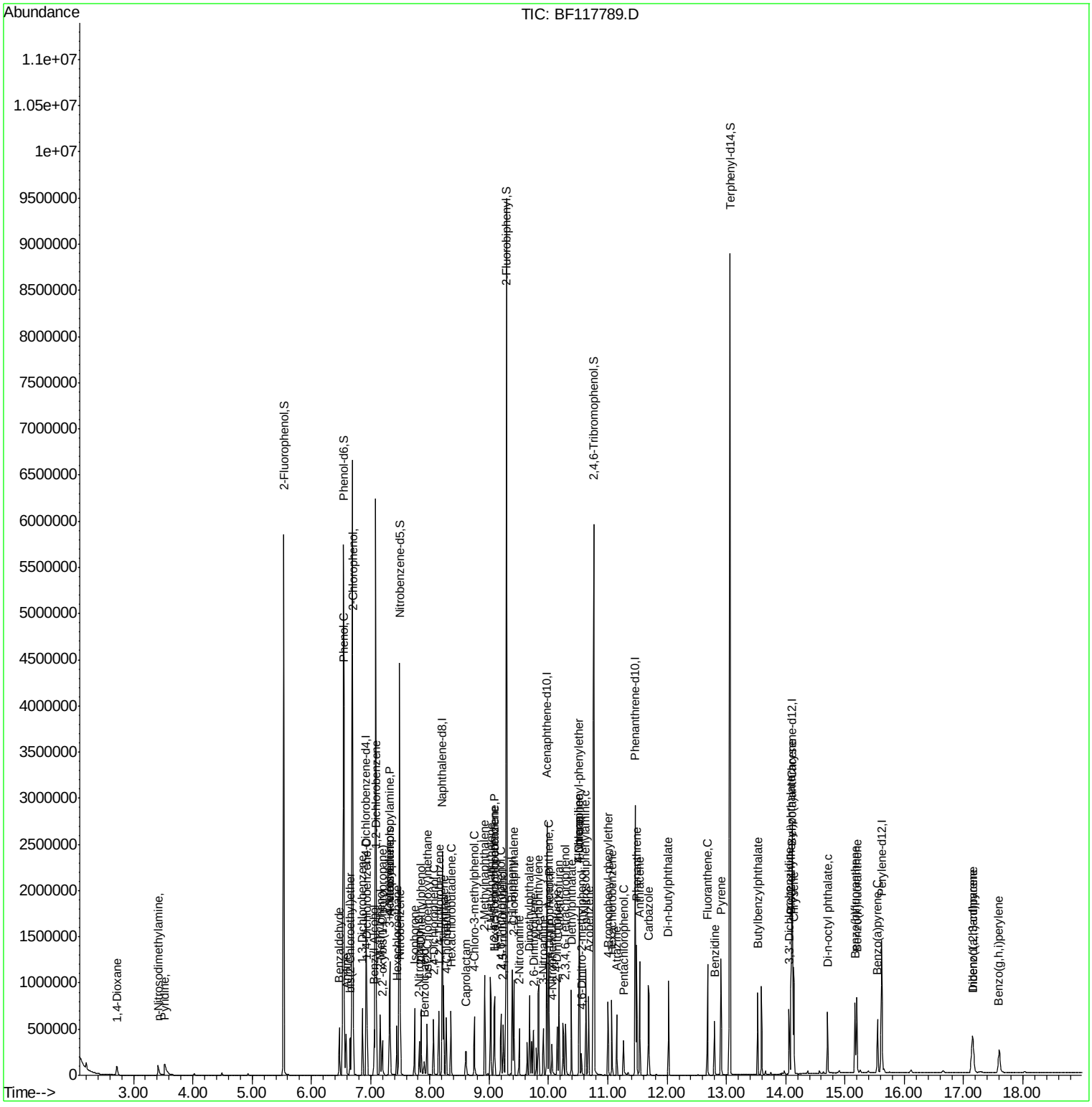
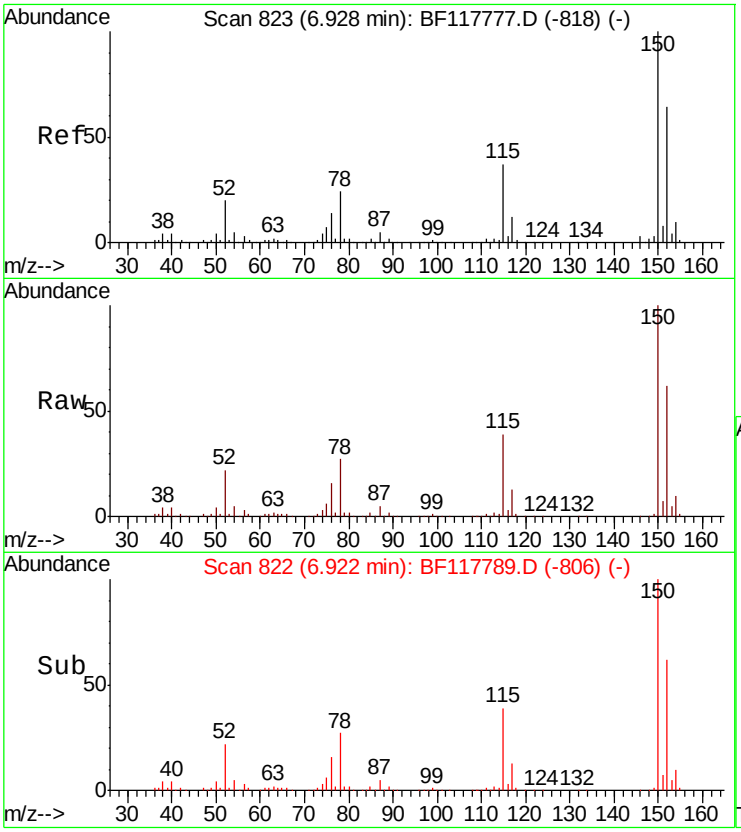
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111419\
Data File : BF117789.D
Acq On : 14 Nov 2019 11:34
Operator : JU
Sample : K5111-07
Misc : LOD-MDL-WTR-8PPM
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Quant Time: Nov 14 12:21:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 14 10:38:53 2019
Response via : Initial Calibration



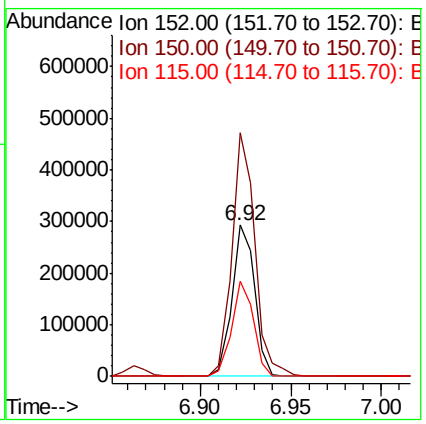


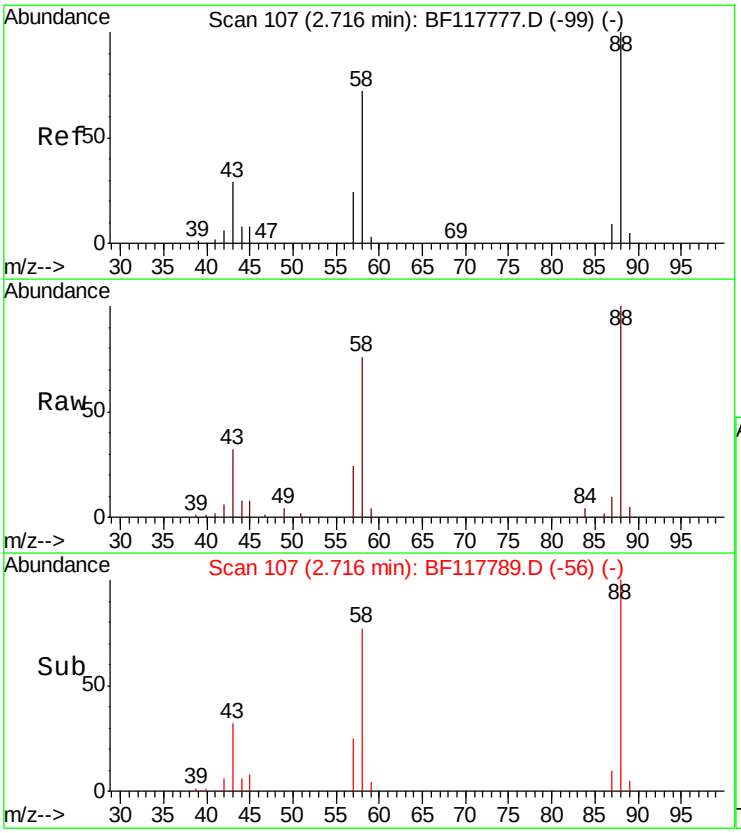
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tgt Ion:152 Resp: 253627

Ion	Ratio	Lower	Upper
152	100		
150	161.3	125.3	187.9
115	63.2	47.0	70.4

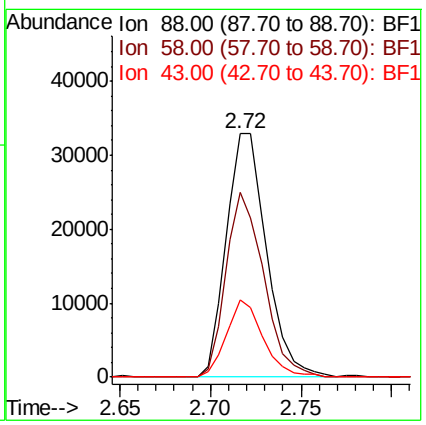


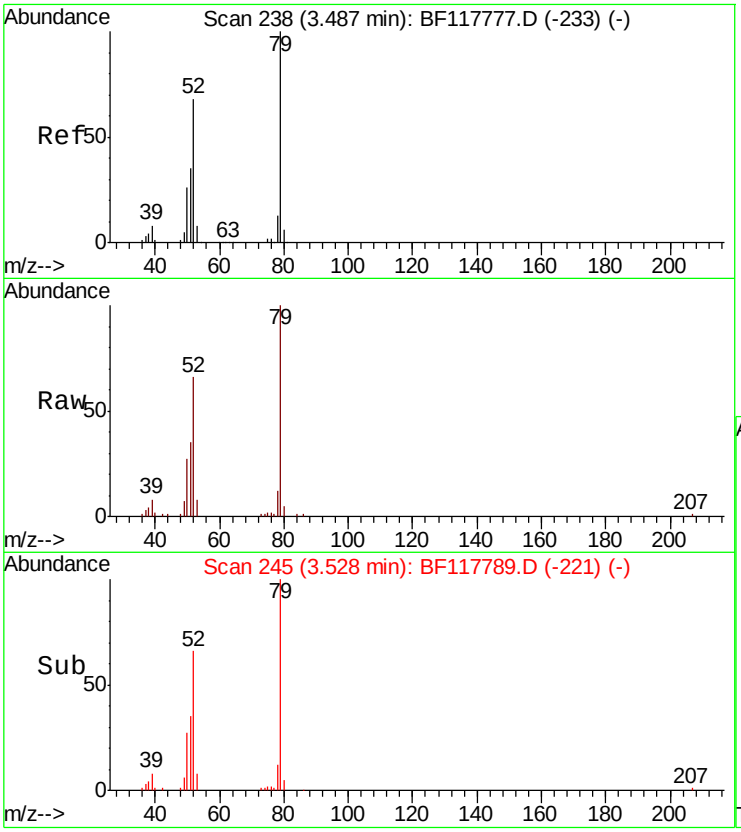


#2
1,4-Dioxane
Concen: 7.575 ng
RT: 2.72 min Scan# 107
Delta R.T. 0.00 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Tgt Ion: 88 Resp: 50737

Ion	Ratio	Lower	Upper
88	100		
58	71.2	58.2	87.2
43	29.1	23.3	34.9



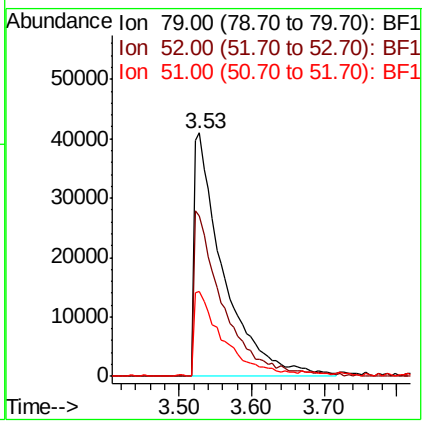


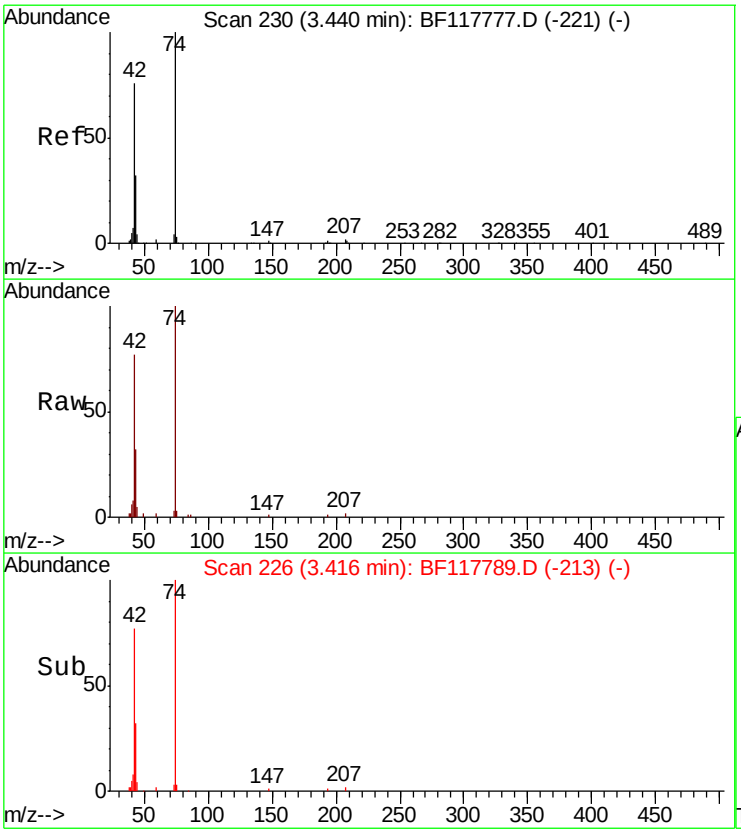
#3
Pyridine
Concen: 6.552 ng
RT: 3.53 min Scan# 245
Delta R.T. 0.04 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tgt Ion: 79 Resp: 115112

Ion	Ratio	Lower	Upper
79	100		
52	65.8	54.8	82.2
51	34.7	28.2	42.4

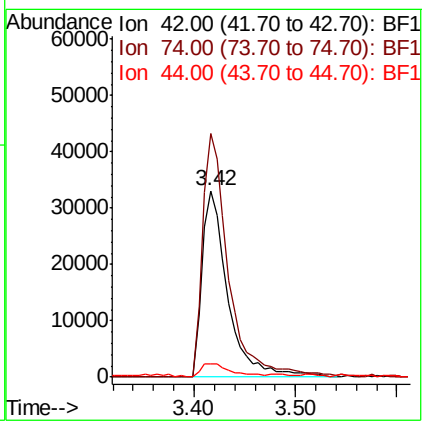


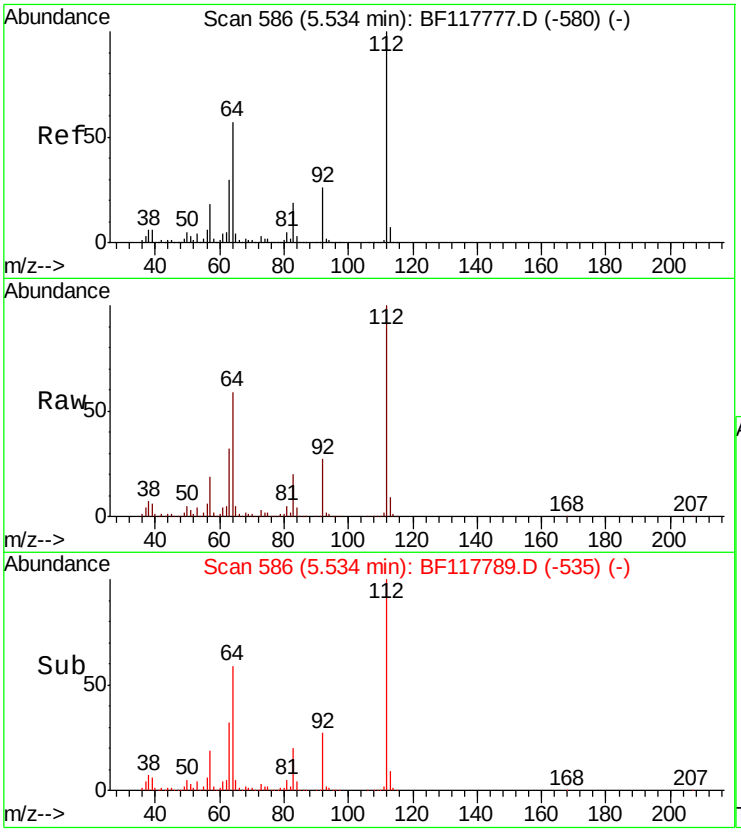


#4
n-Nitrosodimethylamine
Concen: 7.618 ng
RT: 3.42 min Scan# 226
Delta R.T. -0.02 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Tgt Ion: 42 Resp: 58422

Ion	Ratio	Lower	Upper
42	100		
74	130.7	105.1	157.7
44	6.8	4.6	7.0



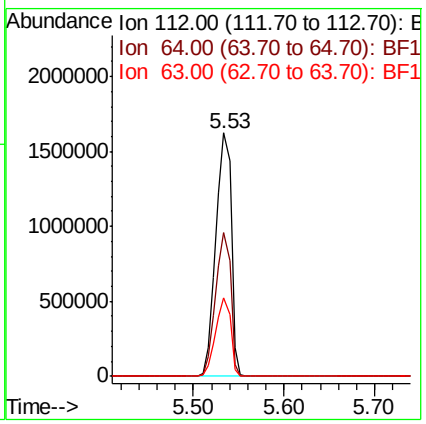


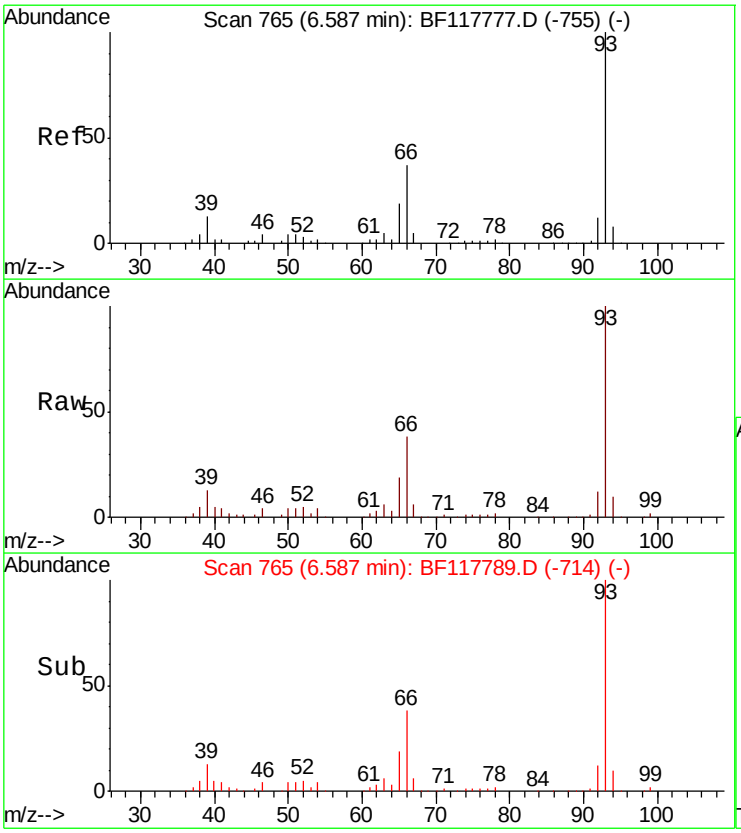
#5
2-Fluorophenol
Concen: 133.007 ng
RT: 5.53 min Scan# 586
Delta R.T. 0.00 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tgt Ion:112 Resp: 1905772

Ion	Ratio	Lower	Upper
112	100		
64	58.8	45.6	68.4
63	32.0	24.1	36.1

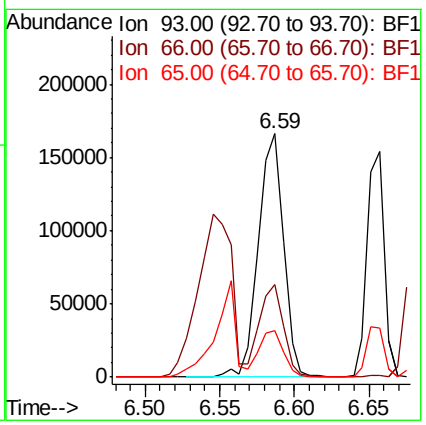


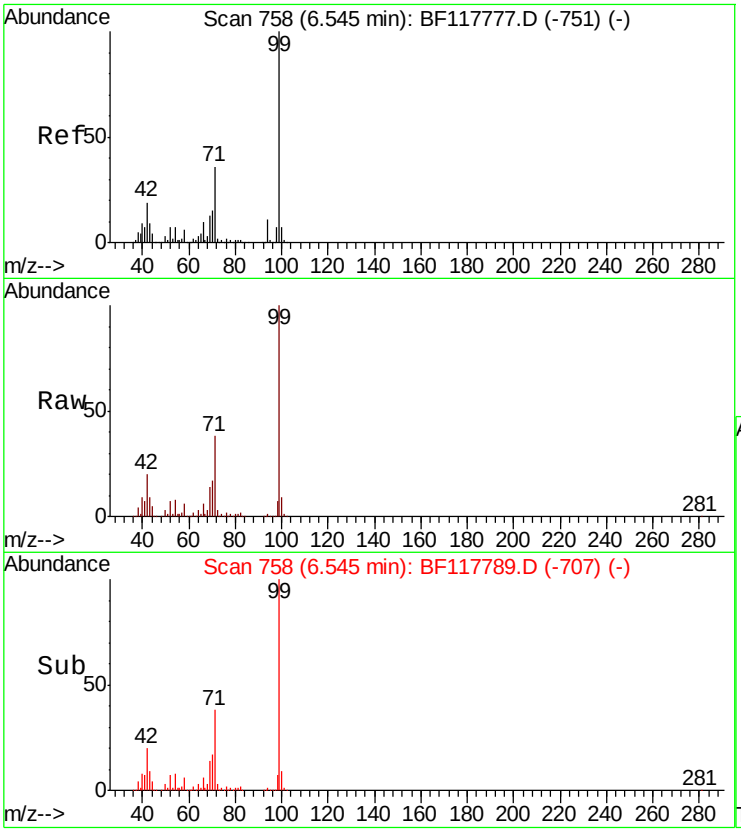


#6
Aniline
Concen: 8.467 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Tgt Ion: 93 Resp: 193377

Ion	Ratio	Lower	Upper
93	100		
66	38.1	30.6	45.8
65	19.1	15.6	23.4



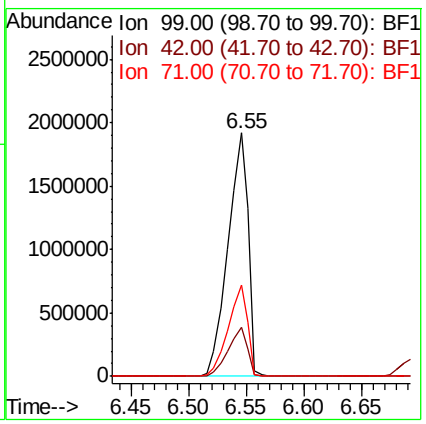


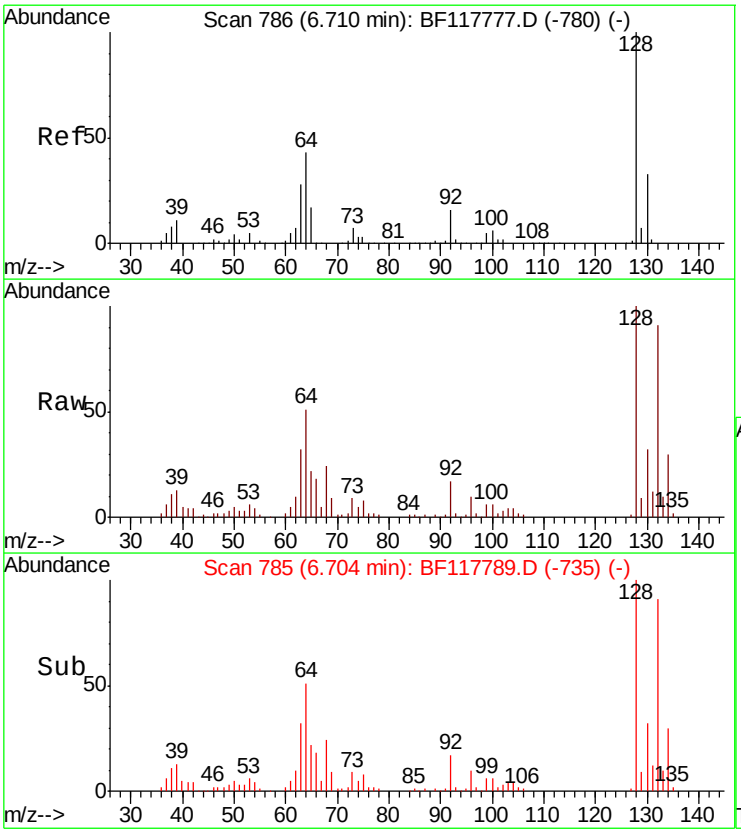
#7
Phenol-d6
Concen: 134.115 ng
RT: 6.55 min Scan# 758
Delta R.T. 0.00 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tgt Ion: 99 Resp: 2317815

Ion	Ratio	Lower	Upper
99	100		
42	19.9	14.9	22.3
71	37.7	28.6	43.0

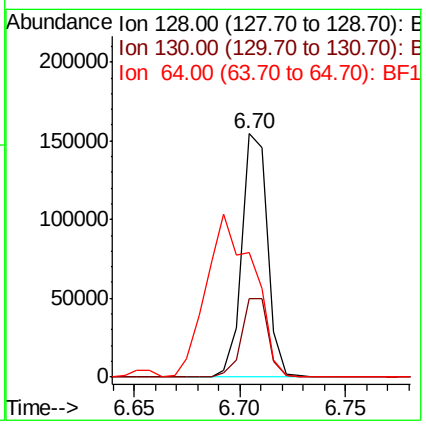


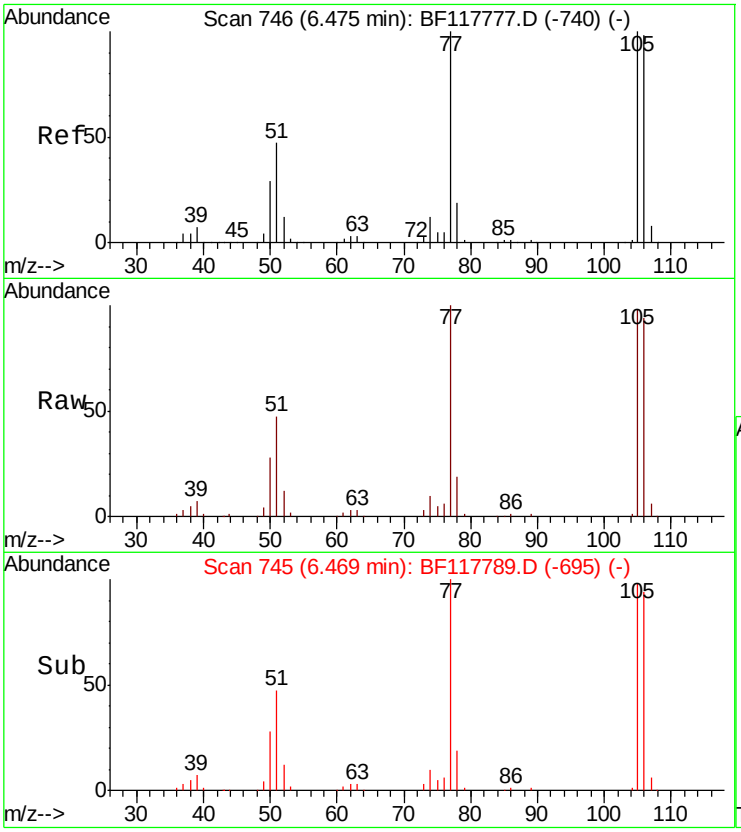


#8
2-Chlorophenol
Concen: 8.377 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Tgt Ion:128 Resp: 130237

Ion	Ratio	Lower	Upper
128	100		
130	32.4	13.2	53.2
64	51.3	23.7	63.7



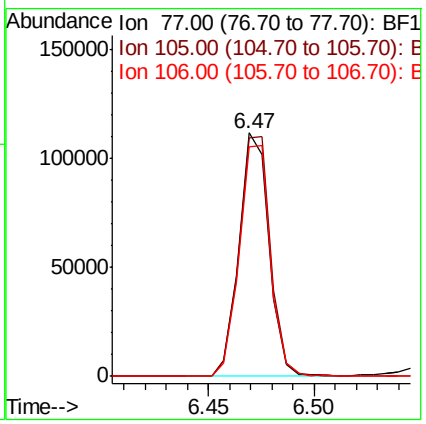


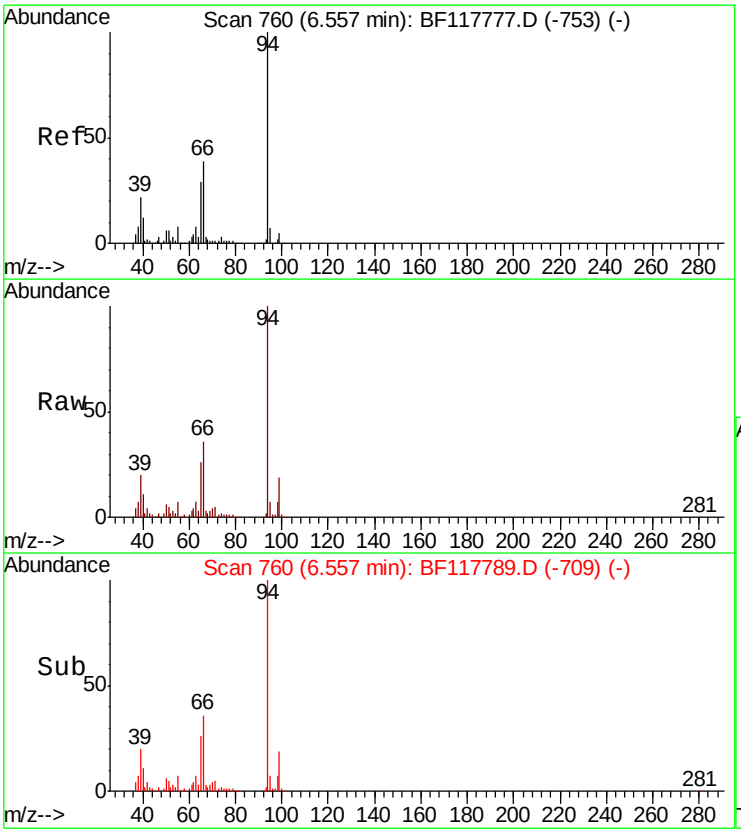
#9
Benzaldehyde
Concen: 10.162 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.00 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tgt Ion: 77 Resp: 109704

Ion	Ratio	Lower	Upper
77	100		
105	98.1	80.2	120.2
106	94.4	78.4	118.4

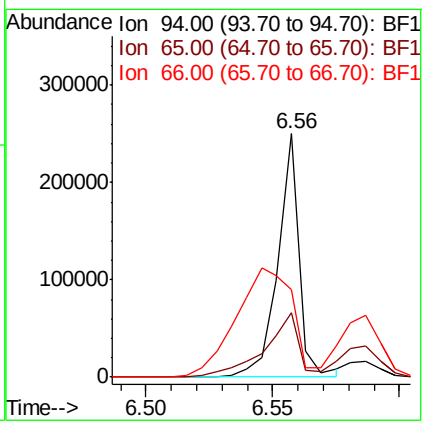


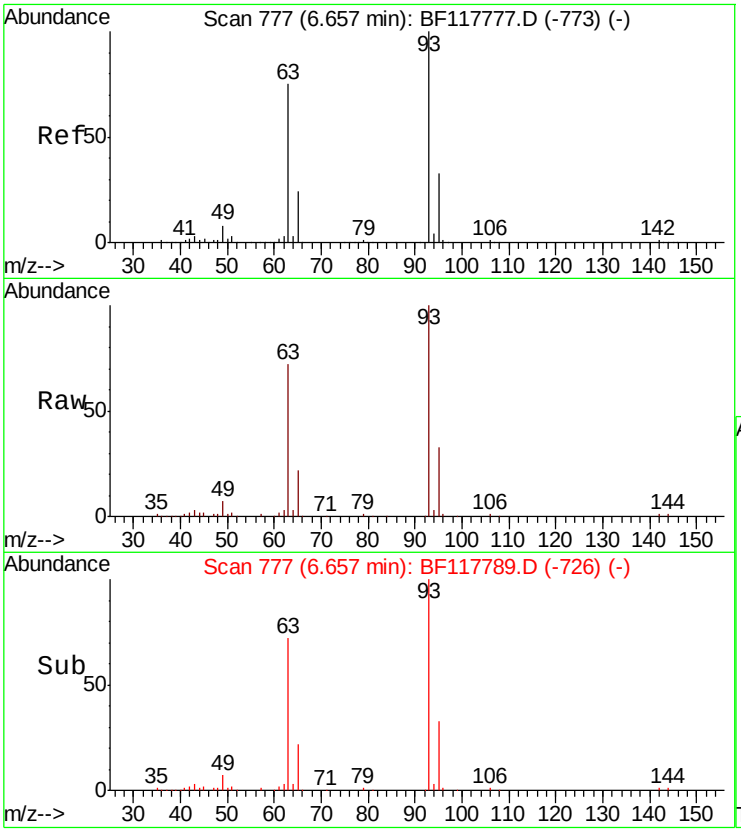


#10
Phenol
Concen: 8.236 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Tgt Ion: 94 Resp: 147912

Ion	Ratio	Lower	Upper
94	100		
65	26.4	8.9	48.9
66	36.1	18.7	58.7



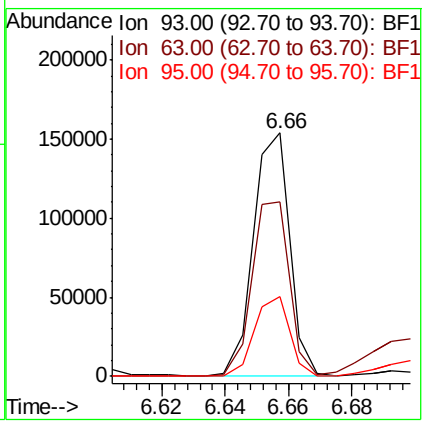


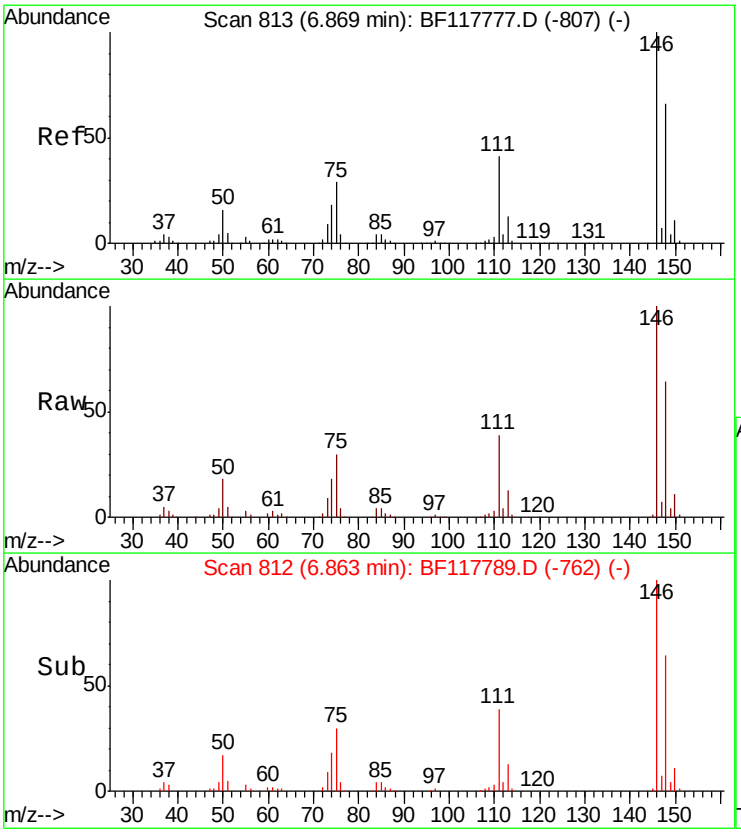
#11
bis(2-Chloroethyl)ether
Concen: 8.529 ng
RT: 6.66 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tgt Ion: 93 Resp: 122997

Ion	Ratio	Lower	Upper
93	100		
63	71.6	54.8	94.8
95	32.9	12.7	52.7

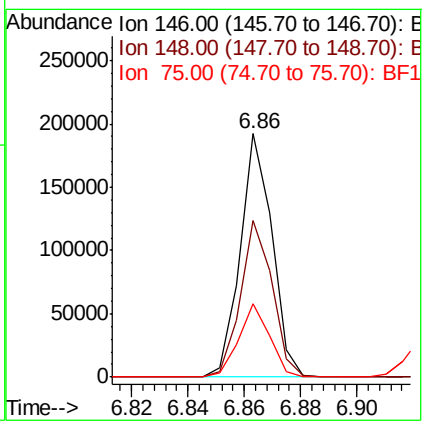


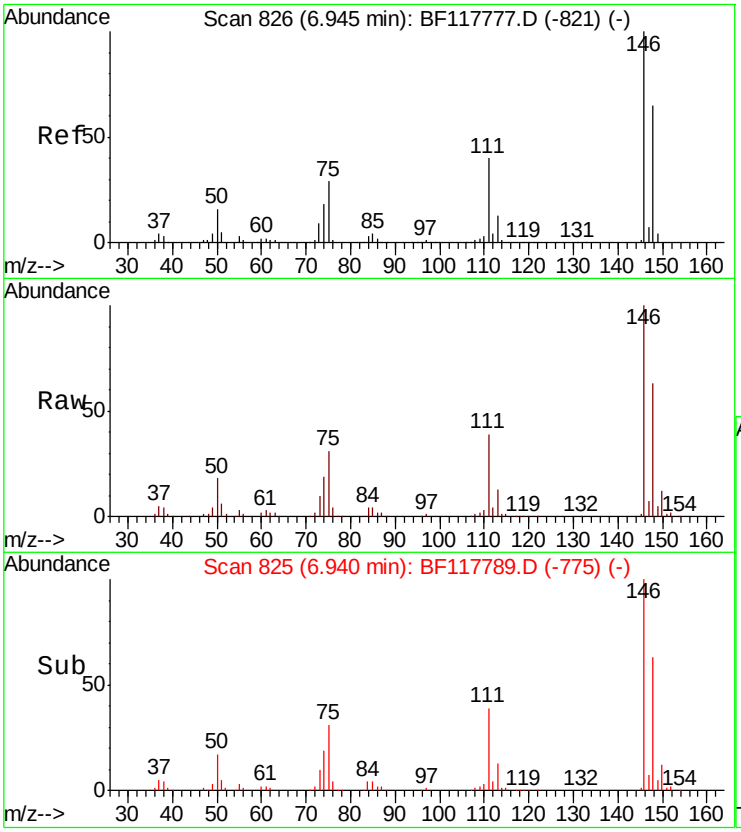


#12
1,3-Dichlorobenzene
Concen: 8.174 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Tgt Ion:146 Resp: 149616

Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.8	79.2
75	29.9	23.4	35.0



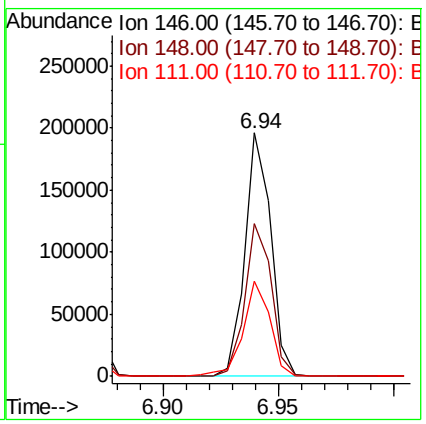


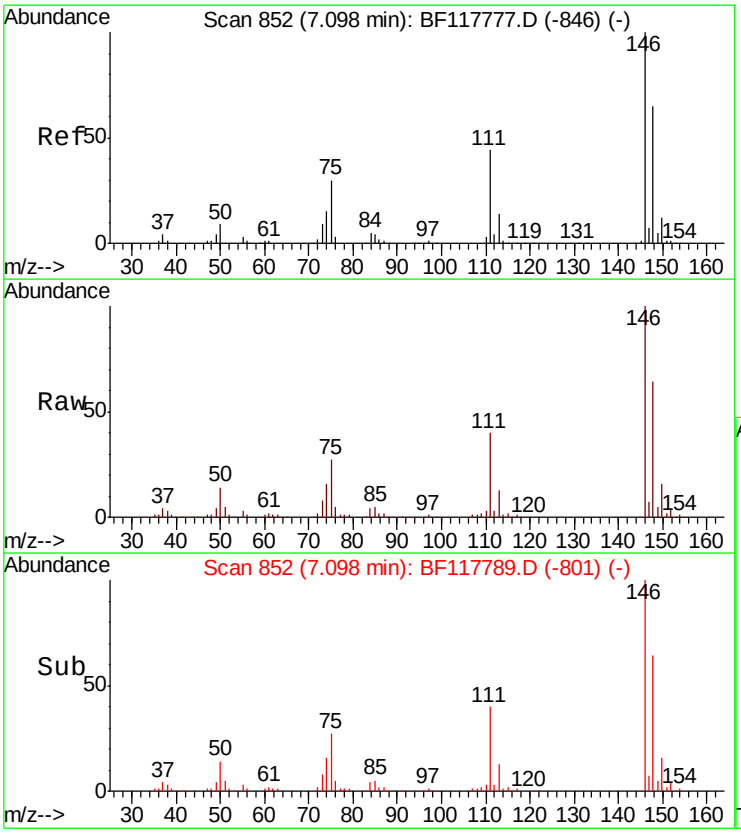
#13
1,4-Dichlorobenzene
Concen: 8.359 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tgt Ion:146 Resp: 154653

Ion	Ratio	Lower	Upper
146	100		
148	63.0	52.3	78.5
111	39.3	32.2	48.4

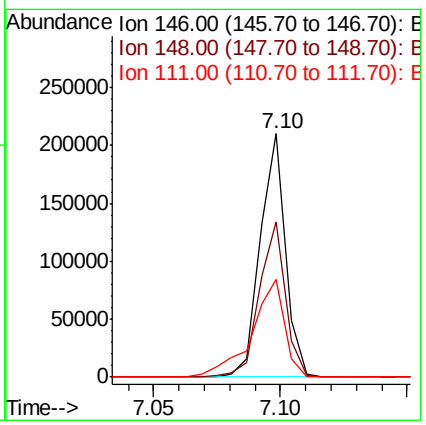


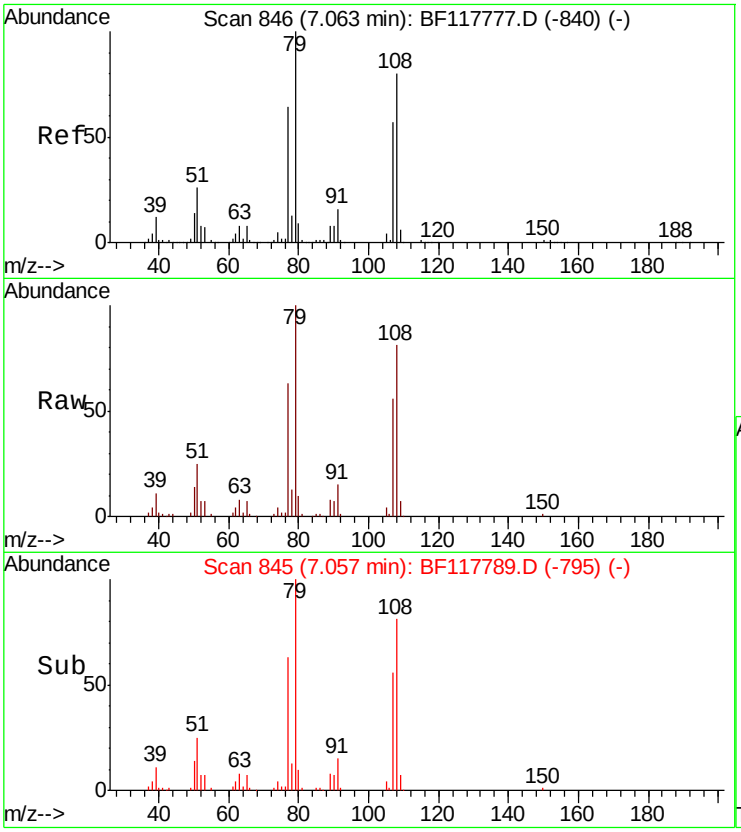


#14
1,2-Dichlorobenzene
Concen: 8.238 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Tgt Ion:146 Resp: 145777

Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.8	77.8
111	40.1	35.0	52.6



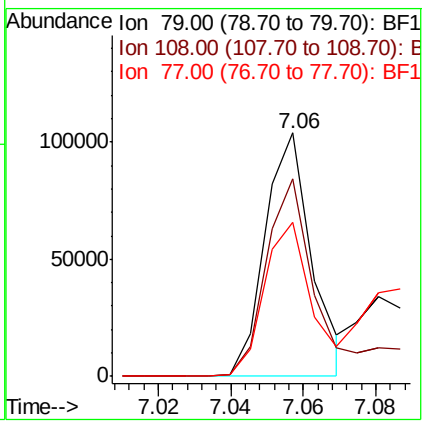


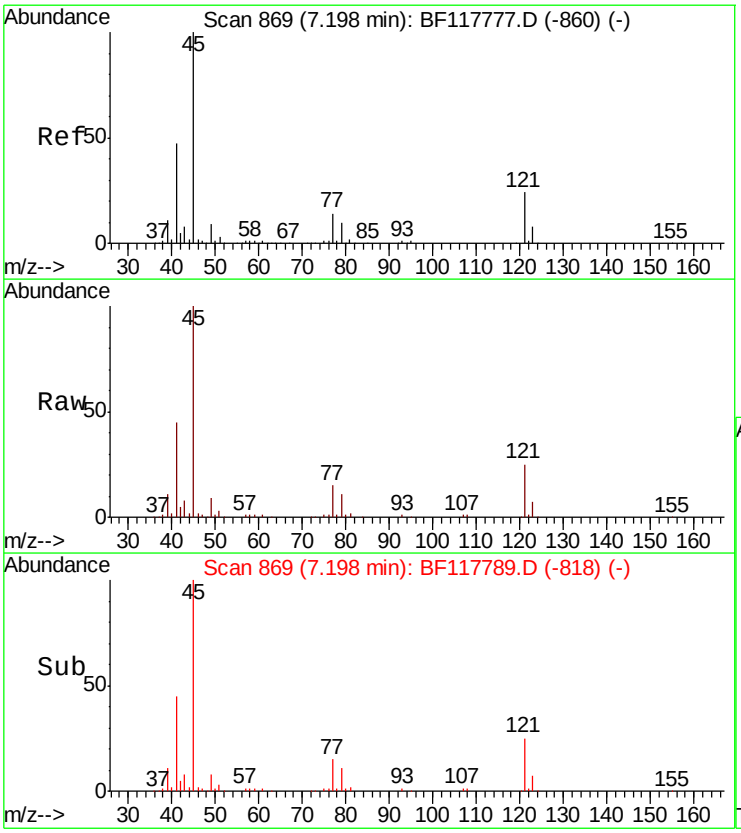
#15
Benzyl Alcohol
Concen: 6.970 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tgt Ion: 79 Resp: 92994

Ion	Ratio	Lower	Upper
79	100		
108	81.3	64.1	96.1
77	63.2	51.3	76.9

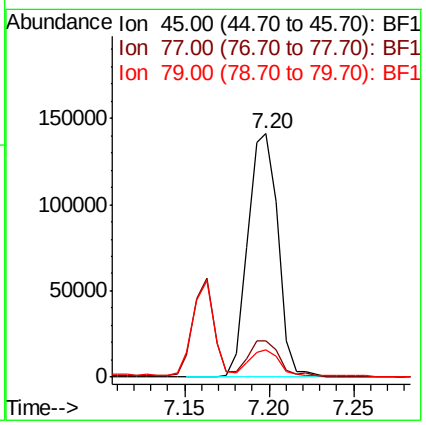


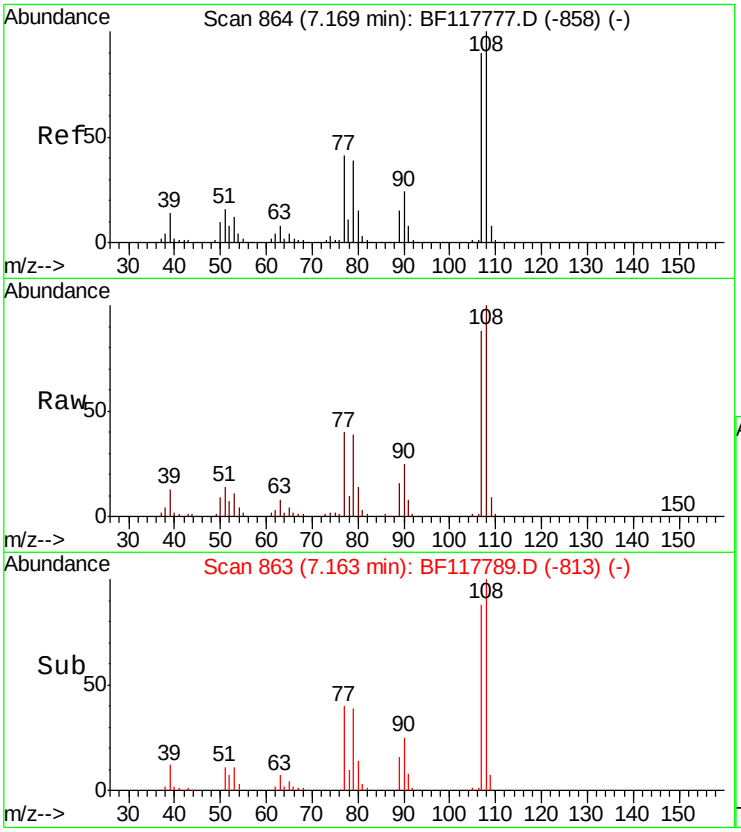


#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.919 ng
RT: 7.20 min Scan# 869
Delta R.T. 0.00 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Tgt Ion: 45 Resp: 175837

Ion	Ratio	Lower	Upper
45	100		
77	14.7	0.0	35.0
79	11.4	0.0	31.1



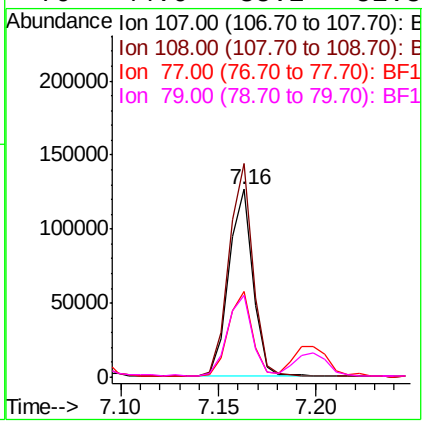


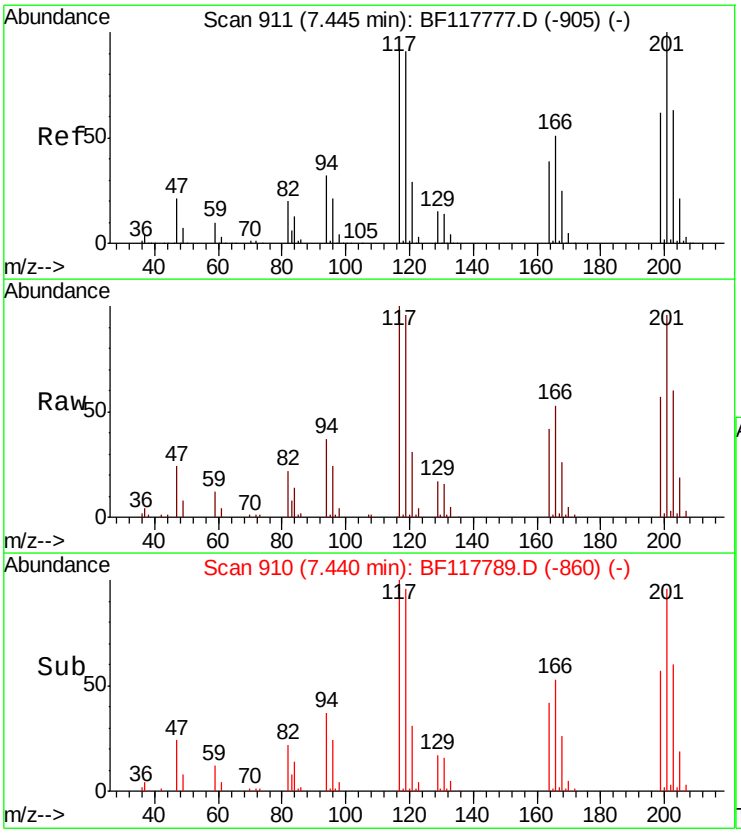
#17
2-Methylphenol
Concen: 8.211 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tgt Ion:107 Resp: 108105

Ion	Ratio	Lower	Upper
107	100		
108	113.8	89.1	133.7
77	45.5	36.6	54.8
79	44.0	35.2	52.8

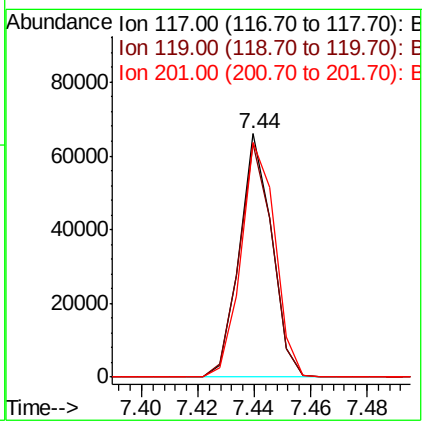


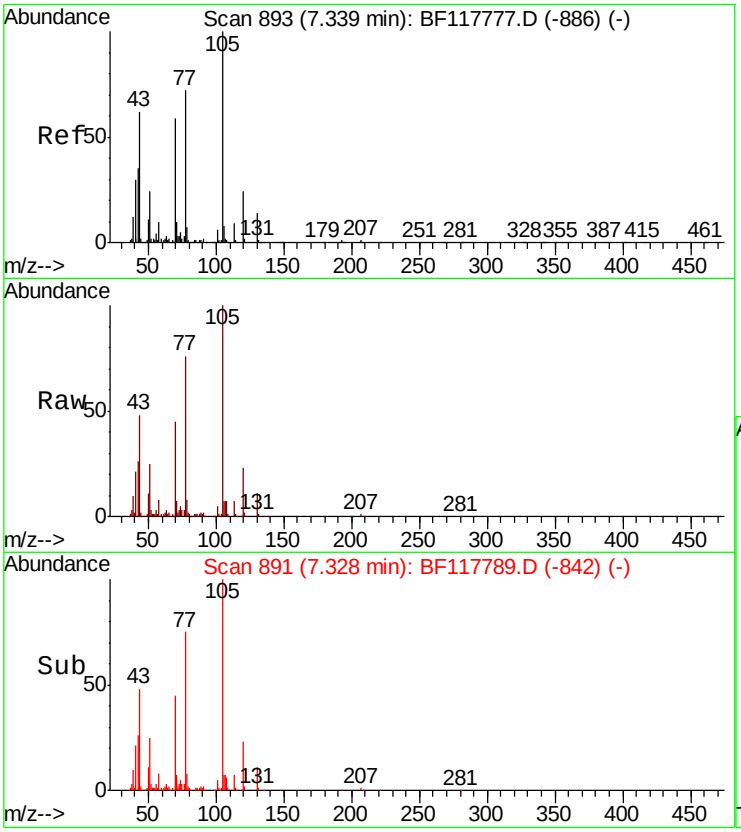


#18
Hexachloroethane
Concen: 7.713 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Tgt Ion:117 Resp: 52421

Ion	Ratio	Lower	Upper
117	100		
119	95.8	78.7	118.1
201	96.4	86.5	129.7



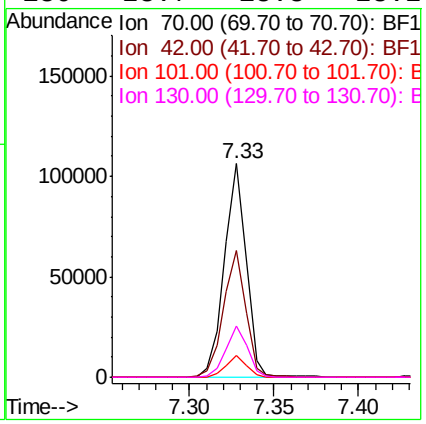


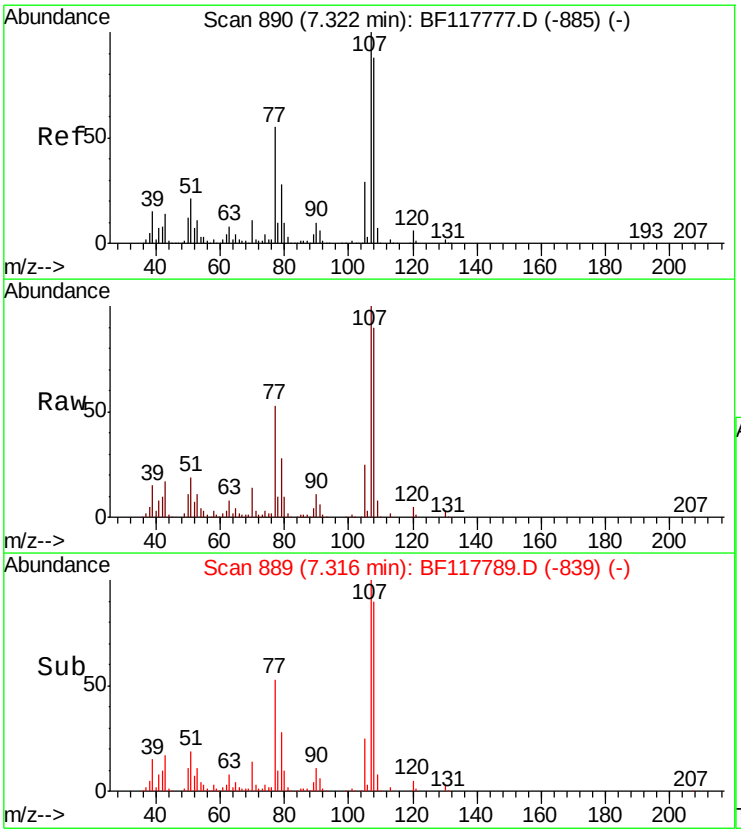
#19
n-Nitroso-di-n-propylamine
Concen: 8.957 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tgt Ion: 70 Resp: 95502

Ion	Ratio	Lower	Upper
70	100		
42	59.1	47.4	71.2
101	10.1	8.4	12.6
130	23.7	18.8	28.2

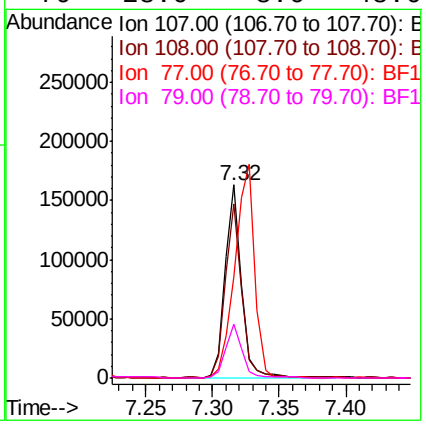


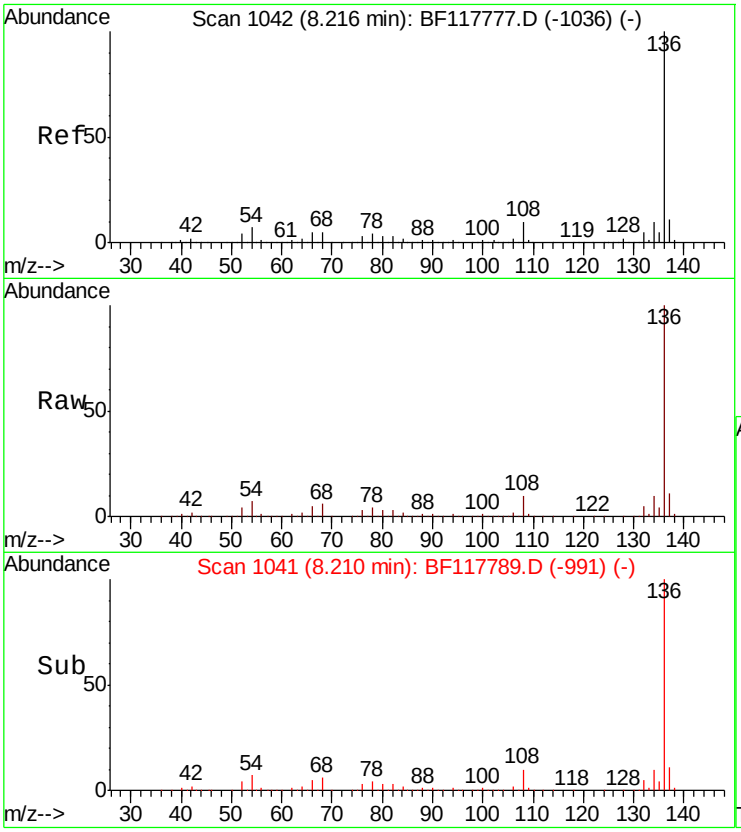


#20
3+4-Methylphenols
Concen: 8.635 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Tgt Ion:107 Resp: 141127

Ion	Ratio	Lower	Upper
107	100		
108	89.9	68.4	108.4
77	52.7	35.2	75.2
79	28.0	8.6	48.6



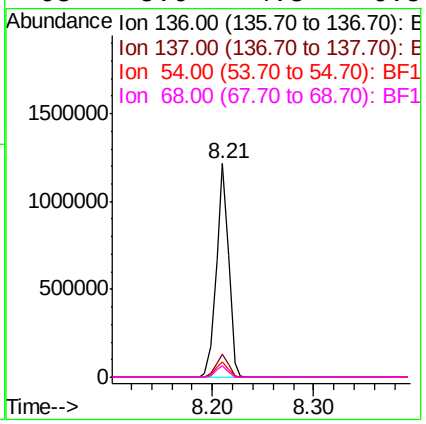


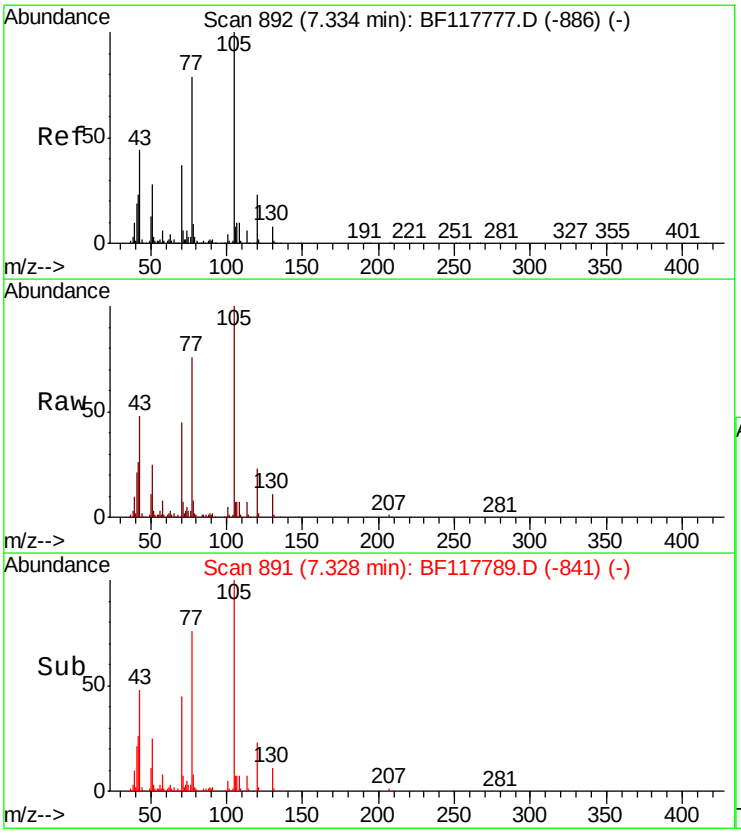
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tgt Ion:136 Resp: 1012794

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	7.4	5.4	8.2
68	5.6	4.3	6.5

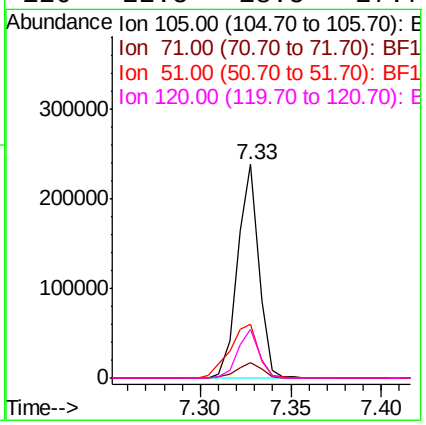


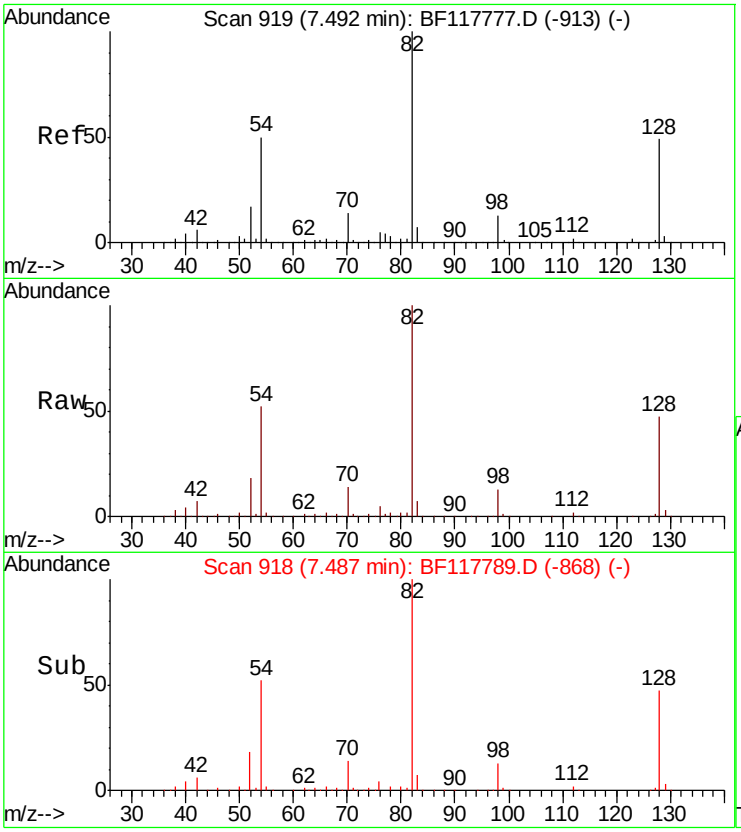


#22
Acetophenone
Concen: 8.491 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Tgt Ion:105 Resp: 193203

Ion	Ratio	Lower	Upper
105	100		
71	7.4	4.9	7.3#
51	25.4	22.7	34.1
120	22.5	18.5	27.7



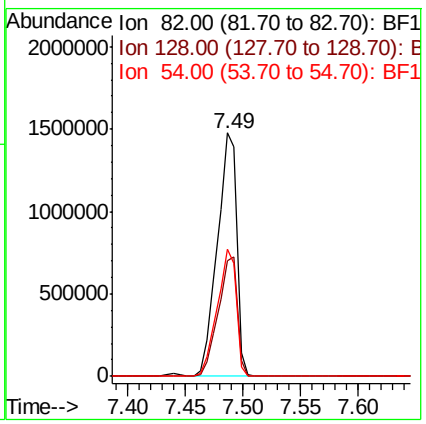


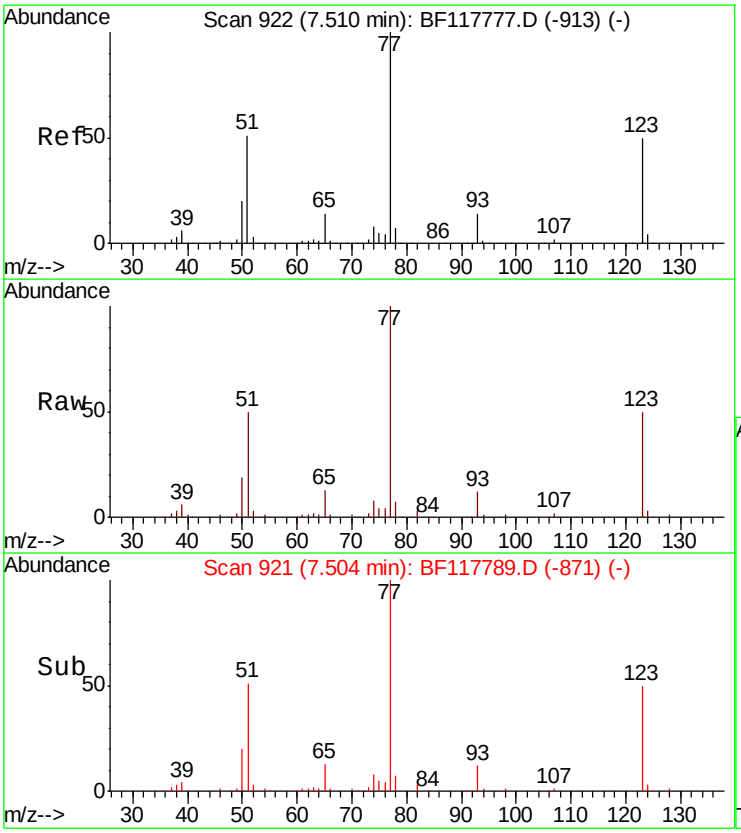
#23
Nitrobenzene-d5
Concen: 101.132 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tgt Ion: 82 Resp: 1723016

Ion	Ratio	Lower	Upper
82	100		
128	47.5	38.9	58.3
54	52.0	39.8	59.6

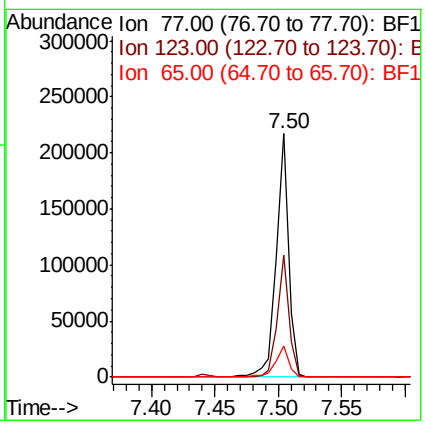


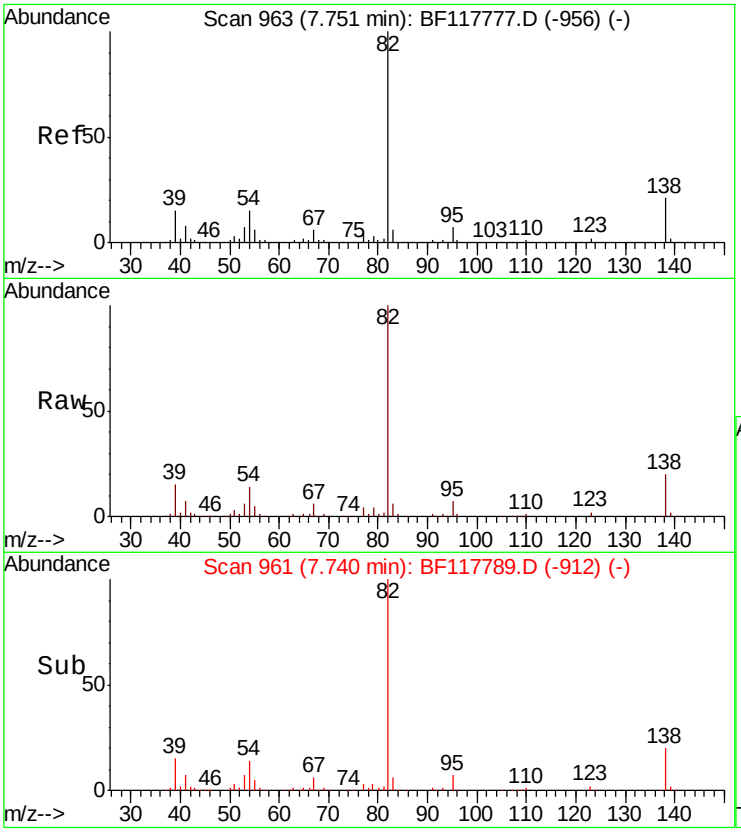


#24
Nitrobenzene
Concen: 8.340 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Tgt Ion: 77 Resp: 146589

Ion	Ratio	Lower	Upper
77	100		
123	50.3	40.3	60.5
65	12.7	10.9	16.3



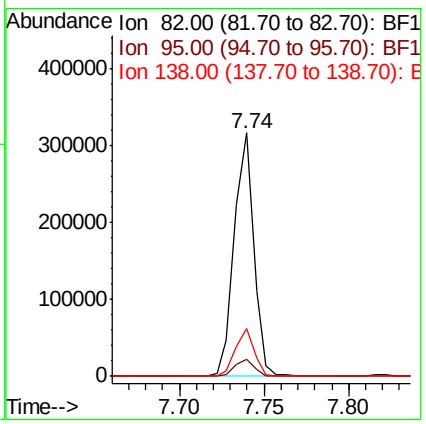


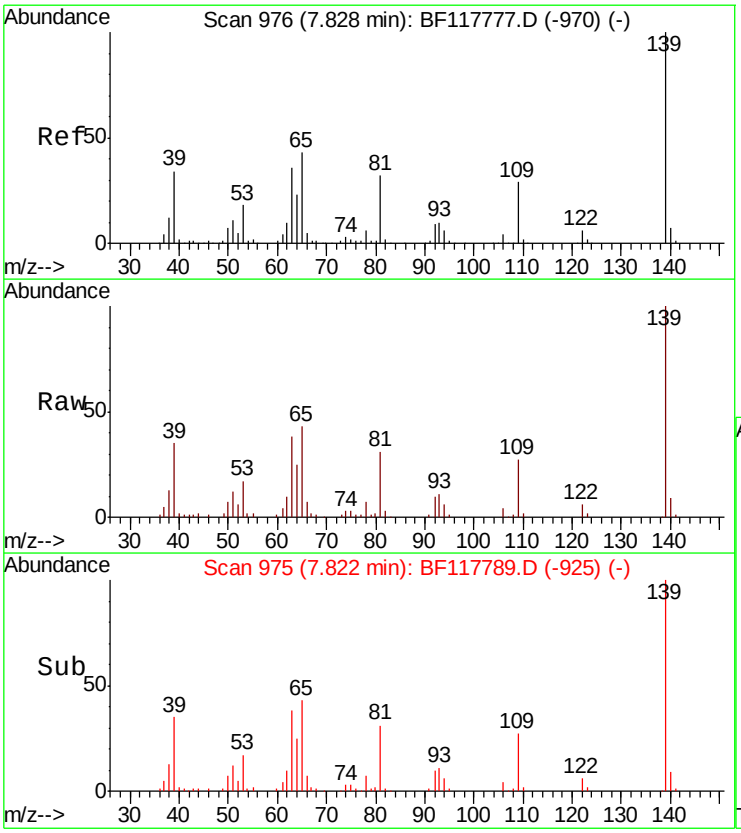
#25
Isophorone
Concen: 8.165 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tgt Ion: 82 Resp: 254965

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.8	8.8
138	19.5	16.5	24.7

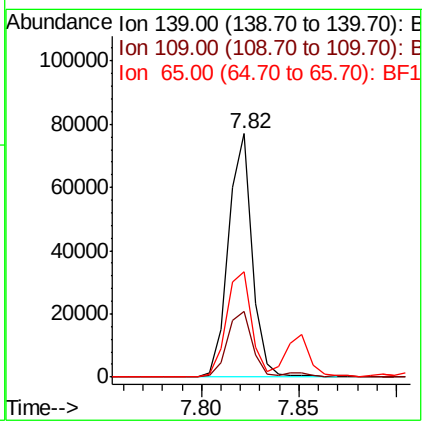


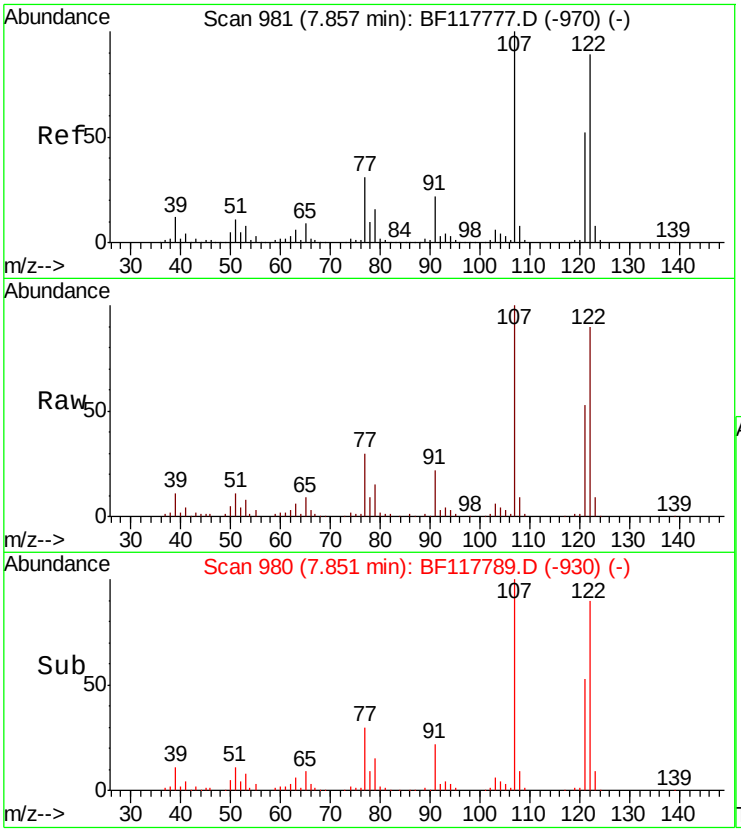


#26
2-Nitrophenol
Concen: 7.556 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Tgt Ion:139 Resp: 64639

Ion	Ratio	Lower	Upper
139	100		
109	26.8	23.0	34.4
65	43.1	34.7	52.1



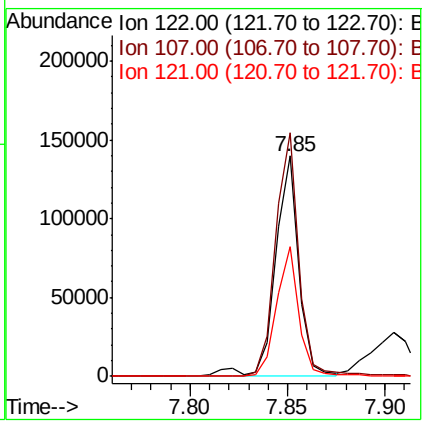


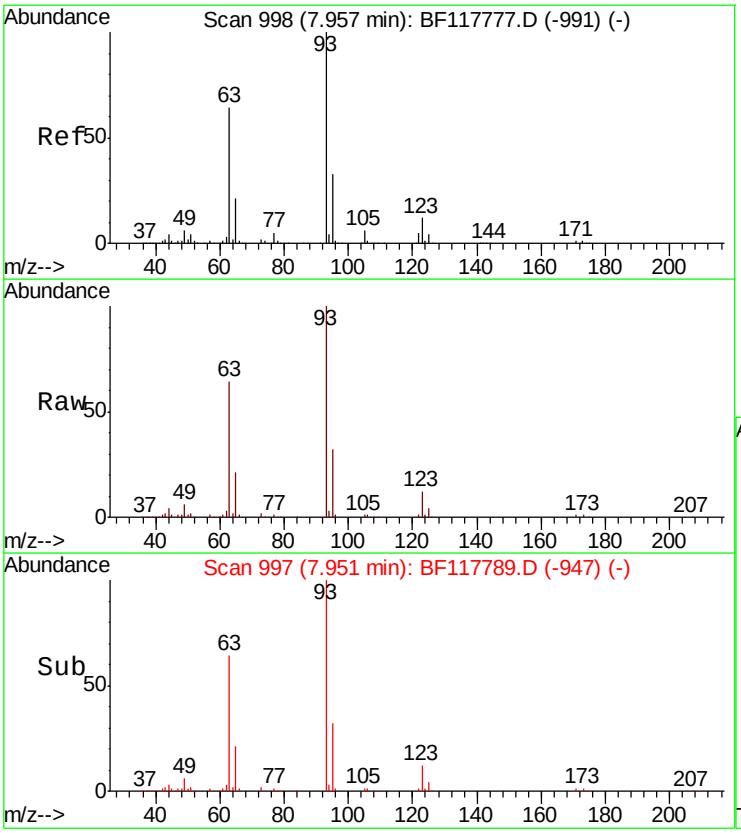
#27
2,4-Dimethylphenol
Concen: 8.728 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tgt Ion:122 Resp: 116019

Ion	Ratio	Lower	Upper
122	100		
107	110.6	90.0	135.0
121	59.1	46.7	70.1

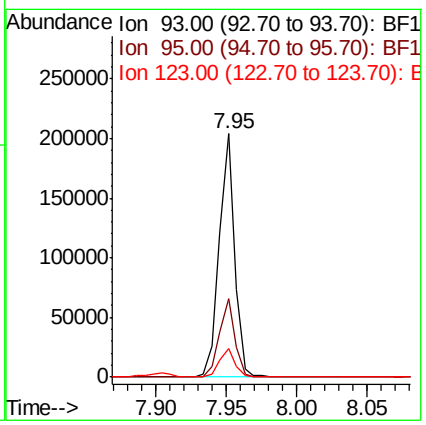


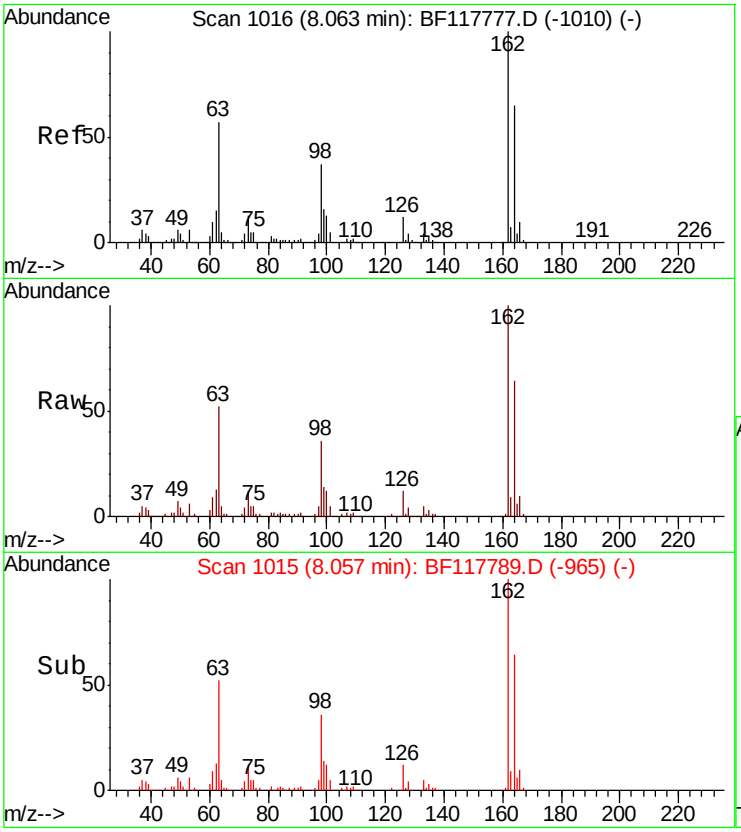


#28
bis(2-Chloroethoxy)methane
Concen: 7.847 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Tgt Ion: 93 Resp: 155487

Ion	Ratio	Lower	Upper
93	100		
95	32.0	26.6	40.0
123	11.8	10.3	15.5



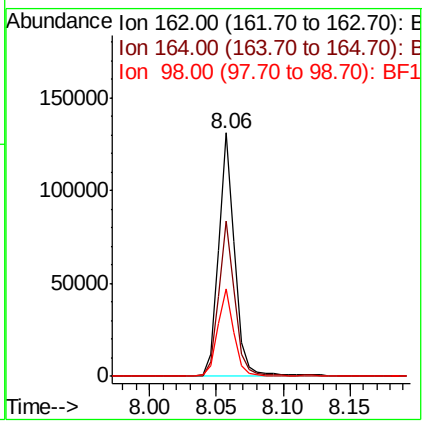


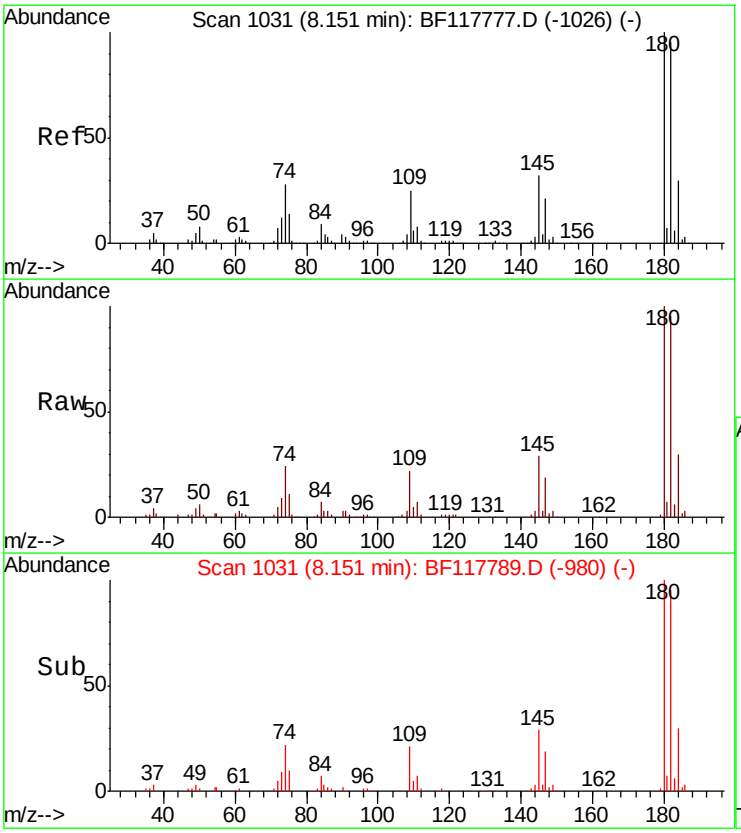
#29
2,4-Dichlorophenol
Concen: 7.822 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tgt Ion:162 Resp: 112786

Ion	Ratio	Lower	Upper
162	100		
164	63.7	45.1	85.1
98	36.0	17.2	57.2

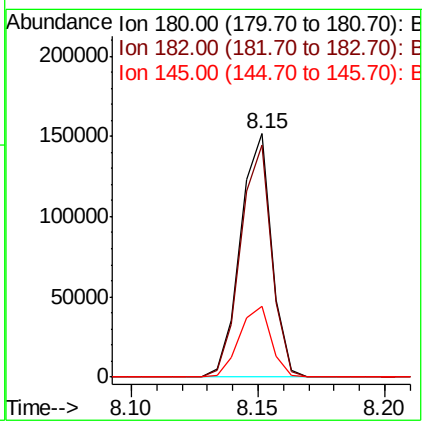


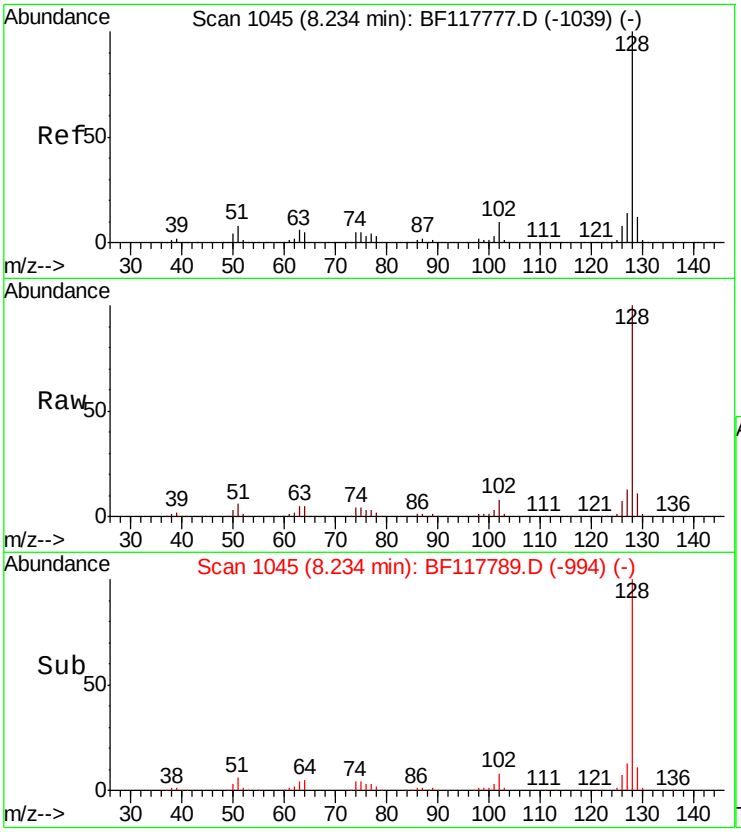


#30
1,2,4-Trichlorobenzene
Concen: 7.752 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Tgt Ion:180 Resp: 129654

Ion	Ratio	Lower	Upper
180	100		
182	95.4	75.8	113.6
145	29.2	25.5	38.3



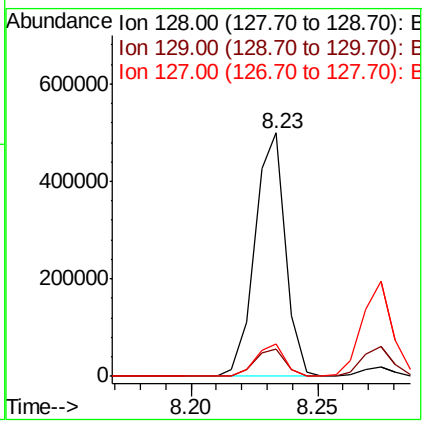


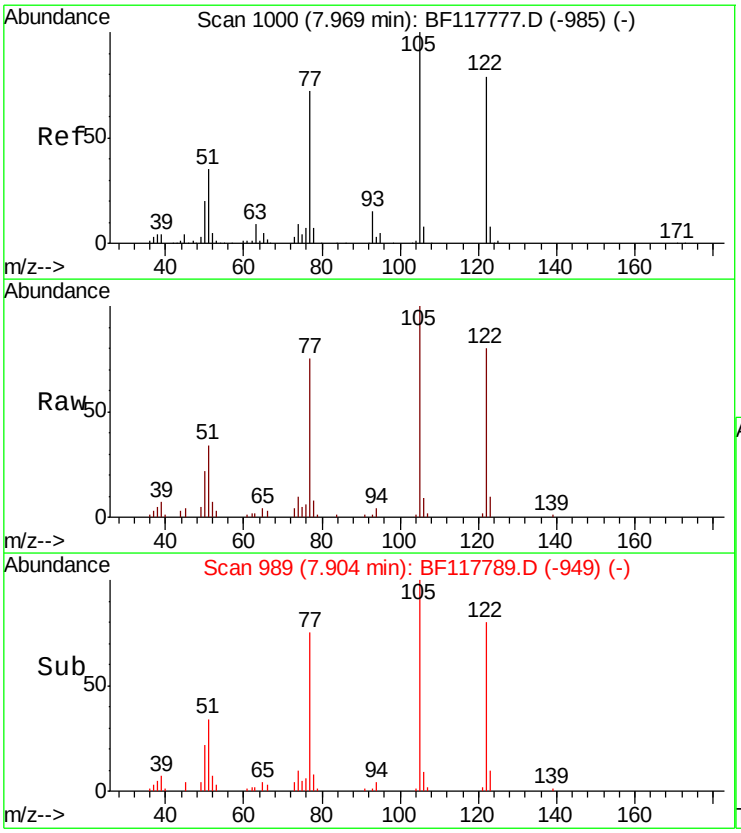
#31
Naphthalene
Concen: 8.880 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tgt Ion:128 Resp: 419291

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.5	14.3
127	13.5	11.3	16.9

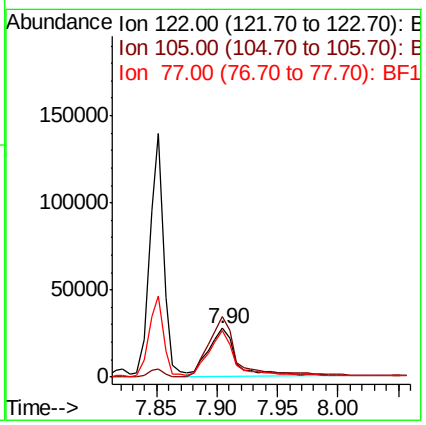


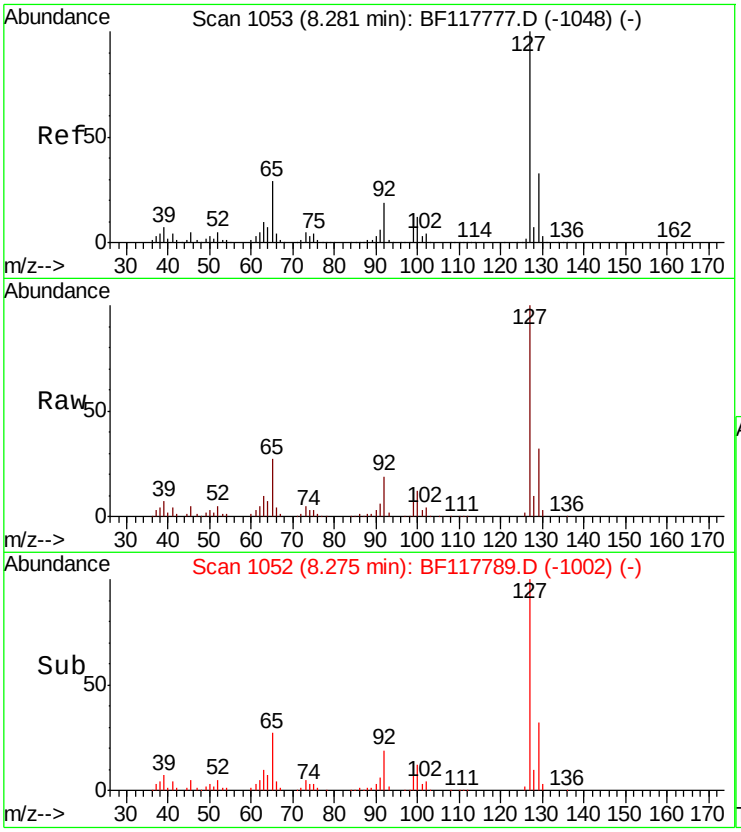


#32
Benzoic acid
Concen: 3.981 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.06 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Tgt Ion:122 Resp: 44311

Ion	Ratio	Lower	Upper
122	100		
105	125.0	102.7	142.7
77	94.2	70.5	110.5



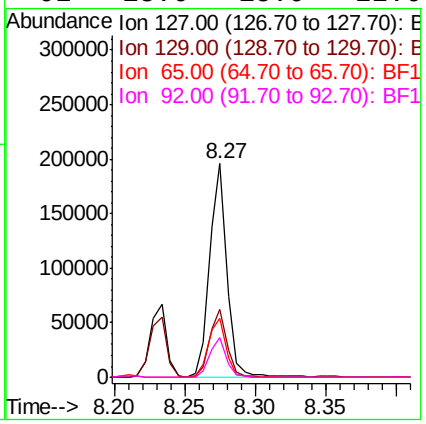


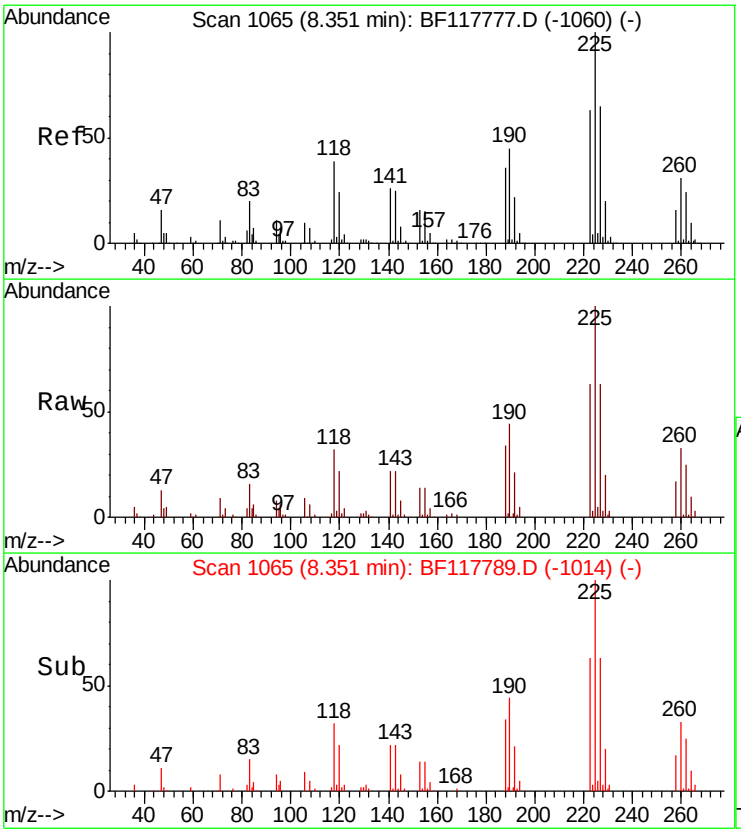
#33
4-Chloroaniline
Concen: 7.875 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tgt Ion:127 Resp: 166451

Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.5	39.7
65	27.4	22.9	34.3
92	18.6	15.0	22.6

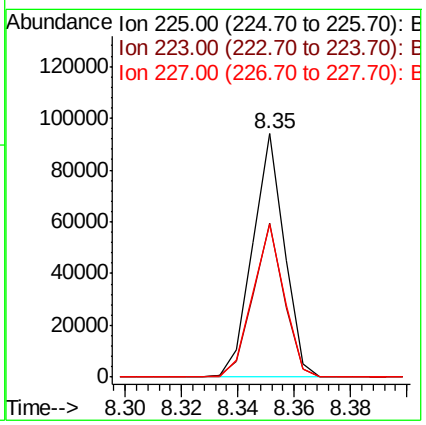


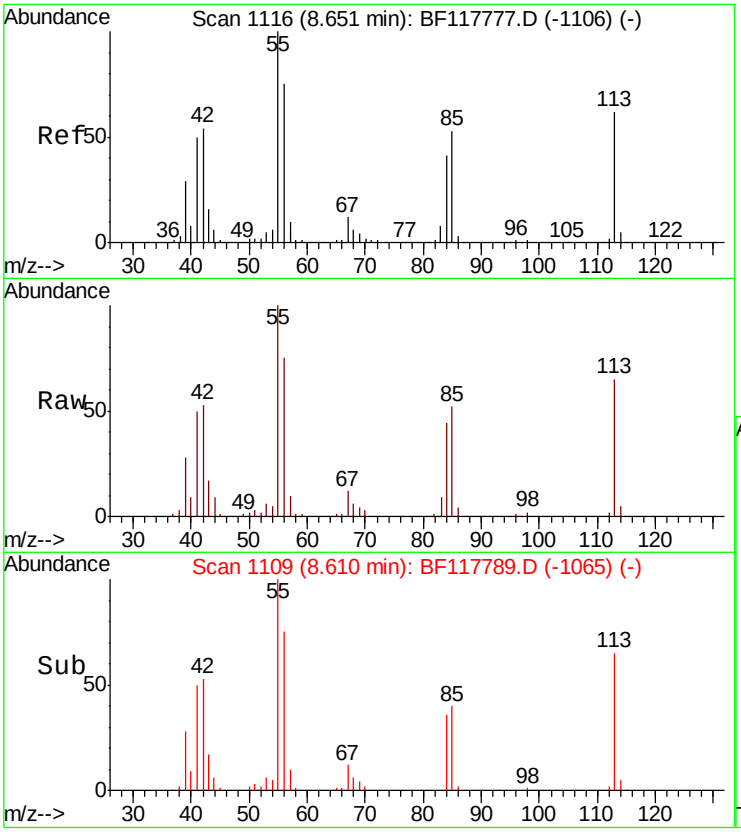


#34
Hexachlorobutadiene
Concen: 7.495 ng
RT: 8.35 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Tgt Ion:225 Resp: 73293

Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.0	75.0
227	62.6	51.8	77.6



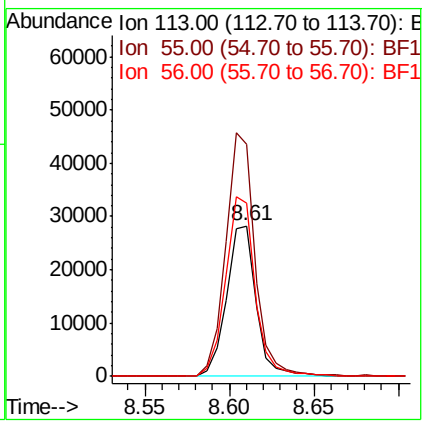


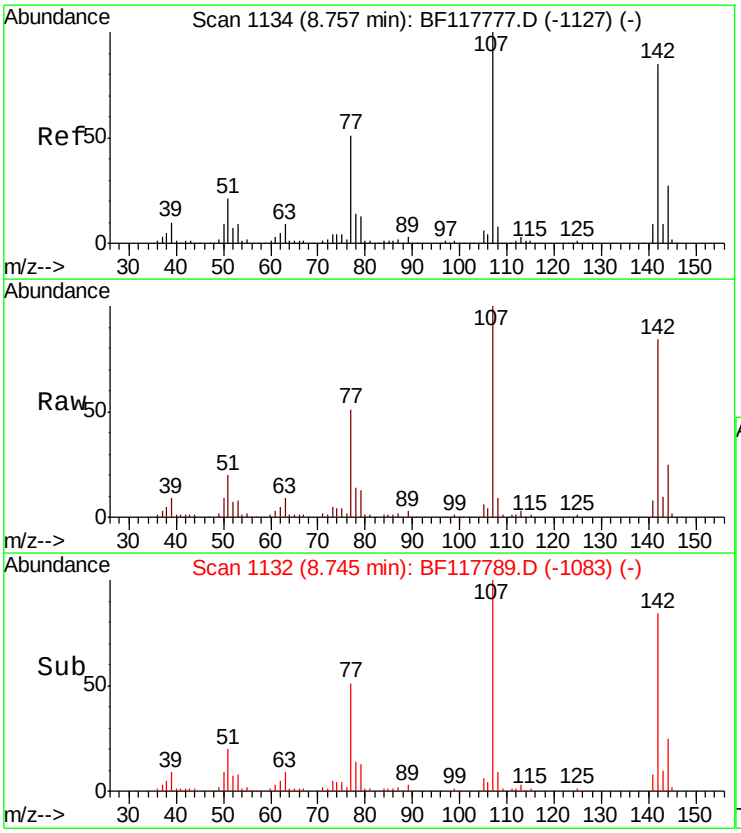
#35
Caprolactam
Concen: 7.449 ng
RT: 8.61 min Scan# 1109
Delta R.T. -0.04 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tgt Ion:113 Resp: 34135

Ion	Ratio	Lower	Upper
113	100		
55	154.1	141.1	181.1
56	115.2	100.5	140.5

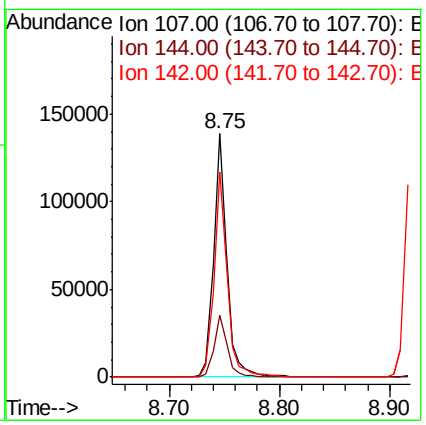


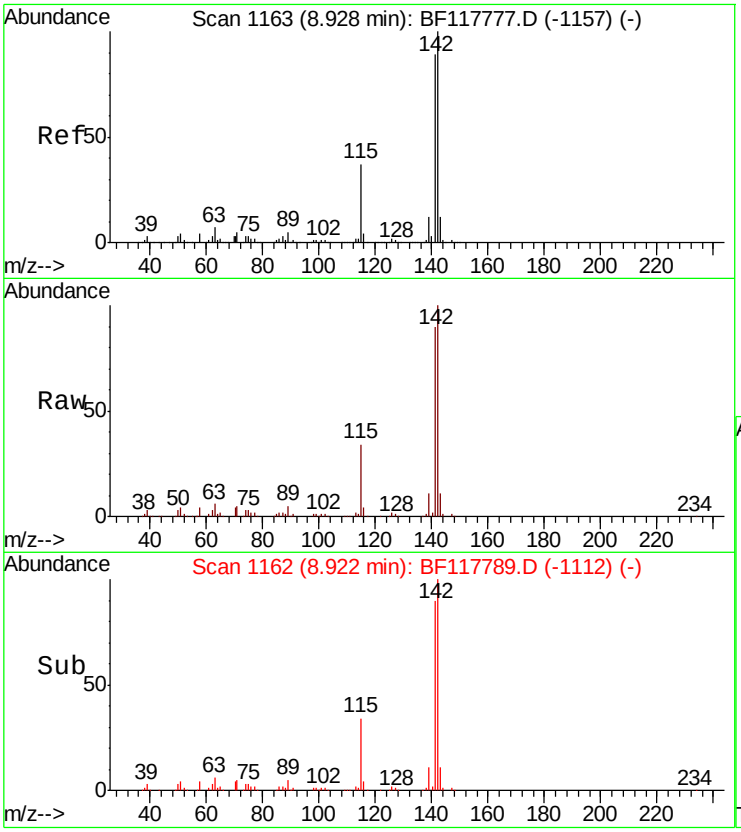


#36
4-Chloro-3-methylphenol
Concen: 7.901 ng
RT: 8.75 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Tgt Ion:107 Resp: 115618

Ion	Ratio	Lower	Upper
107	100		
144	25.4	21.9	32.9
142	84.1	67.7	101.5



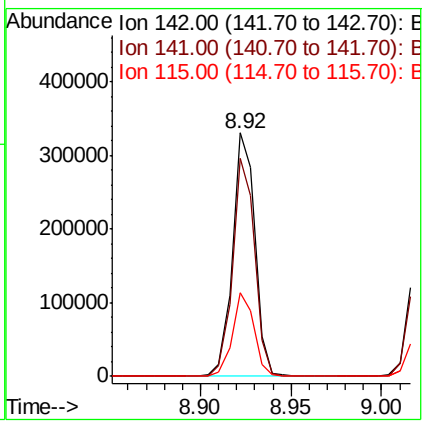


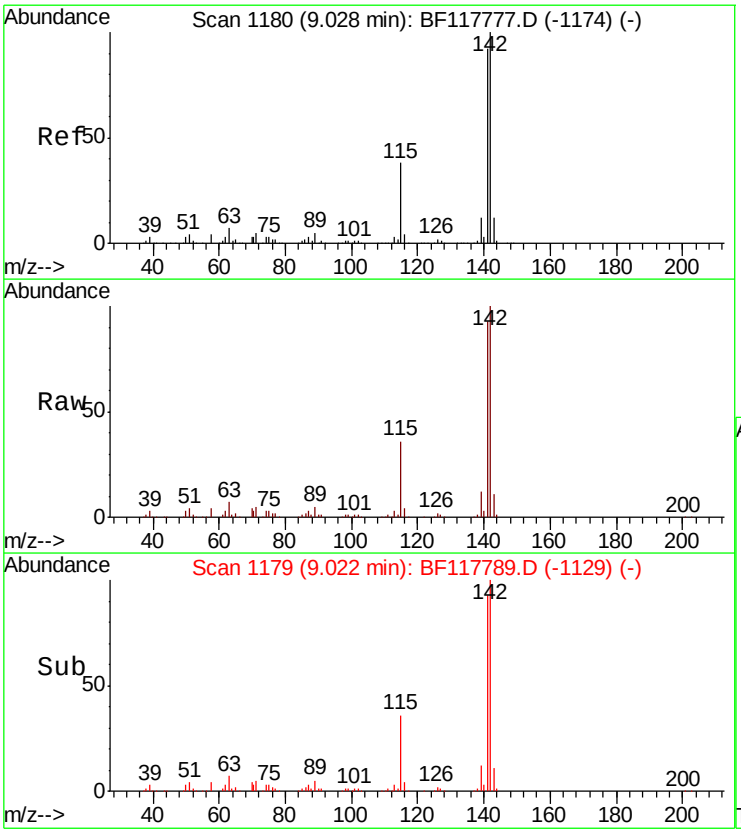
#37
2-Methylnaphthalene
Concen: 8.889 ng
RT: 8.92 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tgt Ion:142 Resp: 283588

Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.1	106.7
115	34.1	29.2	43.8

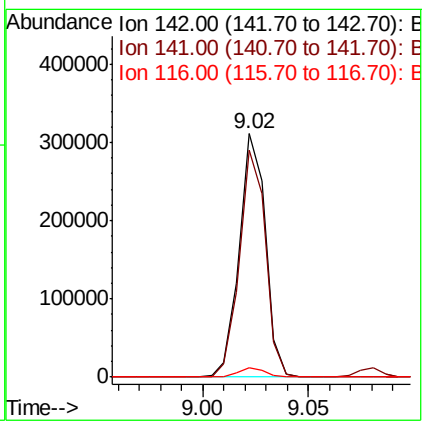


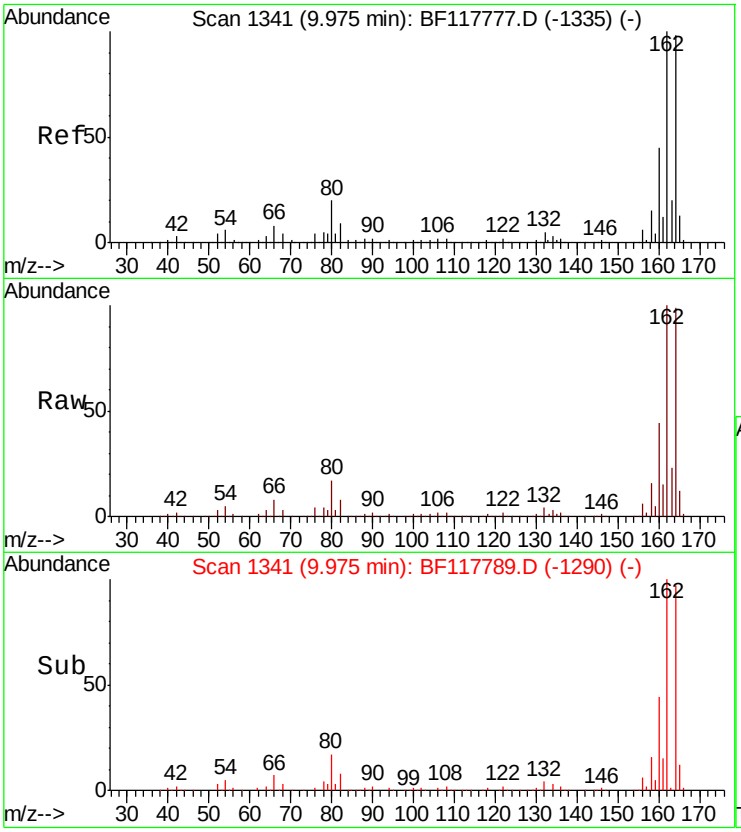


#38
1-Methylnaphthalene
Concen: 8.842 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Tgt Ion:142 Resp: 266676

Ion	Ratio	Lower	Upper
142	100		
141	93.2	73.5	110.3
116	3.6	3.2	4.8



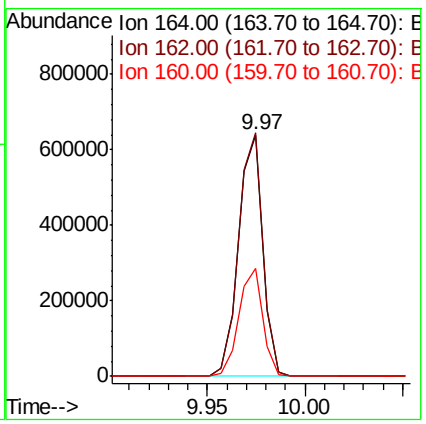


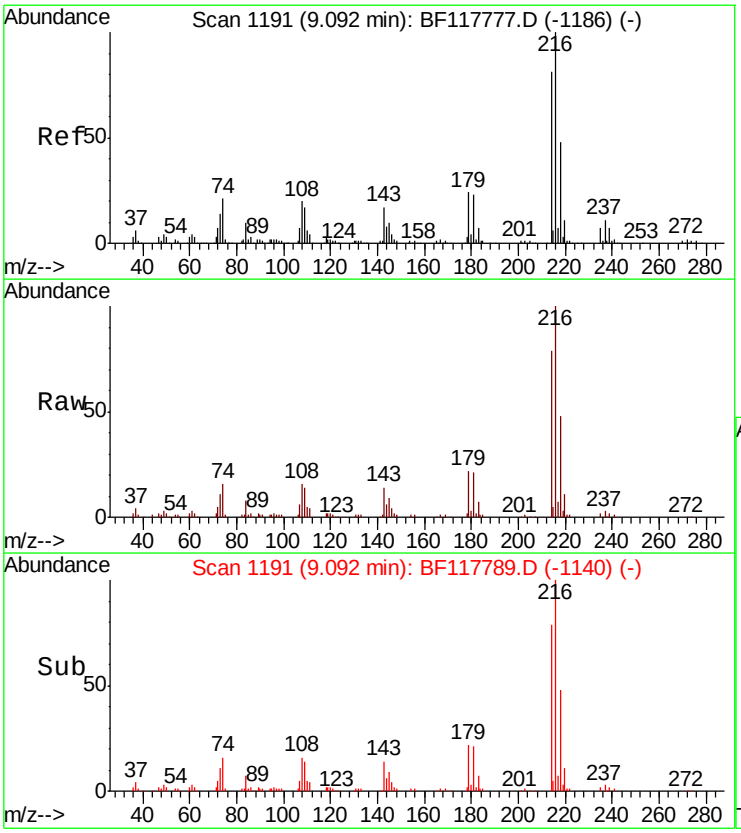
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tgt Ion:164 Resp: 549299

Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.3	121.9
160	44.8	36.6	55.0

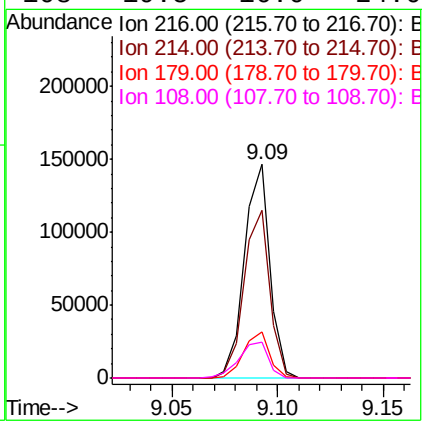


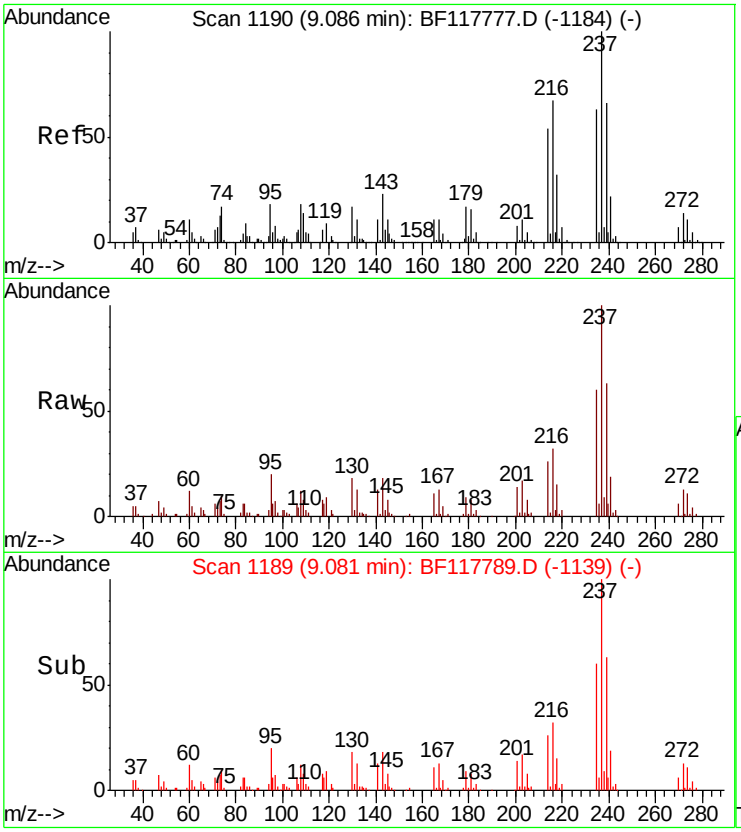


#40
1,2,4,5-Tetrachlorobenzene
Concen: 7.714 ng
RT: 9.09 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Tgt Ion:216 Resp: 123051

Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.4	95.0
179	21.7	18.2	27.4
108	19.5	16.0	24.0



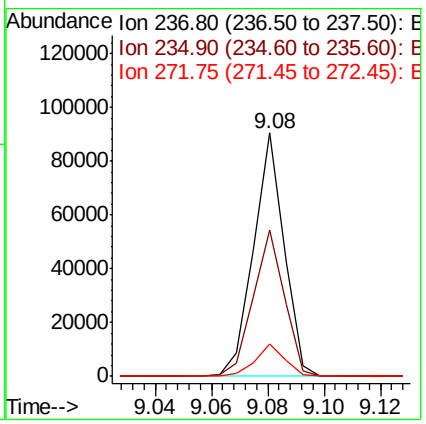


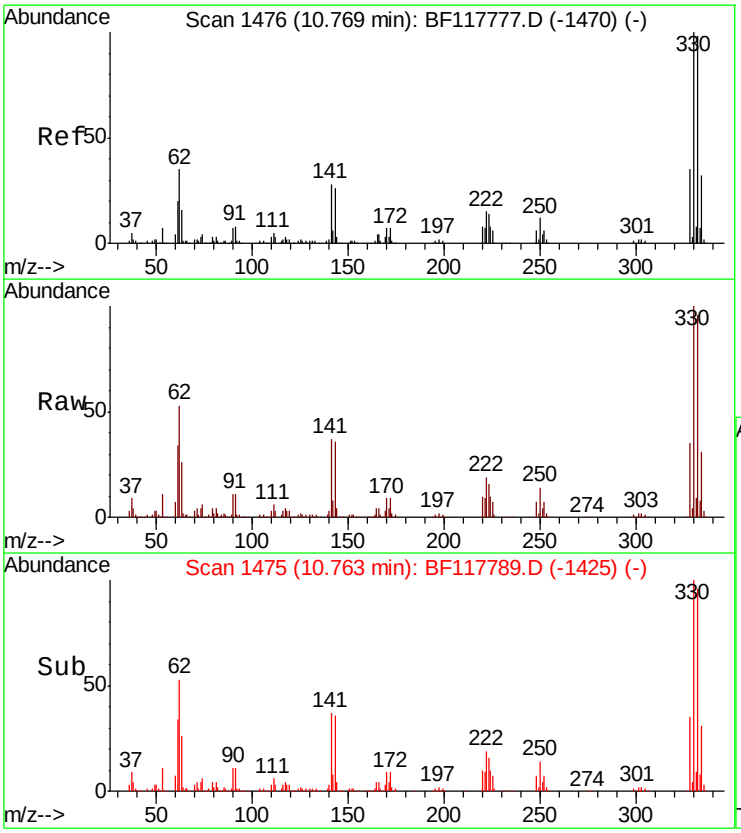
#41
Hexachlorocyclopentadiene
Concen: 7.616 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tgt Ion:237 Resp: 68084

Ion	Ratio	Lower	Upper
237	100		
235	60.2	42.6	82.6
272	13.3	0.0	34.3

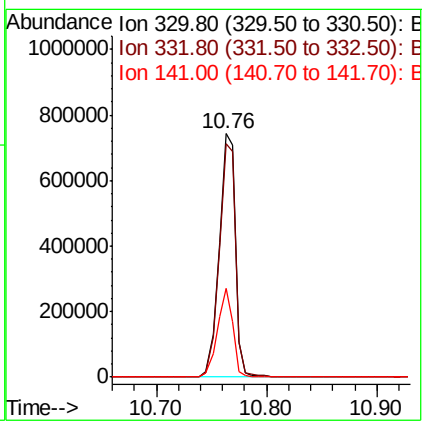


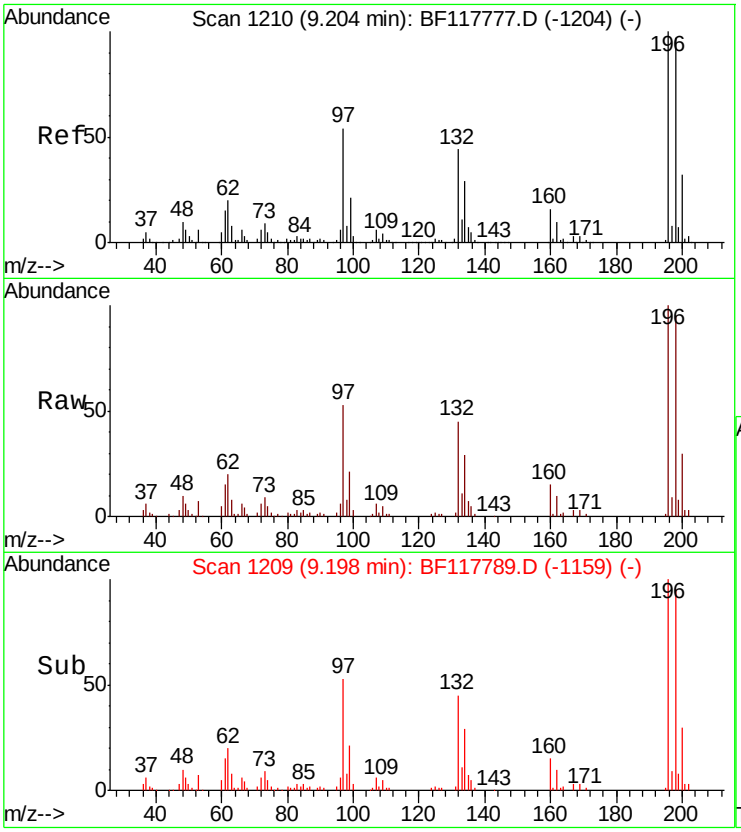


#42
2,4,6-Tribromophenol
Concen: 131.588 ng
RT: 10.76 min Scan# 1475
Delta R.T. -0.01 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Tgt Ion:330 Resp: 765233

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.7	115.1
141	34.1	27.7	41.5



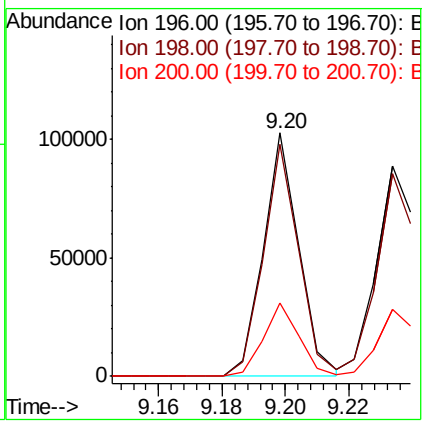


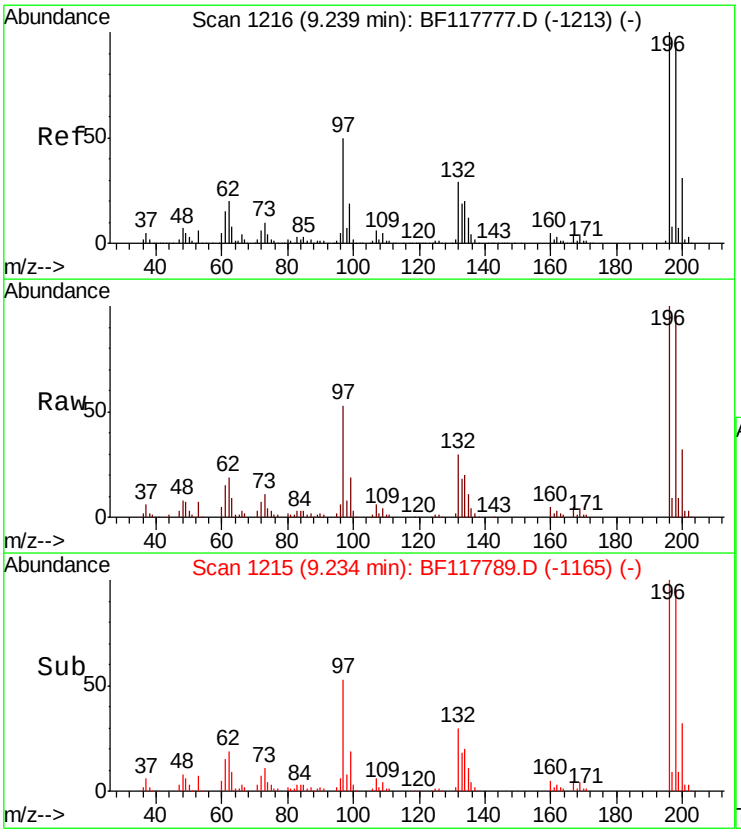
#43
2,4,6-Trichlorophenol
Concen: 7.005 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tgt Ion:196 Resp: 80043

Ion	Ratio	Lower	Upper
196	100		
198	95.3	77.8	116.6
200	30.1	25.4	38.0

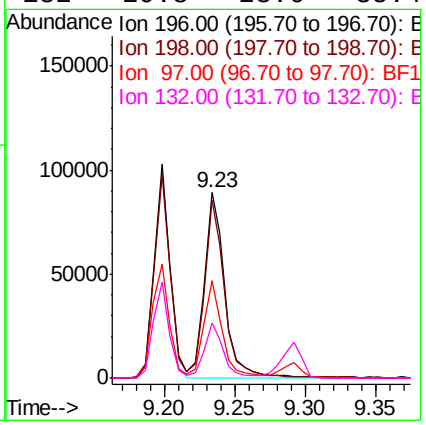


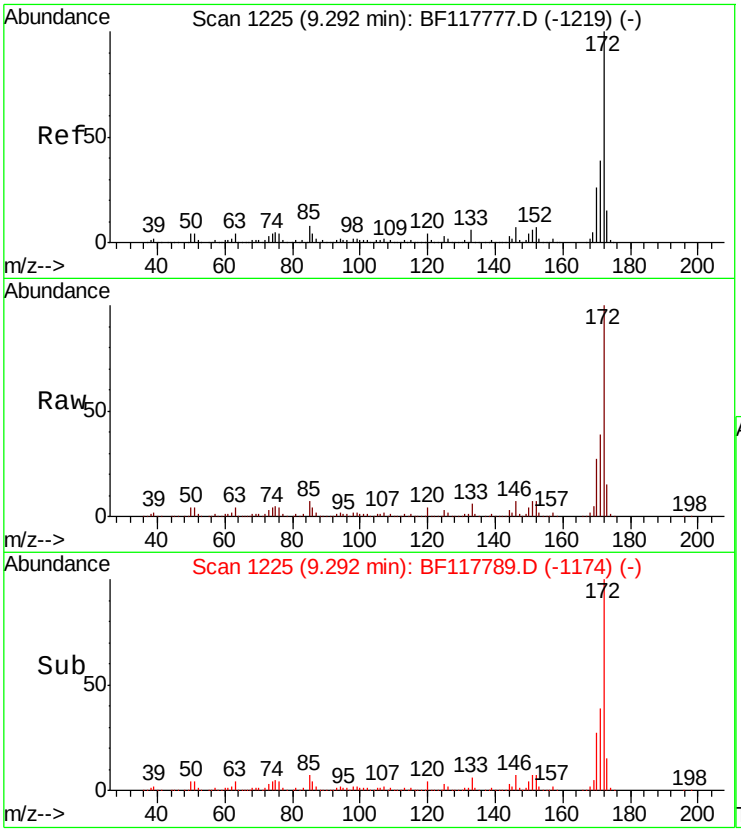


#44
2,4,5-Trichlorophenol
Concen: 7.535 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Tgt Ion:196 Resp: 89391

Ion	Ratio	Lower	Upper
196	100		
198	96.0	76.3	114.5
97	52.5	40.0	60.0
132	29.8	23.6	35.4



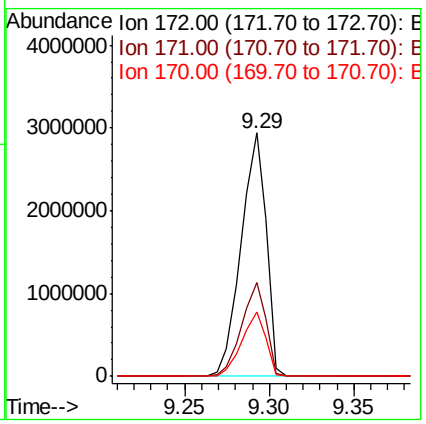


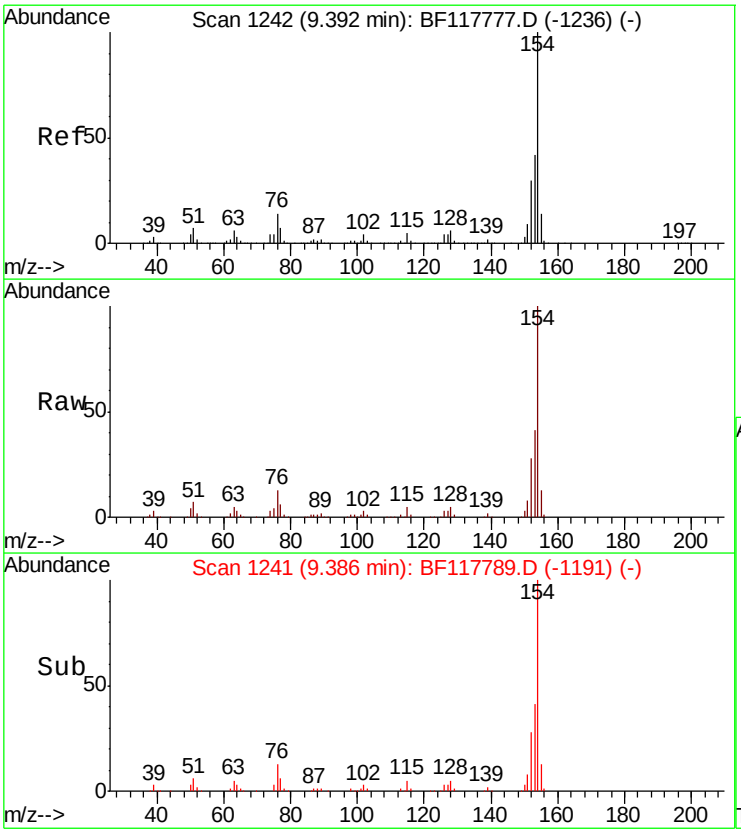
#45
2-Fluorobiphenyl
Concen: 99.914 ng
RT: 9.29 min Scan# 1225
Delta R.T. 0.00 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tgt Ion:172 Resp: 3059186

Ion	Ratio	Lower	Upper
172	100		
171	38.6	30.9	46.3
170	26.7	21.0	31.4

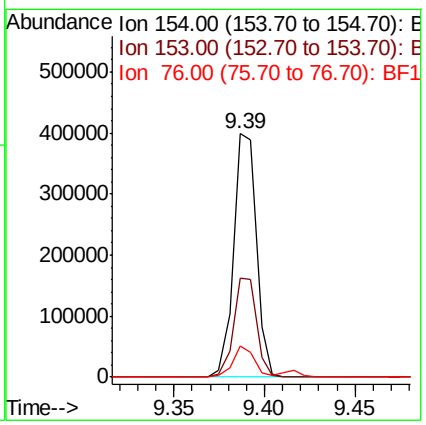


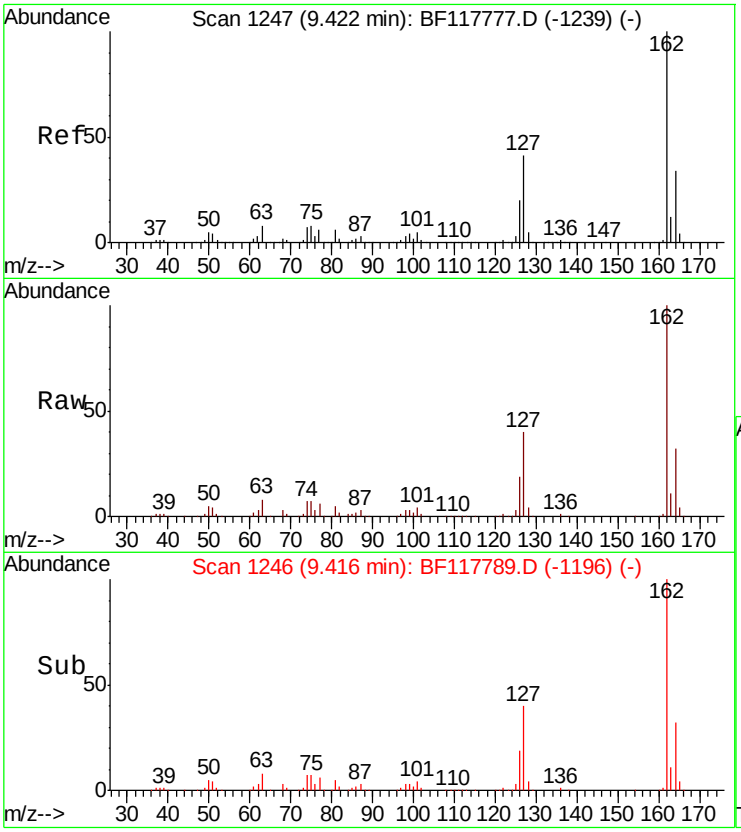


#46
1,1'-Biphenyl
Concen: 8.600 ng
RT: 9.39 min Scan# 1241
Delta R.T. -0.01 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Tgt Ion:154 Resp: 350484

Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.9	61.9
76	12.9	0.0	33.6



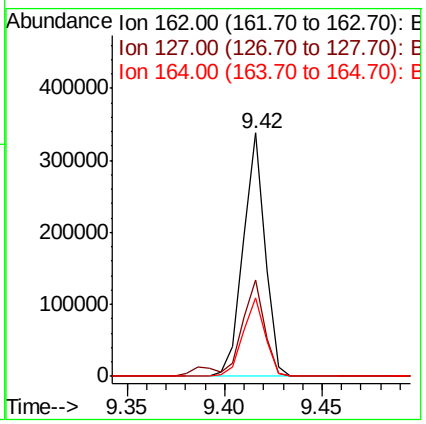


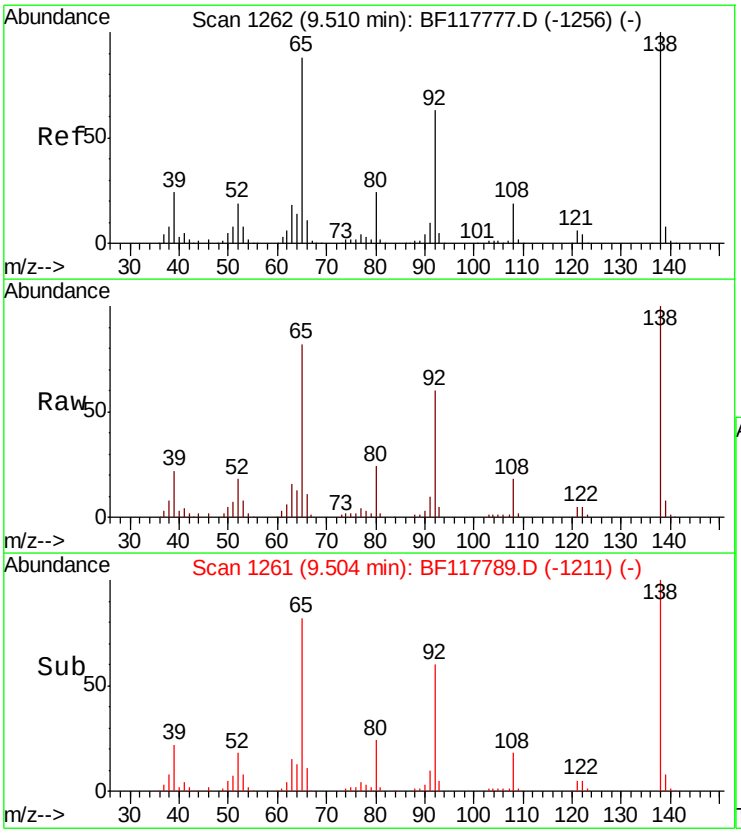
#47
2-Chloronaphthalene
Concen: 7.830 ng
RT: 9.42 min Scan# 1246
Delta R.T. -0.01 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tgt Ion:162 Resp: 262510

Ion	Ratio	Lower	Upper
162	100		
127	39.5	33.2	49.8
164	32.4	27.3	40.9

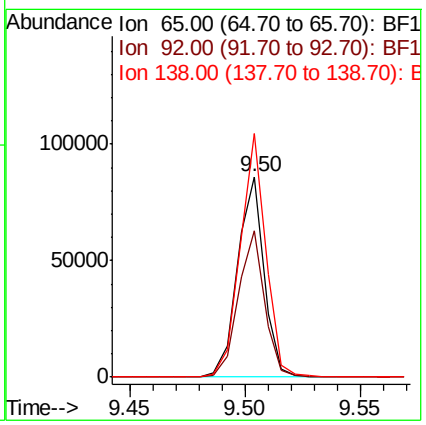


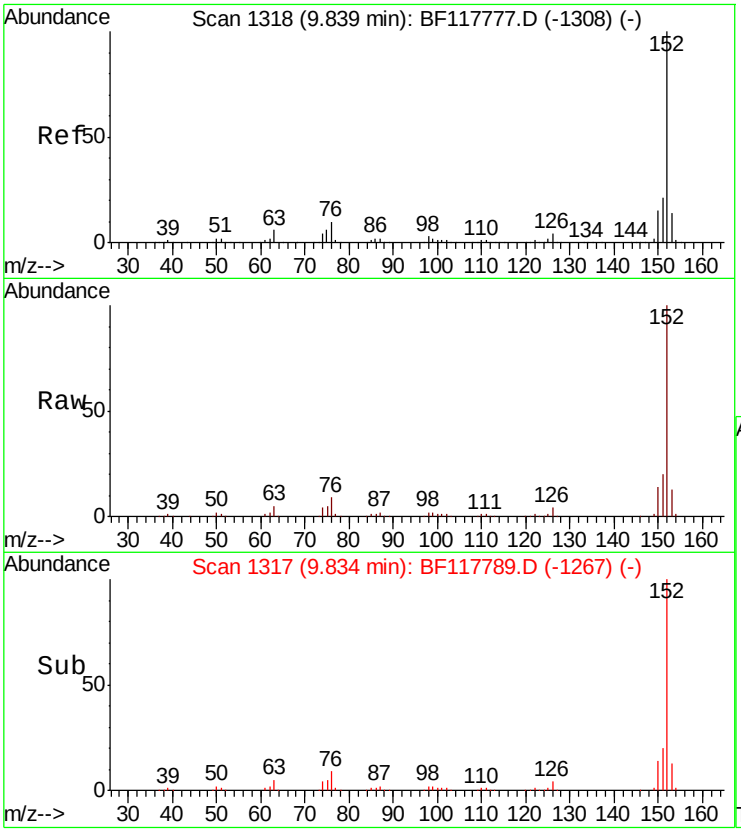


#48
2-Nitroaniline
Concen: 6.840 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Tgt Ion: 65 Resp: 69227

Ion	Ratio	Lower	Upper
65	100		
92	73.3	56.6	84.8
138	121.5	90.5	135.7



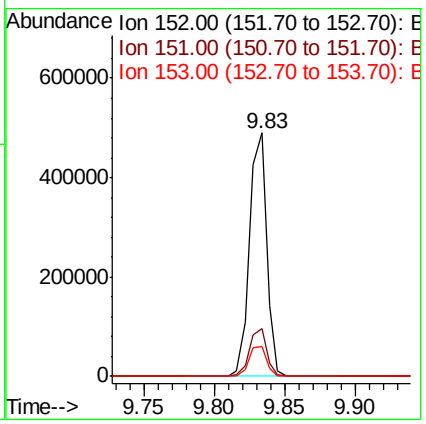


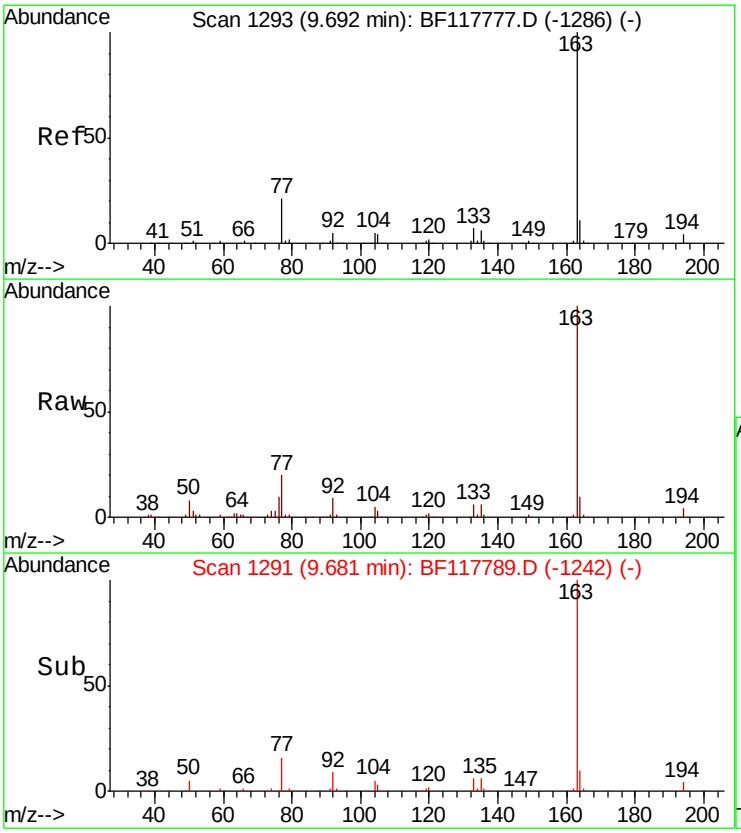
#49
Acenaphthylene
Concen: 8.645 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tgt Ion:152 Resp: 422573

Ion	Ratio	Lower	Upper
152	100		
151	19.6	17.0	25.6
153	12.5	11.0	16.6

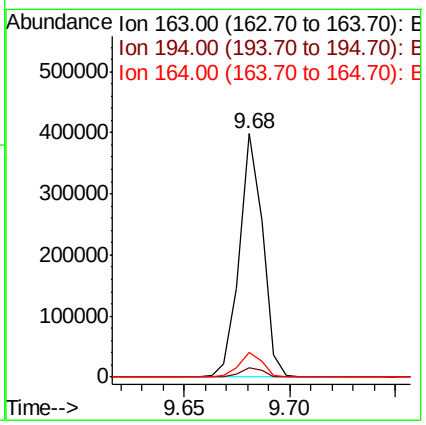


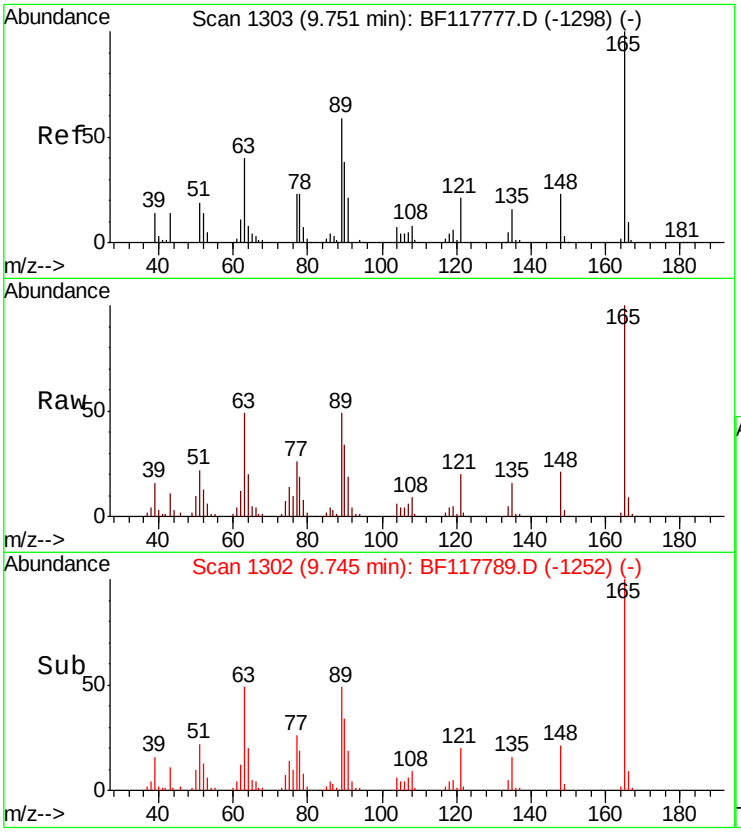


#50
Dimethylphthalate
Concen: 7.902 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Tgt Ion:163 Resp: 304360

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.2	8.7	13.1



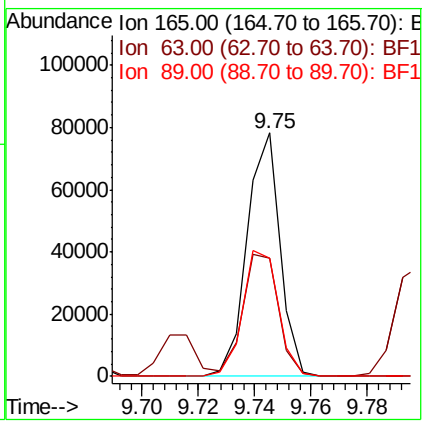


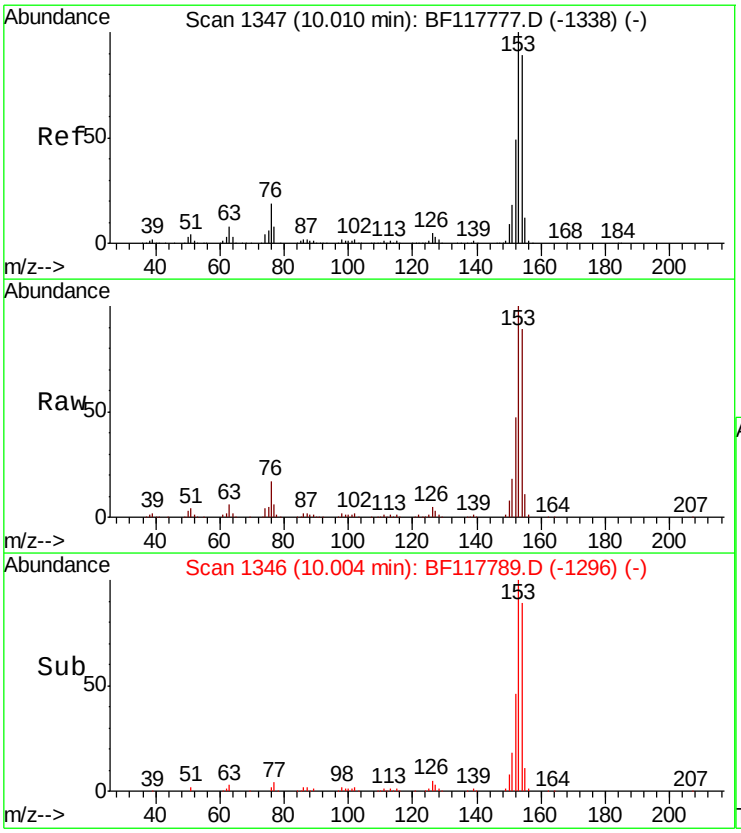
#51
2,6-Dinitrotoluene
Concen: 7.515 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tgt Ion:165 Resp: 63263

Ion	Ratio	Lower	Upper
165	100		
63	48.6	46.0	69.0
89	48.6	47.7	71.5

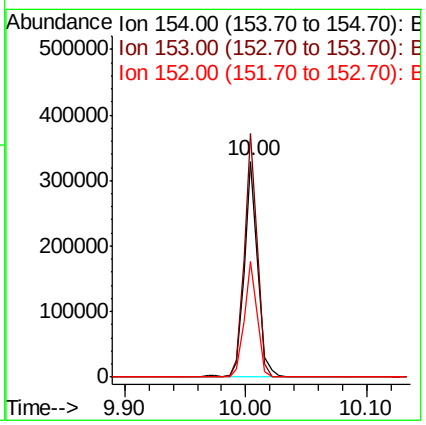


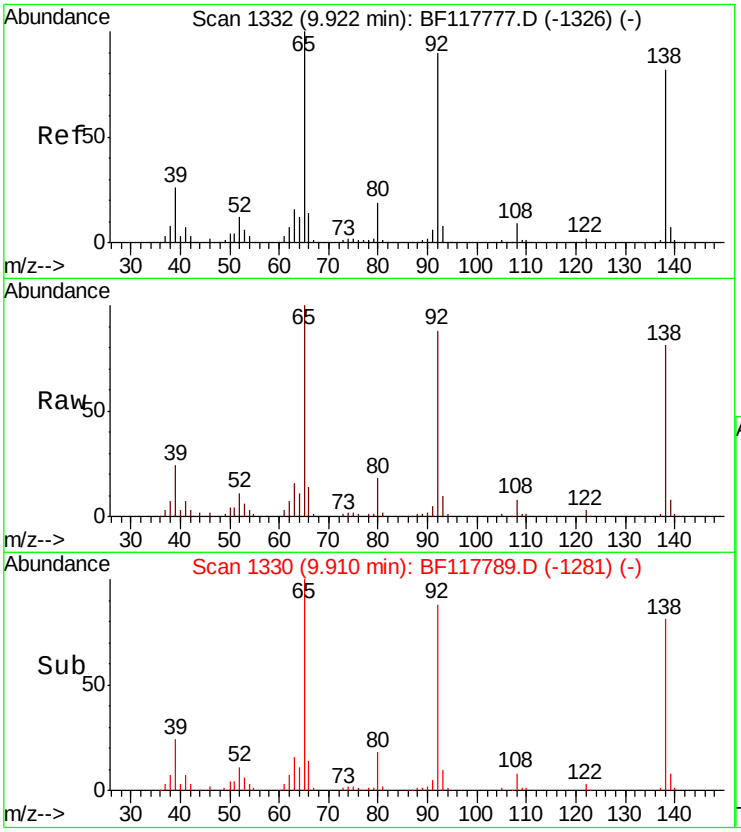


#52
Acenaphthene
Concen: 8.165 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Tgt Ion:154 Resp: 255659

Ion	Ratio	Lower	Upper
154	100		
153	112.7	90.1	135.1
152	53.3	44.0	66.0



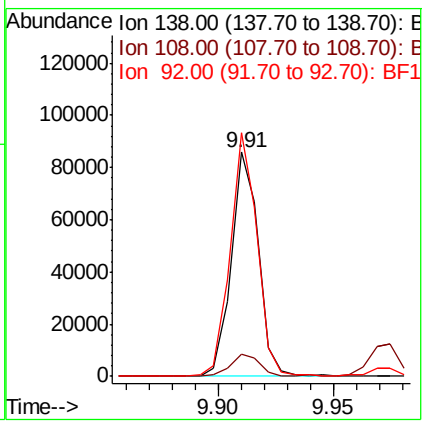


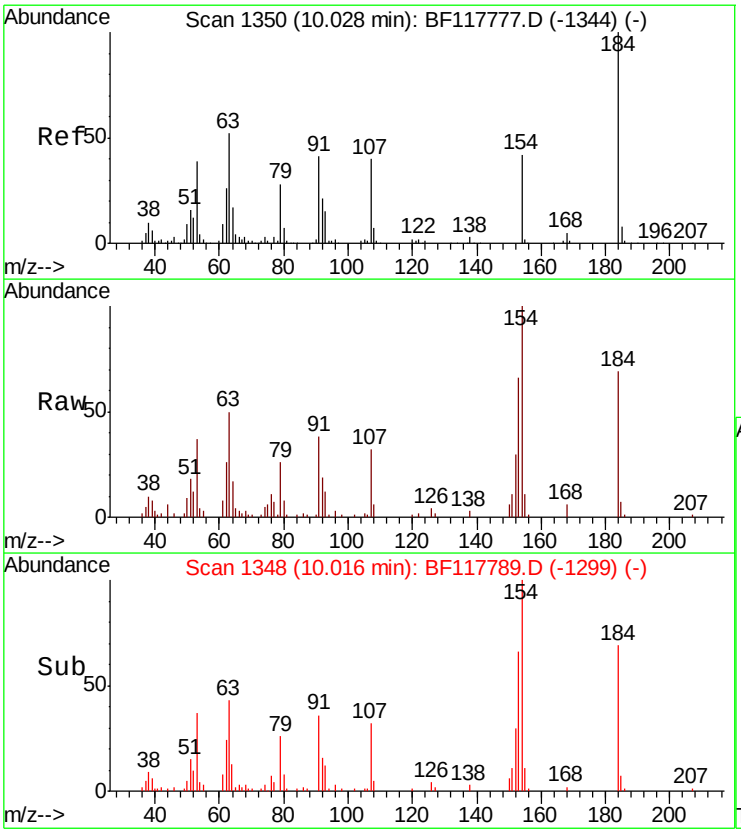
#53
3-Nitroaniline
Concen: 6.960 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tgt Ion:138 Resp: 70110

Ion	Ratio	Lower	Upper
138	100		
108	9.9	8.6	12.8
92	108.7	87.9	131.9

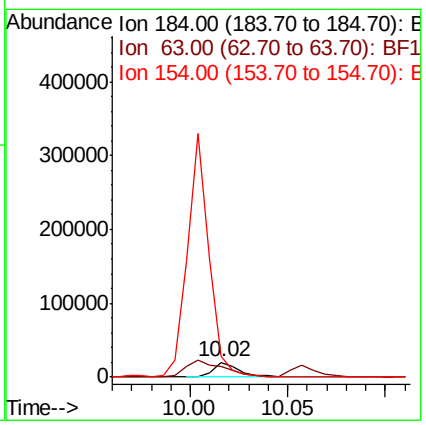


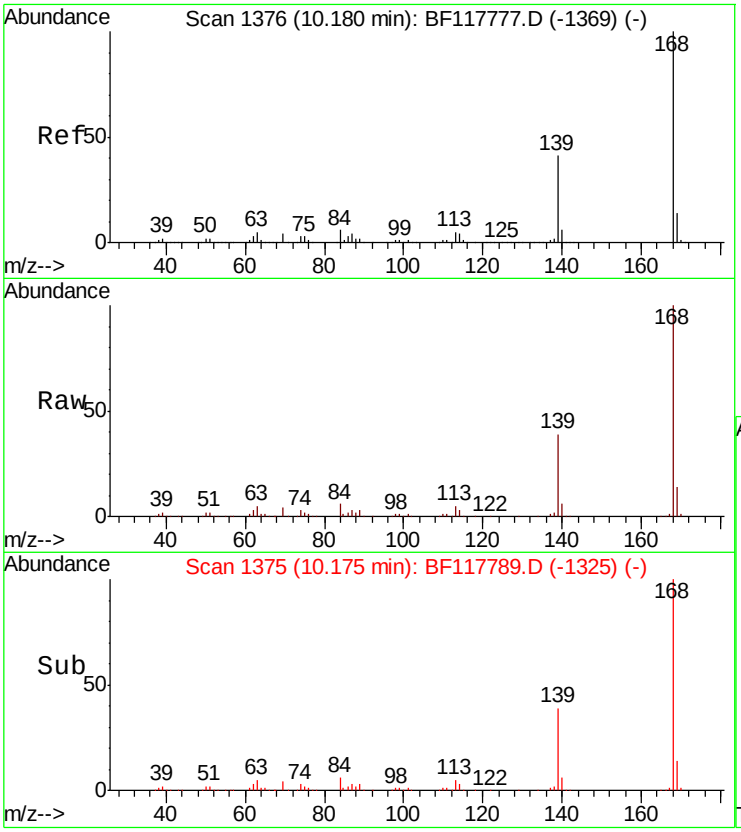


#54
2,4-Dinitrophenol
Concen: 5.066 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Tgt Ion:184 Resp: 18933

Ion	Ratio	Lower	Upper
184	100		
63	72.3	43.0	64.6#
154	144.6	48.0	72.0#



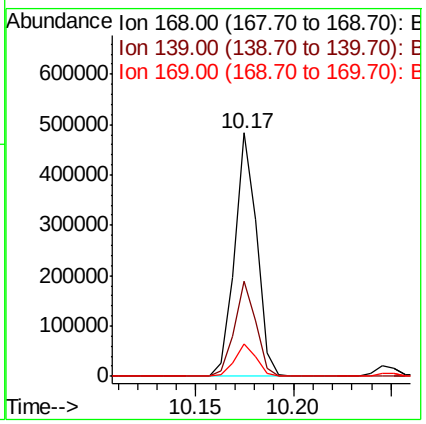


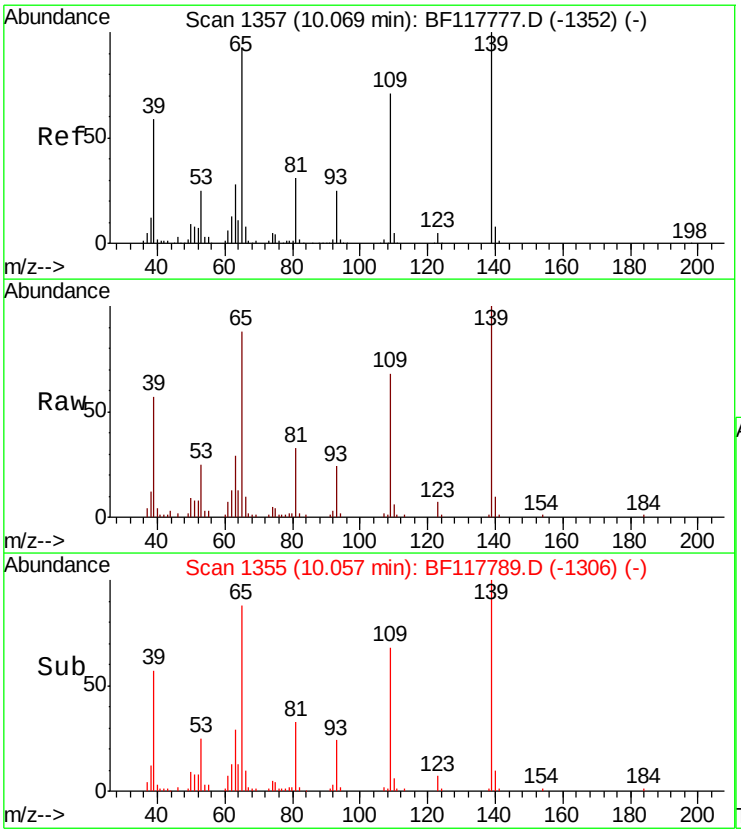
#55
Dibenzofuran
Concen: 8.708 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tgt Ion:168 Resp: 377564

Ion	Ratio	Lower	Upper
168	100		
139	39.0	33.0	49.6
169	13.5	11.5	17.3

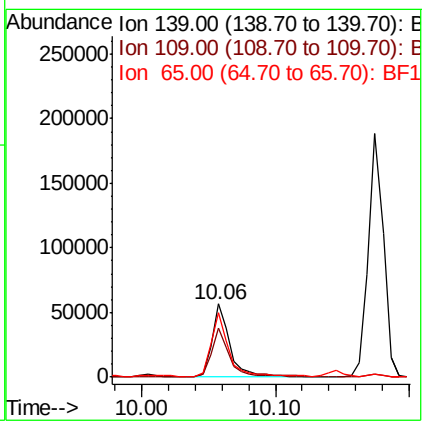


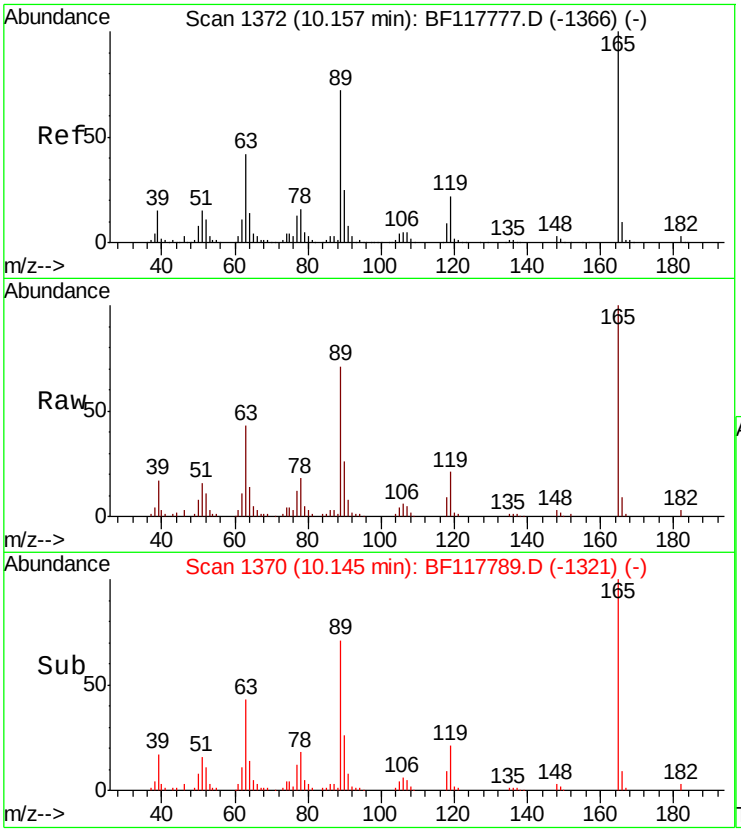


#56
4-Nitrophenol
Concen: 7.215 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Tgt Ion:139 Resp: 54253

Ion	Ratio	Lower	Upper
139	100		
109	67.6	50.8	90.8
65	88.2	73.6	113.6



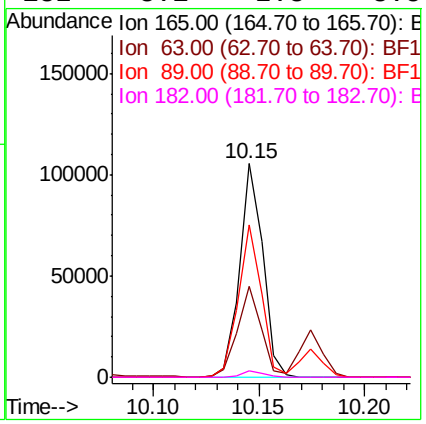


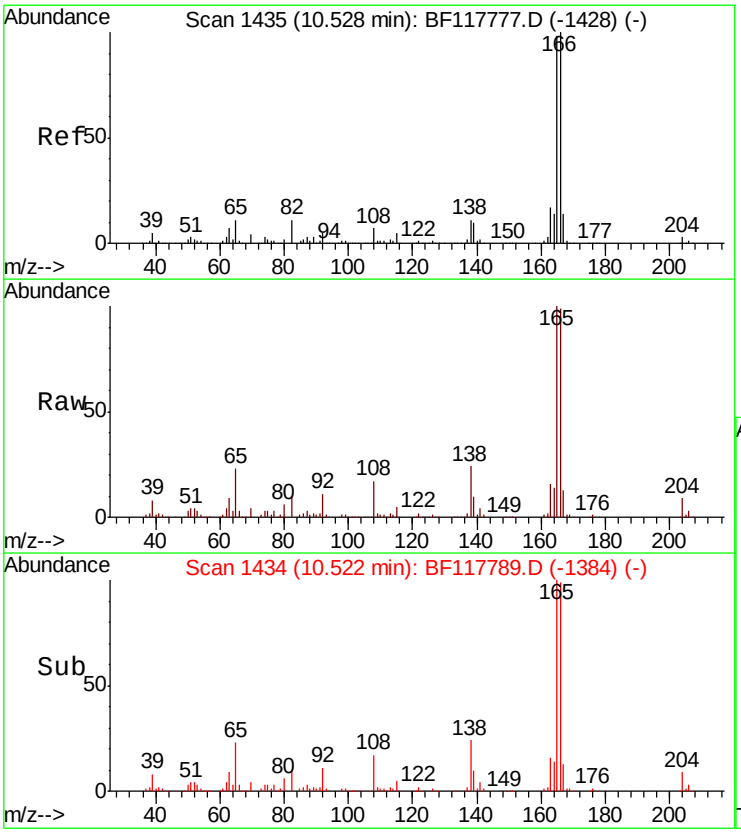
#57
2,4-Dinitrotoluene
Concen: 7.478 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tgt Ion:165 Resp: 80080

Ion	Ratio	Lower	Upper
165	100		
63	42.8	33.7	50.5
89	71.1	57.3	85.9
182	3.1	2.3	3.5

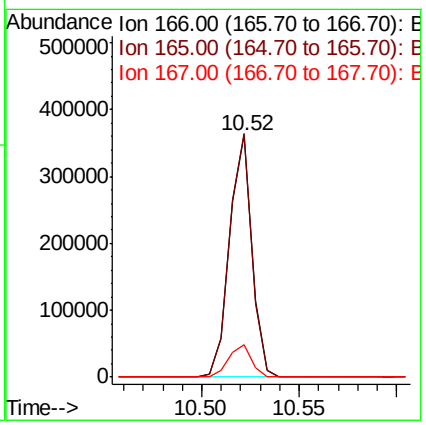


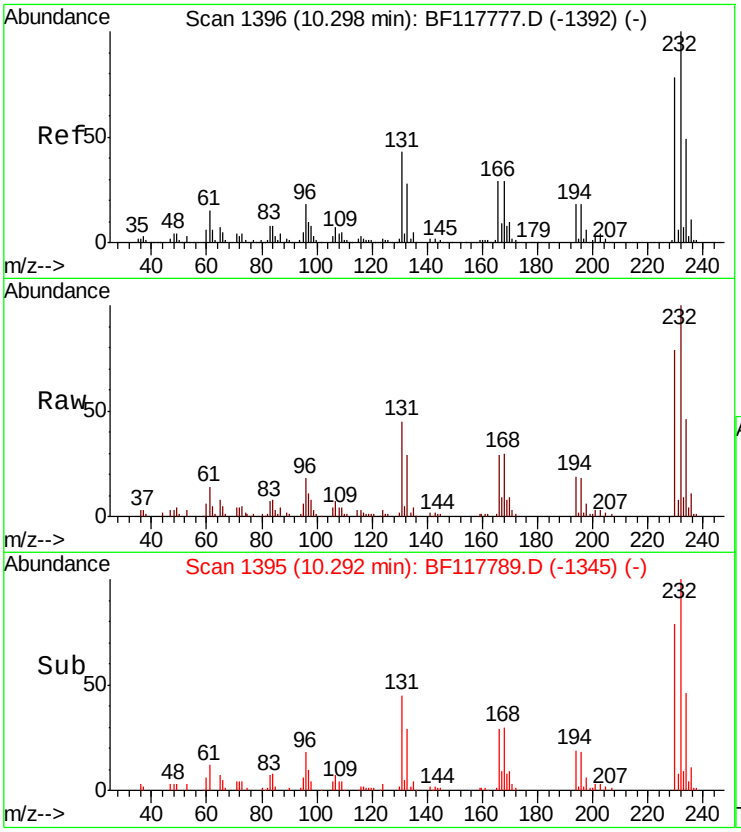


#58
Fluorene
Concen: 8.531 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Tgt Ion:166 Resp: 286648

Ion	Ratio	Lower	Upper
166	100		
165	100.6	78.4	117.6
167	13.5	11.0	16.4



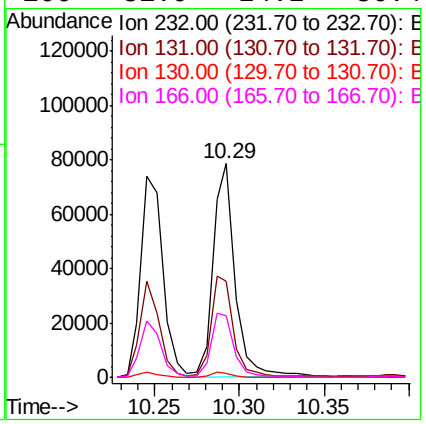


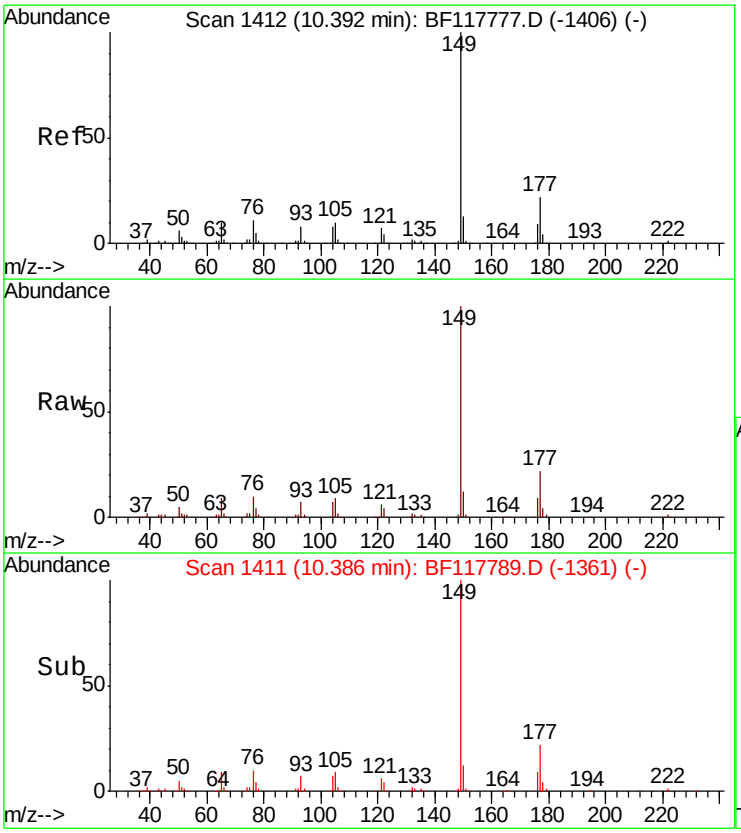
#59
2,3,4,6-Tetrachlorophenol
Concen: 7.295 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tgt Ion:232 Resp: 71112

Ion	Ratio	Lower	Upper
232	100		
131	49.7	37.6	56.4
130	2.3	1.9	2.9
166	31.9	24.2	36.4

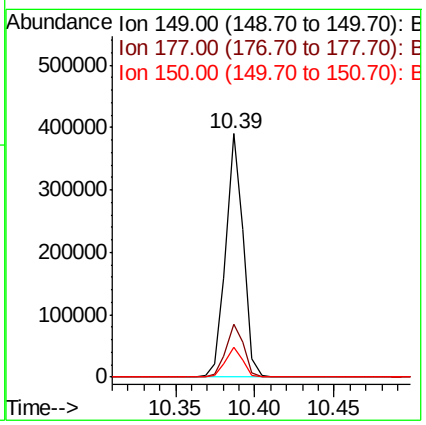


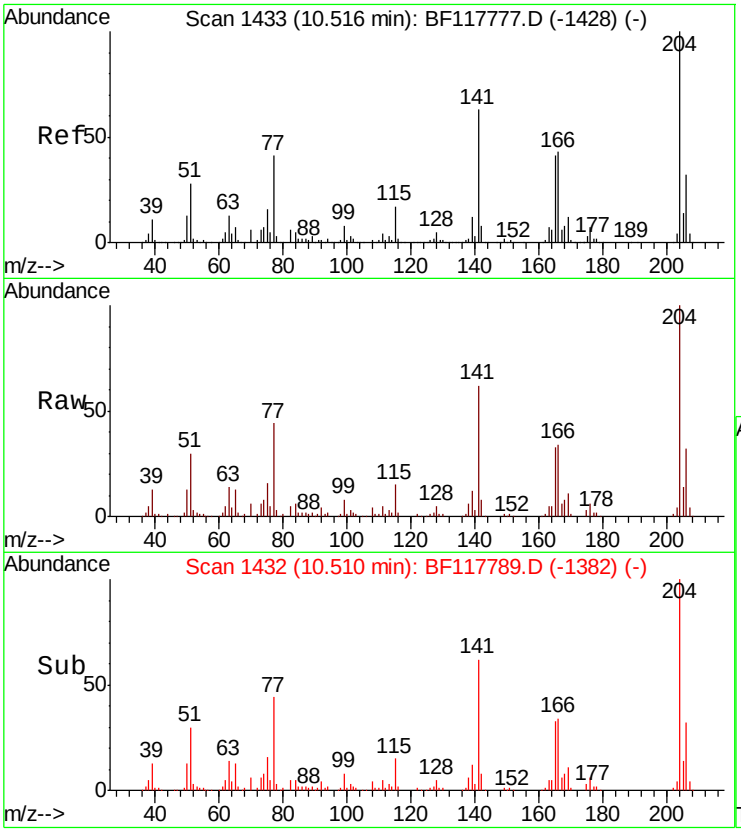


#60
Diethylphthalate
Concen: 7.920 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Tgt Ion:149 Resp: 297441

Ion	Ratio	Lower	Upper
149	100		
177	21.8	18.0	27.0
150	12.2	10.5	15.7



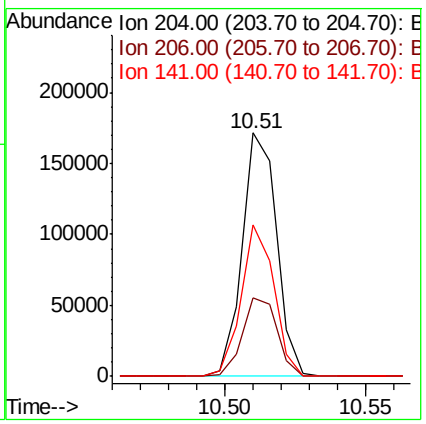


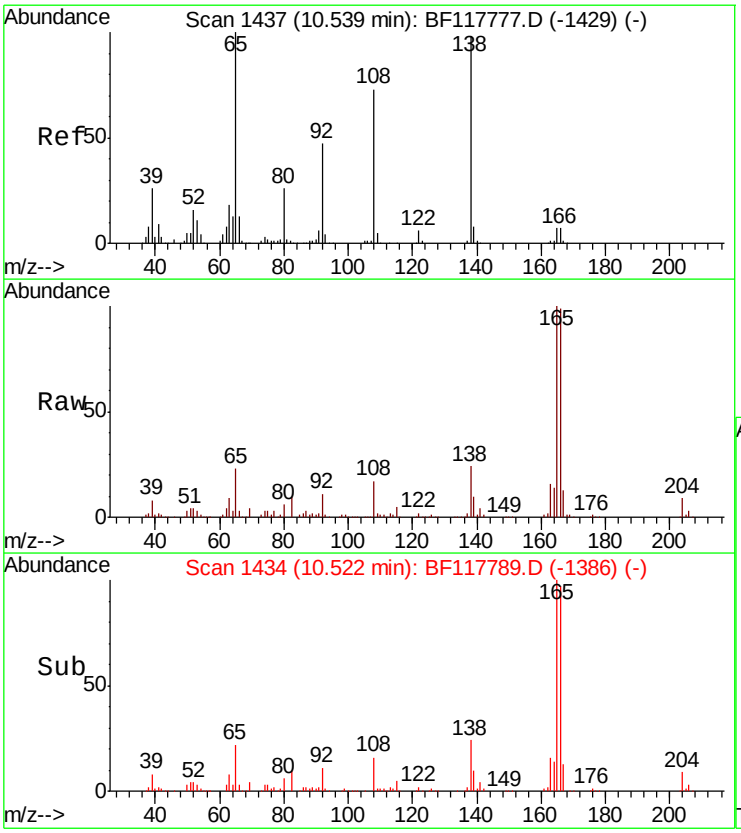
#61
4-Chlorophenyl-phenylether
Concen: 8.520 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tgt Ion:204 Resp: 145286

Ion	Ratio	Lower	Upper
204	100		
206	32.1	25.6	38.4
141	62.2	50.7	76.1

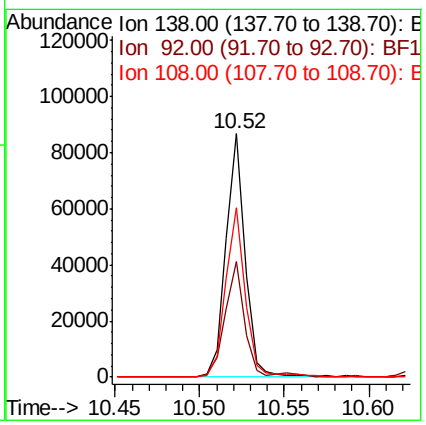


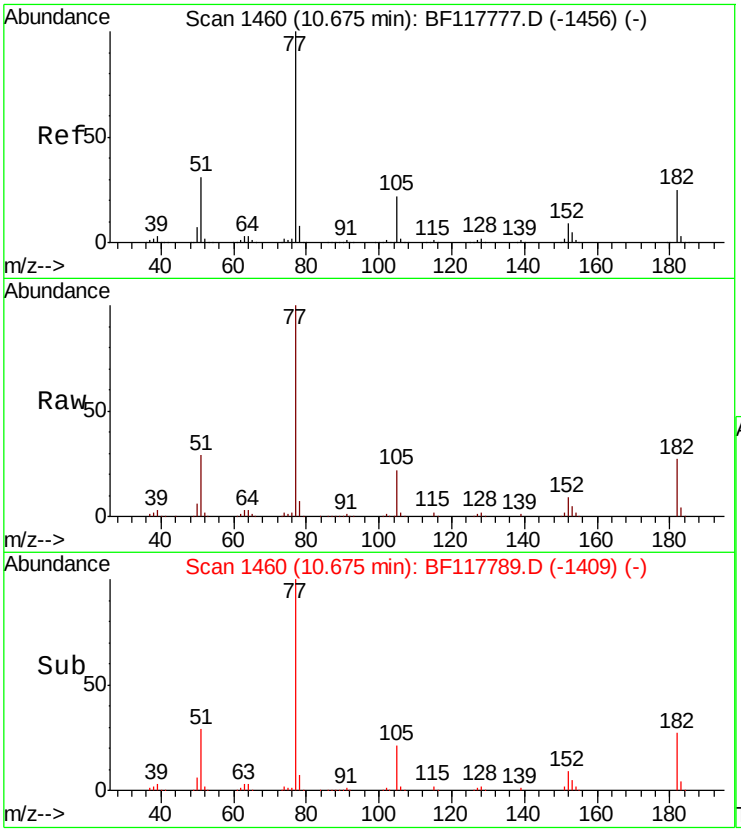


#62
4-Nitroaniline
Concen: 6.780 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.02 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Tgt Ion:138 Resp: 68383

Ion	Ratio	Lower	Upper
138	100		
92	47.3	28.3	68.3
108	69.7	54.3	94.3



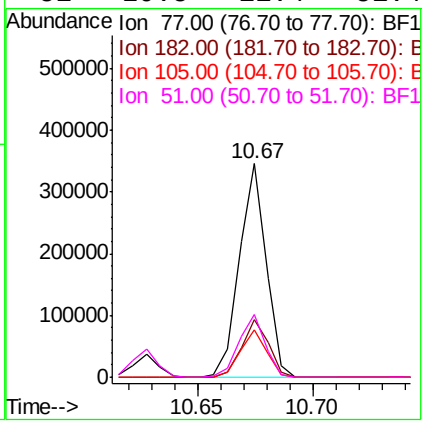


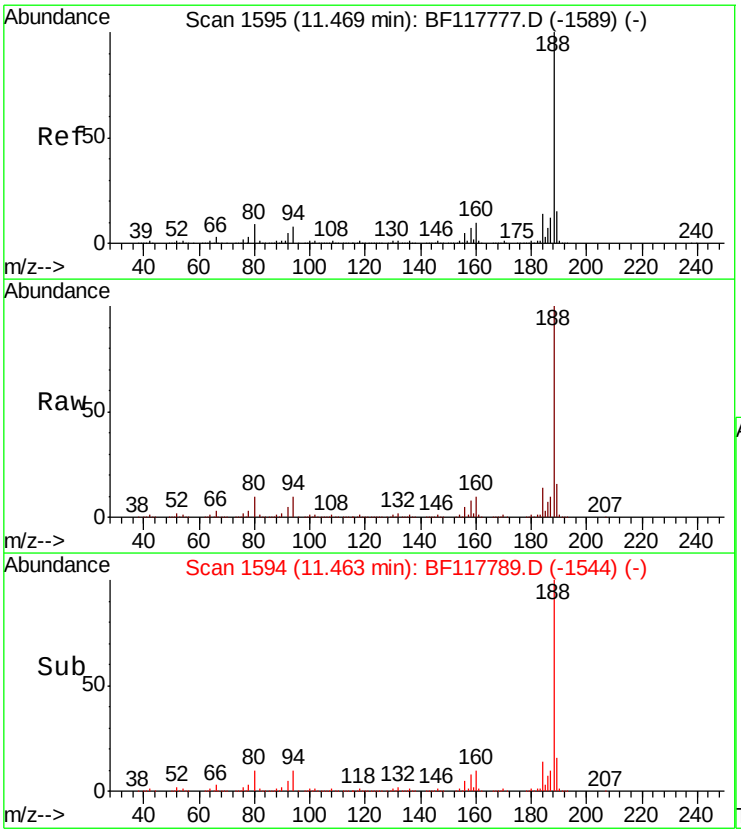
#63
Azobenzene
Concen: 8.235 ng
RT: 10.67 min Scan# 1460
Delta R.T. 0.00 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tgt Ion: 77 Resp: 281349

Ion	Ratio	Lower	Upper
77	100		
182	27.2	4.8	44.8
105	21.9	2.1	42.1
51	29.5	11.4	51.4

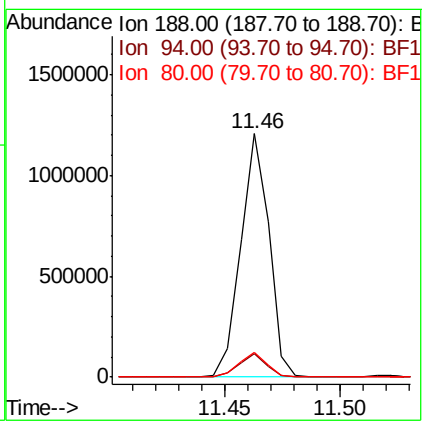


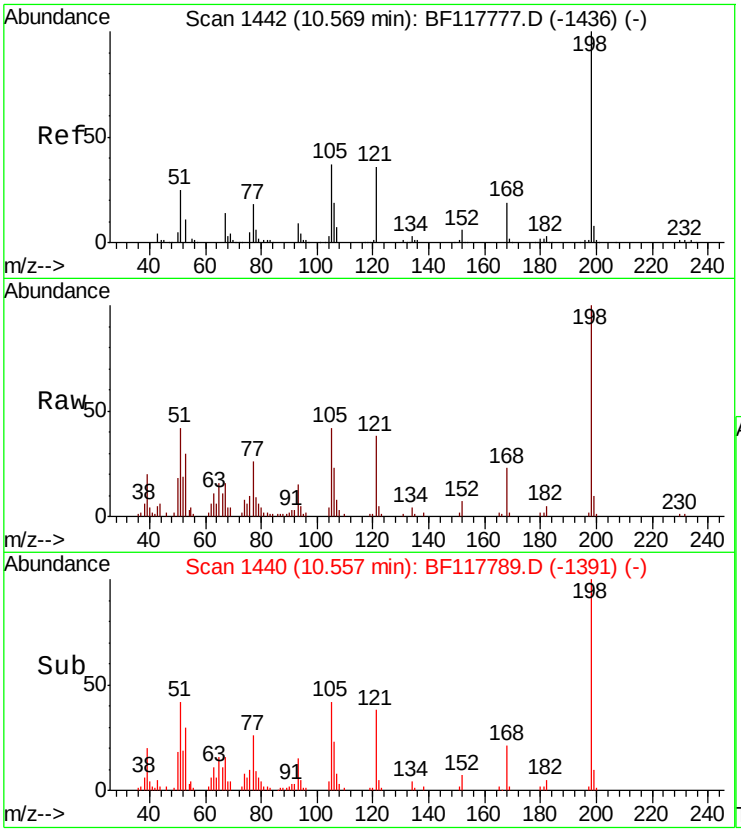


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Tgt Ion:188 Resp: 1035312

Ion	Ratio	Lower	Upper
188	100		
94	9.5	6.6	10.0
80	9.9	7.2	10.8



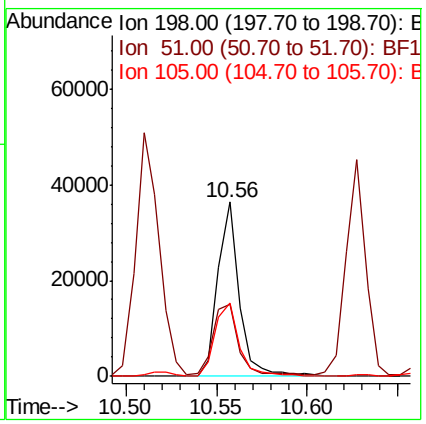


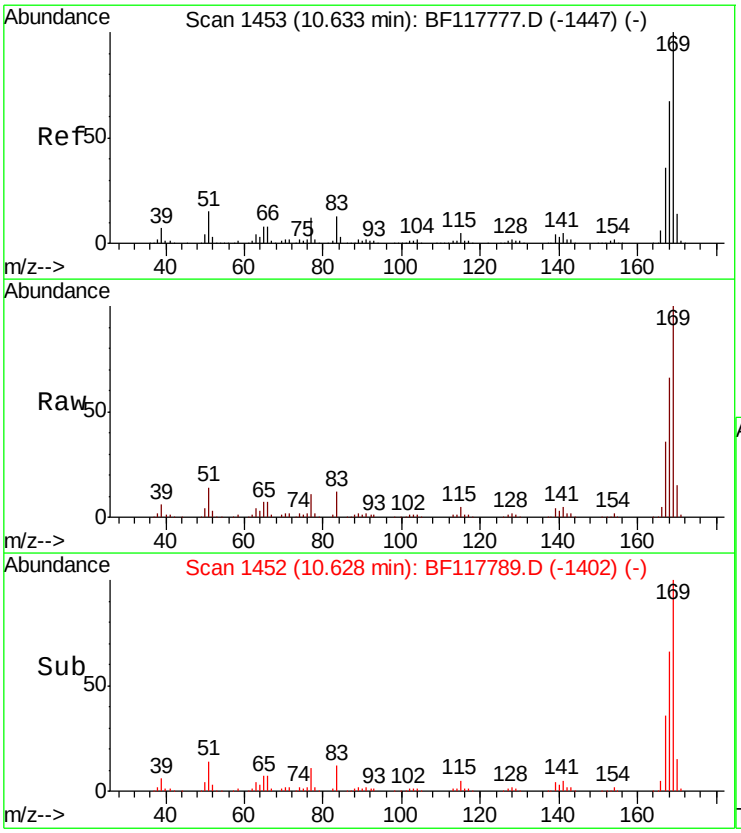
#65
4,6-Dinitro-2-methylphenol
Concen: 6.209 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tgt Ion:198 Resp: 30009

Ion	Ratio	Lower	Upper
198	100		
51	41.5	16.0	56.0
105	42.1	19.1	59.1

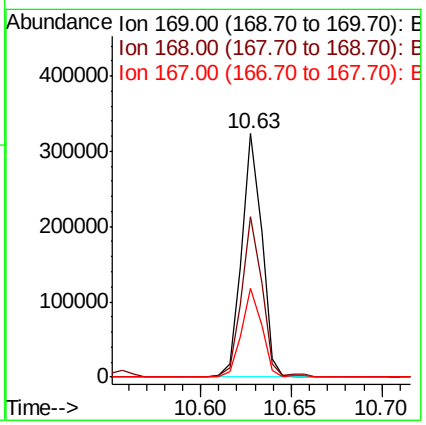


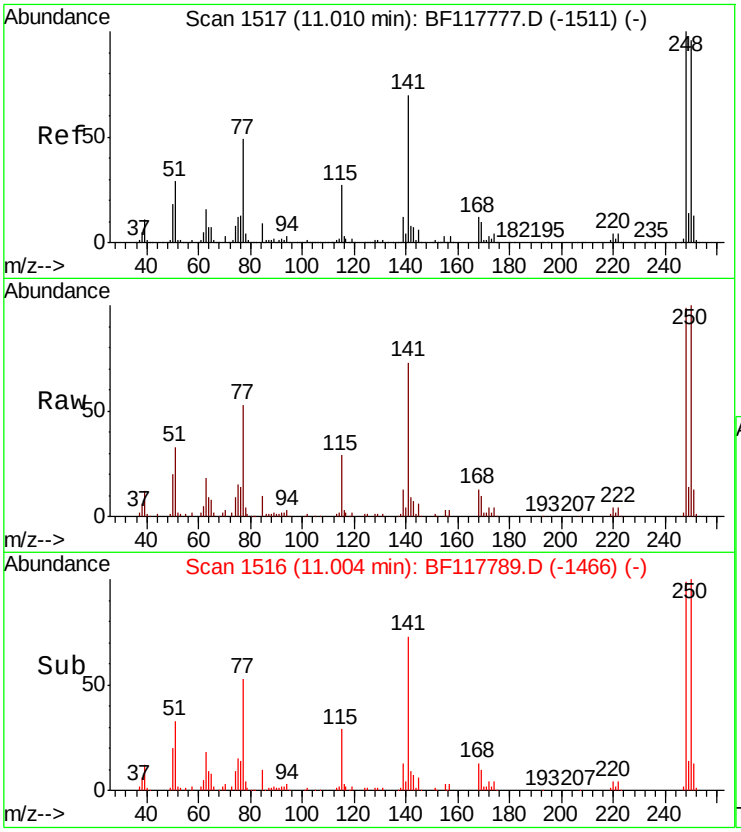


#66
n-Nitrosodiphenylamine
Concen: 8.338 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Tgt Ion:169 Resp: 251229

Ion	Ratio	Lower	Upper
169	100		
168	65.9	53.5	80.3
167	36.4	29.0	43.4



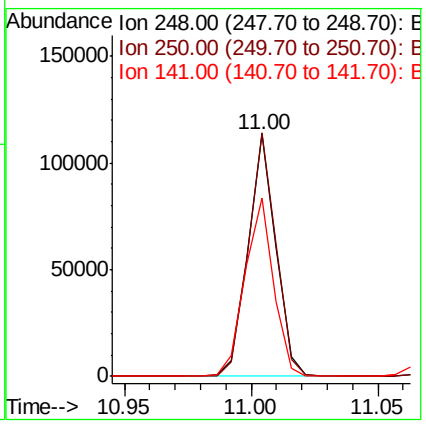


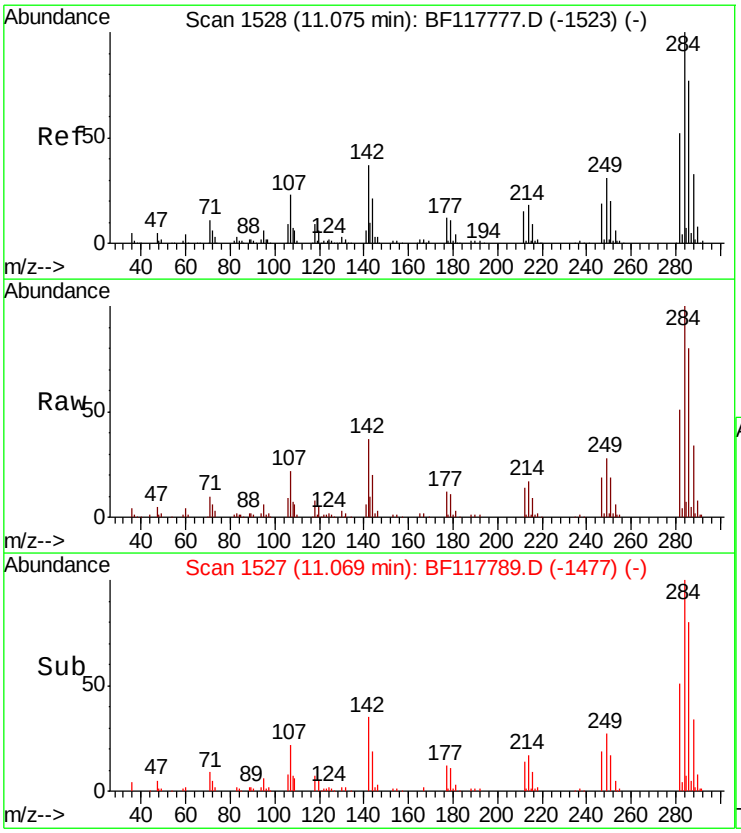
#67
4-Bromophenyl-phenylether
Concen: 7.760 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.01 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tgt Ion:248 Resp: 86689

Ion	Ratio	Lower	Upper
248	100		
250	100.6	76.6	115.0
141	73.7	55.9	83.9

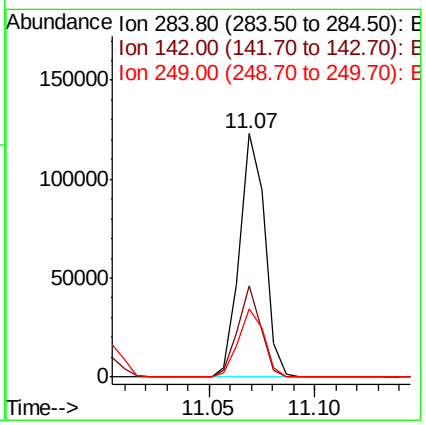


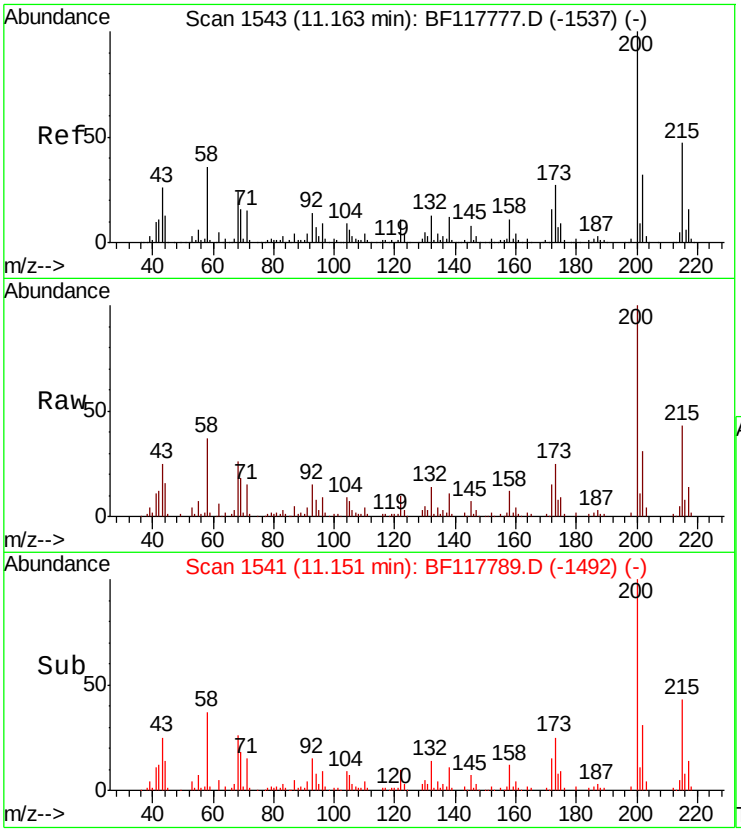


#68
Hexachlorobenzene
Concen: 7.831 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Tgt Ion:284 Resp: 102005

Ion	Ratio	Lower	Upper
284	100		
142	37.4	29.4	44.2
249	28.0	24.6	37.0



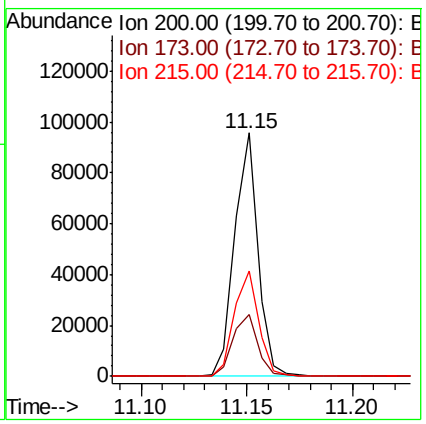


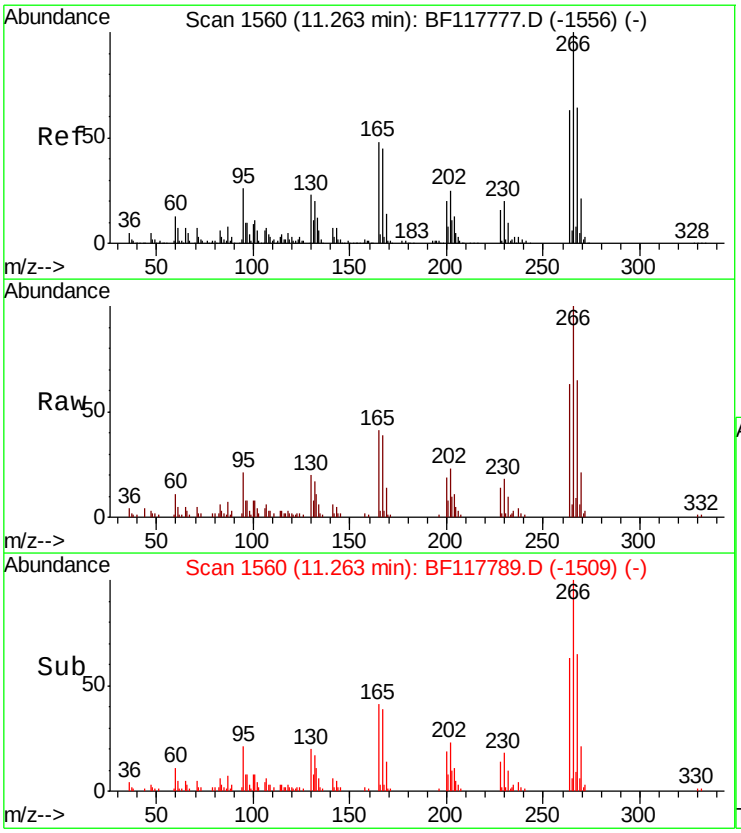
#69
Atrazine
Concen: 7.320 ng
RT: 11.15 min Scan# 1541
Delta R.T. -0.01 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tgt Ion:200 Resp: 72552

Ion	Ratio	Lower	Upper
200	100		
173	25.4	6.7	46.7
215	43.3	27.5	67.5

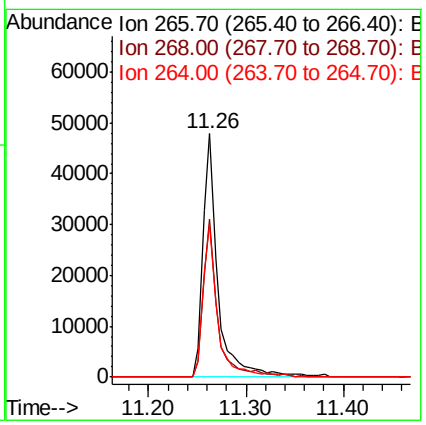


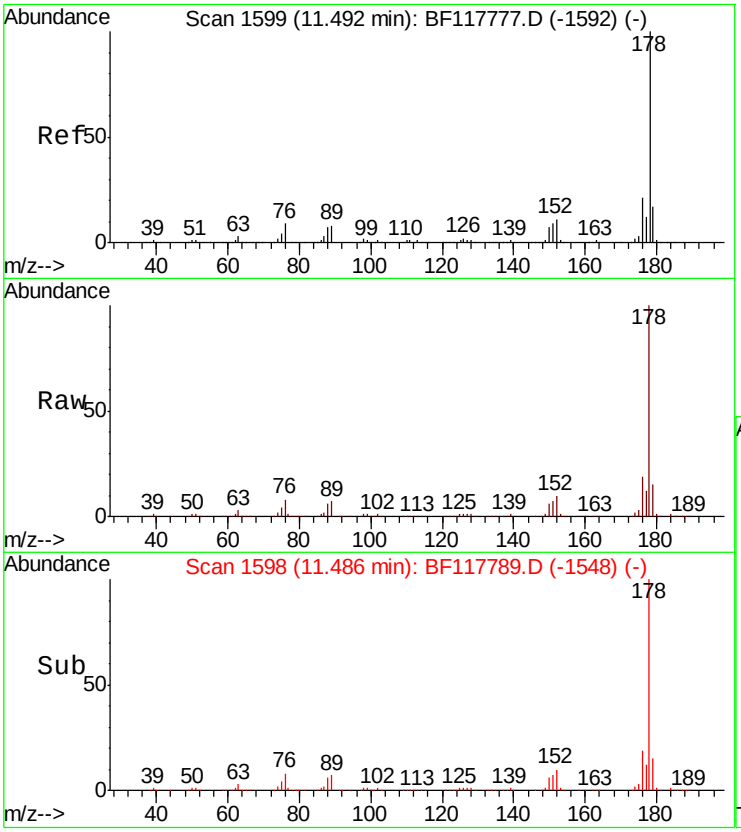


#70
Pentachlorophenol
Concen: 6.732 ng
RT: 11.26 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Tgt Ion:266 Resp: 51229

Ion	Ratio	Lower	Upper
266	100		
268	65.1	50.8	76.2
264	62.7	50.7	76.1



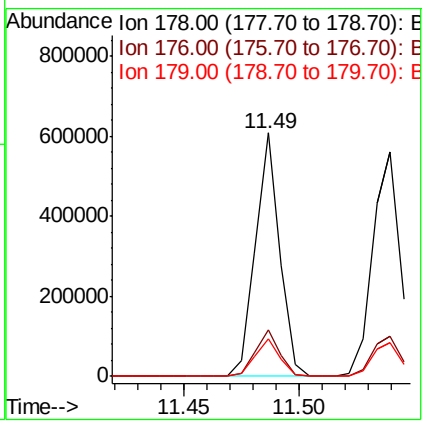


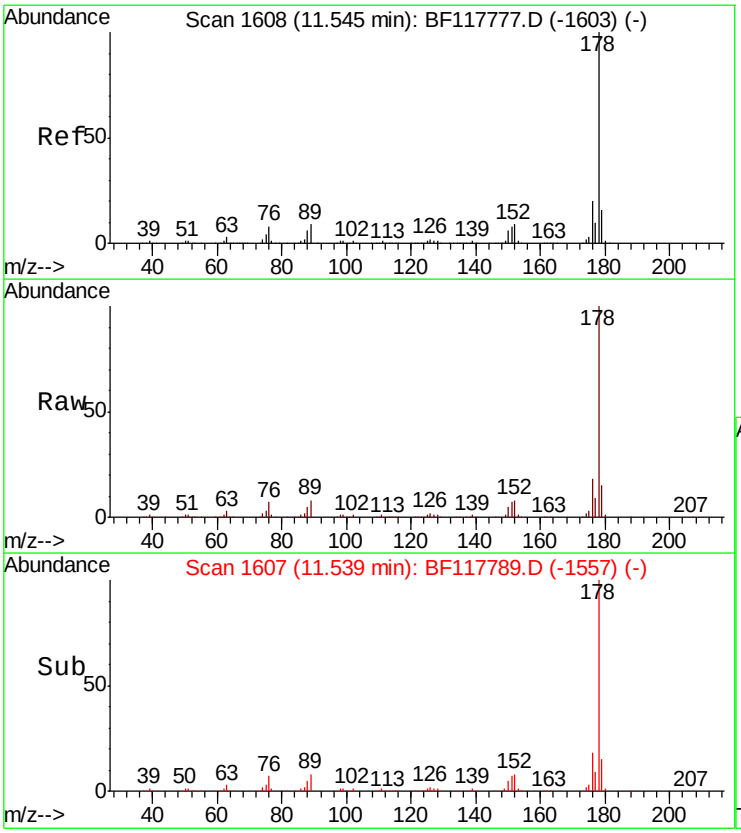
#71
Phenanthrene
Concen: 8.603 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tgt Ion:178 Resp: 447781

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.6	25.0
179	15.4	13.2	19.8

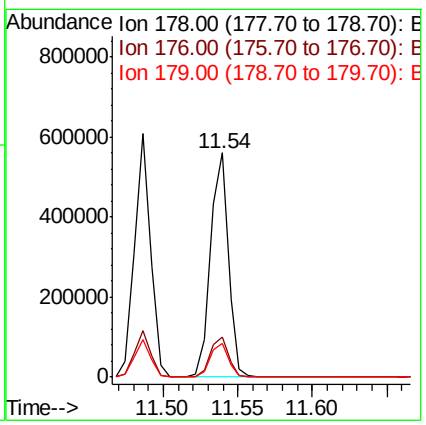


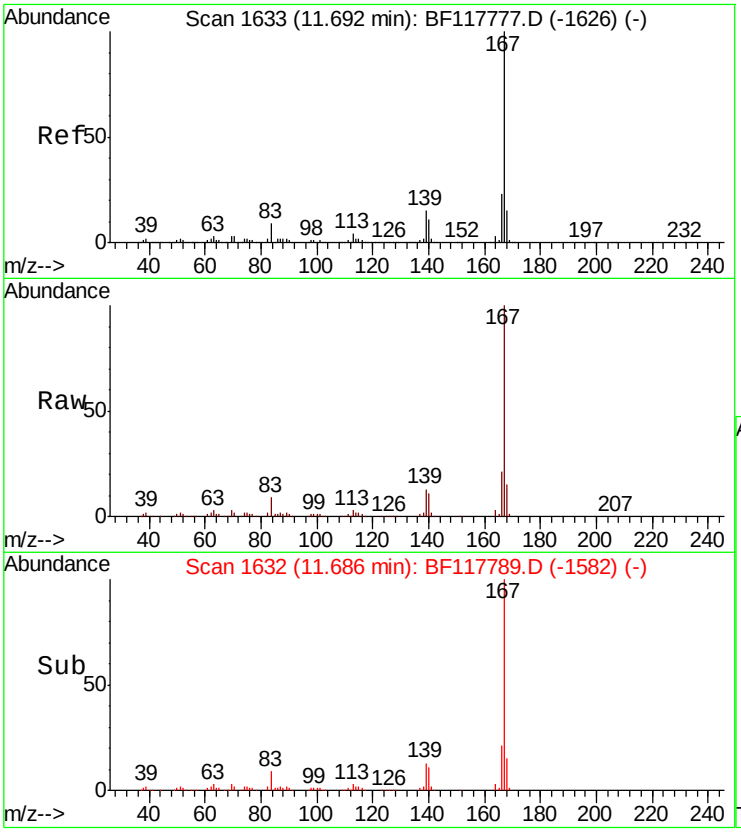


#72
Anthracene
Concen: 8.998 ng
RT: 11.54 min Scan# 1607
Delta R.T. -0.01 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Tgt Ion:178 Resp: 464360

Ion	Ratio	Lower	Upper
178	100		
176	18.1	16.1	24.1
179	15.0	13.0	19.4



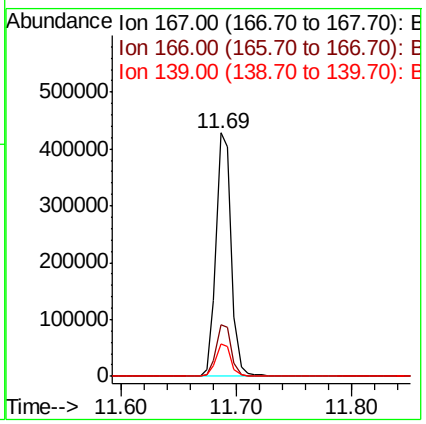


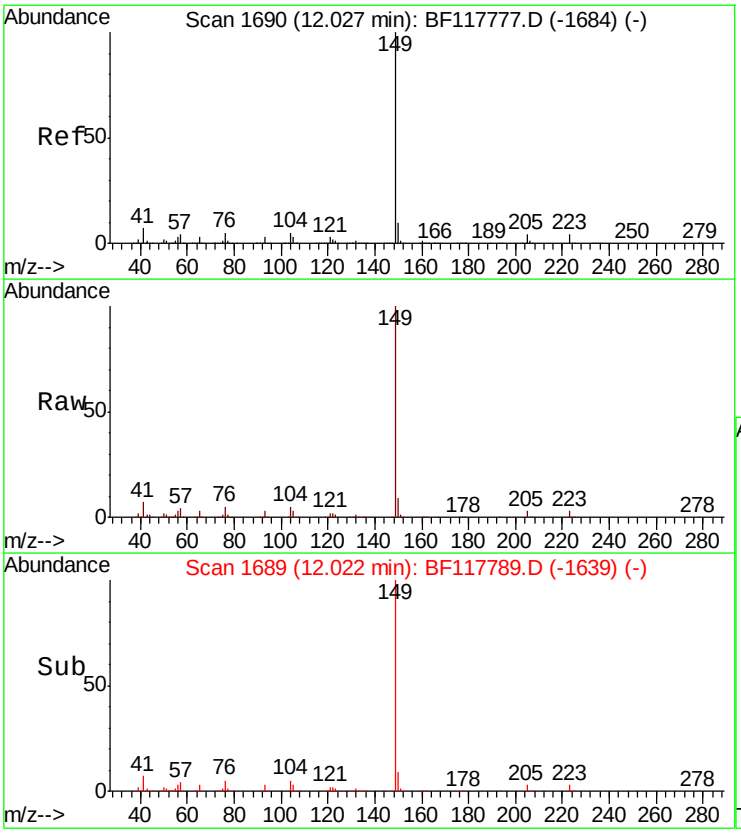
#73
Carbazole
Concen: 8.746 ng
RT: 11.69 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tgt Ion:167 Resp: 394419

Ion	Ratio	Lower	Upper
167	100		
166	21.1	18.0	27.0
139	13.2	11.7	17.5

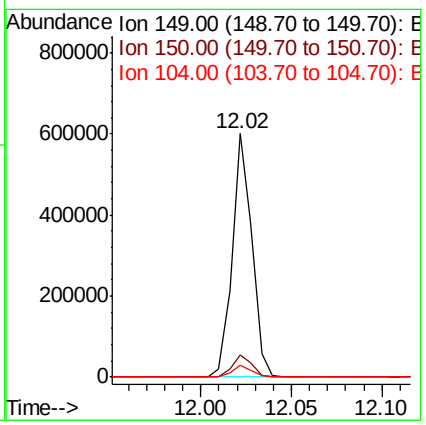


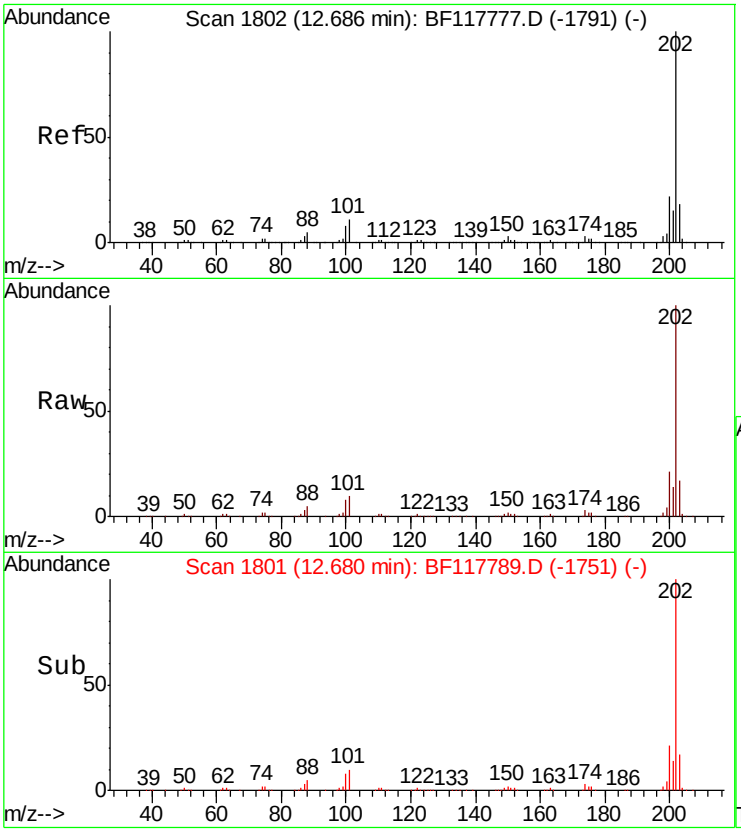


#74
Di-n-butylphthalate
Concen: 8.059 ng
RT: 12.02 min Scan# 1689
Delta R.T. -0.01 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Tgt Ion:149 Resp: 452507

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.9	11.9
104	4.9	4.2	6.4



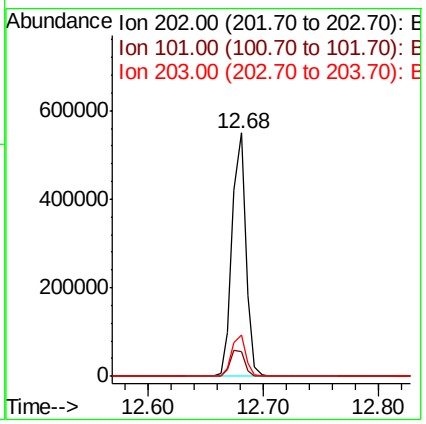


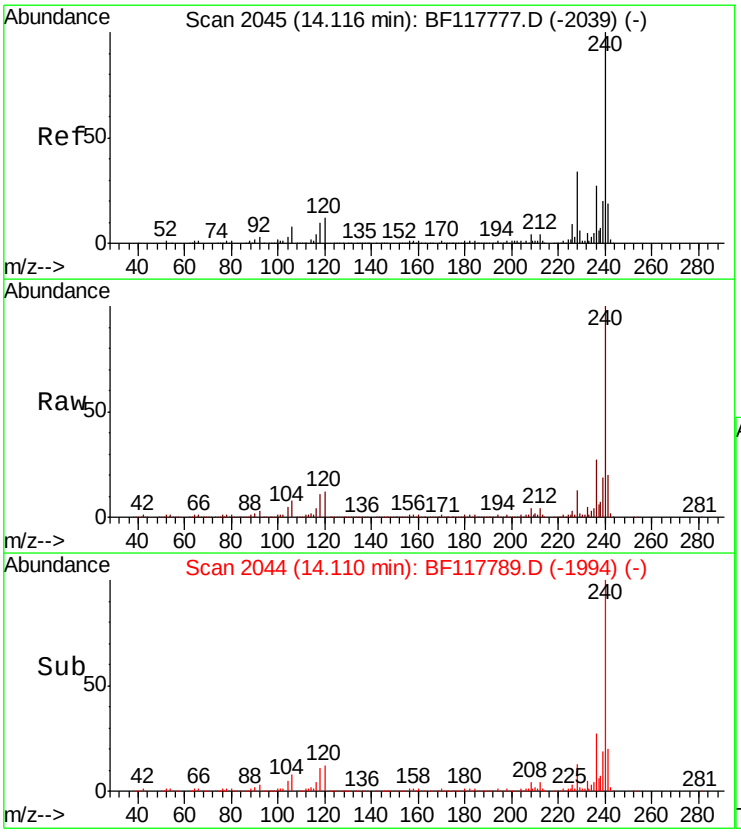
#75
Fluoranthene
Concen: 9.010 ng
RT: 12.68 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tgt Ion:202 Resp: 453716

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	31.1
203	17.1	0.0	38.2

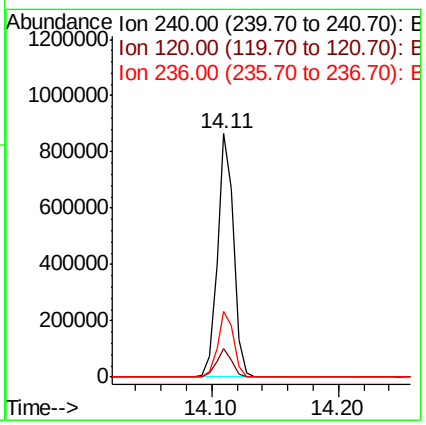


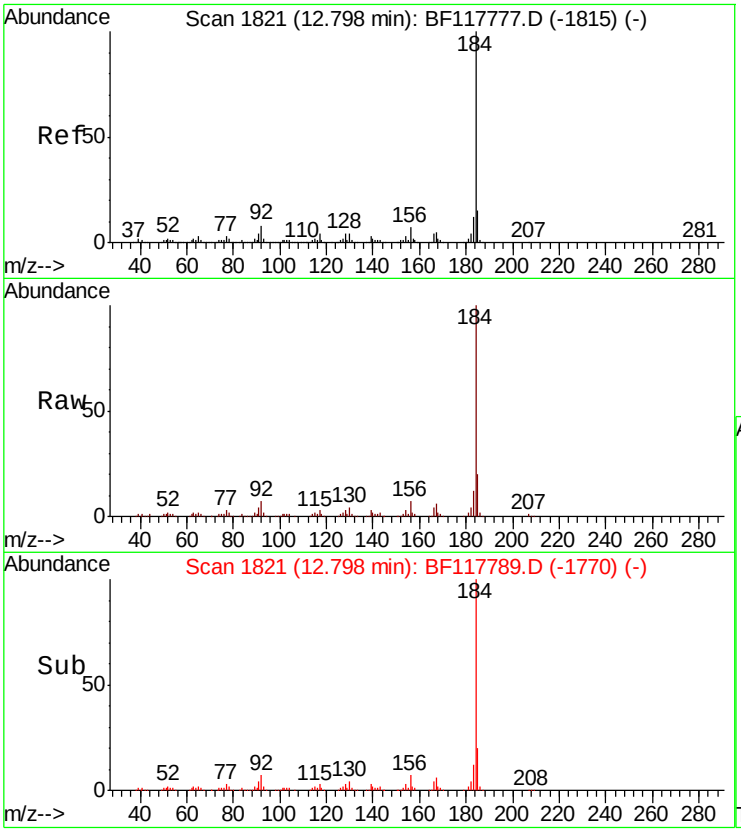


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Tgt Ion:240 Resp: 768839

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.5	14.3
236	26.7	21.3	31.9



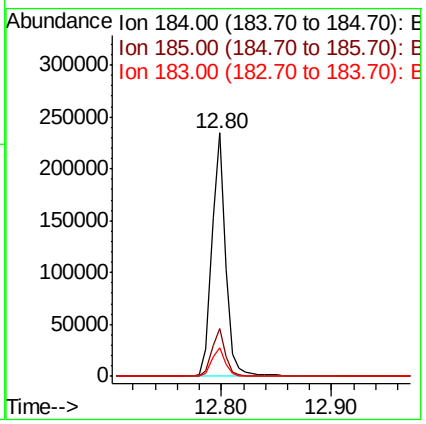


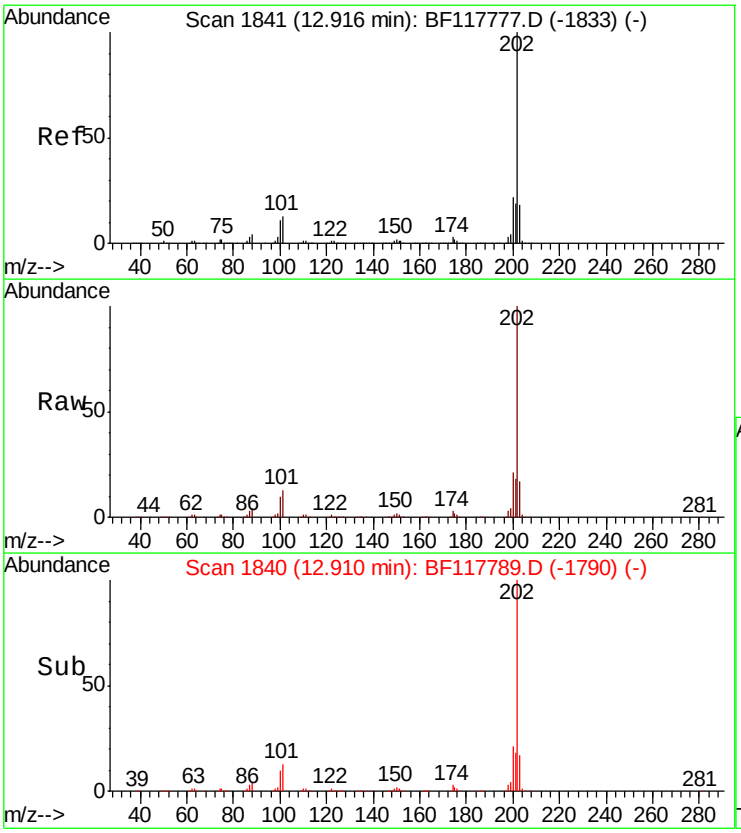
#77
Benzidine
Concen: 7.944 ng
RT: 12.80 min Scan# 1821
Delta R.T. 0.00 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tgt Ion:184 Resp: 200066

Ion	Ratio	Lower	Upper
184	100		
185	19.5	12.2	18.4#
183	12.0	9.5	14.3

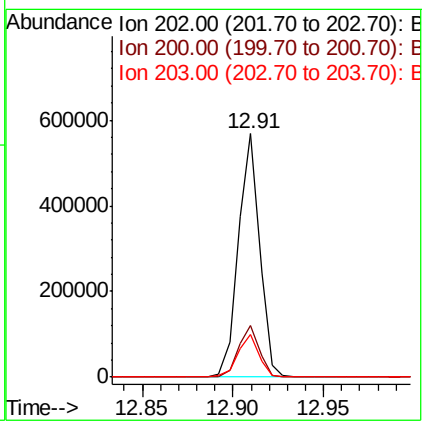


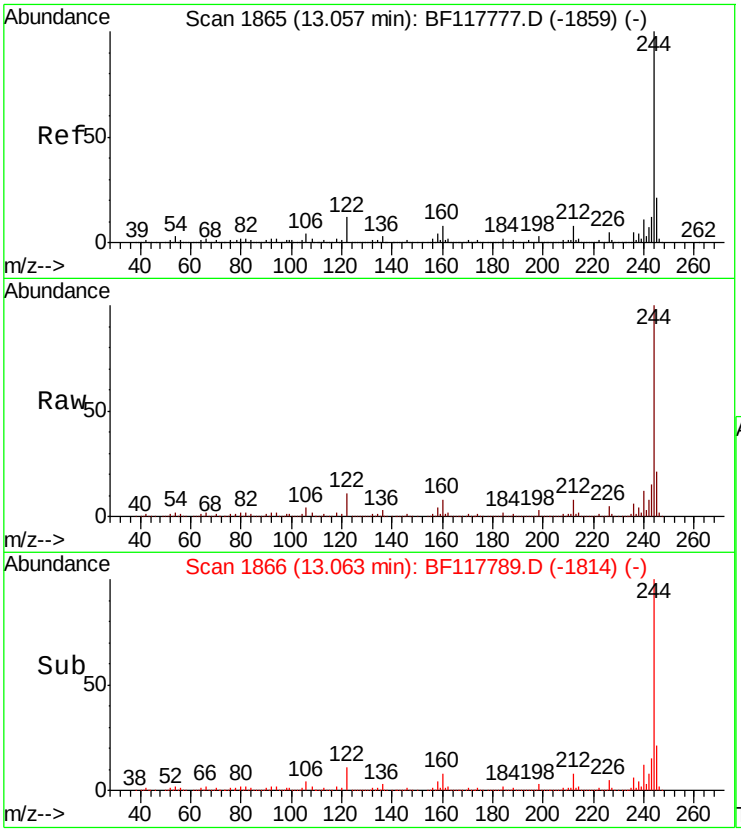


#78
Pyrene
Concen: 7.448 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Tgt Ion:202 Resp: 462759

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.8	26.8
203	17.4	14.6	22.0



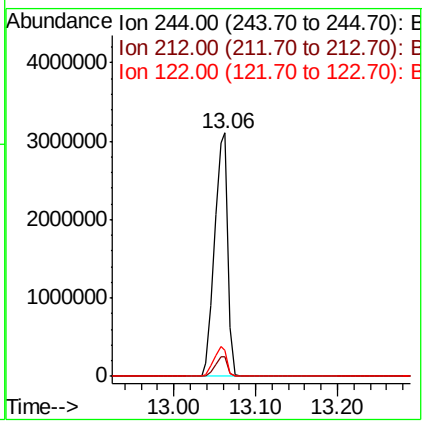


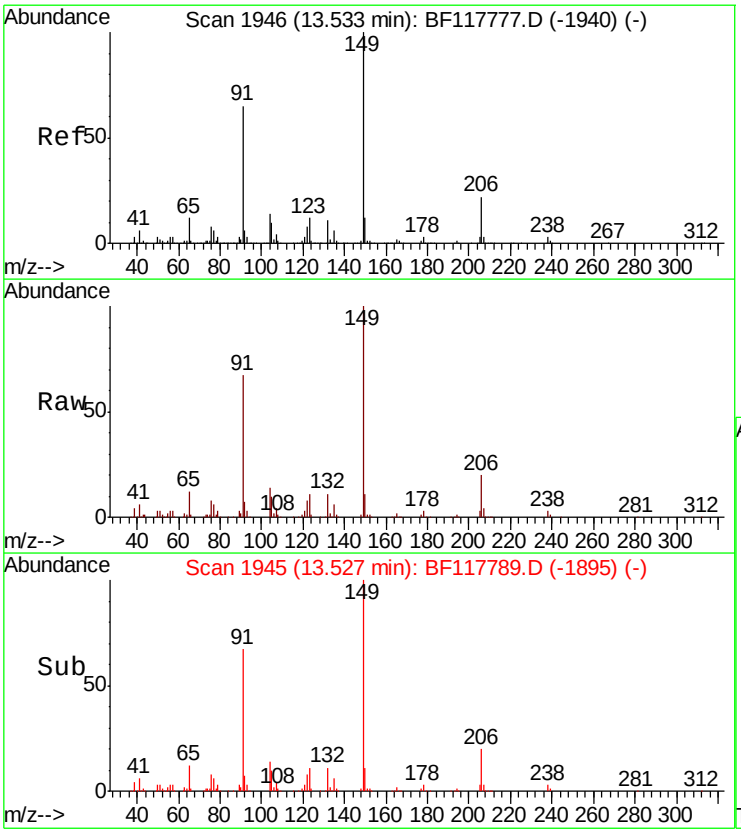
#79
Terphenyl-d14
Concen: 83.142 ng
RT: 13.06 min Scan# 1866
Delta R.T. 0.01 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tgt Ion:244 Resp: 3497620

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.3	9.5
122	10.7	9.4	14.2

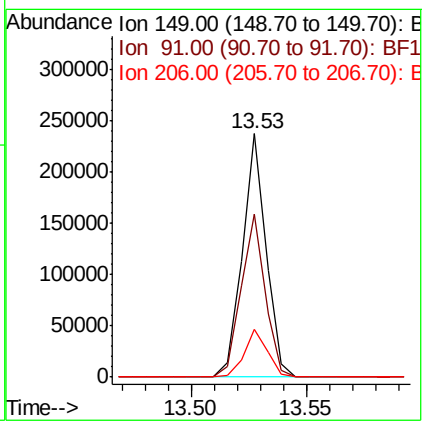


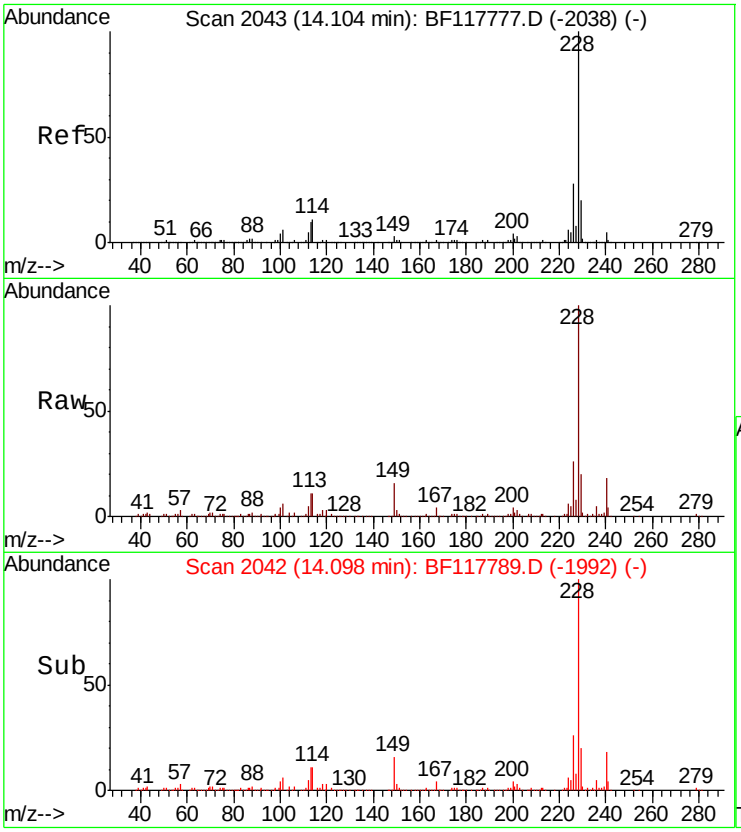


#80
Butylbenzylphthalate
Concen: 6.374 ng
RT: 13.53 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Tgt Ion:149 Resp: 170094

Ion	Ratio	Lower	Upper
149	100		
91	66.9	51.9	77.9
206	19.6	17.2	25.8



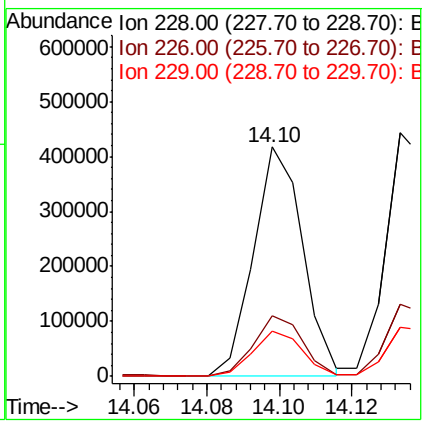


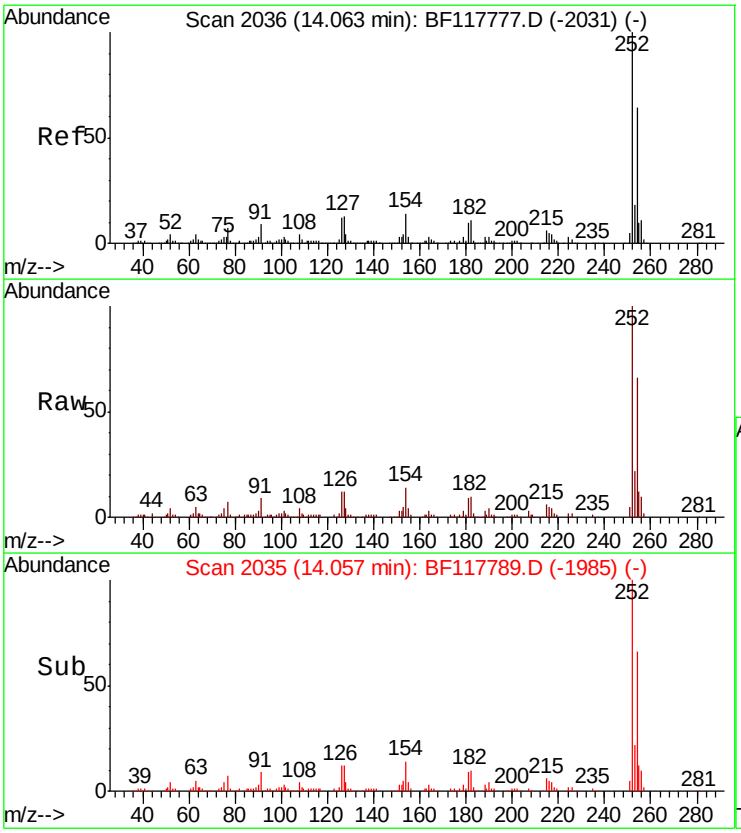
#81
Benzo(a)anthracene
Concen: 7.797 ng
RT: 14.10 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tgt Ion:228 Resp: 396130

Ion	Ratio	Lower	Upper
228	100		
226	26.3	22.2	33.2
229	19.8	15.9	23.9

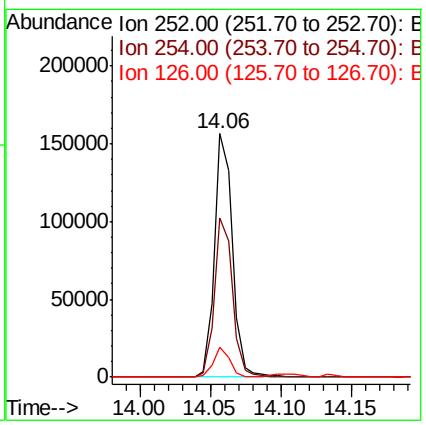


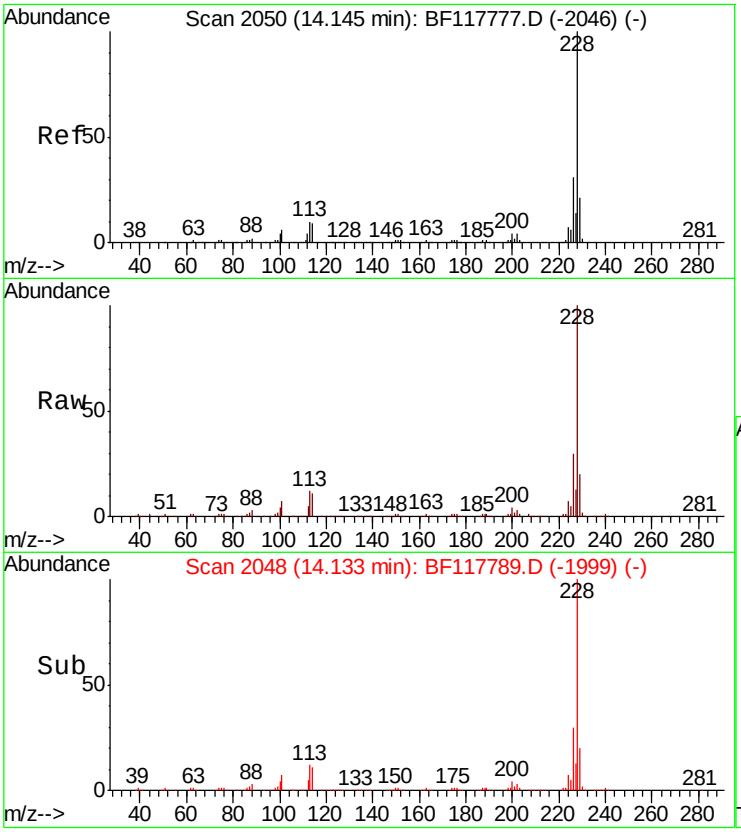


#82
3,3'-Dichlorobenzidine
Concen: 7.798 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Tgt Ion:252 Resp: 138585

Ion	Ratio	Lower	Upper
252	100		
254	65.5	51.0	76.6
126	12.3	9.7	14.5



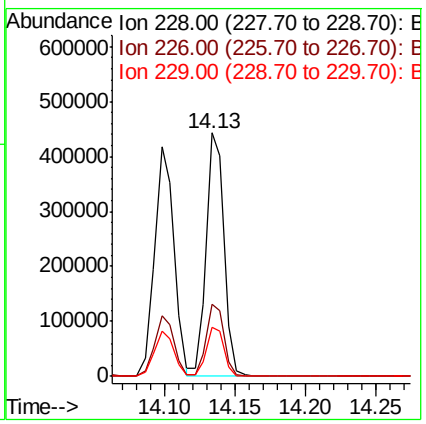


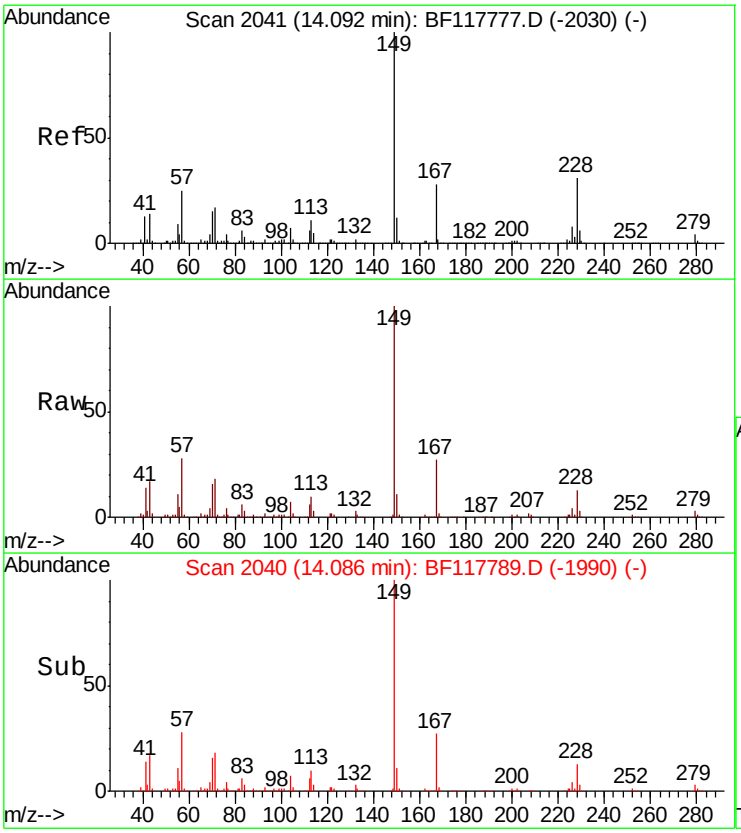
#83
Chrysene
Concen: 7.907 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tgt Ion:228 Resp: 389272

Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.0	37.4
229	20.2	16.6	25.0

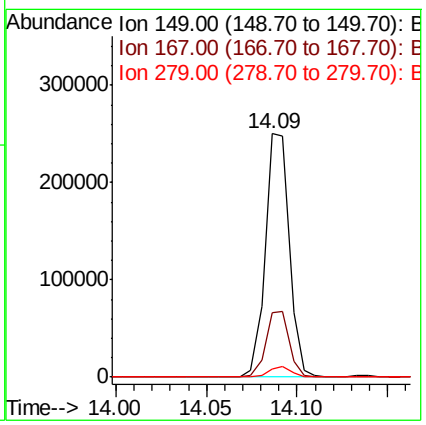


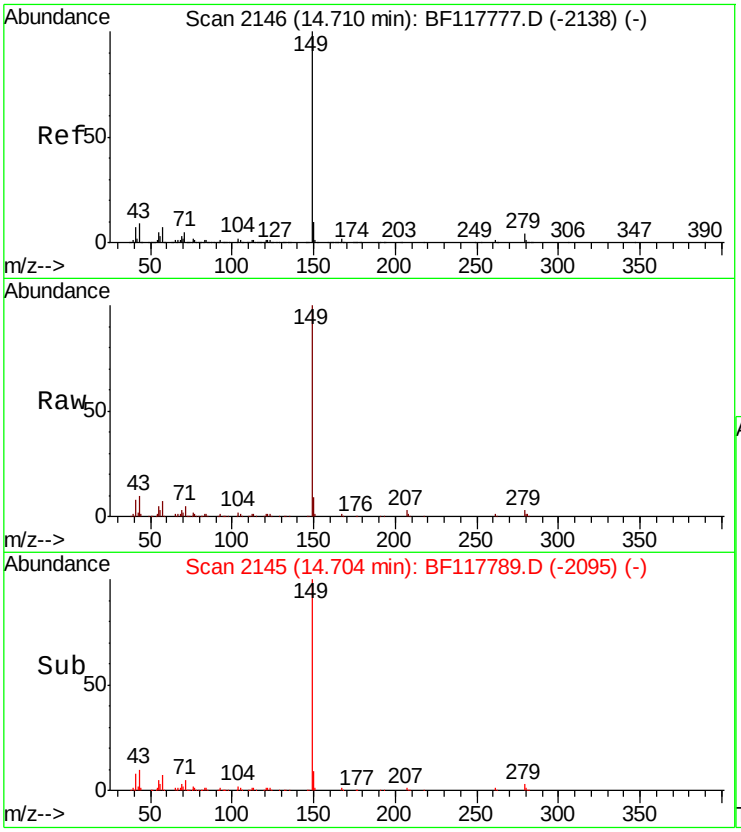


#84
Bis(2-ethylhexyl)phthalate
Concen: 7.152 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Tgt Ion:149 Resp: 231380

Ion	Ratio	Lower	Upper
149	100		
167	26.6	22.2	33.2
279	3.4	3.4	5.2#



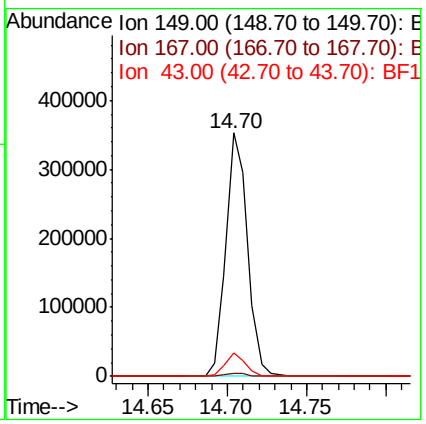


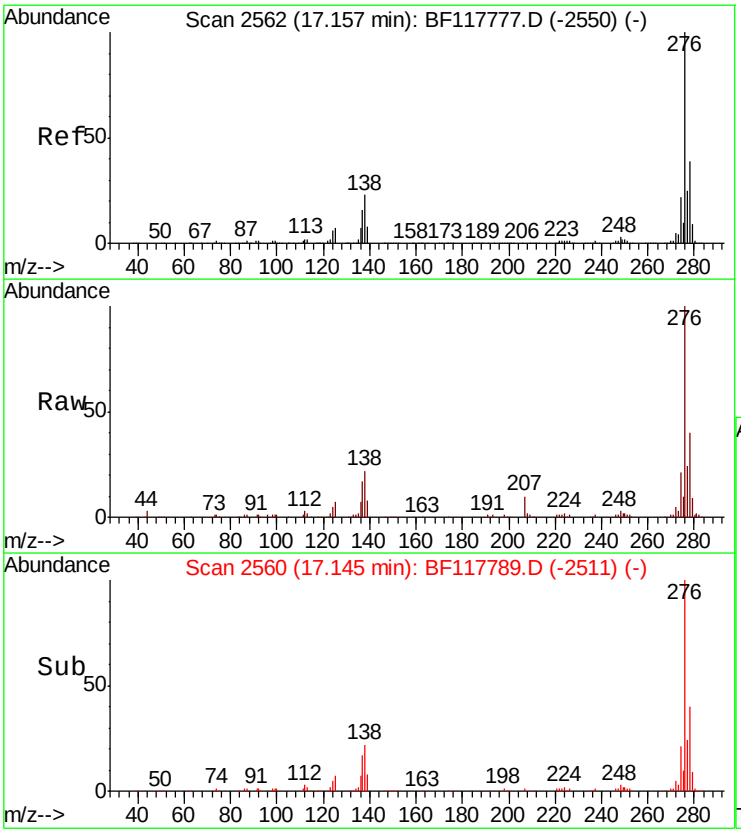
#85
Di-n-octyl phthalate
Concen: 7.004 ng
RT: 14.70 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tgt Ion:149 Resp: 332900

Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	8.9	7.4	11.2

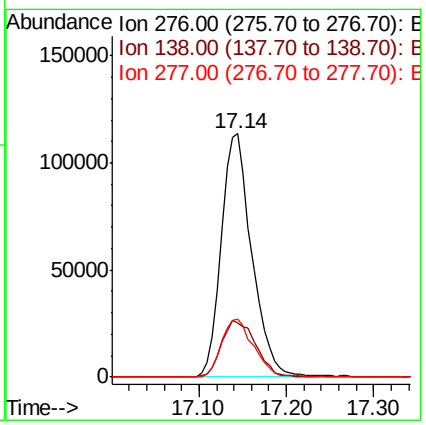


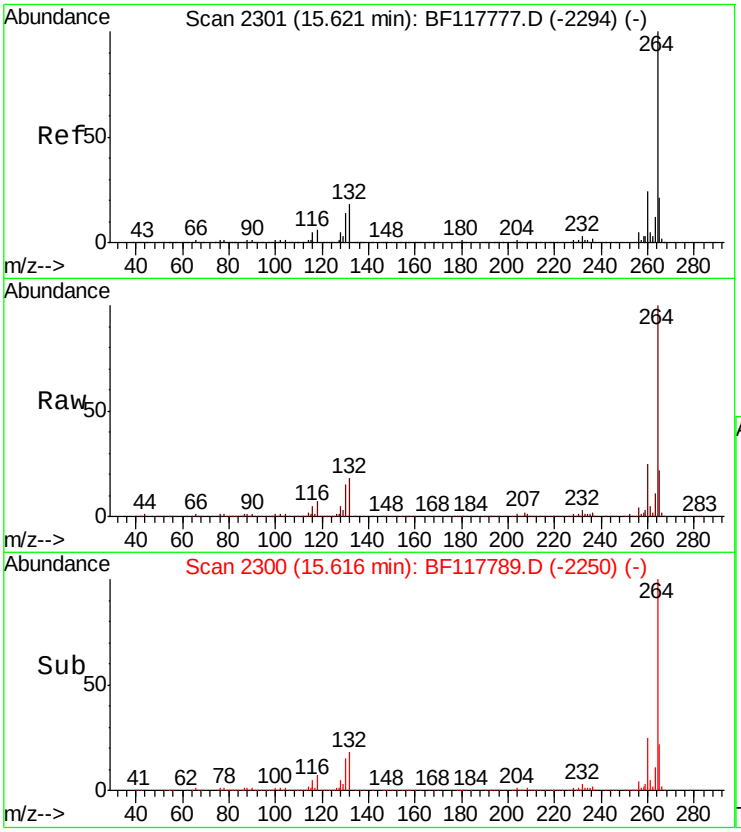


#86
Indeno(1,2,3-cd)pyrene
Concen: 6.489 ng
RT: 17.14 min Scan# 2560
Delta R.T. -0.01 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Tgt Ion:276 Resp: 271908

Ion	Ratio	Lower	Upper
276	100		
138	26.4	20.9	31.3
277	25.1	20.3	30.5



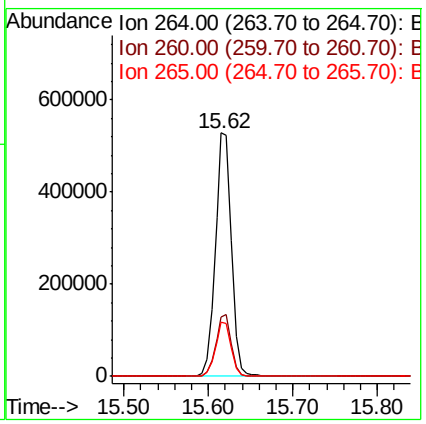


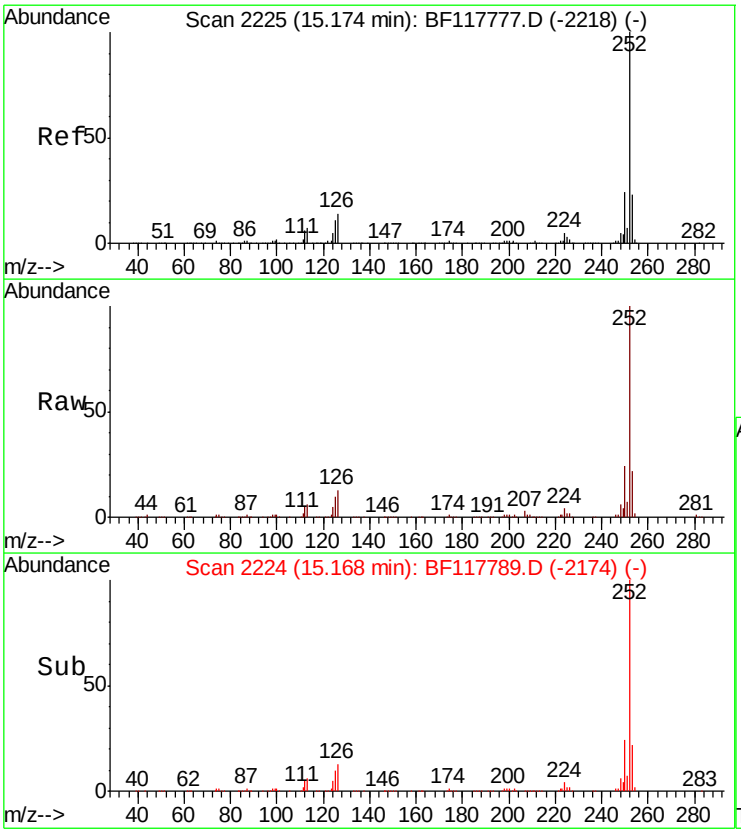
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.62 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tgt Ion:264 Resp: 710656

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.0
265	22.2	17.1	25.7

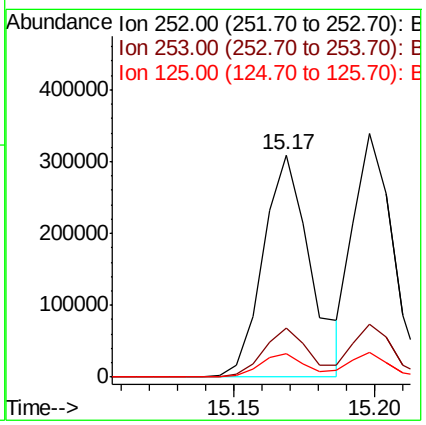


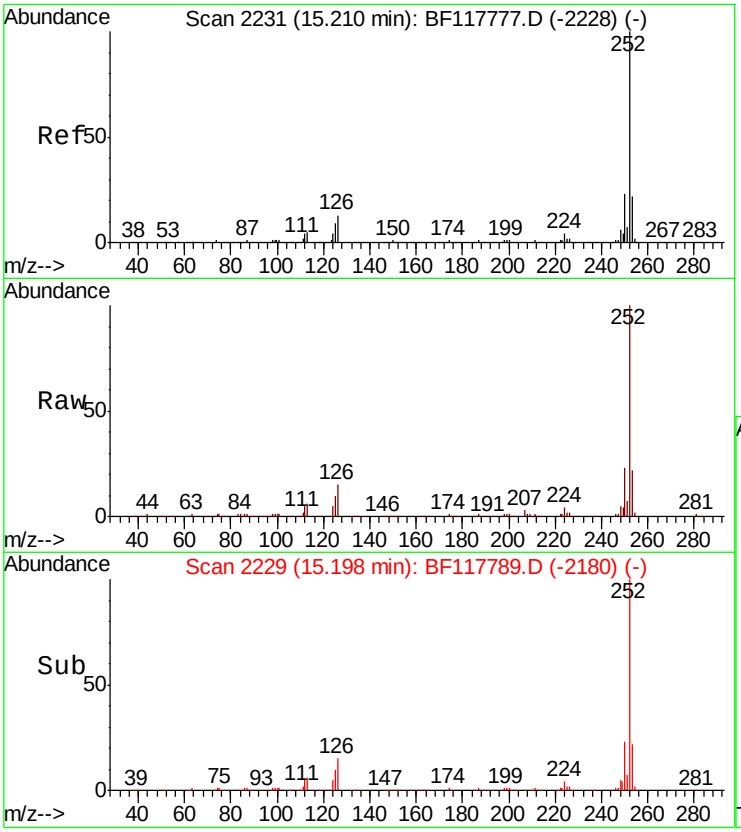


#88
Benzo(b)fluoranthene
Concen: 7.816 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Tgt Ion:252 Resp: 360895

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	10.4	8.6	13.0



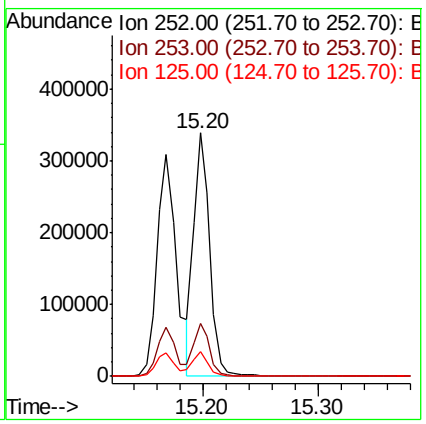


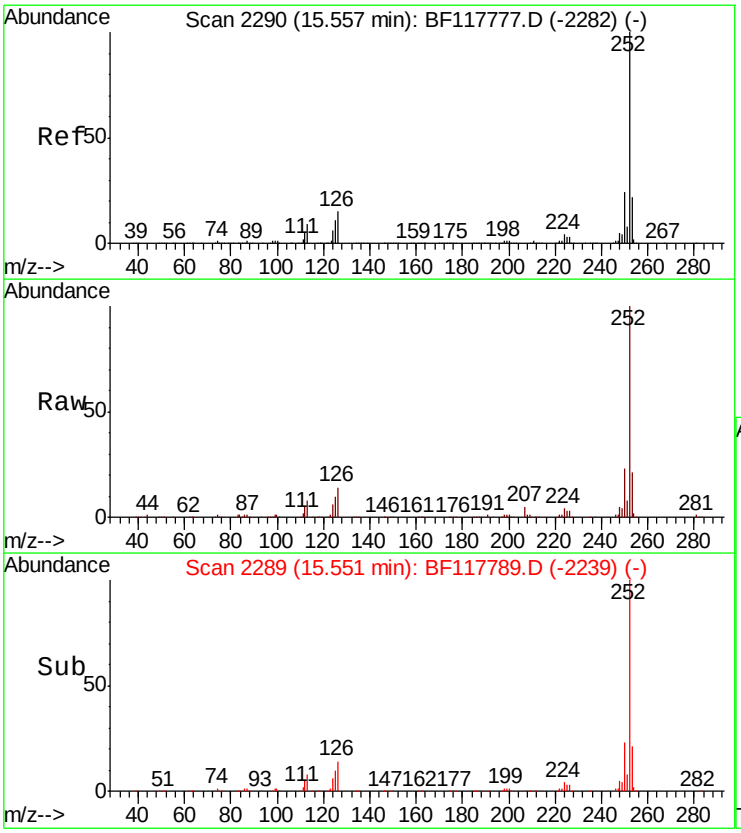
#89
Benzo(k)fluoranthene
Concen: 7.550 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tgt Ion:252 Resp: 328465

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	10.1	7.9	11.9

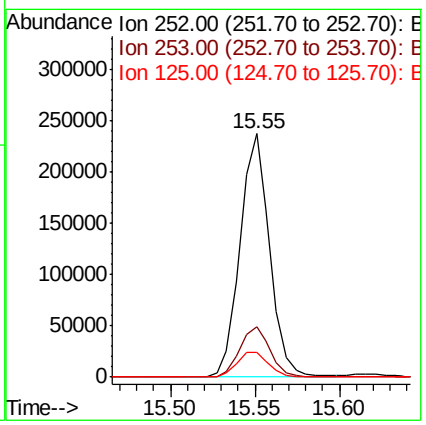


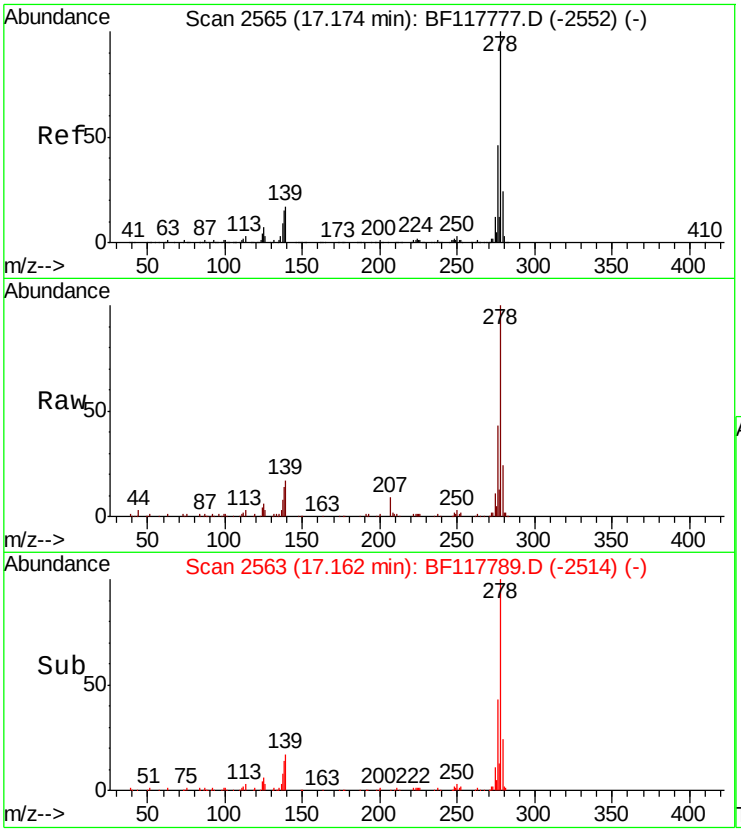


#90
Benzo(a)pyrene
Concen: 7.123 ng
RT: 15.55 min Scan# 2289
Delta R.T. -0.01 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Tgt Ion:252 Resp: 289202

Ion	Ratio	Lower	Upper
252	100		
253	20.8	17.8	26.6
125	10.2	9.2	13.8



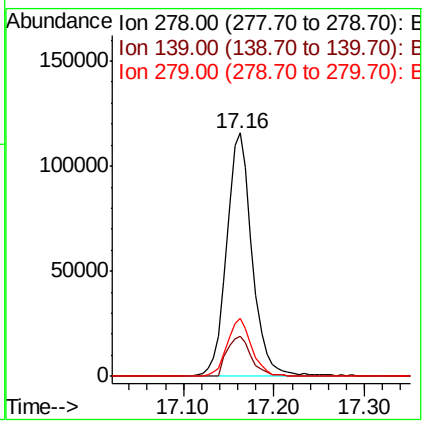


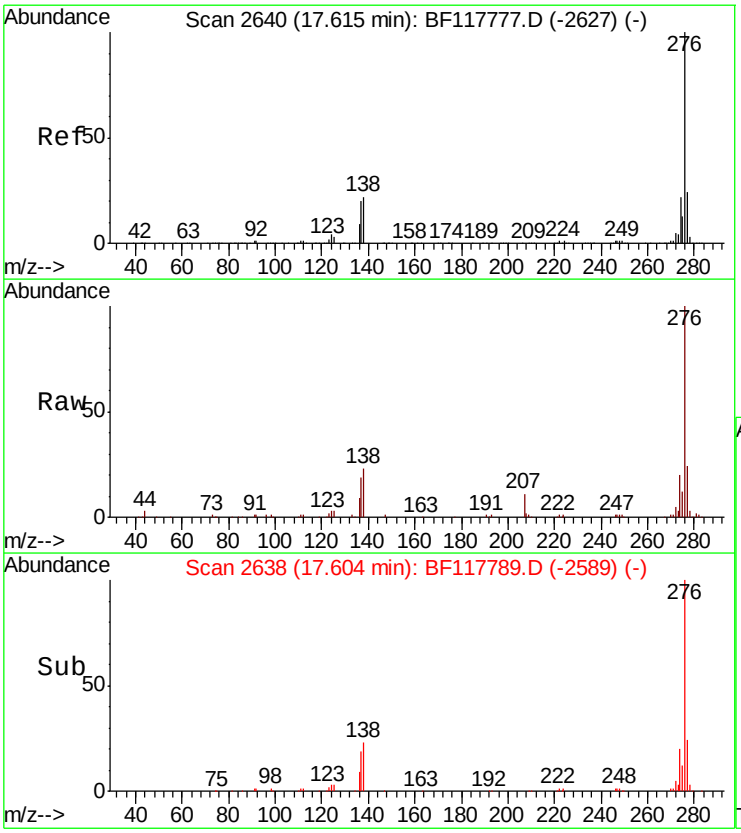
#91
Dibenzo(a,h)anthracene
Concen: 6.506 ng
RT: 17.16 min Scan# 2563
Delta R.T. -0.01 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tgt Ion:278 Resp: 227366

Ion	Ratio	Lower	Upper
278	100		
139	16.7	13.8	20.8
279	23.8	19.6	29.4

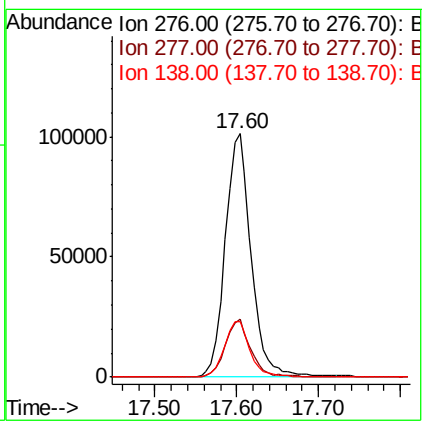




#92
Benzo(g,h,i)perylene
Concen: 6.407 ng
RT: 17.60 min Scan# 2638
Delta R.T. -0.01 min
Lab File: BF117789.D
Acq: 14 Nov 2019 11:34

Tgt Ion:276 Resp: 223010

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.9	28.3
138	23.0	17.4	26.2



Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111419\
Data File : BF117789.D
Acq On : 14 Nov 2019 11:34
Operator : JU
Sample : K5111-07
Misc : LOD-MDL-WTR-8PPM
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT4-2019

Quant Time: Nov 14 12:21:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 14 10:38:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	253627	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	1012794	20.00	ng		0.00
39) Acenaphthene-d10	9.97	164	549299	20.00	ng		0.00
64) Phenanthrene-d10	11.46	188	1035312	20.00	ng		0.00
76) Chrysene-d12	14.11	240	768839	20.00	ng		0.00
87) Perylene-d12	15.62	264	710656	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	1905772	133.01	ng		0.00
7) Phenol-d6	6.55	99	2317815	134.11	ng		0.00
23) Nitrobenzene-d5	7.49	82	1723016	101.13	ng		0.00
42) 2,4,6-Tribromophenol	10.76	330	765233	131.59	ng		0.00
45) 2-Fluorobiphenyl	9.29	172	3059186	99.91	ng		0.00
79) Terphenyl-d14	13.06	244	3497620	83.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	50737	7.575	ng		99
3) Pyridine	3.53	79	115112	6.552	ng		97
4) n-Nitrosodimethylamine	3.42	42	58422	7.618	ng		99
6) Aniline	6.59	93	193377	8.467	ng		100
8) 2-Chlorophenol	6.70	128	130237	8.377	ng		93
9) Benzaldehyde	6.47	77	109704	10.162	ng		97
10) Phenol	6.56	94	147912	8.236	ng		95
11) bis(2-Chloroethyl)ether	6.66	93	122997	8.529	ng		97
12) 1,3-Dichlorobenzene	6.86	146	149616	8.174	ng		98
13) 1,4-Dichlorobenzene	6.94	146	154653	8.359	ng		97
14) 1,2-Dichlorobenzene	7.10	146	145777	8.238	ng		97
15) Benzyl Alcohol	7.06	79	92994	6.970	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.20	45	175837	7.919	ng		99
17) 2-Methylphenol	7.16	107	108105	8.211	ng		99
18) Hexachloroethane	7.44	117	52421	7.713	ng		93
19) n-Nitroso-di-n-propylamine	7.33	70	95502	8.957	ng		100
20) 3+4-Methylphenols	7.32	107	141127	8.635	ng		98
22) Acetophenone	7.33	105	193203	8.491	ng	#	96
24) Nitrobenzene	7.50	77	146589	8.340	ng		99
25) Isophorone	7.74	82	254965	8.165	ng		98
26) 2-Nitrophenol	7.82	139	64639	7.556	ng		98
27) 2,4-Dimethylphenol	7.85	122	116019	8.728	ng		99
28) bis(2-Chloroethoxy)methane	7.95	93	155487	7.847	ng		98
29) 2,4-Dichlorophenol	8.06	162	112786	7.822	ng		98
30) 1,2,4-Trichlorobenzene	8.15	180	129654	7.752	ng		98
31) Naphthalene	8.23	128	419291	8.880	ng		98
32) Benzoic acid	7.90	122	44311	3.981	ng		97
33) 4-Chloroaniline	8.27	127	166451	7.875	ng		98
34) Hexachlorobutadiene	8.35	225	73293	7.495	ng		98
35) Caprolactam	8.61	113	34135	7.449	ng		95
36) 4-Chloro-3-methylphenol	8.75	107	115618	7.901	ng		99
37) 2-Methylnaphthalene	8.92	142	283588	8.889	ng		98
38) 1-Methylnaphthalene	9.02	142	266676	8.842	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.09	216	123051	7.714	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111419\
Data File : BF117789.D
Acq On : 14 Nov 2019 11:34
Operator : JU
Sample : K5111-07
Misc : LOD-MDL-WTR-8PPM
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT4-2019

Quant Time: Nov 14 12:21:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 14 10:38:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.08	237	68084	7.616	ng		97
43) 2,4,6-Trichlorophenol	9.20	196	80043	7.005	ng		98
44) 2,4,5-Trichlorophenol	9.23	196	89391	7.535	ng		99
46) 1,1'-Biphenyl	9.39	154	350484	8.600	ng		98
47) 2-Chloronaphthalene	9.42	162	262510	7.830	ng		97
48) 2-Nitroaniline	9.50	65	69227	6.840	ng		94
49) Acenaphthylene	9.83	152	422573	8.645	ng		97
50) Dimethylphthalate	9.68	163	304360	7.902	ng		99
51) 2,6-Dinitrotoluene	9.75	165	63263	7.515	ng		87
52) Acenaphthene	10.00	154	255659	8.165	ng		99
53) 3-Nitroaniline	9.91	138	70110	6.960	ng		99
54) 2,4-Dinitrophenol	10.02	184	18933	5.066	ng	#	29
55) Dibenzofuran	10.17	168	377564	8.708	ng		97
56) 4-Nitrophenol	10.06	139	54253	7.215	ng		95
57) 2,4-Dinitrotoluene	10.15	165	80080	7.478	ng		99
58) Fluorene	10.52	166	286648	8.531	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.29	232	71112	7.295	ng		97
60) Diethylphthalate	10.39	149	297441	7.920	ng		98
61) 4-Chlorophenyl-phenylether	10.51	204	145286	8.520	ng		99
62) 4-Nitroaniline	10.52	138	68383	6.780	ng		96
63) Azobenzene	10.67	77	281349	8.235	ng		97
65) 4,6-Dinitro-2-methylphenol	10.56	198	30009	6.209	ng		93
66) n-Nitrosodiphenylamine	10.63	169	251229	8.338	ng		99
67) 4-Bromophenyl-phenylether	11.00	248	86689	7.760	ng		95
68) Hexachlorobenzene	11.07	284	102005	7.831	ng		97
69) Atrazine	11.15	200	72552	7.320	ng		95
70) Pentachlorophenol	11.26	266	51229	6.732	ng		99
71) Phenanthrene	11.49	178	447781	8.603	ng		97
72) Anthracene	11.54	178	464360	8.998	ng		96
73) Carbazole	11.69	167	394419	8.746	ng		97
74) Di-n-butylphthalate	12.02	149	452507	8.059	ng		98
75) Fluoranthene	12.68	202	453716	9.010	ng		98
77) Benzidine	12.80	184	200066	7.944	ng	#	94
78) Pyrene	12.91	202	462759	7.448	ng		98
80) Butylbenzylphthalate	13.53	149	170094	6.374	ng		97
81) Benzo(a)anthracene	14.10	228	396130	7.797	ng		98
82) 3,3'-Dichlorobenzidine	14.06	252	138585	7.798	ng		98
83) Chrysene	14.13	228	389272	7.907	ng		98
84) Bis(2-ethylhexyl)phthalate	14.09	149	231380	7.152	ng	#	98
85) Di-n-octyl phthalate	14.70	149	332900	7.004	ng		99
86) Indeno(1,2,3-cd)pyrene	17.14	276	271908	6.489	ng		99
88) Benzo(b)fluoranthene	15.17	252	360895	7.816	ng		99
89) Benzo(k)fluoranthene	15.20	252	328465	7.550	ng		100
90) Benzo(a)pyrene	15.55	252	289202	7.123	ng		97
91) Dibenzo(a,h)anthracene	17.16	278	227366	6.506	ng		99
92) Benzo(g,h,i)perylene	17.60	276	223010	6.407	ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed