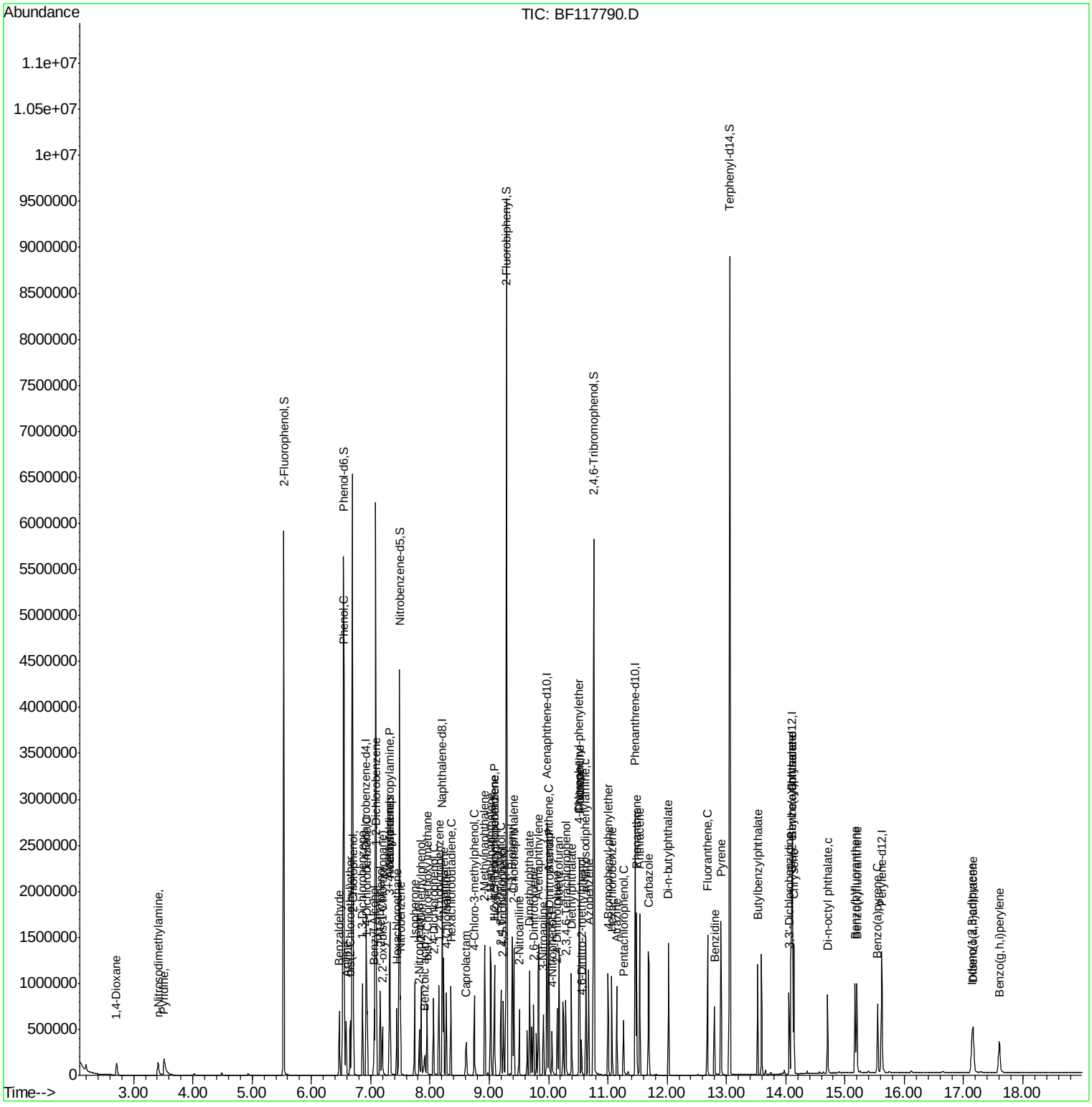
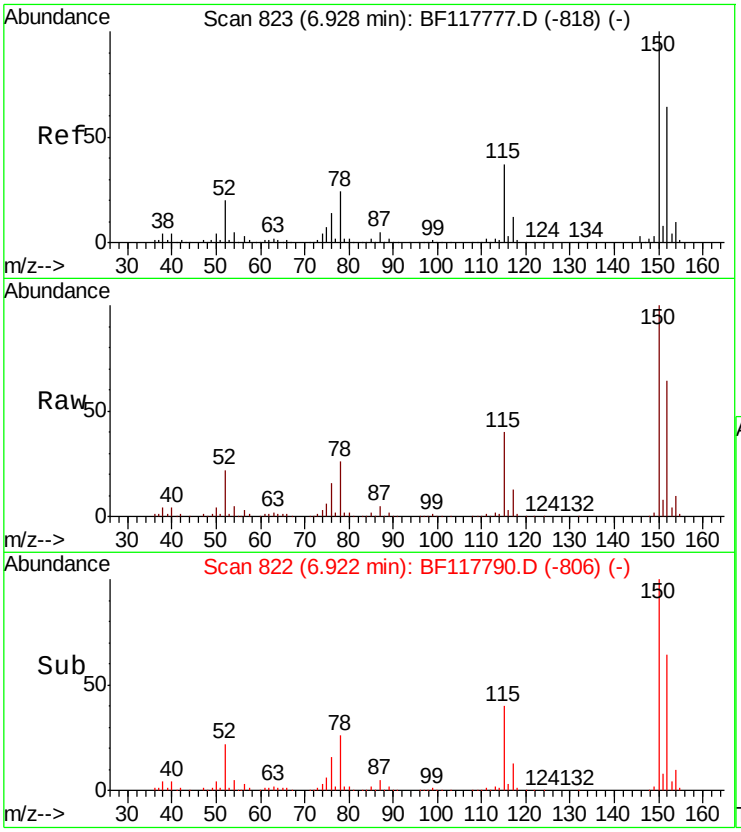
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111419\
Data File : BF117790.D
Acq On : 14 Nov 2019 12:01
Operator : JU
Sample : K5111-08
Misc : LOQ-WTR-10PPM
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2019

Quant Time: Nov 14 13:28:52 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



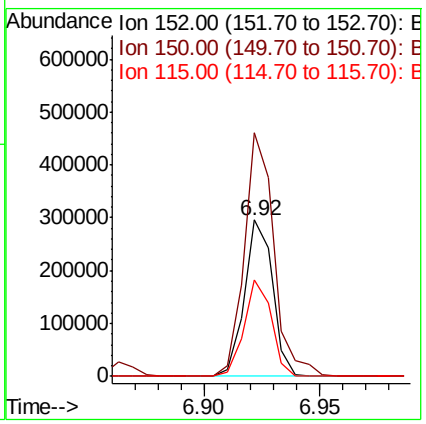


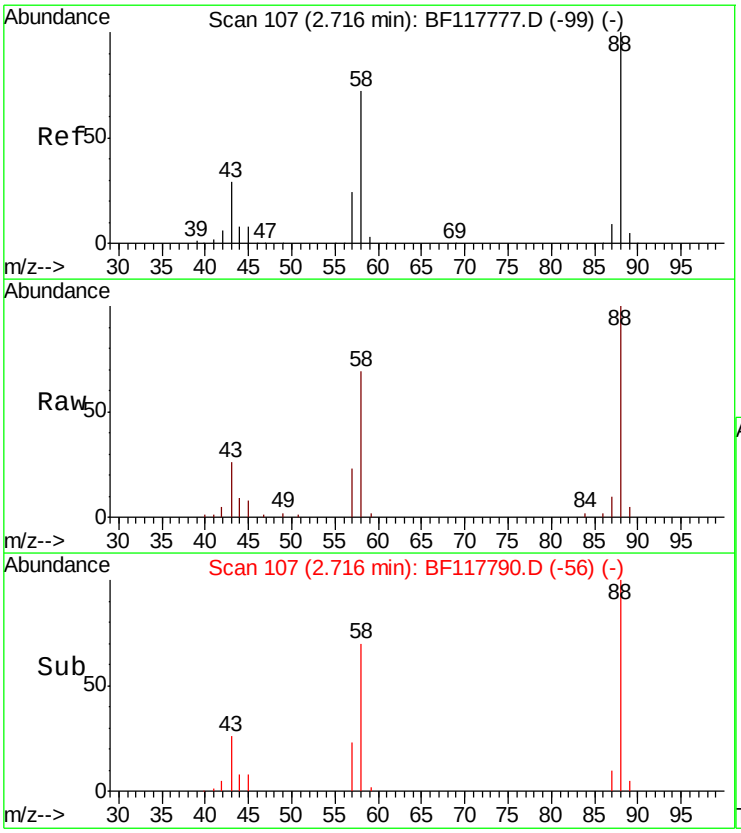
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tgt Ion:152 Resp: 251902

Ion	Ratio	Lower	Upper
152	100		
150	155.8	125.3	187.9
115	61.9	47.0	70.4

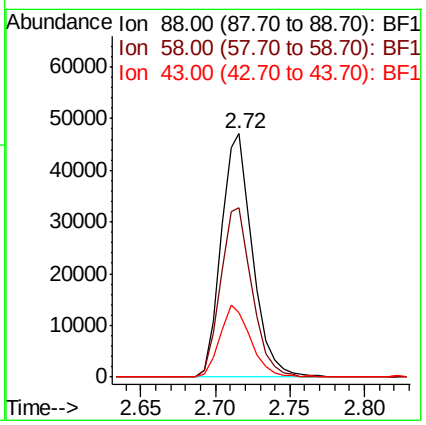


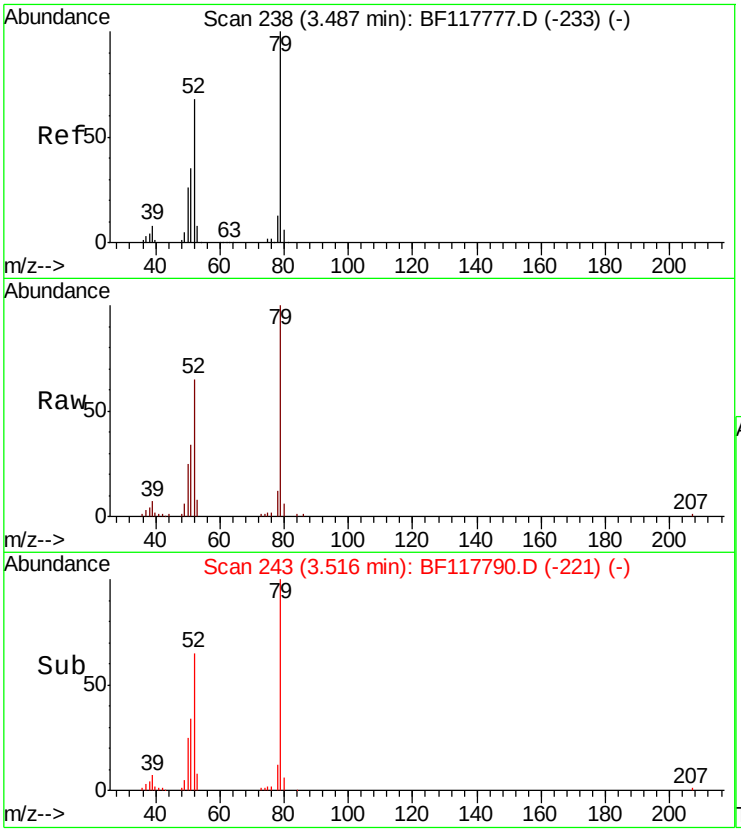


#2
1,4-Dioxane
Concen: 10.408 ng
RT: 2.72 min Scan# 107
Delta R.T. -0.00 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Tgt Ion: 88 Resp: 69232

Ion	Ratio	Lower	Upper
88	100		
58	70.0	58.2	87.2
43	29.1	23.3	34.9



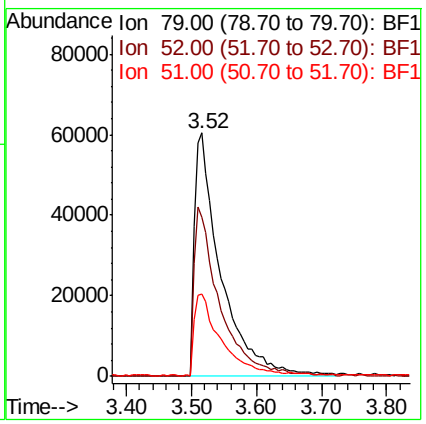


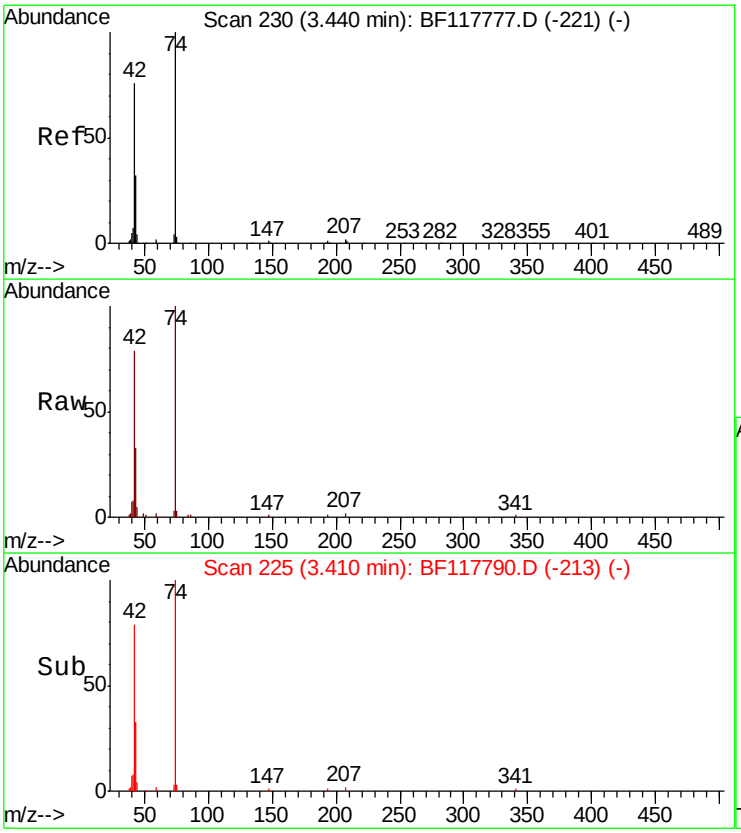
#3
Pyridine
Concen: 9.703 ng
RT: 3.52 min Scan# 243
Delta R.T. 0.03 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tgt Ion: 79 Resp: 169309

Ion	Ratio	Lower	Upper
79	100		
52	65.4	54.8	82.2
51	33.8	28.2	42.4

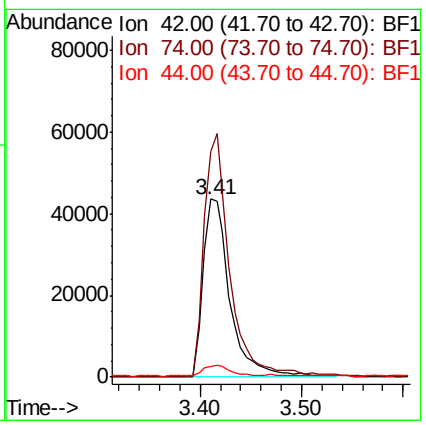


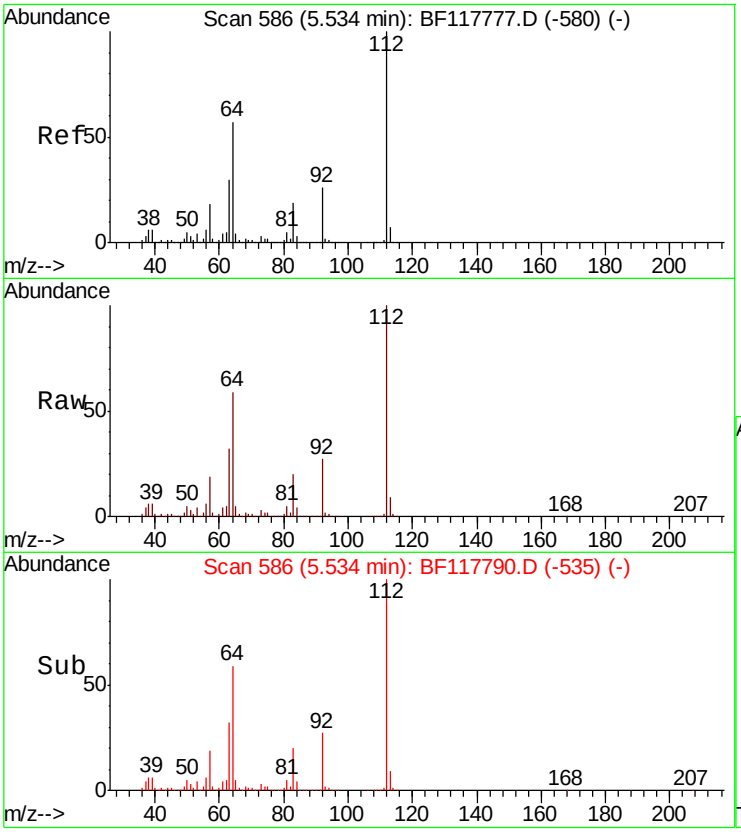


#4
n-Nitrosodimethylamine
Concen: 10.549 ng
RT: 3.41 min Scan# 225
Delta R.T. -0.03 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Tgt Ion: 42 Resp: 80351

Ion	Ratio	Lower	Upper
42	100		
74	126.5	105.1	157.7
44	6.2	4.6	7.0



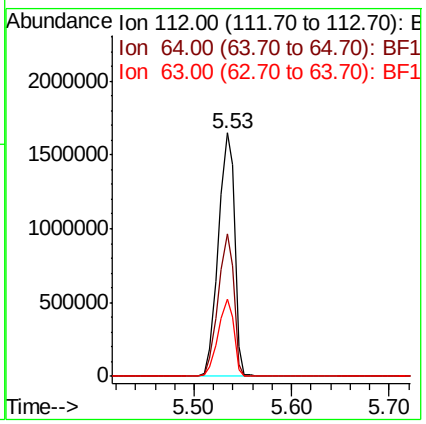


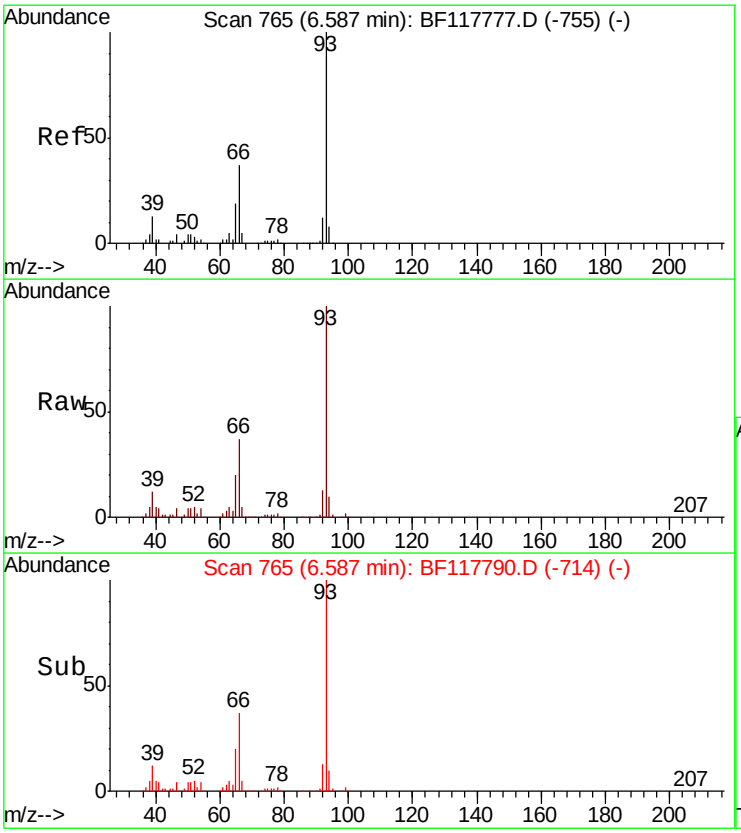
#5
2-Fluorophenol
Concen: 134.353 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.00 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tgt Ion:112 Resp: 1911961

Ion	Ratio	Lower	Upper
112	100		
64	58.7	45.6	68.4
63	31.7	24.1	36.1

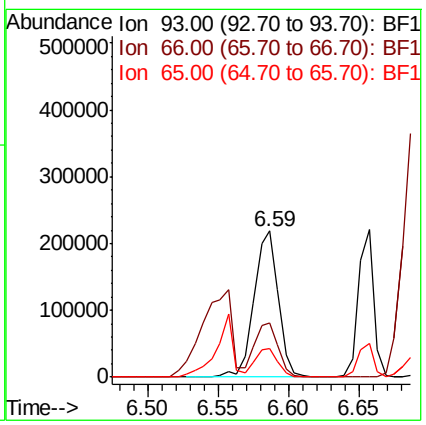


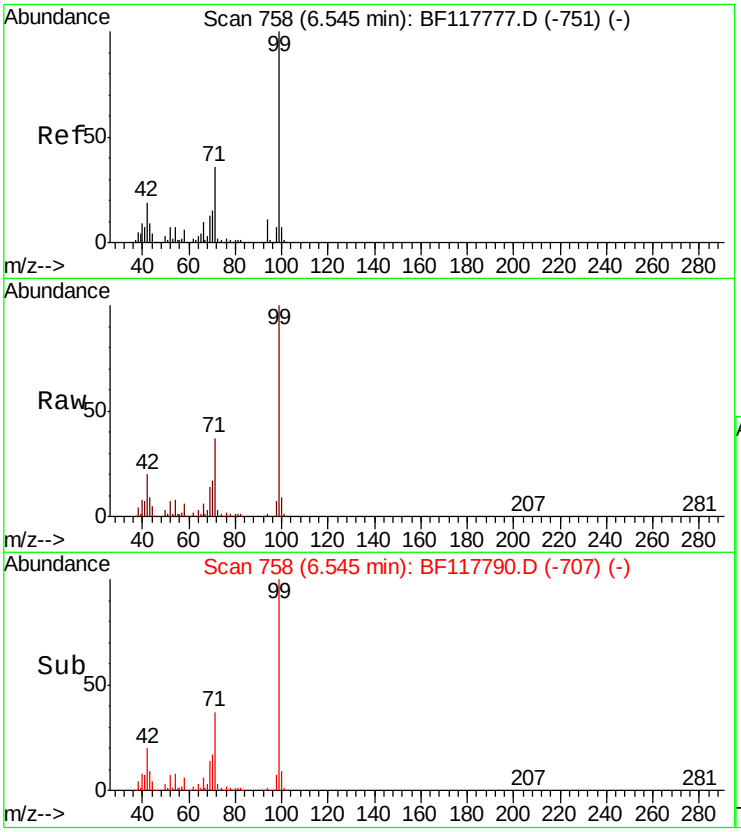


#6
Aniline
Concen: 11.668 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.00 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Tgt Ion: 93 Resp: 264660

Ion	Ratio	Lower	Upper
93	100		
66	37.4	30.6	45.8
65	19.7	15.6	23.4



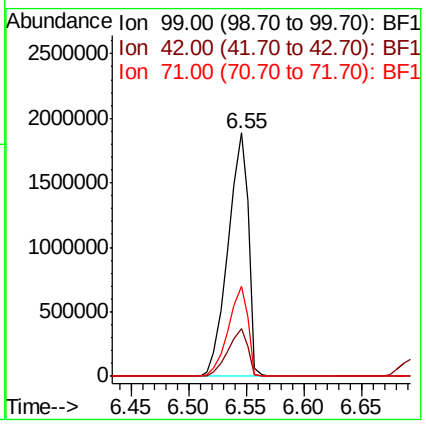


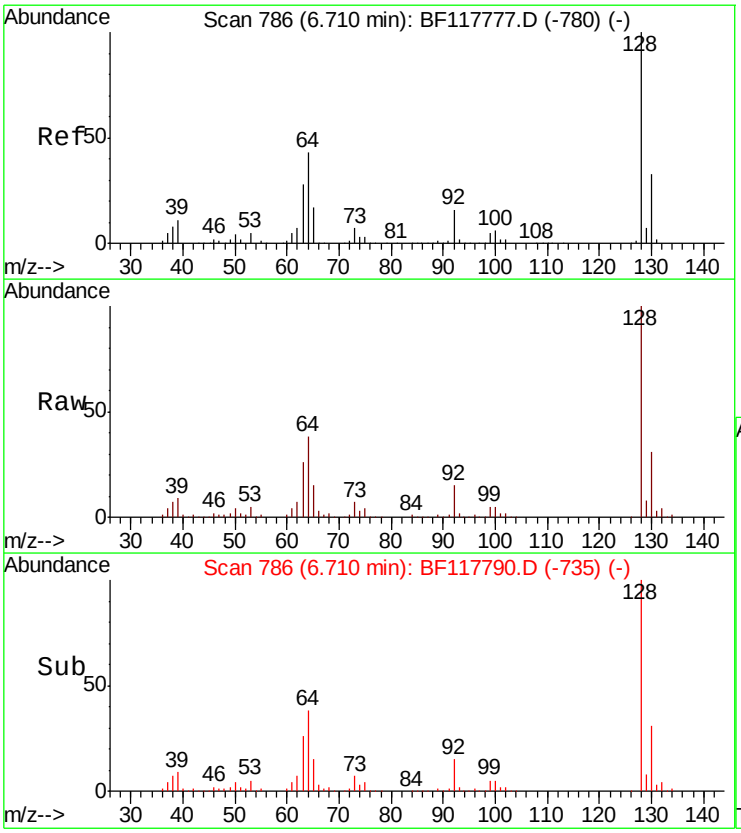
#7
Phenol-d6
Concen: 134.046 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tgt Ion: 99 Resp: 2300866

Ion	Ratio	Lower	Upper
99	100		
42	19.8	14.9	22.3
71	37.2	28.6	43.0

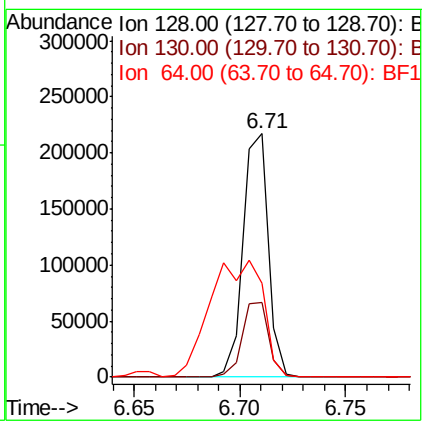


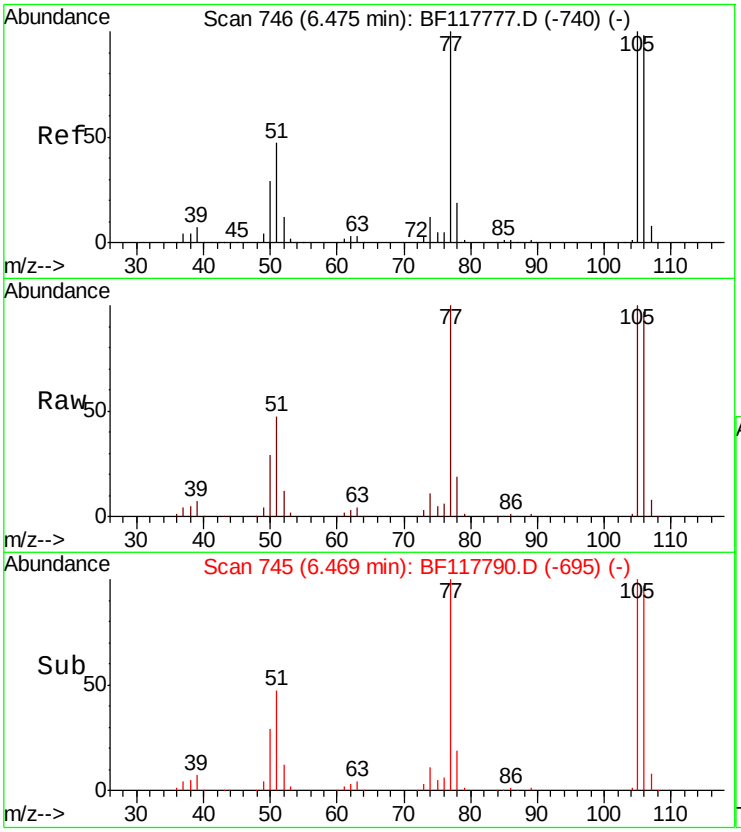


#8
2-Chlorophenol
Concen: 11.691 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Tgt Ion:128 Resp: 180531

Ion	Ratio	Lower	Upper
128	100		
130	30.8	13.2	53.2
64	38.4	23.7	63.7



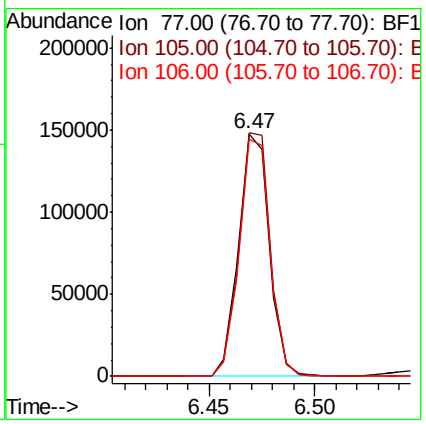


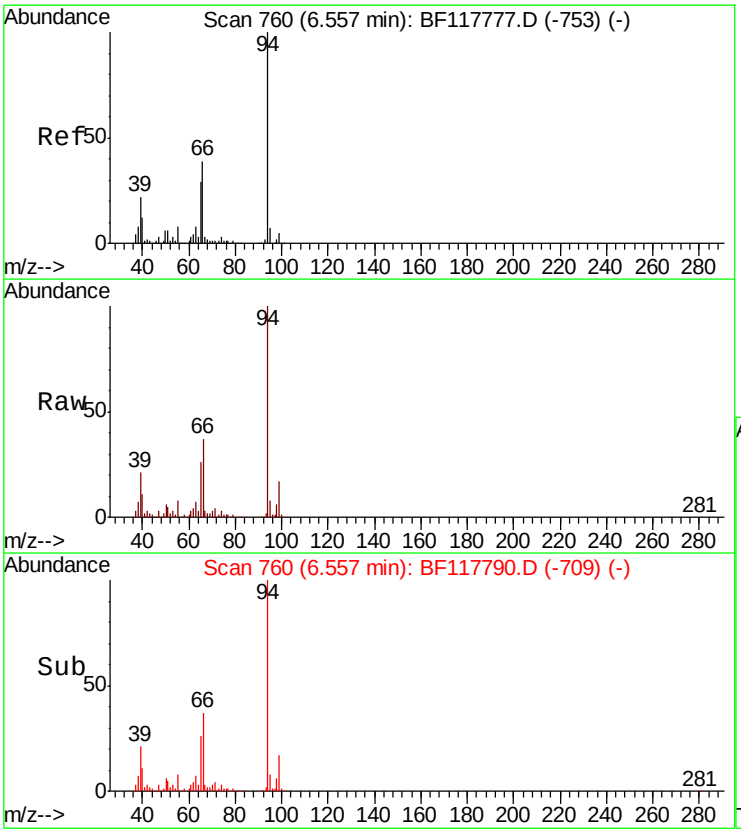
#9
Benzaldehyde
Concen: 13.839 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tgt Ion: 77 Resp: 148385

Ion	Ratio	Lower	Upper
77	100		
105	100.4	80.2	120.2
106	97.8	78.4	118.4

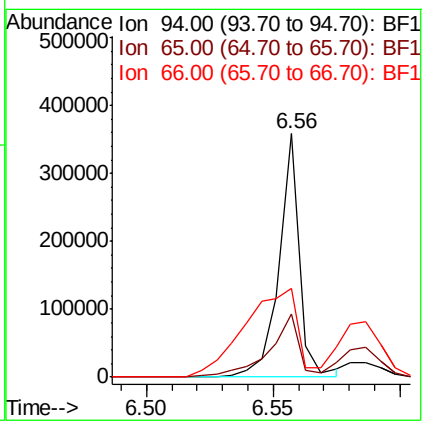


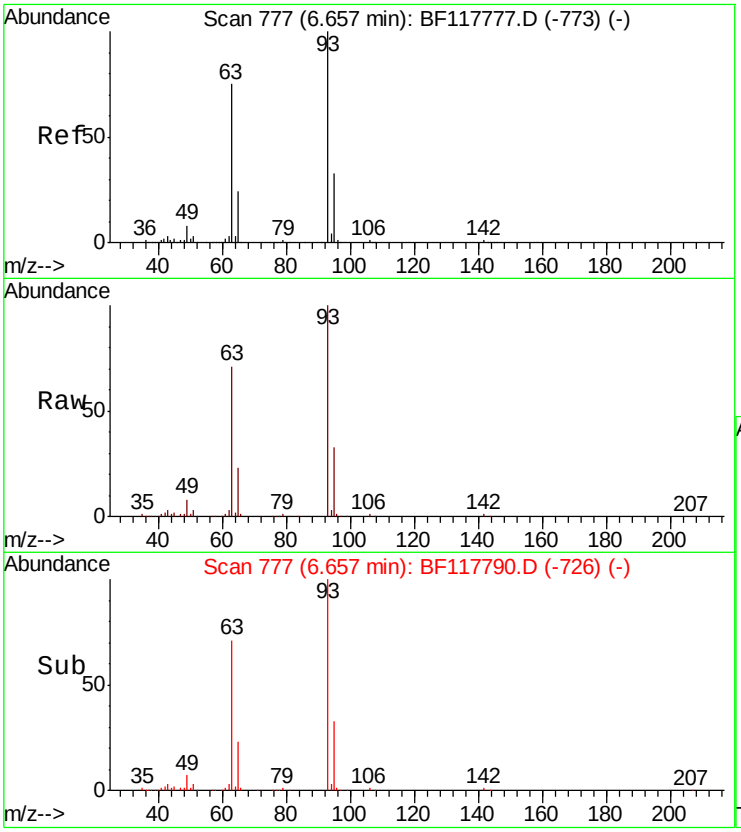


#10
Phenol
Concen: 11.509 ng
RT: 6.56 min Scan# 760
Delta R.T. -0.00 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Tgt Ion: 94 Resp: 205291

Ion	Ratio	Lower	Upper
94	100		
65	26.2	8.9	48.9
66	36.5	18.7	58.7



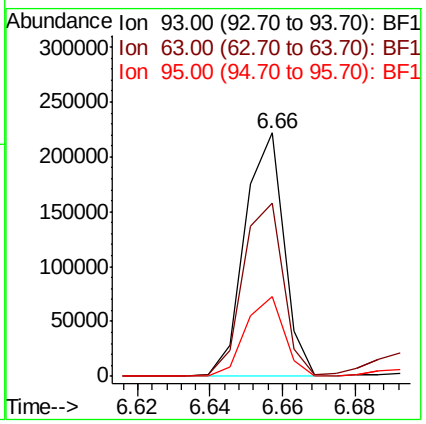


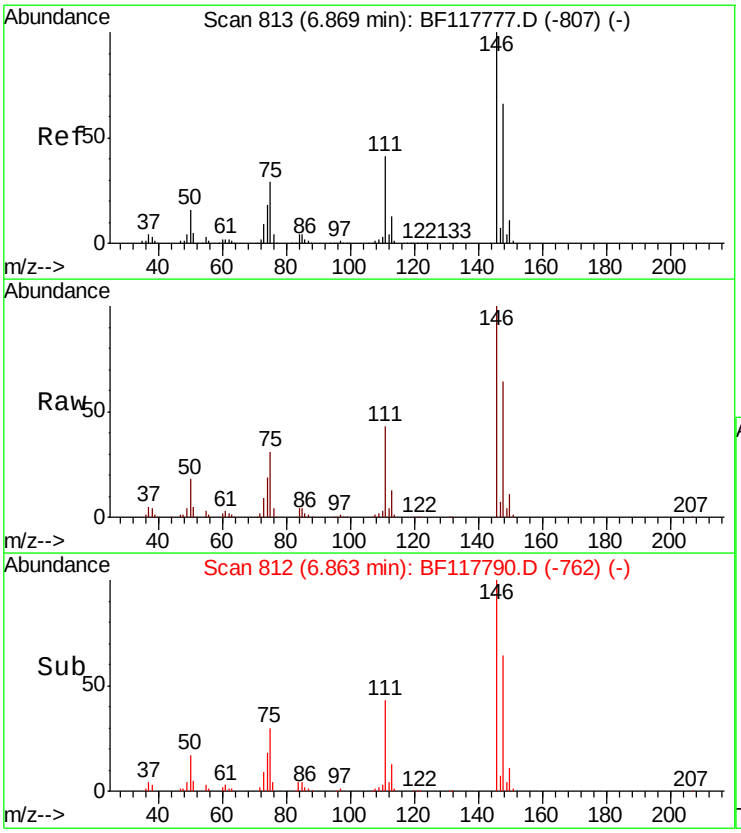
#11
bis(2-Chloroethyl)ether
Concen: 11.614 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tgt Ion: 93 Resp: 166360

Ion	Ratio	Lower	Upper
93	100		
63	71.1	54.8	94.8
95	32.9	12.7	52.7

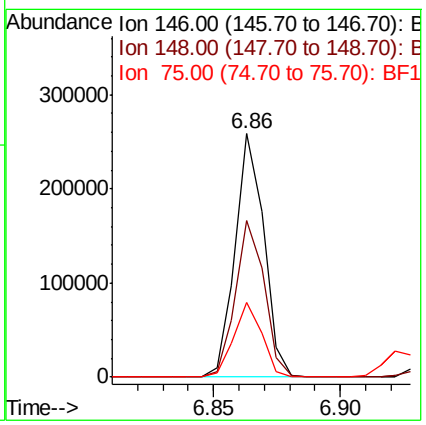


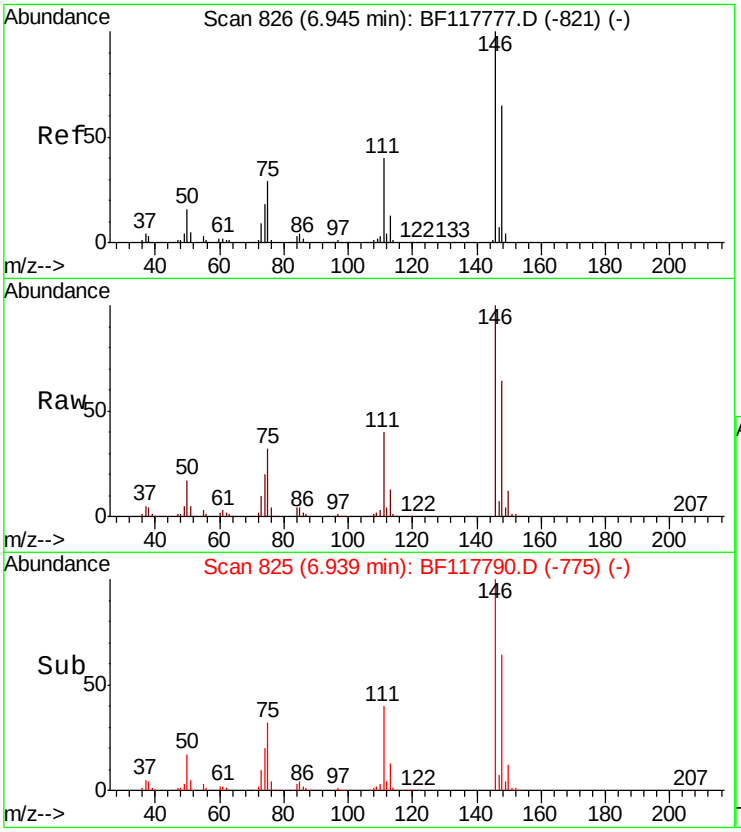


#12
1,3-Dichlorobenzene
Concen: 11.172 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Tgt Ion:146 Resp: 203108

Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.8	79.2
75	30.6	23.4	35.0



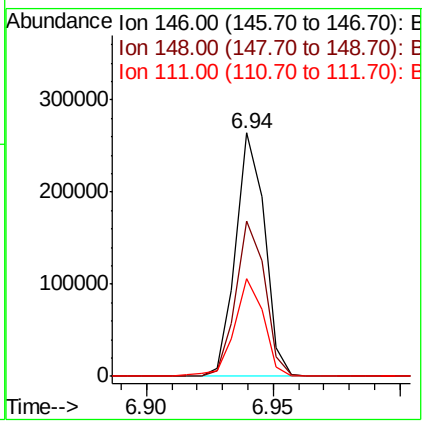


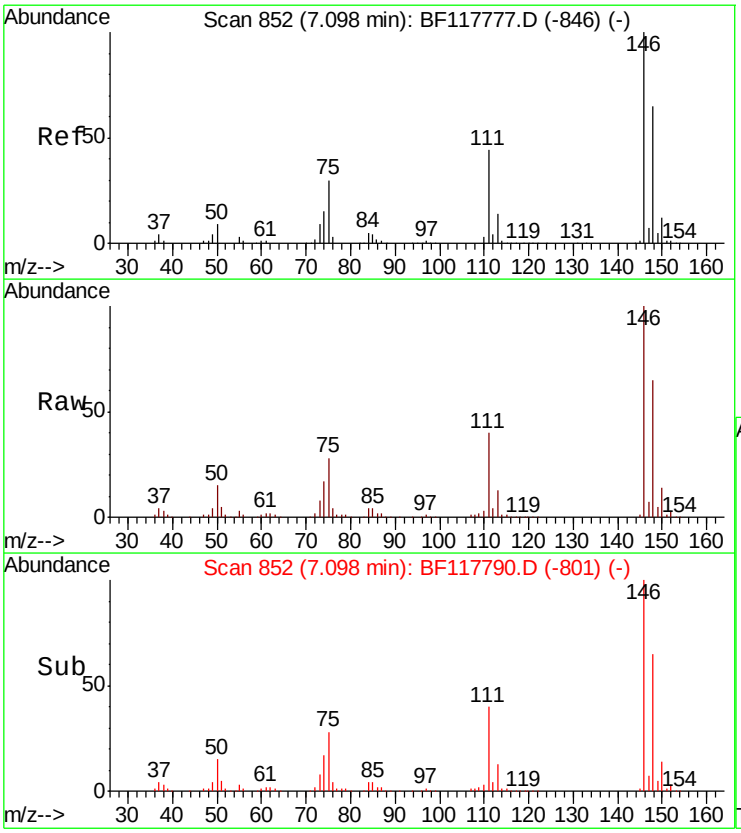
#13
1,4-Dichlorobenzene
Concen: 11.402 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tgt Ion:146 Resp: 209519

Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.3	78.5
111	40.1	32.2	48.4

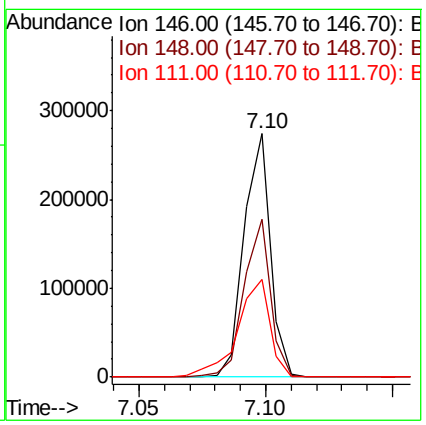


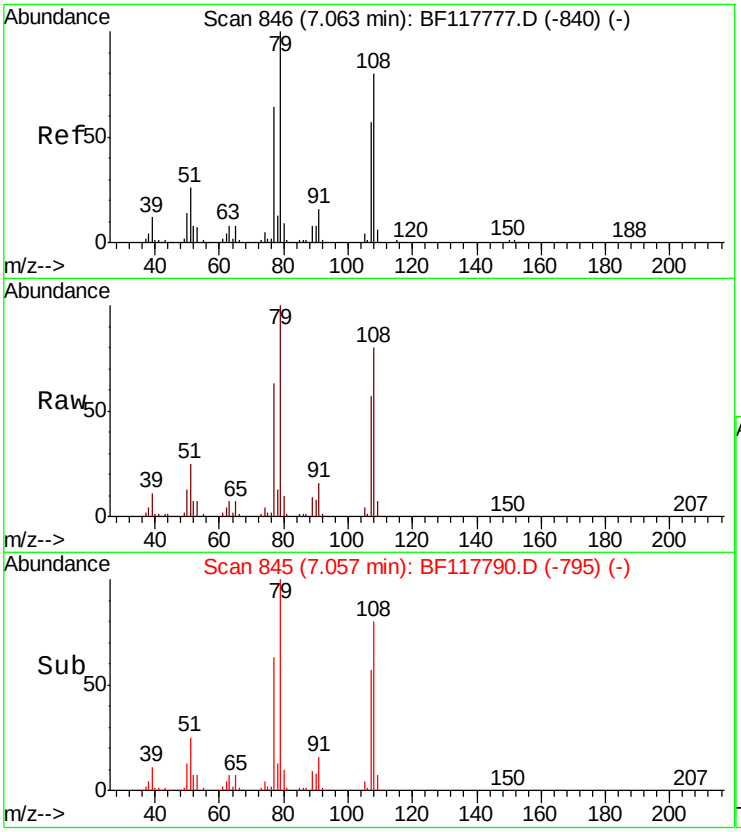


#14
1,2-Dichlorobenzene
Concen: 11.229 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Tgt Ion:146 Resp: 197338

Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.8	77.8
111	40.2	35.0	52.6



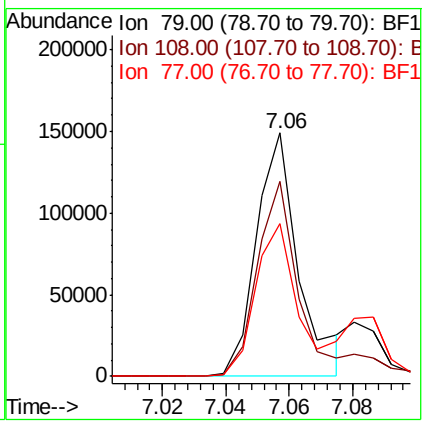


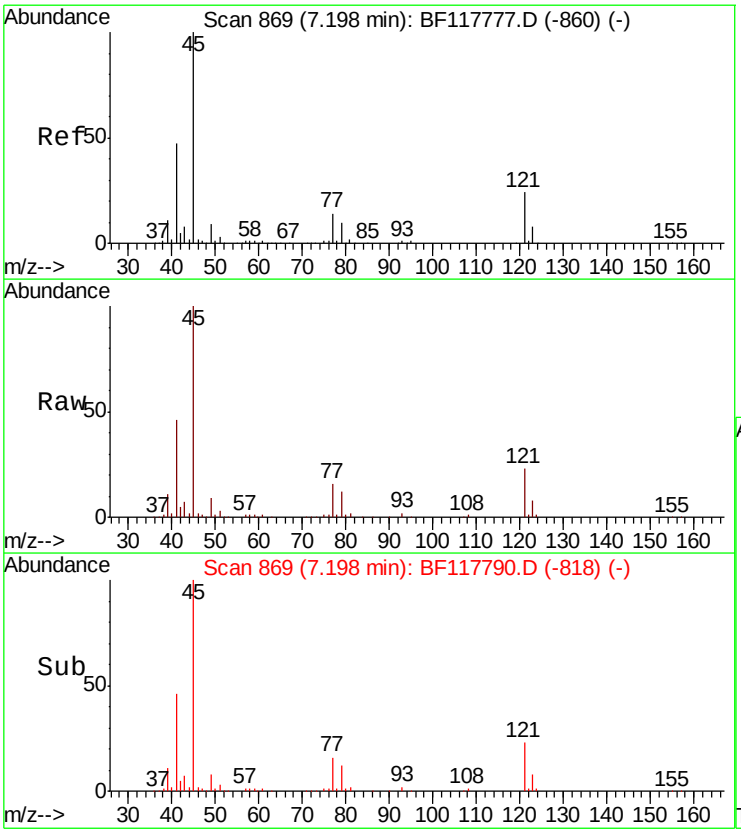
#15
Benzyl Alcohol
Concen: 10.472 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tgt Ion: 79 Resp: 138770

Ion	Ratio	Lower	Upper
79	100		
108	80.0	64.1	96.1
77	62.8	51.3	76.9

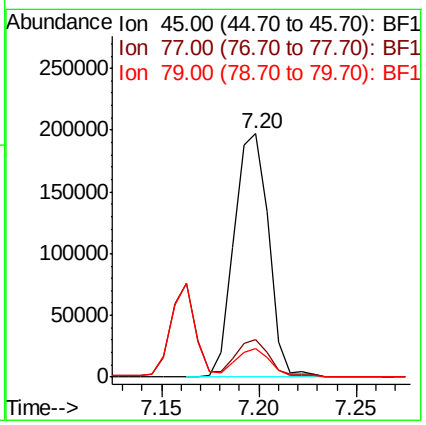


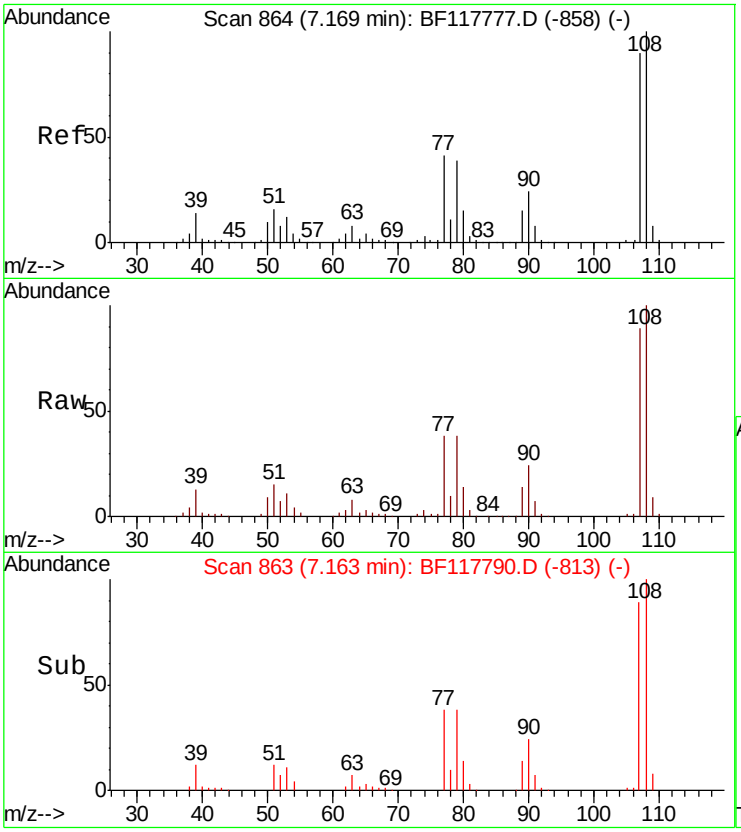


#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.954 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.00 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Tgt Ion: 45 Resp: 241561

Ion	Ratio	Lower	Upper
45	100		
77	15.5	0.0	35.0
79	11.7	0.0	31.1



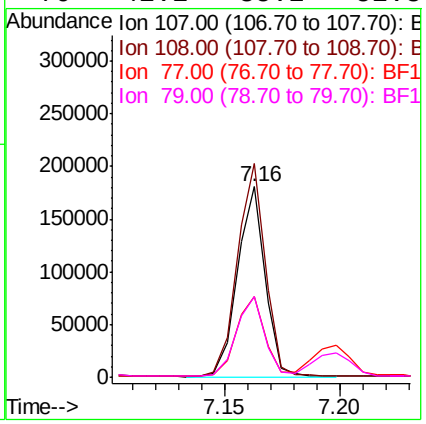


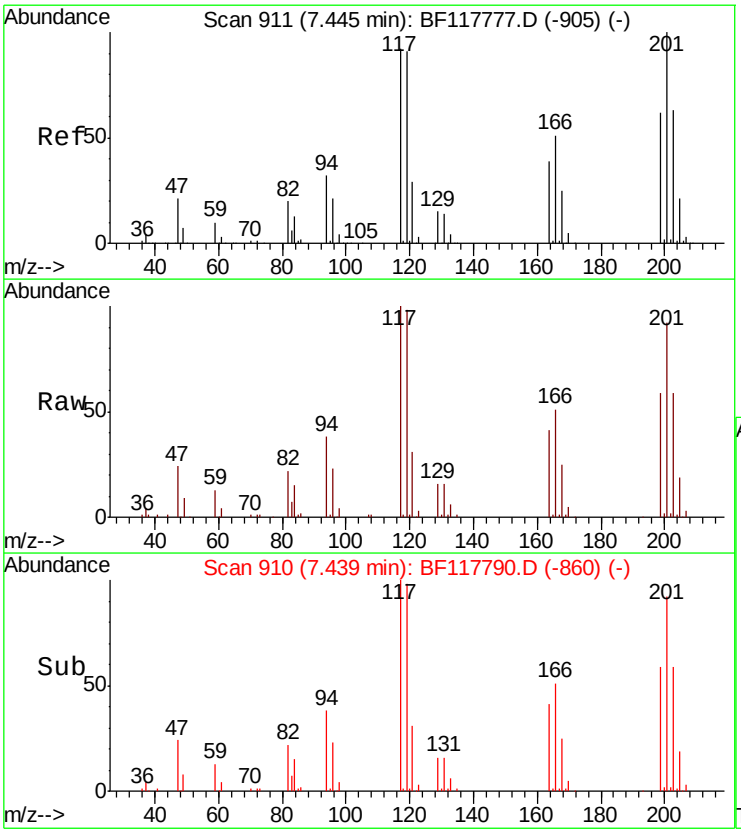
#17
2-Methylphenol
Concen: 11.466 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tgt Ion:107 Resp: 149943

Ion	Ratio	Lower	Upper
107	100		
108	112.3	89.1	133.7
77	42.3	36.6	54.8
79	42.2	35.2	52.8

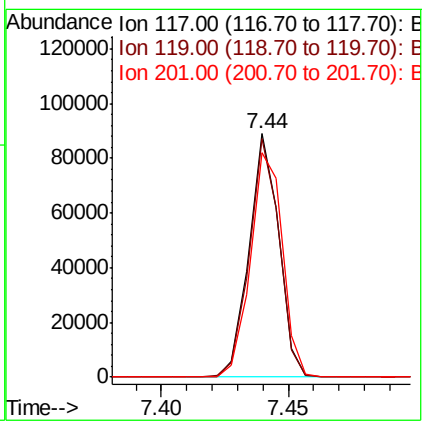


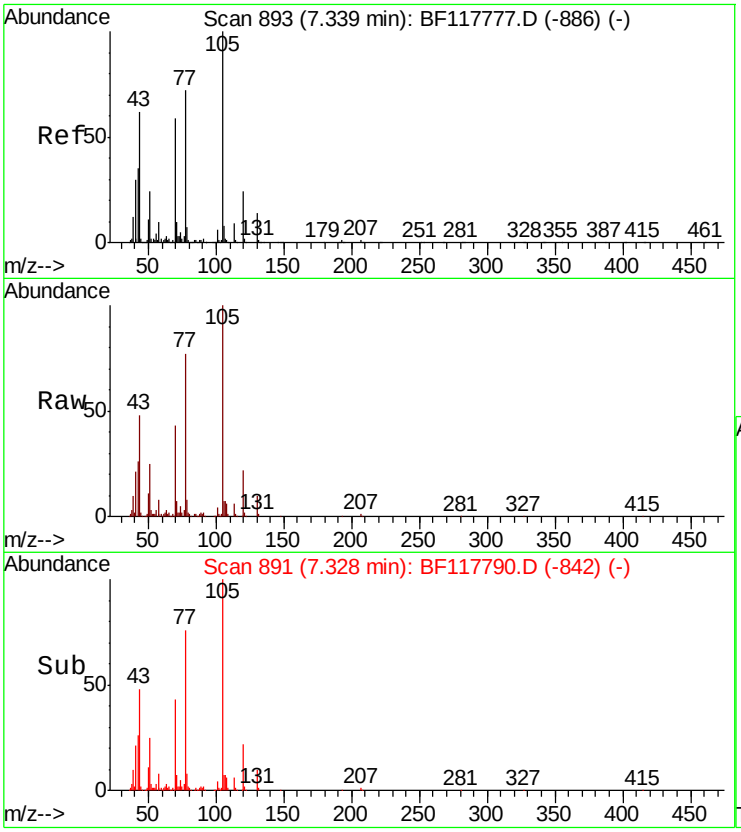


#18
Hexachloroethane
Concen: 10.803 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Tgt Ion:117 Resp: 72924

Ion	Ratio	Lower	Upper
117	100		
119	97.7	78.7	118.1
201	91.9	86.5	129.7



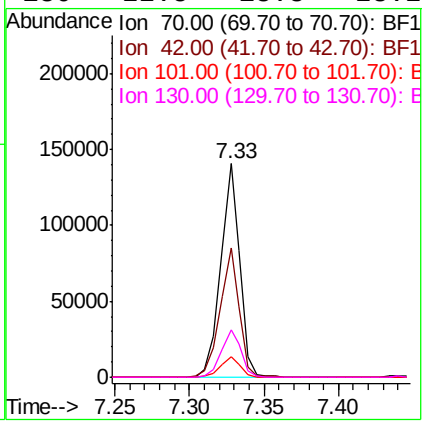


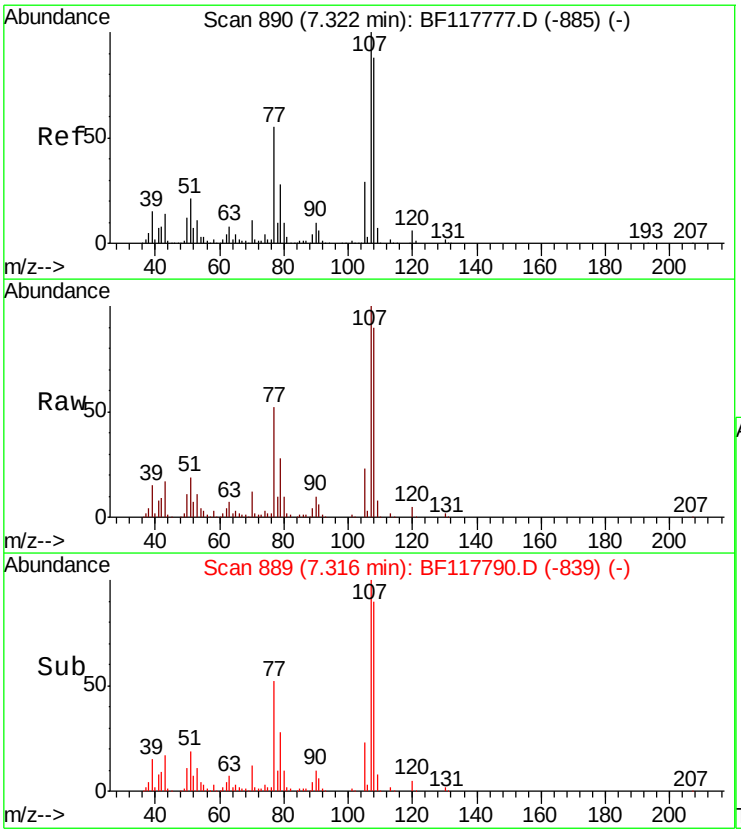
#19
n-Nitroso-di-n-propylamine
Concen: 12.001 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tgt Ion: 70 Resp: 127082

Ion	Ratio	Lower	Upper
70	100		
42	60.7	47.4	71.2
101	9.7	8.4	12.6
130	22.5	18.8	28.2

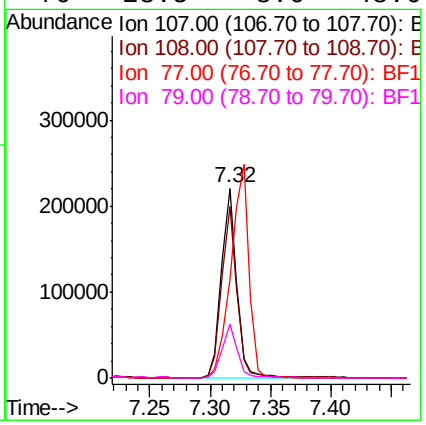


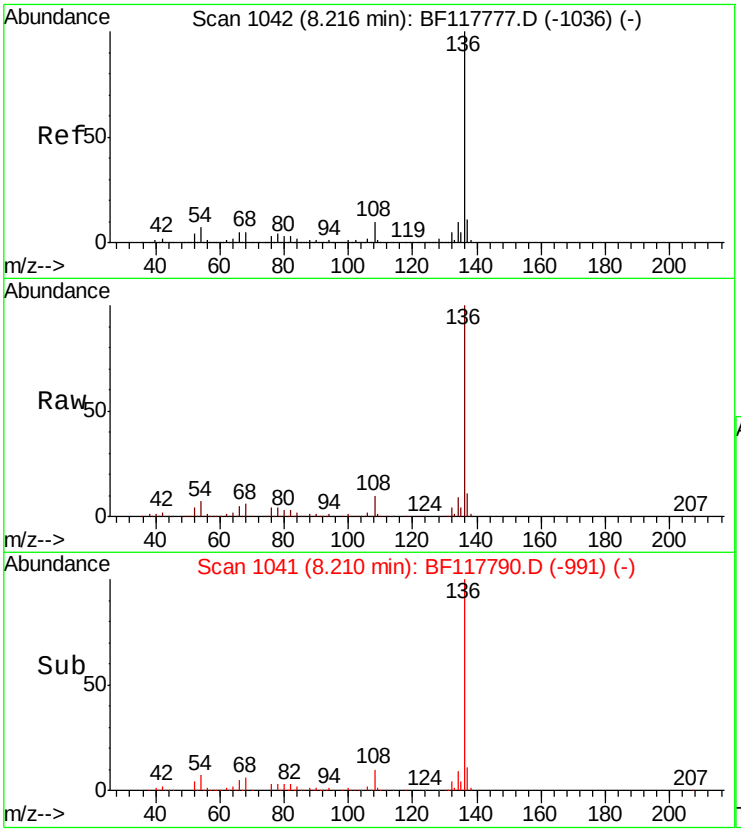


#20
3+4-Methylphenols
Concen: 11.962 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Tgt Ion:107 Resp: 194179

Ion	Ratio	Lower	Upper
107	100		
108	90.5	68.4	108.4
77	51.8	35.2	75.2
79	28.5	8.6	48.6



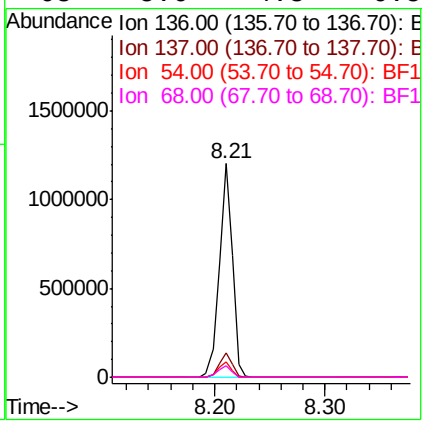


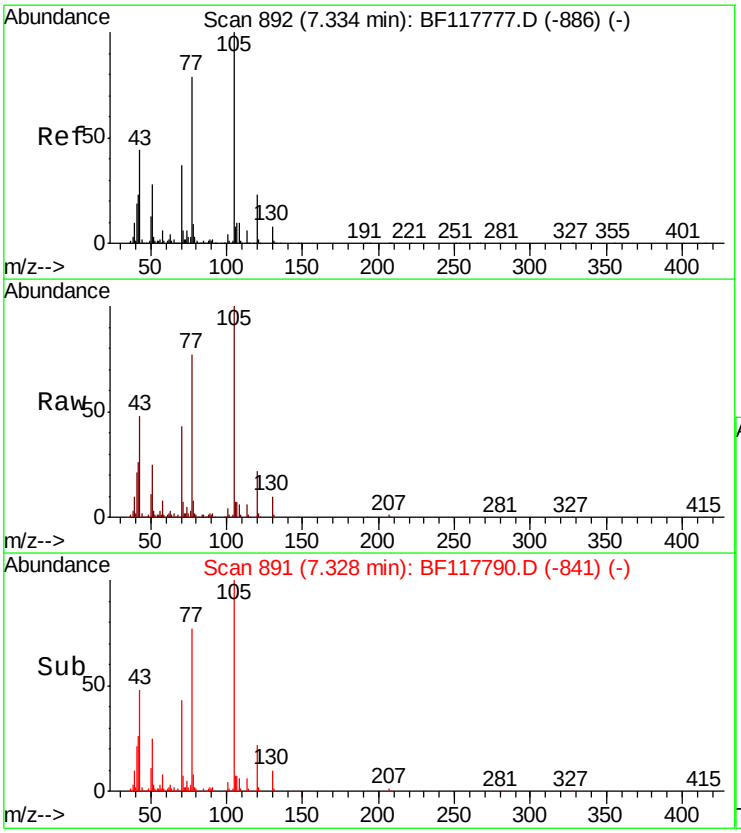
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tgt Ion:136 Resp: 988568

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	7.5	5.4	8.2
68	5.6	4.3	6.5

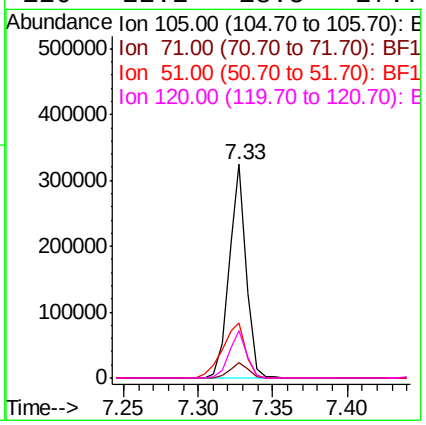


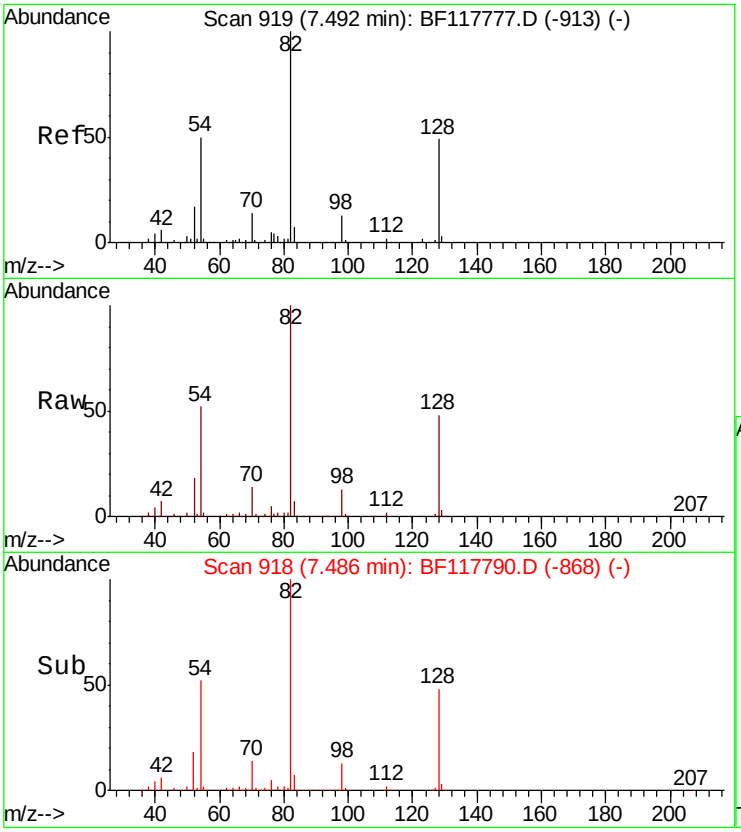


#22
Acetophenone
Concen: 11.712 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Tgt Ion:105 Resp: 260132

Ion	Ratio	Lower	Upper
105	100		
71	7.3	4.9	7.3#
51	25.5	22.7	34.1
120	22.2	18.5	27.7



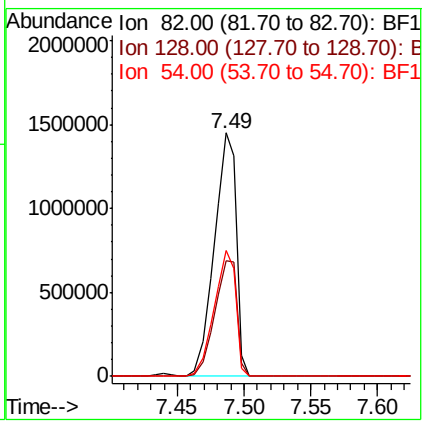


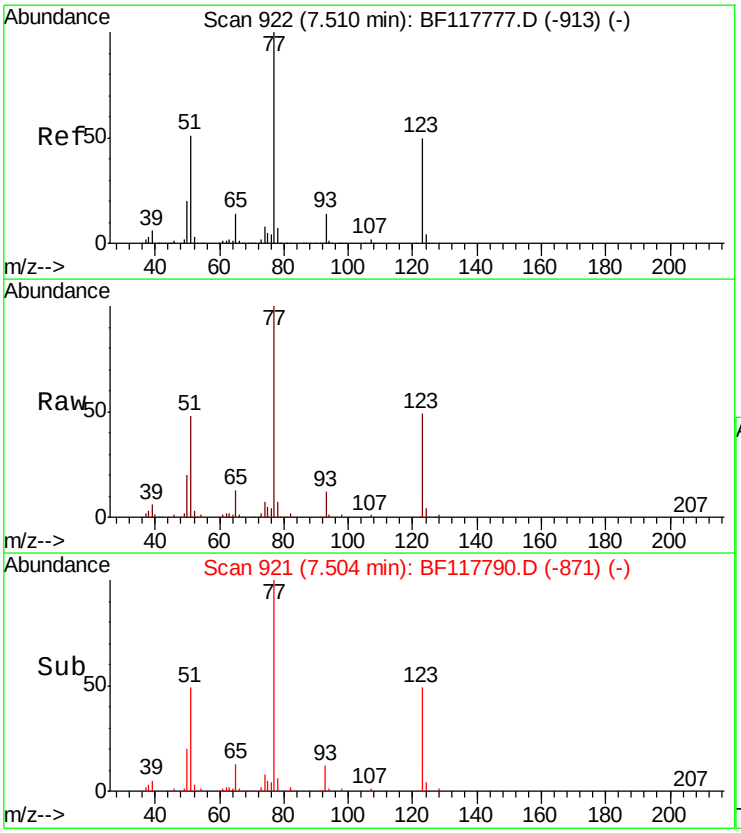
#23
Nitrobenzene-d5
Concen: 100.712 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tgt Ion: 82 Resp: 1674807

Ion	Ratio	Lower	Upper
82	100		
128	47.5	38.9	58.3
54	51.9	39.8	59.6

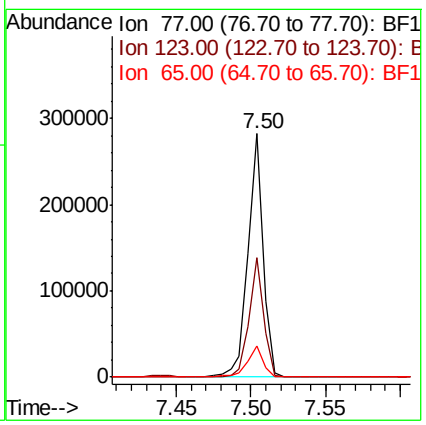


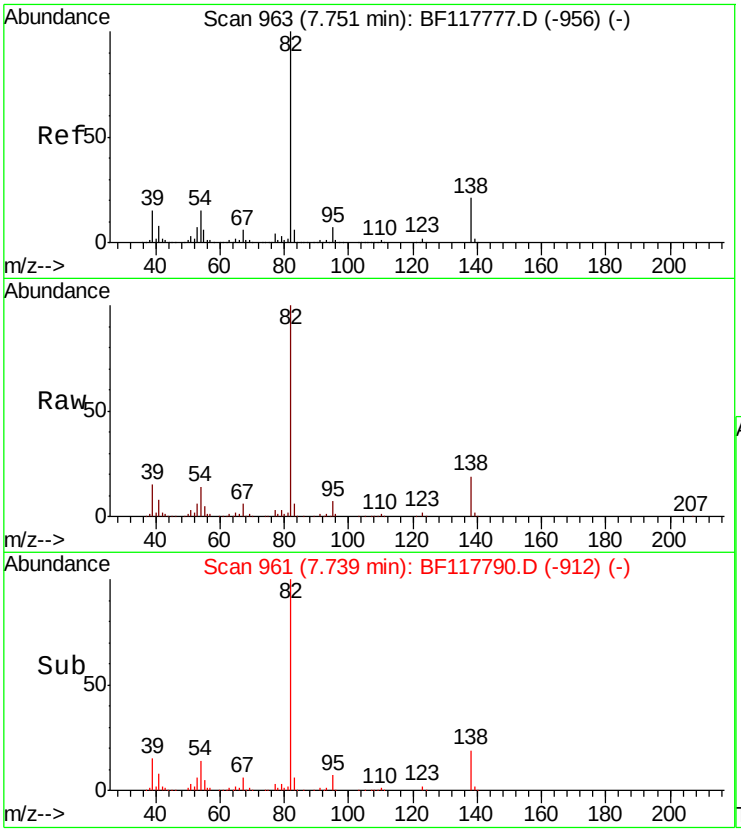


#24
Nitrobenzene
Concen: 11.521 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Tgt Ion: 77 Resp: 197645

Ion	Ratio	Lower	Upper
77	100		
123	49.2	40.3	60.5
65	12.8	10.9	16.3



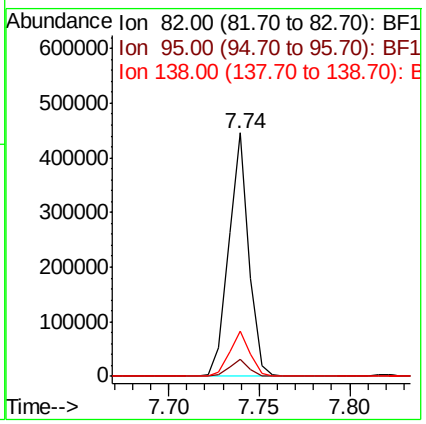


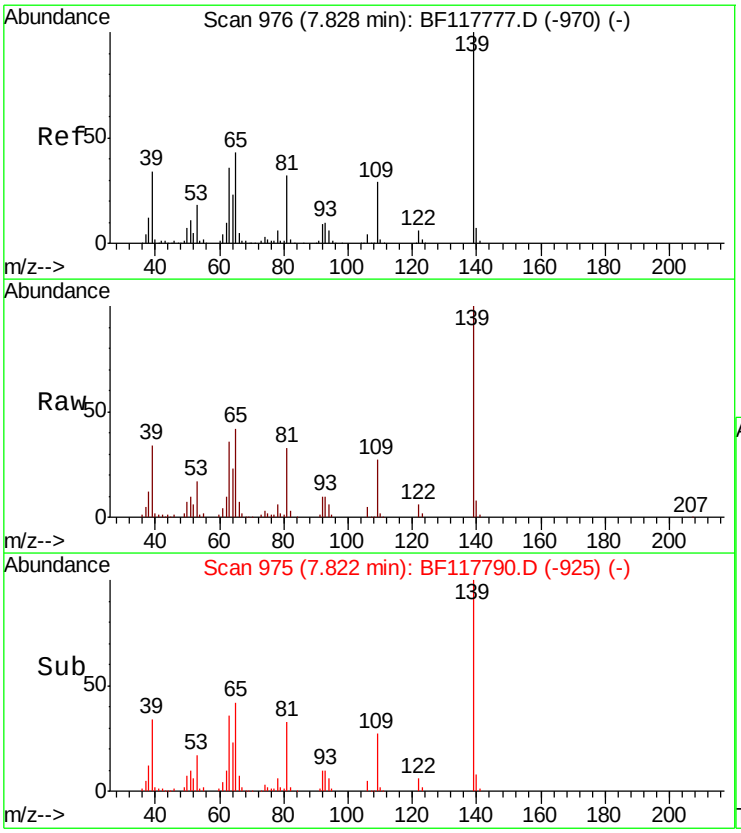
#25
Isophorone
Concen: 11.299 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tgt Ion: 82 Resp: 344377

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.8	8.8
138	18.8	16.5	24.7

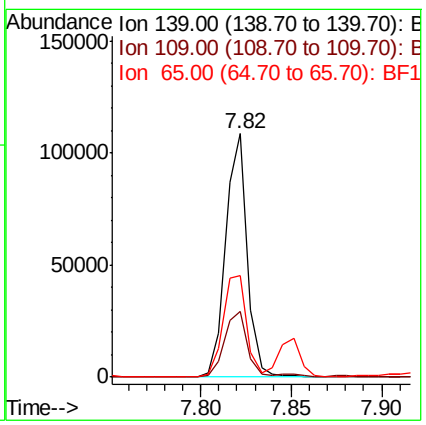


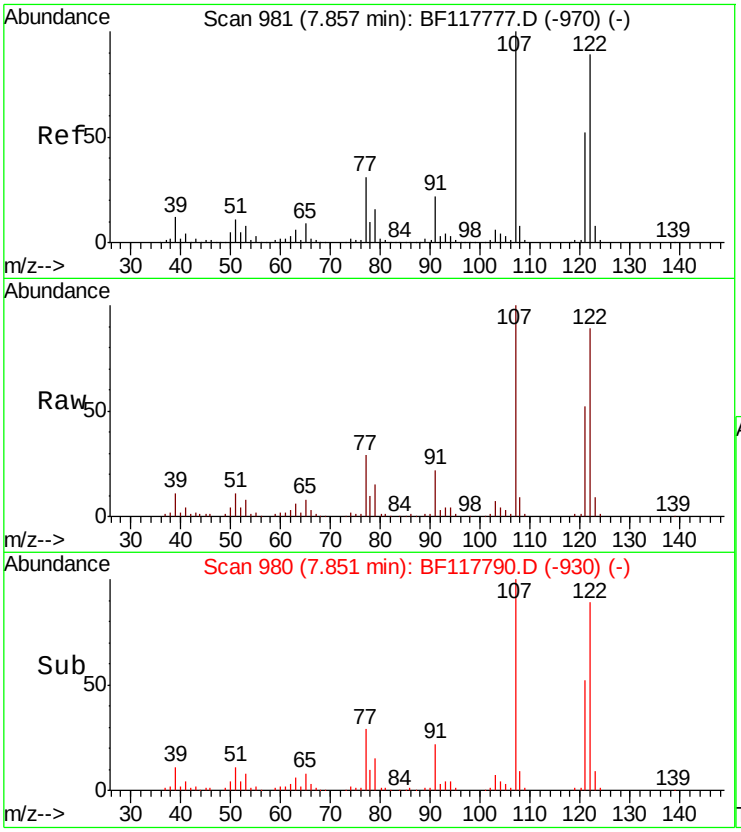


#26
2-Nitrophenol
Concen: 10.782 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Tgt Ion:139 Resp: 90032

Ion	Ratio	Lower	Upper
139	100		
109	27.0	23.0	34.4
65	41.6	34.7	52.1



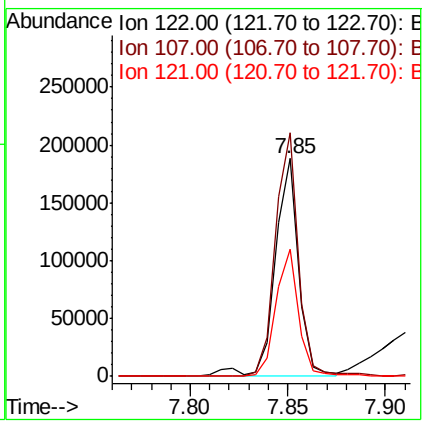


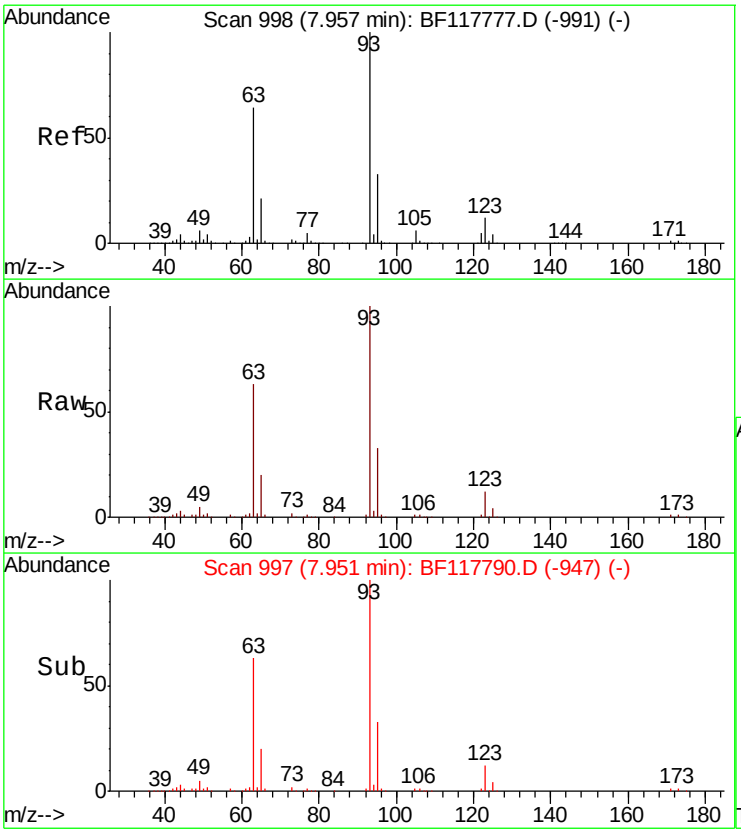
#27
2,4-Dimethylphenol
Concen: 12.071 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tgt Ion:122 Resp: 156628

Ion	Ratio	Lower	Upper
122	100		
107	111.9	90.0	135.0
121	58.5	46.7	70.1

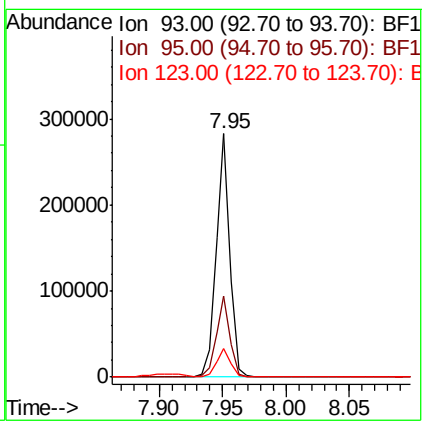


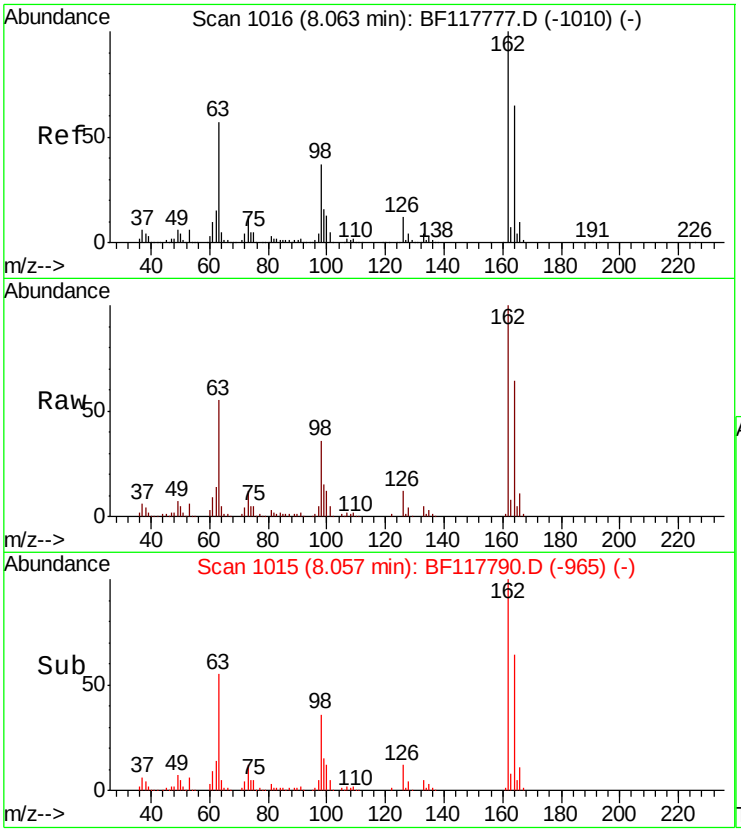


#28
bis(2-Chloroethoxy)methane
Concen: 11.076 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Tgt Ion: 93 Resp: 214235

Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.6	40.0
123	11.6	10.3	15.5



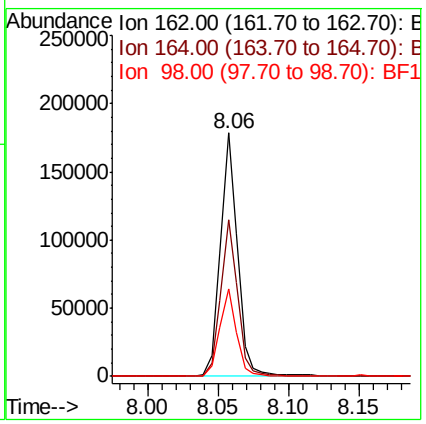


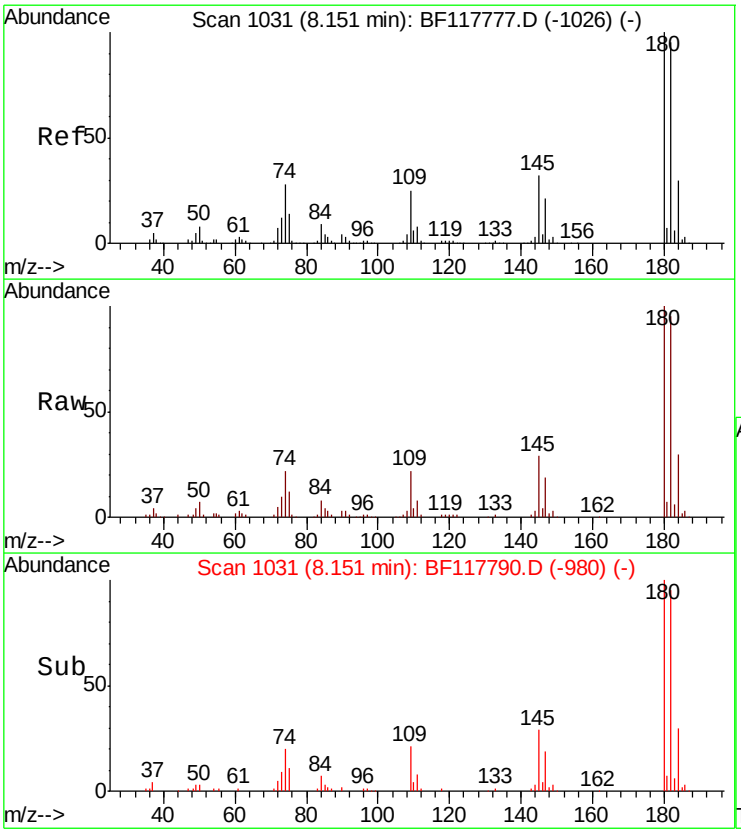
#29
2,4-Dichlorophenol
Concen: 10.788 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tgt Ion:162 Resp: 151835

Ion	Ratio	Lower	Upper
162	100		
164	64.1	45.1	85.1
98	36.0	17.2	57.2

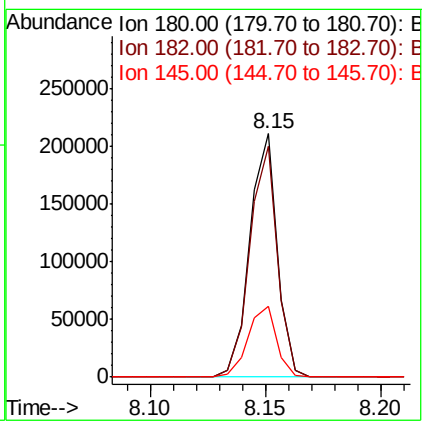


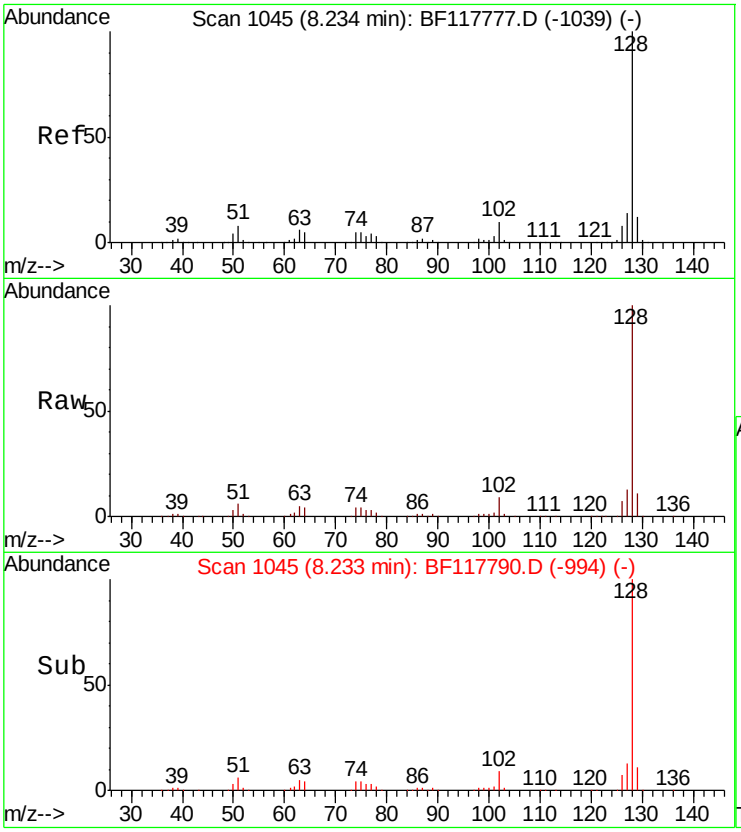


#30
1,2,4-Trichlorobenzene
Concen: 10.767 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Tgt Ion:180 Resp: 175780

Ion	Ratio	Lower	Upper
180	100		
182	95.1	75.8	113.6
145	29.3	25.5	38.3



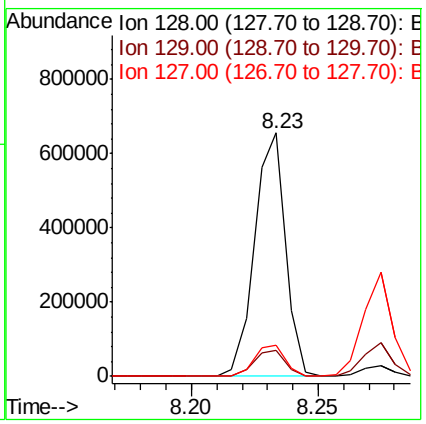


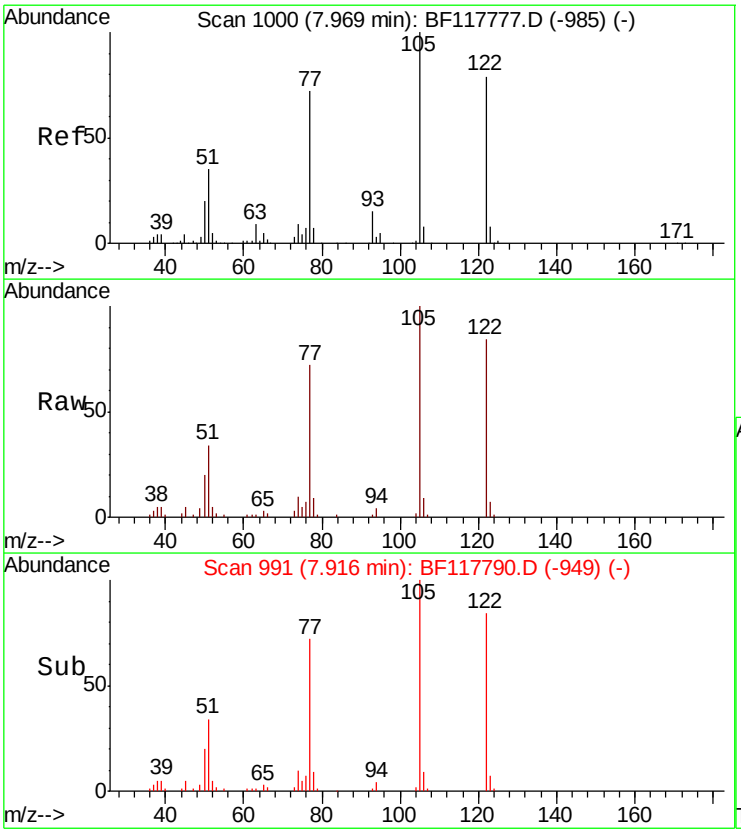
#31
Naphthalene
Concen: 12.145 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tgt Ion:128 Resp: 559725

Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.5	14.3
127	12.9	11.3	16.9

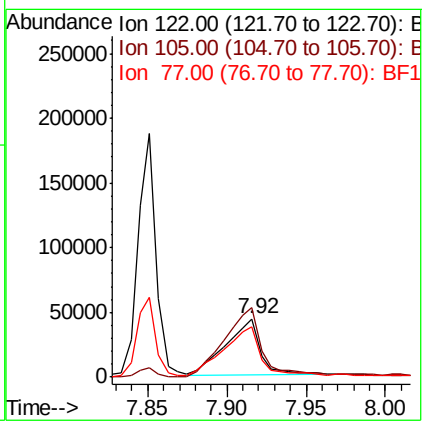


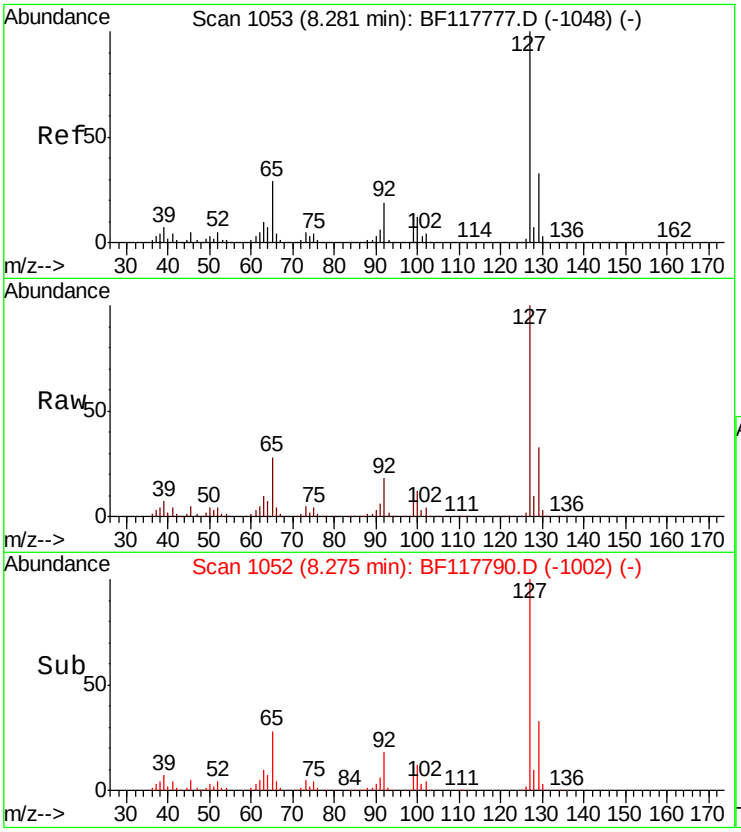


#32
Benzoic acid
Concen: 6.284 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.05 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Tgt Ion:122 Resp: 68266

Ion	Ratio	Lower	Upper
122	100		
105	118.8	102.7	142.7
77	86.1	70.5	110.5



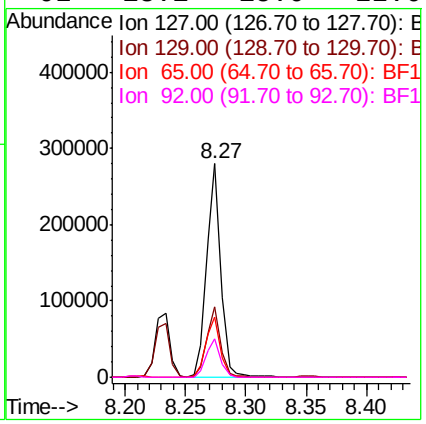


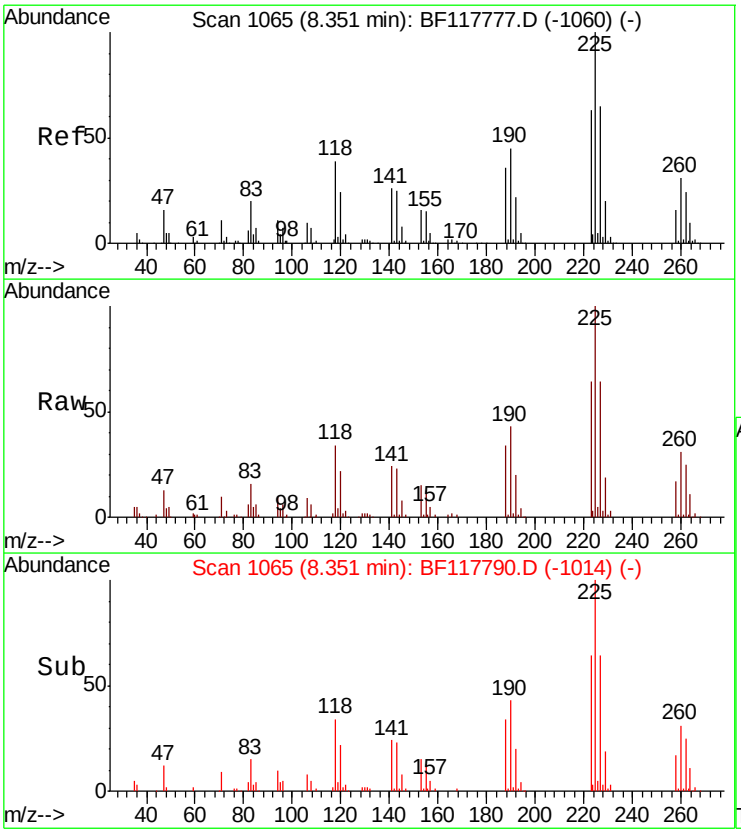
#33
4-Chloroaniline
Concen: 10.982 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tgt Ion:127 Resp: 226575

Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.5	39.7
65	28.1	22.9	34.3
92	18.1	15.0	22.6

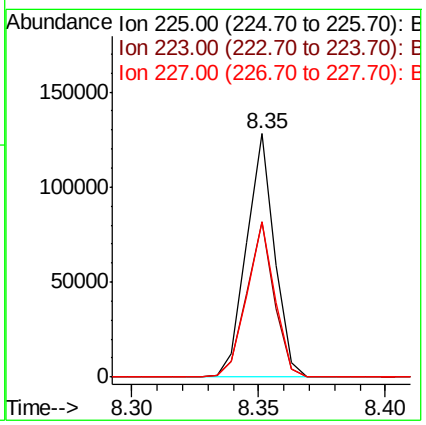


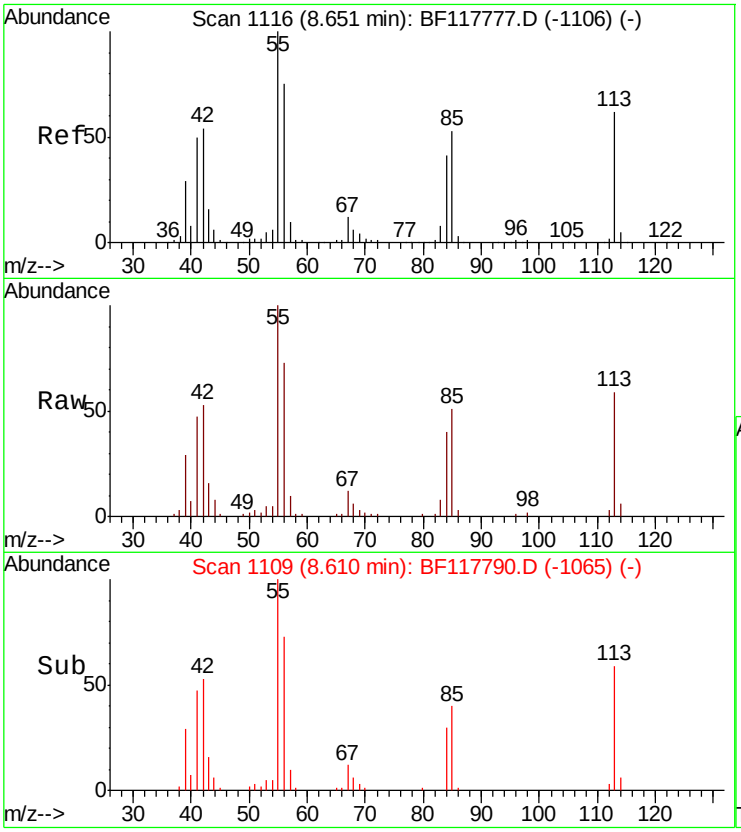


#34
Hexachlorobutadiene
Concen: 10.331 ng
RT: 8.35 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Tgt Ion:225 Resp: 98607

Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.0	75.0
227	63.9	51.8	77.6



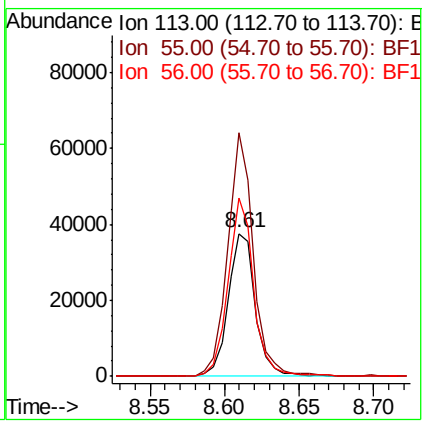


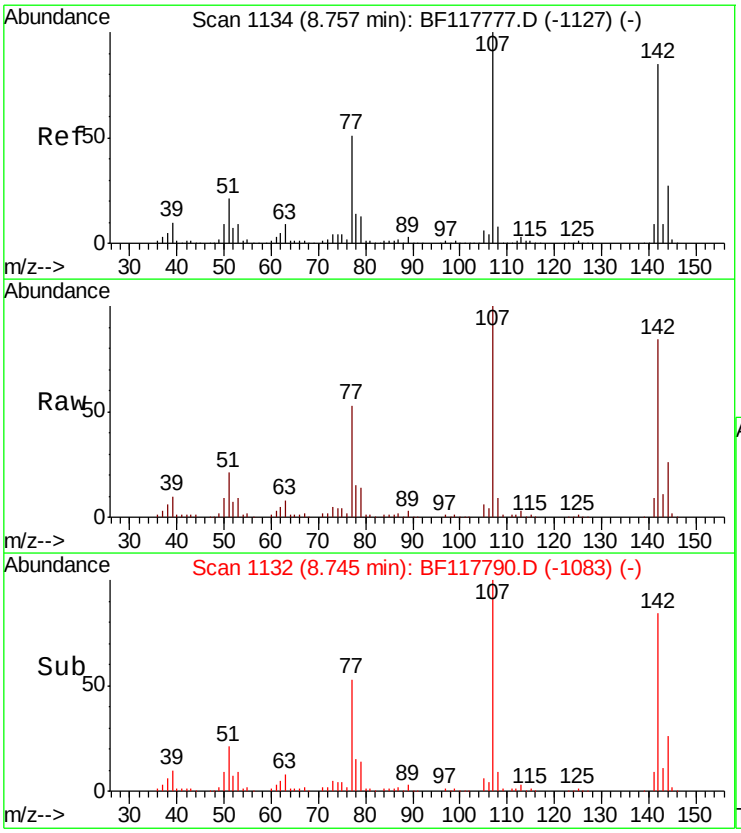
#35
Caprolactam
Concen: 10.681 ng
RT: 8.61 min Scan# 1109
Delta R.T. -0.04 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tgt Ion:113 Resp: 47779

Ion	Ratio	Lower	Upper
113	100		
55	170.7	141.1	181.1
56	124.7	100.5	140.5

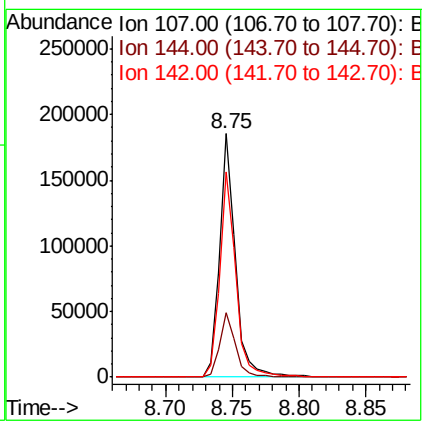


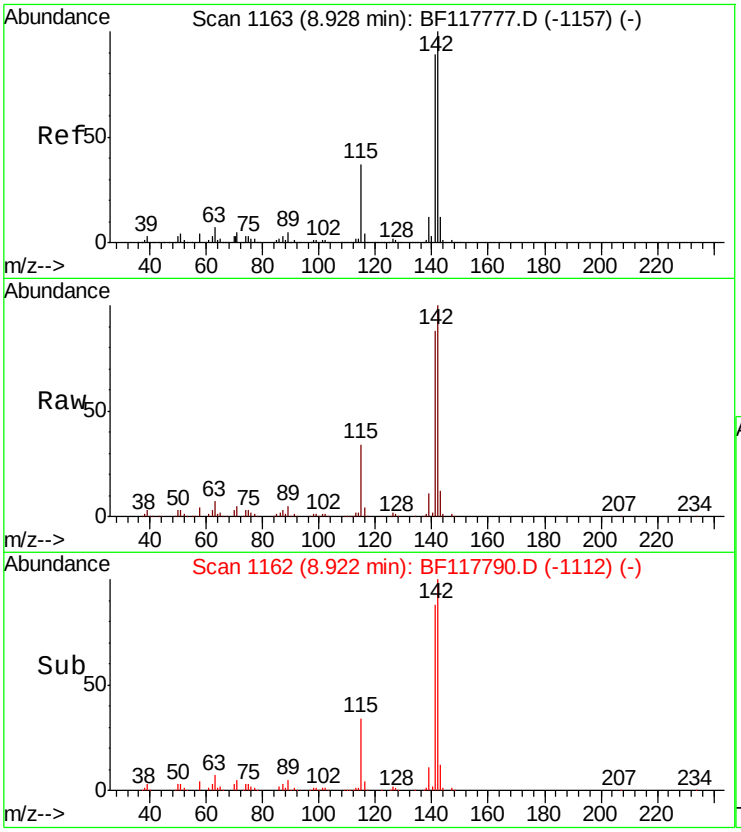


#36
4-Chloro-3-methylphenol
Concen: 10.976 ng
RT: 8.75 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Tgt Ion:107 Resp: 156771

Ion	Ratio	Lower	Upper
107	100		
144	26.2	21.9	32.9
142	84.3	67.7	101.5



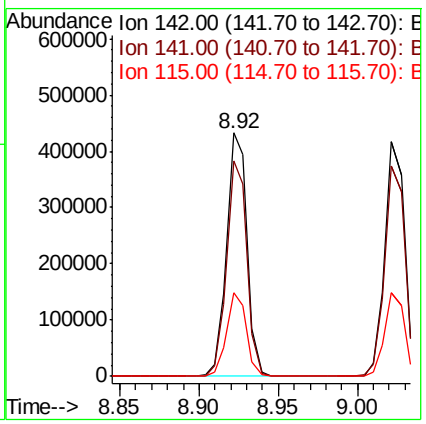


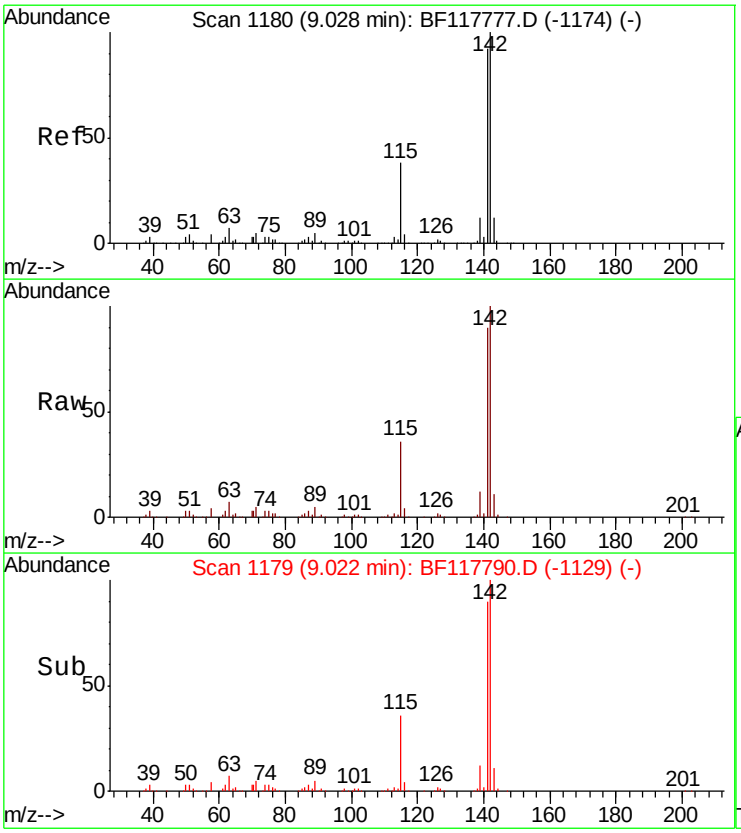
#37
2-Methylnaphthalene
Concen: 12.388 ng
RT: 8.92 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tgt Ion:142 Resp: 385759

Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.1	106.7
115	34.3	29.2	43.8

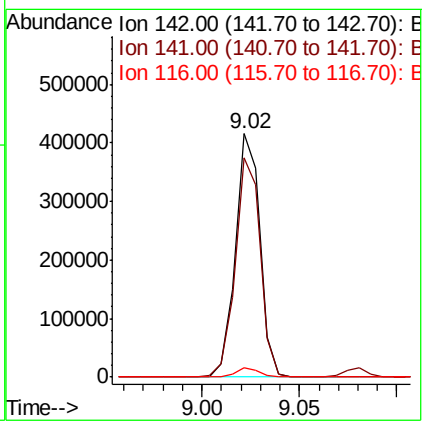


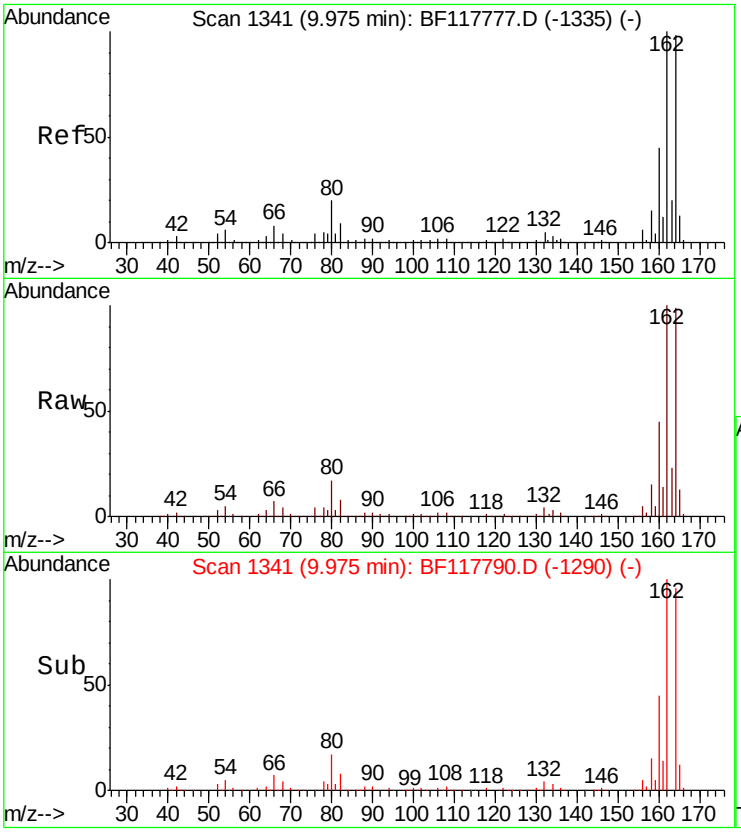


#38
1-Methylnaphthalene
Concen: 12.282 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Tgt Ion:142 Resp: 361577

Ion	Ratio	Lower	Upper
142	100		
141	90.0	73.5	110.3
116	3.7	3.2	4.8



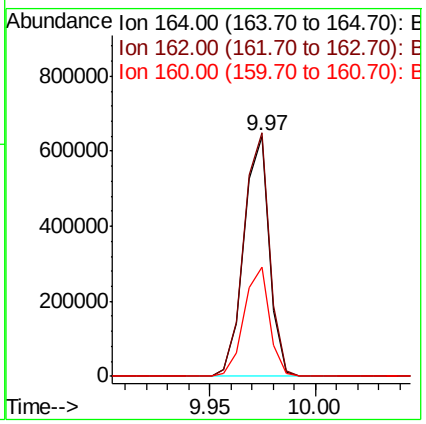


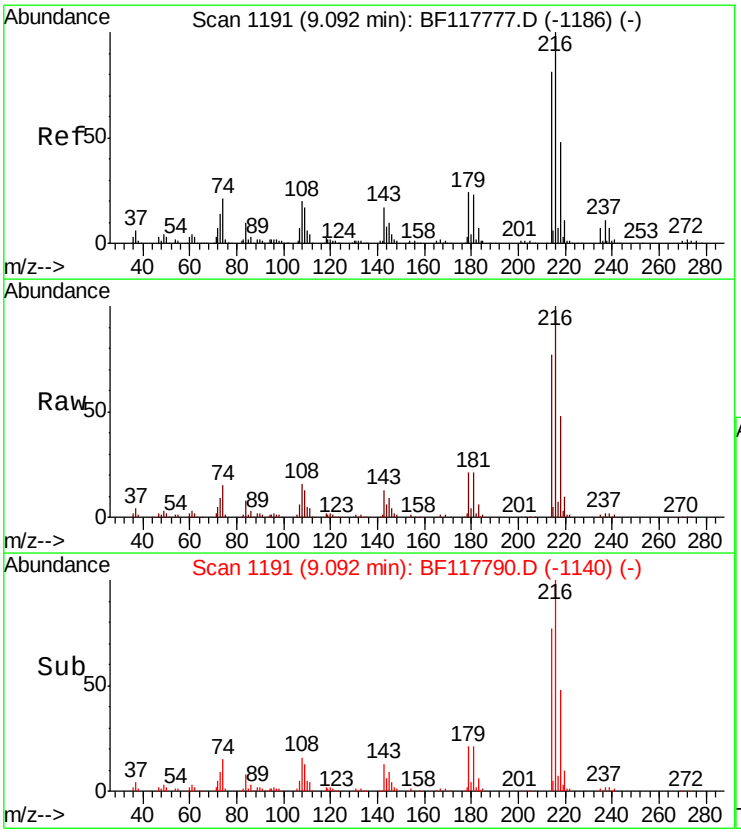
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tgt Ion:164 Resp: 535052

Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.3	121.9
160	45.5	36.6	55.0

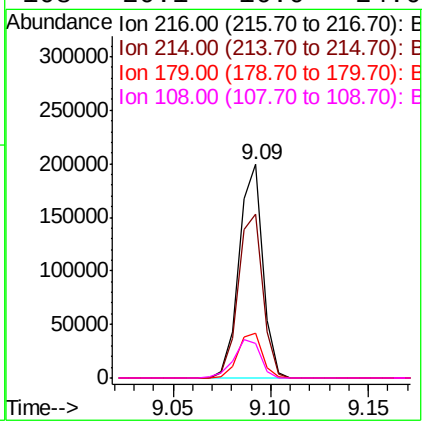


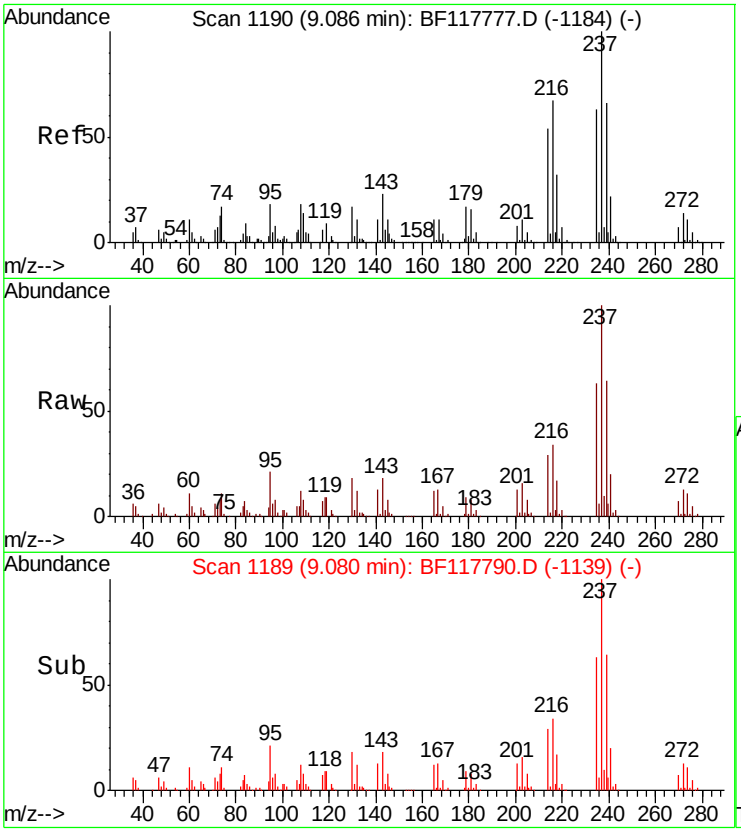


#40
1,2,4,5-Tetrachlorobenzene
Concen: 10.814 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Tgt Ion:216 Resp: 168040

Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.4	95.0
179	21.9	18.2	27.4
108	20.1	16.0	24.0



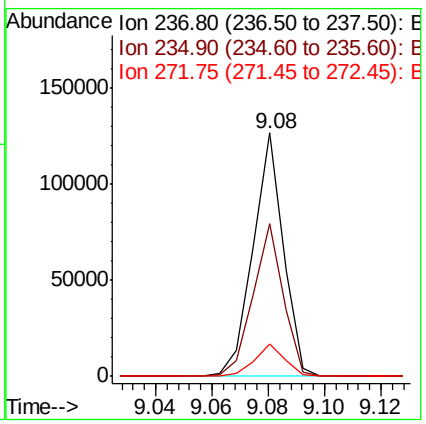


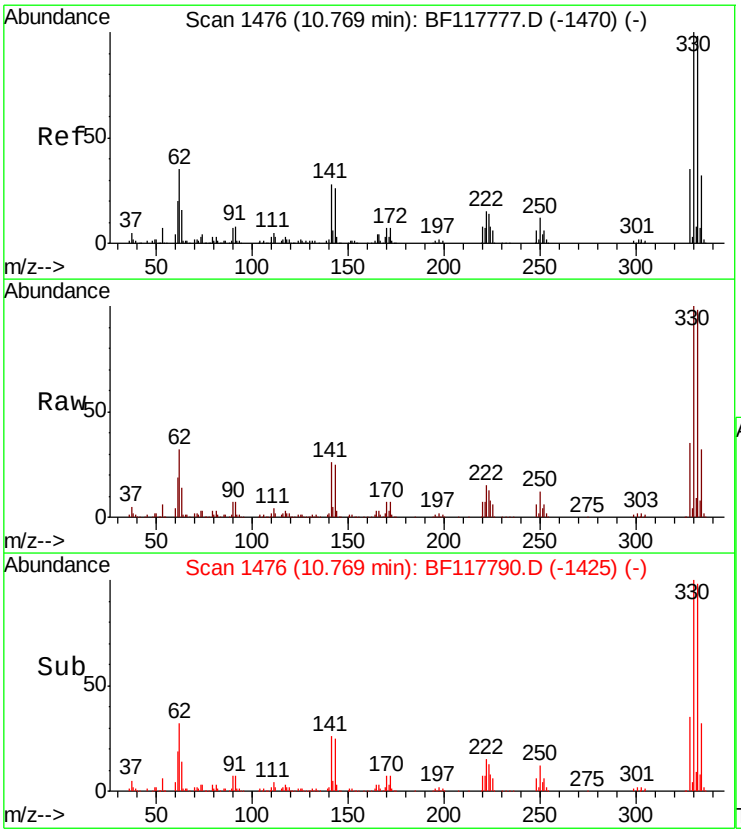
#41
Hexachlorocyclopentadiene
Concen: 10.853 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tgt Ion:237 Resp: 94502

Ion	Ratio	Lower	Upper
237	100		
235	62.7	42.6	82.6
272	13.5	0.0	34.3

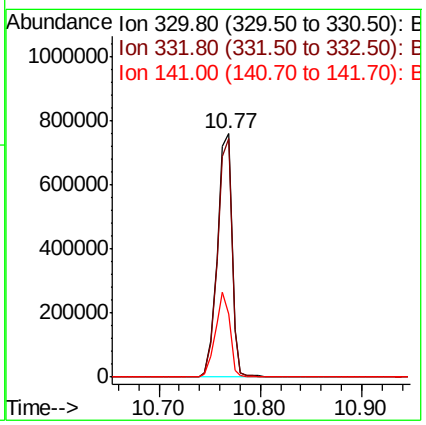


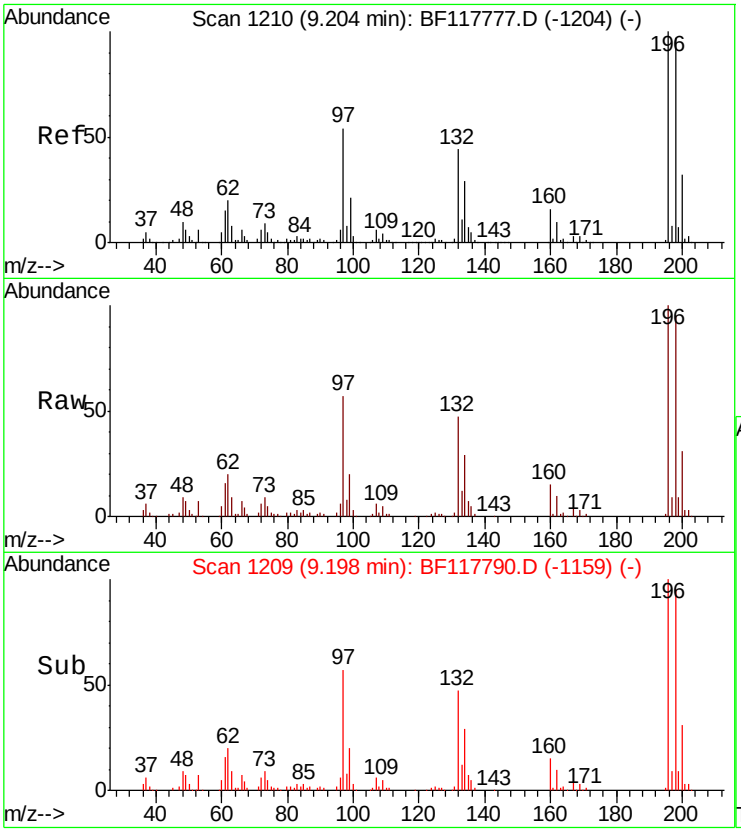


#42
2,4,6-Tribromophenol
Concen: 135.558 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.00 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Tgt Ion:330 Resp: 767872

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.7	115.1
141	34.1	27.7	41.5



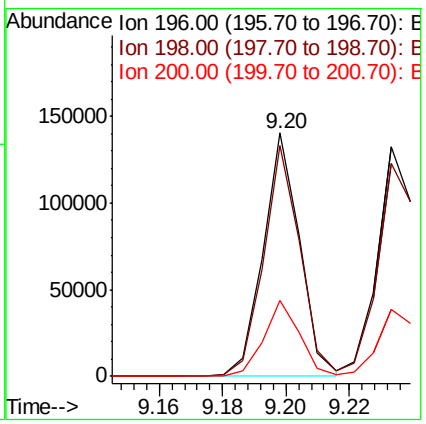


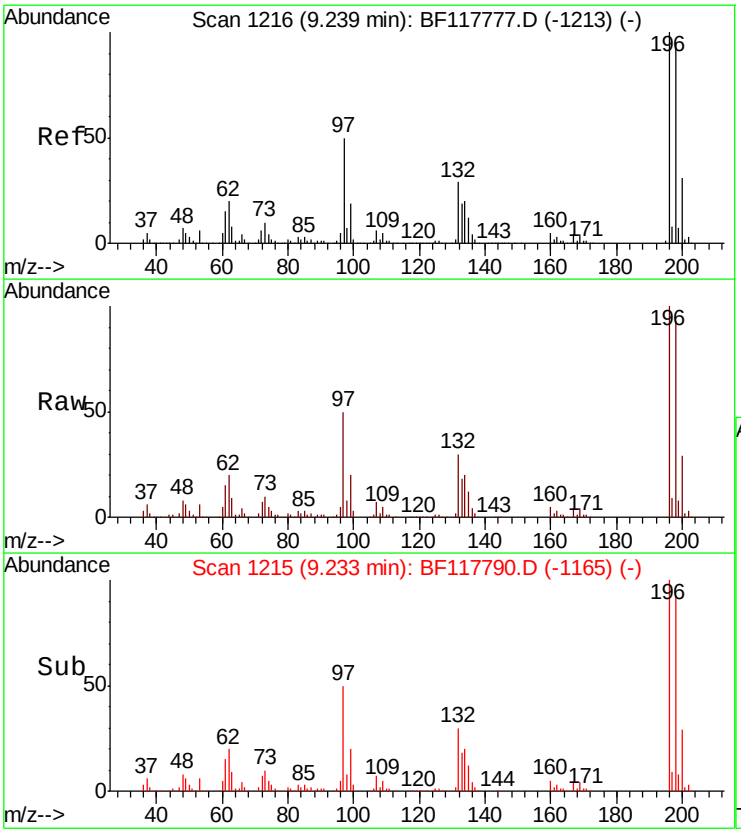
#43
2,4,6-Trichlorophenol
Concen: 10.050 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tgt Ion:196 Resp: 111857

Ion	Ratio	Lower	Upper
196	100		
198	94.6	77.8	116.6
200	31.1	25.4	38.0

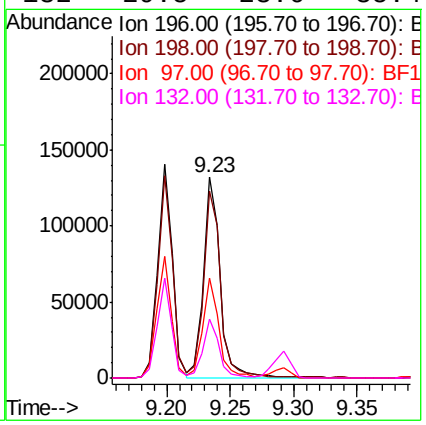


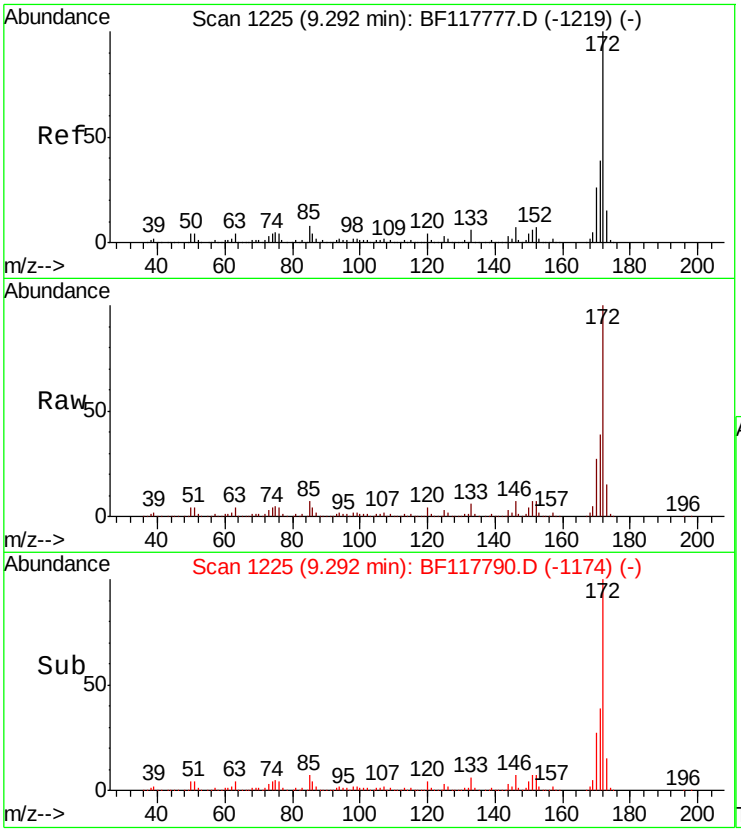


#44
2,4,5-Trichlorophenol
Concen: 10.525 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Tgt Ion:196 Resp: 121625

Ion	Ratio	Lower	Upper
196	100		
198	93.3	76.3	114.5
97	49.9	40.0	60.0
132	29.5	23.6	35.4



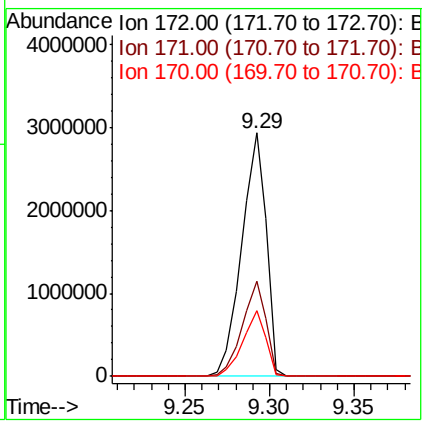


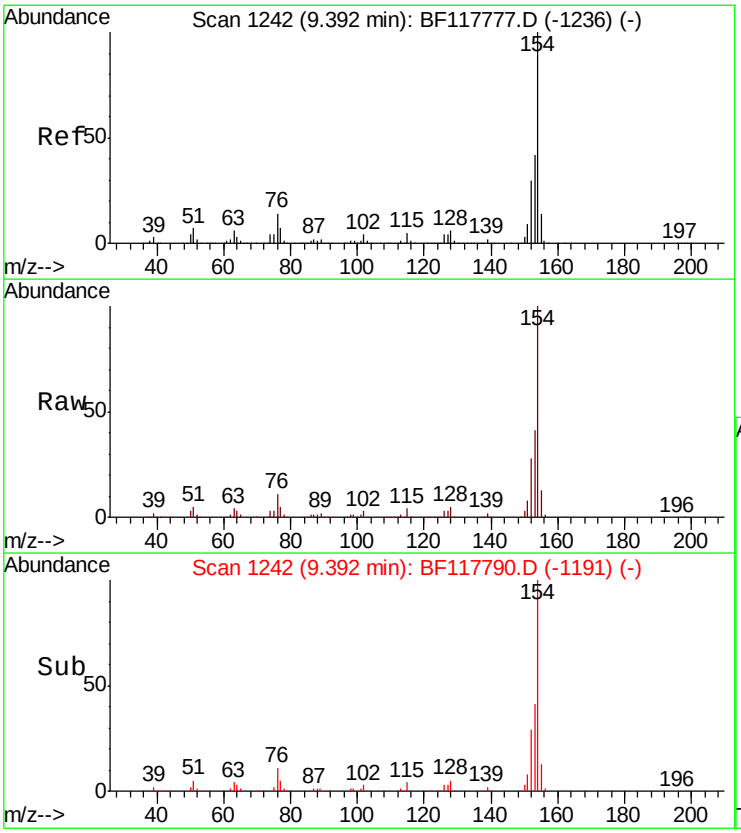
#45
2-Fluorobiphenyl
Concen: 99.811 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.00 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tgt Ion:172 Resp: 2976754

Ion	Ratio	Lower	Upper
172	100		
171	38.9	30.9	46.3
170	26.7	21.0	31.4

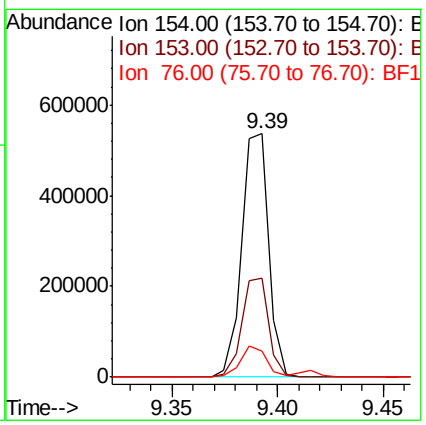


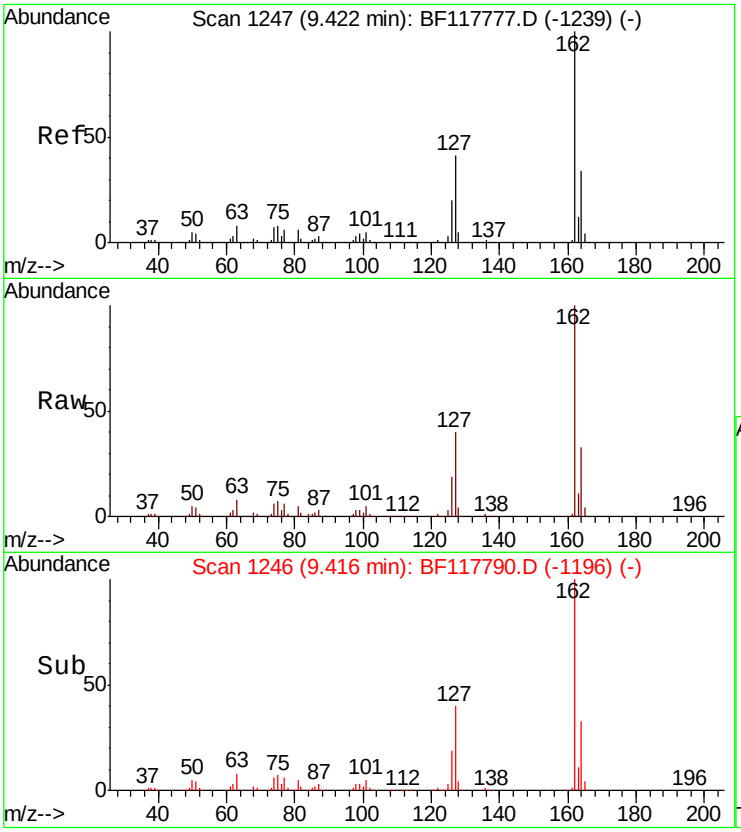


#46
1,1'-Biphenyl
Concen: 11.943 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.00 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Tgt Ion:154 Resp: 474069

Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.9	61.9
76	10.6	0.0	33.6



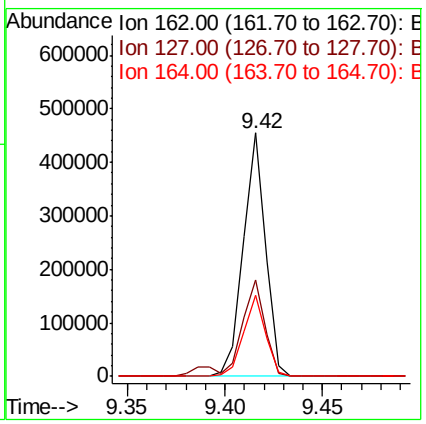


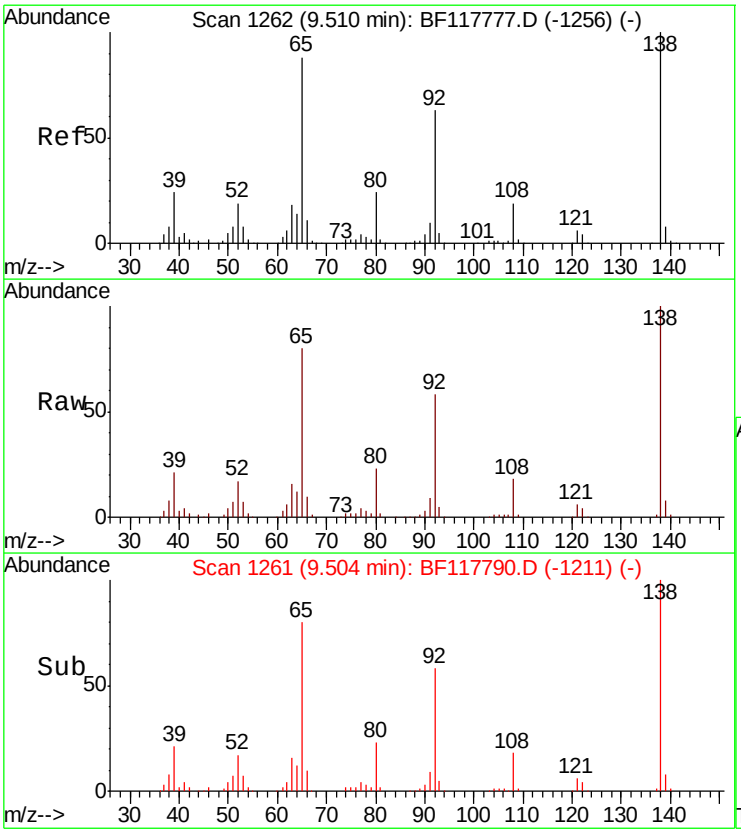
#47
2-Chloronaphthalene
Concen: 11.002 ng
RT: 9.42 min Scan# 1246
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tgt Ion:162 Resp: 359271

Ion	Ratio	Lower	Upper
162	100		
127	39.7	33.2	49.8
164	33.3	27.3	40.9

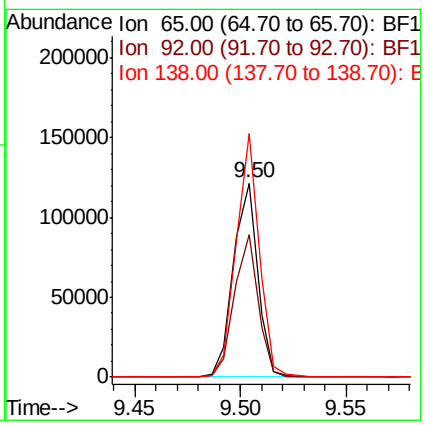


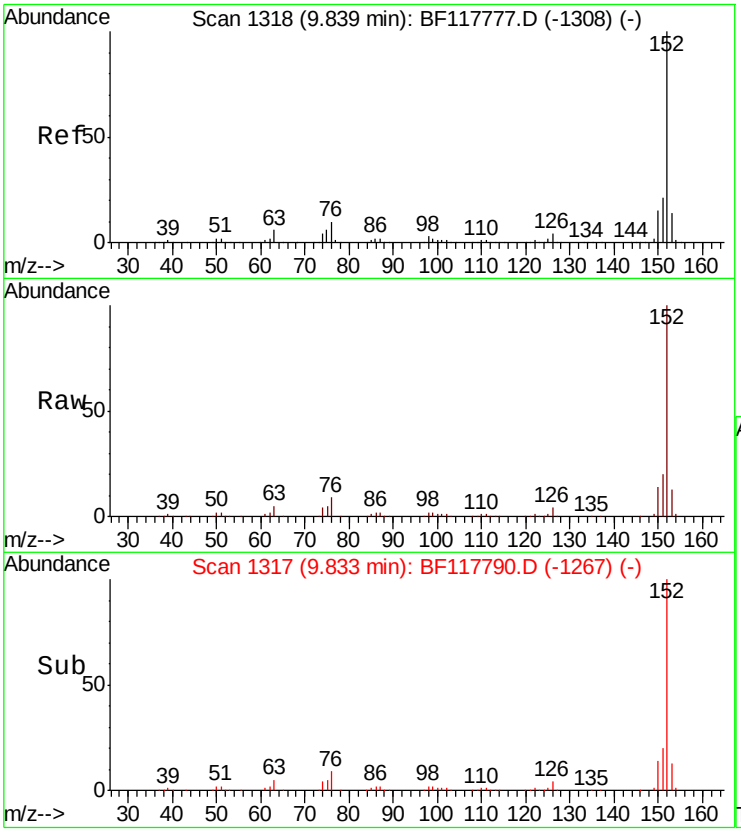


#48
2-Nitroaniline
Concen: 9.797 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Tgt Ion: 65 Resp: 96590

Ion	Ratio	Lower	Upper
65	100		
92	73.3	56.6	84.8
138	125.5	90.5	135.7



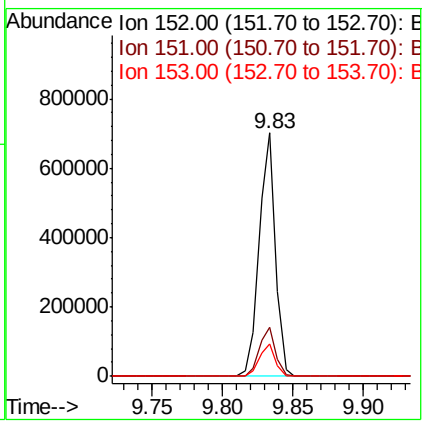


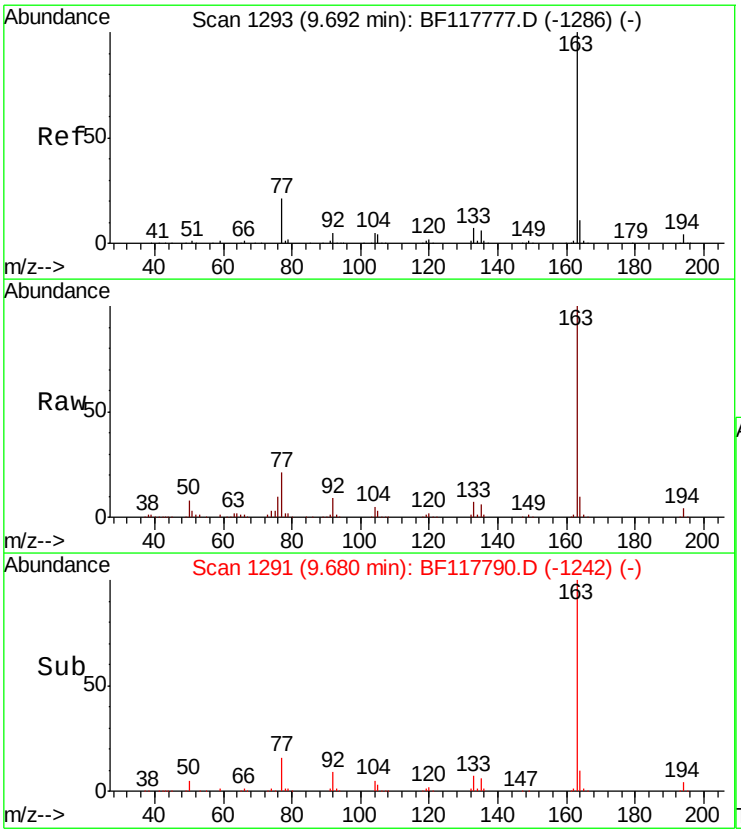
#49
Acenaphthylene
Concen: 12.066 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tgt Ion:152 Resp: 574482

Ion	Ratio	Lower	Upper
152	100		
151	20.2	17.0	25.6
153	13.3	11.0	16.6

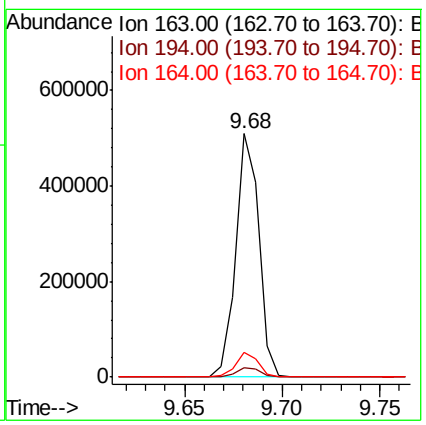


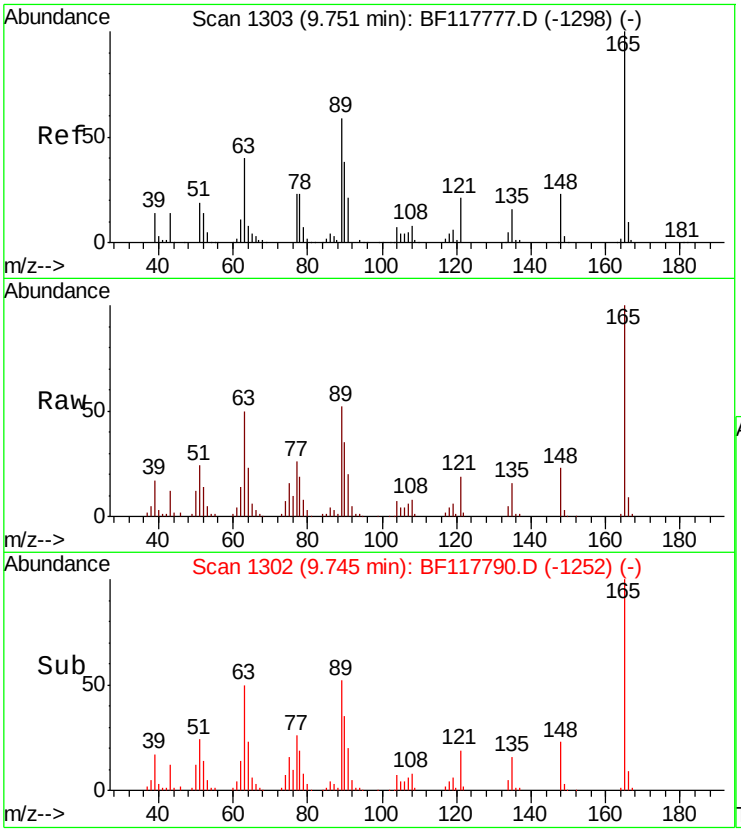


#50
Dimethylphthalate
Concen: 11.093 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Tgt Ion:163 Resp: 416195

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.4	8.7	13.1



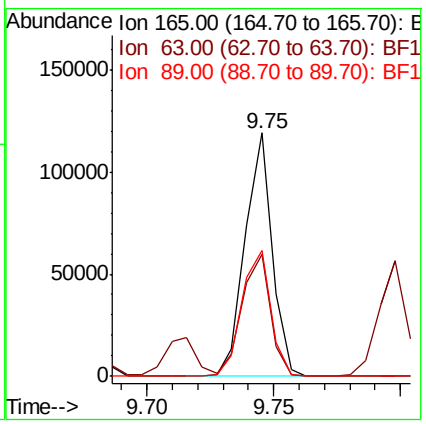


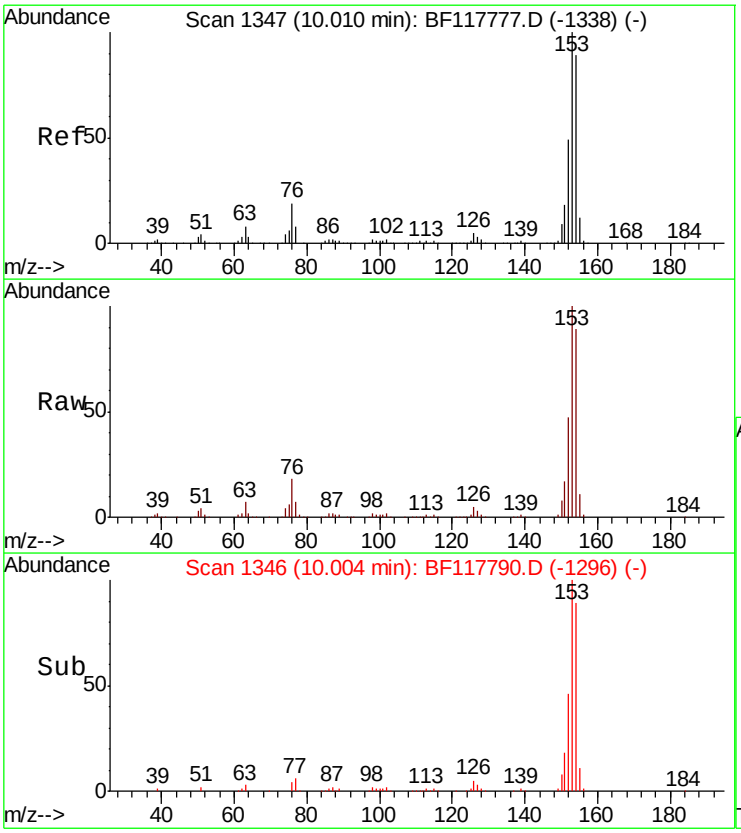
#51
2,6-Dinitrotoluene
Concen: 10.856 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tgt Ion:165 Resp: 89018

Ion	Ratio	Lower	Upper
165	100		
63	50.3	46.0	69.0
89	51.8	47.7	71.5

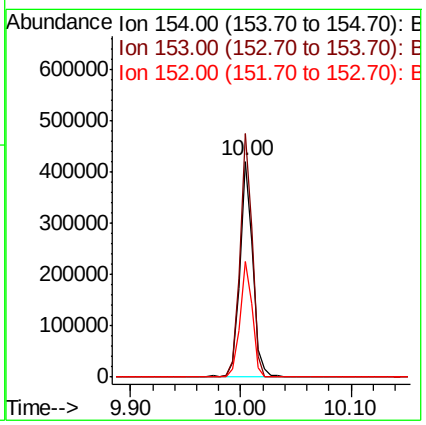


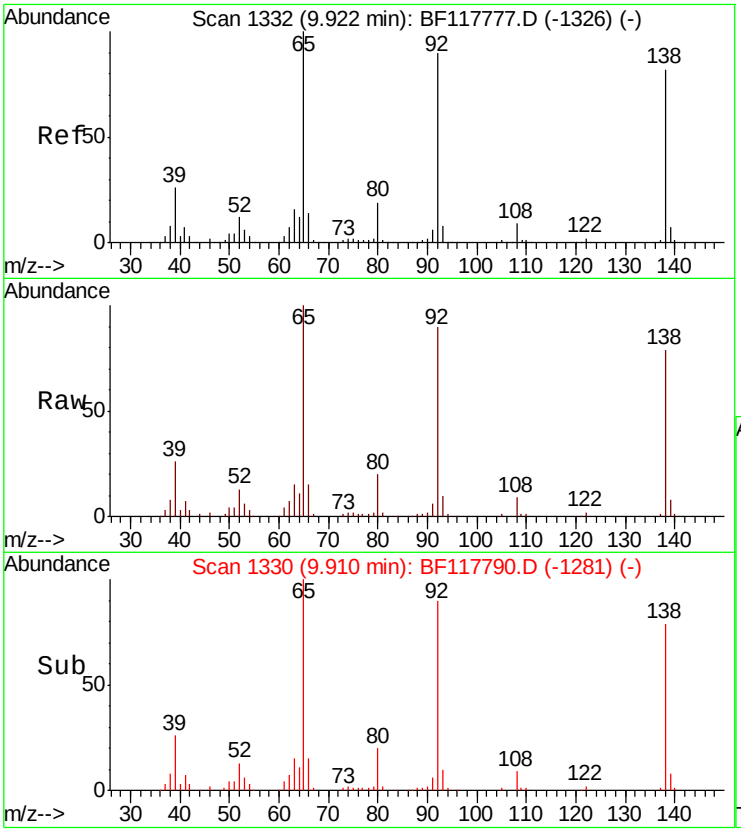


#52
Acenaphthene
Concen: 11.297 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Tgt Ion:154 Resp: 344551

Ion	Ratio	Lower	Upper
154	100		
153	112.7	90.1	135.1
152	53.5	44.0	66.0



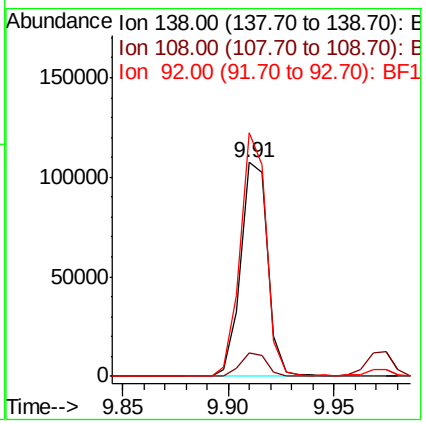


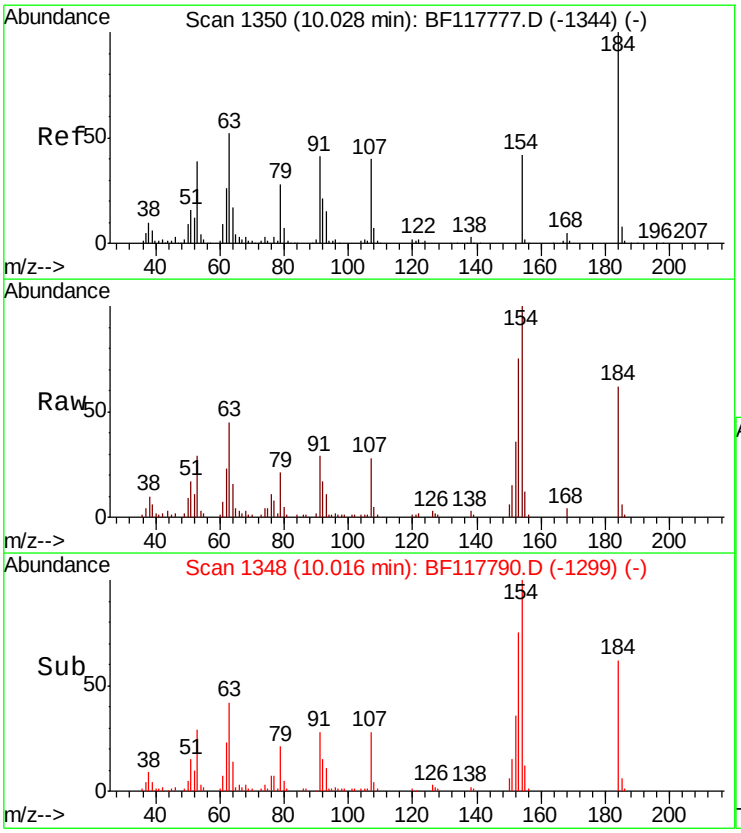
#53
3-Nitroaniline
Concen: 9.719 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tgt Ion:138 Resp: 95361

Ion	Ratio	Lower	Upper
138	100		
108	11.2	8.6	12.8
92	113.8	87.9	131.9

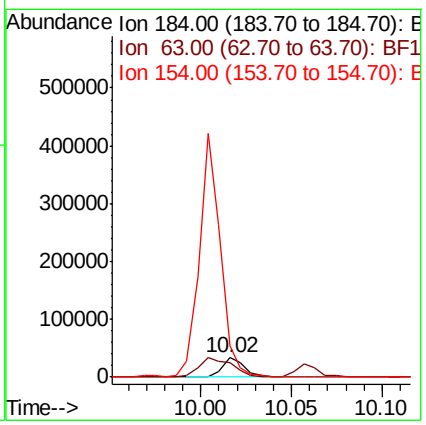


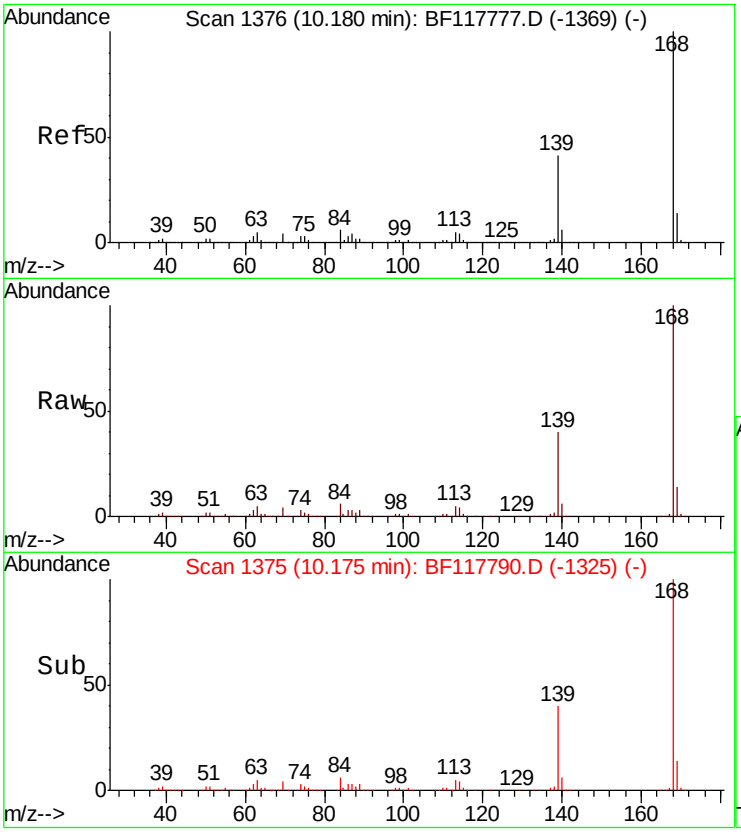


#54
2,4-Dinitrophenol
Concen: 8.091 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Tgt Ion:184 Resp: 29455

Ion	Ratio	Lower	Upper
184	100		
63	72.6	43.0	64.6#
154	161.0	48.0	72.0#



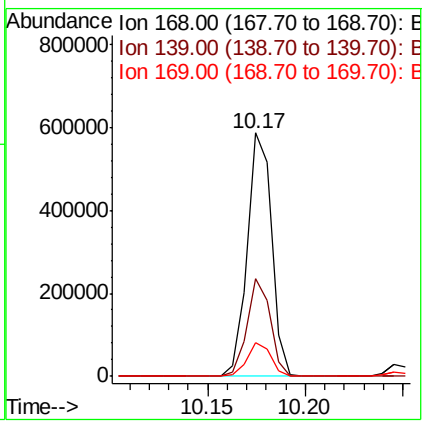


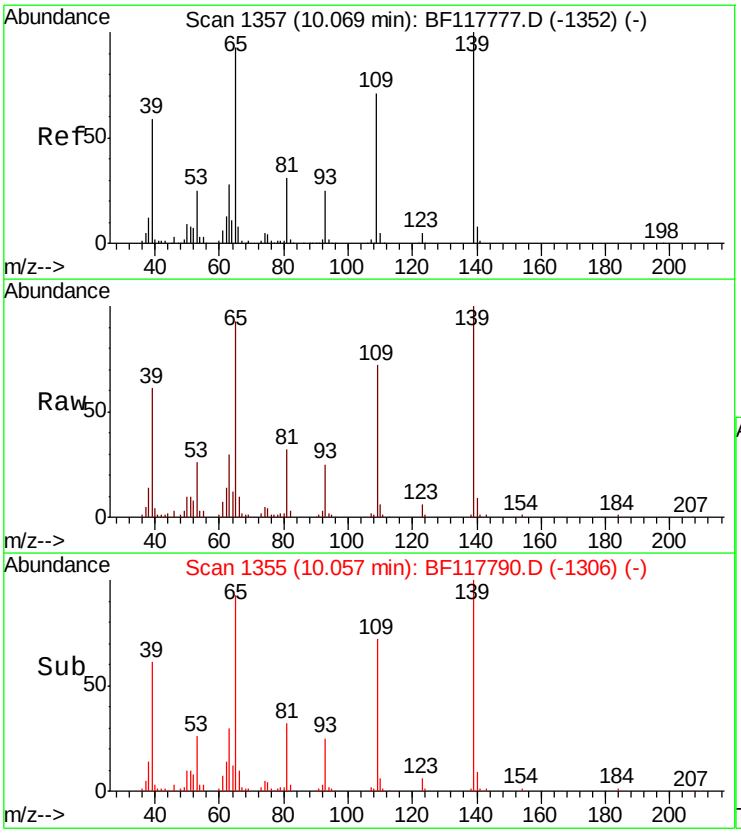
#55
Dibenzofuran
Concen: 12.020 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tgt Ion:168 Resp: 507649

Ion	Ratio	Lower	Upper
168	100		
139	39.9	33.0	49.6
169	13.6	11.5	17.3

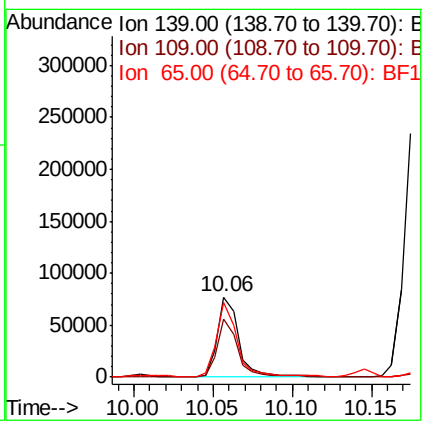


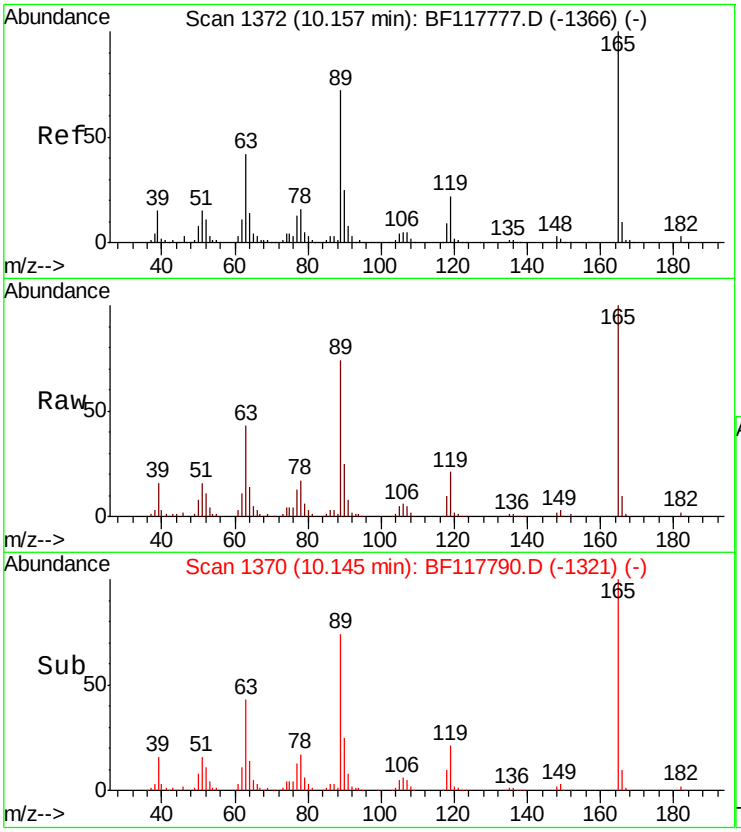


#56
4-Nitrophenol
Concen: 10.029 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Tgt Ion:139 Resp: 73452

Ion	Ratio	Lower	Upper
139	100		
109	72.0	50.8	90.8
65	93.3	73.6	113.6



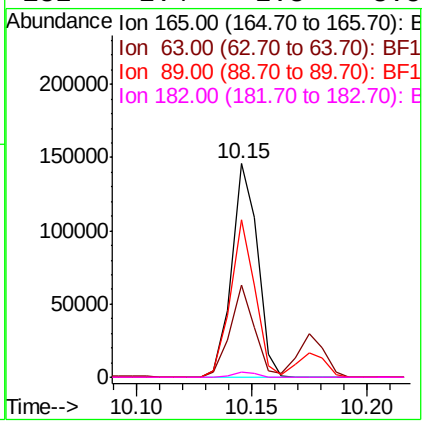


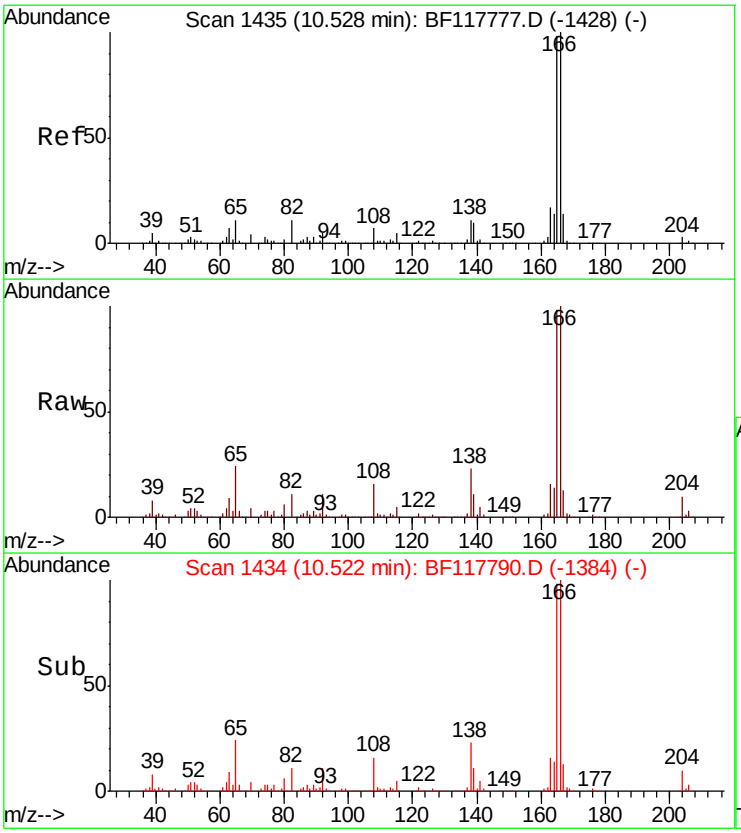
#57
2,4-Dinitrotoluene
Concen: 10.913 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tgt Ion:165 Resp: 113835

Ion	Ratio	Lower	Upper
165	100		
63	43.1	33.7	50.5
89	73.8	57.3	85.9
182	2.4	2.3	3.5

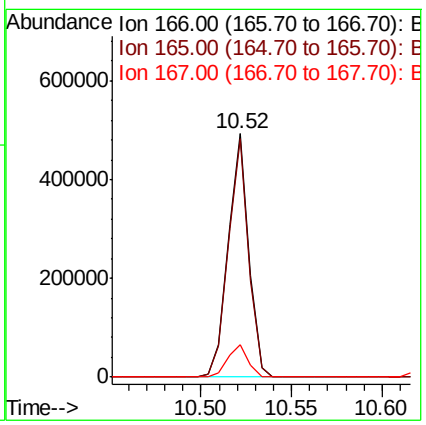


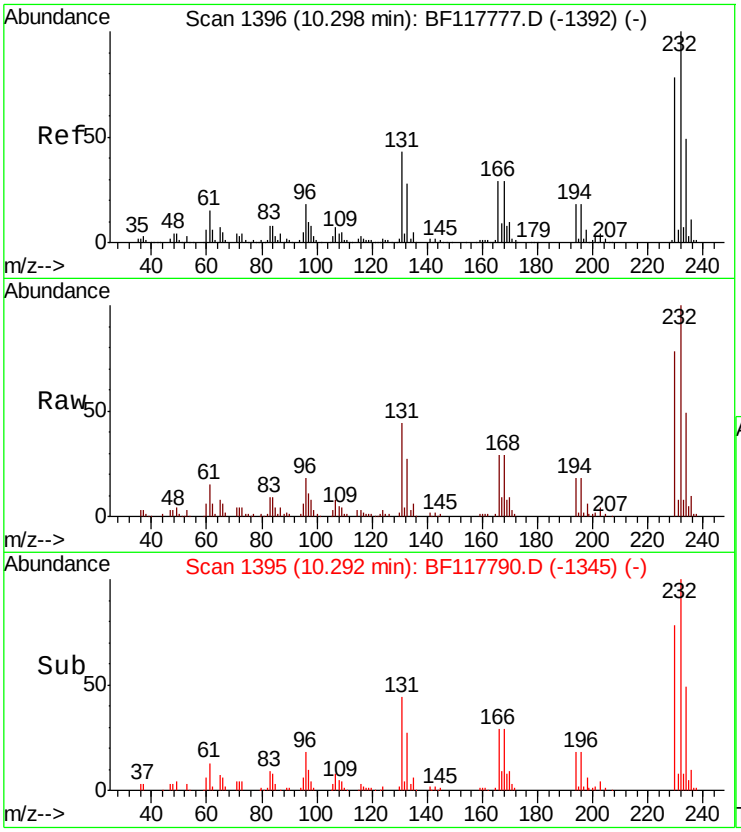


#58
Fluorene
Concen: 11.858 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Tgt Ion:166 Resp: 388096

Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.4	117.6
167	13.4	11.0	16.4



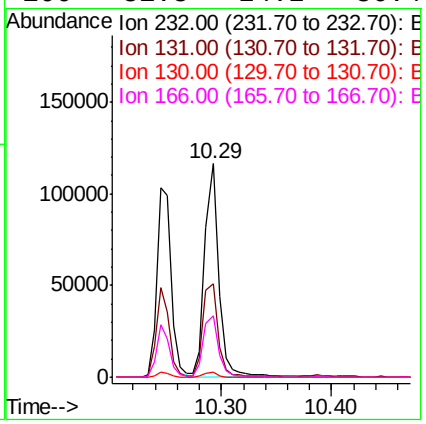


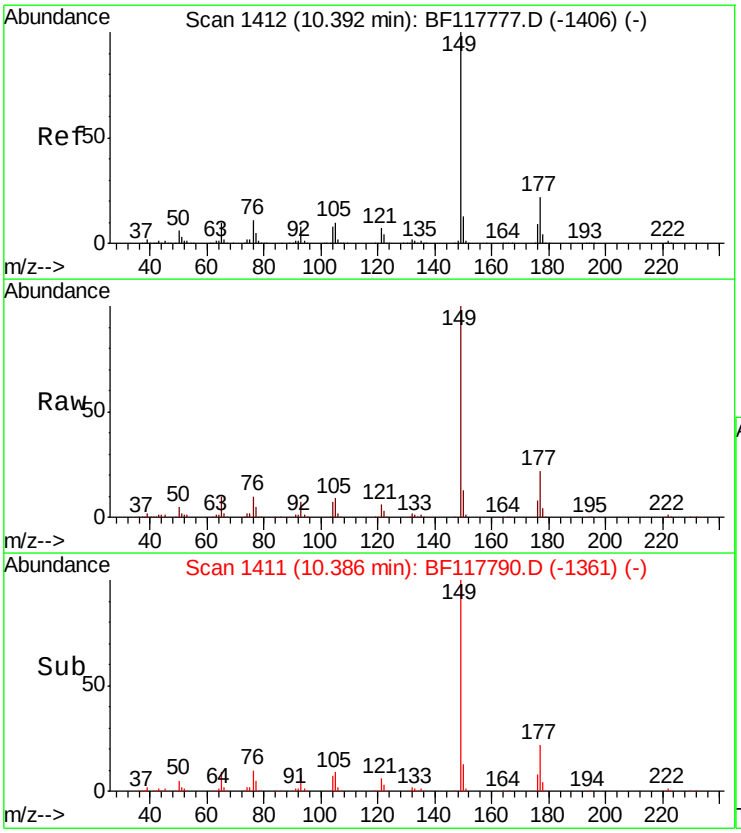
#59
2,3,4,6-Tetrachlorophenol
Concen: 10.594 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tgt Ion:232 Resp: 100587

Ion	Ratio	Lower	Upper
232	100		
131	48.4	37.6	56.4
130	2.0	1.9	2.9
166	31.3	24.2	36.4

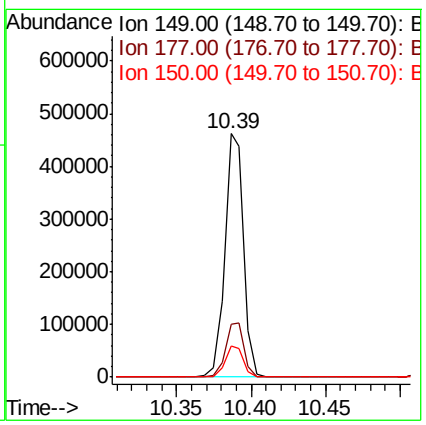


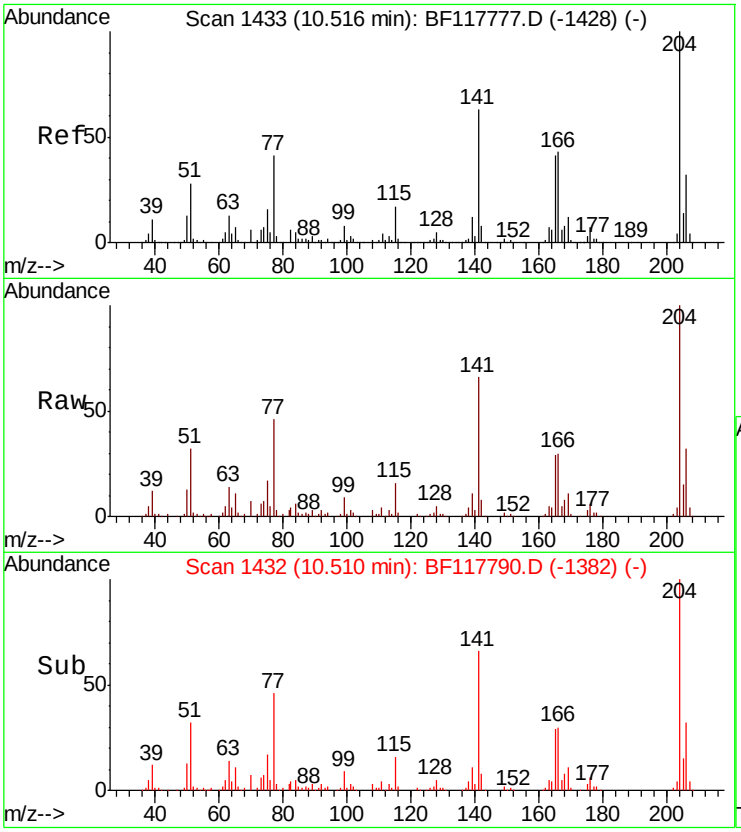


#60
Diethylphthalate
Concen: 11.179 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Tgt Ion:149 Resp: 408925

Ion	Ratio	Lower	Upper
149	100		
177	22.0	18.0	27.0
150	12.8	10.5	15.7



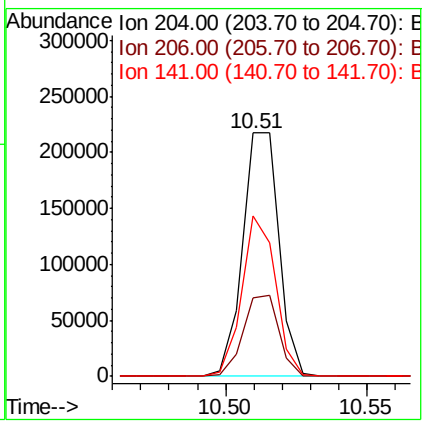


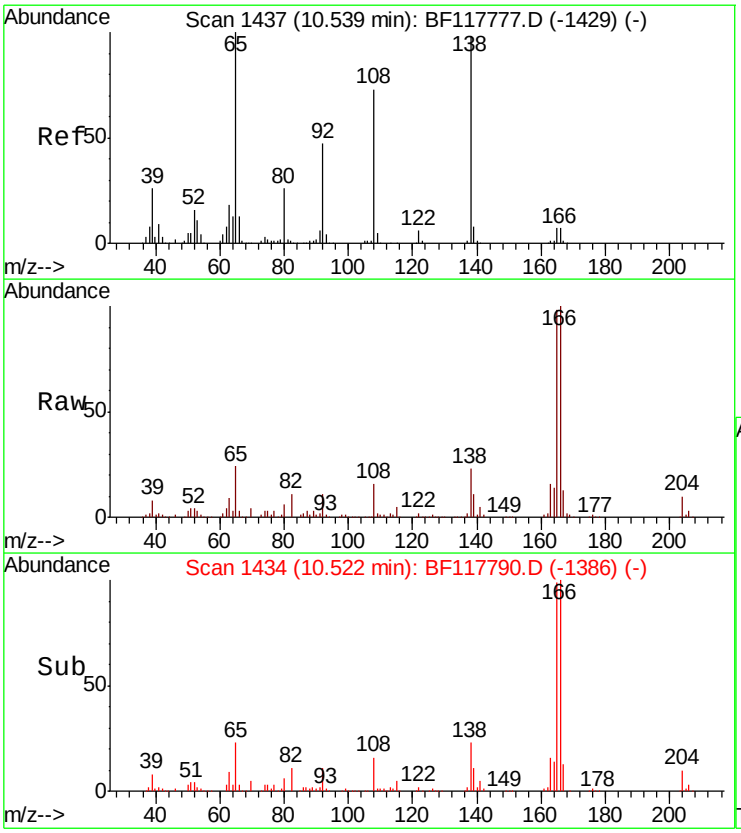
#61
4-Chlorophenyl-phenylether
Concen: 11.696 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tgt Ion:204 Resp: 194258

Ion	Ratio	Lower	Upper
204	100		
206	32.0	25.6	38.4
141	65.7	50.7	76.1

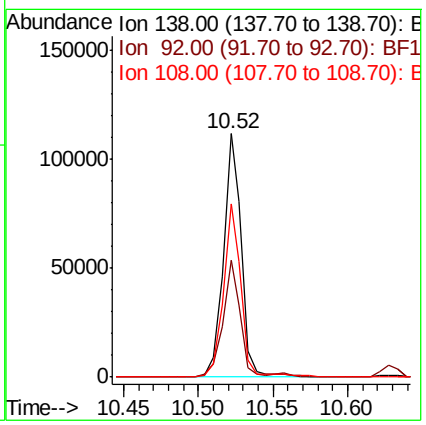


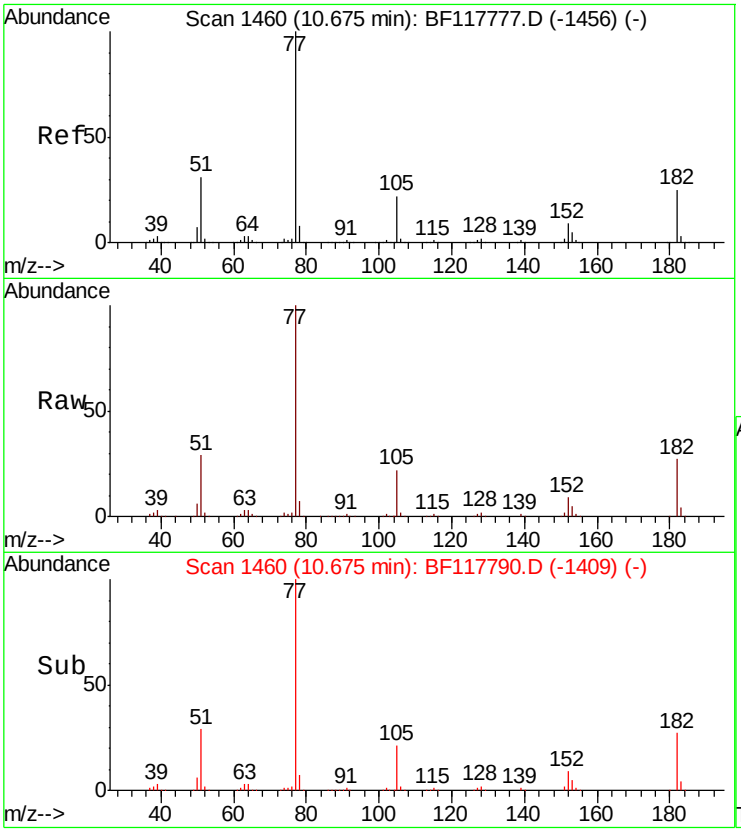


#62
4-Nitroaniline
Concen: 9.677 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.02 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Tgt Ion:138 Resp: 95067

Ion	Ratio	Lower	Upper
138	100		
92	47.9	28.3	68.3
108	71.1	54.3	94.3



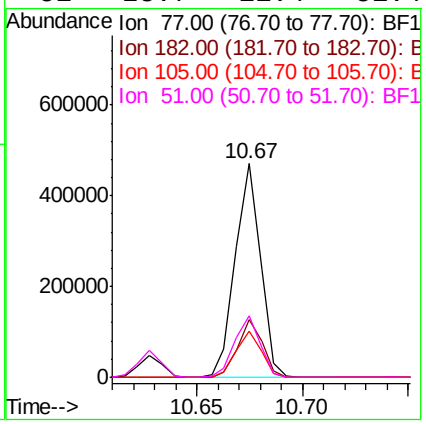


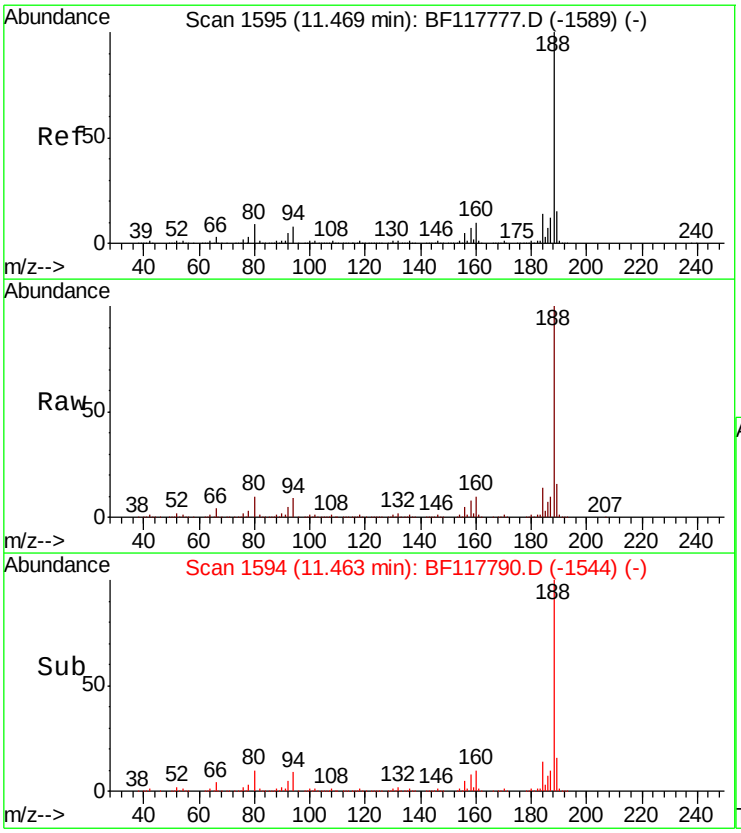
#63
Azobenzene
Concen: 11.633 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tgt Ion: 77 Resp: 387132

Ion	Ratio	Lower	Upper
77	100		
182	26.7	4.8	44.8
105	21.8	2.1	42.1
51	28.7	11.4	51.4

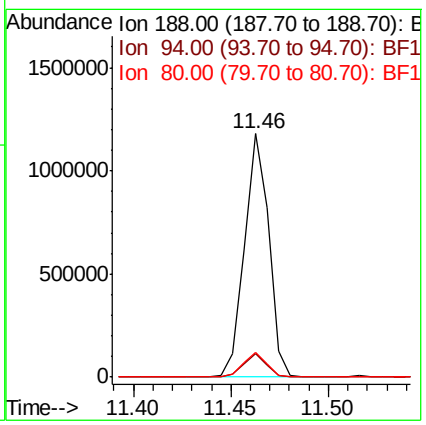


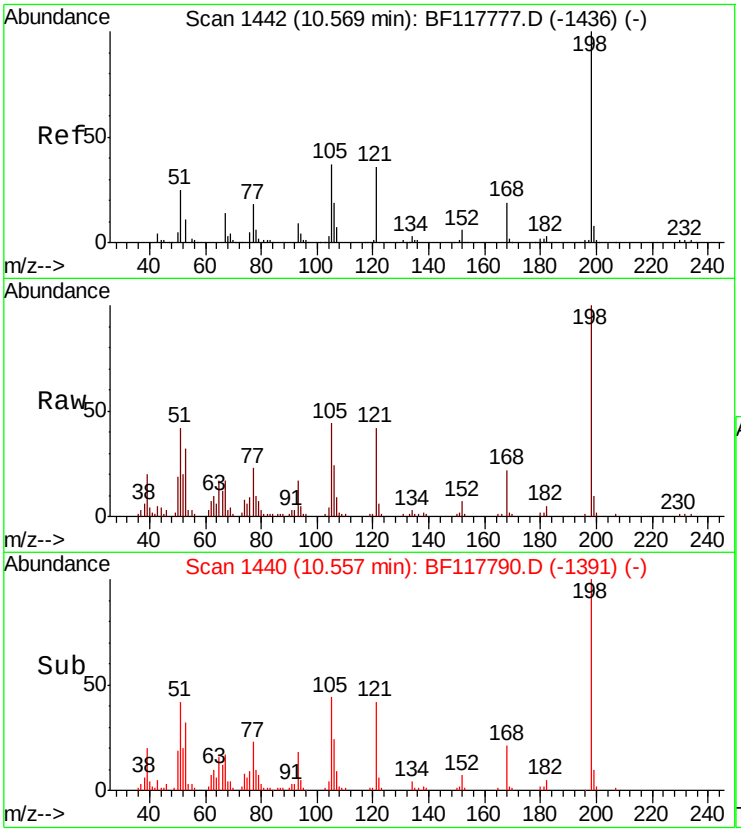


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Tgt Ion:188 Resp: 1018322

Ion	Ratio	Lower	Upper
188	100		
94	9.5	6.6	10.0
80	10.3	7.2	10.8



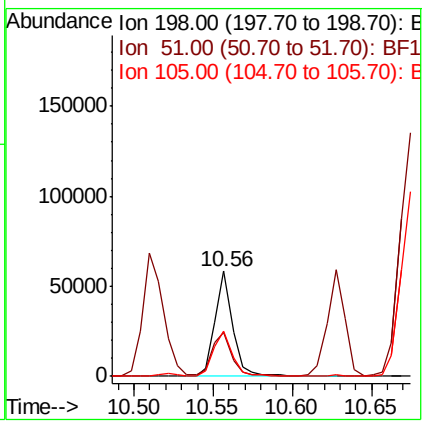


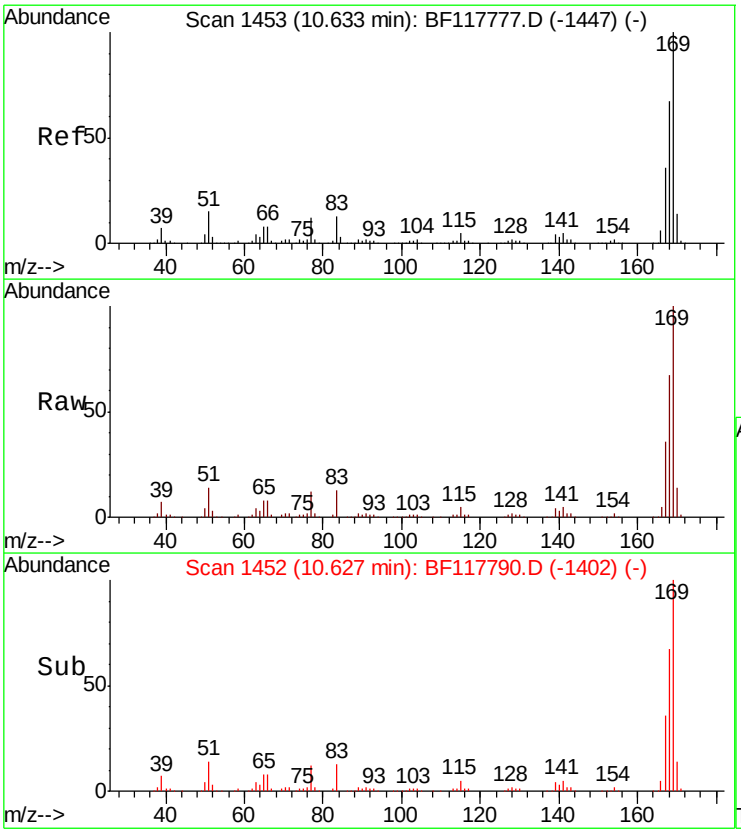
#65
4,6-Dinitro-2-methylphenol
Concen: 9.448 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tgt Ion:198 Resp: 44914

Ion	Ratio	Lower	Upper
198	100		
51	41.9	16.0	56.0
105	43.6	19.1	59.1

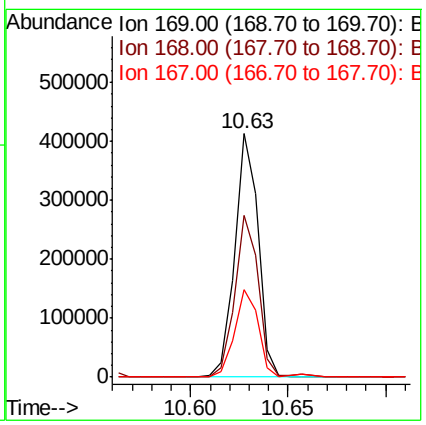


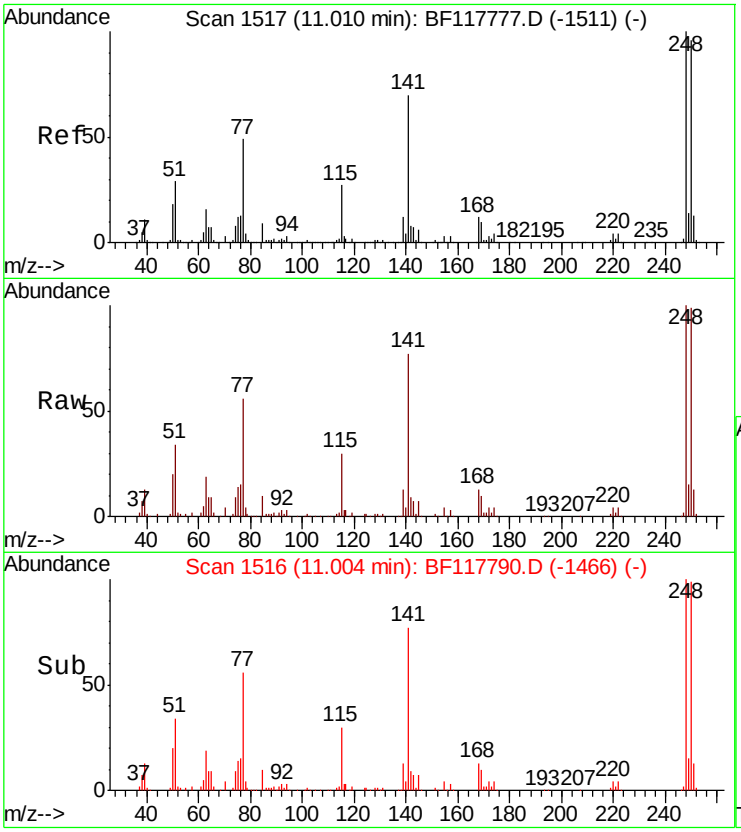


#66
n-Nitrosodiphenylamine
Concen: 11.531 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Tgt Ion:169 Resp: 341742

Ion	Ratio	Lower	Upper
169	100		
168	66.7	53.5	80.3
167	35.9	29.0	43.4



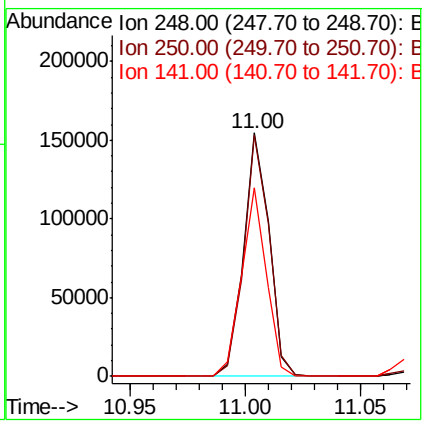


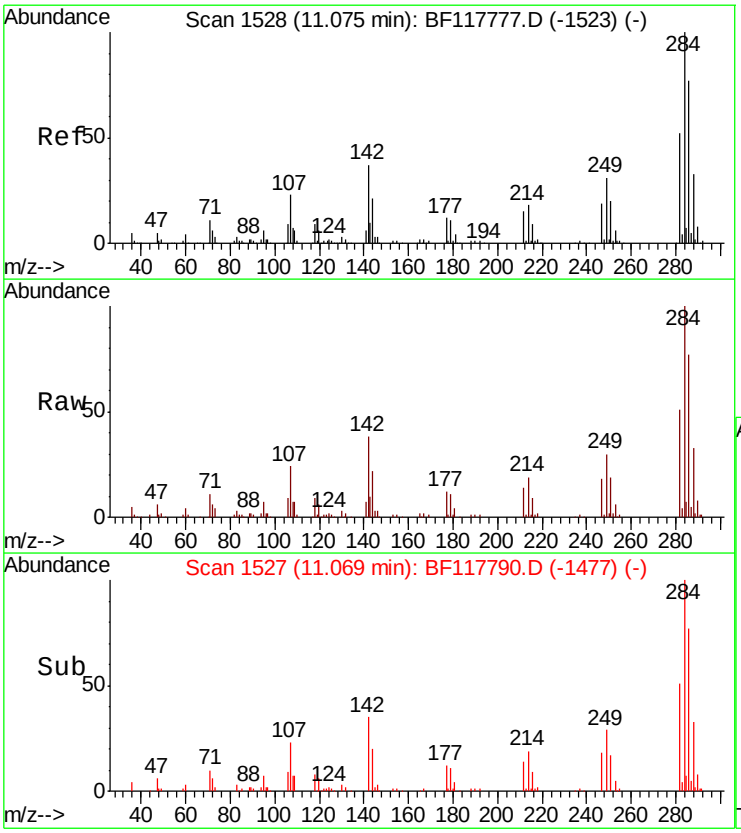
#67
4-Bromophenyl-phenylether
Concen: 10.914 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tgt Ion:248 Resp: 119922

Ion	Ratio	Lower	Upper
248	100		
250	99.2	76.6	115.0
141	77.2	55.9	83.9

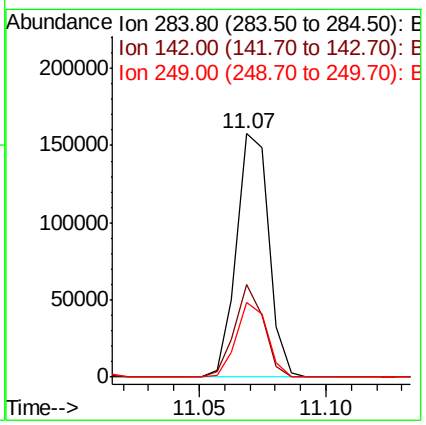


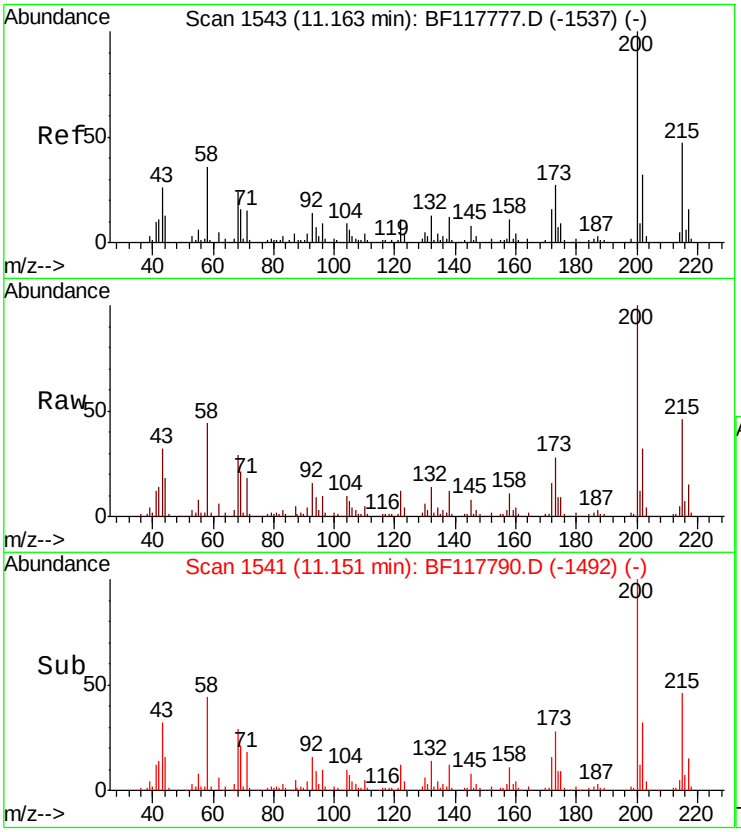


#68
Hexachlorobenzene
Concen: 10.939 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Tgt Ion:284 Resp: 140153

Ion	Ratio	Lower	Upper
284	100		
142	37.8	29.4	44.2
249	30.4	24.6	37.0



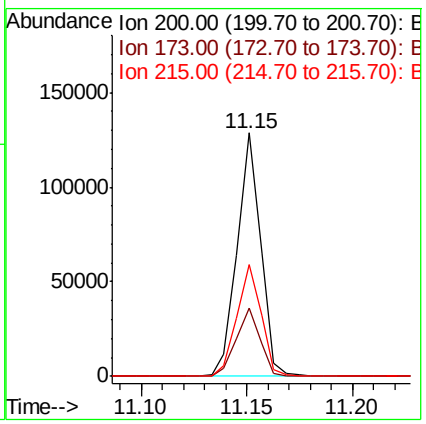


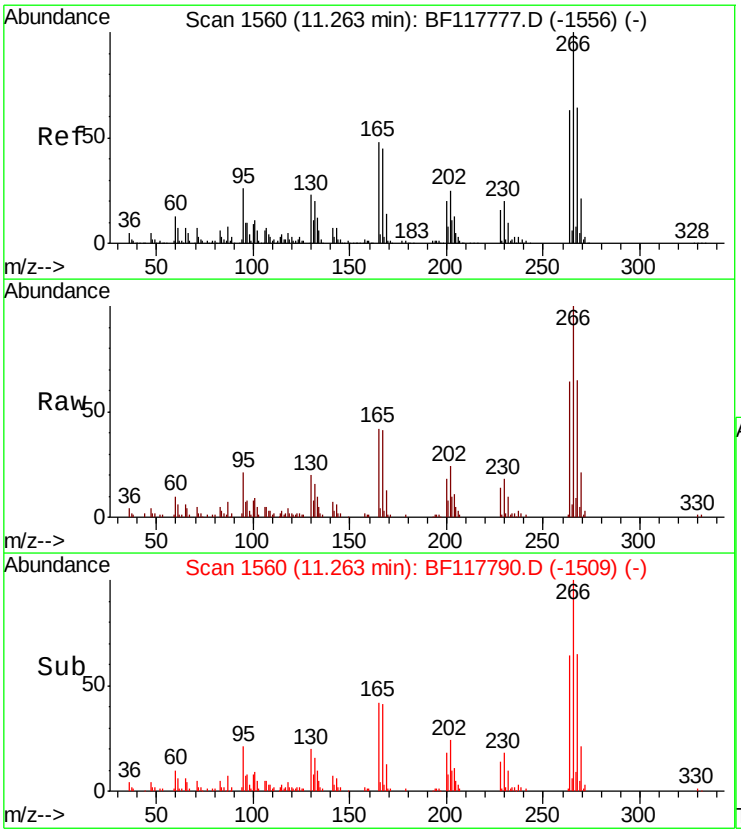
#69
Atrazine
Concen: 10.113 ng
RT: 11.15 min Scan# 1541
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tgt Ion:200 Resp: 98588

Ion	Ratio	Lower	Upper
200	100		
173	27.9	6.7	46.7
215	46.0	27.5	67.5

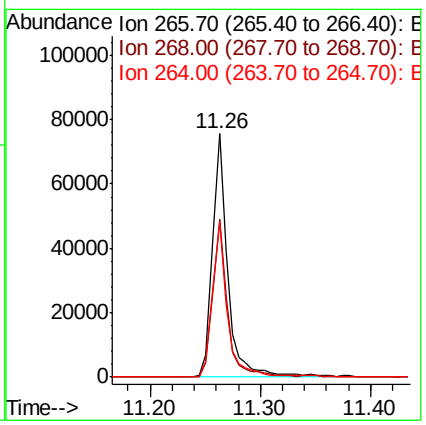


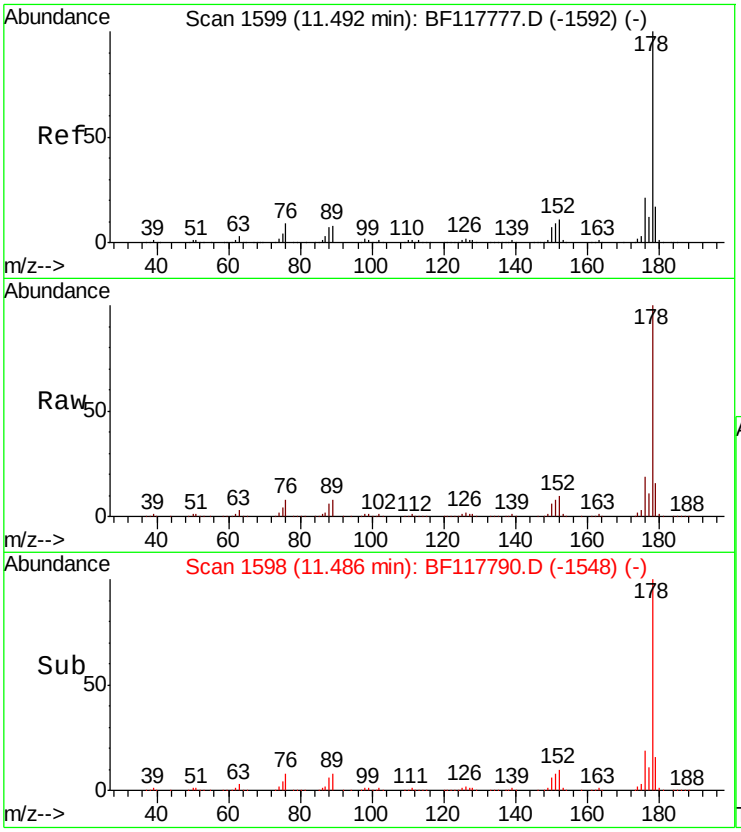


#70
Pentachlorophenol
Concen: 9.709 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Tgt Ion:266 Resp: 72672

Ion	Ratio	Lower	Upper
266	100		
268	64.9	50.8	76.2
264	63.8	50.7	76.1



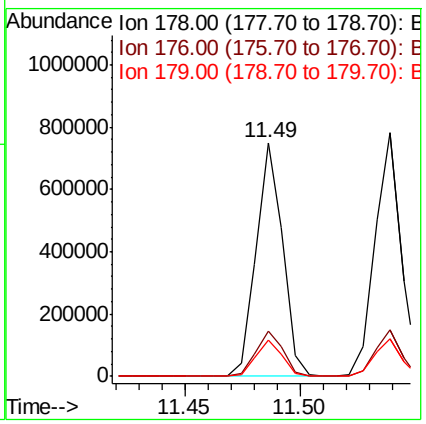


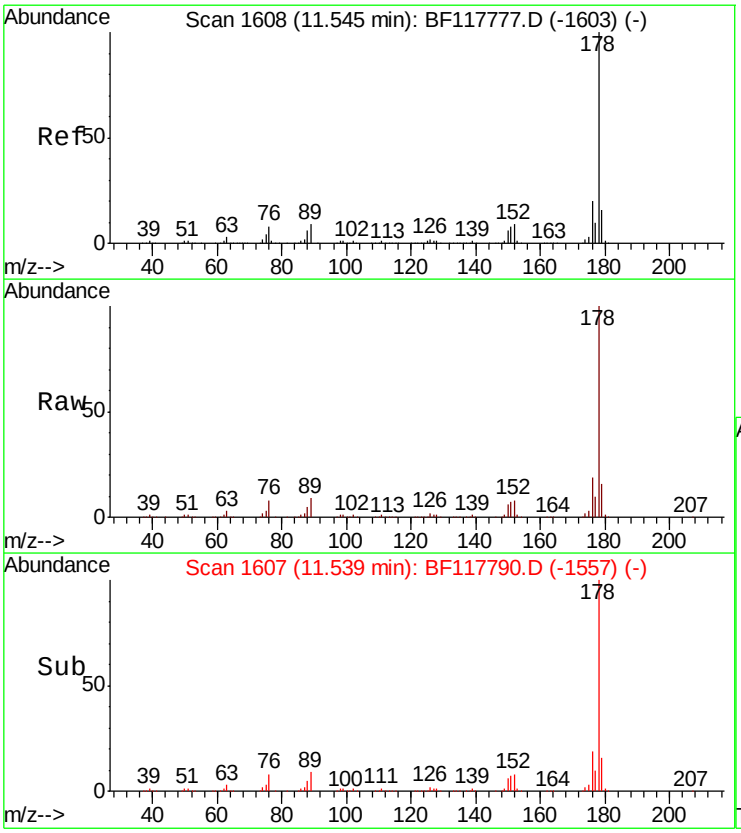
#71
Phenanthrene
Concen: 11.807 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tgt Ion:178 Resp: 604511

Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.6	25.0
179	15.7	13.2	19.8

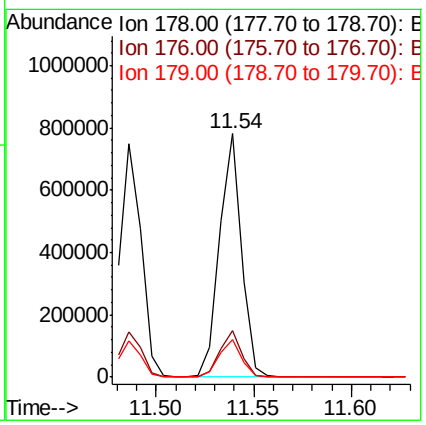


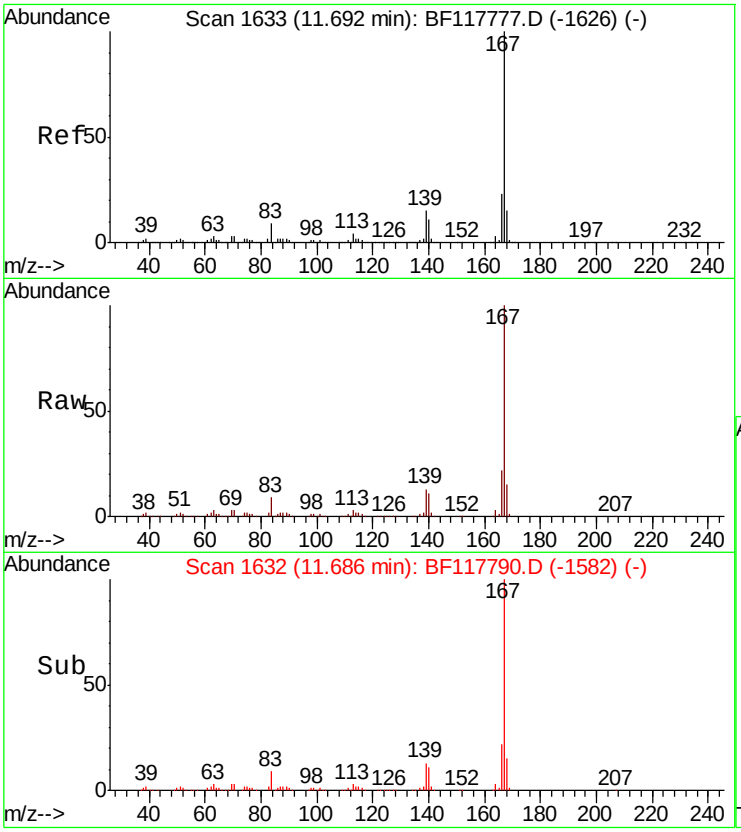


#72
Anthracene
Concen: 12.046 ng
RT: 11.54 min Scan# 1607
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Tgt Ion:178 Resp: 611496

Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.1	24.1
179	15.5	13.0	19.4



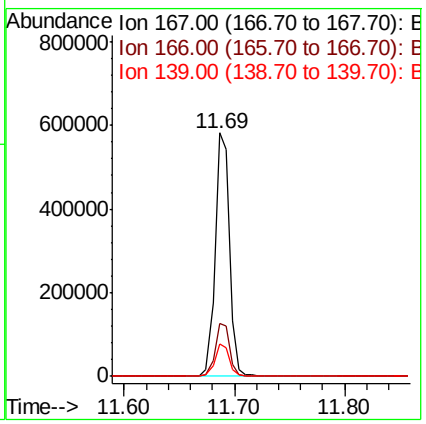


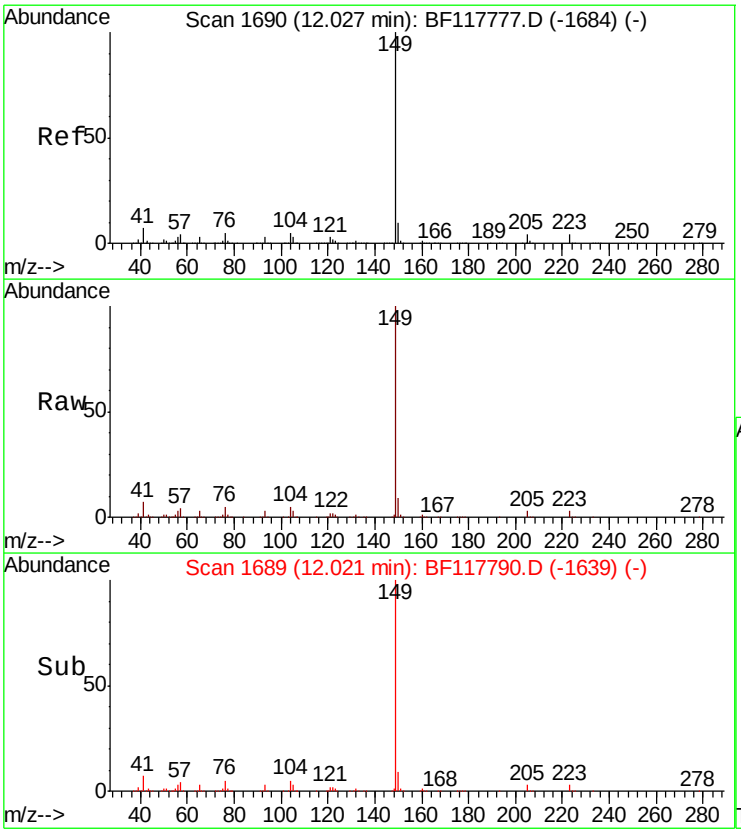
#73
Carbazole
Concen: 11.818 ng
RT: 11.69 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tgt Ion:167 Resp: 524226

Ion	Ratio	Lower	Upper
167	100		
166	21.6	18.0	27.0
139	13.4	11.7	17.5

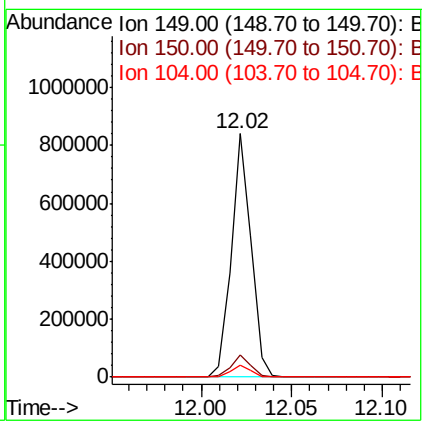


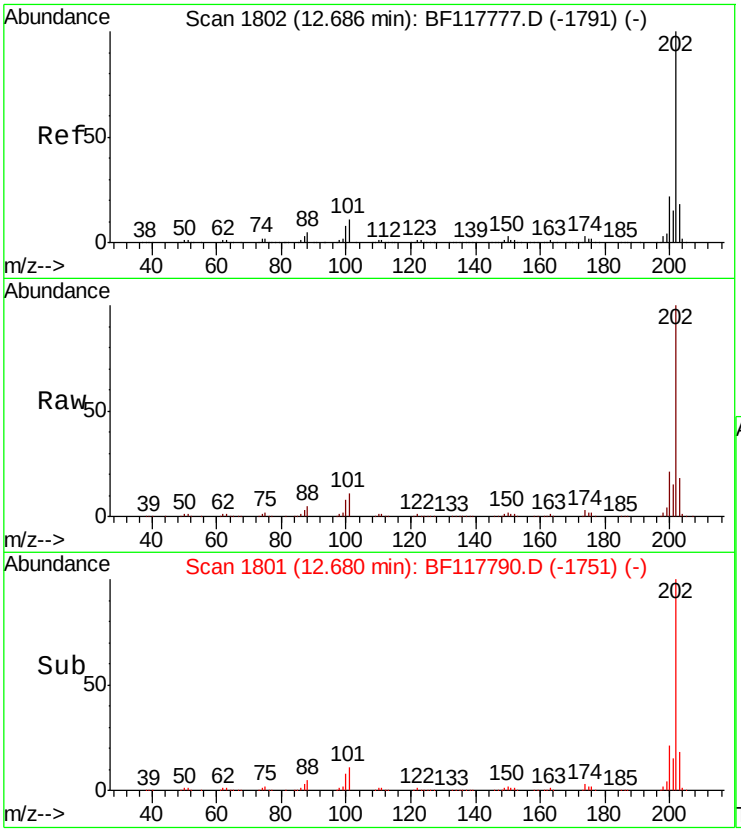


#74
Di-n-butylphthalate
Concen: 11.512 ng
RT: 12.02 min Scan# 1689
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Tgt Ion:149 Resp: 635814

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.9	11.9
104	5.0	4.2	6.4



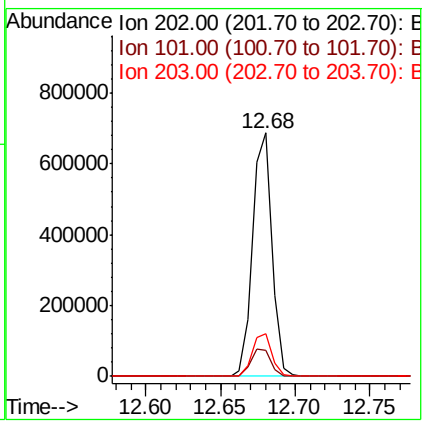


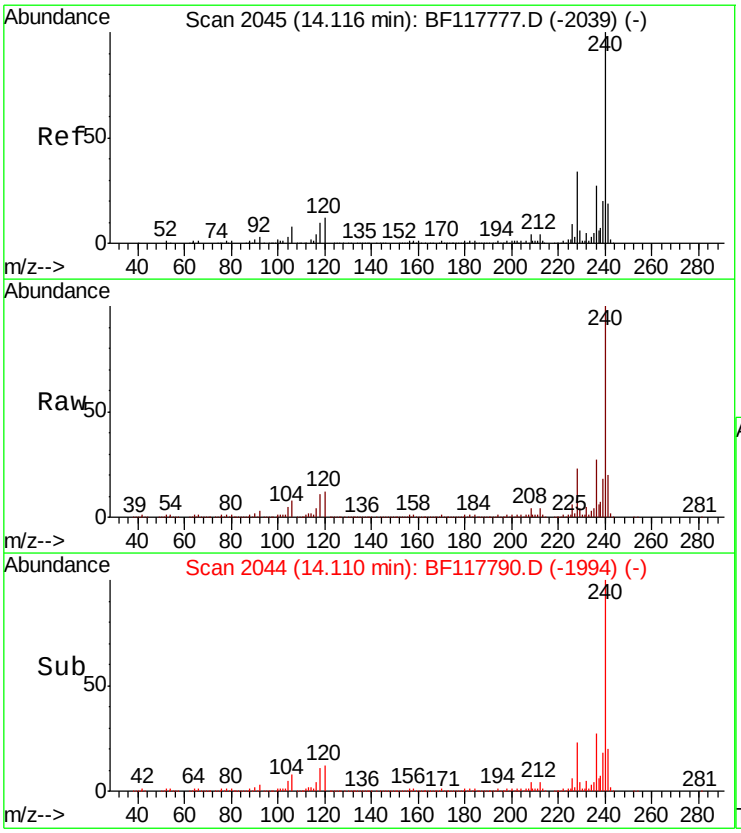
#75
Fluoranthene
Concen: 12.299 ng
RT: 12.68 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tgt Ion:202 Resp: 609159

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	31.1
203	17.7	0.0	38.2

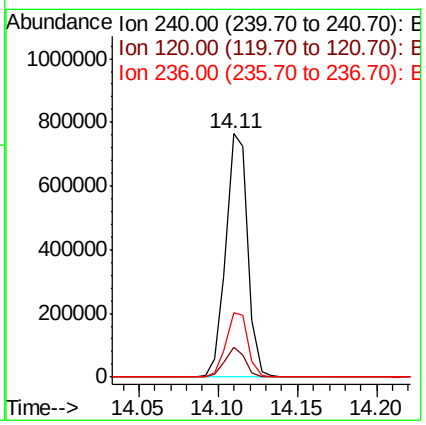


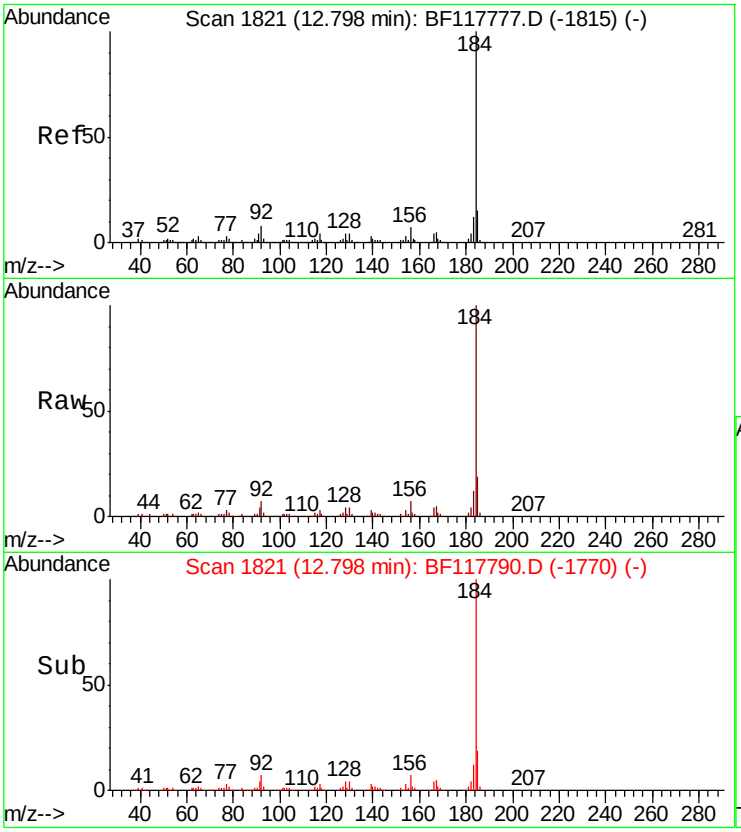


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Tgt Ion:240 Resp: 731709

Ion	Ratio	Lower	Upper
240	100		
120	12.4	9.5	14.3
236	26.6	21.3	31.9



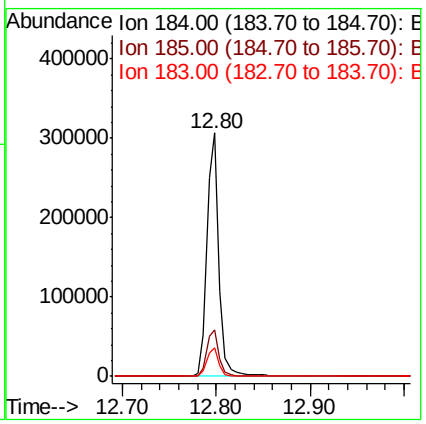


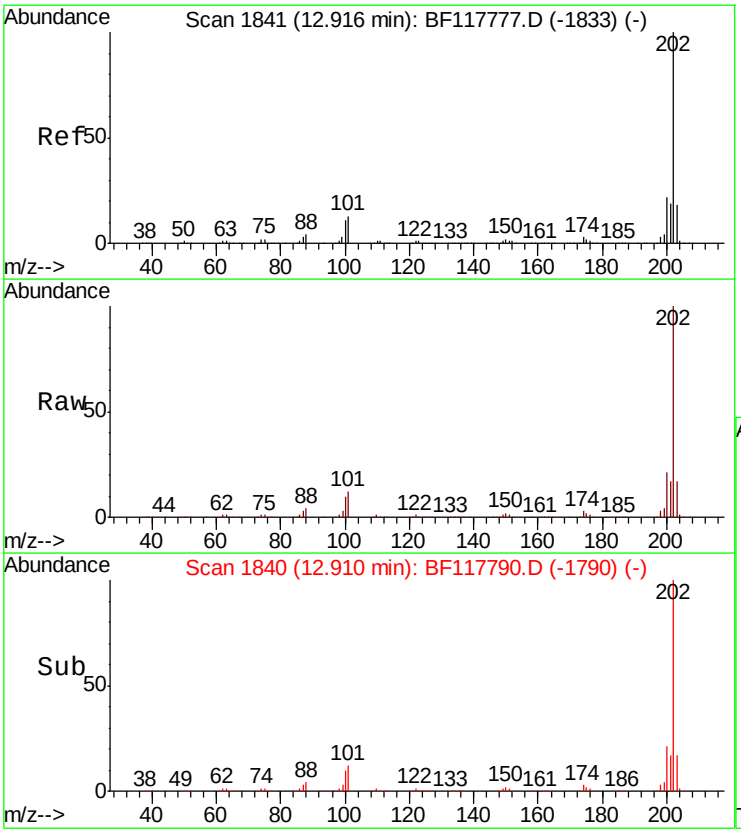
#77
Benzidine
Concen: 11.414 ng
RT: 12.80 min Scan# 1821
Delta R.T. 0.00 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tgt Ion:184 Resp: 273562

Ion	Ratio	Lower	Upper
184	100		
185	19.3	12.2	18.4#
183	11.9	9.5	14.3

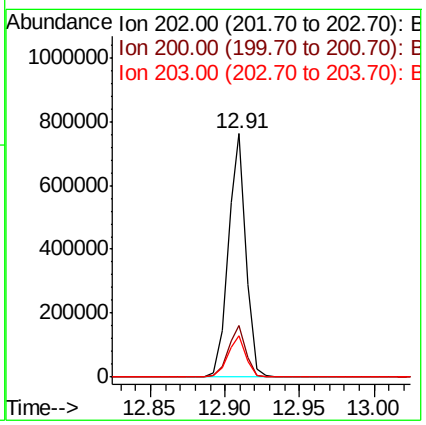


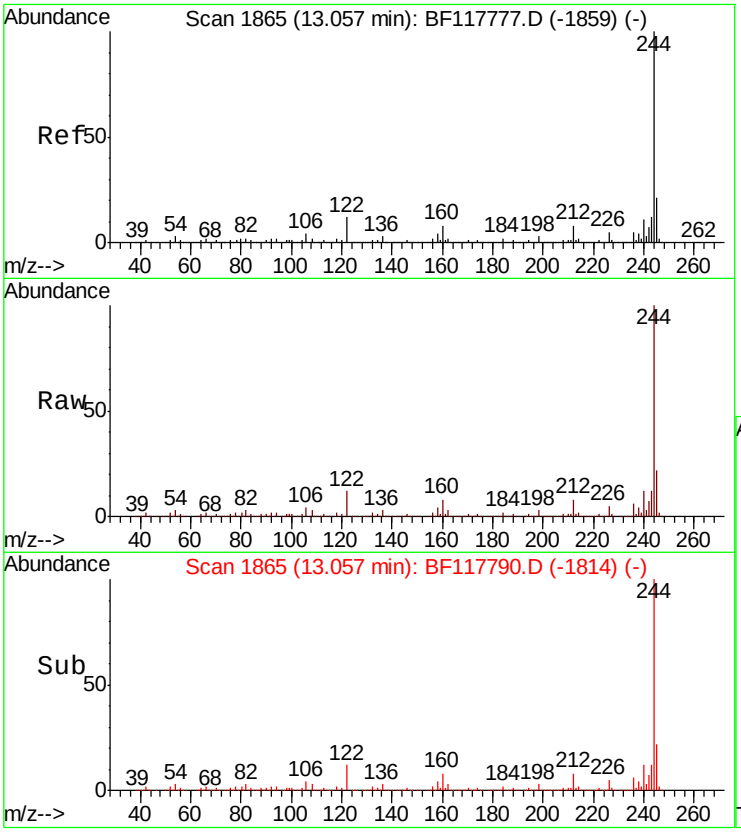


#78
Pyrene
Concen: 10.706 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Tgt Ion:202 Resp: 633103

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.8	26.8
203	16.9	14.6	22.0



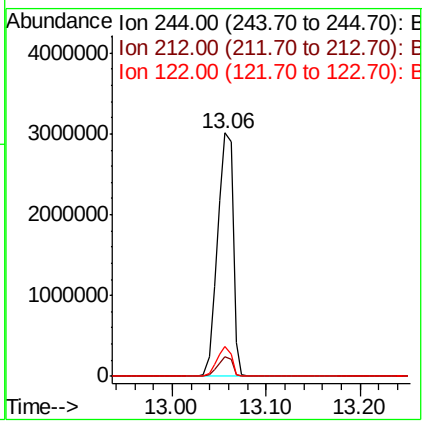


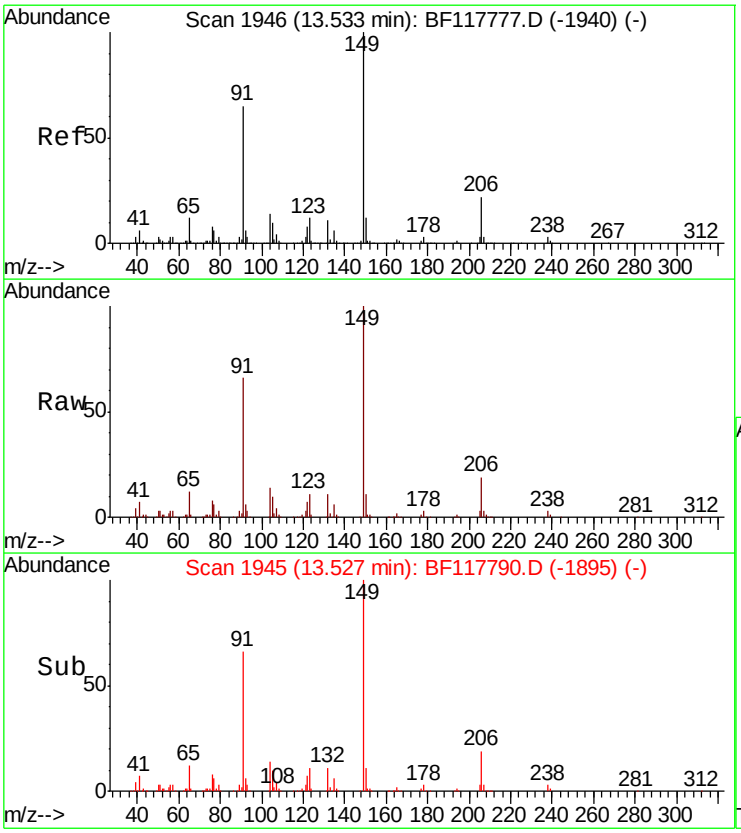
#79
Terphenyl-d14
Concen: 87.366 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.00 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tgt Ion:244 Resp: 3497803

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.3	9.5
122	12.4	9.4	14.2

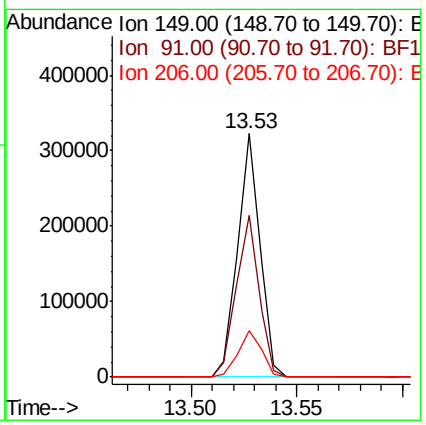


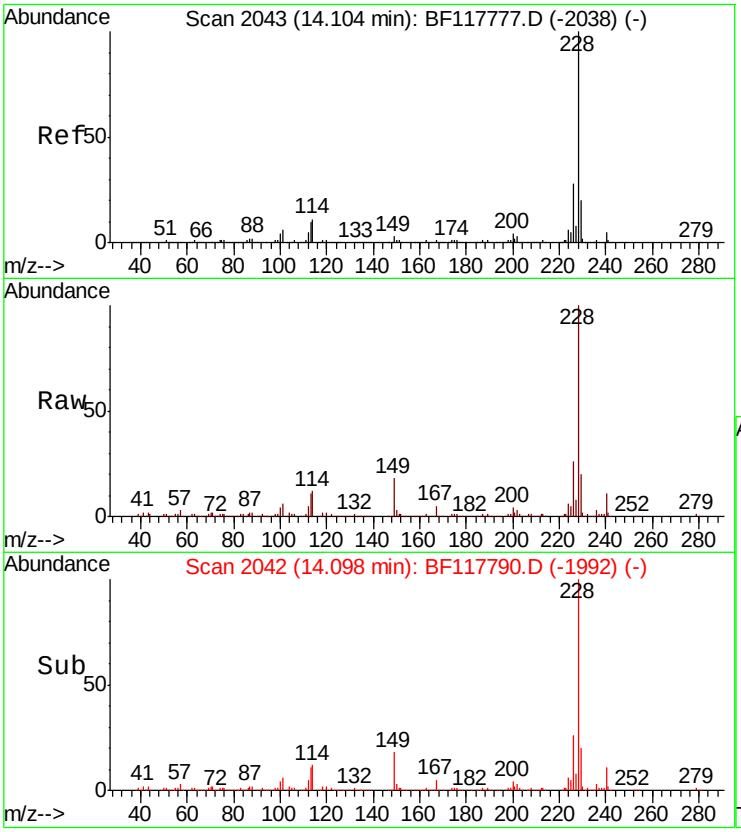


#80
Butylbenzylphthalate
Concen: 9.276 ng
RT: 13.53 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Tgt Ion:149 Resp: 235595

Ion	Ratio	Lower	Upper
149	100		
91	66.4	51.9	77.9
206	19.3	17.2	25.8



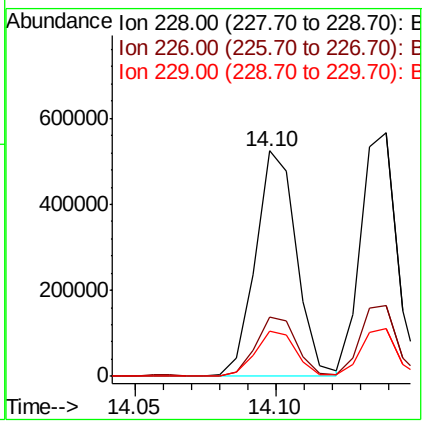


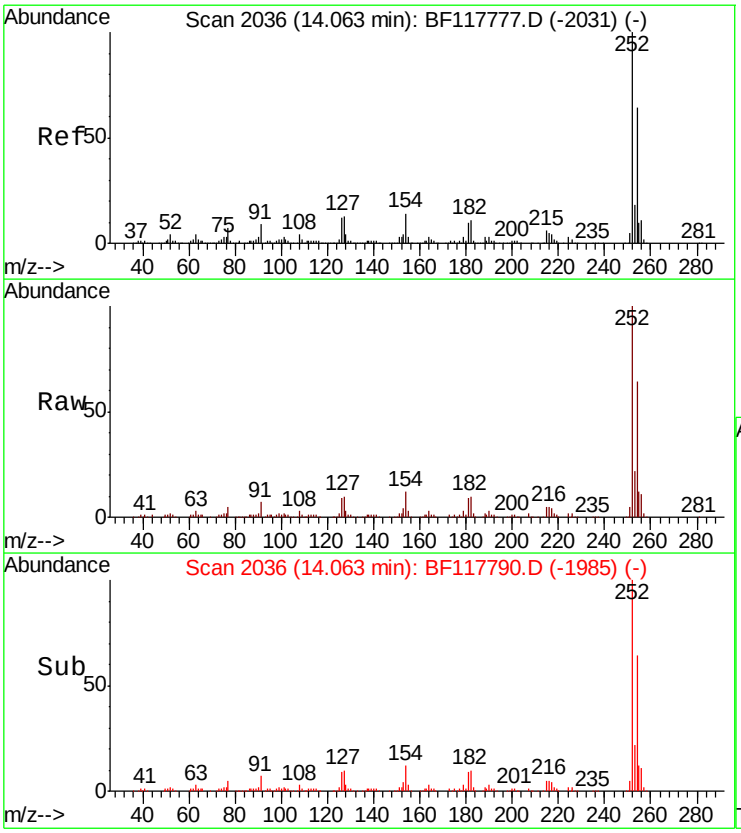
#81
Benzo(a)anthracene
Concen: 10.891 ng
RT: 14.10 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tgt Ion:228 Resp: 526623

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

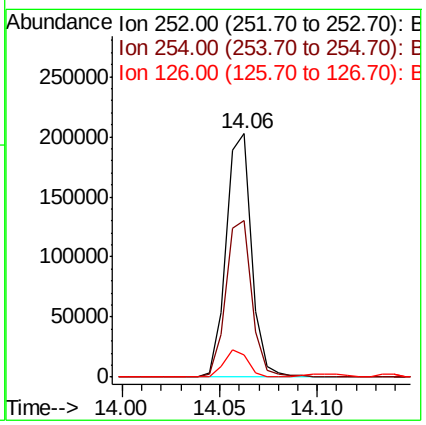


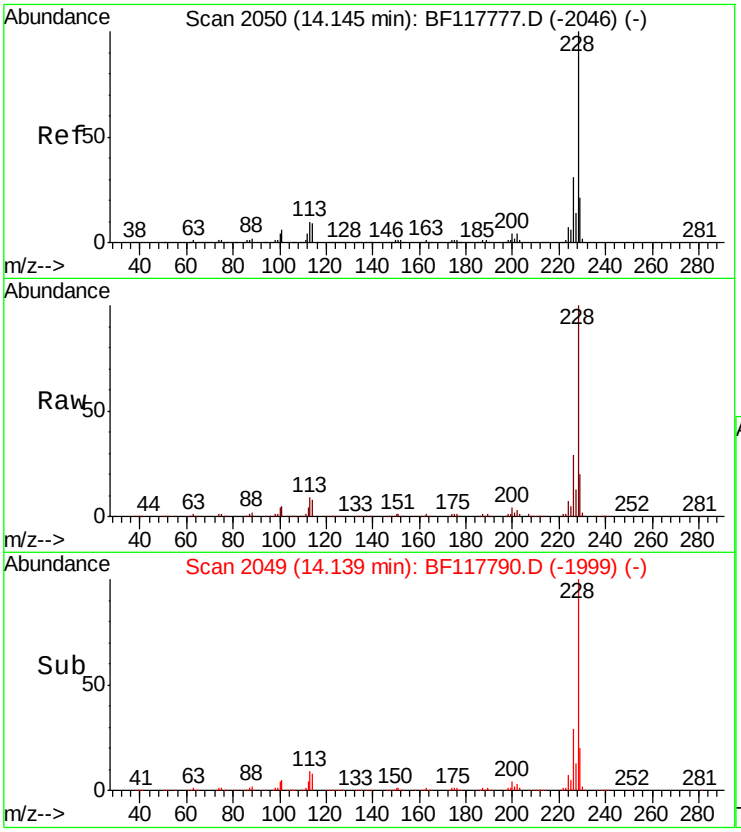


#82
3,3'-Dichlorobenzidine
Concen: 10.837 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Tgt Ion:252 Resp: 183292

Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.0	76.6
126	9.4	9.7	14.5#



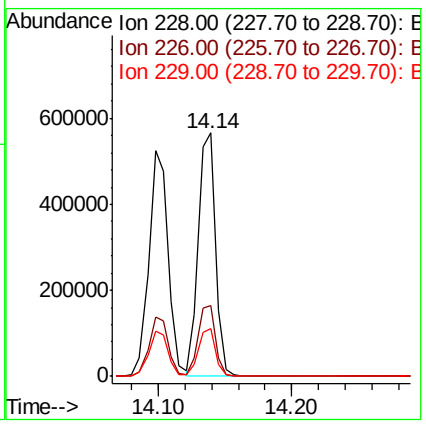


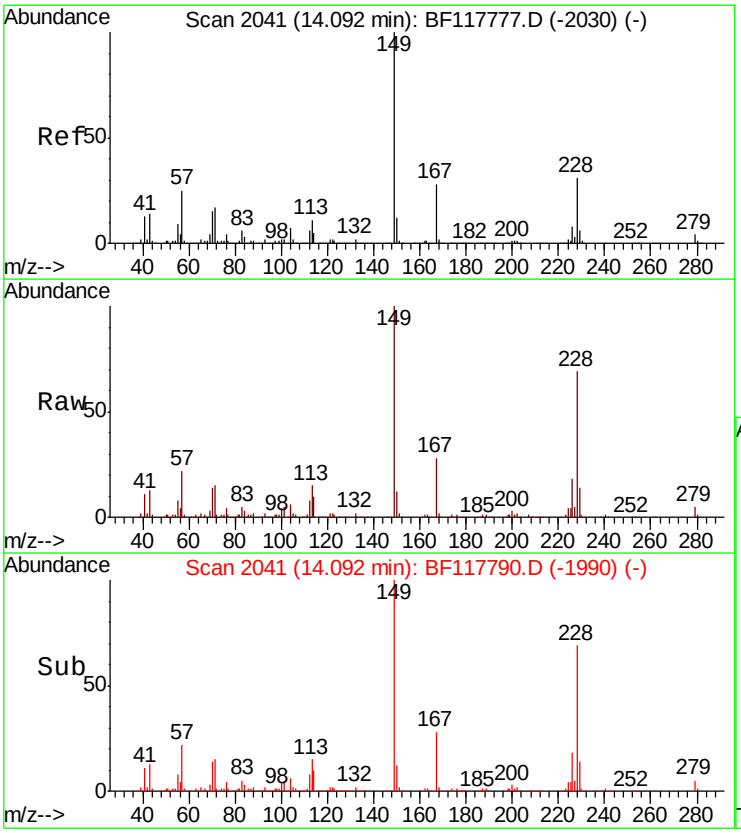
#83
Chrysene
Concen: 10.719 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tgt Ion:228 Resp: 502229

Ion	Ratio	Lower	Upper
228	100		
226	29.2	25.0	37.4
229	19.6	16.6	25.0

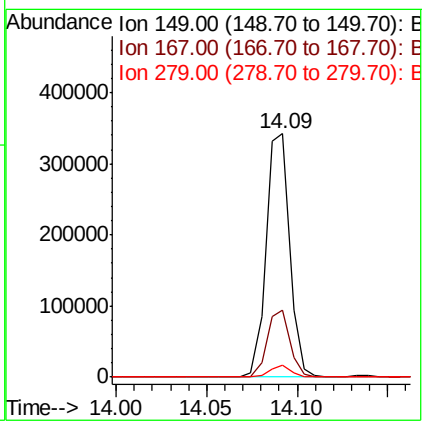


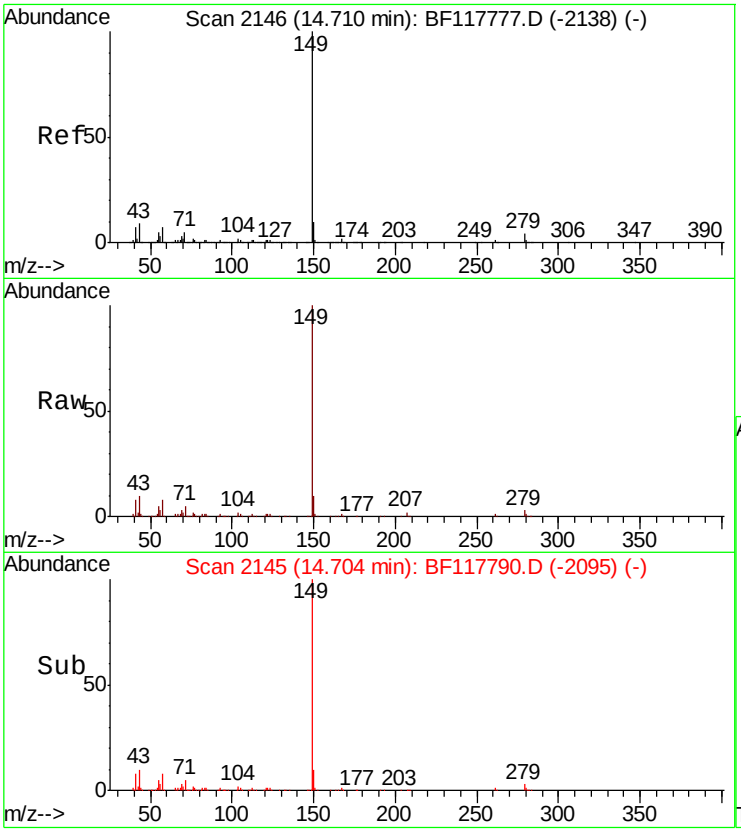


#84
Bis(2-ethylhexyl)phthalate
Concen: 10.076 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.00 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Tgt Ion:149 Resp: 310260

Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.2	33.2
279	4.7	3.4	5.2



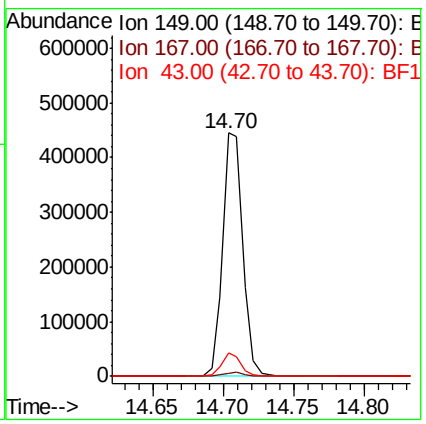


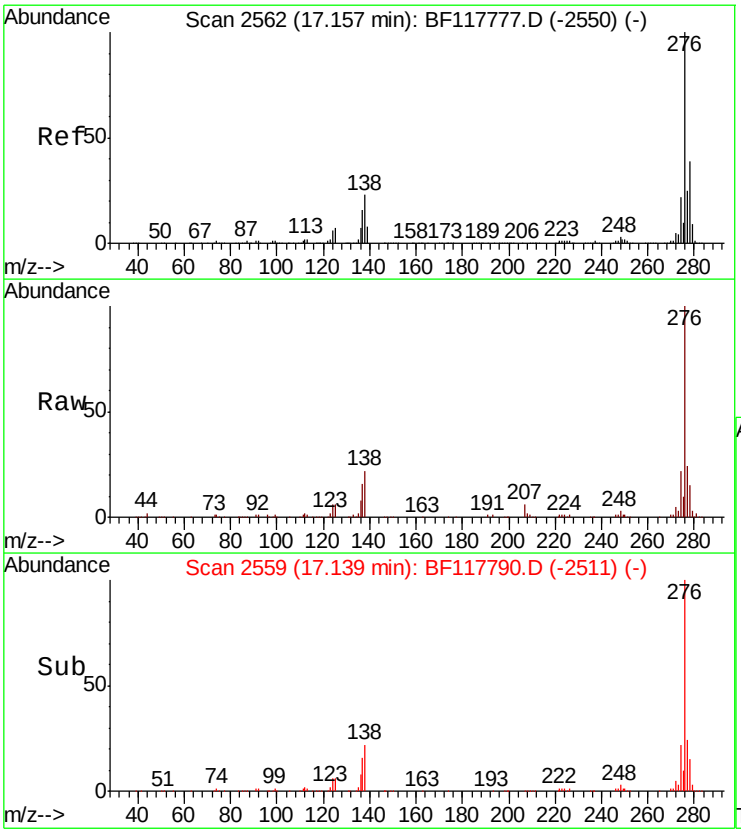
#85
Di-n-octyl phthalate
Concen: 9.732 ng
RT: 14.70 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tgt Ion:149 Resp: 440232

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.4	7.4	11.2

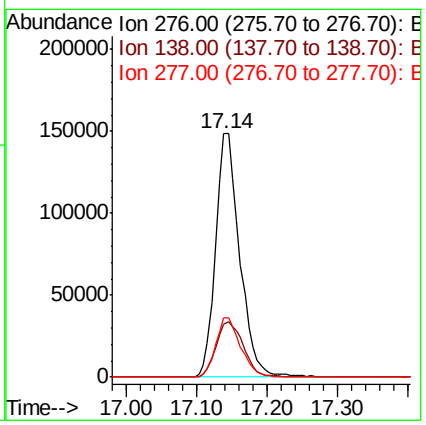


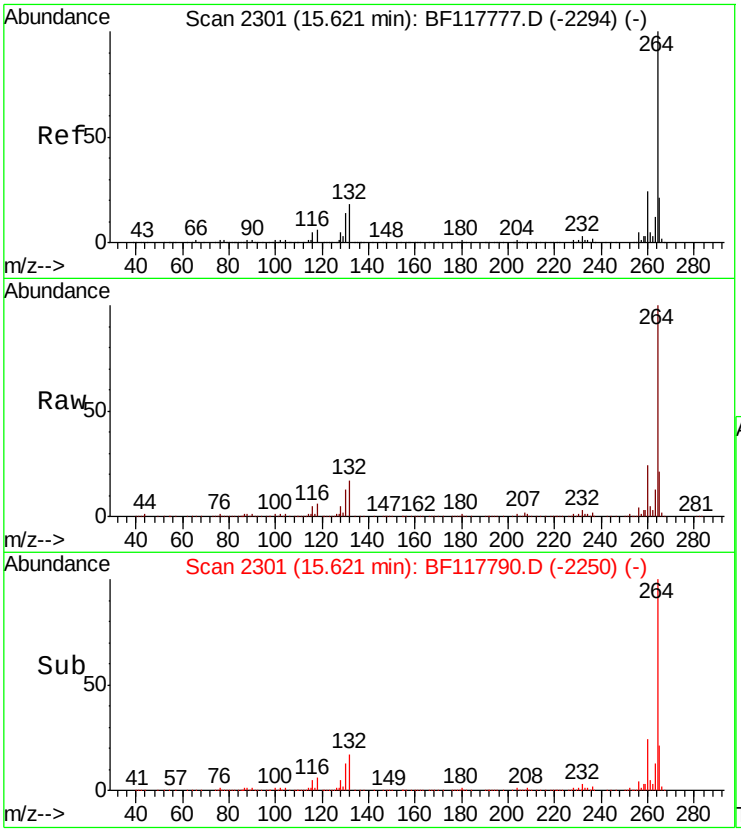


#86
Indeno(1,2,3-cd)pyrene
Concen: 8.829 ng
RT: 17.14 min Scan# 2559
Delta R.T. -0.02 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Tgt Ion:276 Resp: 352055

Ion	Ratio	Lower	Upper
276	100		
138	25.8	20.9	31.3
277	25.0	20.3	30.5



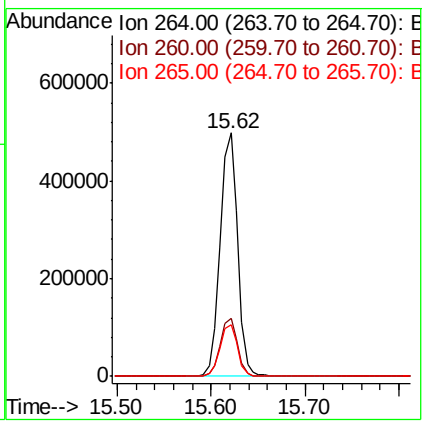


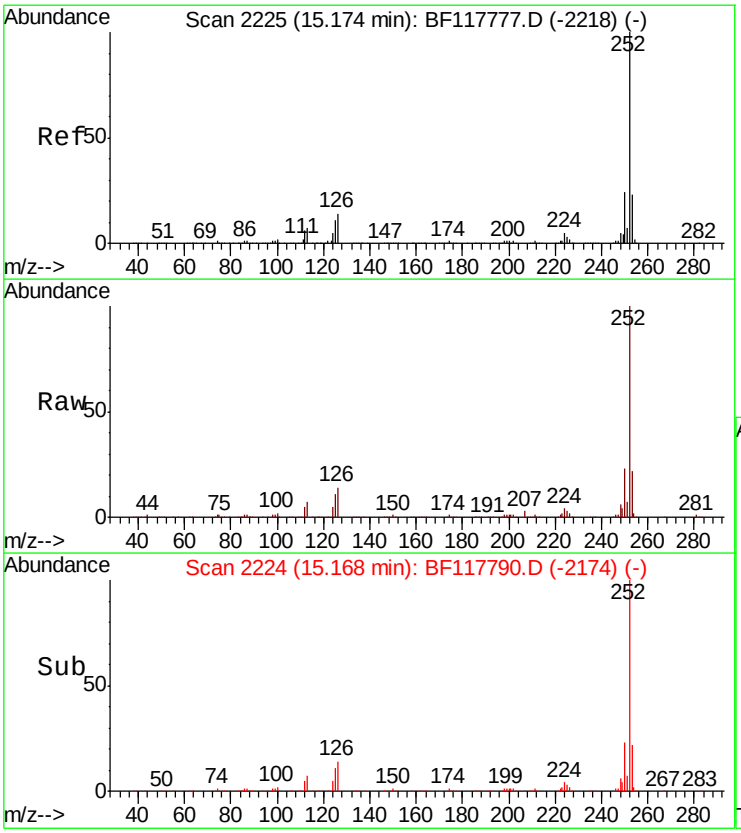
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.00 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tgt Ion:264 Resp: 646546

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.0
265	21.4	17.1	25.7

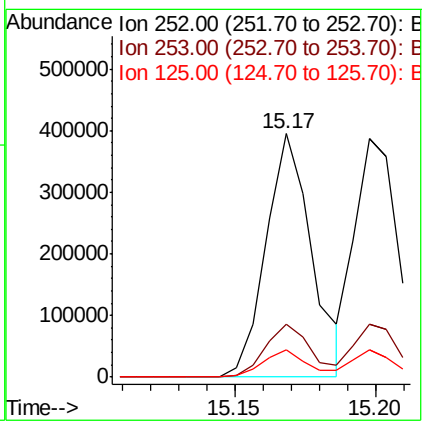


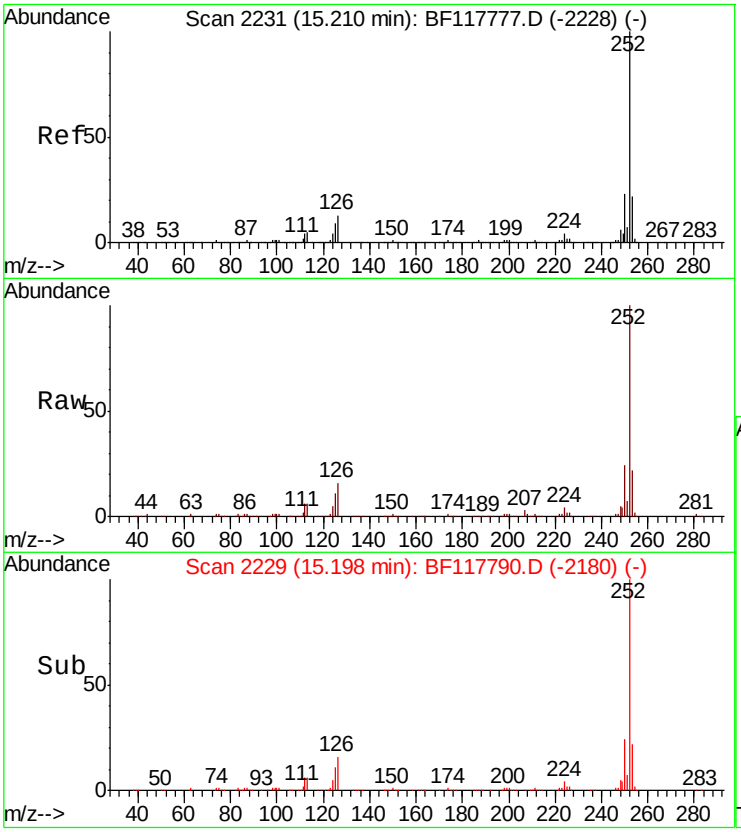


#88
Benzo(b)fluoranthene
Concen: 10.564 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Tgt Ion:252 Resp: 443752

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.0	27.0
125	11.1	8.6	13.0



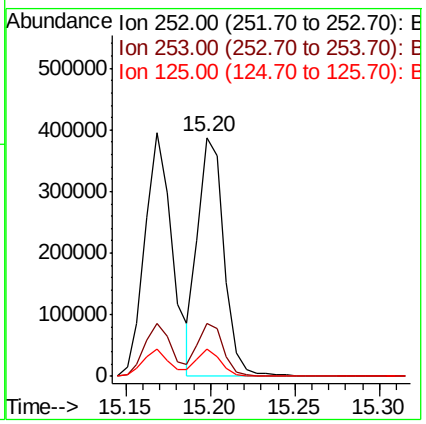


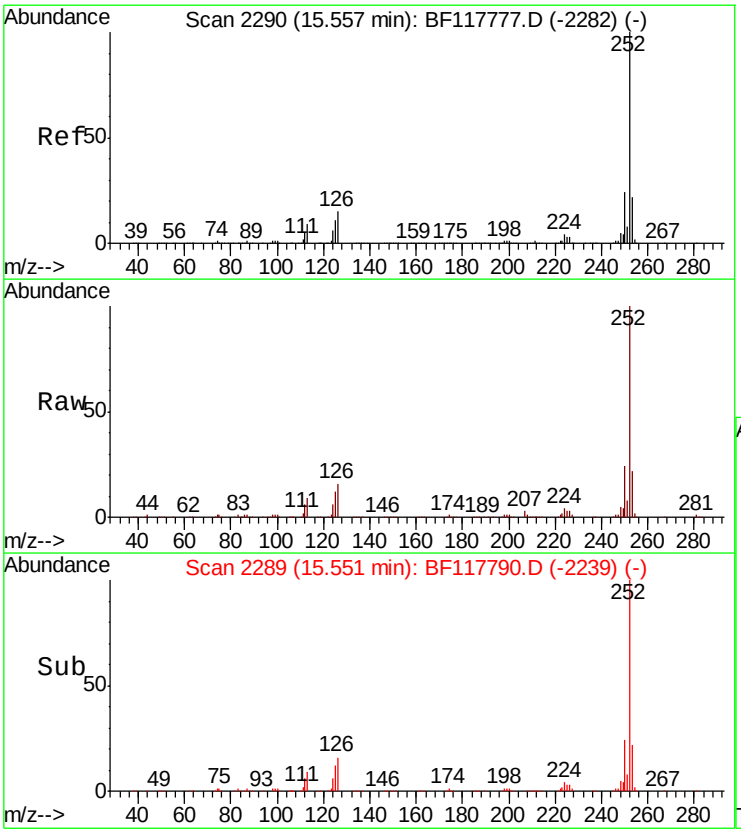
#89
Benzo(k)fluoranthene
Concen: 10.541 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tgt Ion:252 Resp: 417196

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	11.4	7.9	11.9

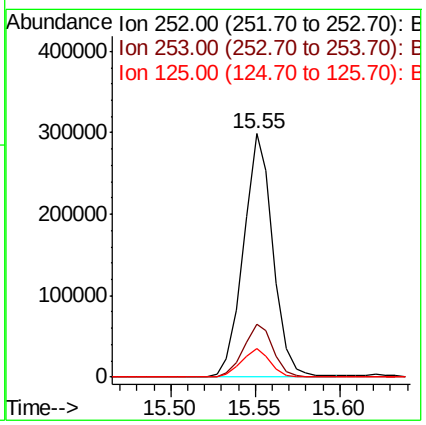


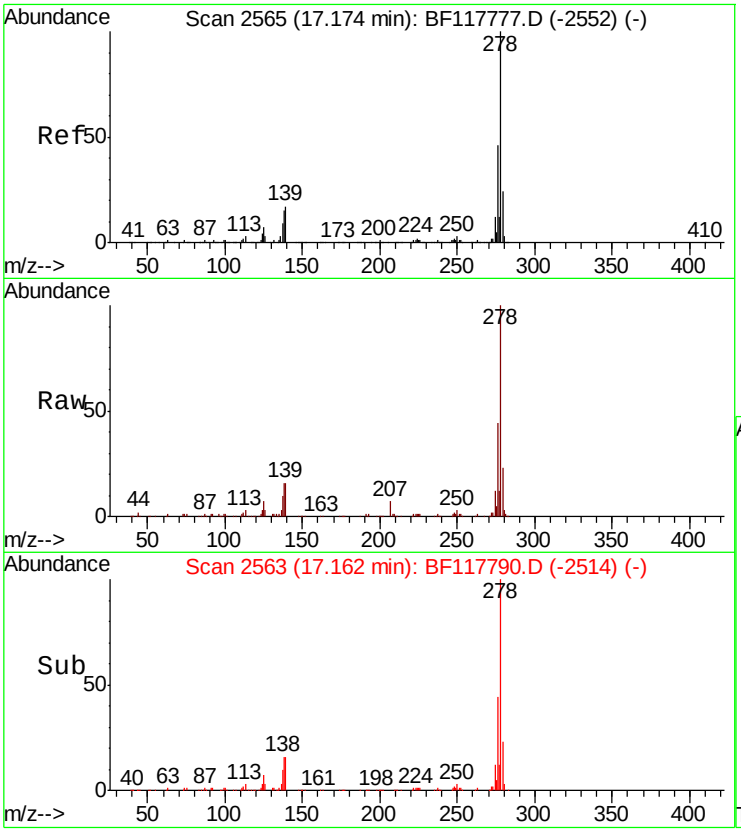


#90
Benzo(a)pyrene
Concen: 9.836 ng
RT: 15.55 min Scan# 2289
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Tgt Ion:252 Resp: 363322

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	11.9	9.2	13.8



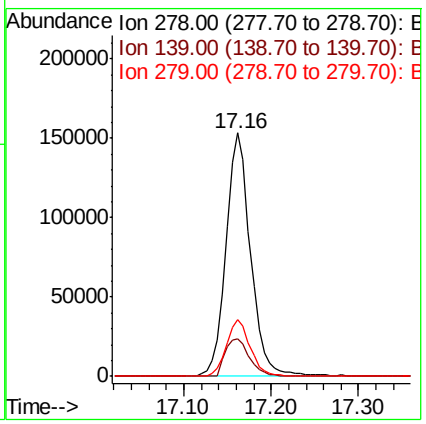


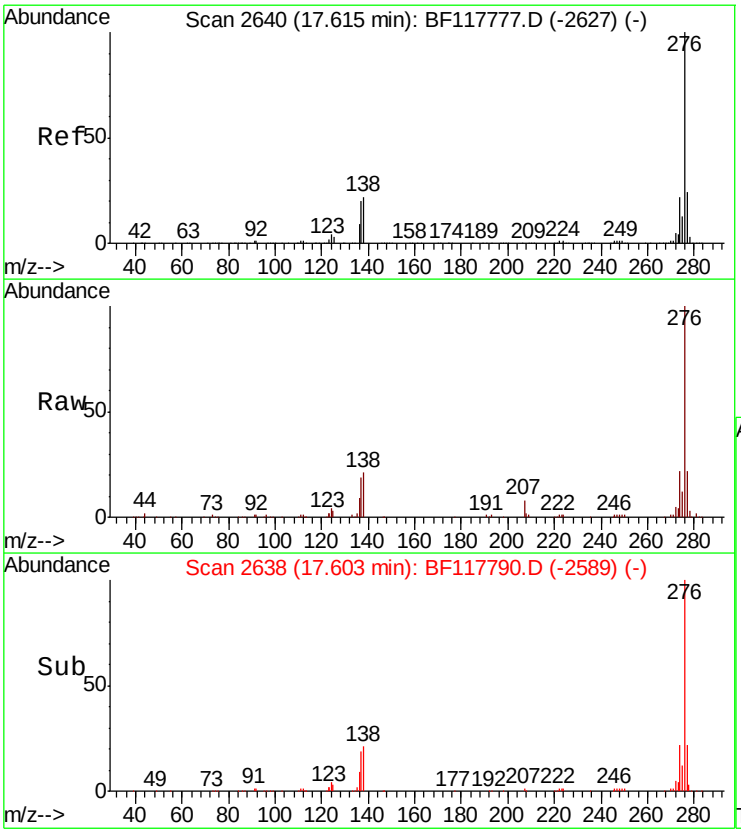
#91
Dibenzo(a,h)anthracene
Concen: 9.255 ng
RT: 17.16 min Scan# 2563
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tgt Ion:278 Resp: 294235

Ion	Ratio	Lower	Upper
278	100		
139	15.5	13.8	20.8
279	23.1	19.6	29.4

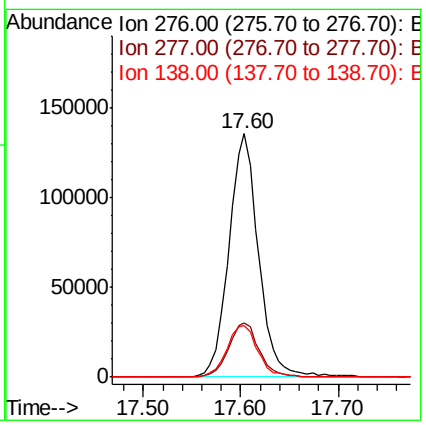




#92
Benzo(g,h,i)perylene
Concen: 9.003 ng
RT: 17.60 min Scan# 2638
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Tgt Ion:276 Resp: 285105

Ion	Ratio	Lower	Upper
276	100		
277	22.3	18.9	28.3
138	21.3	17.4	26.2



Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111419\
Data File : BF117790.D
Acq On : 14 Nov 2019 12:01
Operator : JU
Sample : K5111-08
Misc : LOQ-WTR-10PPM
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT4-2019

Quant Time: Nov 14 13:28:52 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	251902	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	988568	20.00	ng		0.00
39) Acenaphthene-d10	9.97	164	535052	20.00	ng		0.00
64) Phenanthrene-d10	11.46	188	1018322	20.00	ng		0.00
76) Chrysene-d12	14.11	240	731709	20.00	ng		0.00
87) Perylene-d12	15.62	264	646546	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	1911961	134.35	ng		0.00
7) Phenol-d6	6.55	99	2300866	134.05	ng		0.00
23) Nitrobenzene-d5	7.49	82	1674807	100.71	ng		0.00
42) 2,4,6-Tribromophenol	10.77	330	767872	135.56	ng		0.00
45) 2-Fluorobiphenyl	9.29	172	2976754	99.81	ng		0.00
79) Terphenyl-d14	13.06	244	3497803	87.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	69232	10.408	ng		98
3) Pyridine	3.52	79	169309	9.703	ng		97
4) n-Nitrosodimethylamine	3.41	42	80351	10.549	ng		96
6) Aniline	6.59	93	264660	11.668	ng		99
8) 2-Chlorophenol	6.71	128	180531	11.691	ng		94
9) Benzaldehyde	6.47	77	148385	13.839	ng		100
10) Phenol	6.56	94	205291	11.509	ng		96
11) bis(2-Chloroethyl)ether	6.66	93	166360	11.614	ng		97
12) 1,3-Dichlorobenzene	6.86	146	203108	11.172	ng		98
13) 1,4-Dichlorobenzene	6.94	146	209519	11.402	ng		99
14) 1,2-Dichlorobenzene	7.10	146	197338	11.229	ng		98
15) Benzyl Alcohol	7.06	79	138770	10.472	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.20	45	241561	10.954	ng		99
17) 2-Methylphenol	7.16	107	149943	11.466	ng		98
18) Hexachloroethane	7.44	117	72924	10.803	ng		92
19) n-Nitroso-di-n-propylamine	7.33	70	127082	12.001	ng		98
20) 3+4-Methylphenols	7.32	107	194179	11.962	ng		97
22) Acetophenone	7.33	105	260132	11.712	ng	#	96
24) Nitrobenzene	7.50	77	197645	11.521	ng		98
25) Isophorone	7.74	82	344377	11.299	ng		97
26) 2-Nitrophenol	7.82	139	90032	10.782	ng		97
27) 2,4-Dimethylphenol	7.85	122	156628	12.071	ng		100
28) bis(2-Chloroethoxy)methane	7.95	93	214235	11.076	ng		99
29) 2,4-Dichlorophenol	8.06	162	151835	10.788	ng		98
30) 1,2,4-Trichlorobenzene	8.15	180	175780	10.767	ng		99
31) Naphthalene	8.23	128	559725	12.145	ng		97
32) Benzoic acid	7.92	122	68266	6.284	ng		96
33) 4-Chloroaniline	8.27	127	226575	10.982	ng		99
34) Hexachlorobutadiene	8.35	225	98607	10.331	ng		99
35) Caprolactam	8.61	113	47779	10.681	ng		94
36) 4-Chloro-3-methylphenol	8.75	107	156771	10.976	ng		99
37) 2-Methylnaphthalene	8.92	142	385759	12.388	ng		98
38) 1-Methylnaphthalene	9.02	142	361577	12.282	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.09	216	168040	10.814	ng		99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111419\
Data File : BF117790.D
Acq On : 14 Nov 2019 12:01
Operator : JU
Sample : K5111-08
Misc : LOQ-WTR-10PPM
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT4-2019

Quant Time: Nov 14 13:28:52 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	94502	10.853	ng		100
43) 2,4,6-Trichlorophenol	9.20	196	111857	10.050	ng		98
44) 2,4,5-Trichlorophenol	9.23	196	121625	10.525	ng		99
46) 1,1'-Biphenyl	9.39	154	474069	11.943	ng		97
47) 2-Chloronaphthalene	9.42	162	359271	11.002	ng		98
48) 2-Nitroaniline	9.50	65	96590	9.797	ng		92
49) Acenaphthylene	9.83	152	574482	12.066	ng		98
50) Dimethylphthalate	9.68	163	416195	11.093	ng		99
51) 2,6-Dinitrotoluene	9.75	165	89018	10.856	ng		90
52) Acenaphthene	10.00	154	344551	11.297	ng		99
53) 3-Nitroaniline	9.91	138	95361	9.719	ng		97
54) 2,4-Dinitrophenol	10.02	184	29455	8.091	ng	#	17
55) Dibenzofuran	10.17	168	507649	12.020	ng		98
56) 4-Nitrophenol	10.06	139	73452	10.029	ng		99
57) 2,4-Dinitrotoluene	10.15	165	113835	10.913	ng		98
58) Fluorene	10.52	166	388096	11.858	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.29	232	100587	10.594	ng		98
60) Diethylphthalate	10.39	149	408925	11.179	ng		99
61) 4-Chlorophenyl-phenylether	10.51	204	194258	11.696	ng		98
62) 4-Nitroaniline	10.52	138	95067	9.677	ng		97
63) Azobenzene	10.67	77	387132	11.633	ng		97
65) 4,6-Dinitro-2-methylphenol	10.56	198	44914	9.448	ng		91
66) n-Nitrosodiphenylamine	10.63	169	341742	11.531	ng		100
67) 4-Bromophenyl-phenylether	11.00	248	119922	10.914	ng		94
68) Hexachlorobenzene	11.07	284	140153	10.939	ng		99
69) Atrazine	11.15	200	98588	10.113	ng		98
70) Pentachlorophenol	11.26	266	72672	9.709	ng		99
71) Phenanthrene	11.49	178	604511	11.807	ng		98
72) Anthracene	11.54	178	611496	12.046	ng		98
73) Carbazole	11.69	167	524226	11.818	ng		98
74) Di-n-butylphthalate	12.02	149	635814	11.512	ng		98
75) Fluoranthene	12.68	202	609159	12.299	ng		99
77) Benzidine	12.80	184	273562	11.414	ng	#	95
78) Pyrene	12.91	202	633103	10.706	ng		98
80) Butylbenzylphthalate	13.53	149	235595	9.276	ng		97
81) Benzo(a)anthracene	14.10	228	526623	10.891	ng		98
82) 3,3'-Dichlorobenzidine	14.06	252	183292	10.837	ng	#	98
83) Chrysene	14.14	228	502229	10.719	ng		97
84) Bis(2-ethylhexyl)phthalate	14.09	149	310260	10.076	ng		100
85) Di-n-octyl phthalate	14.70	149	440232	9.732	ng		100
86) Indeno(1,2,3-cd)pyrene	17.14	276	352055	8.829	ng		99
88) Benzo(b)fluoranthene	15.17	252	443752	10.564	ng		98
89) Benzo(k)fluoranthene	15.20	252	417196	10.541	ng		98
90) Benzo(a)pyrene	15.55	252	363322	9.836	ng		99
91) Dibenzo(a,h)anthracene	17.16	278	294235	9.255	ng		97
92) Benzo(g,h,i)perylene	17.60	276	285105	9.003	ng		98

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