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**Appendix 2 Data Distributions for Contaminants in Water and
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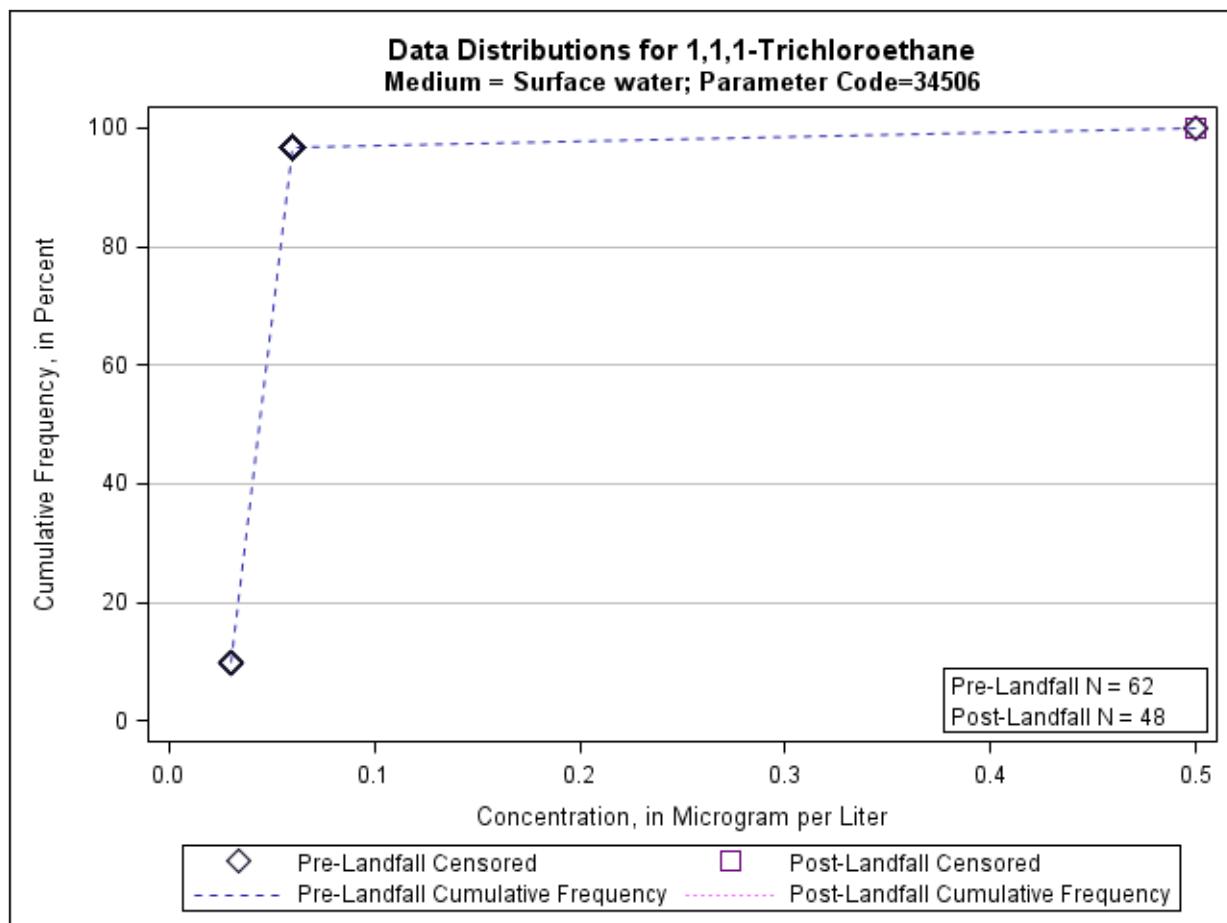
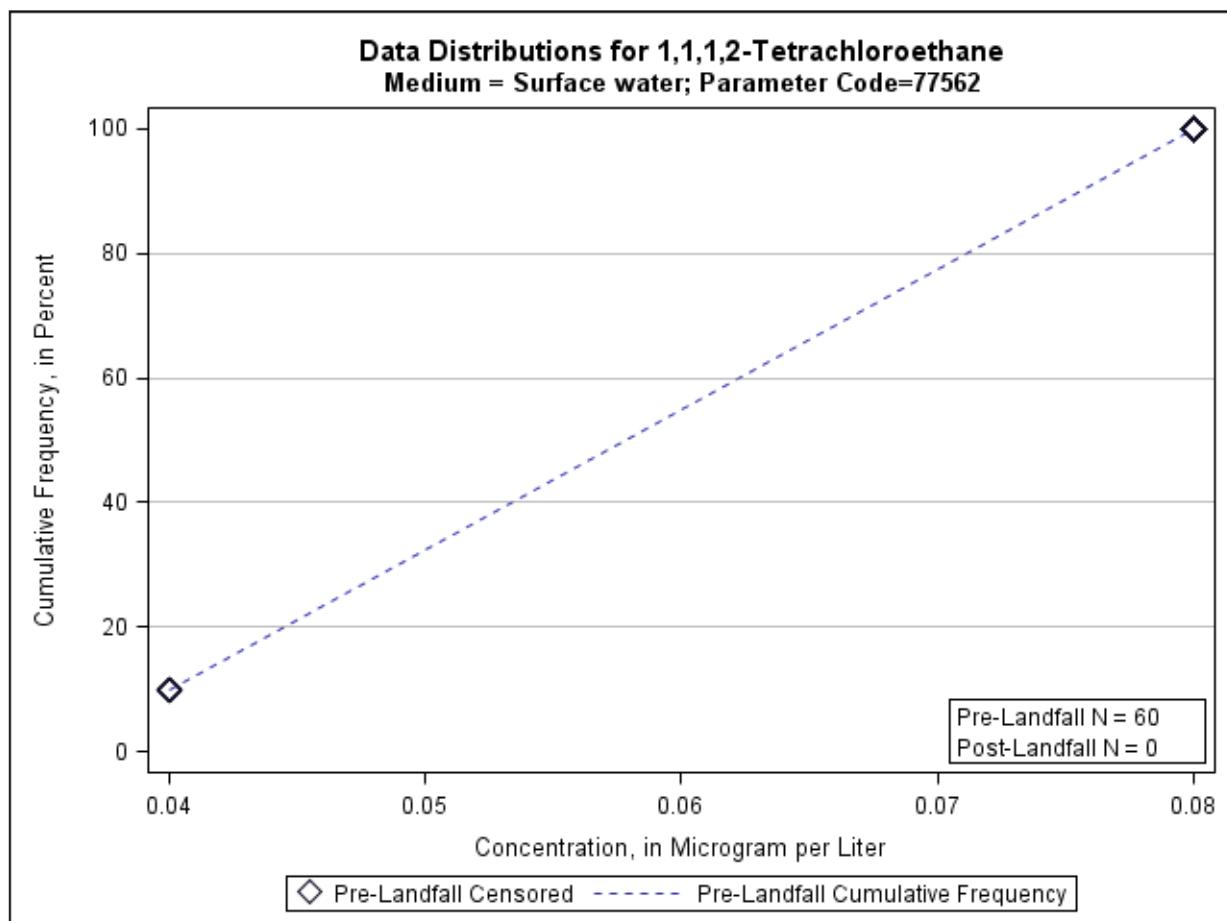
4 Contaminants in Water and Sediment Sampled in Response to the Deepwater Horizon Oil Spill

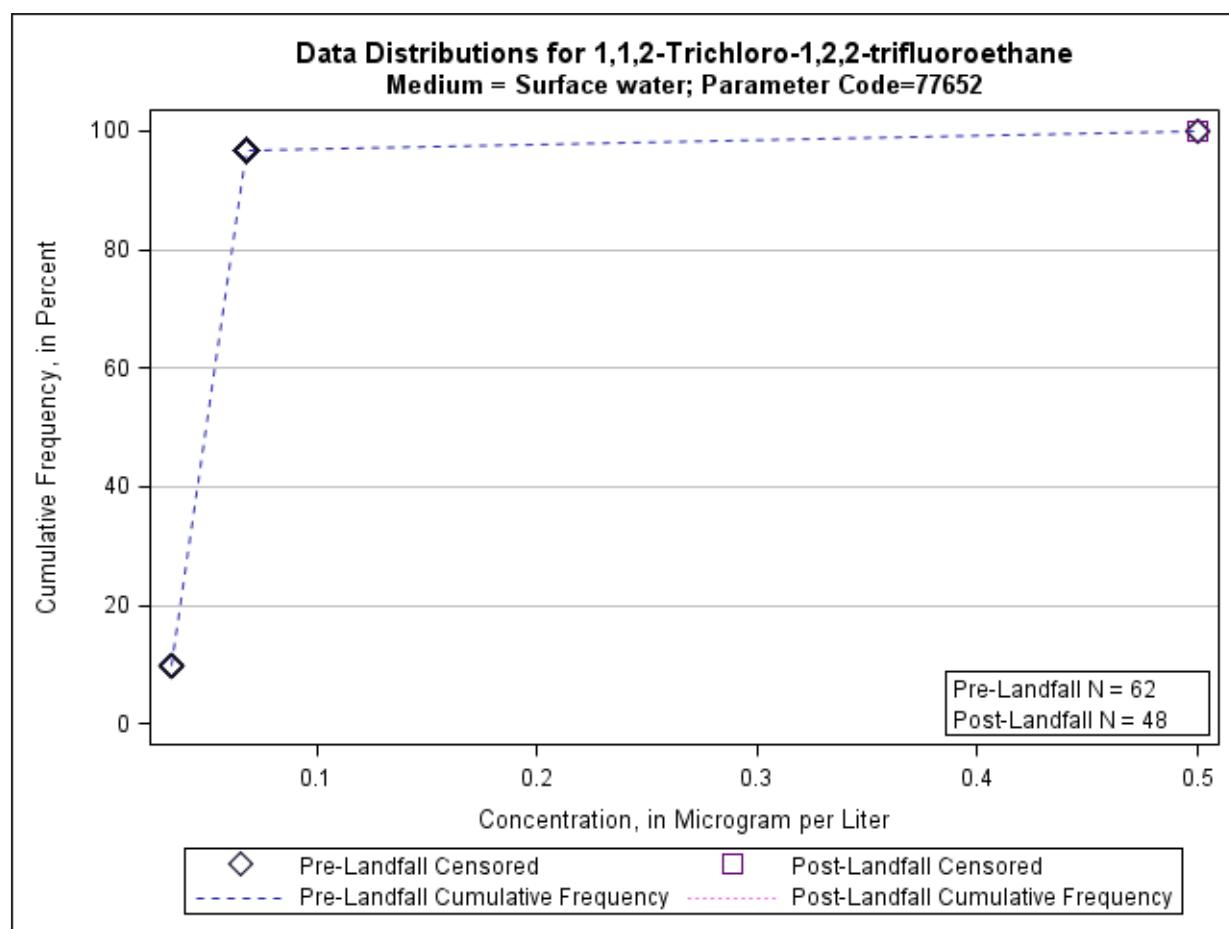
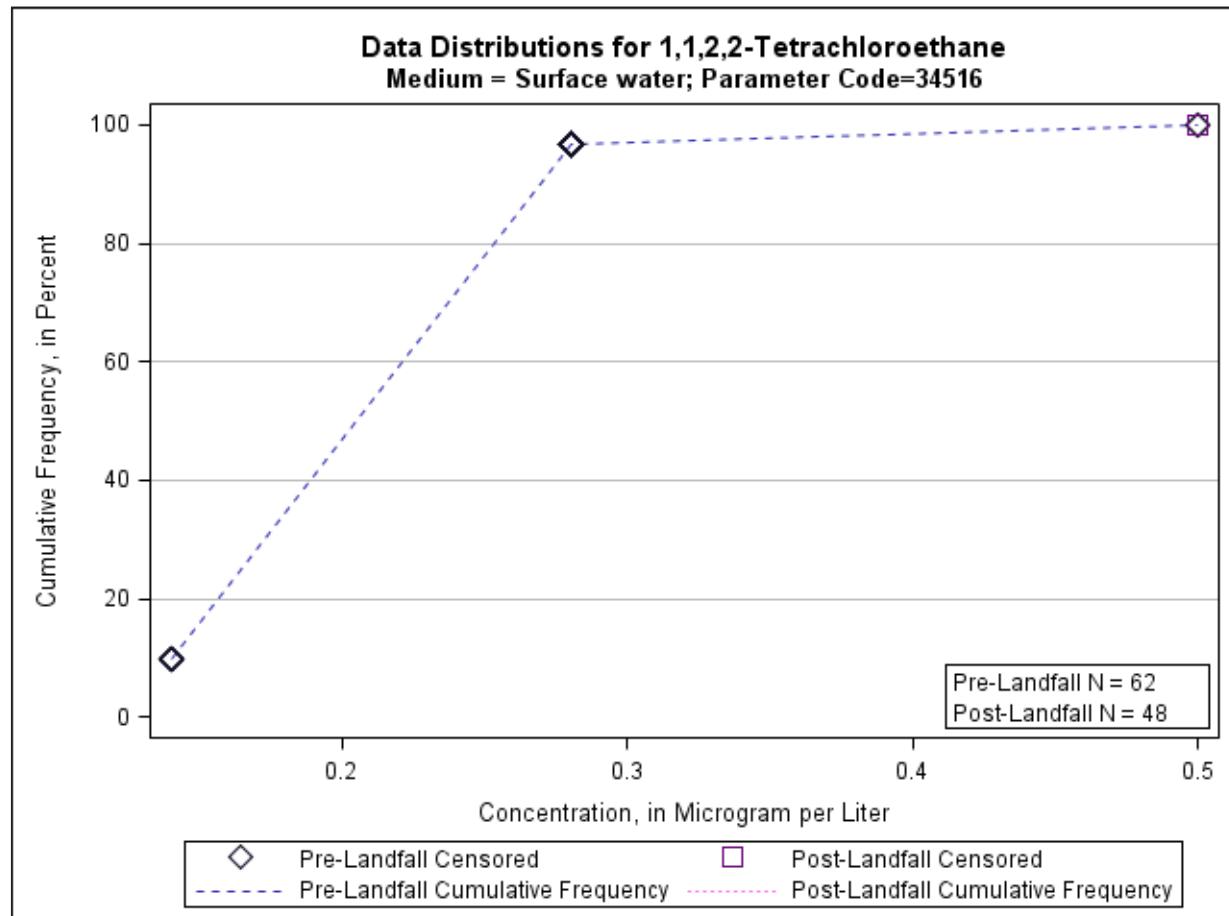
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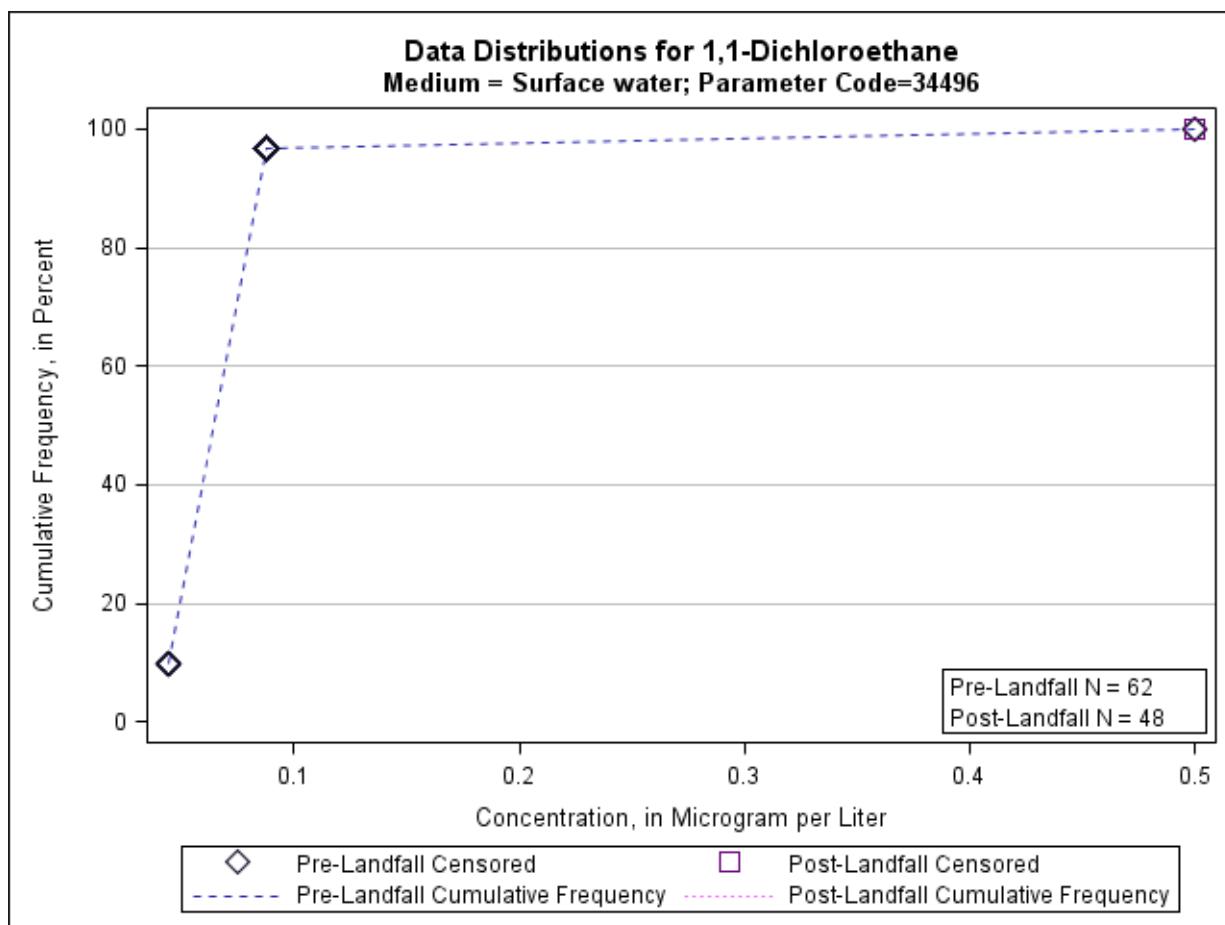
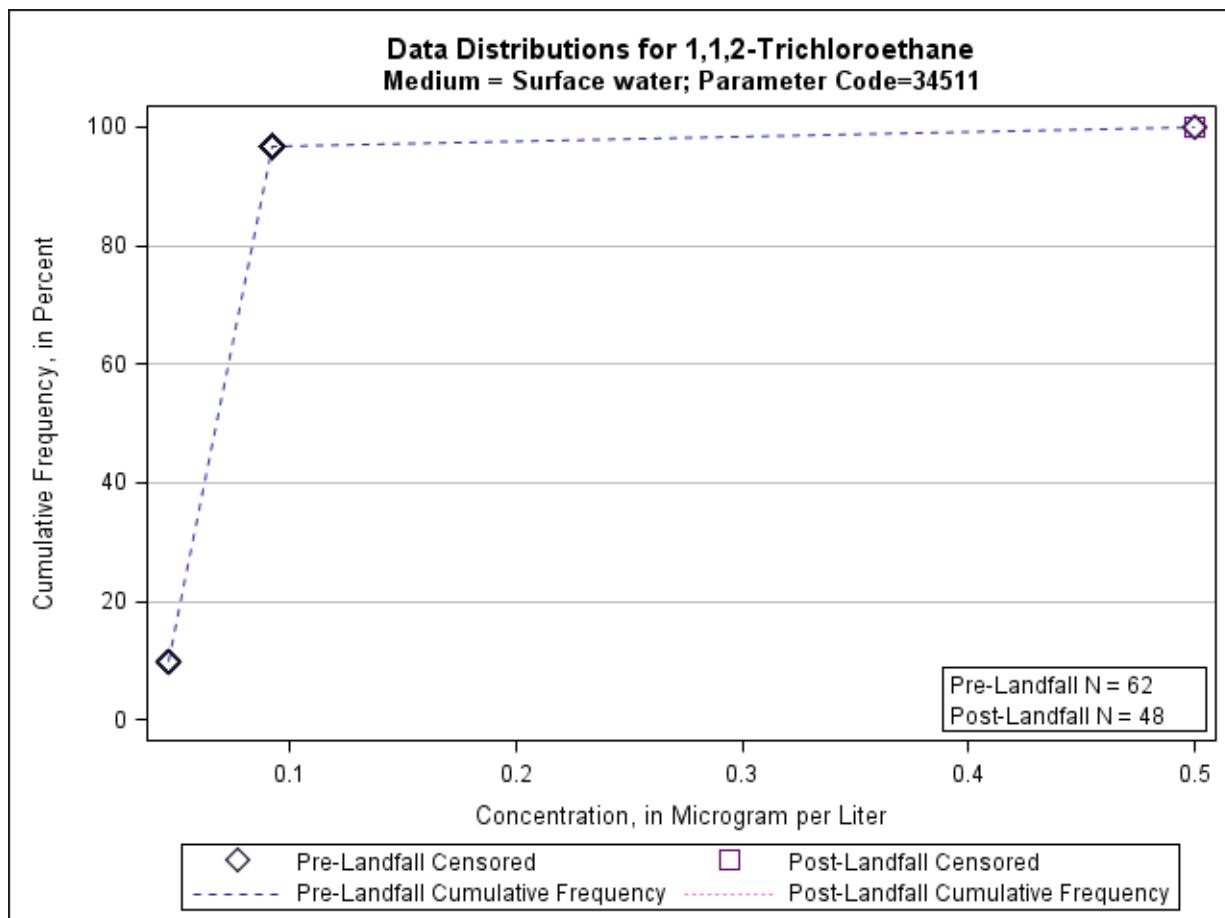
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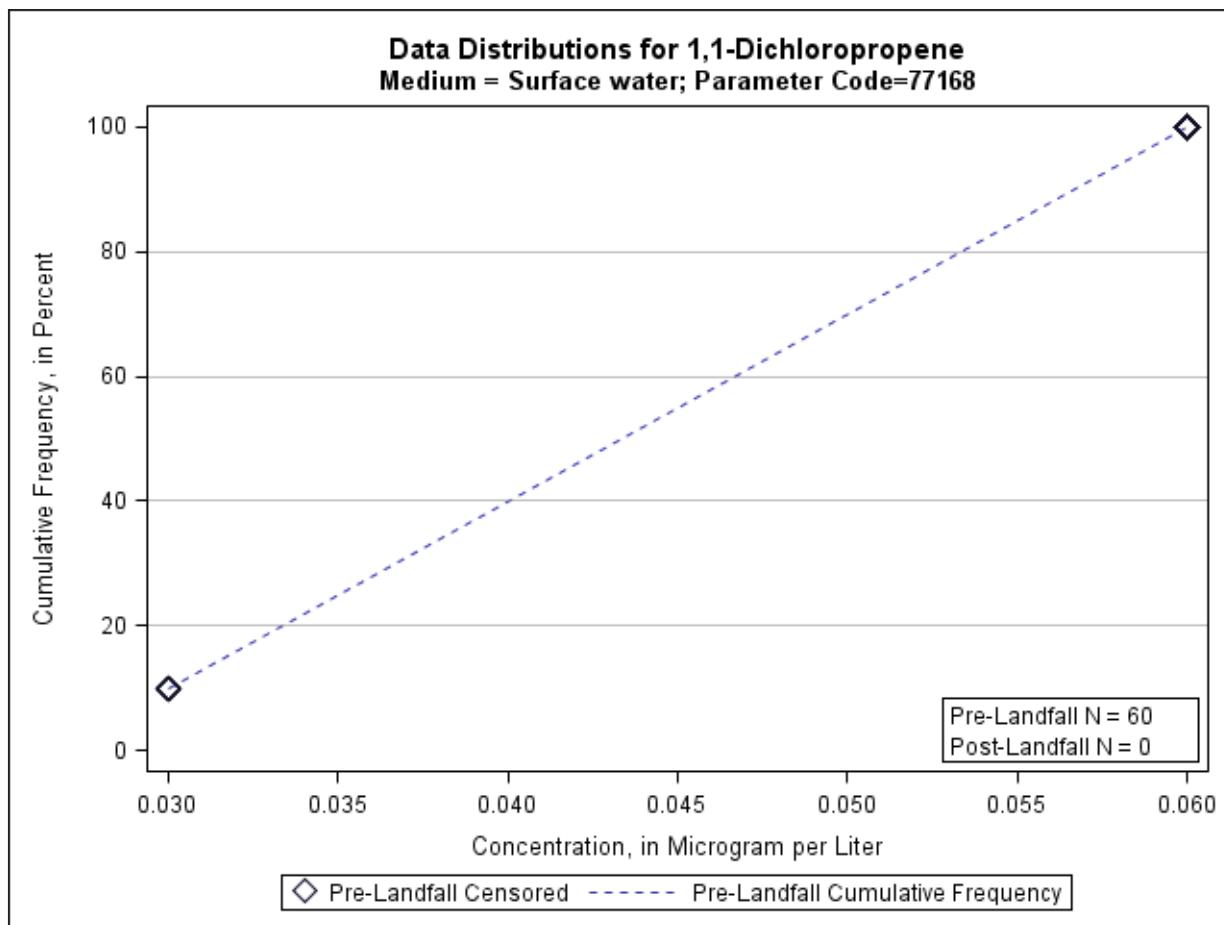
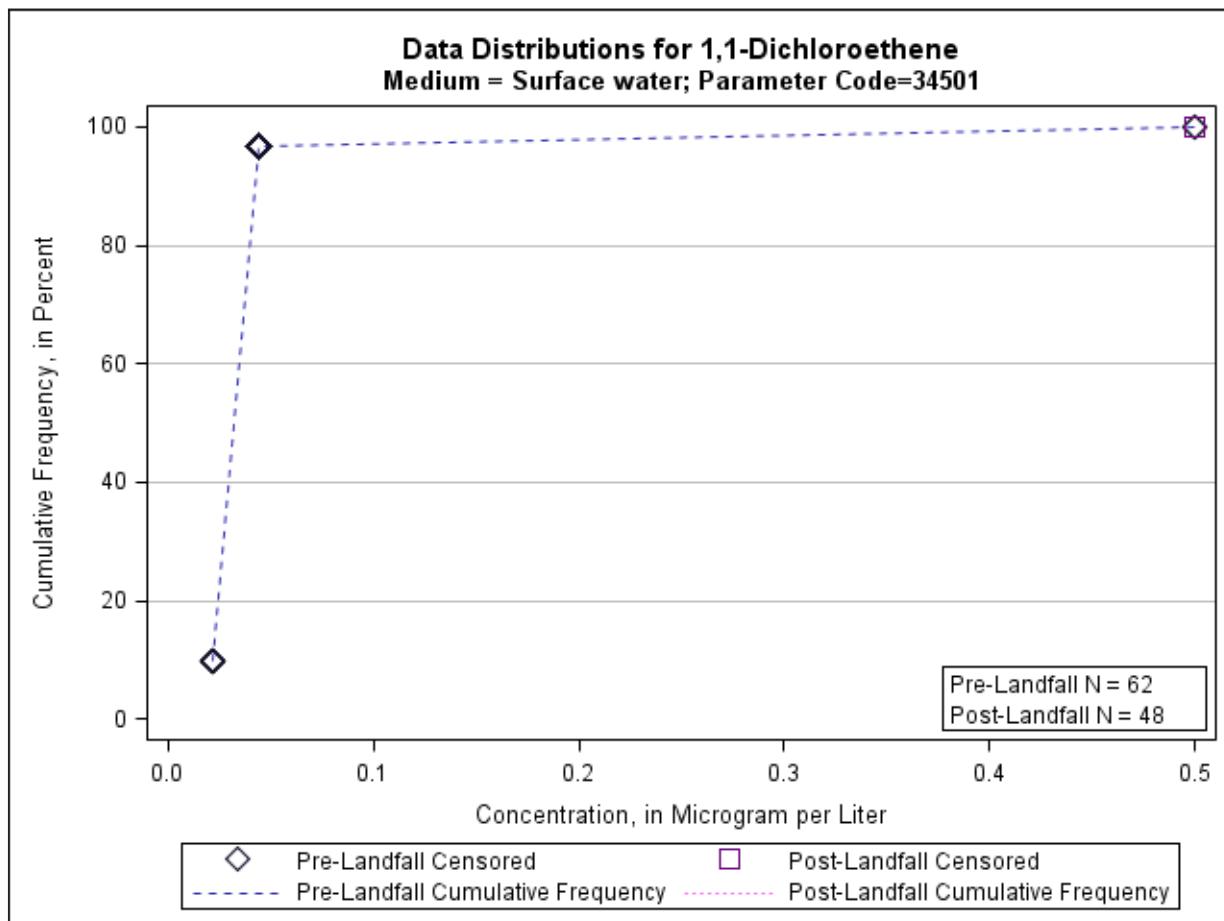
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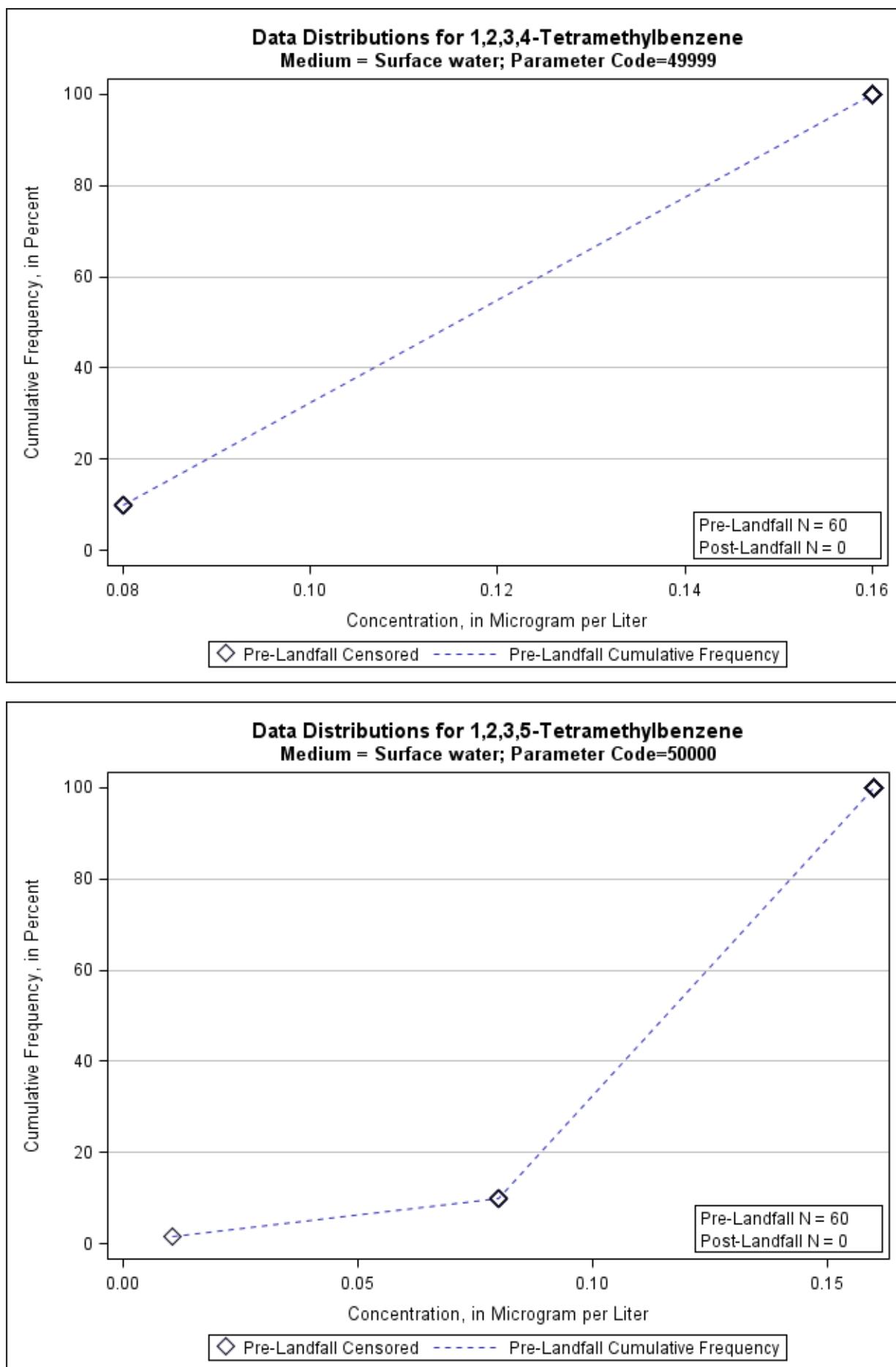
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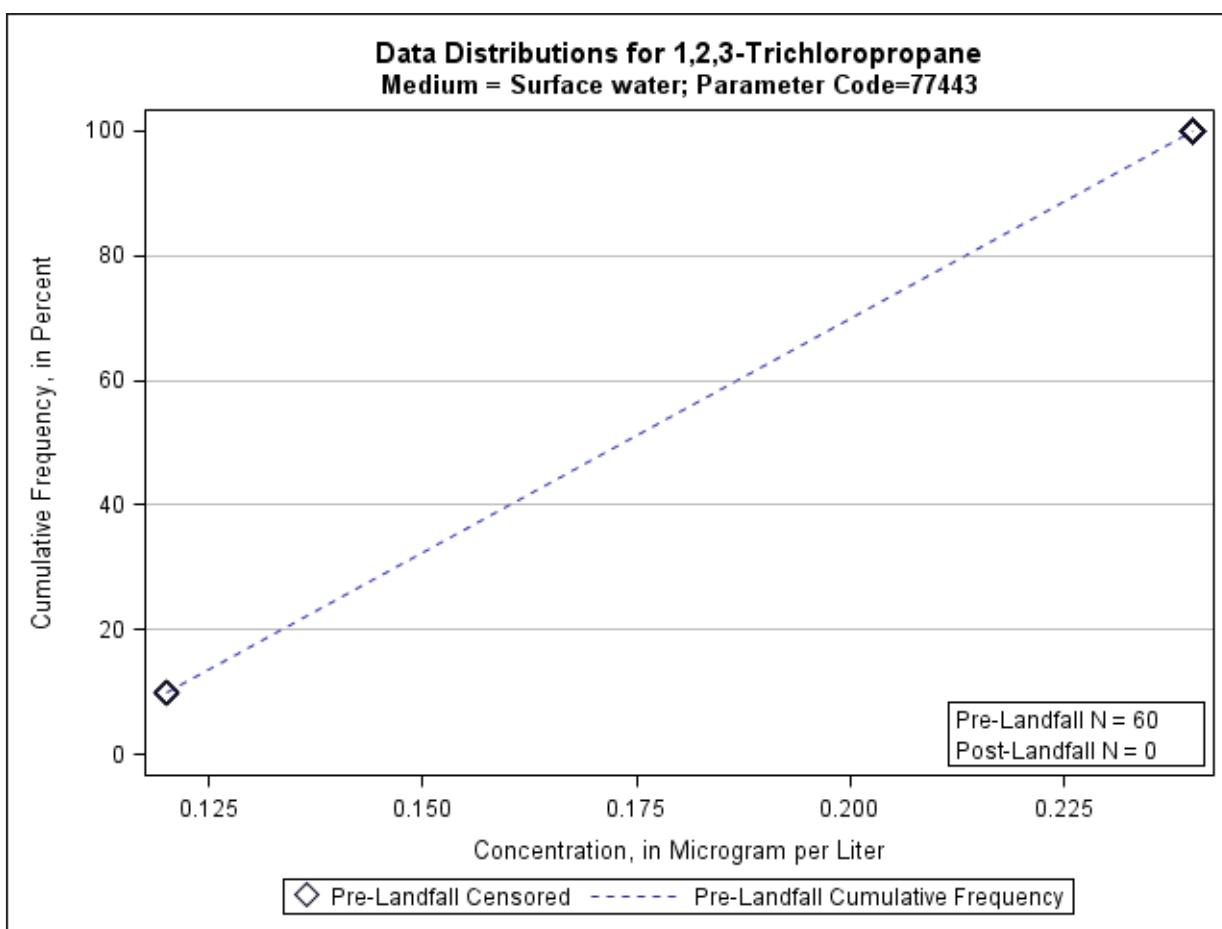
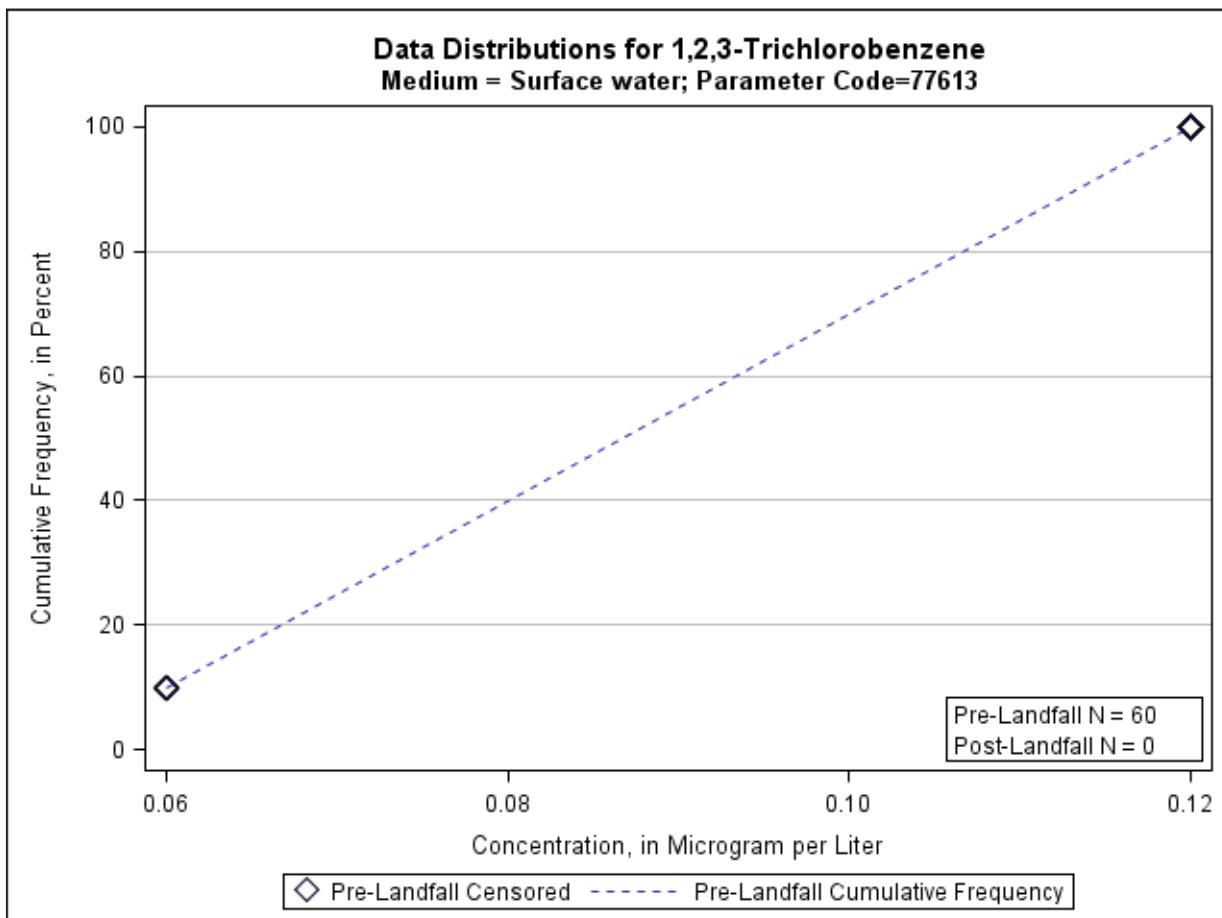


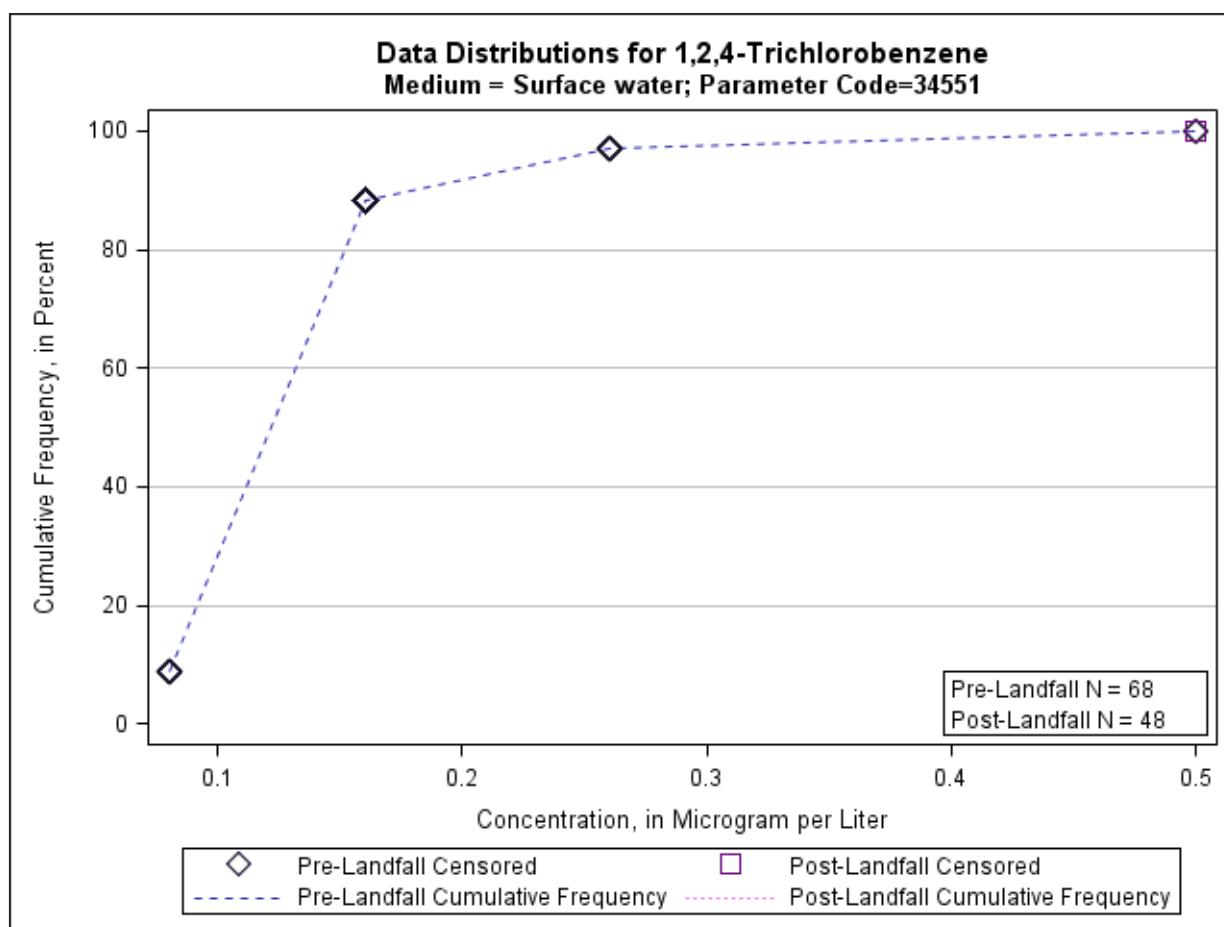
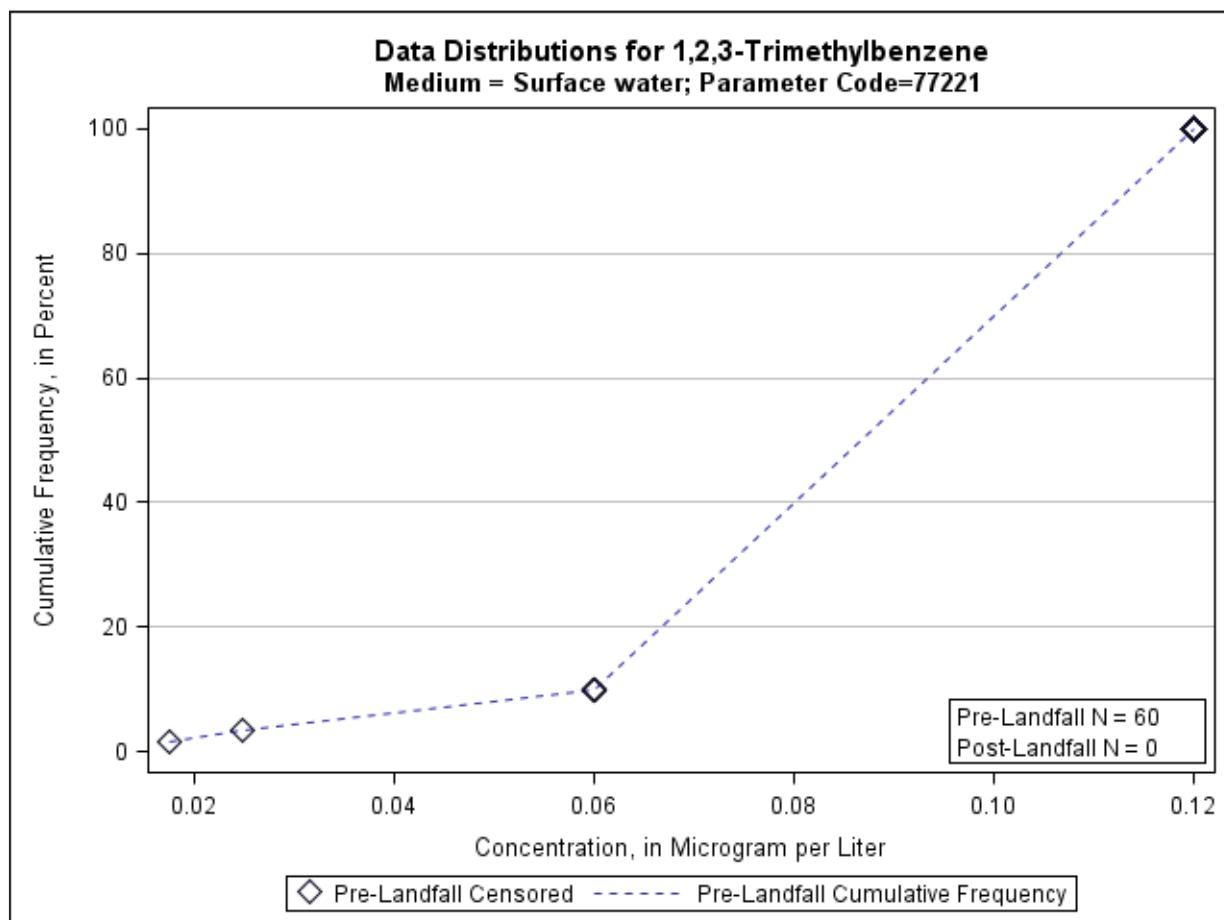


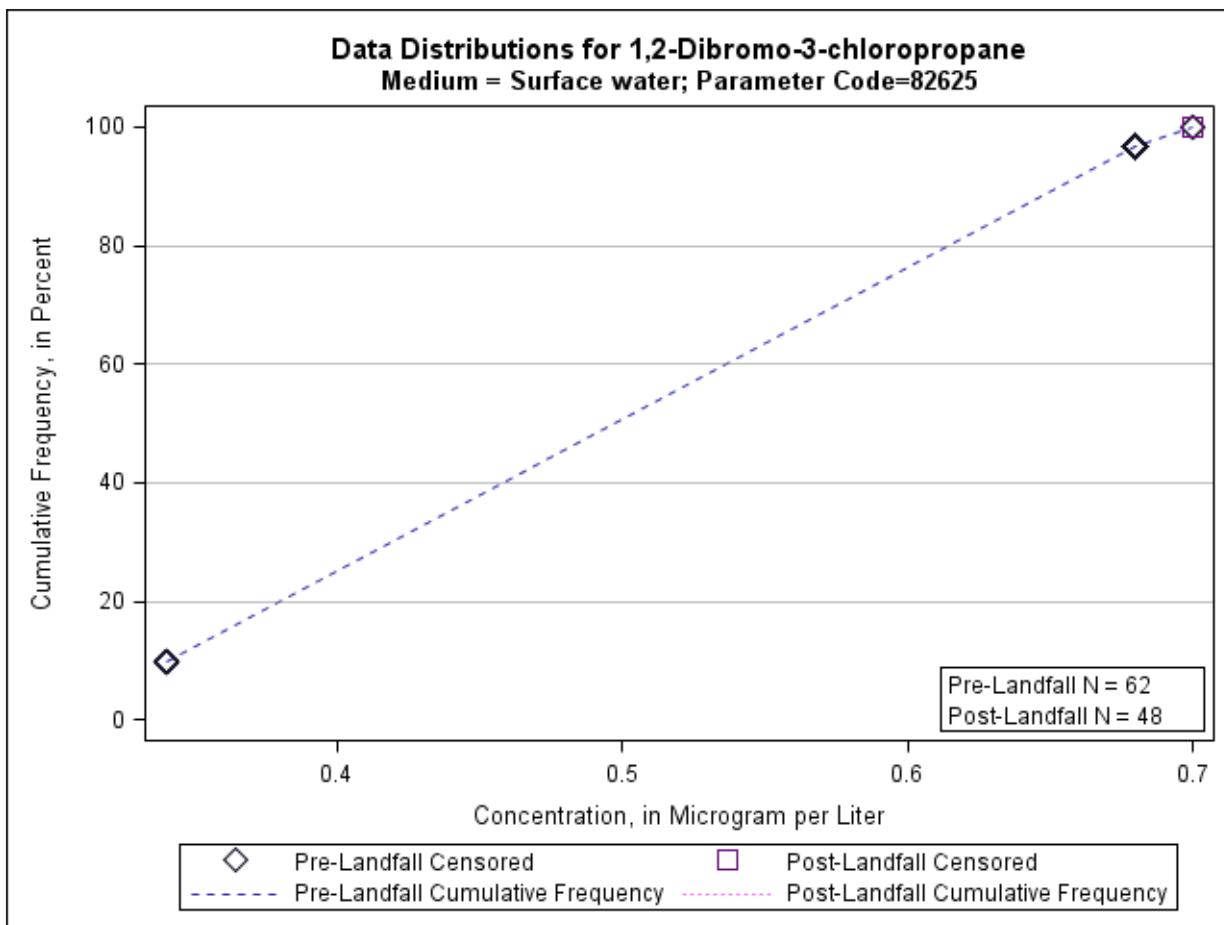
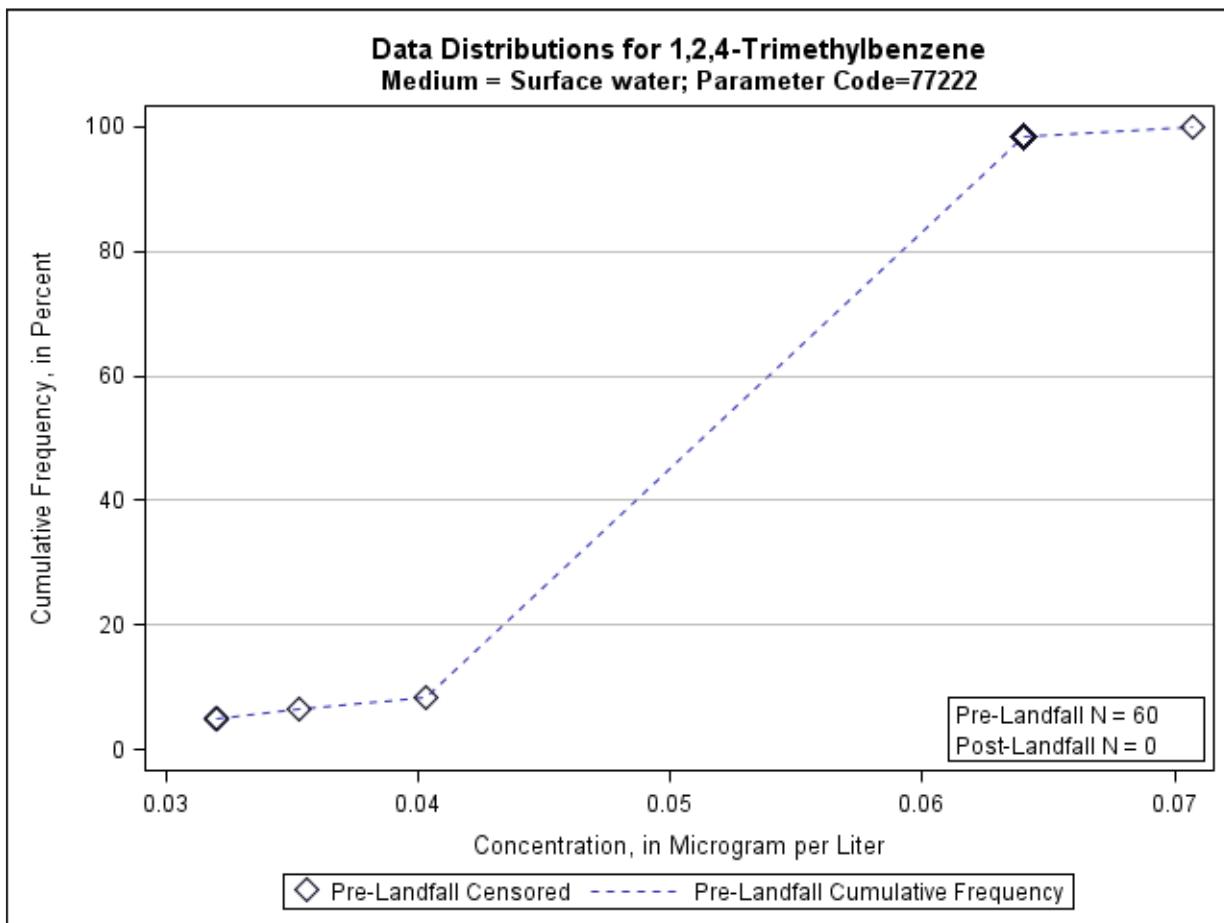


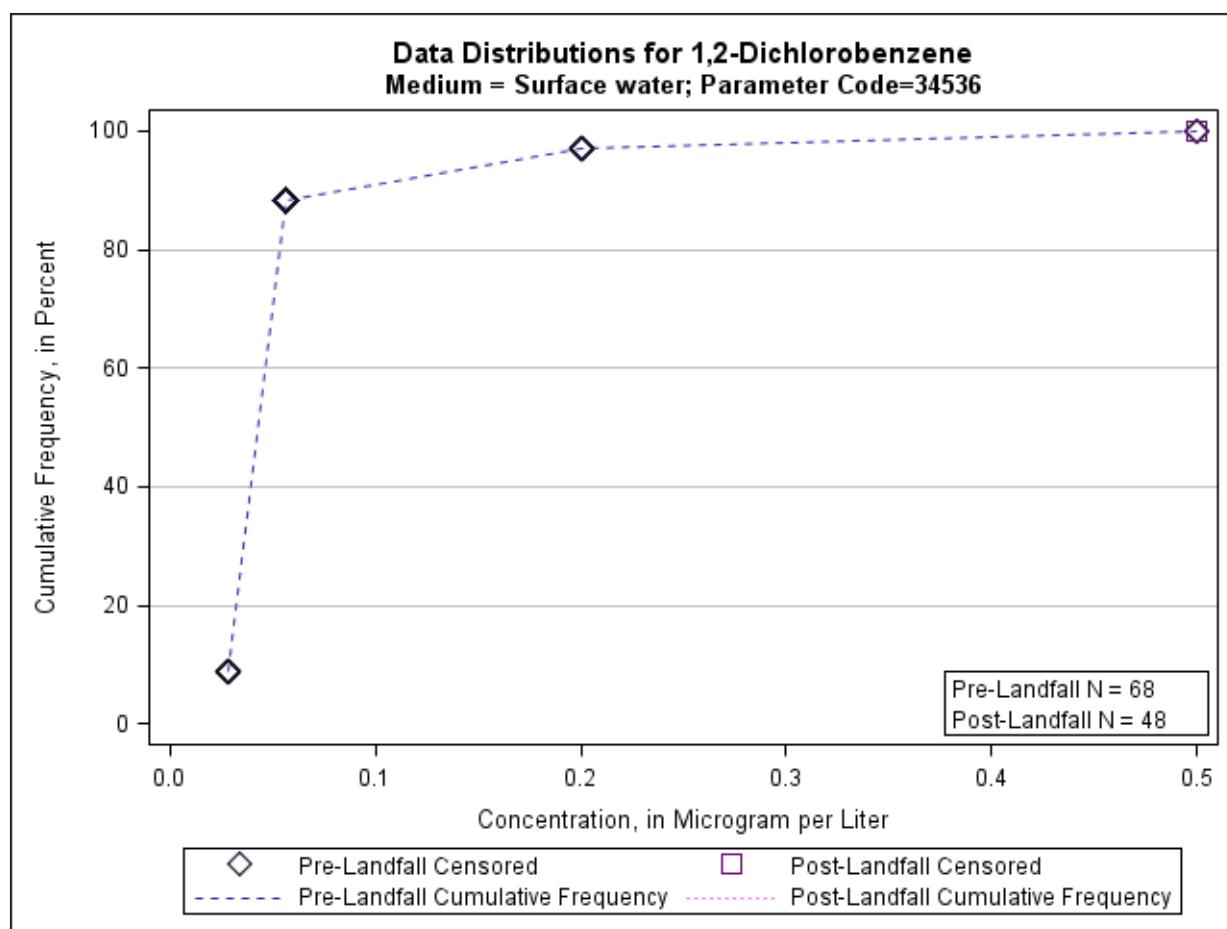
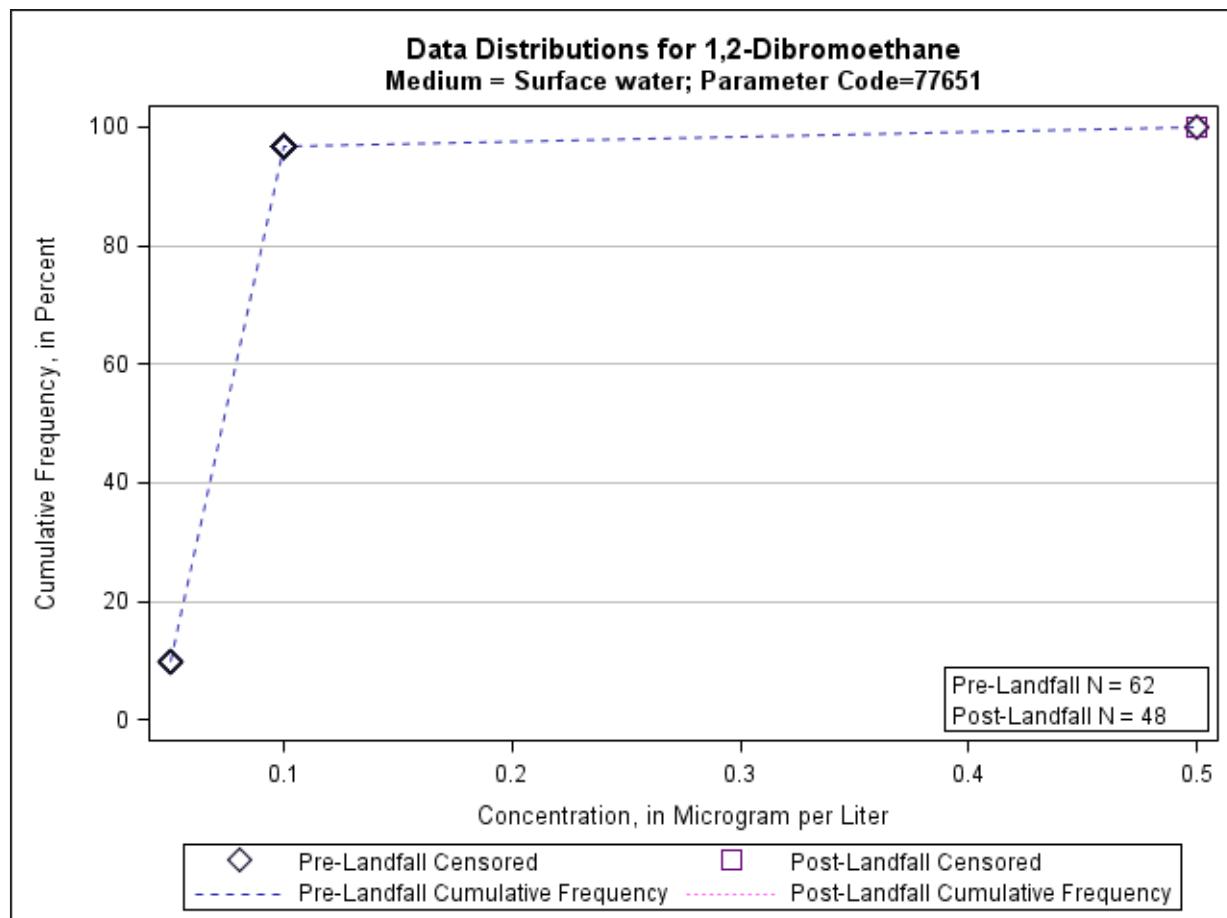


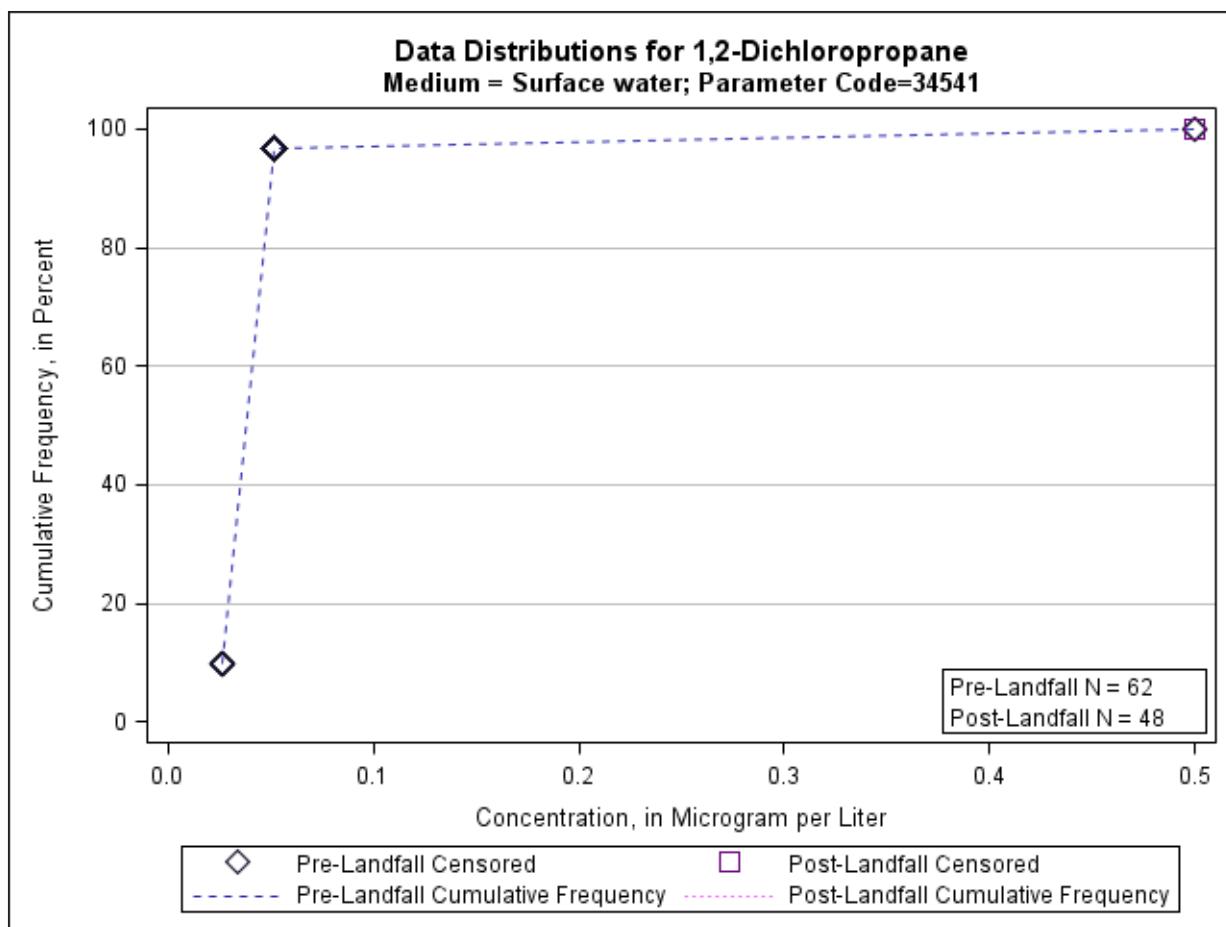
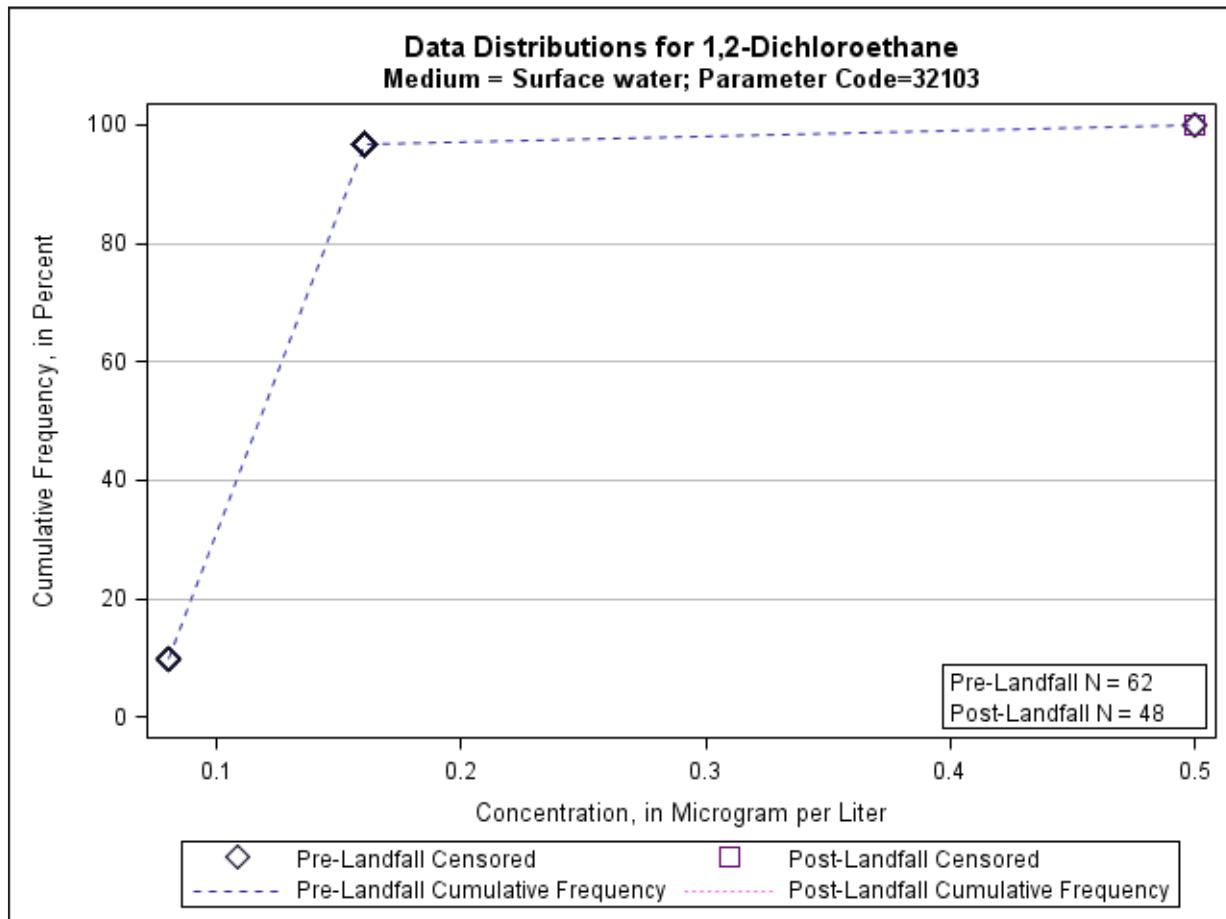


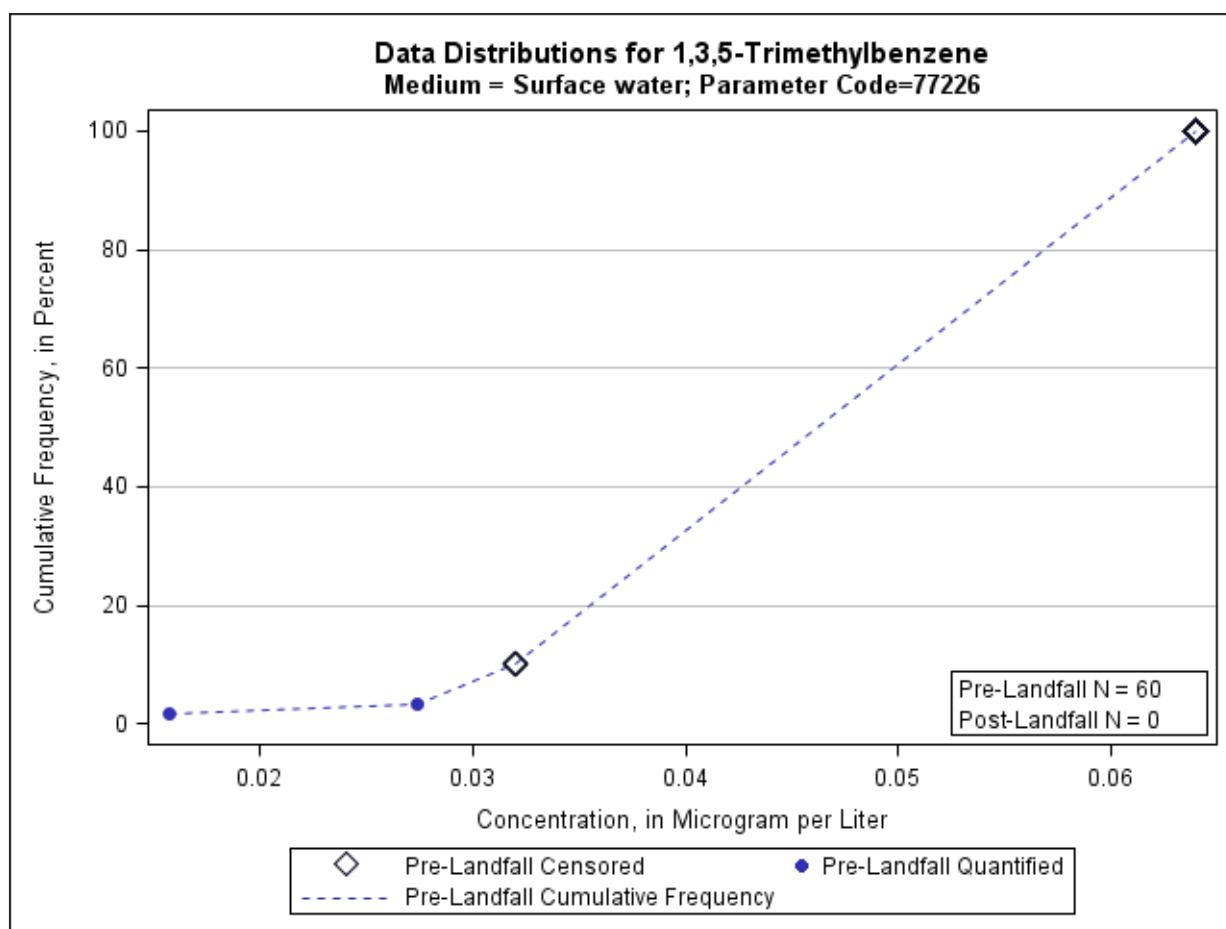
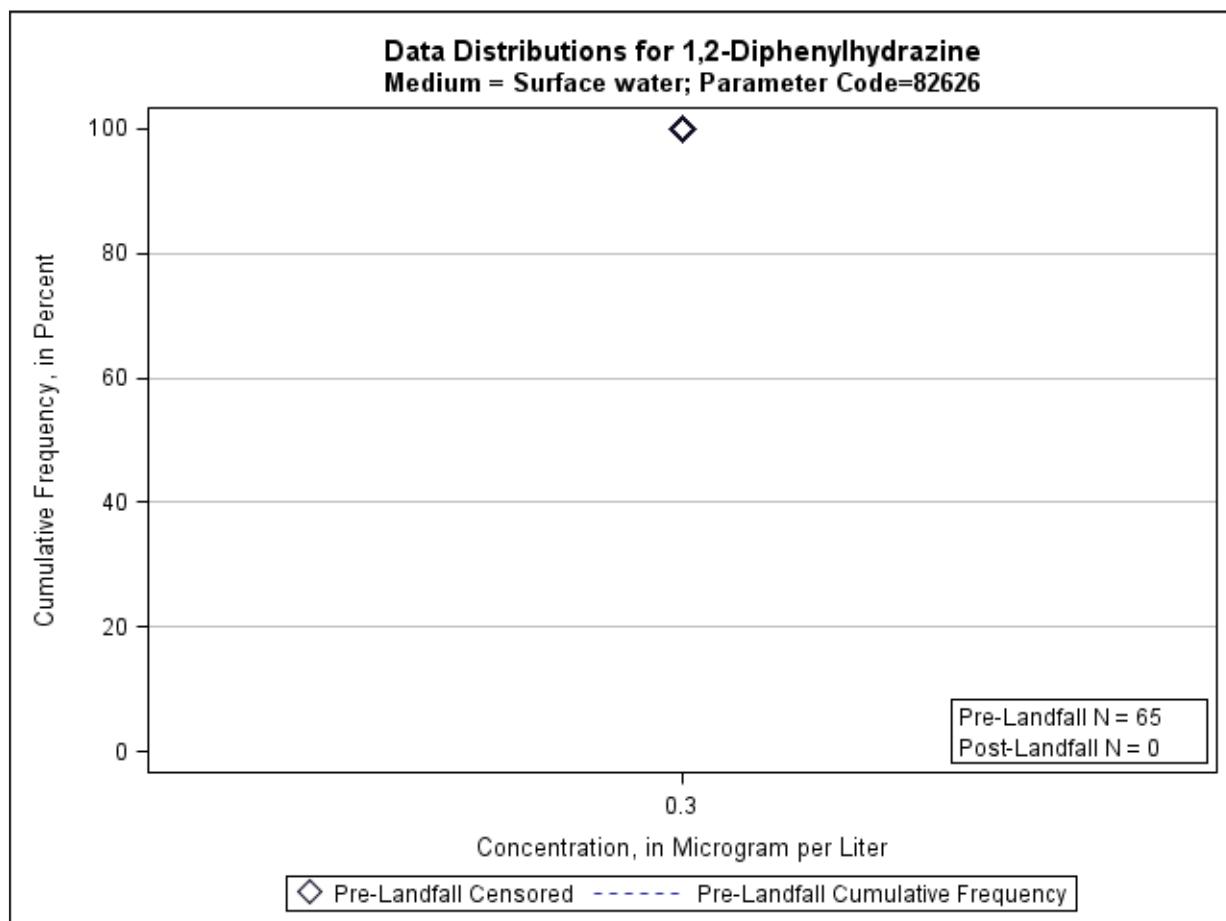


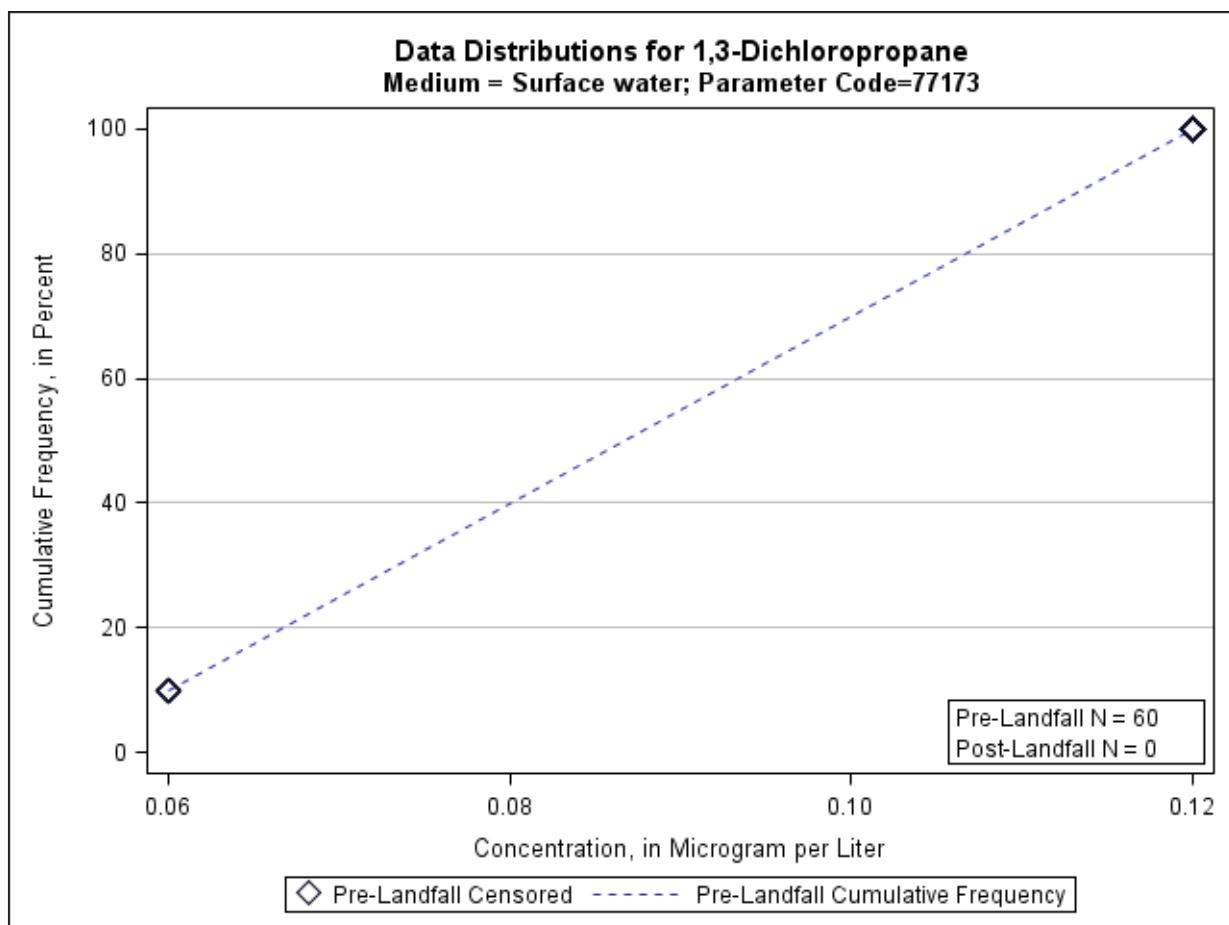
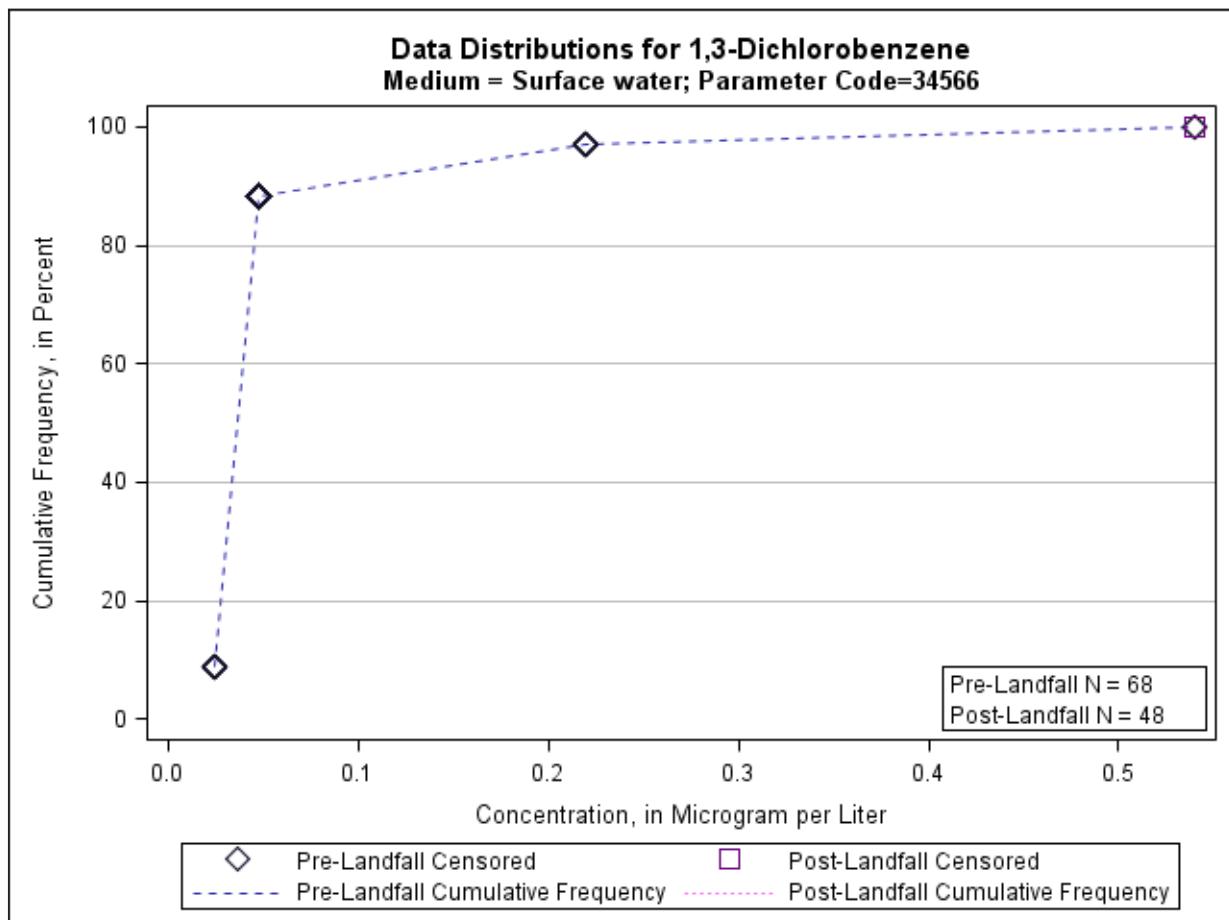


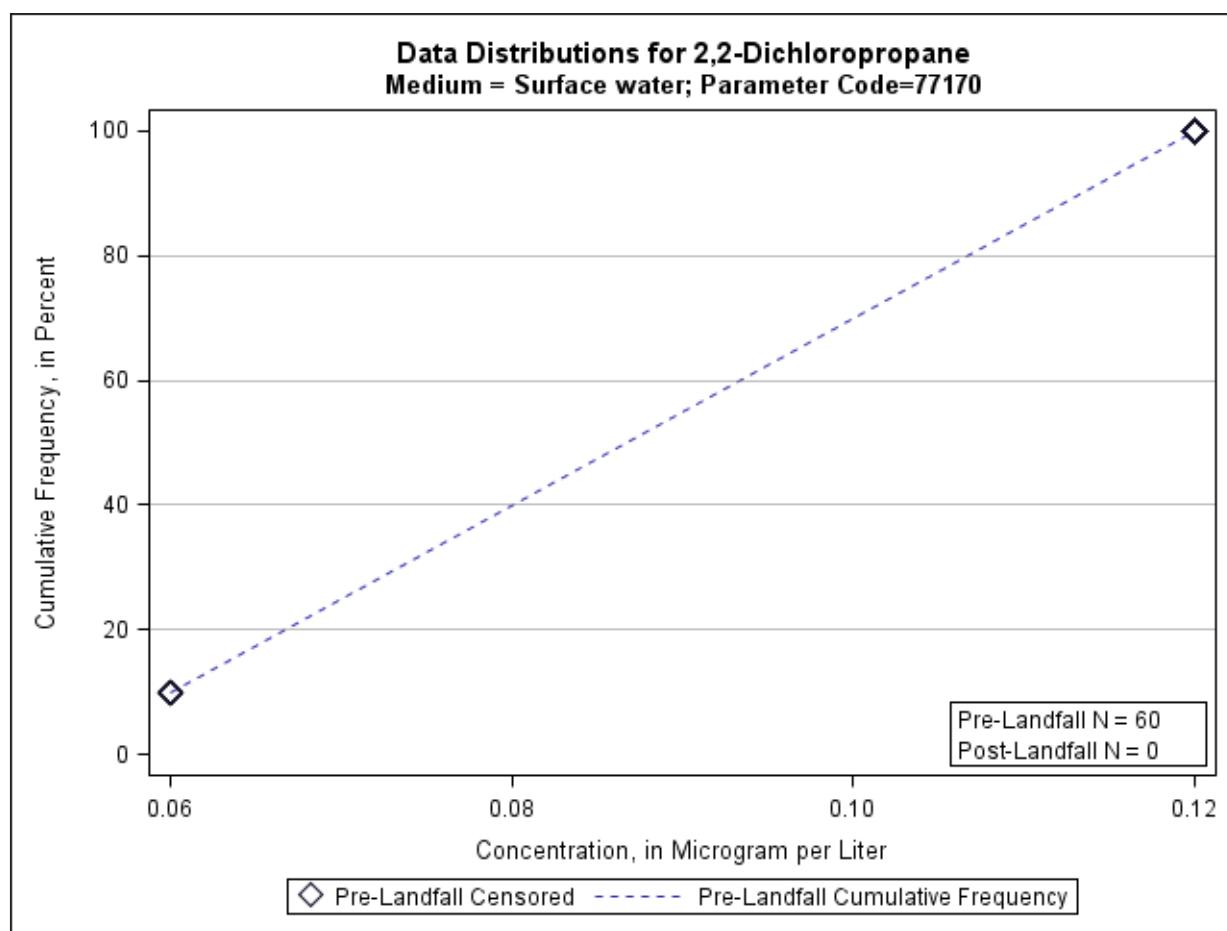
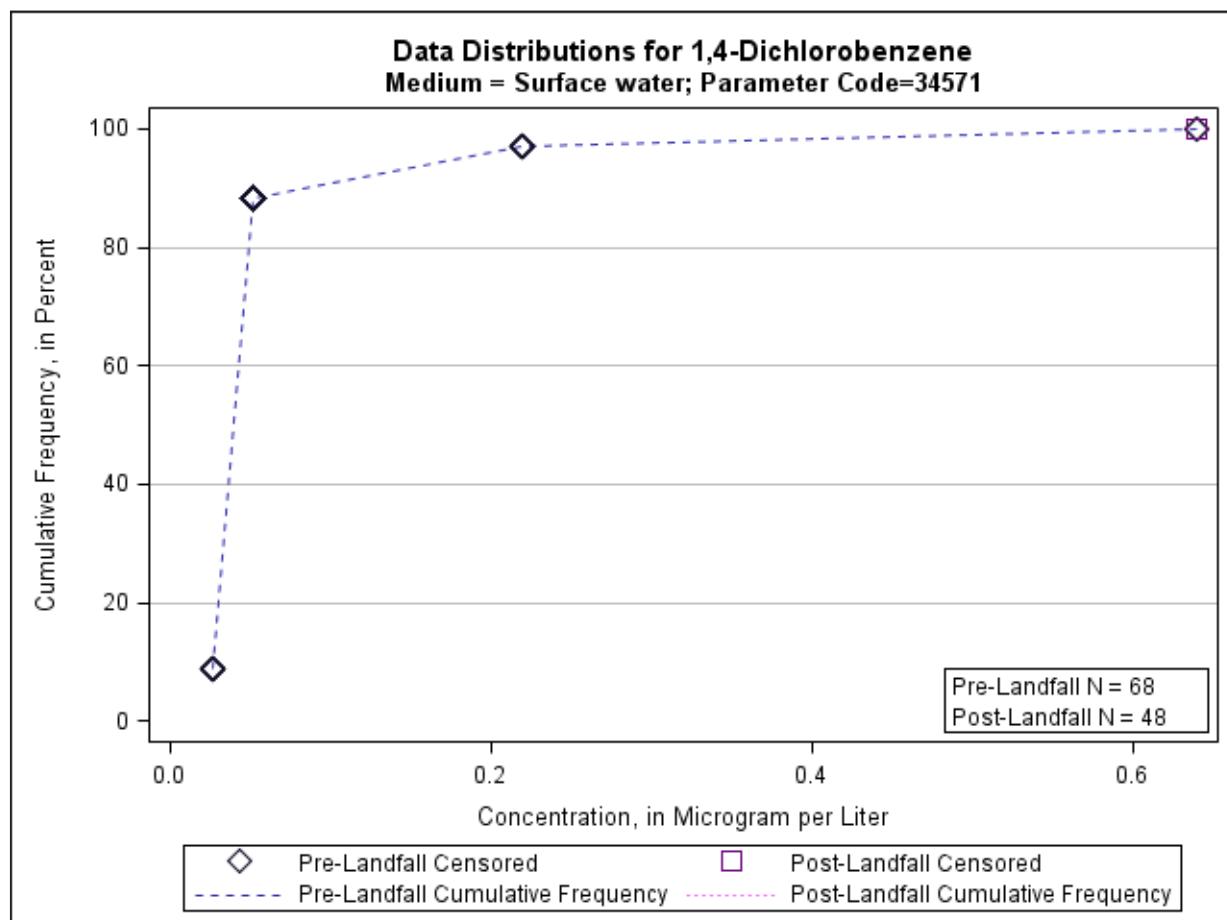


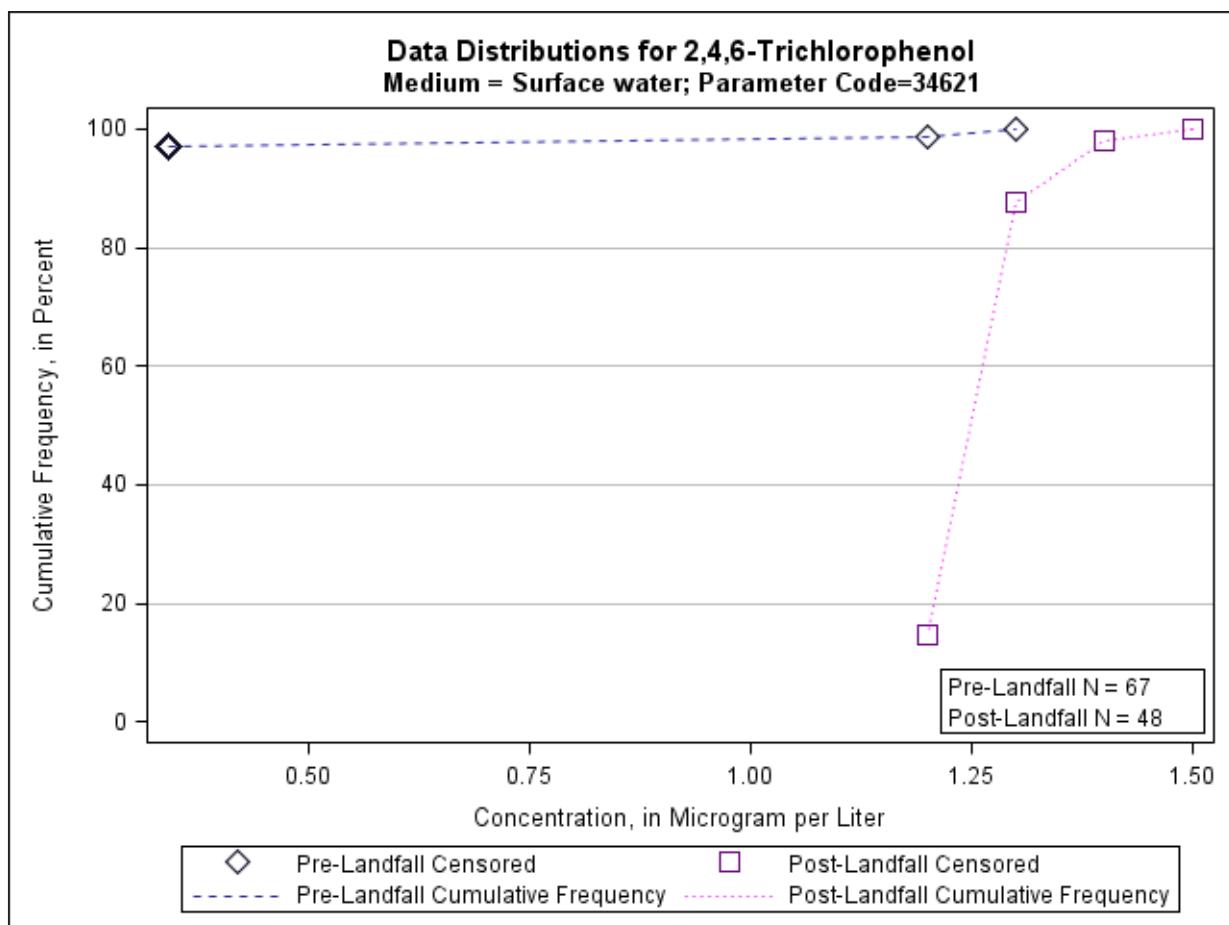
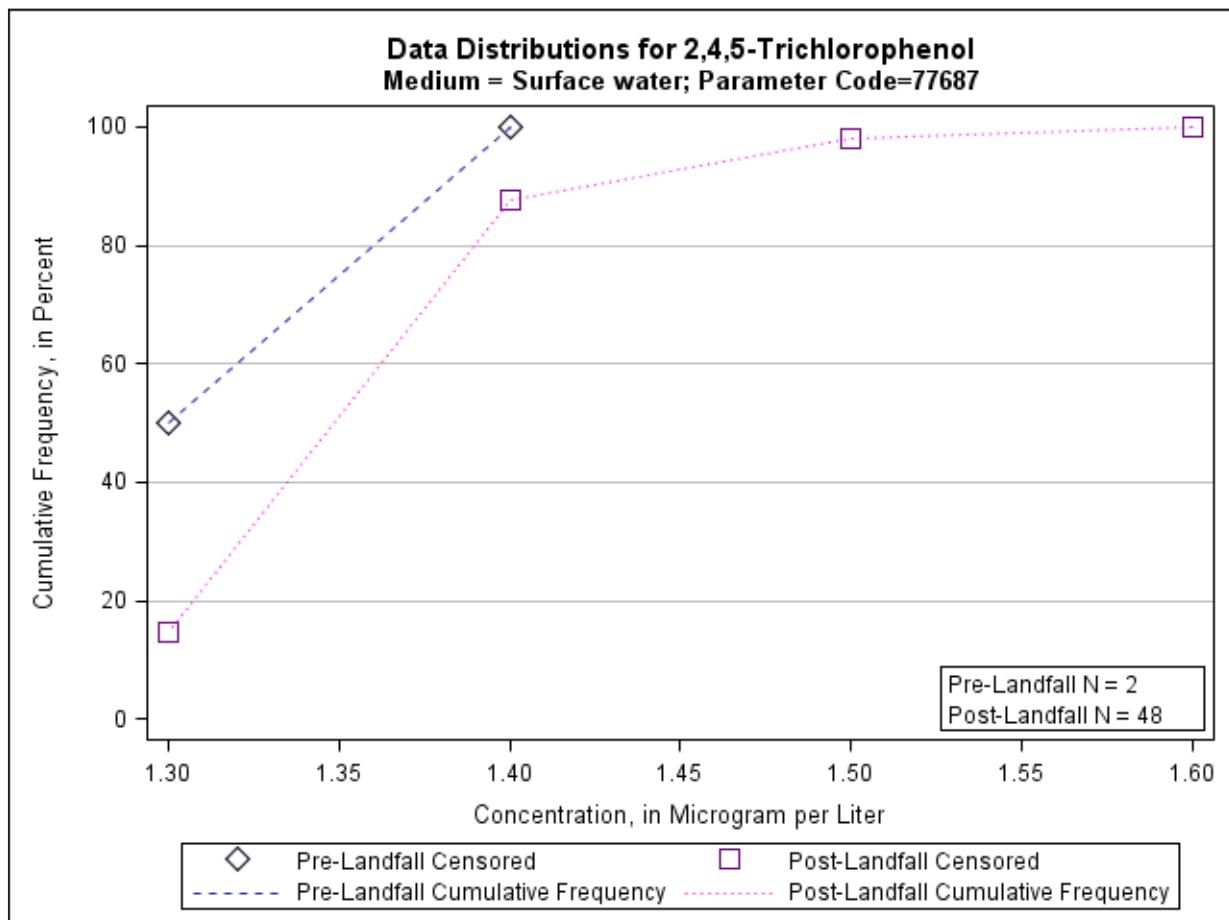


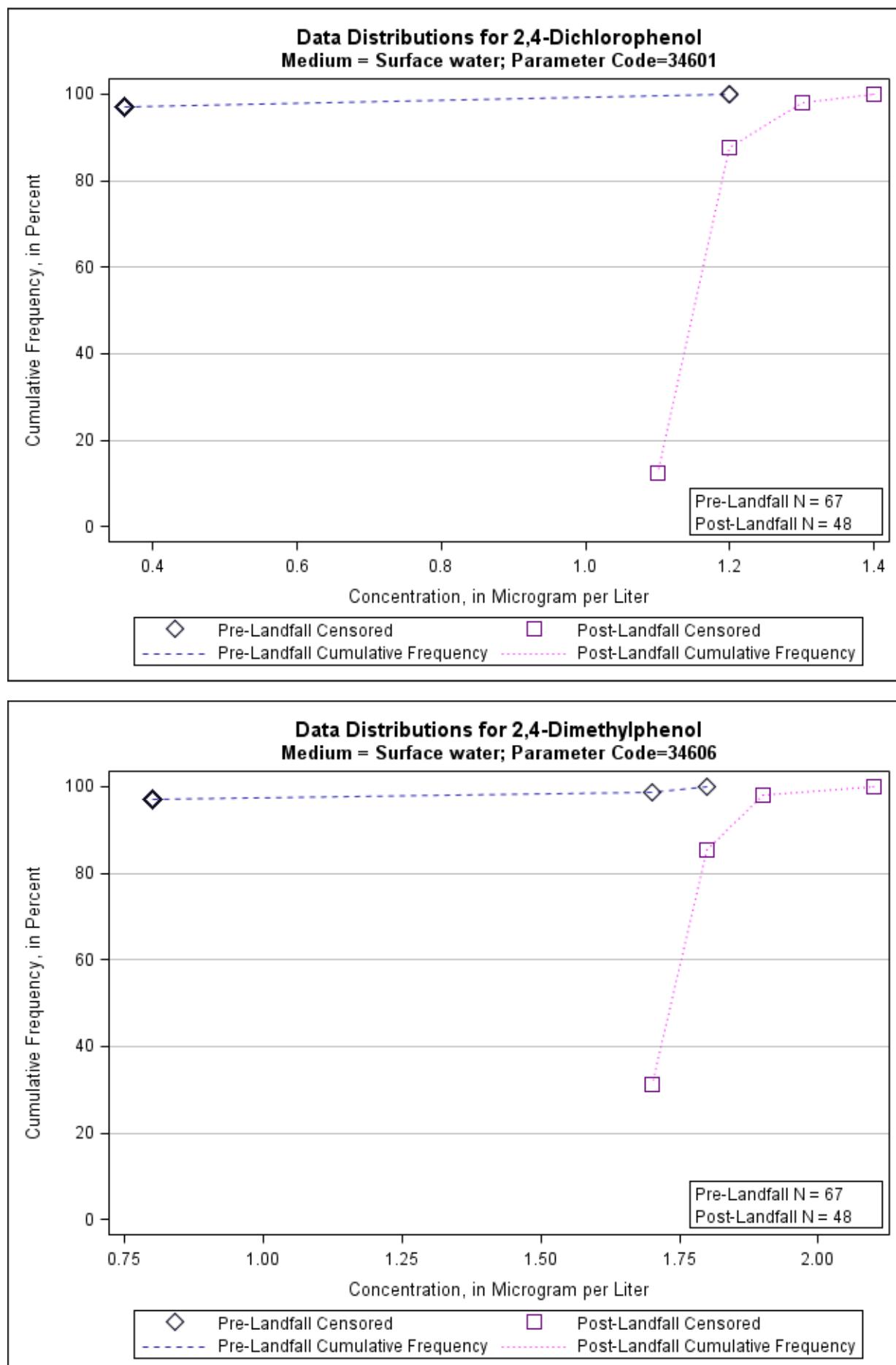


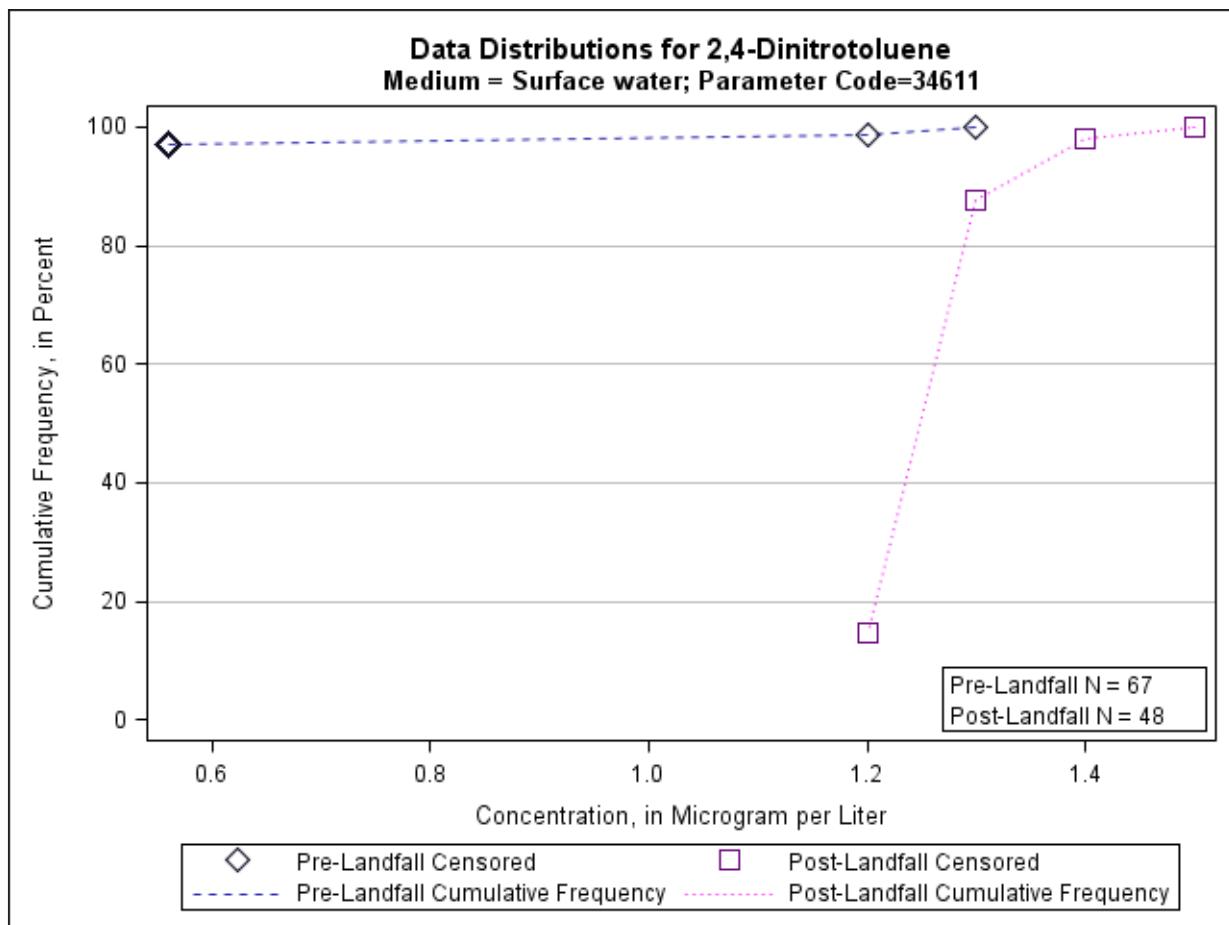
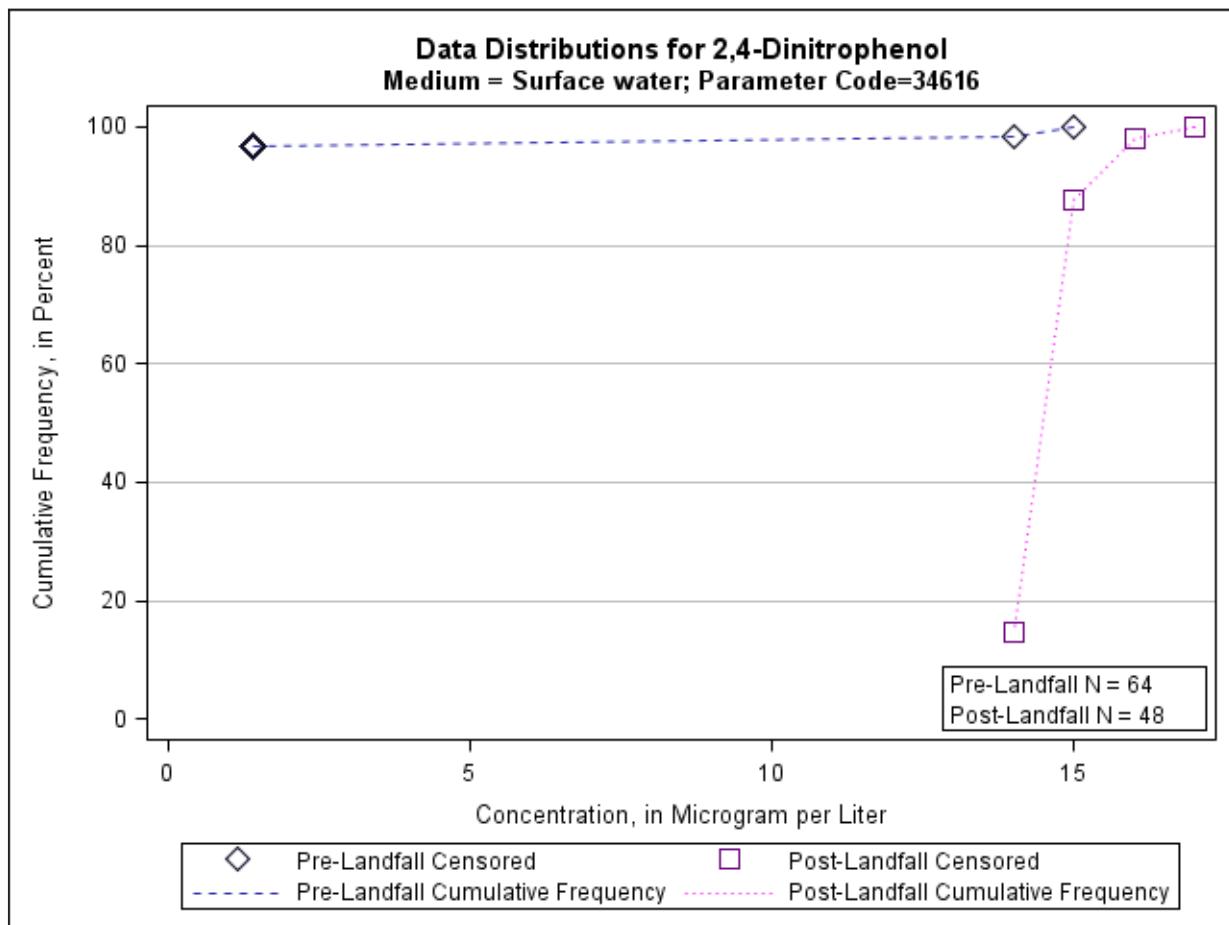


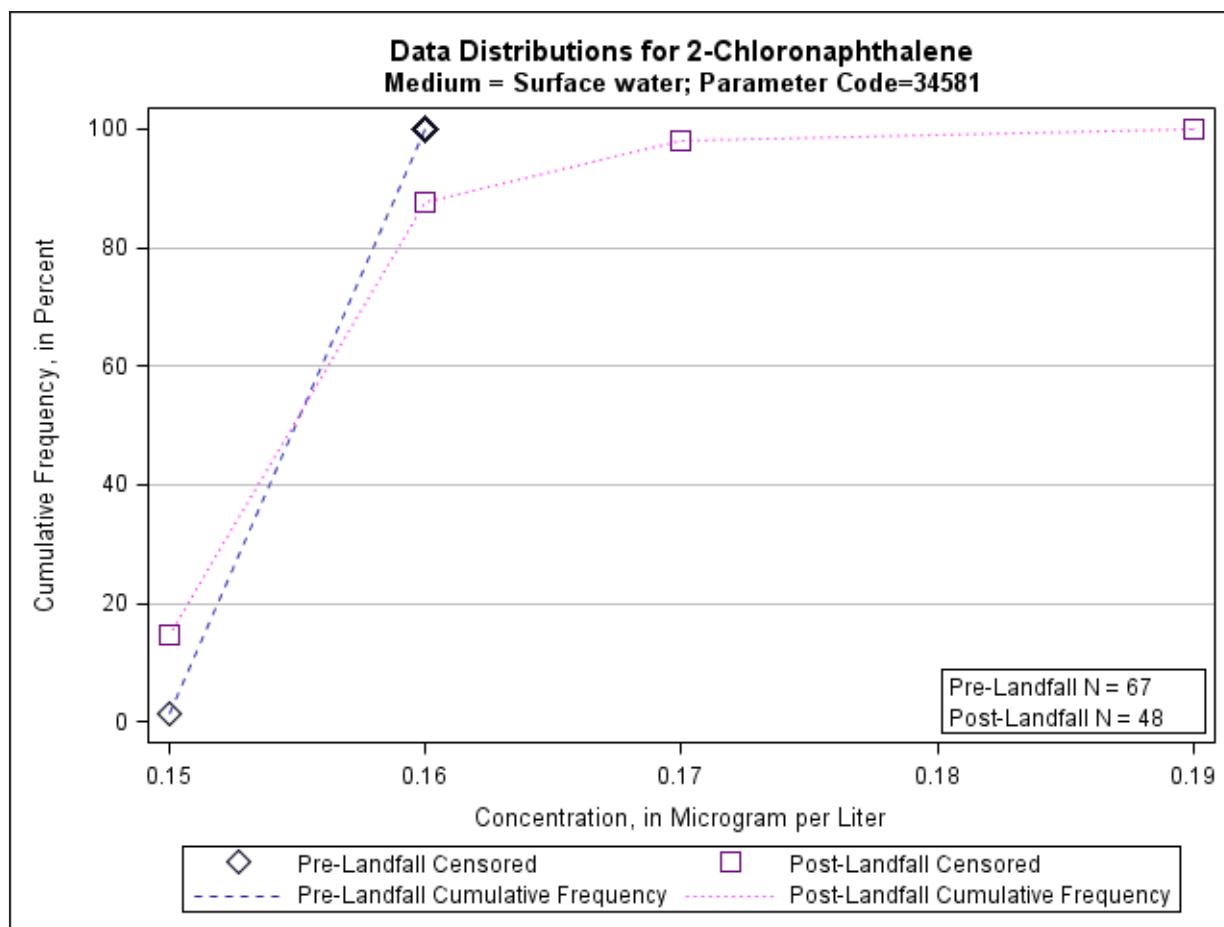
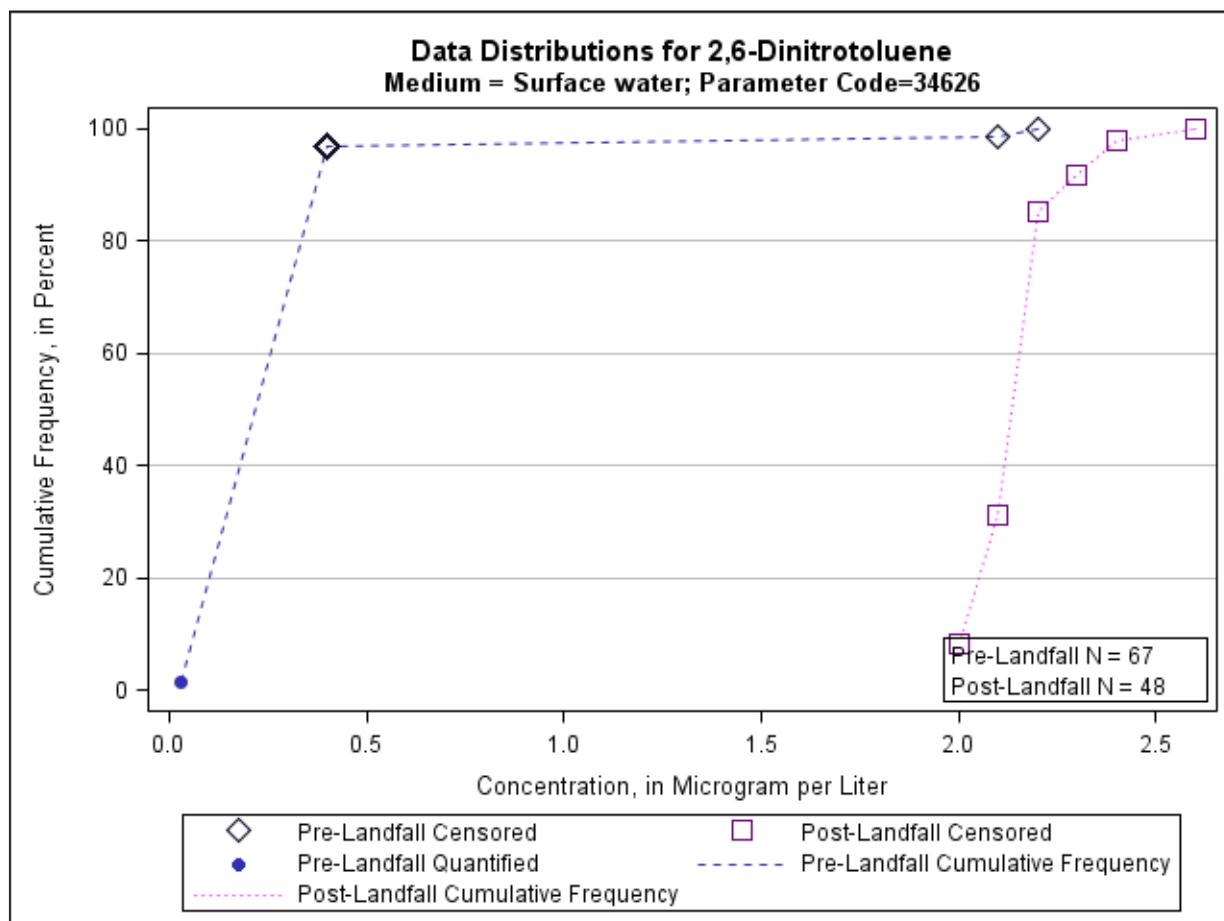


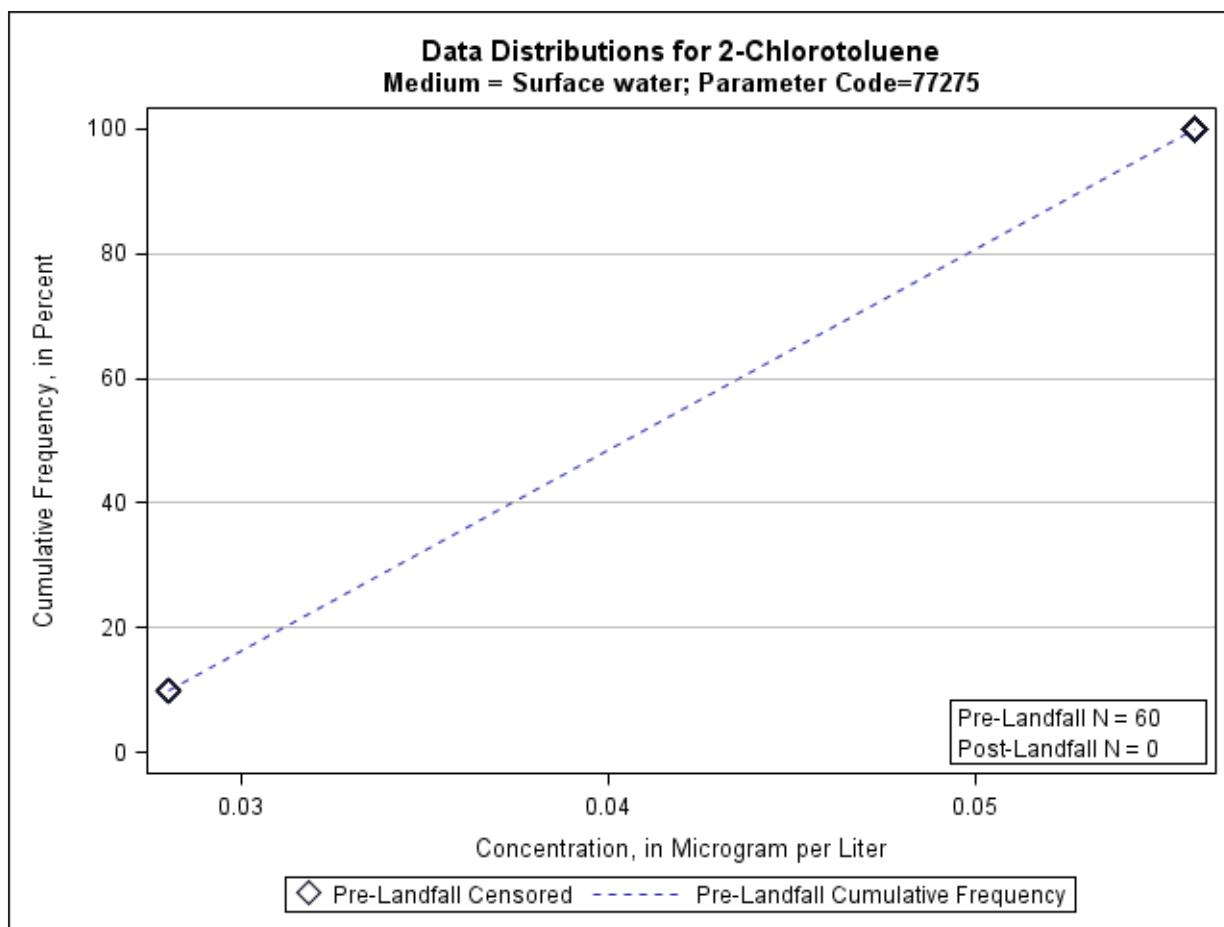
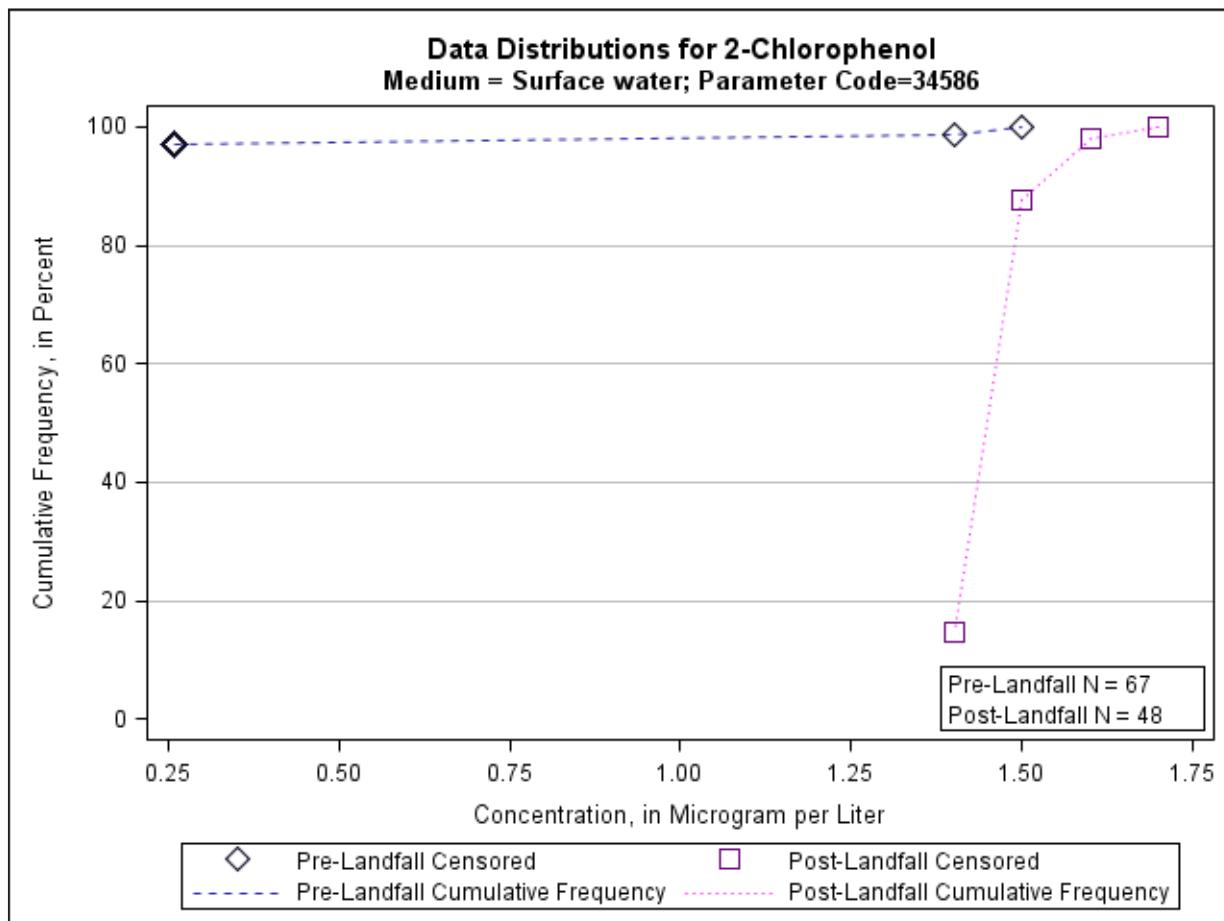


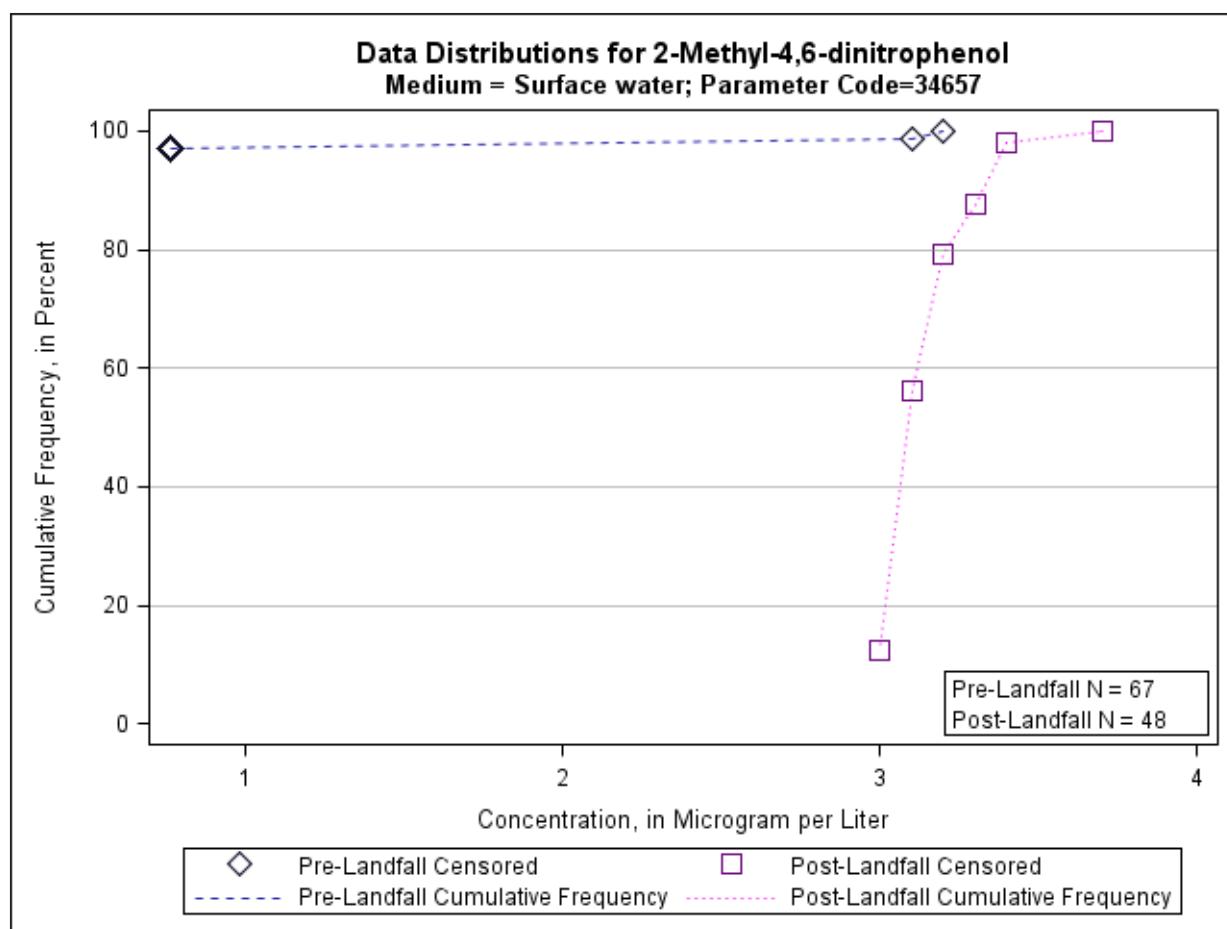
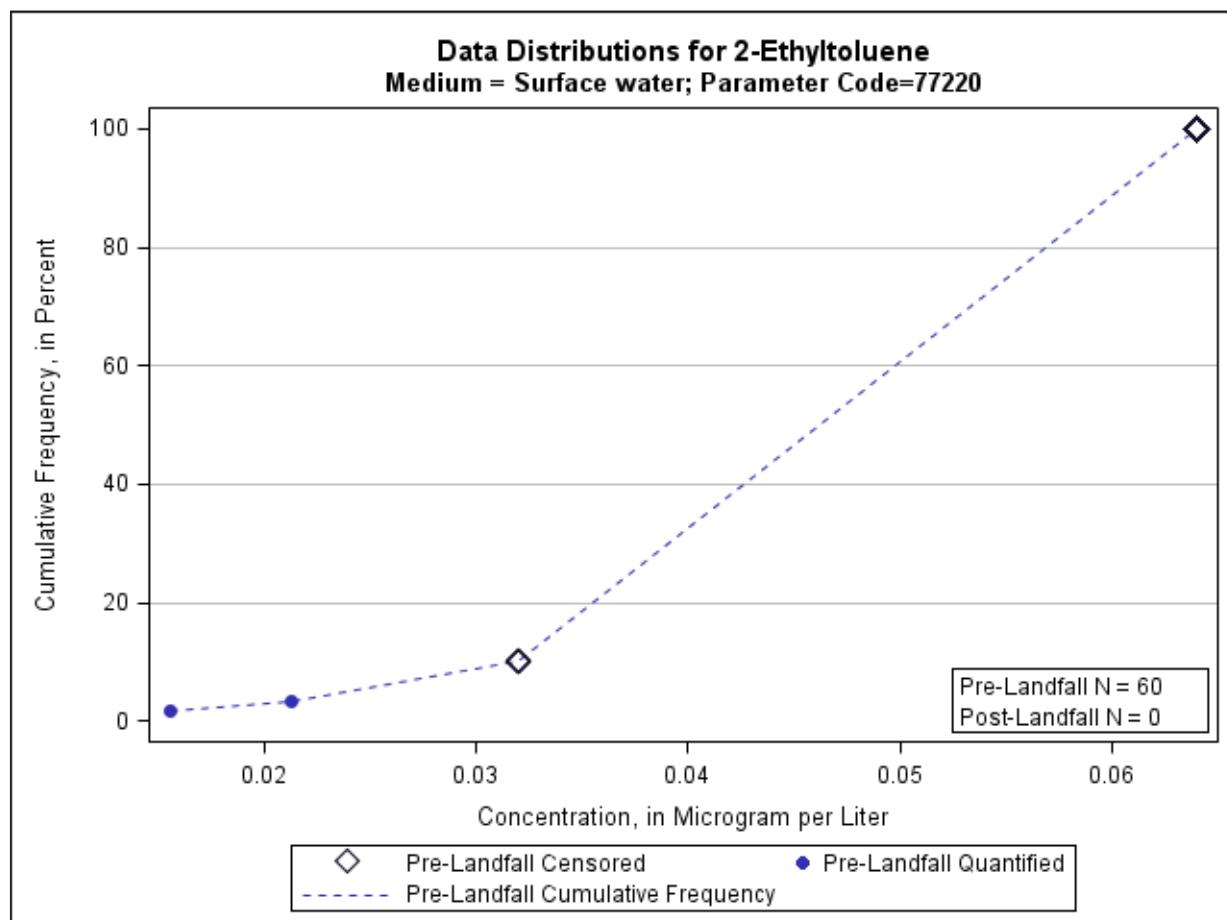


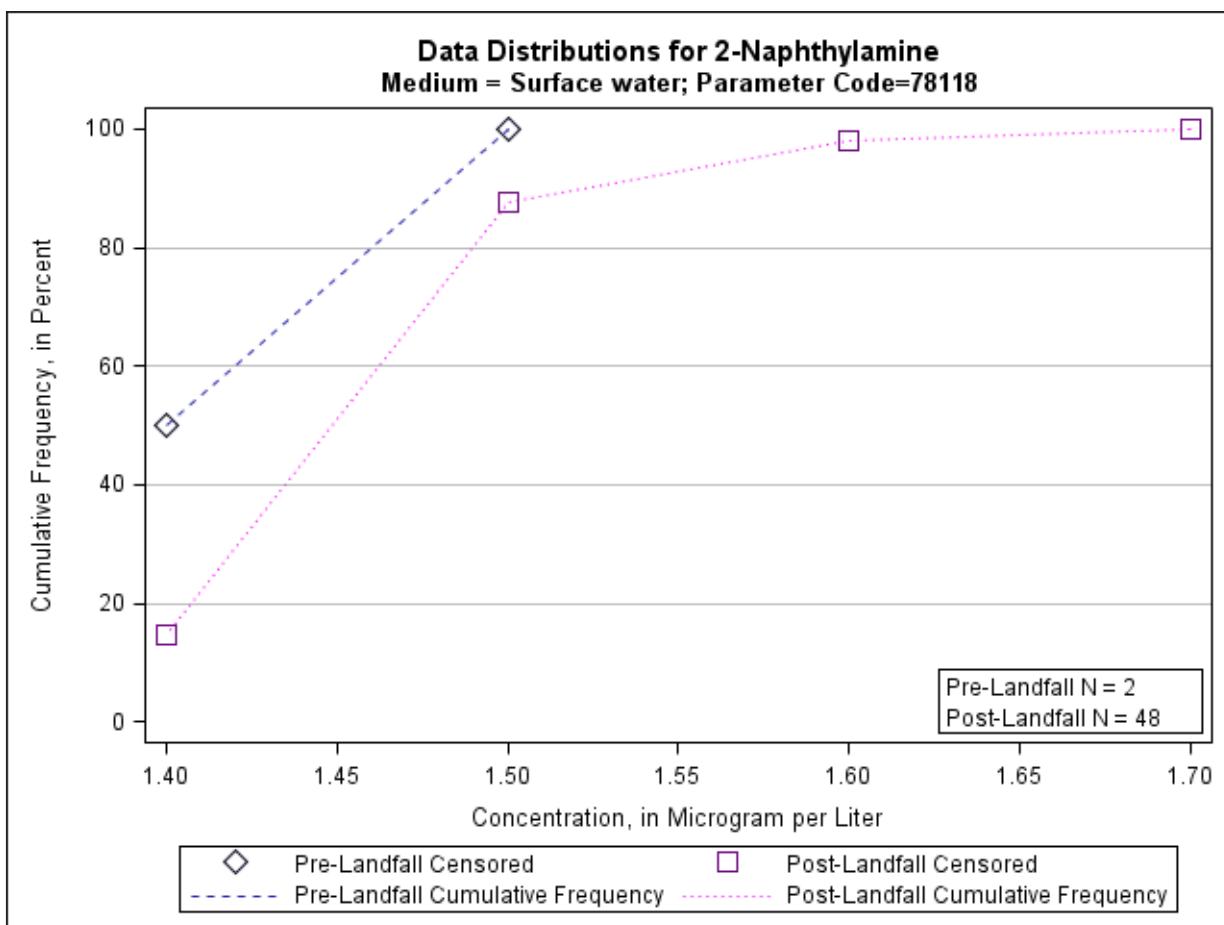
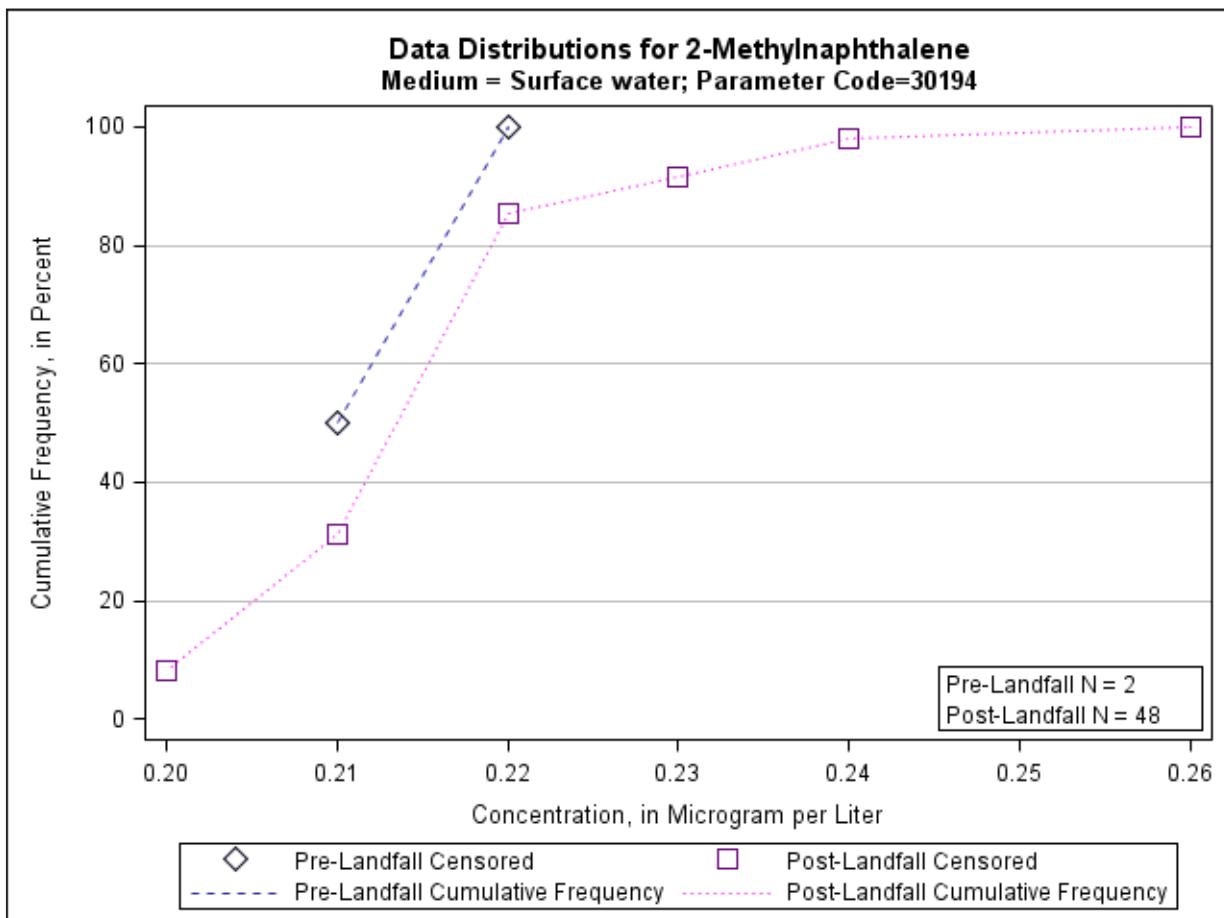


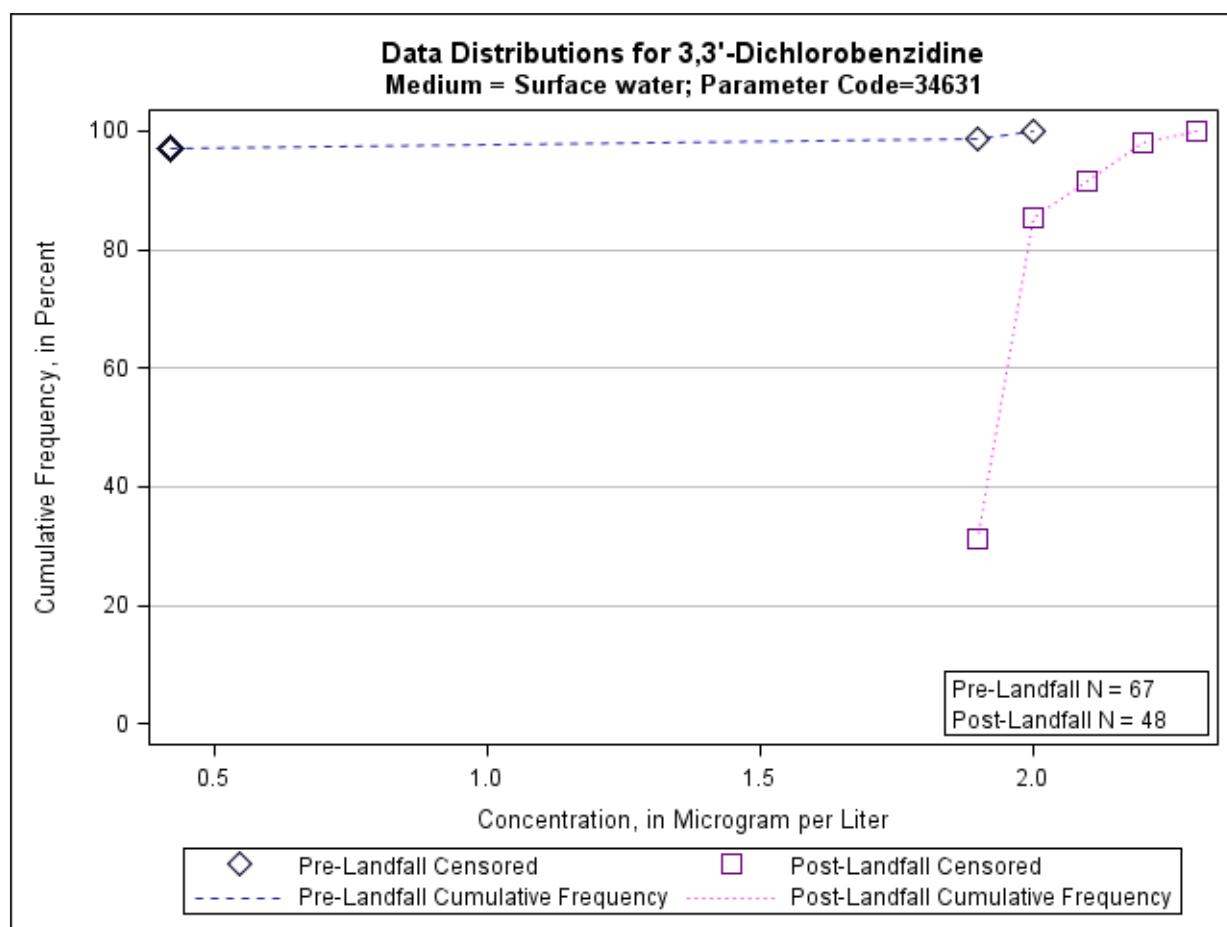
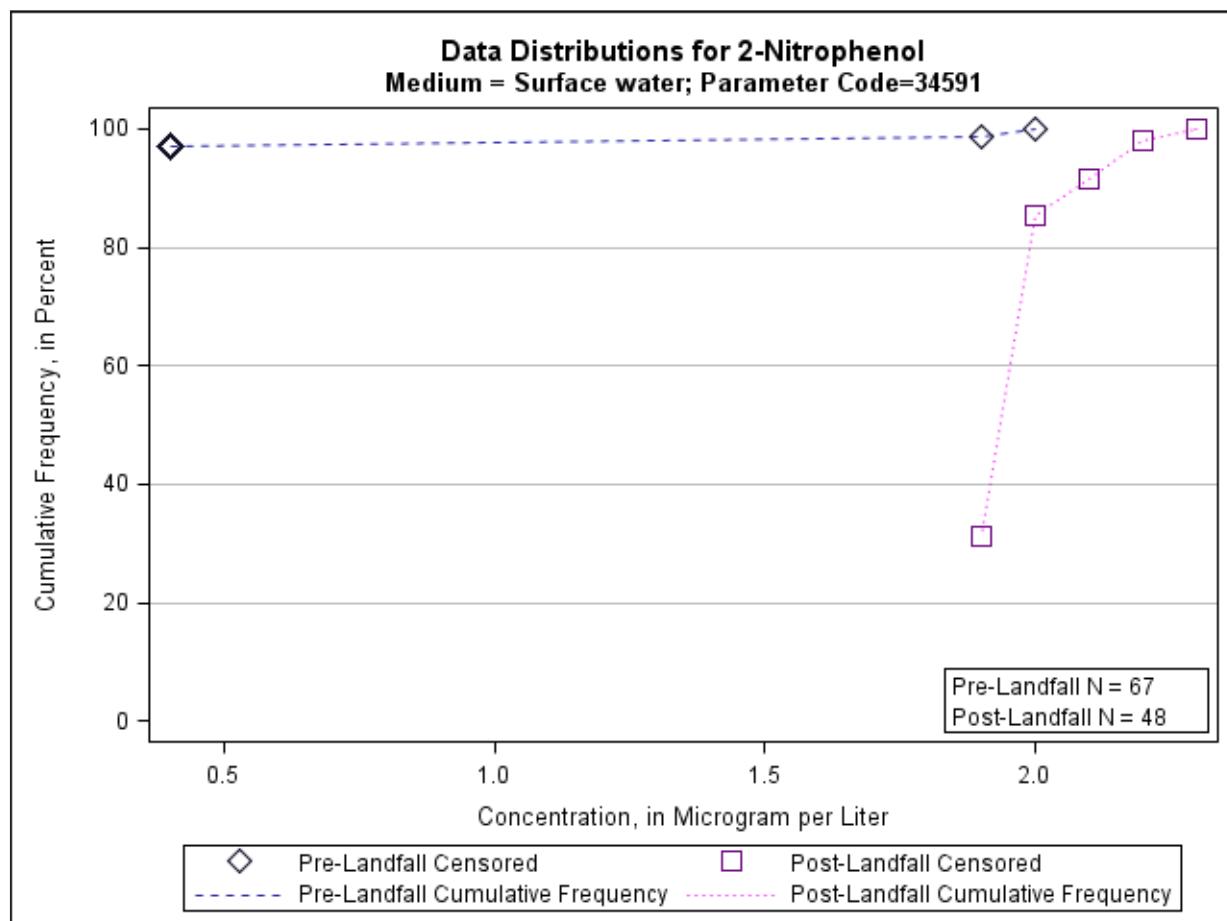


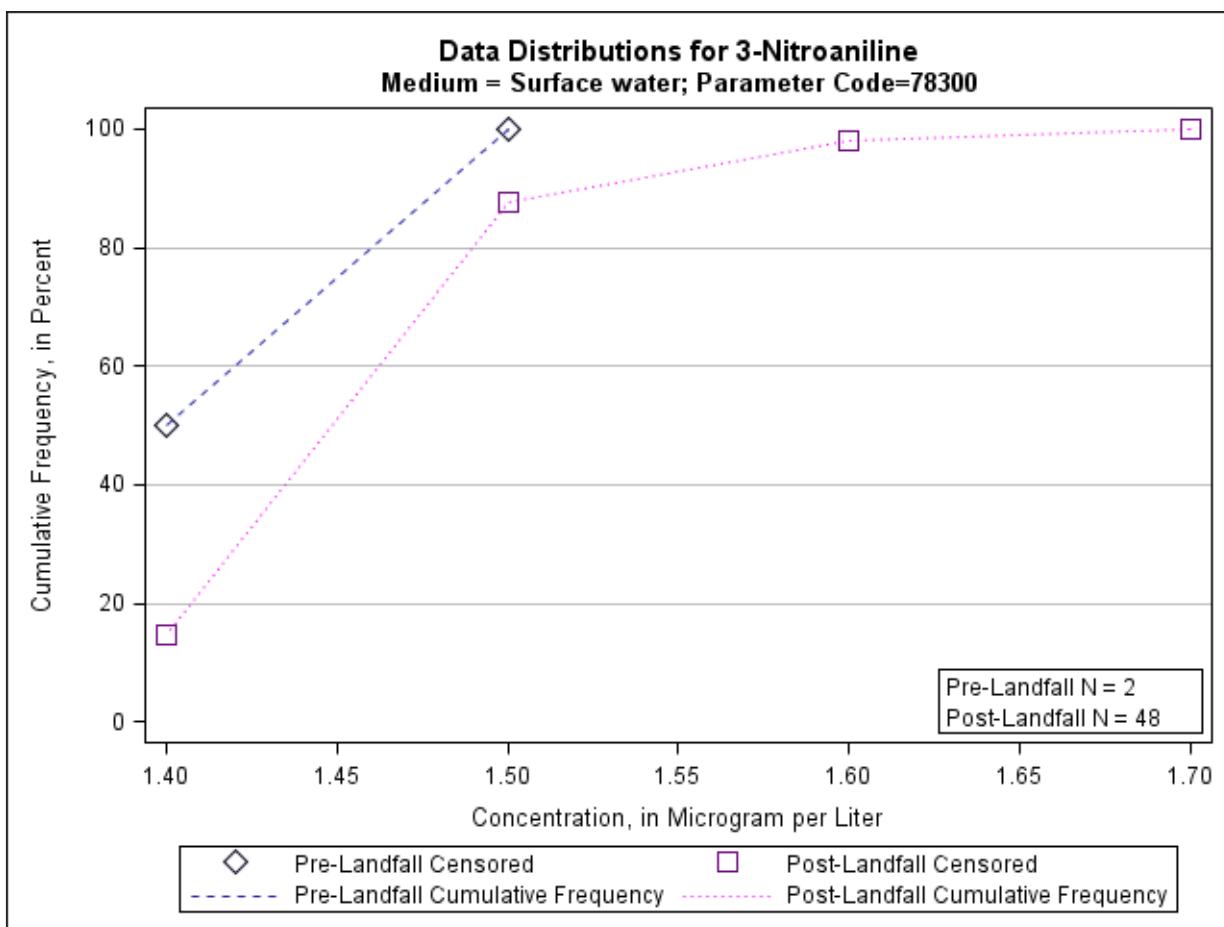
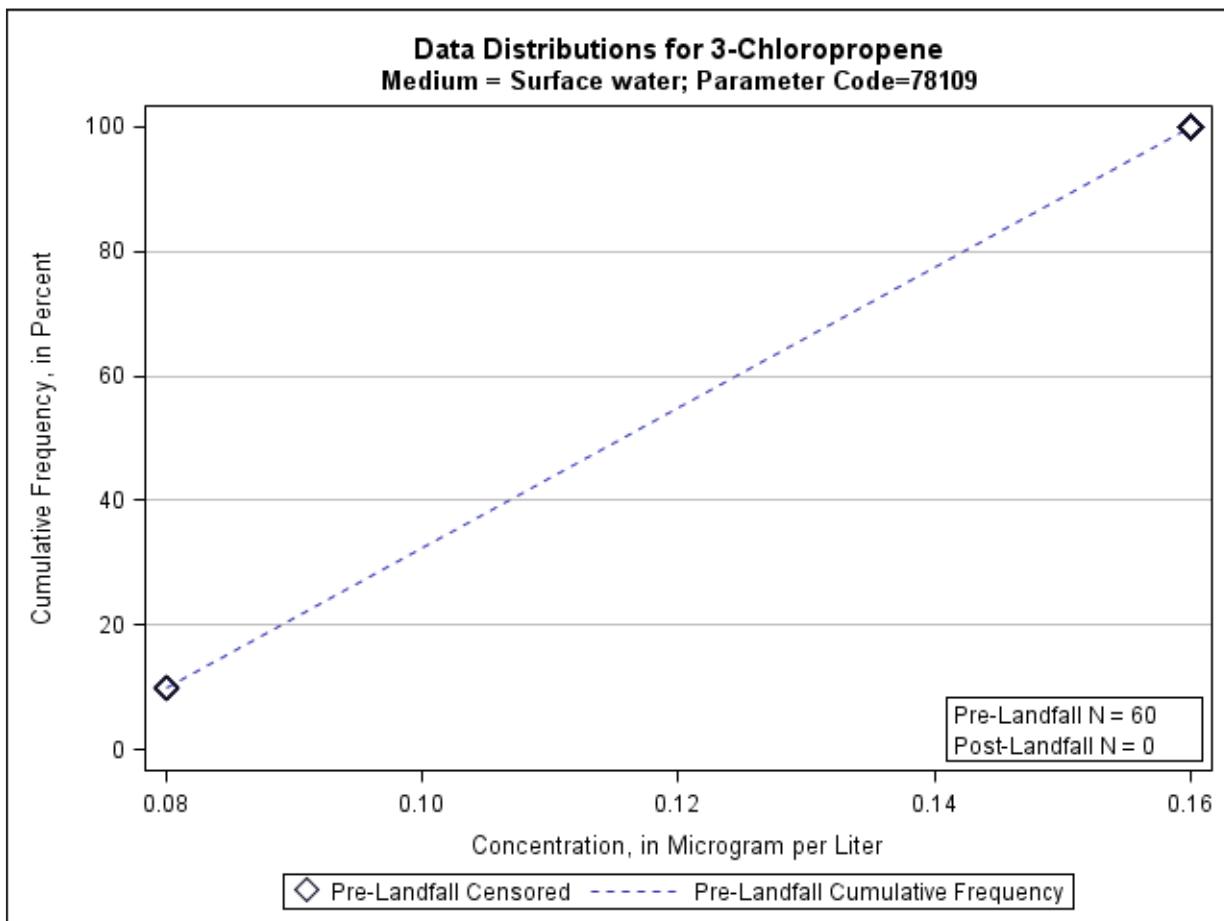


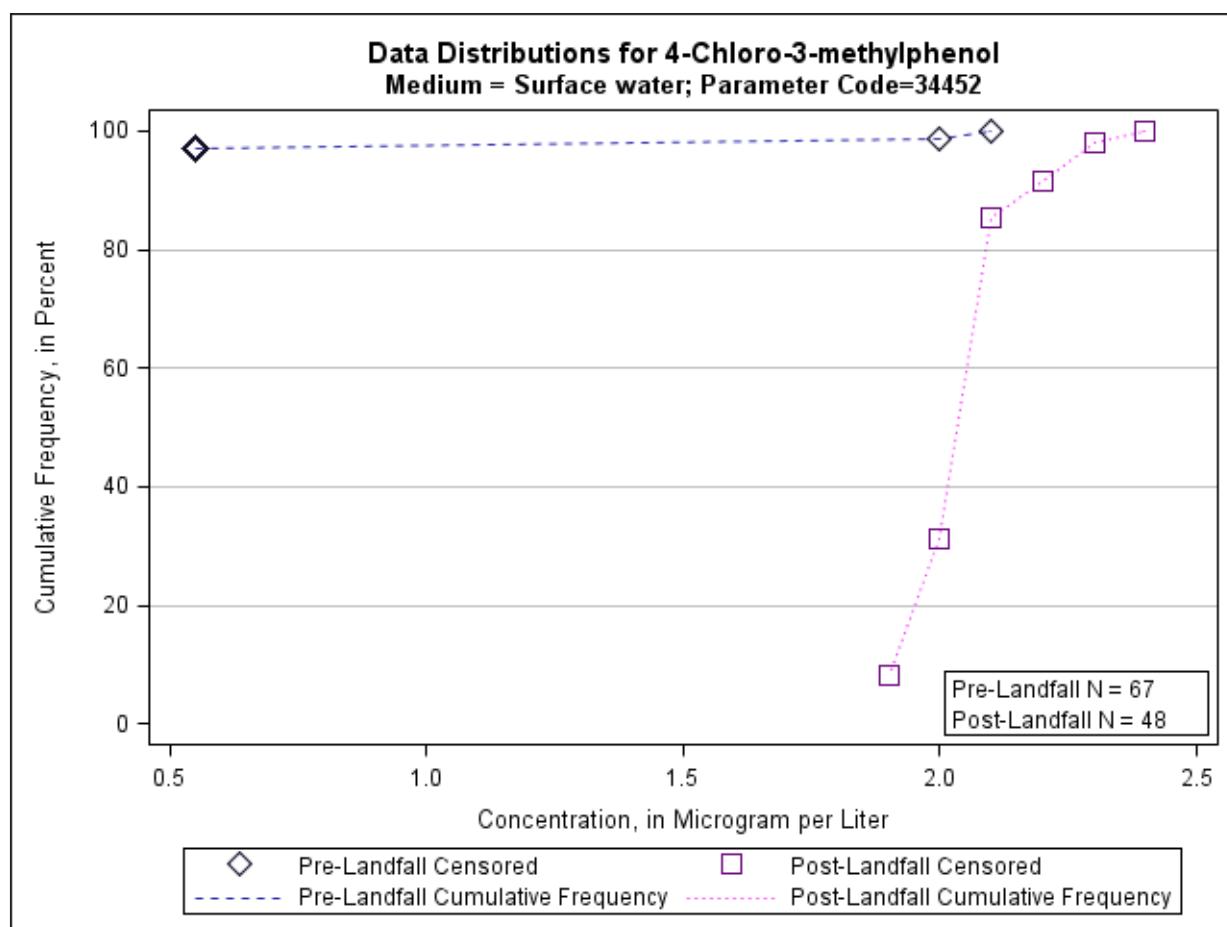
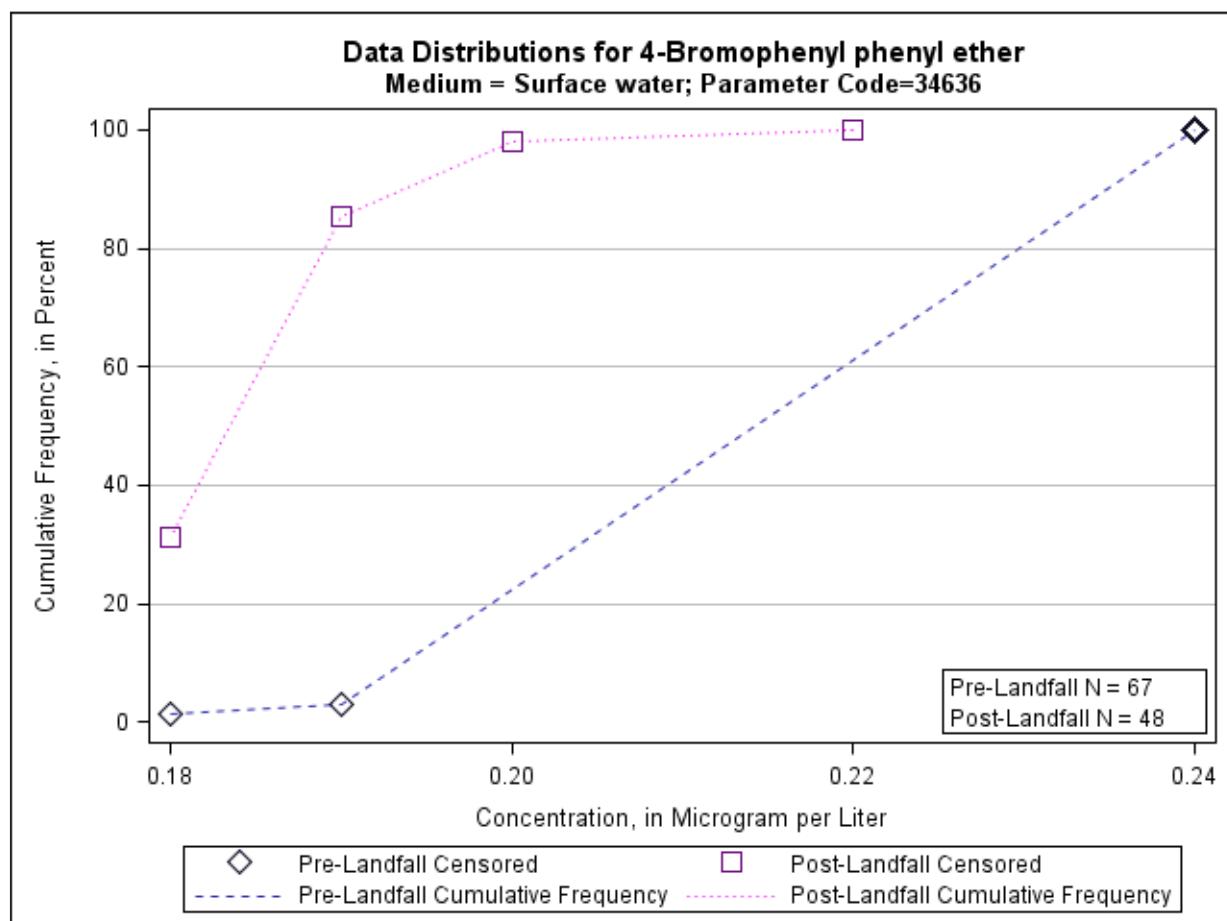


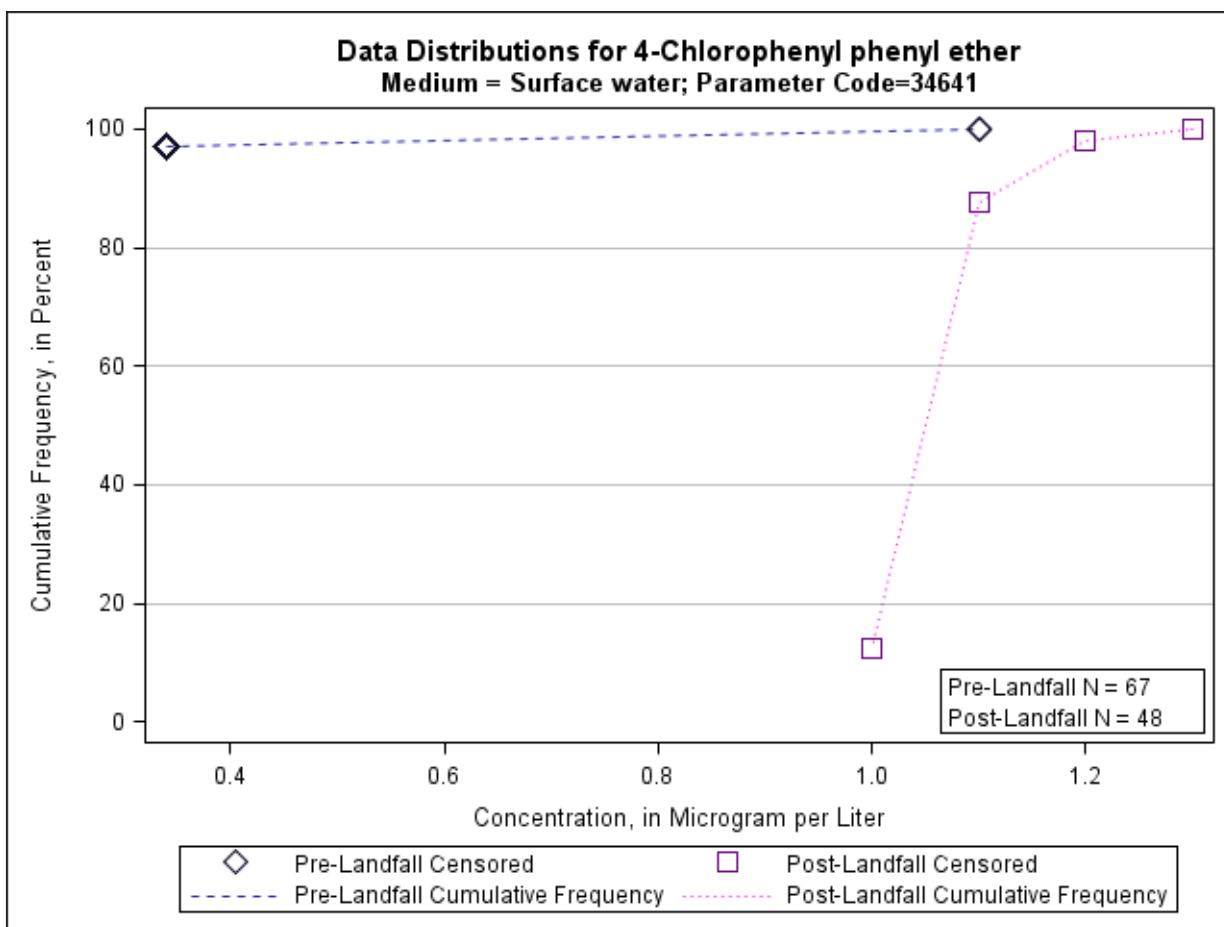
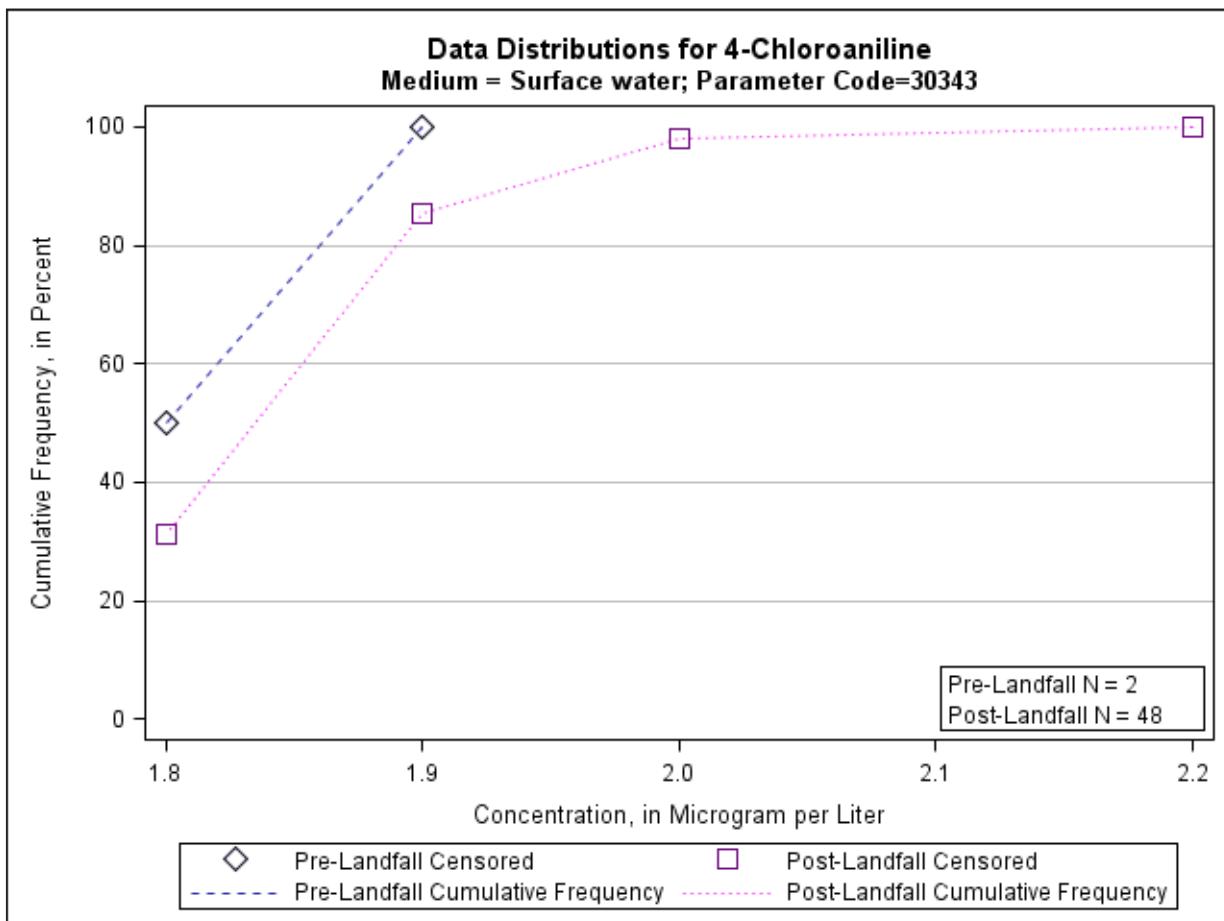


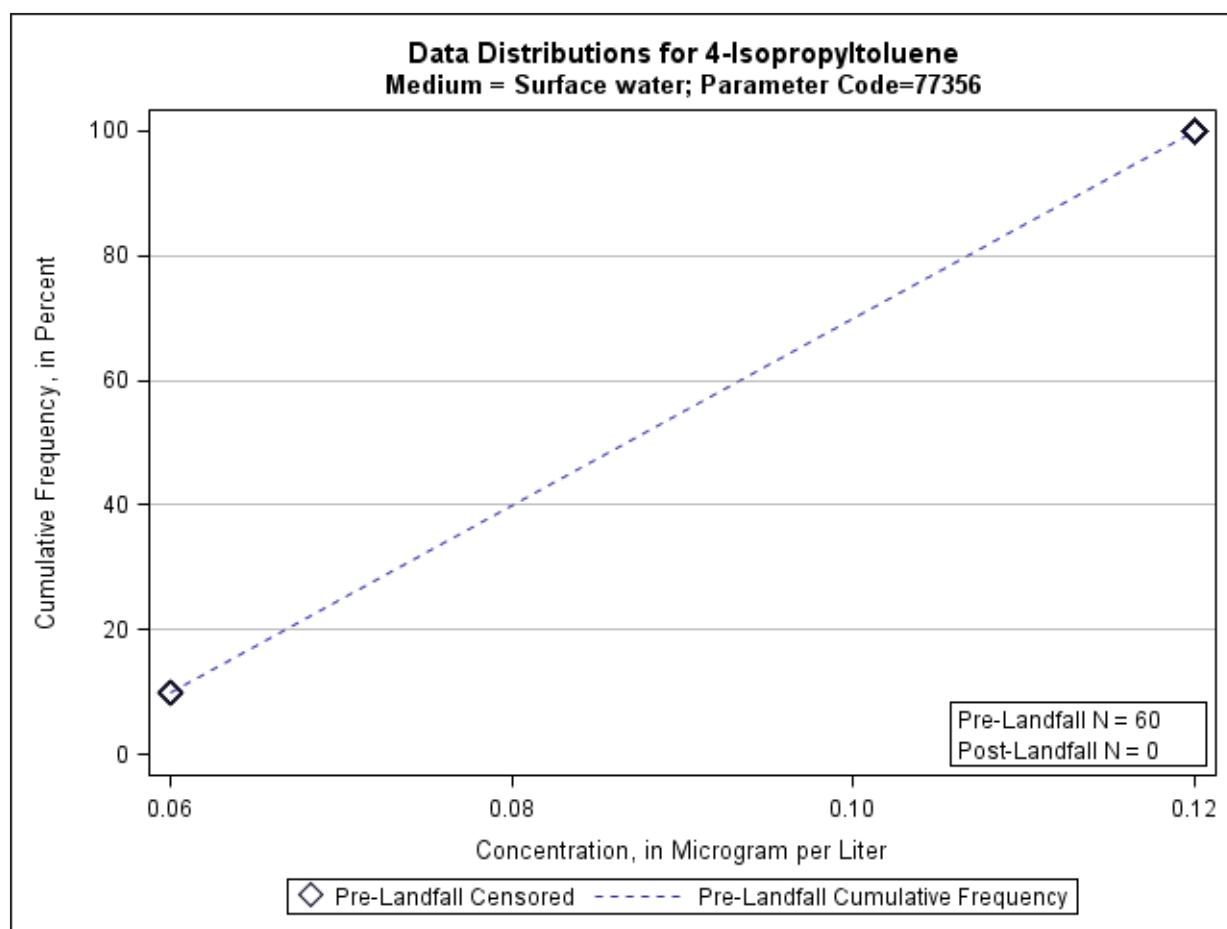
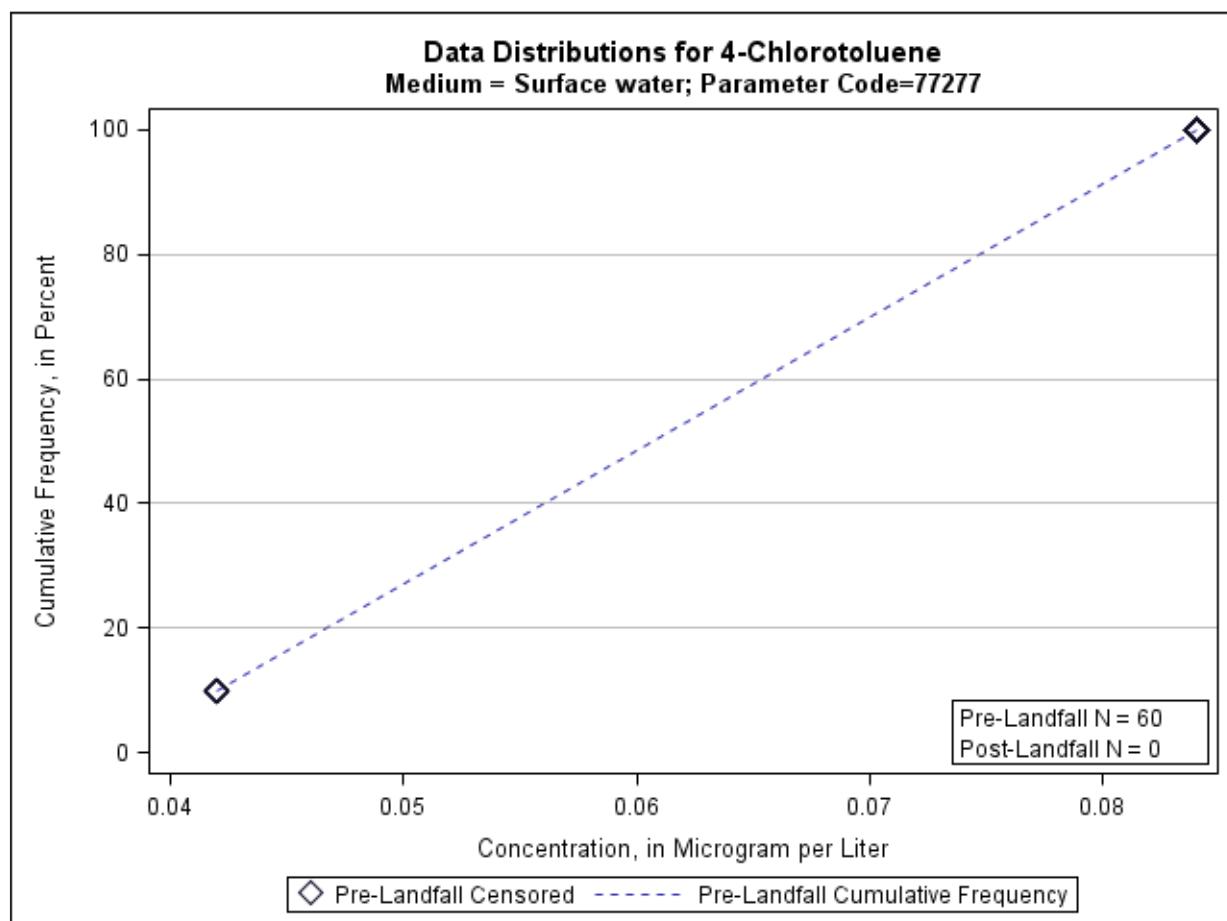


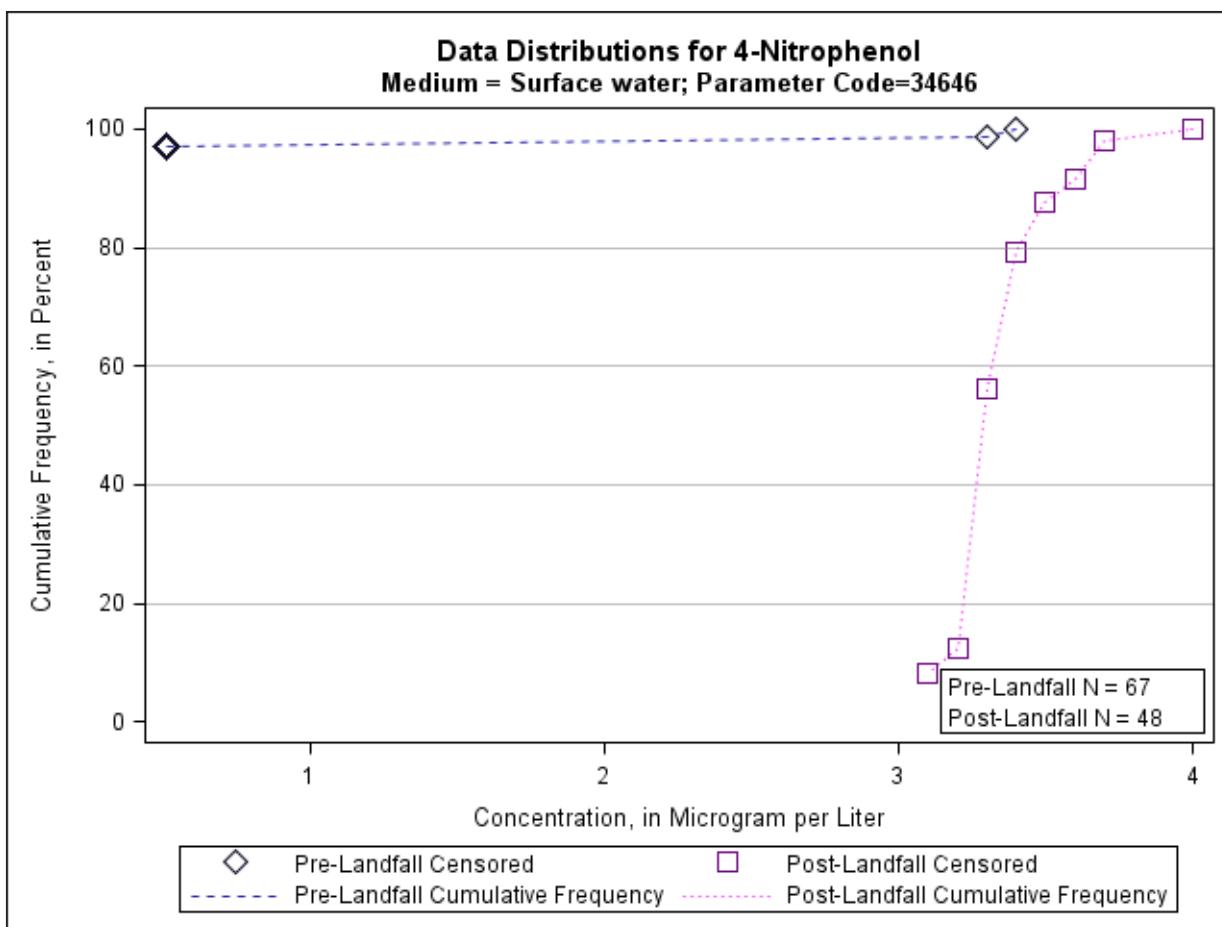
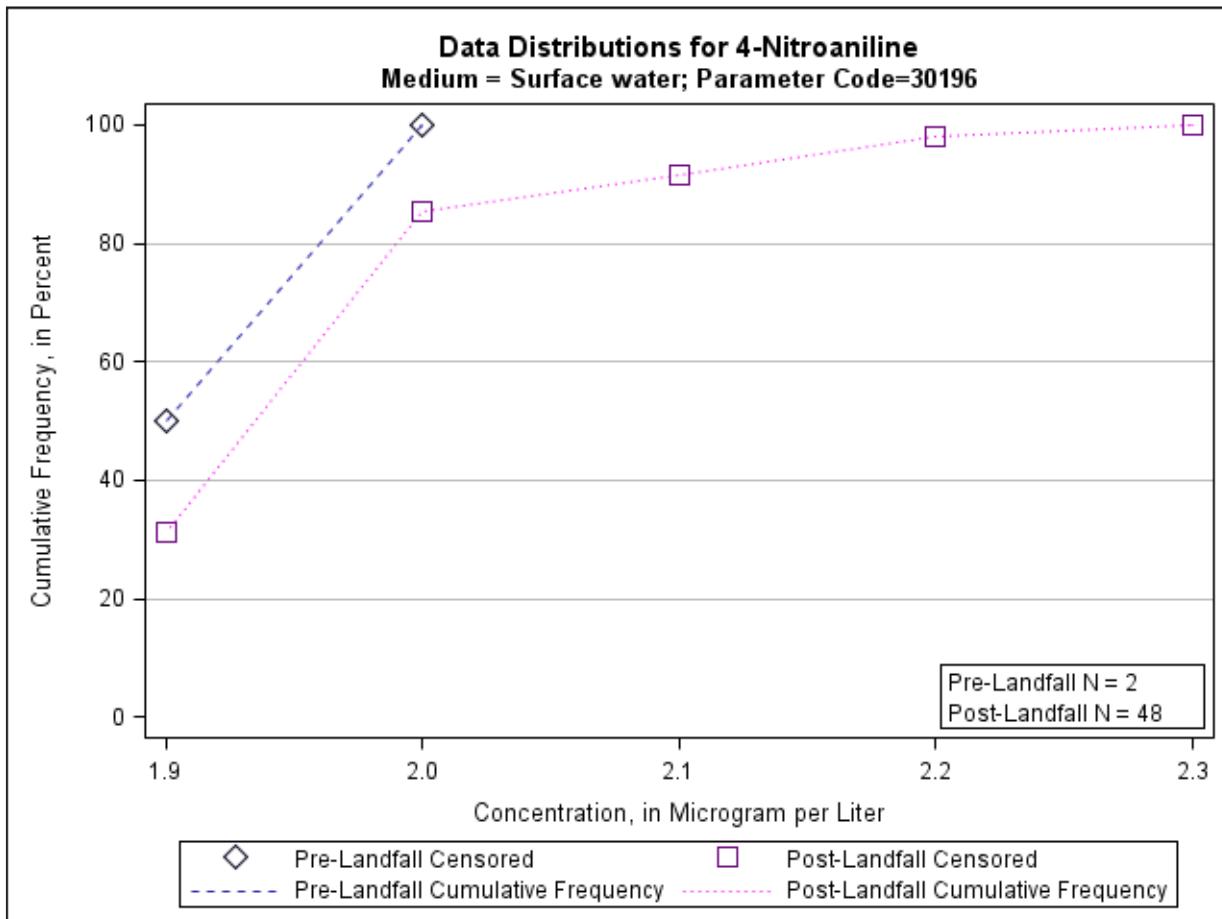


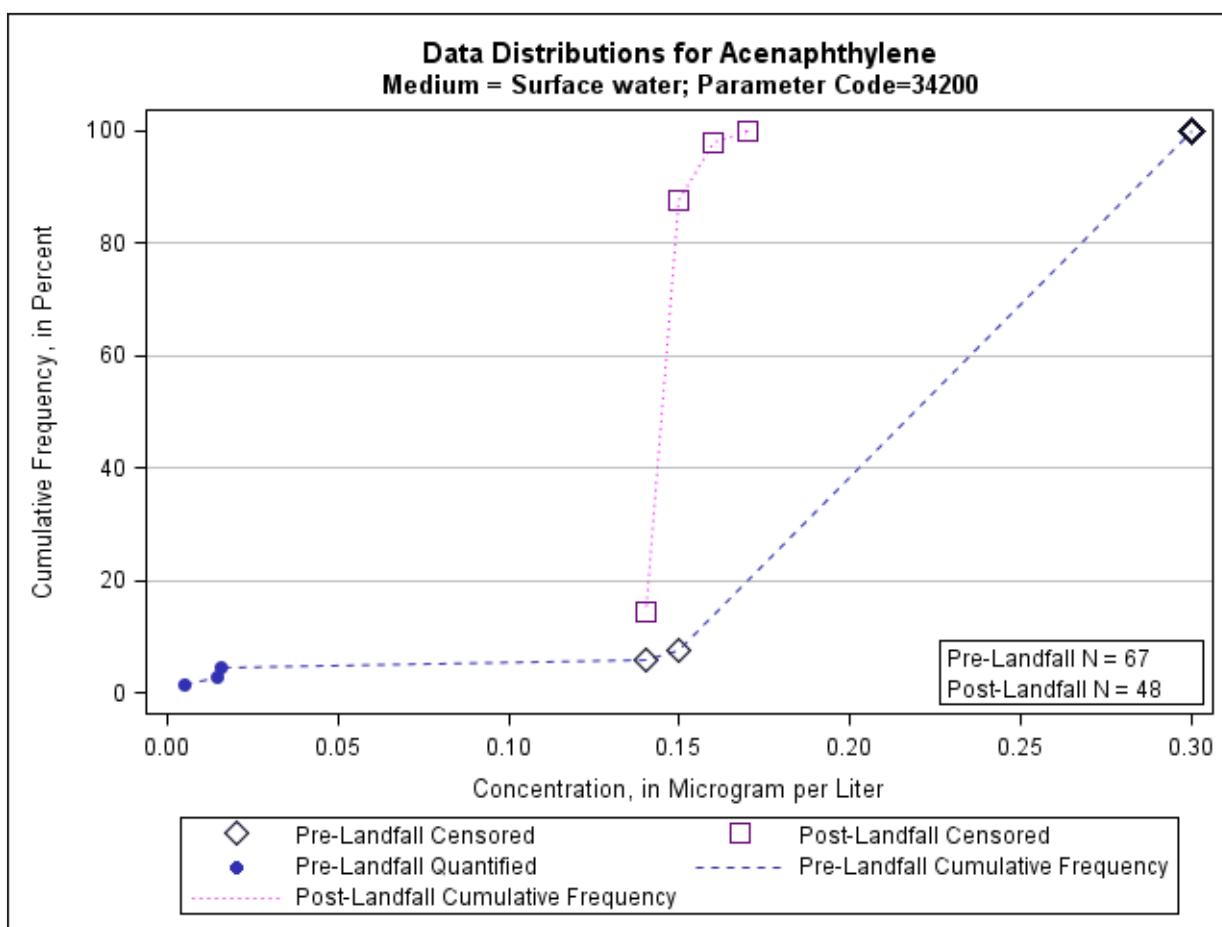
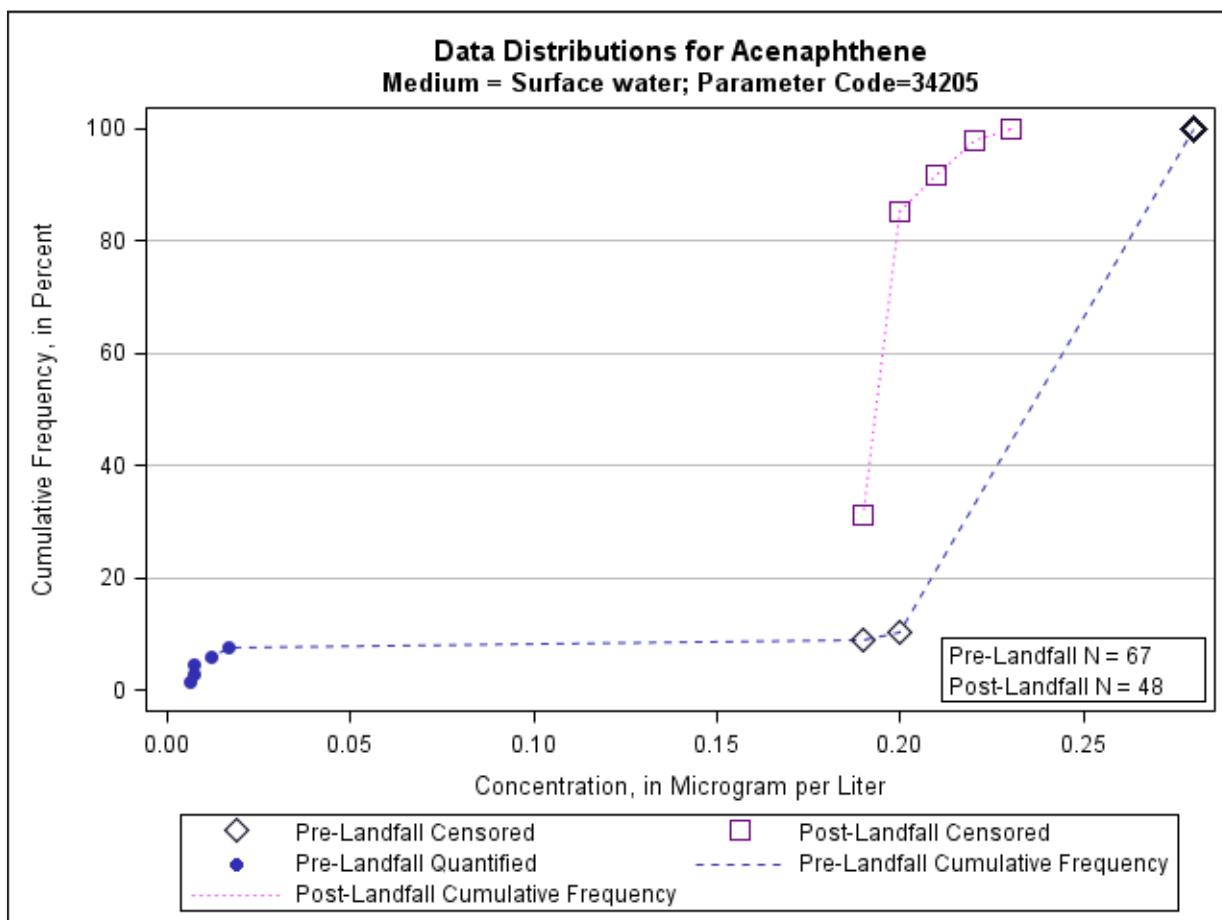


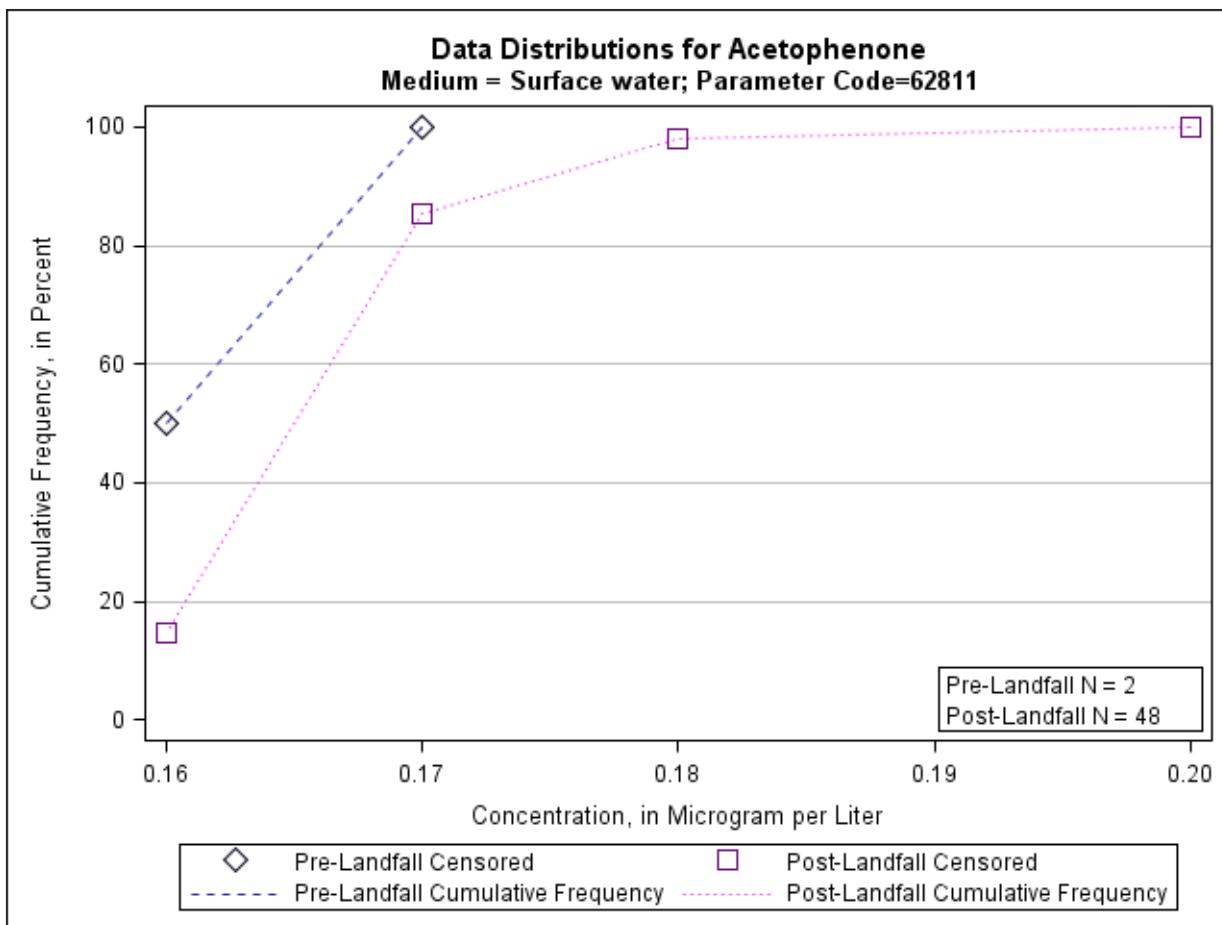
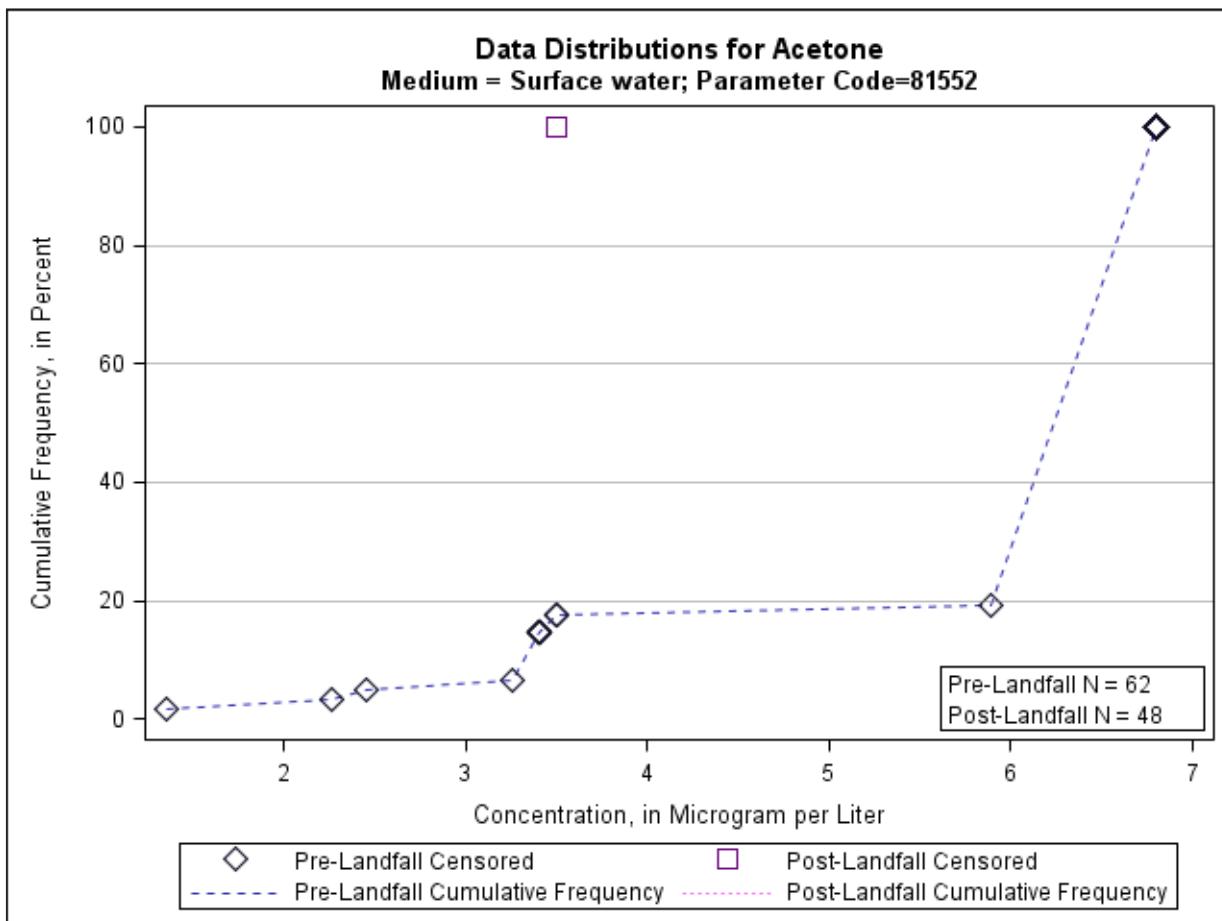


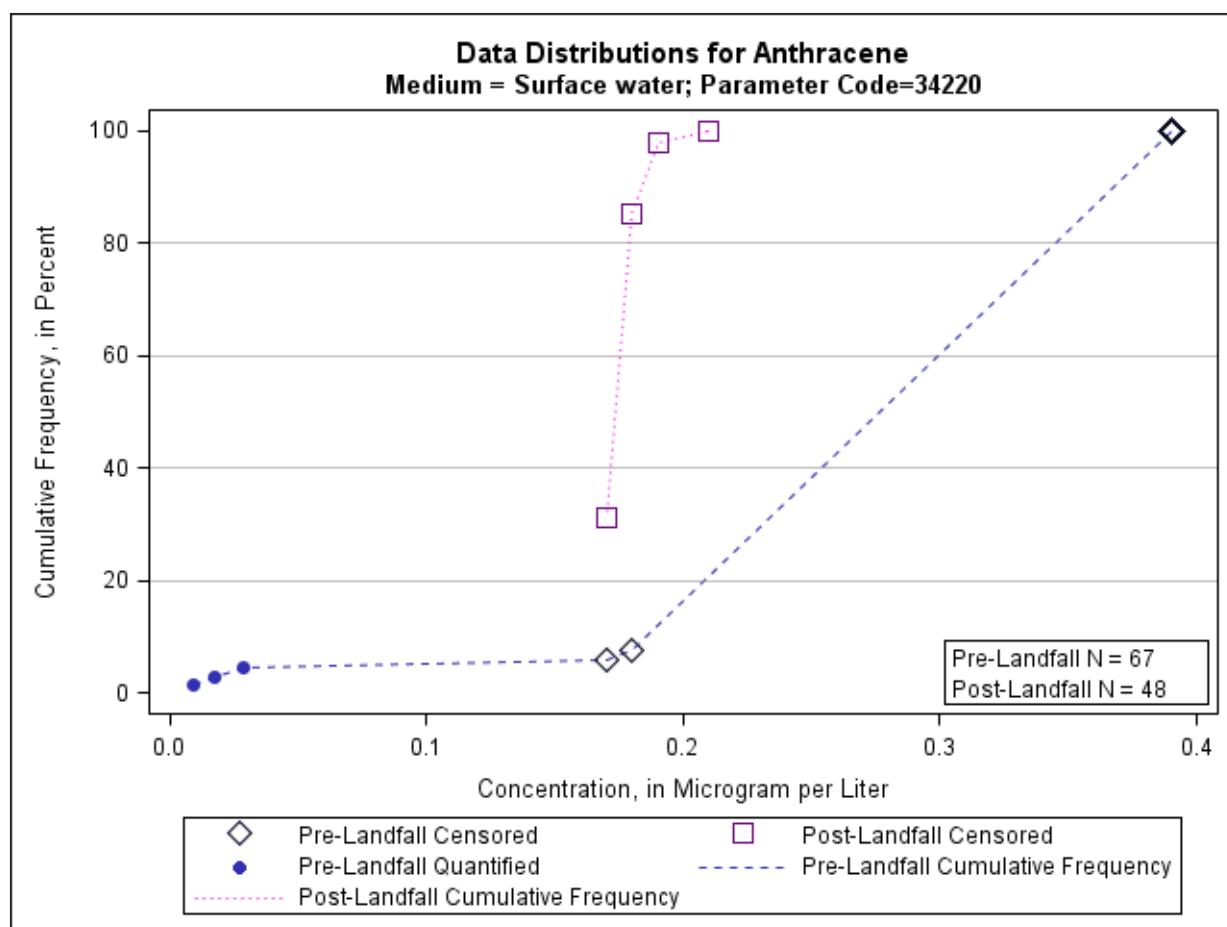
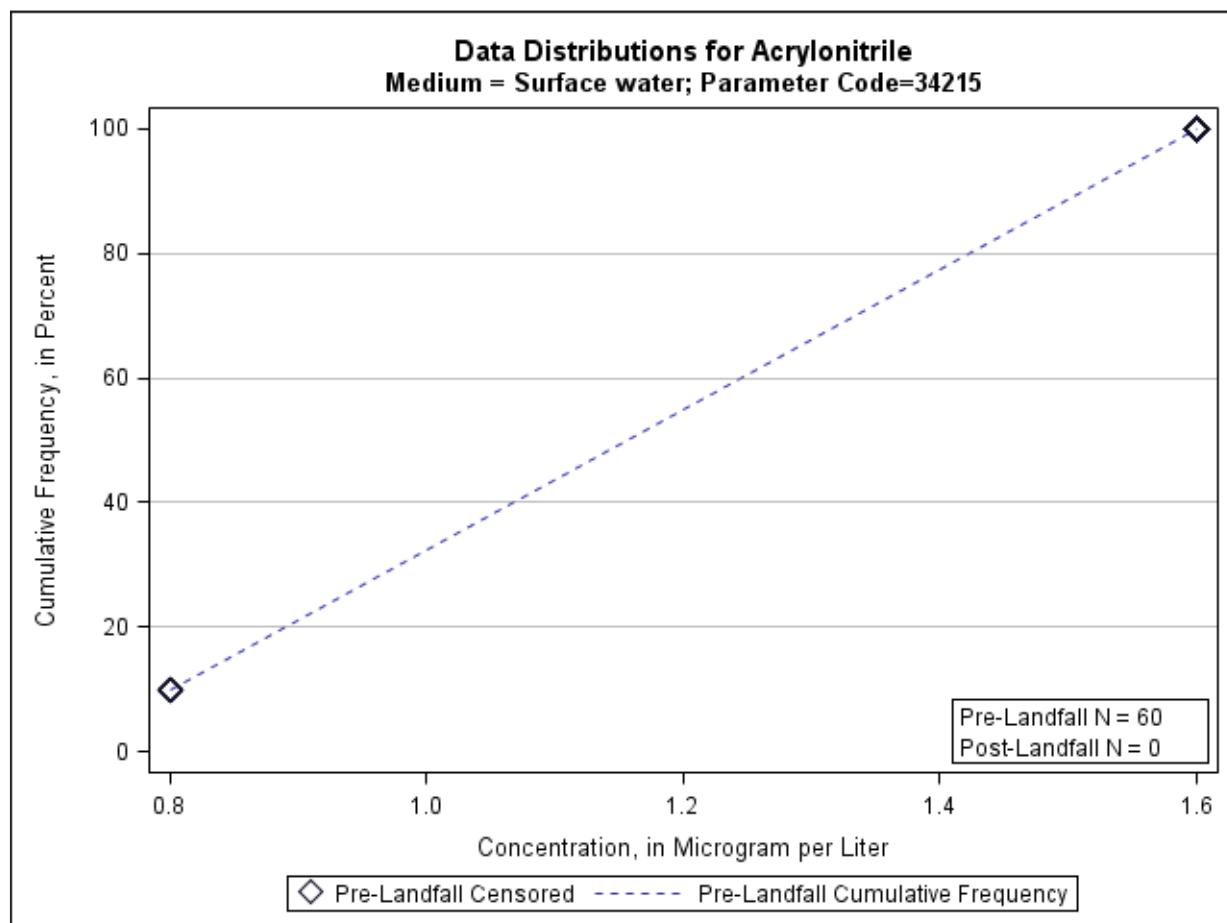


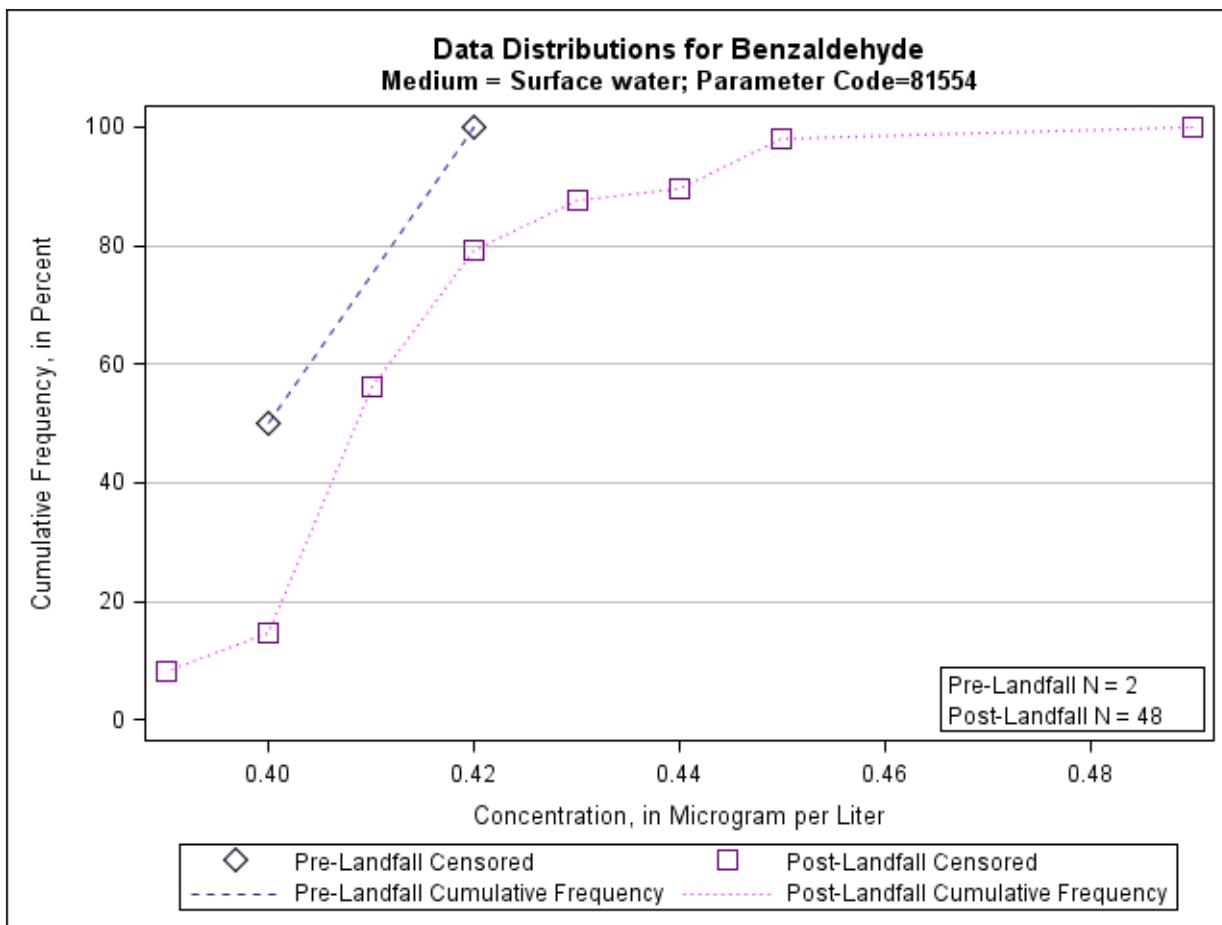
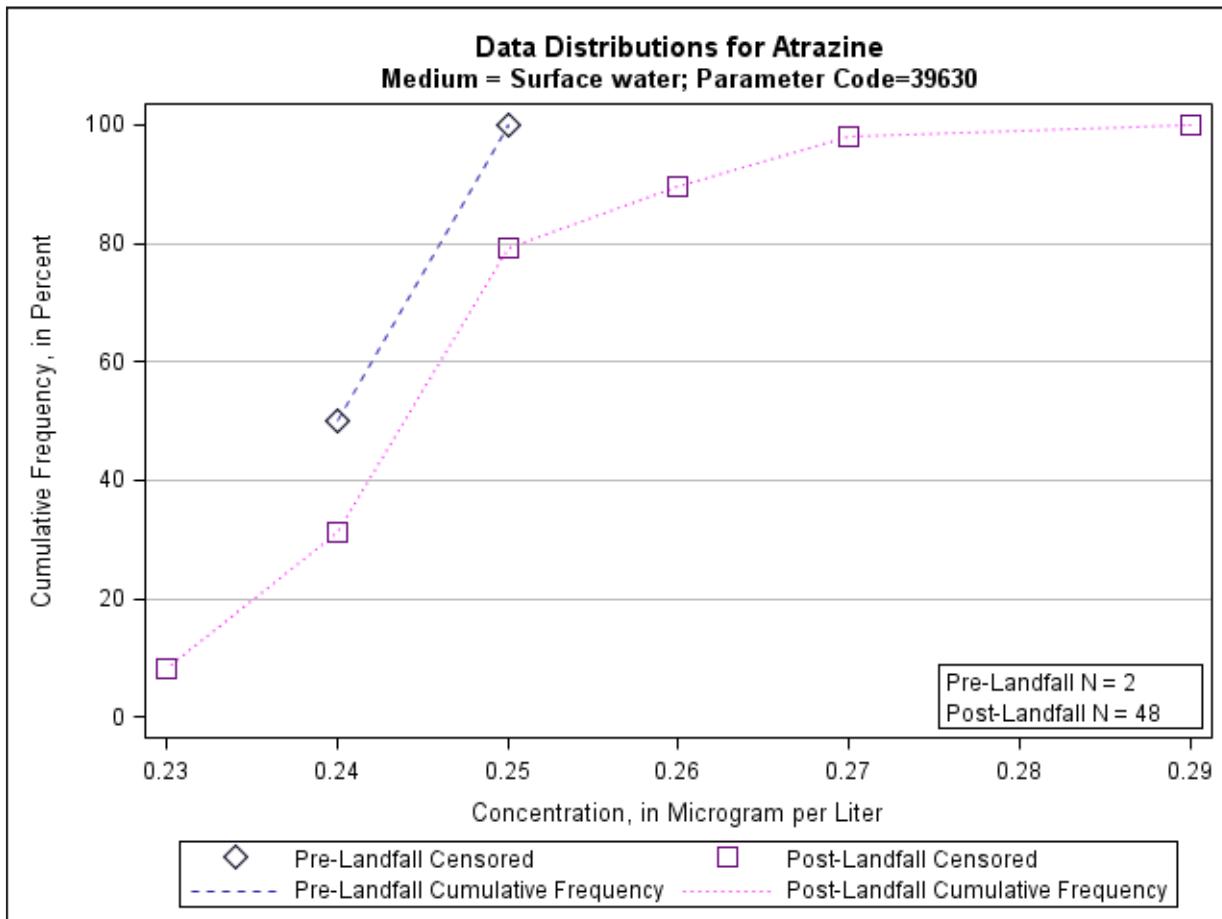


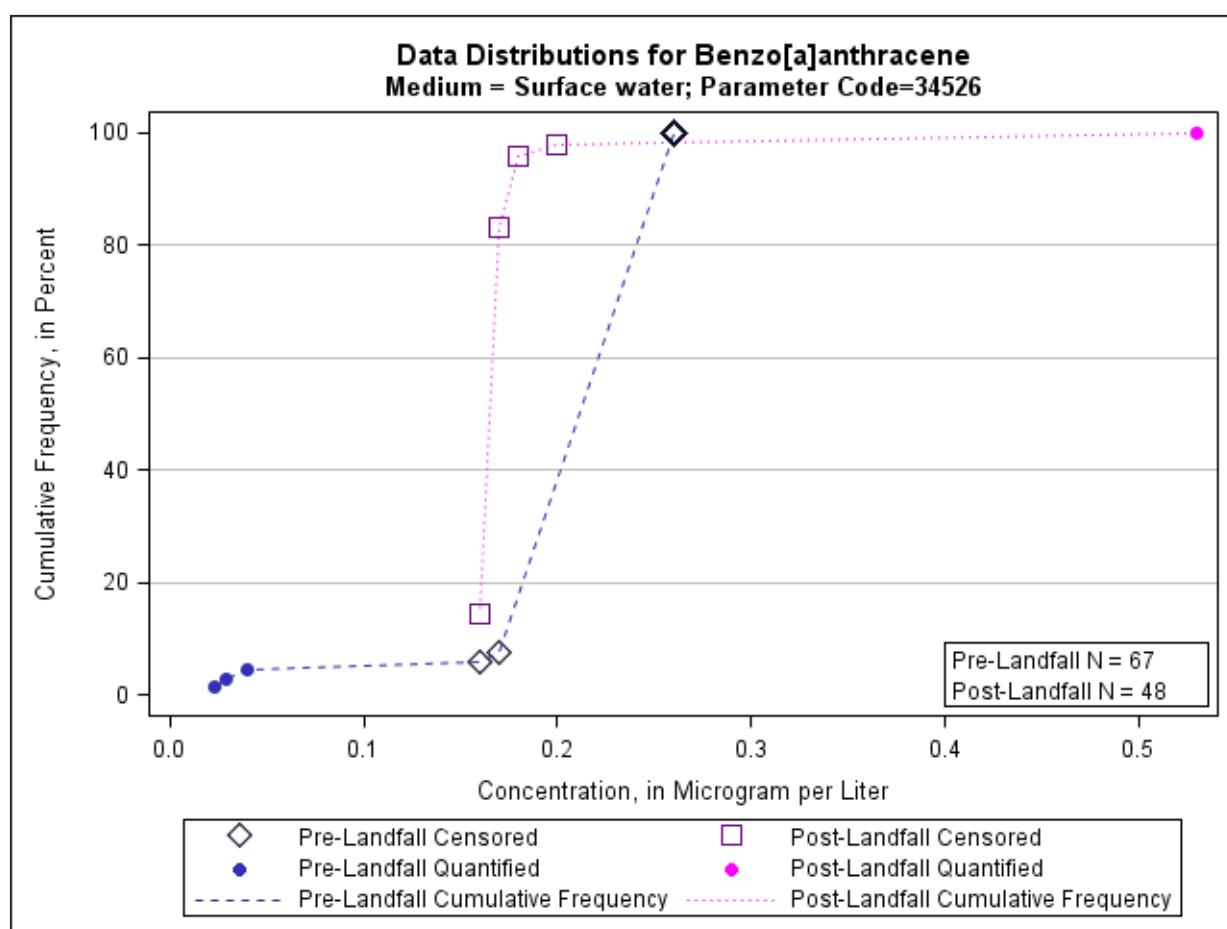
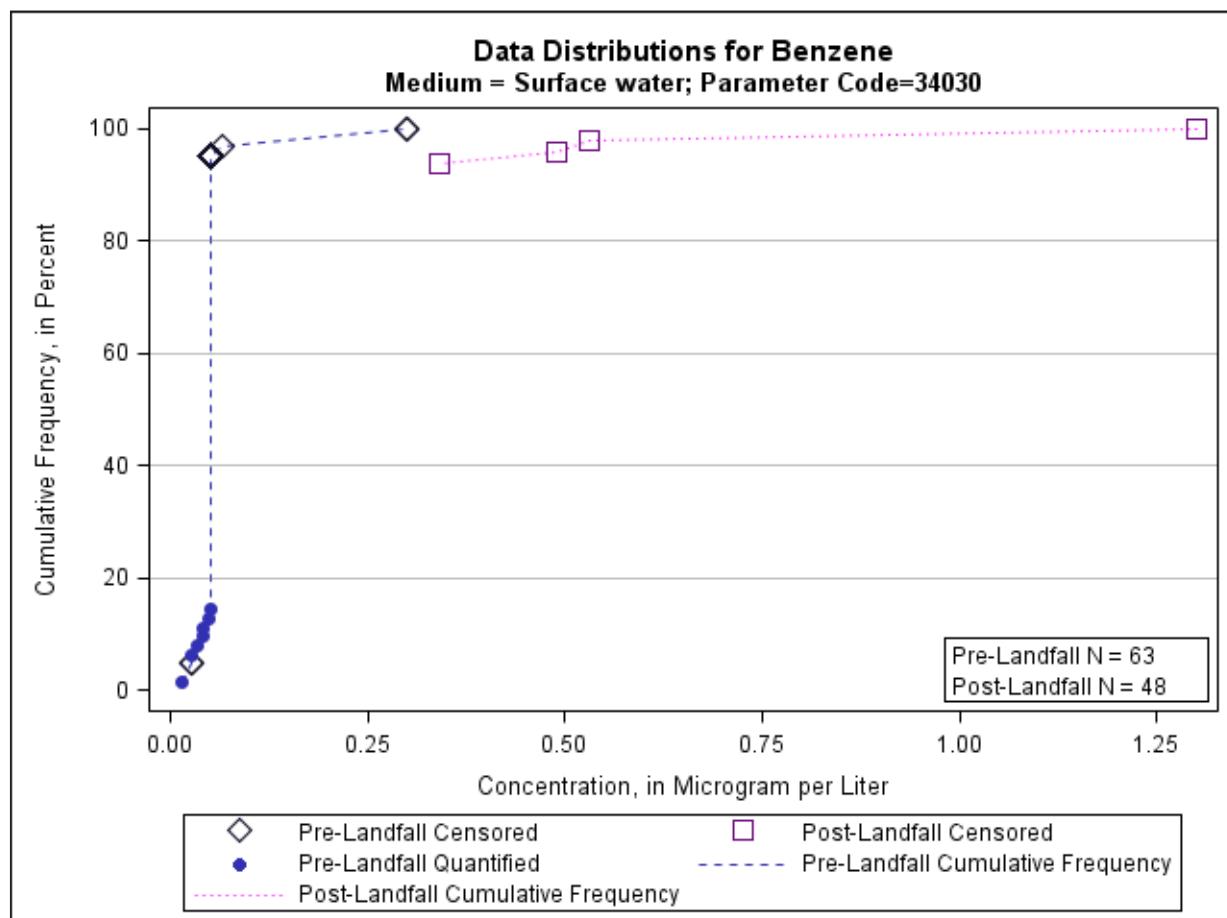


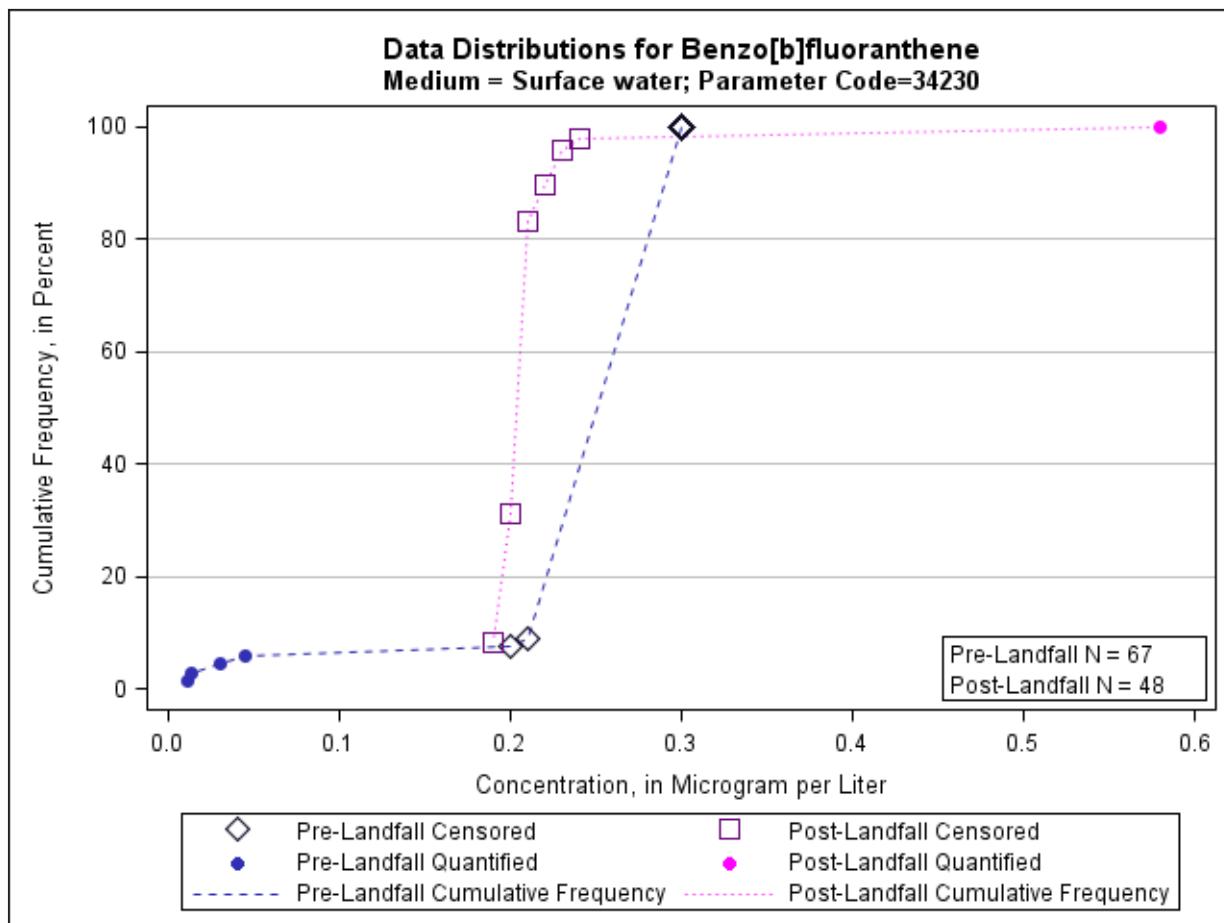
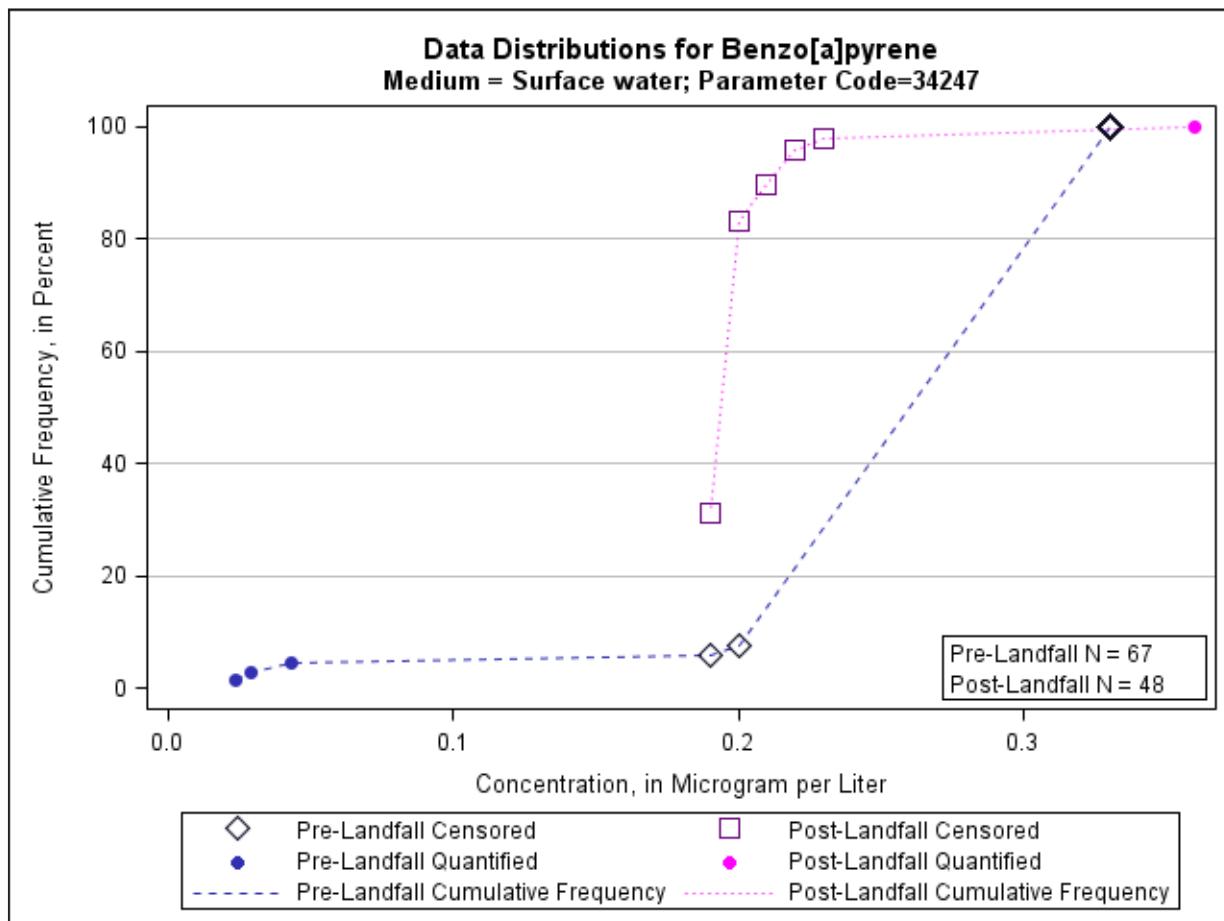


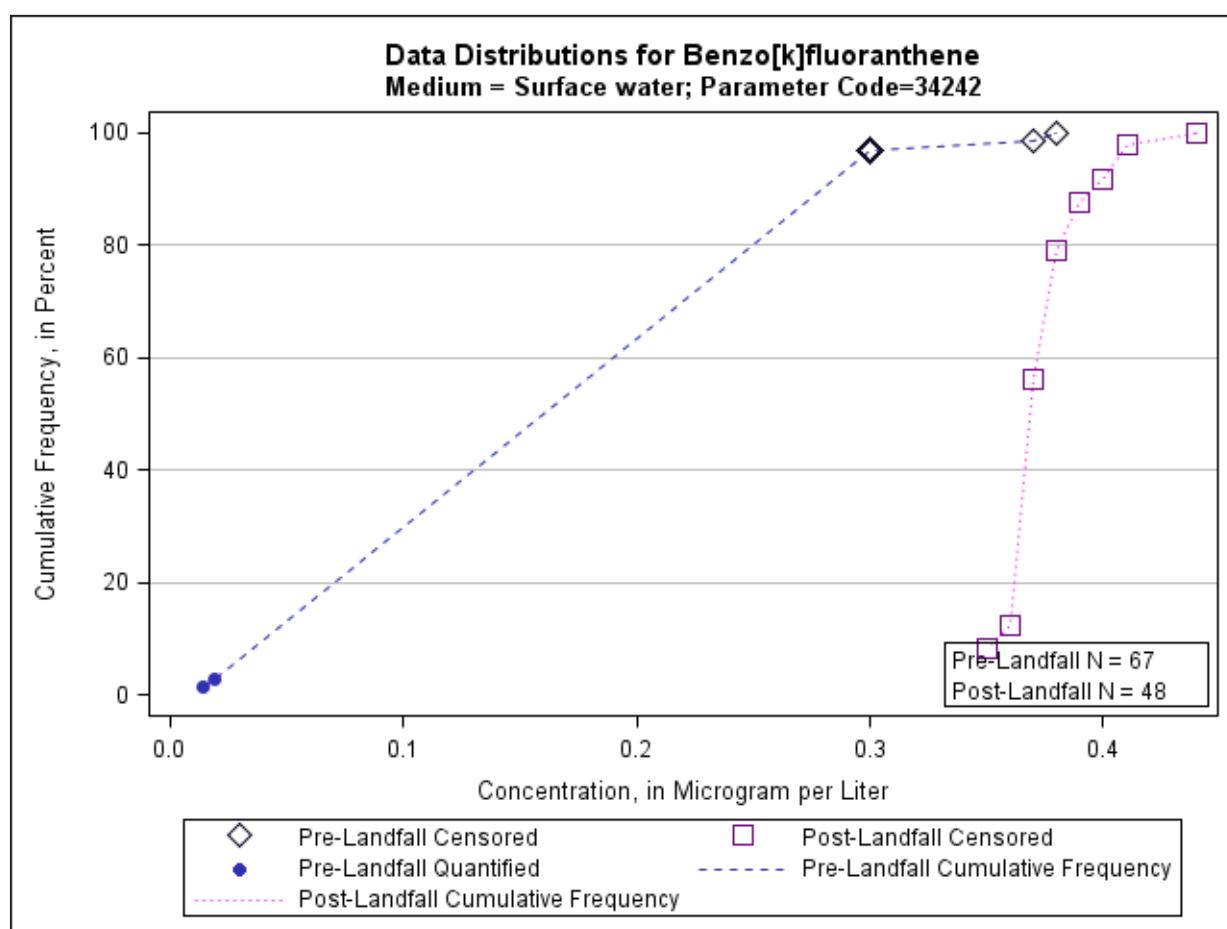
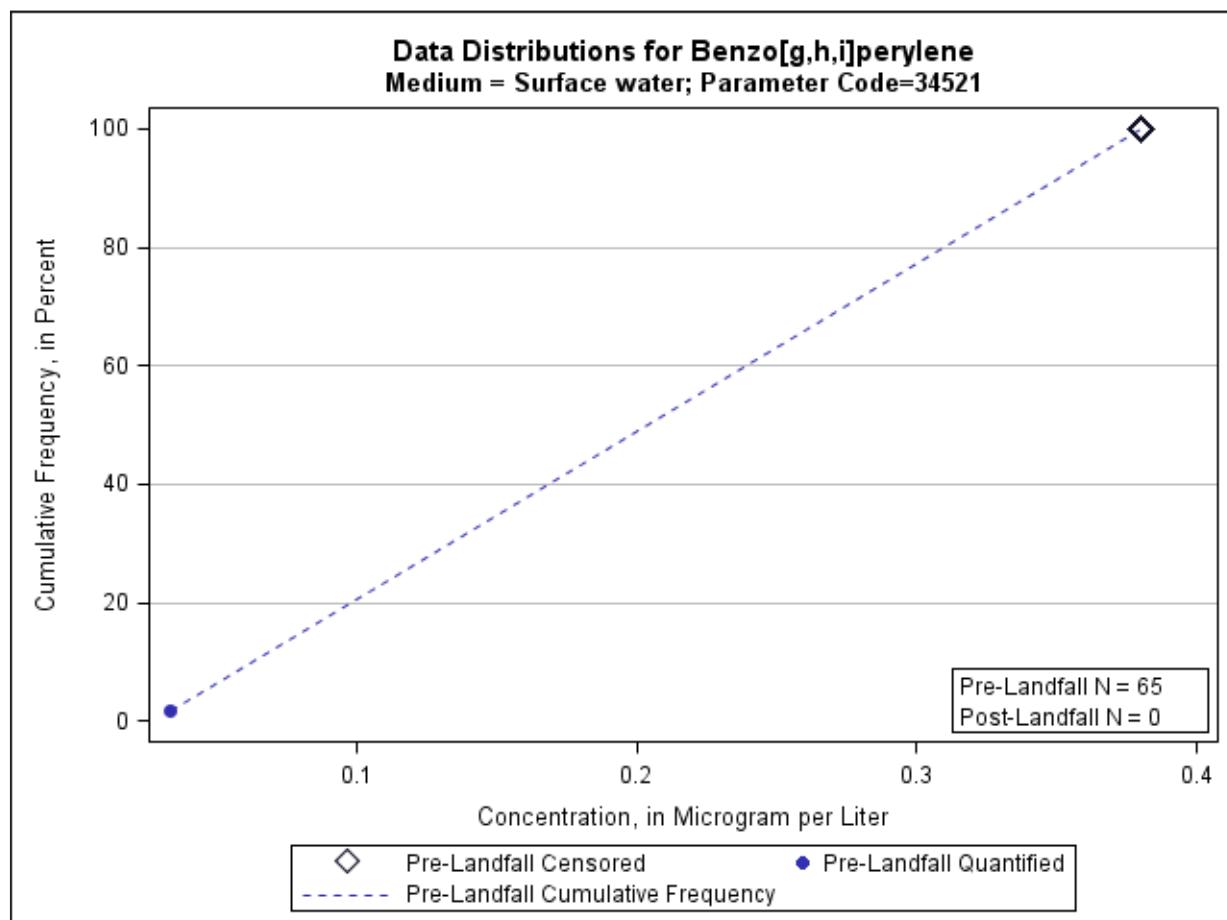


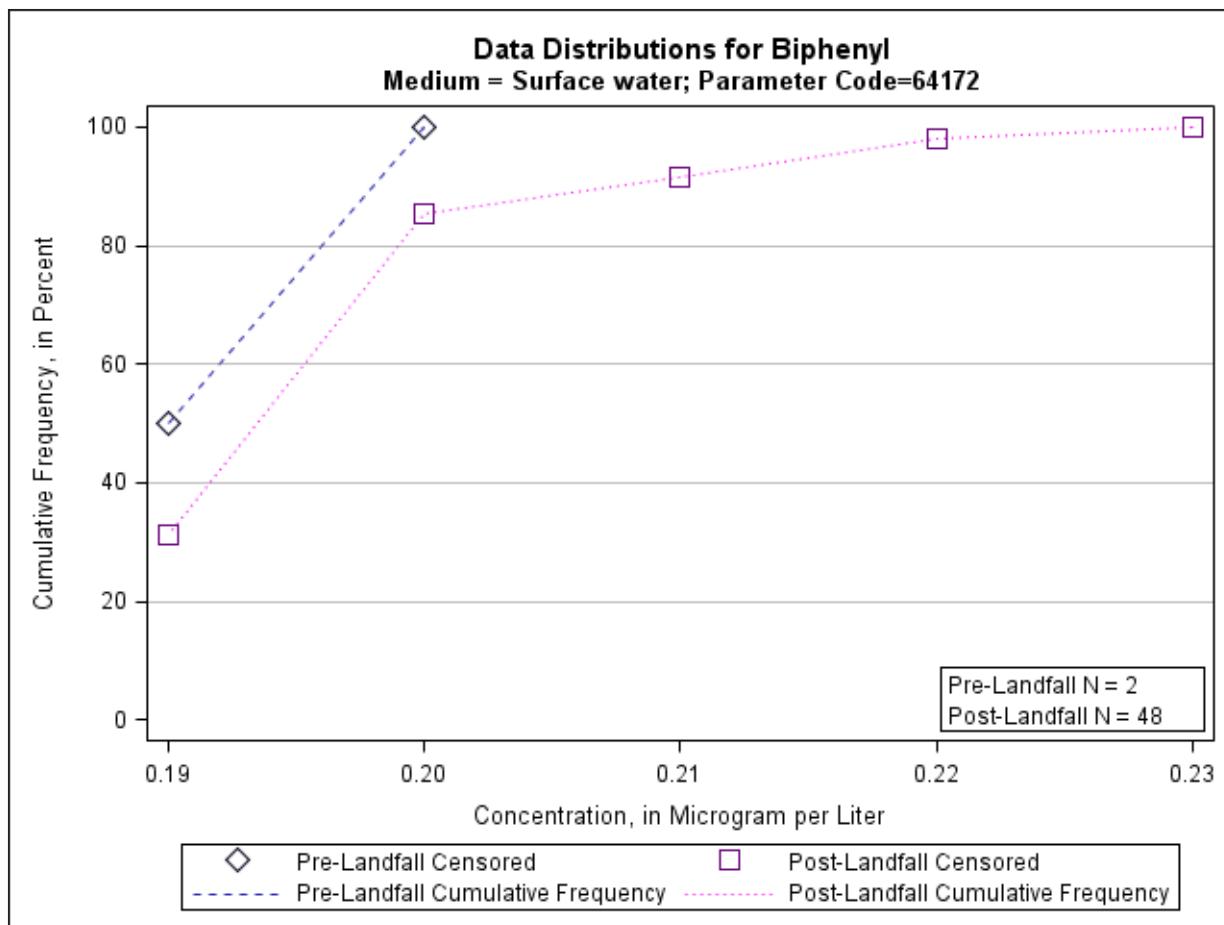
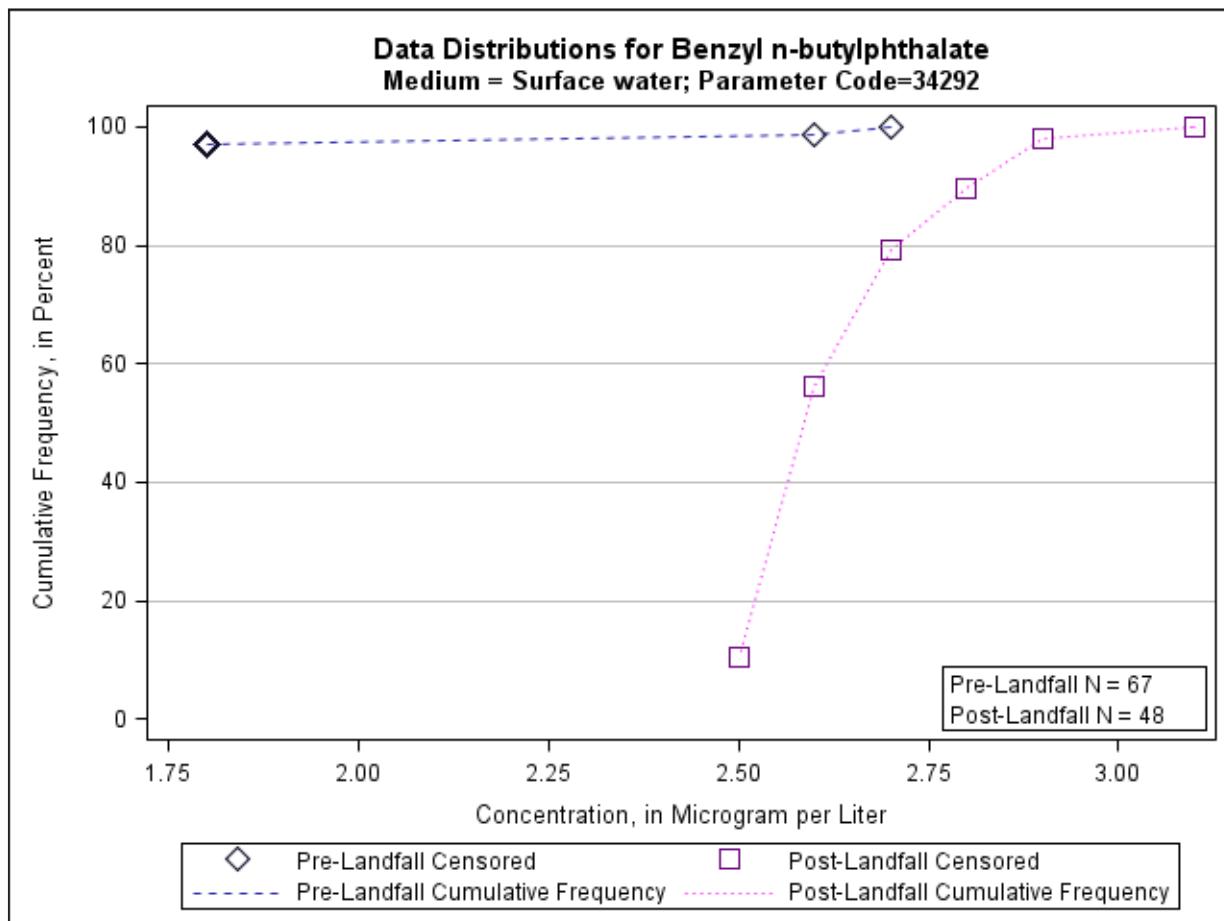


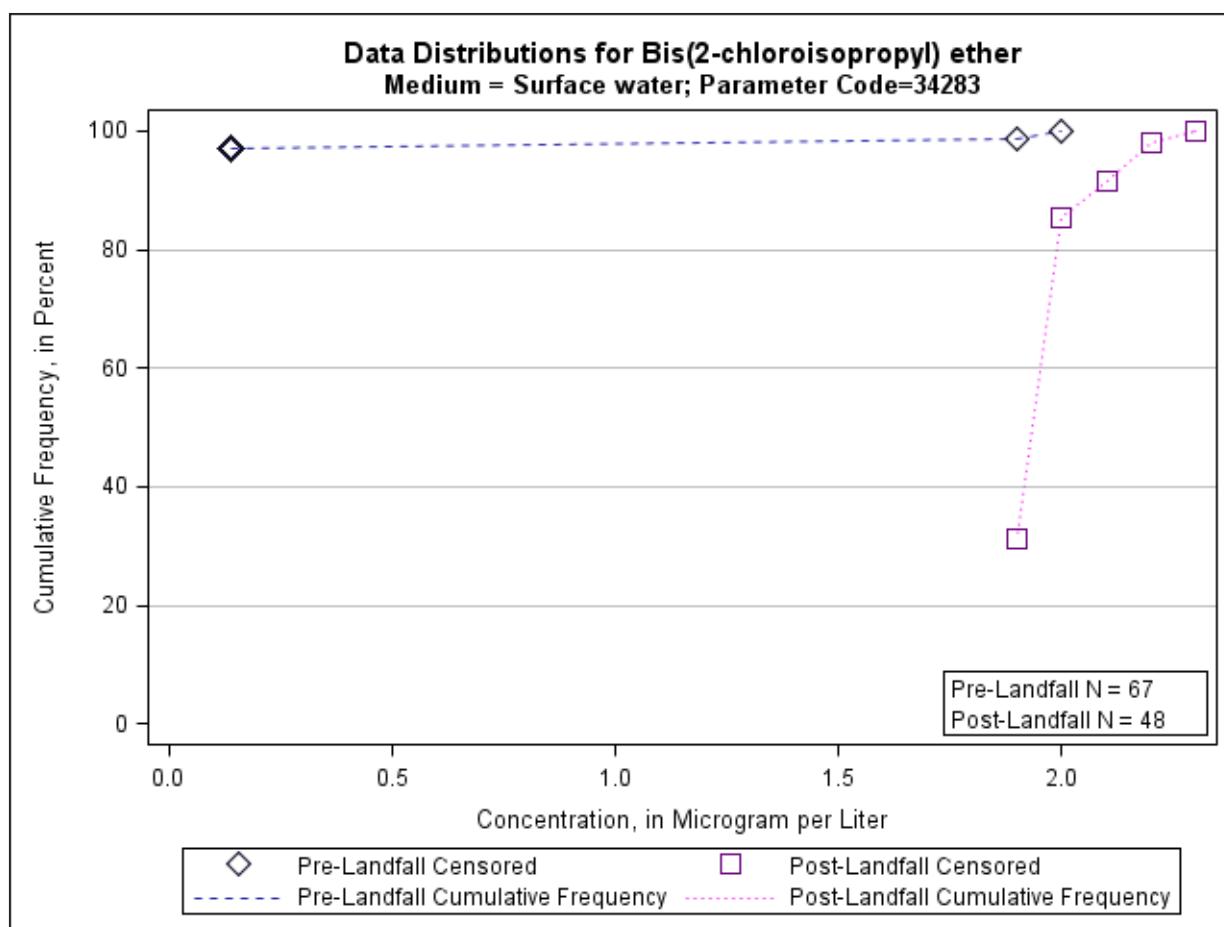
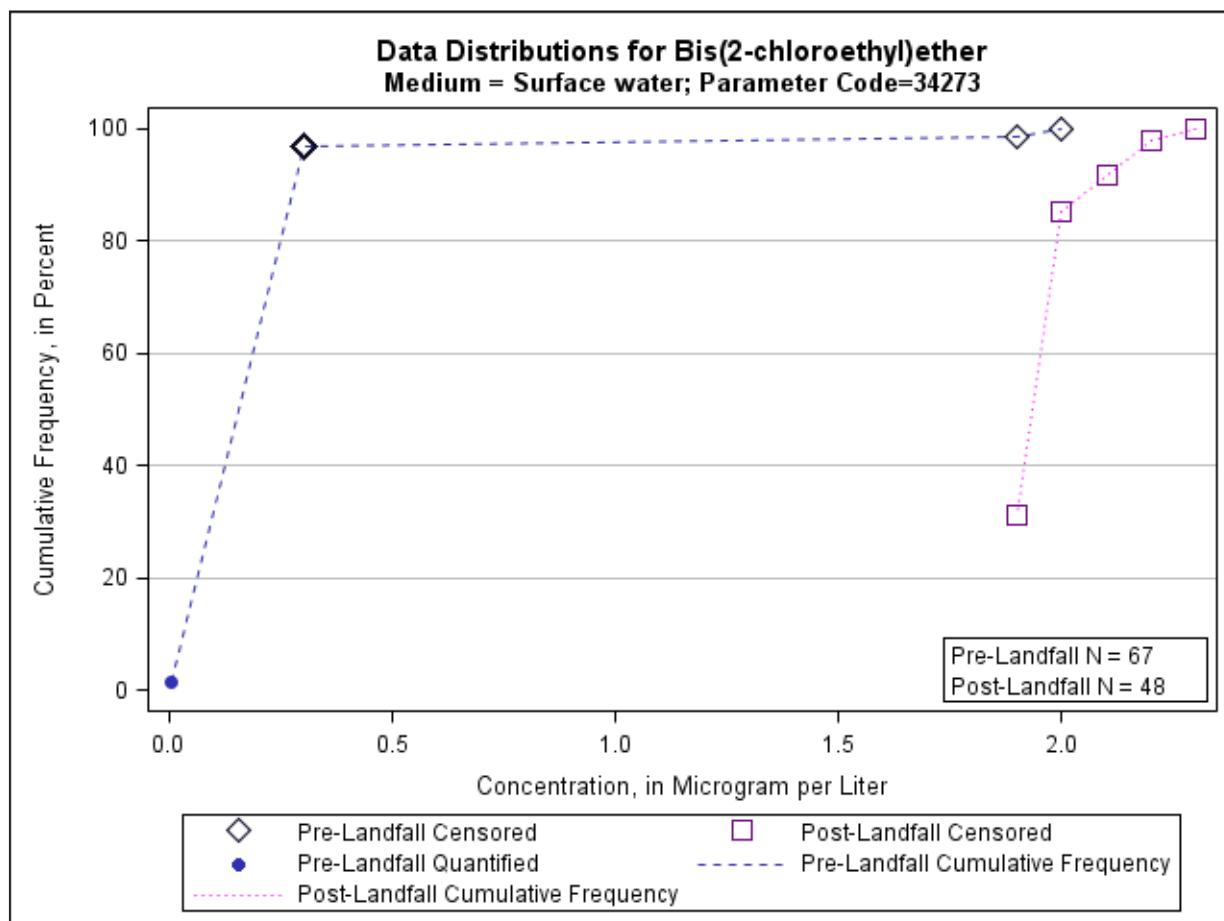


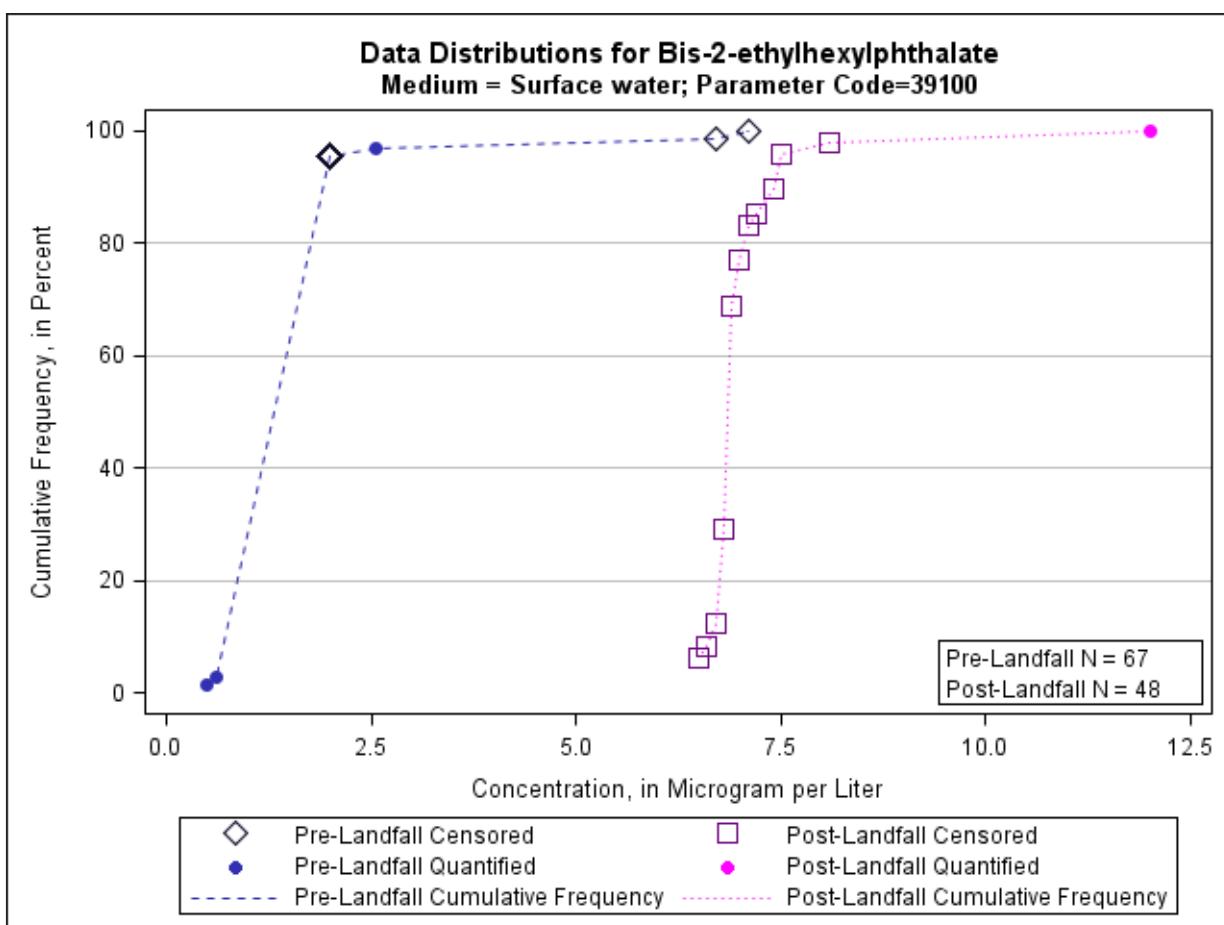
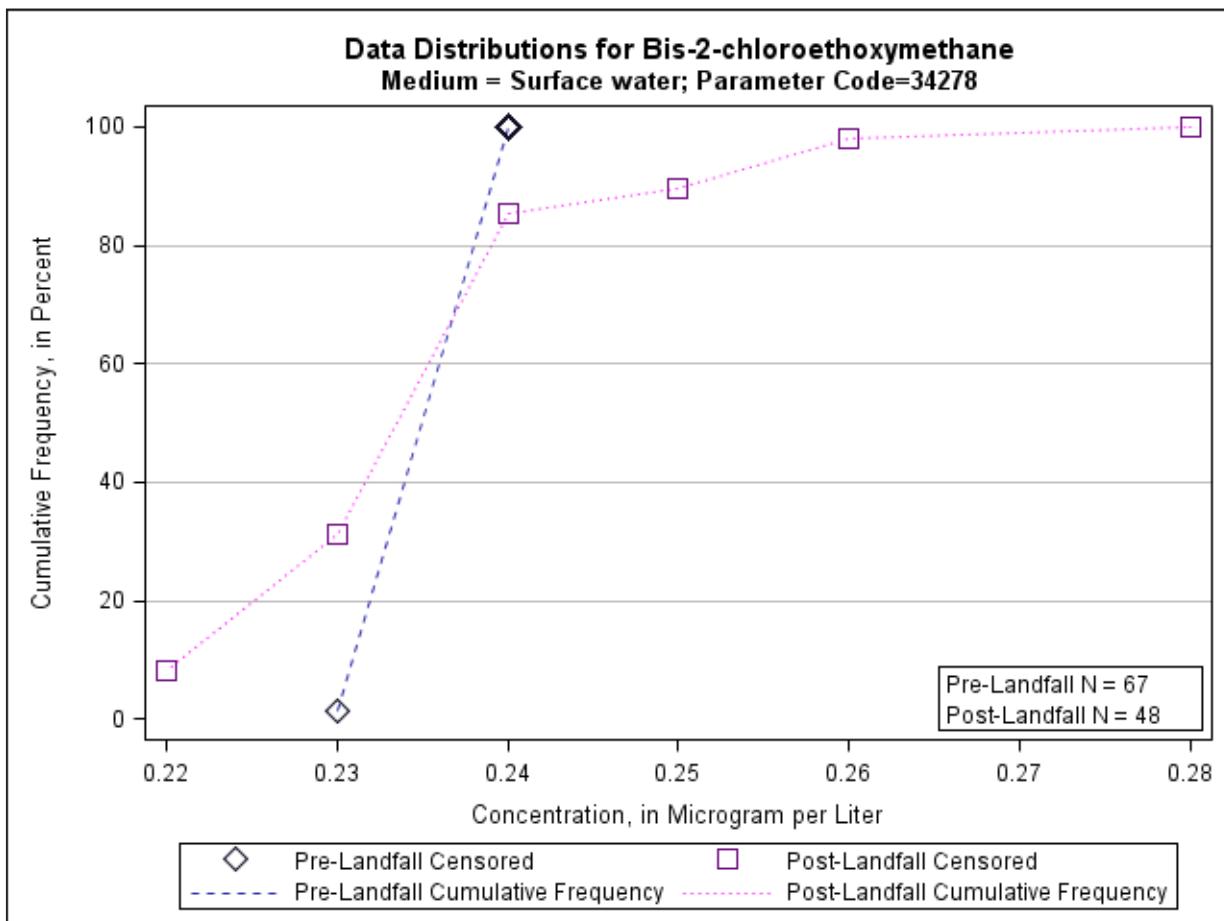


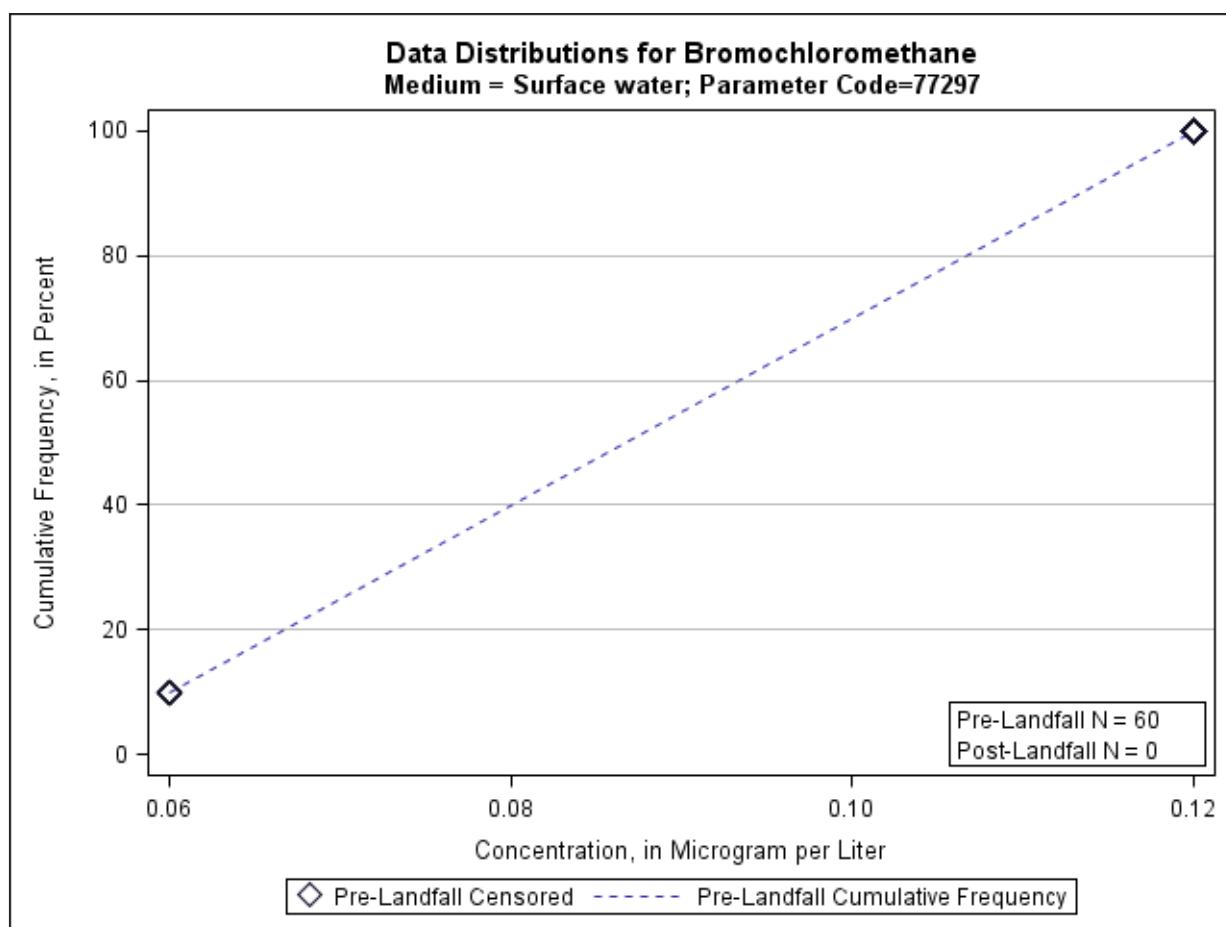
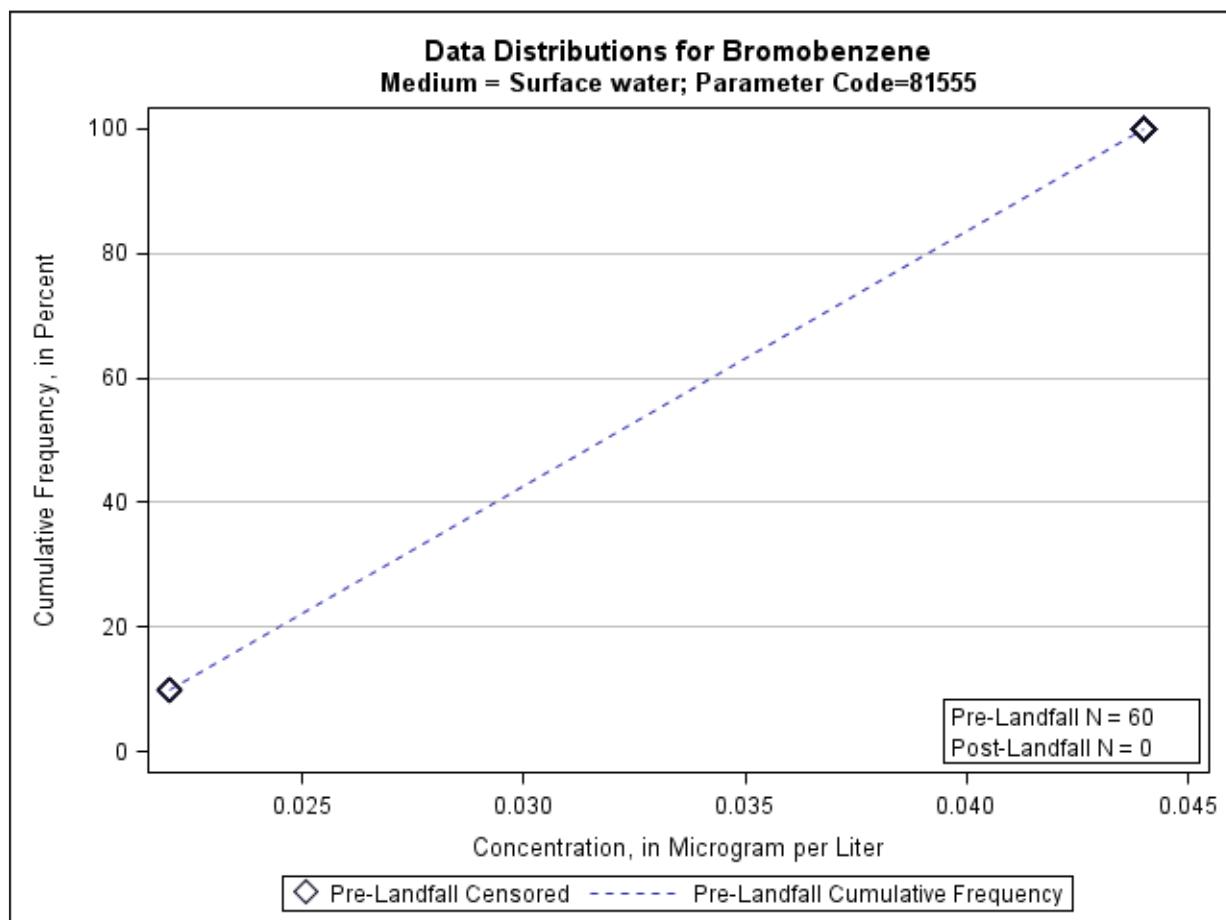


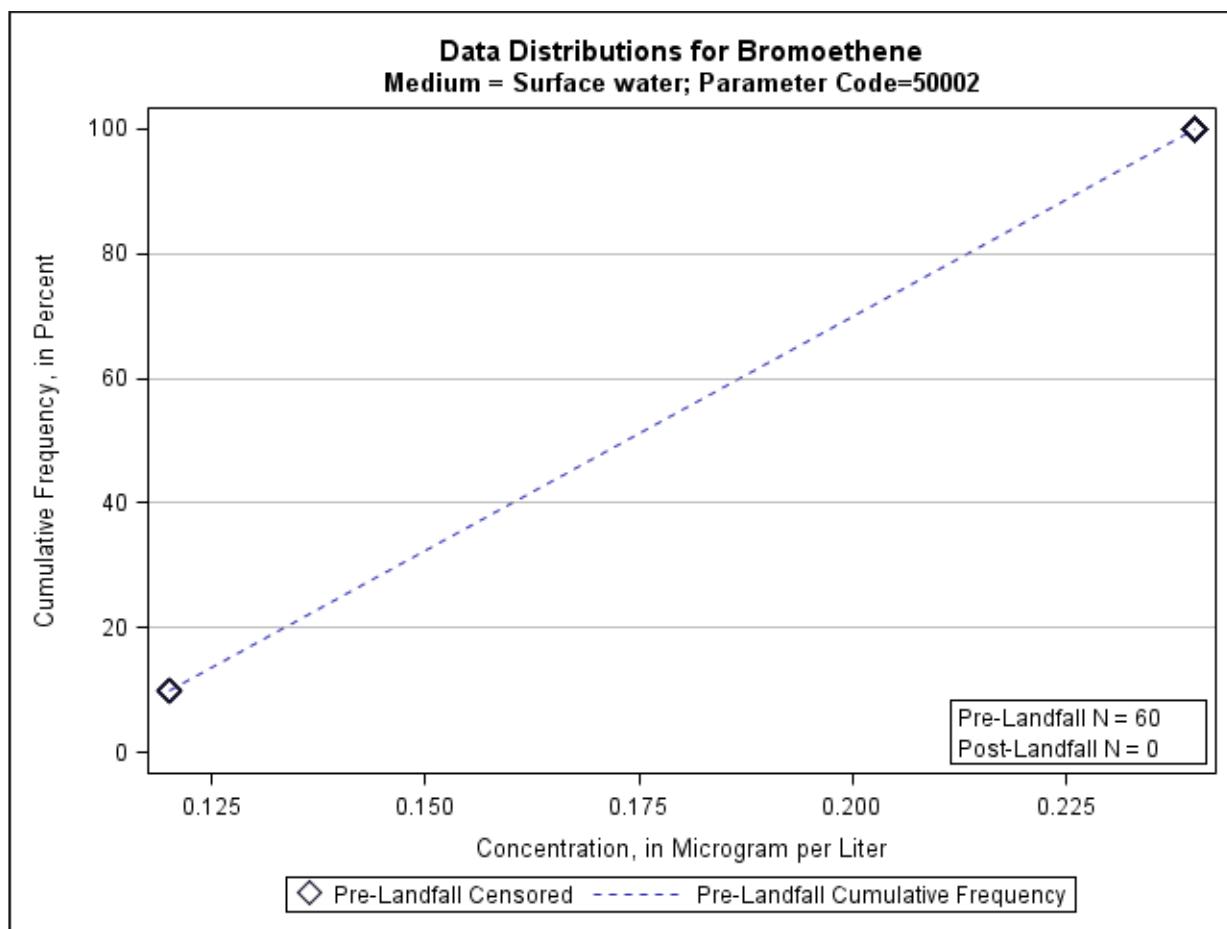
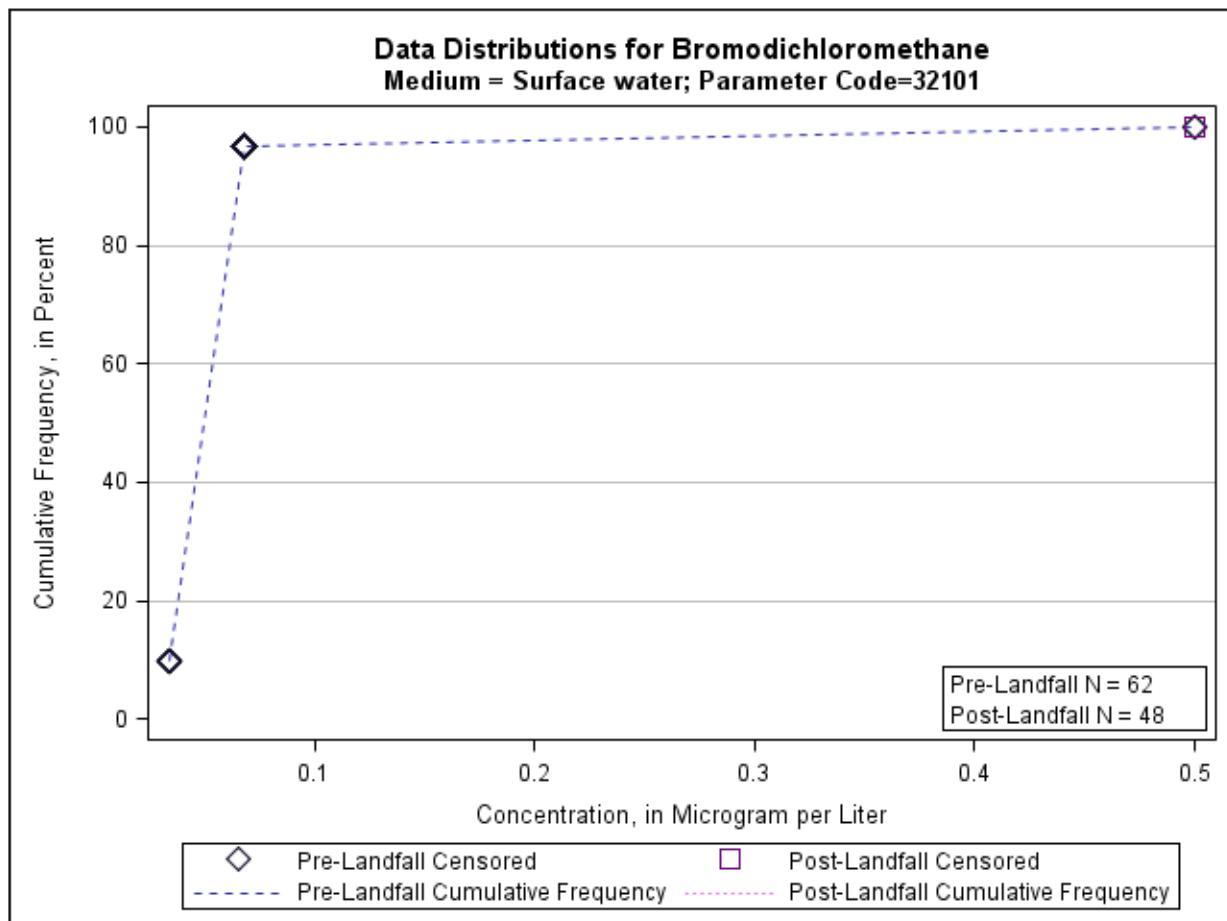


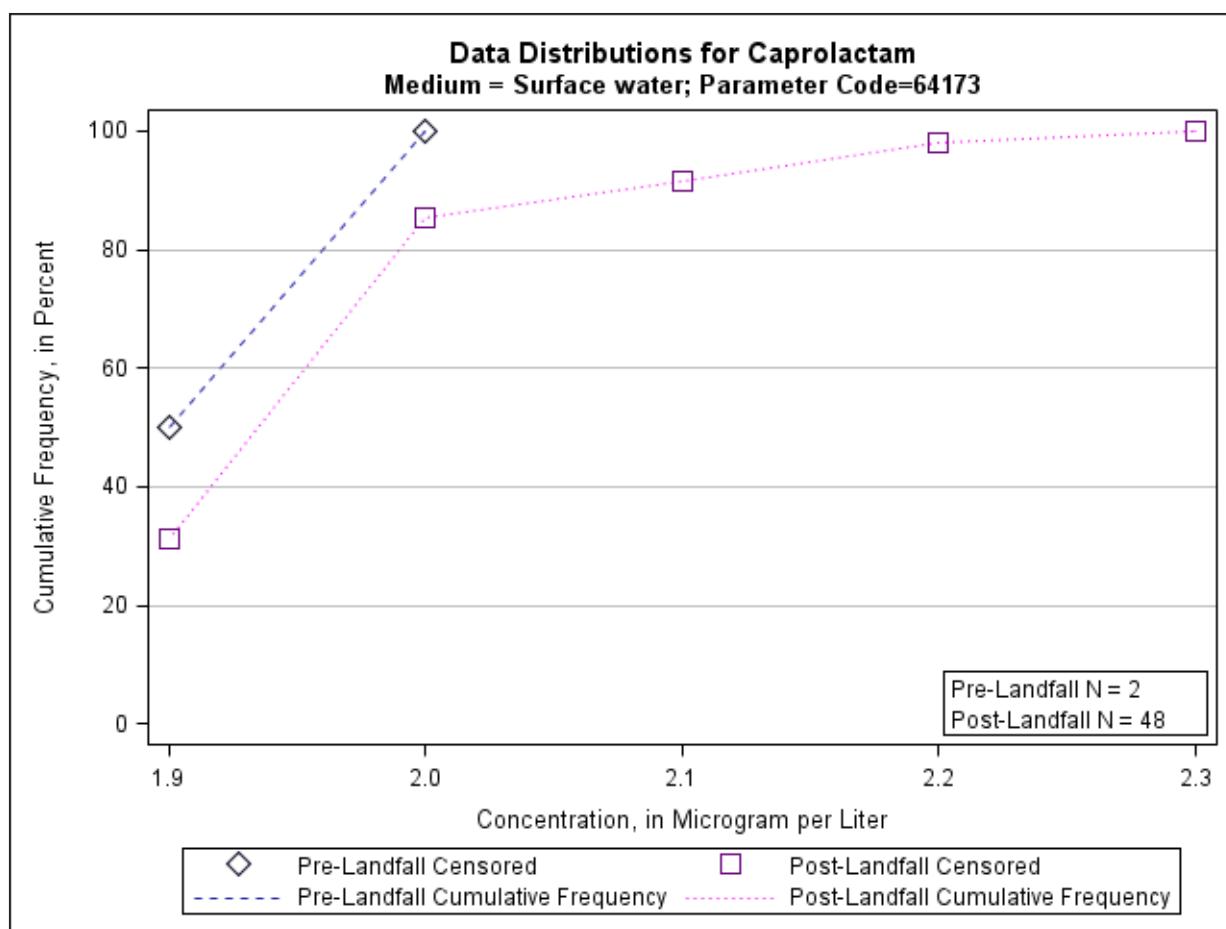
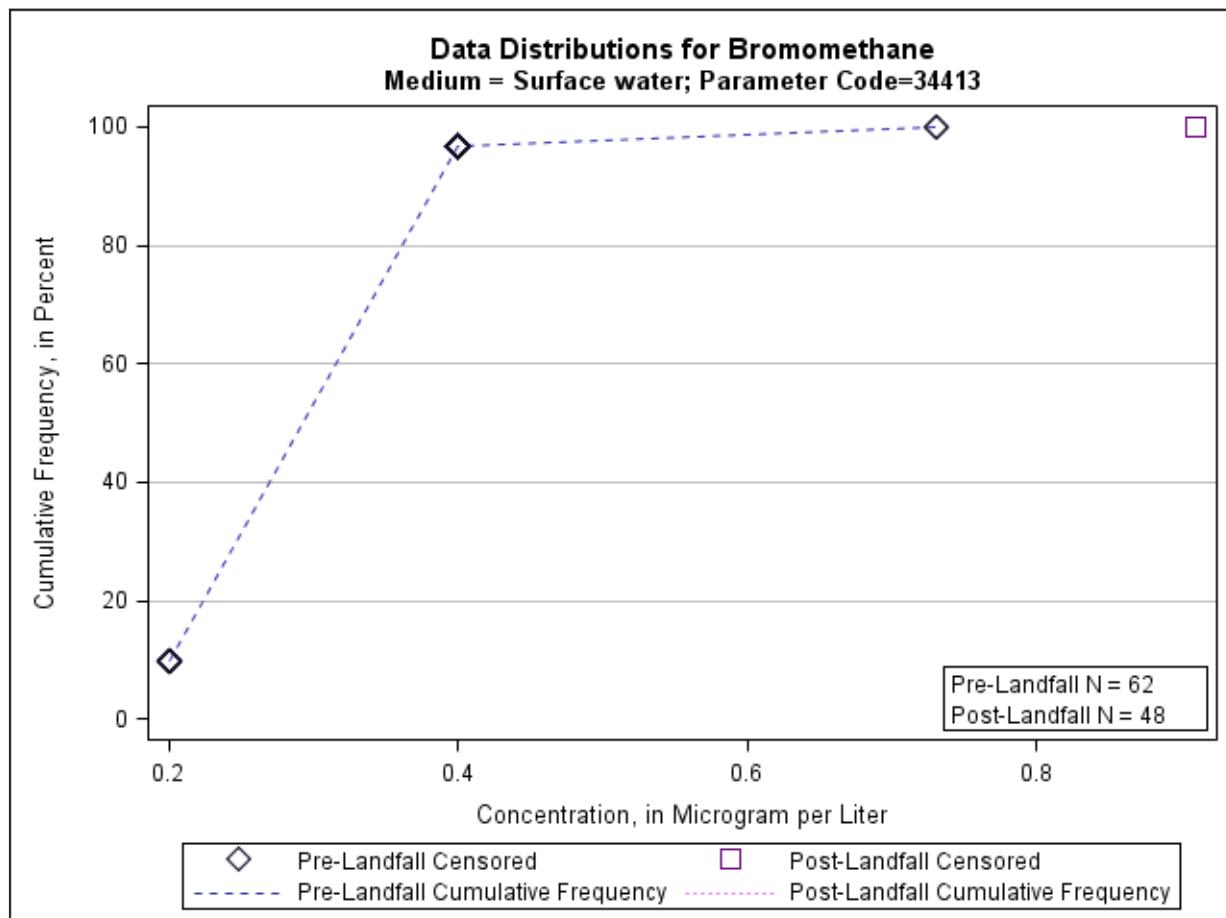


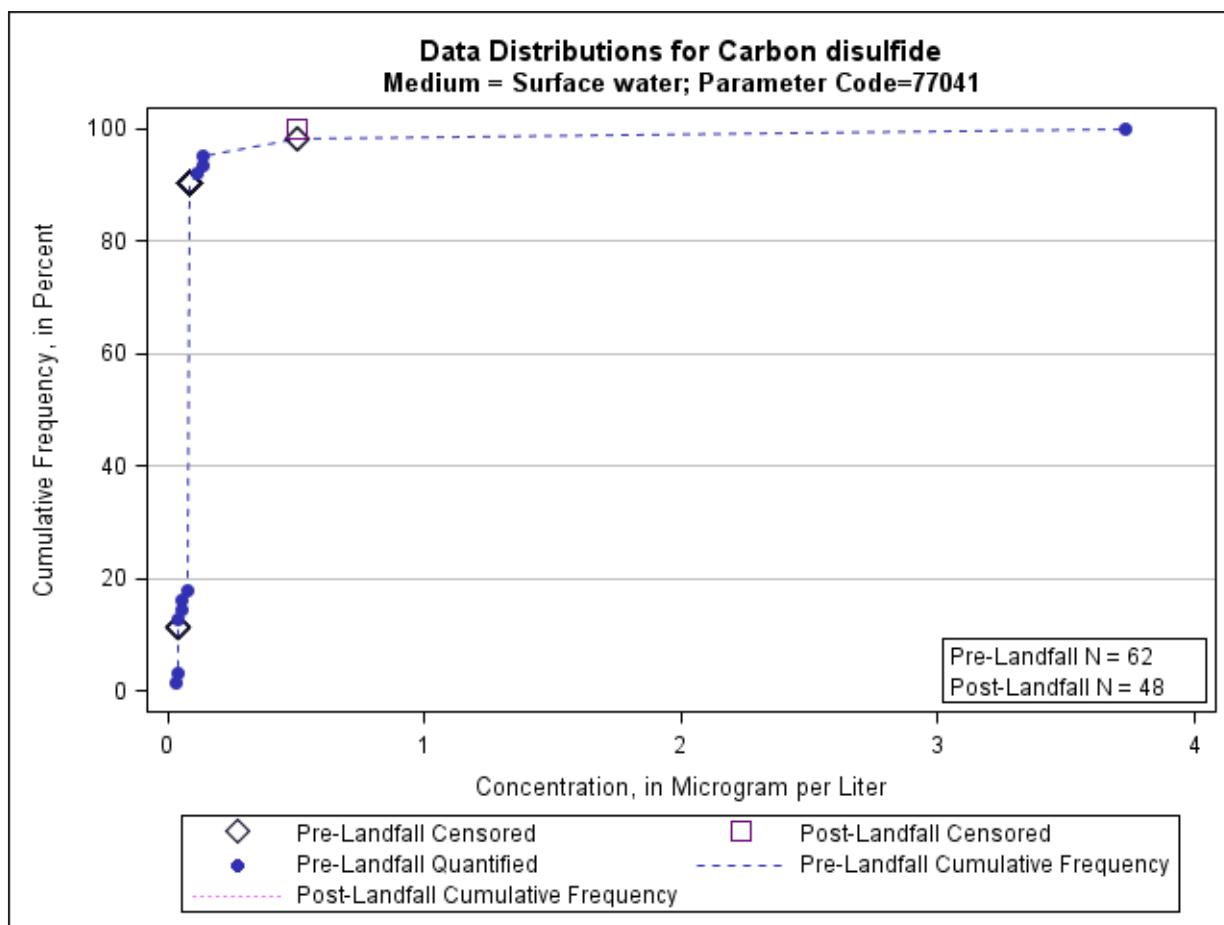
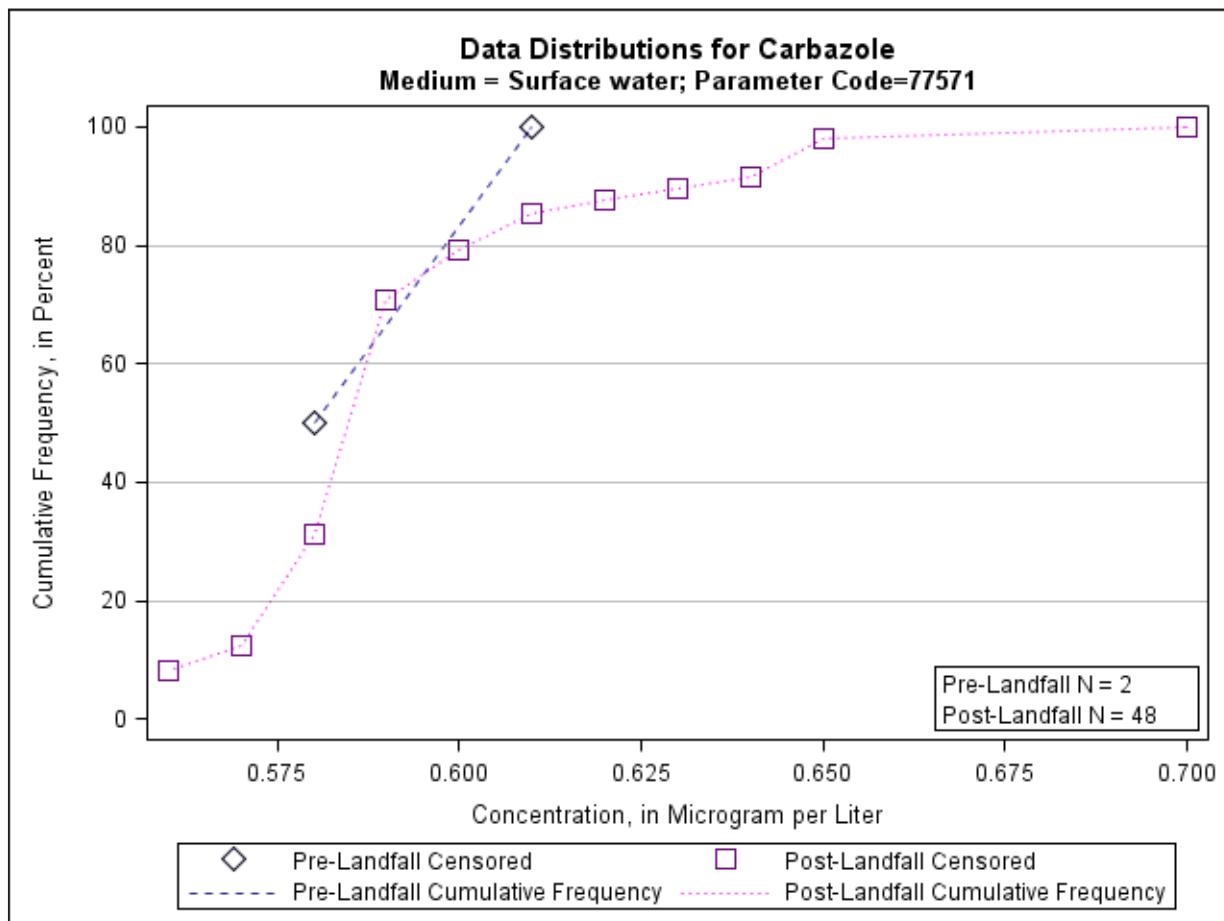


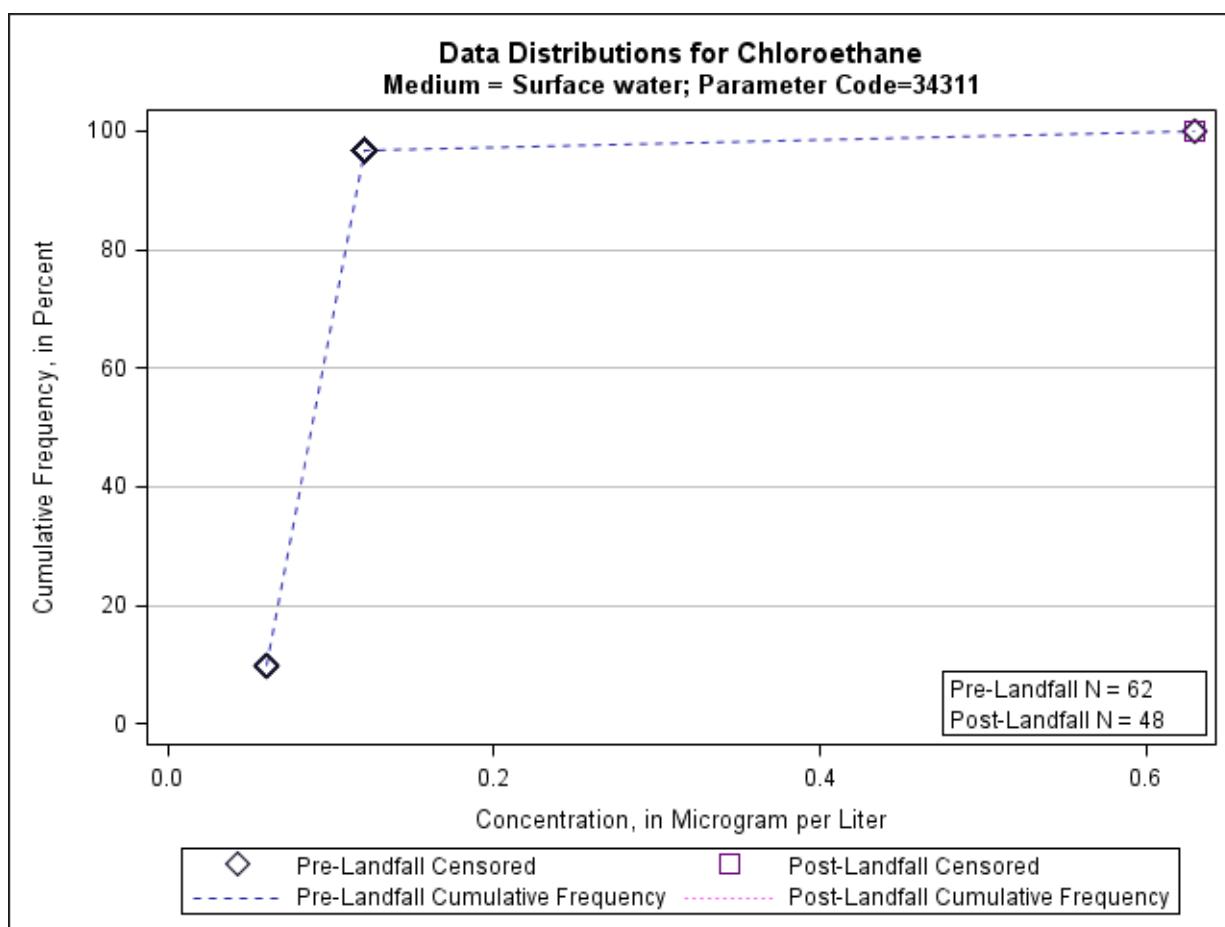
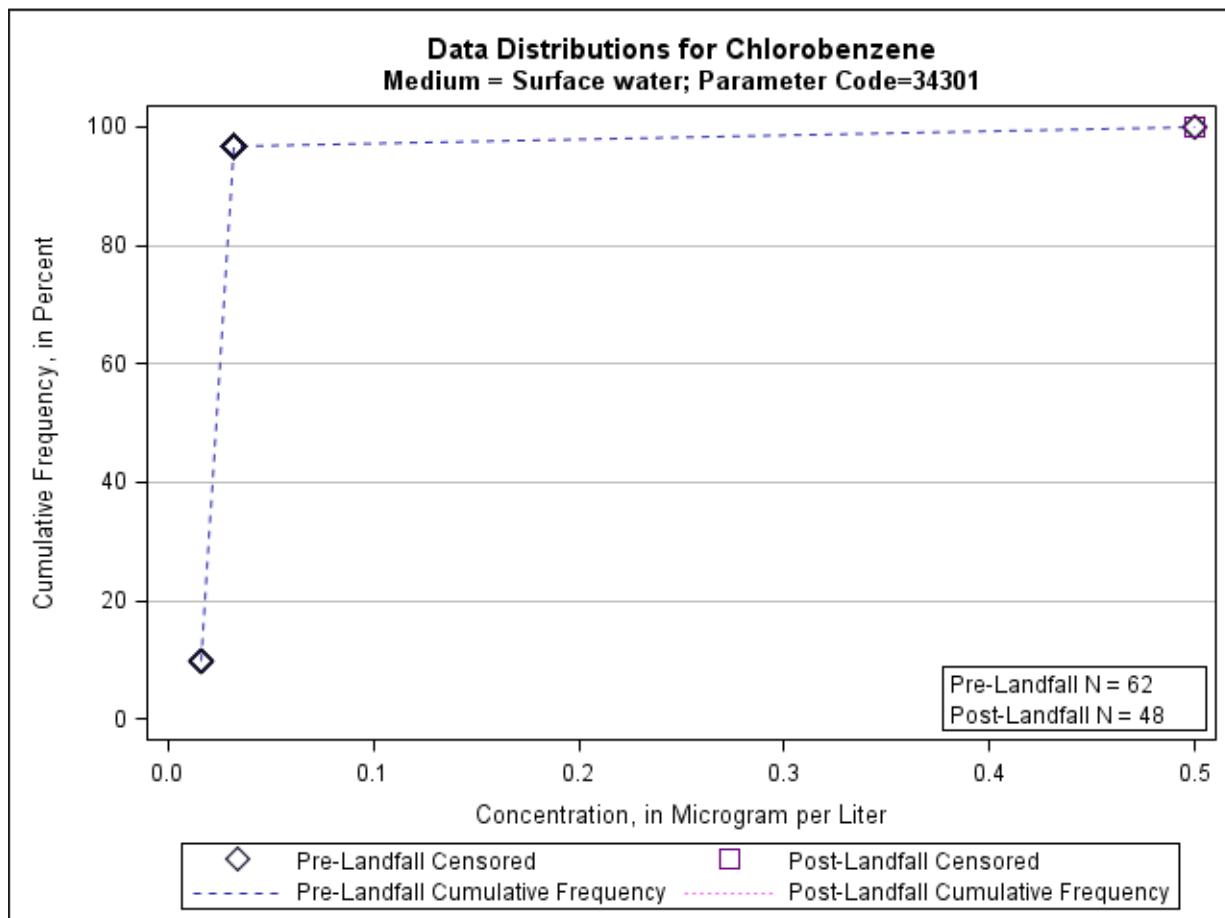


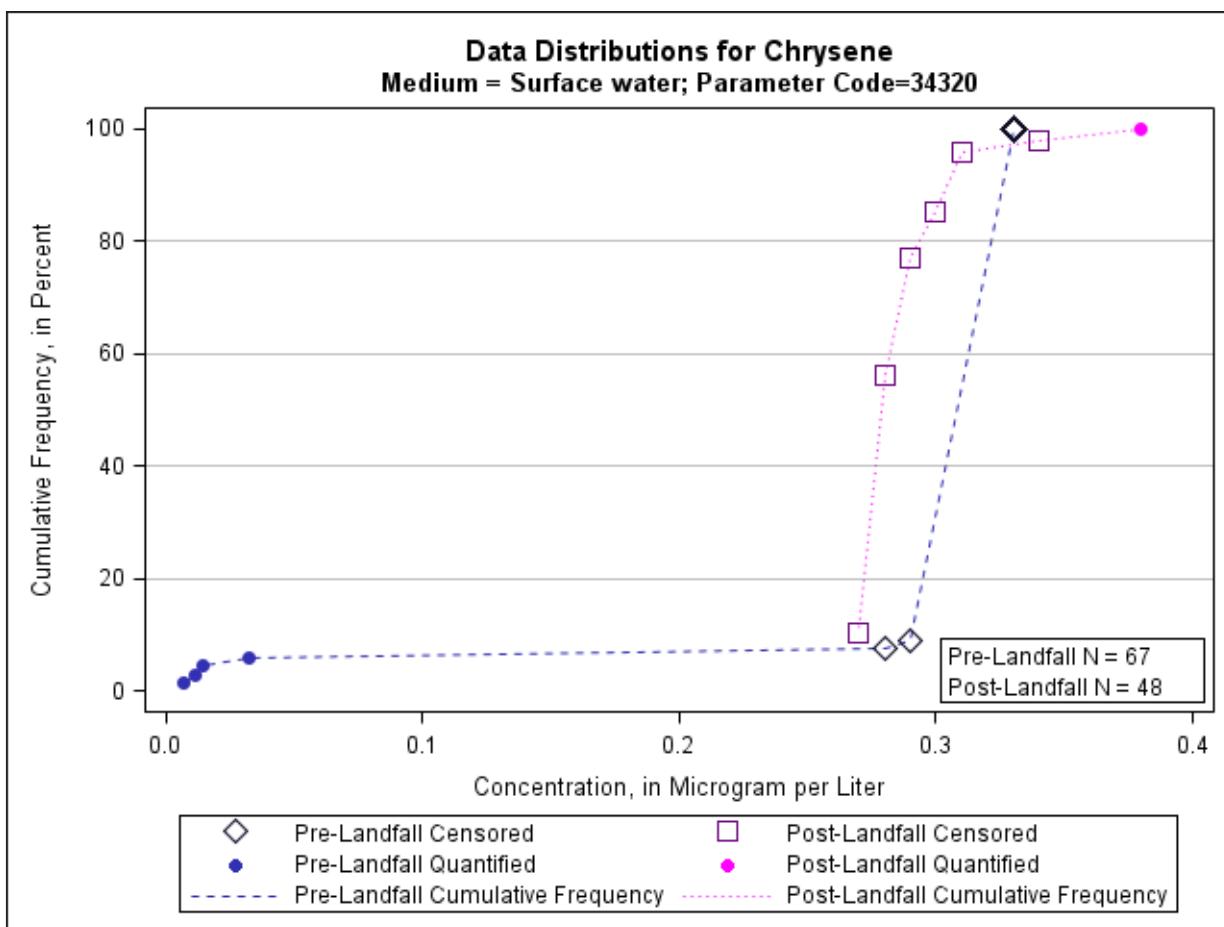
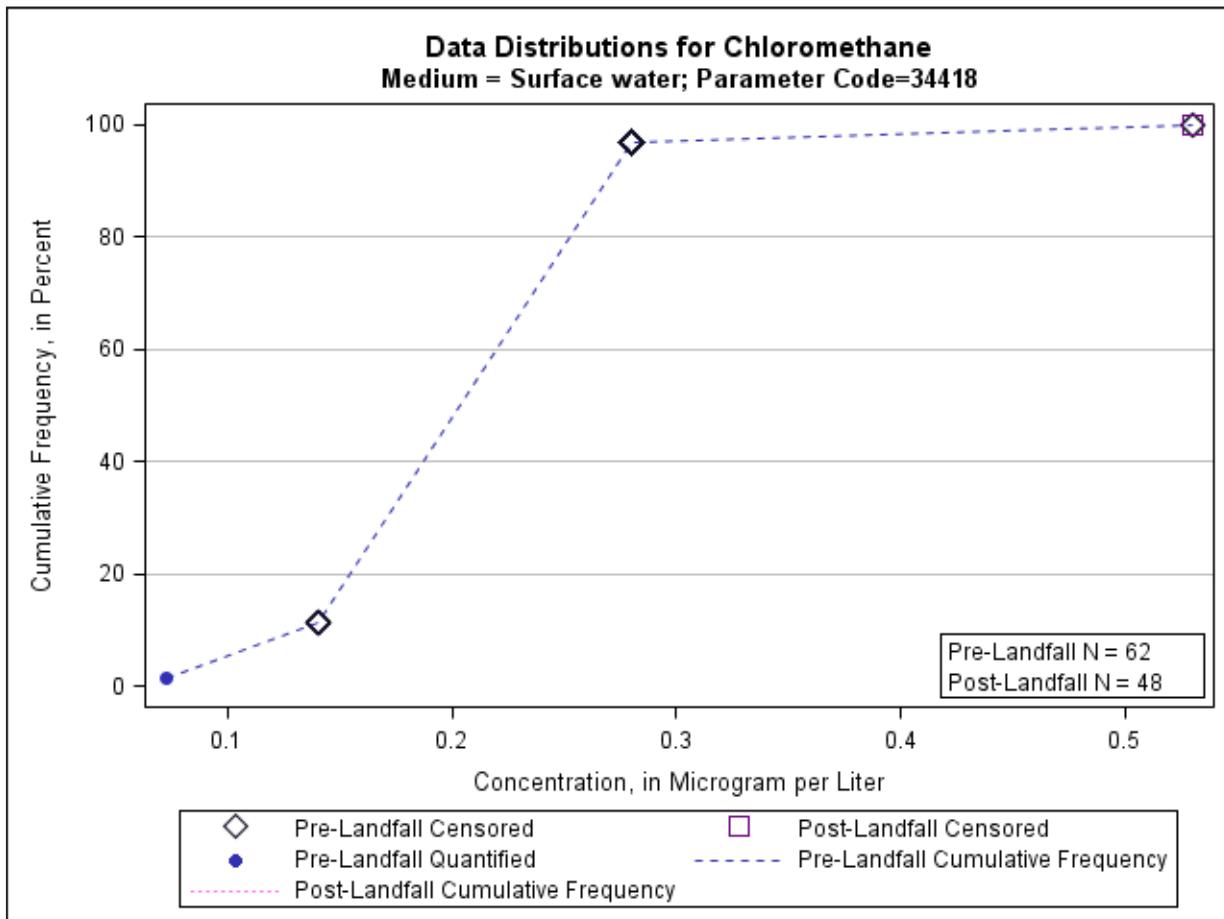


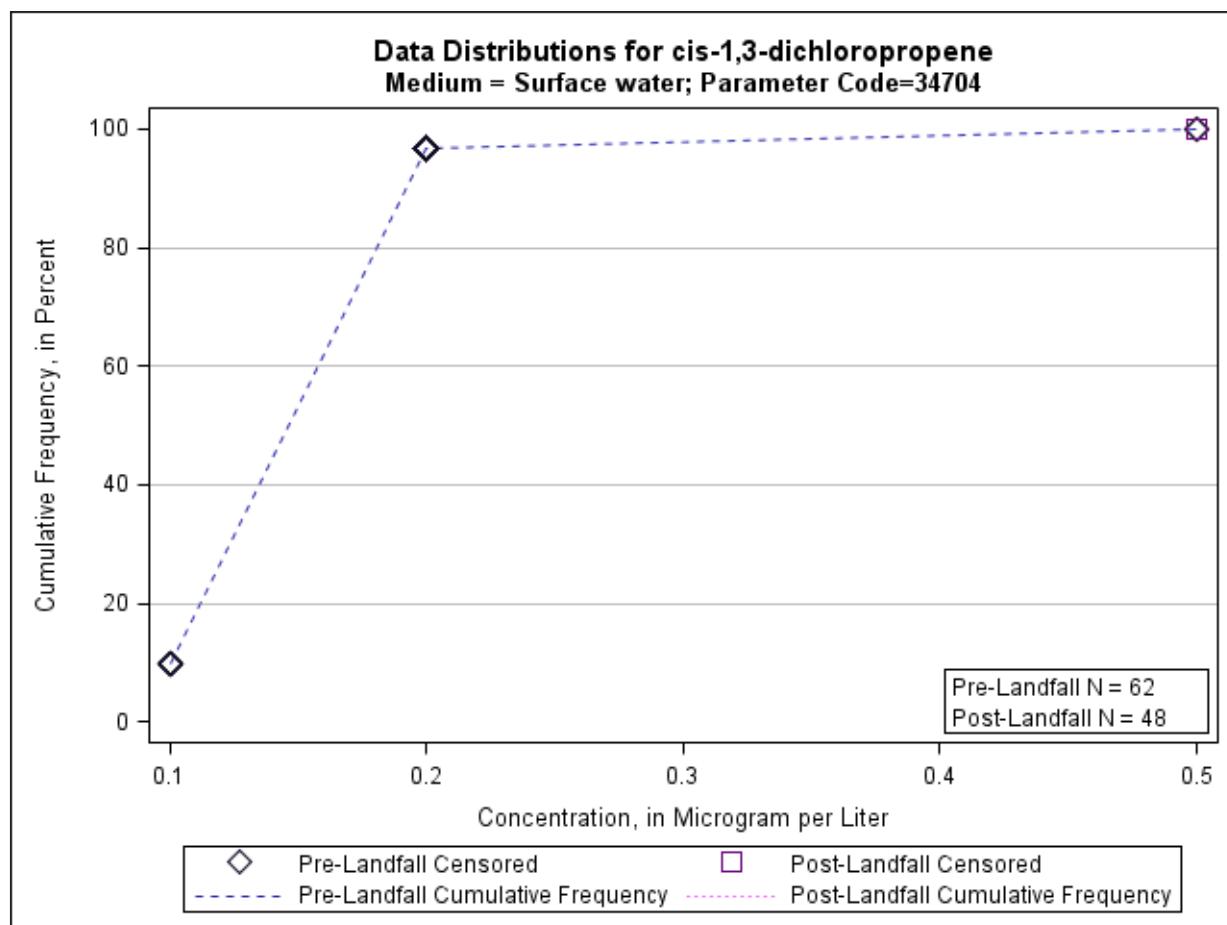
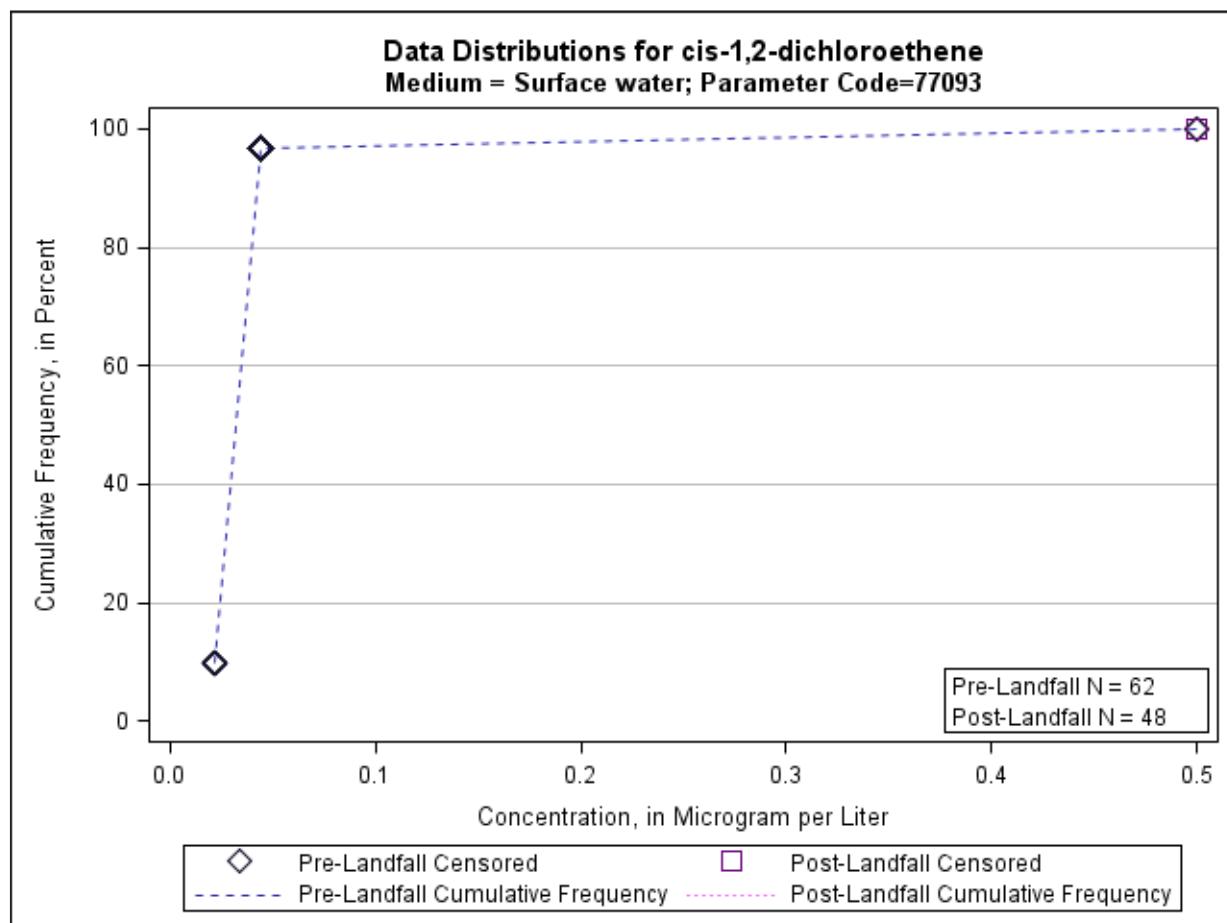


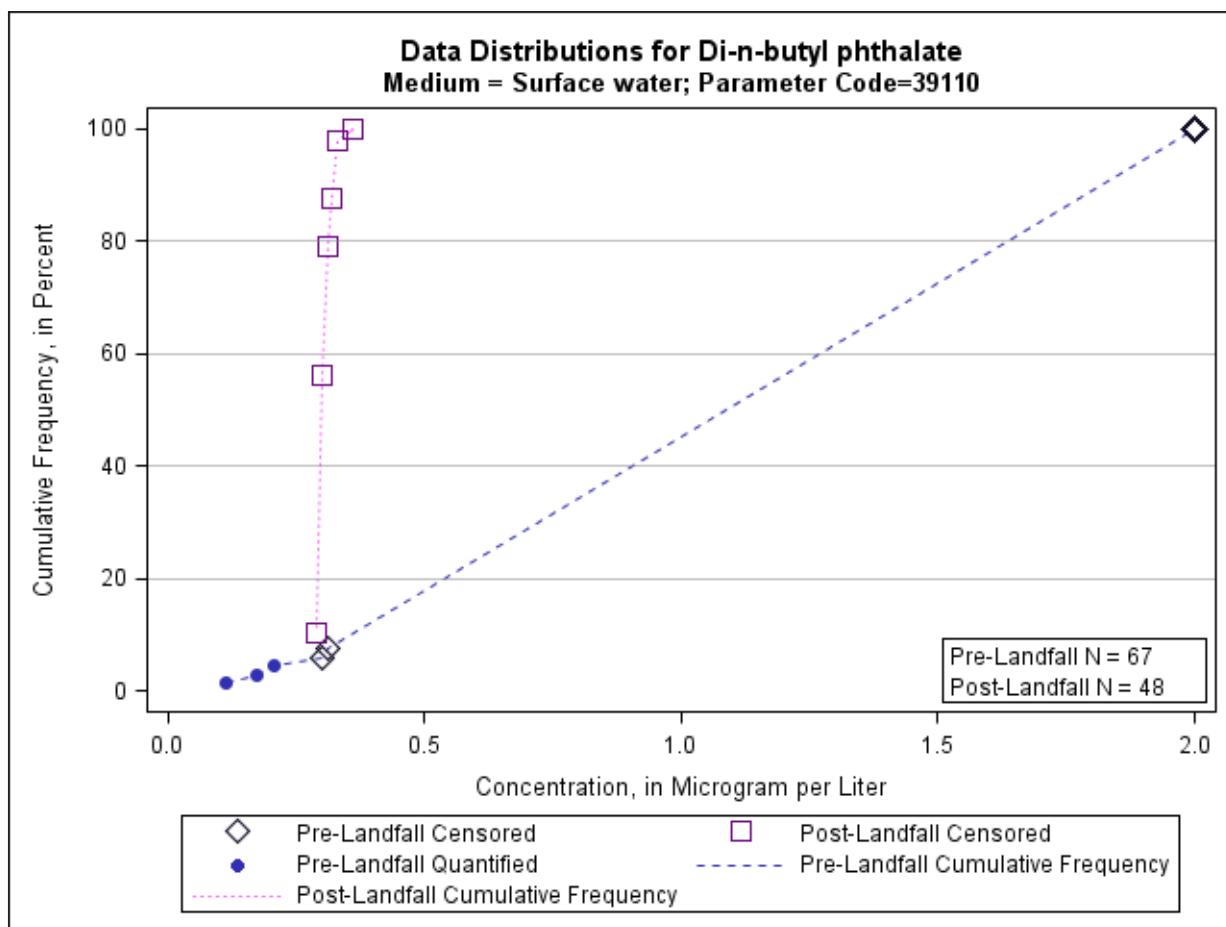
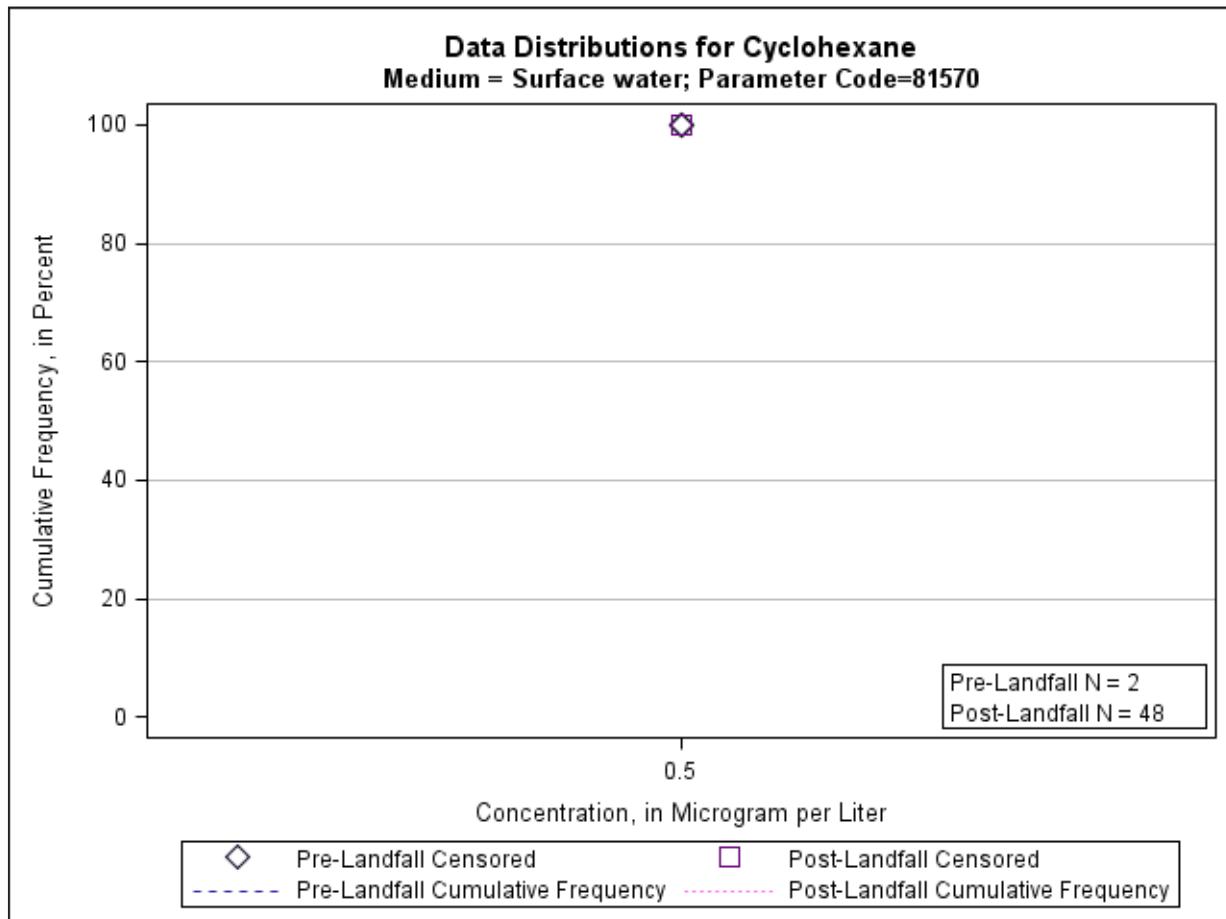


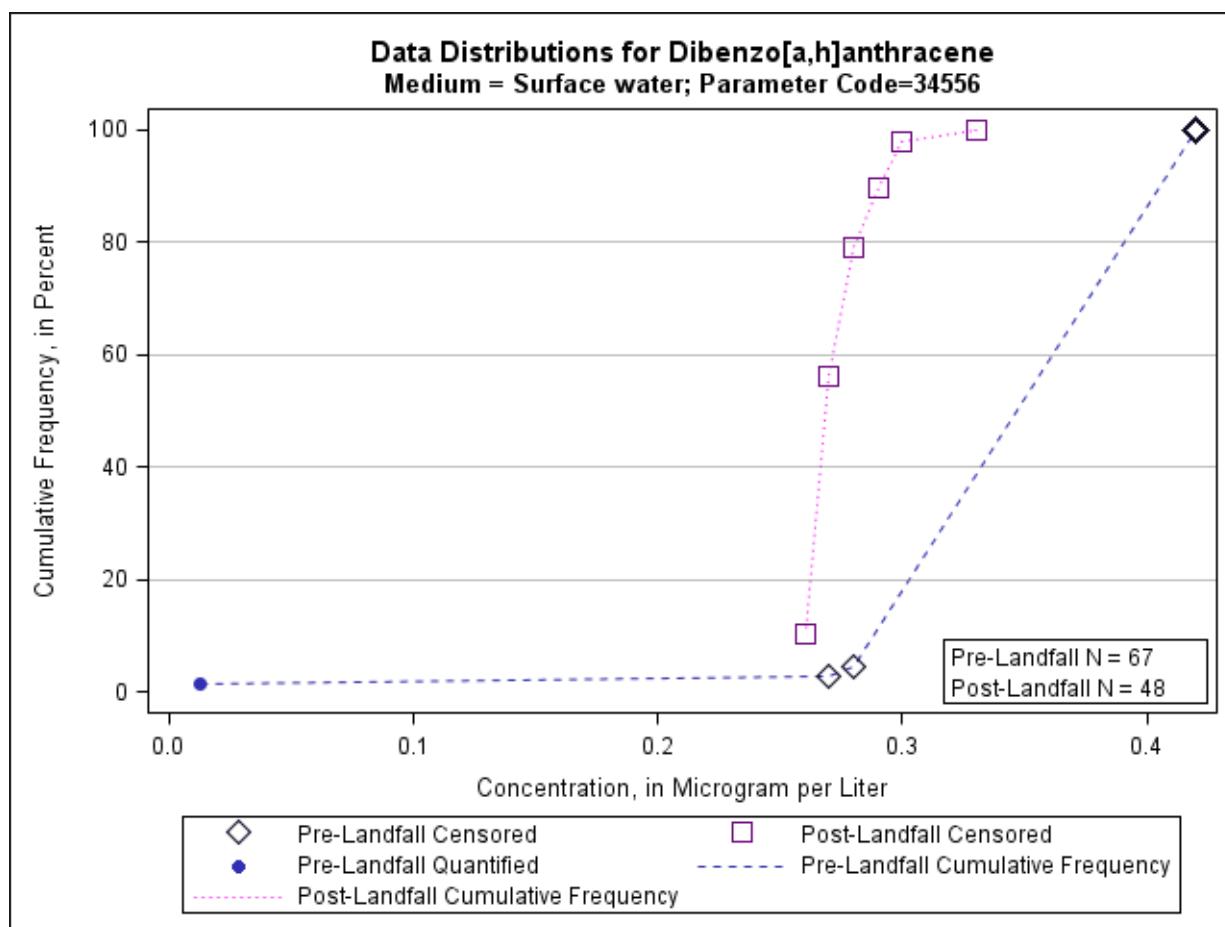
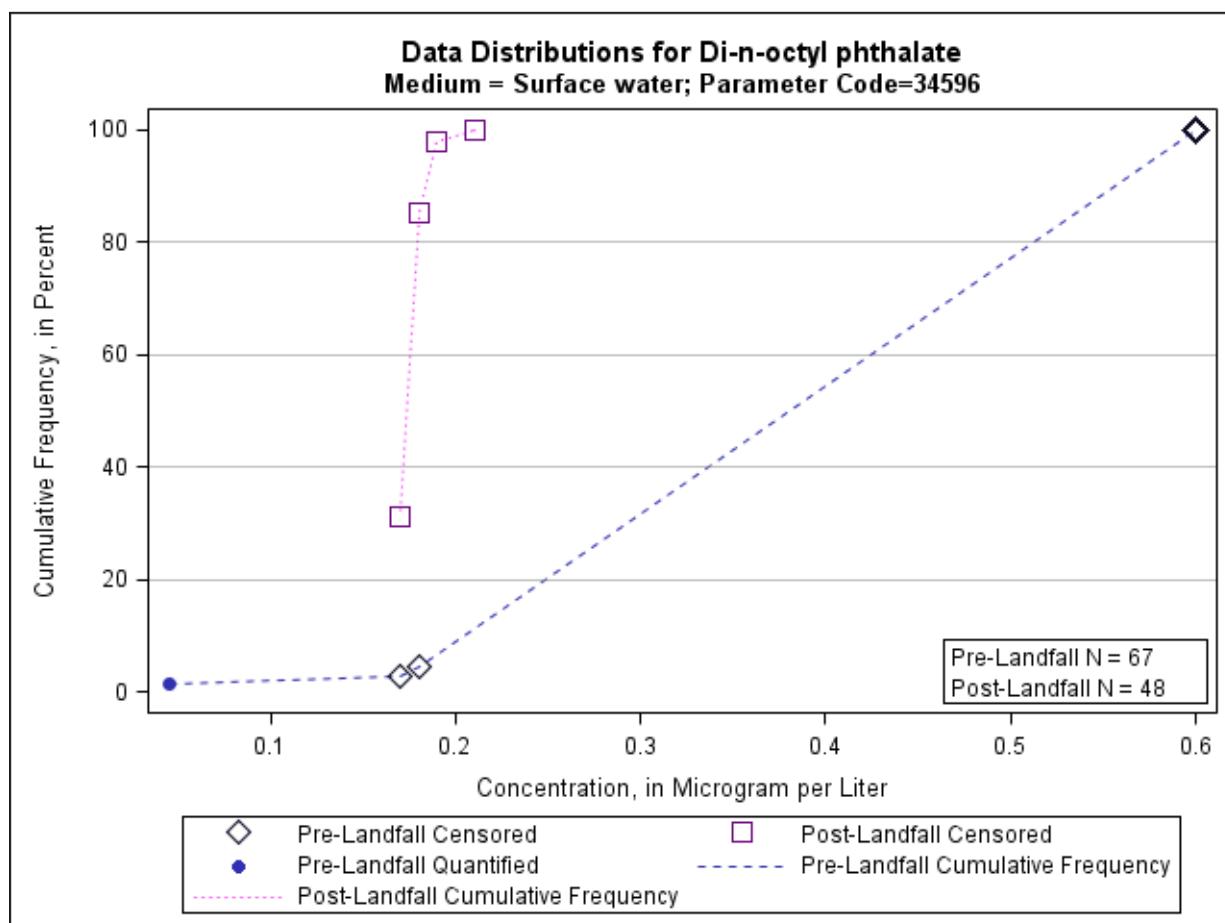


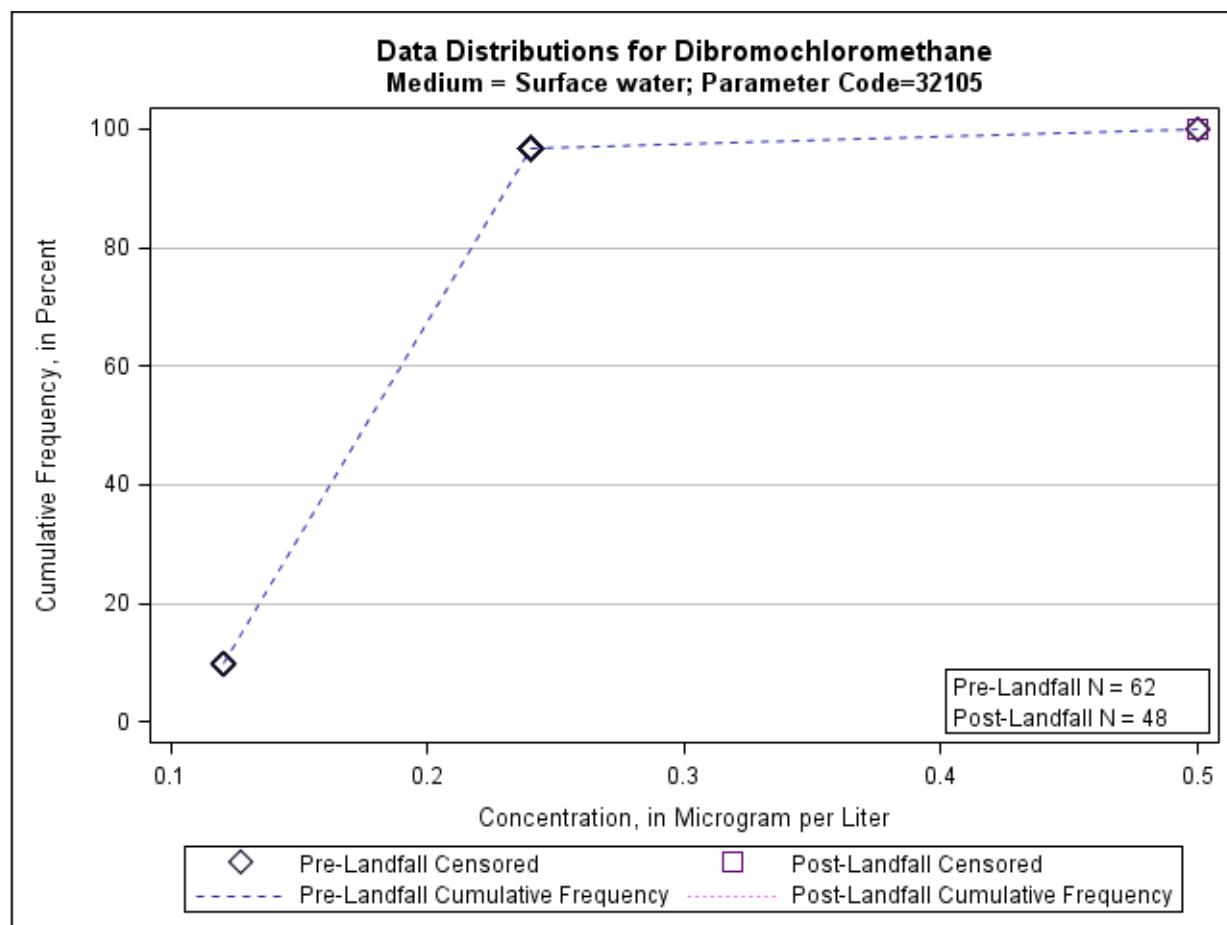
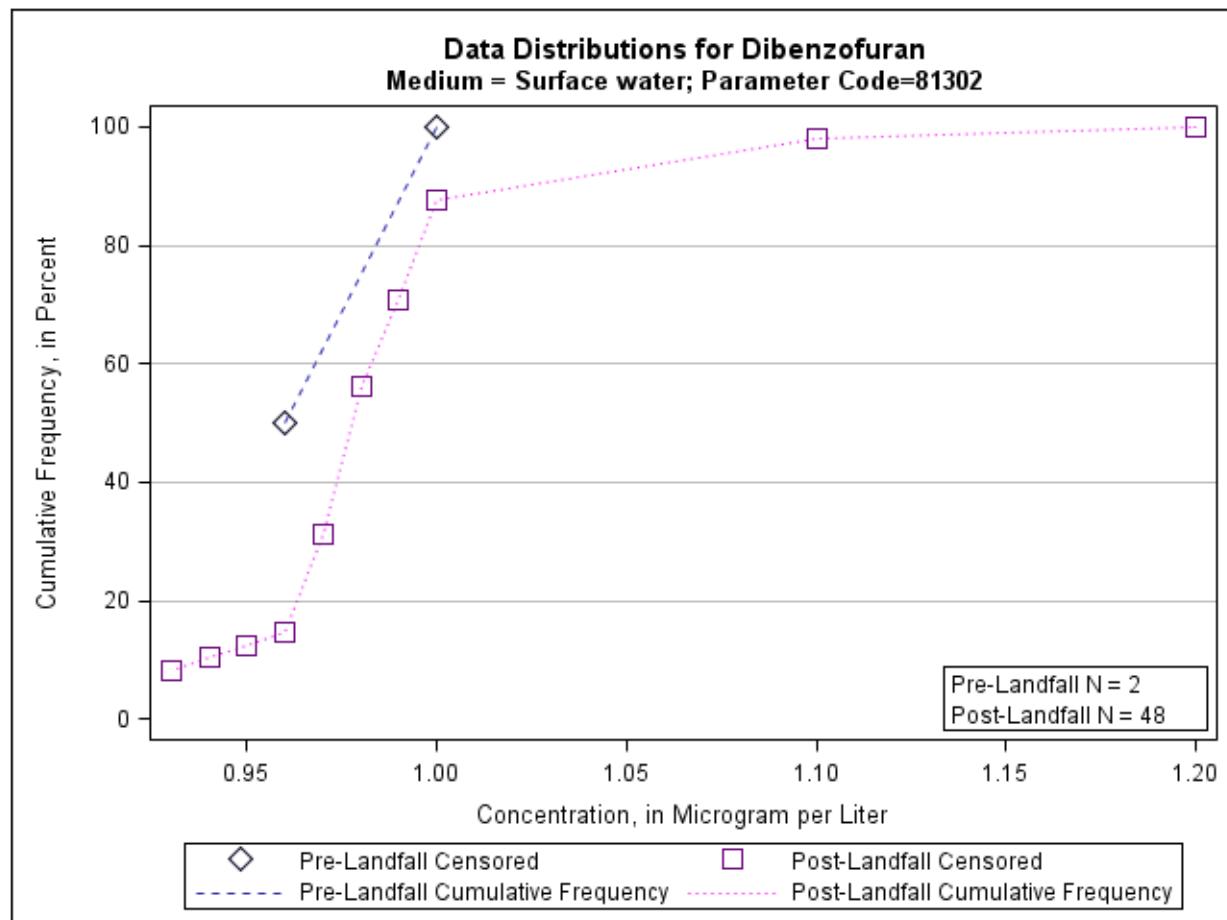


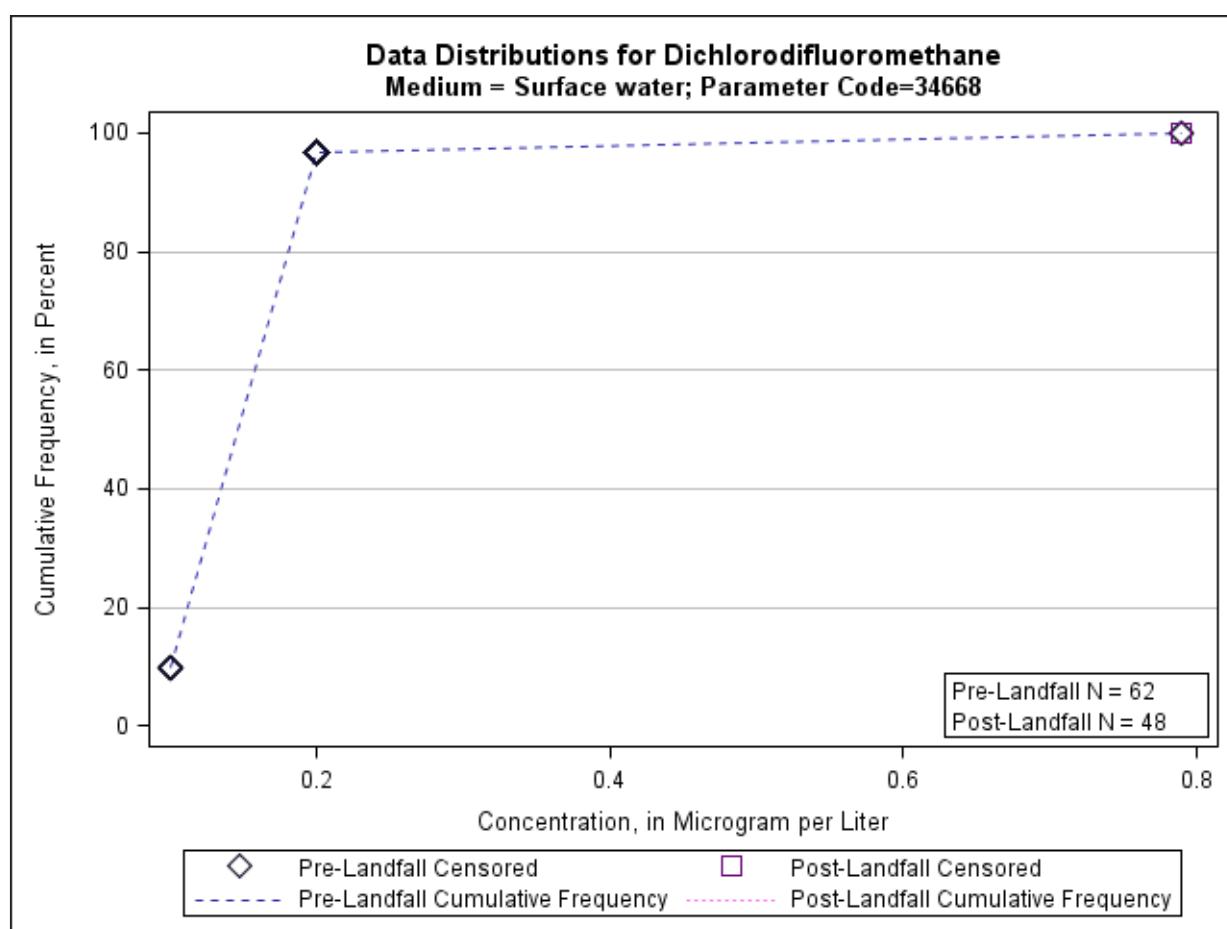
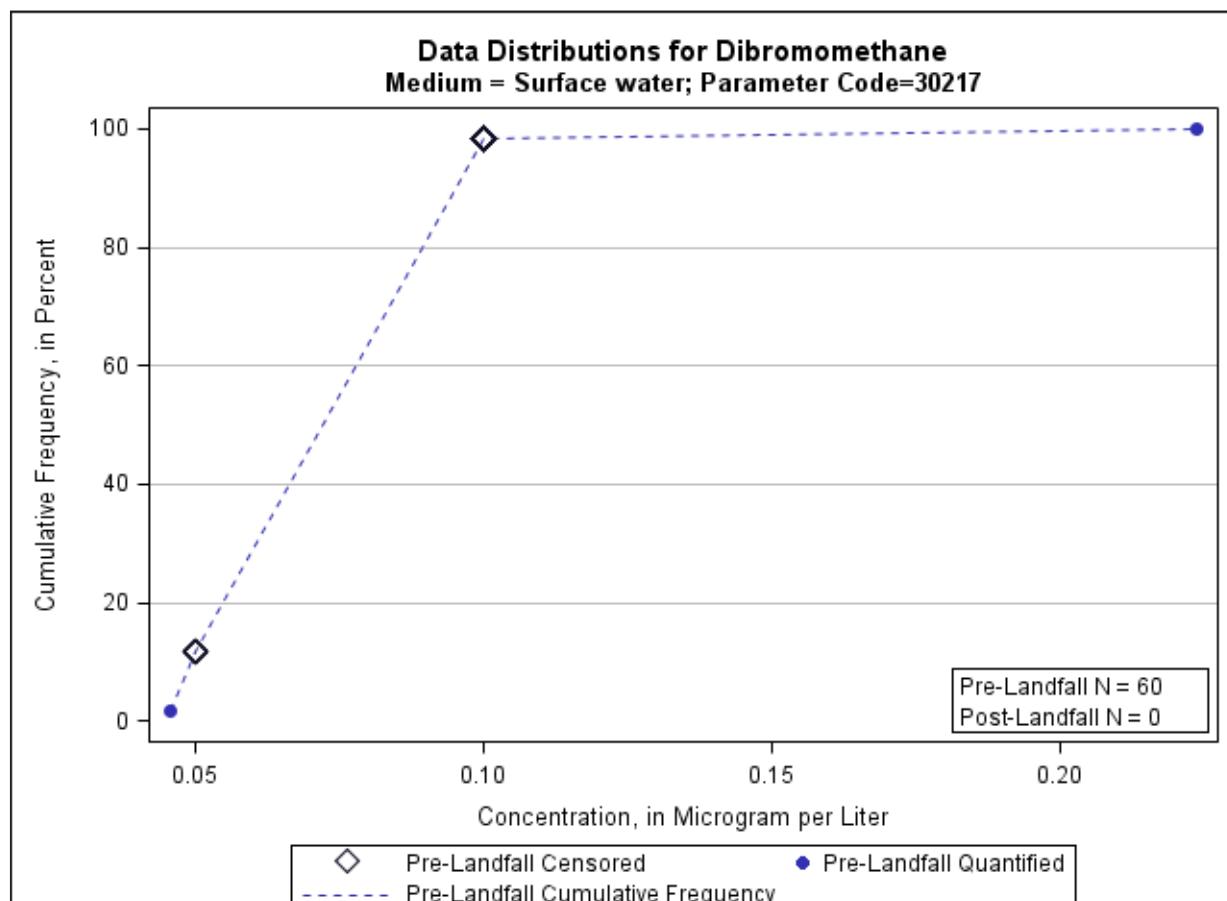


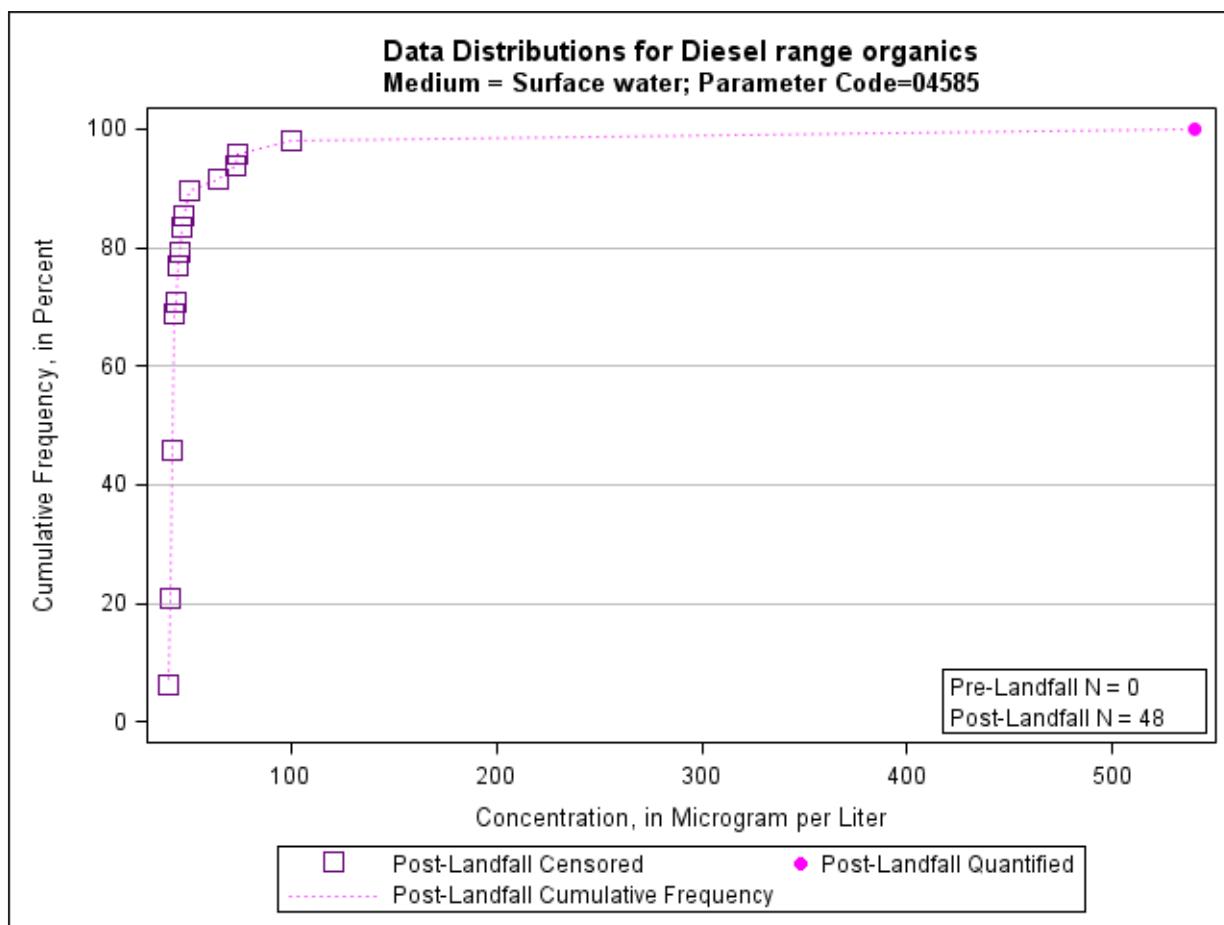
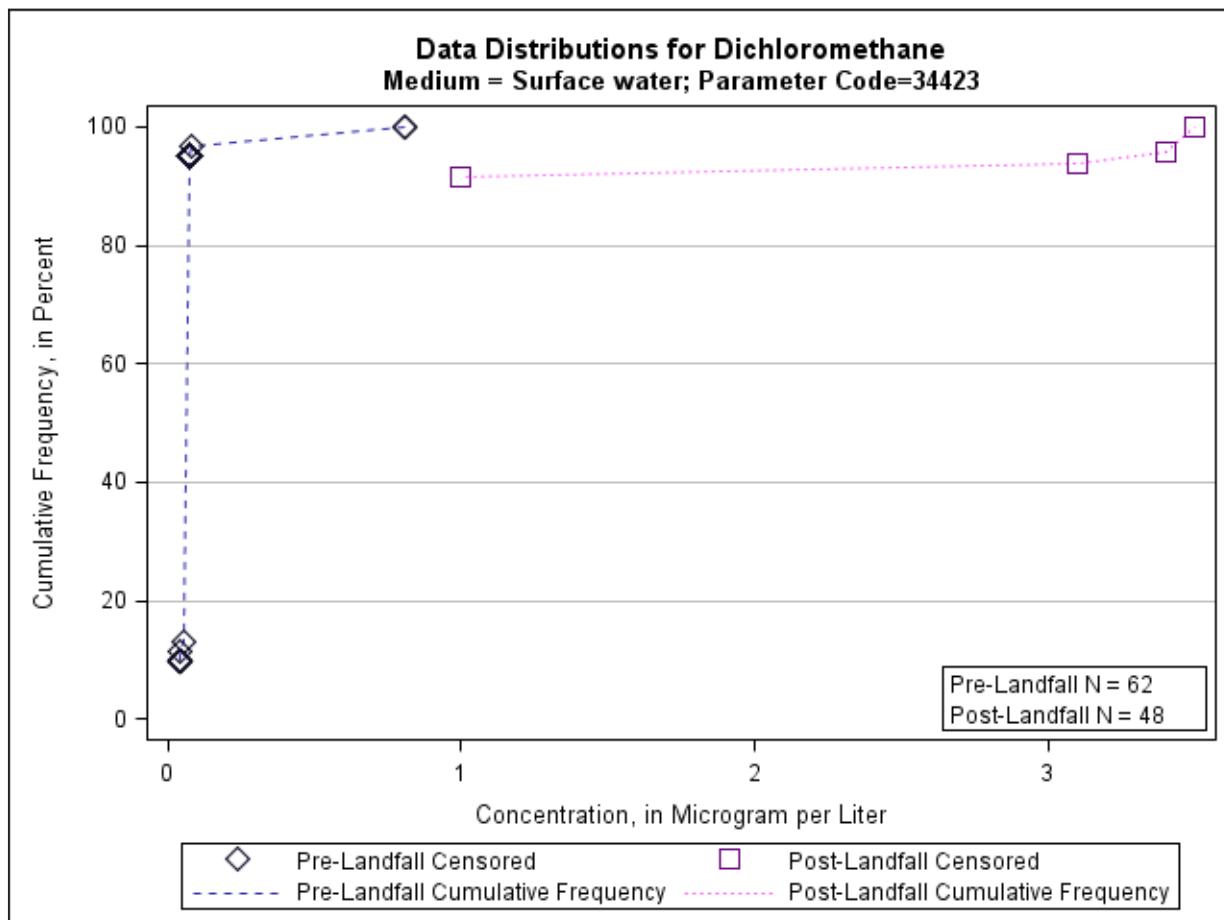


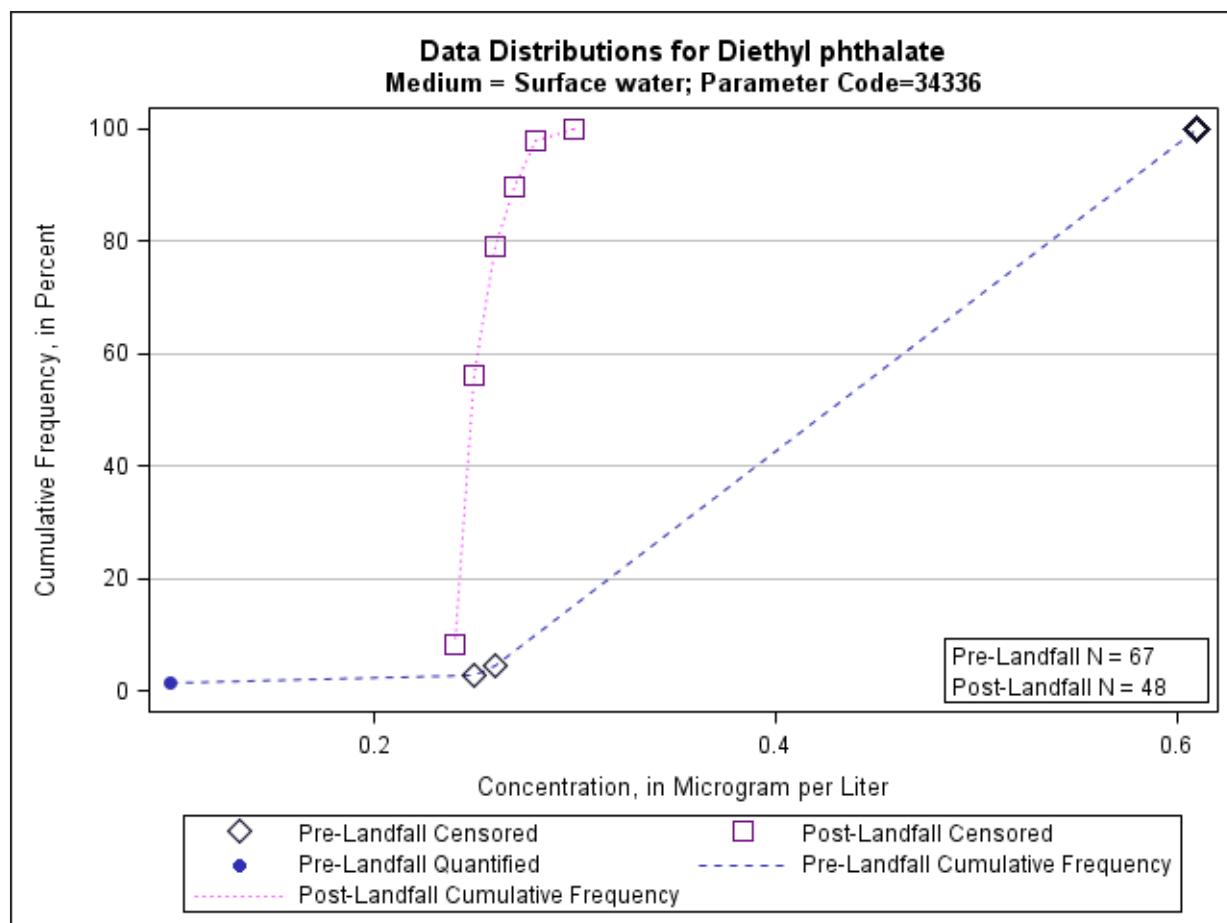
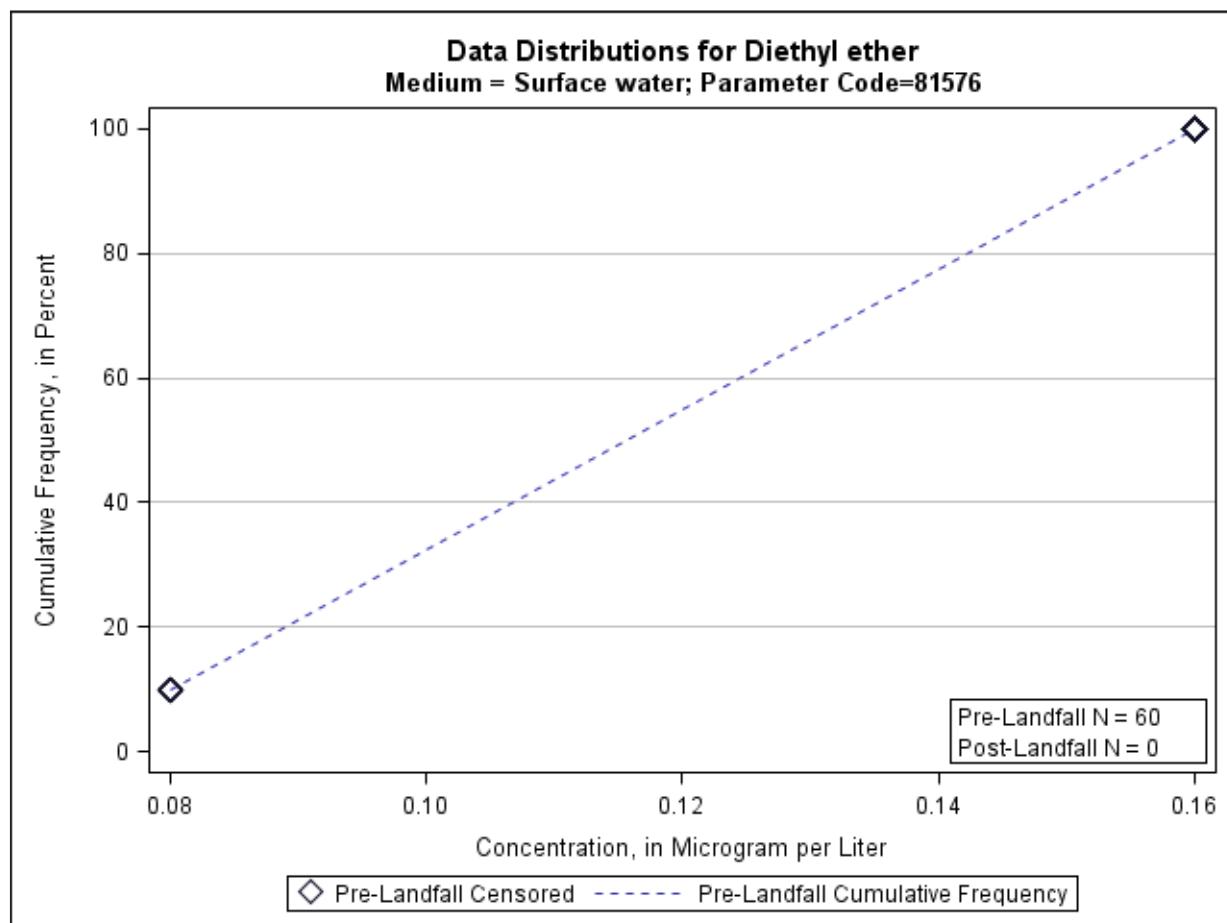


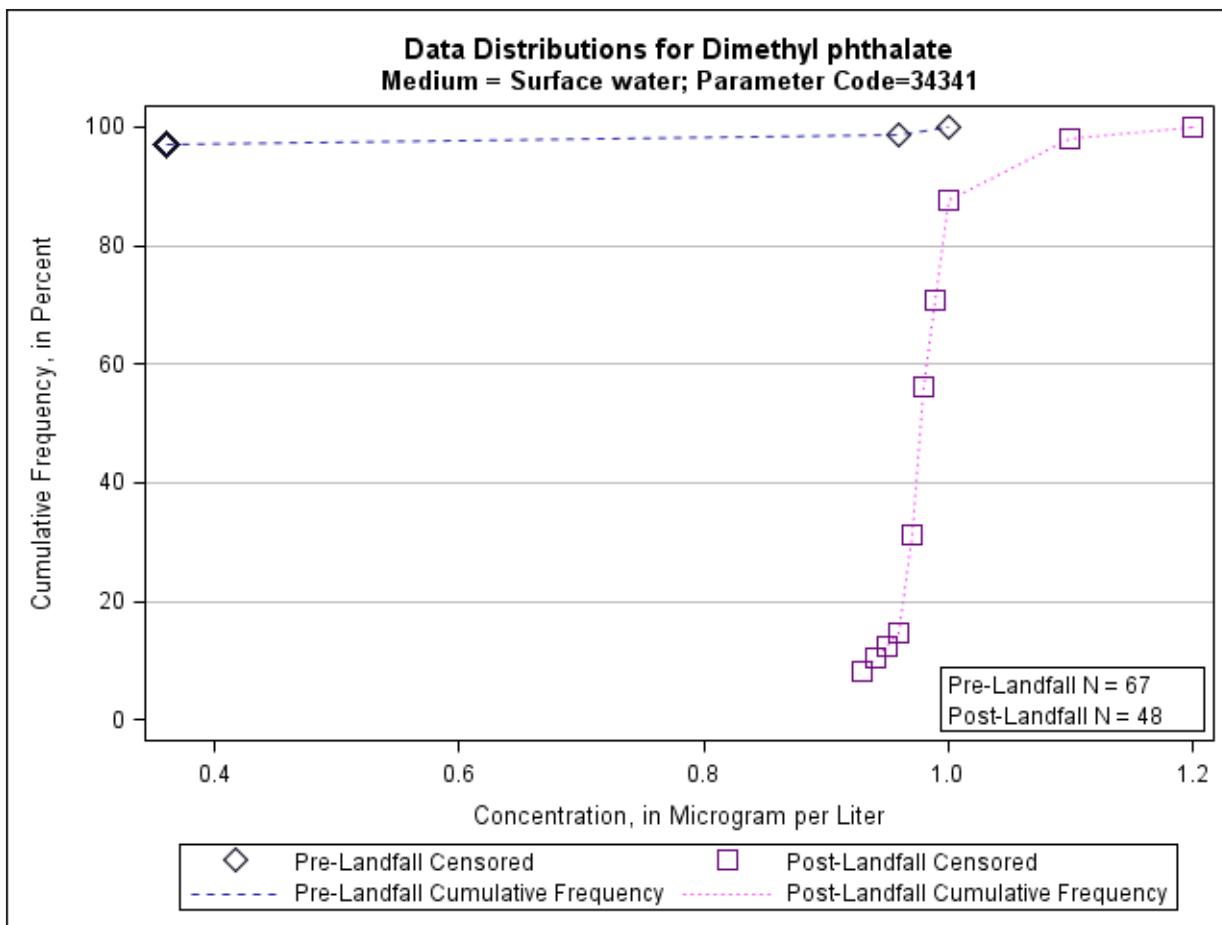
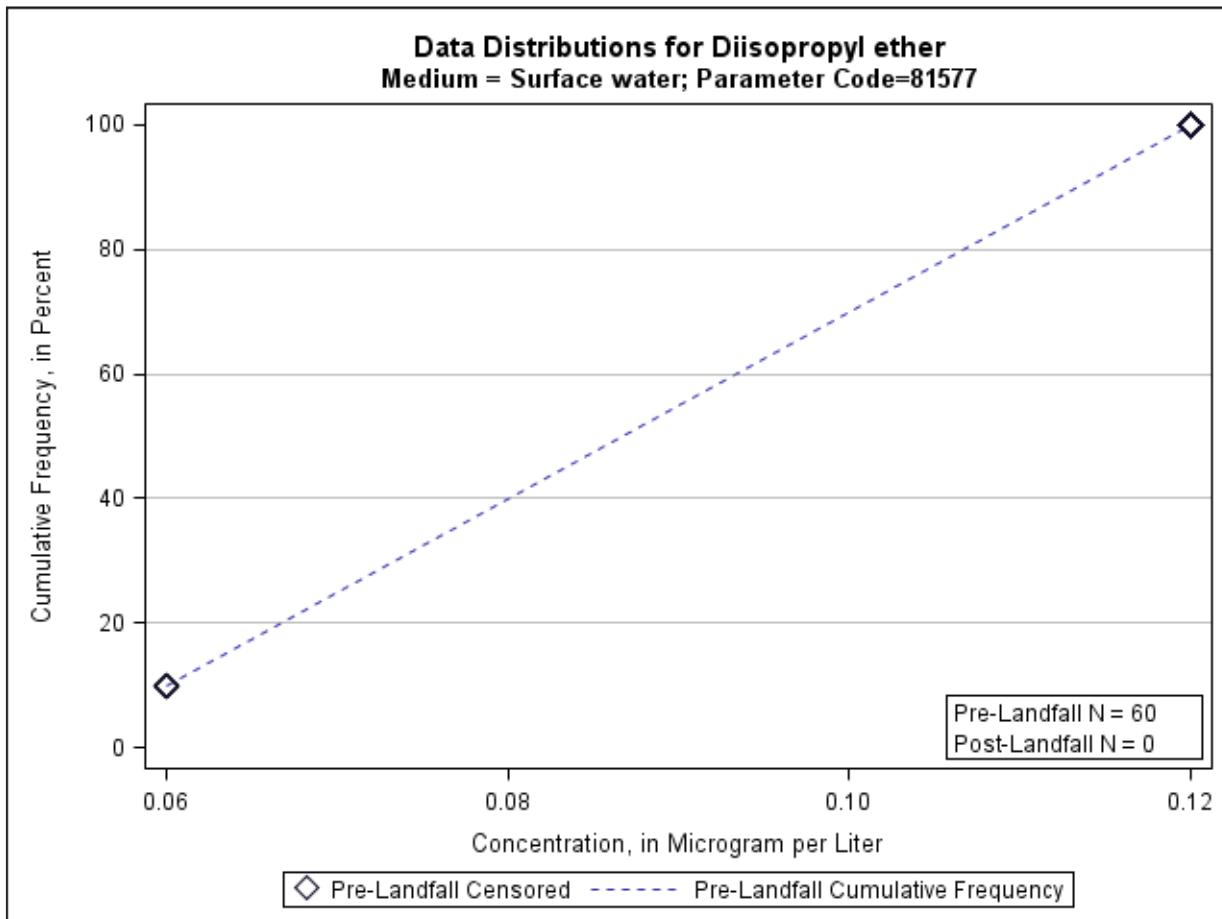


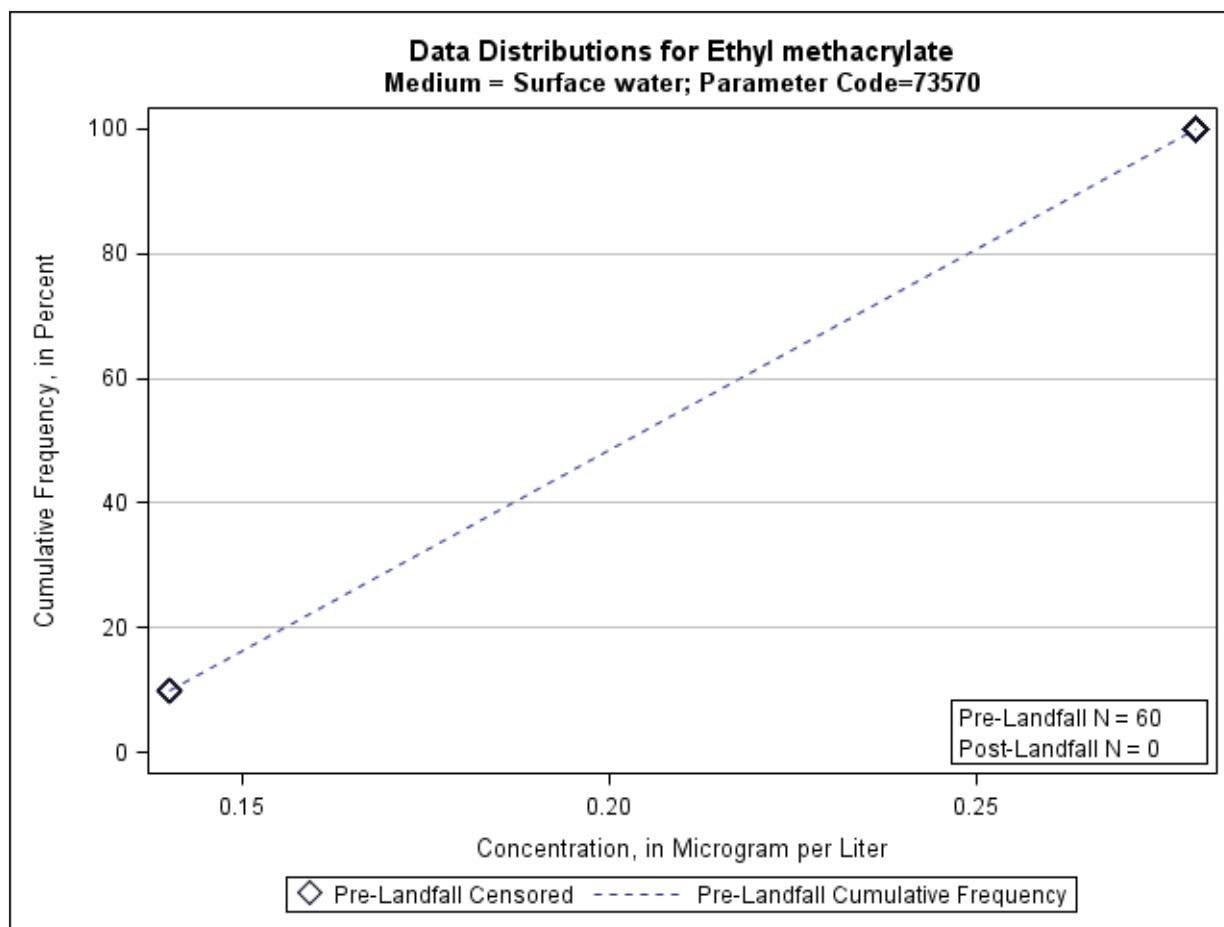
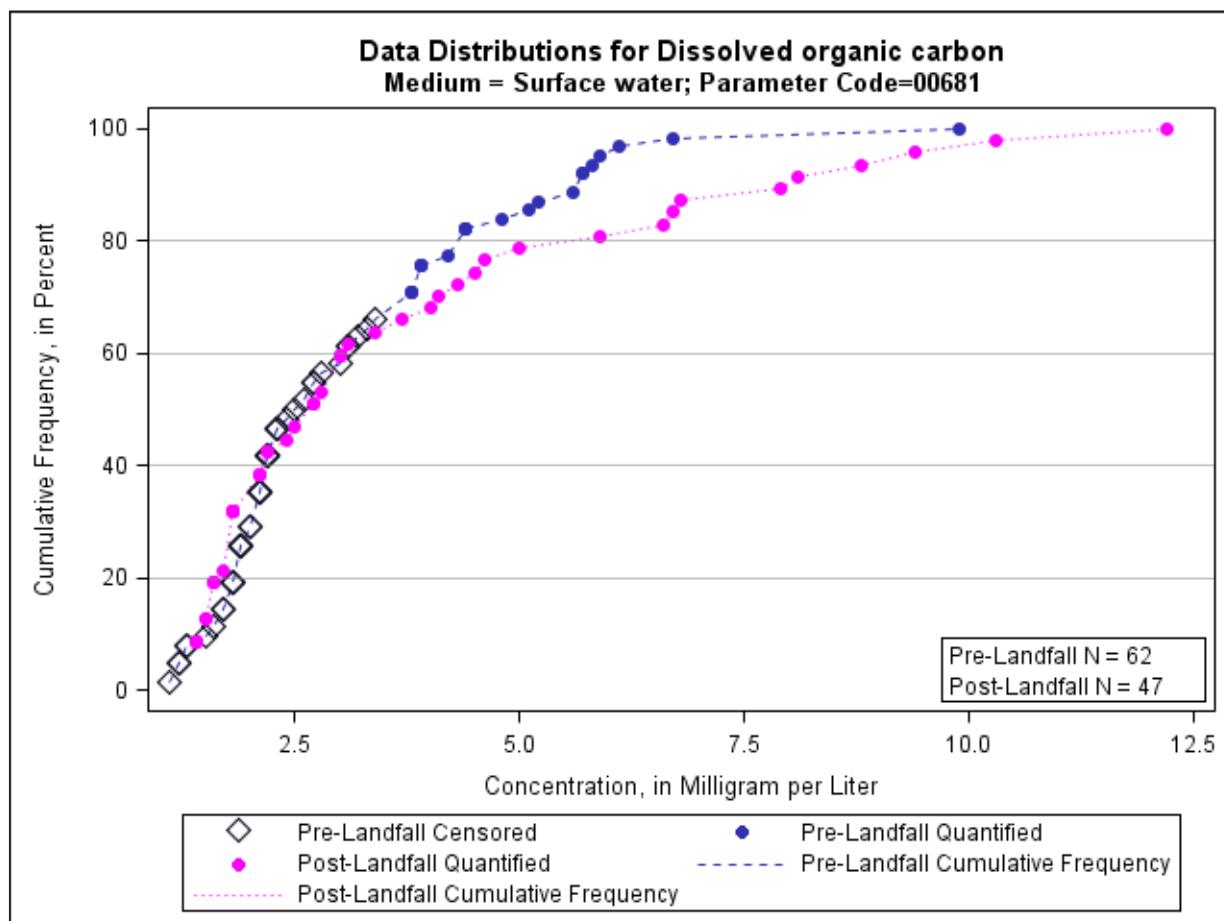


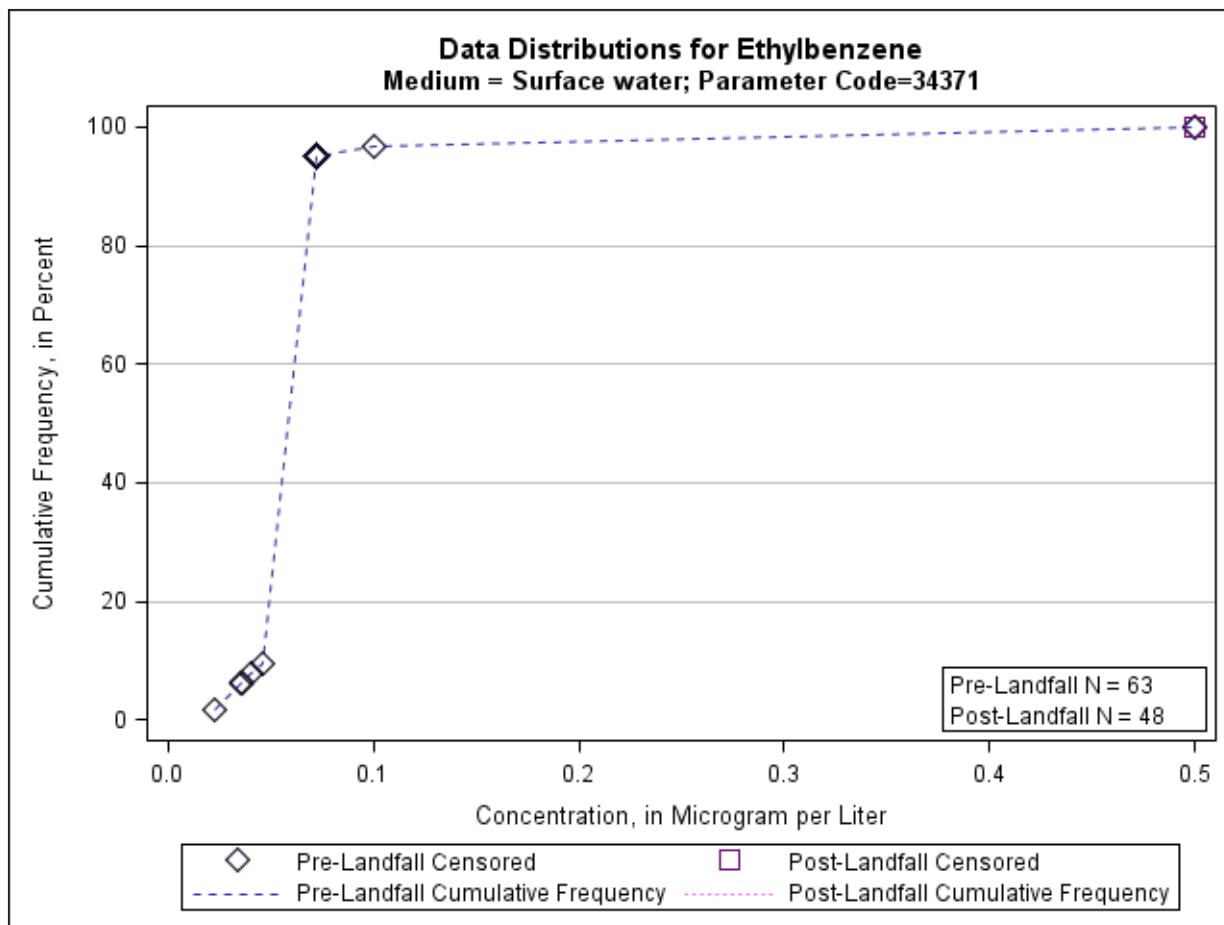
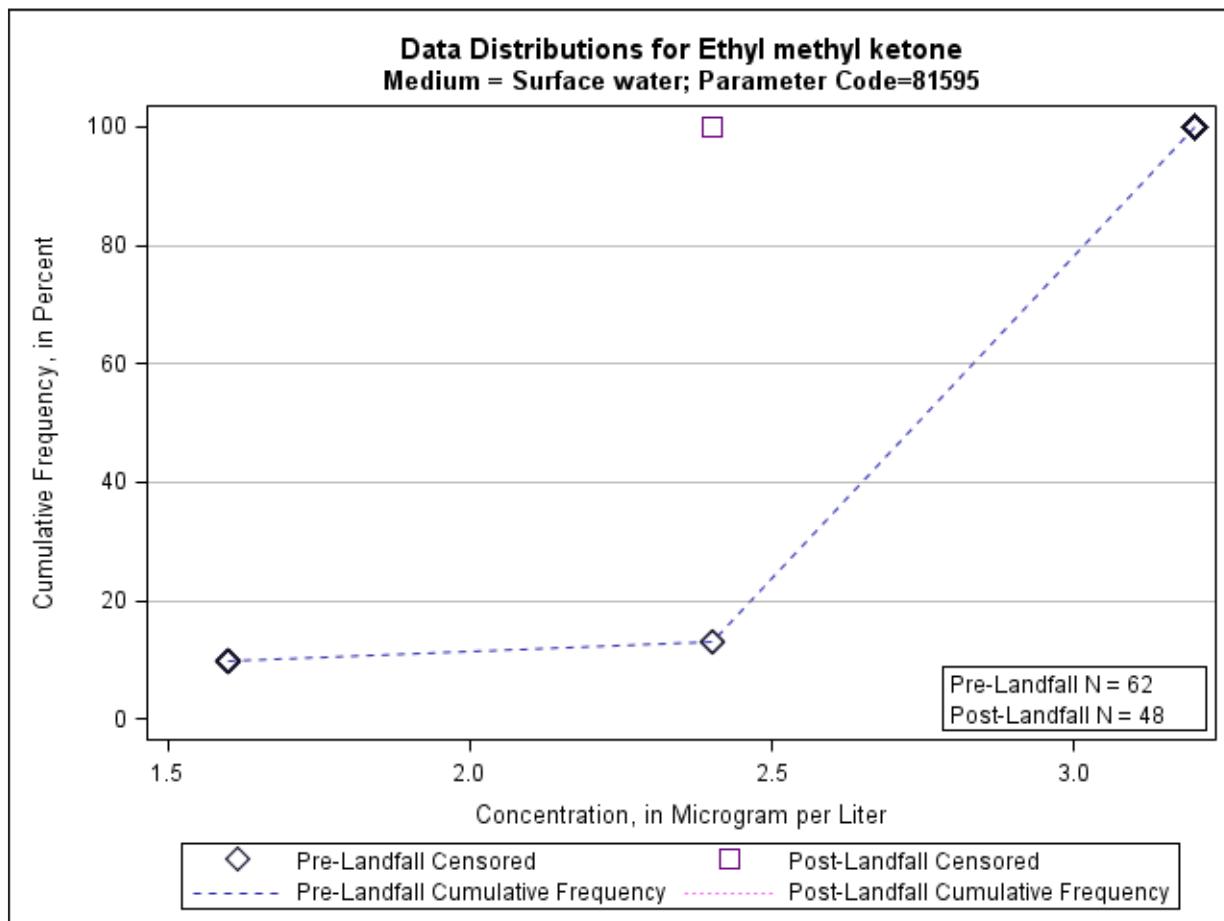


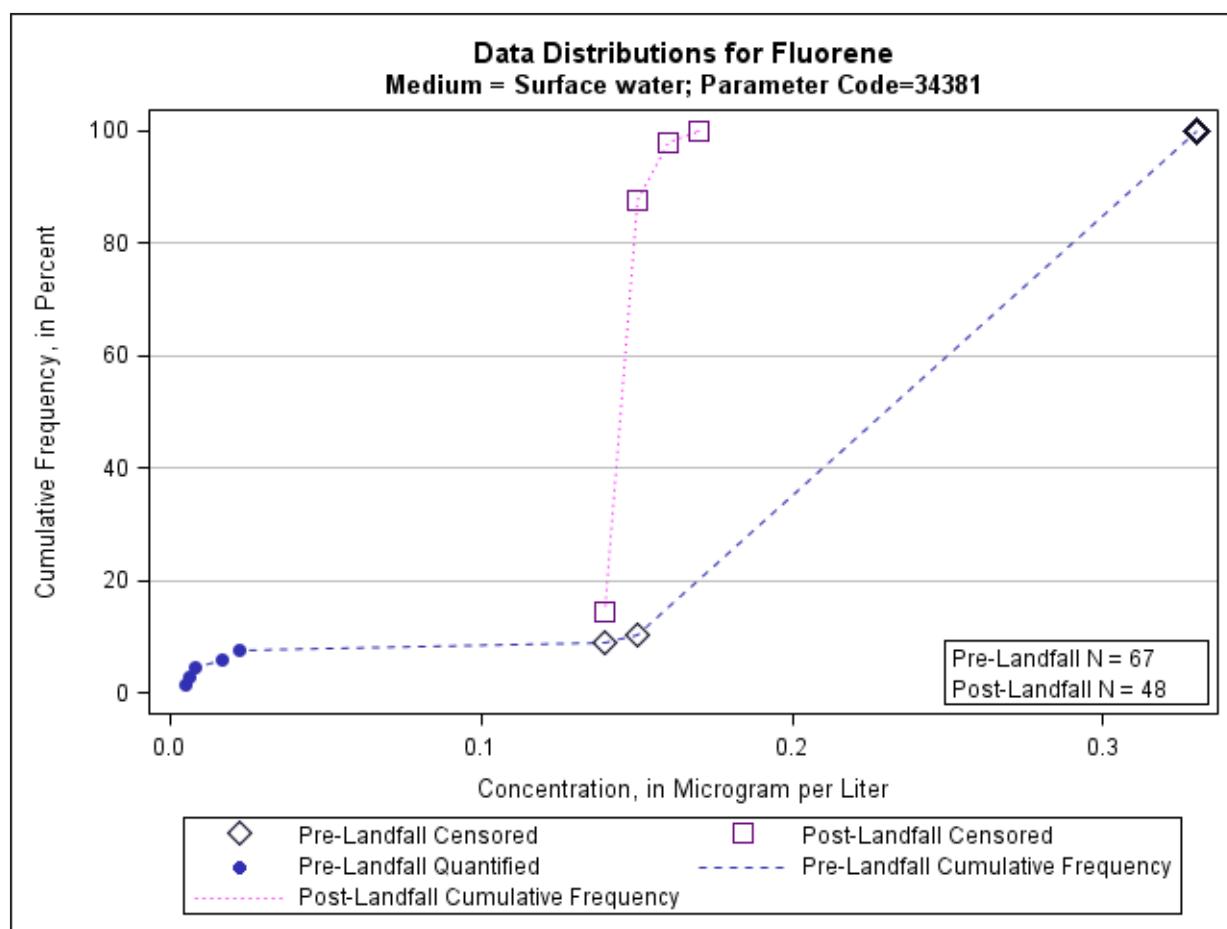
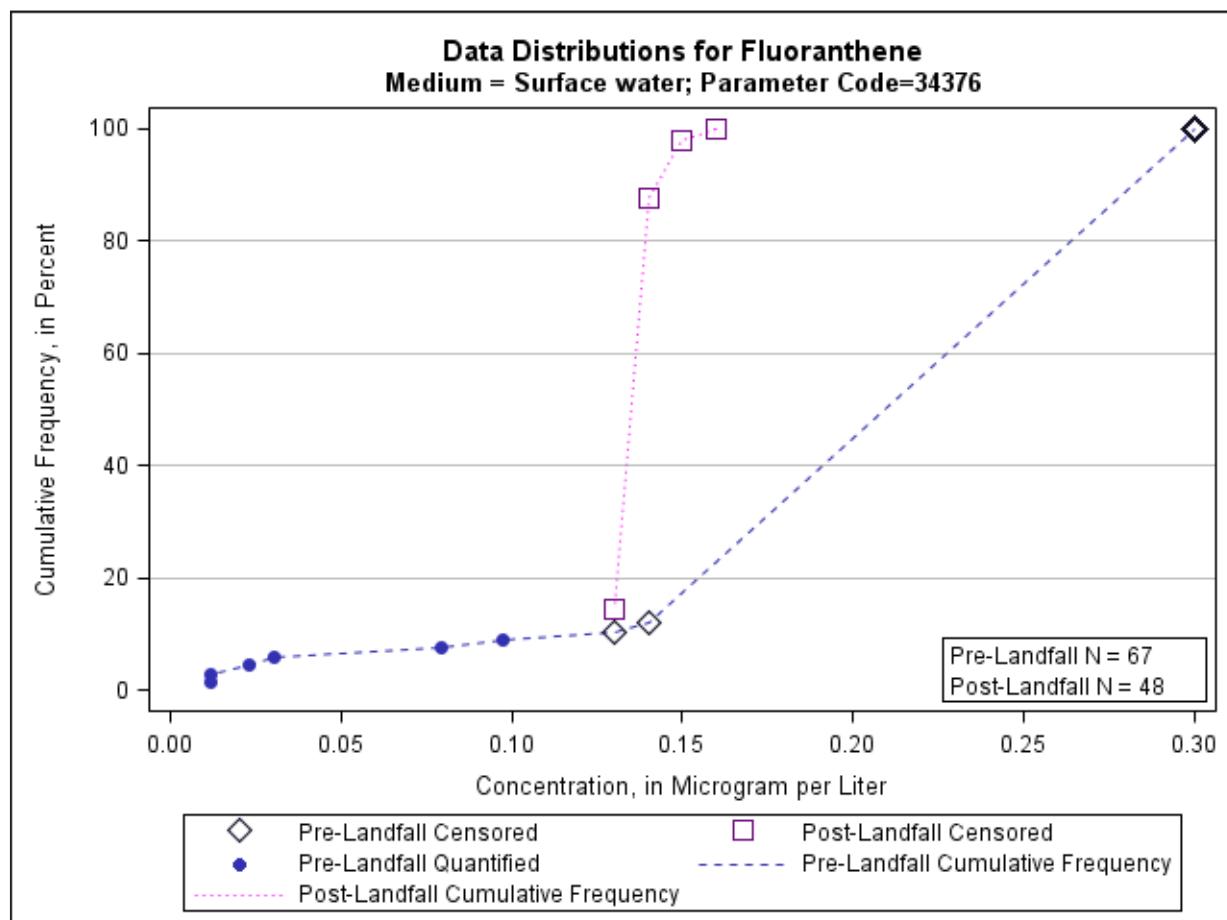


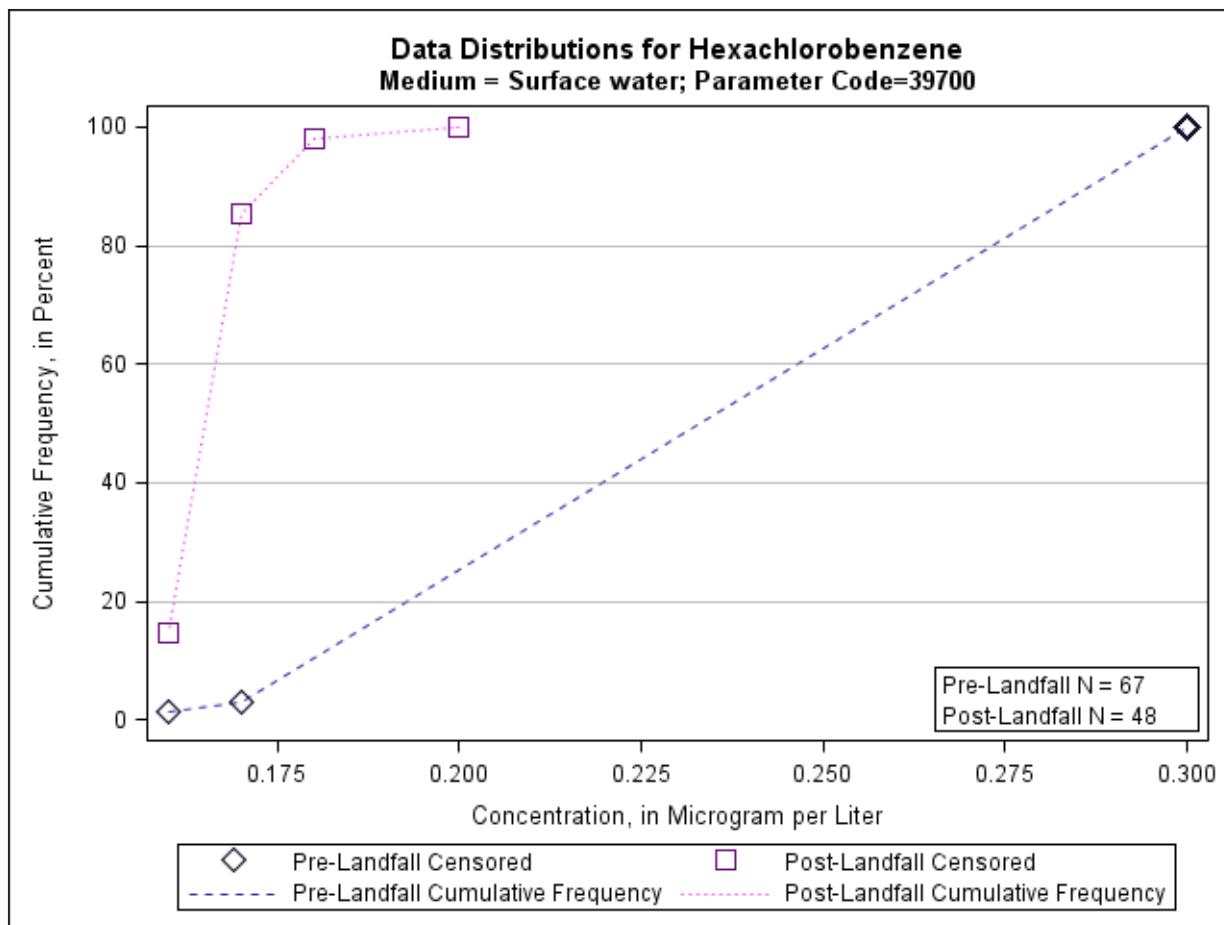
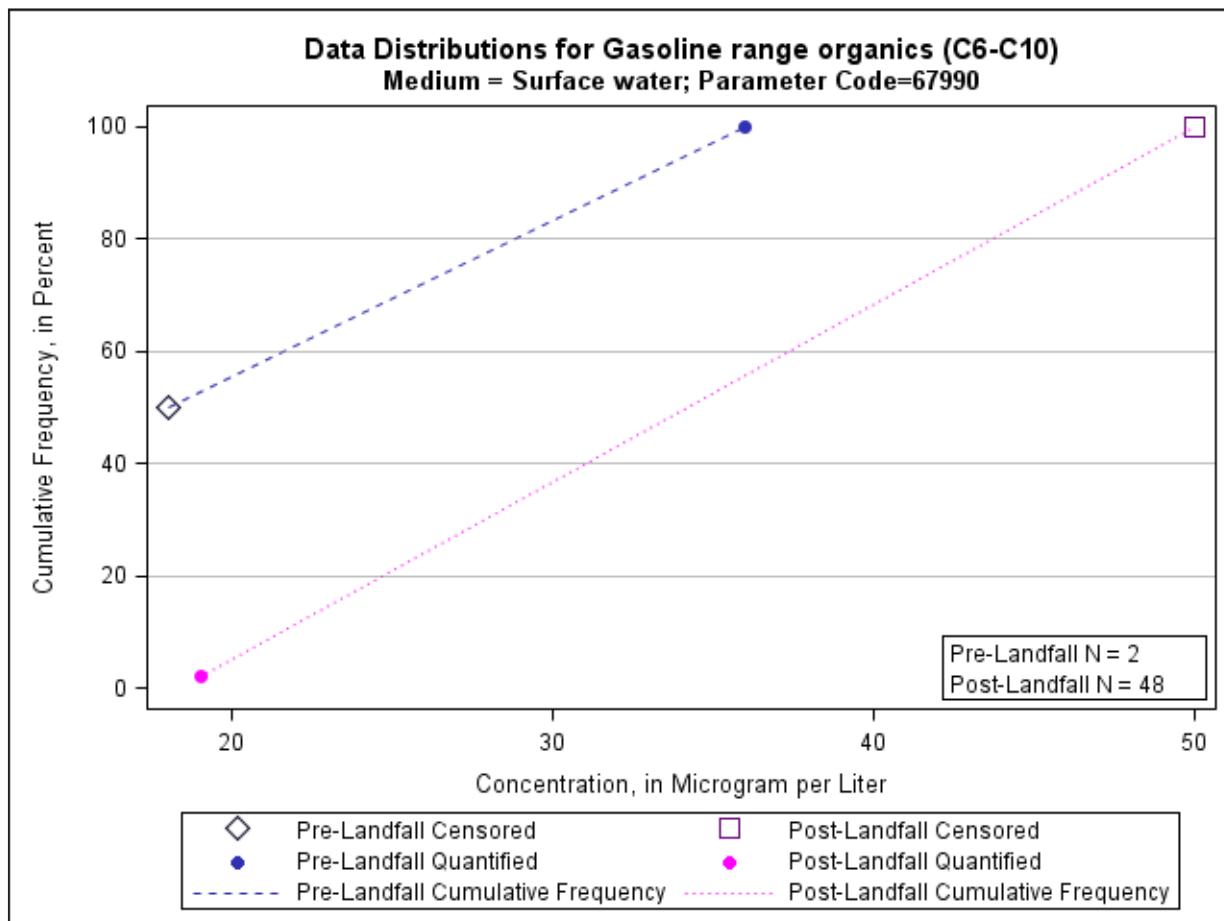


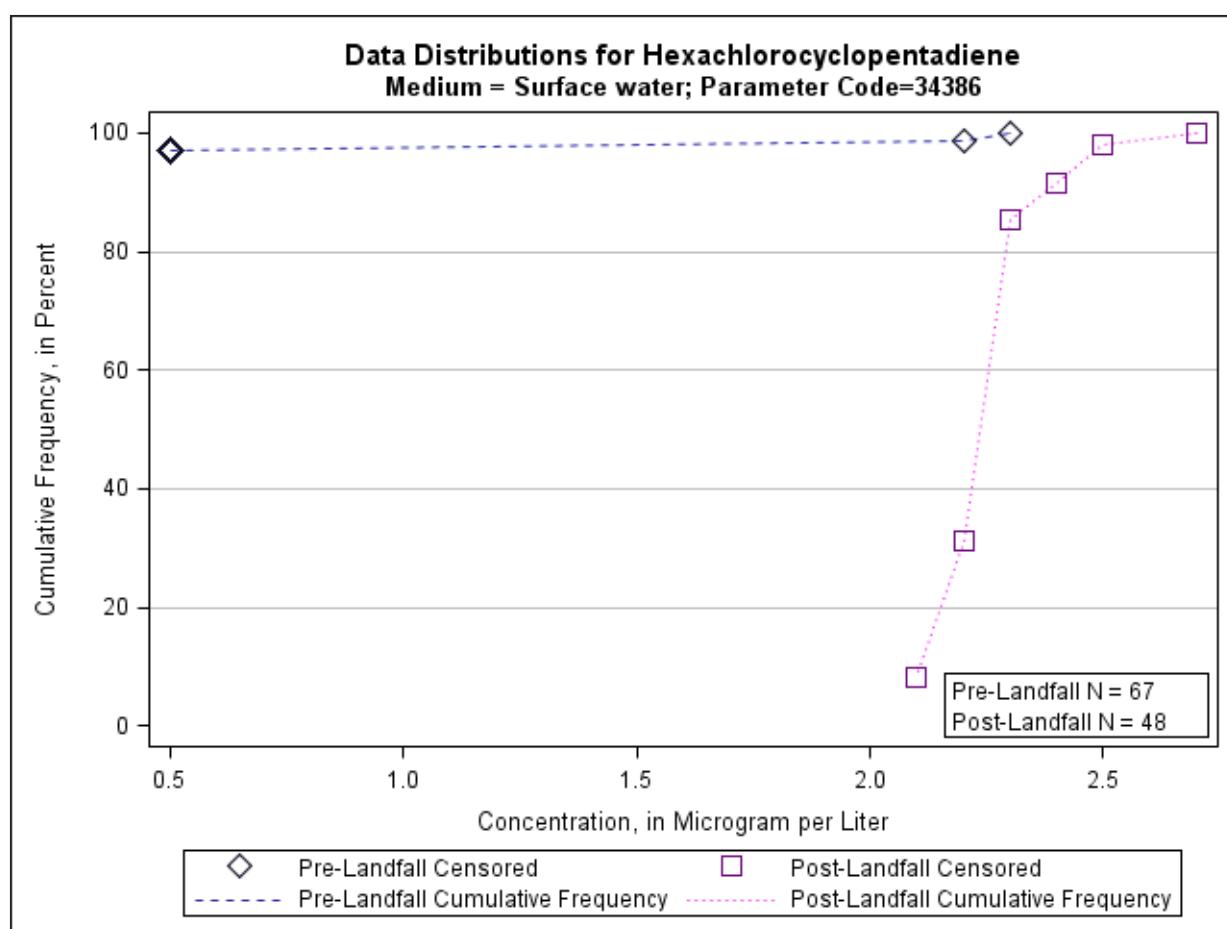
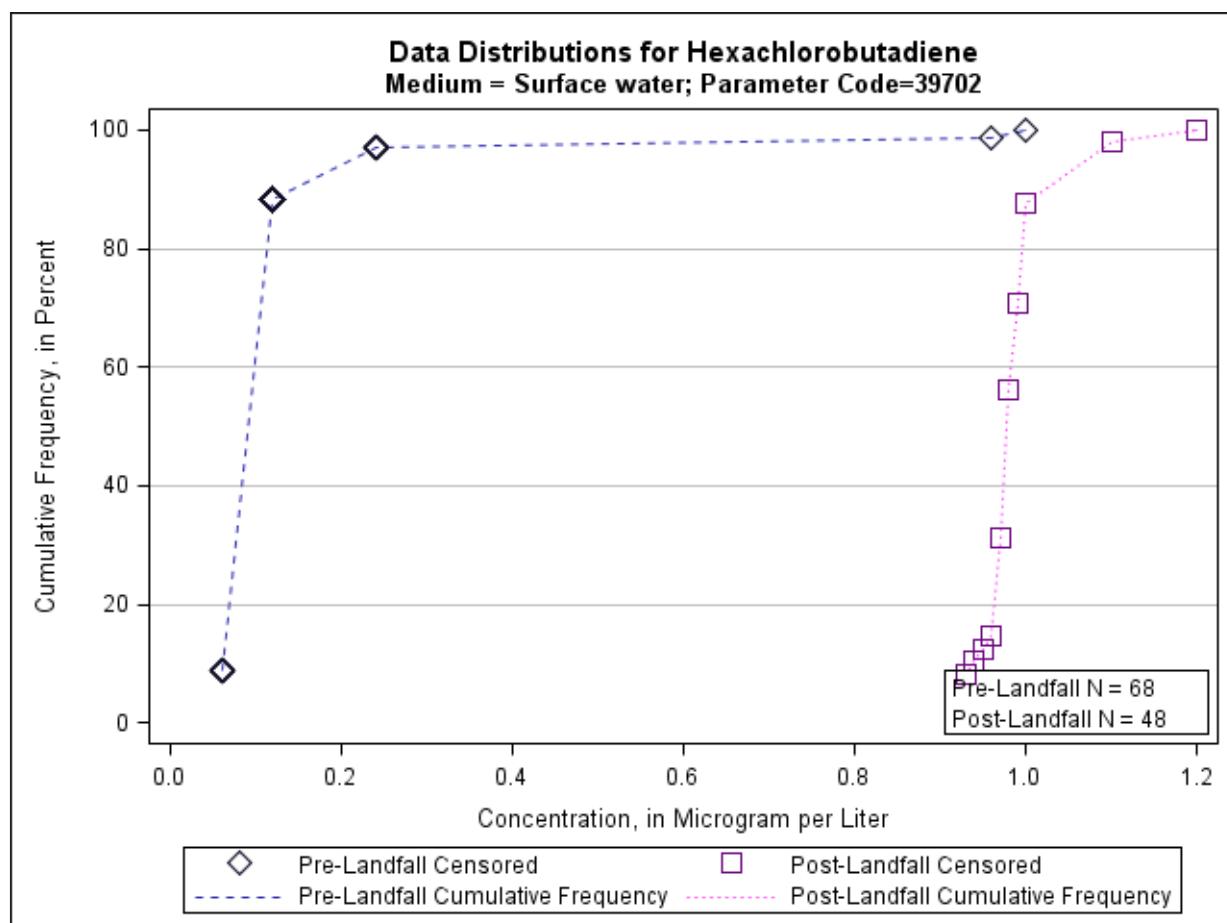


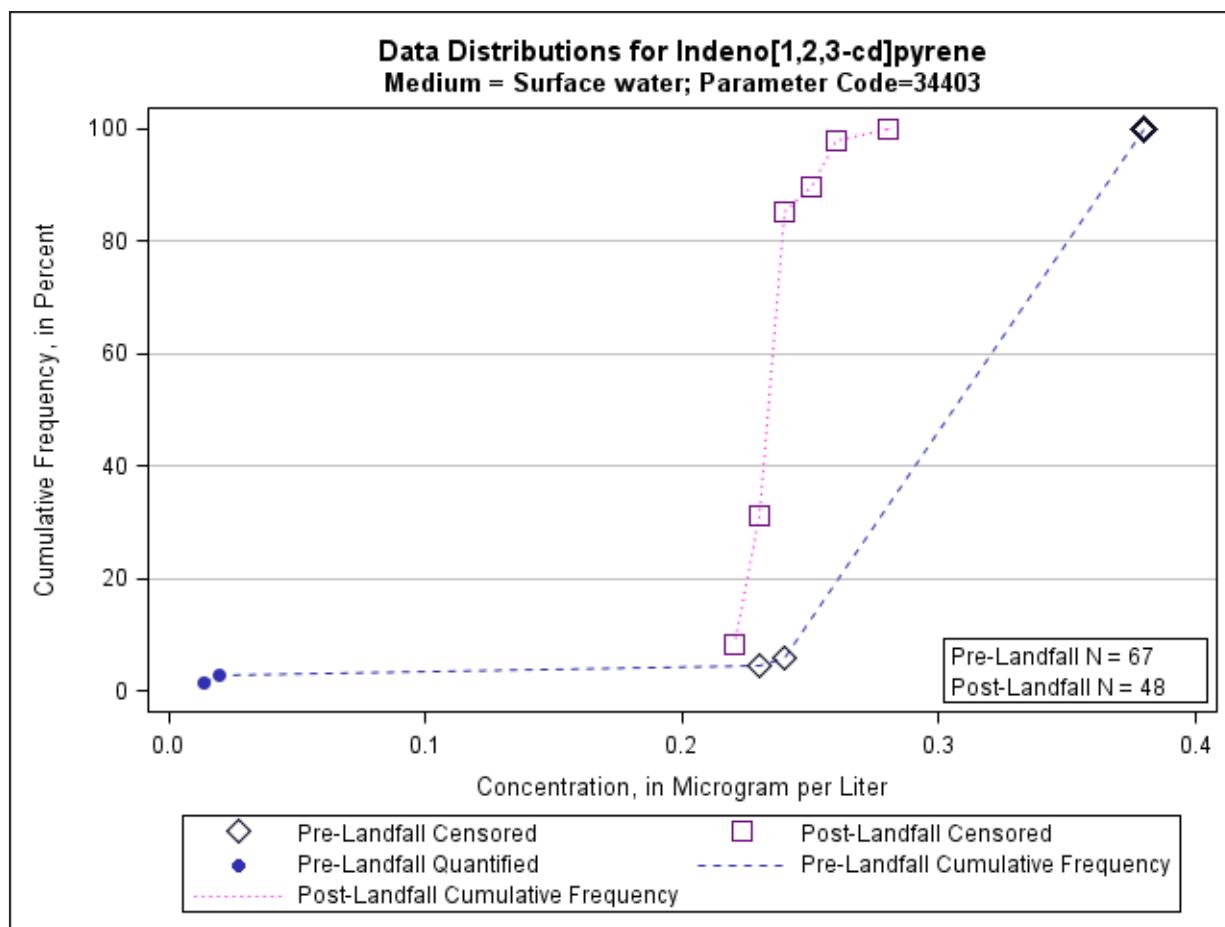
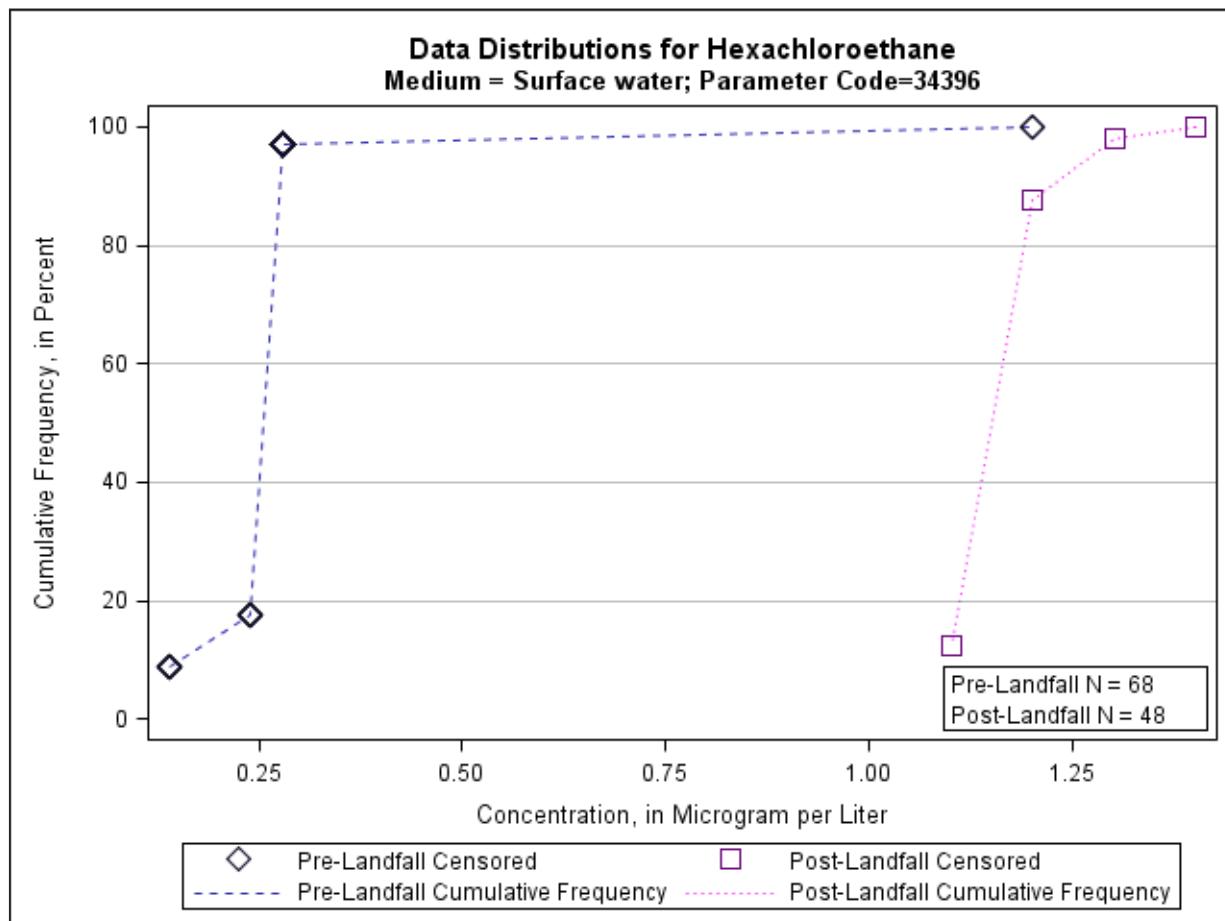


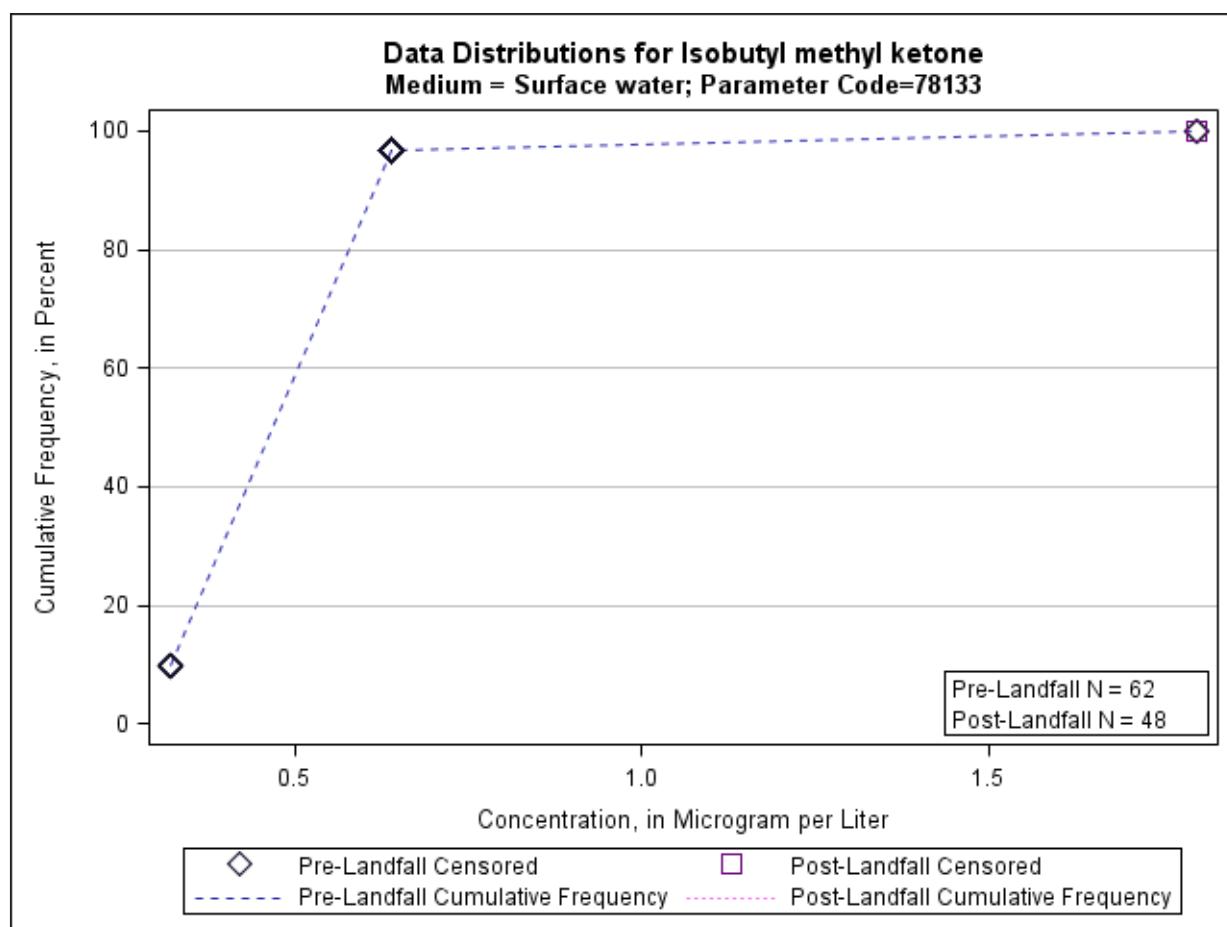
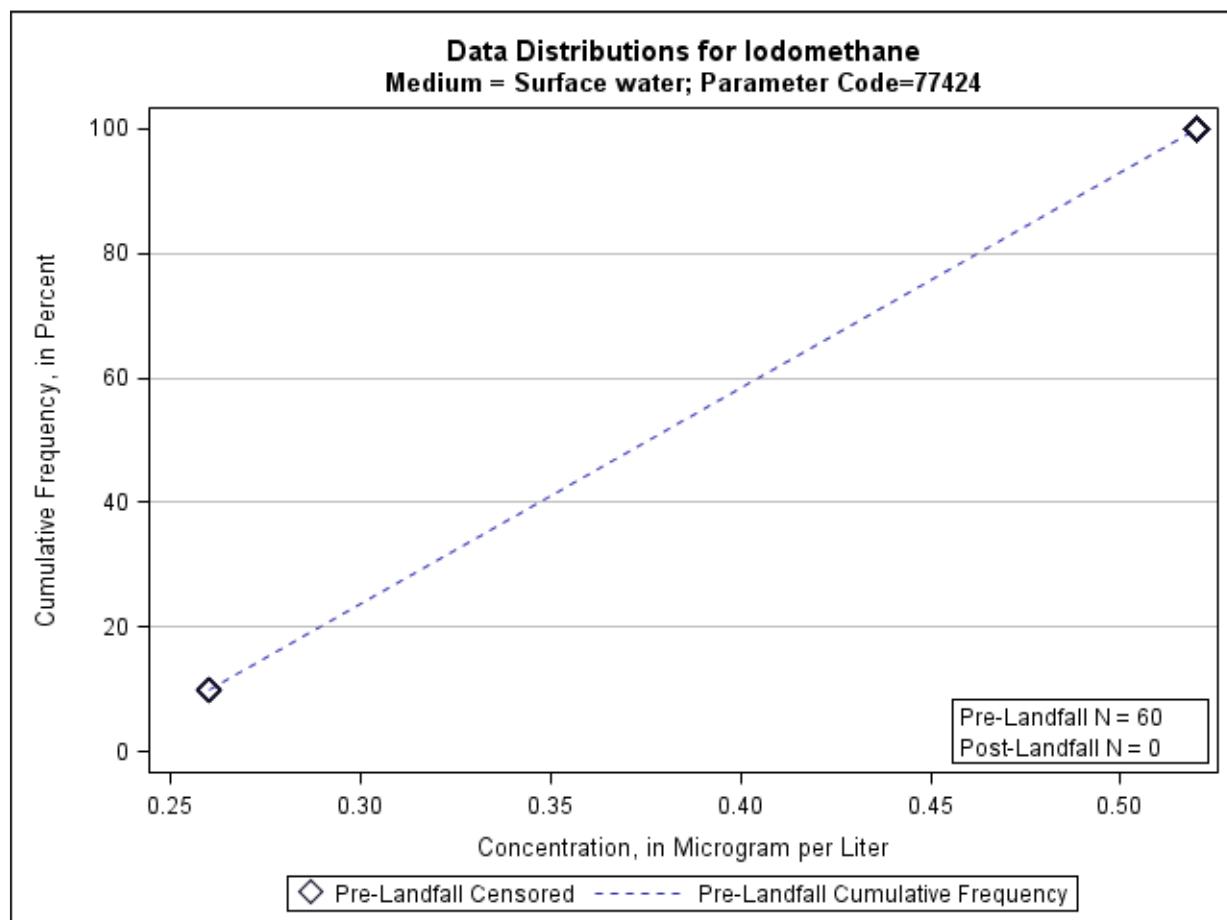


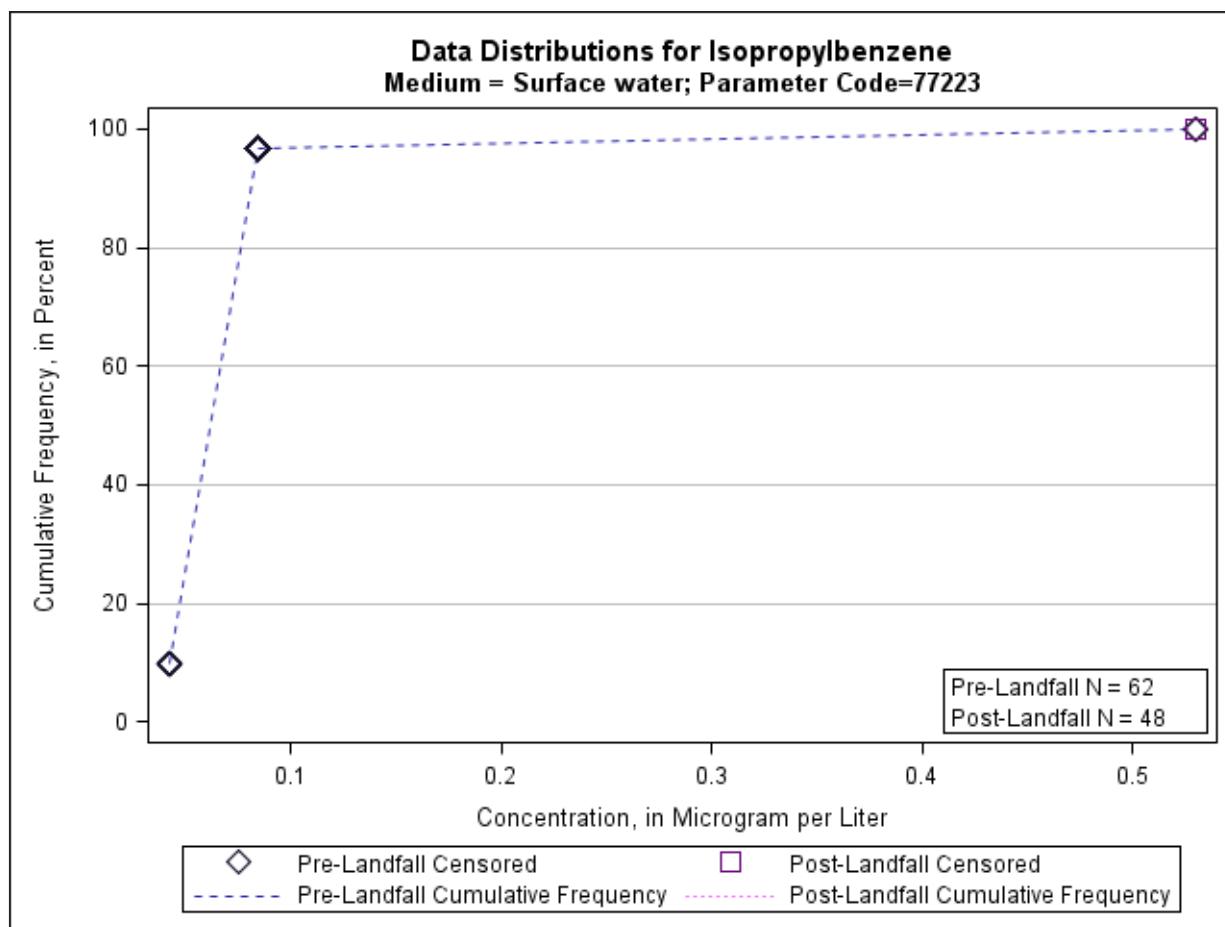
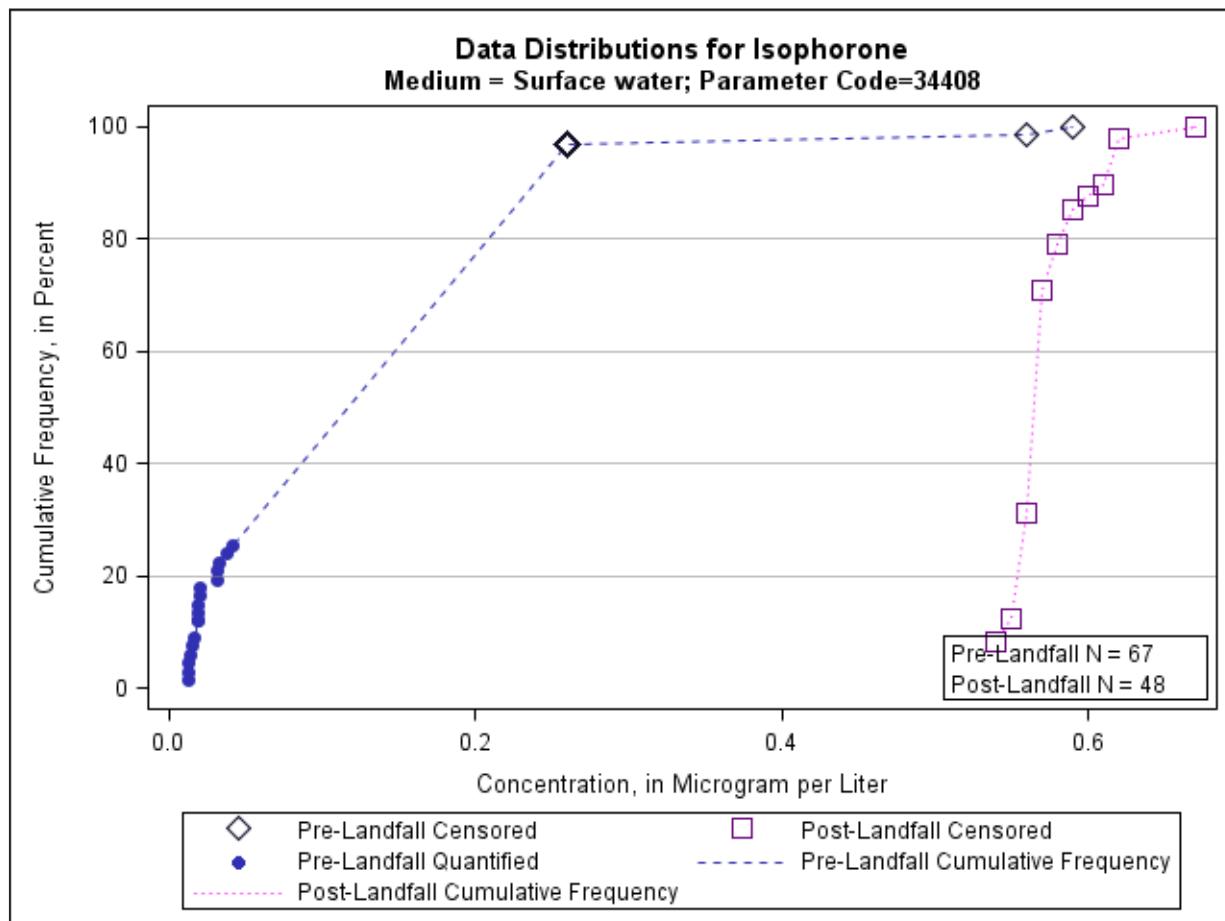


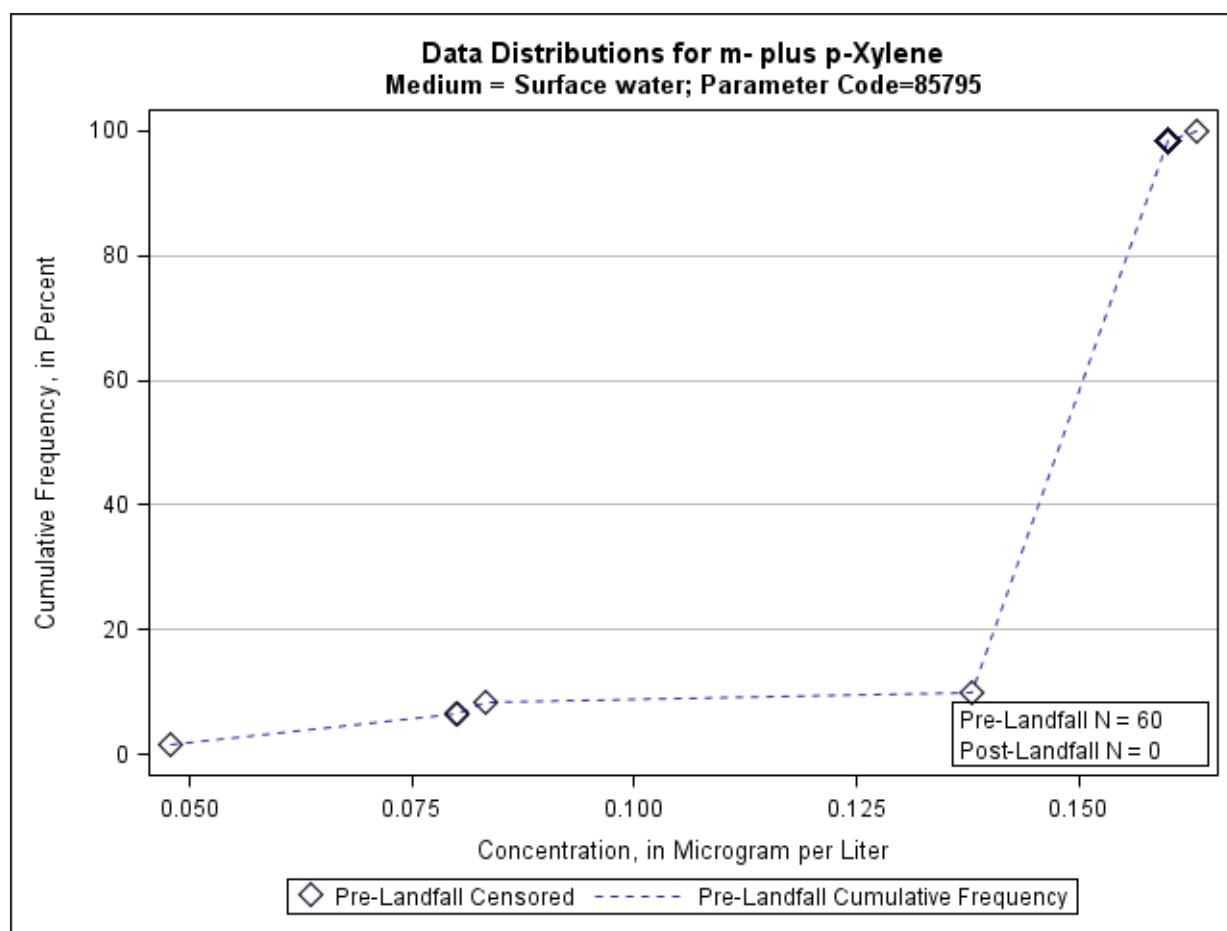
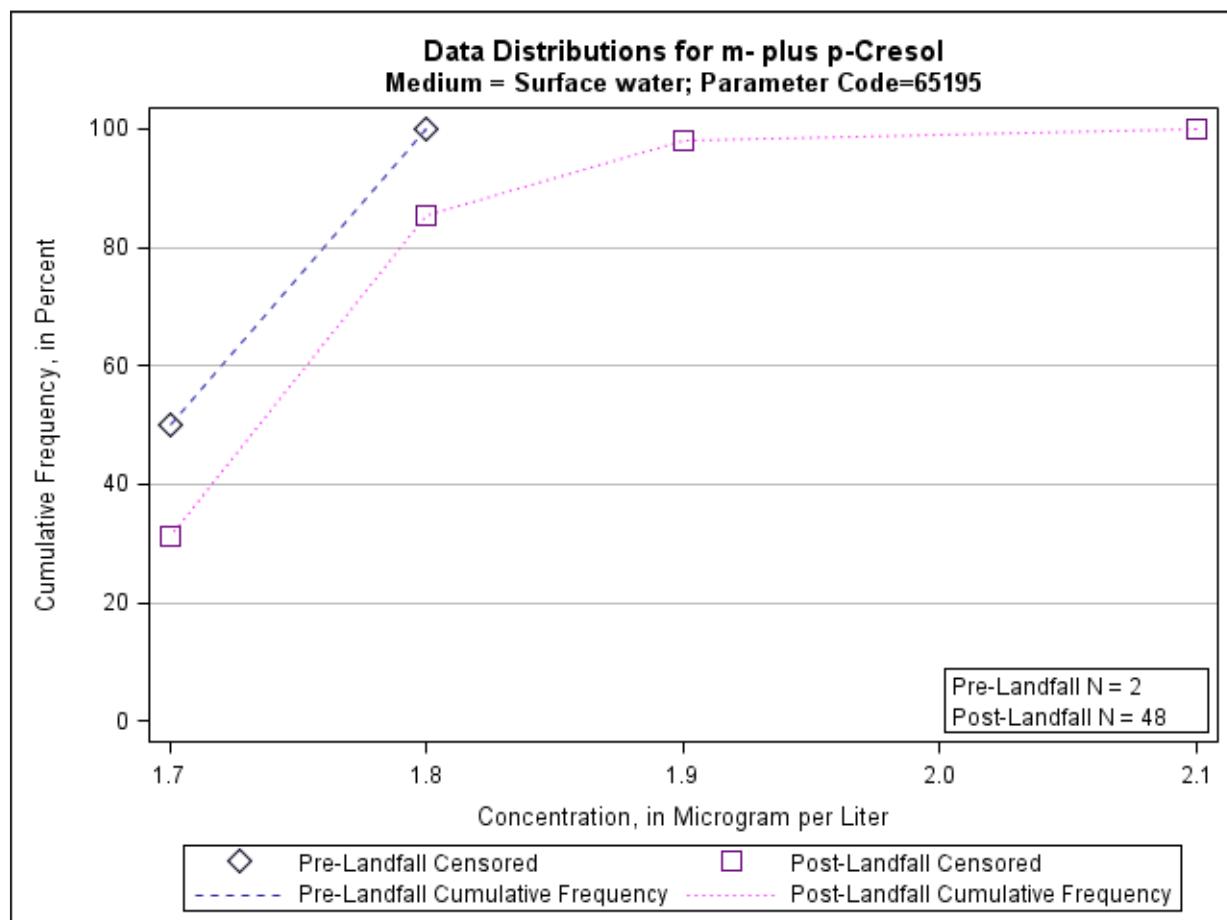


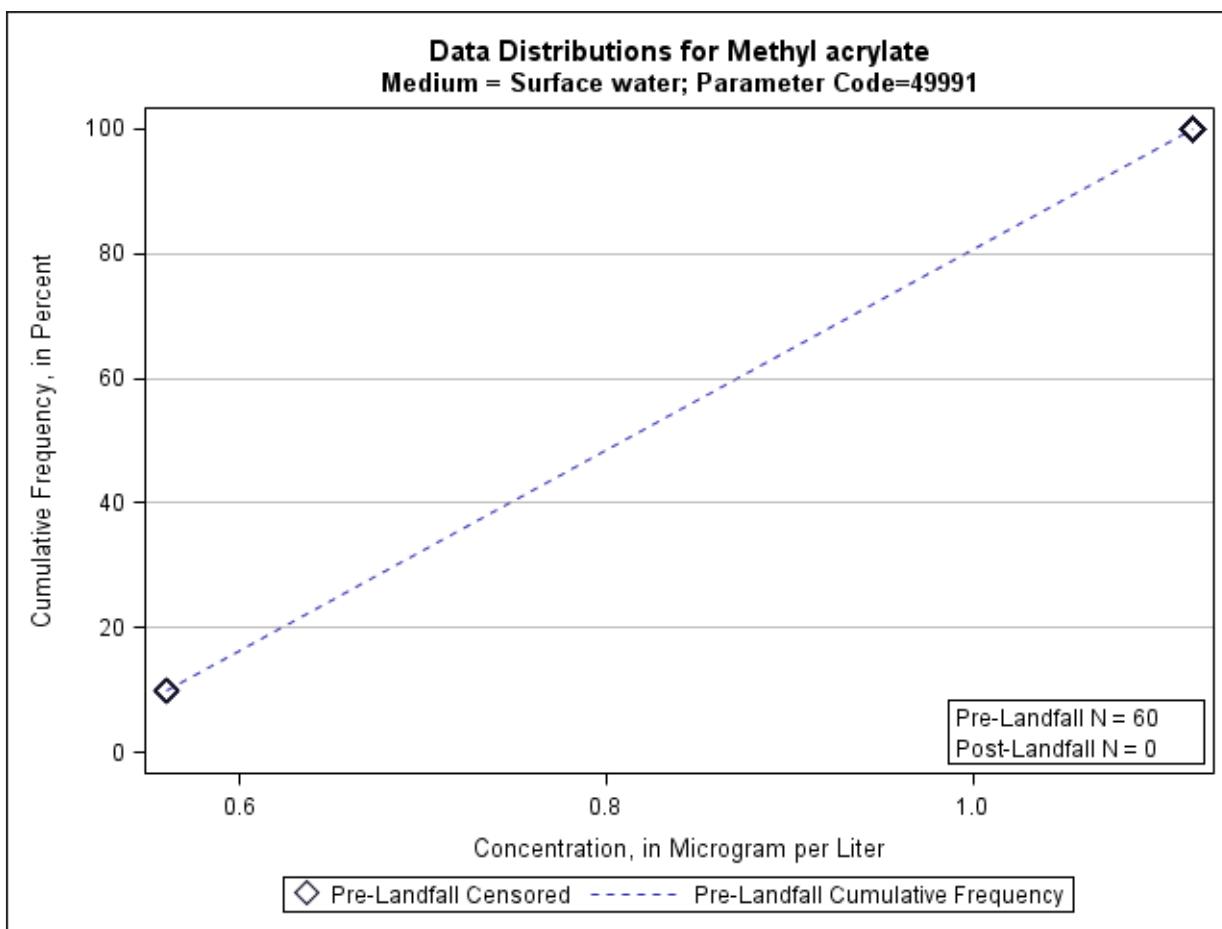
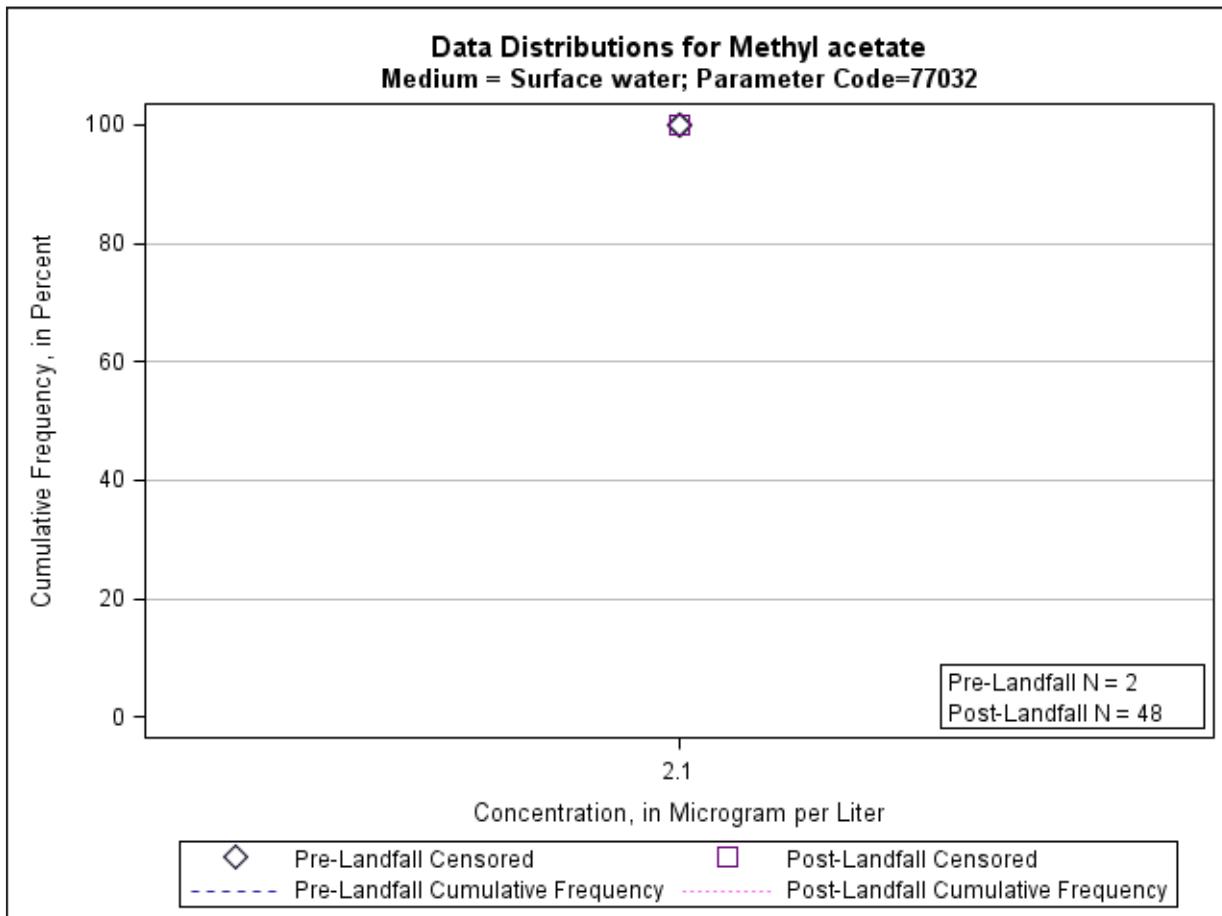


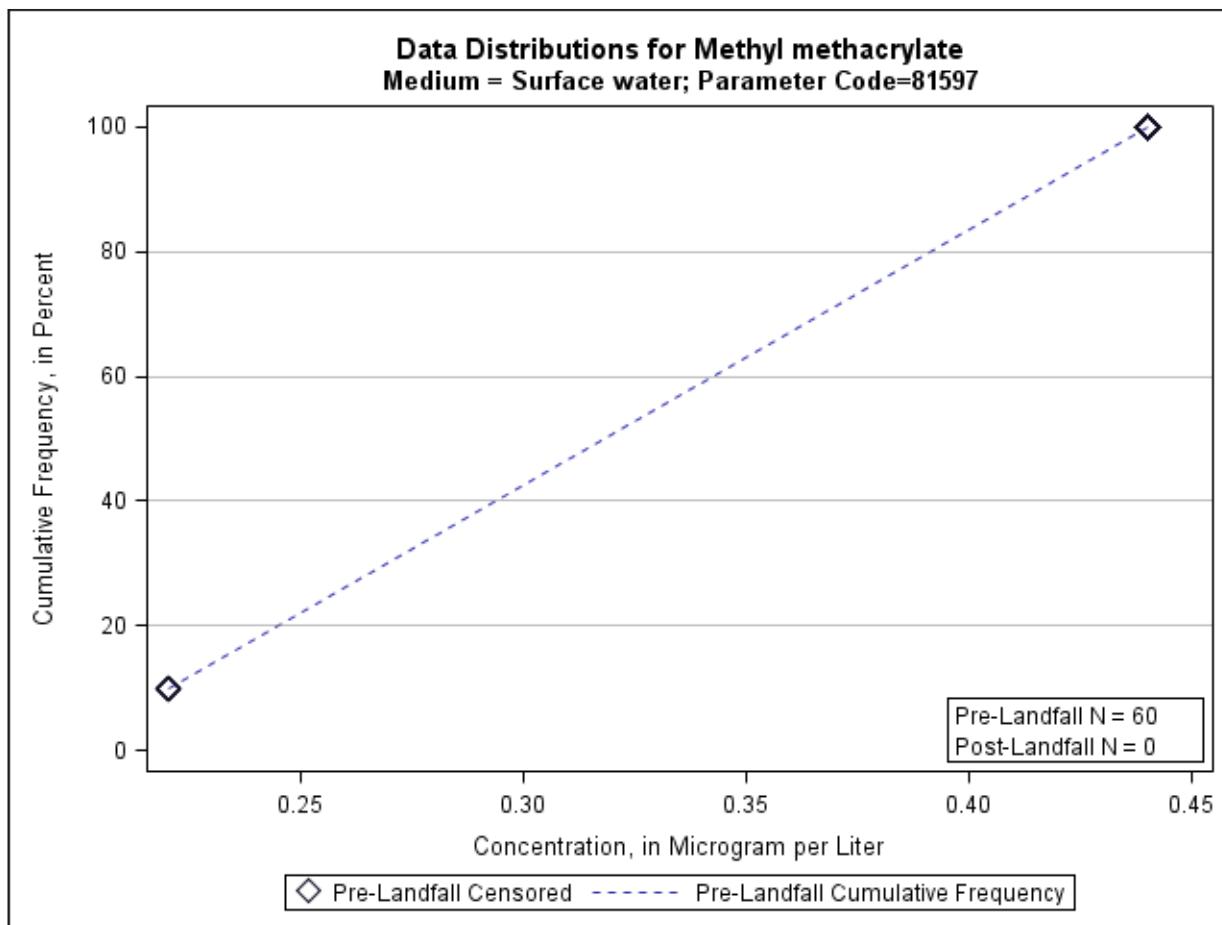
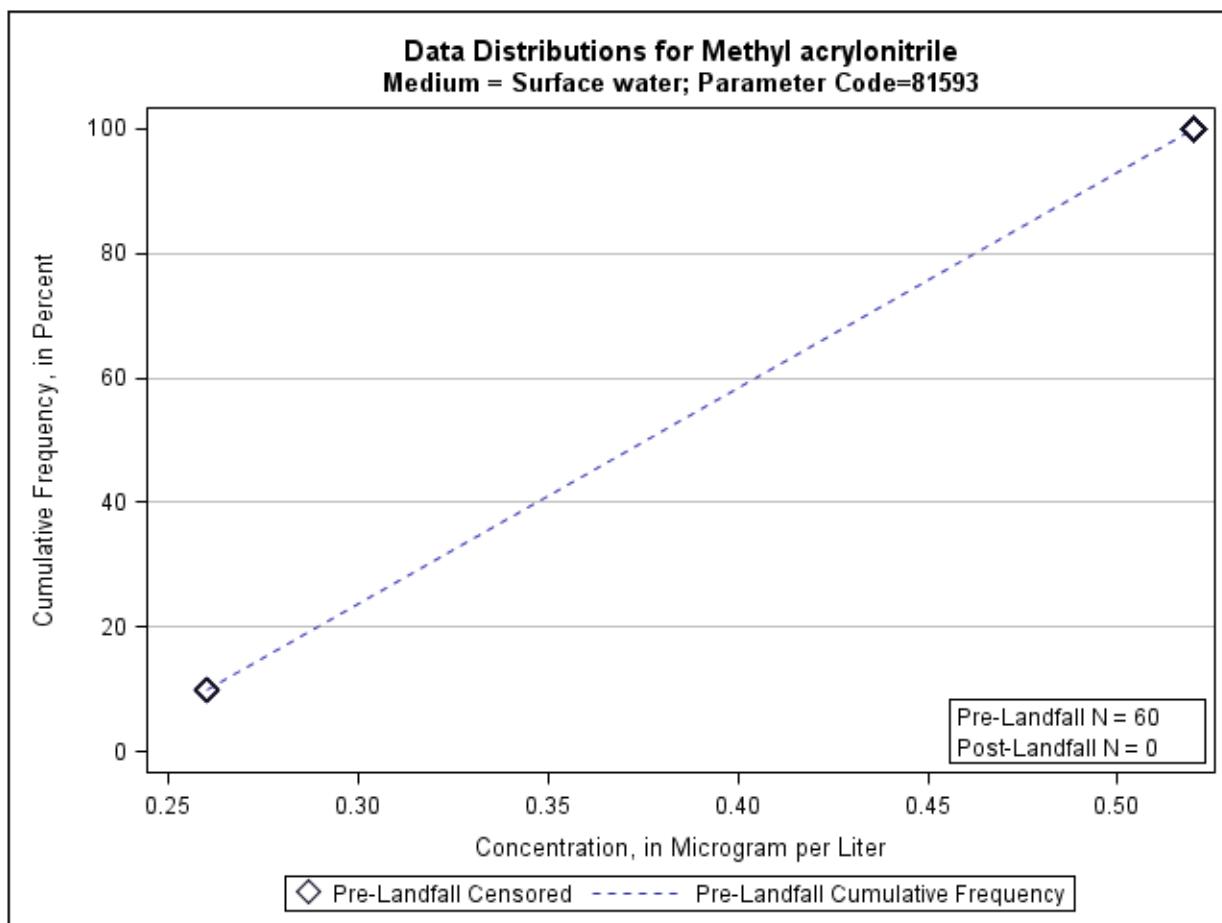


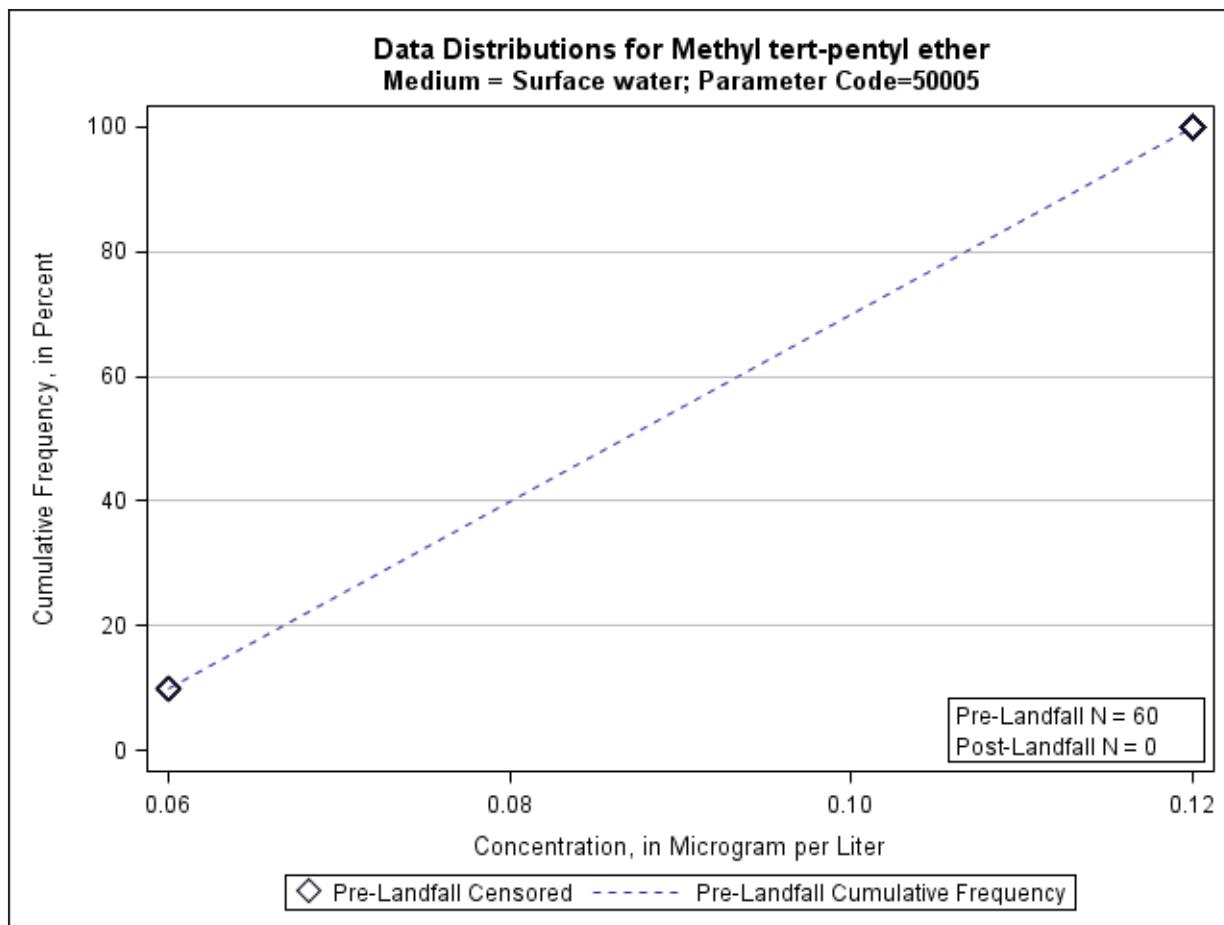
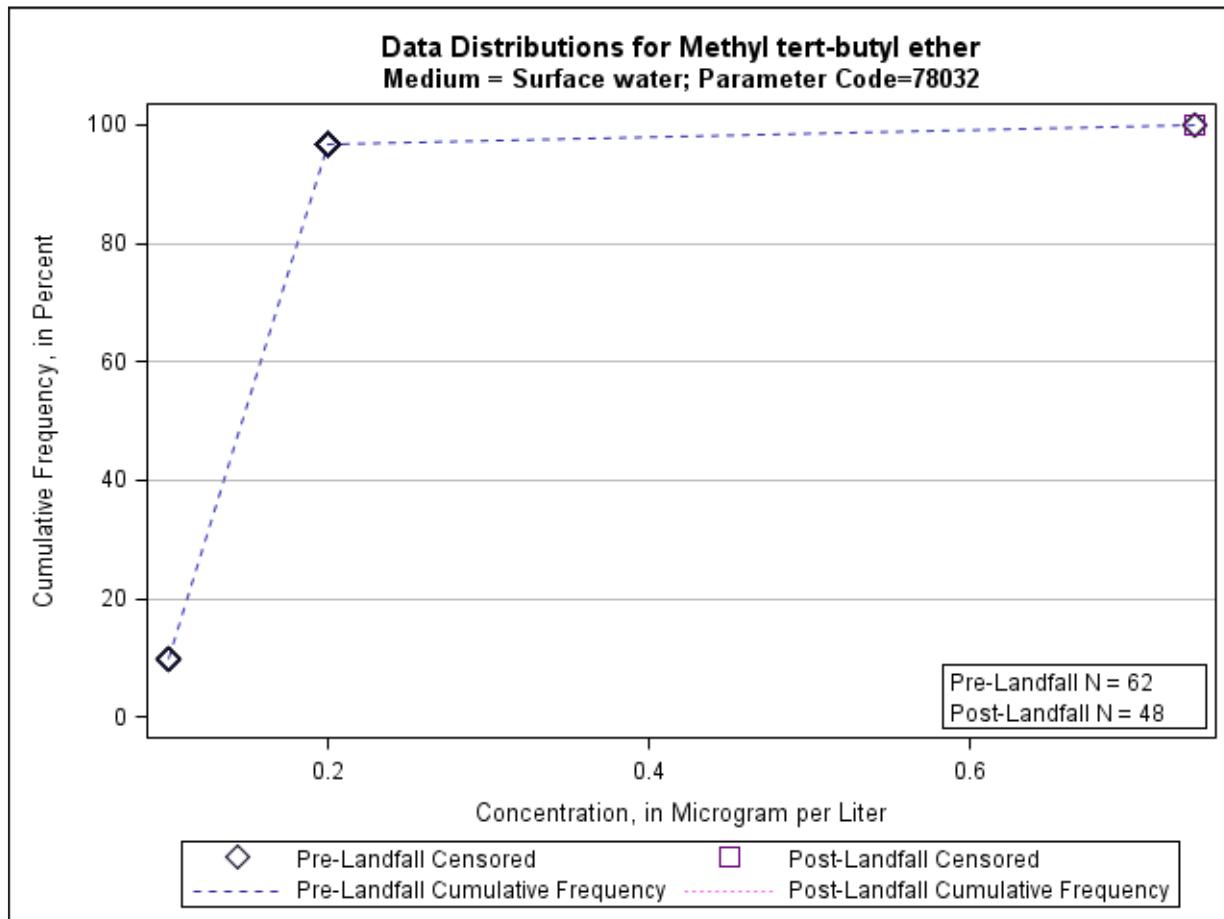


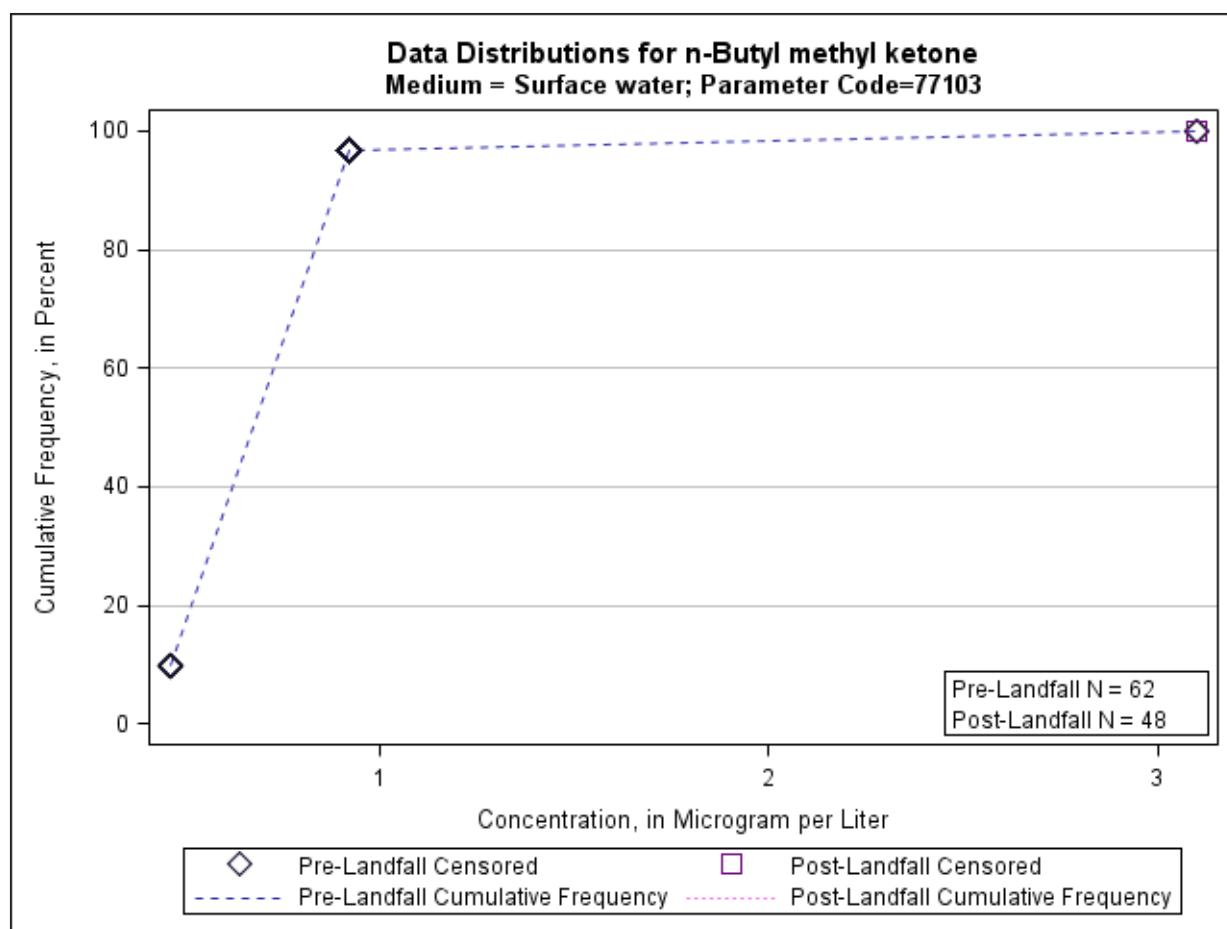
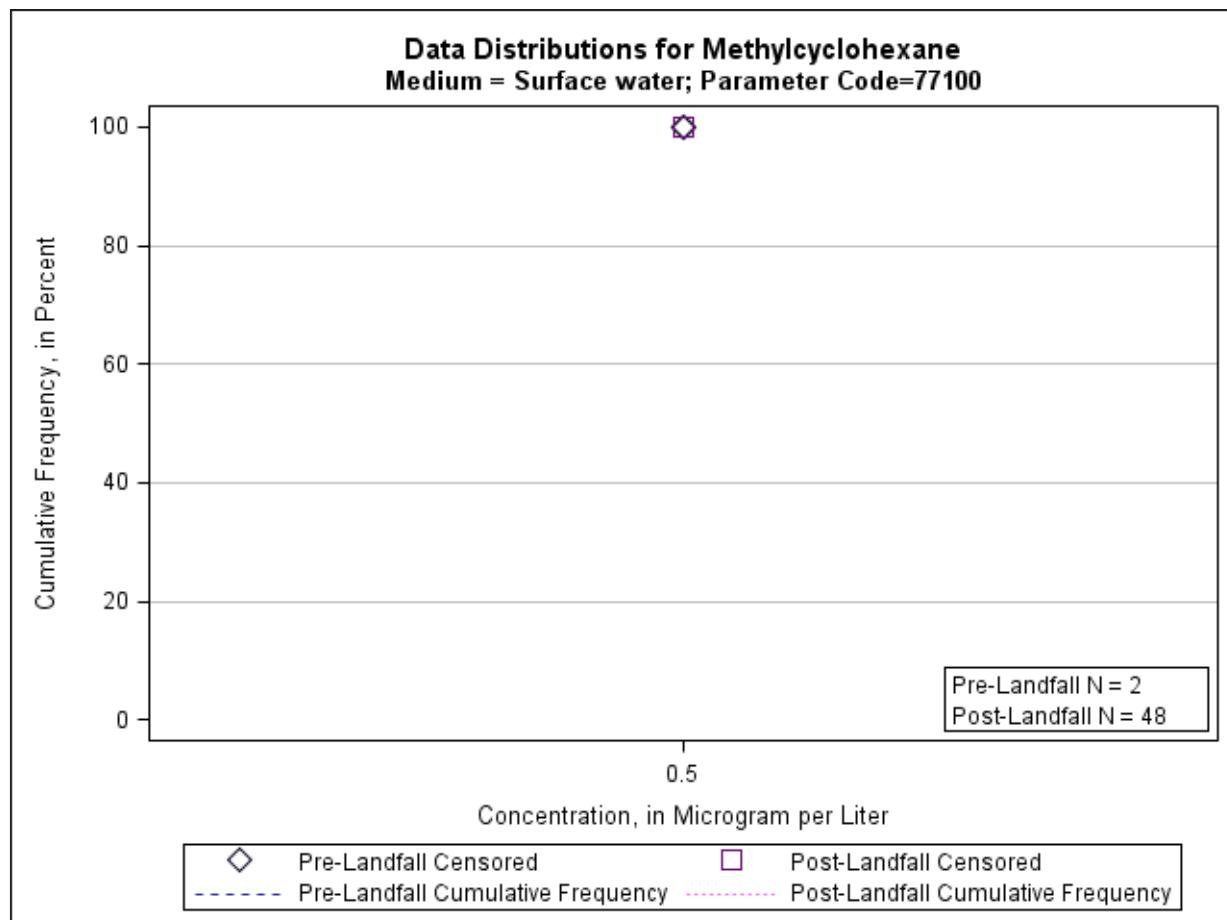


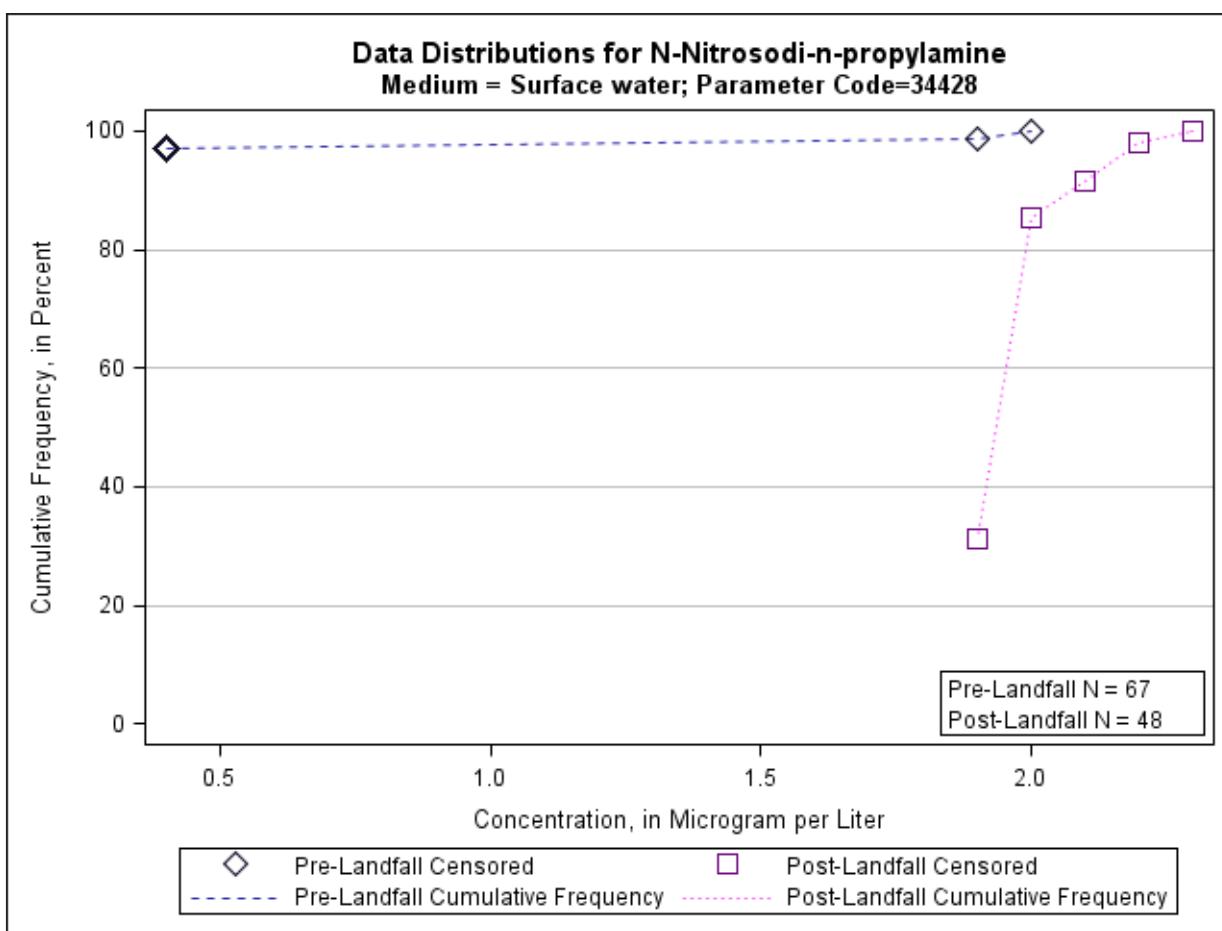
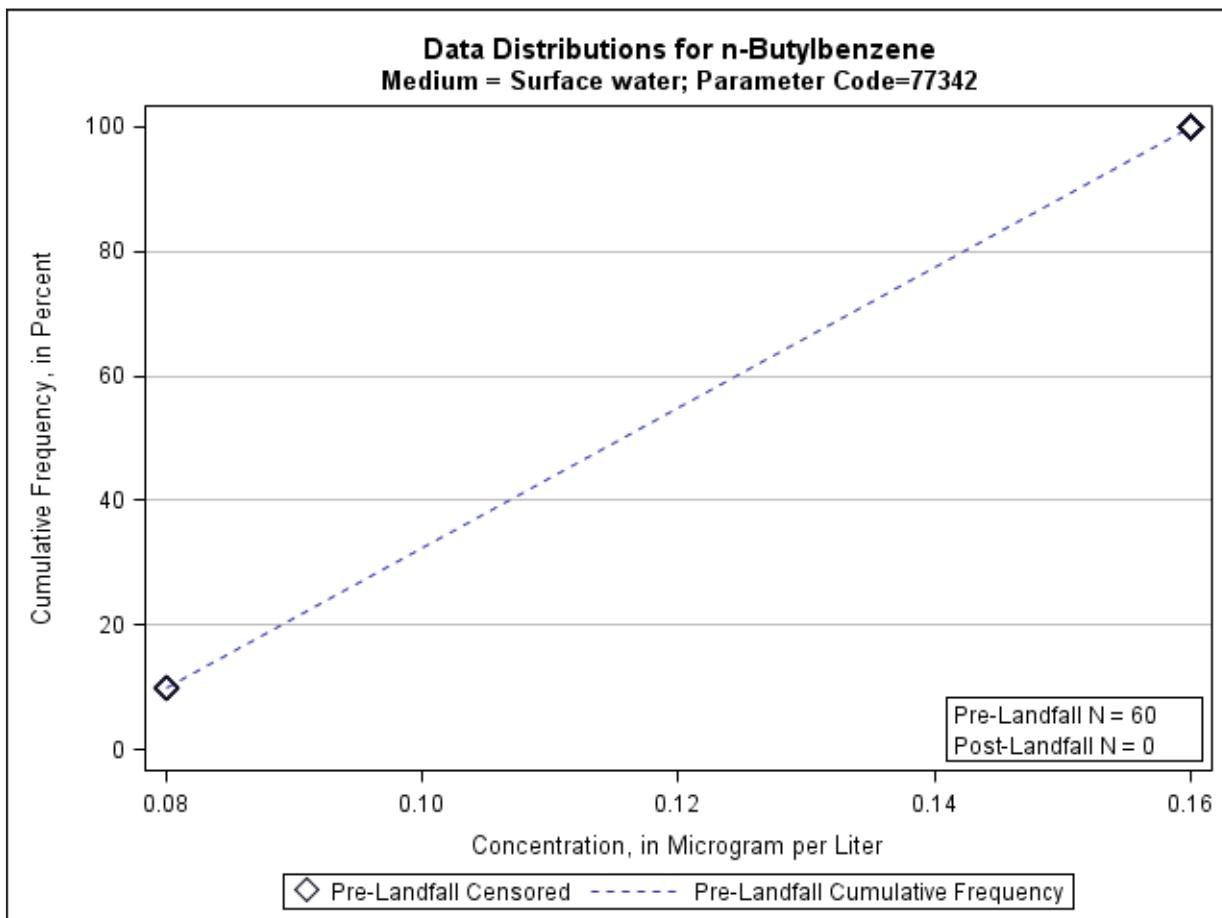


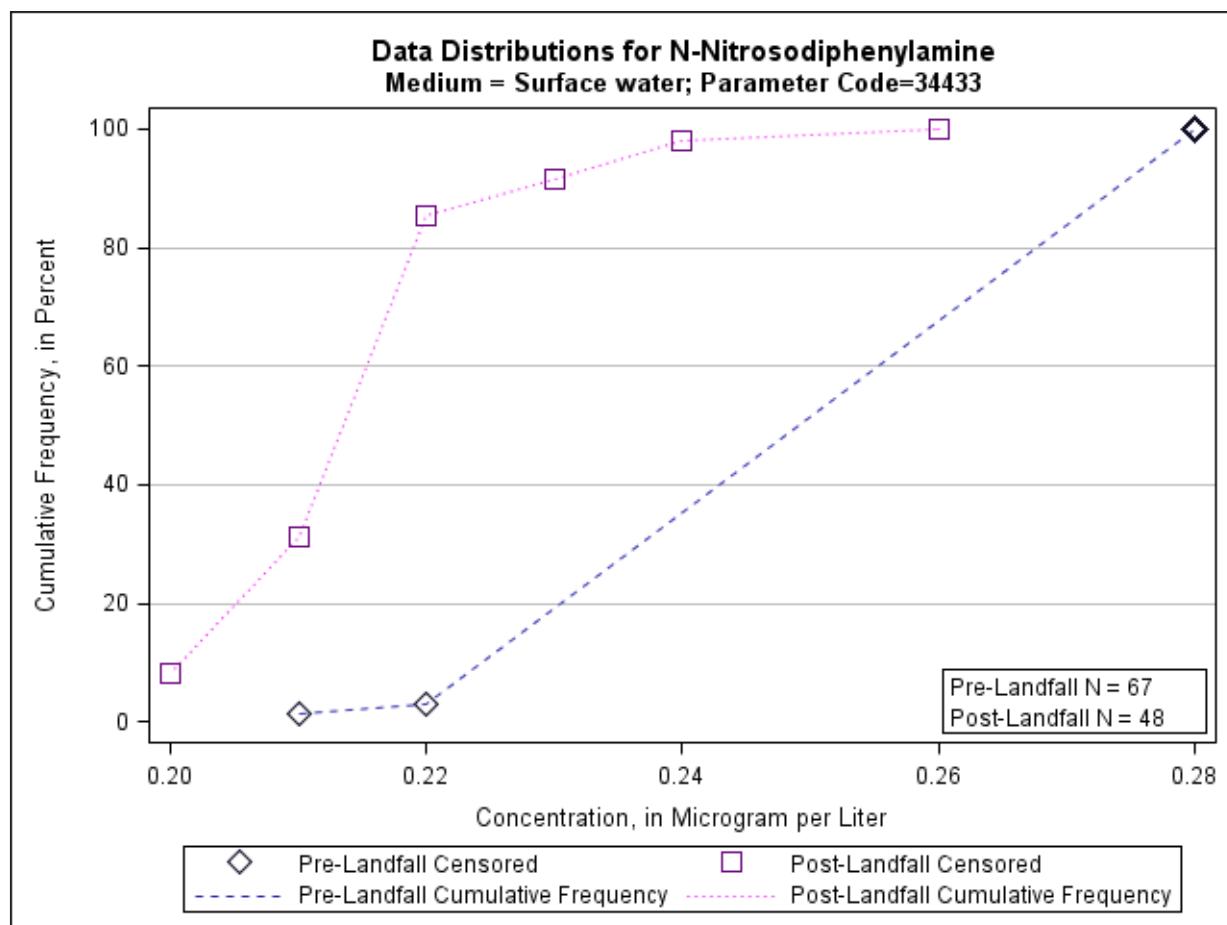
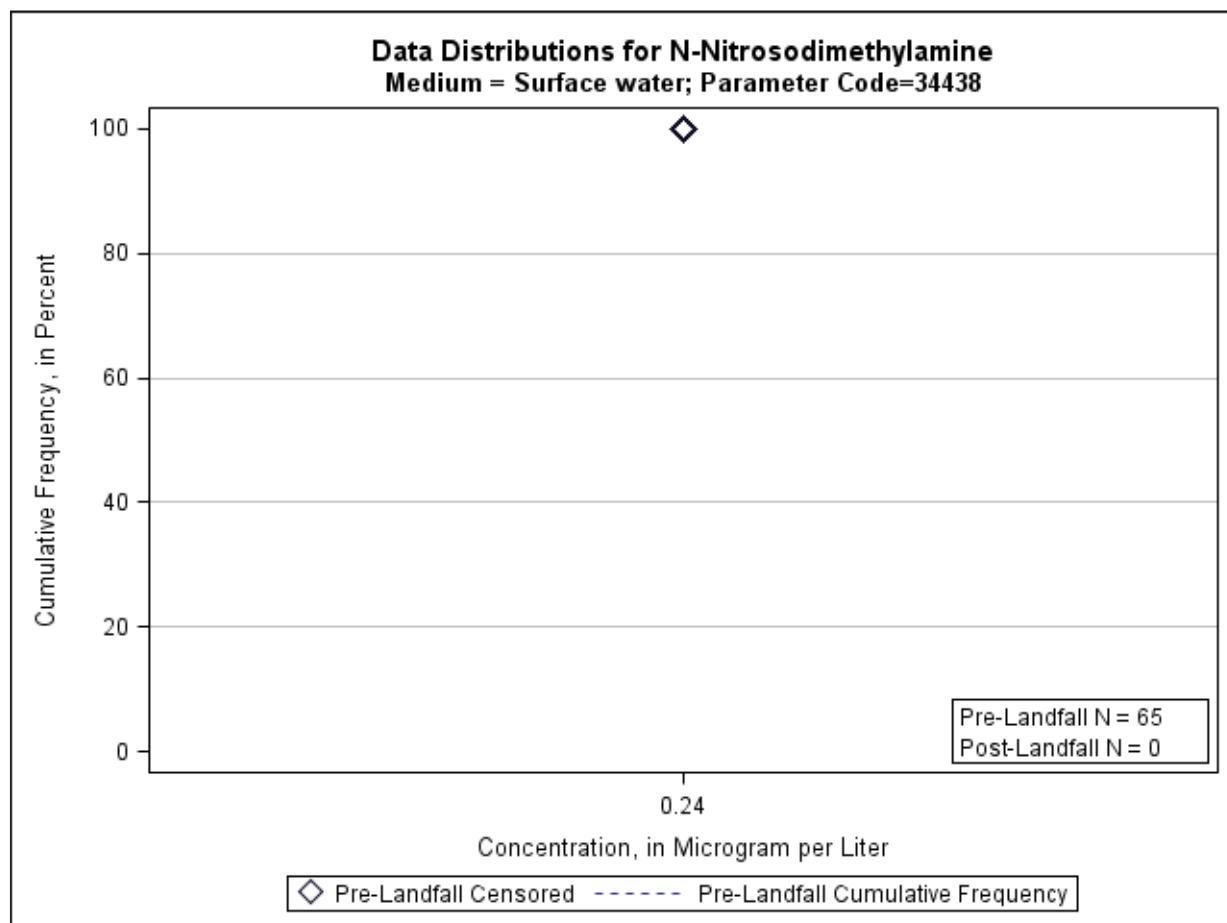


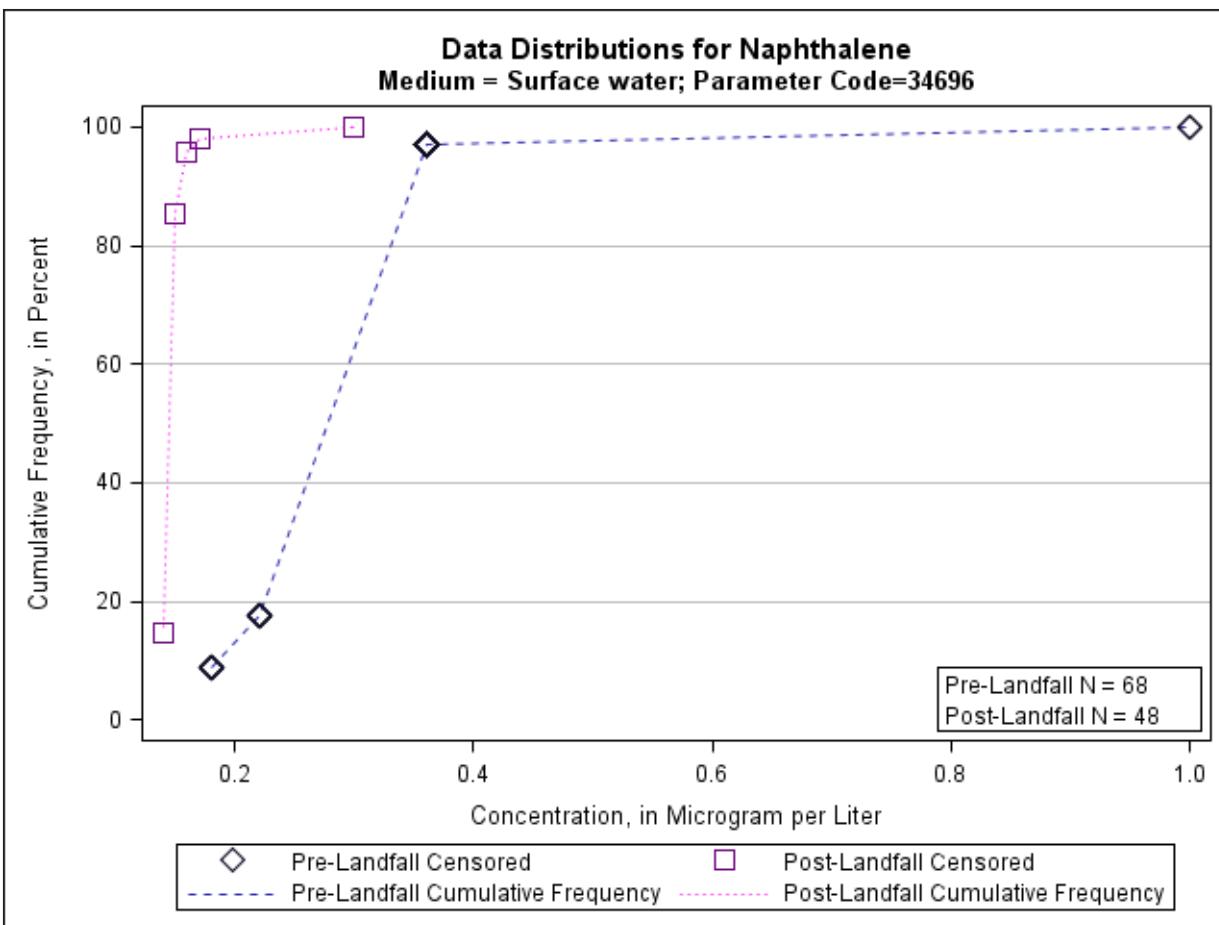
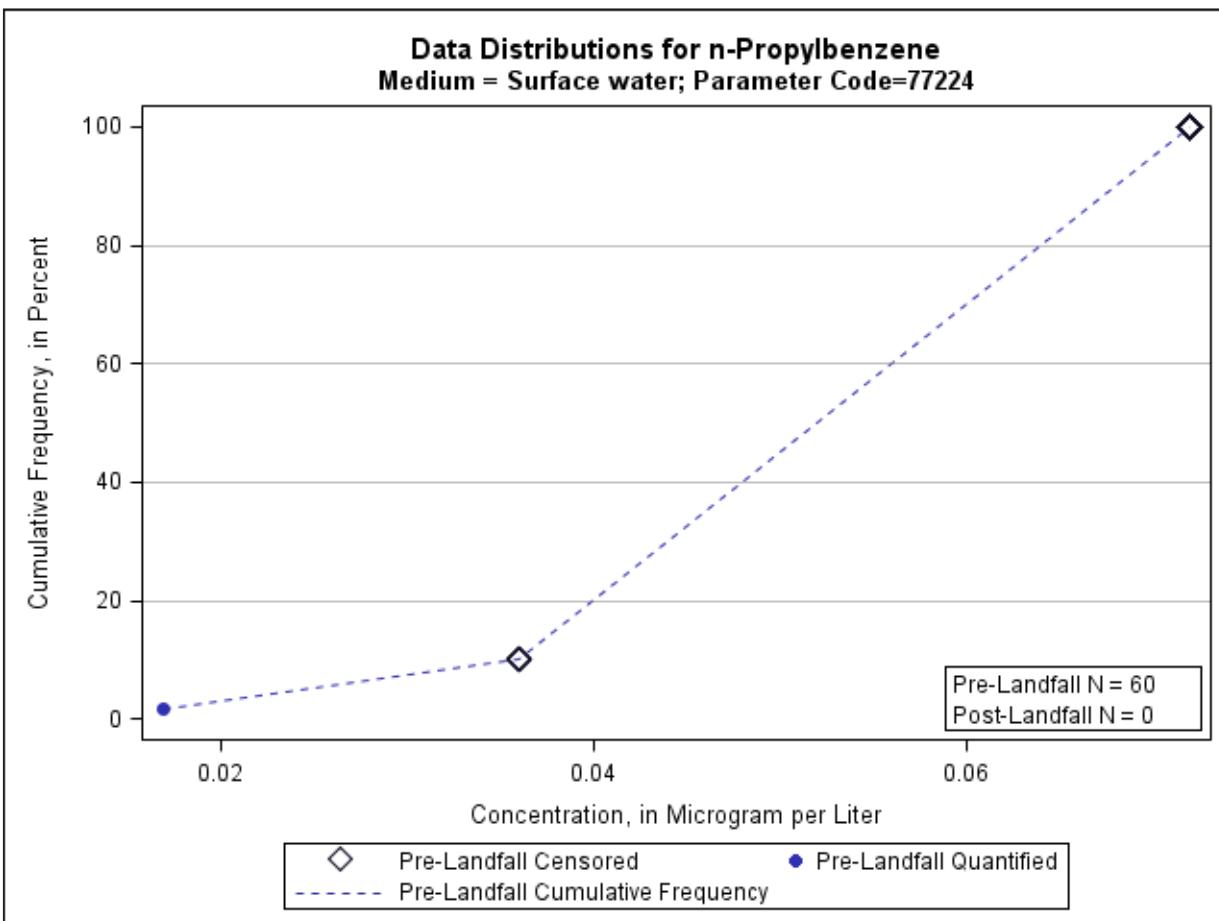


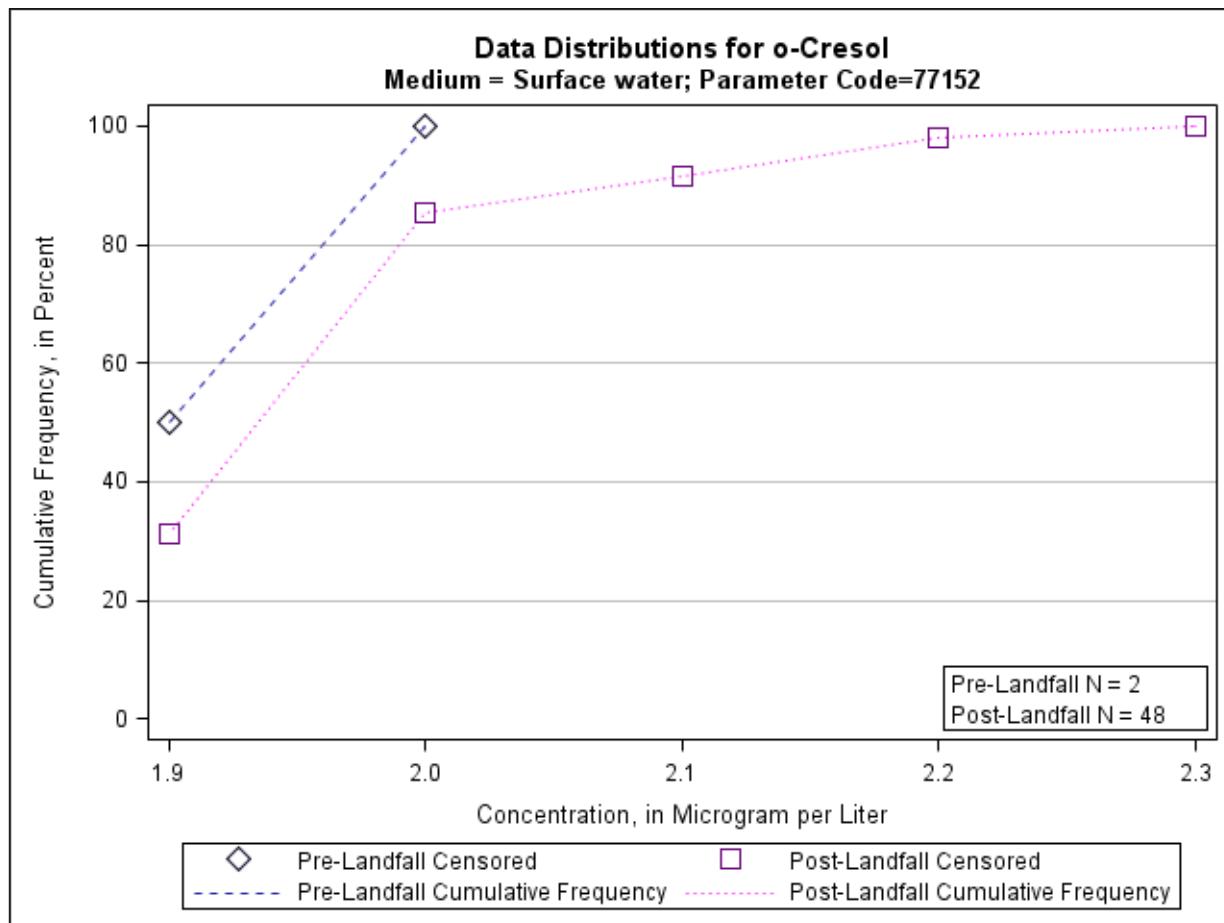
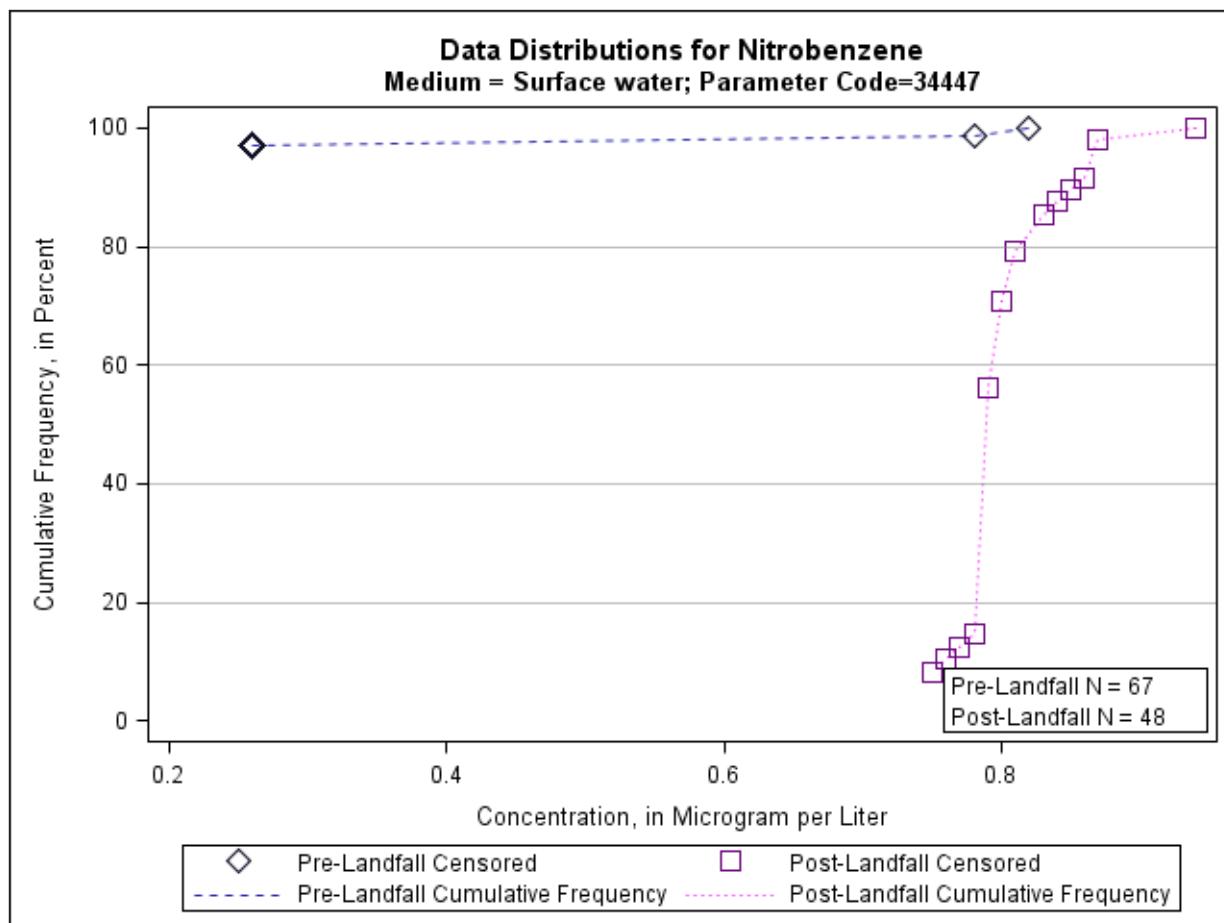


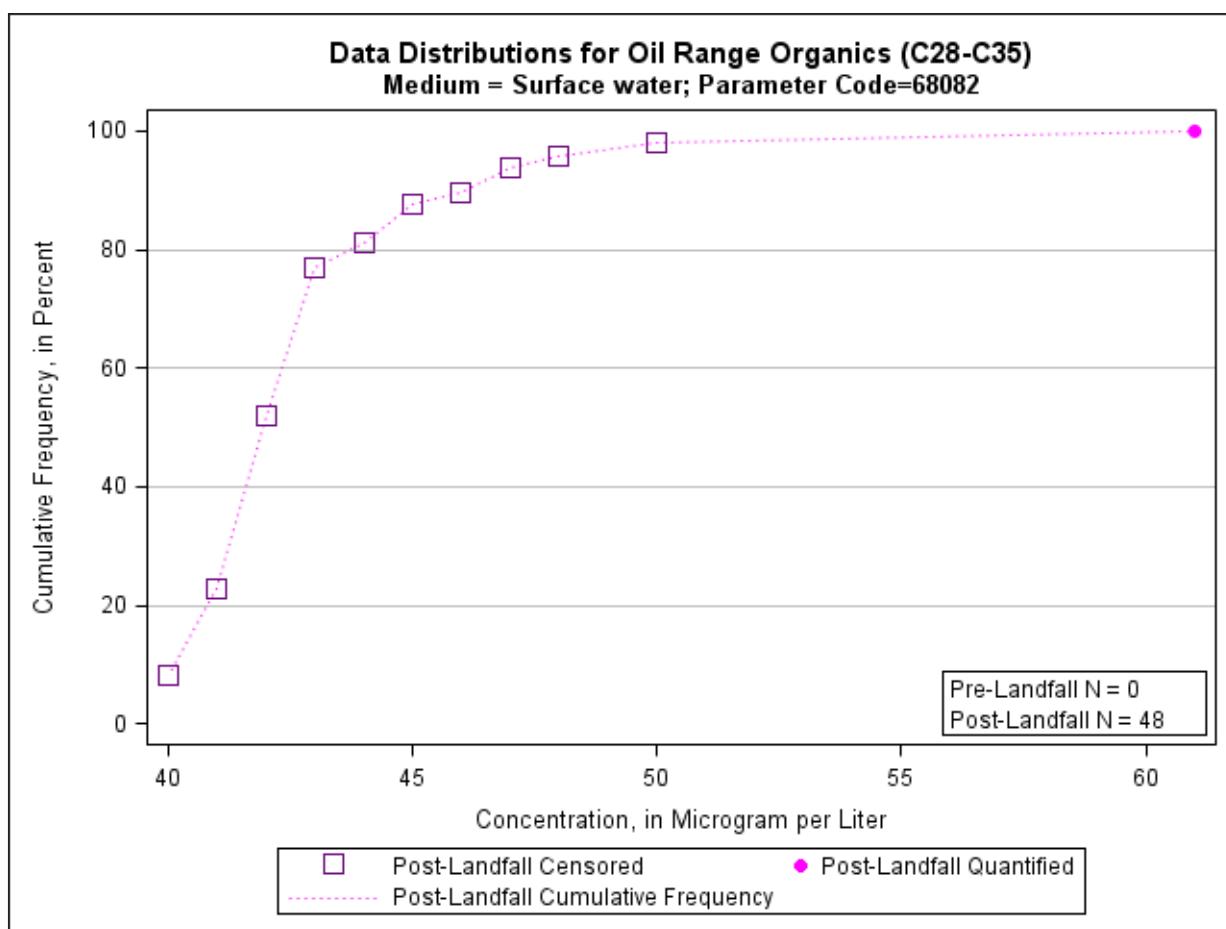
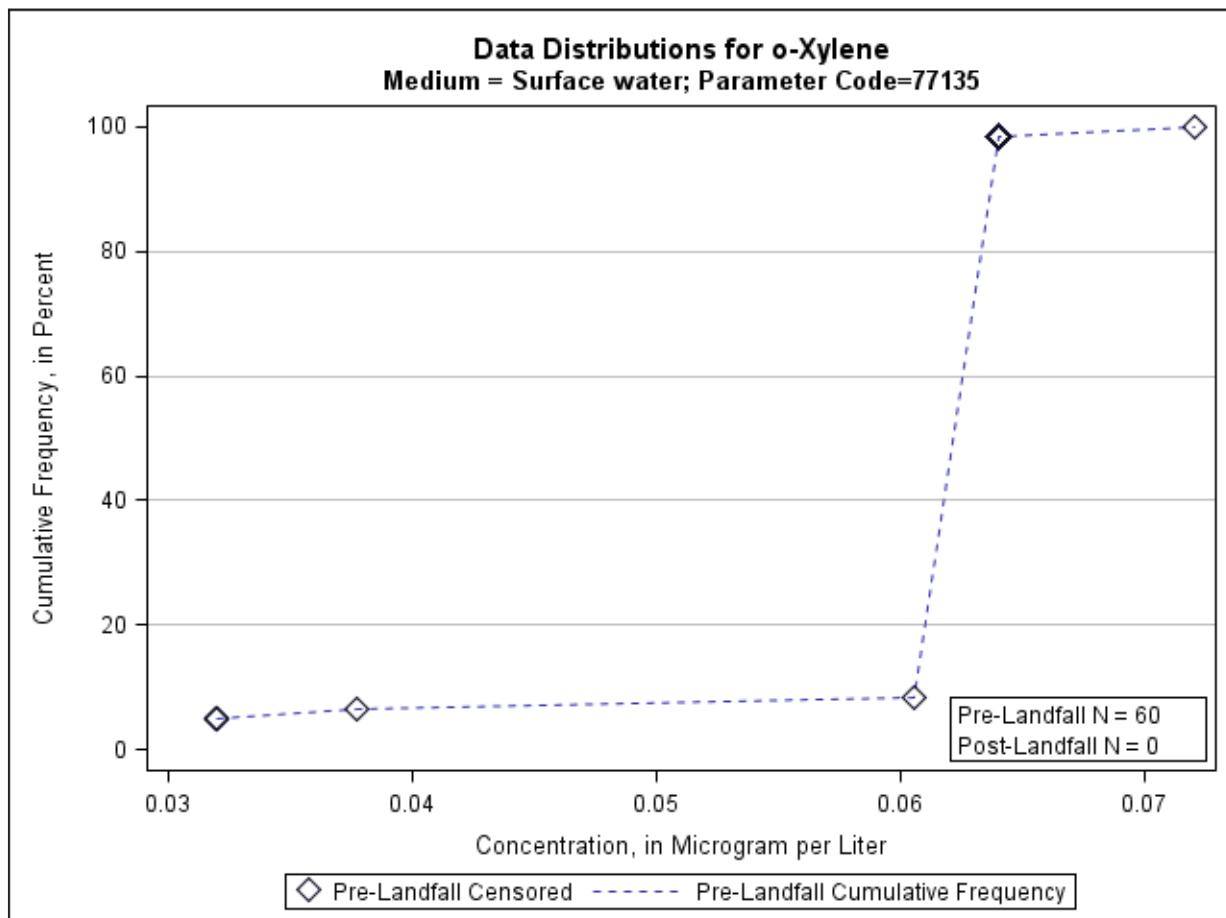


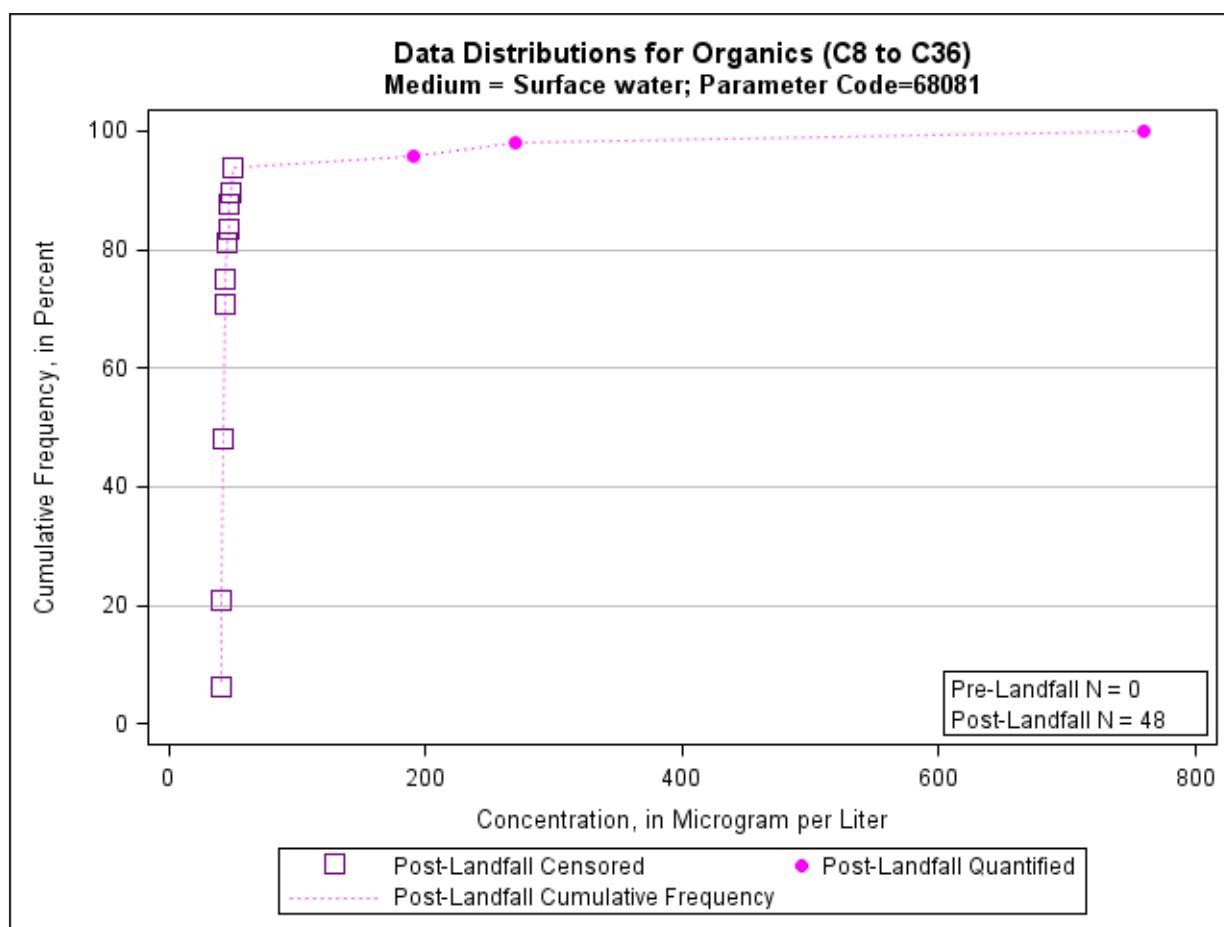
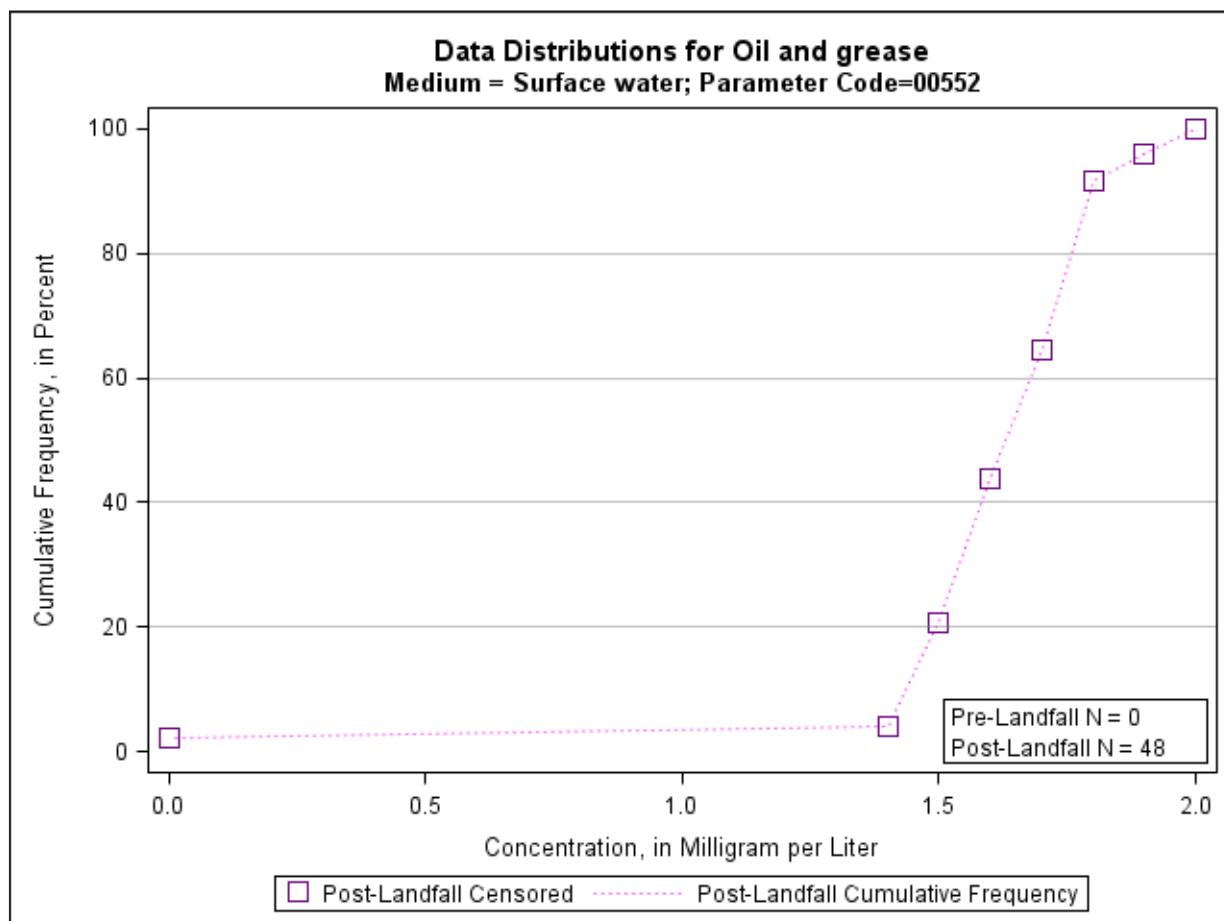


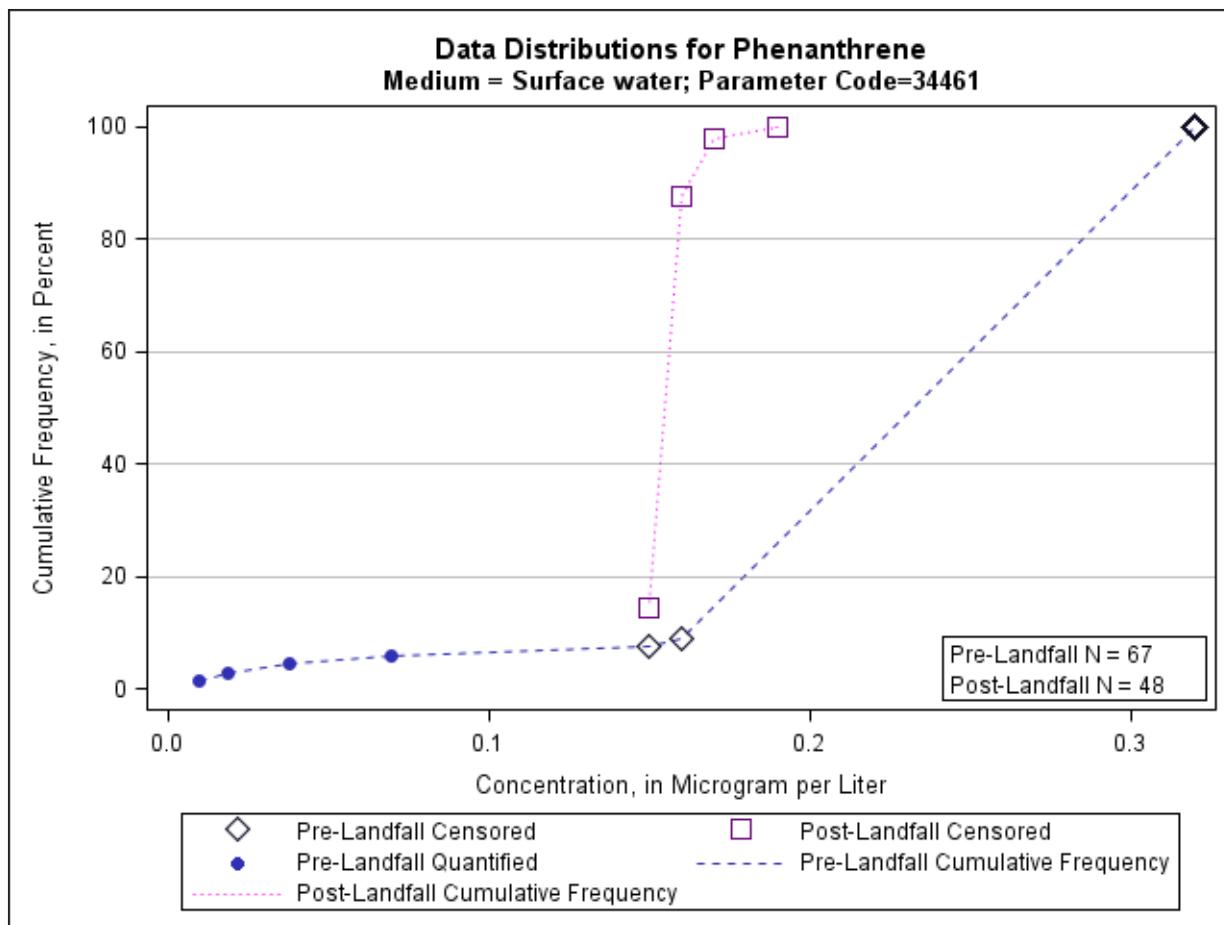
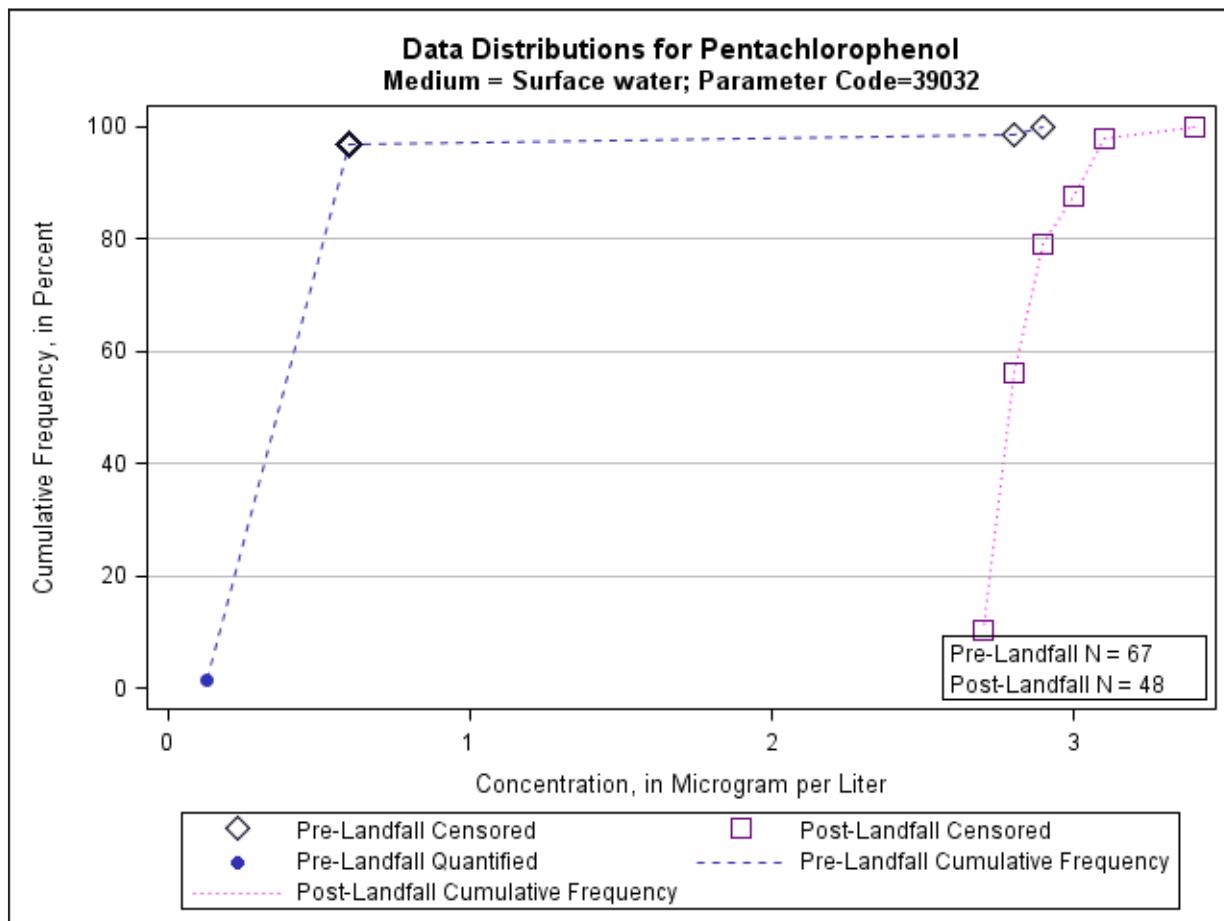


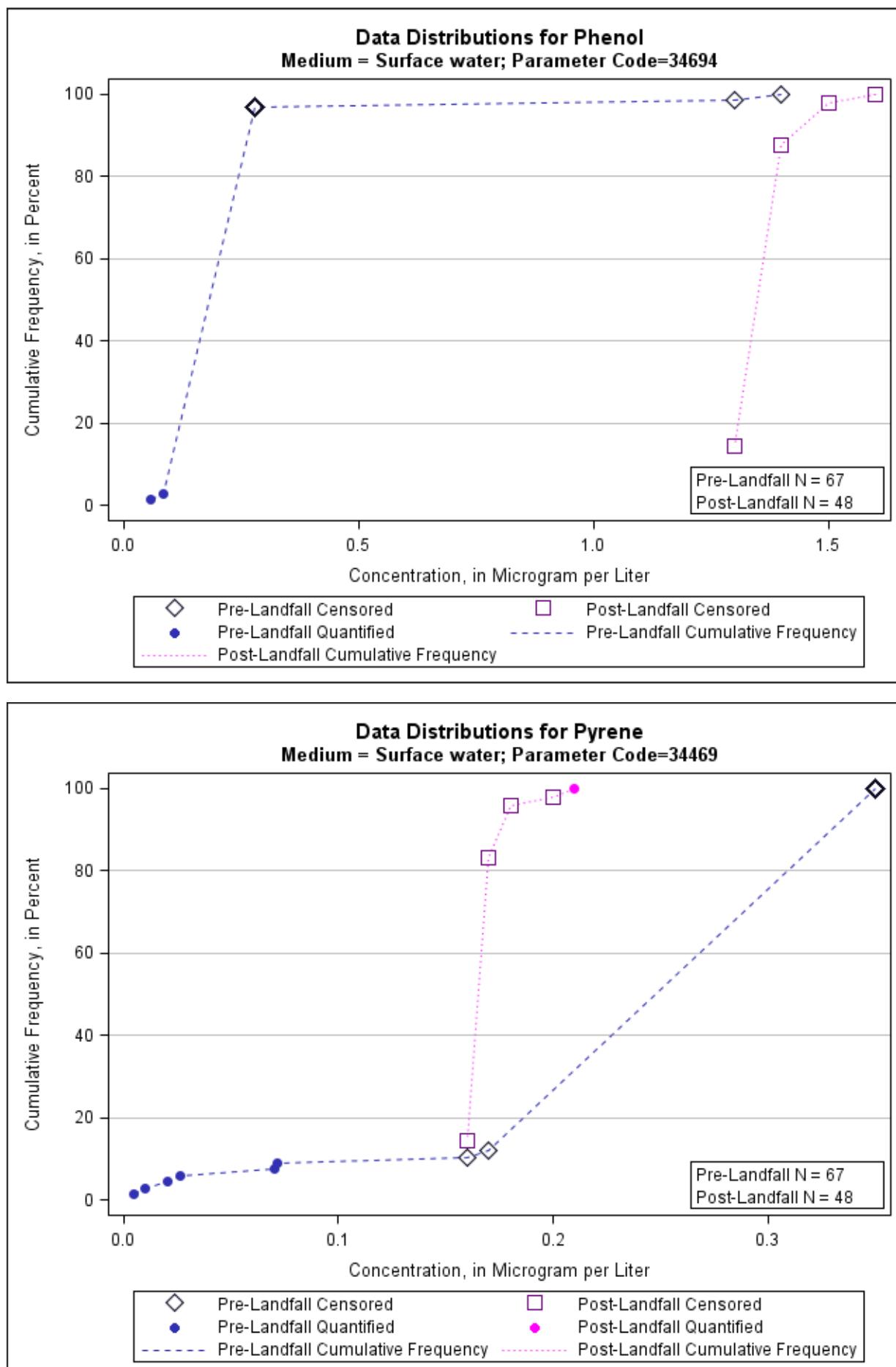


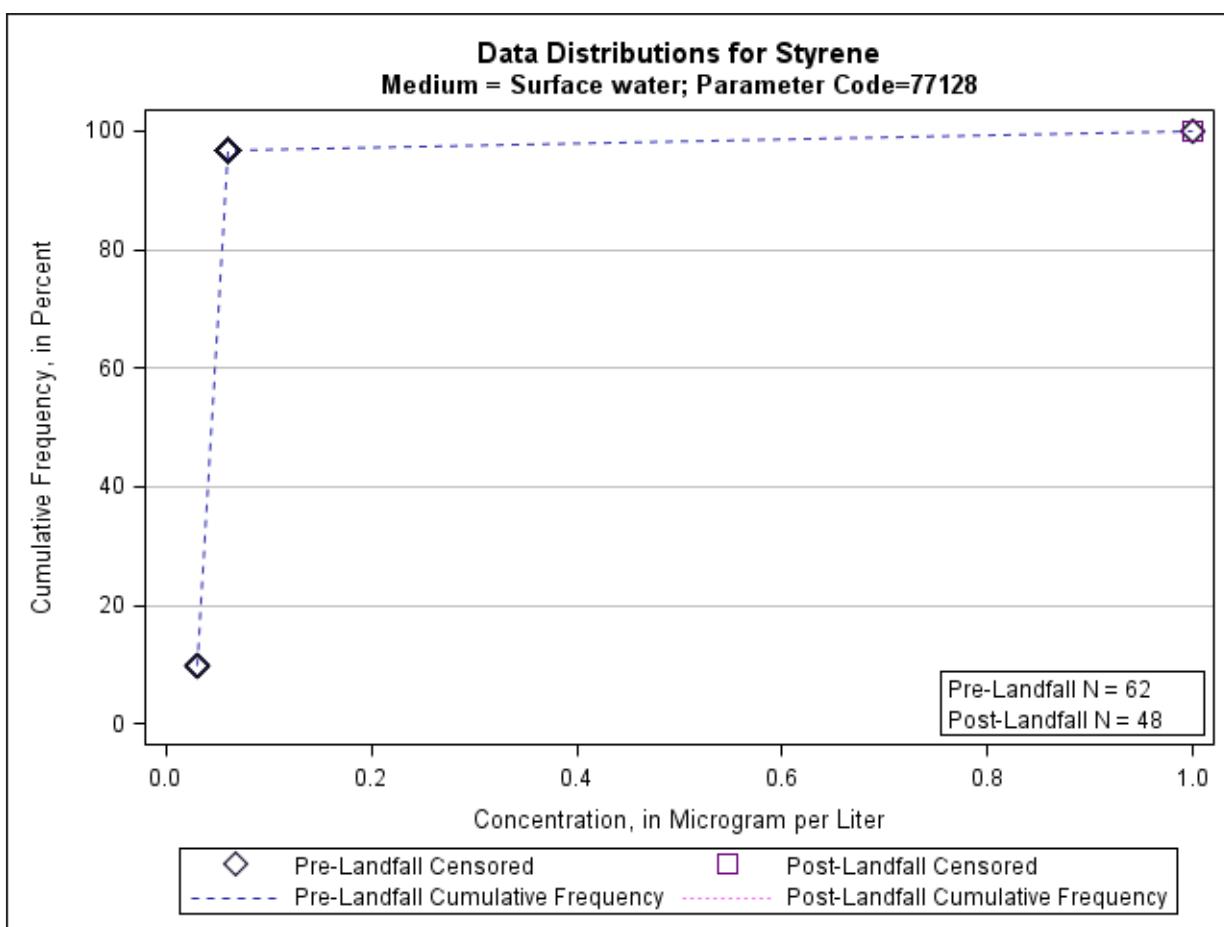
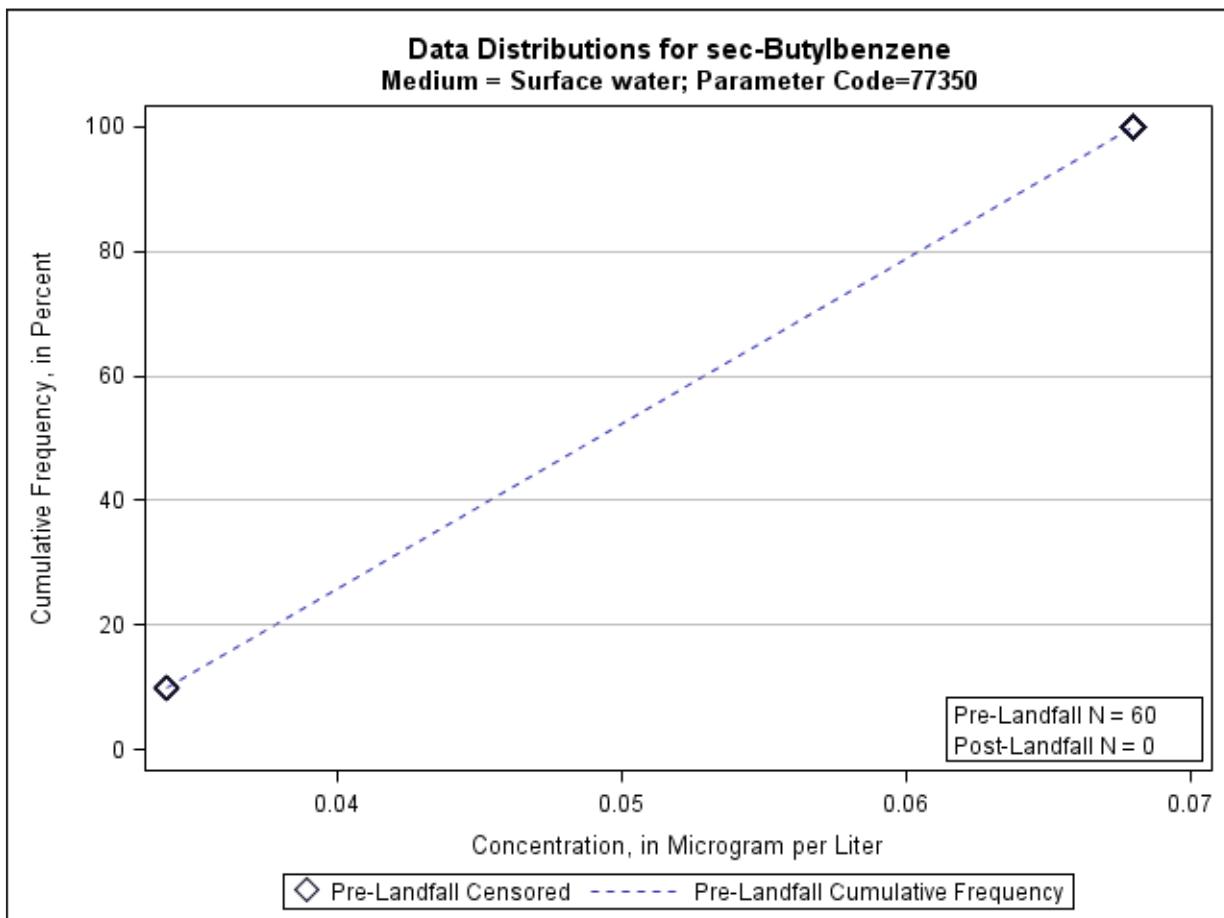


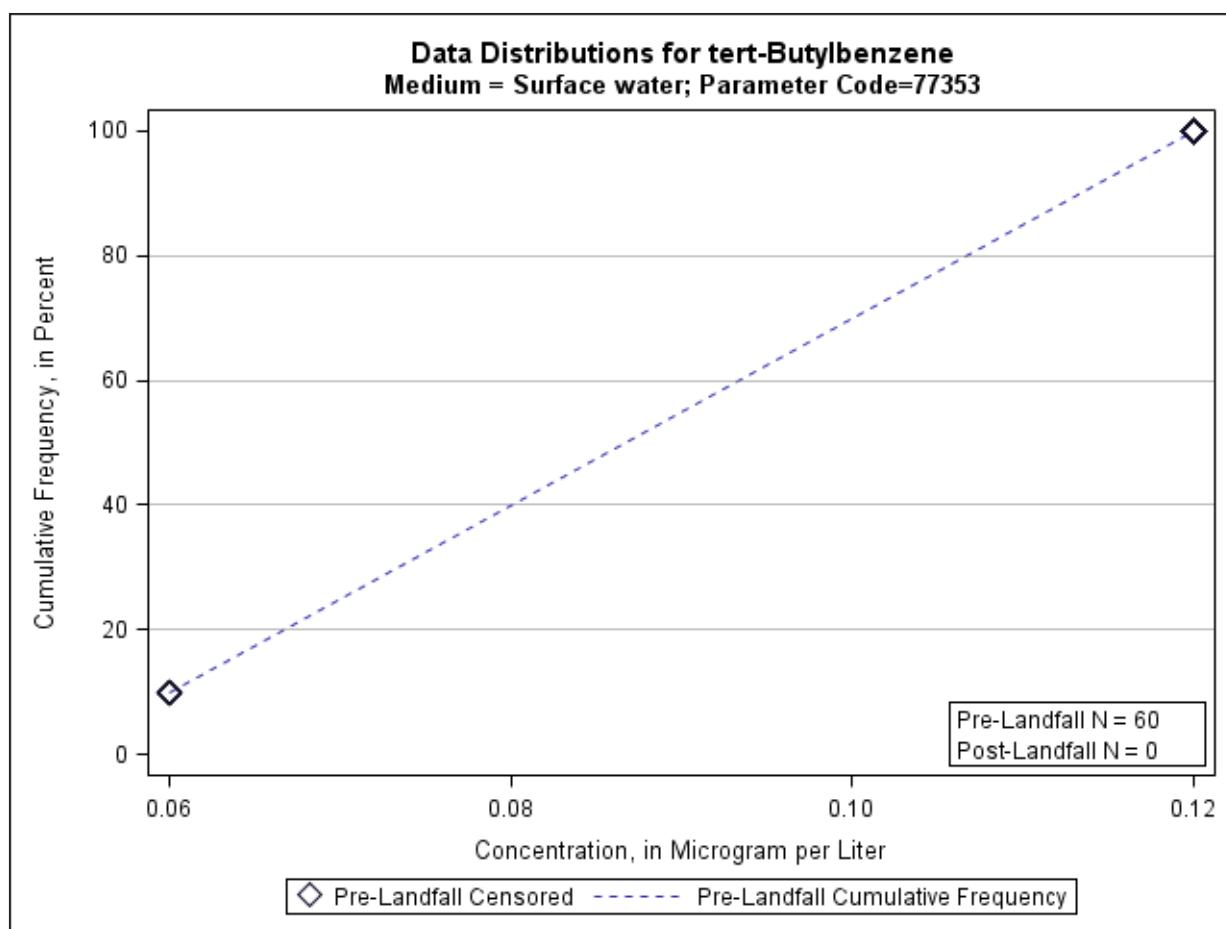
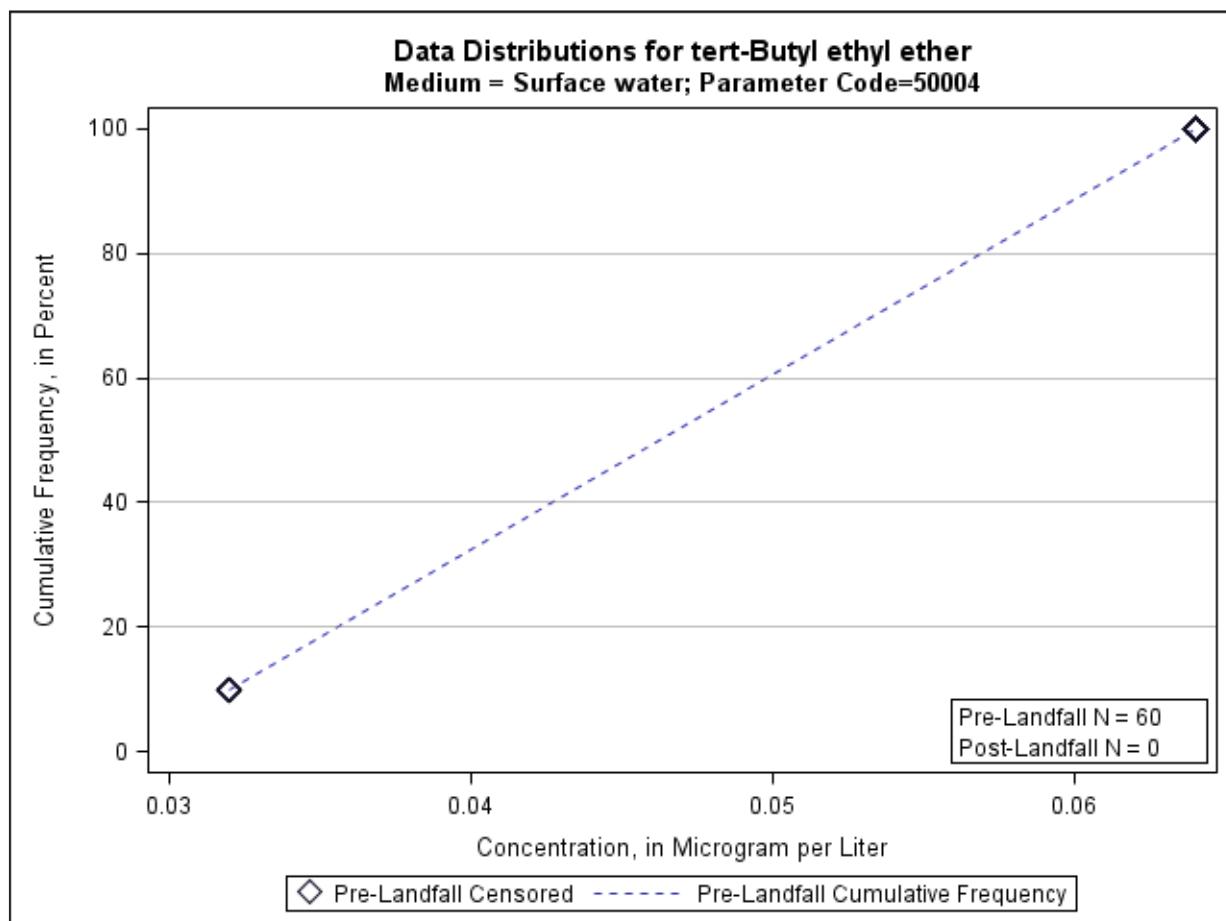


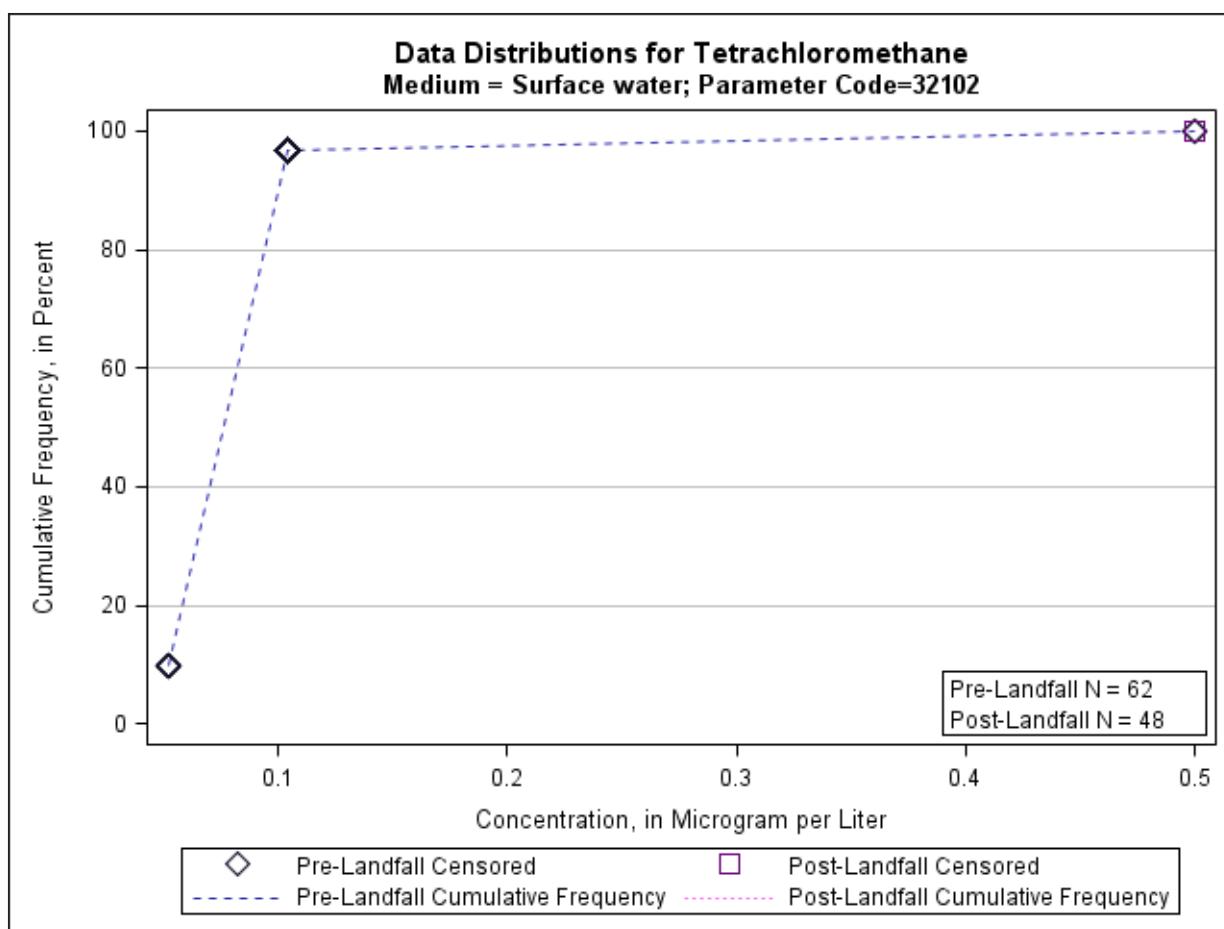
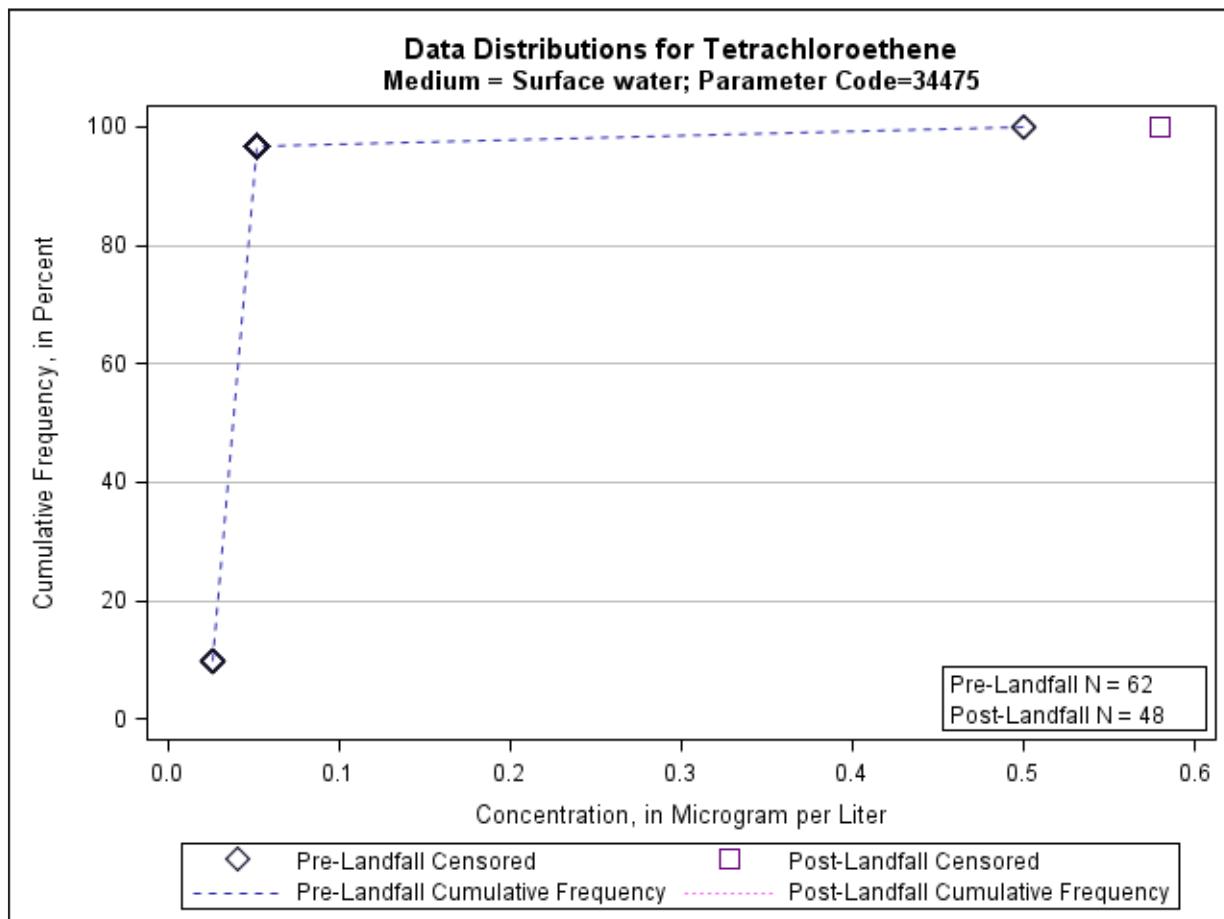


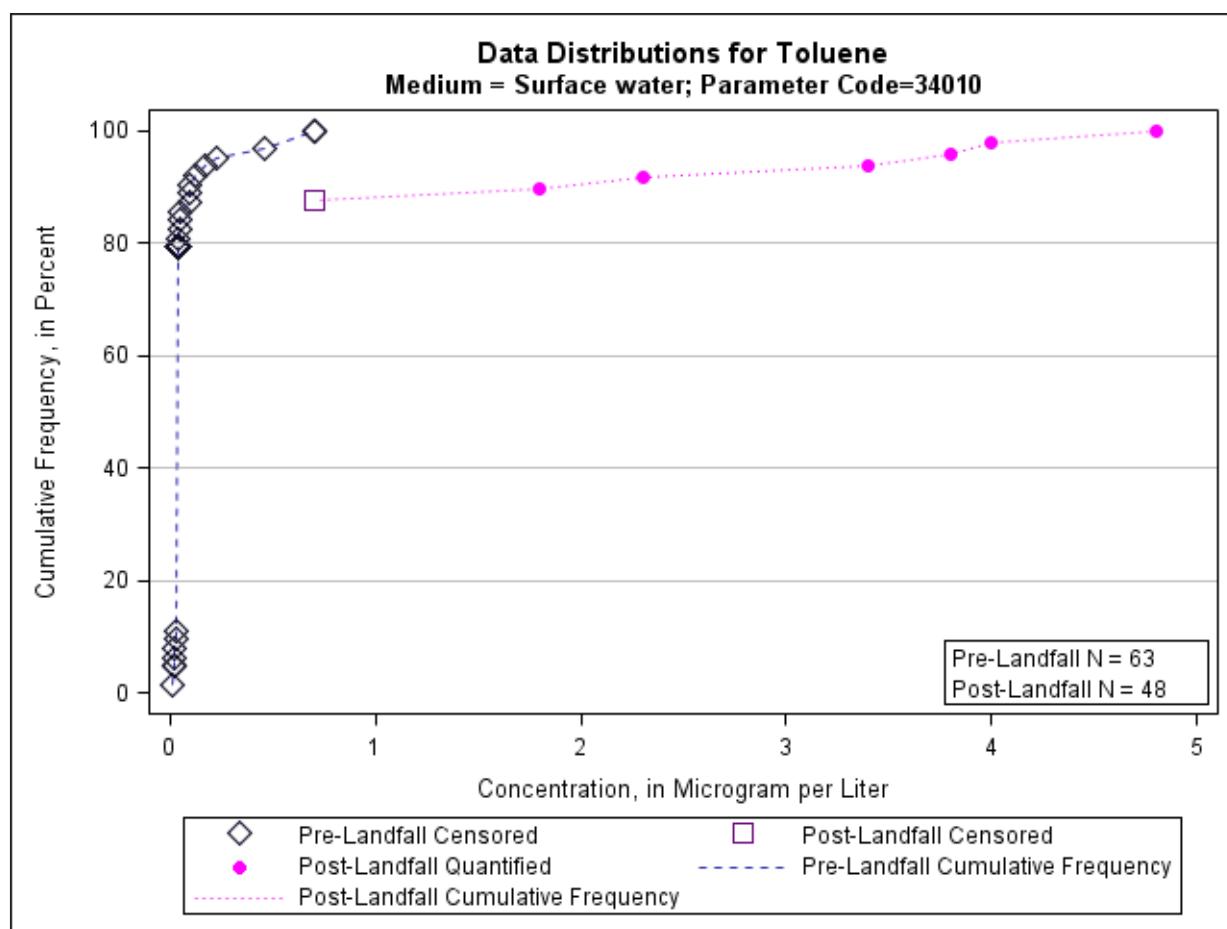
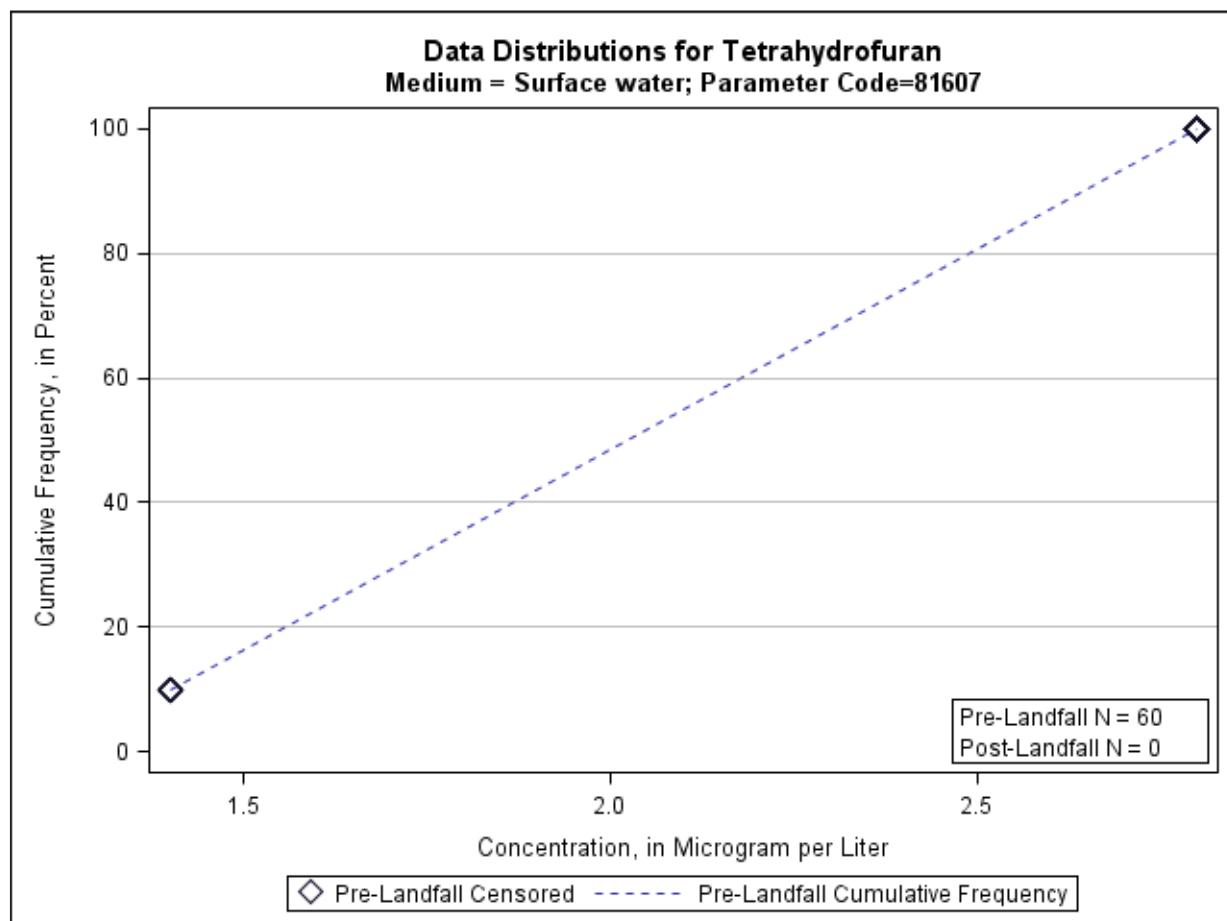


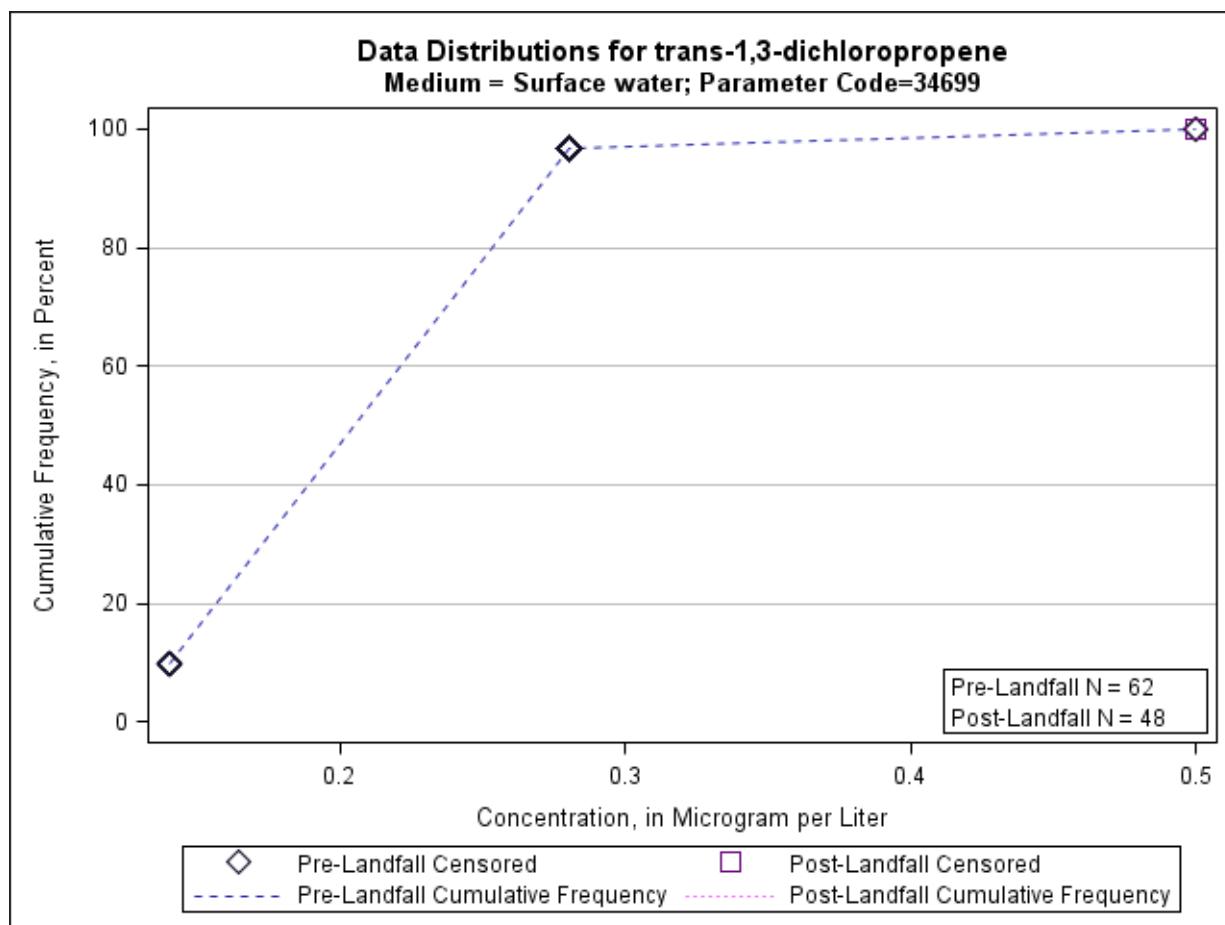
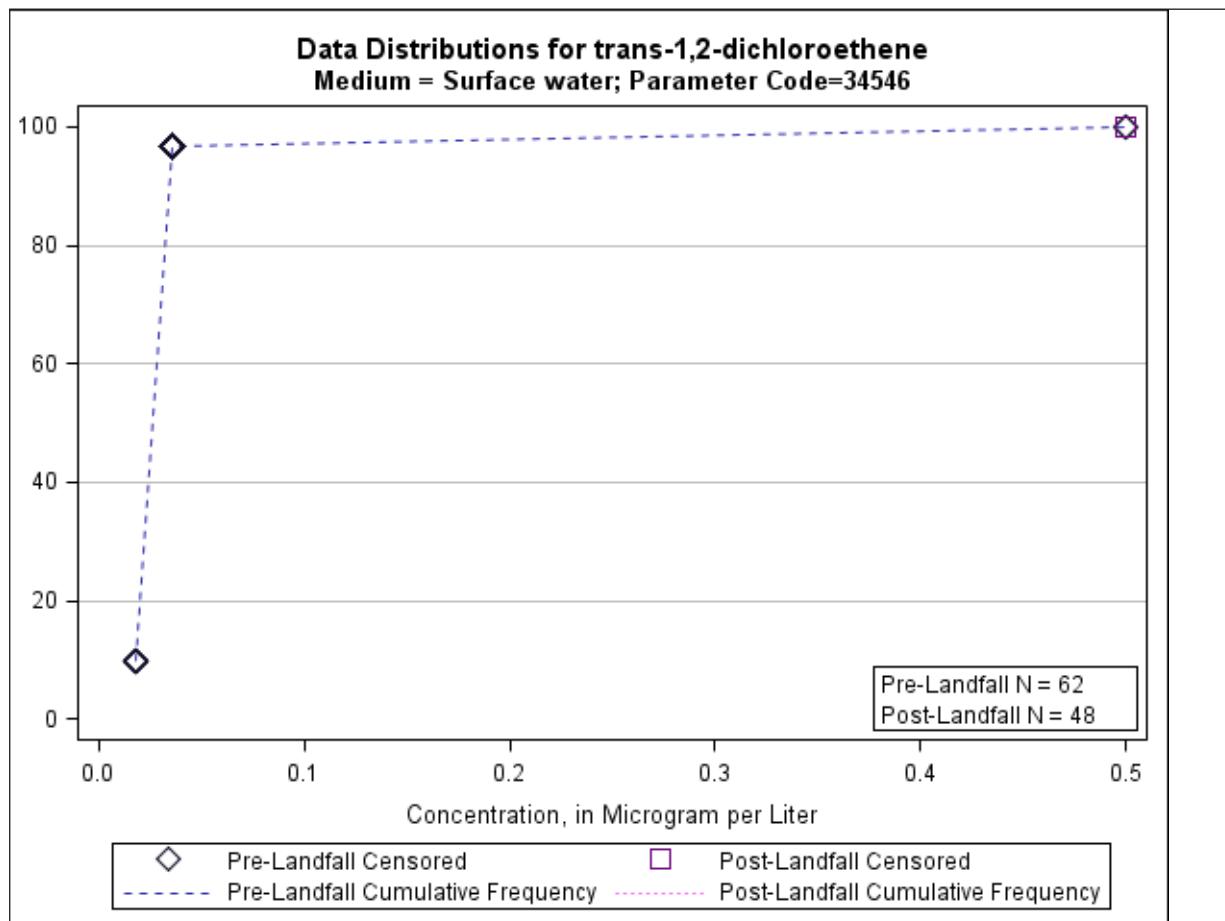


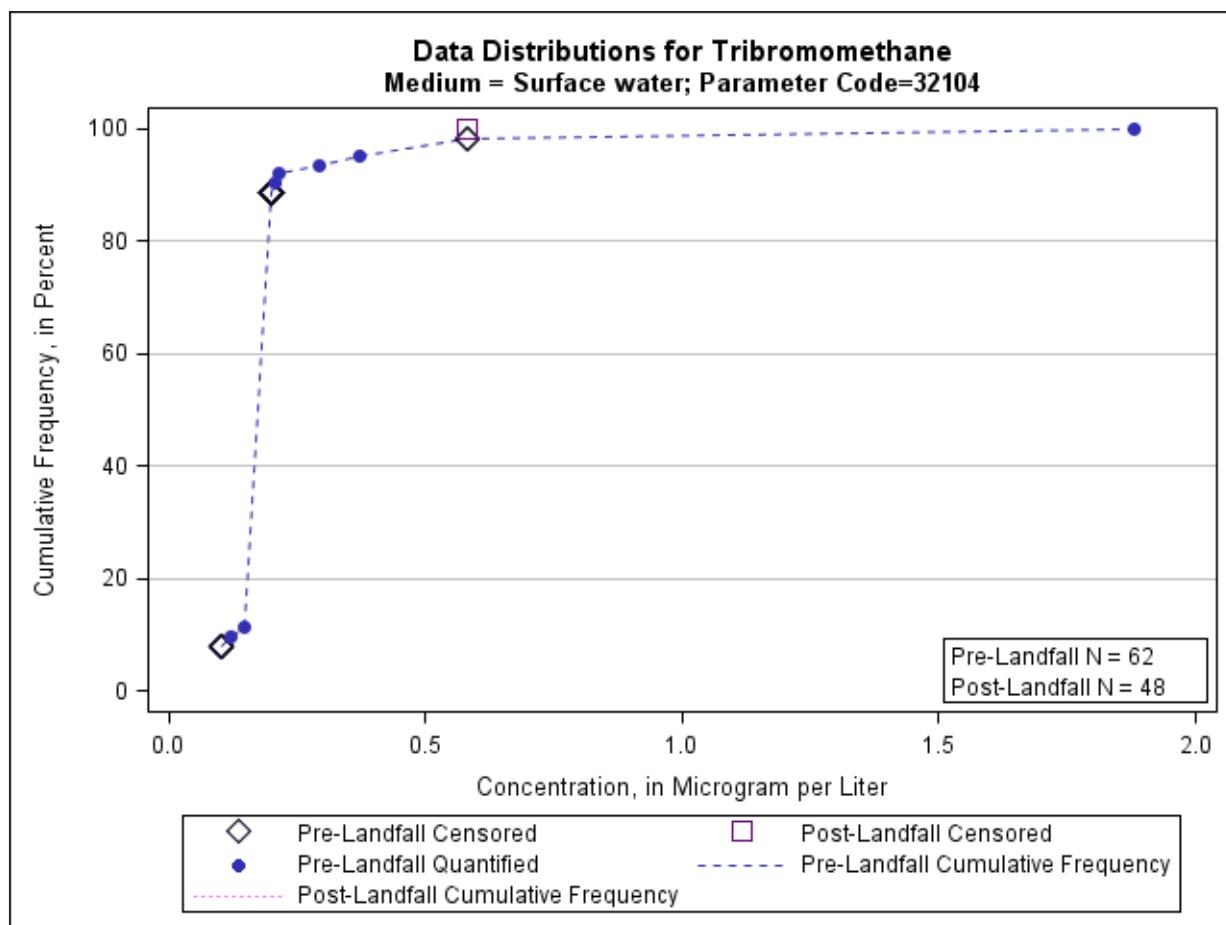
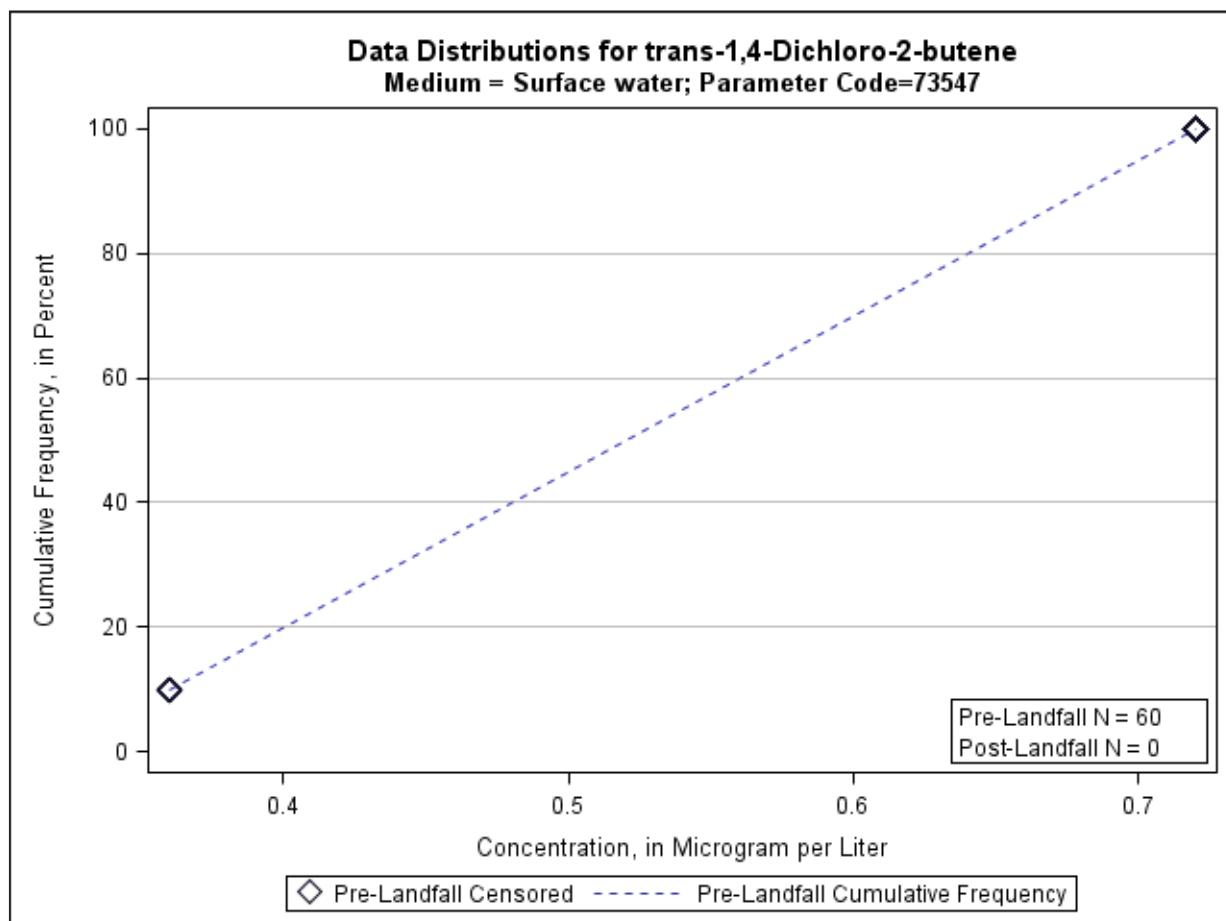


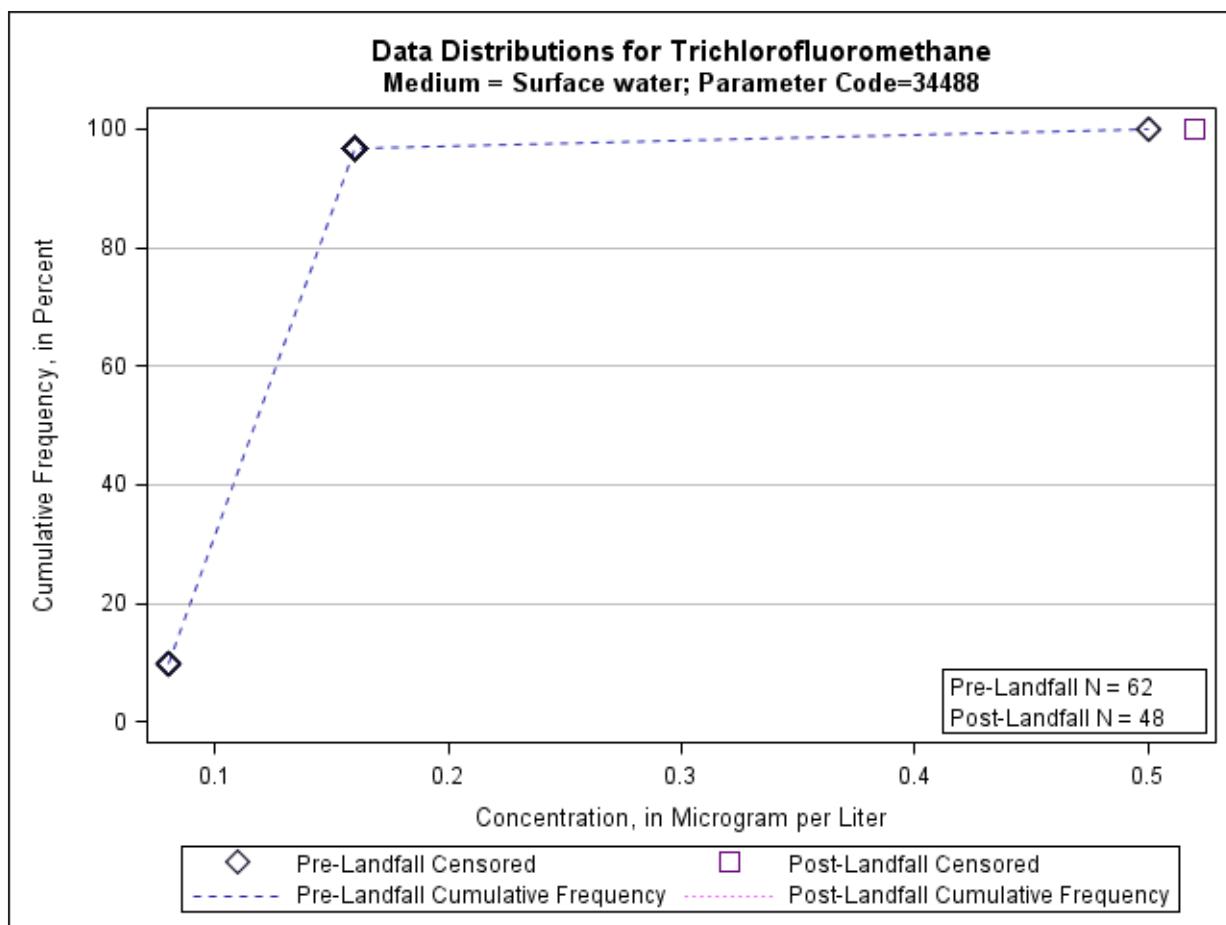
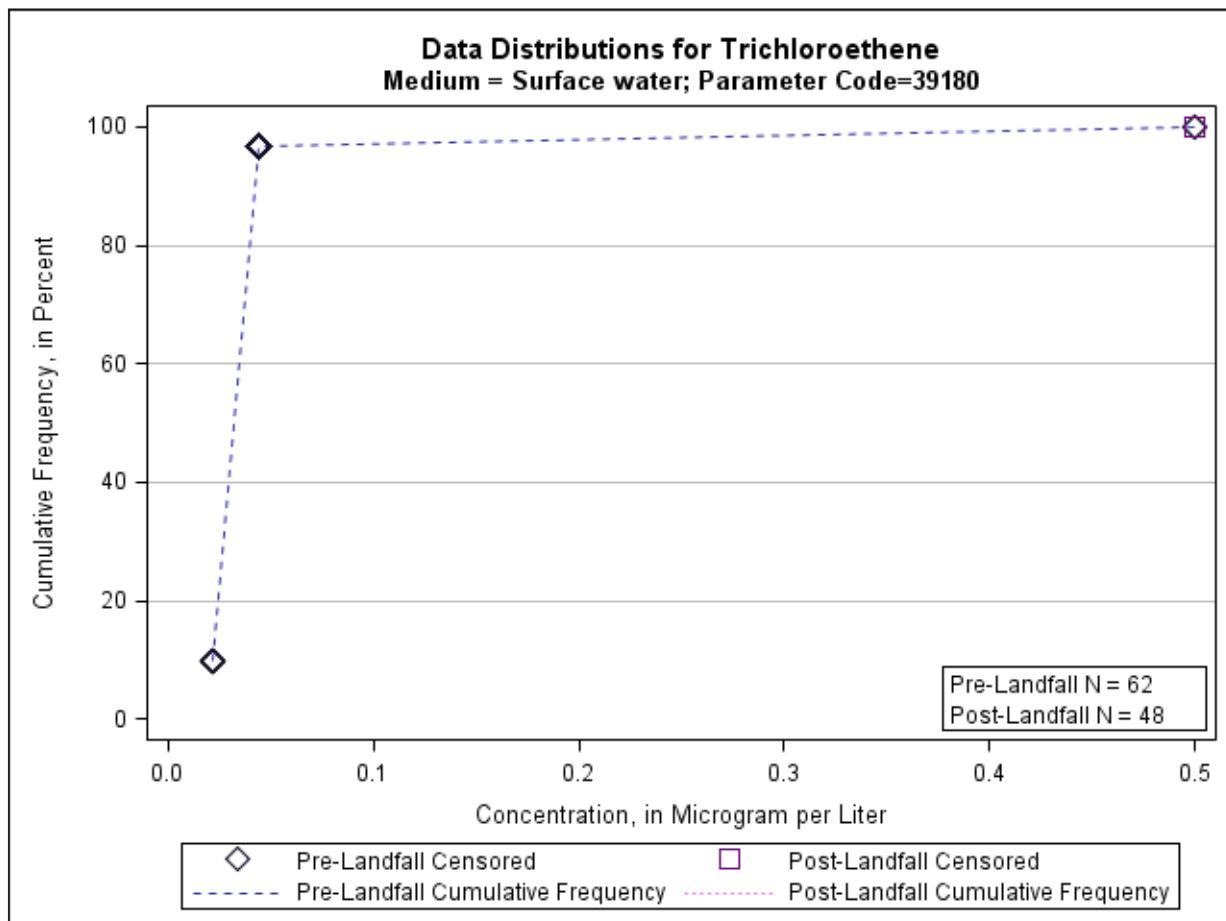


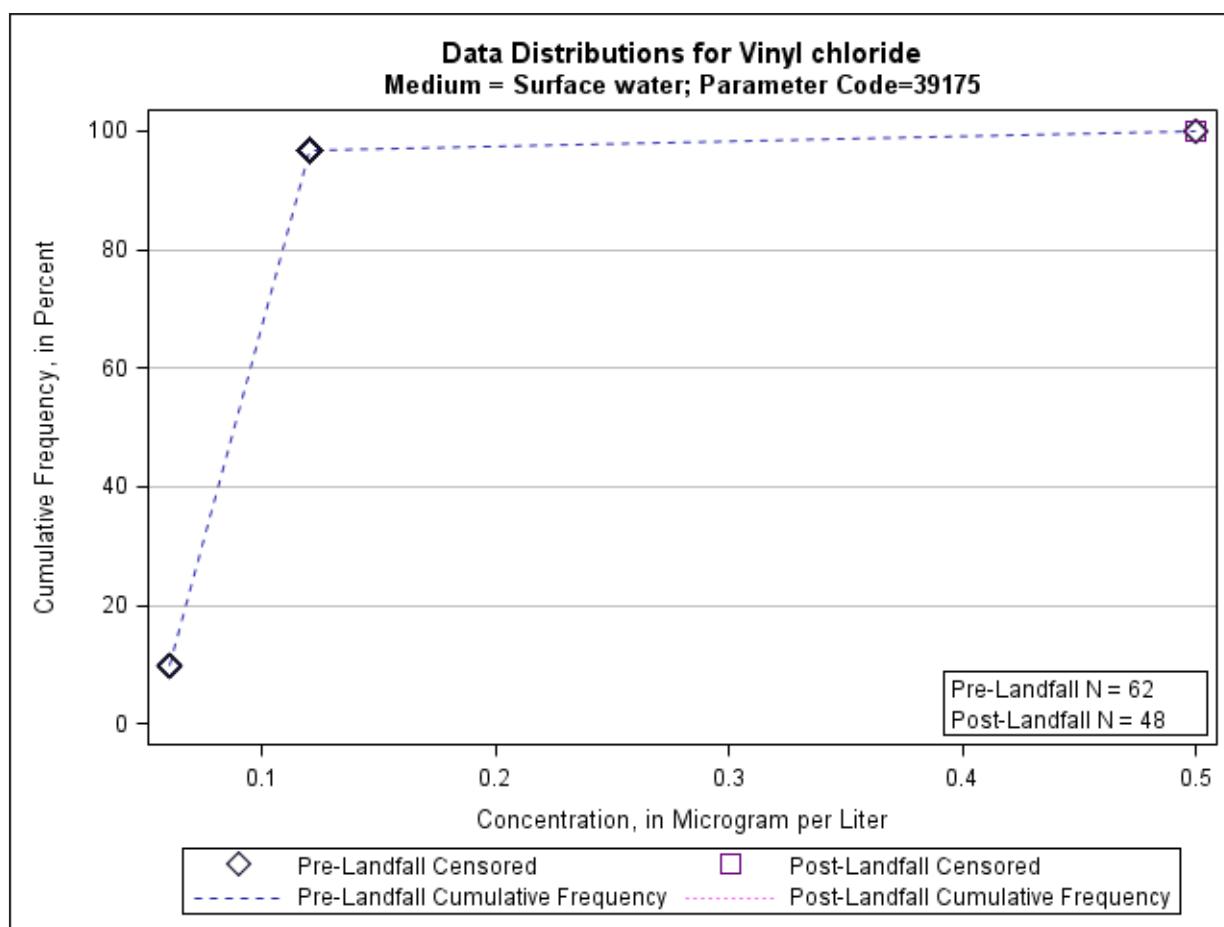
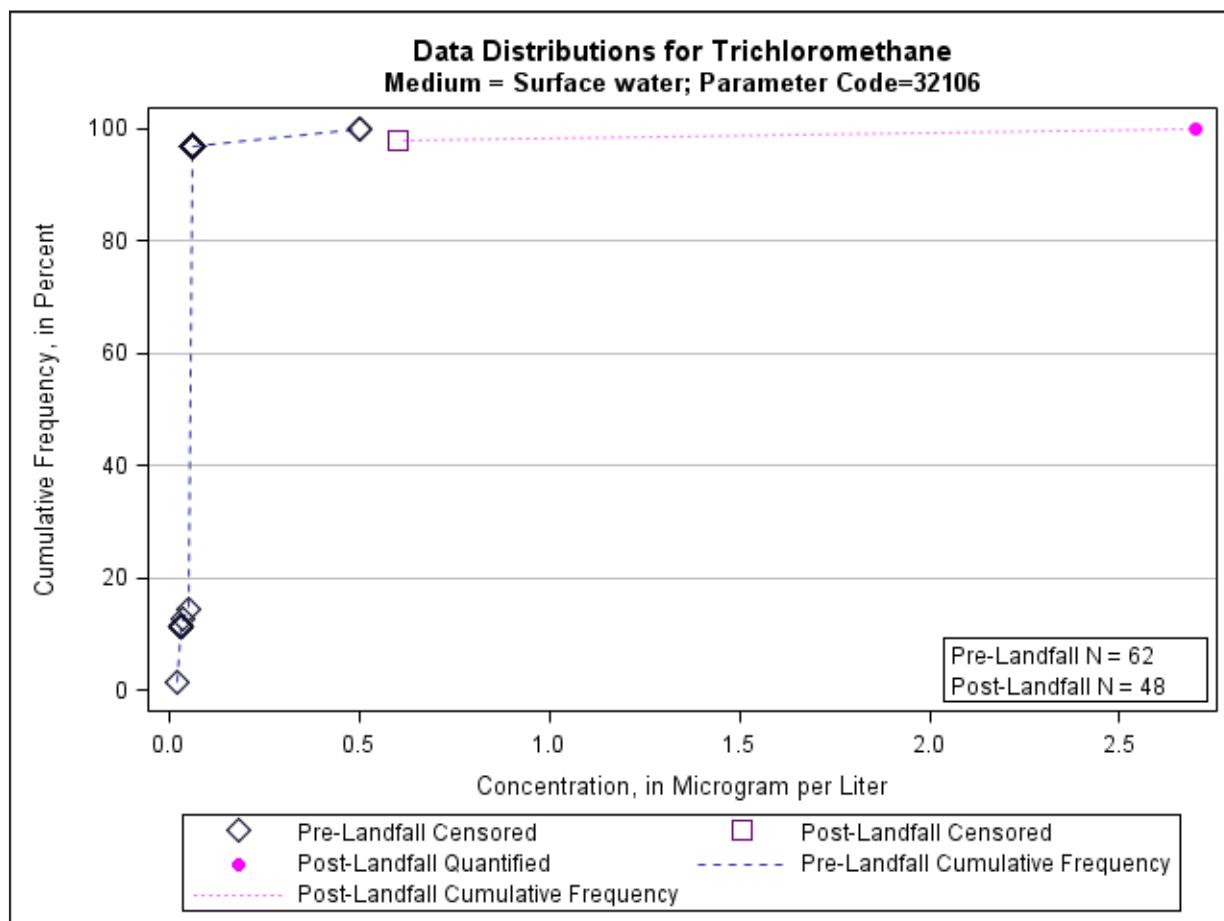


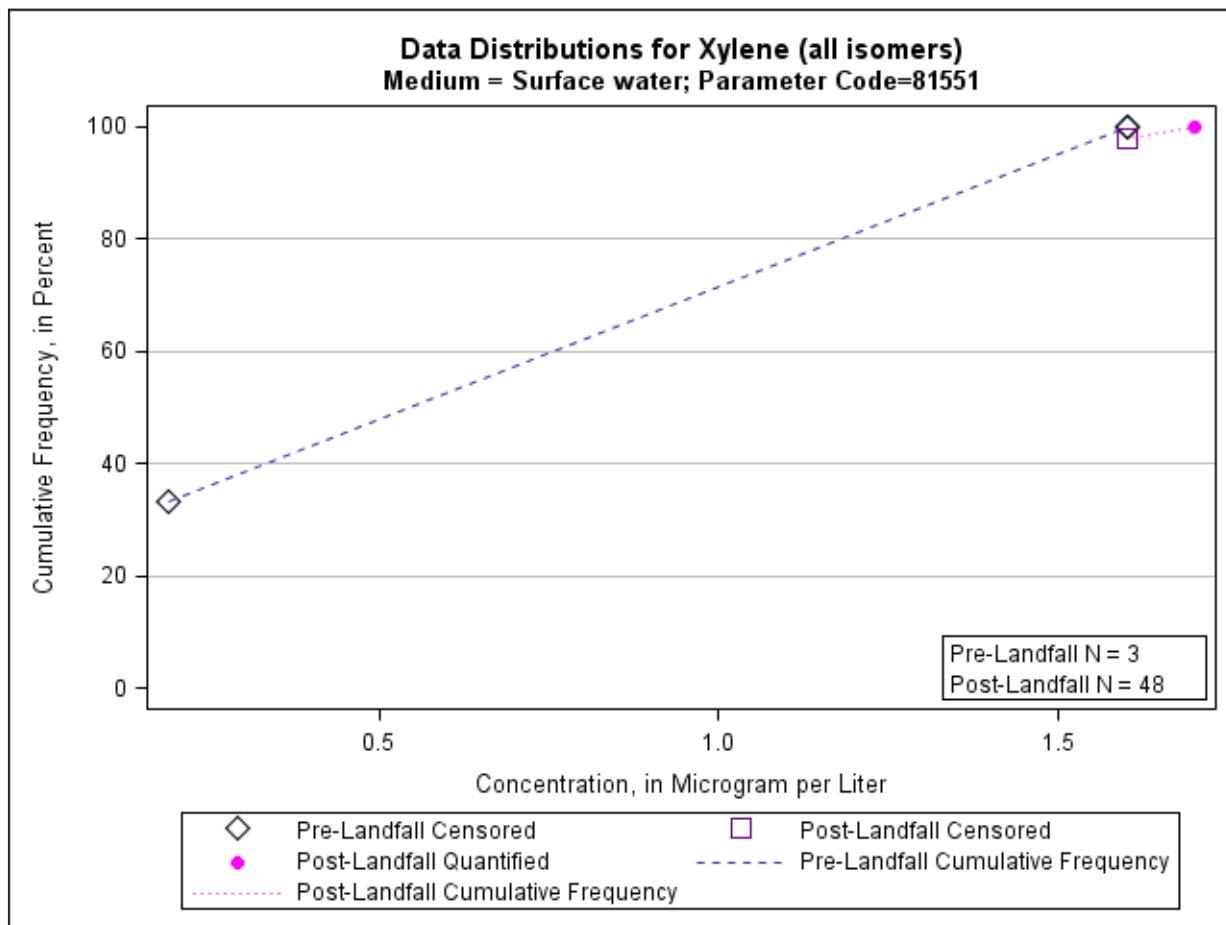










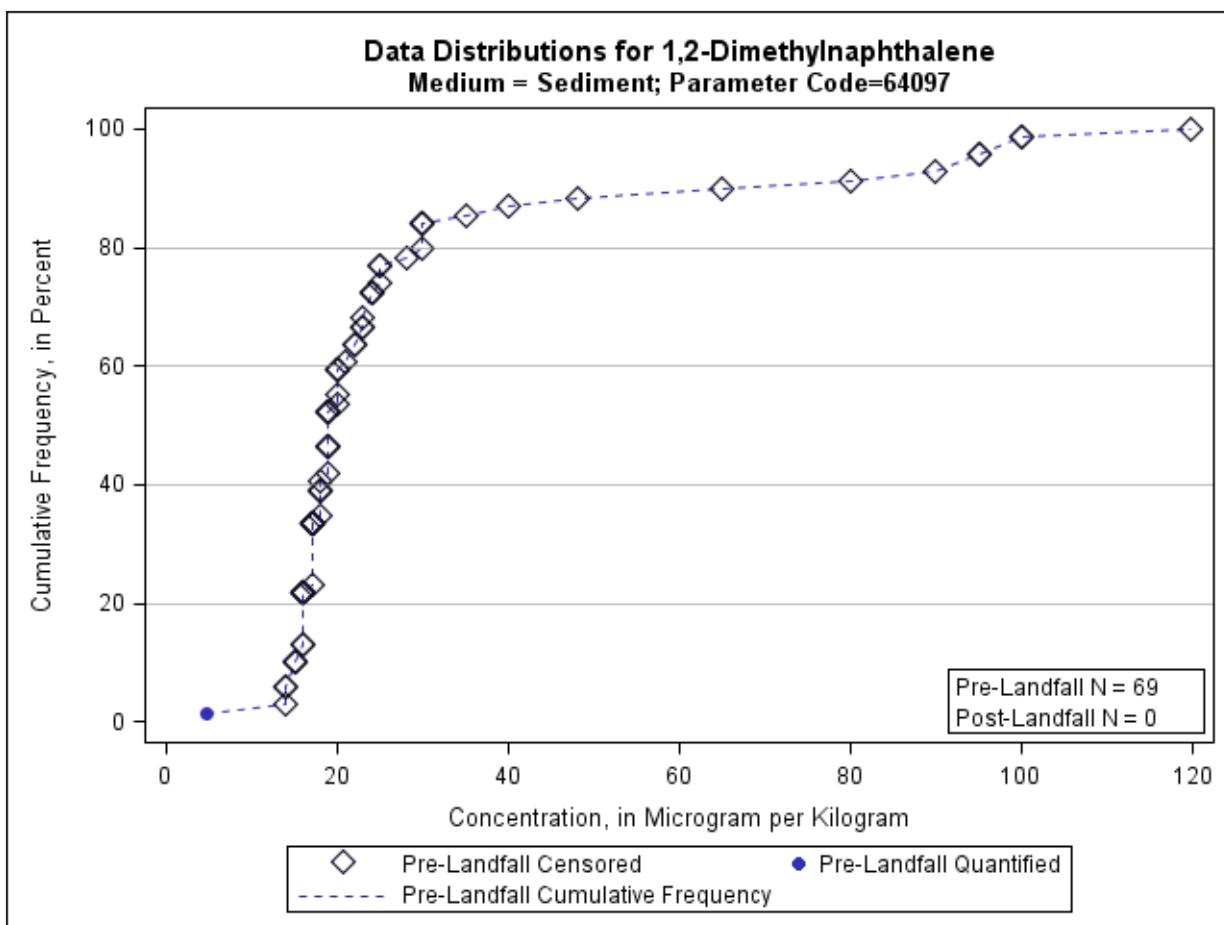
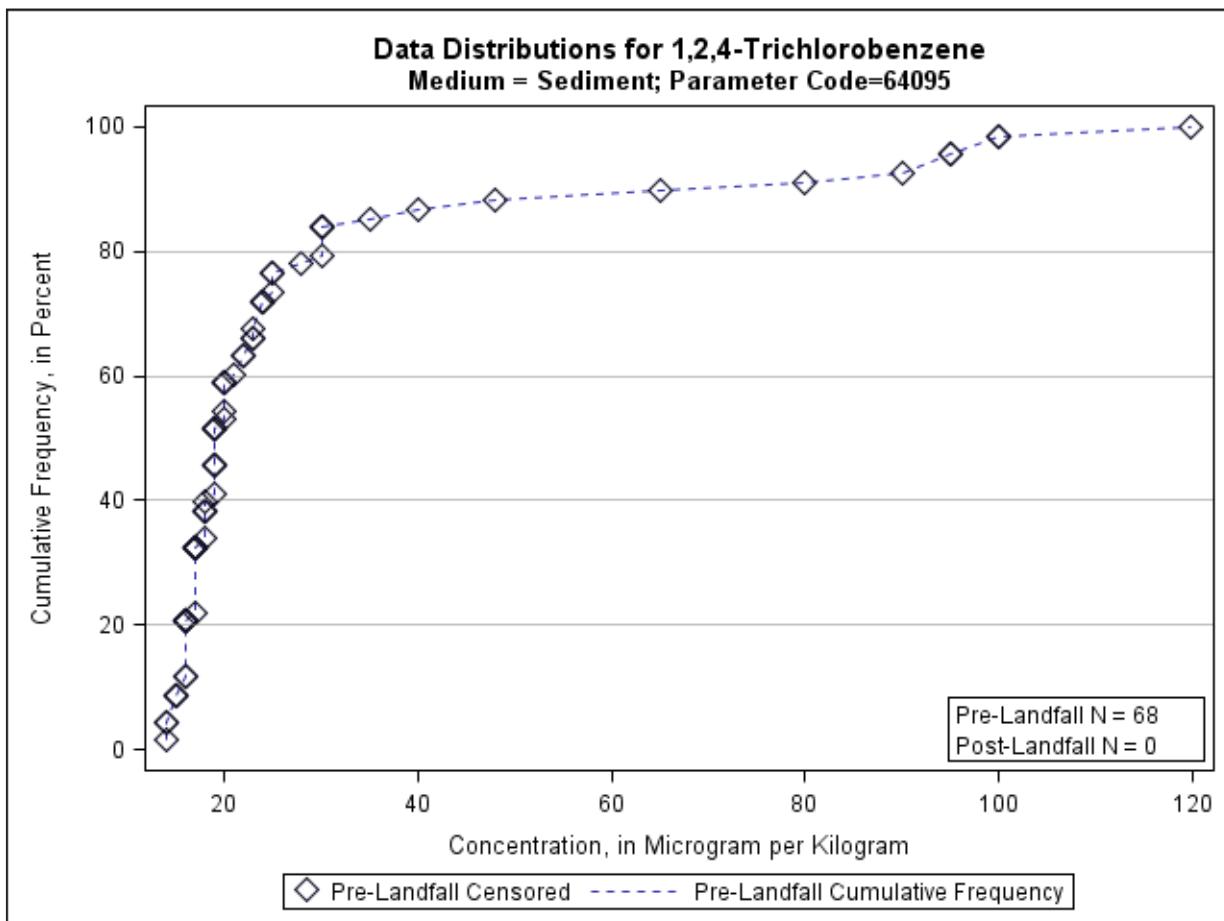


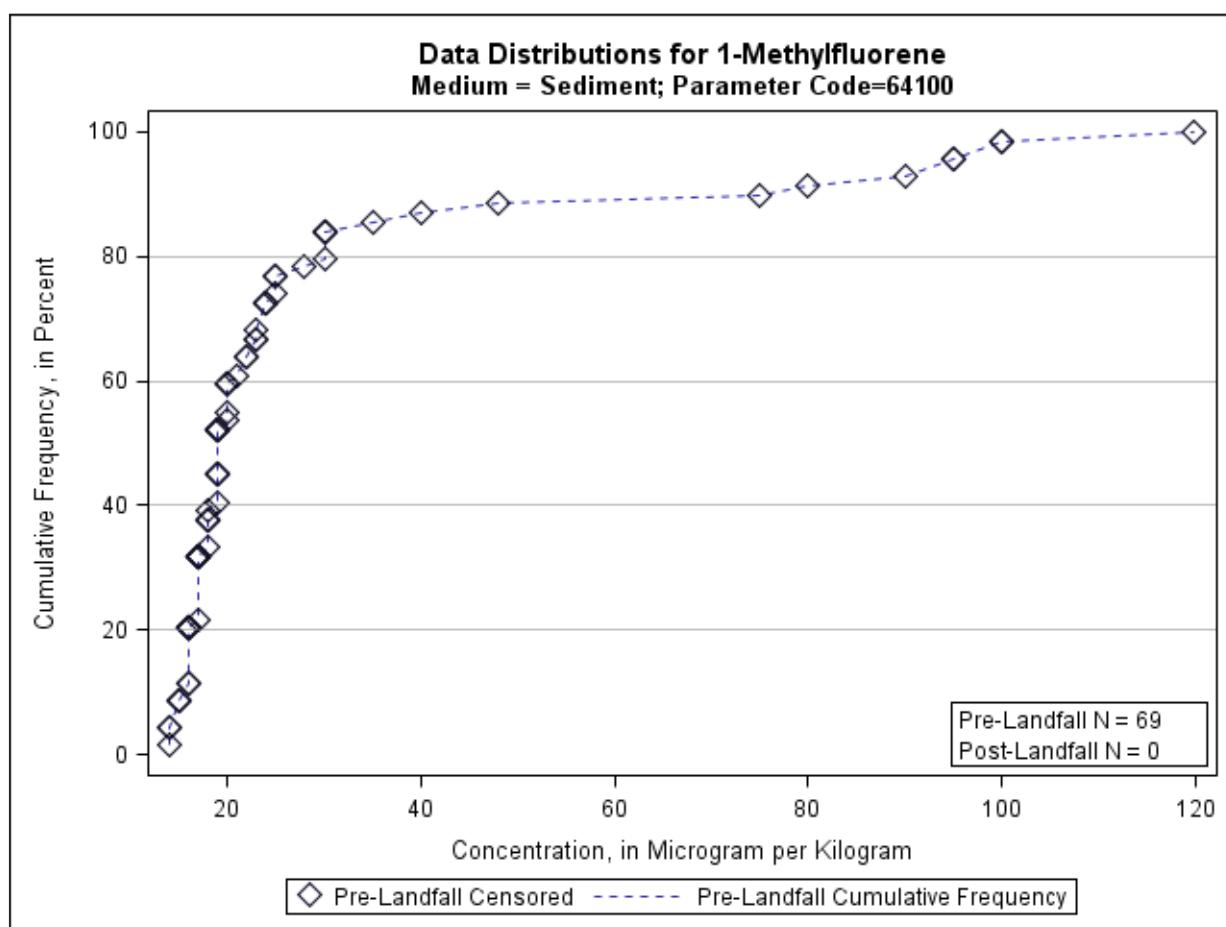
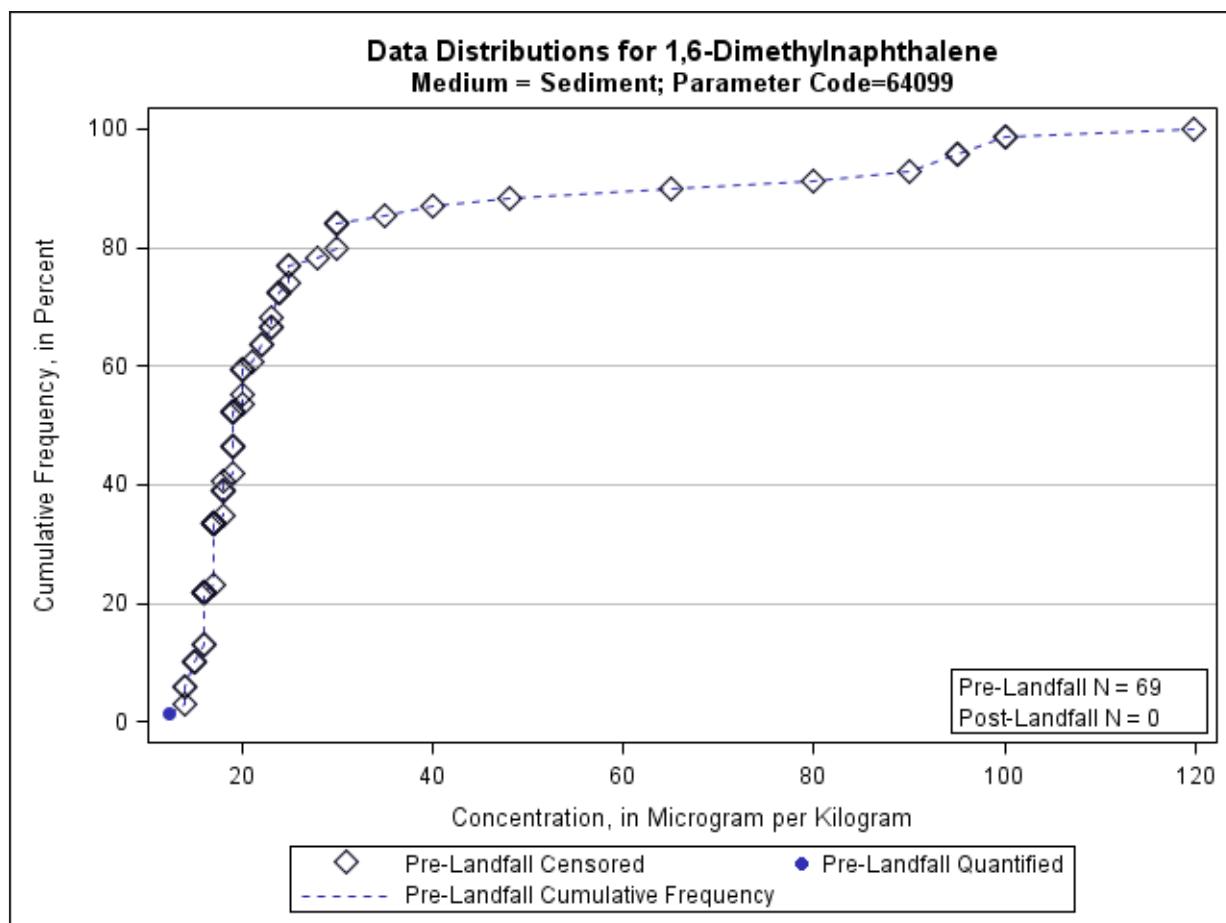
Appendix 2.2 Graphs Showing Data Distributions for Organic Contaminants in Whole Sediment Sampled in Response to the Deepwater Horizon Oil Spill, 2010

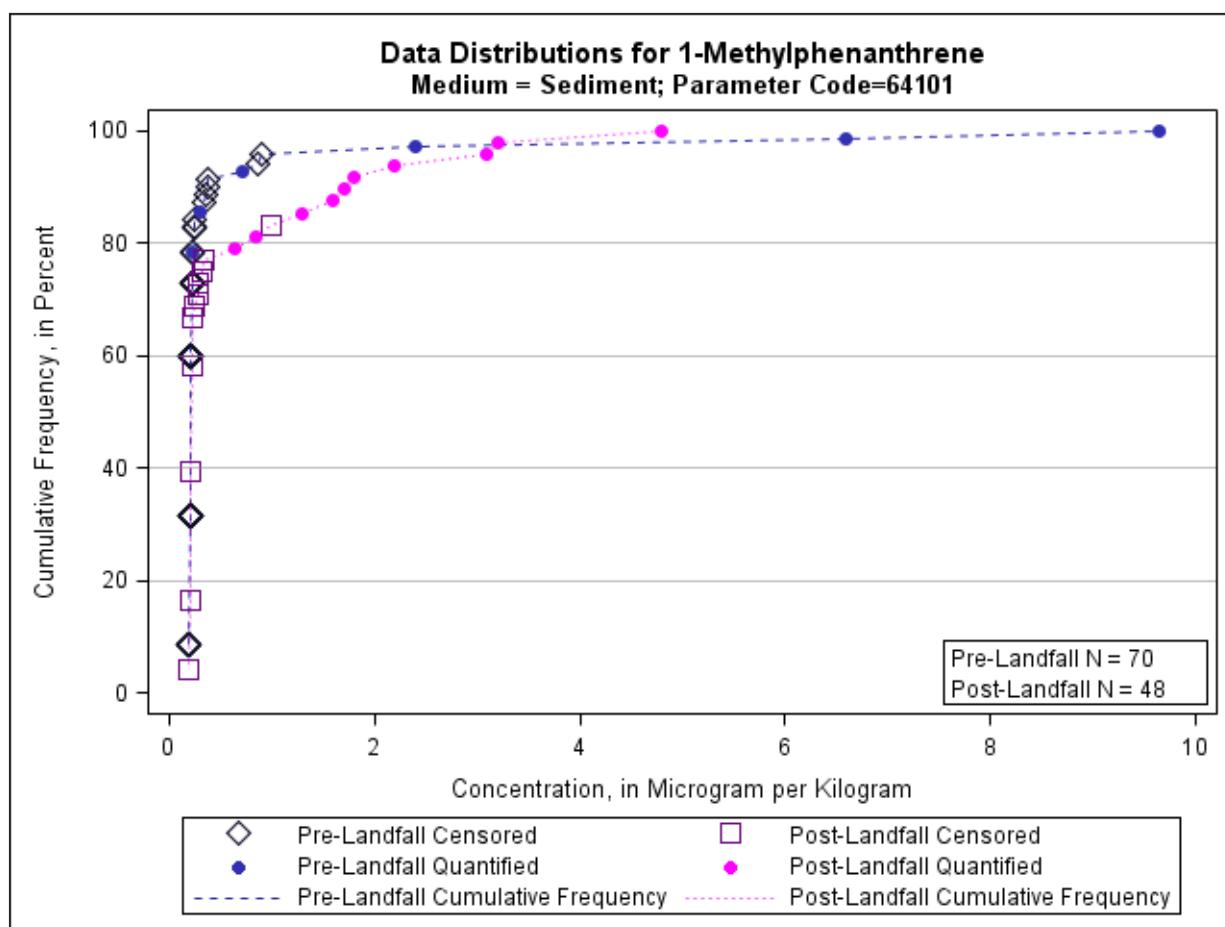
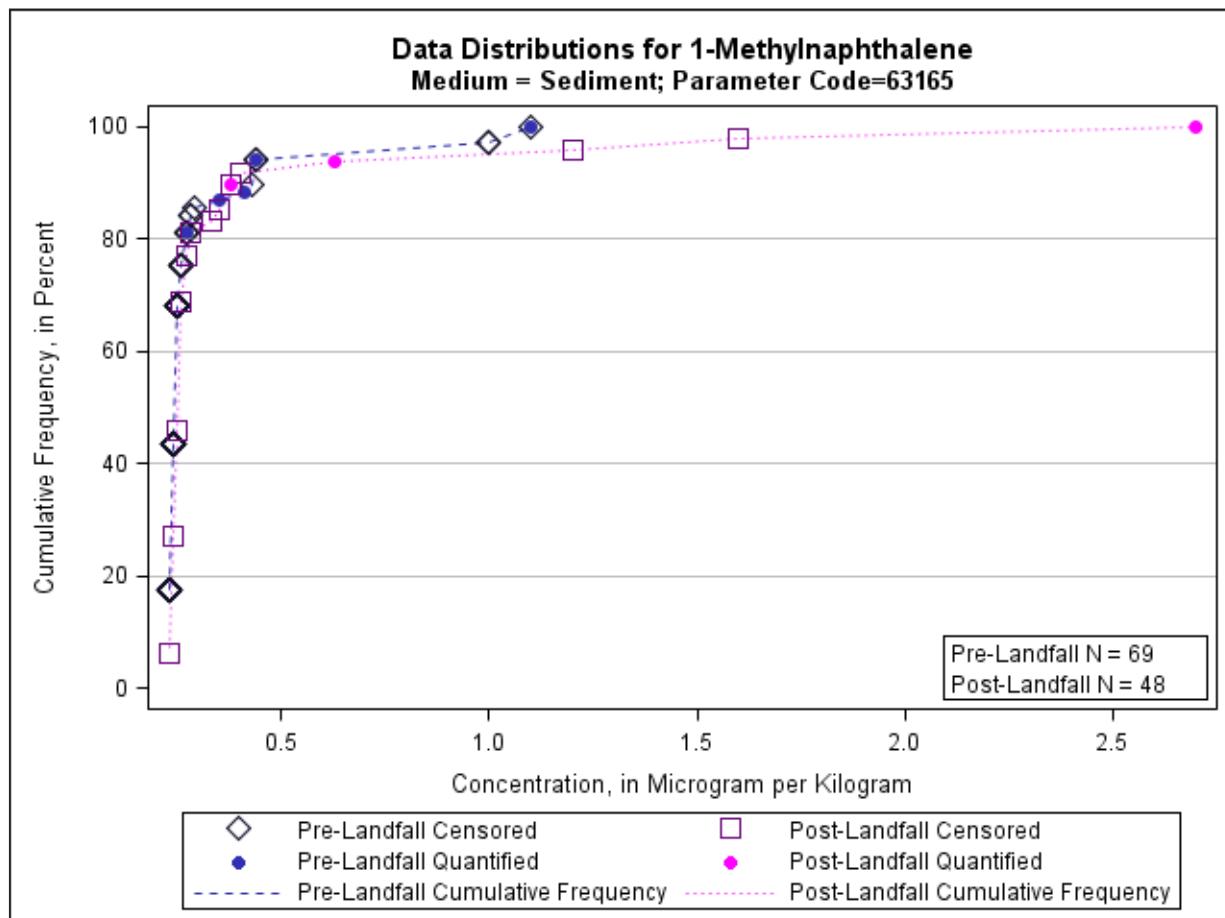
1,2,4-Trichlorobenzene	90
1,2-Dimethylnaphthalene	90
1,6-Dimethylnaphthalene	91
1-Methylfluorene	91
1-Methylnaphthalene	92
1-Methylphenanthrene	92
1-Methylpyrene	93
2,3,5-Trimethylnaphthalene	93
2,3,6-Trimethylnaphthalene	94
2,4,5-Trichlorophenol	94
2,4,6-Trichlorophenol	95
2,4-Dichlorophenol	95
2,4-Dimethylphenol	96
2,4-Dinitrophenol	96
2,4-Dinitrotoluene	97
2,6-Dimethylnaphthalene	97
2,6-Dinitrotoluene	98
2-Chloronaphthalene	98
2-Chlorophenol	99
2-Ethynaphthalene	99
2-Methyl-4,6-dinitrophenol	100
2-Methylanthracene	100
2-Methylnaphthalene	101
2-Naphthylamine	101
2-Nitrophenol	102
3,3'-Dichlorobenzidine	102
3-Nitroaniline	103
4-Bromophenyl phenyl ether	103
4-Chloro-3-methylphenol	104
4-Chloroaniline	104
4-Chlorophenyl phenyl ether	105
4-Nitroaniline	105
4-Nitrophenol	106
4H-Cyclopenta[d,e,f]phenanthrene	106
9,10-Anthraquinone	107

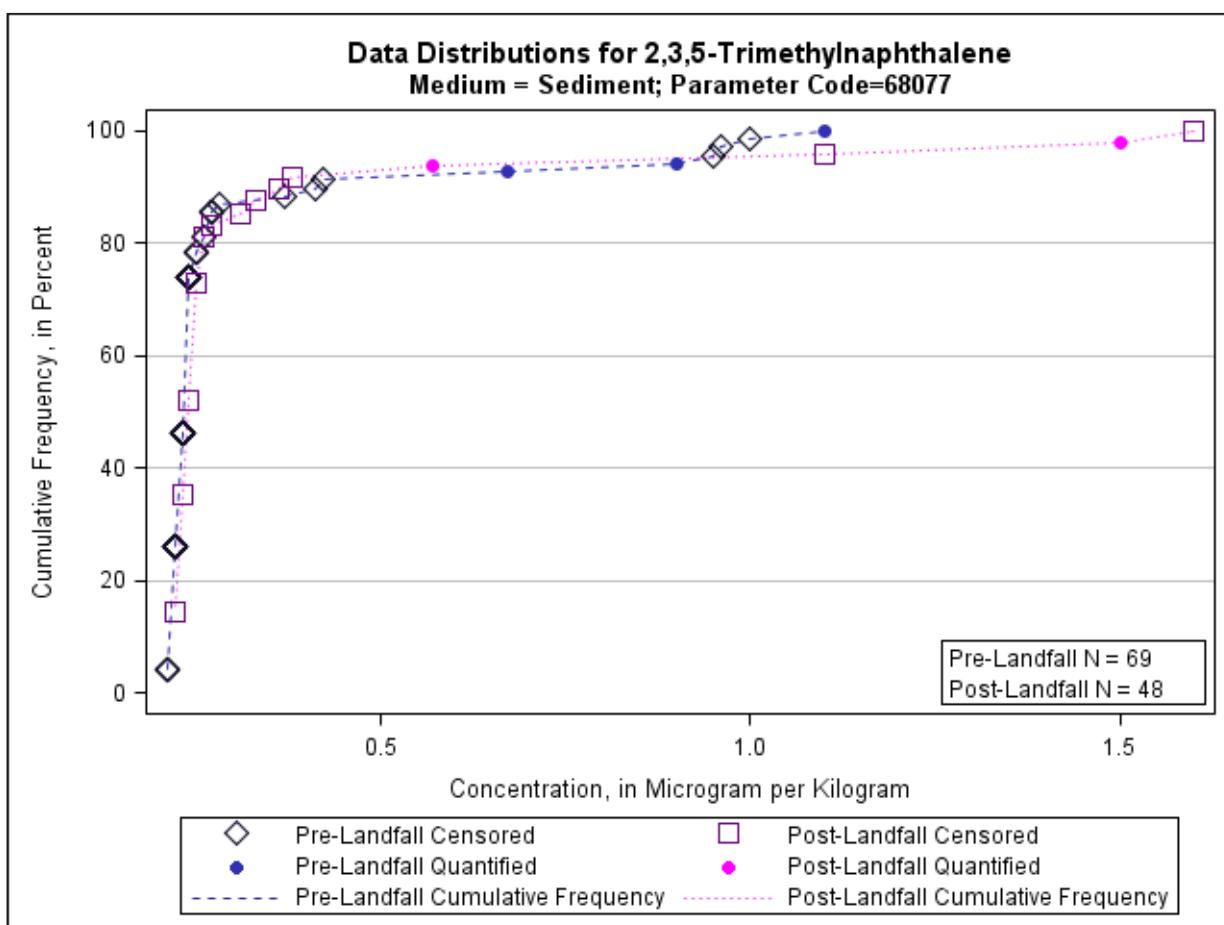
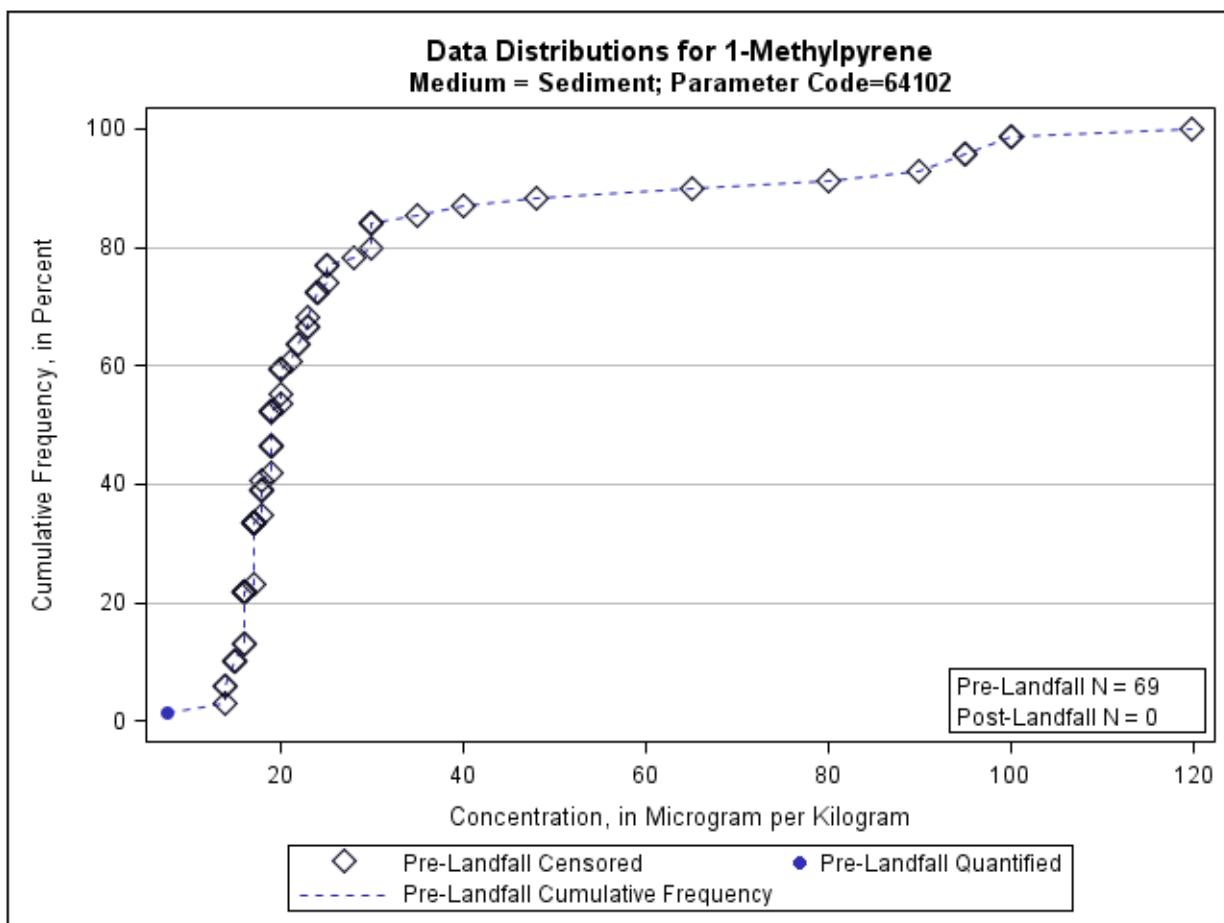
Acenaphthene	107
Acenaphthylene	108
Acetophenone	108
Anthracene	109
Atrazine.....	109
Benzaldehyde	110
Benzo[a]anthracene.....	110
Benzo[a]pyrene	111
Benzo[b]fluoranthene.....	111
Benzo[e]pyrene	112
Benzo[g,h,i]perylene.....	112
Benzo[k]fluoranthene.....	113
Benzl n-butylphthalate	113
Biphenyl.....	114
Bis(2-chloro-1-methylethyl) ether	114
Bis(2-chloroethoxy)methane.....	115
Bis(2-chloroethyl) ether	115
Bis-2-ethylhexylphthalate.....	116
C1-alkylated Chrysenes	116
C1-alkylated Dibenzothiophenes.....	117
C1-alkylated Fluoranthenes/Pyrenes	117
C1-alkylated Fluorenes.....	118
C1-alkylated Naphthalenes	118
C1-alkylated Phenanthrenes/Anthracenes	119
C2-alkylated Chrysenes	119
C2-alkylated Dibenzothiophenes.....	120
C2-alkylated Fluoranthenes/Pyrenes	120
C2-alkylated Fluorenes.....	121
C2-alkylated Naphthalenes	121
C2-alkylated Phenanthrenes/Anthracenes	122
C3-alkylated Chrysenes	122
C3-alkylated Dibenzothiophenes.....	123
C3-alkylated Fluoranthenes/Pyrenes	123
C3-alkylated Fluorenes.....	124
C3-alkylated Naphthalenes	124
C3-alkylated Phenanthrenes/Anthracenes	125
C4-alkylated Chrysenes	125
C4-alkylated Dibenzothiophenes.....	126
C4-alkylated Naphthalenes	126

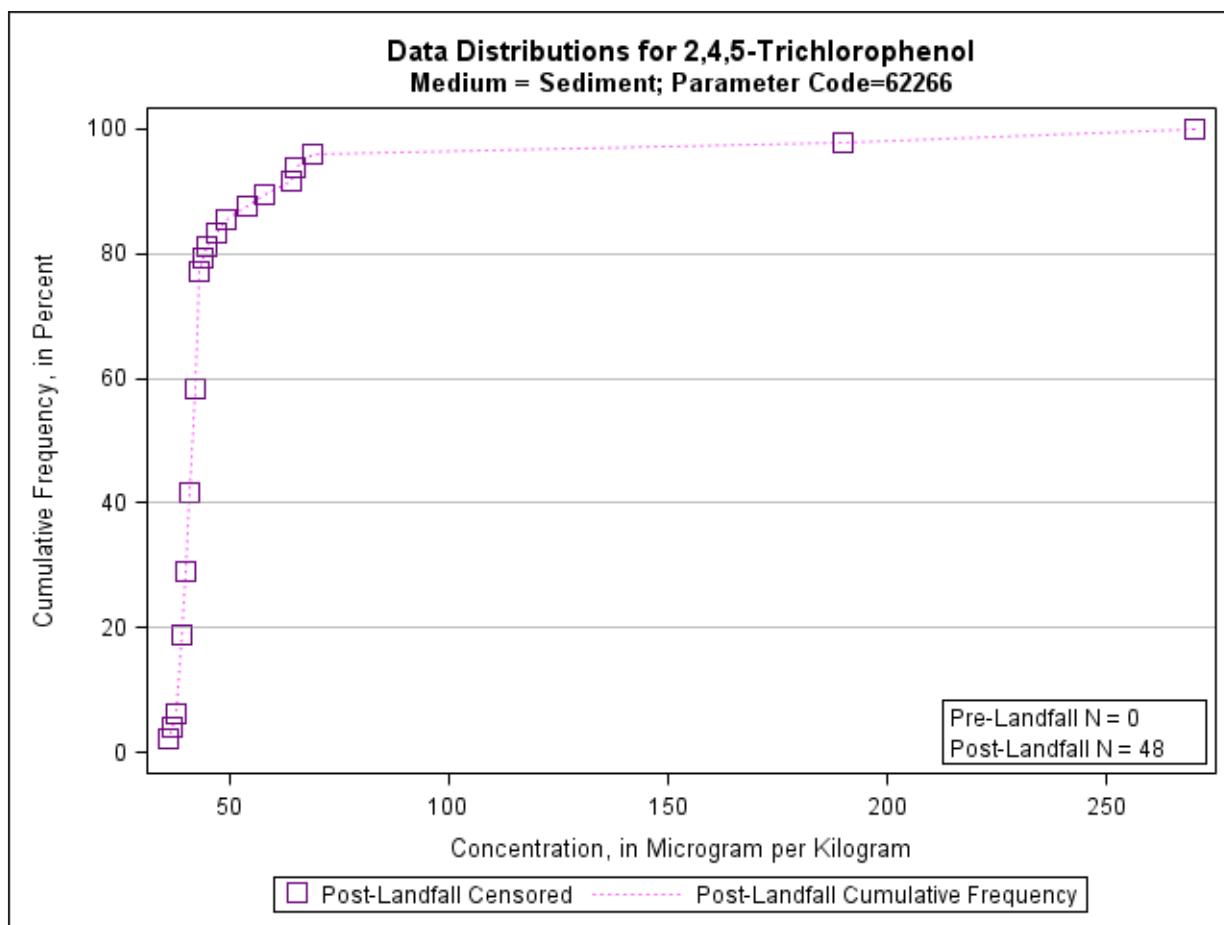
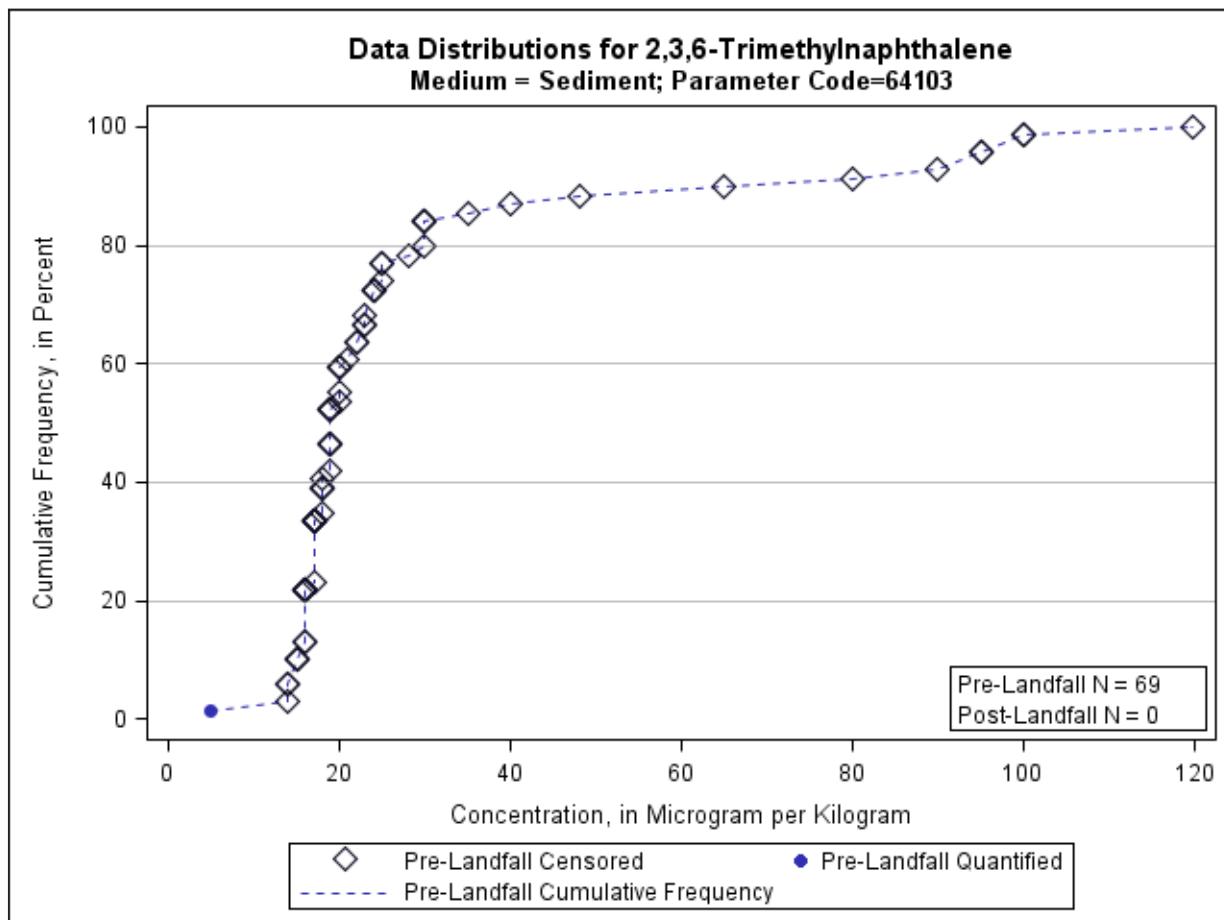
C4-alkylated Phenanthrenes/Anthracenes	127
Caprolactam.....	127
Carbazole.....	128
Chrysene.....	128
Di-n-butylphthalate	129
Di-n-octyl phthalate.....	129
Dibenzo[a,h]anthracene	130
Dibenzofuran.....	130
Dibenzothiophene	131
Diethylphthalate	131
Dimethylphthalate	132
Fluoranthene.....	132
Fluorene.....	133
Hexachlorobenzene.....	133
Hexachlorobutadiene.....	134
Hexachlorocyclopentadiene.....	134
Hexachloroethane	135
Indeno[1,2,3-cd]pyrene	135
Isophorone	136
m-plus p-Cresol	136
N-Nitrosodi-n-propylamine	137
N-Nitrosodiphenylamine.....	137
Naphthalene.....	138
Nitrobenzene	138
o-Cresol	139
Oil and grease.....	139
Pentachloroanisole.....	140
Pentachloronitrobenzene	140
Pentachlorophenol	141
Percent moisture.....	141
Perylene.....	142
Petroleum hydrocarbons	142
Phenanthrene	143
Phenanthridine	143
Phenol	144
Pyrene	144
Total organic carbon	145
Turbidity	145

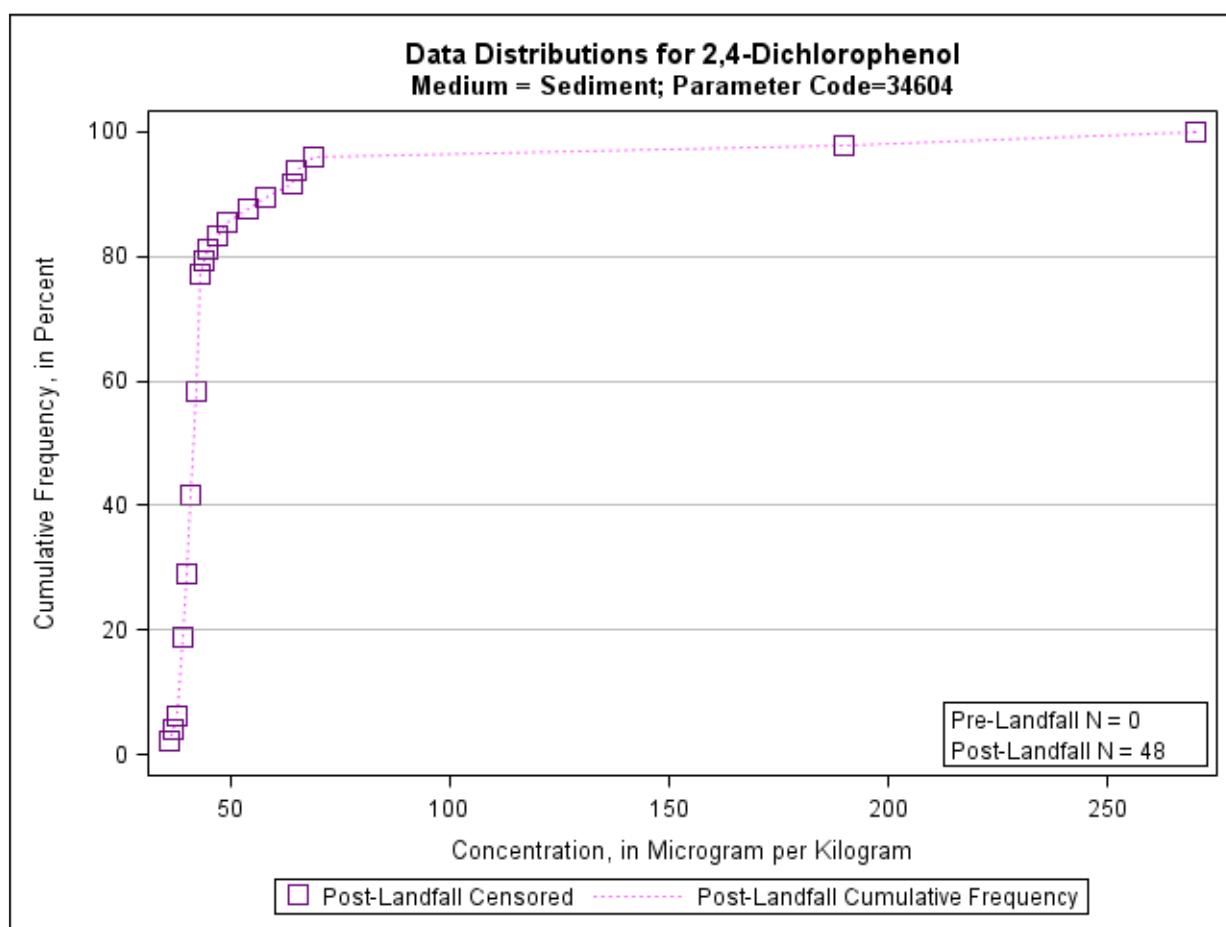
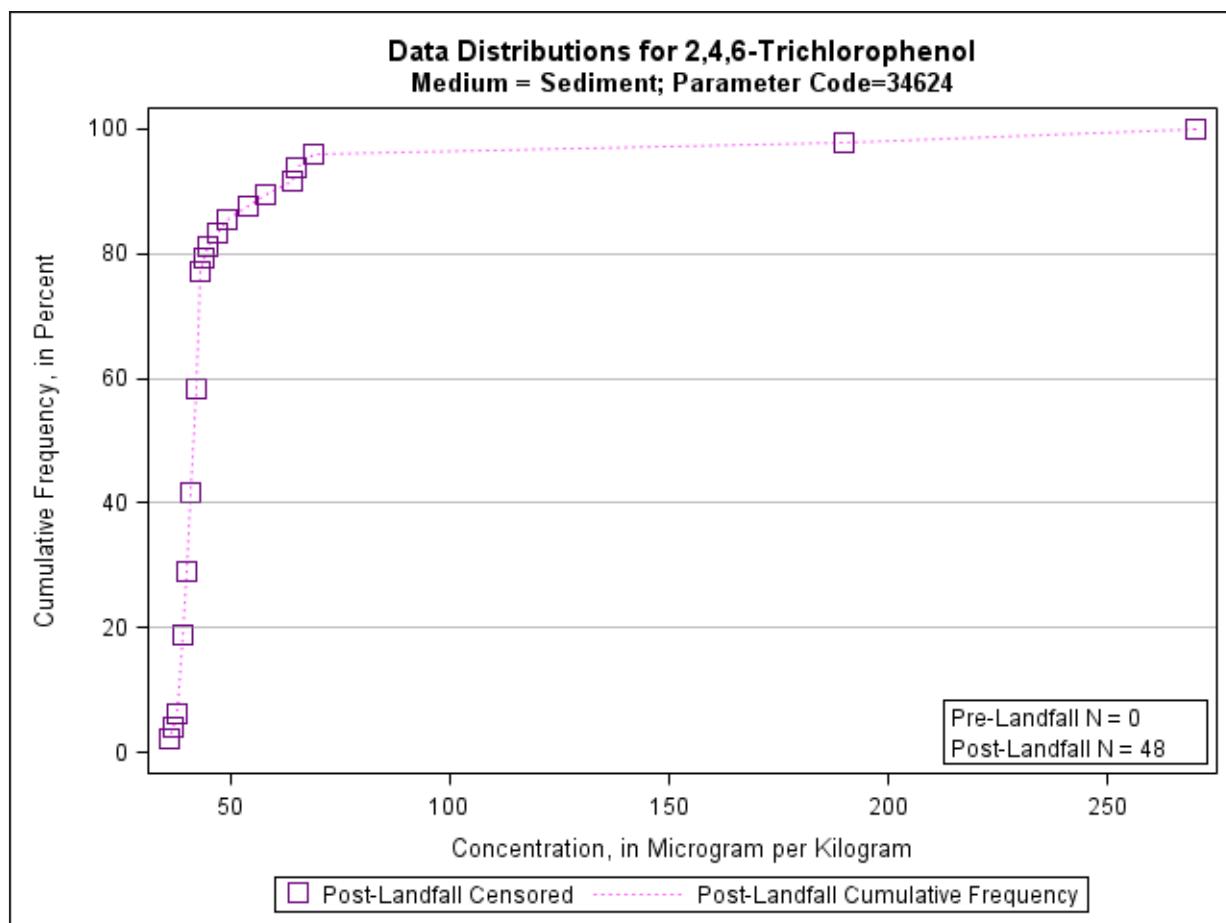


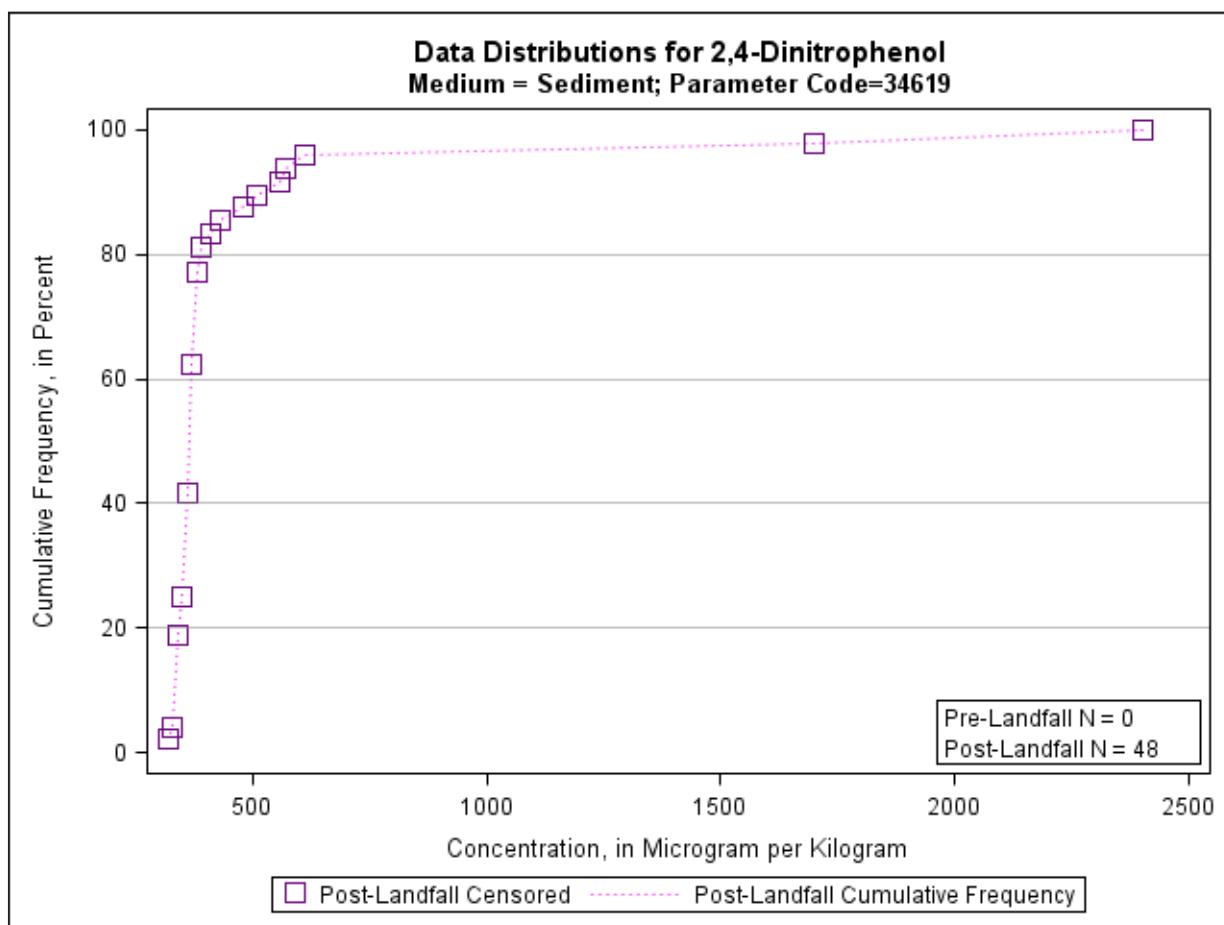
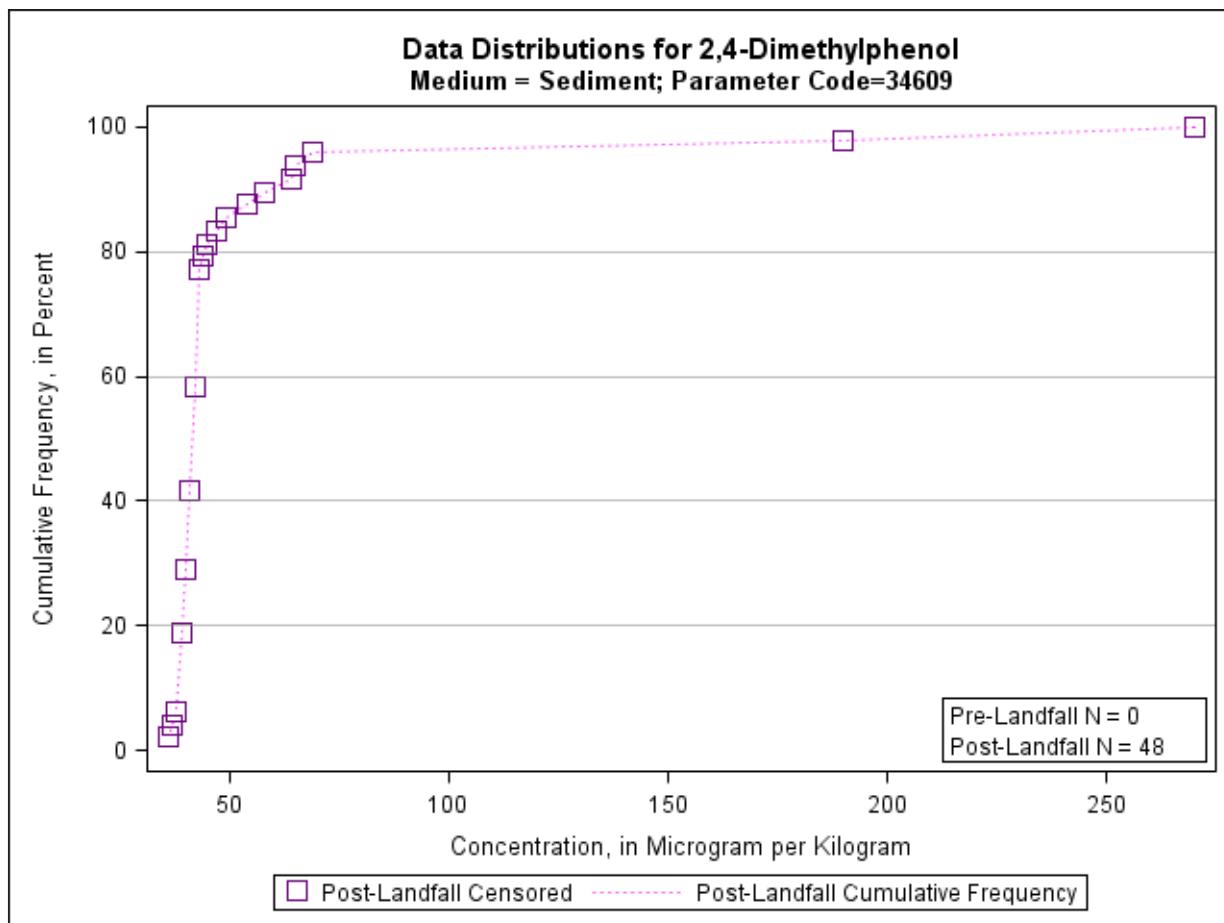


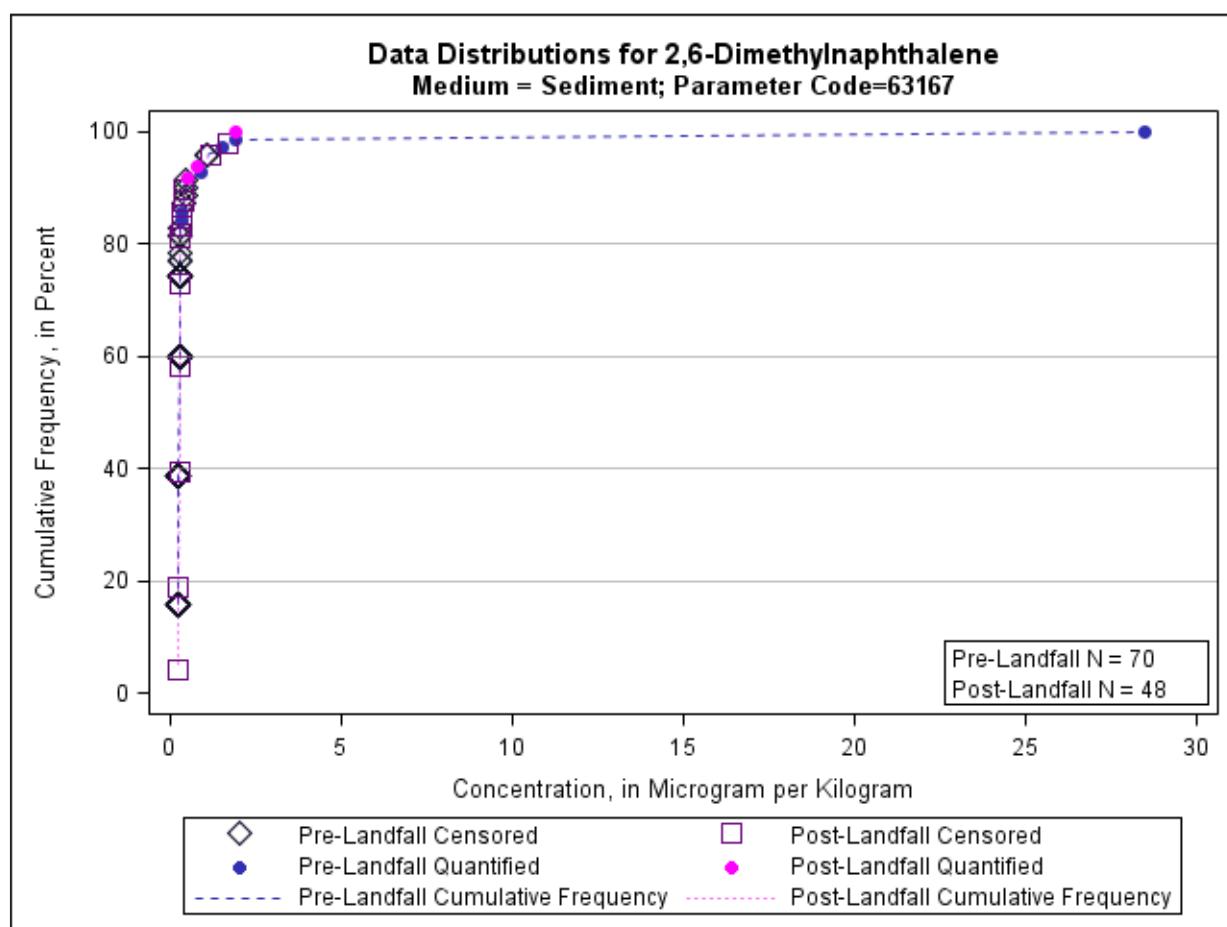
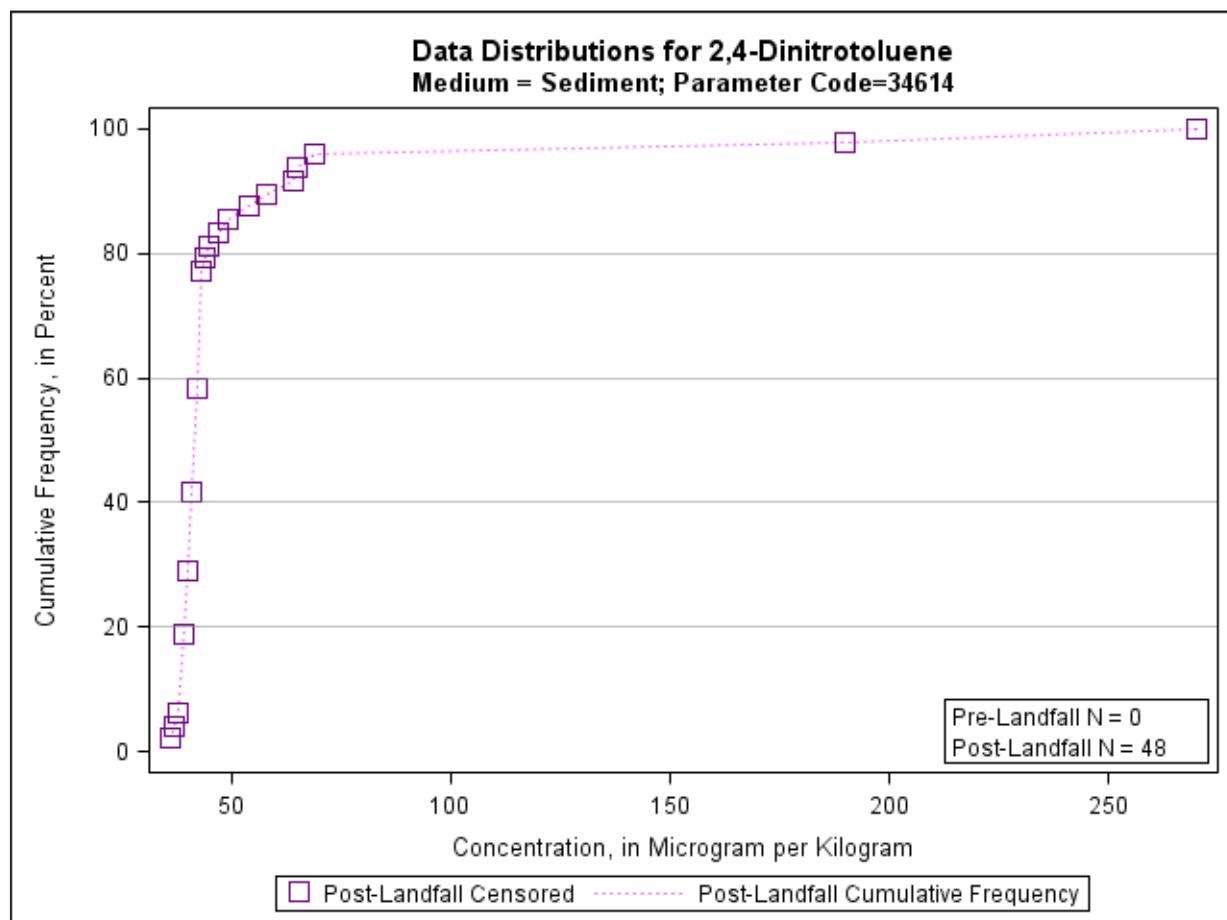


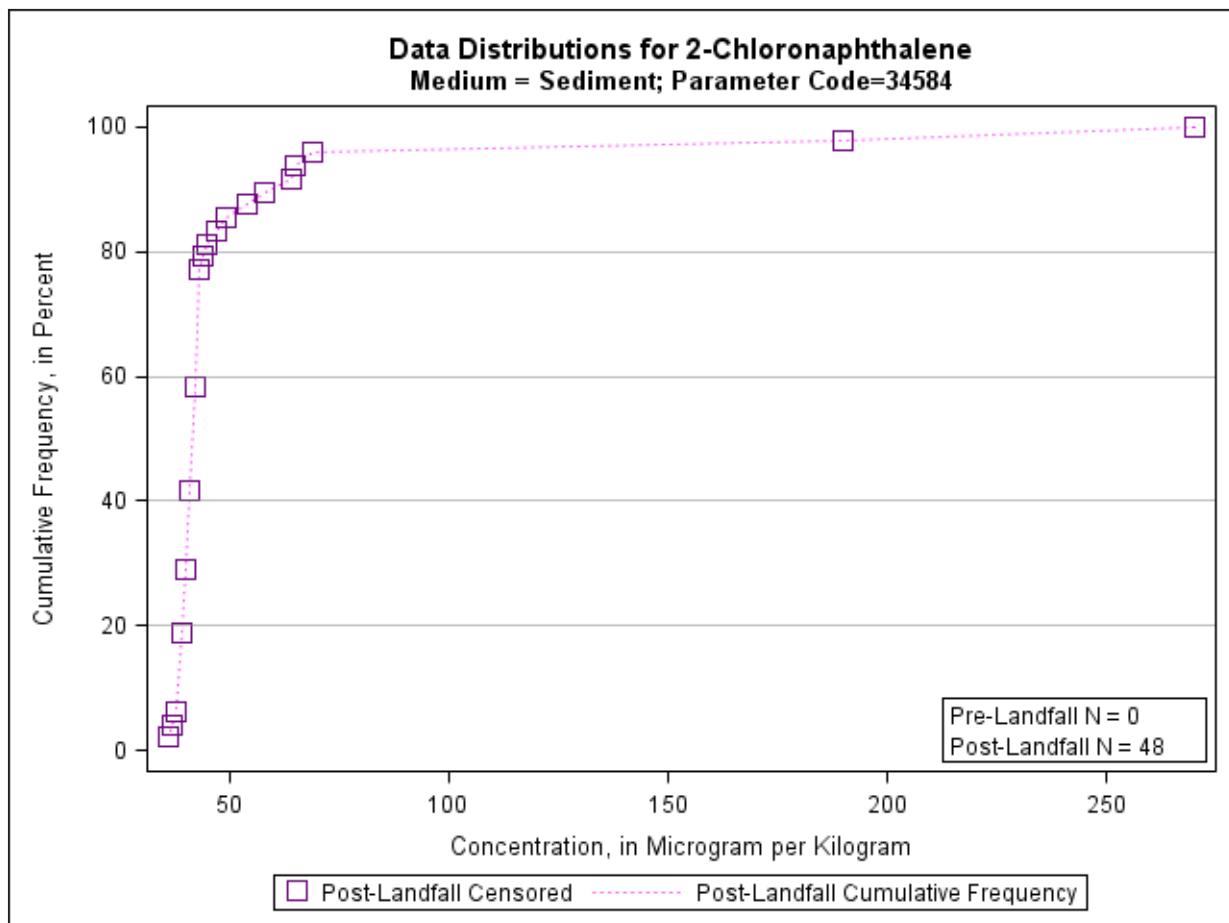
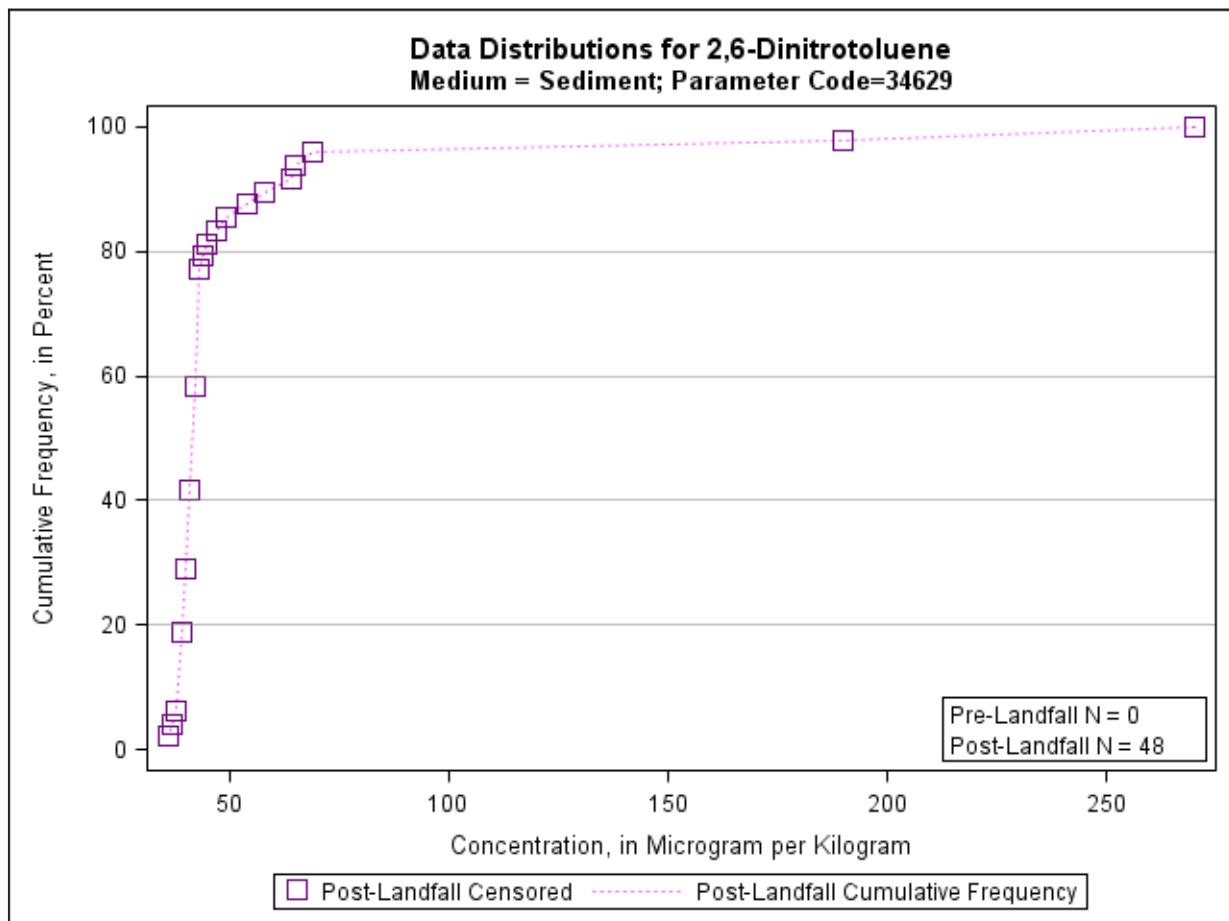


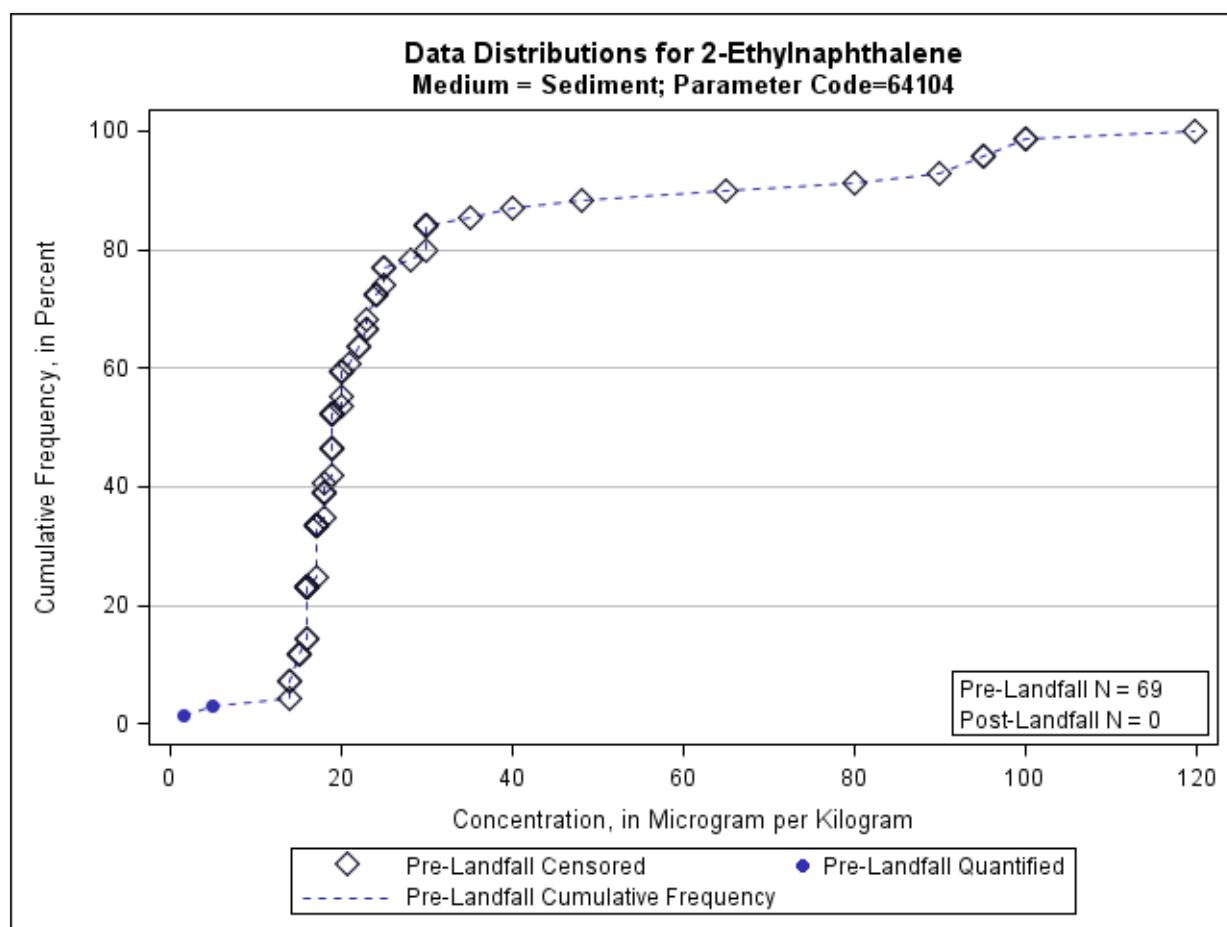
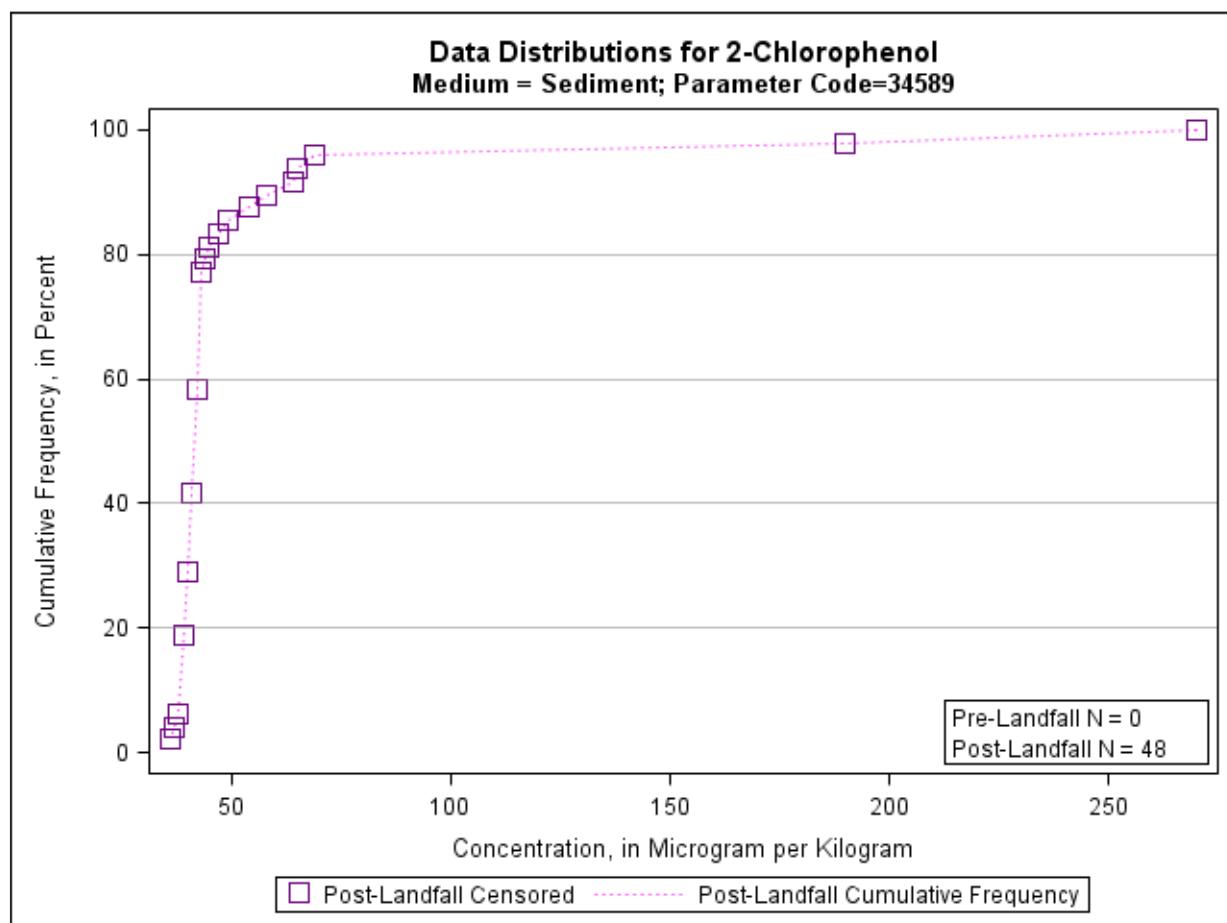


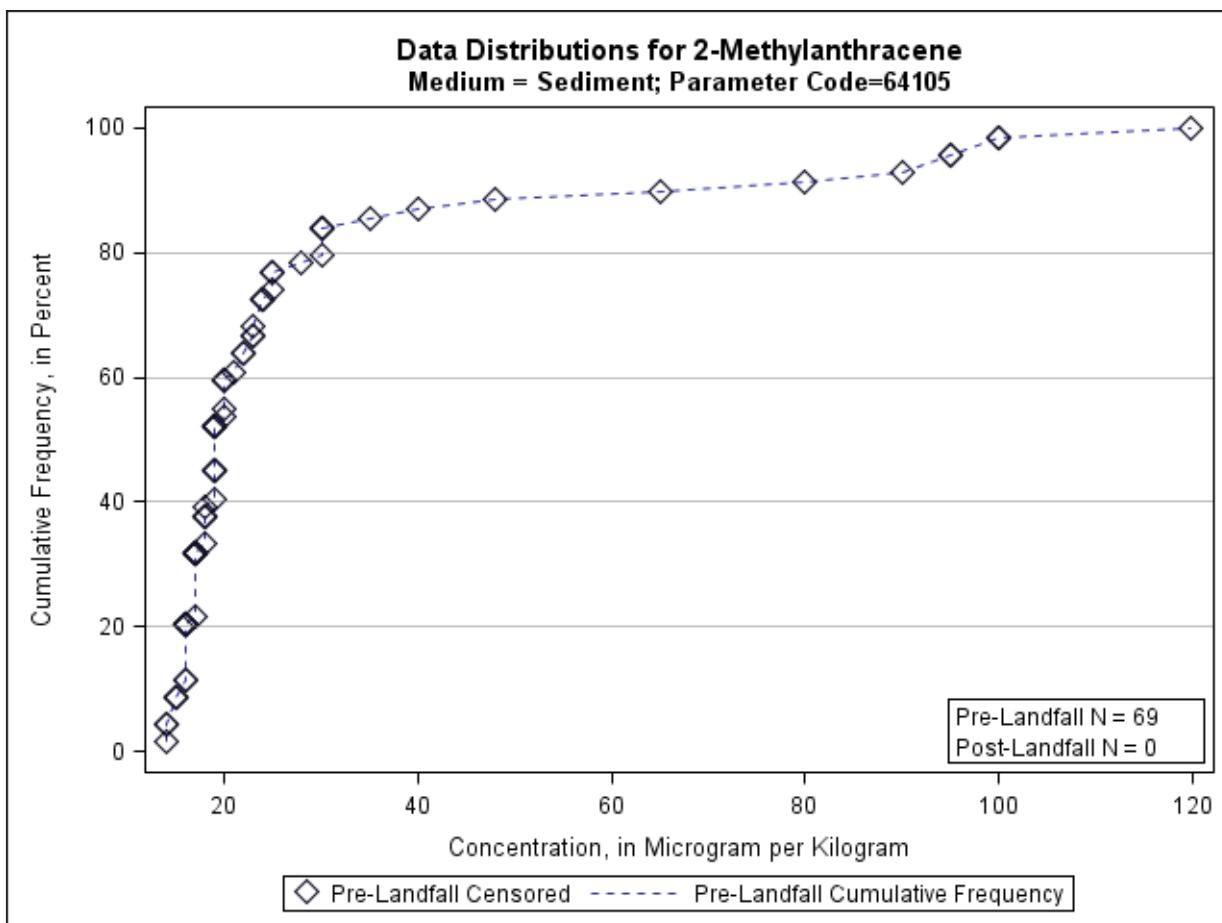
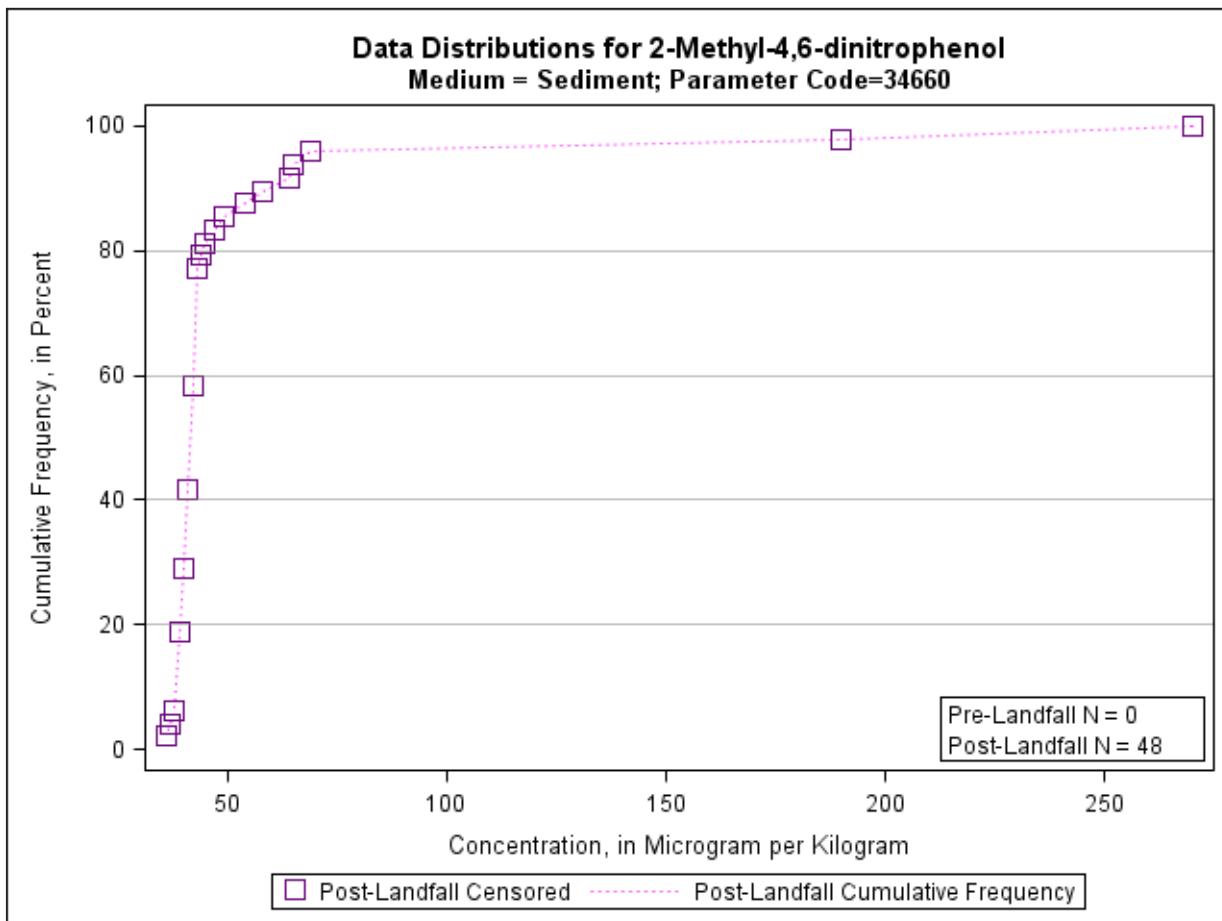


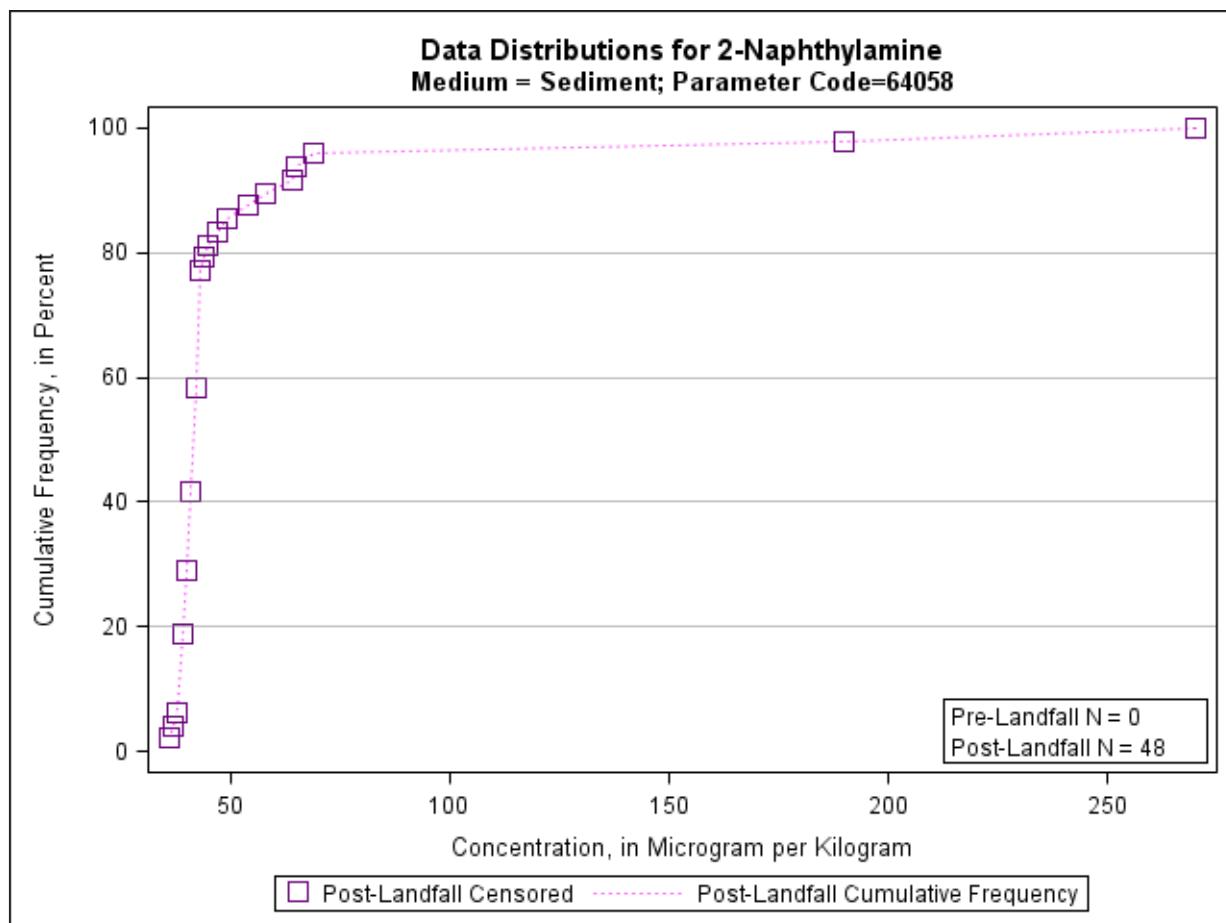
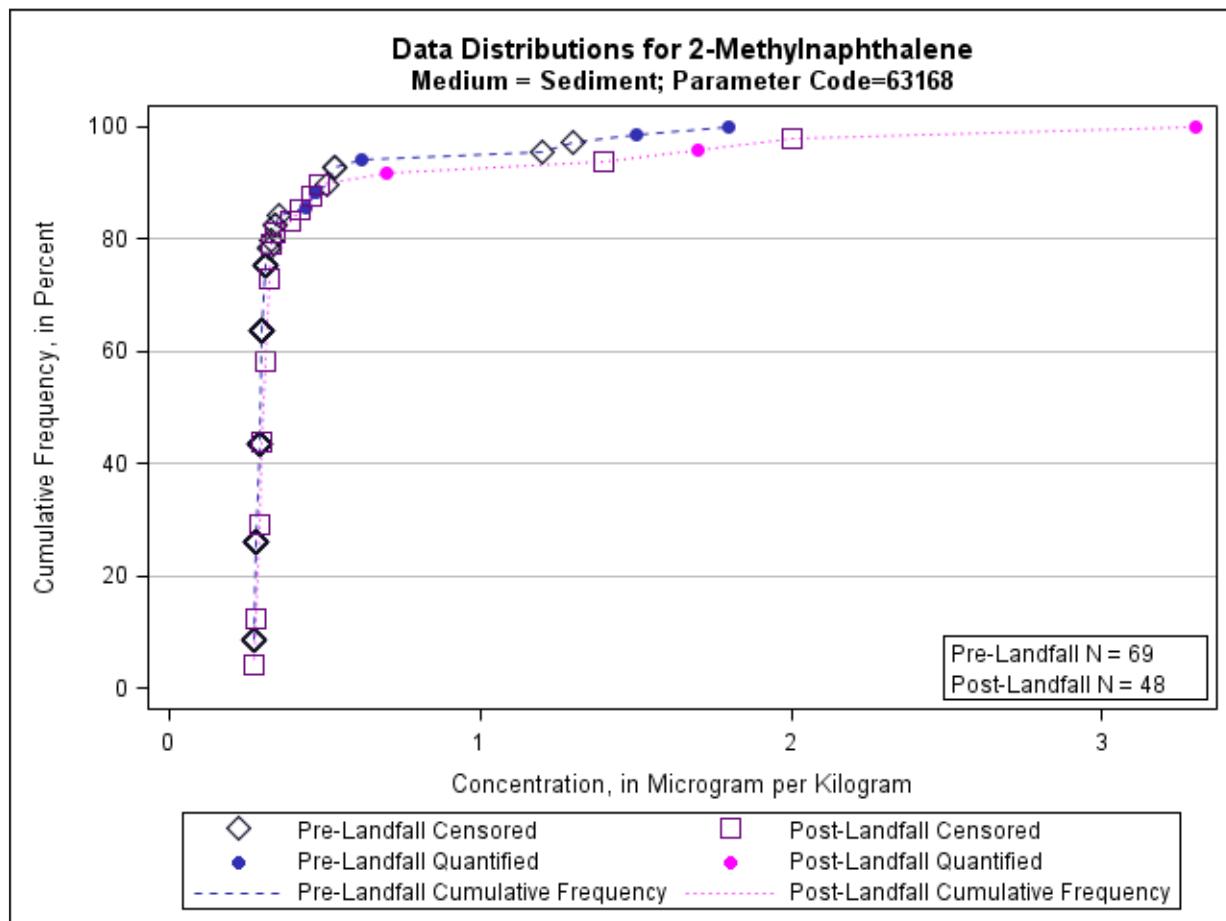


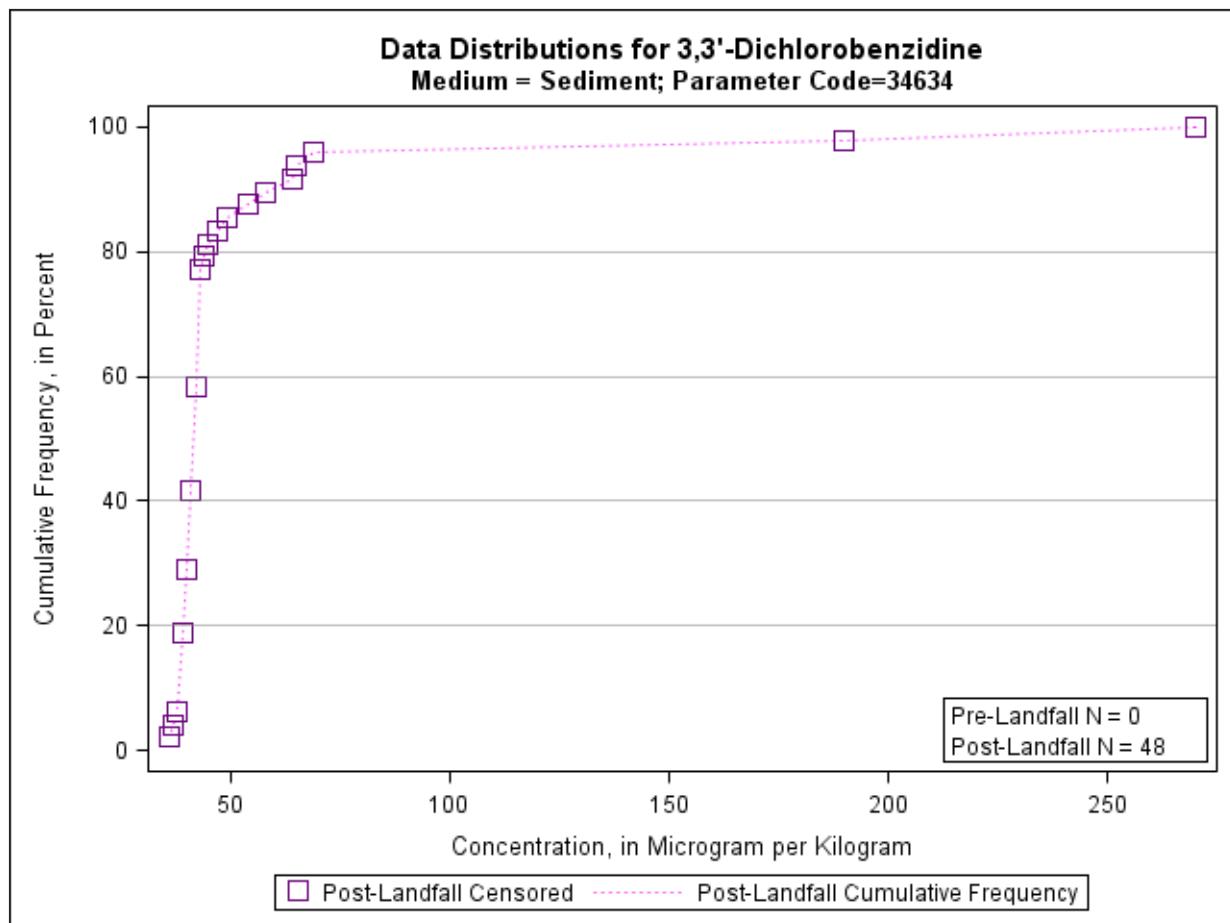
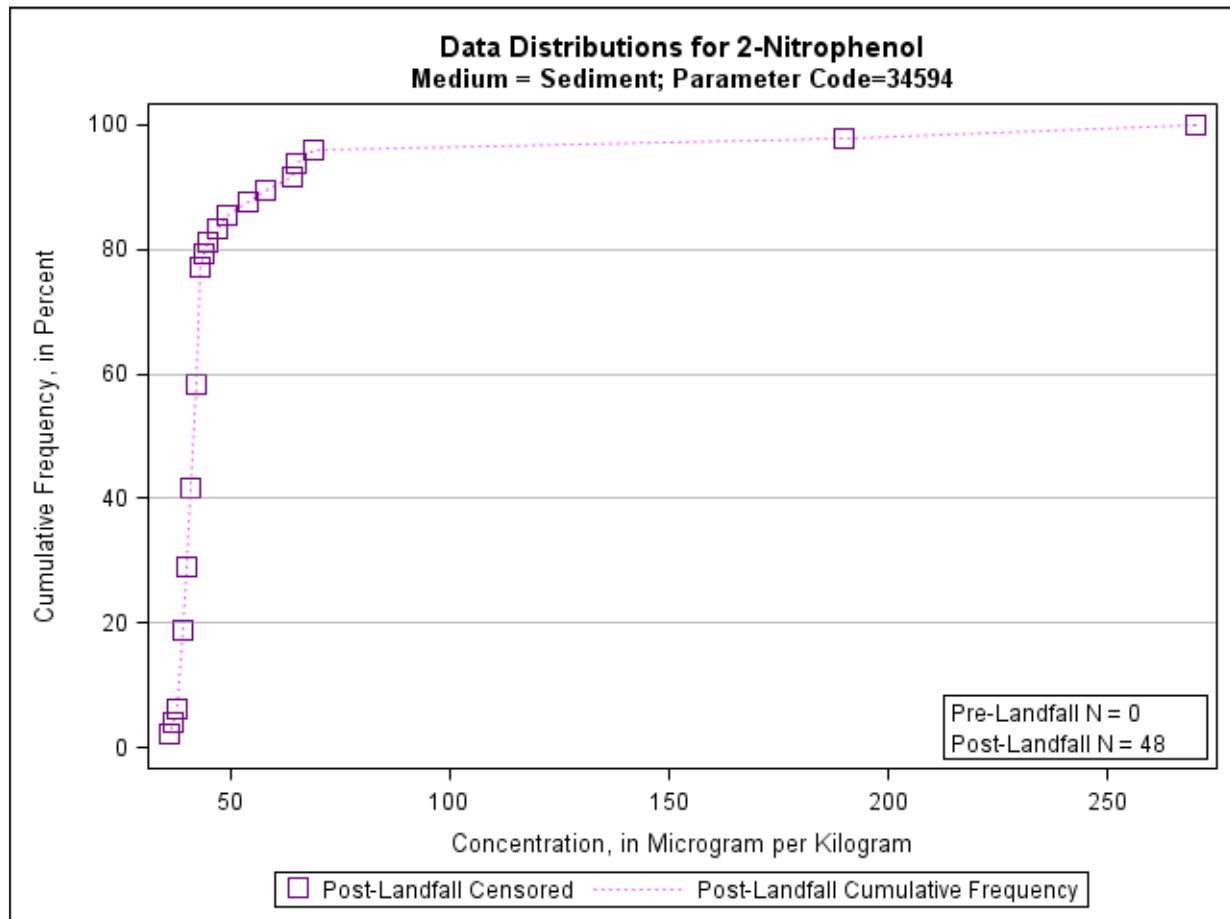


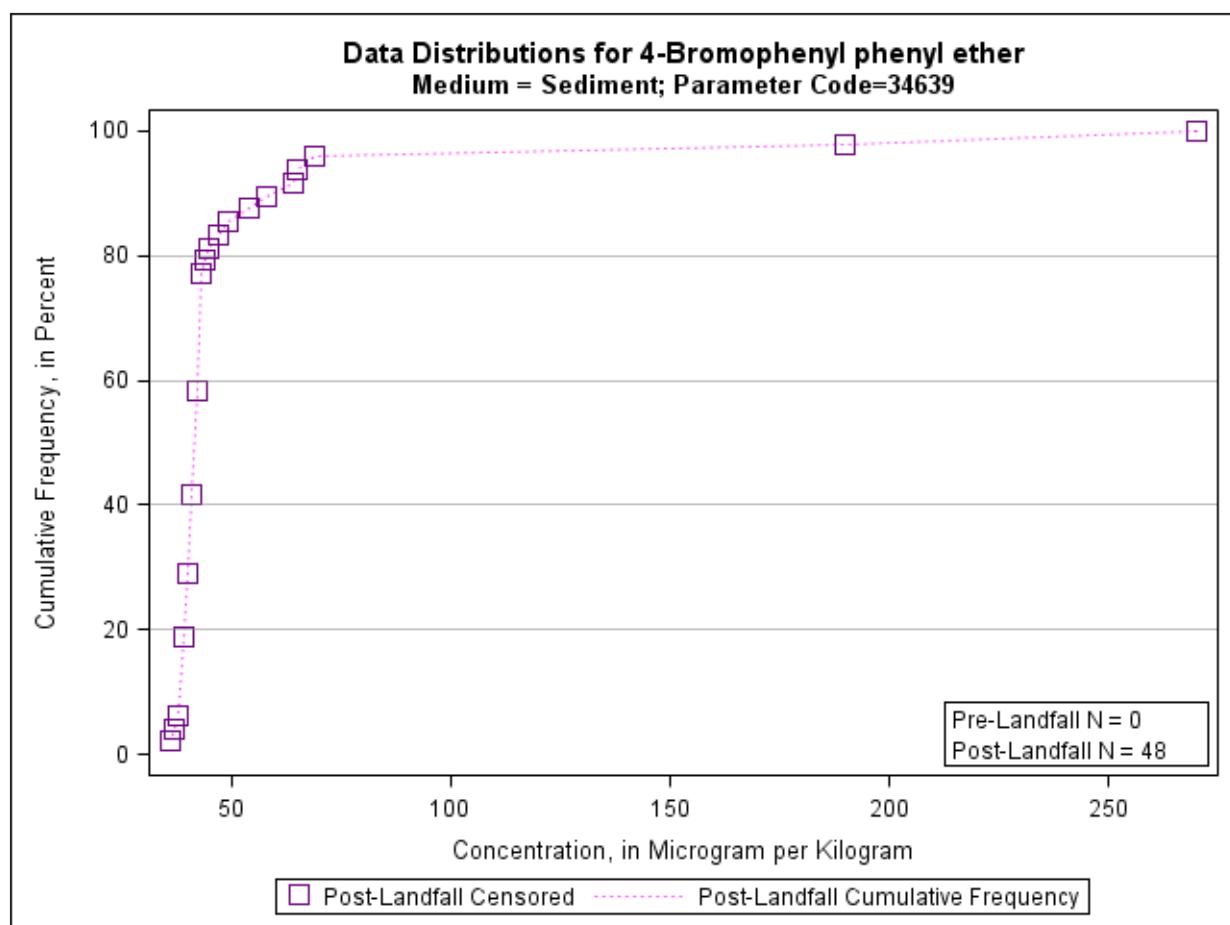
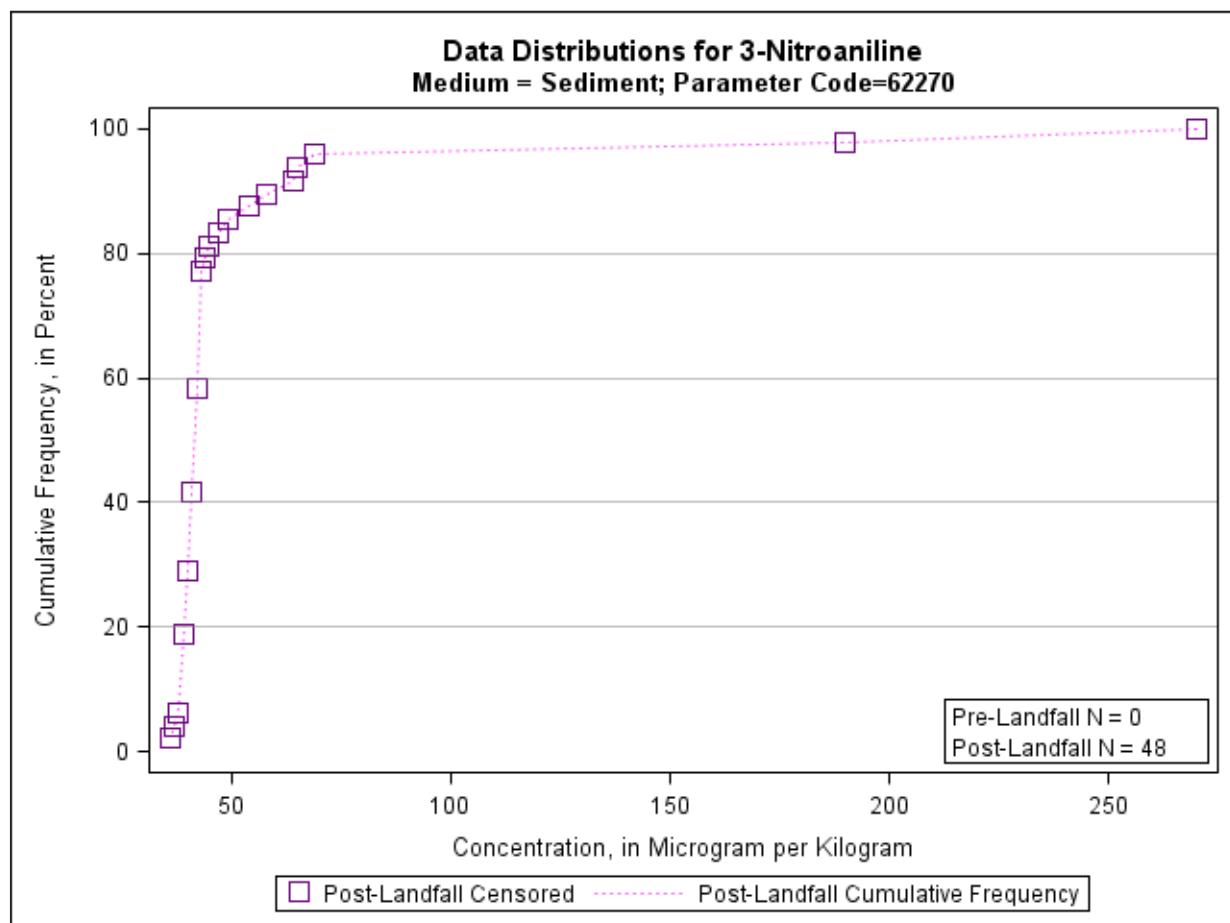


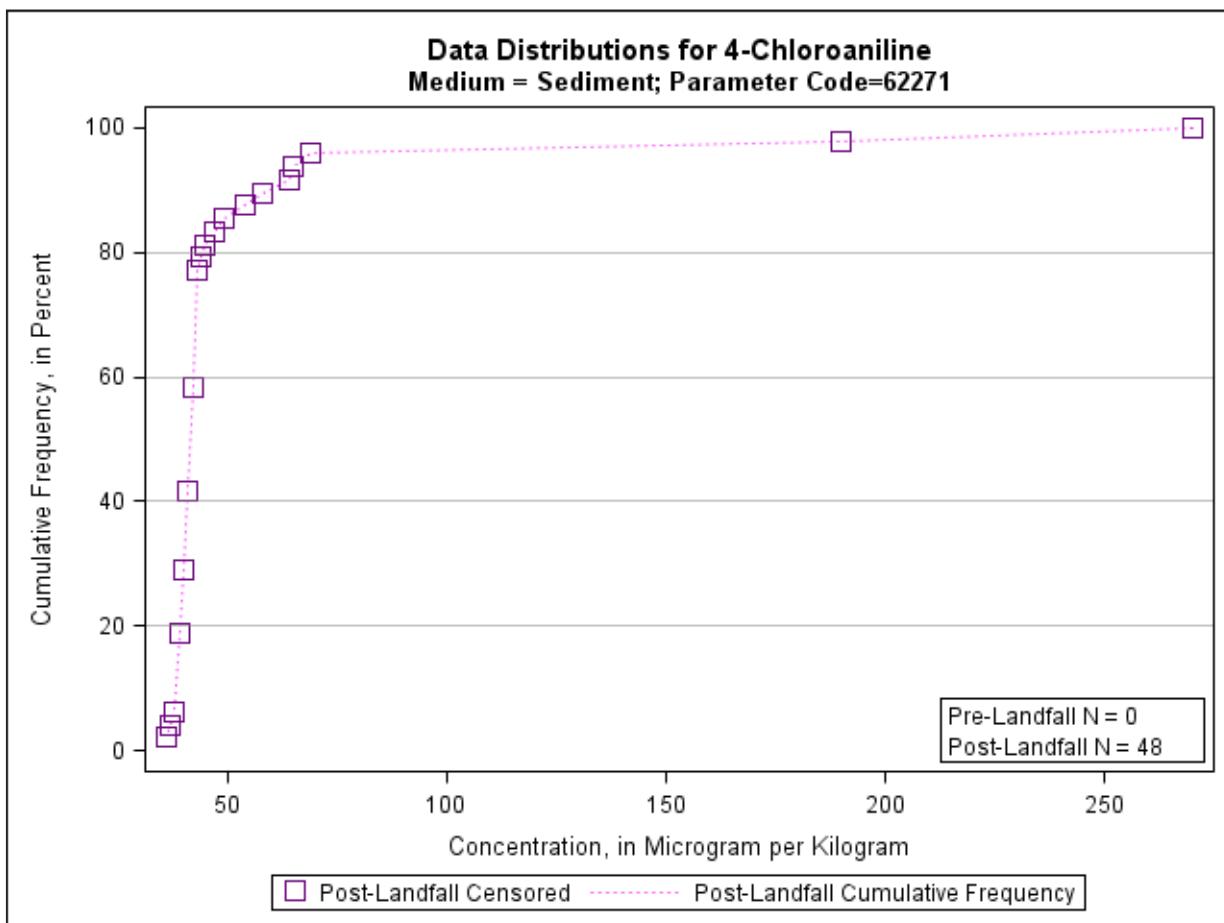
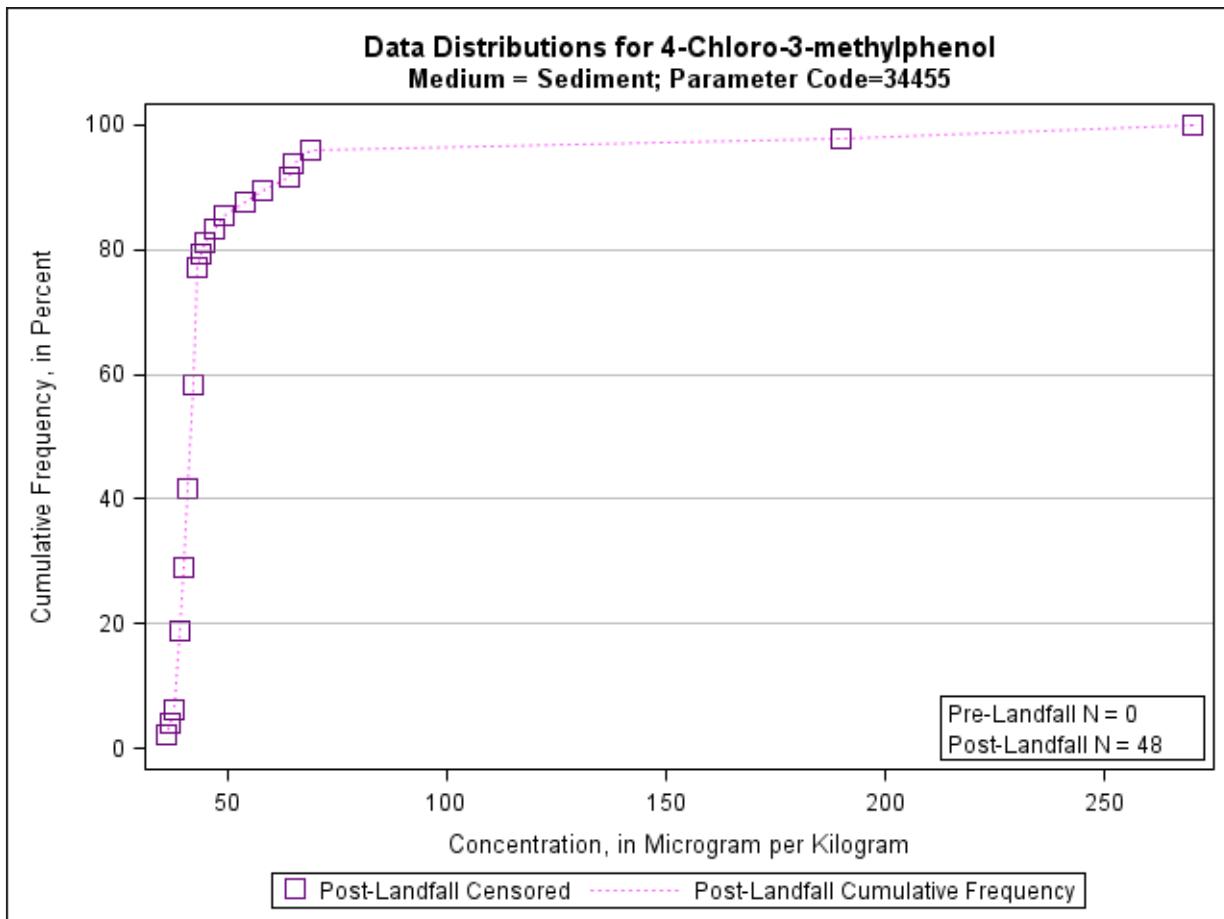


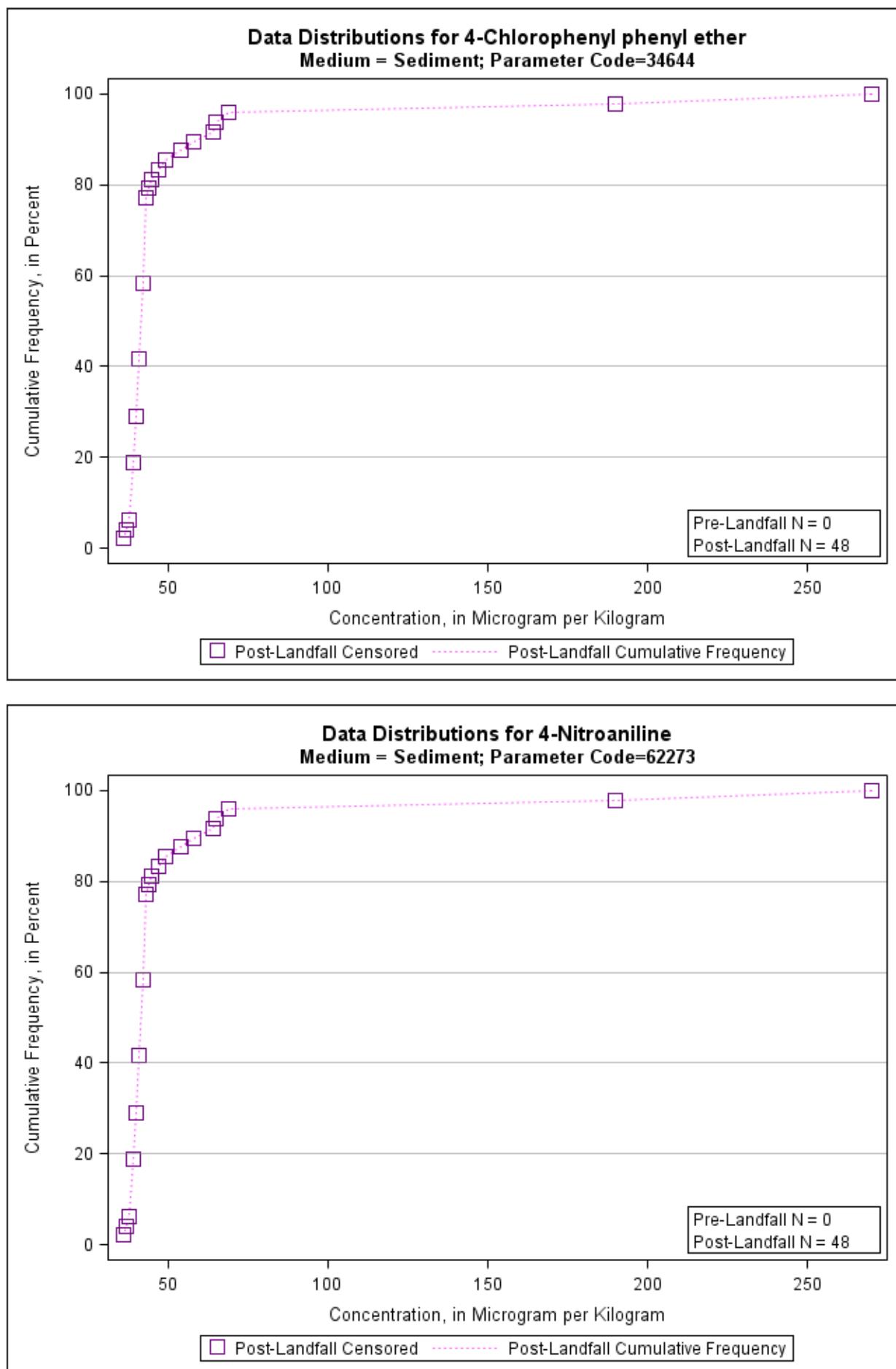


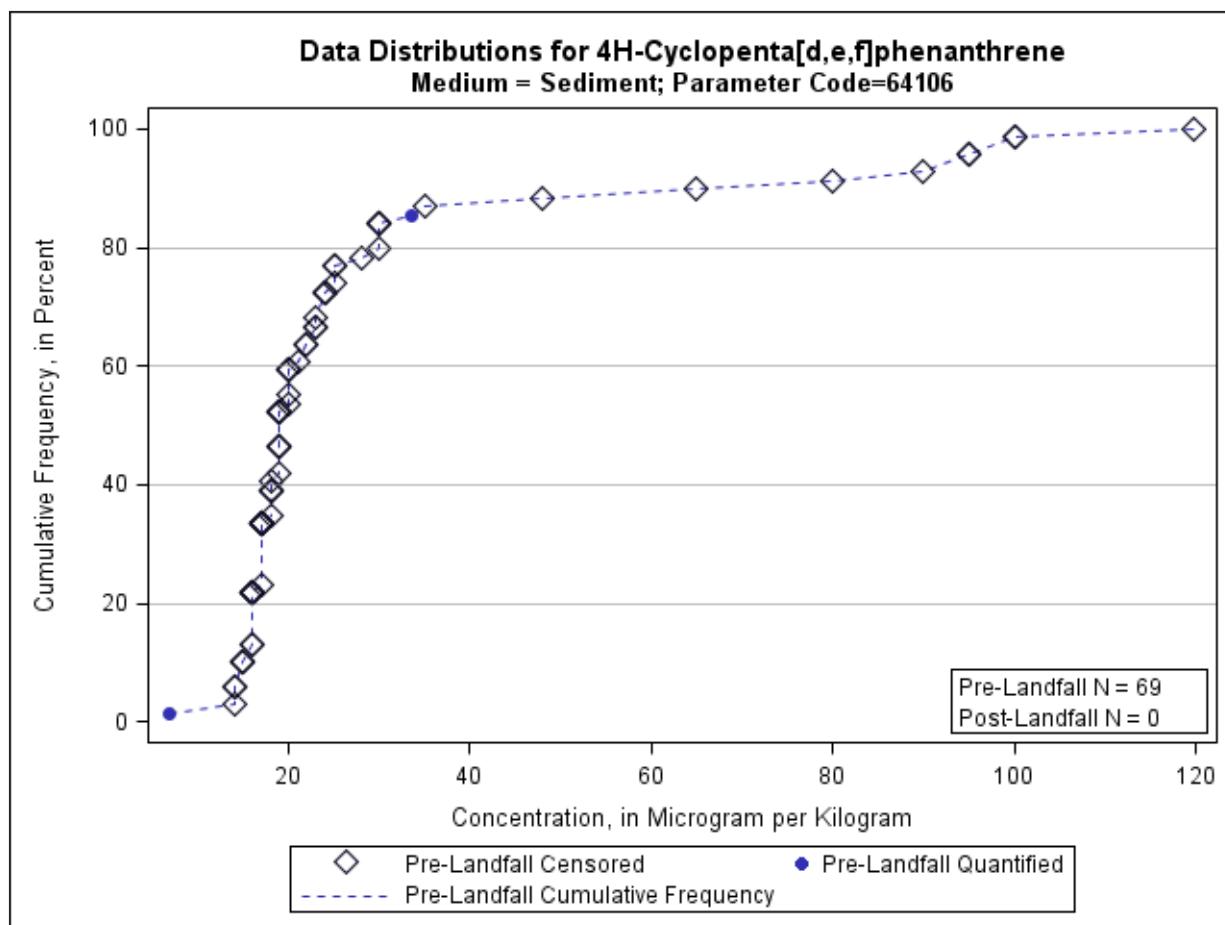
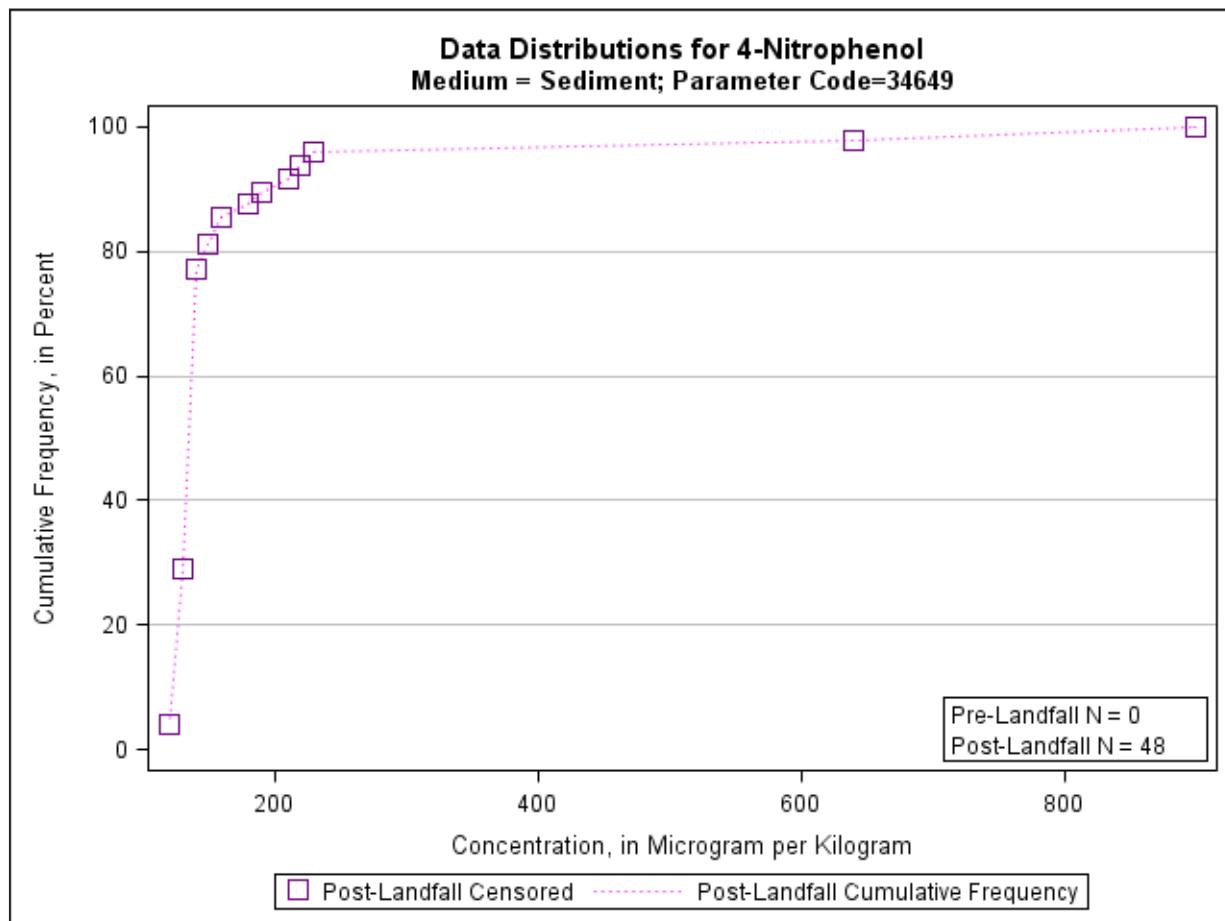


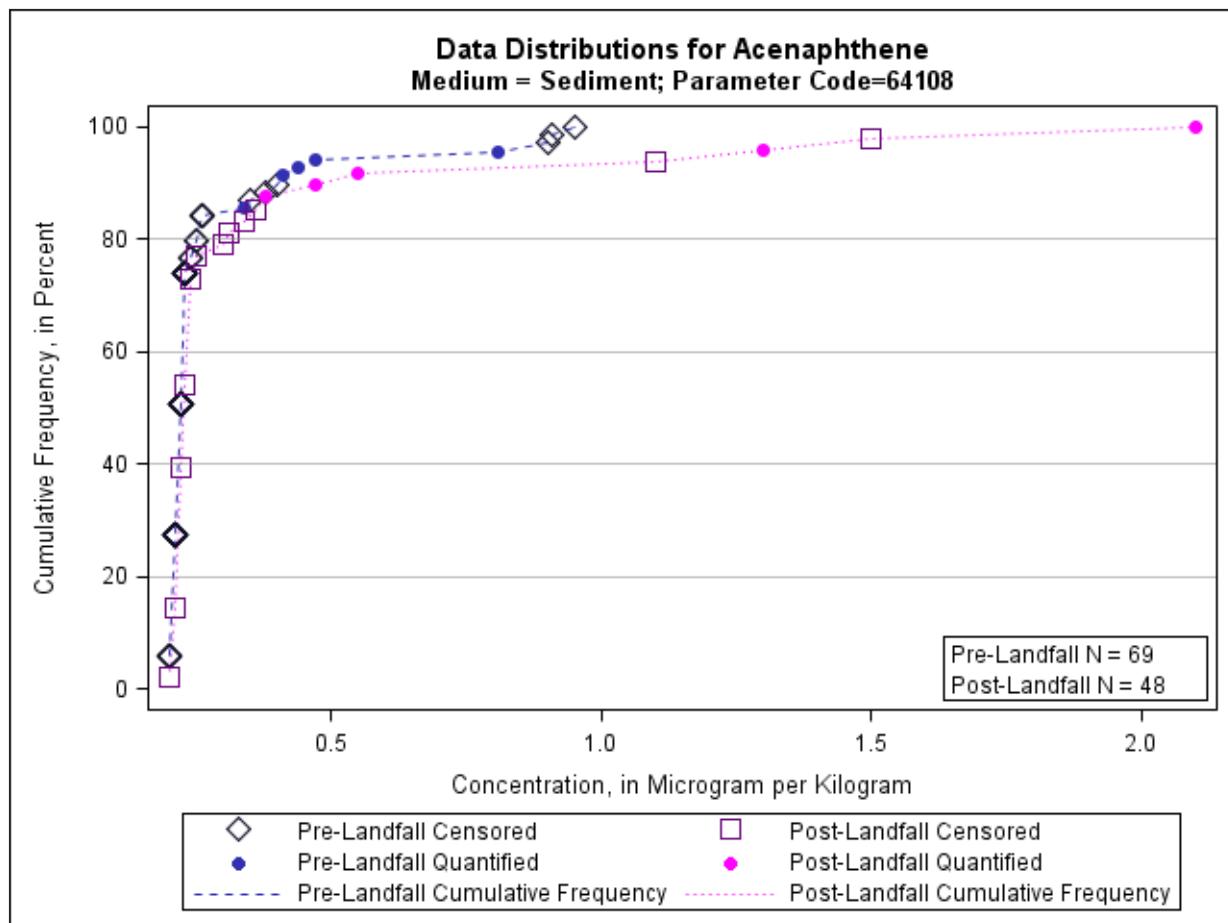
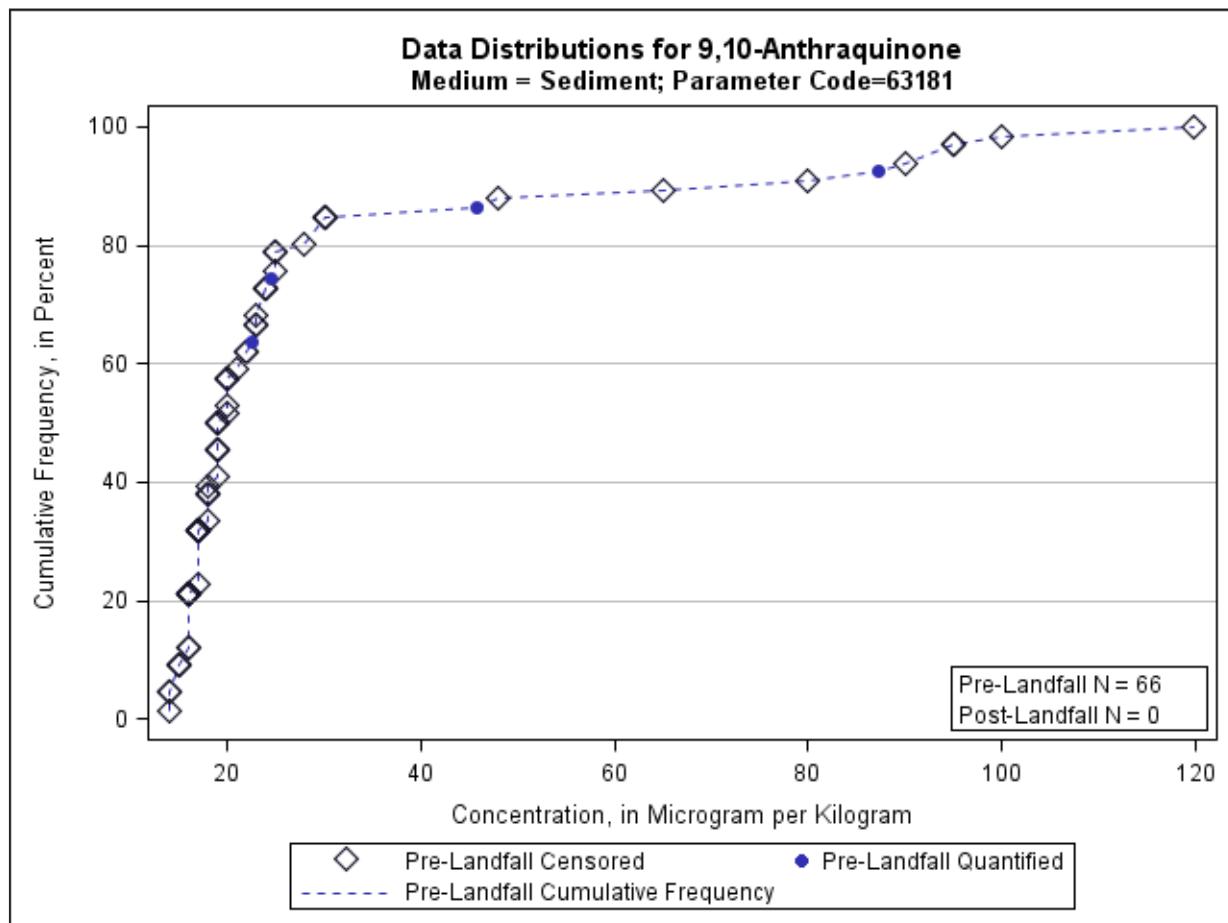


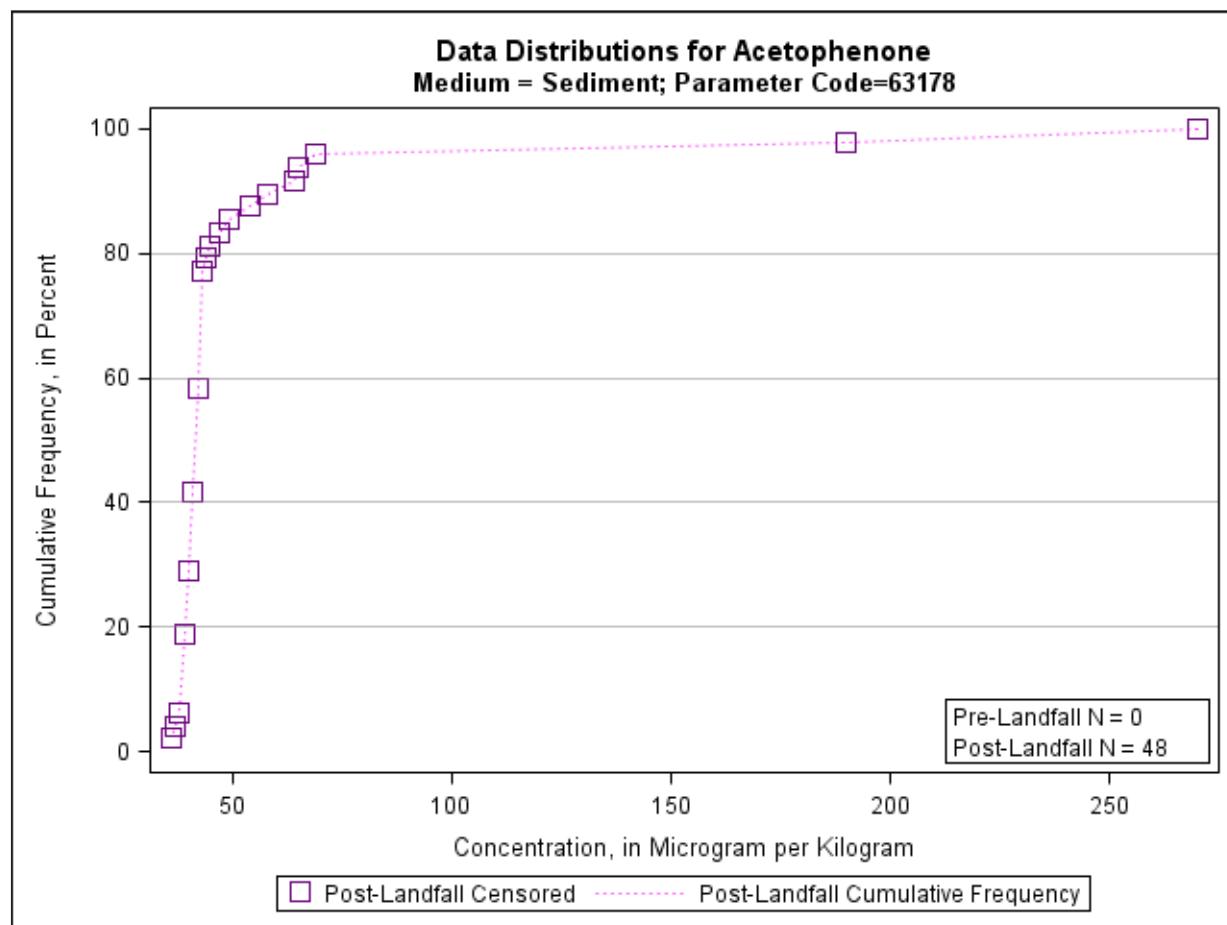
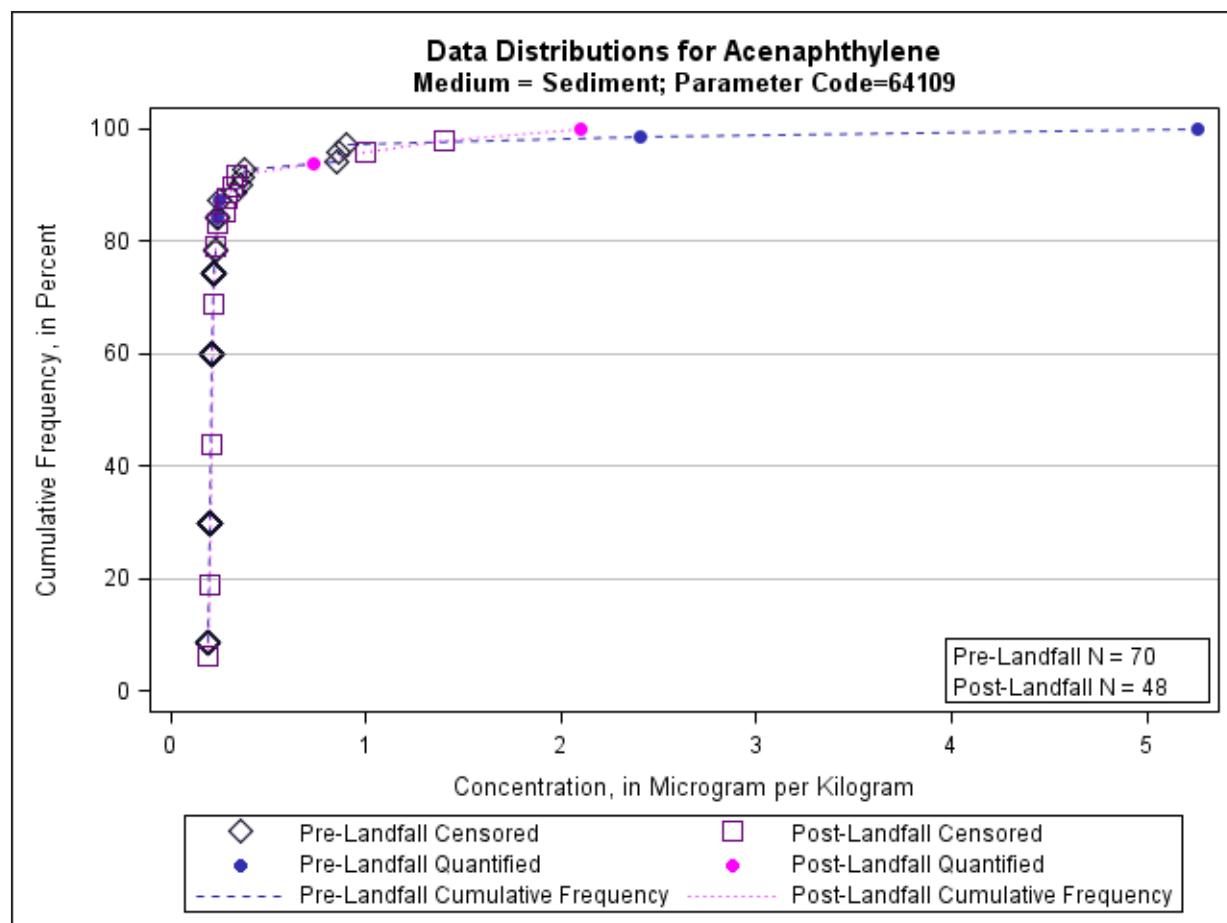


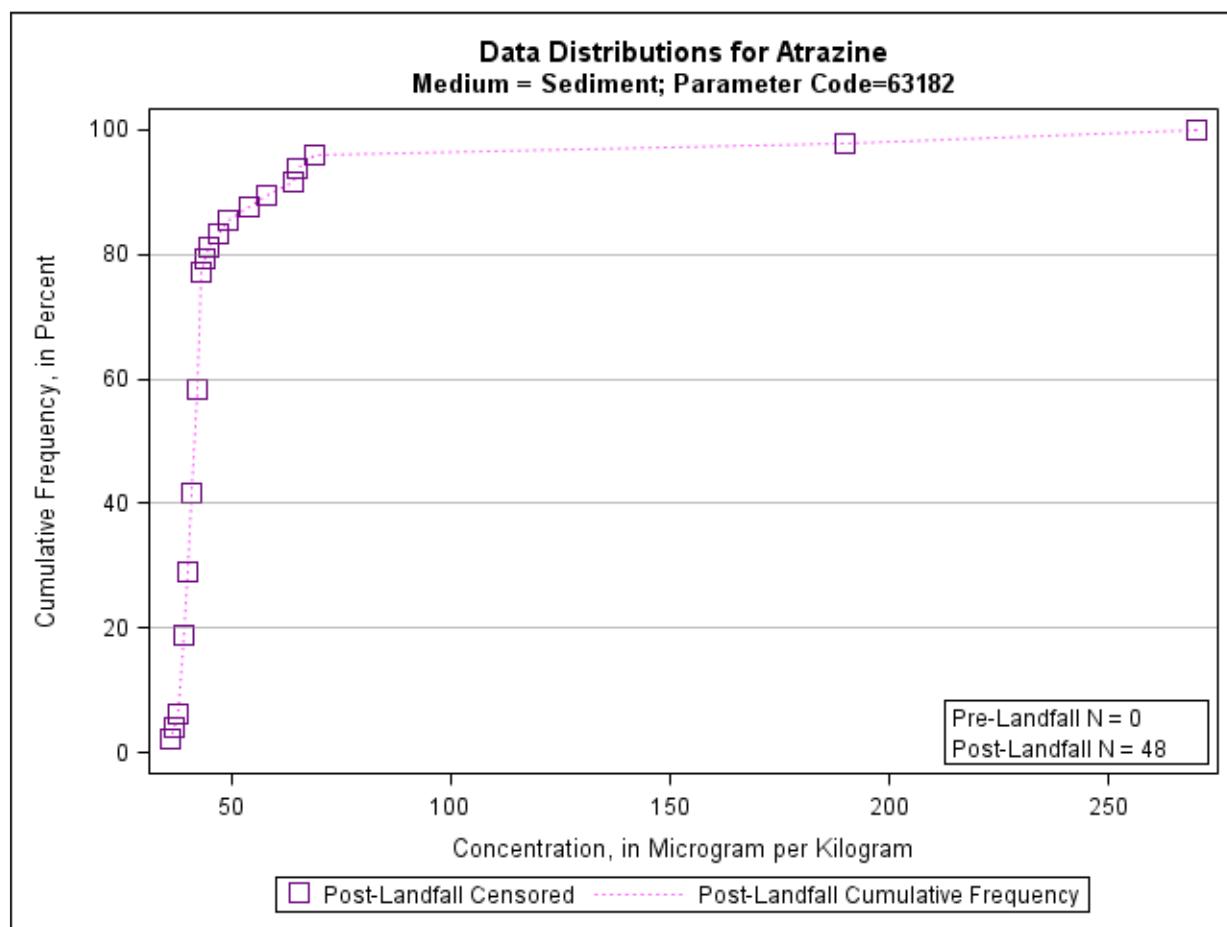
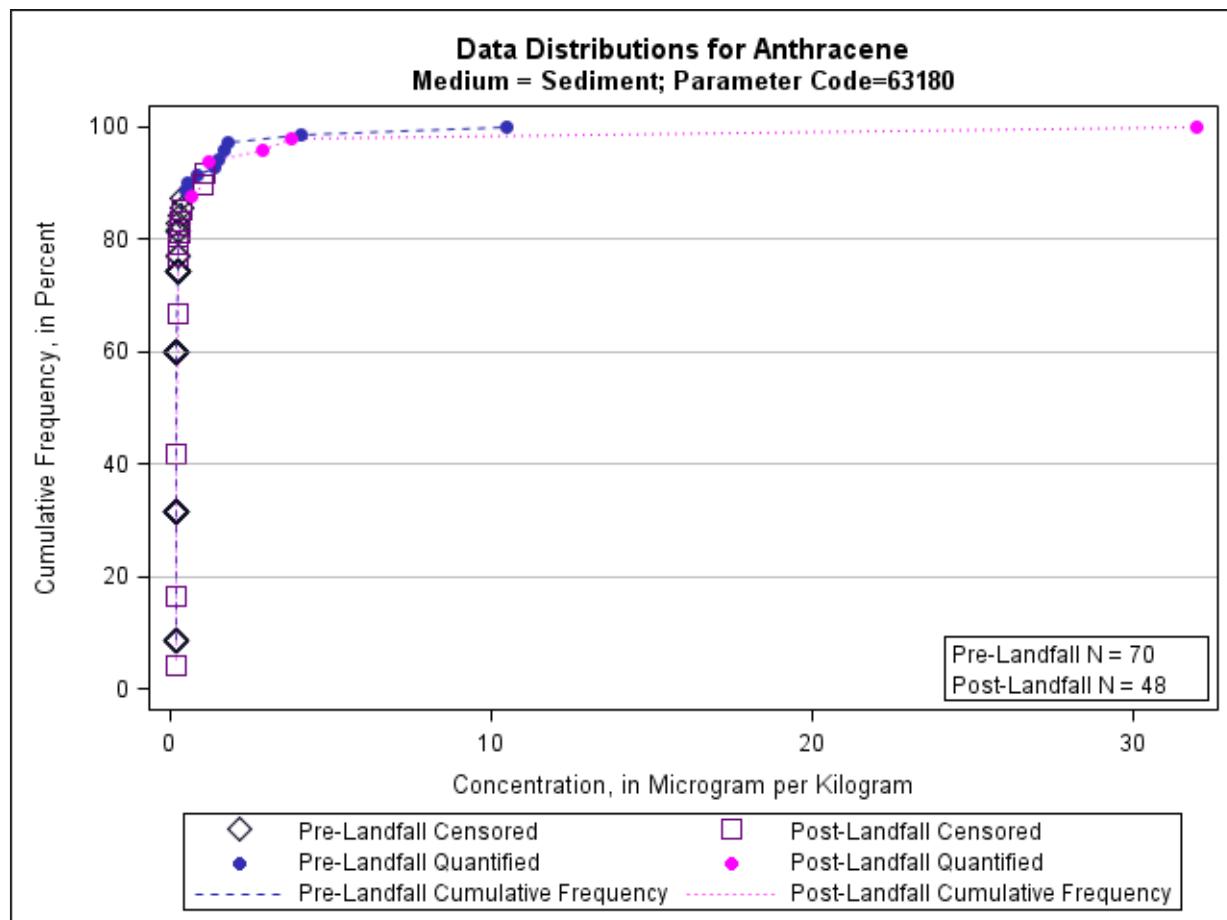


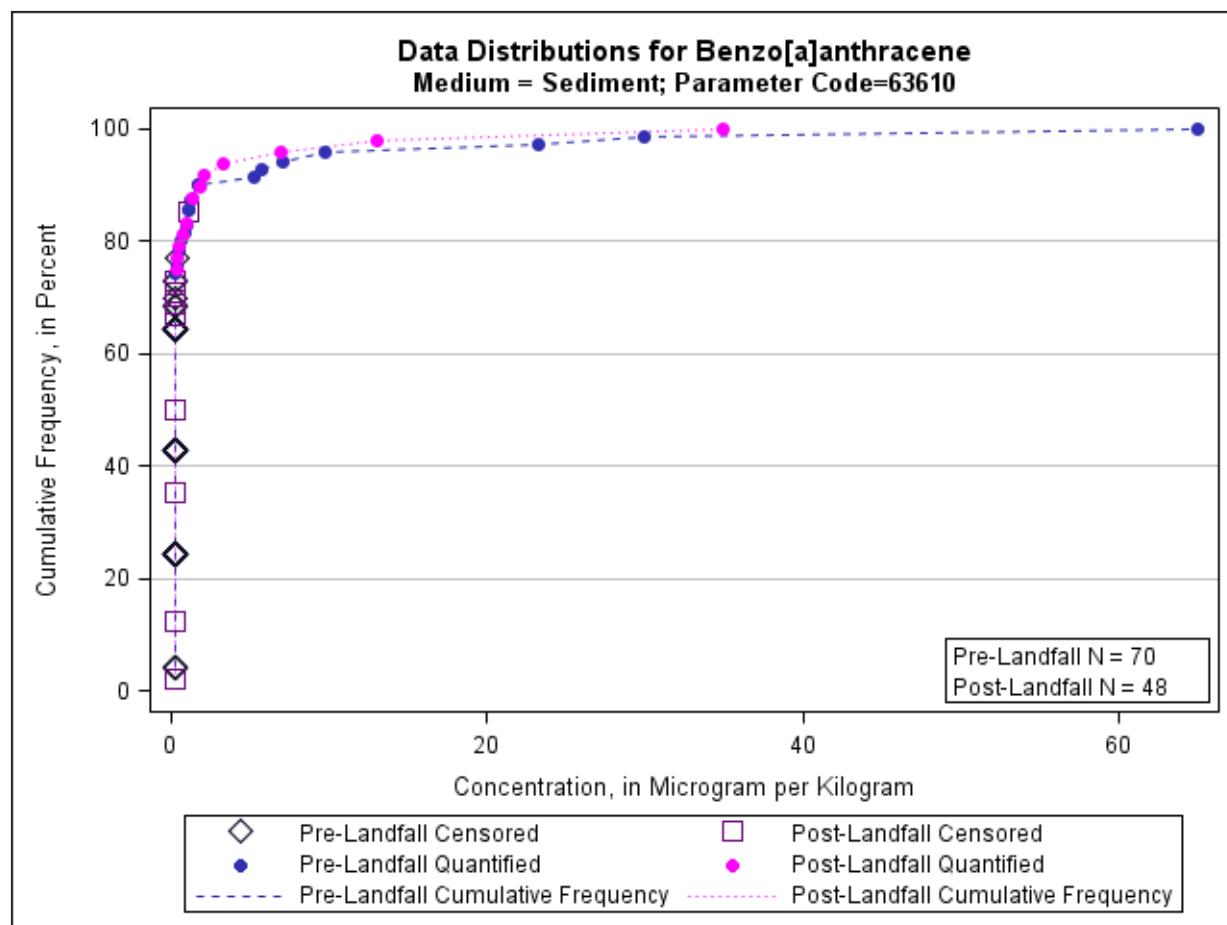
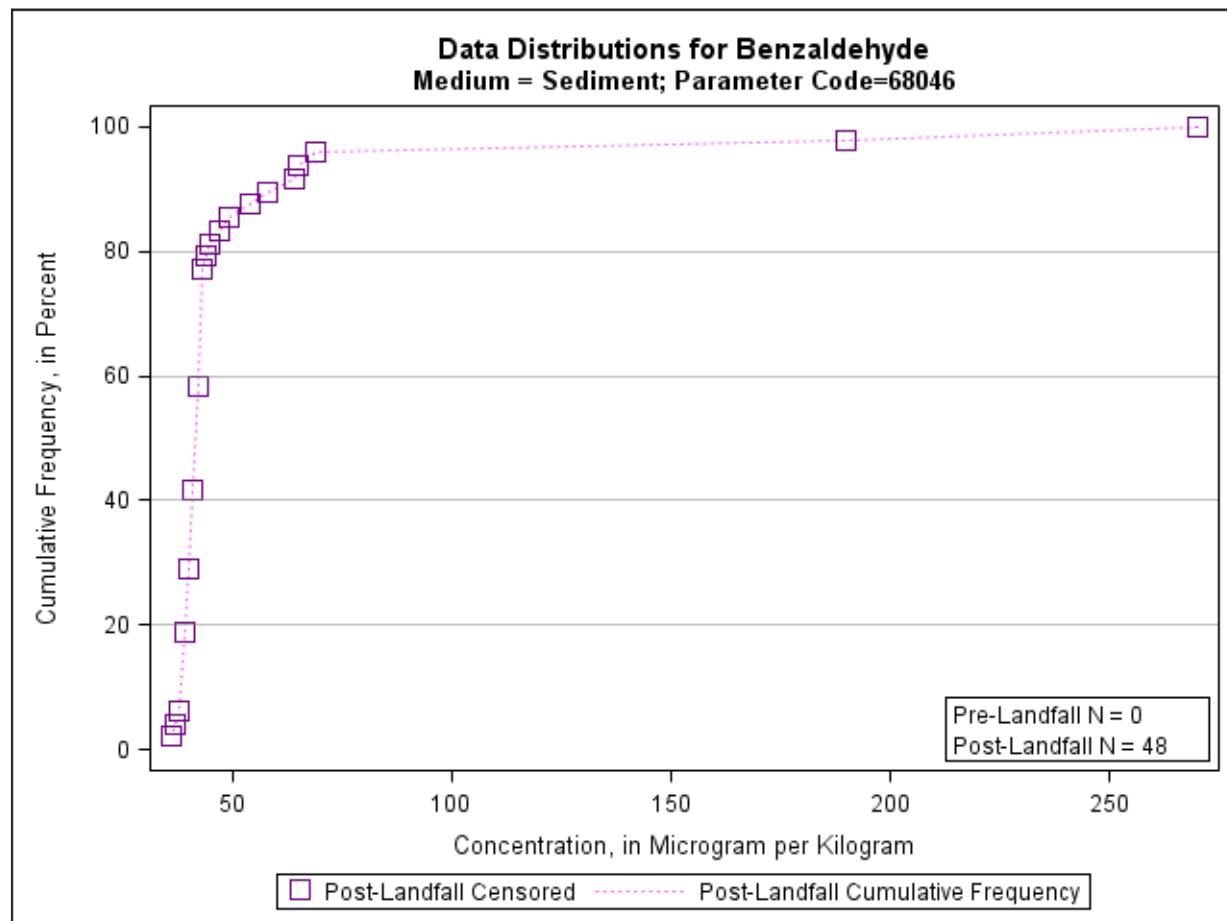


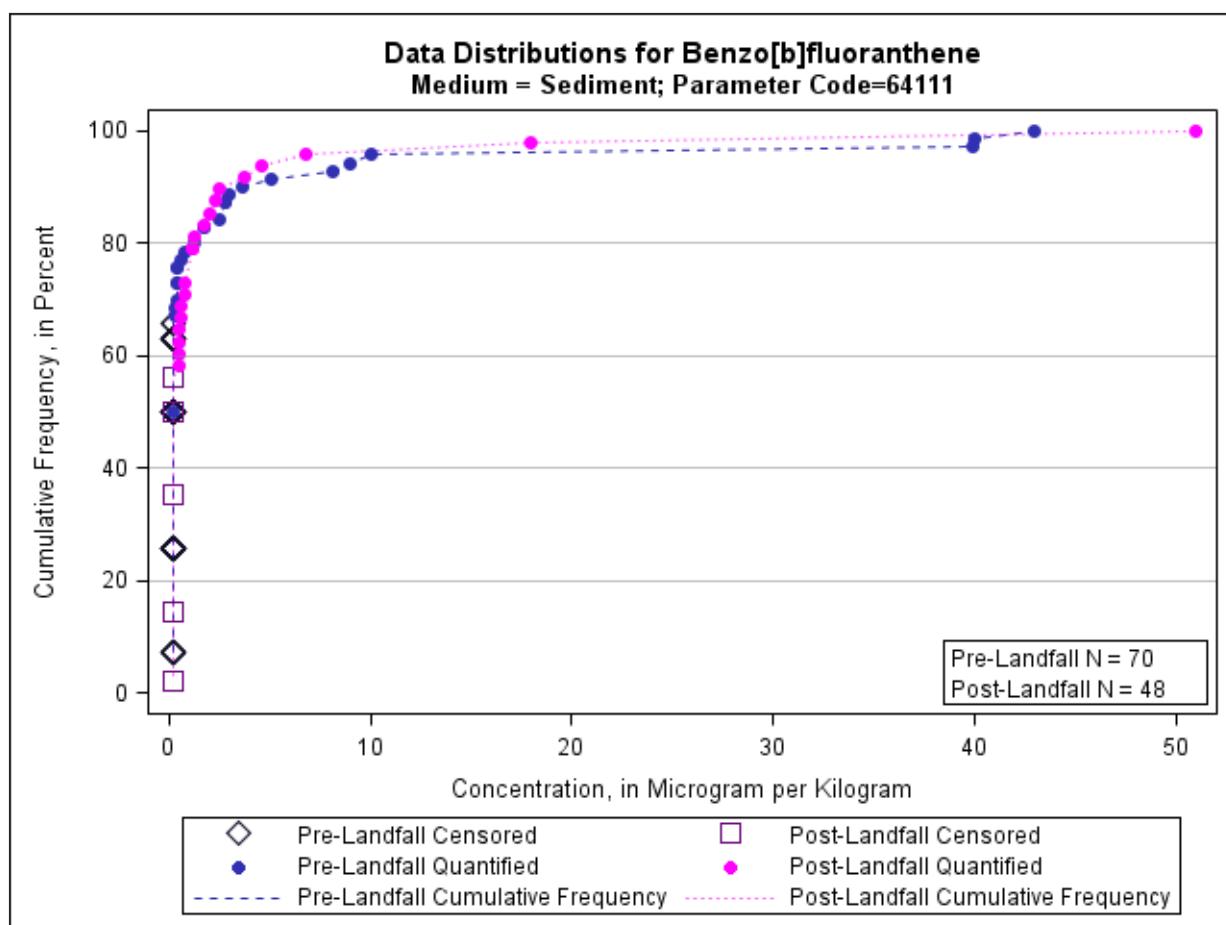
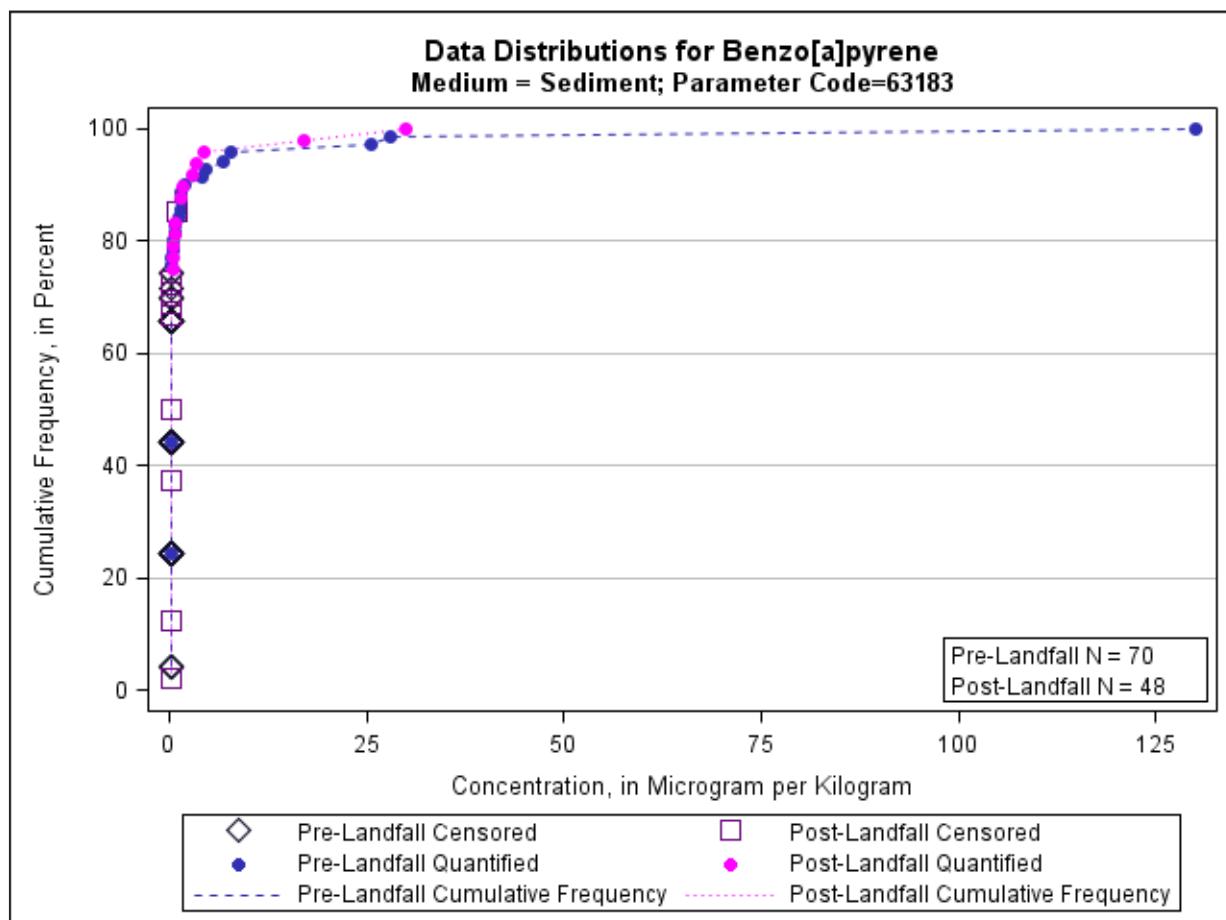


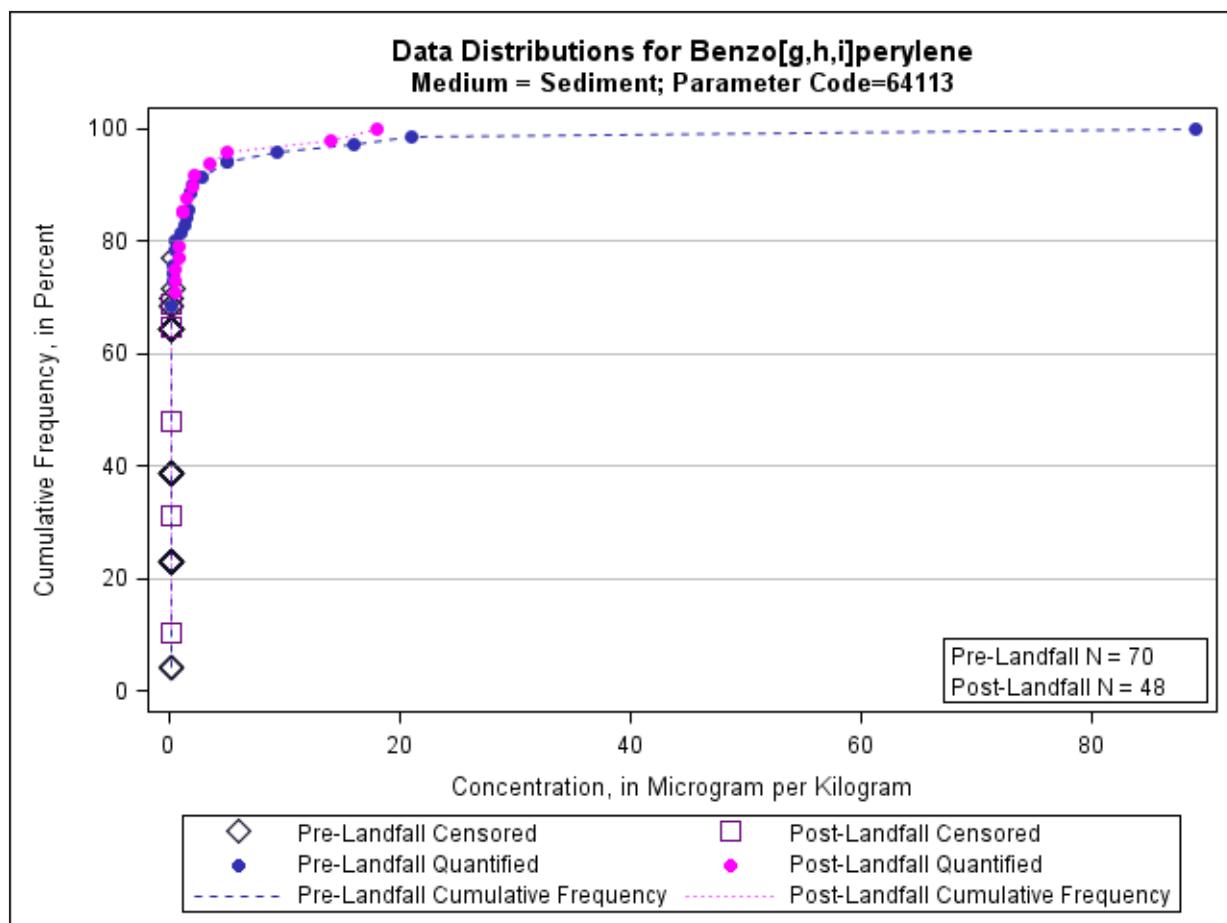
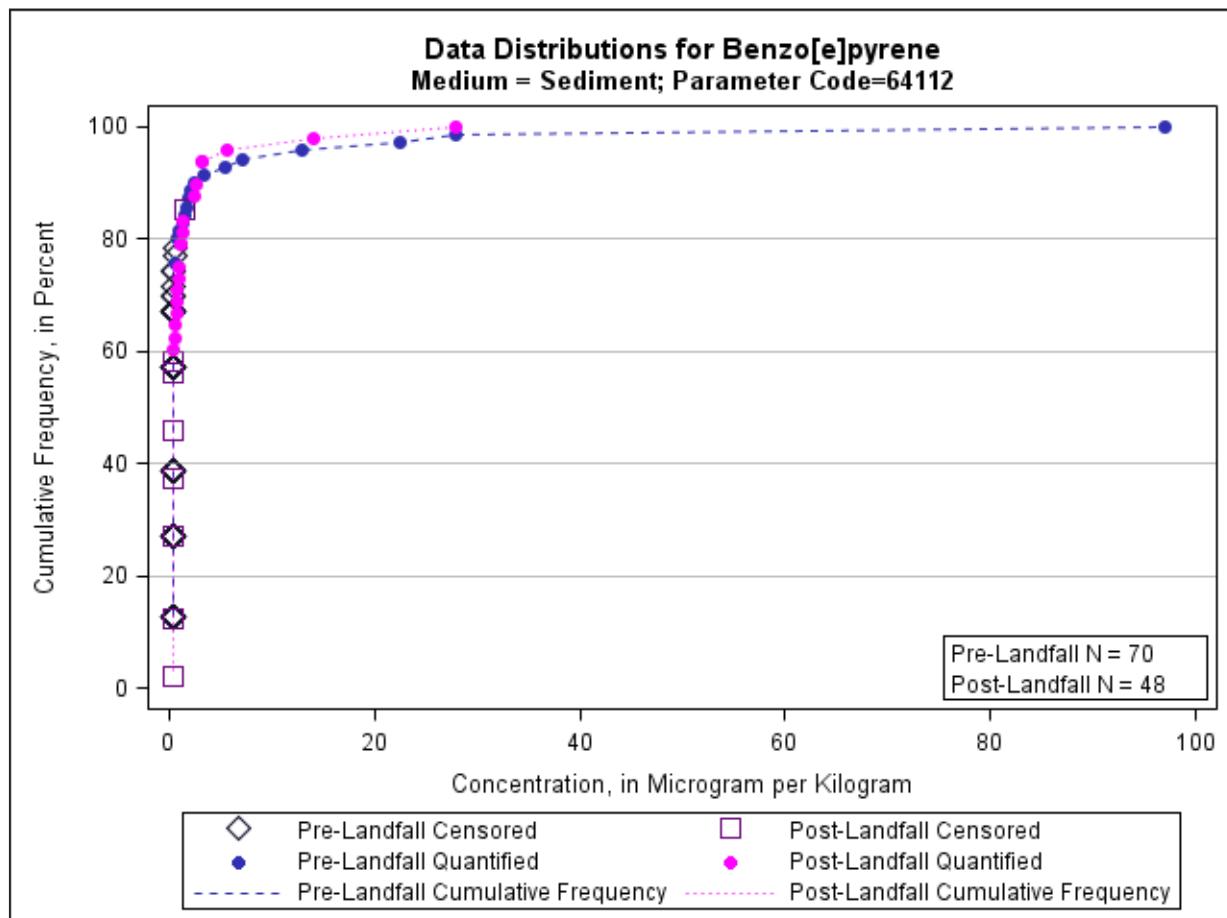


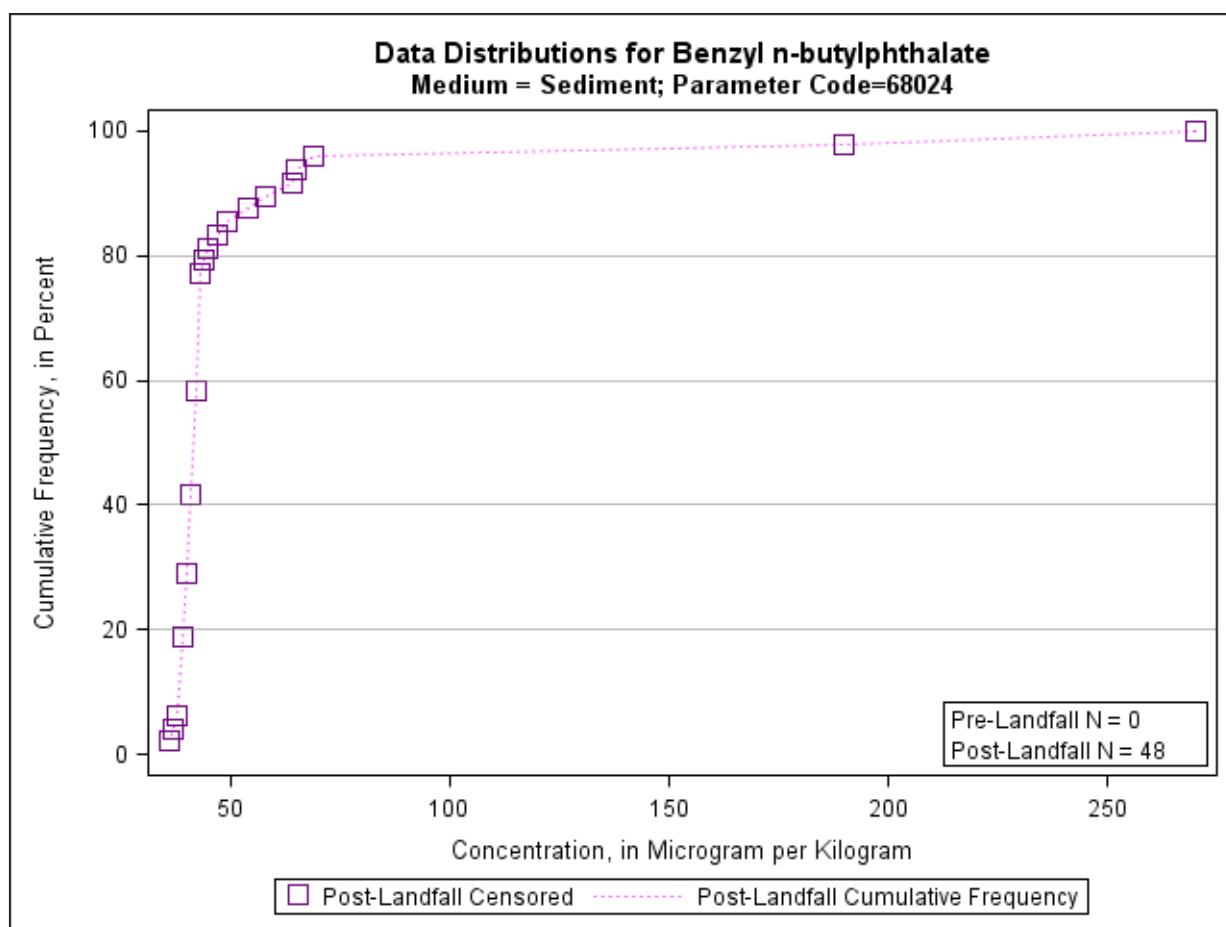
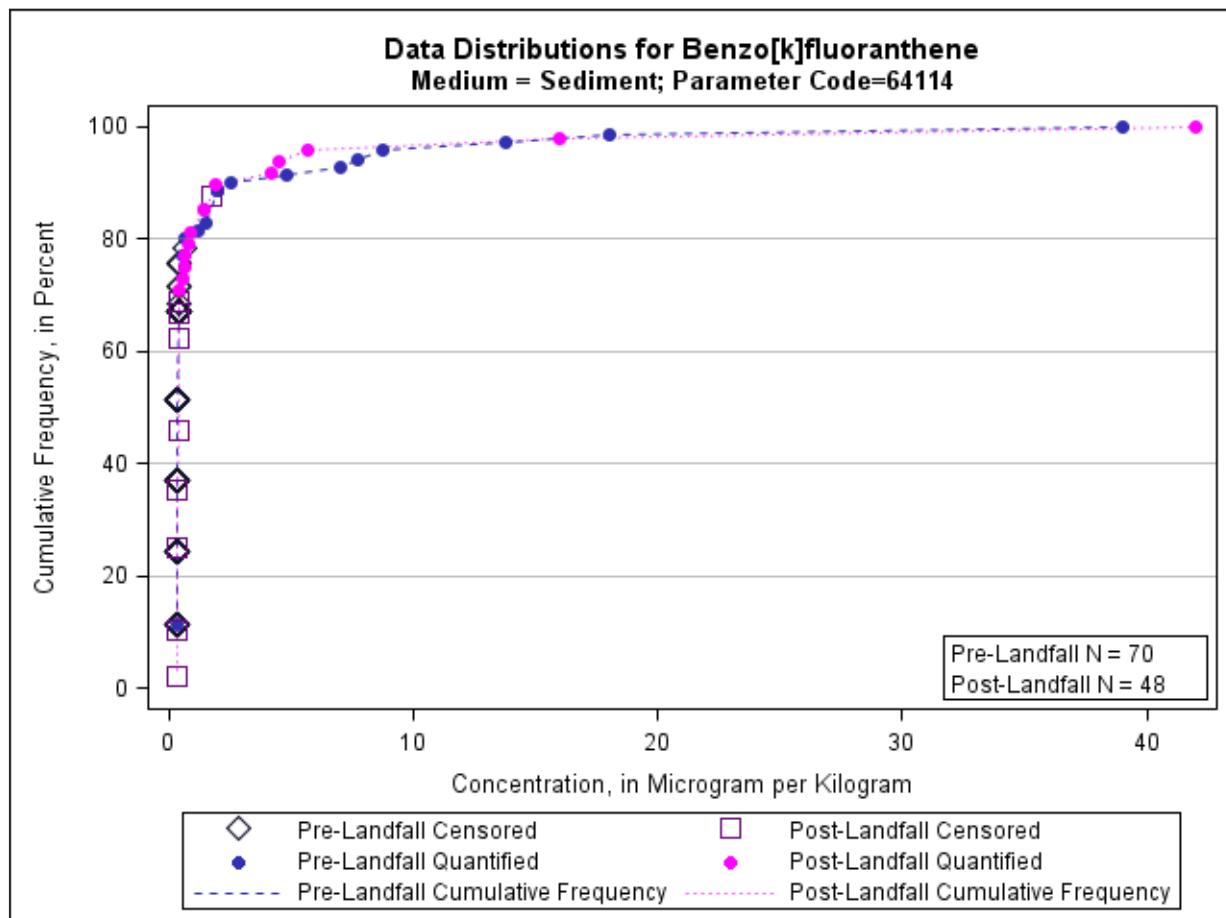


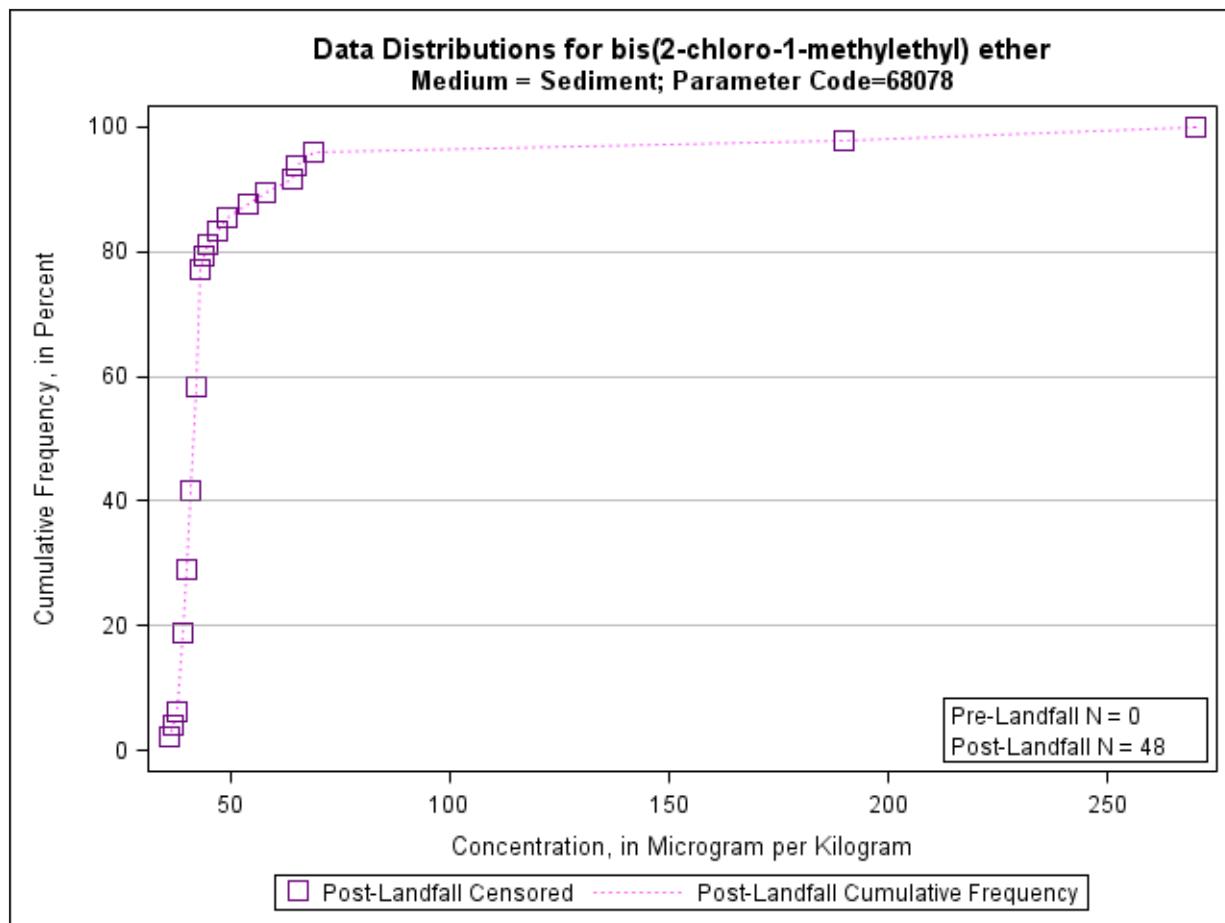
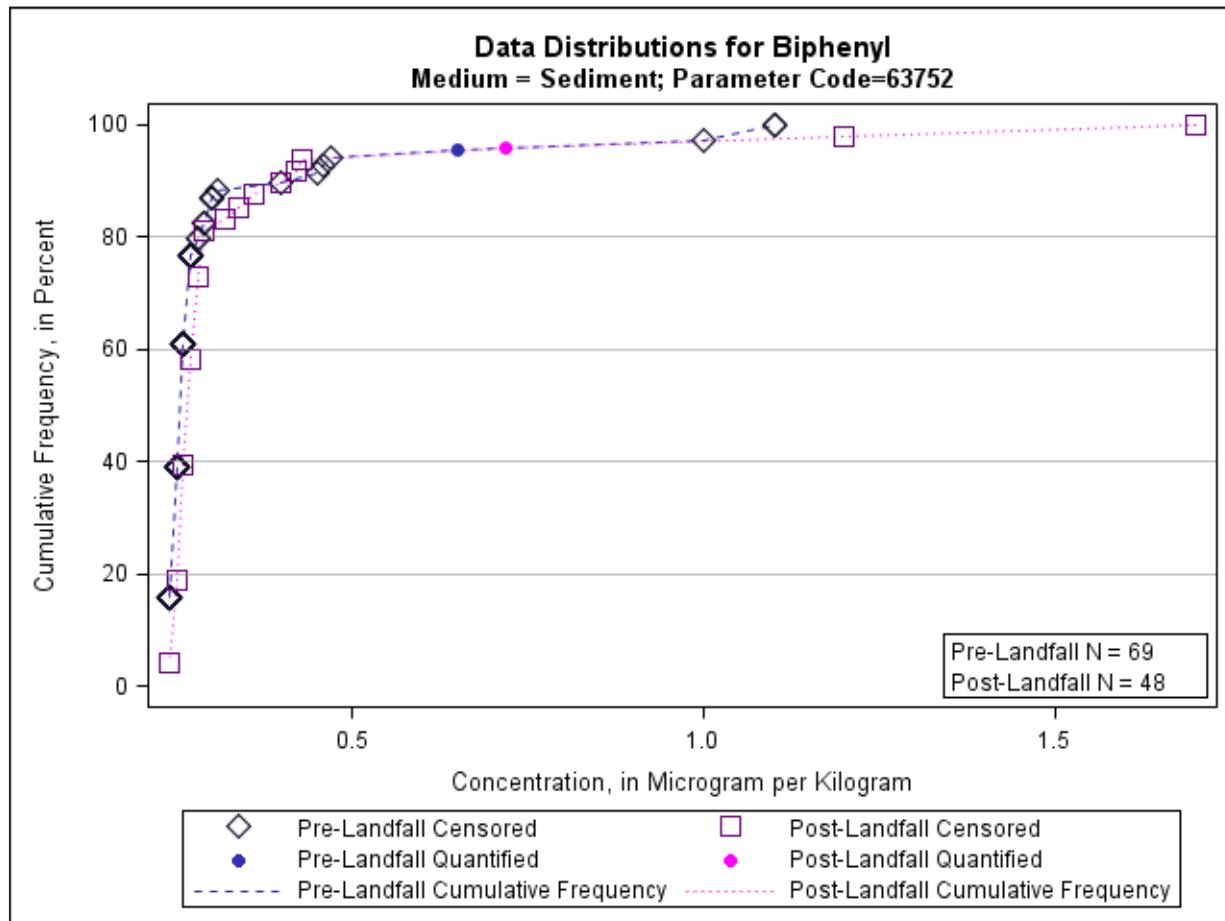


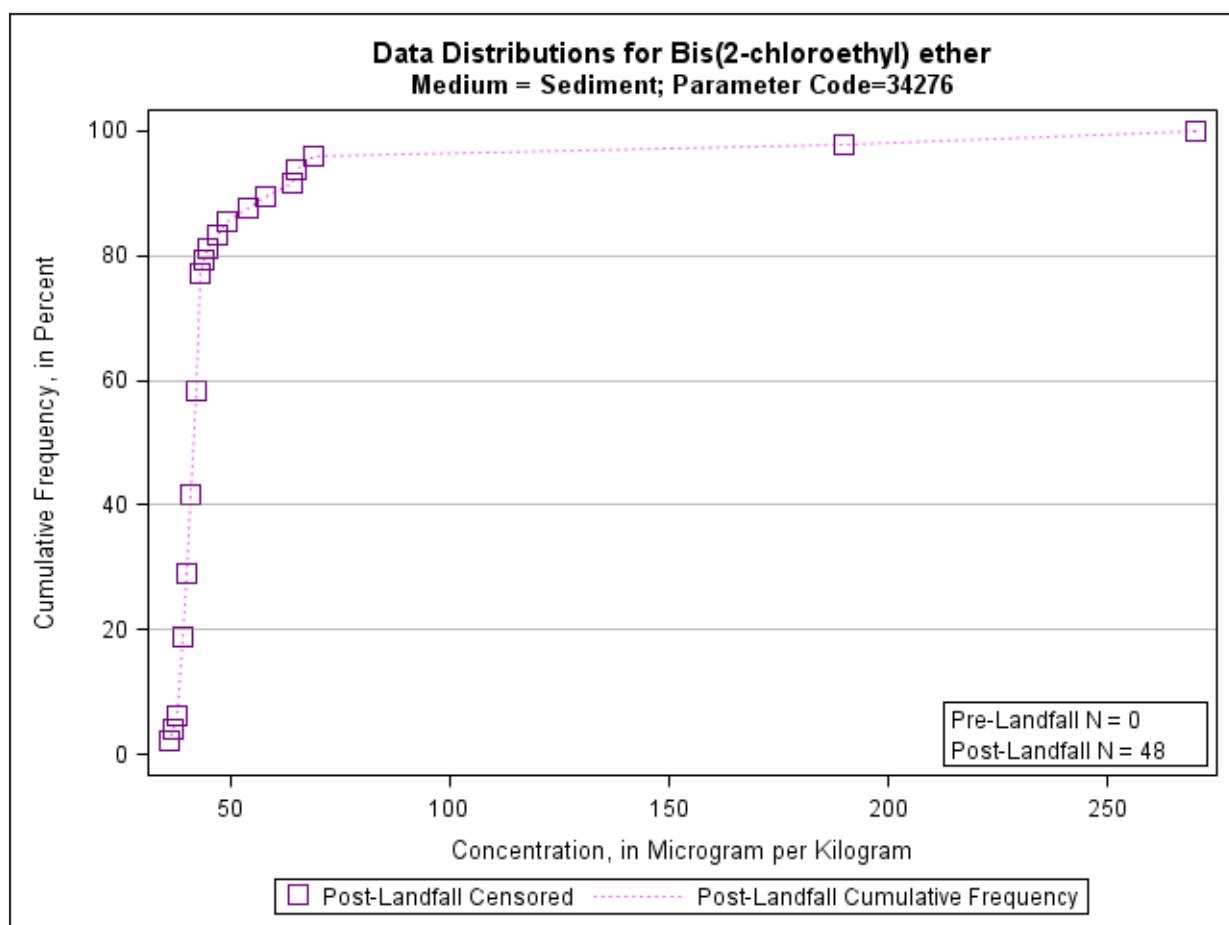
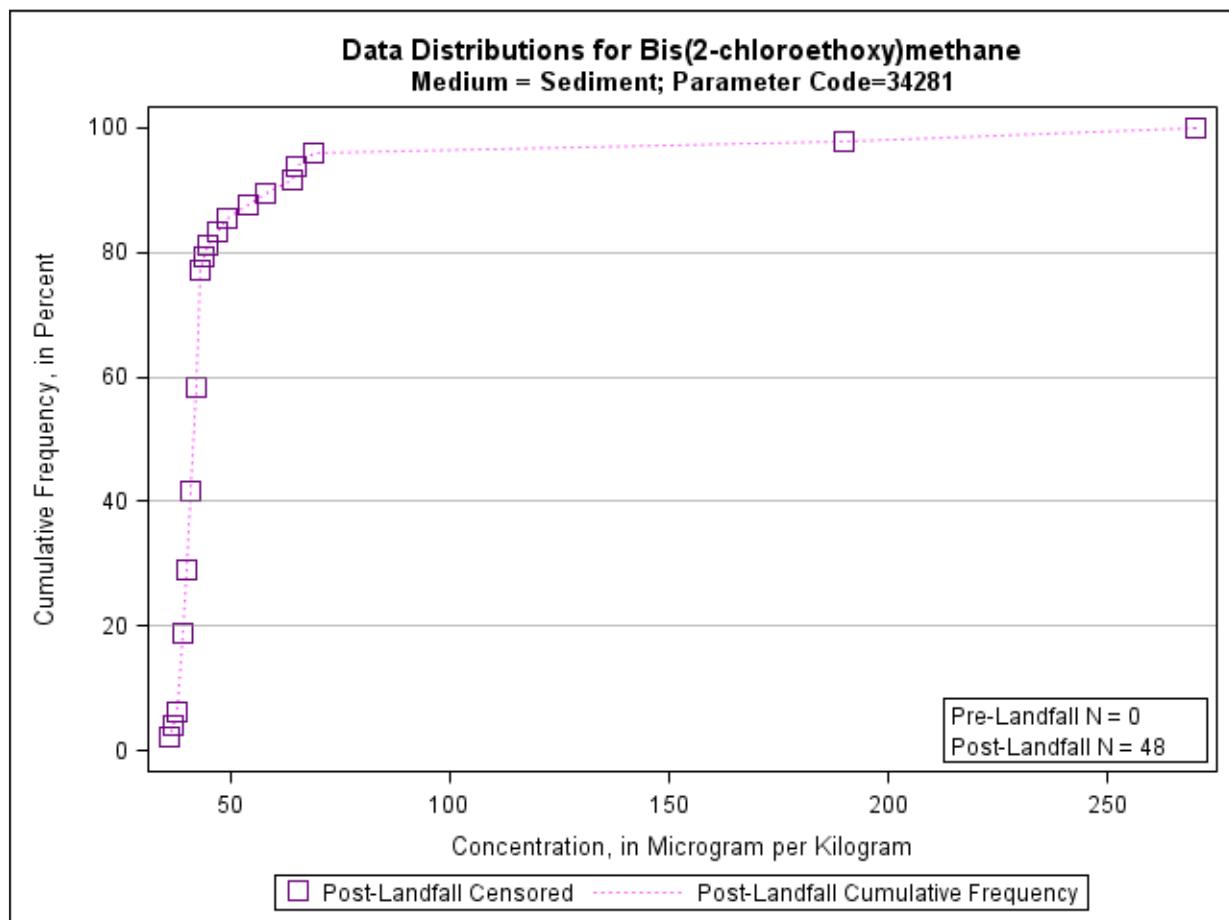


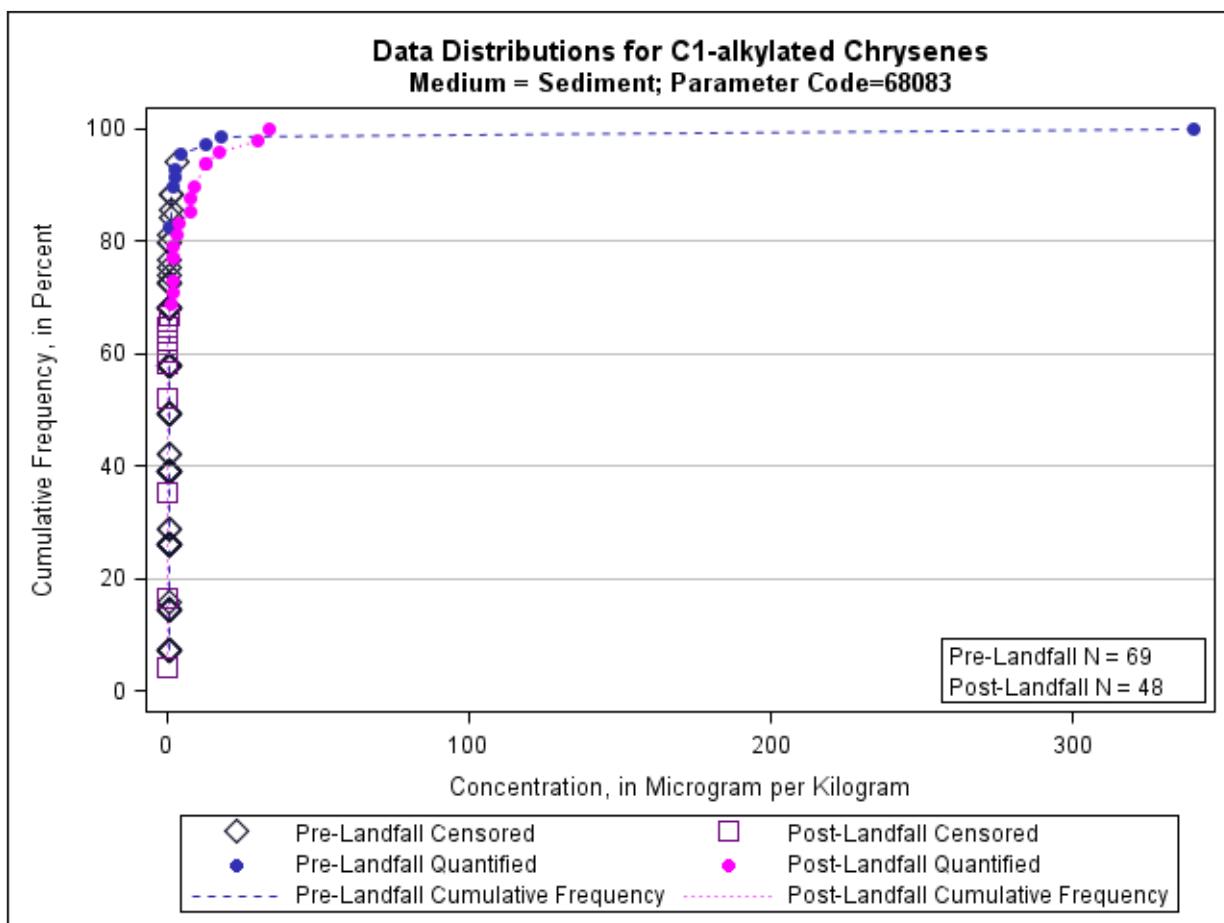
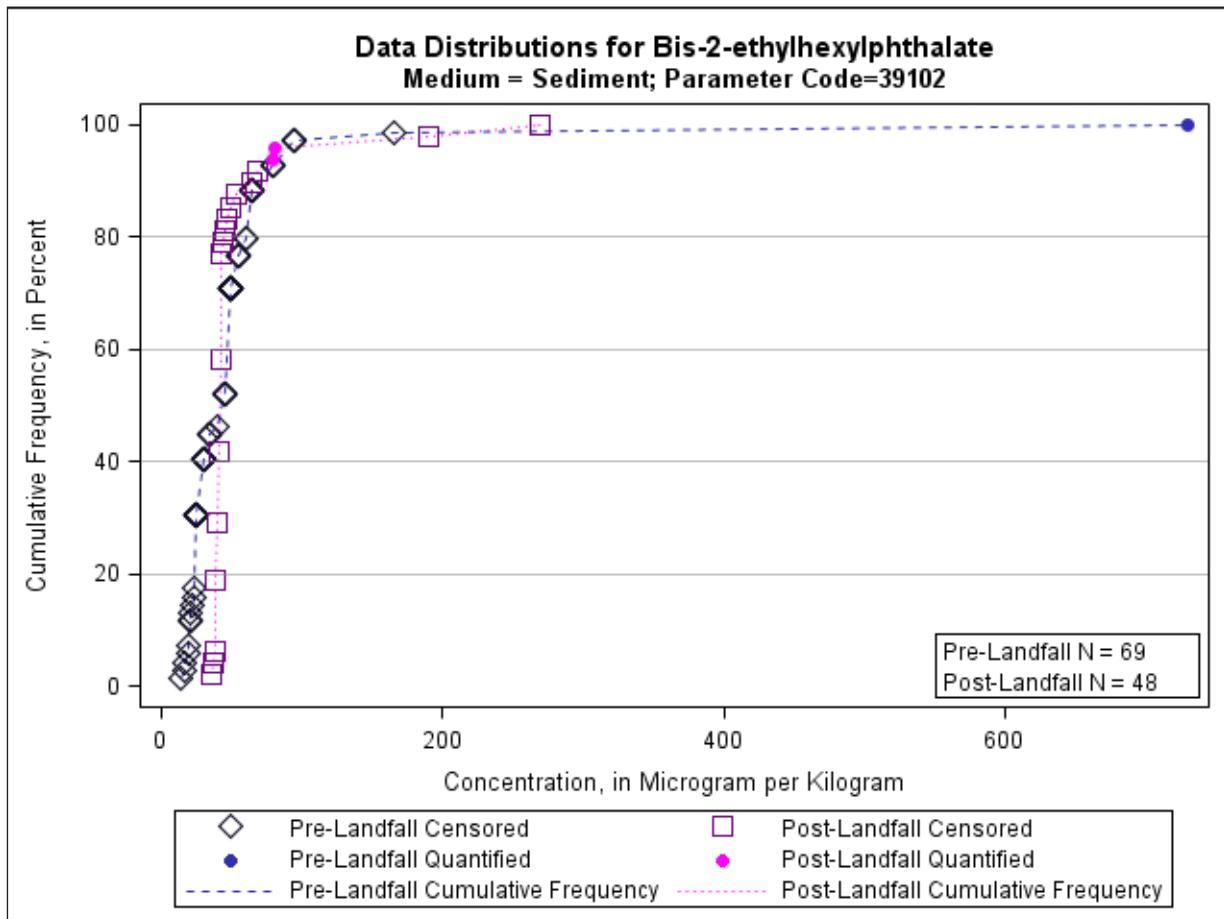


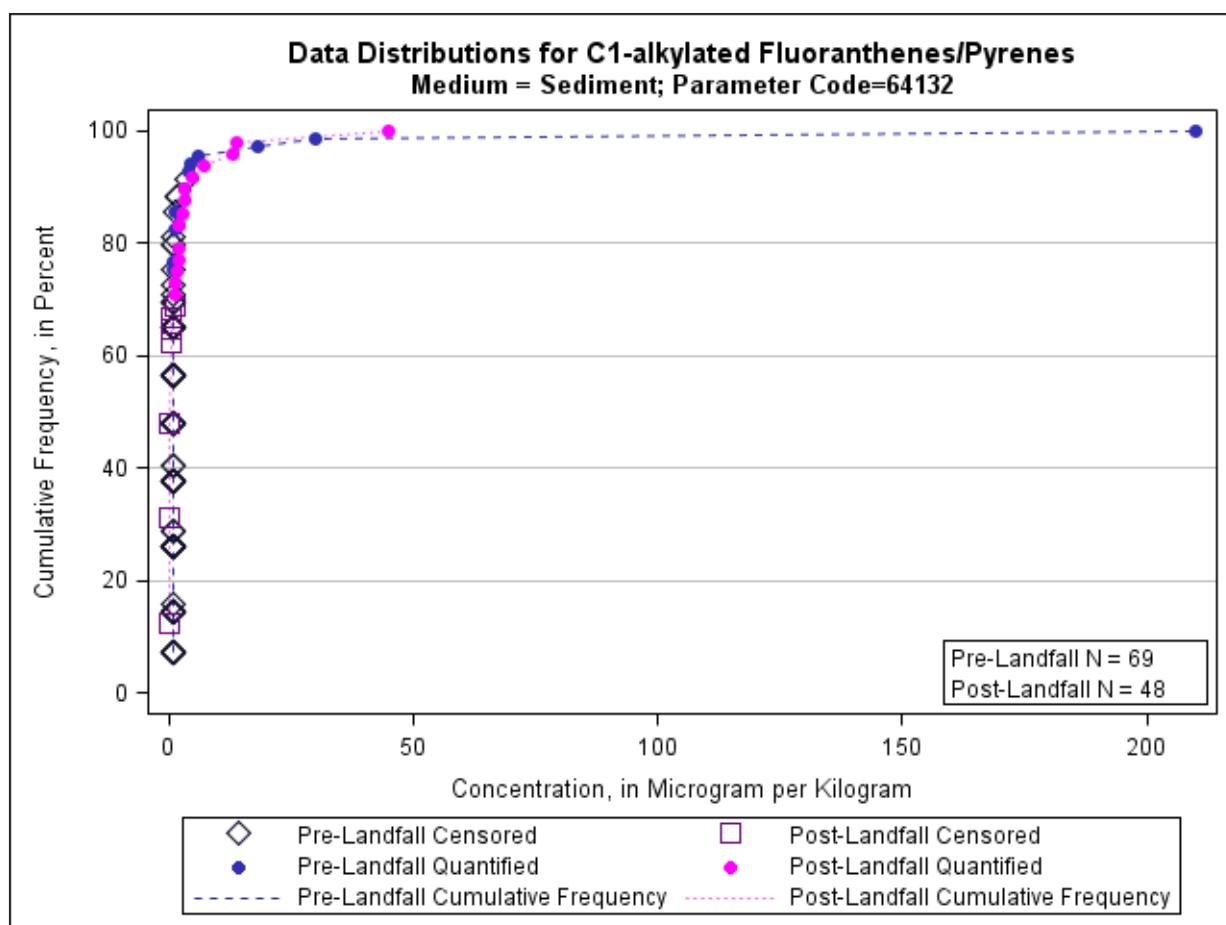
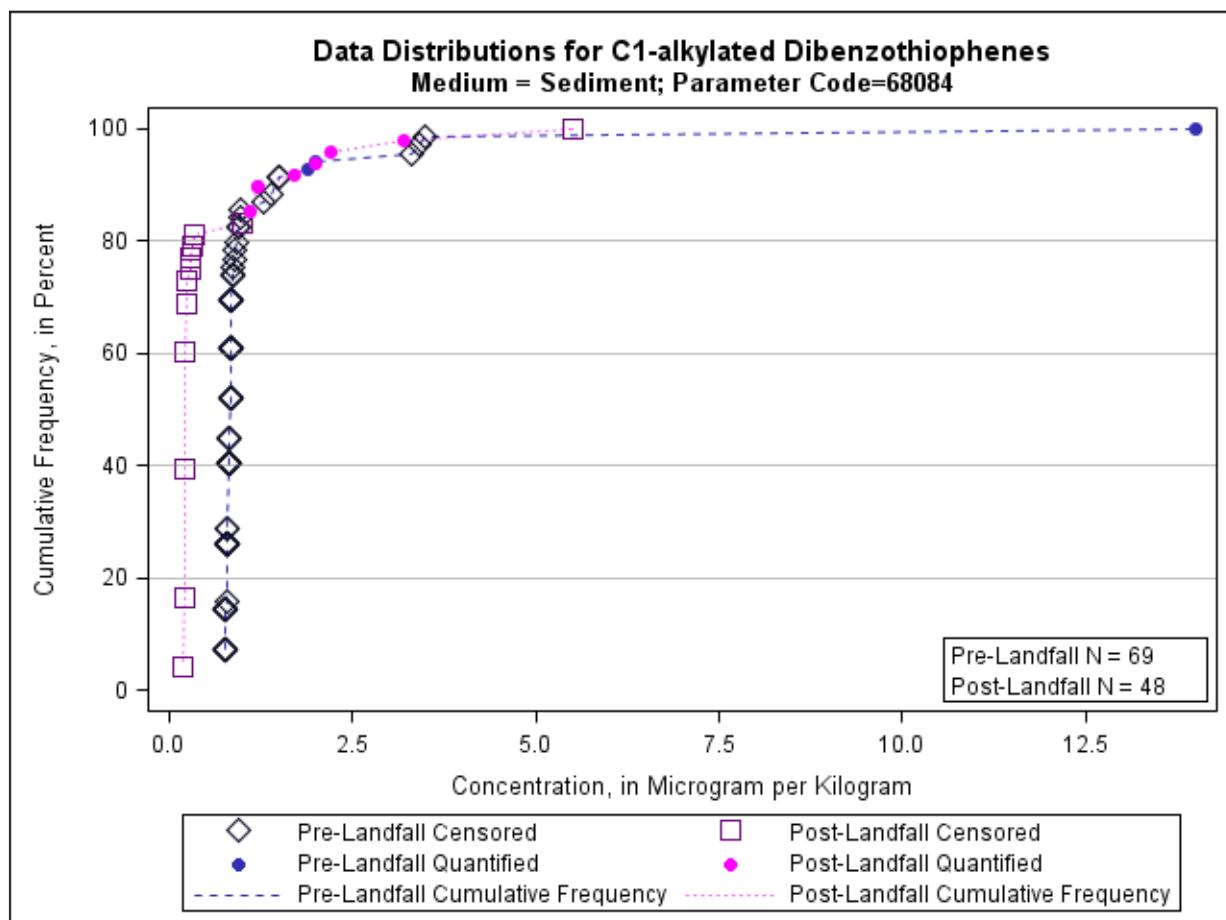


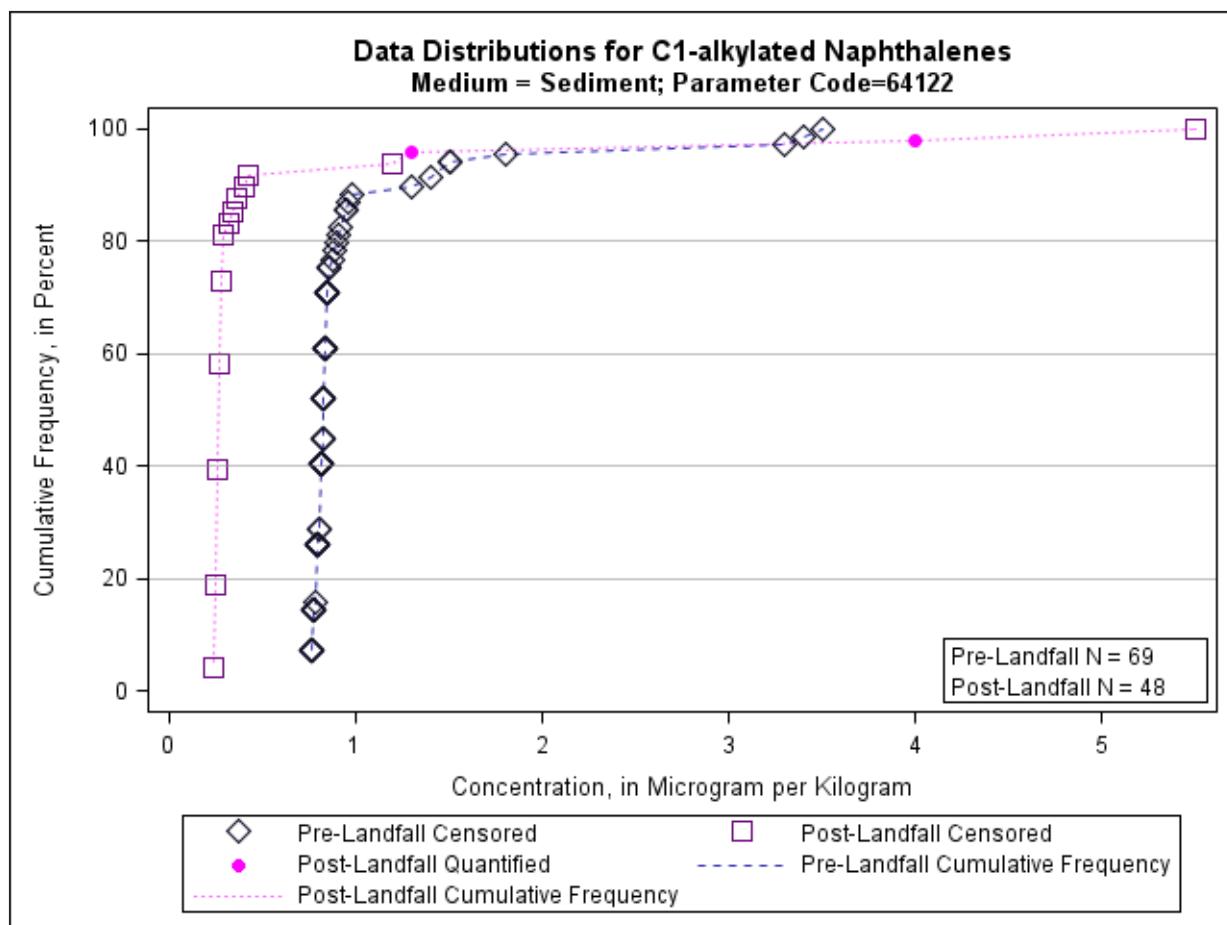
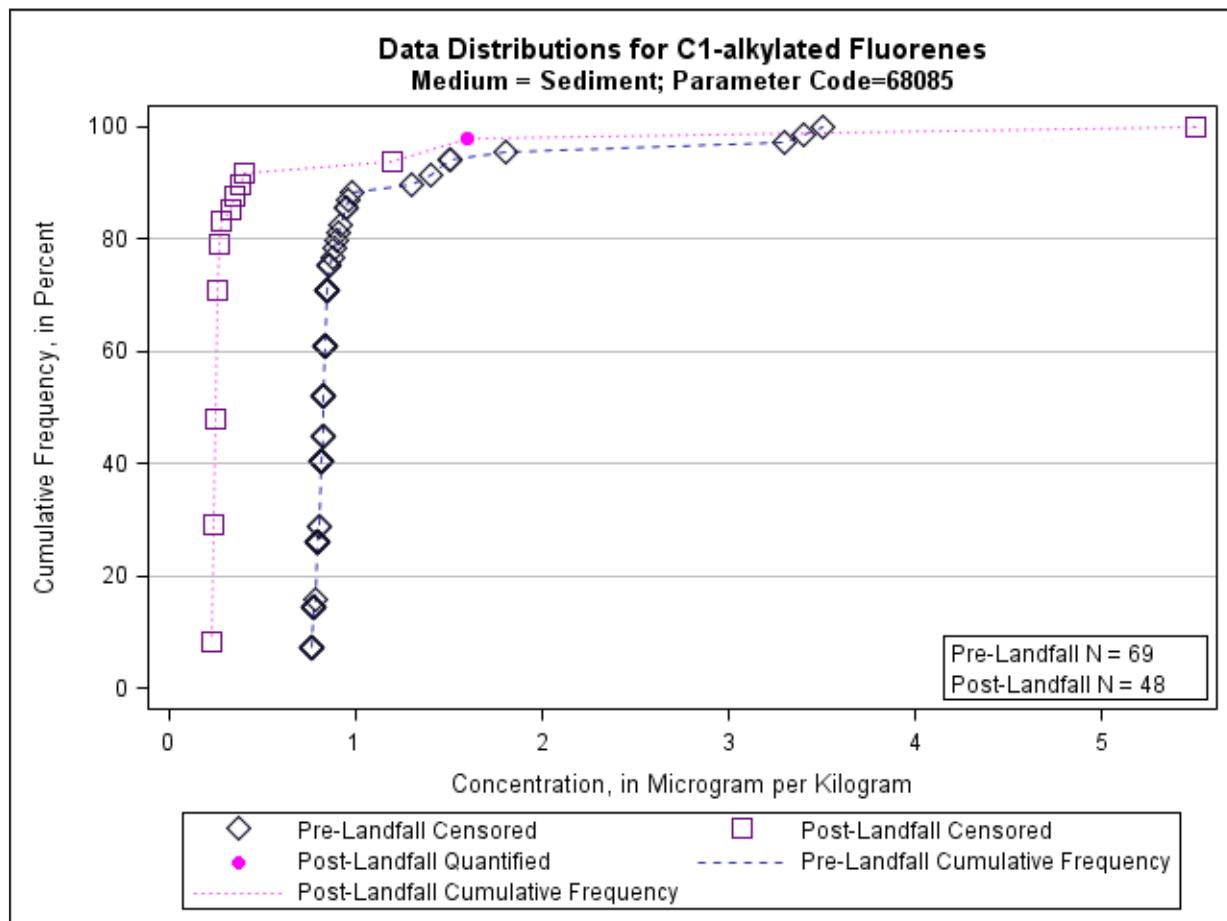


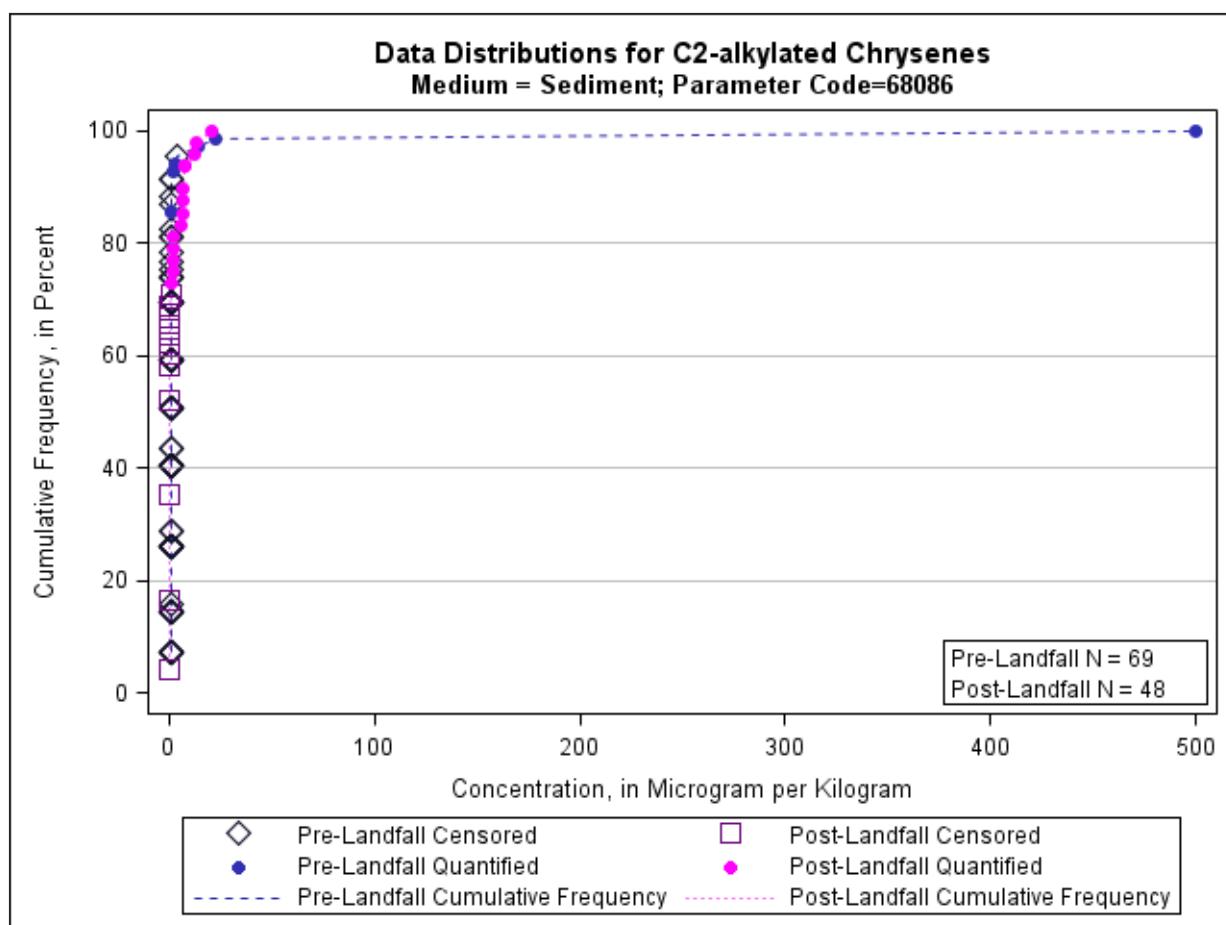
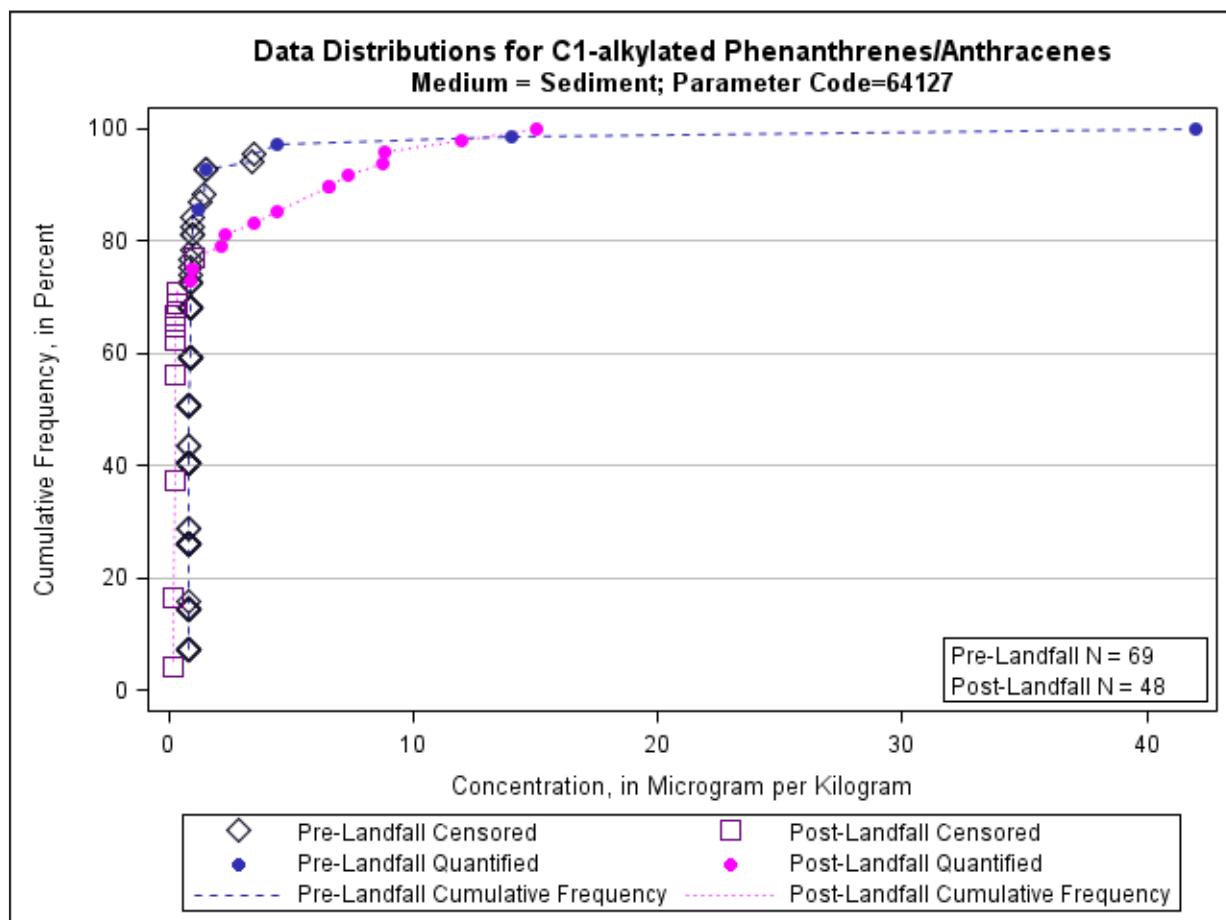


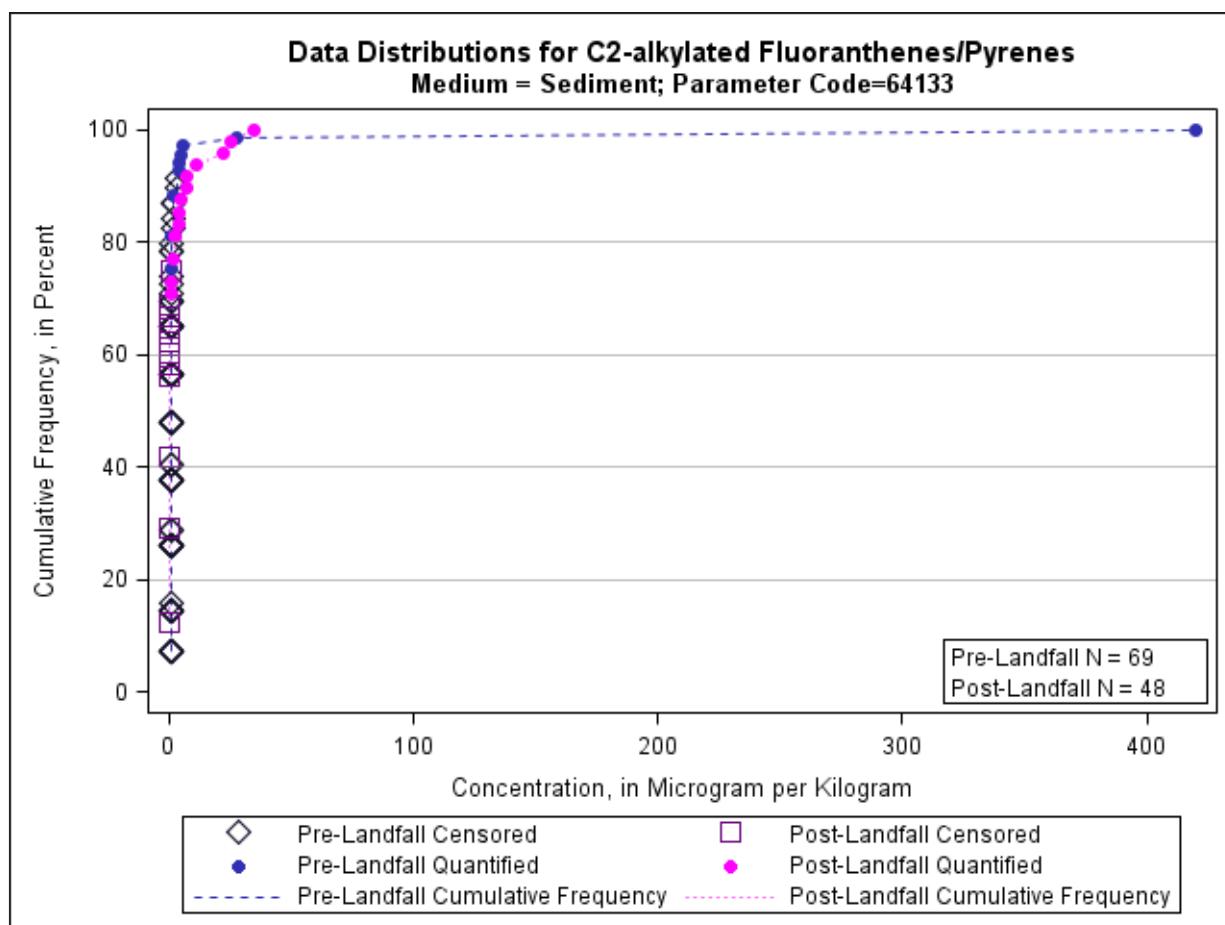
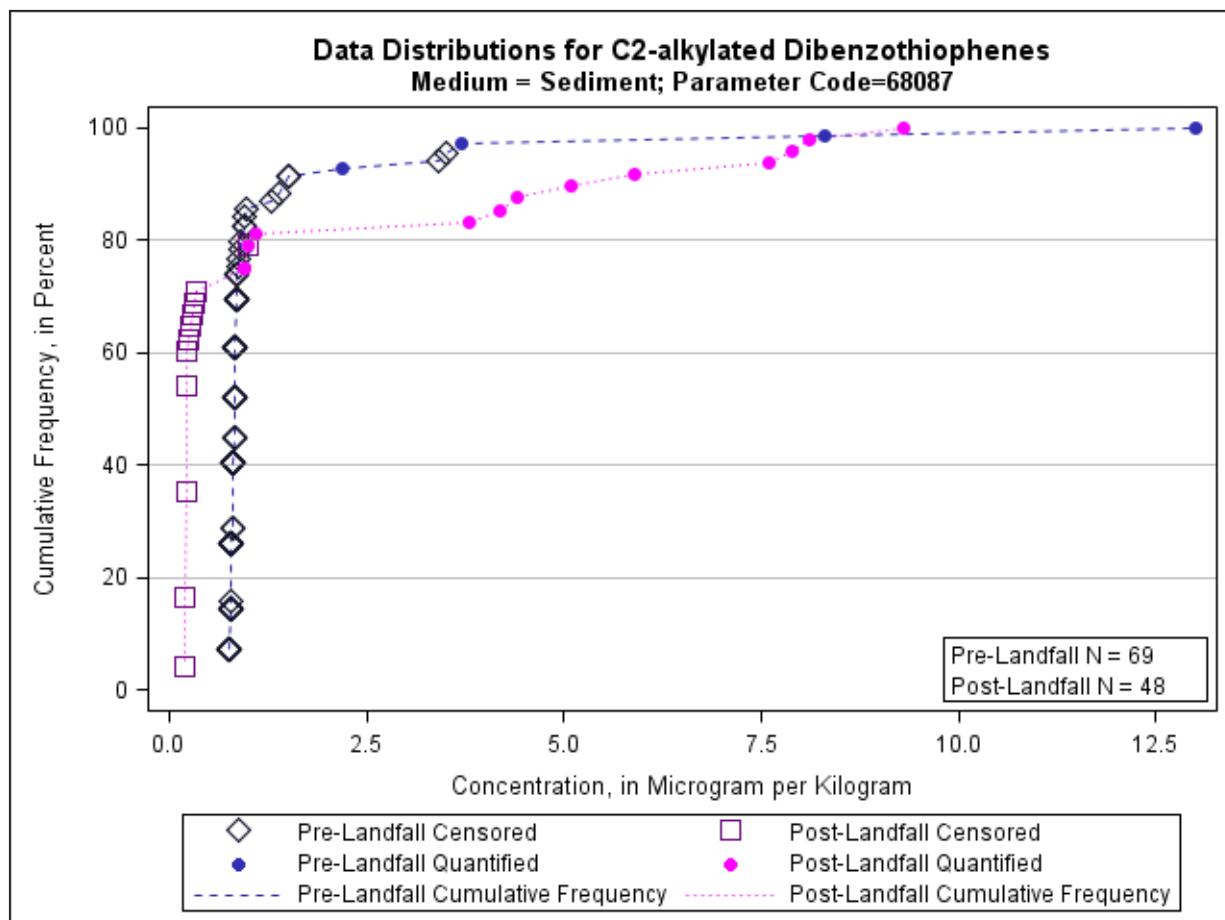


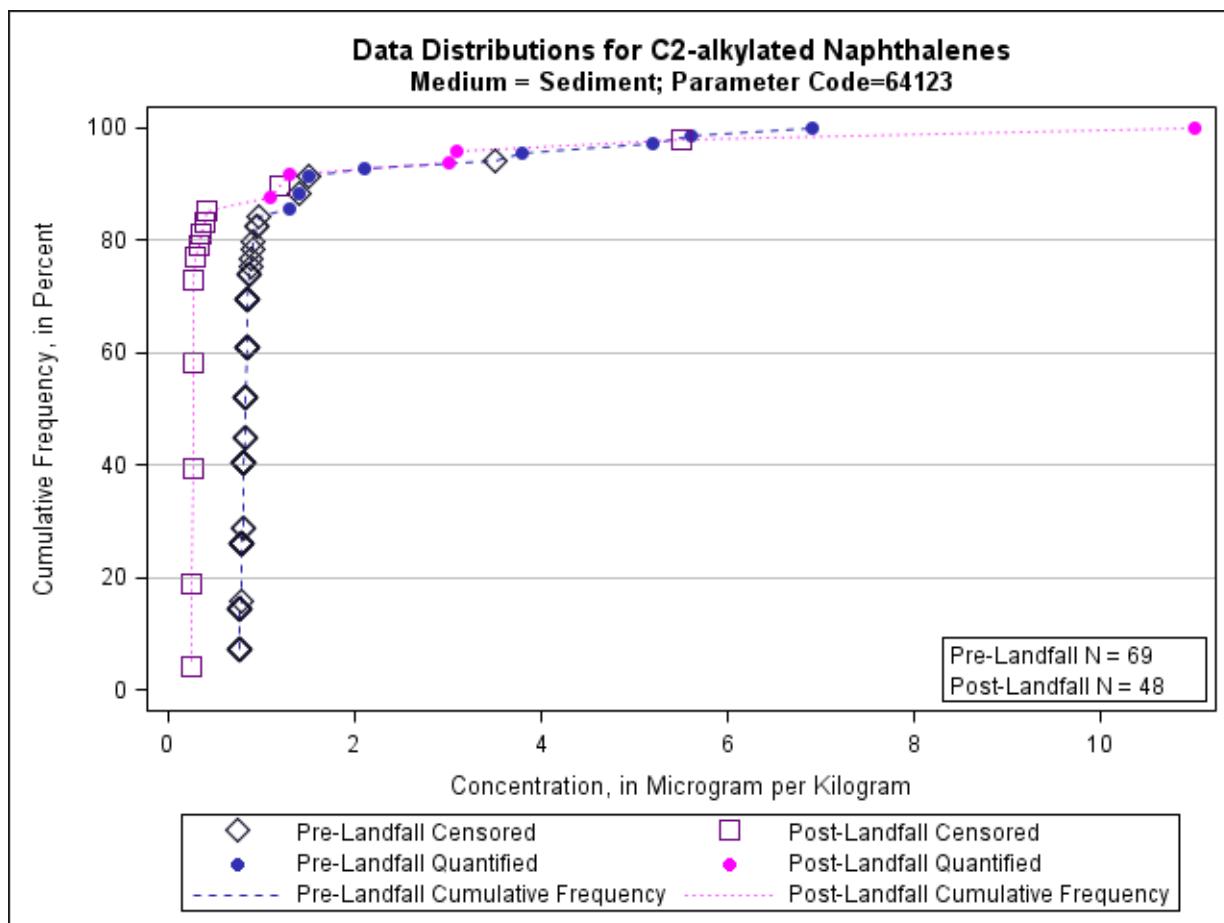
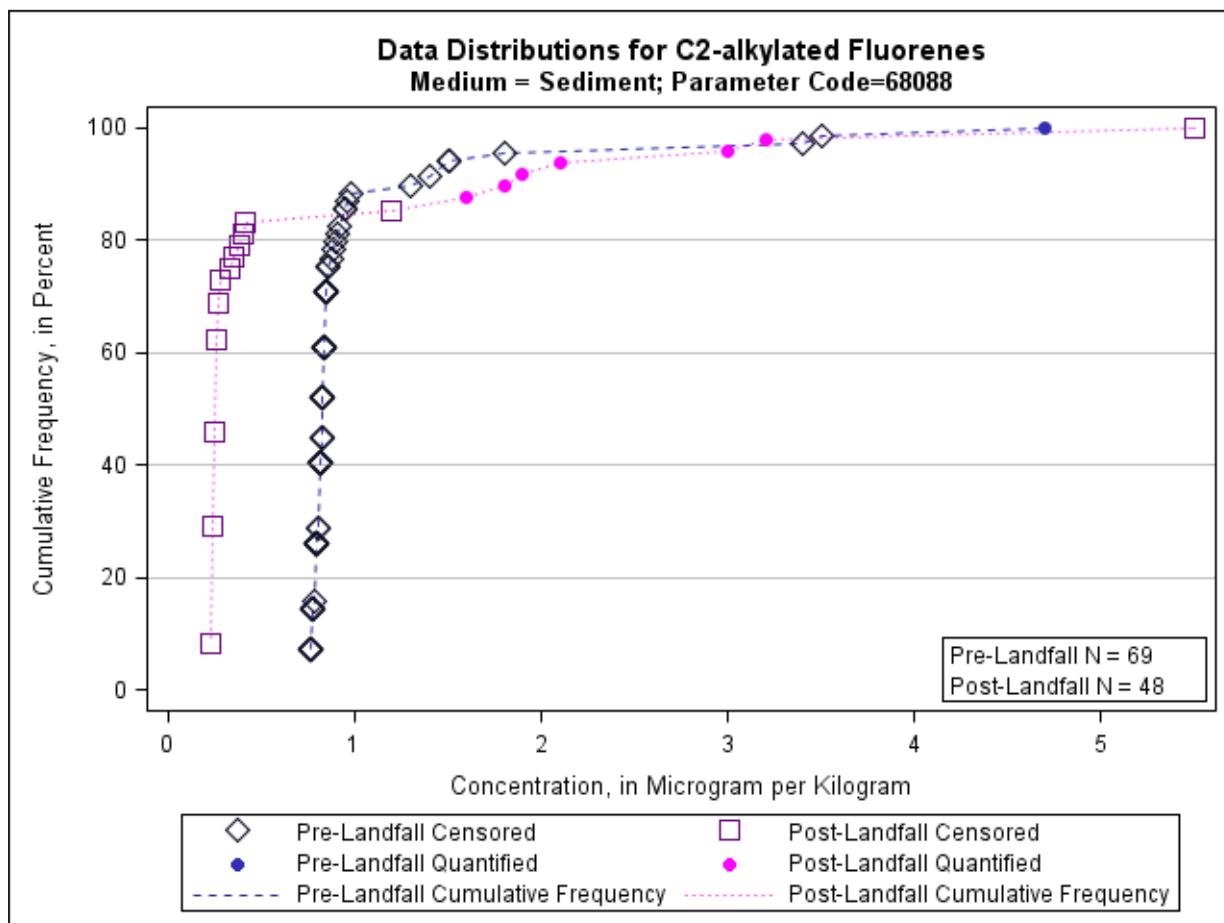


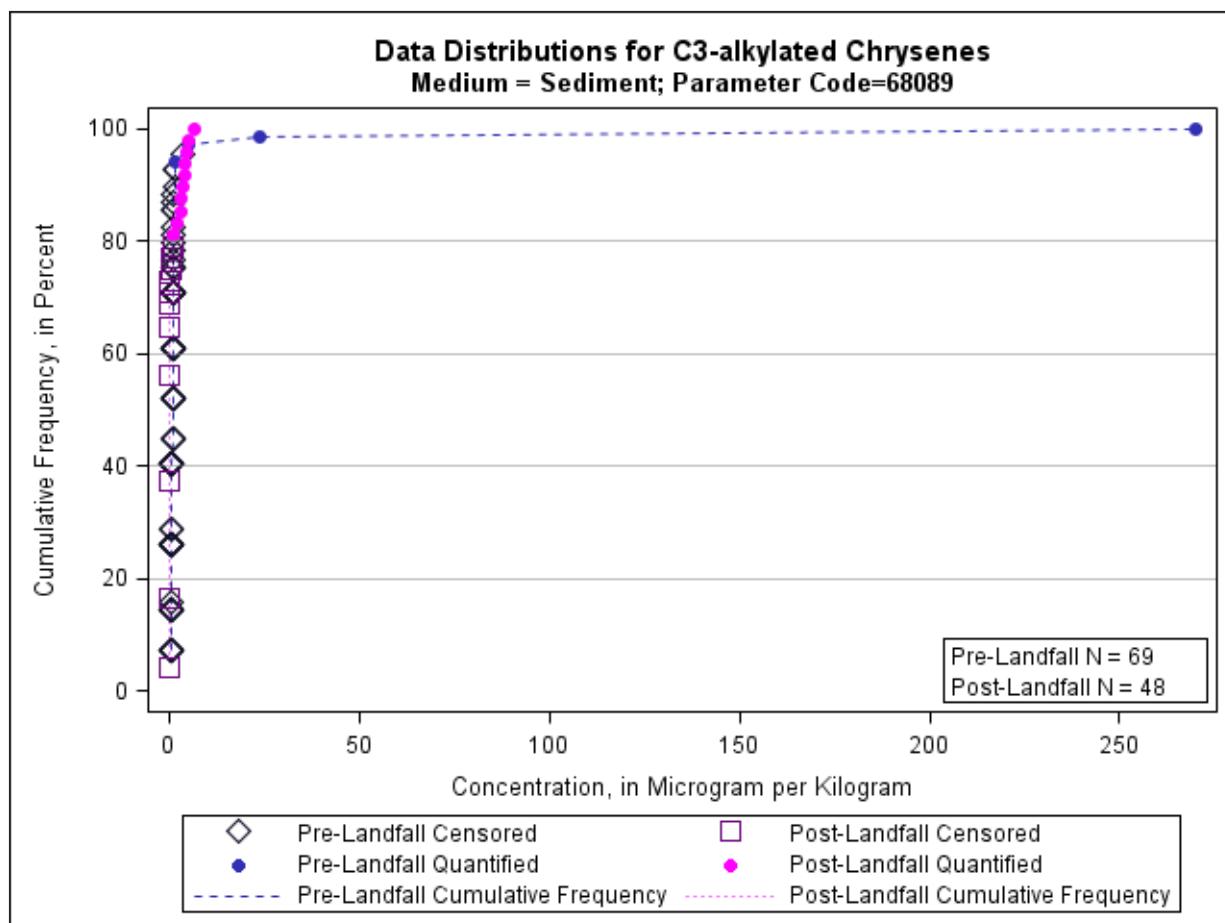
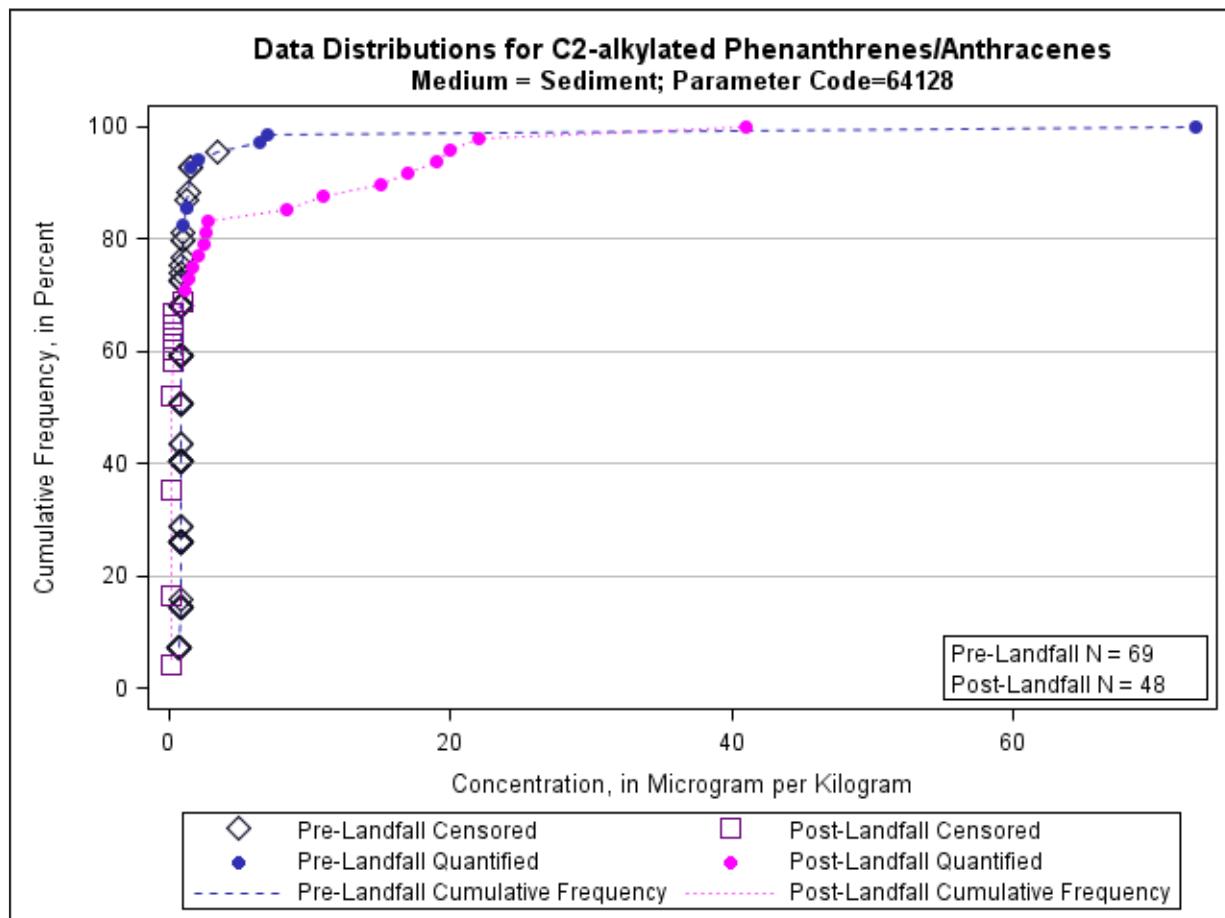


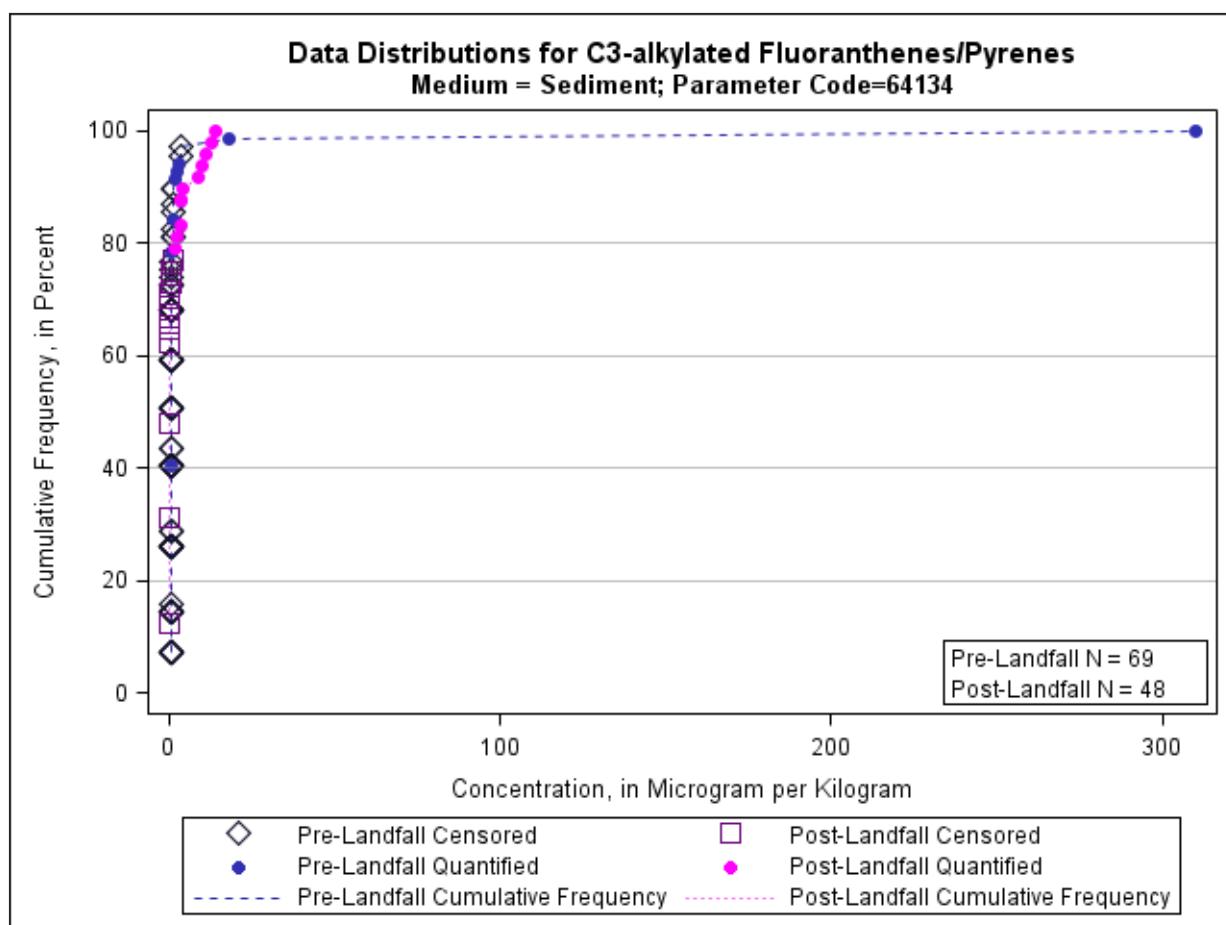
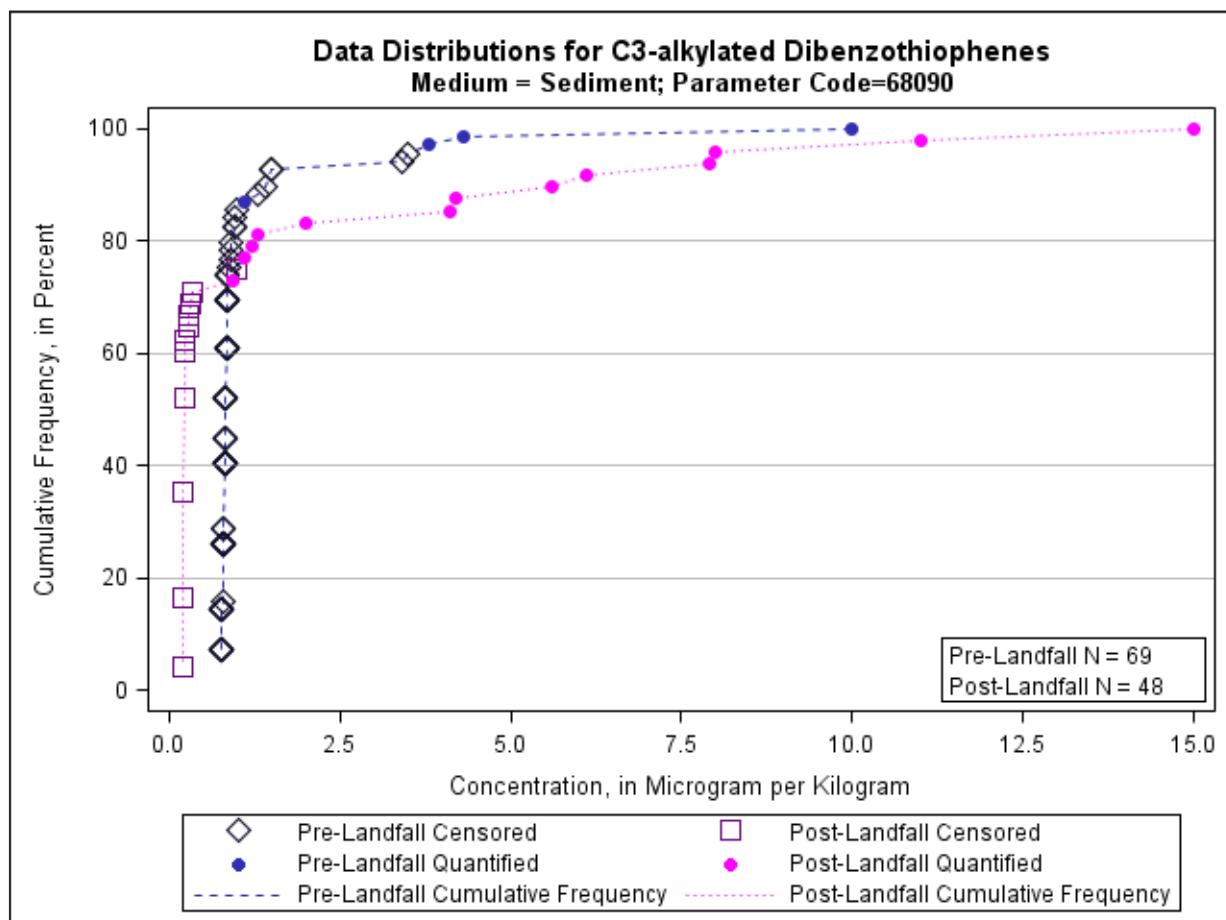


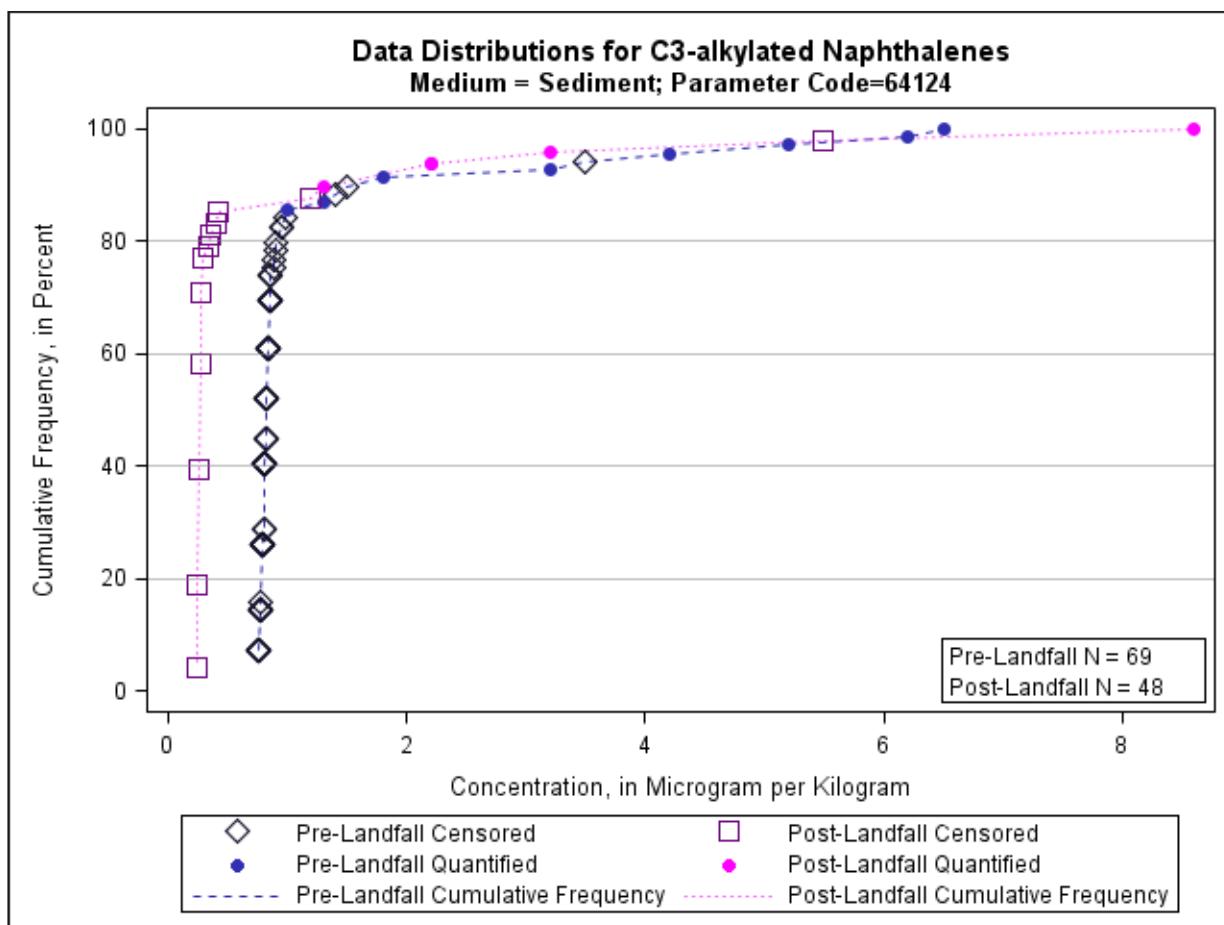
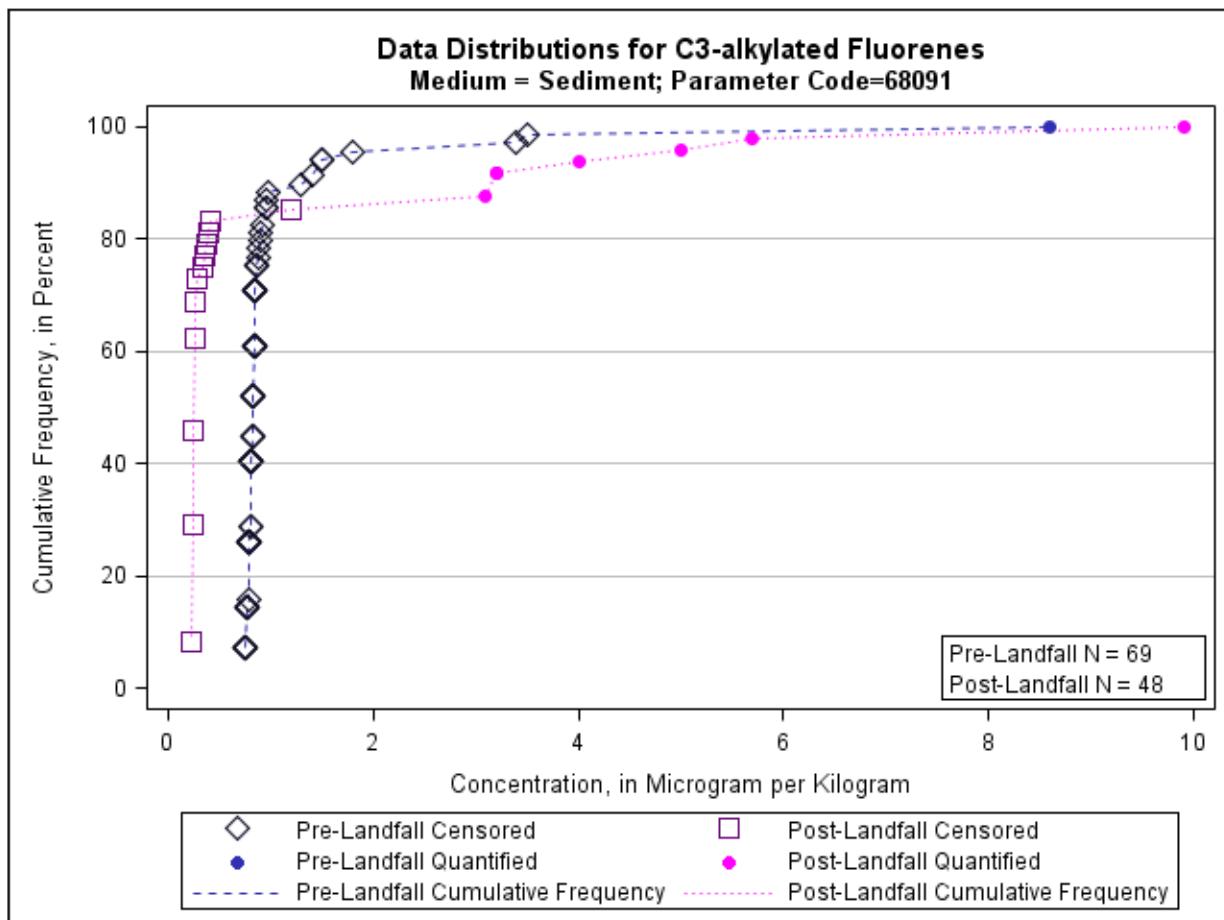


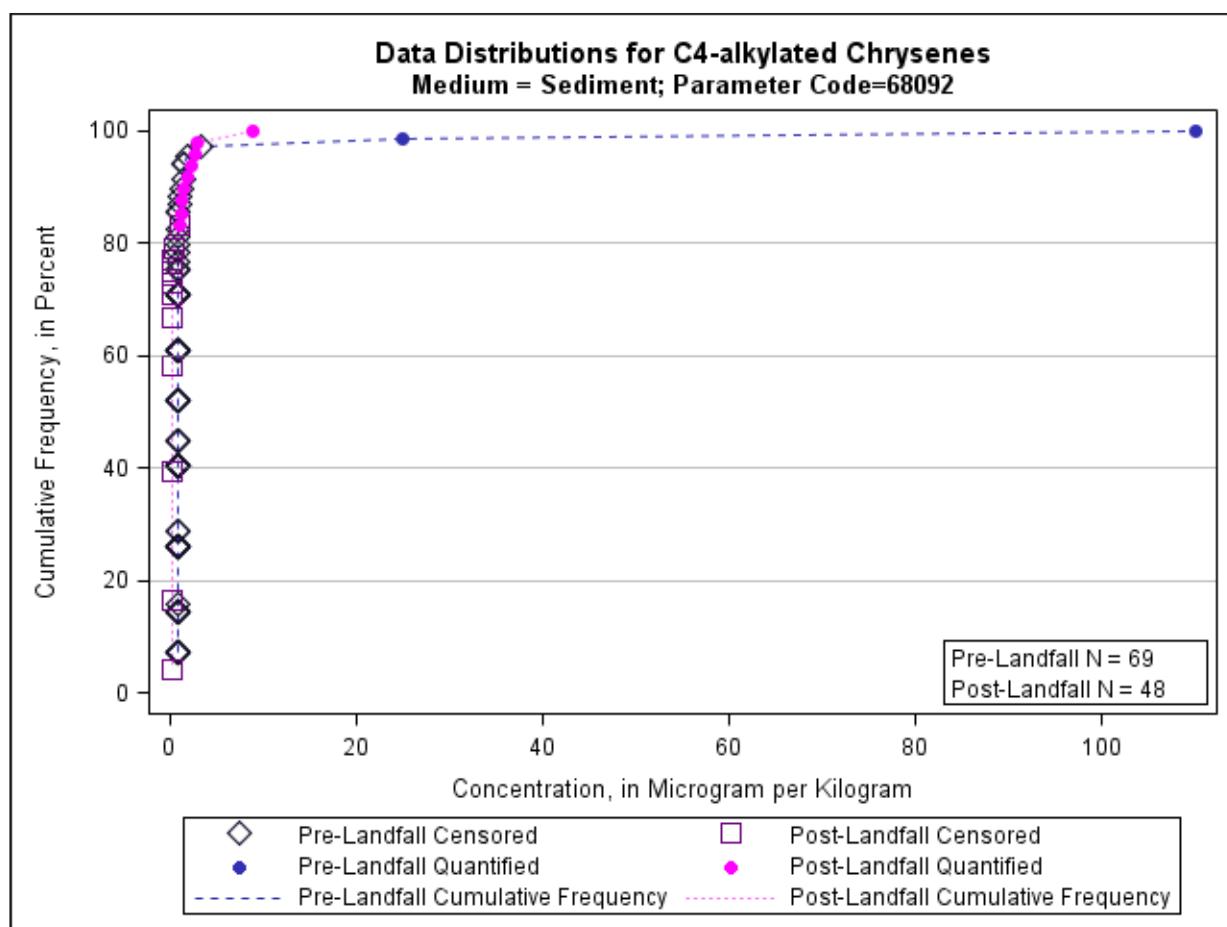
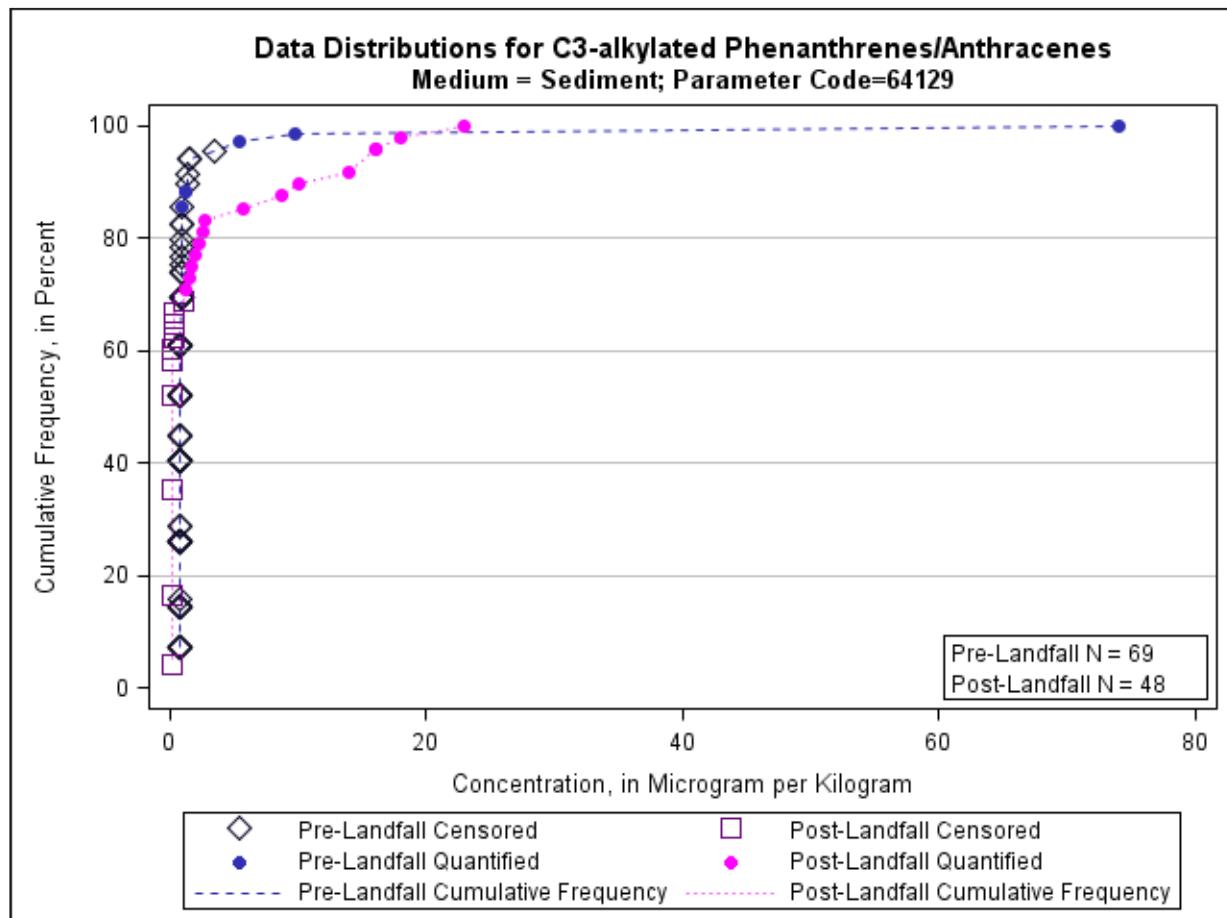


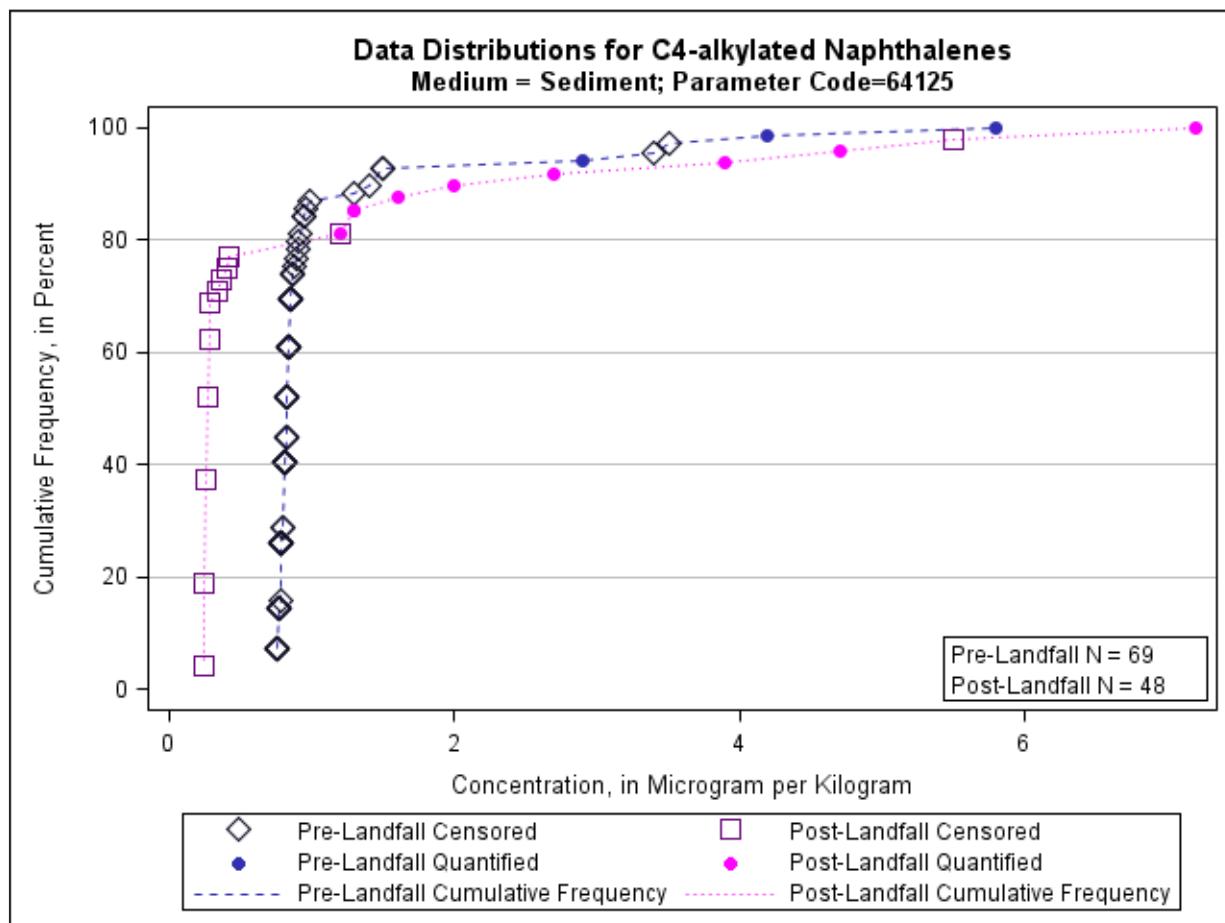
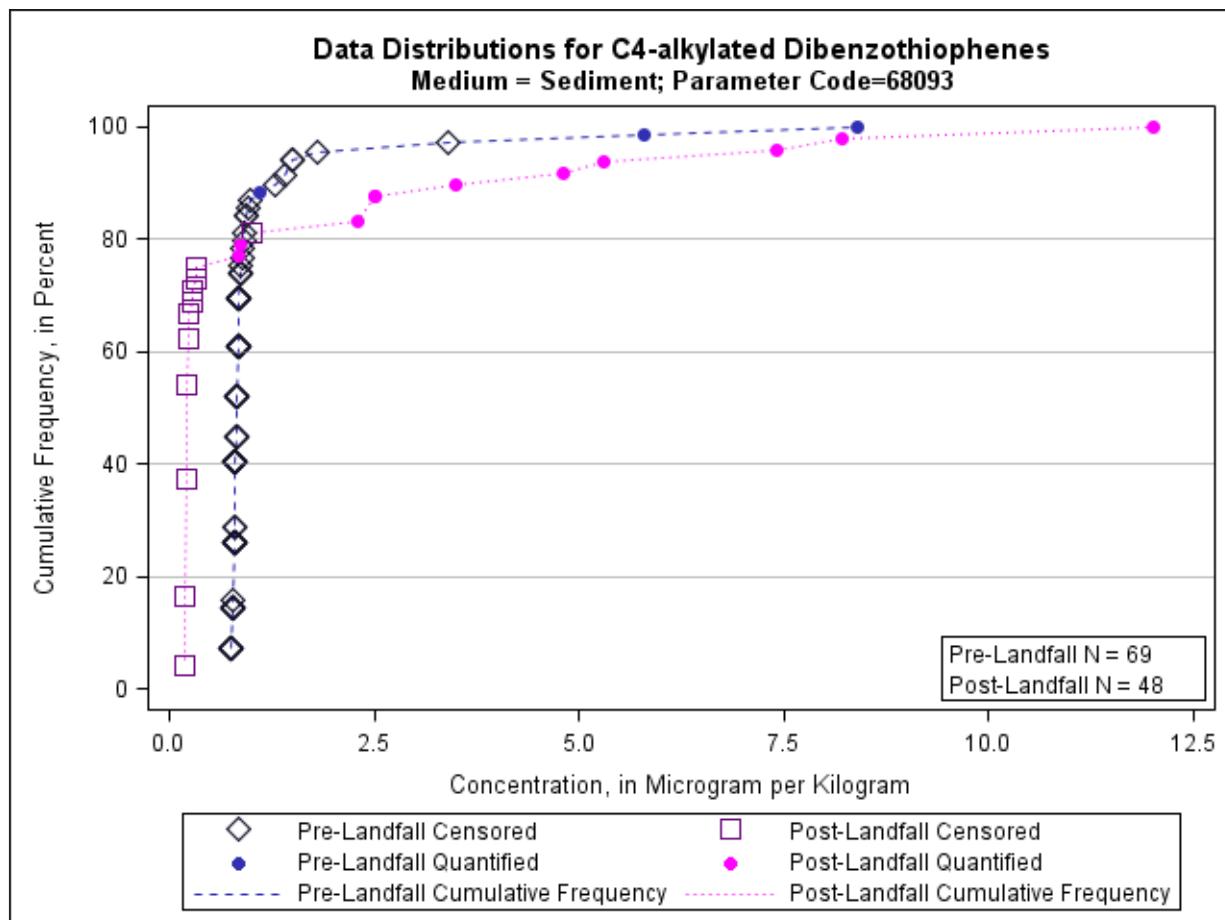


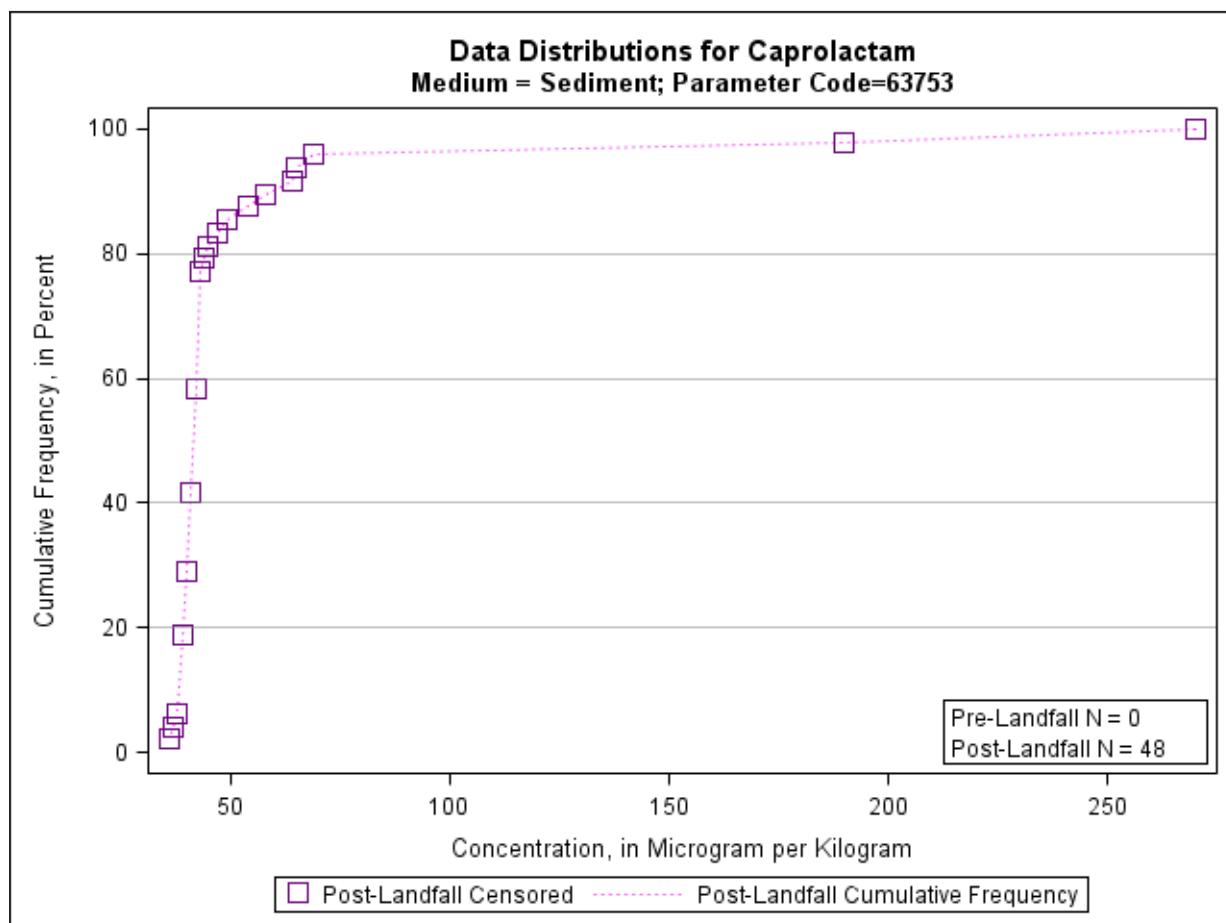
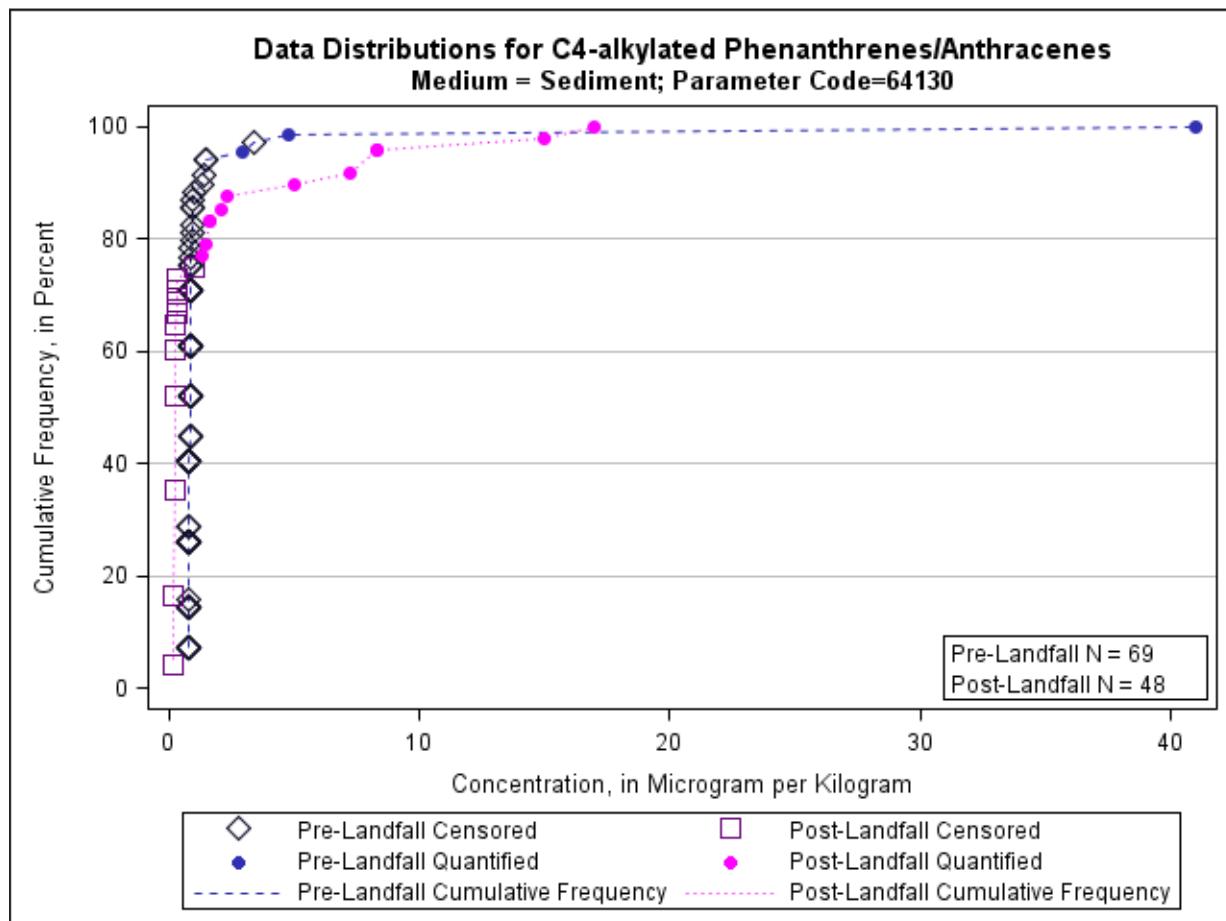


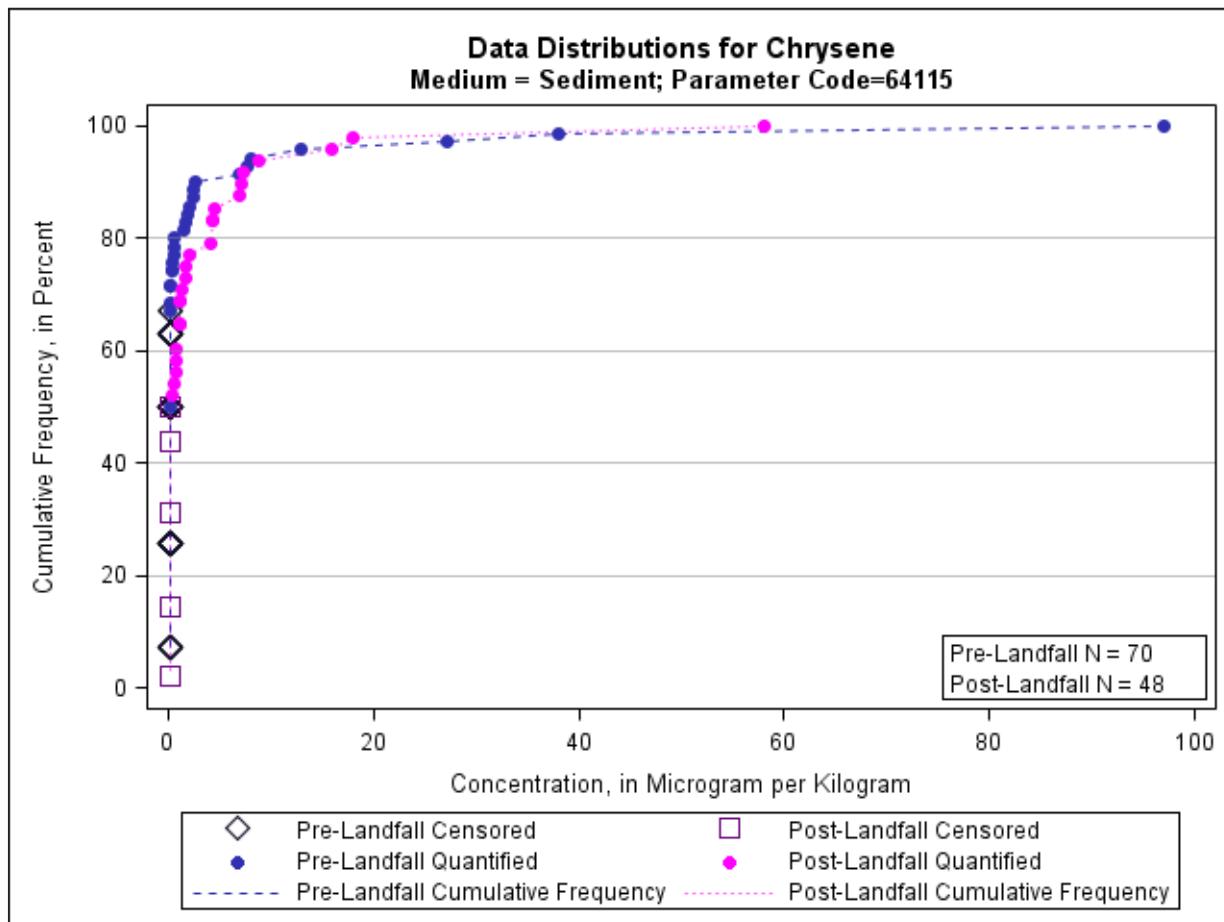
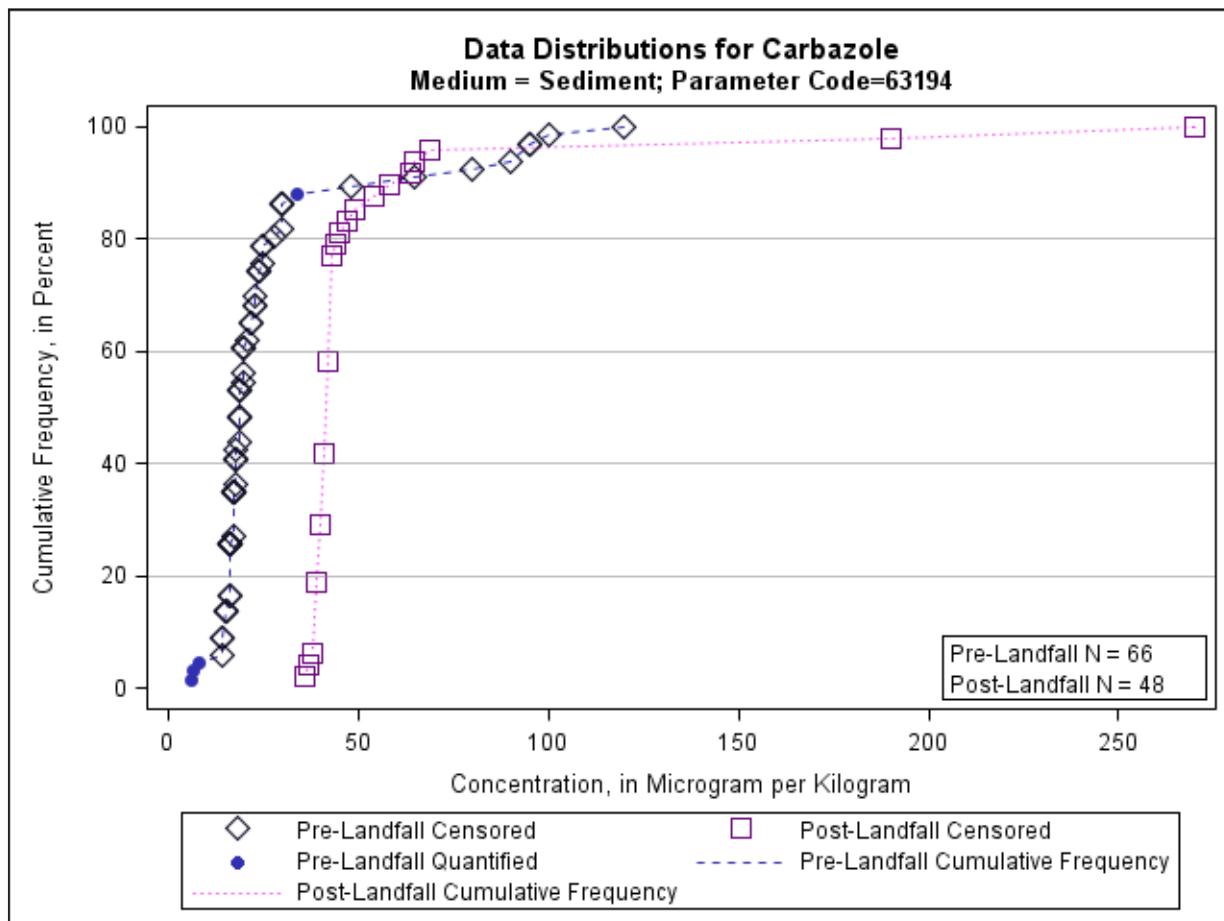


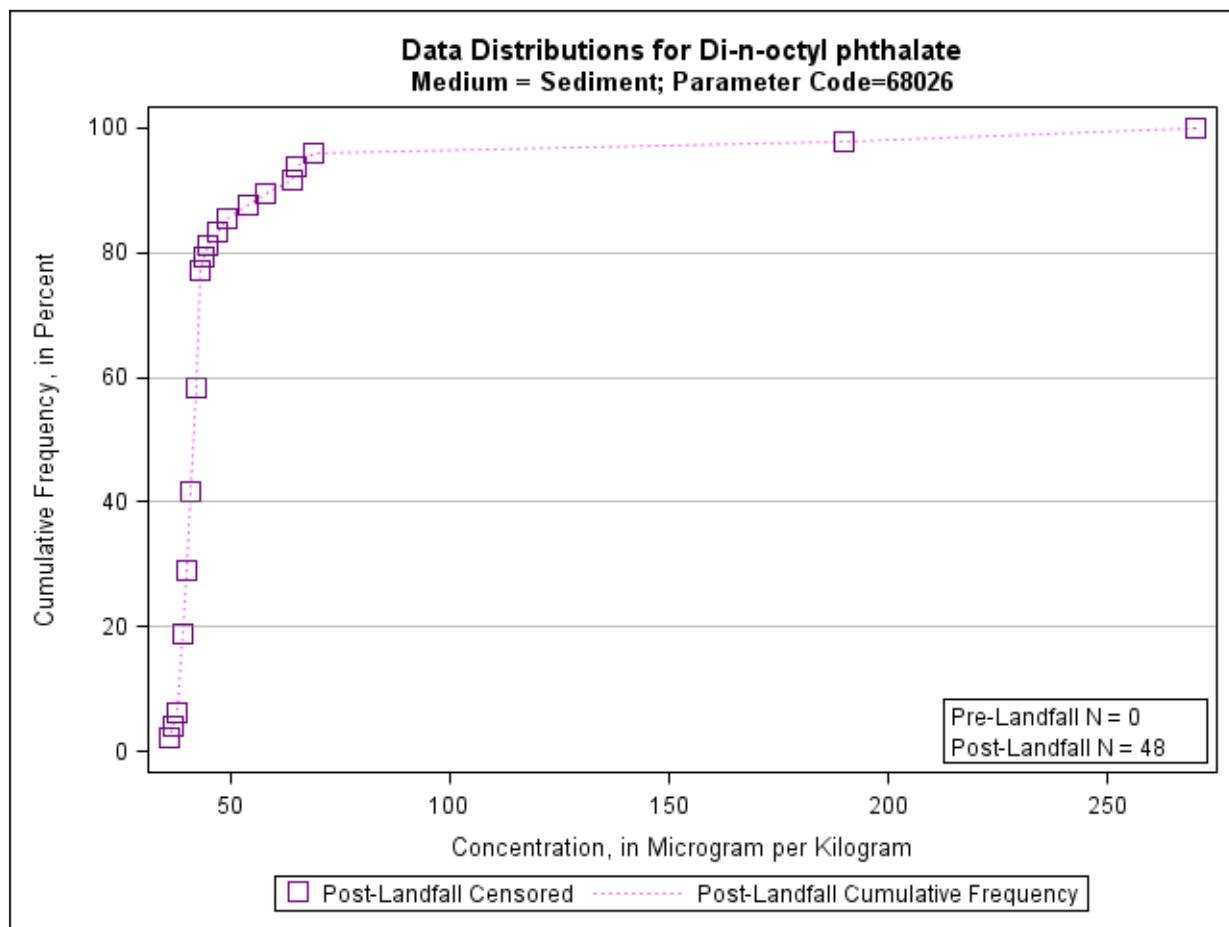
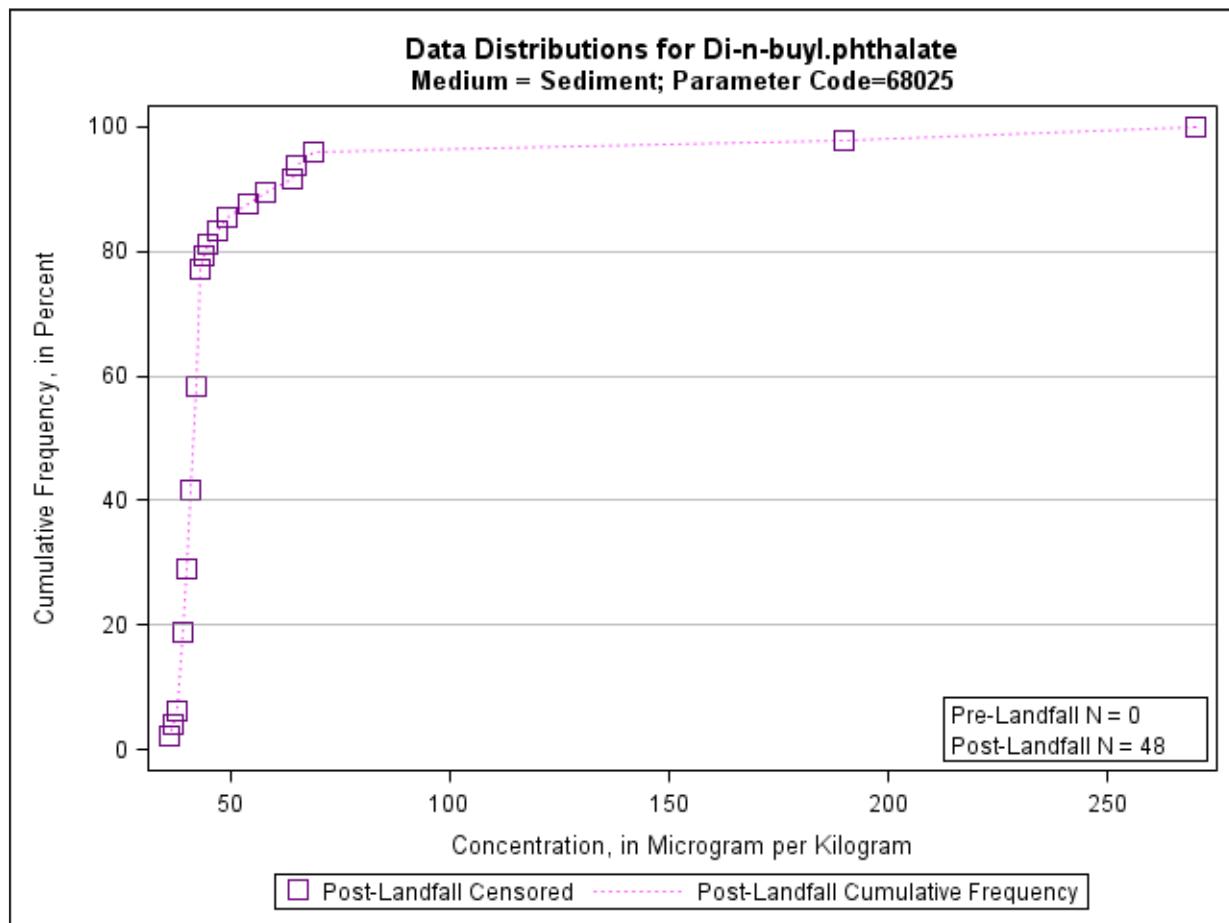


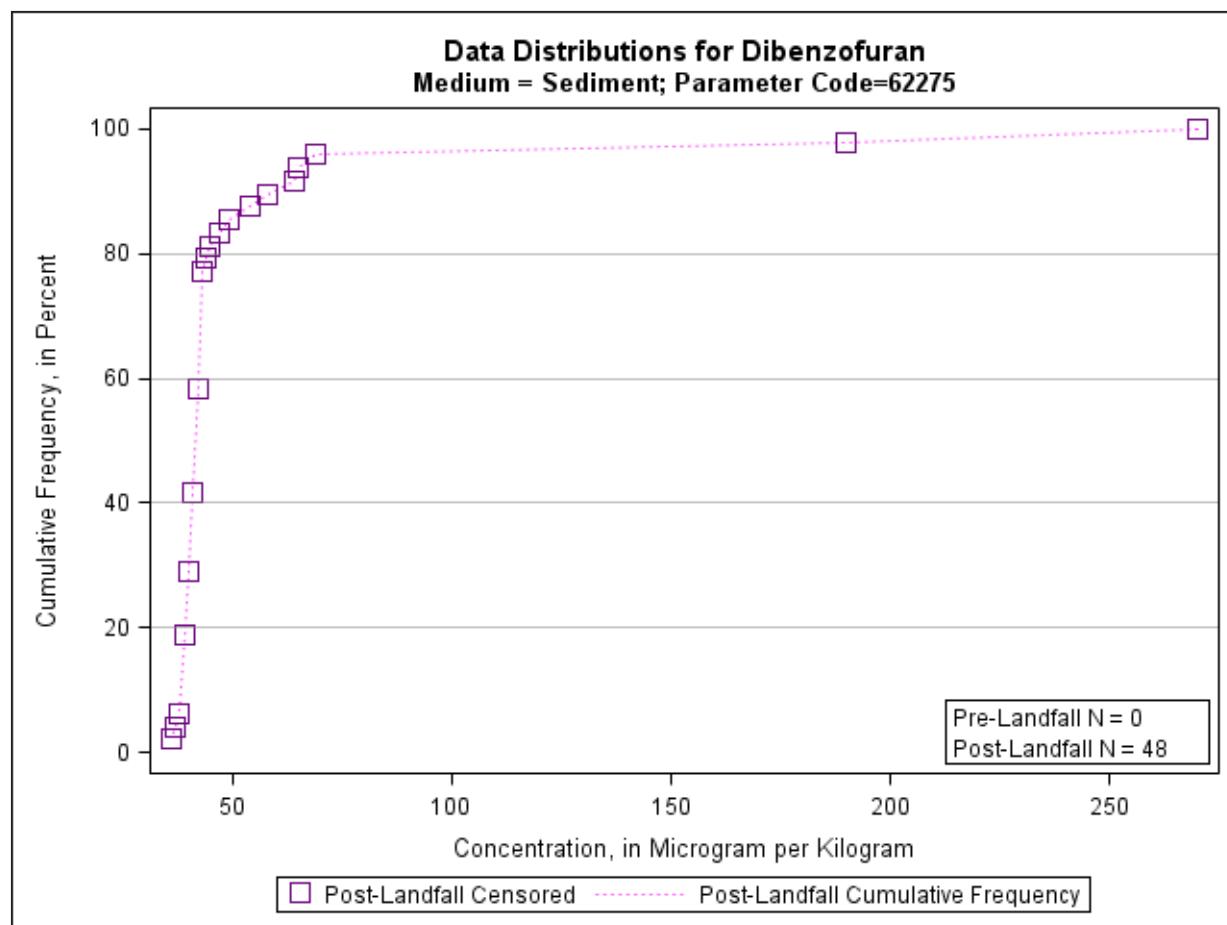
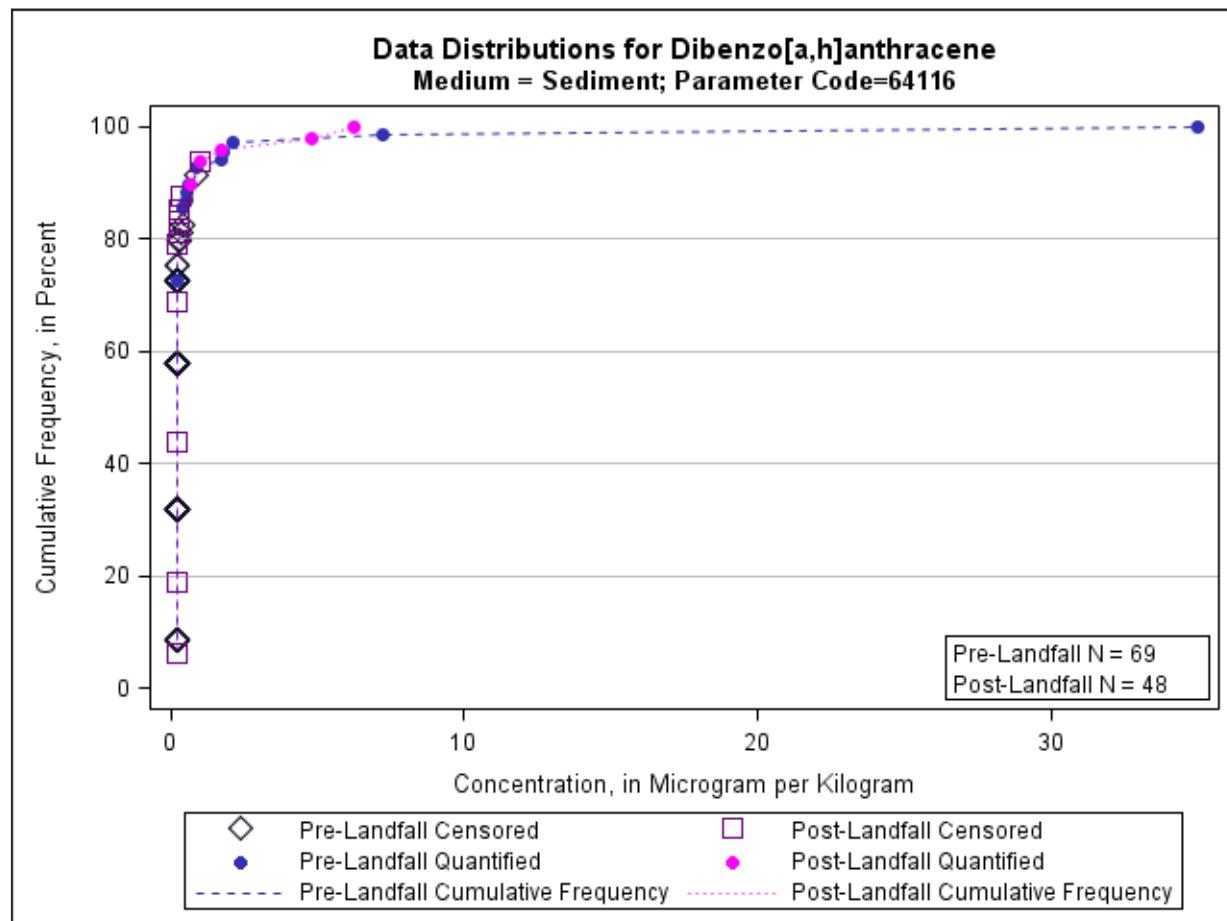


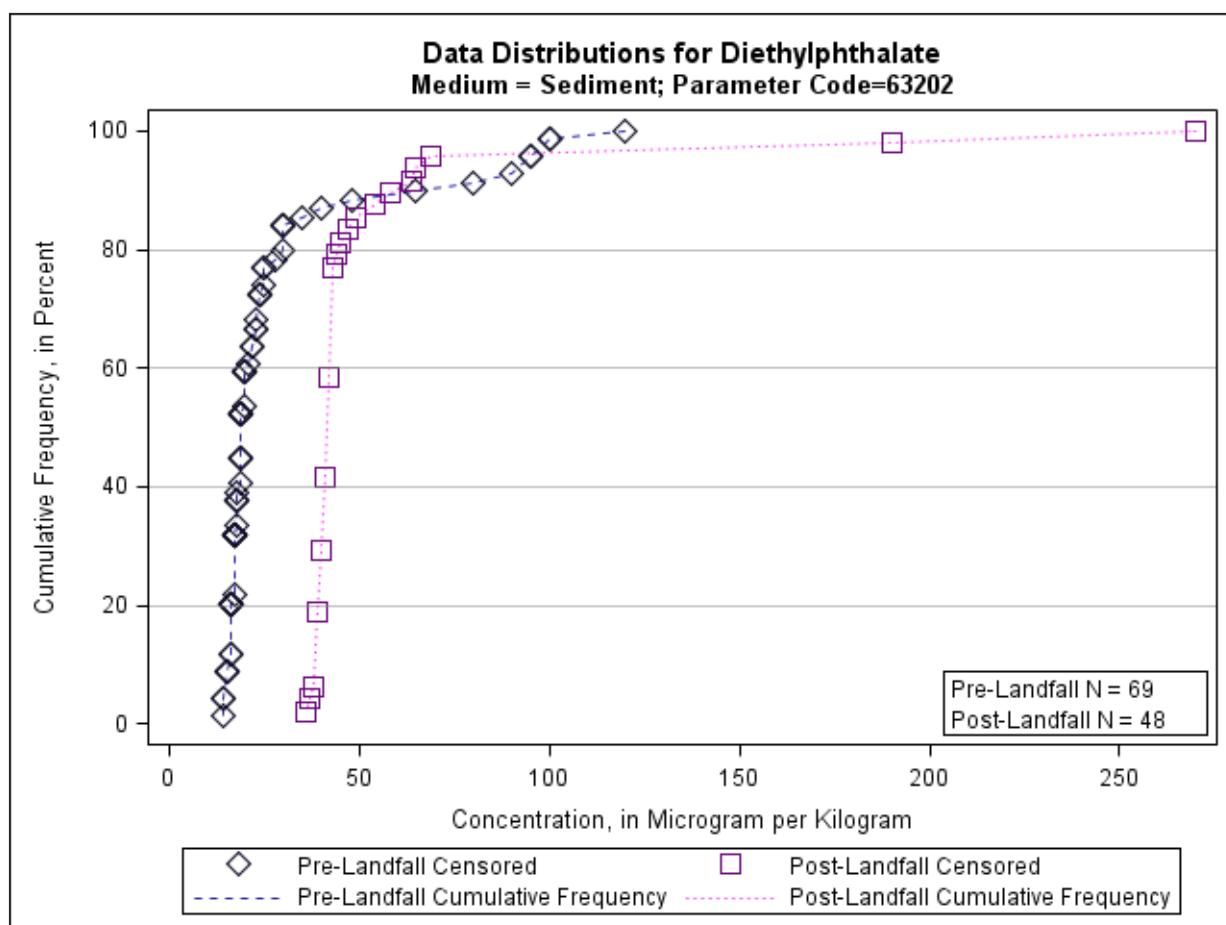
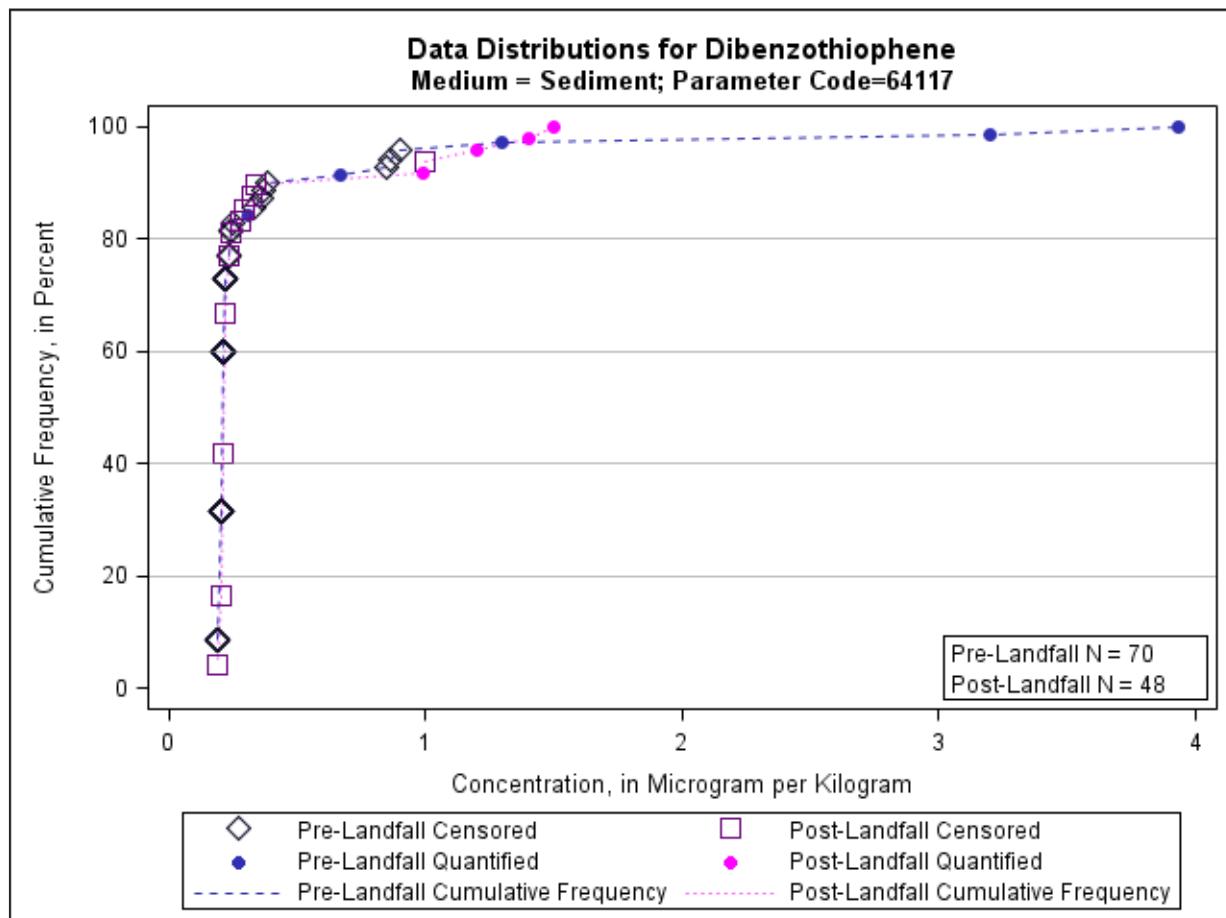


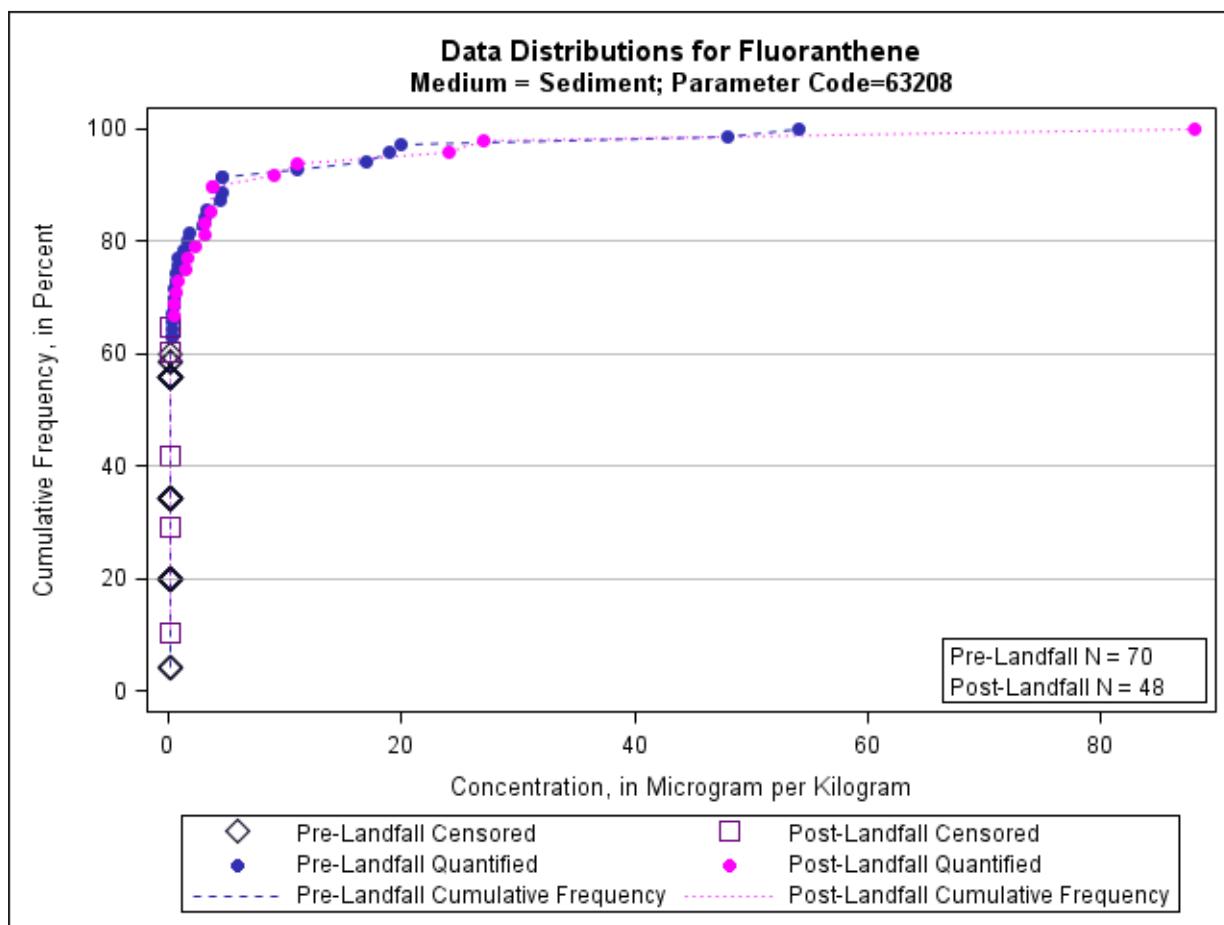
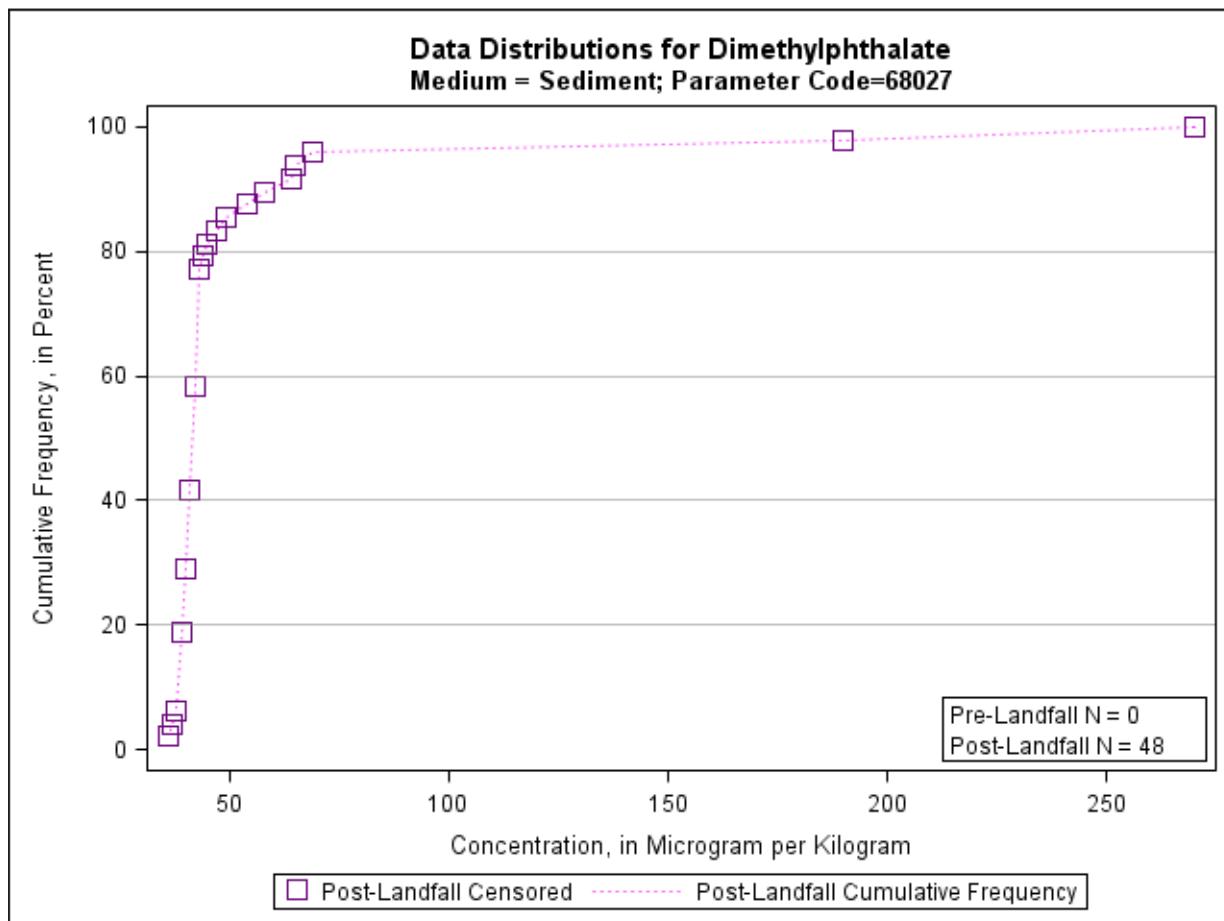


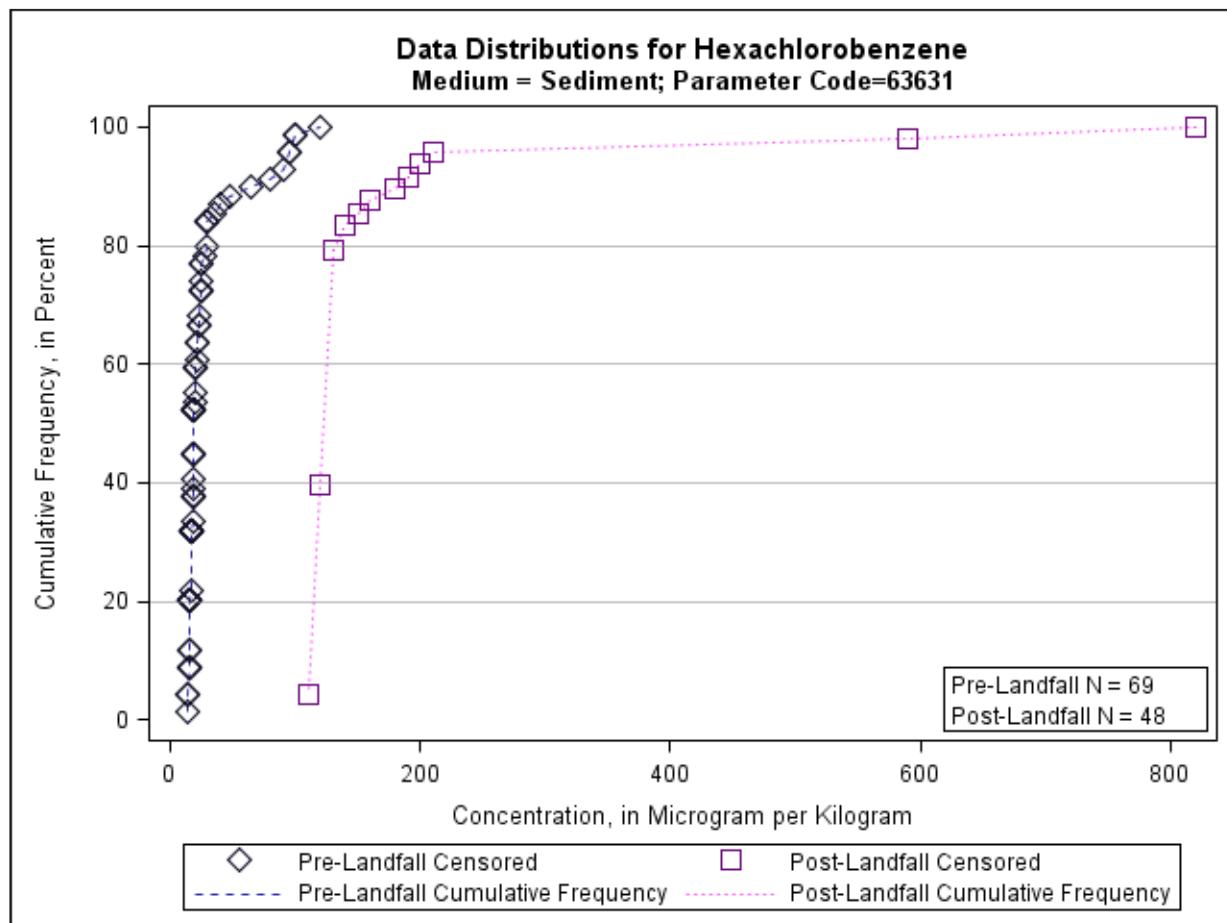
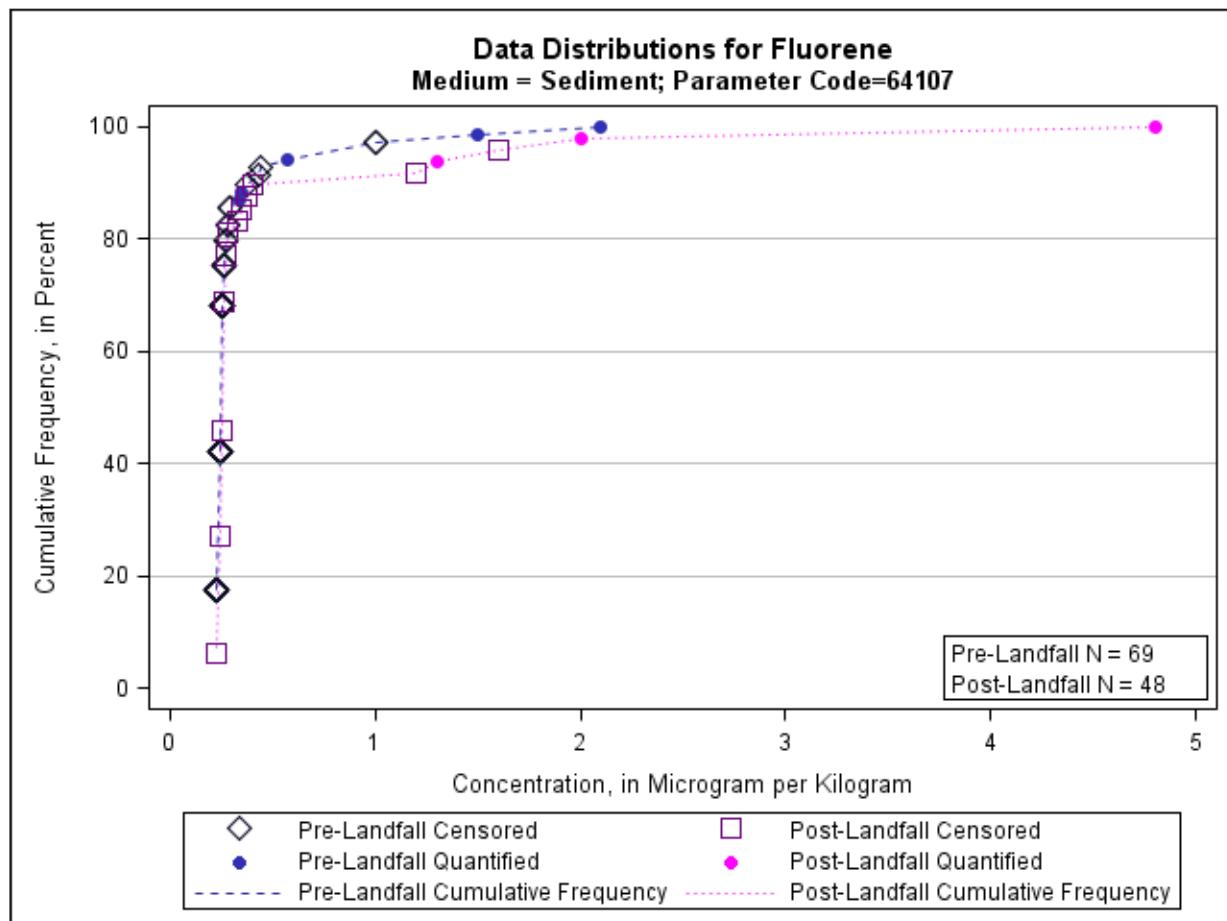


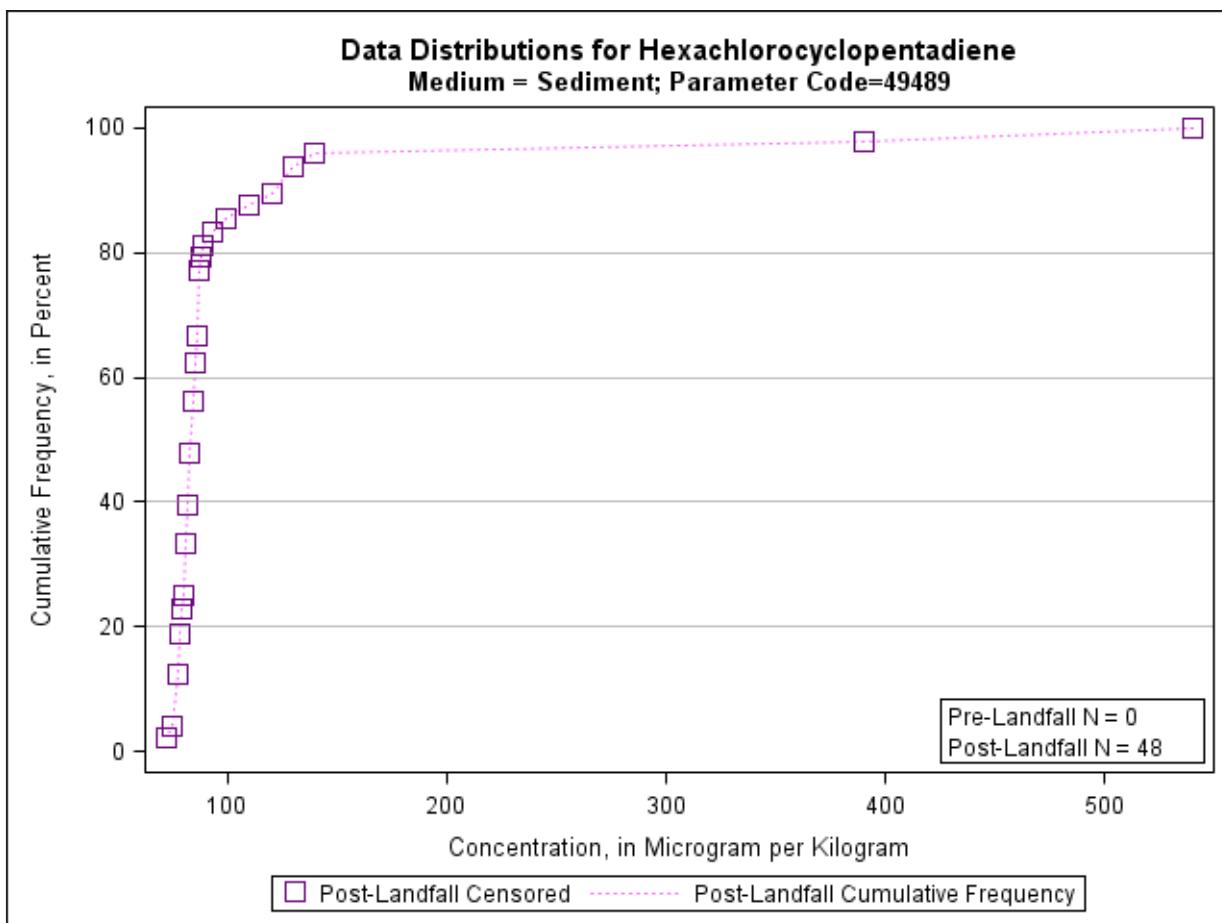
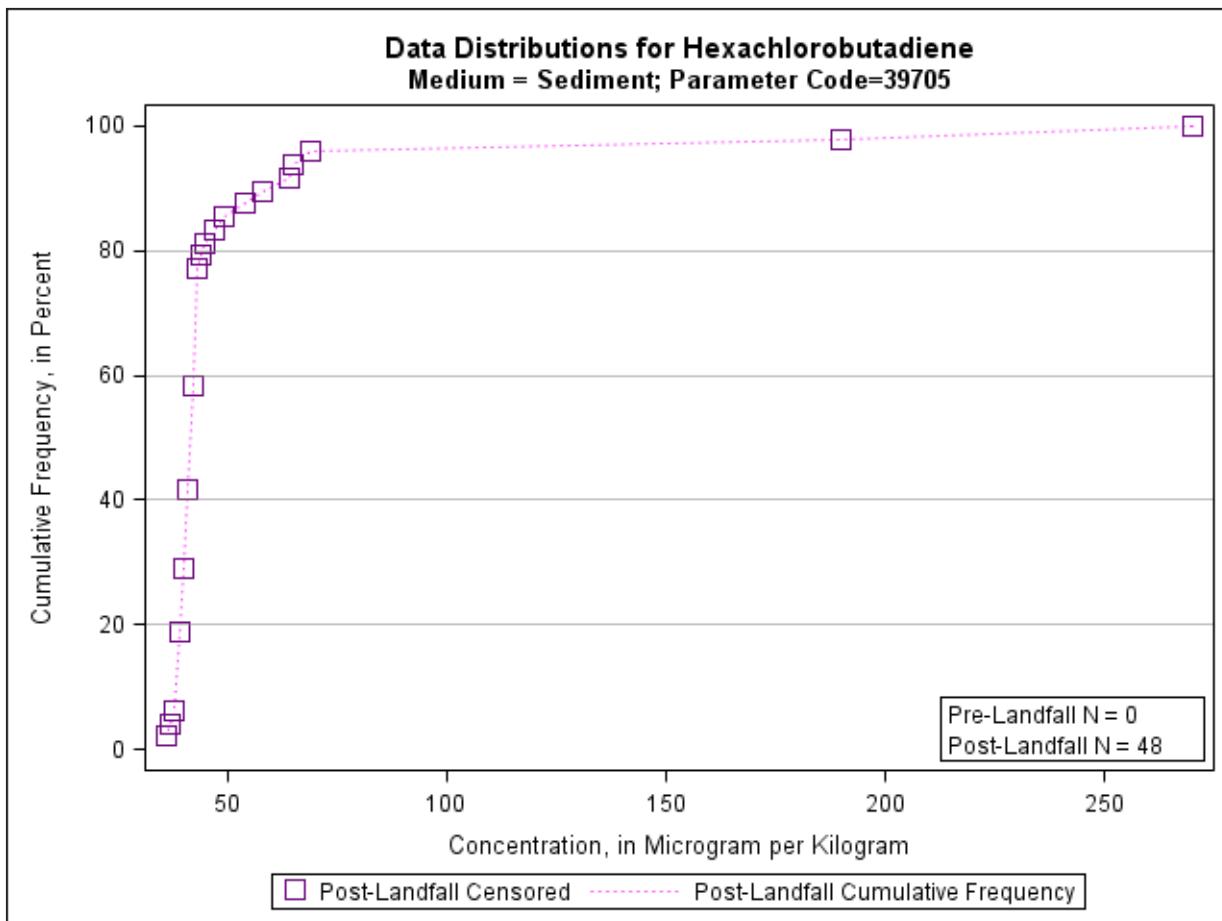


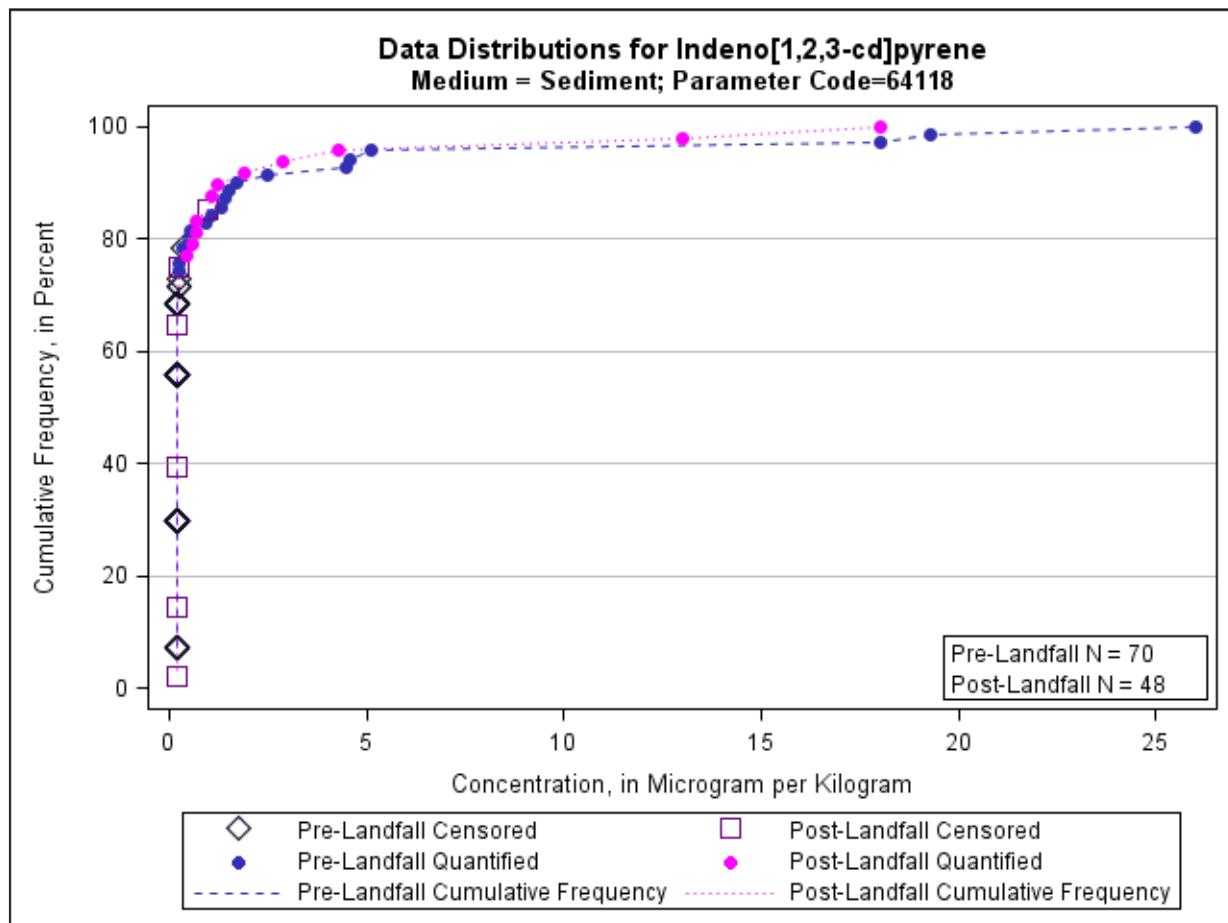
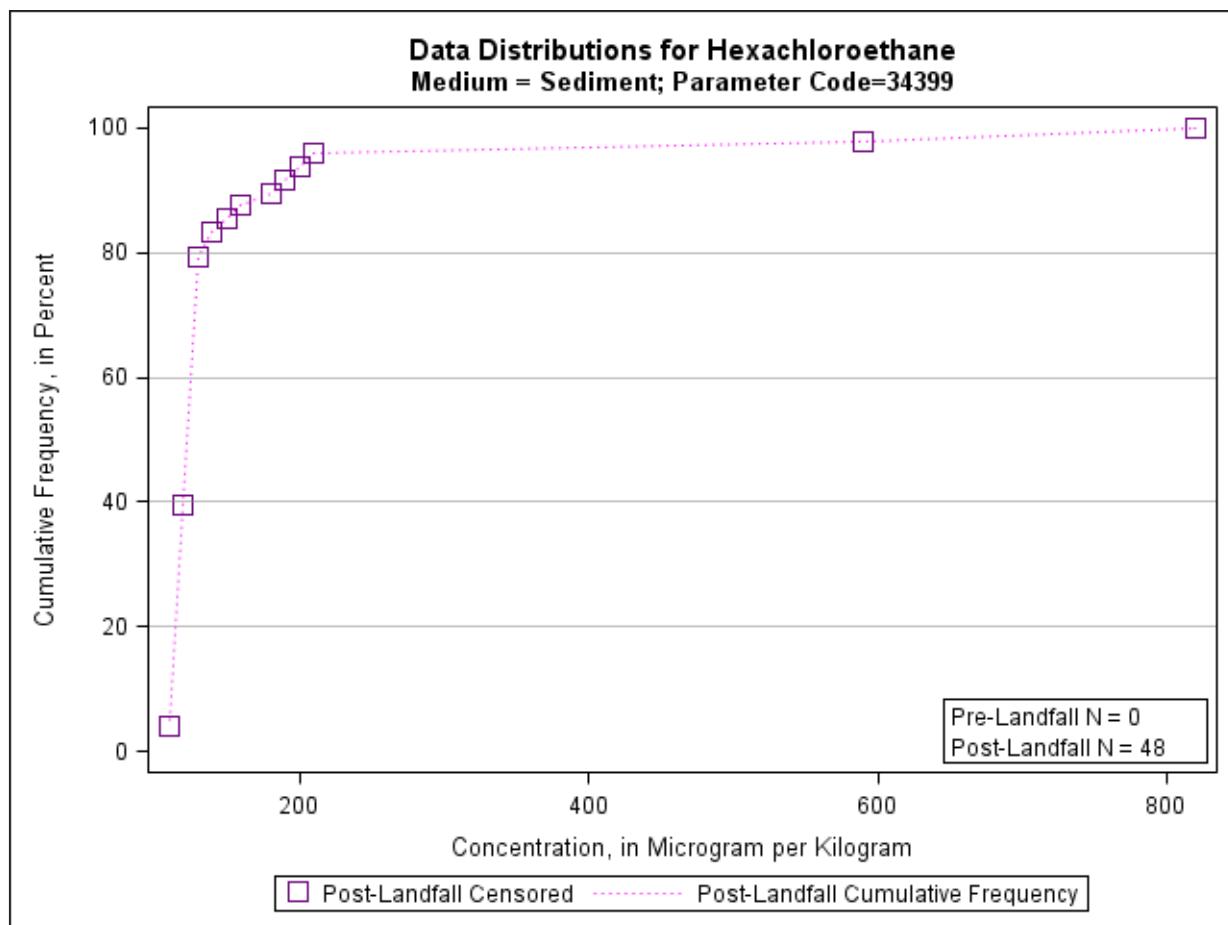


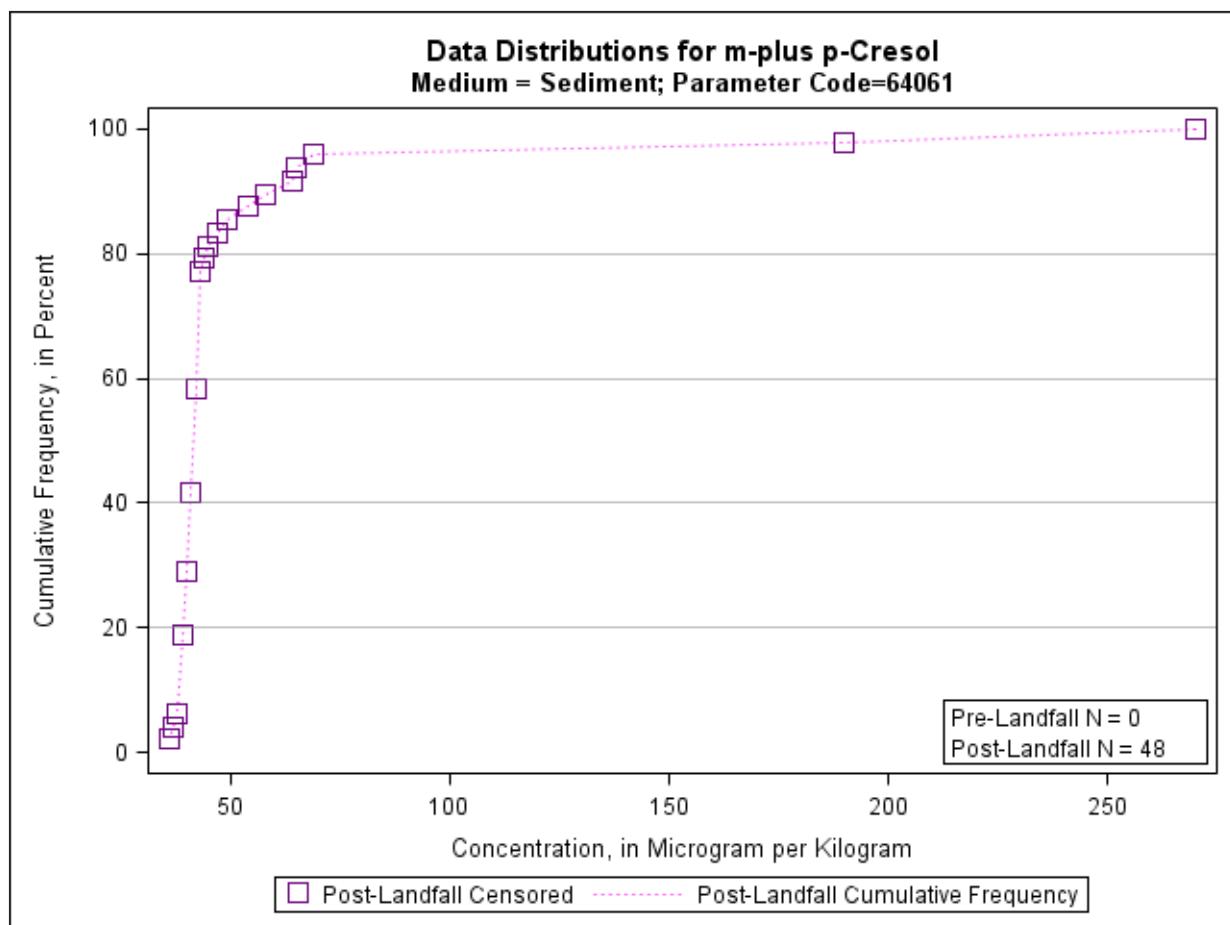
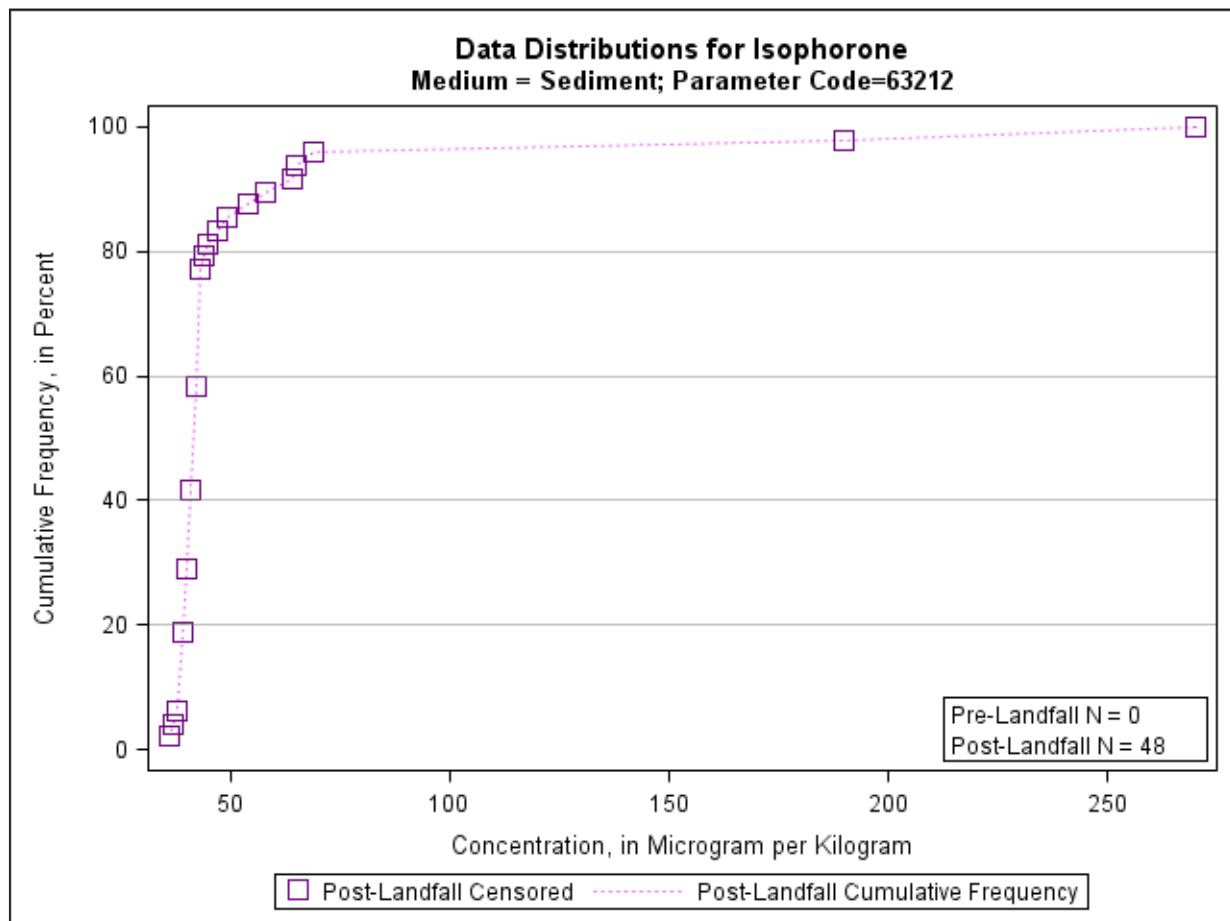


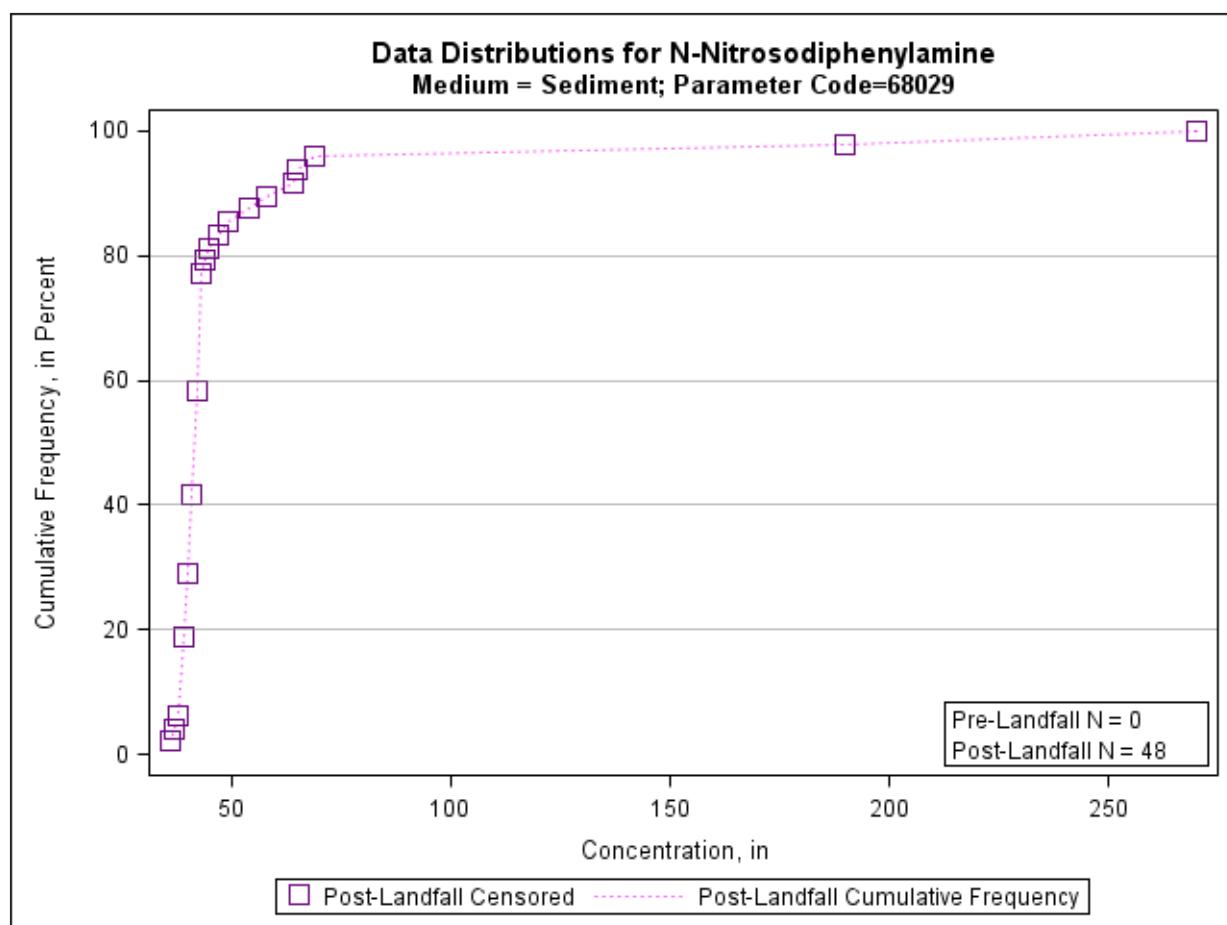
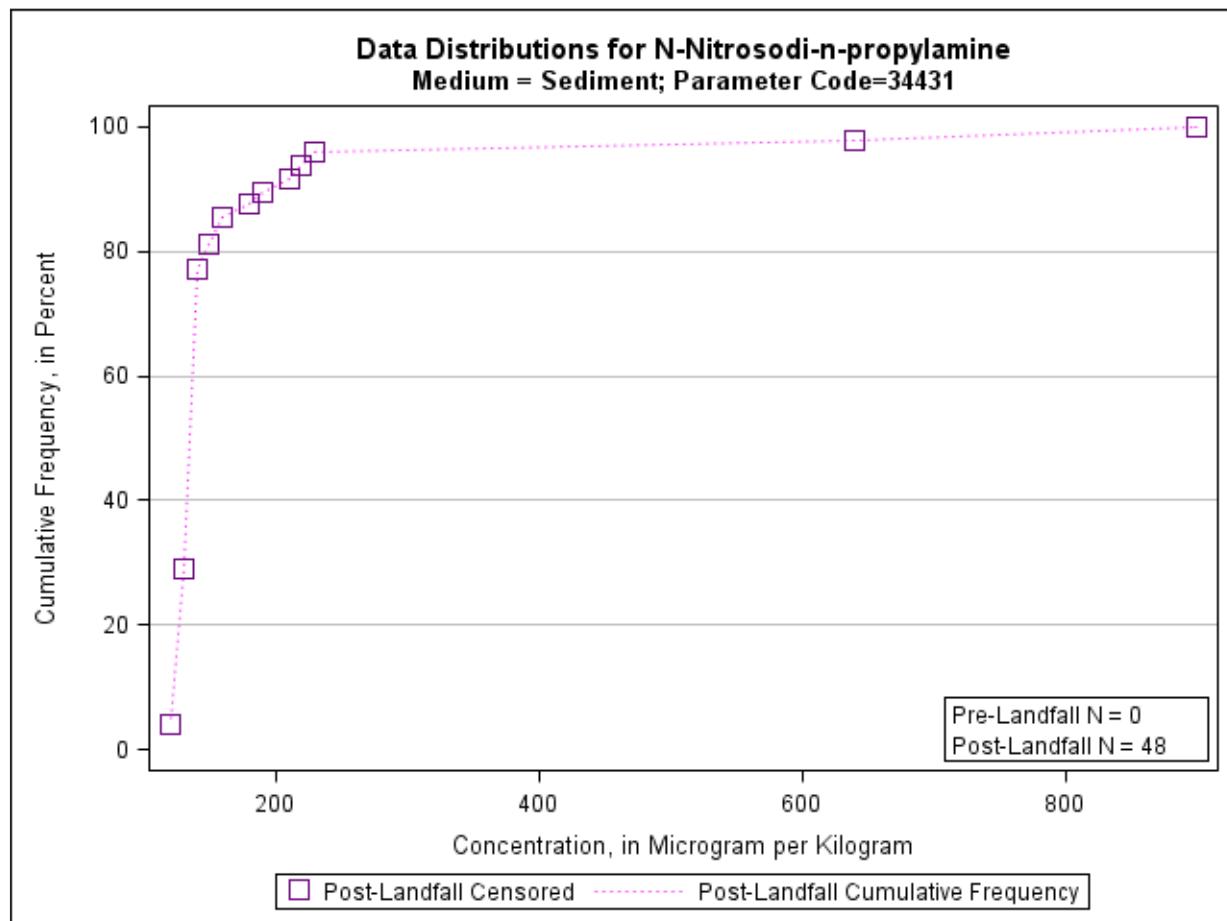


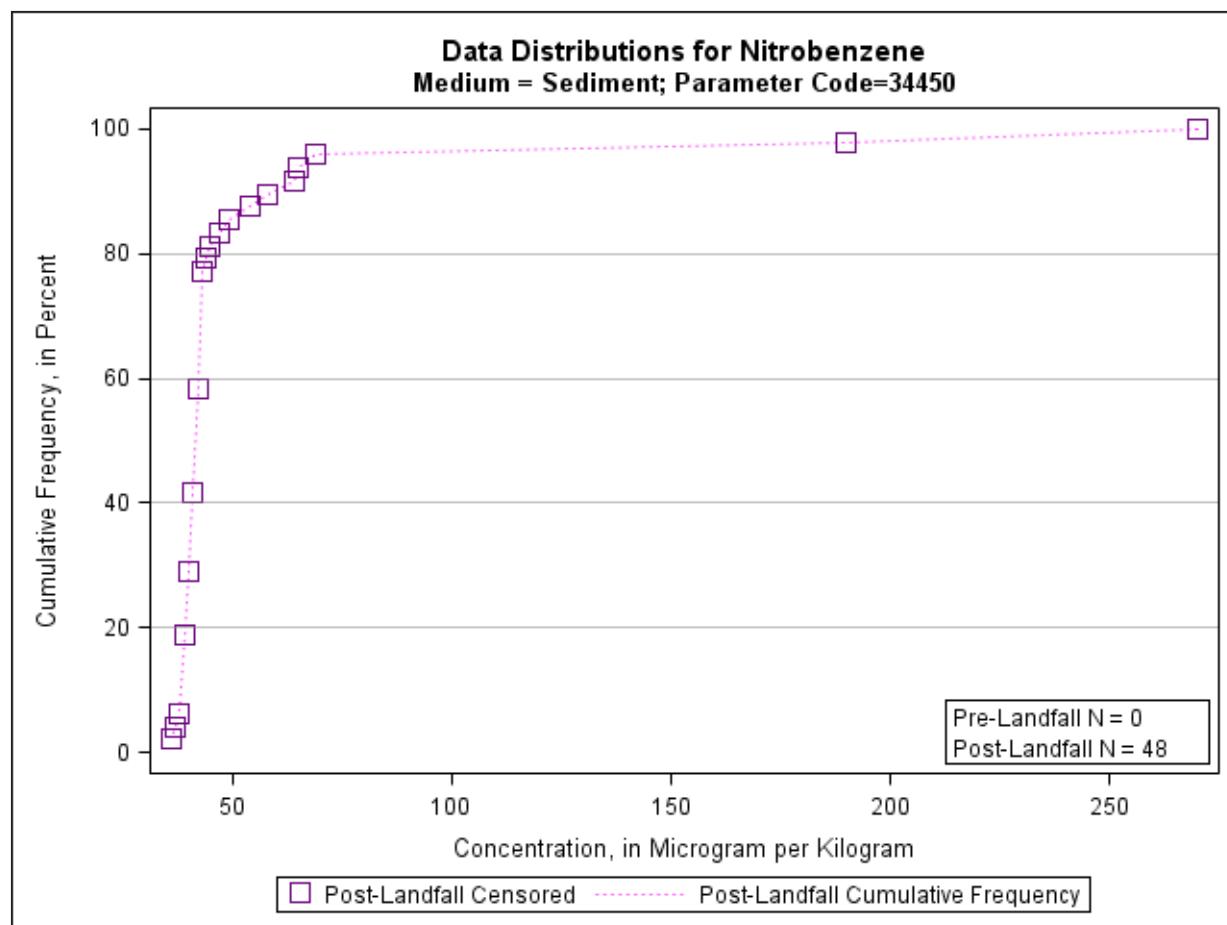
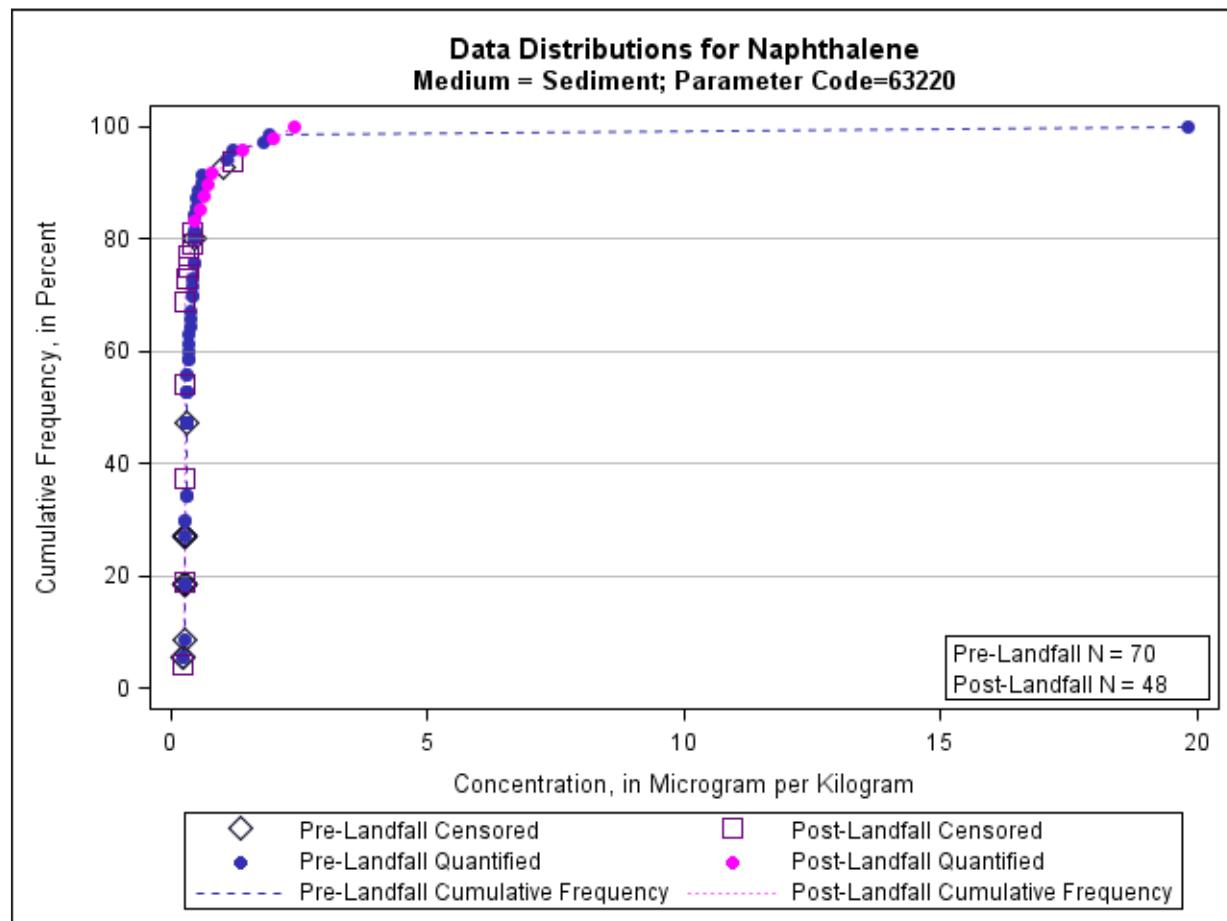


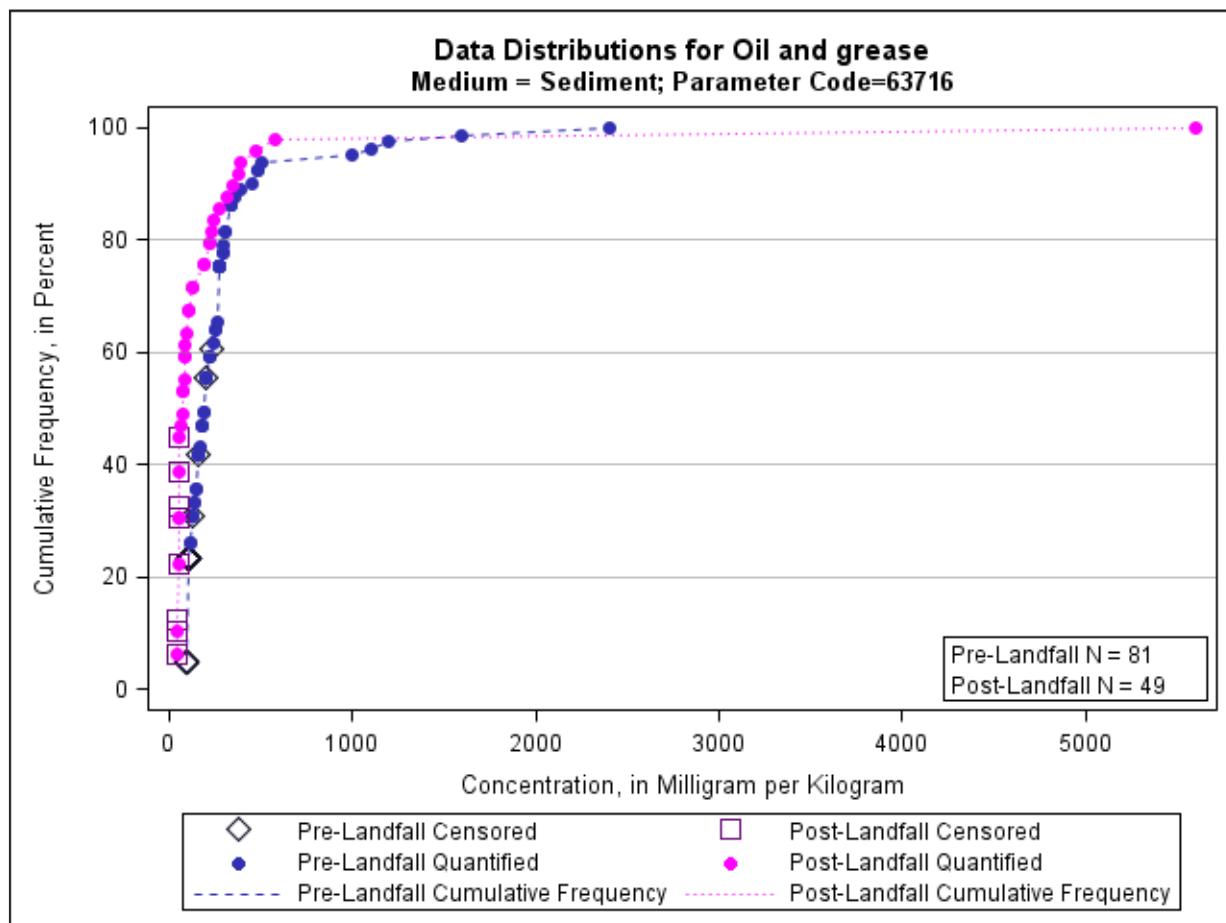
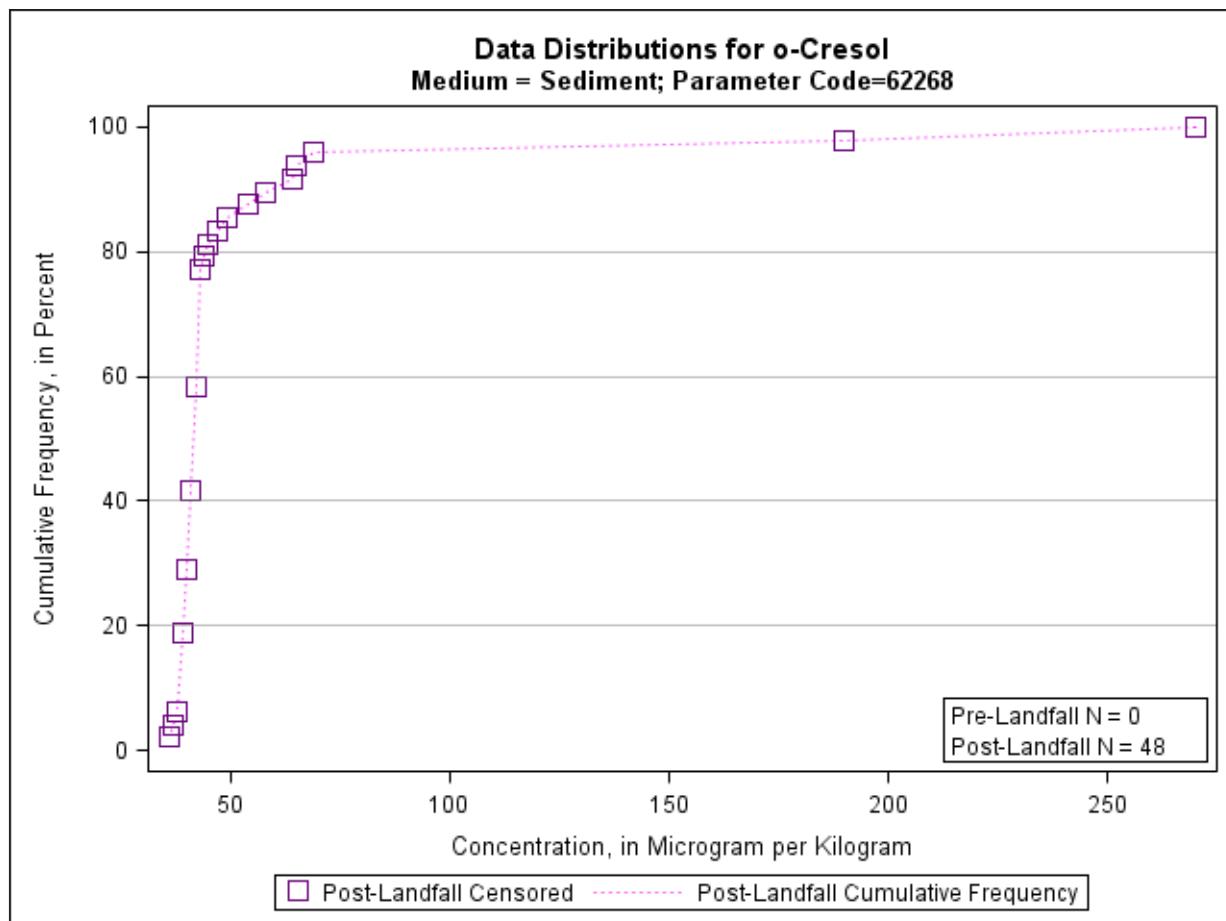


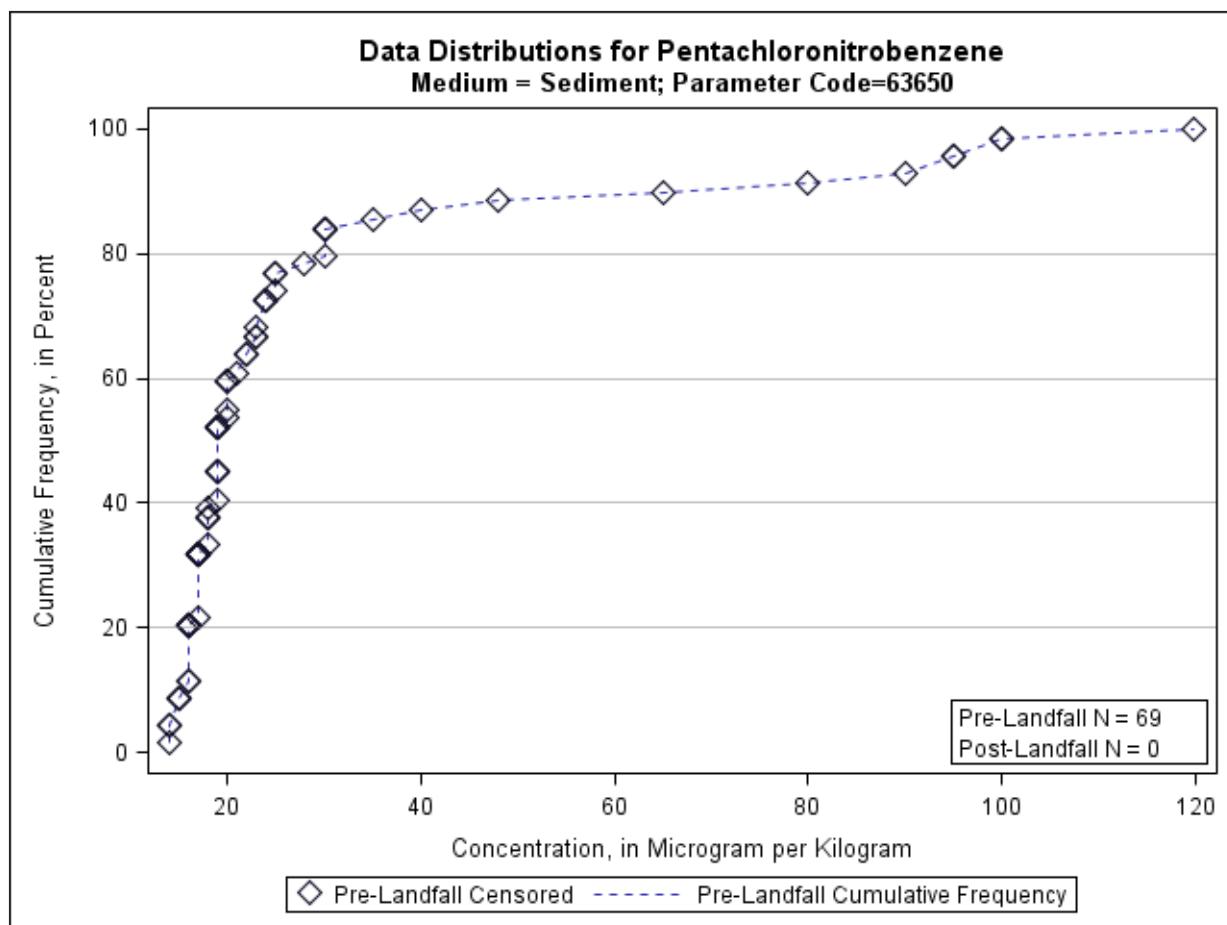
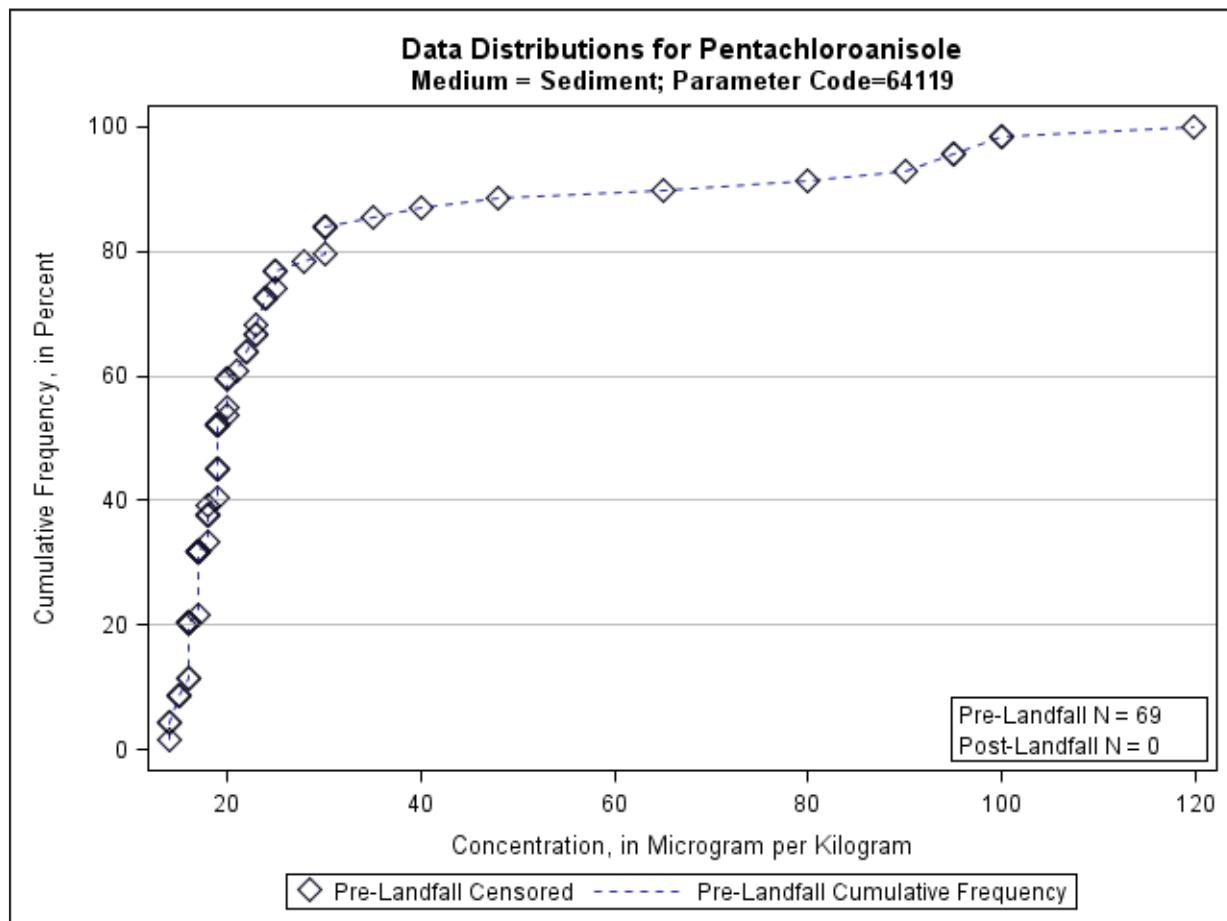


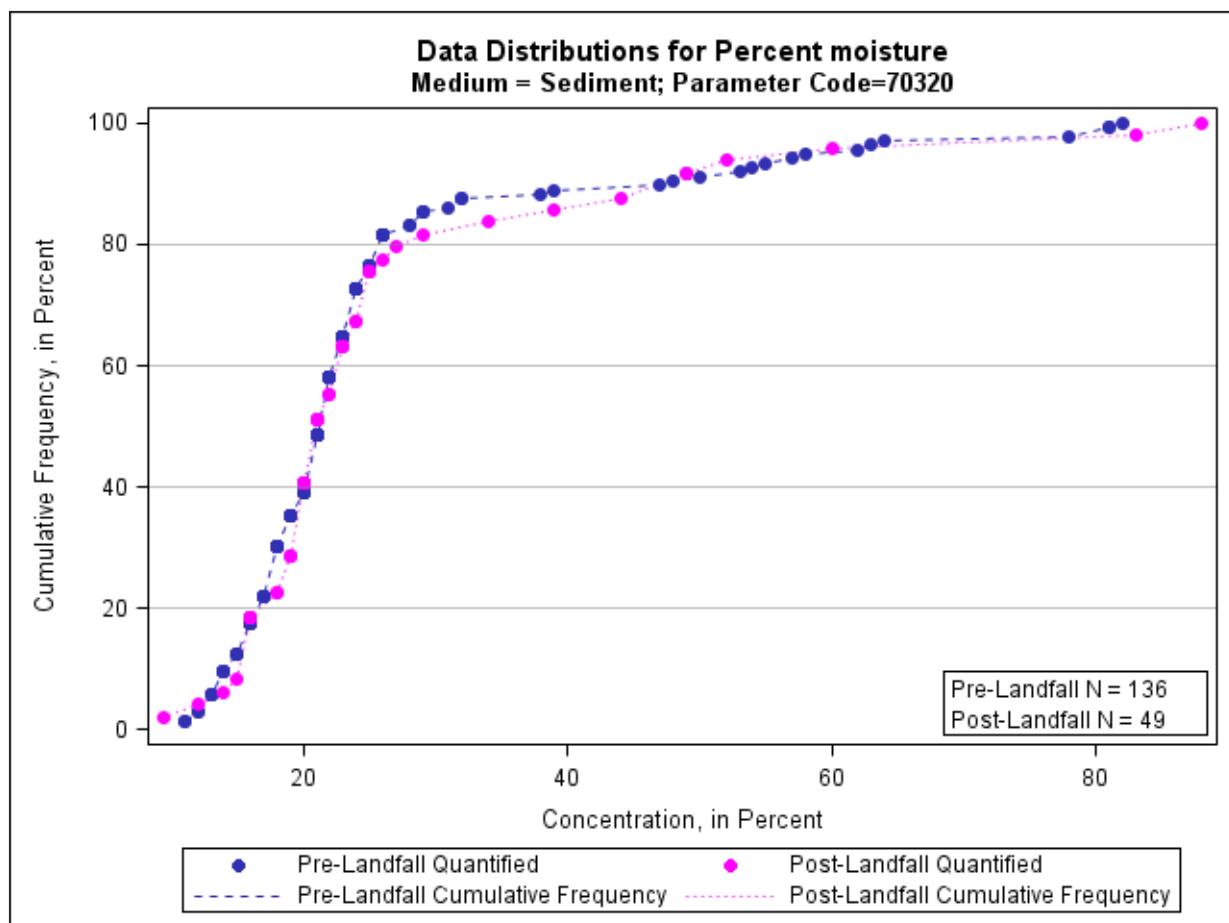
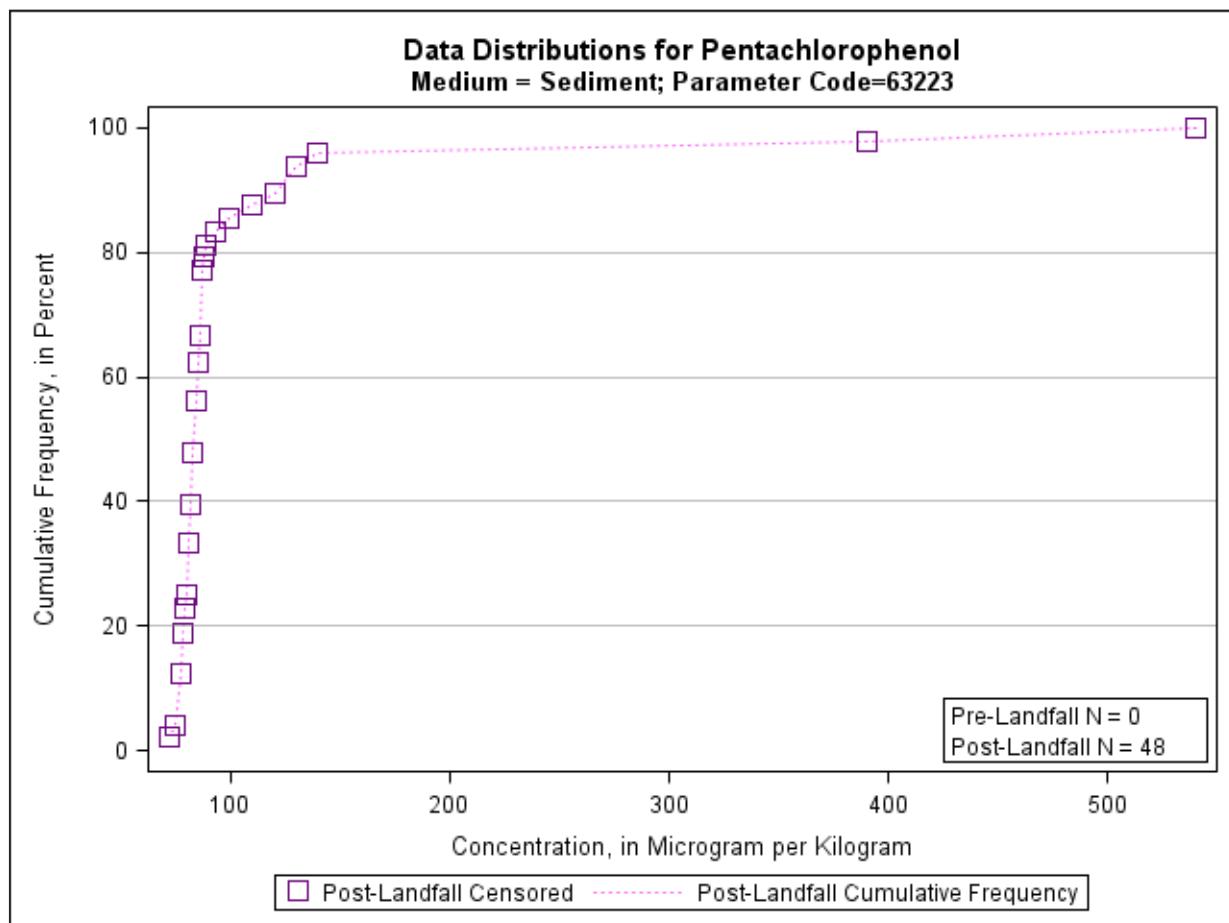


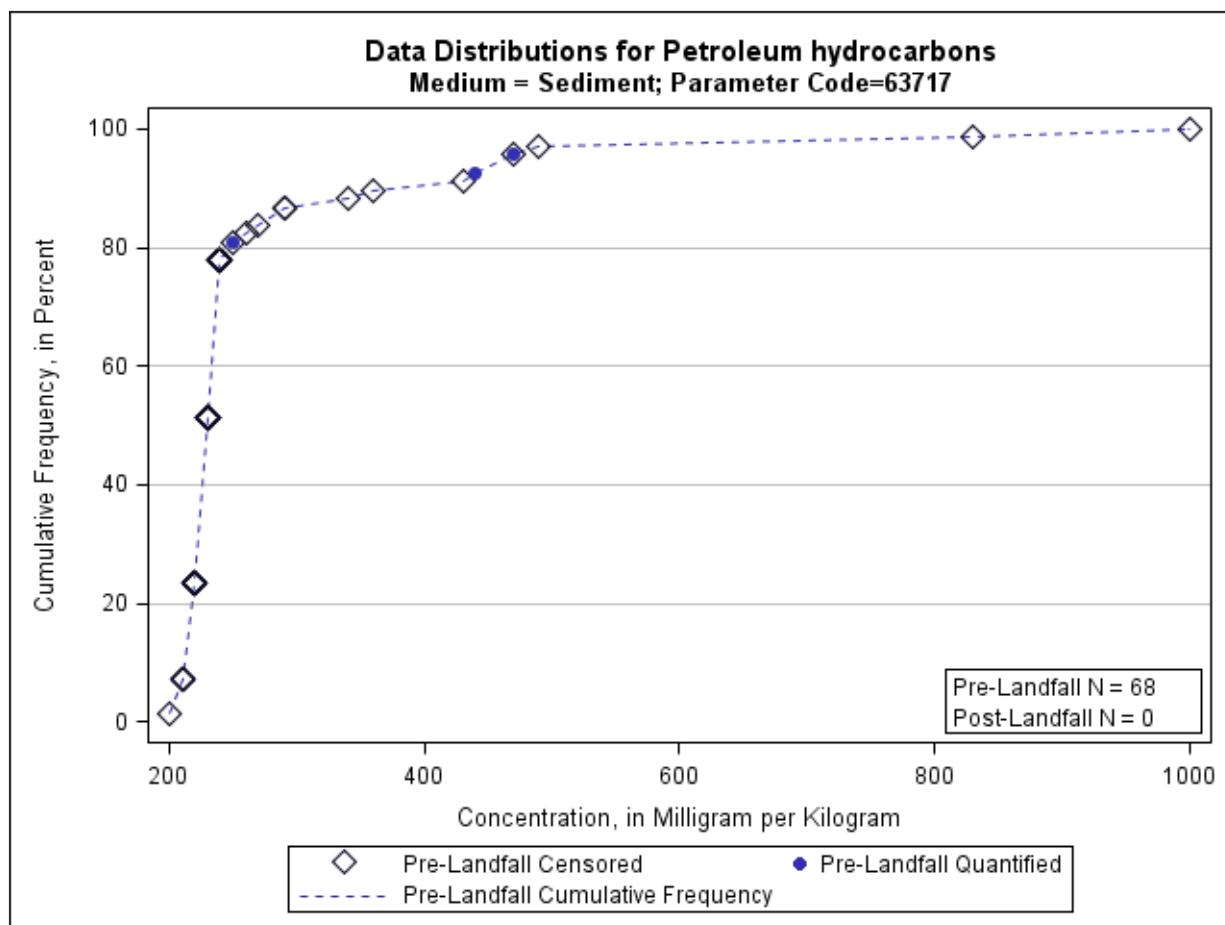
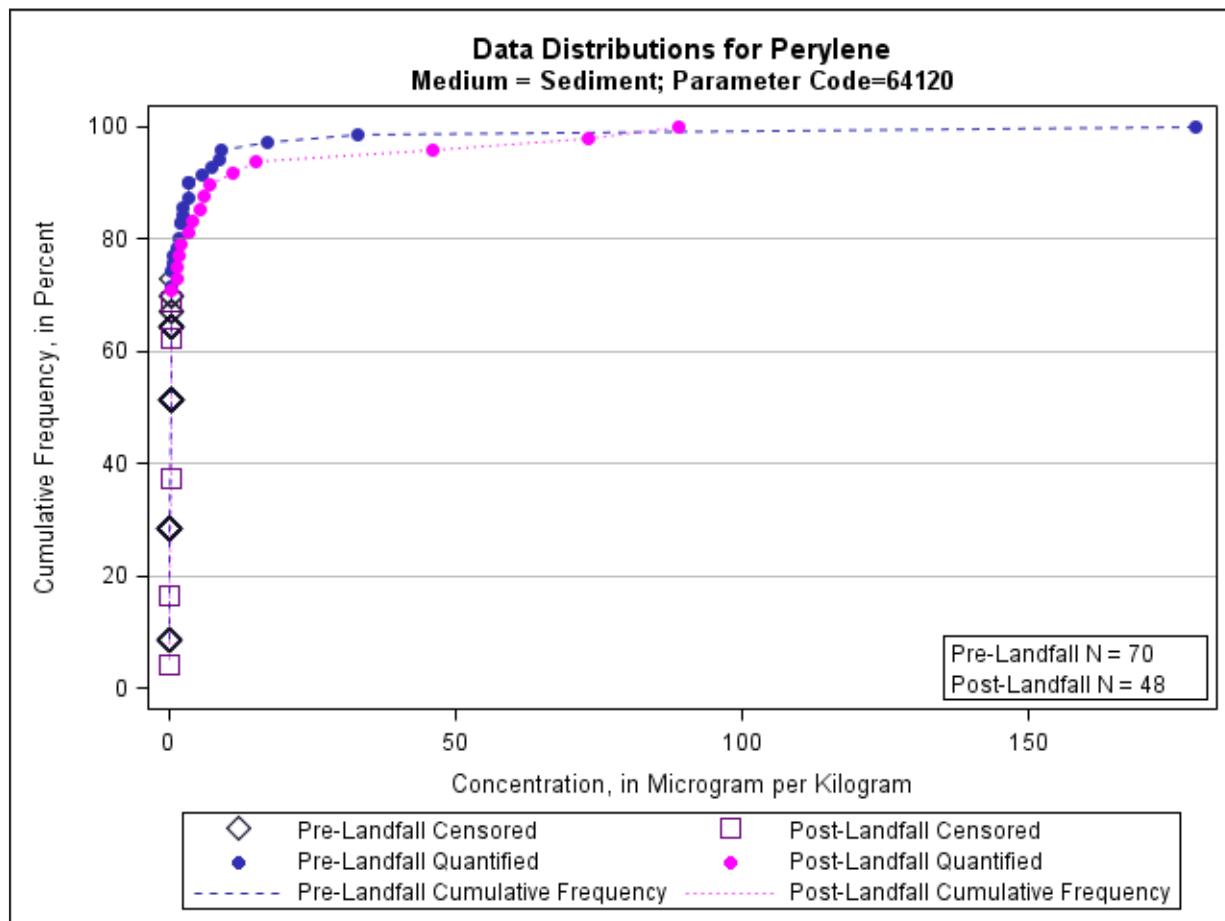


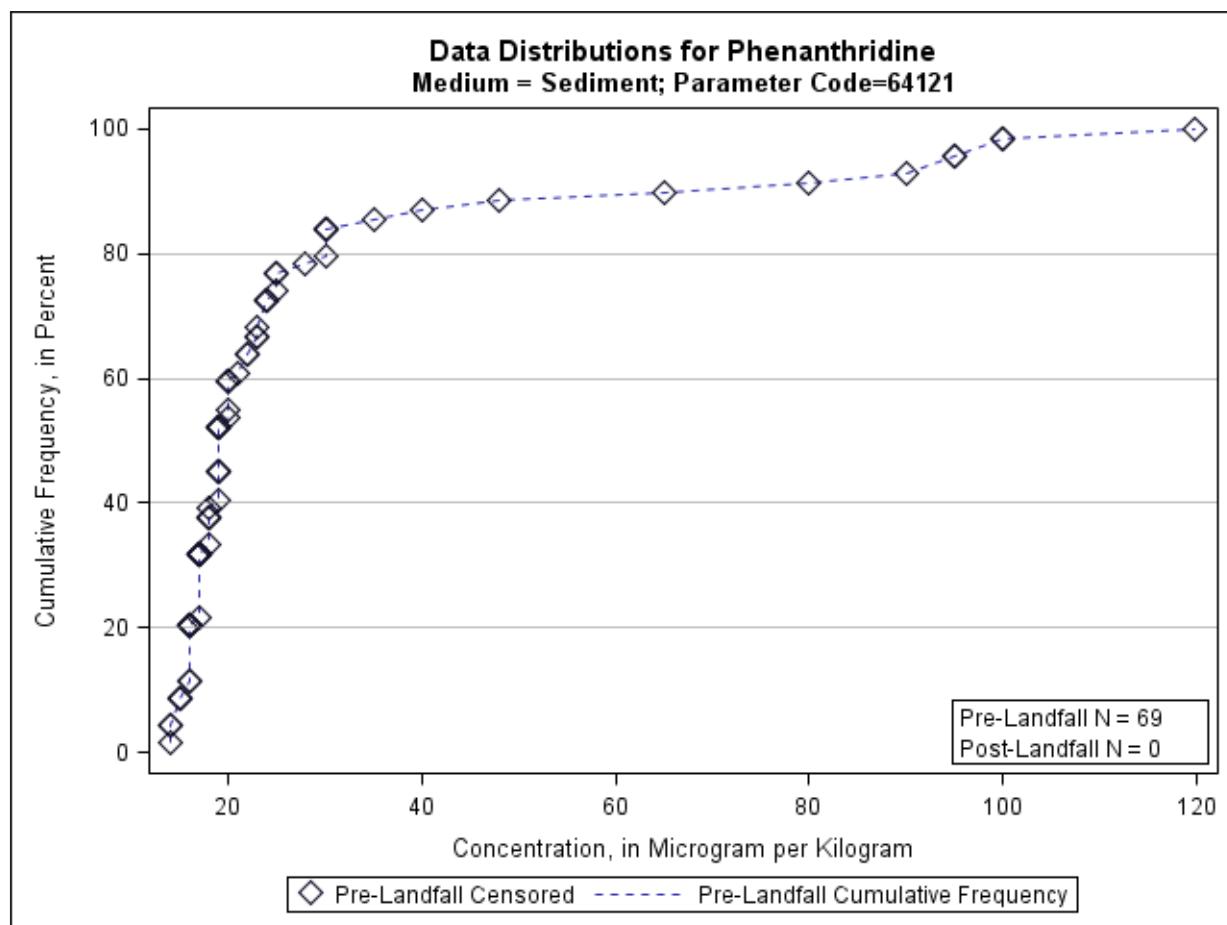
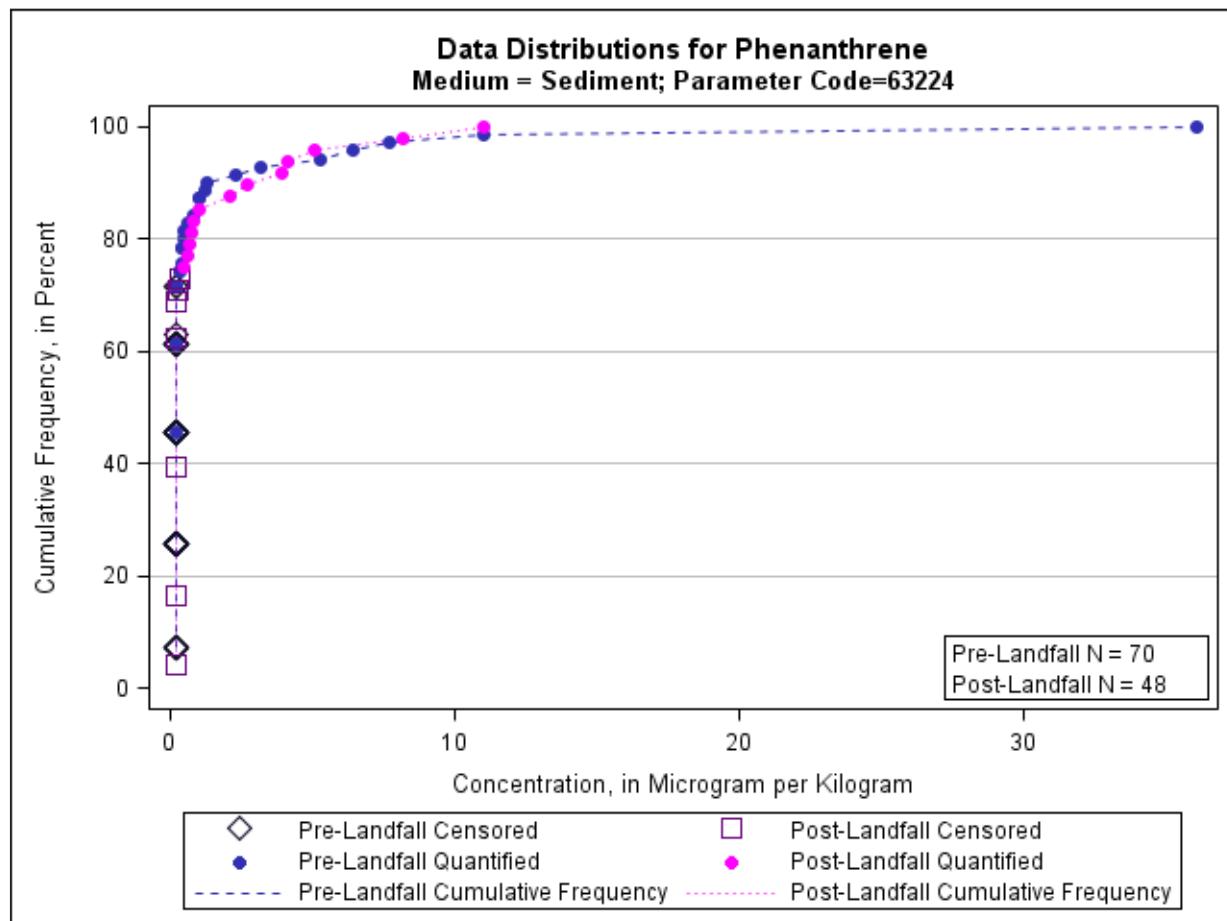


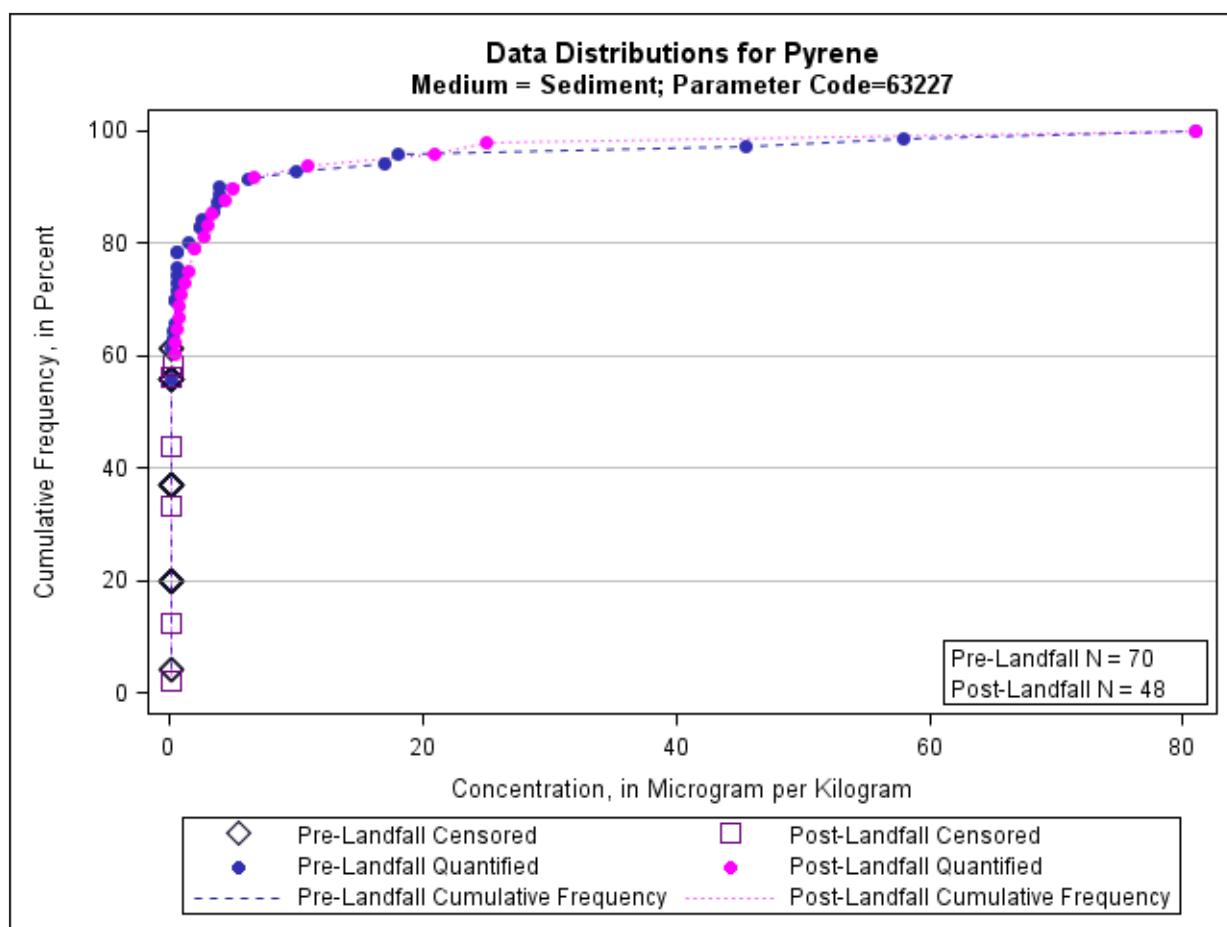
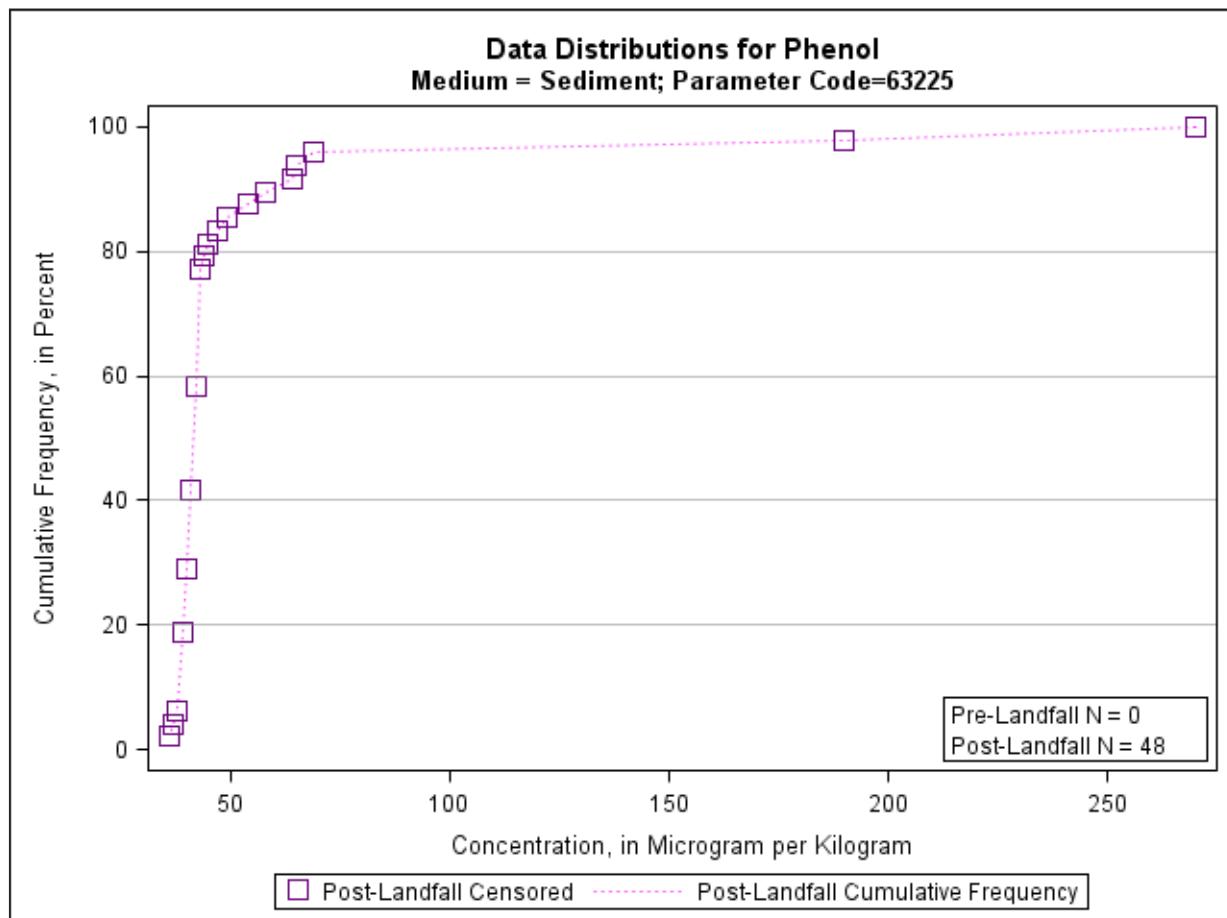


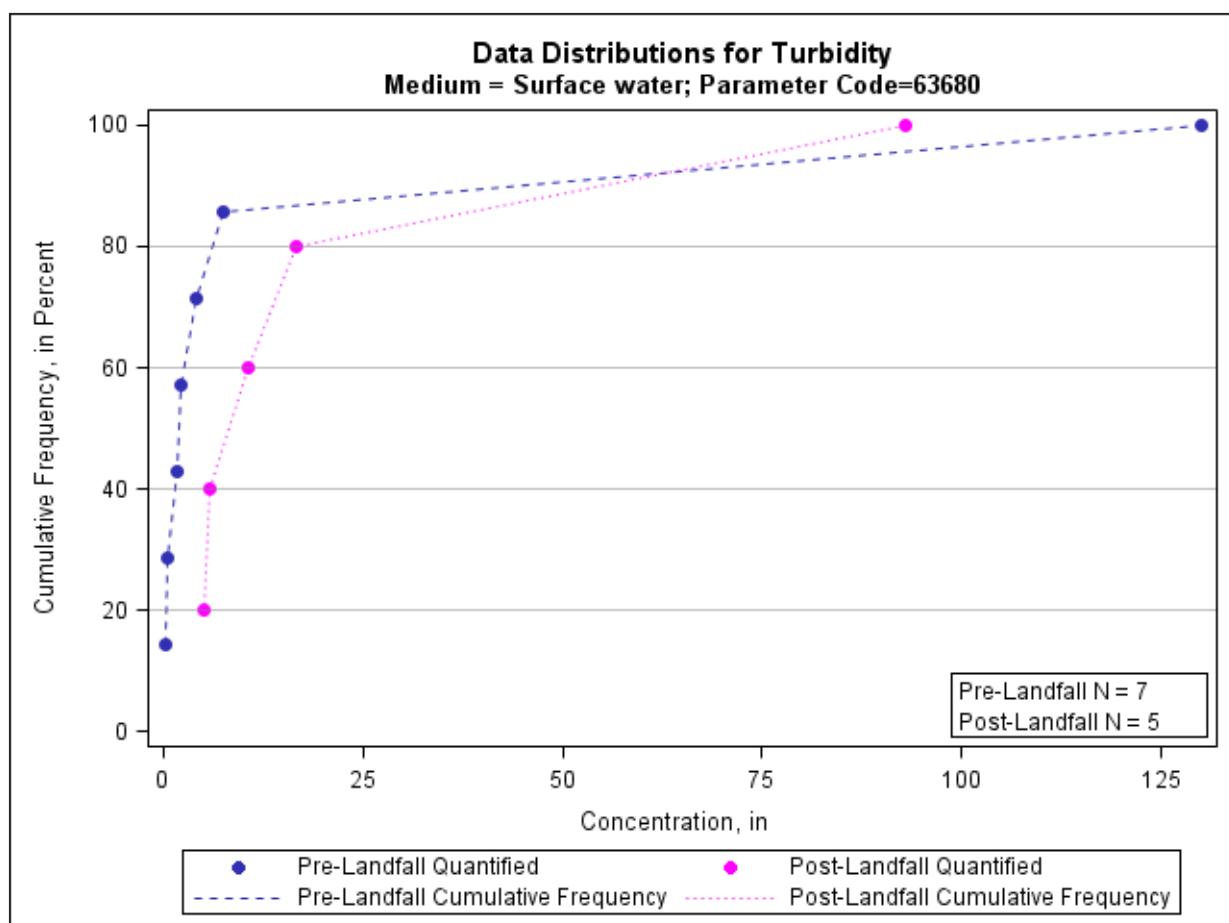
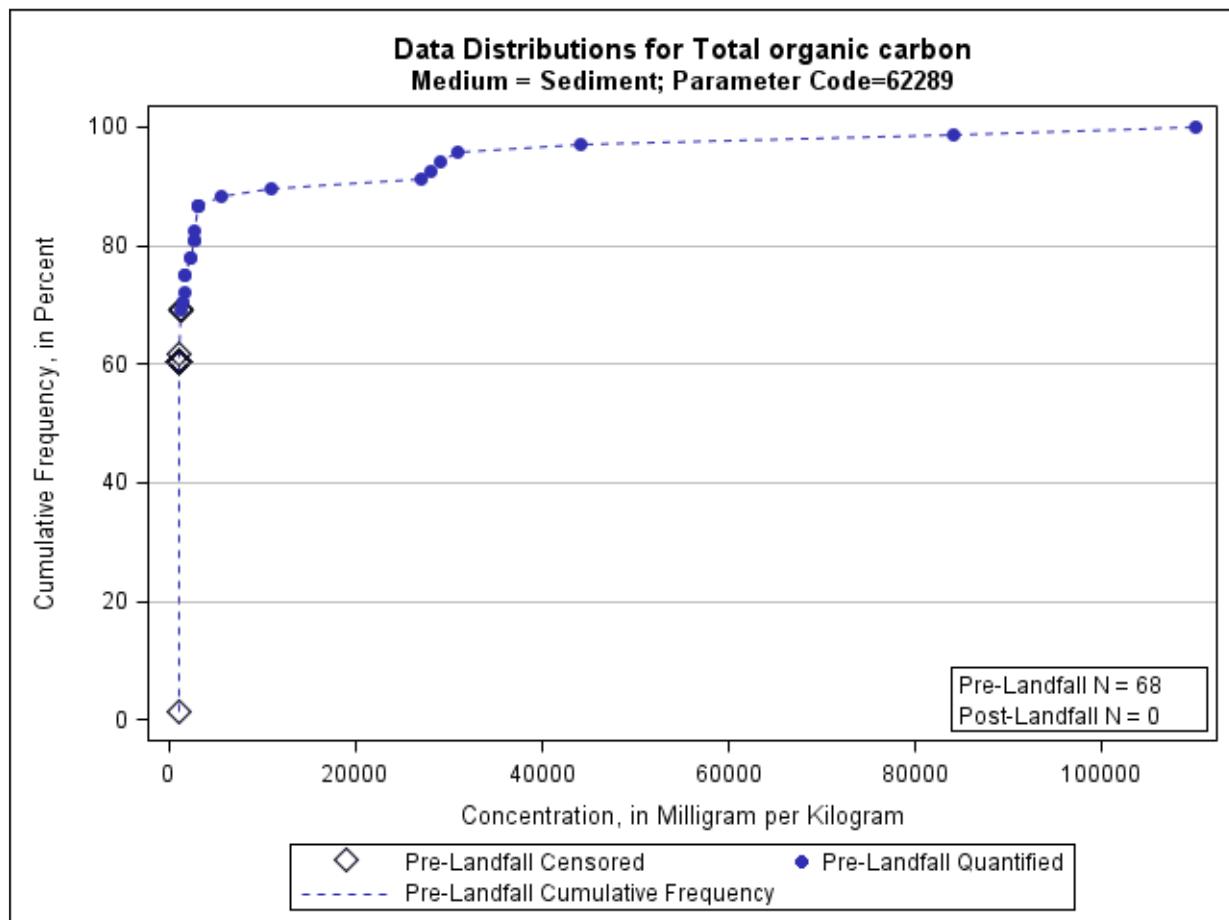








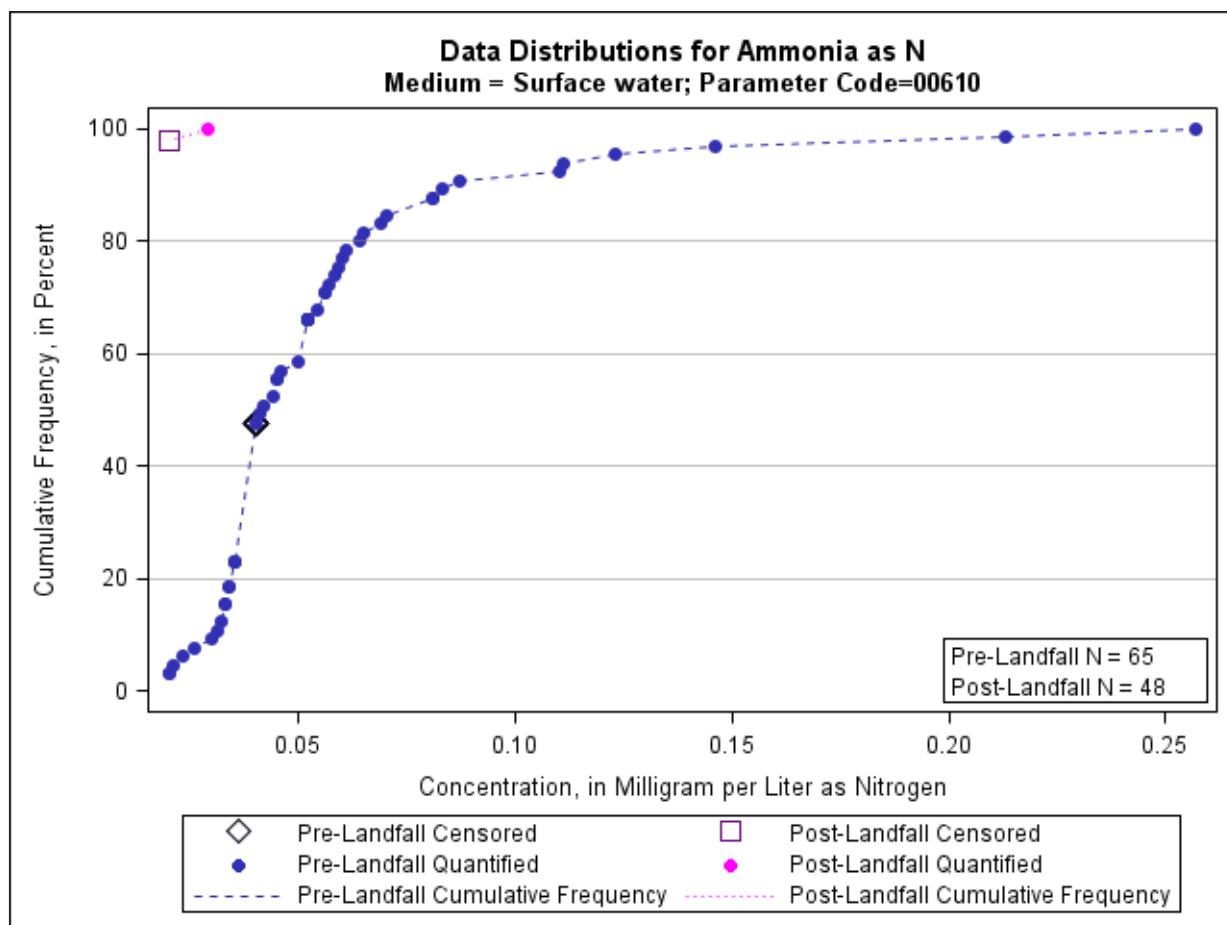
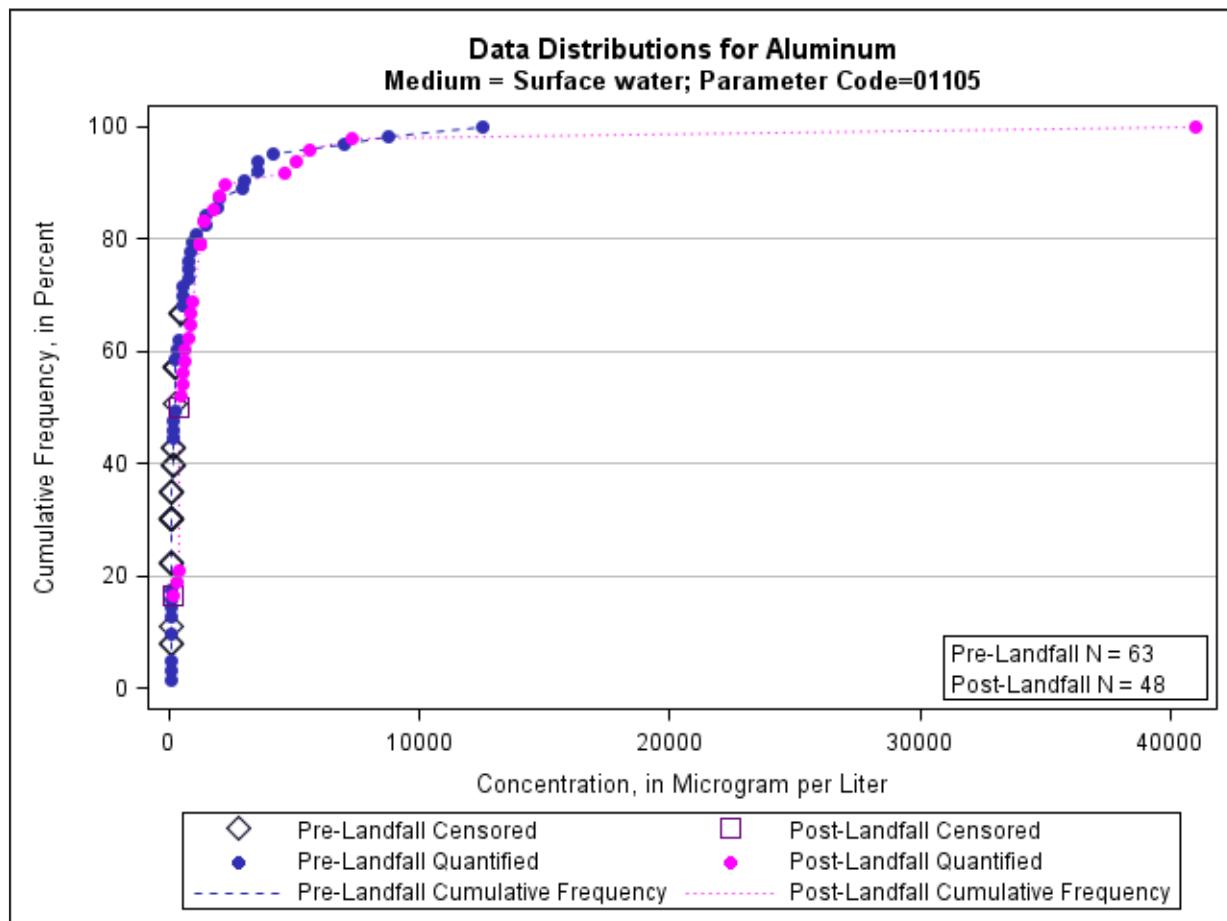


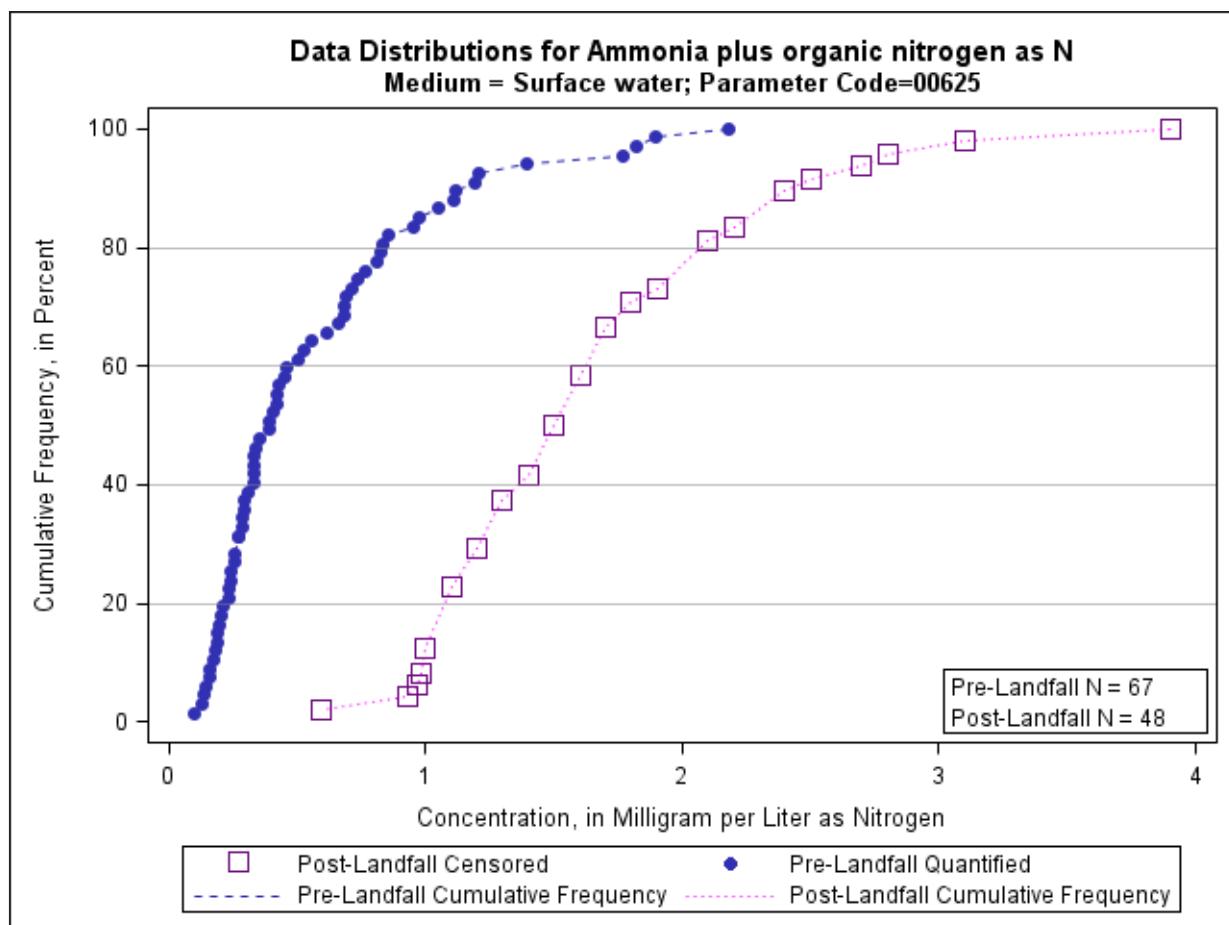
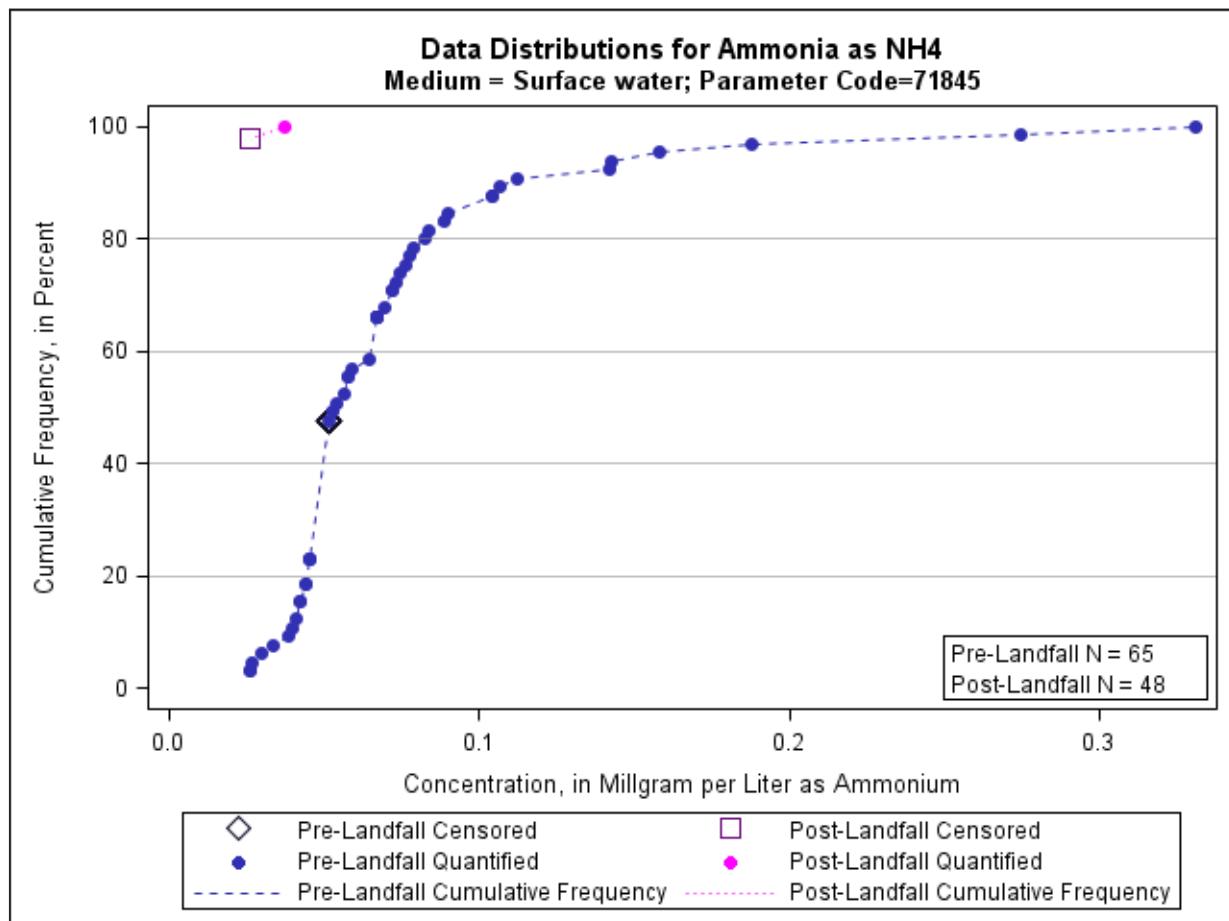


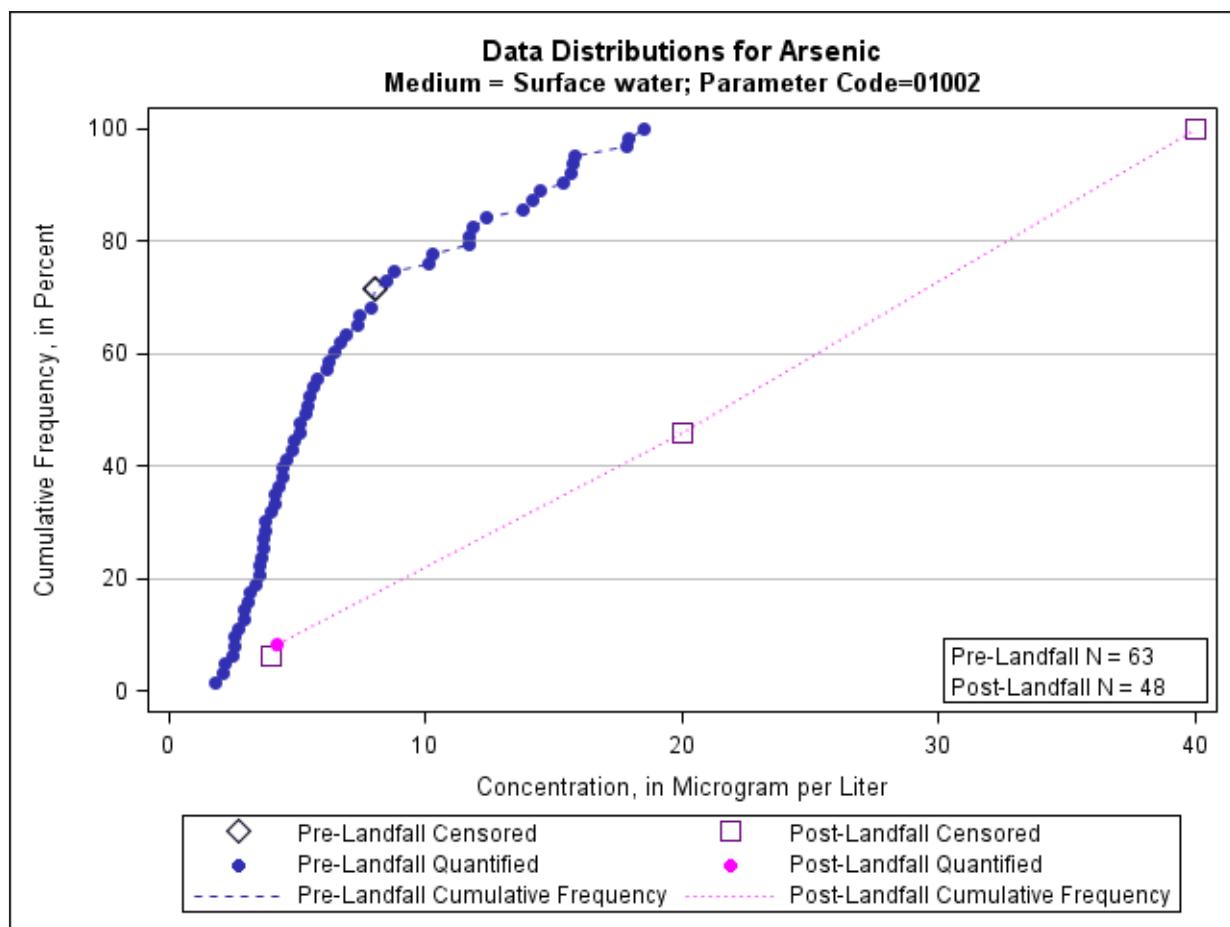
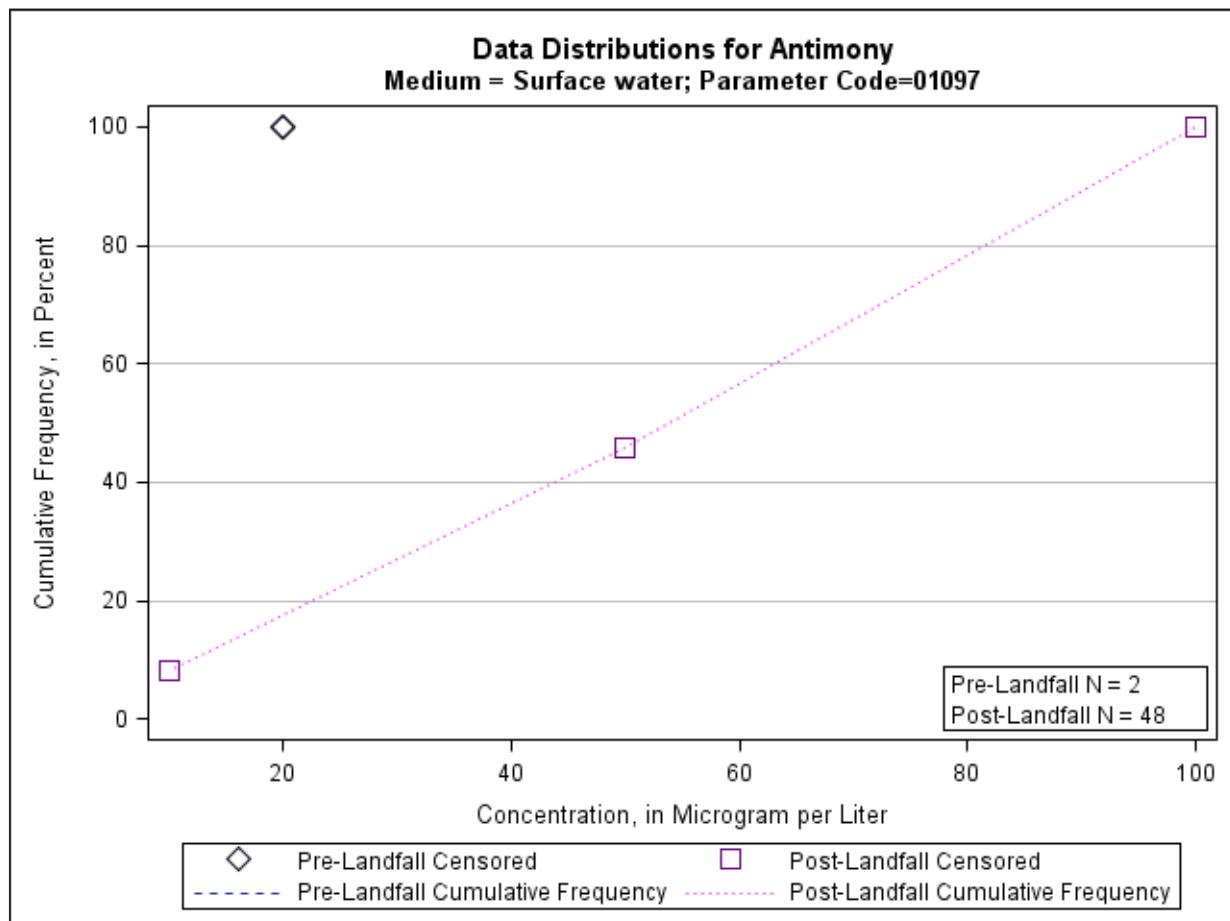
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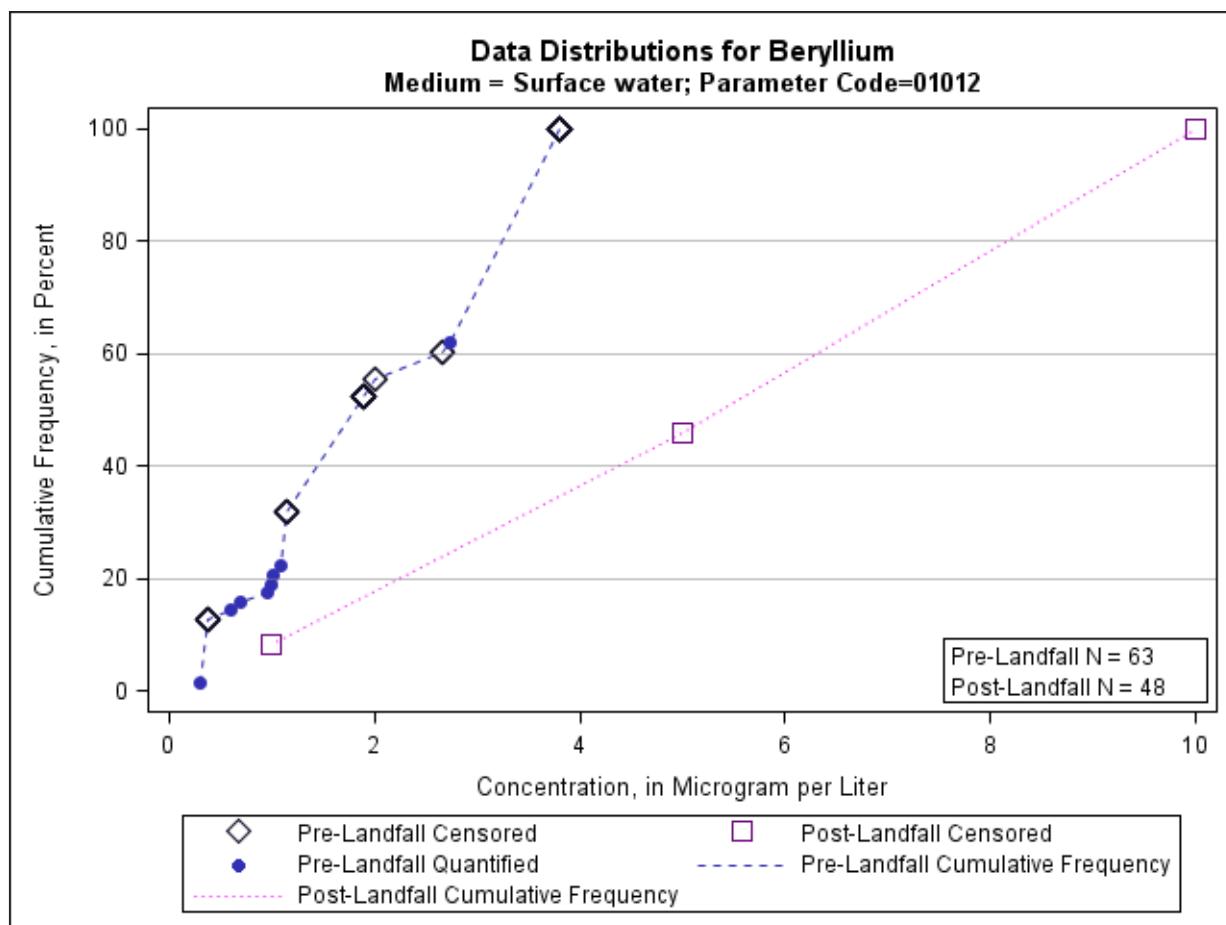
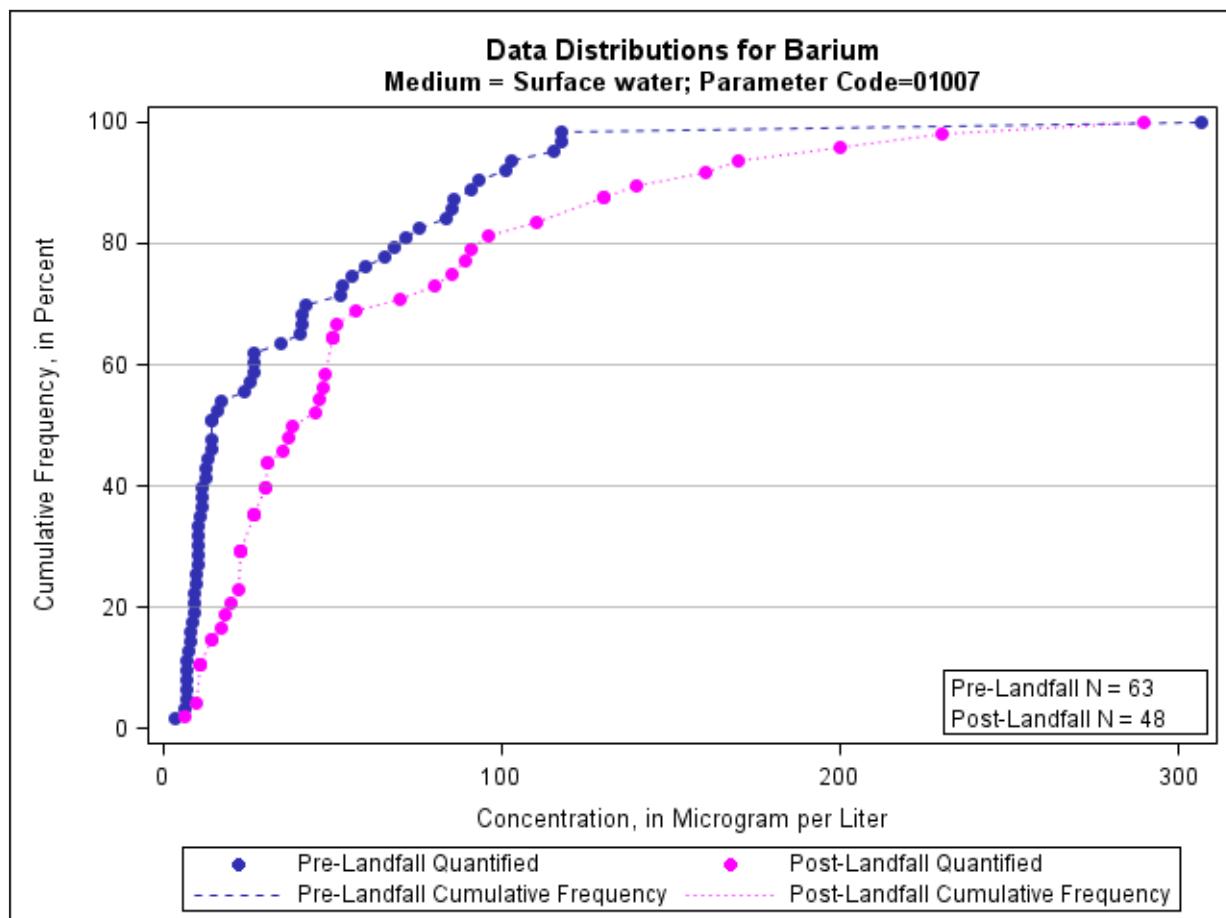
Appendix 2.3 Graphs Showing Data Distributions for Trace and Major Elements, Nutrients, and Specific Conductance in Water Sampled in Response to the Deepwater Horizon Oil Spill, 2010

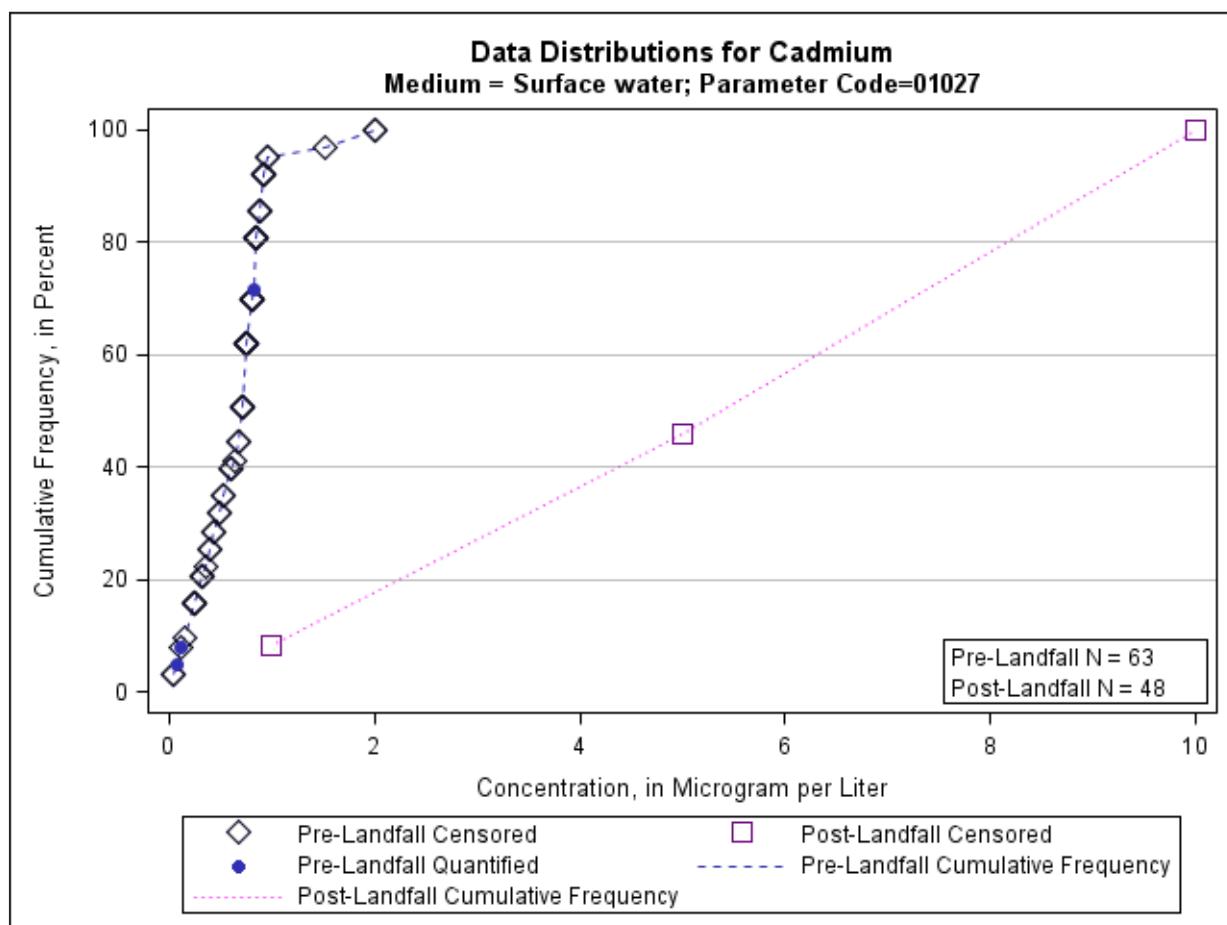
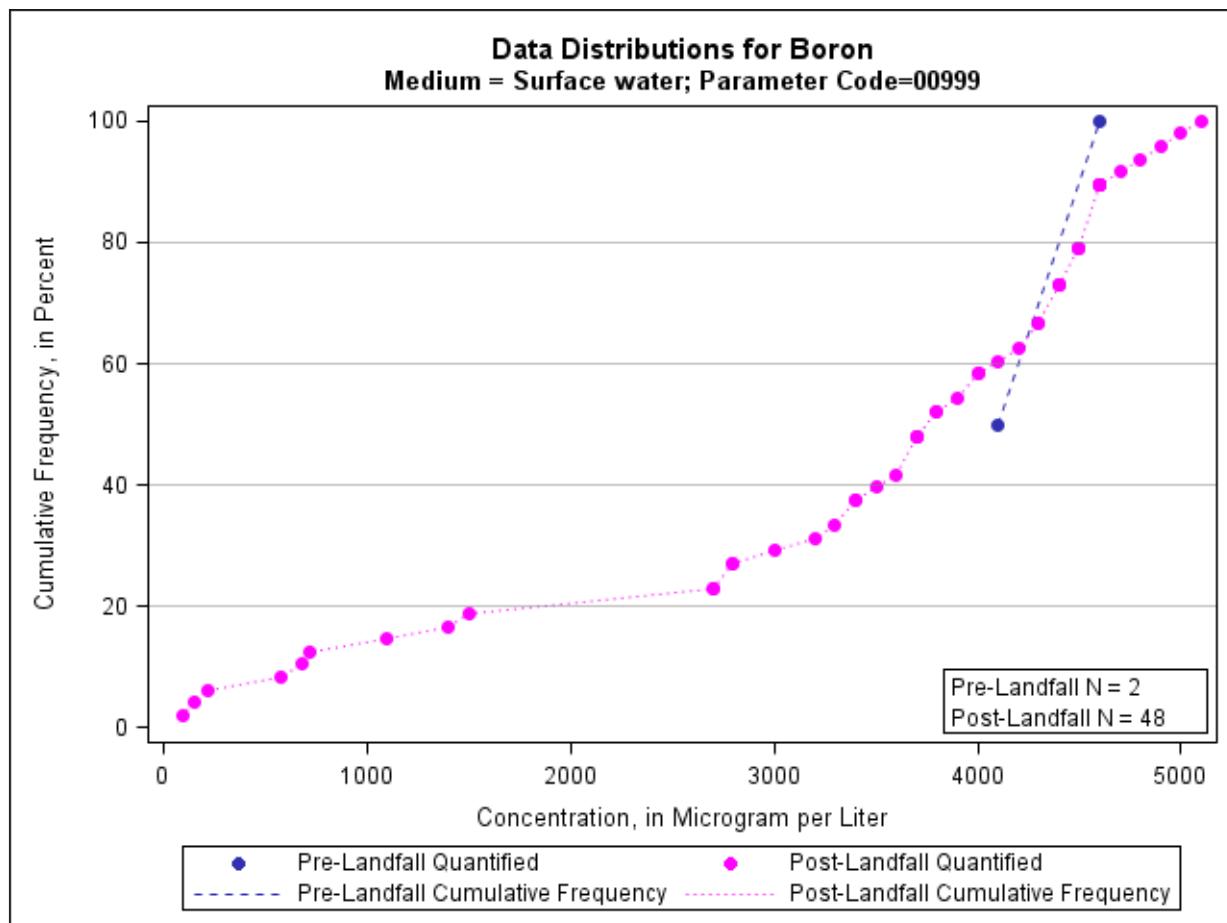
Aluminum.....	148
Ammonia as N	148
Ammonia as NH ₄	149
Ammonia plus organic nitrogen as N	149
Antimony.....	150
Arsenic.....	150
Barium	151
Beryllium.....	151
Boron	152
Cadmium.....	152
Calcium.....	153
Chromium	153
Cobalt	154
Copper	154
Dissolved nitrogen.....	155
Iron	155
Lead	156
Lithium	156
Magnesium	157
Manganese.....	157
Mercury	158
Molybdenum	158
Nickel	159
Organic nitrogen	159
Phosphorus as P	160
Potassium.....	160
Selenium.....	161
Silver	161
Sodium.....	162
Specific conductance	162
Strontium.....	163
Thallium	163
Vanadium.....	164
Zinc	164

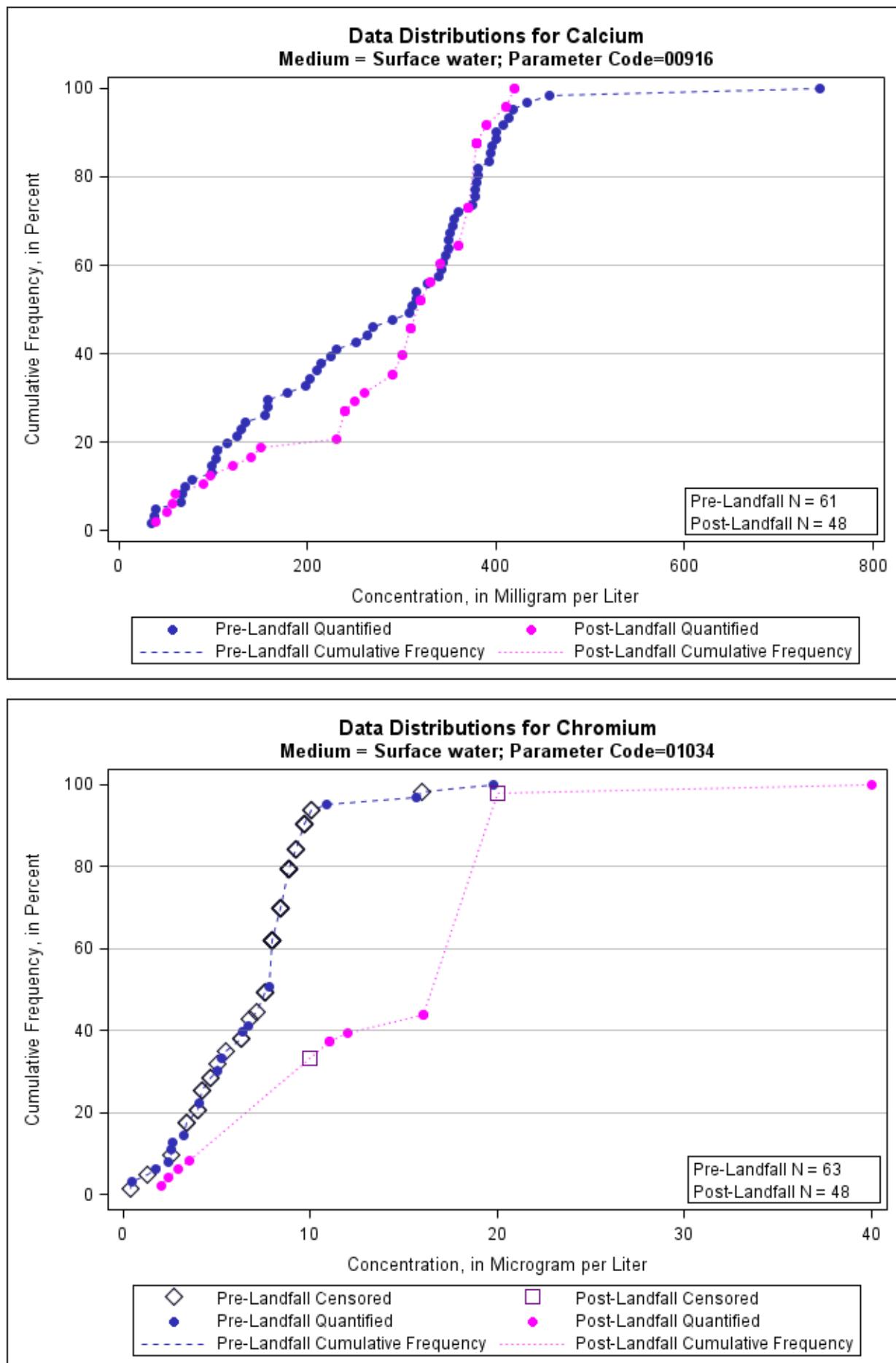


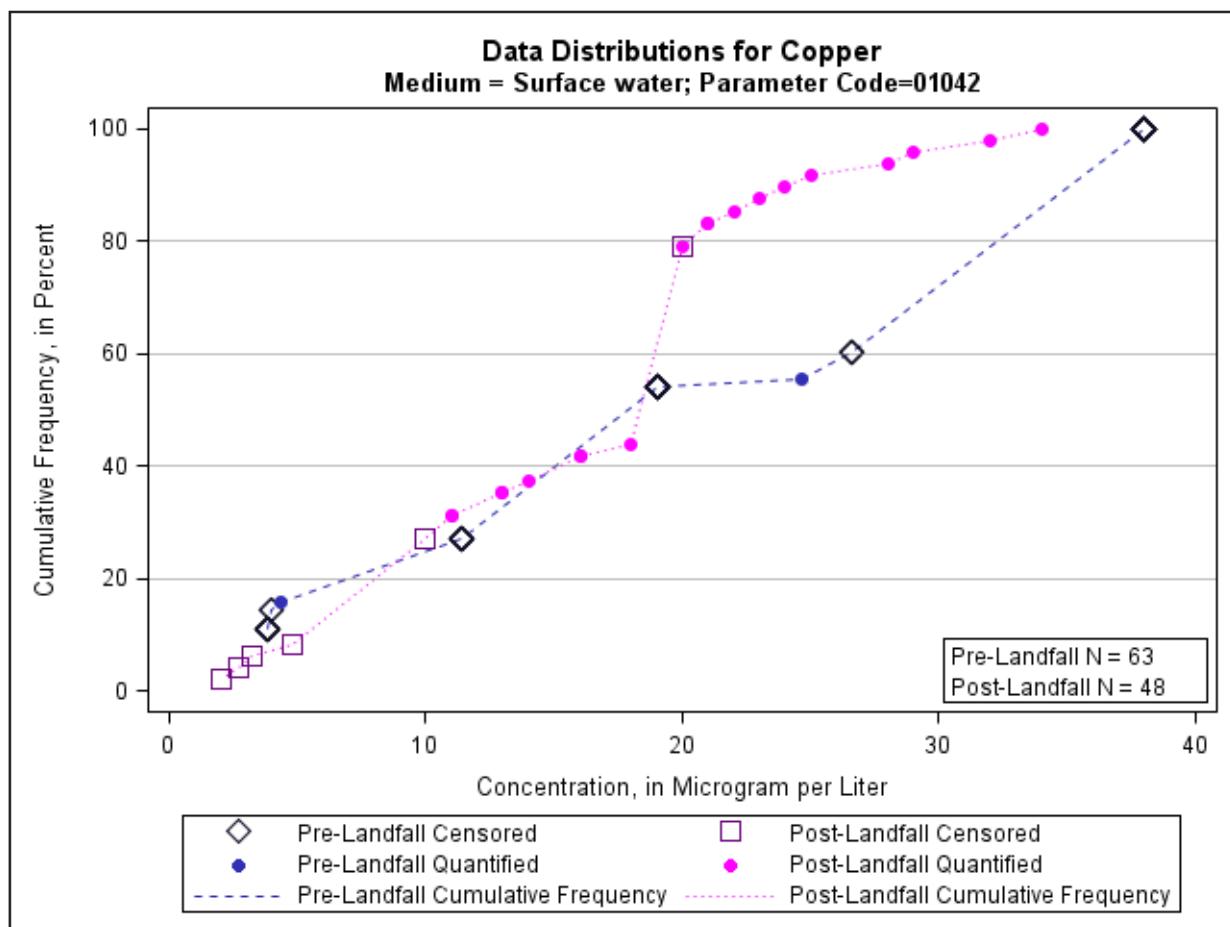
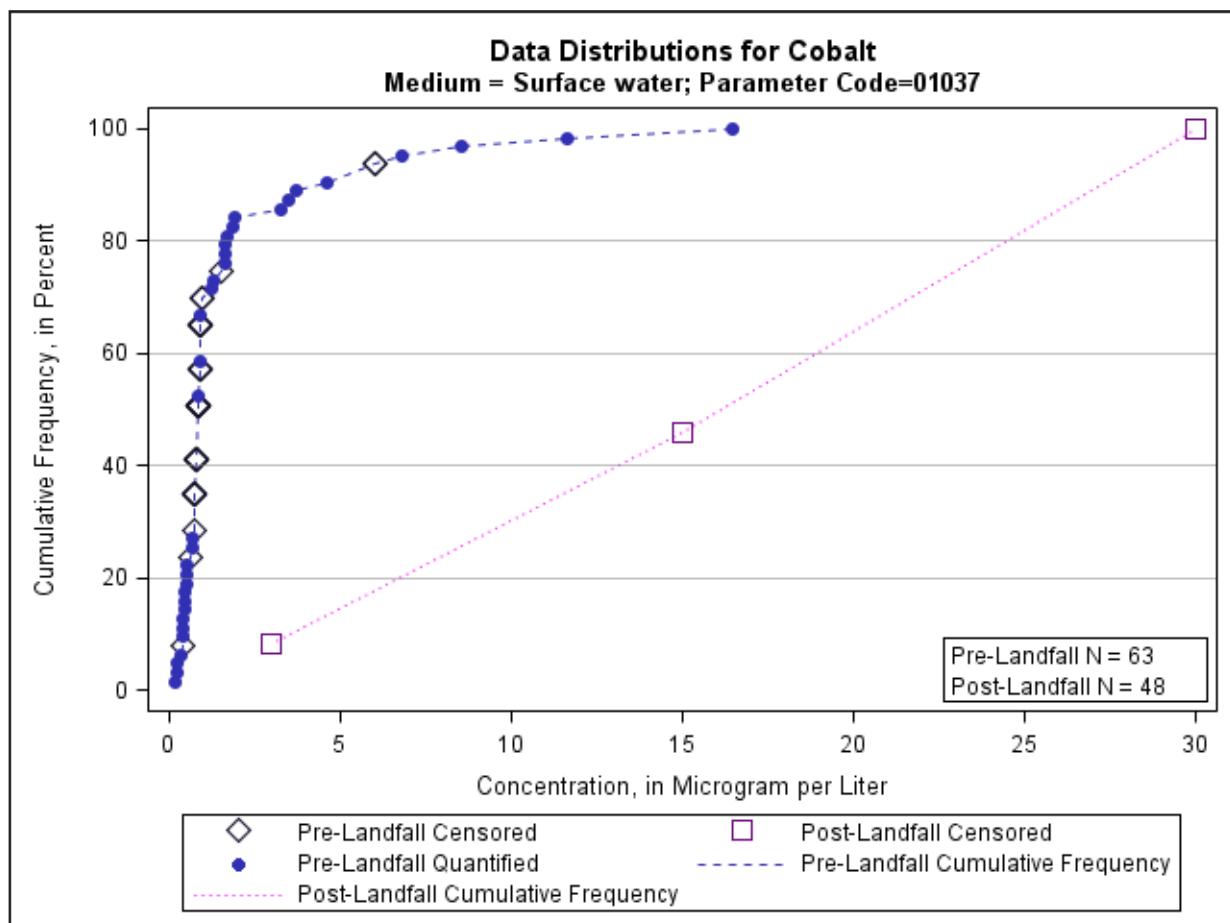


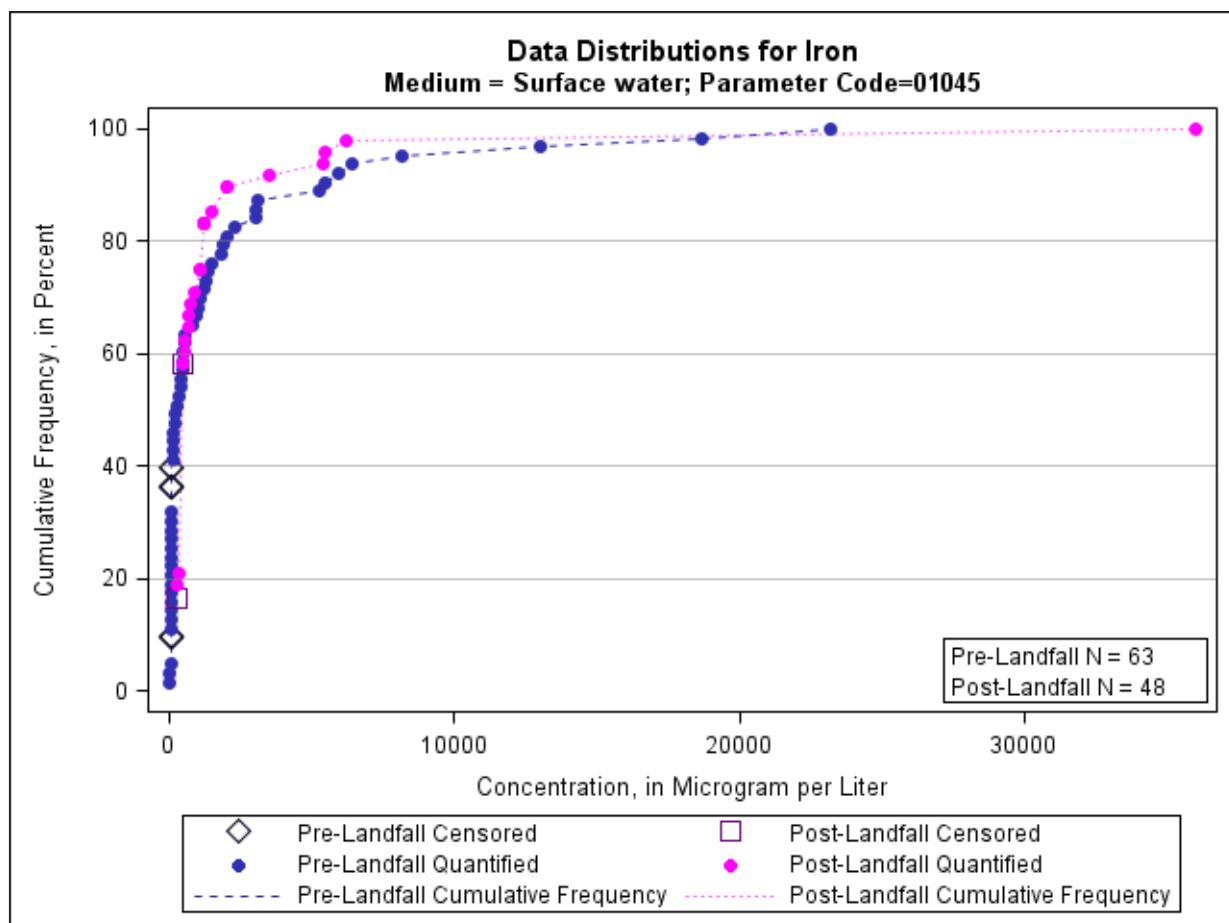
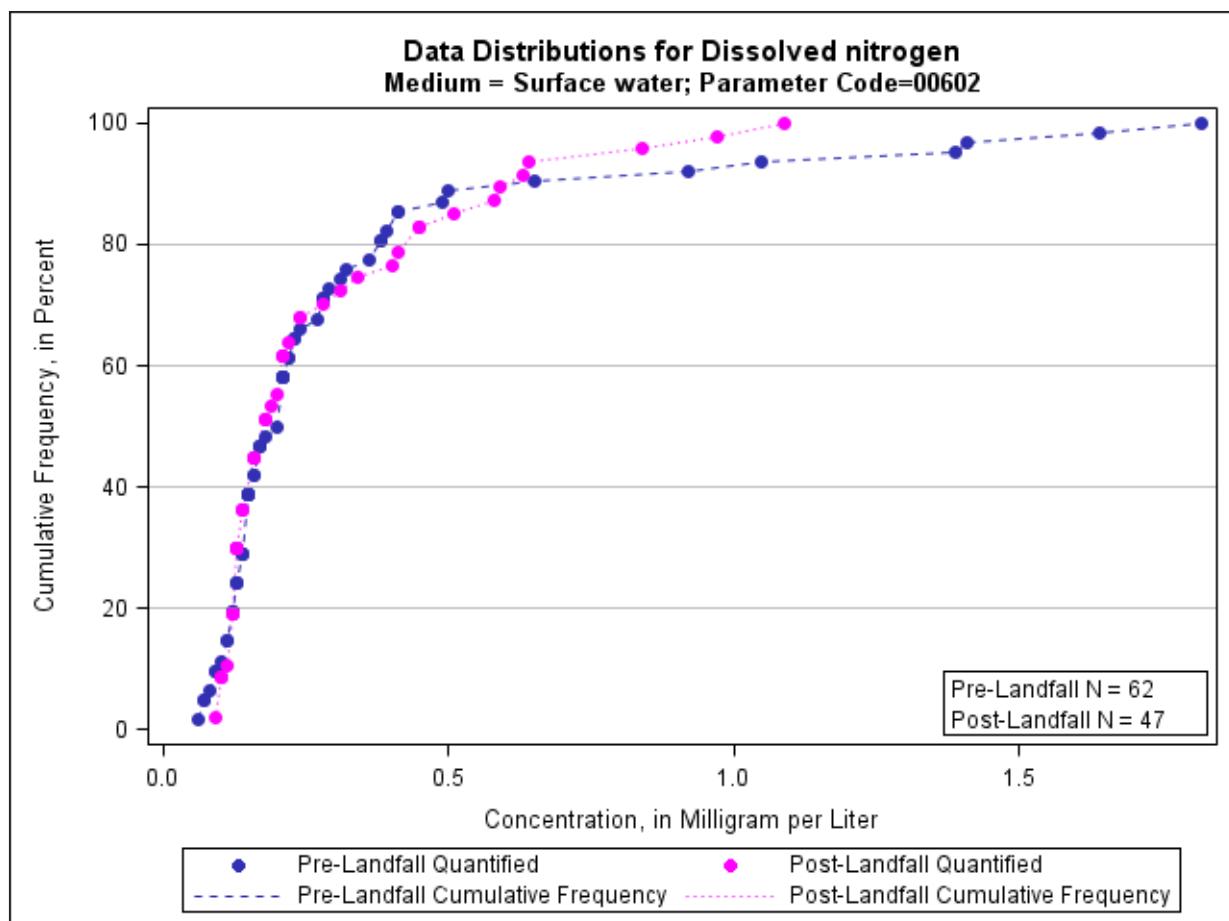


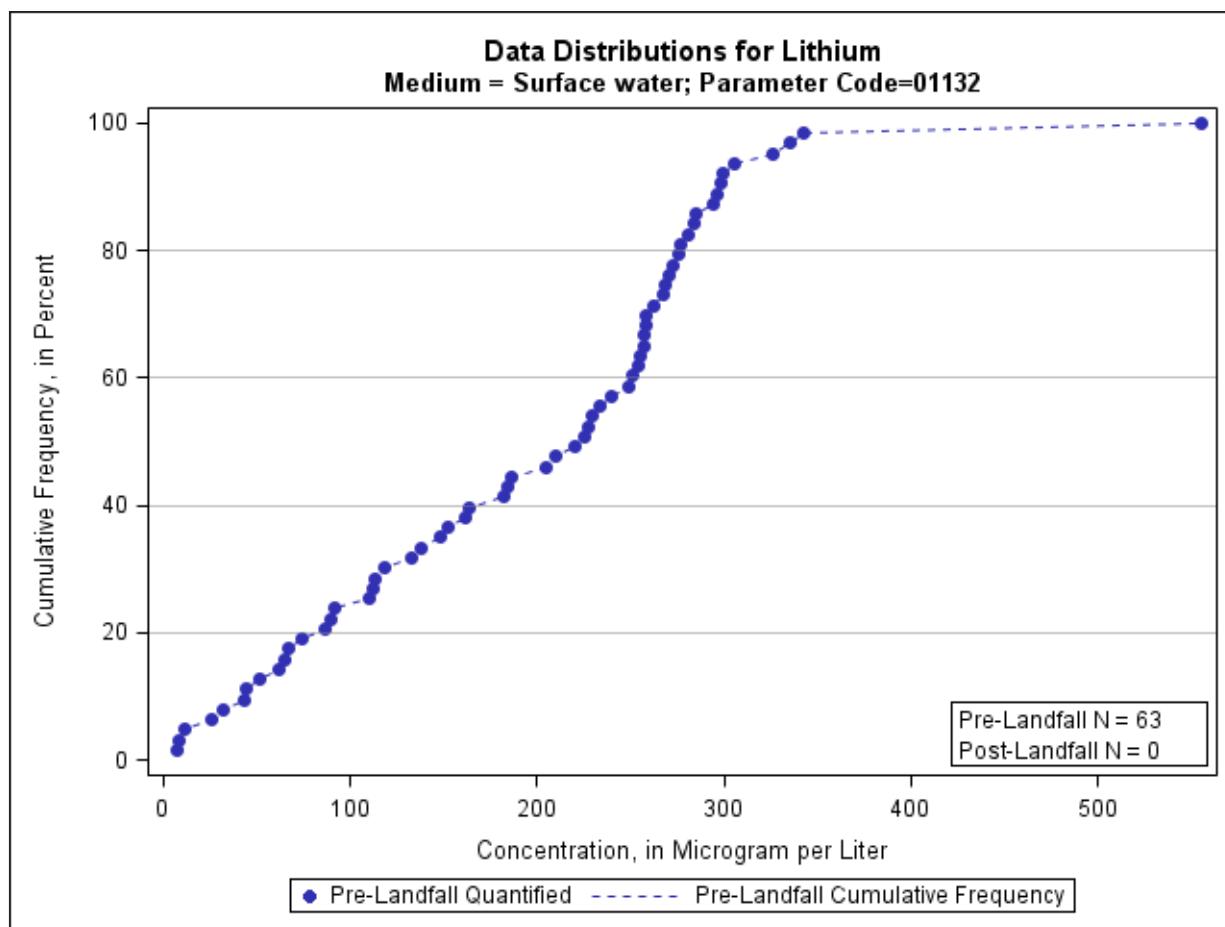
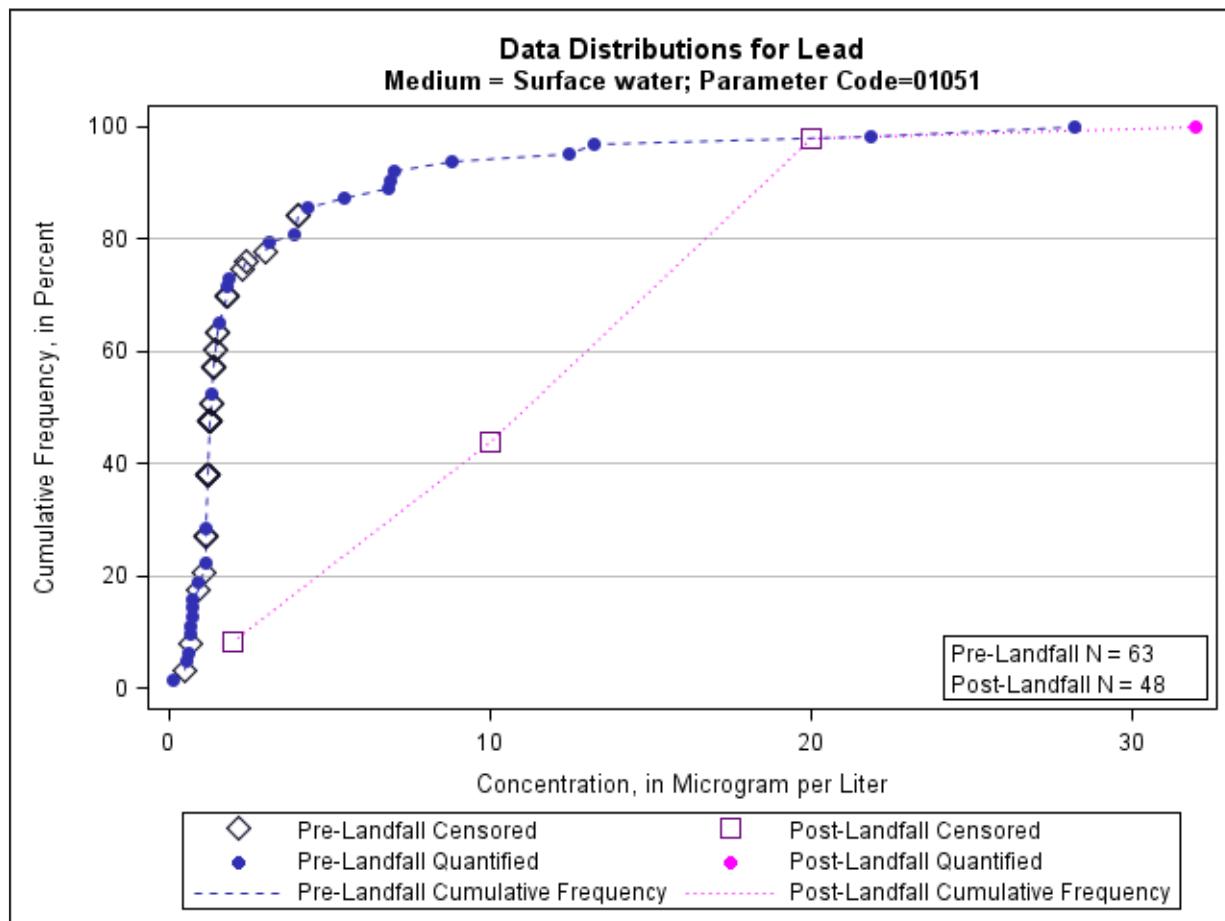


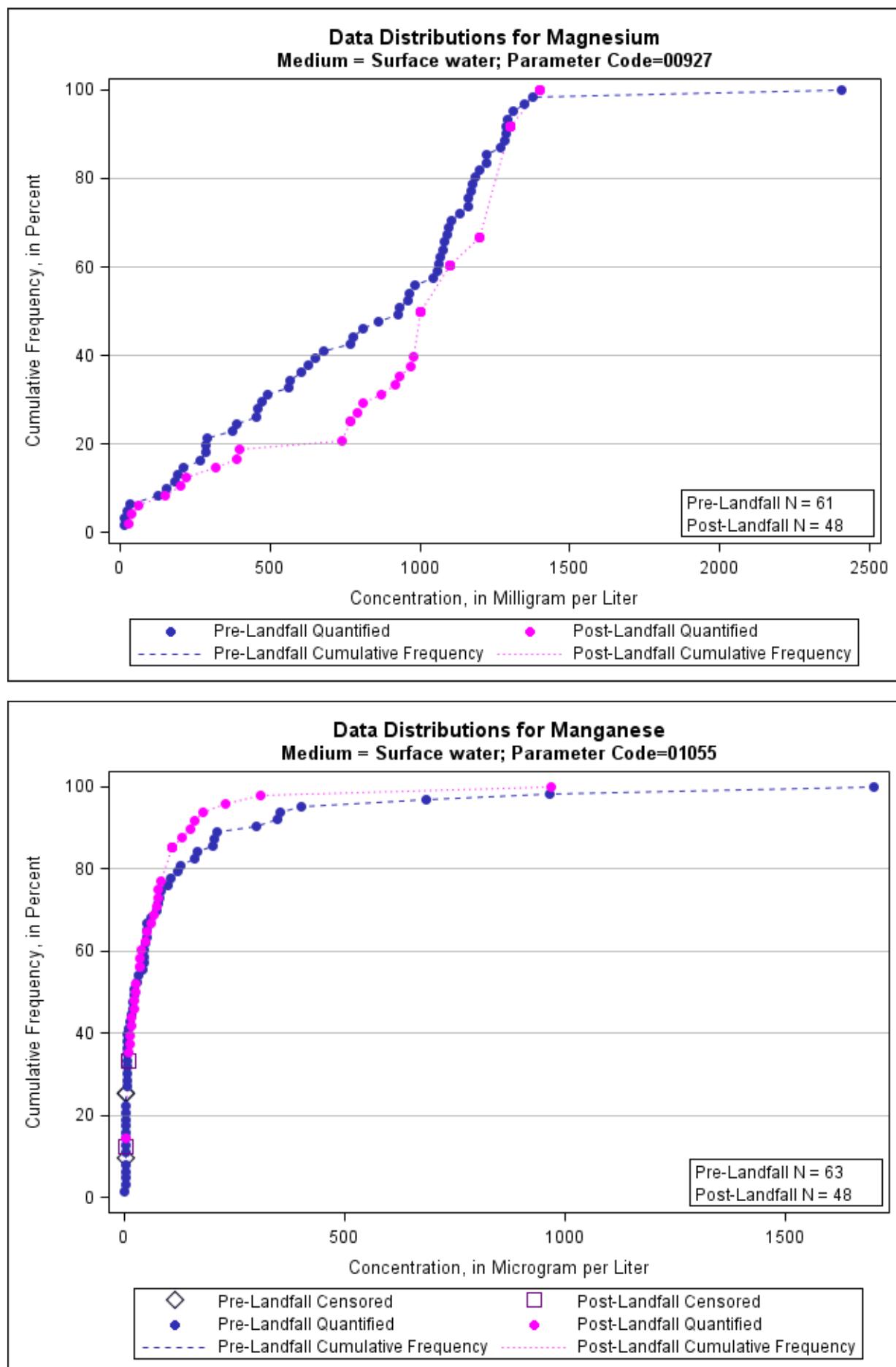


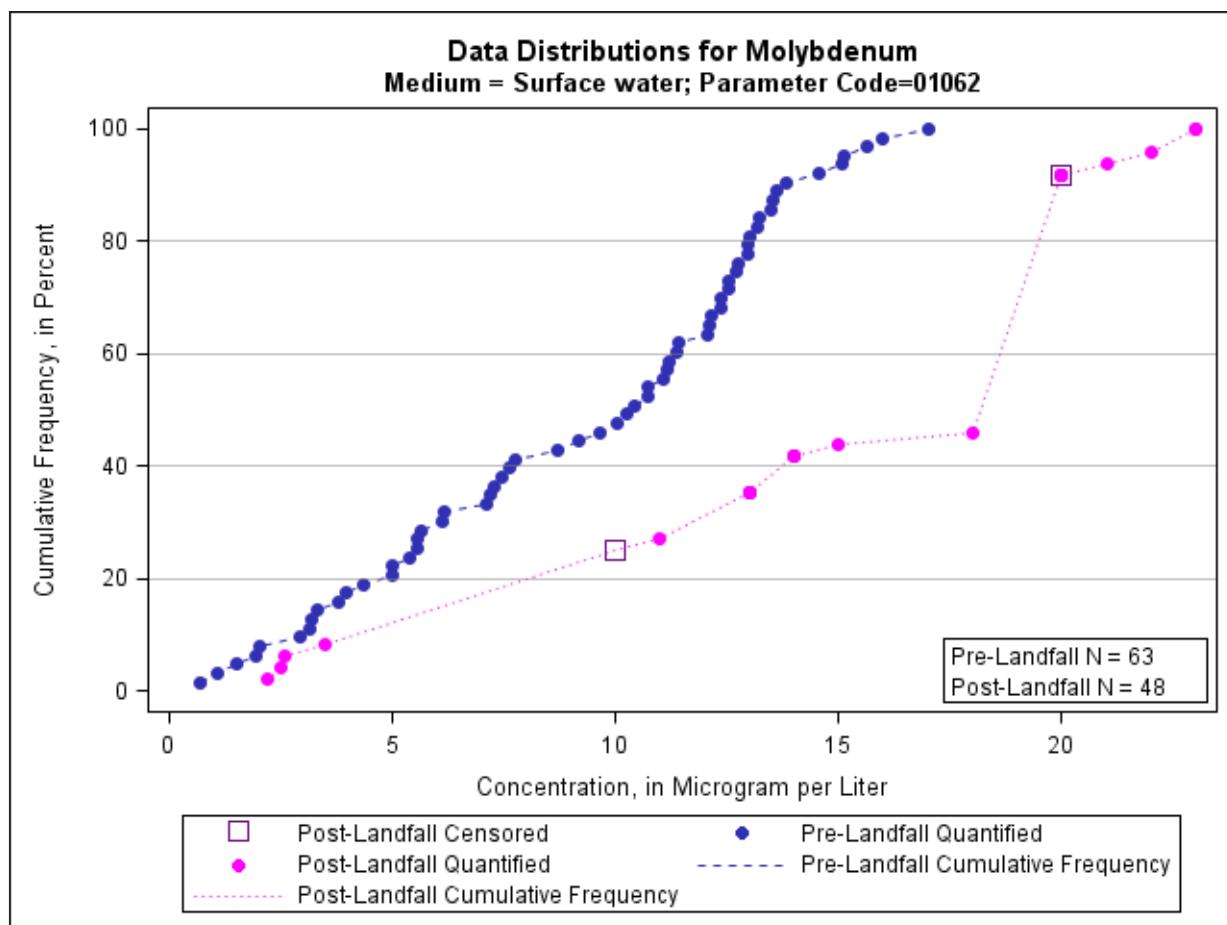
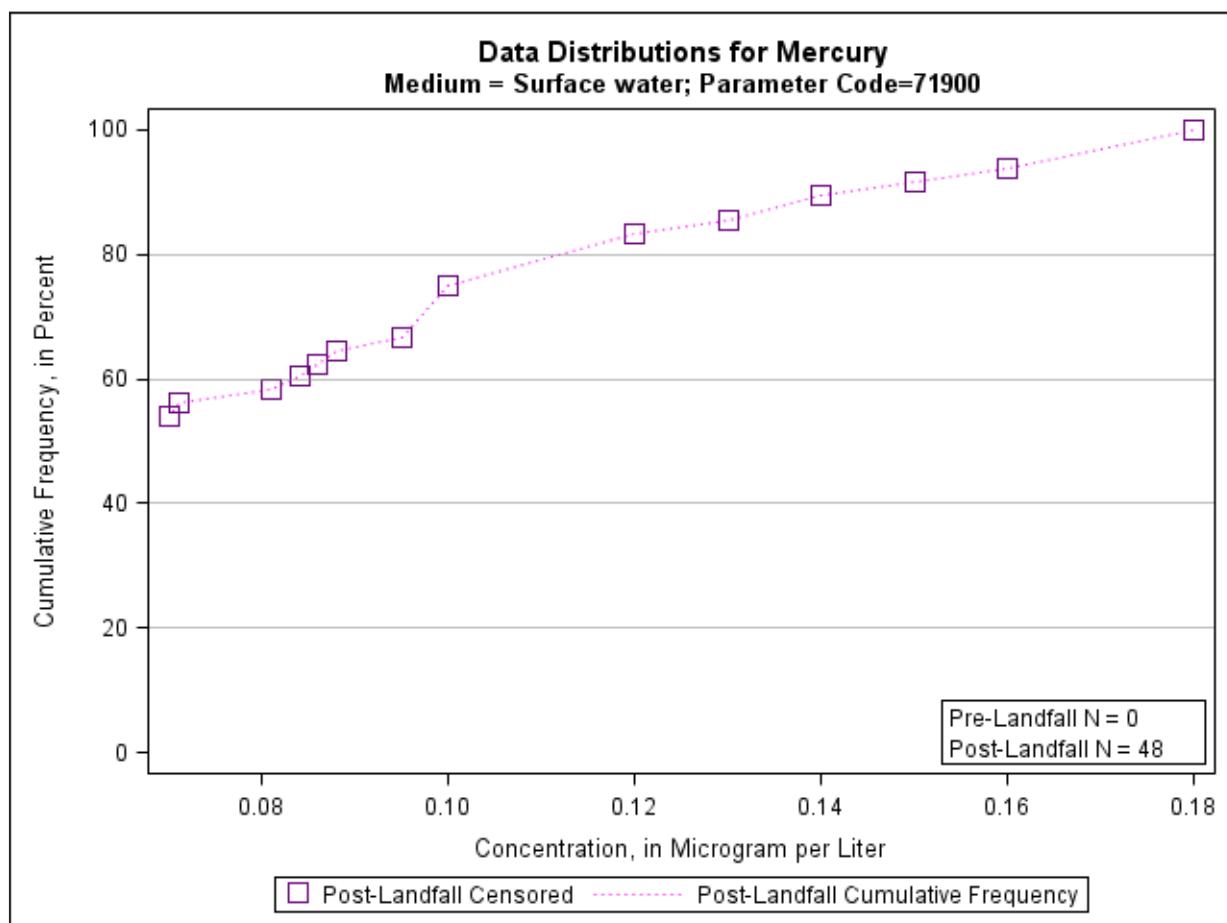


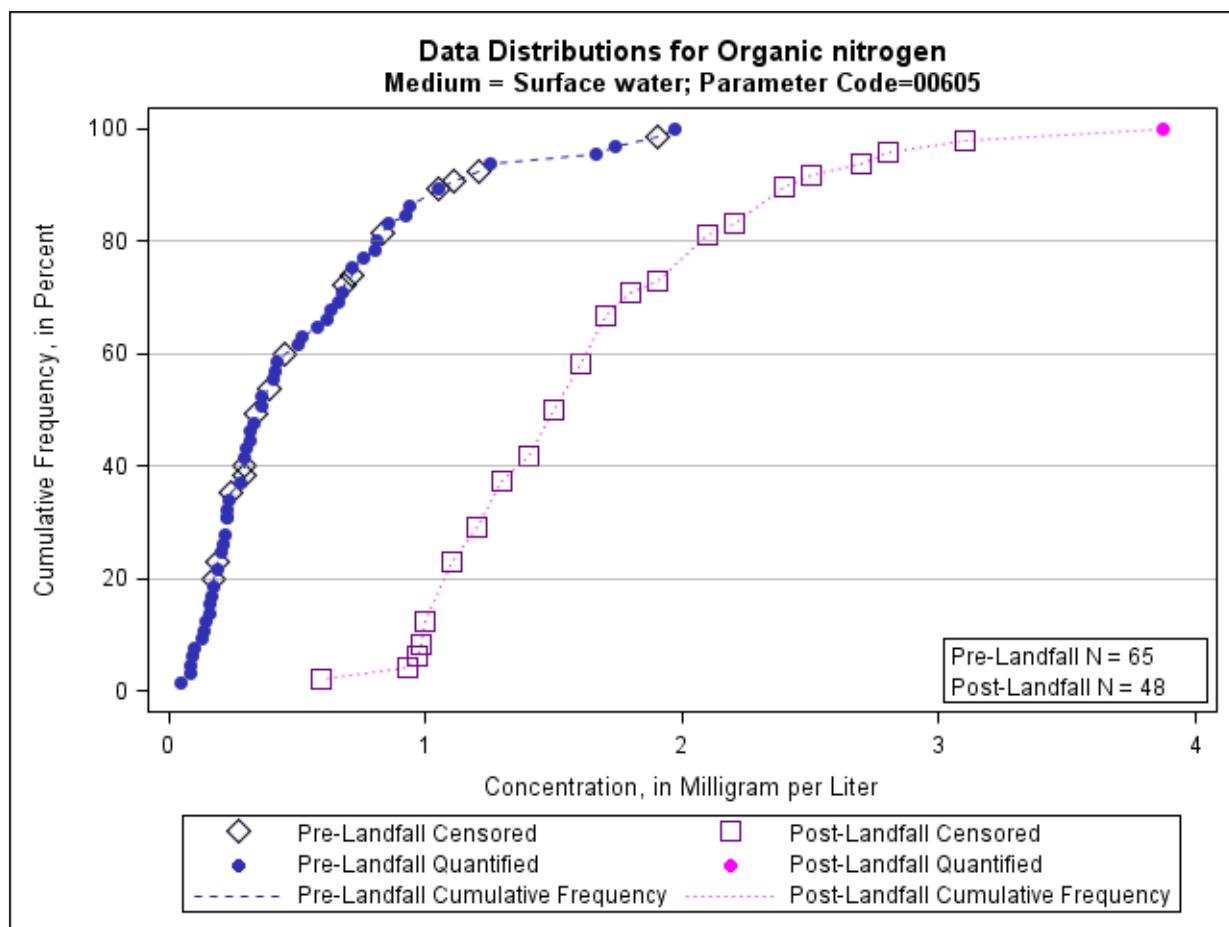
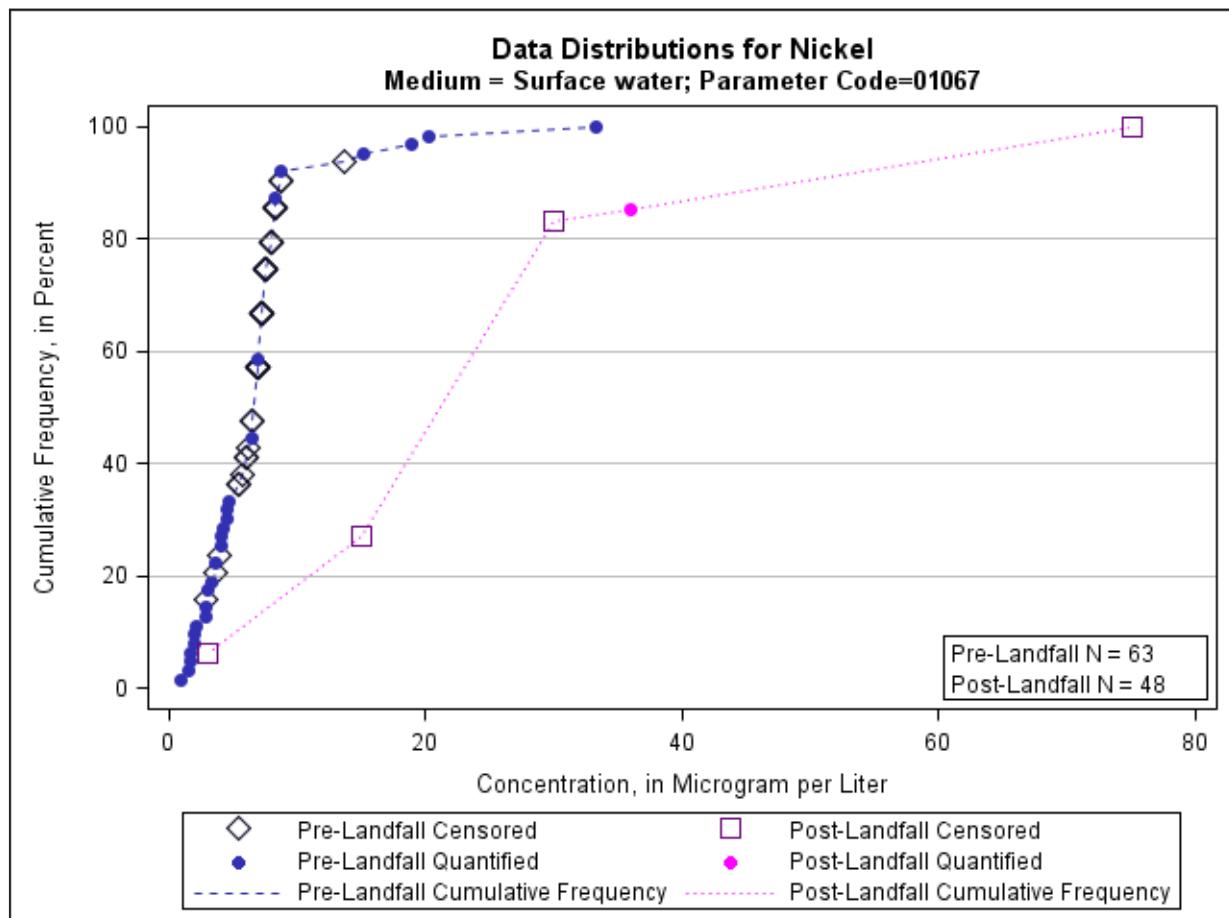


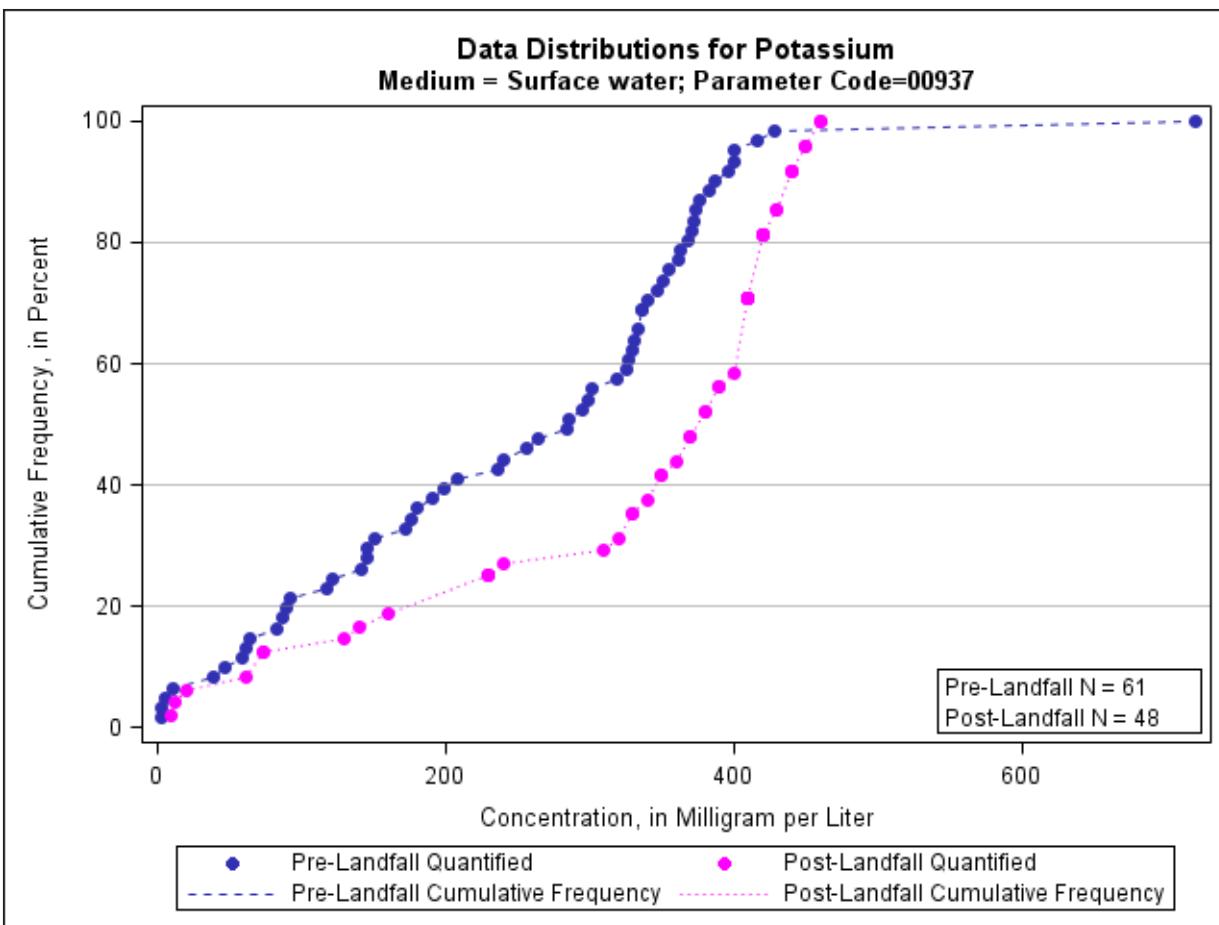
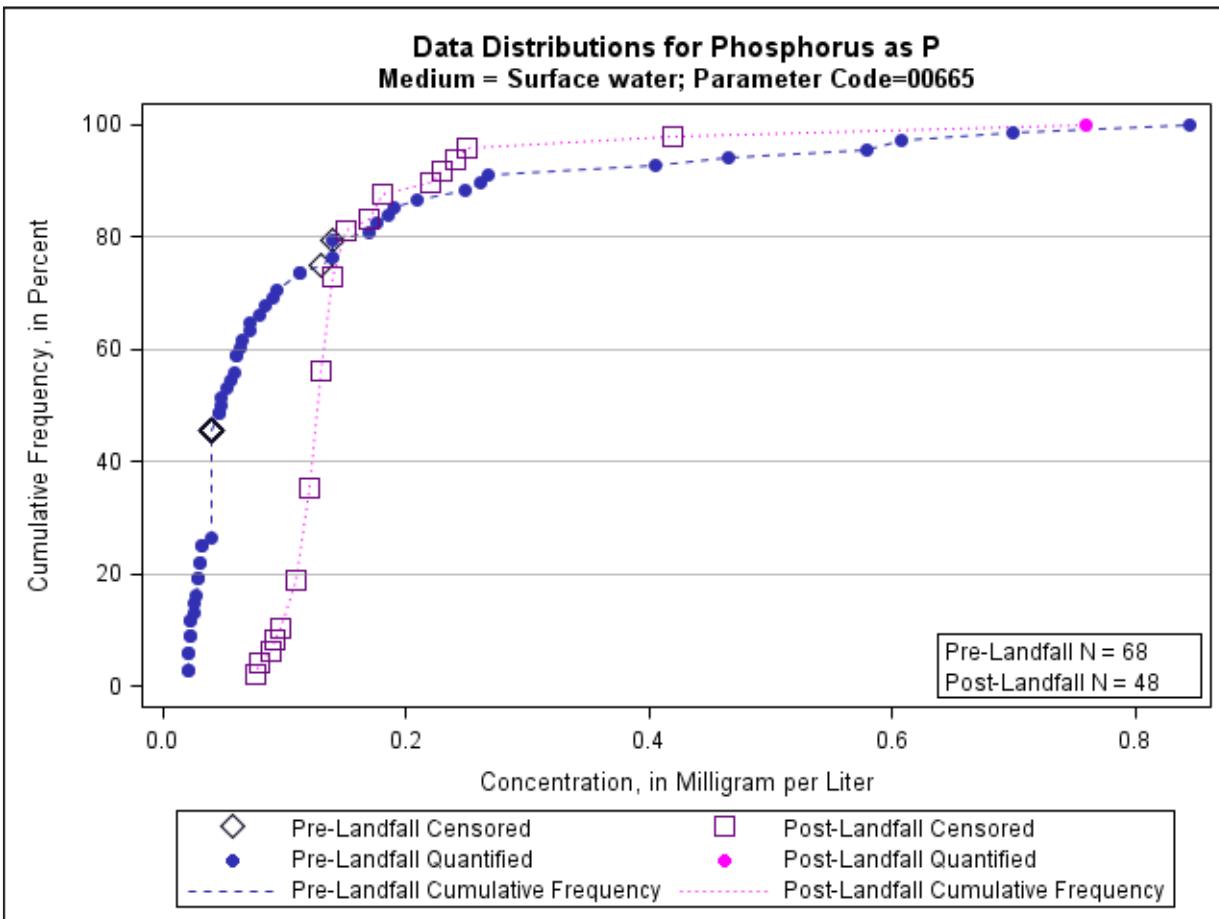


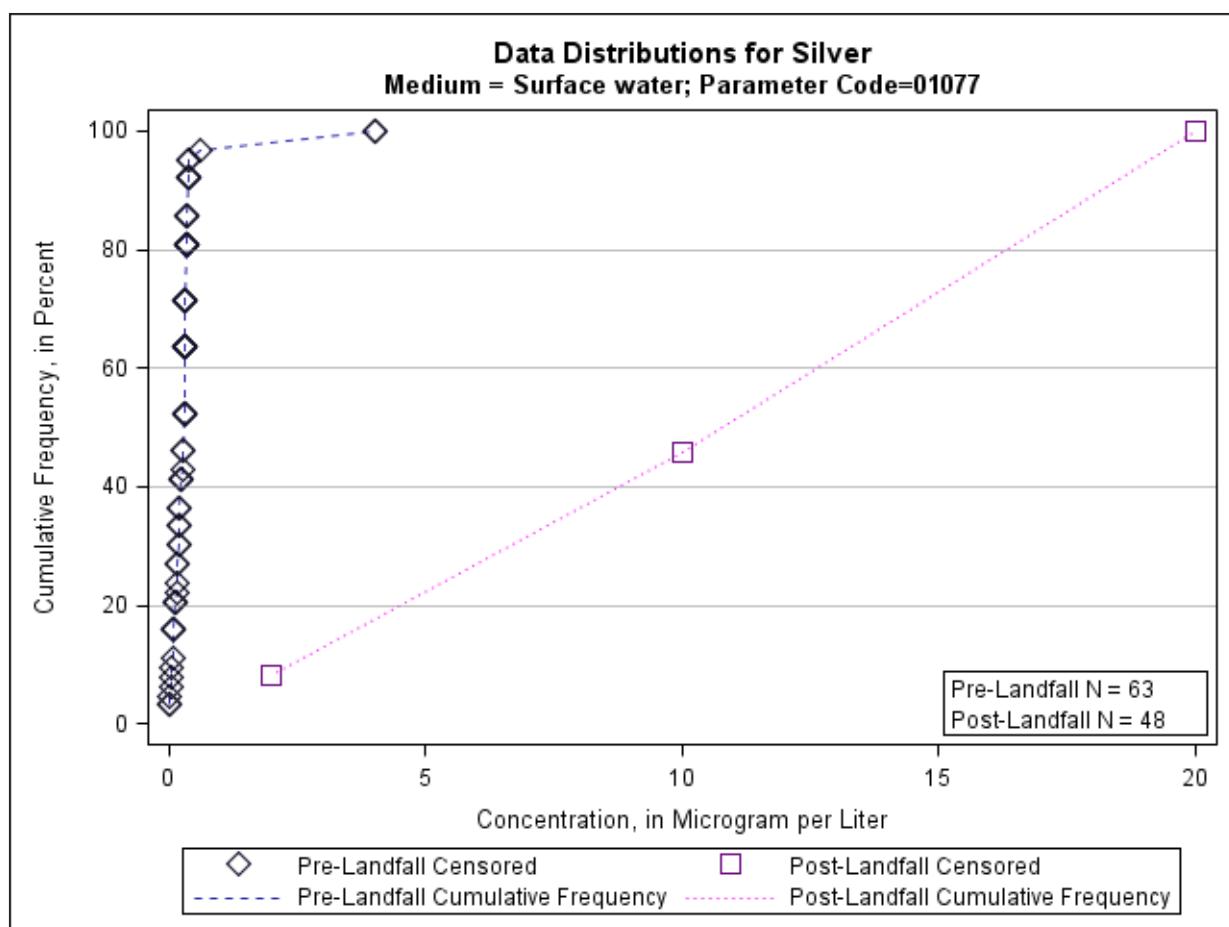
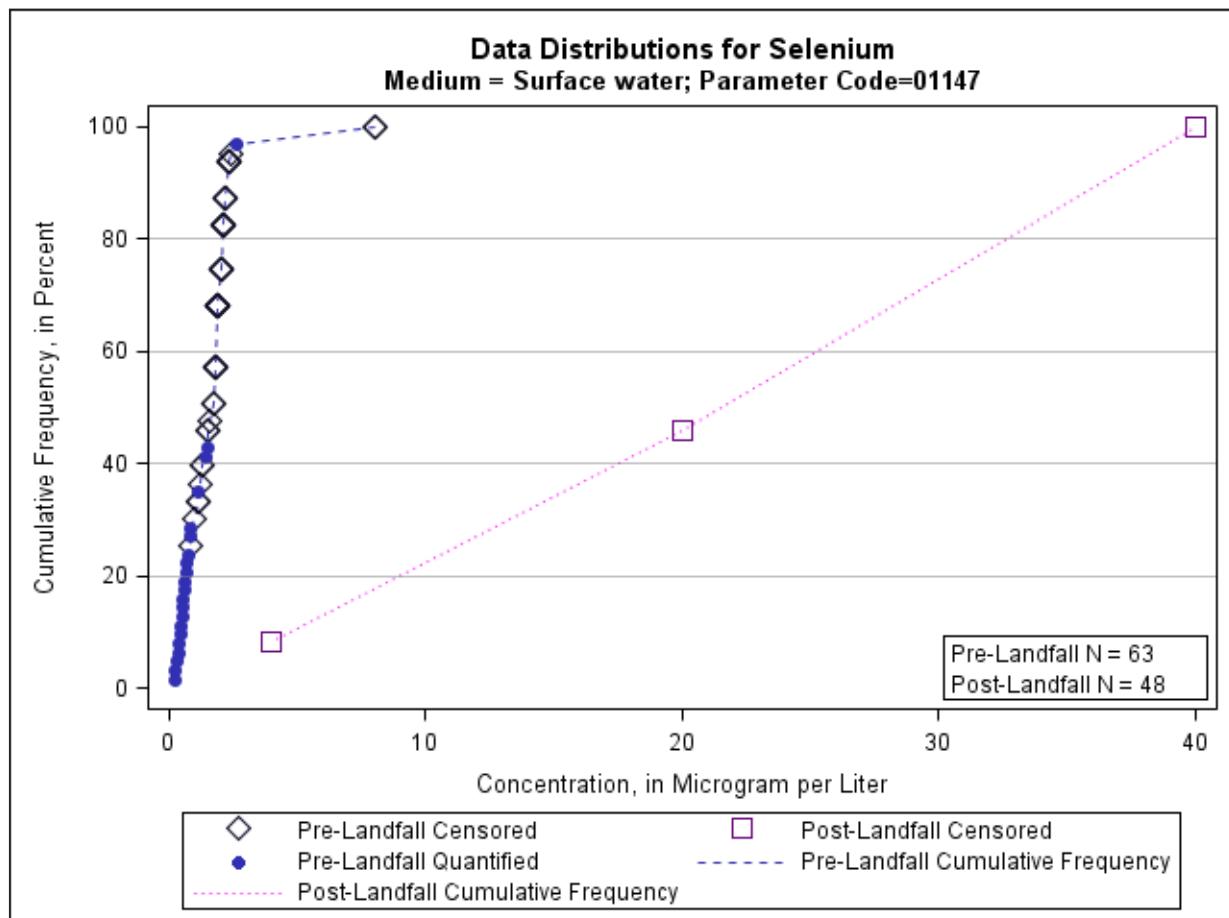


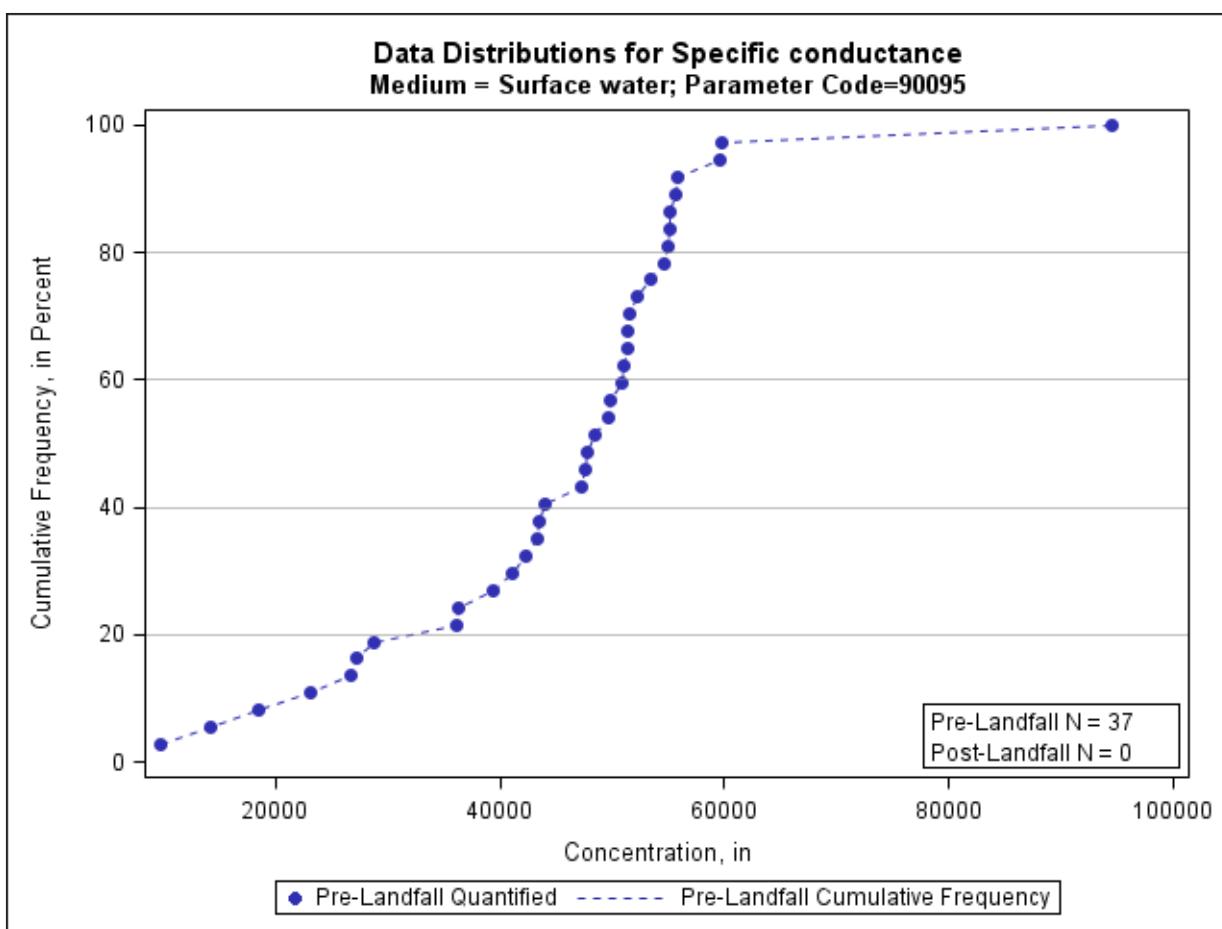
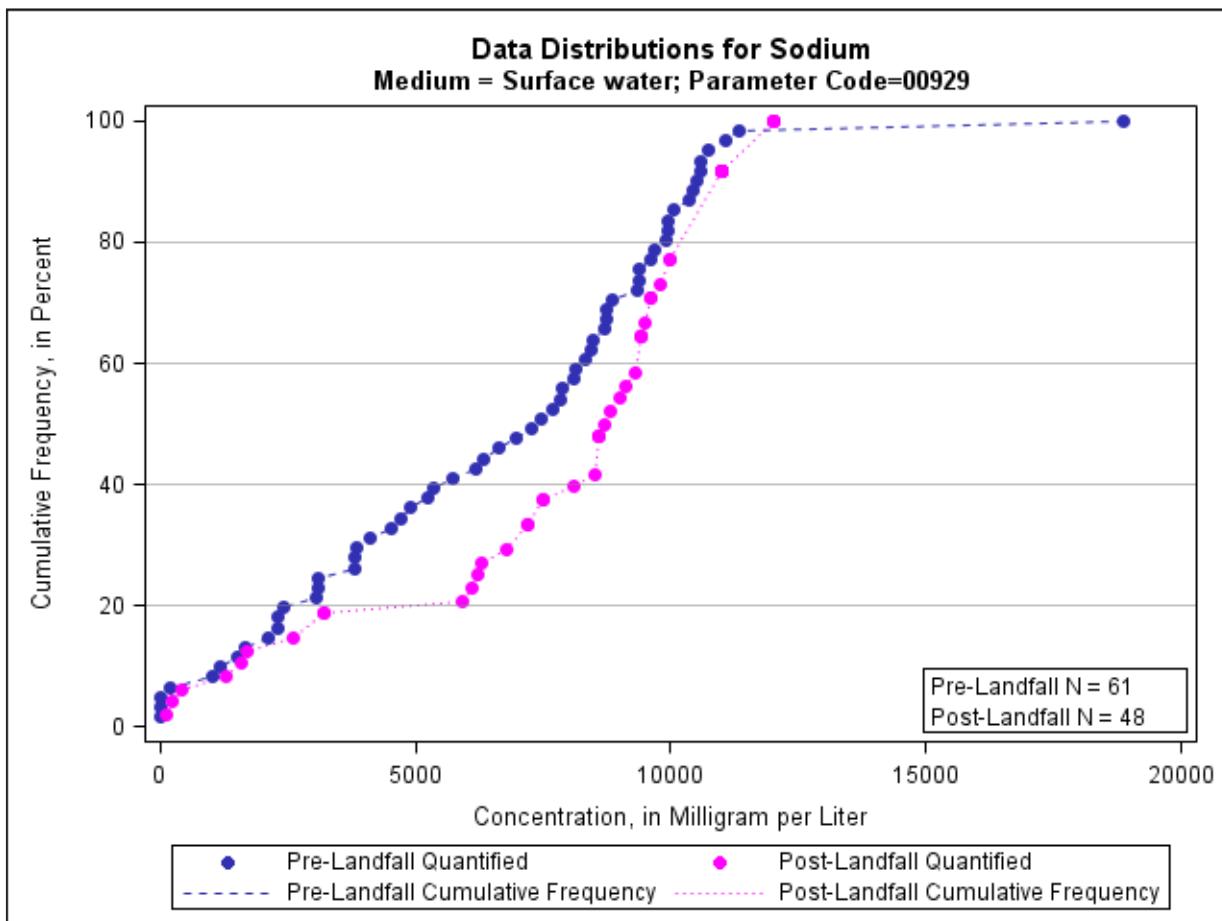


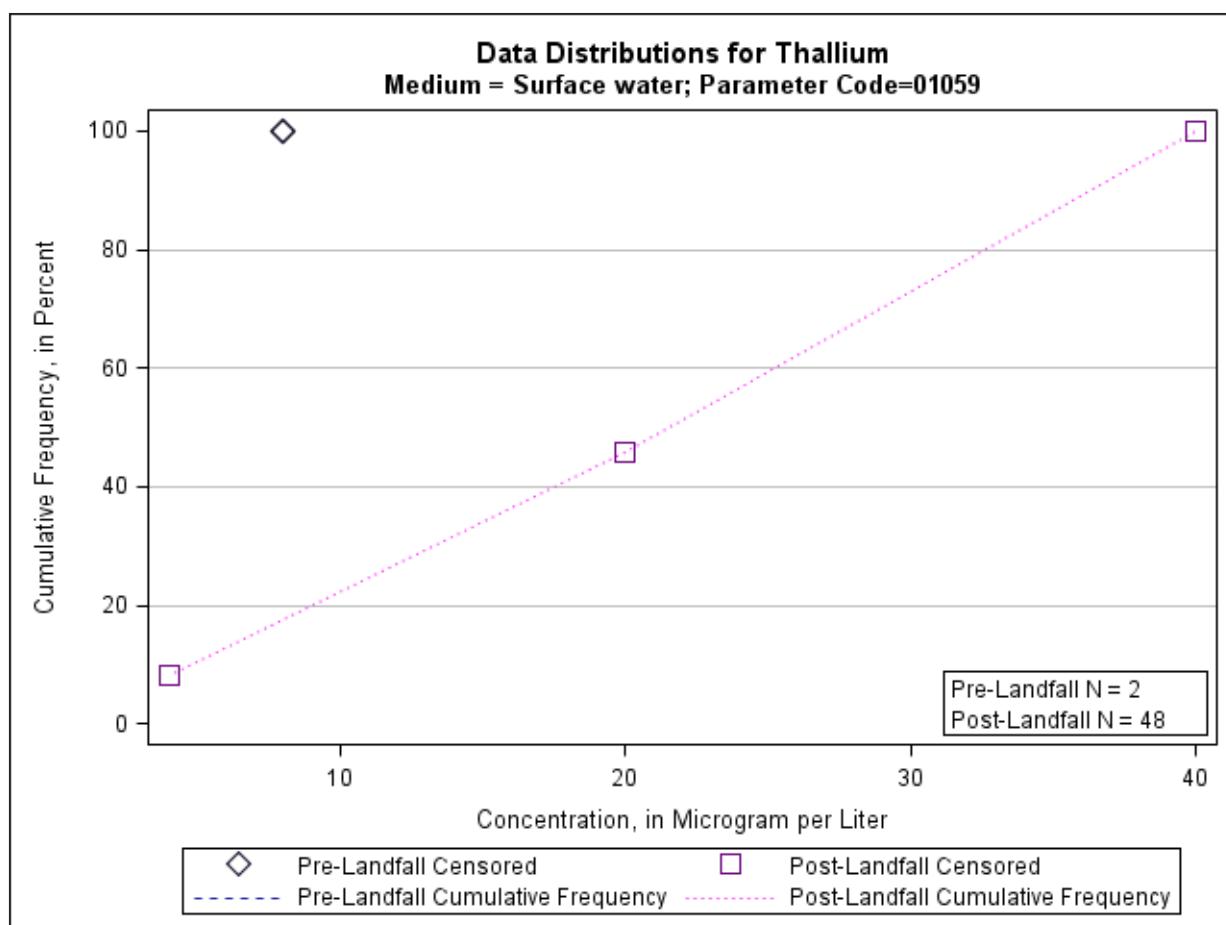
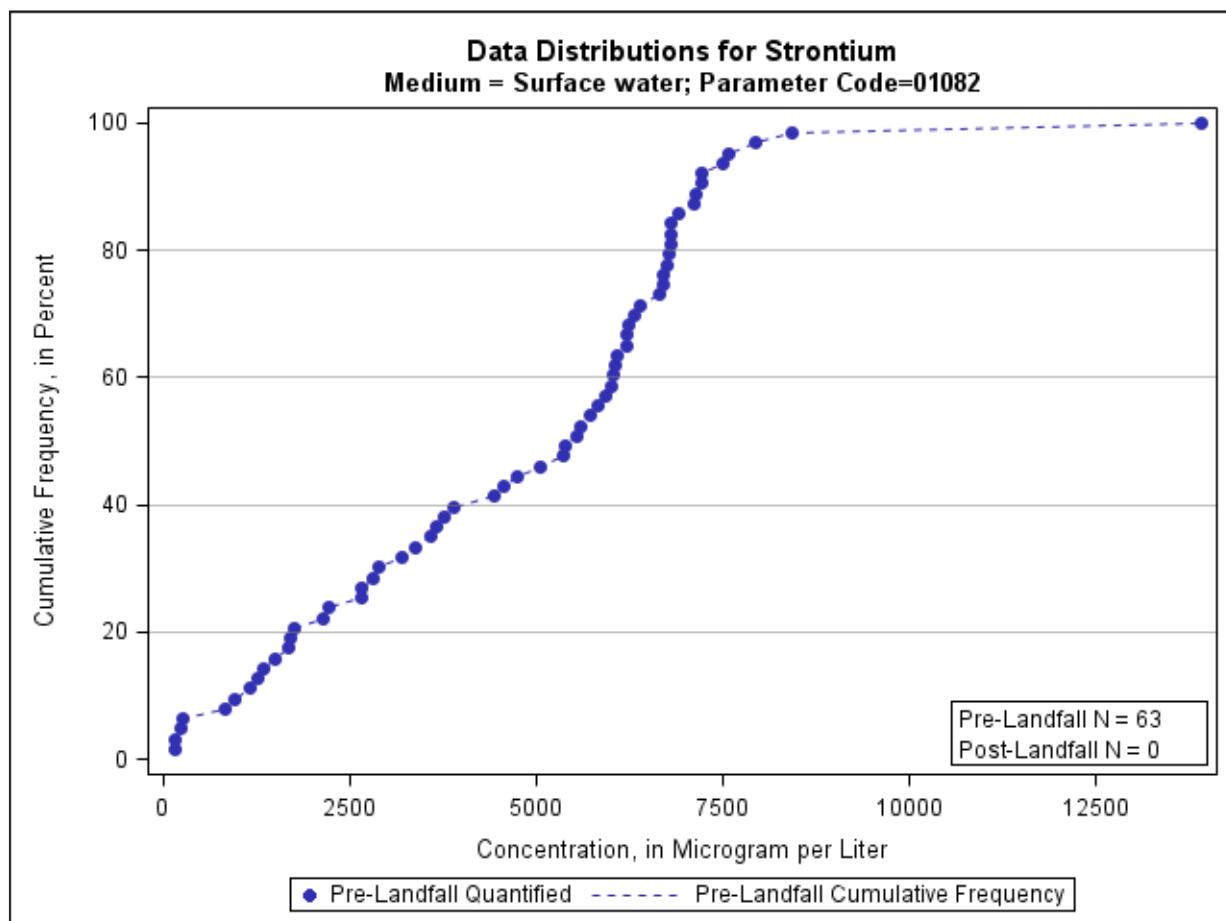


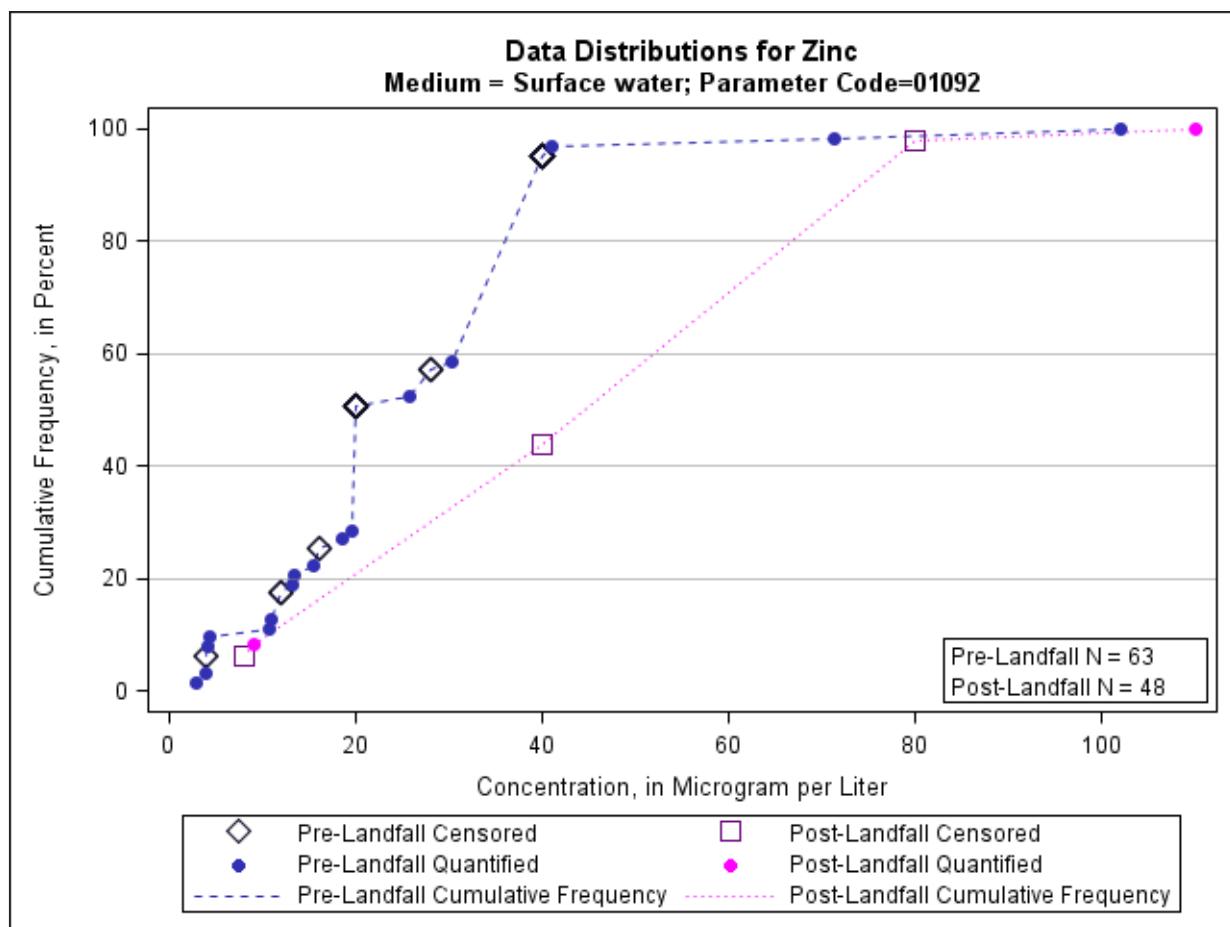
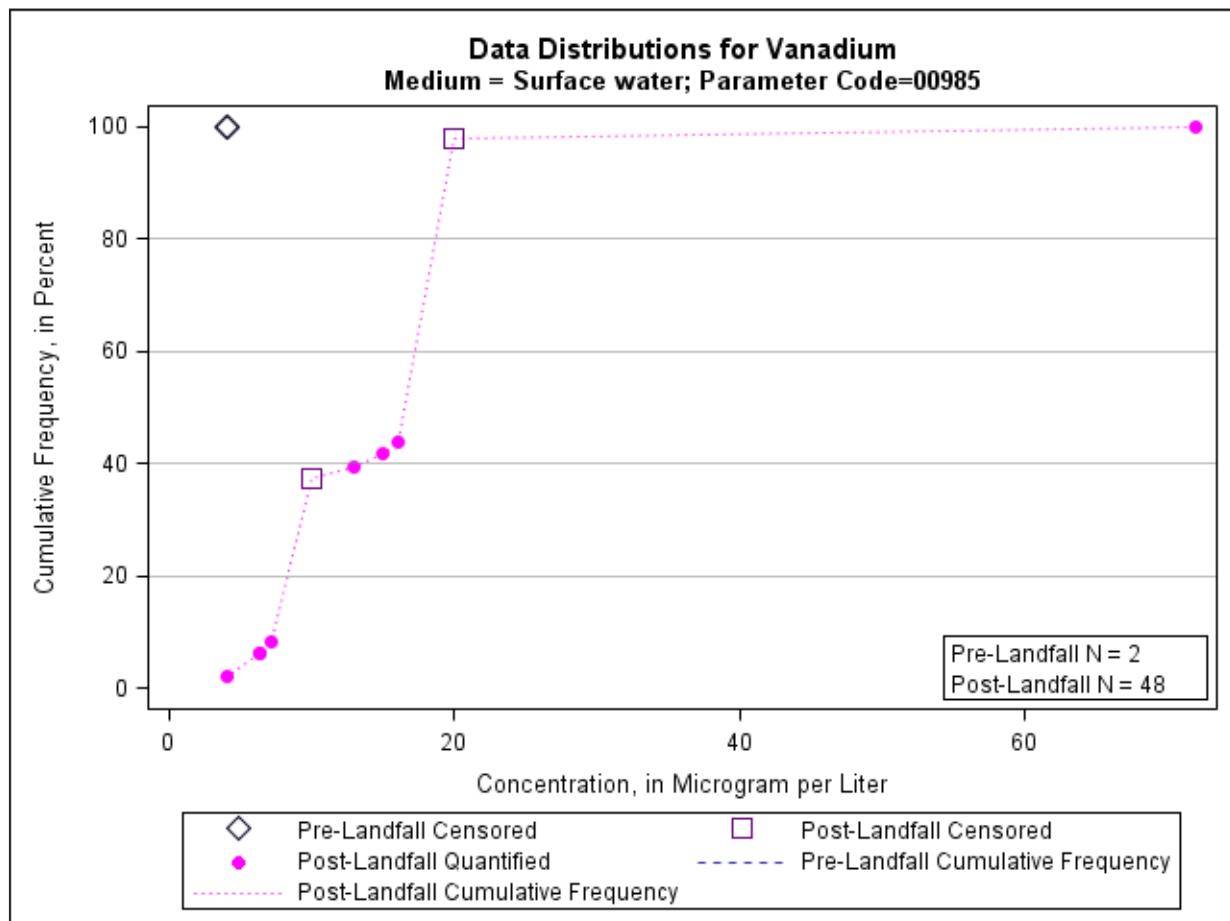






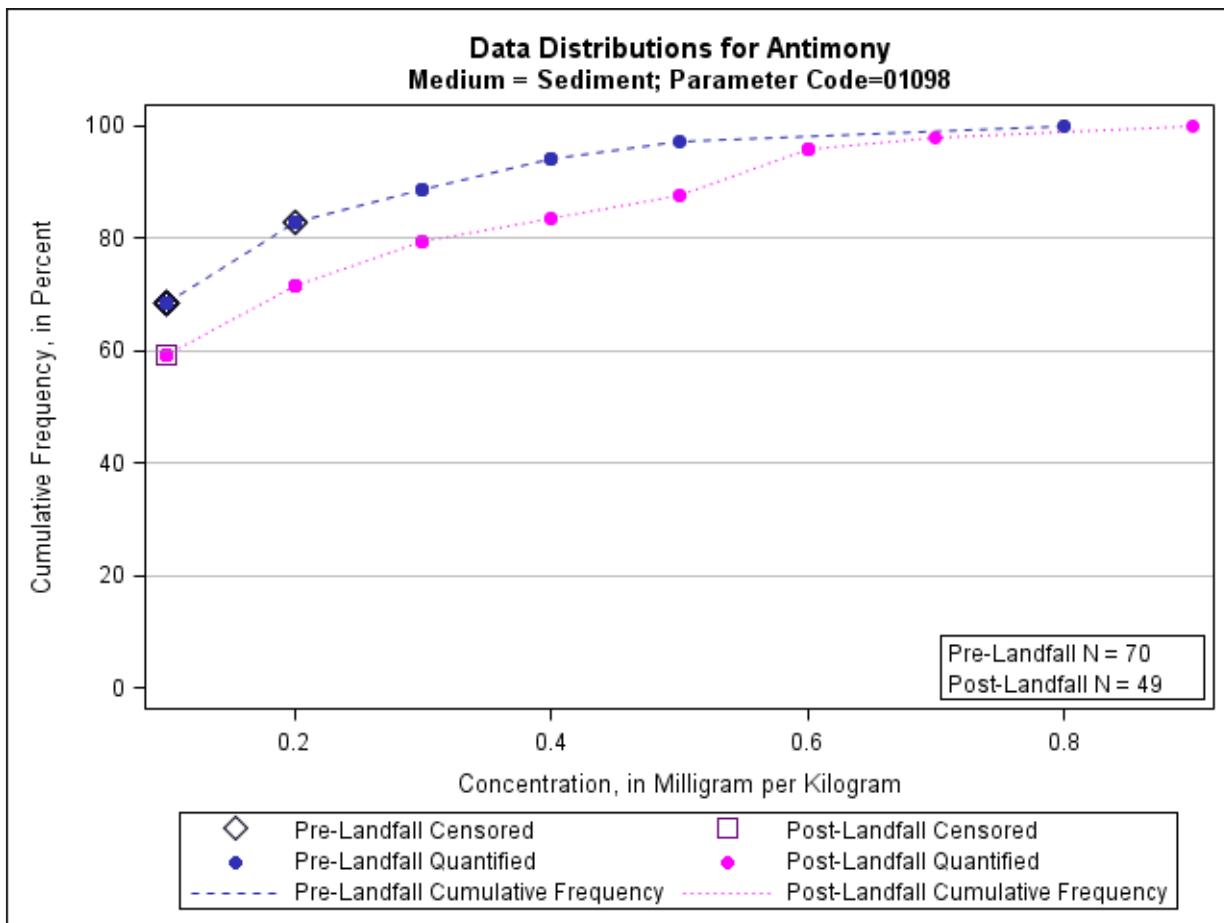
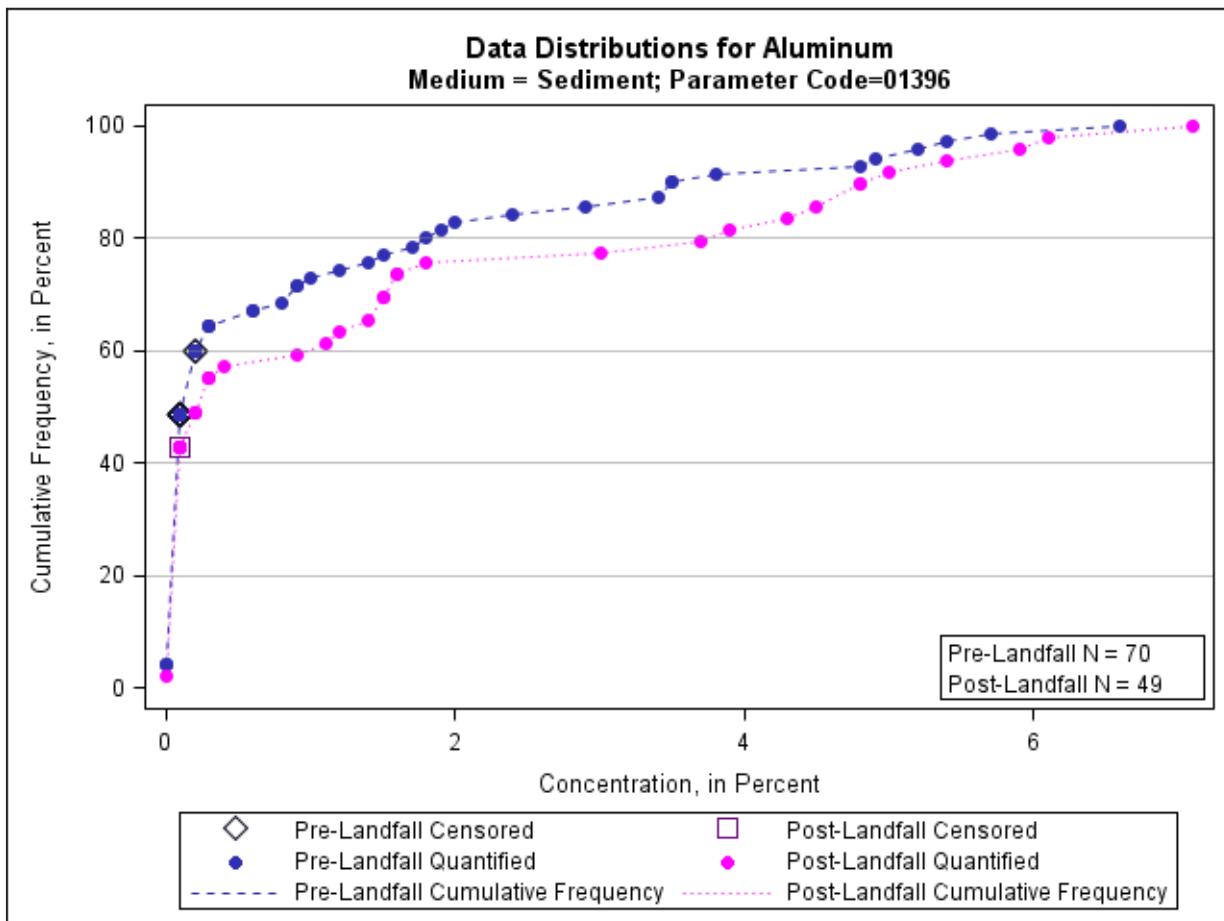


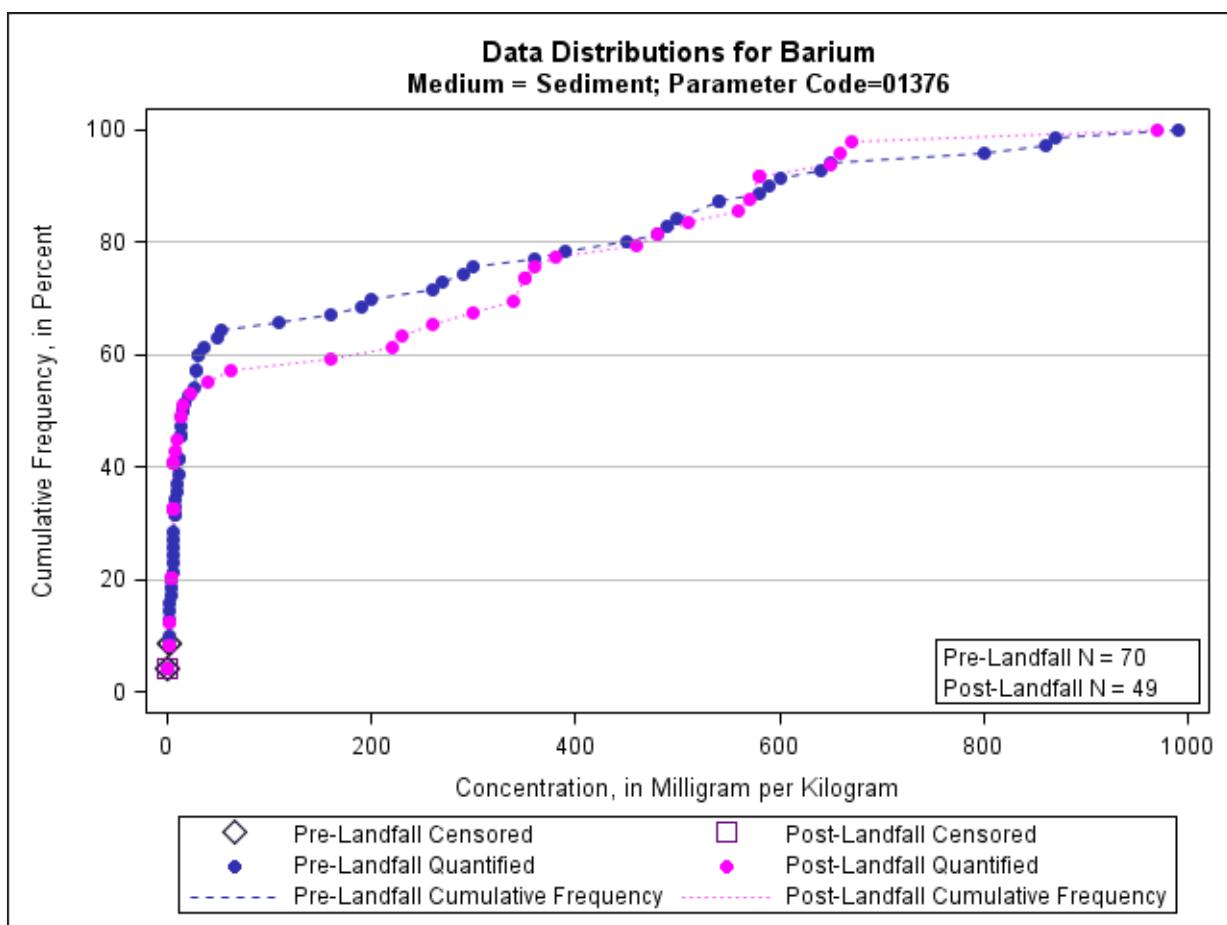
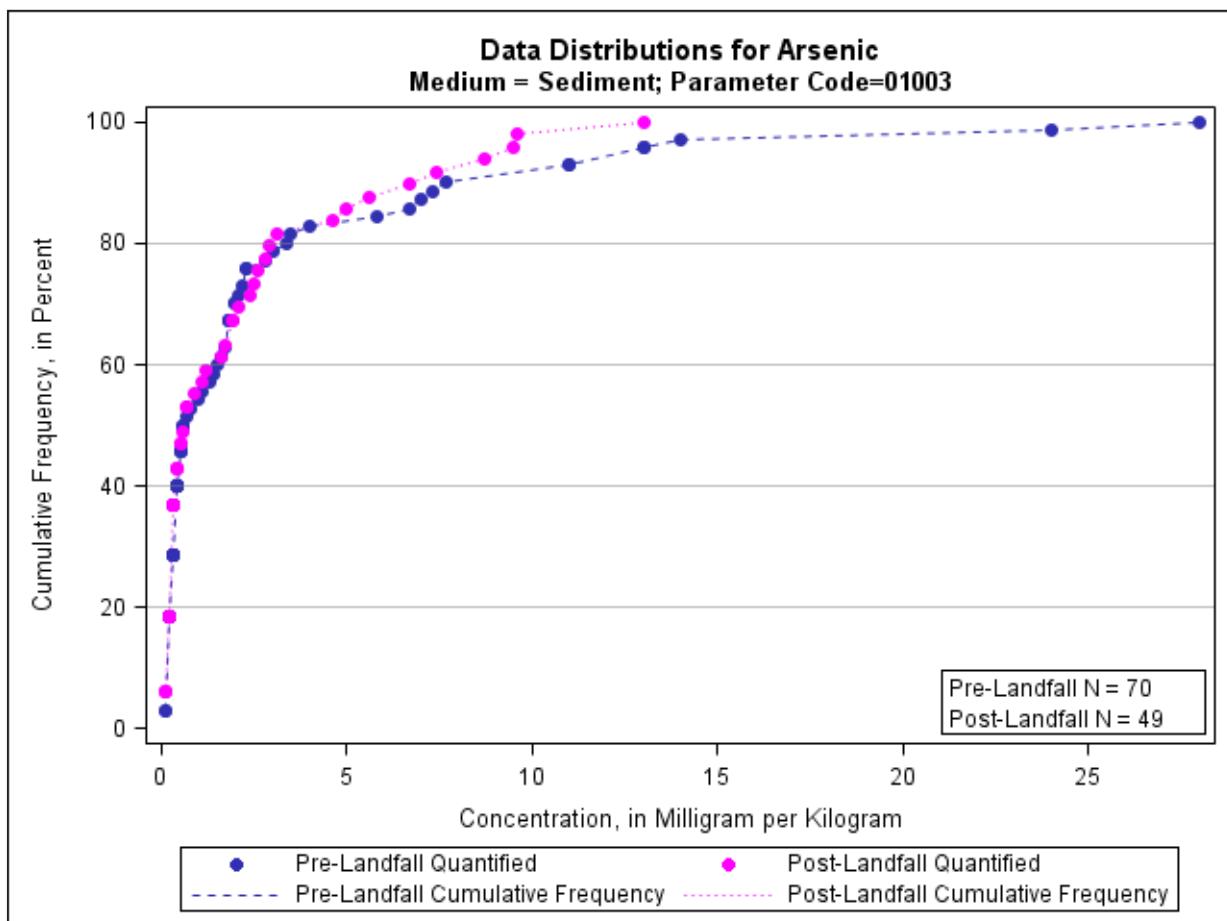


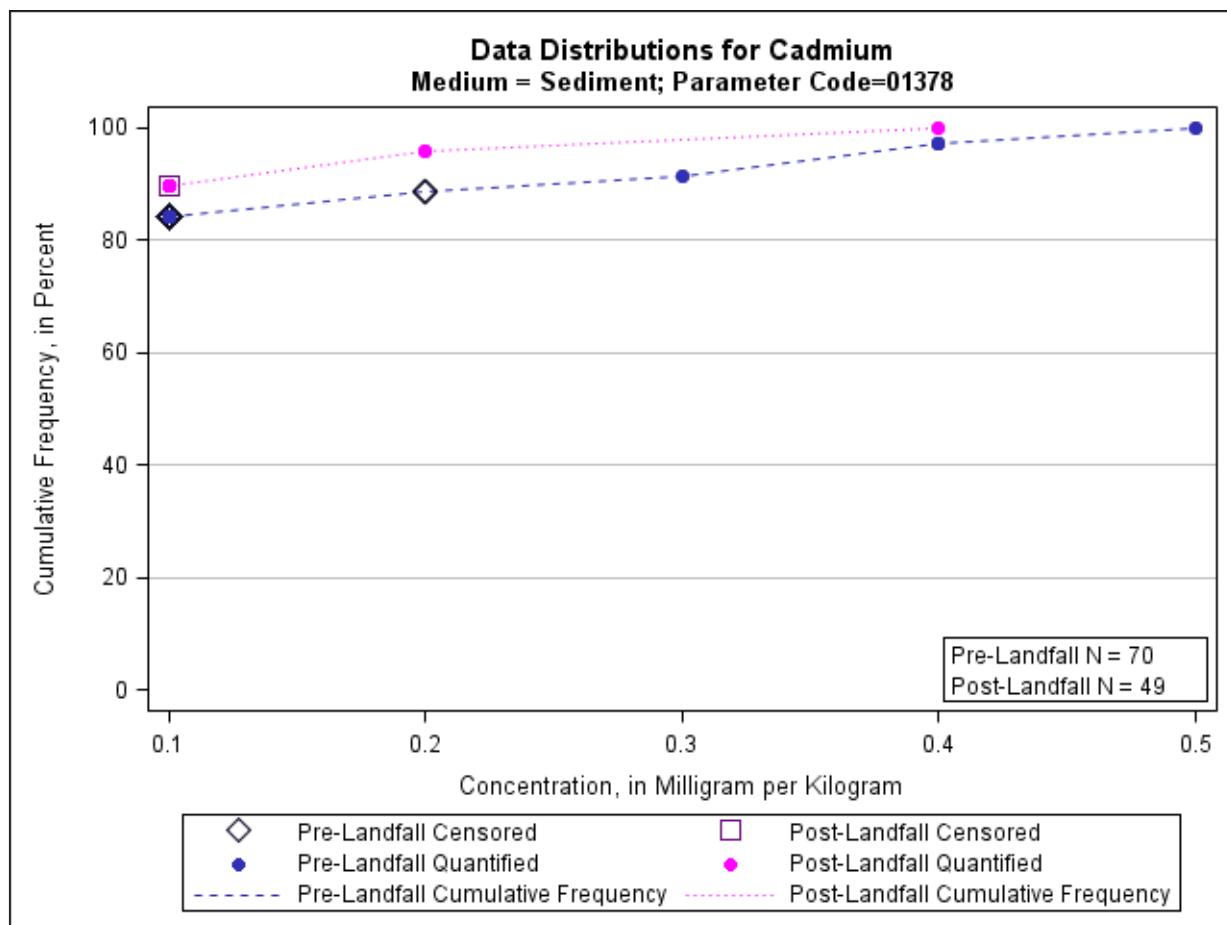
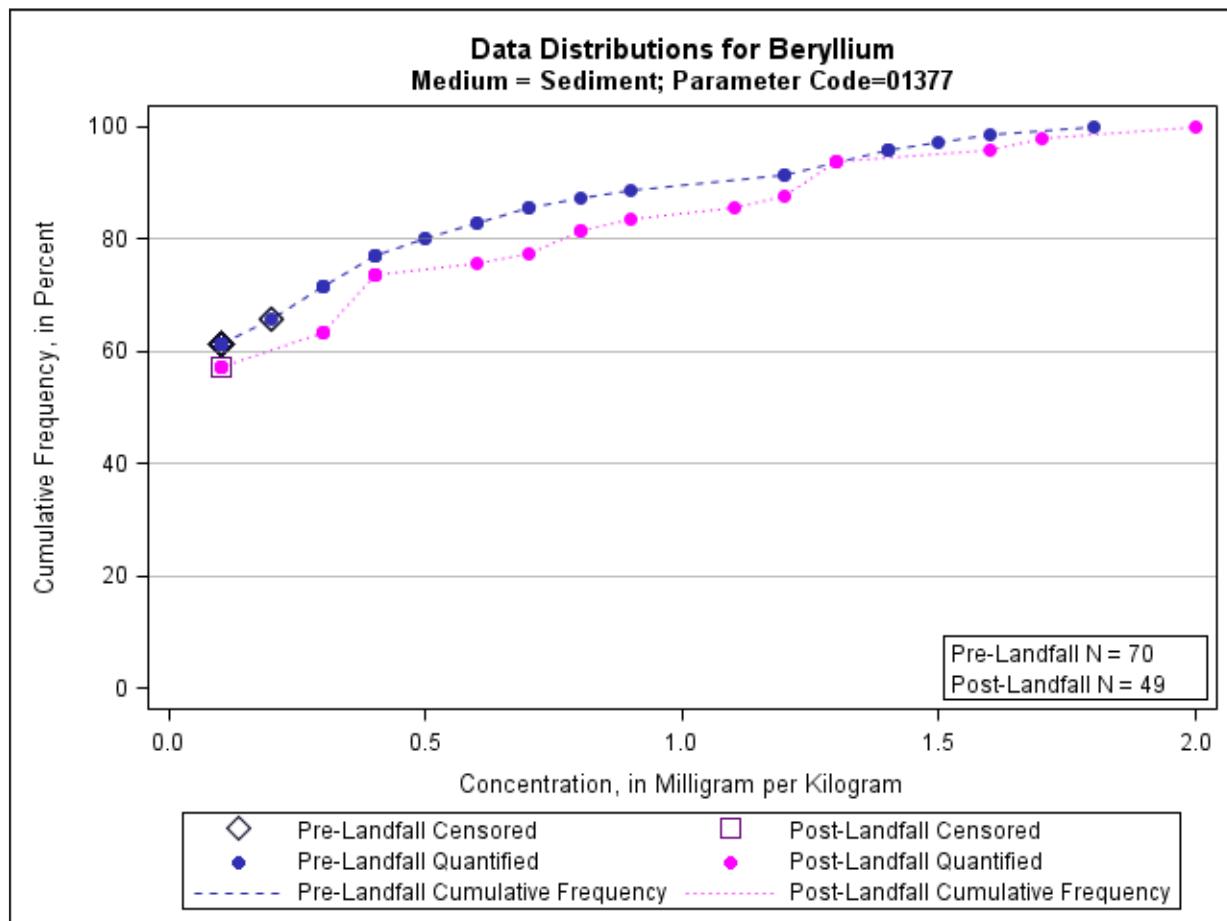


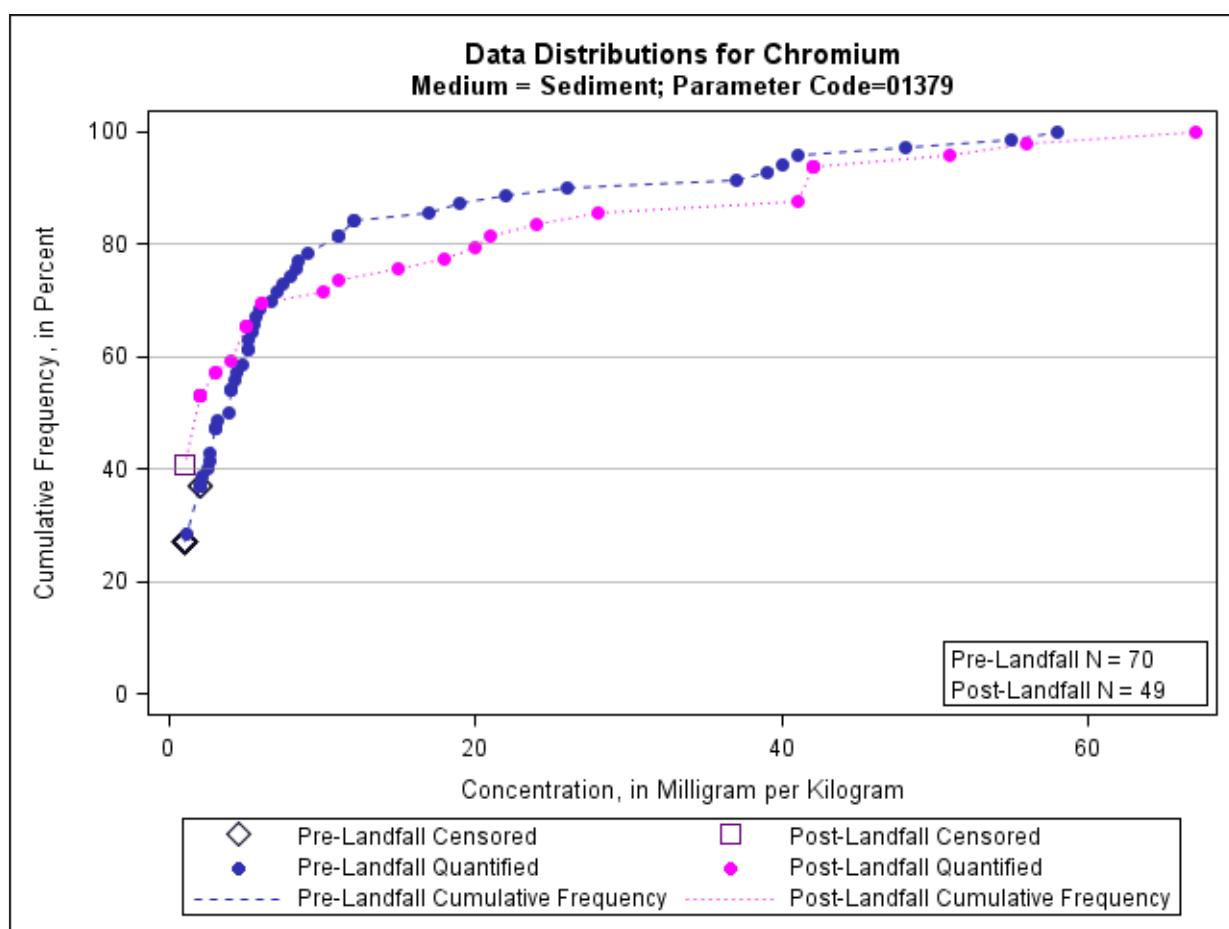
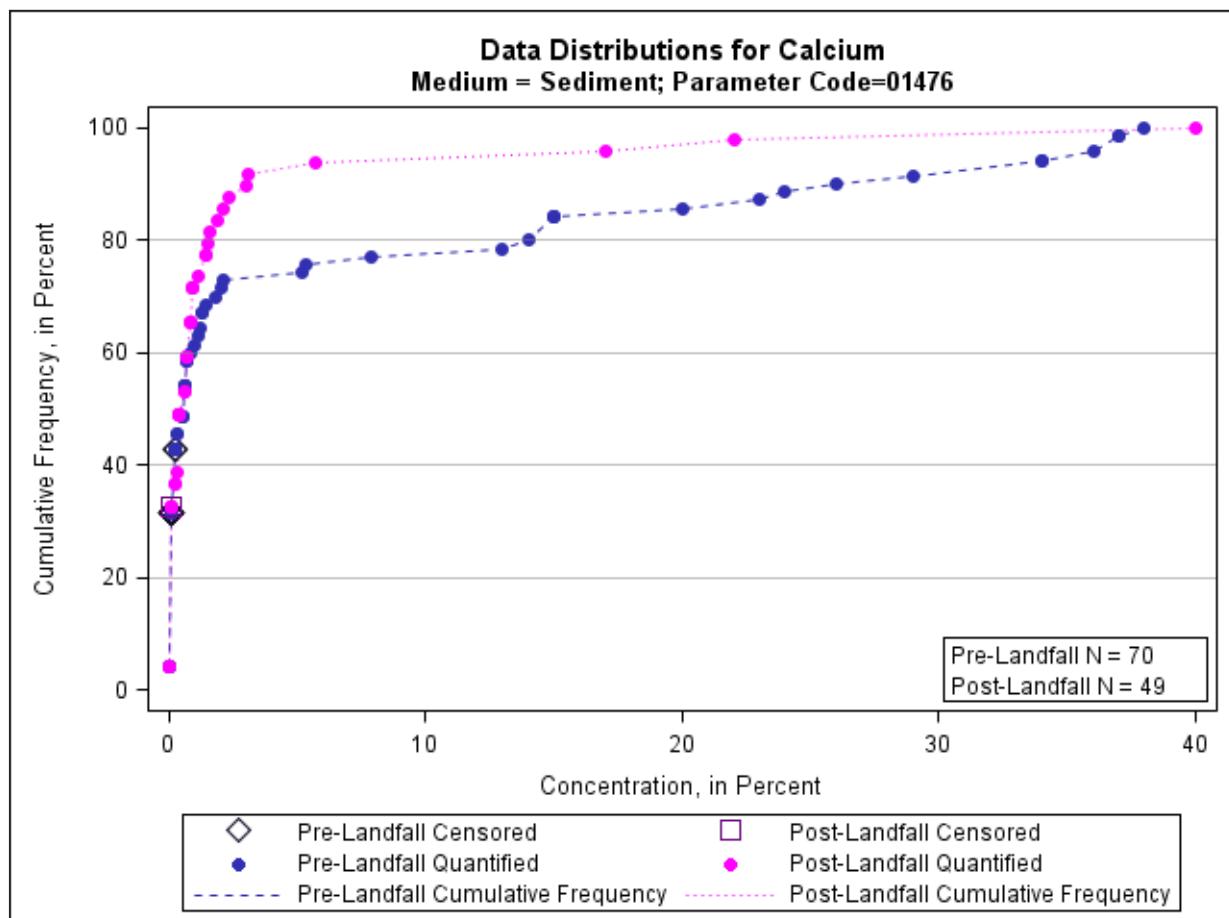
Appendix 2.4 Graphs Showing Data Distributions for Trace and Major Elements in Whole Sediment Sampled in Response to the Deepwater Horizon Oil Spill, 2010

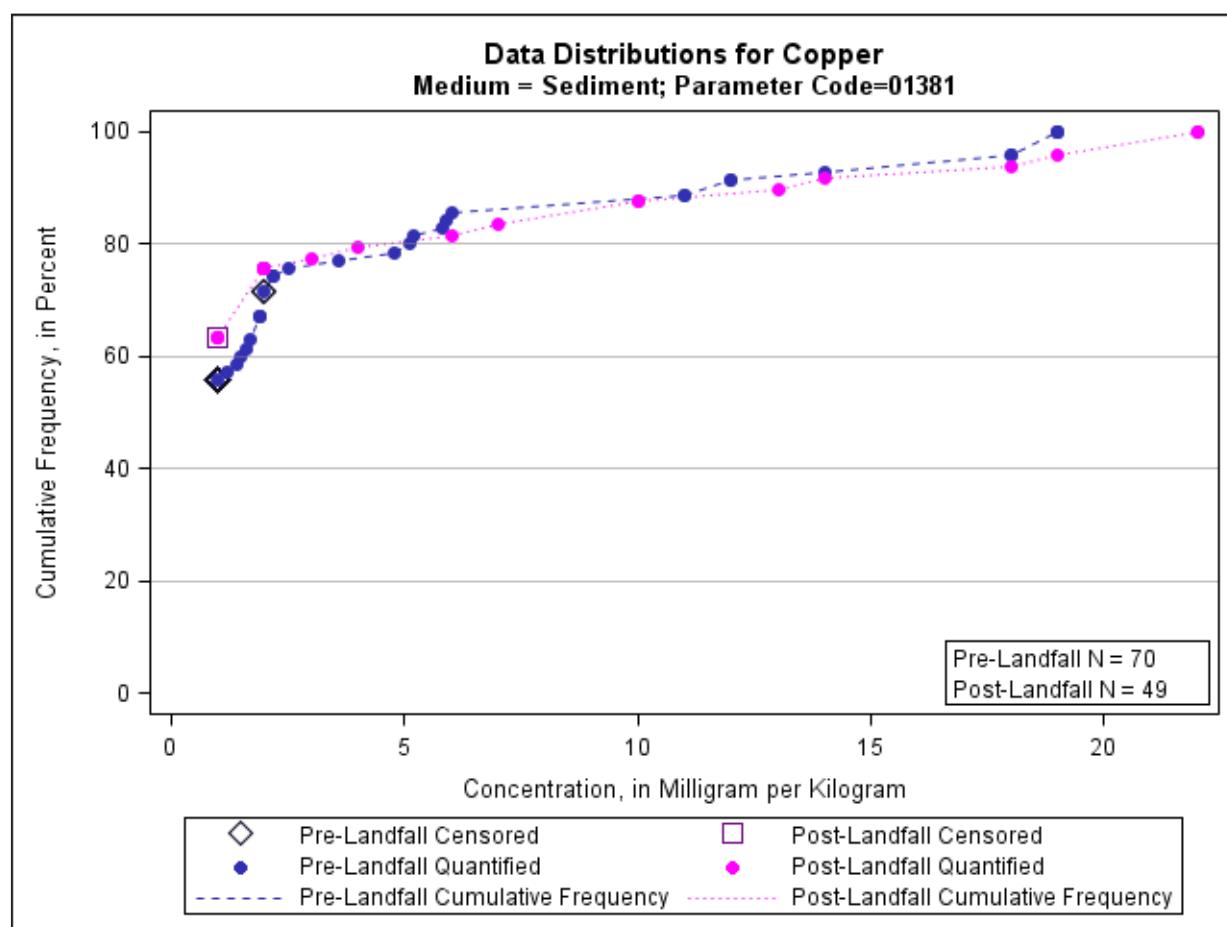
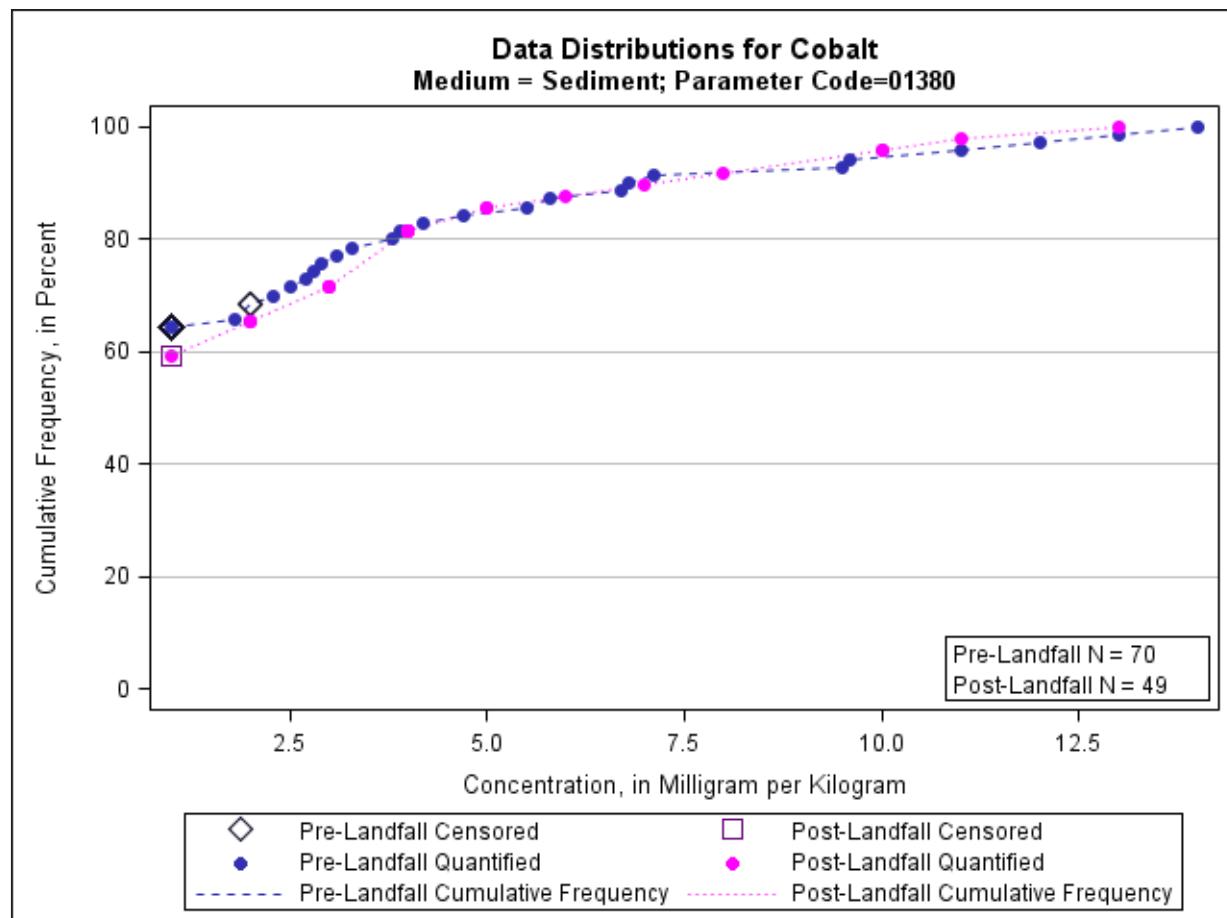
Aluminum.....	166
Antimony.....	166
Arsenic.....	167
Barium	167
Beryllium.....	168
Cadmium.....	168
Calcium.....	169
Chromium.....	169
Cobalt	170
Copper	170
Iron	171
Lead	171
Lithium	172
Magnesium	172
Manganese.....	173
Mercury.....	173
Molybdenum.....	174
Nickel	174
Phosphorus.....	175
Potassium.....	175
Selenium.....	176
Silver	176
Sodium.....	177
Strontium.....	177
Sulfur	178
Thallium.....	178
Tin	179
Titanium.....	179
Total carbon	180
Total nitrogen.....	180
Uranium.....	181
Vanadium.....	181
Zinc	182

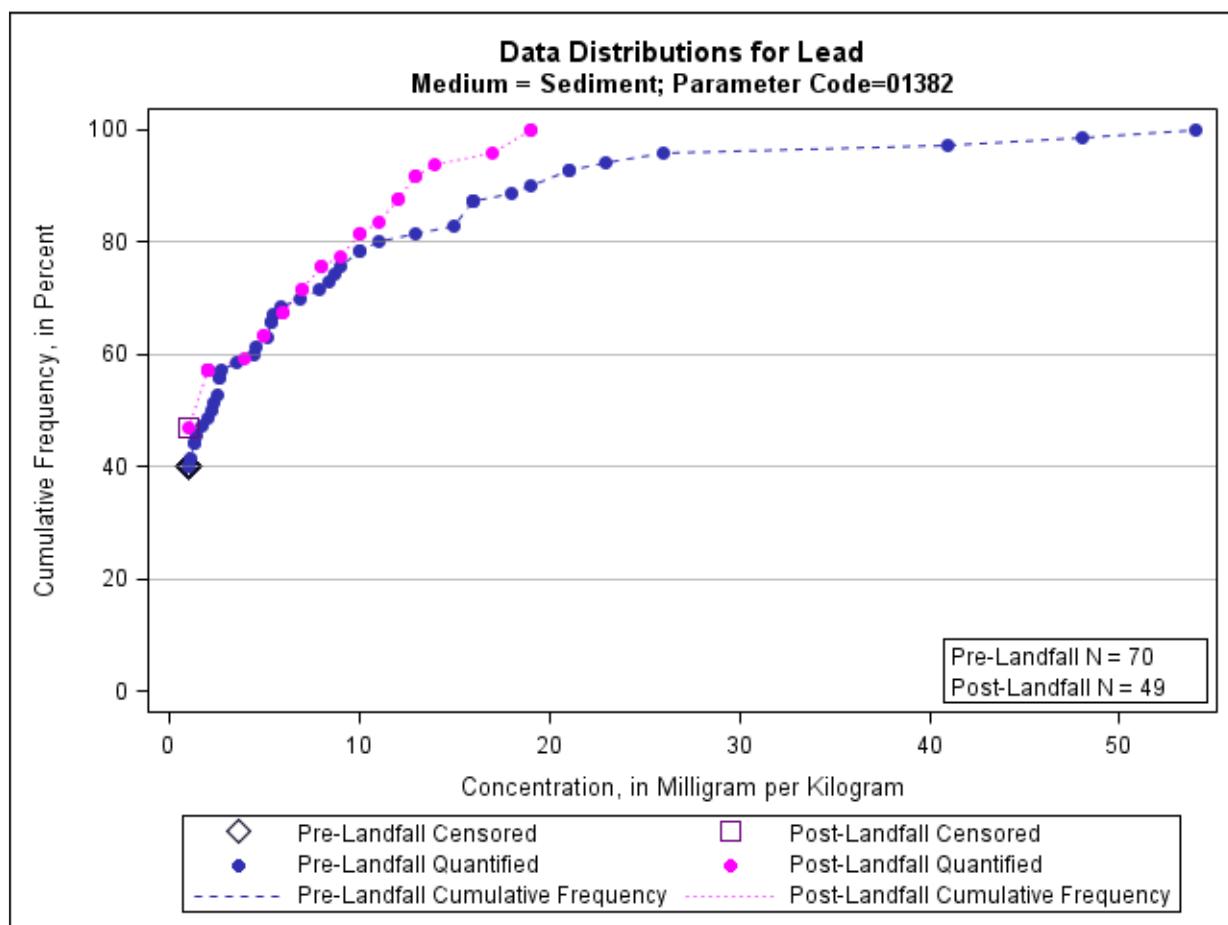
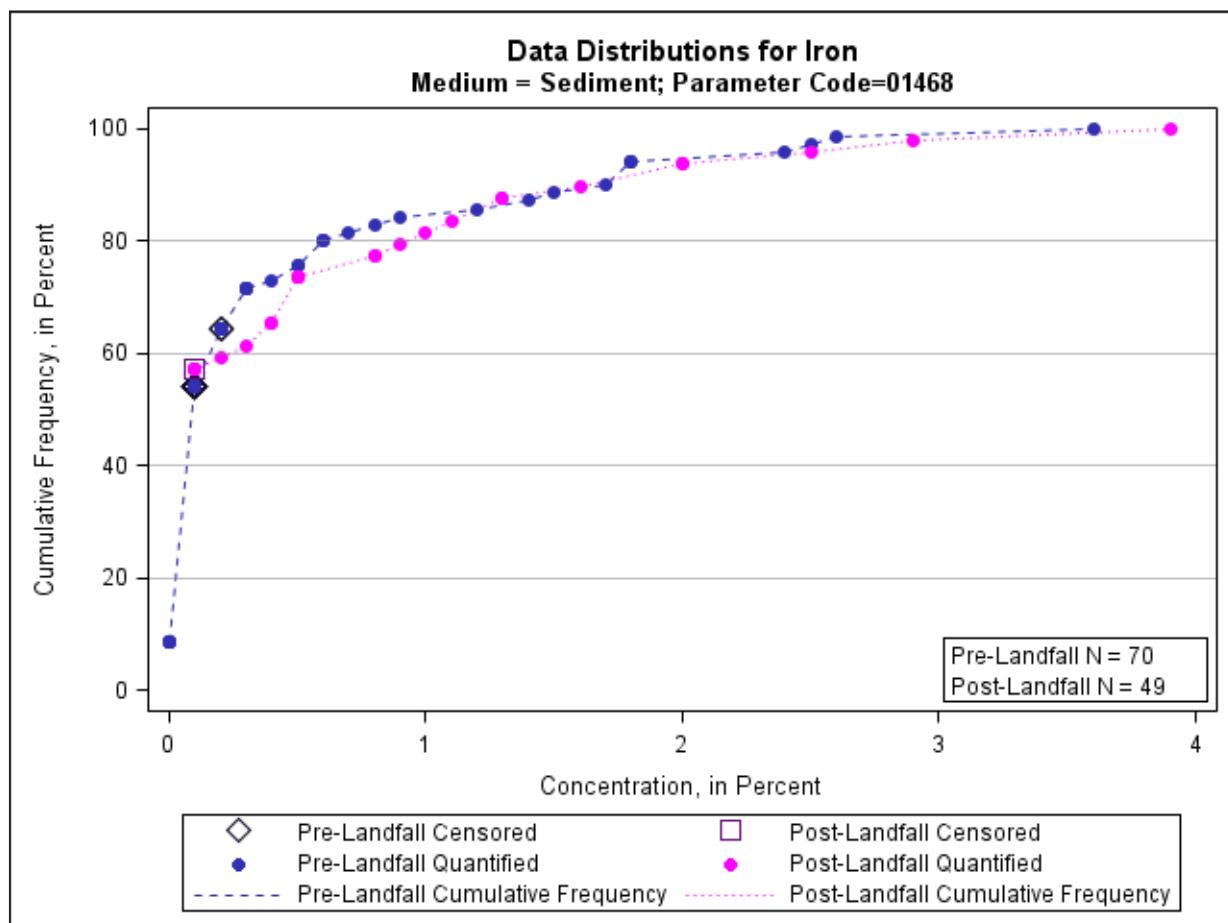


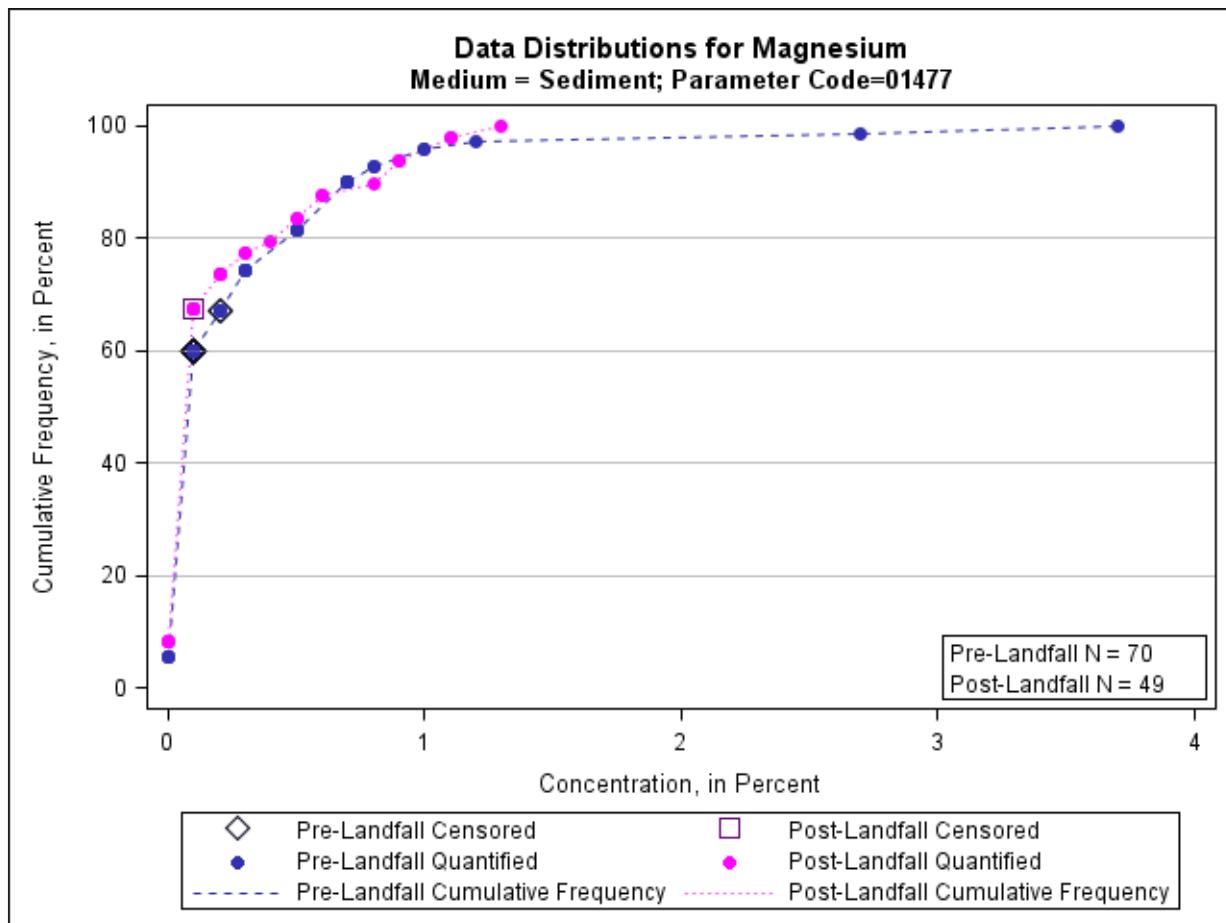
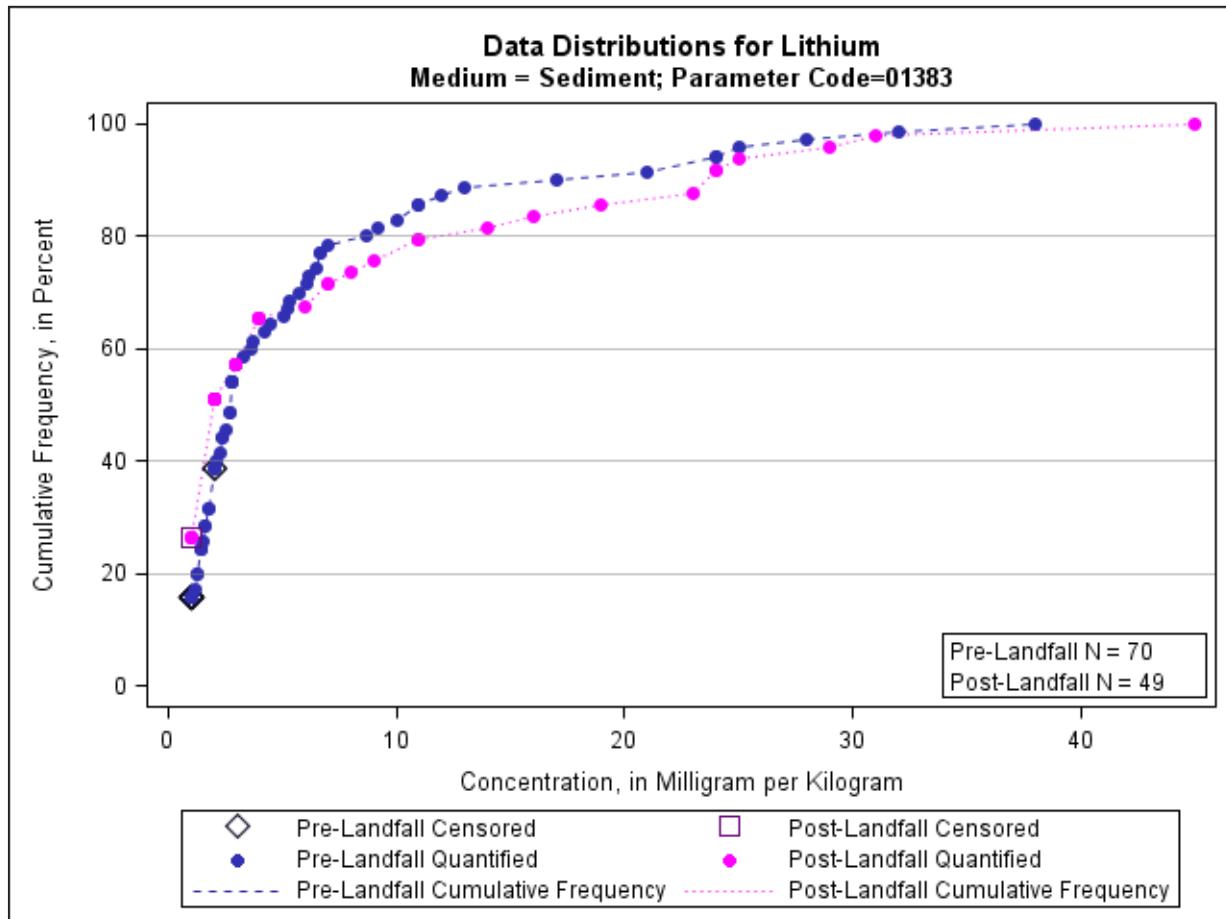


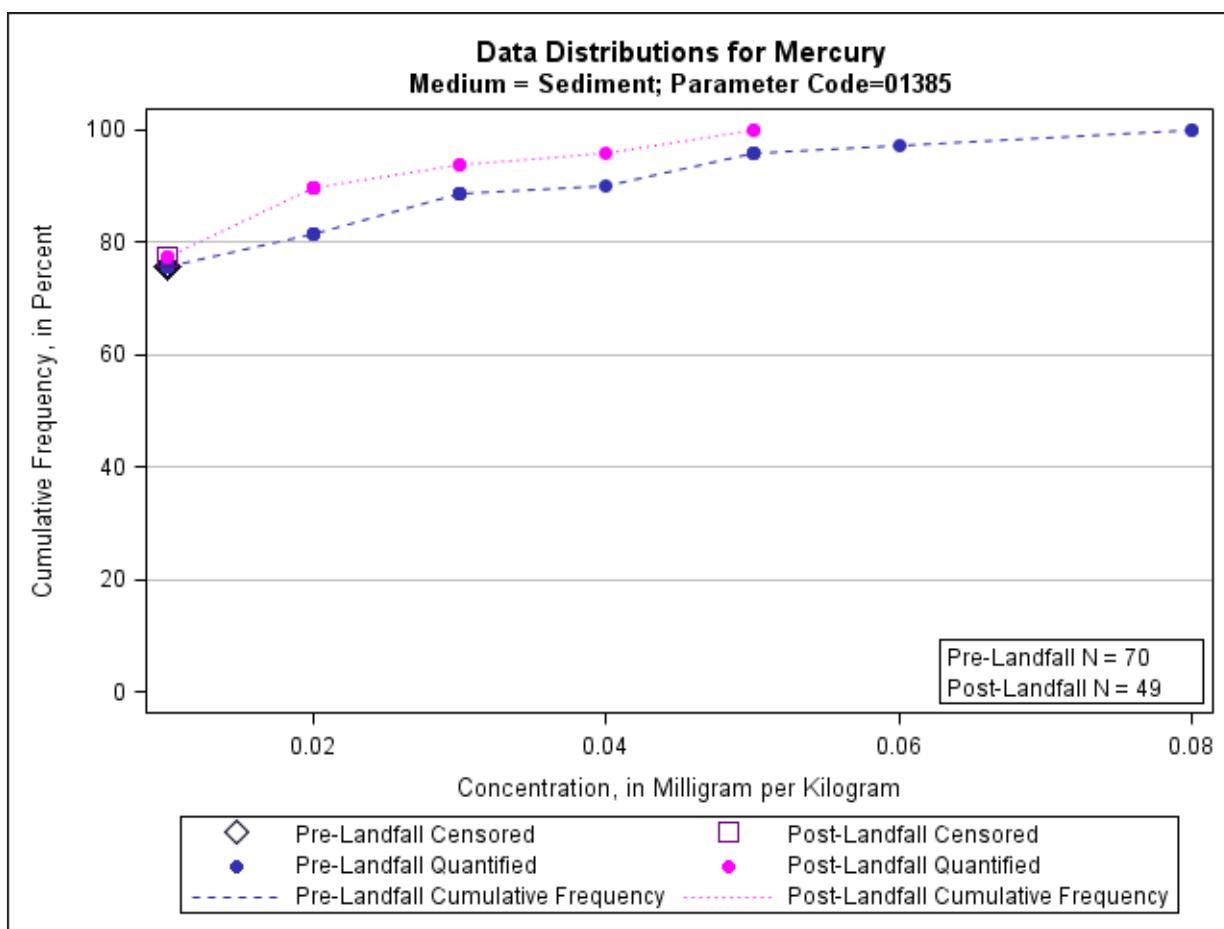
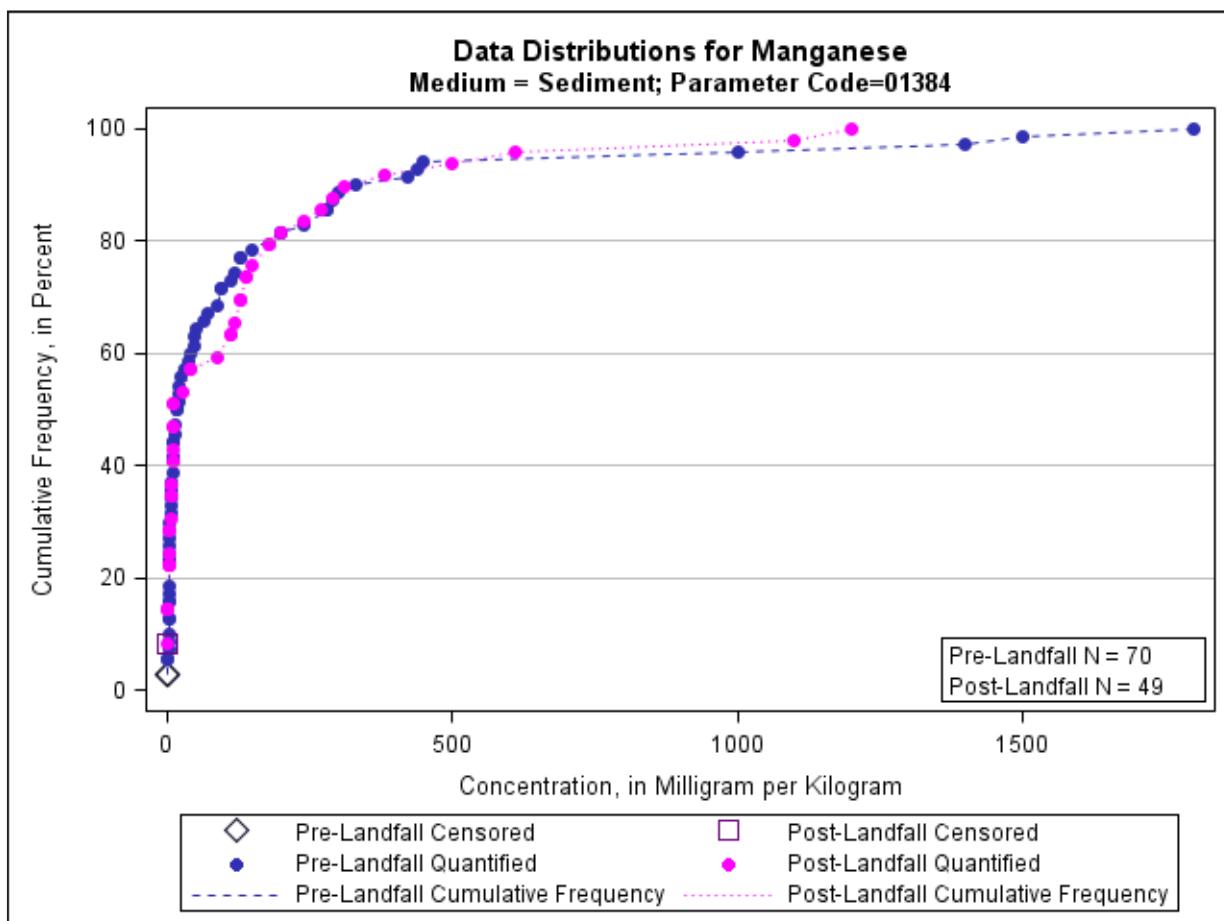


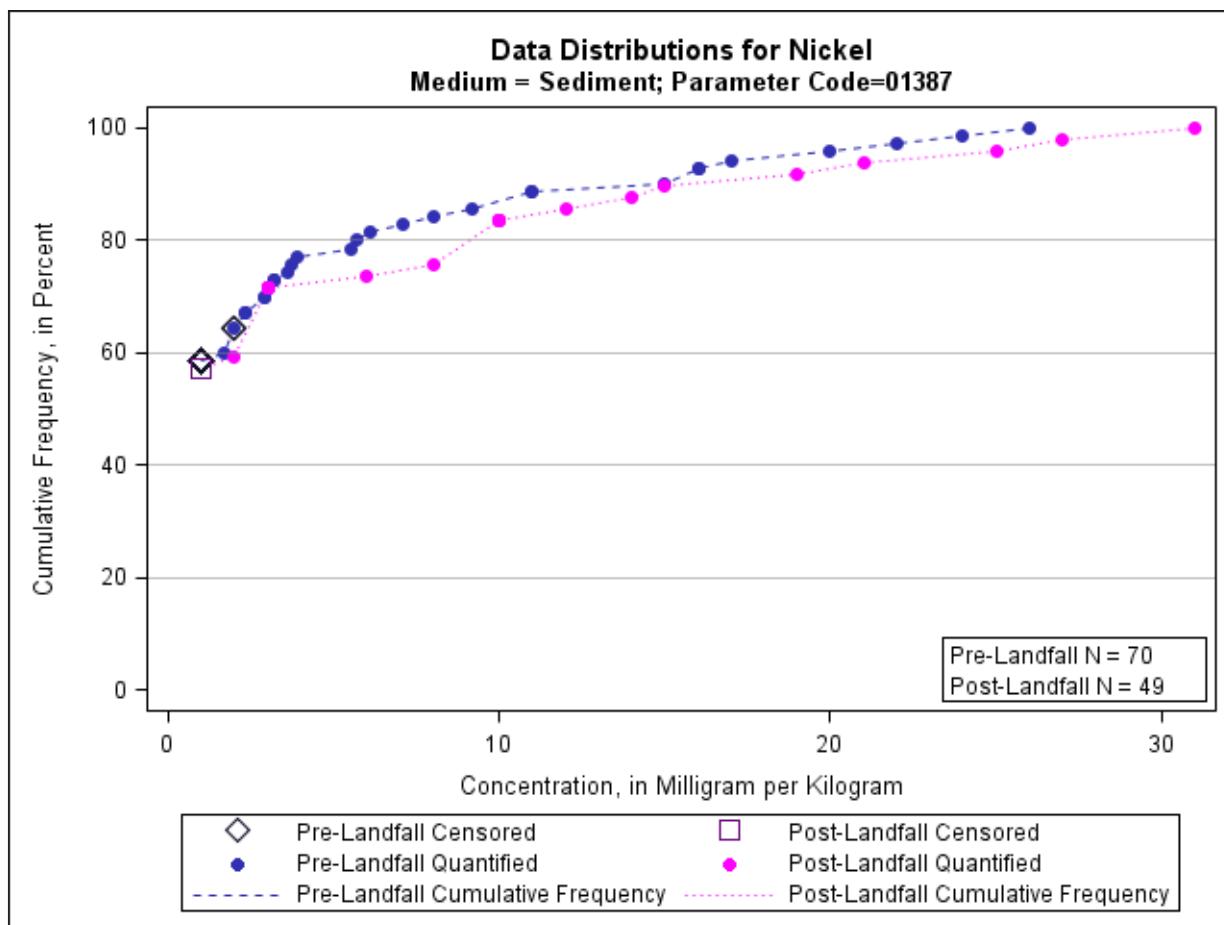
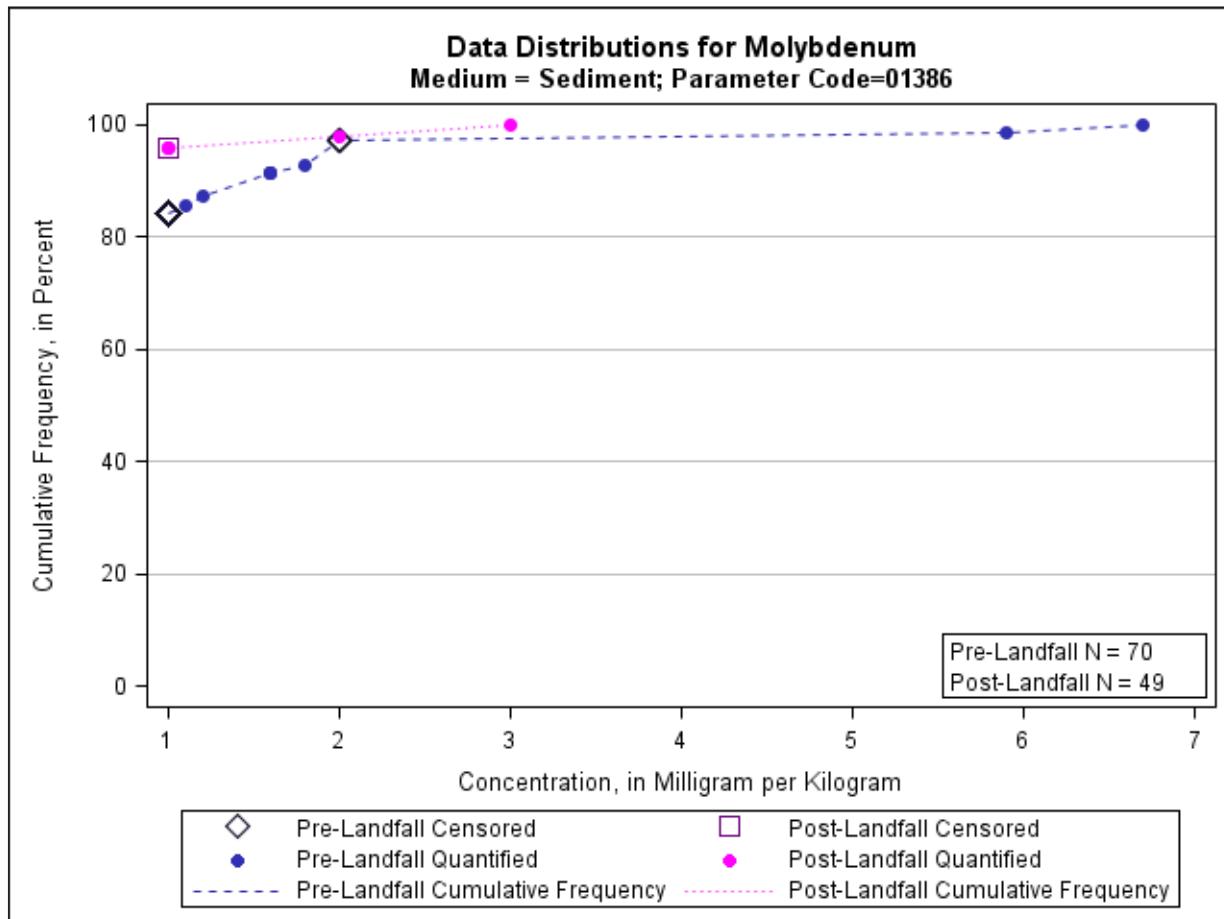


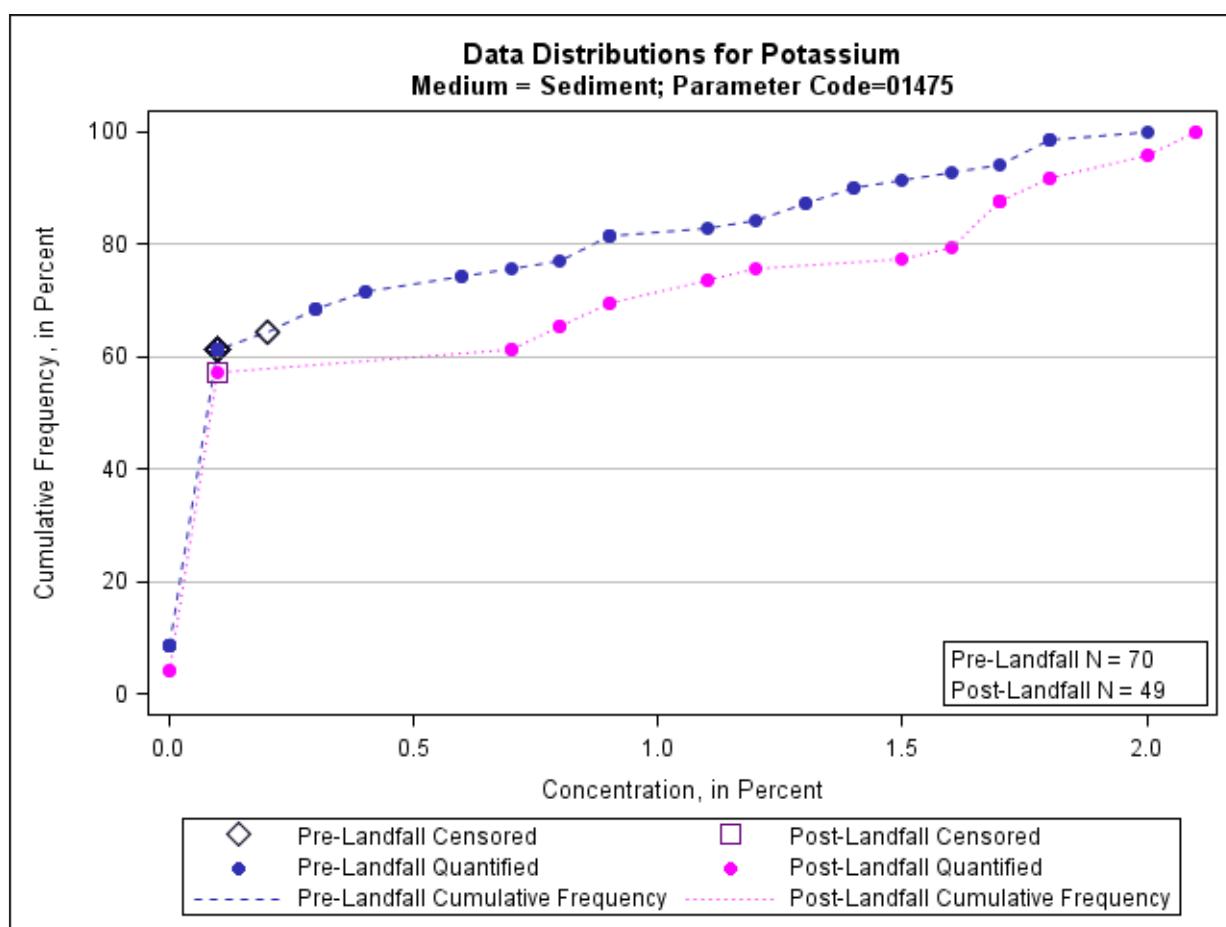
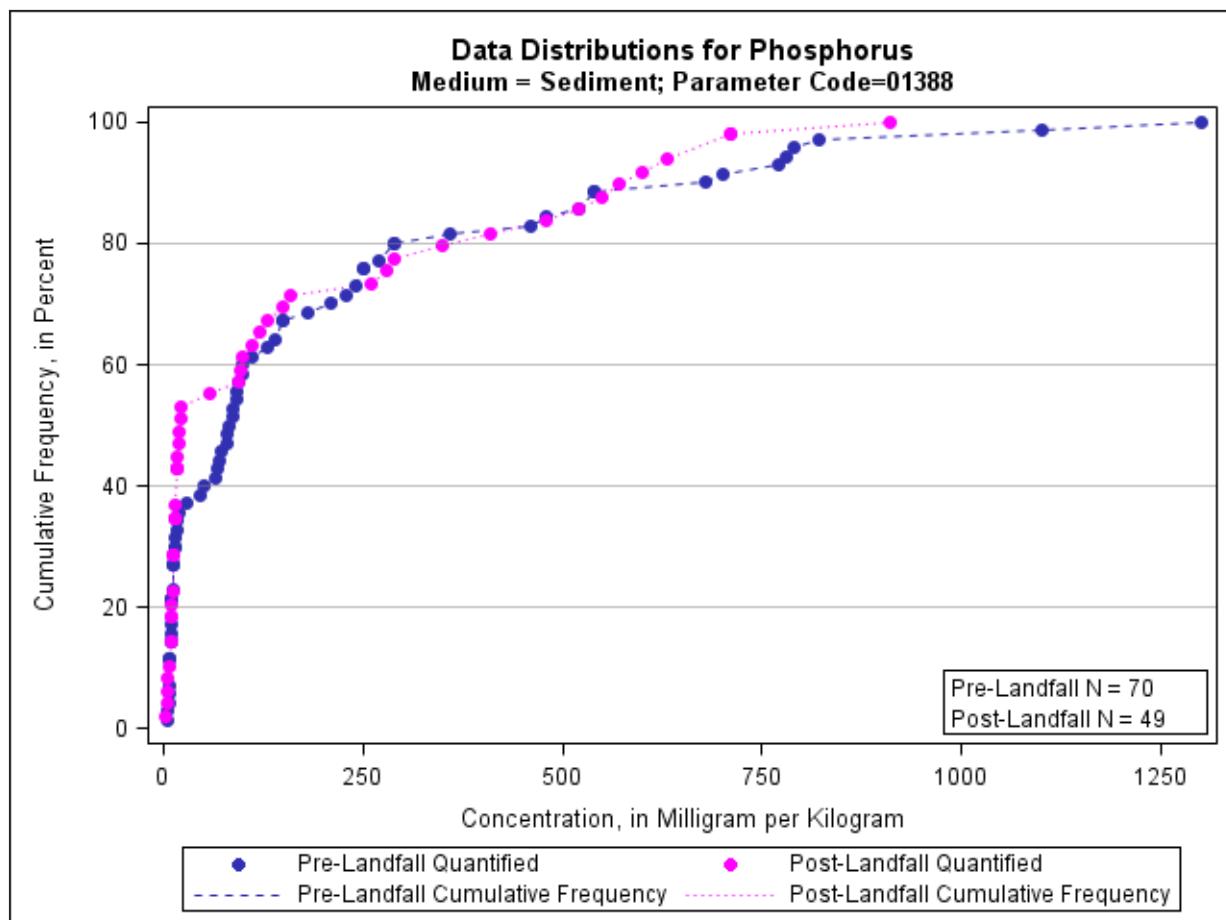


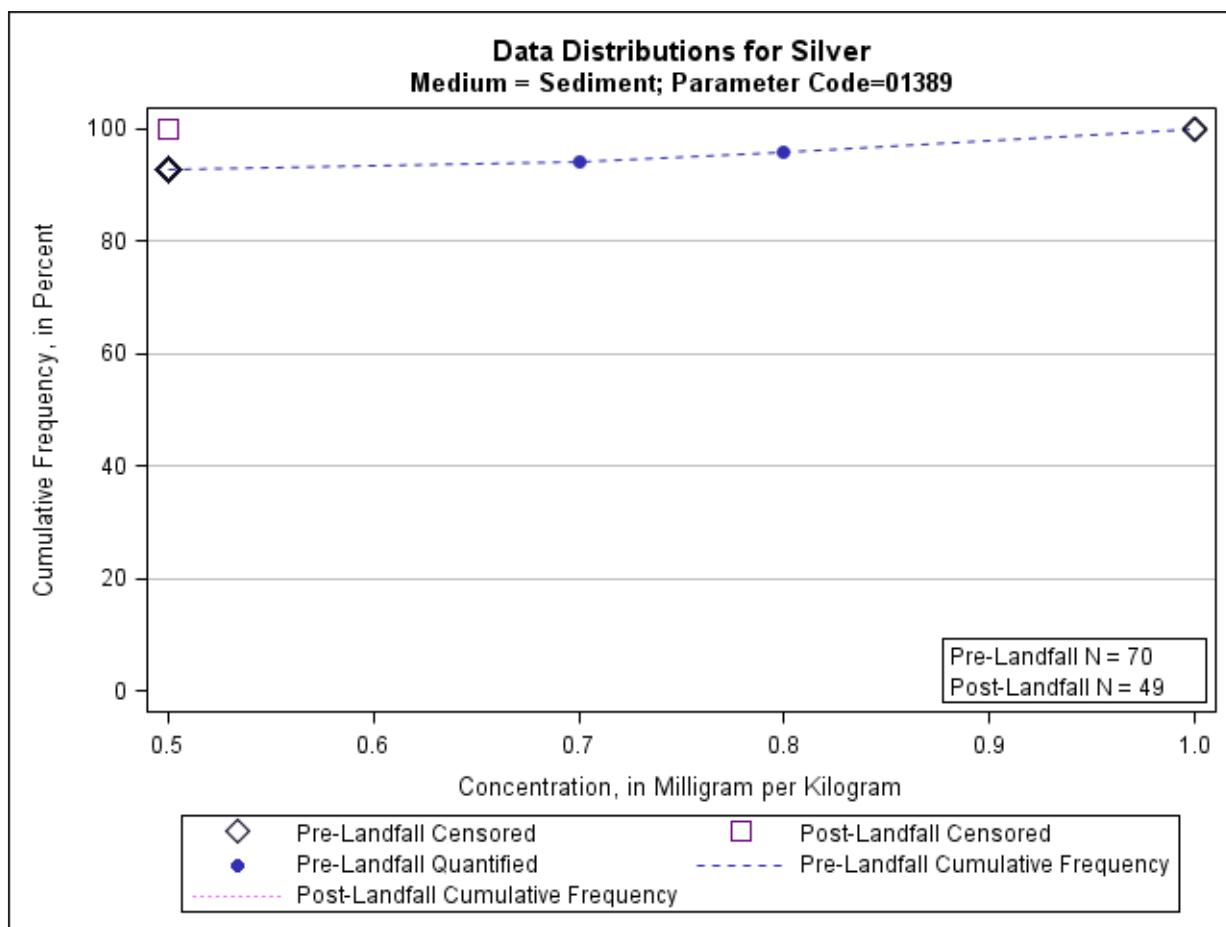
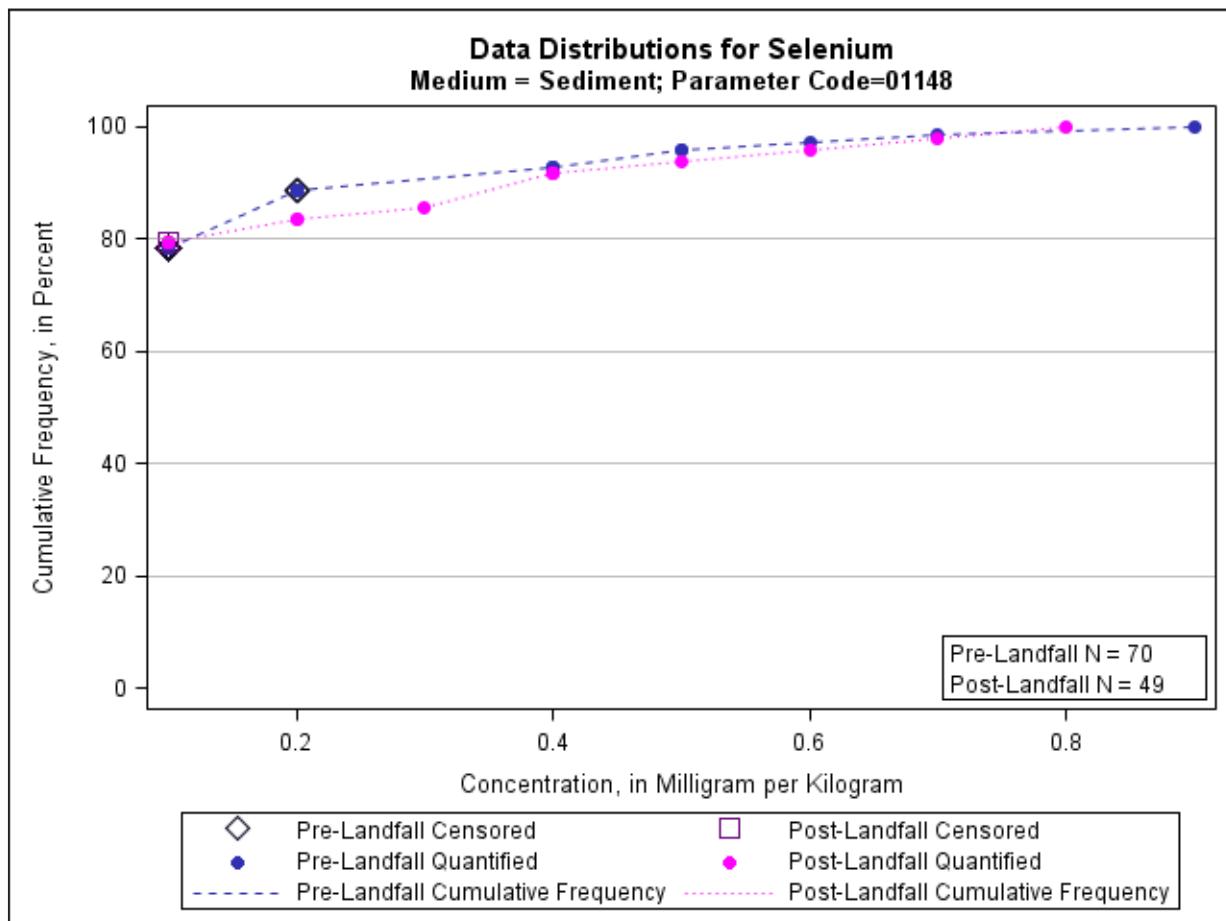


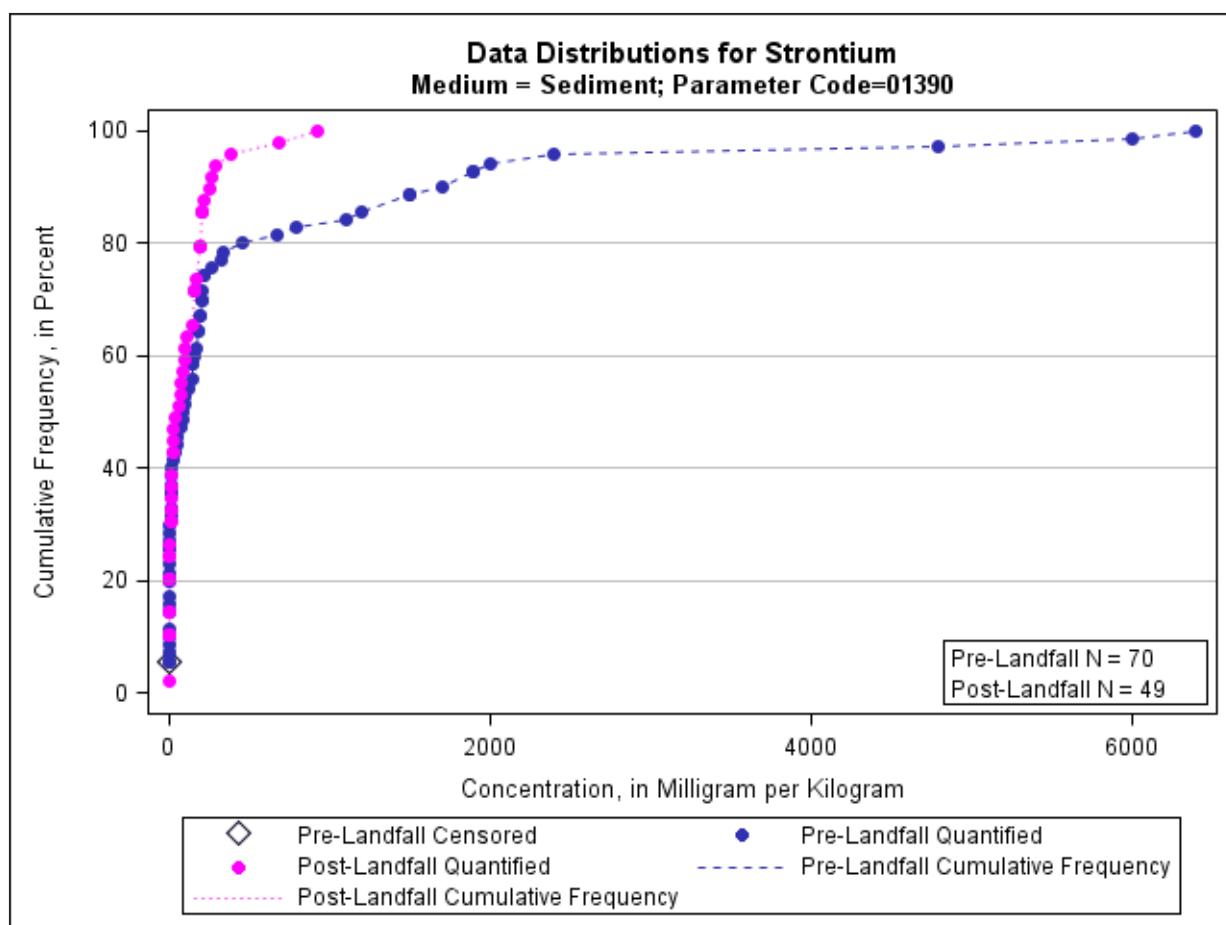
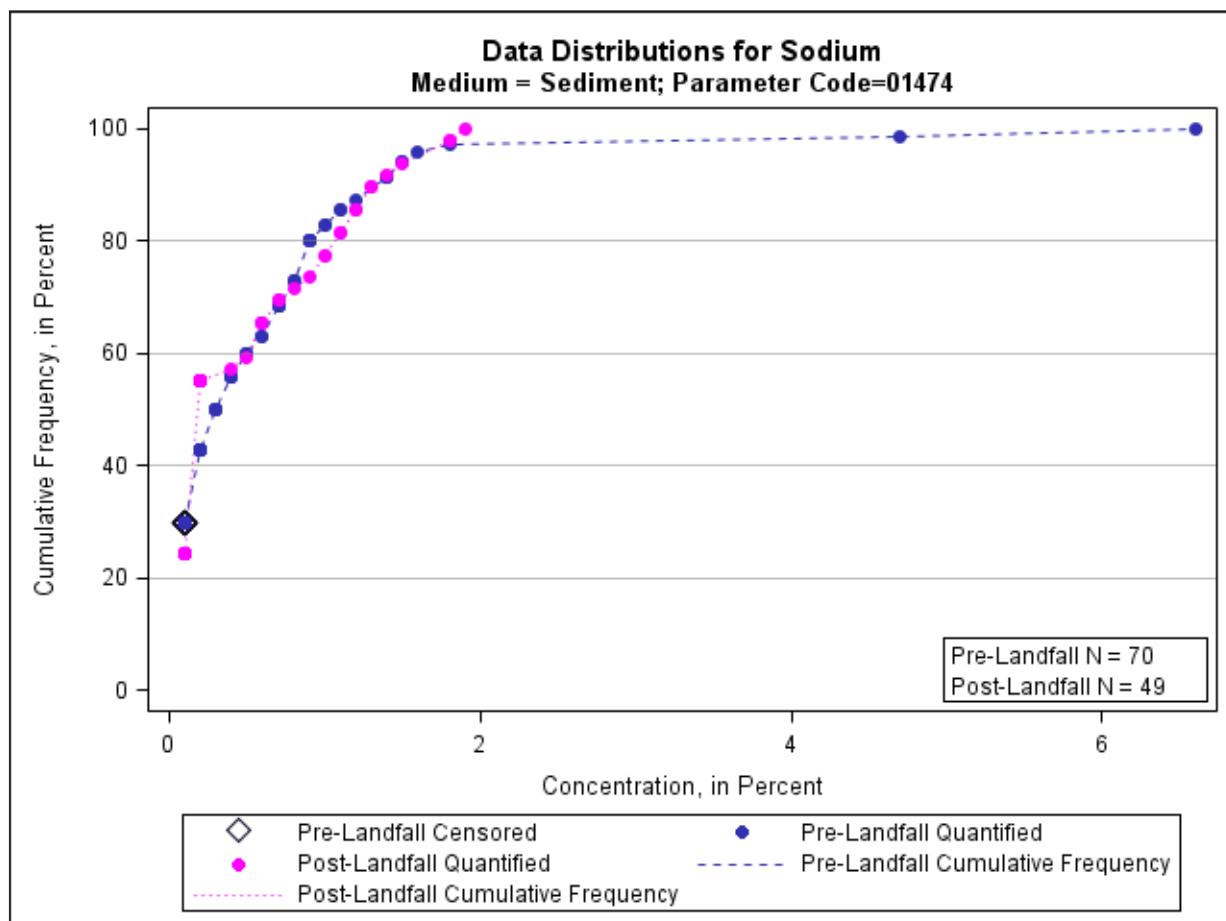


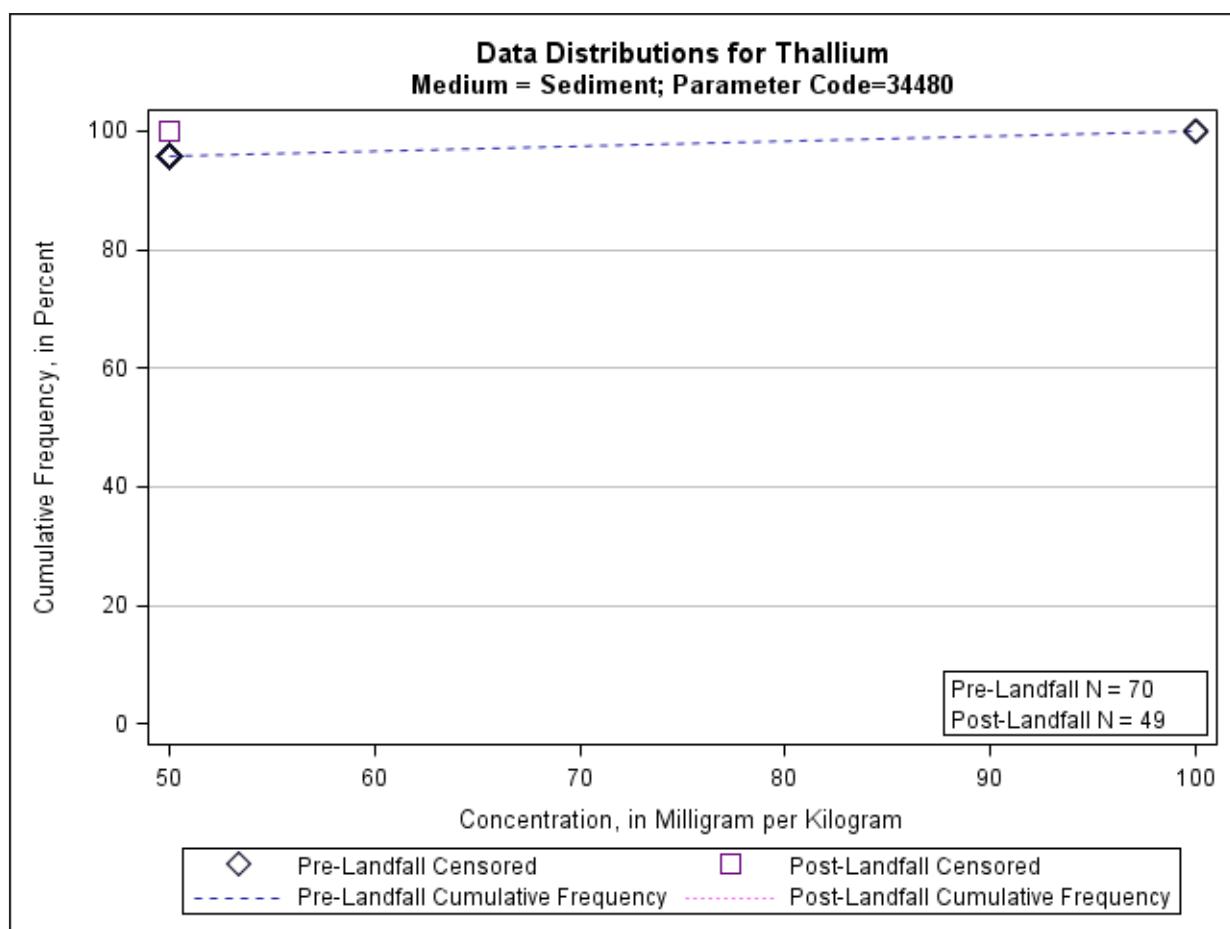
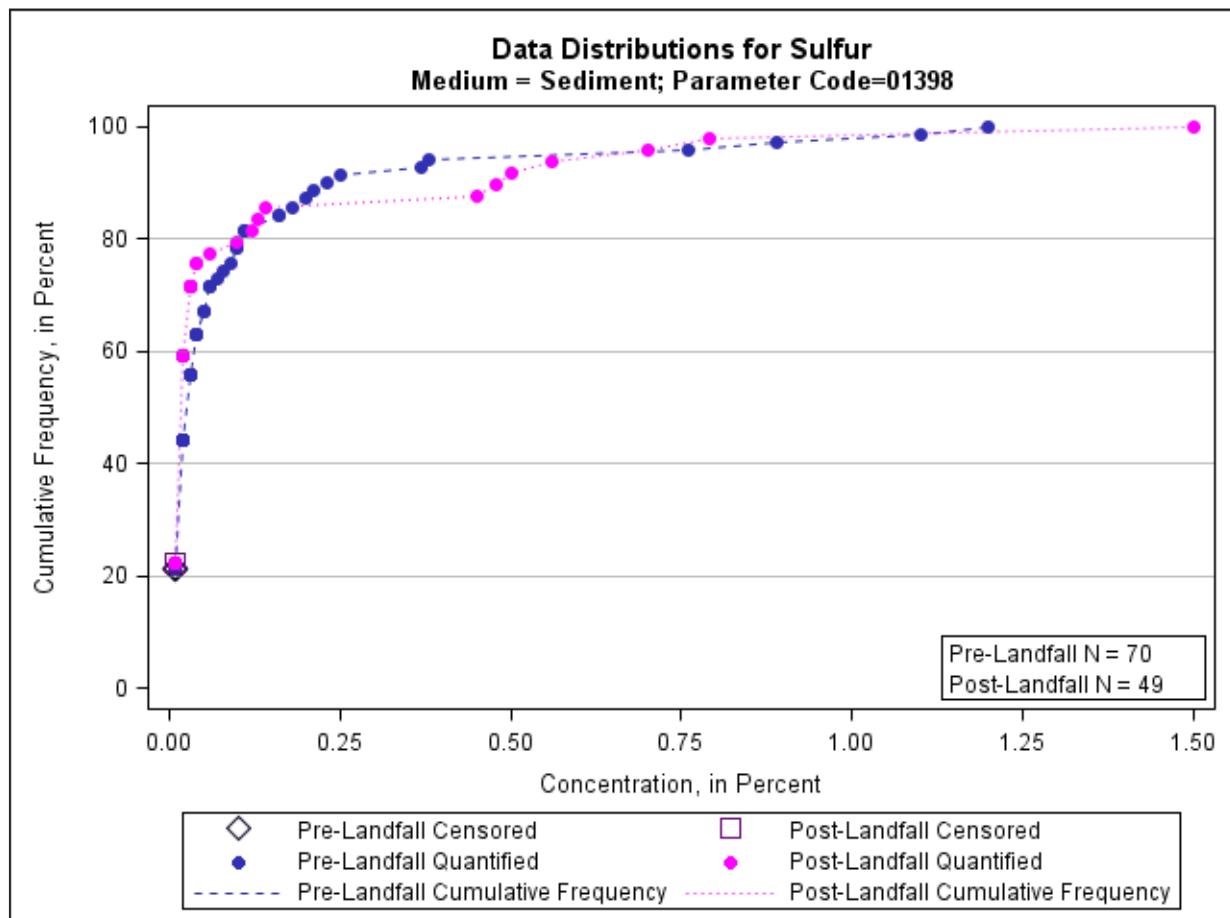


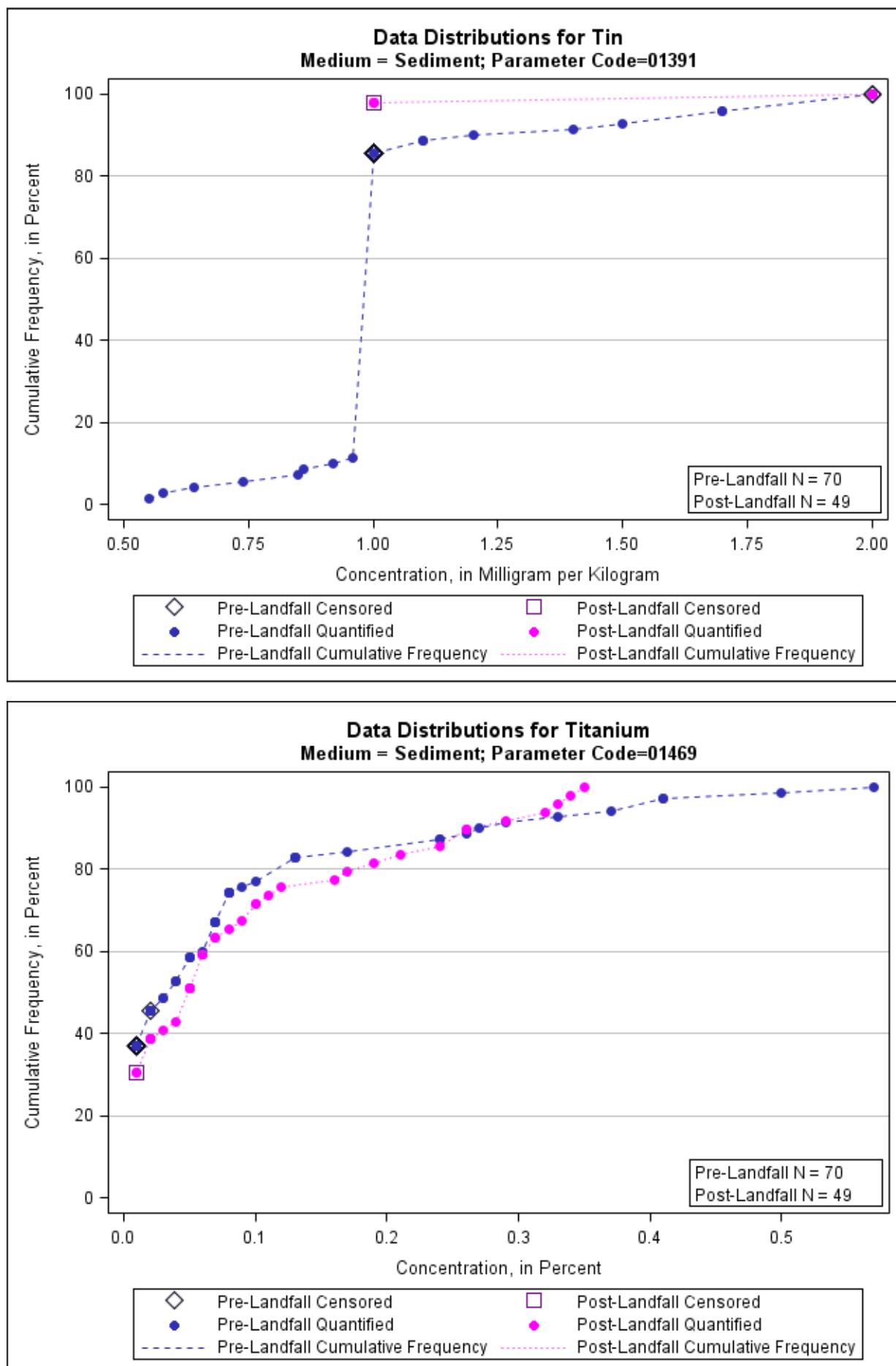


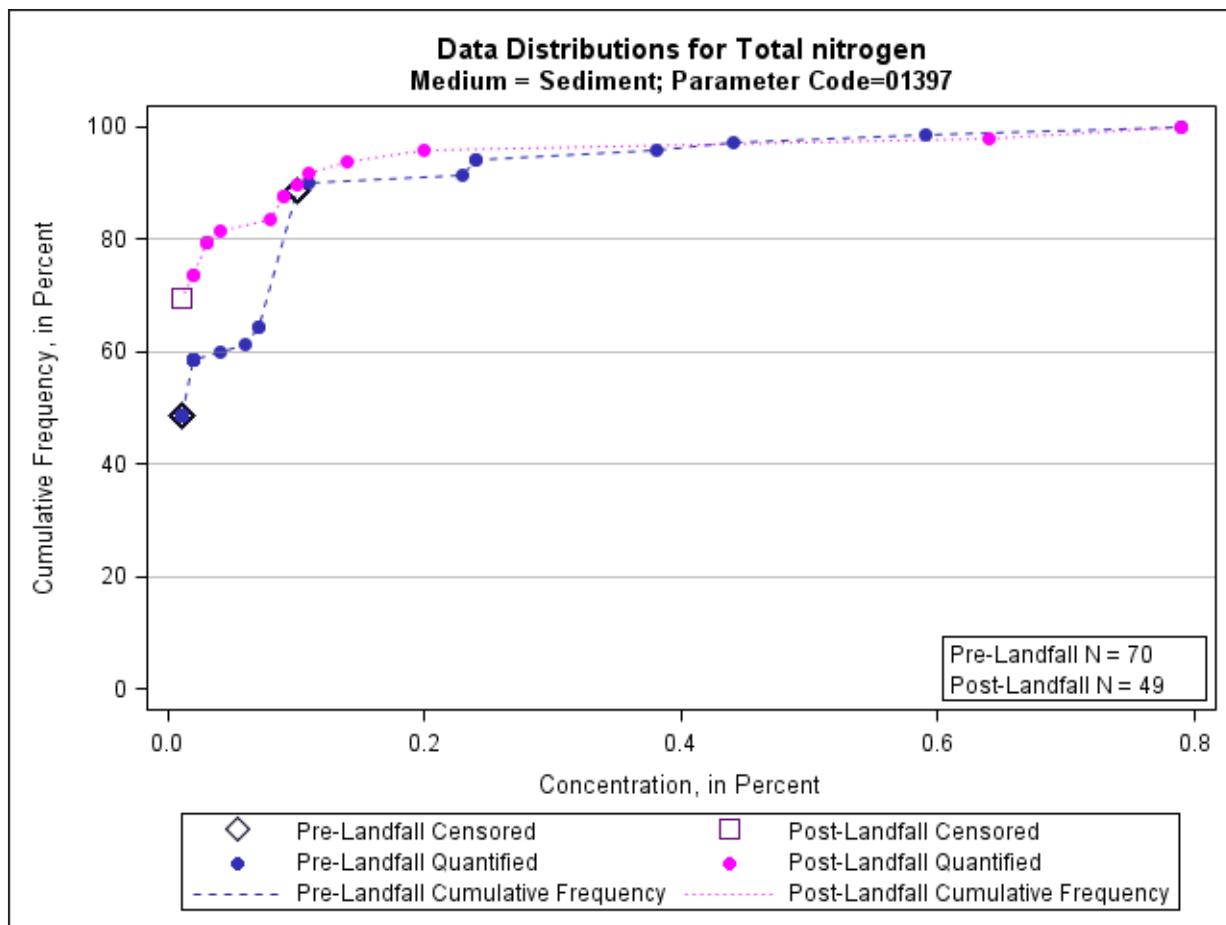
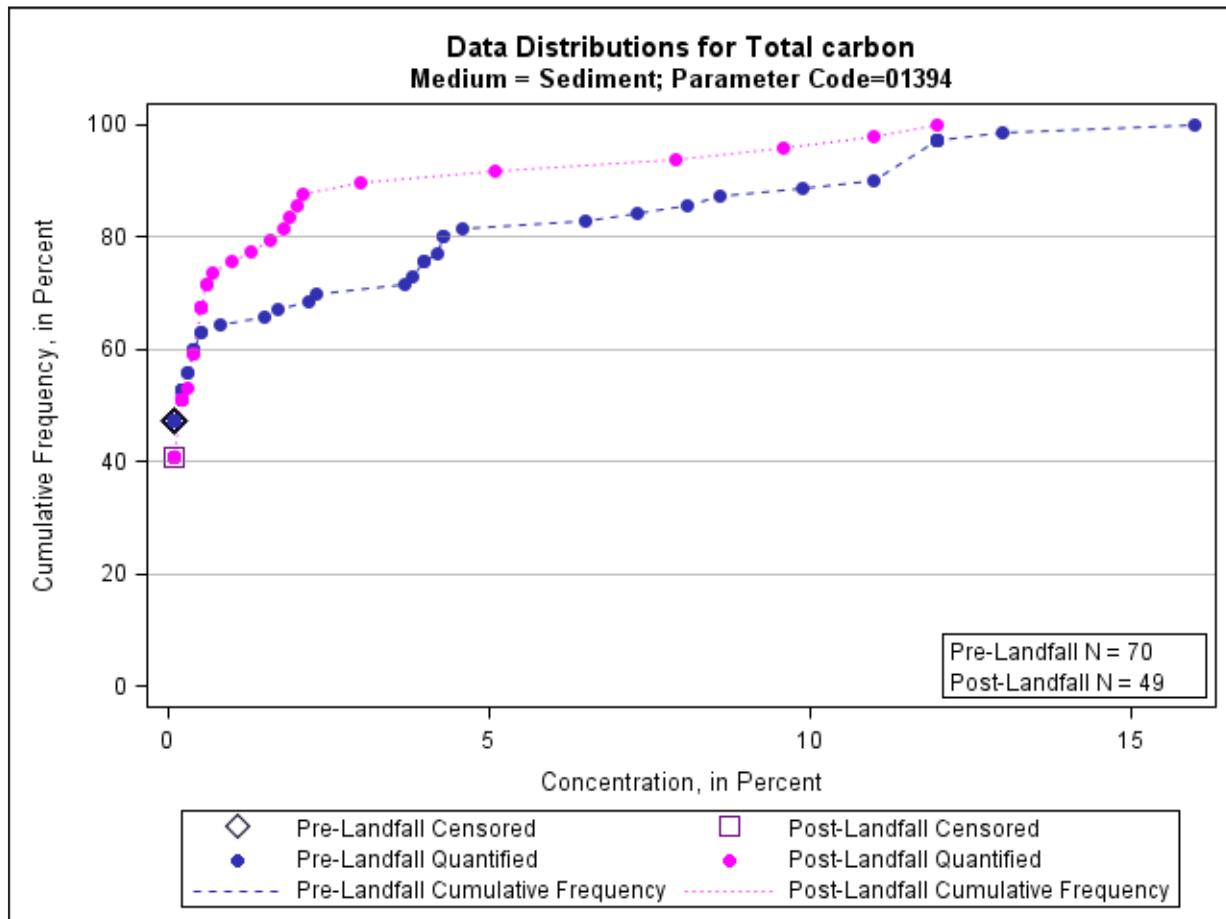


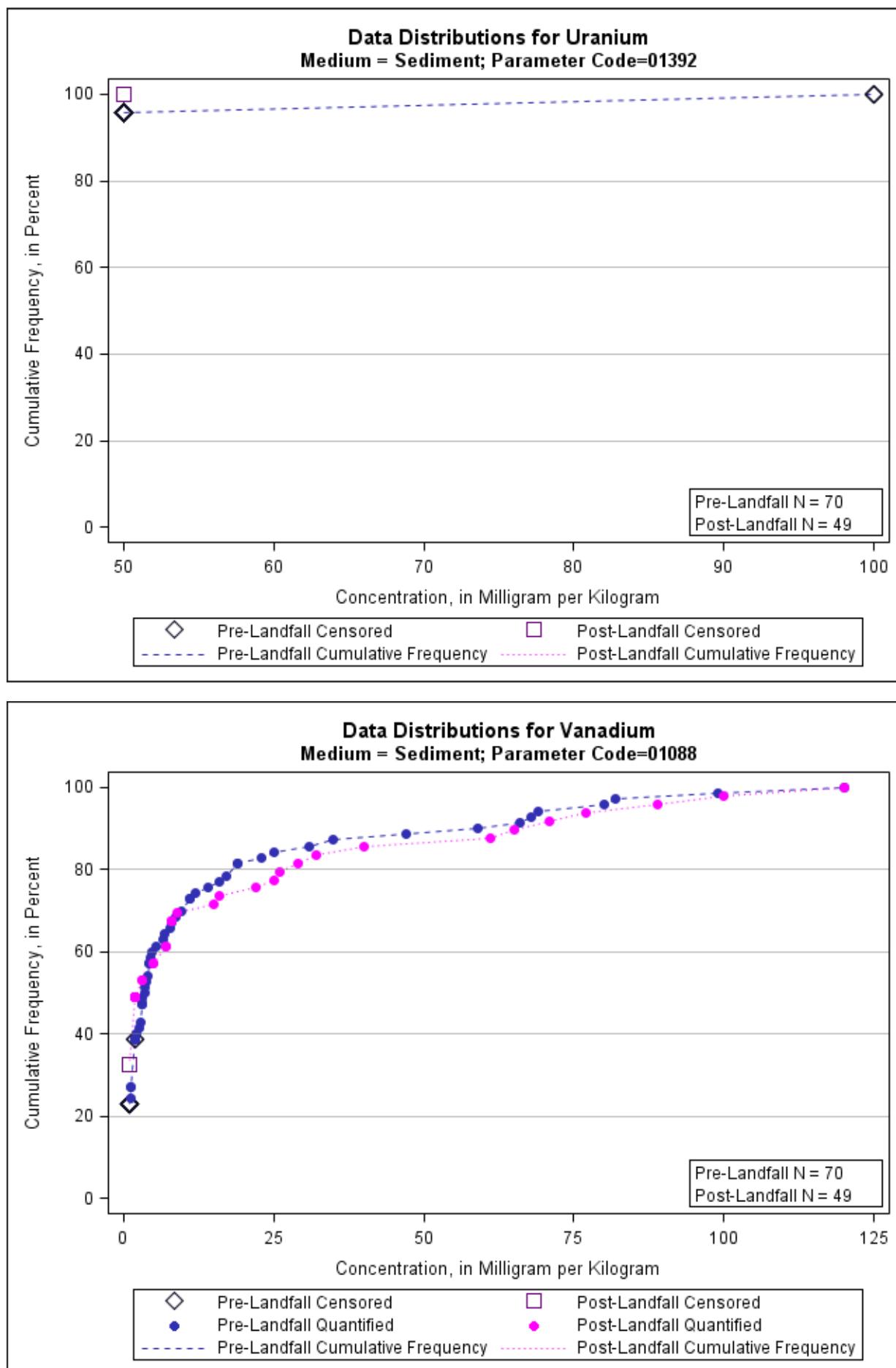


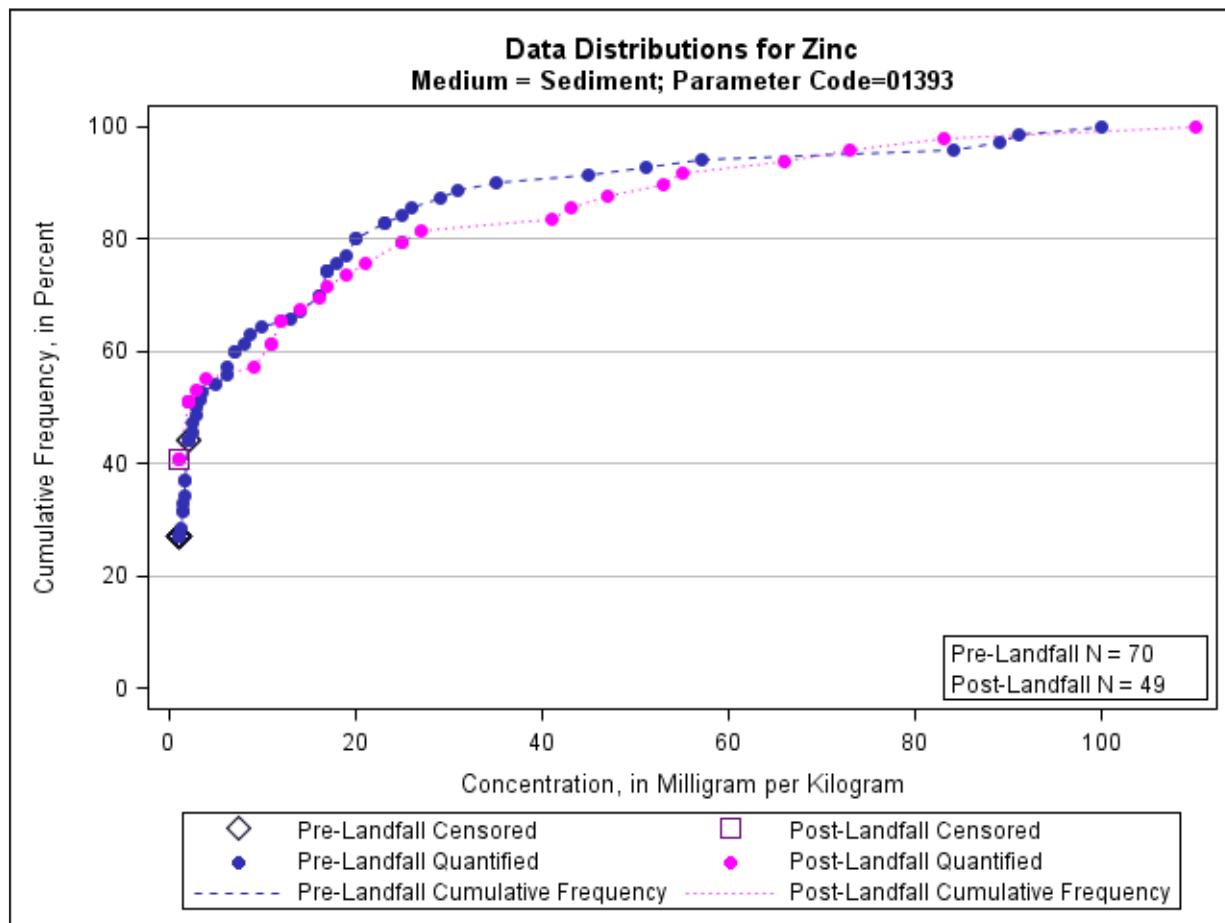












Appendix 2.5 Graphs Showing Data Distributions for Trace and Major Elements in the Less Than 63-Micrometer Fraction of Sediment Sampled in Response to the Deepwater Horizon Oil Spill, 2010

Aluminum.....	184
Antimony.....	184
Arsenic.....	185
Barium	185
Beryllium.....	186
Cadmium.....	186
Calcium.....	187
Chromium	187
Cobalt	188
Copper	188
Inorganic carbon.....	189
Iron	189
Lead	190
Lithium	190
Magnesium	191
Manganese.....	191
Mercury	192
Molybdenum	192
Nickel	193
Nitrogen.....	193
Organic carbon.....	194
Phosphorus.....	194
Potassium.....	195
Selenium.....	195
Silver	196
Sodium.....	196
Strontium.....	197
Sulfur	197
Thallium.....	198
Tin	198
Titanium.....	199
Uranium.....	199
Vanadium.....	200
Zinc	200

