Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060519\
Data File : BG041076.D
Acq On : 5 Jun 2019 17:36
Operator : HP/JU
Sample : K2241-07
Misc : LOD-WATER-8PPM
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 06 08:36:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Manual Integrations APPROVED
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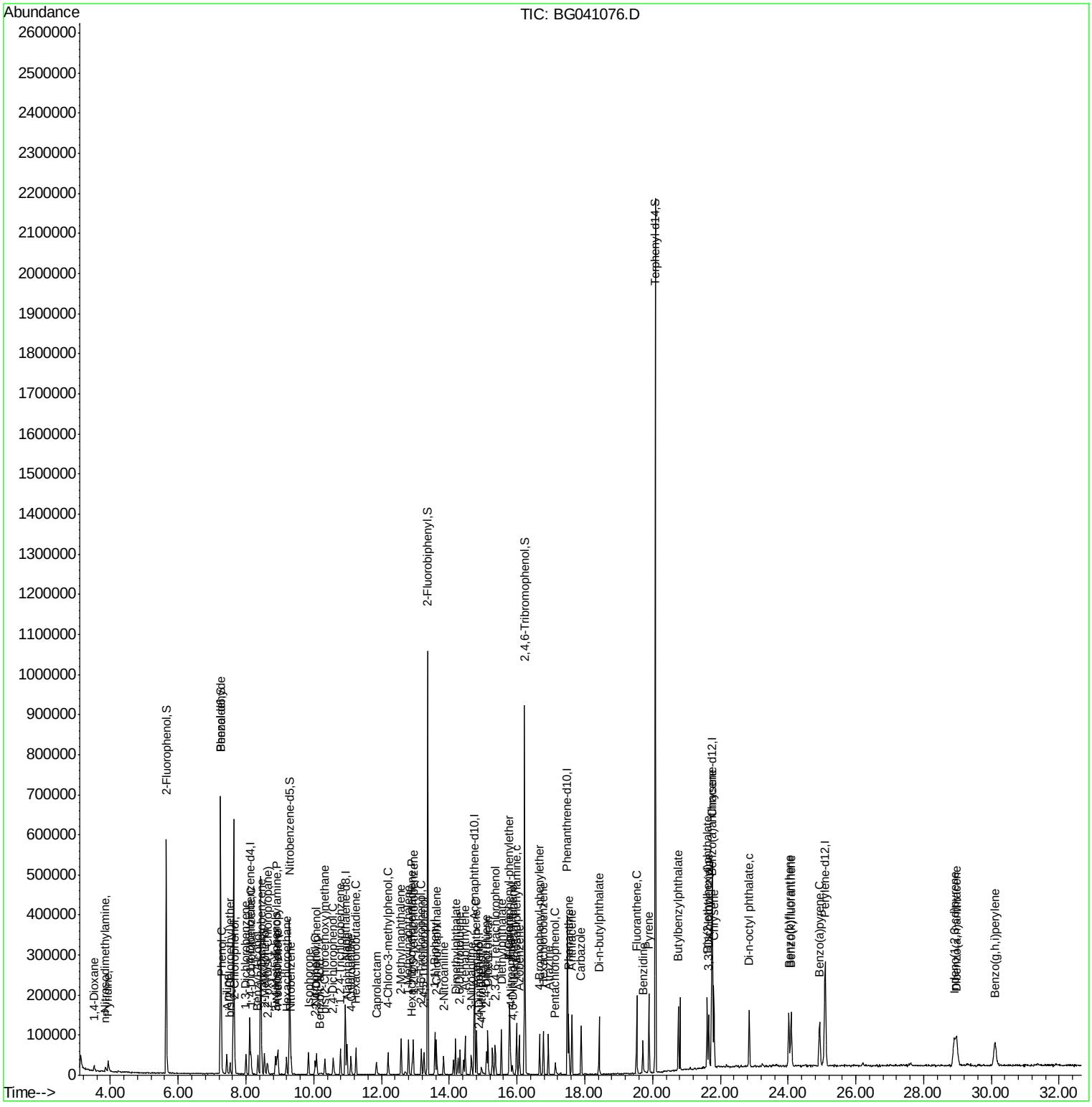
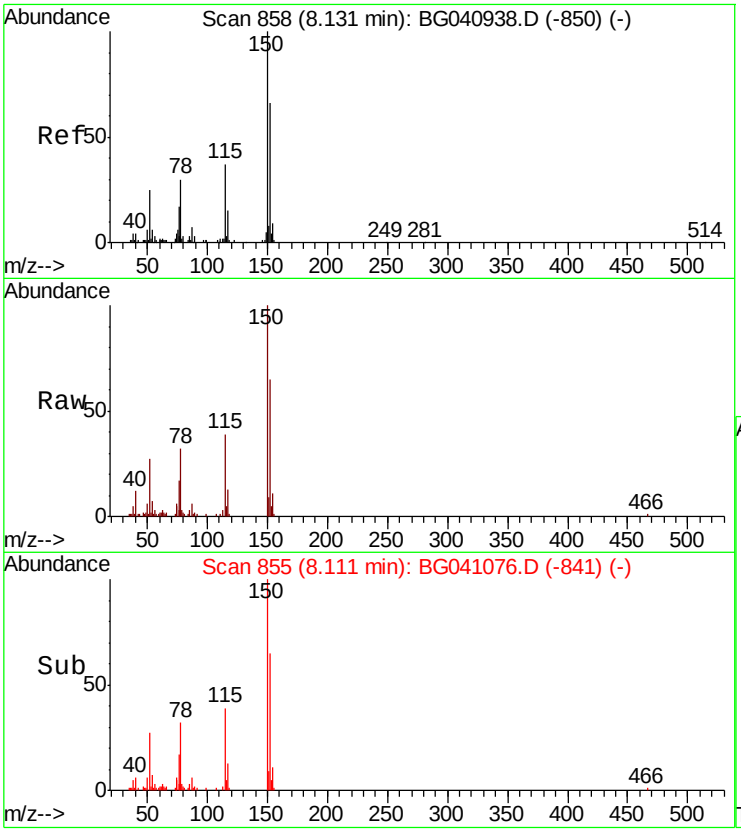
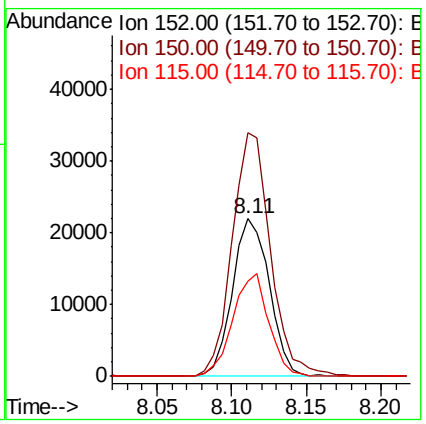




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 855
Delta R.T. -0.02 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:152 Resp: 37620

Ion	Ratio	Lower	Upper
152	100		
150	154.5	120.6	180.8
115	60.4	45.1	67.7



Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

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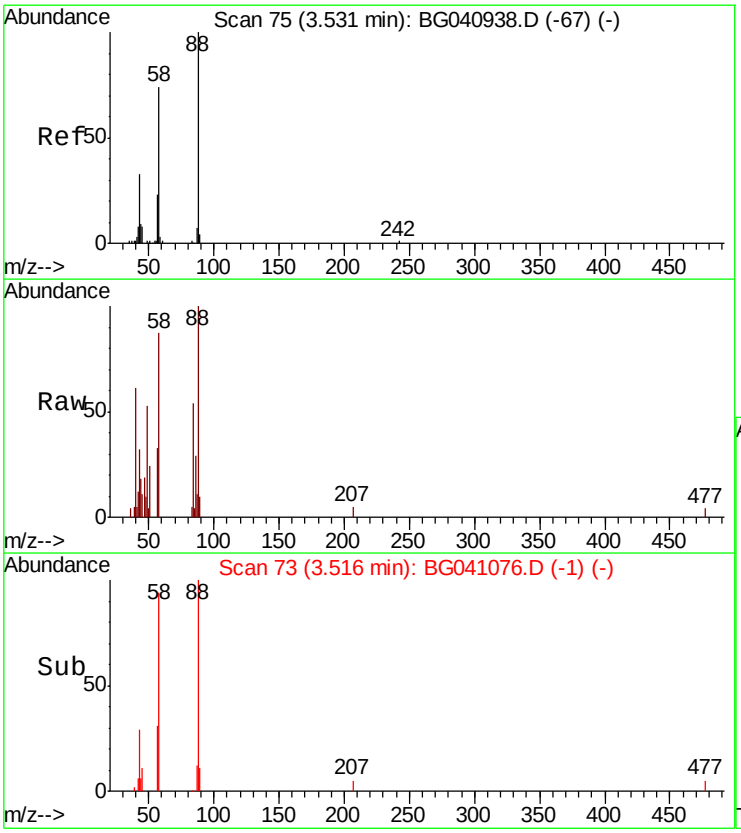
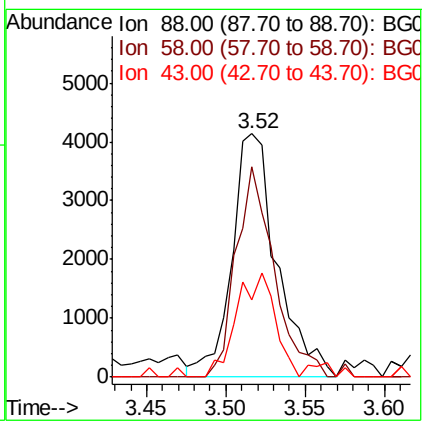
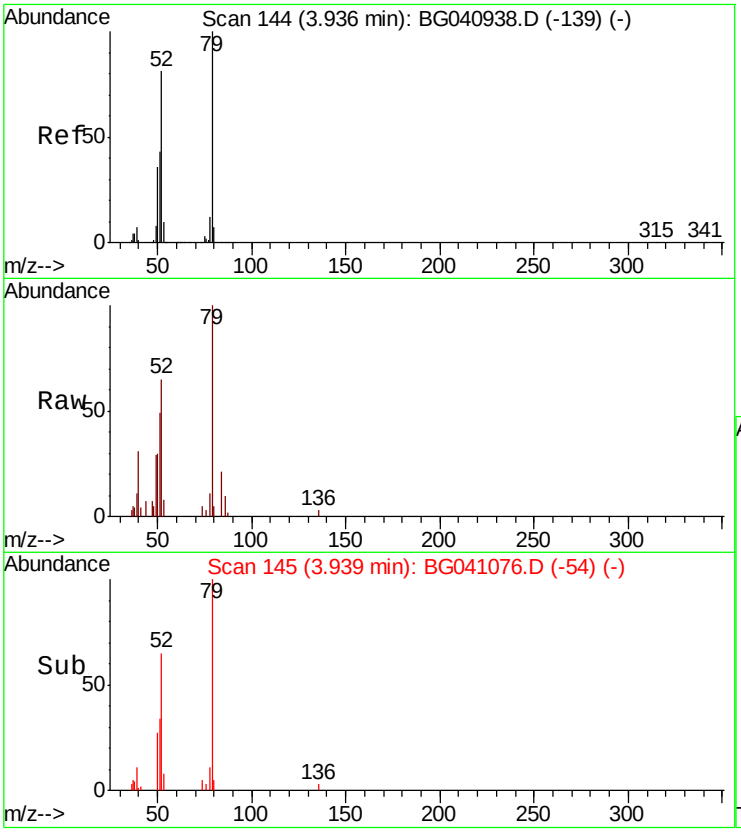


#2
1,4-Dioxane
Concen: 8.592 ng
RT: 3.52 min Scan# 73
Delta R.T. -0.01 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion: 88 Resp: 8134

Ion	Ratio	Lower	Upper
88	100		
58	73.3	59.0	88.6
43	36.7	27.2	40.8

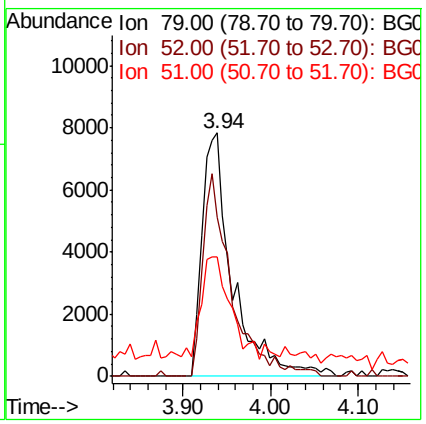




#3
Pyridine
Concen: 6.776 ng
RT: 3.94 min Scan# 145
Delta R.T. 0.00 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion: 79 Resp: 18982

Ion	Ratio	Lower	Upper
79	100		
52	65.2	64.8	97.2
51	49.2	35.3	52.9



Instrument :
BNA_G
ClientSampleId :
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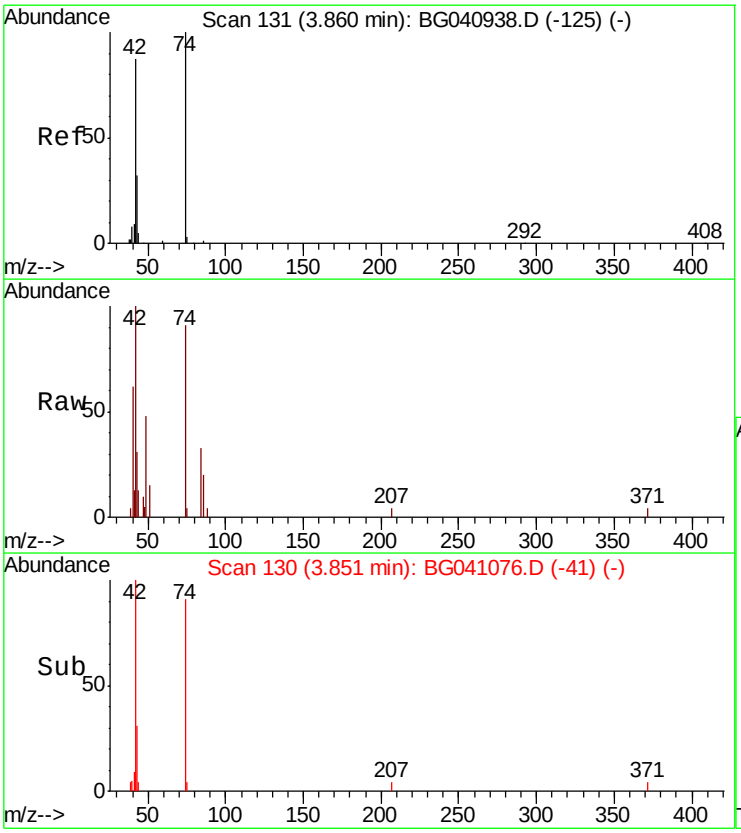
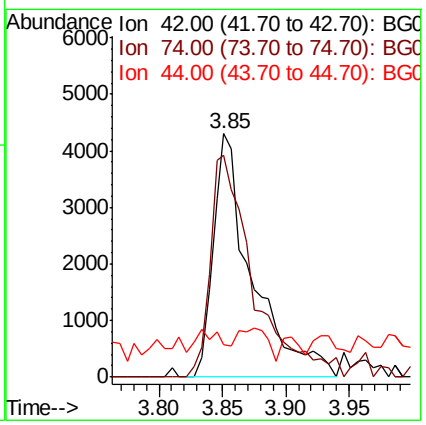
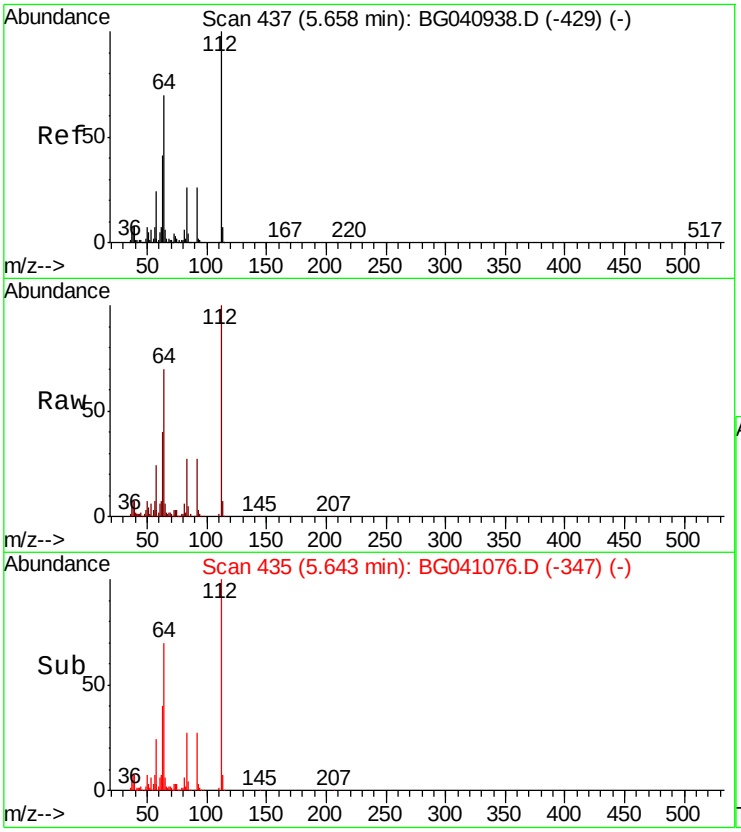


#4
n-Nitrosodimethylamine
Concen: 6.983 ng
RT: 3.85 min Scan# 130
Delta R.T. -0.01 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion: 42 Resp: 9079

Ion	Ratio	Lower	Upper
42	100		
74	91.1	91.8	137.6#
44	13.5	6.0	9.0#

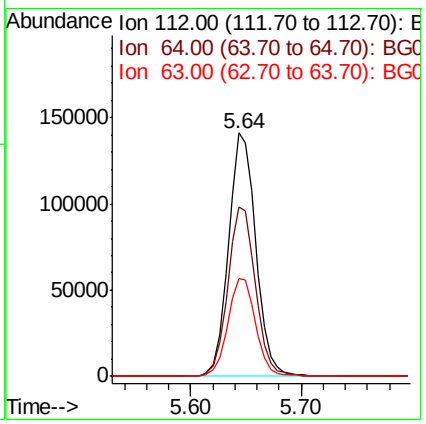




#5
2-Fluorophenol
Concen: 117.470 ng
RT: 5.64 min Scan# 435
Delta R.T. -0.01 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:112 Resp: 245076

Ion	Ratio	Lower	Upper
112	100		
64	69.6	56.2	84.2
63	40.2	32.8	49.2



Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

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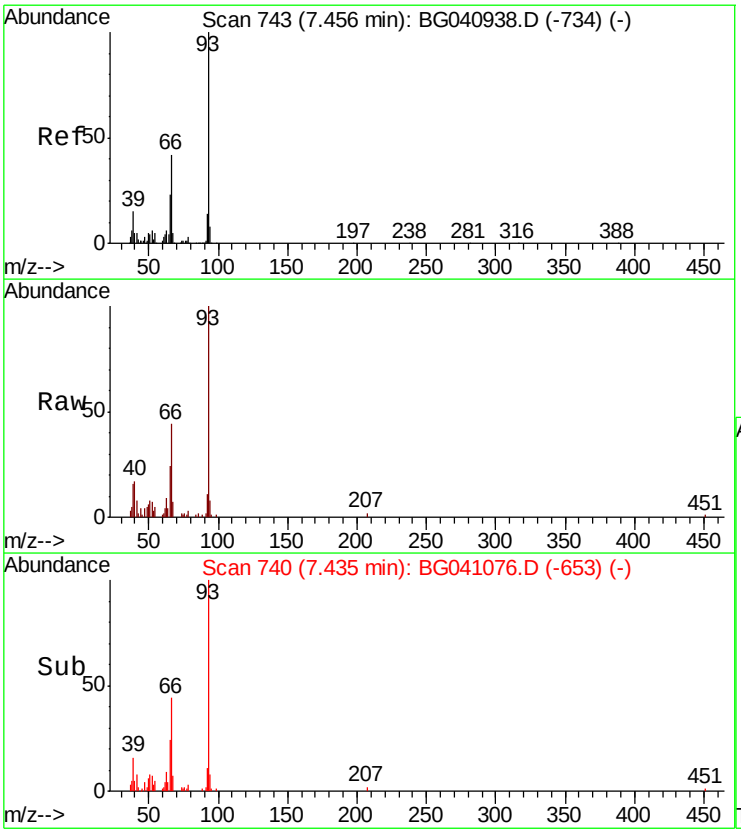
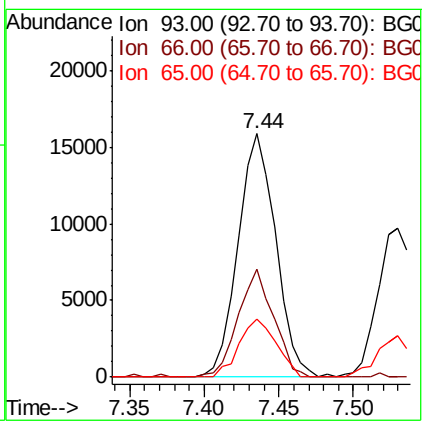
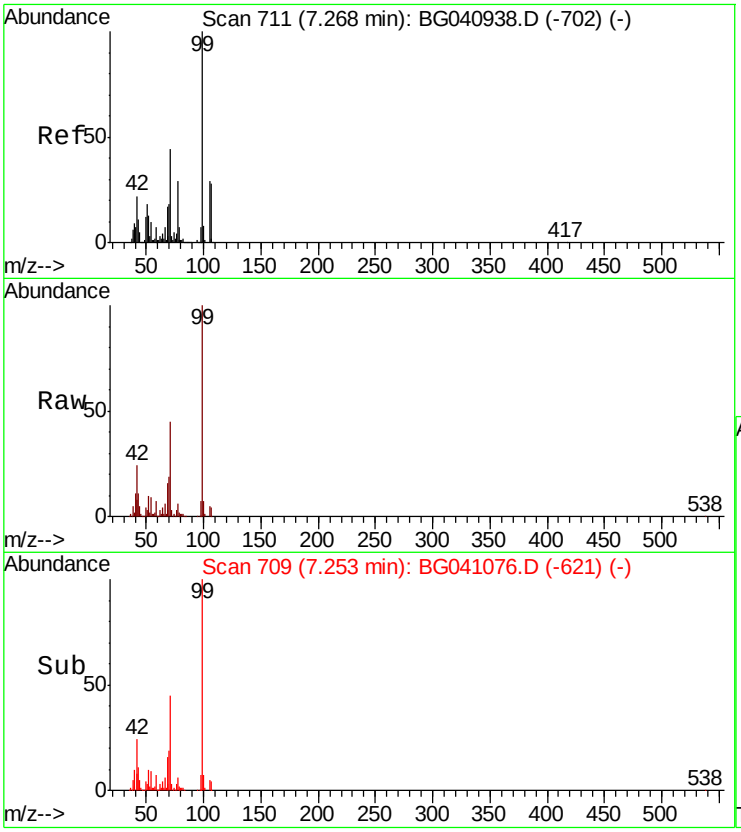


#6
Aniline
Concen: 6.463 ng
RT: 7.44 min Scan# 740
Delta R.T. -0.02 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion: 93 Resp: 27794

Ion	Ratio	Lower	Upper
93	100		
66	44.1	33.8	50.8
65	23.9	18.3	27.5

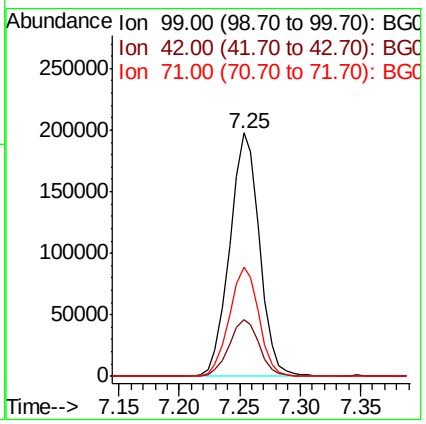




#7
Phenol-d6
Concen: 105.272 ng
RT: 7.25 min Scan# 709
Delta R.T. -0.01 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion: 99 Resp: 339190

Ion	Ratio	Lower	Upper
99	100		
42	23.5	17.9	26.9
71	45.1	35.4	53.0



Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

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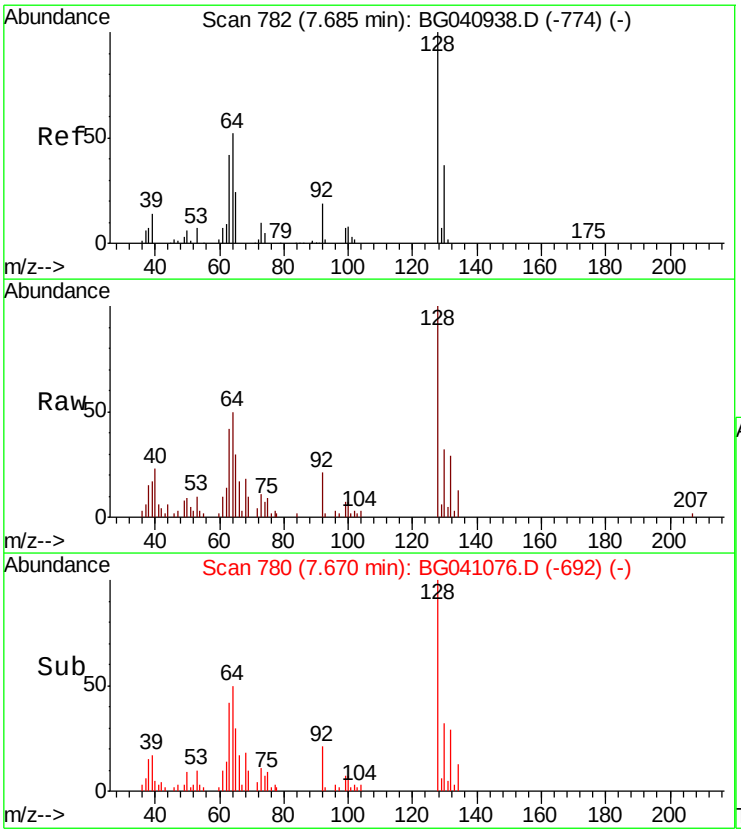
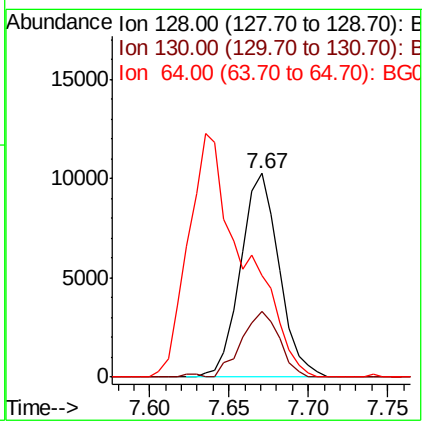
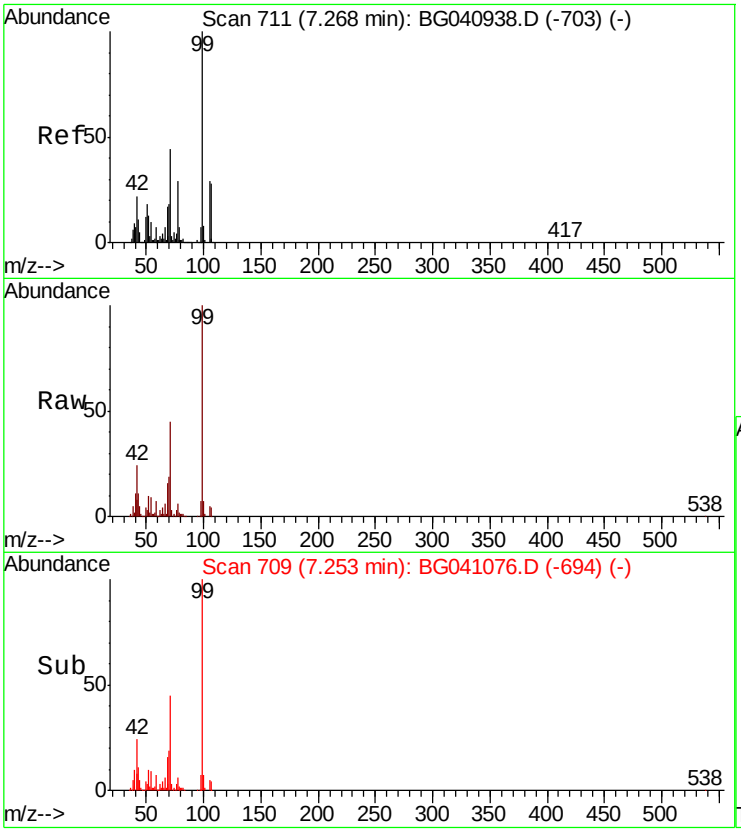


#8
2-Chlorophenol
Concen: 6.970 ng
RT: 7.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:128 Resp: 17336

Ion	Ratio	Lower	Upper
128	100		
130	32.5	16.6	56.6
64	50.1	37.8	77.8

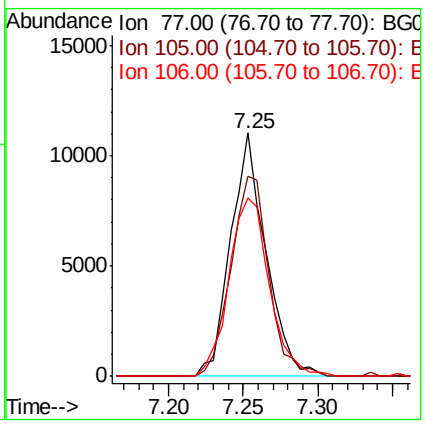




#9
Benzaldehyde
Concen: 9.434 ng
RT: 7.25 min Scan# 709
Delta R.T. -0.01 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion: 77 Resp: 18133

Ion	Ratio	Lower	Upper
77	100		
105	82.0	78.9	118.9
106	73.1	76.7	116.7#



Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

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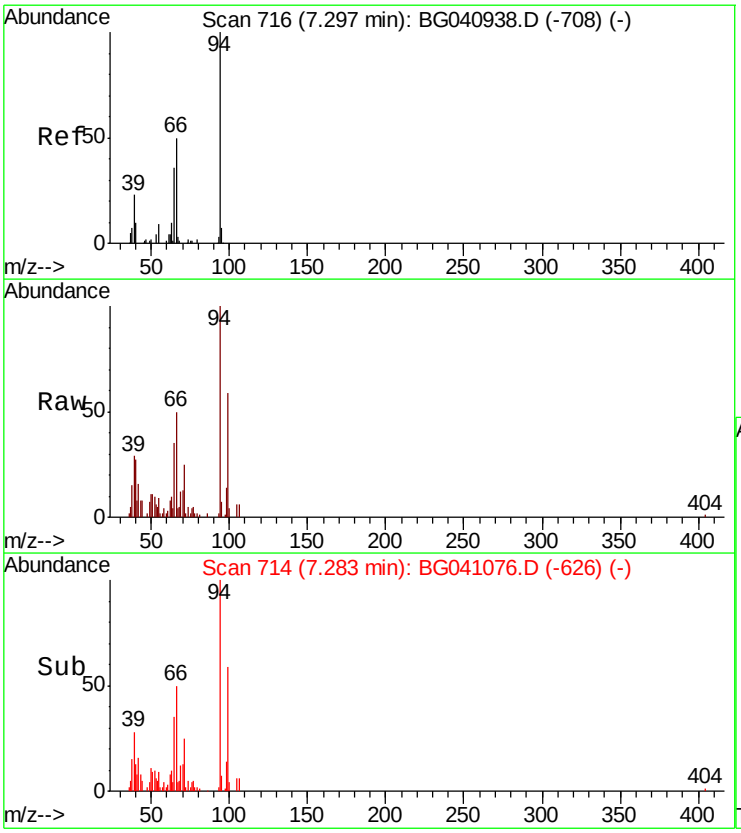
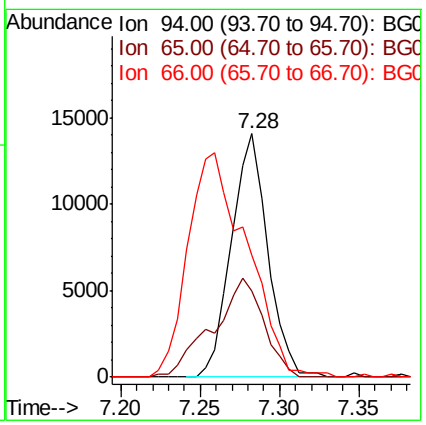
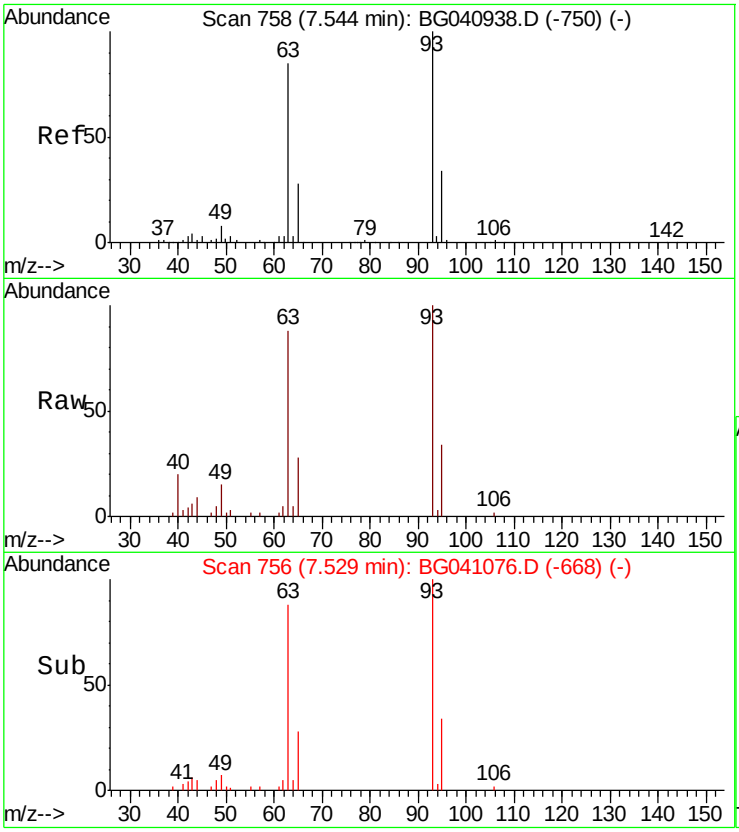


#10
Phenol
Concen: 6.466 ng
RT: 7.28 min Scan# 714
Delta R.T. -0.01 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion: 94 Resp: 22338

Ion	Ratio	Lower	Upper
94	100		
65	35.3	17.0	57.0
66	50.0	32.4	72.4

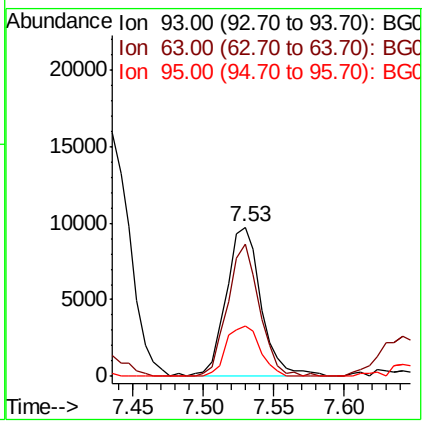




#11
bis(2-Chloroethyl)ether
Concen: 6.677 ng
RT: 7.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion: 93 Resp: 16734

Ion	Ratio	Lower	Upper
93	100		
63	88.4	64.5	104.5
95	33.9	13.3	53.3



Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

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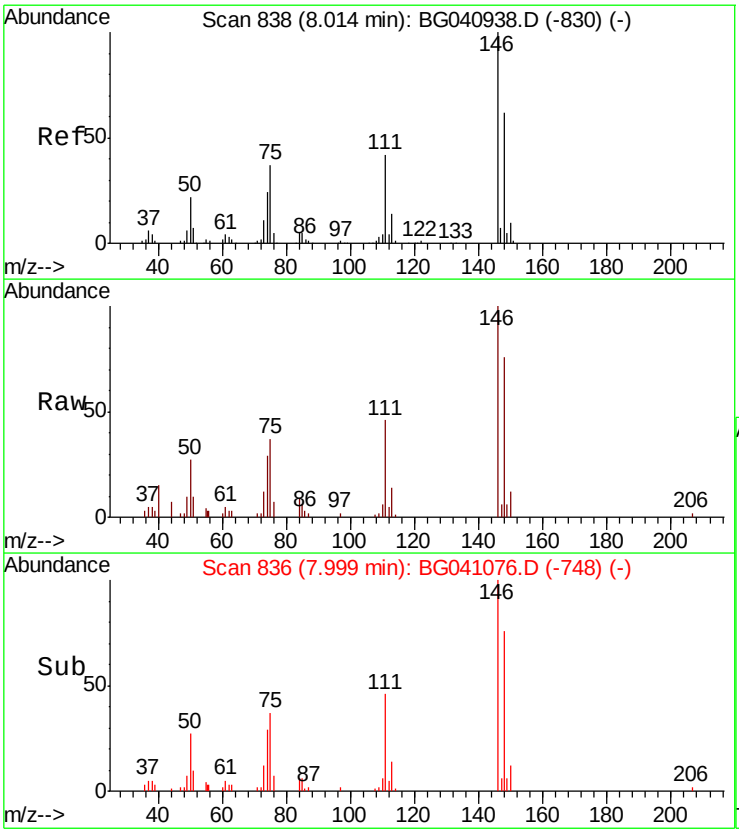
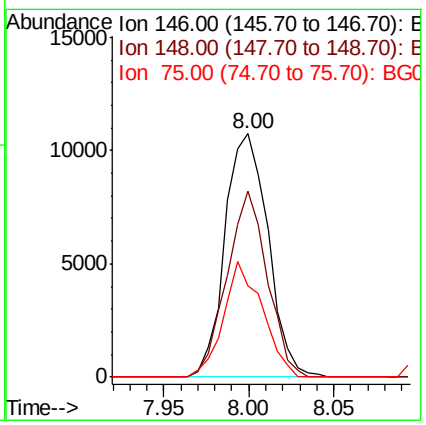
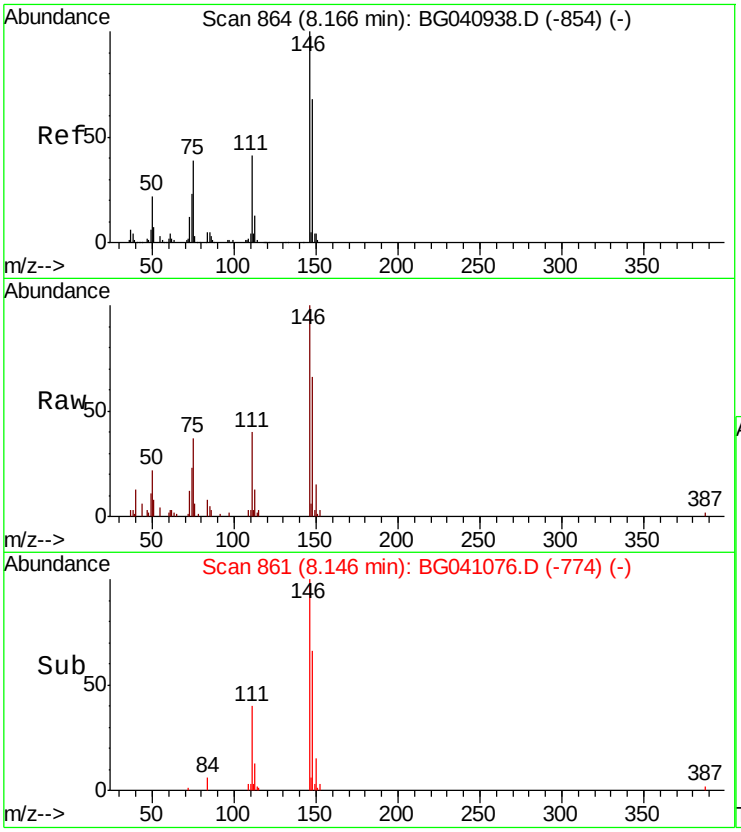


#12
1,3-Dichlorobenzene
Concen: 6.360 ng m
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:146 Resp: 18892

Ion	Ratio	Lower	Upper
146	100		
148	76.2	49.2	73.8#
75	37.5	29.4	44.0

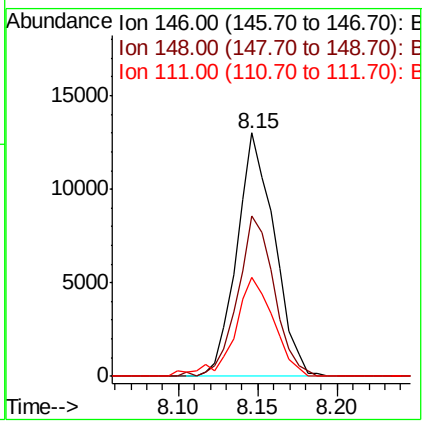




#13
1,4-Dichlorobenzene
Concen: 7.105 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:146 Resp: 21365

Ion	Ratio	Lower	Upper
146	100		
148	65.6	54.2	81.4
111	40.5	32.9	49.3



Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Manual Integrations APPROVED
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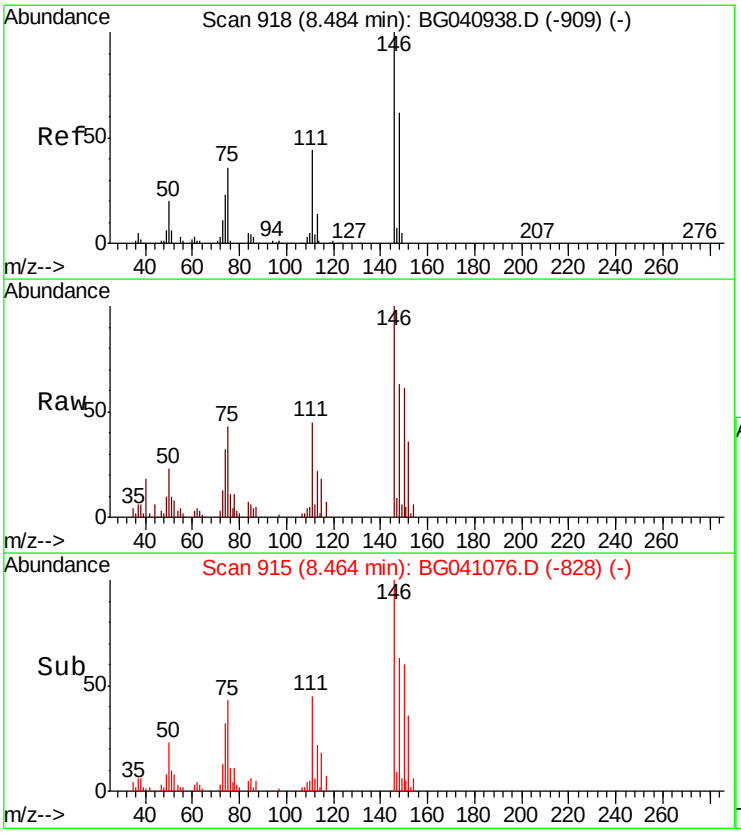
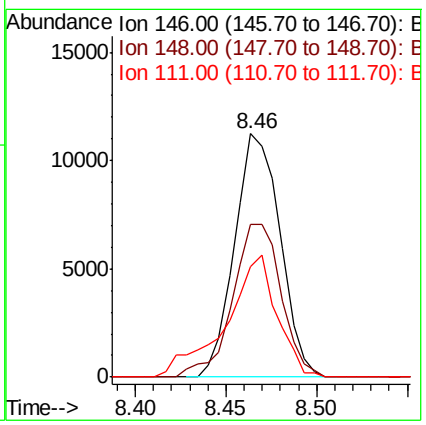
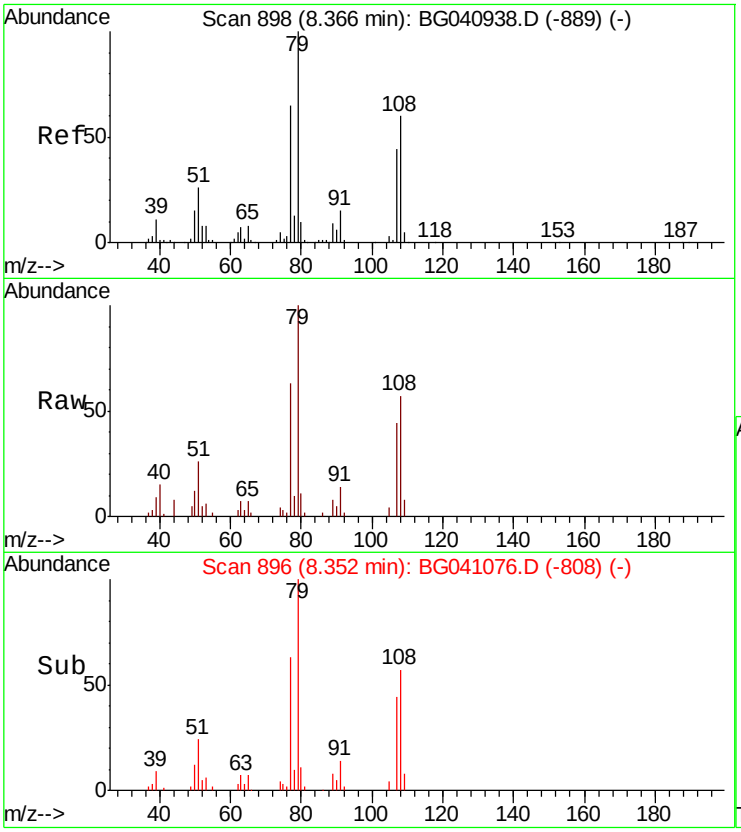


#14
1,2-Dichlorobenzene
Concen: 6.709 ng
RT: 8.46 min Scan# 915
Delta R.T. -0.02 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:146 Resp: 19588

Ion	Ratio	Lower	Upper
146	100		
148	62.8	49.8	74.6
111	45.3	35.0	52.4





#15
Benzyl Alcohol
Concen: 6.154 ng
RT: 8.35 min Scan# 896
Delta R.T. -0.01 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion: 79 Resp: 18341

Ion	Ratio	Lower	Upper
79	100		
108	56.7	48.3	72.5
77	62.7	52.3	78.5

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Manual Integrations APPROVED
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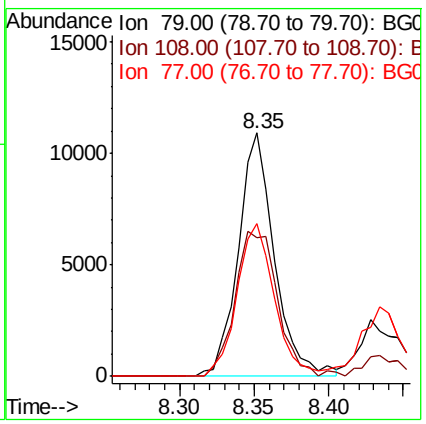
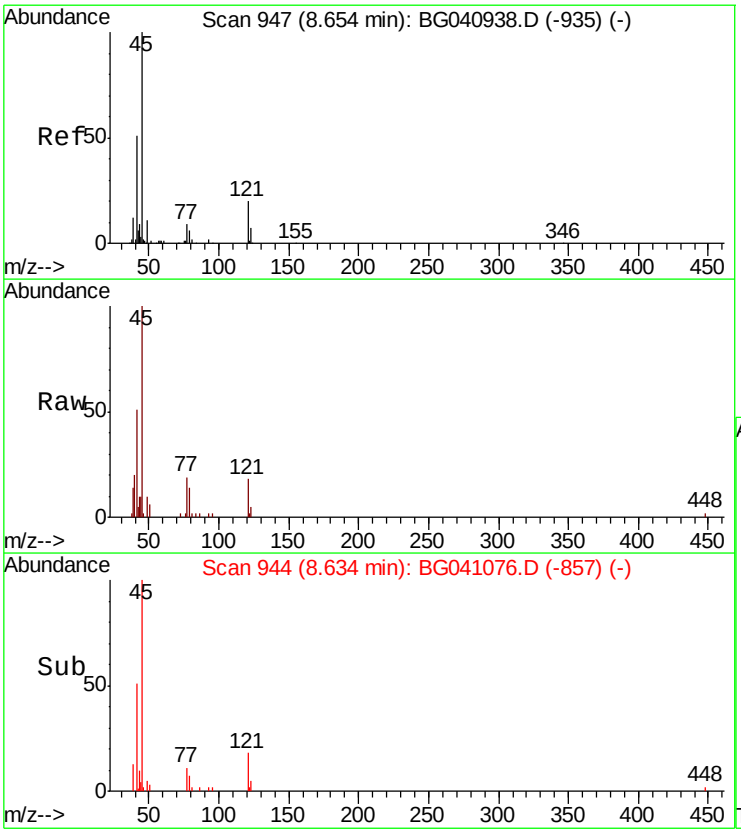
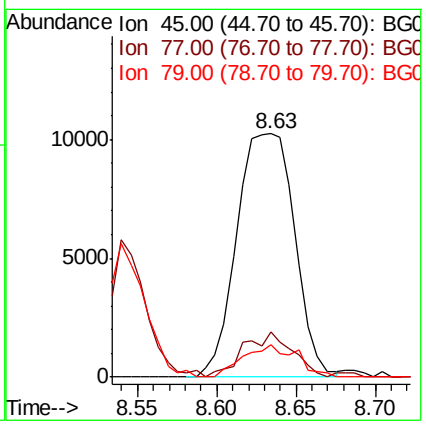


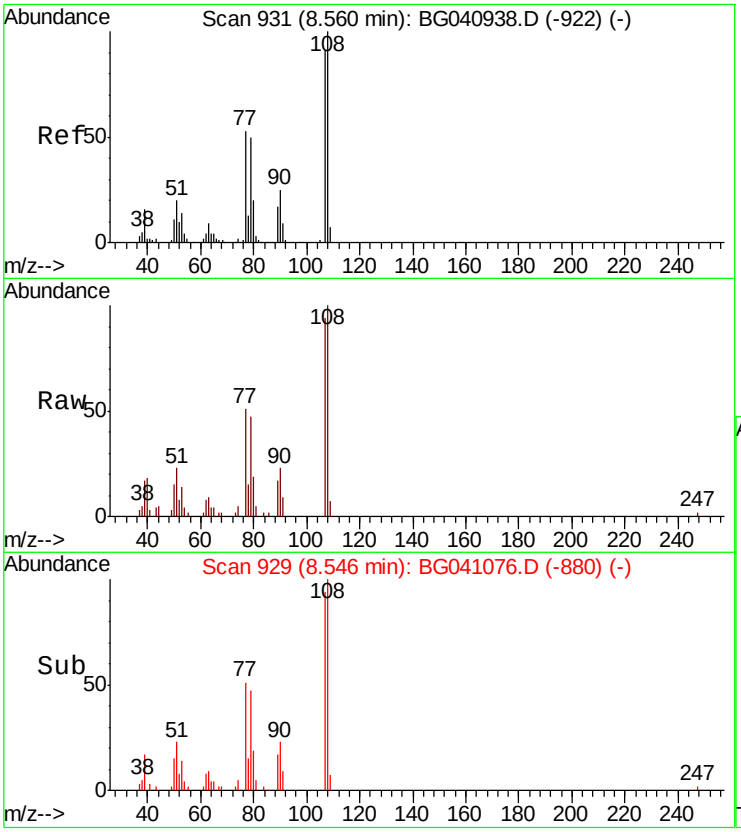


#16
2,2'-oxybis(1-Chloropropane)
Concen: 6.335 ng
RT: 8.63 min Scan# 944
Delta R.T. -0.02 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion: 45 Resp: 25943

Ion	Ratio	Lower	Upper
45	100		
77	18.8	0.0	33.7
79	13.5	0.0	30.2

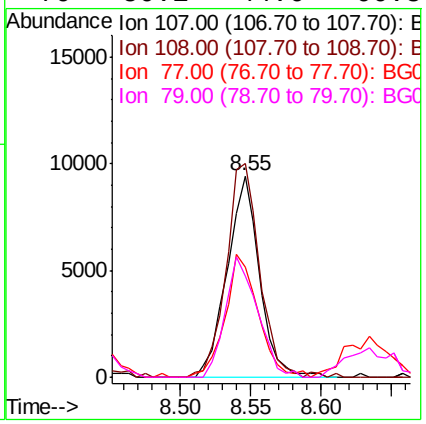




#17
2-Methylphenol
Concen: 5.990 ng
RT: 8.55 min Scan# 929
Delta R.T. -0.01 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:107 Resp: 14983

Ion	Ratio	Lower	Upper
107	100		
108	106.1	87.7	131.5
77	54.5	46.6	70.0
79	50.1	44.6	66.8



Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

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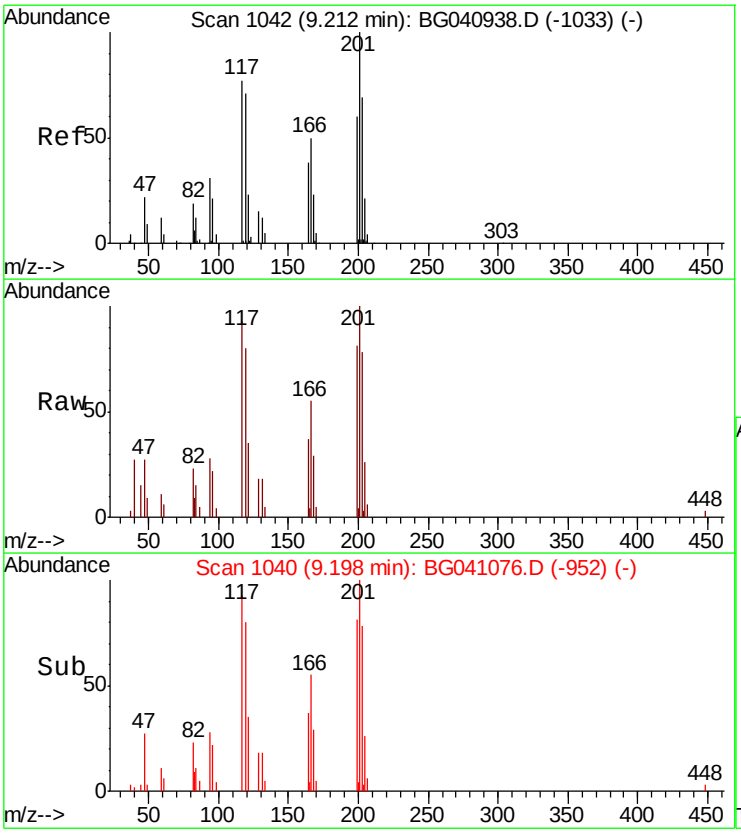
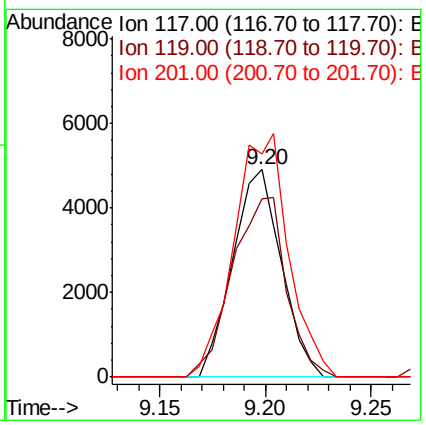
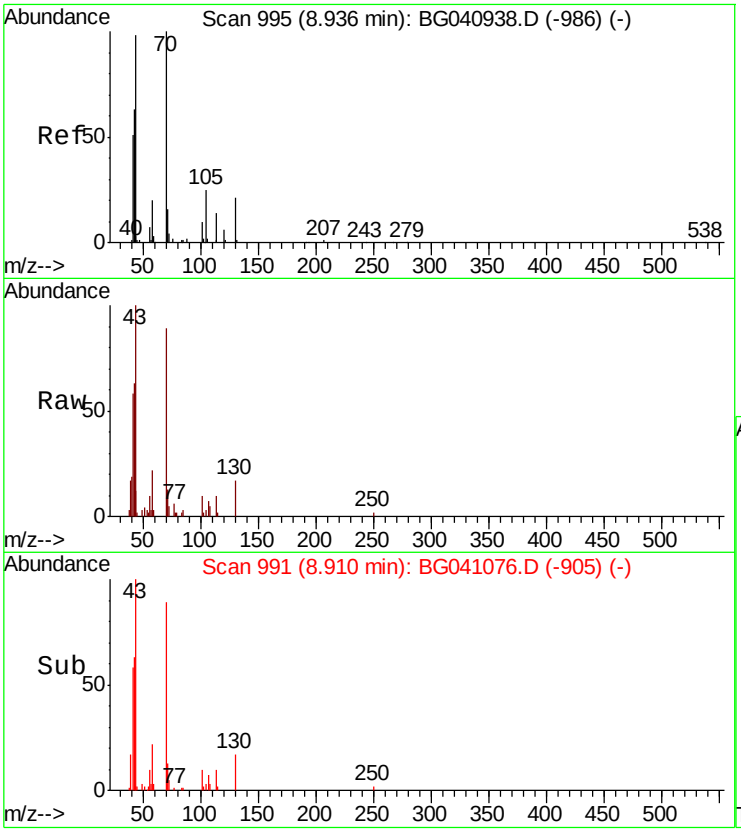


#18
Hexachloroethane
Concen: 6.766 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:117 Resp: 7841

Ion	Ratio	Lower	Upper
117	100		
119	85.7	75.0	112.6
201	107.2	103.5	155.3

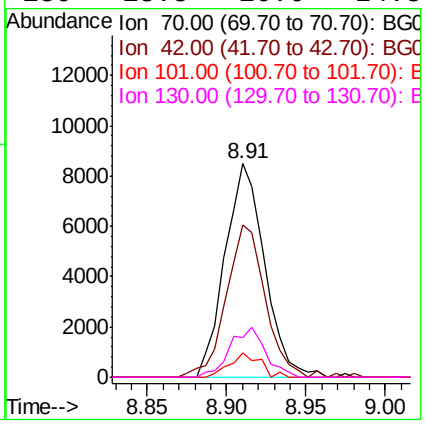




#19
n-Nitroso-di-n-propylamine
Concen: 5.923 ng
RT: 8.91 min Scan# 991
Delta R.T. -0.03 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion: 70 Resp: 14686

Ion	Ratio	Lower	Upper
70	100		
42	71.6	51.5	77.3
101	11.5	8.1	12.1
130	18.8	16.6	24.8



Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

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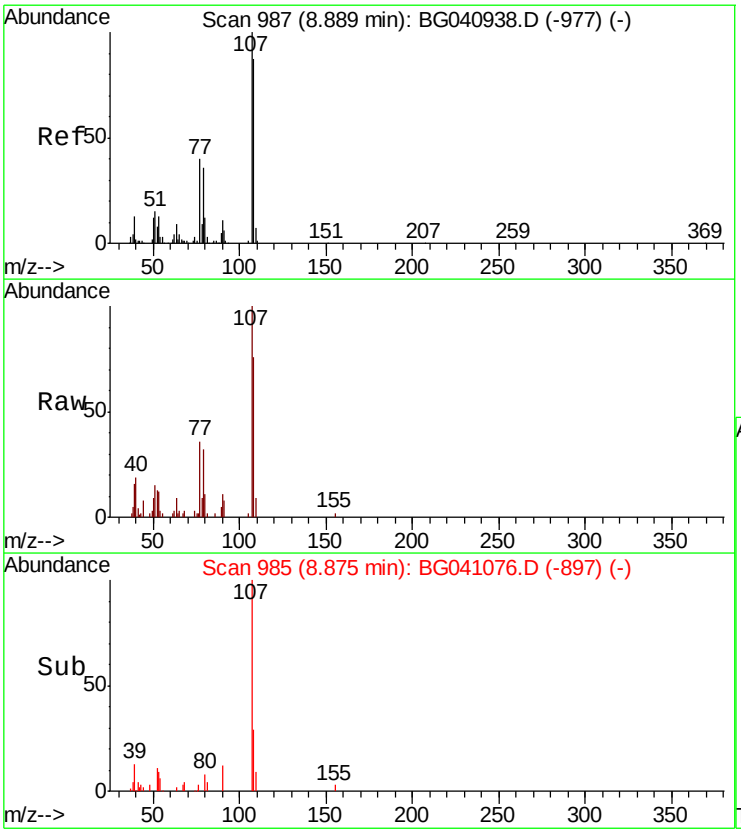
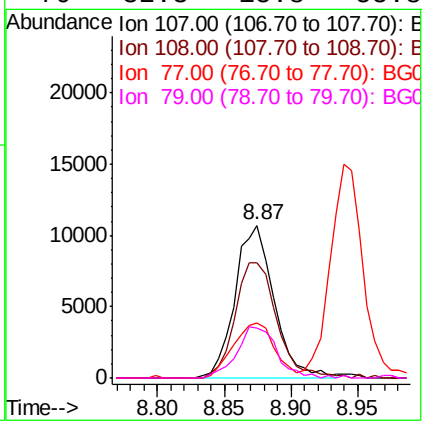
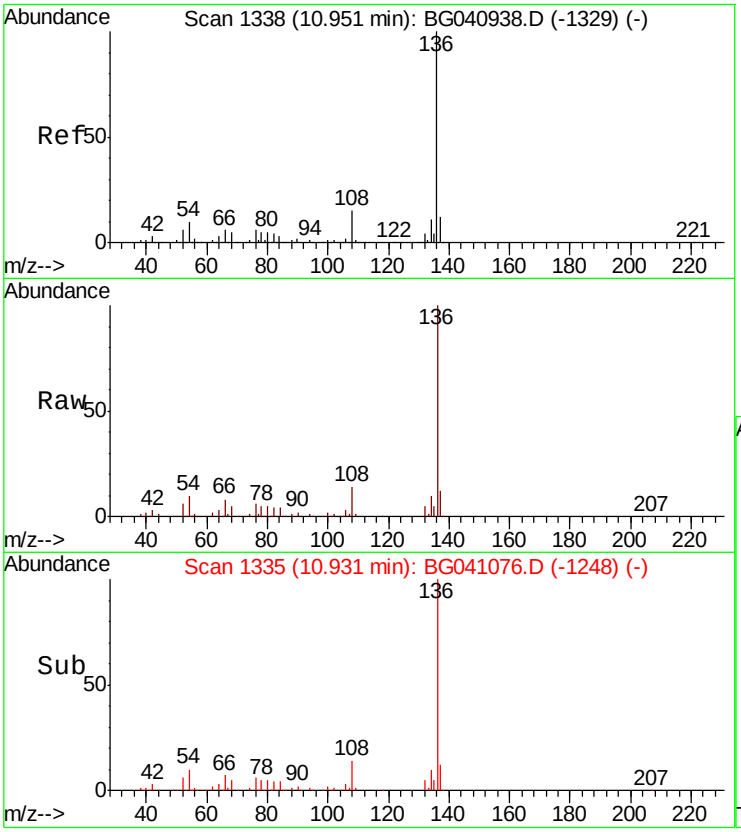


#20
3+4-Methylphenols
Concen: 6.253 ng
RT: 8.87 min Scan# 985
Delta R.T. -0.01 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:107 Resp: 21664

Ion	Ratio	Lower	Upper
107	100		
108	75.7	66.8	106.8
77	35.9	20.5	60.5
79	32.3	15.8	55.8

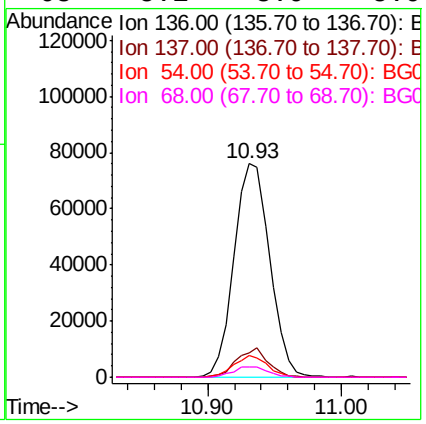




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:136 Resp: 140687

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.5	14.3
54	10.5	7.6	11.4
68	5.1	3.9	5.9



Instrument :
BNA_G
ClientSampleId :
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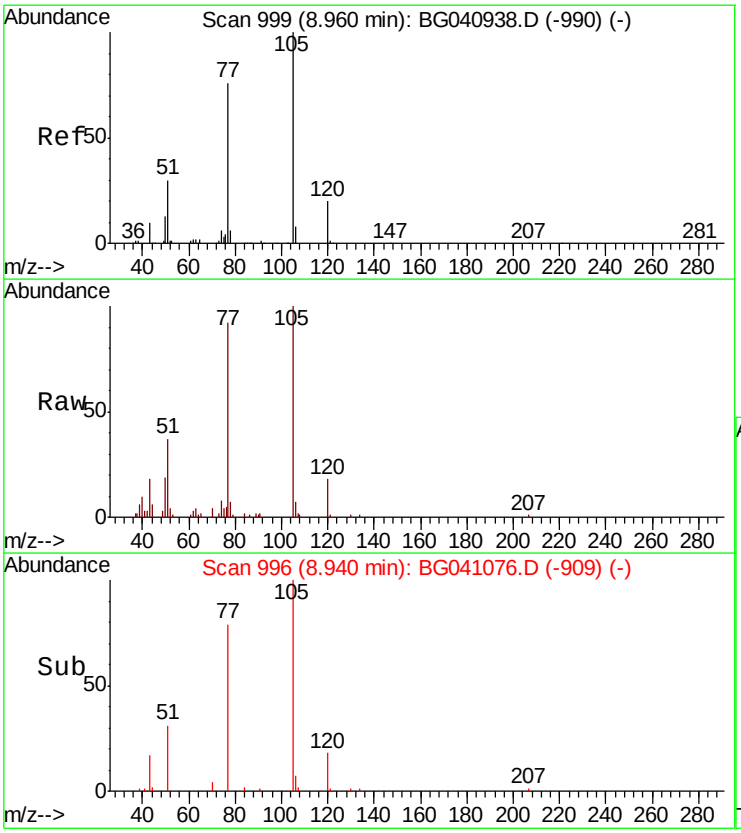
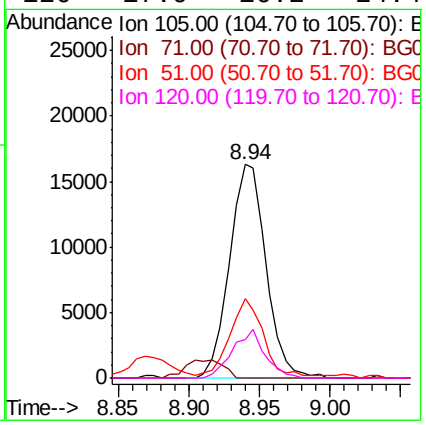
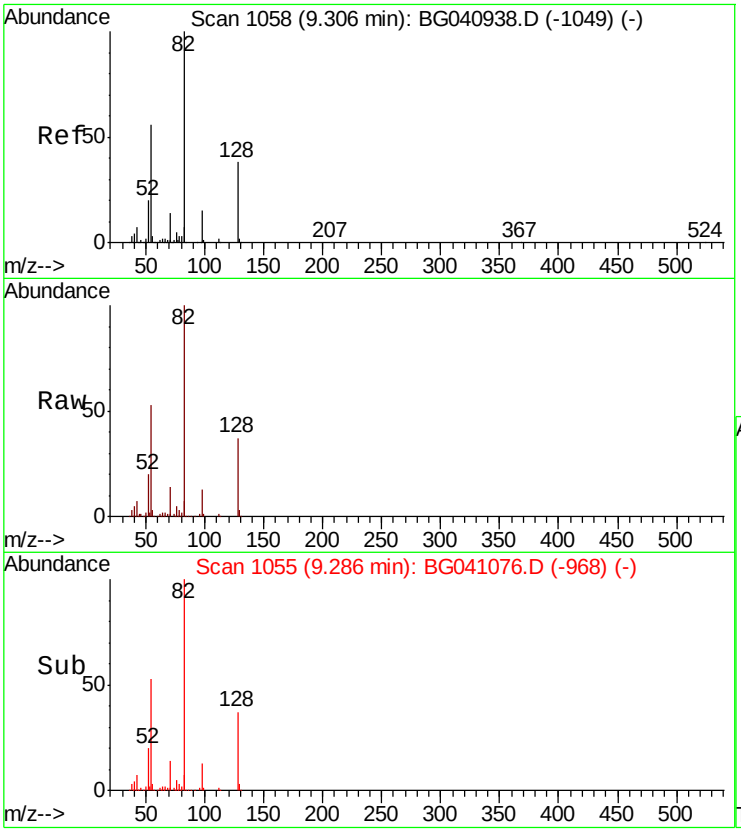


#22
Acetophenone
Concen: 7.434 ng
RT: 8.94 min Scan# 996
Delta R.T. -0.02 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:105 Resp: 29339

Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.4	0.6#
51	37.1	27.0	40.6
120	17.9	16.2	24.4

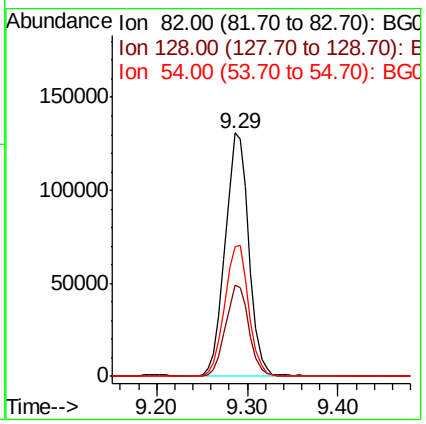




#23
Nitrobenzene-d5
Concen: 75.142 ng
RT: 9.29 min Scan# 1055
Delta R.T. -0.02 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion: 82 Resp: 238132

Ion	Ratio	Lower	Upper
82	100		
128	37.4	30.5	45.7
54	53.4	44.6	66.8



Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

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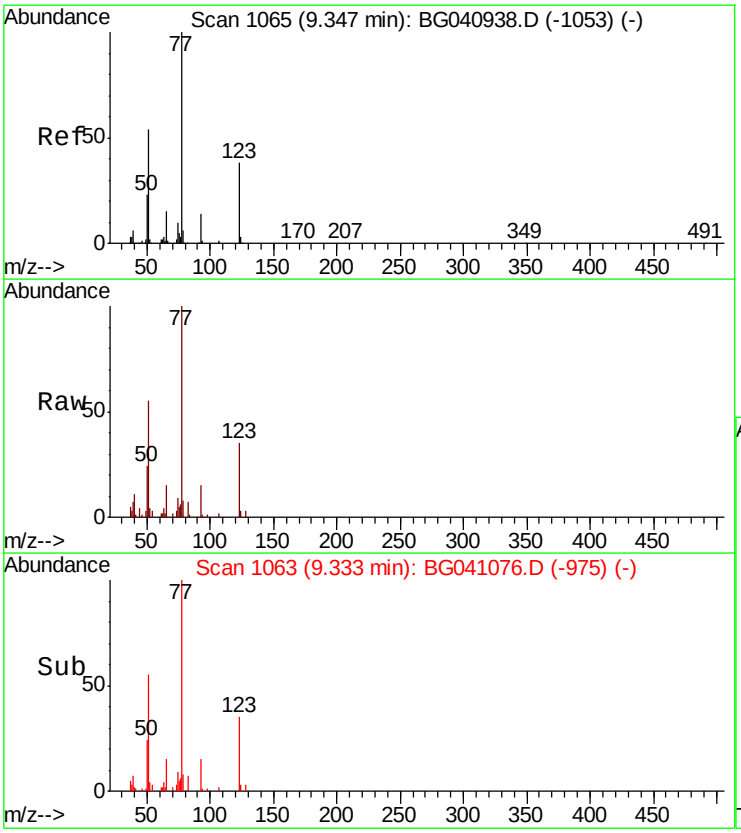
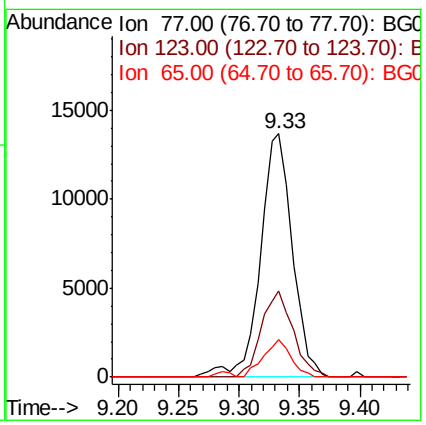
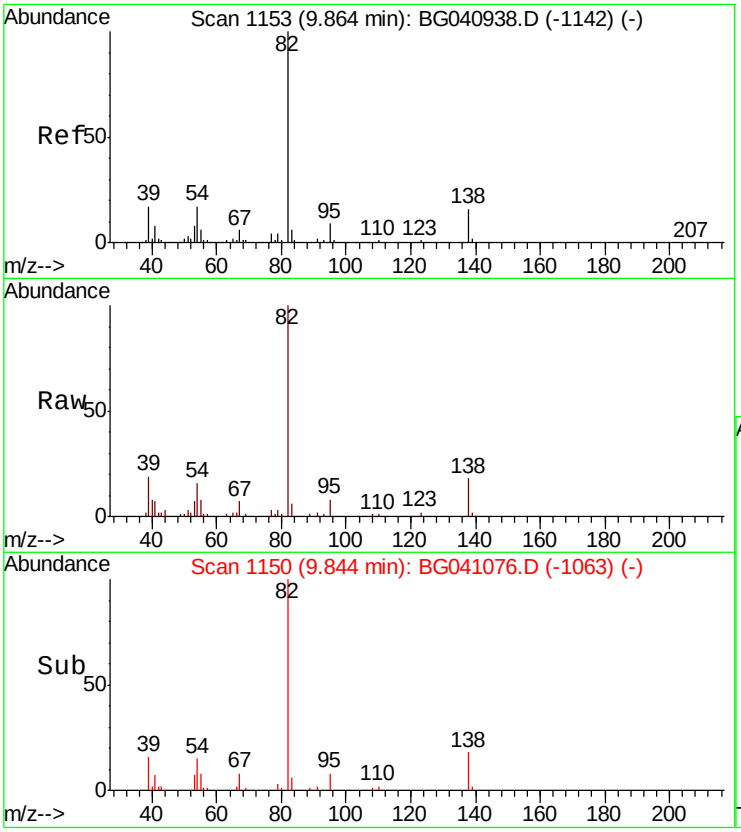


#24
Nitrobenzene
Concen: 7.707 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion: 77 Resp: 24889

Ion	Ratio	Lower	Upper
77	100		
123	35.4	30.6	46.0
65	15.4	12.3	18.5

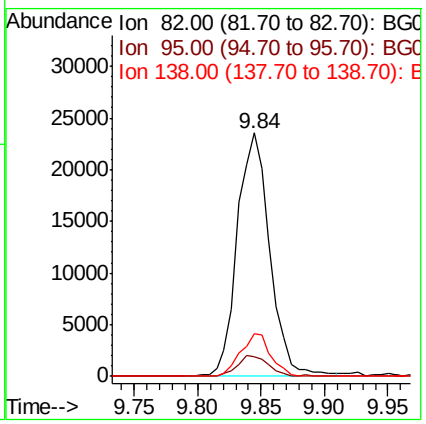




#25
Isophorone
Concen: 6.937 ng
RT: 9.84 min Scan# 1150
Delta R.T. -0.02 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion: 82 Resp: 41836

Ion	Ratio	Lower	Upper
82	100		
95	8.0	7.0	10.4
138	17.6	12.6	19.0



Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

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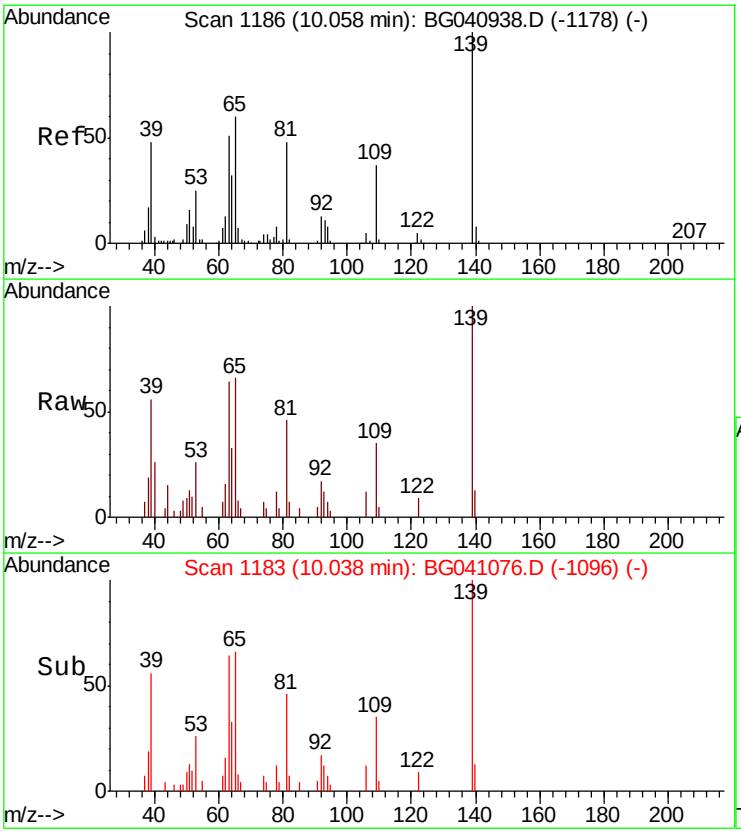
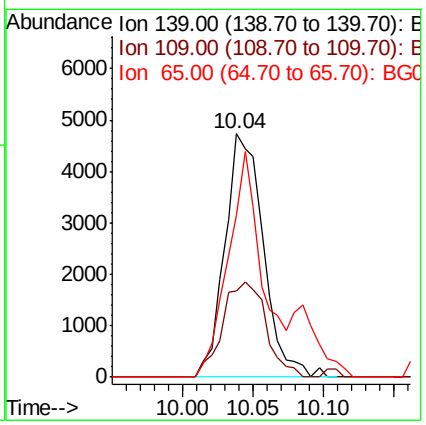
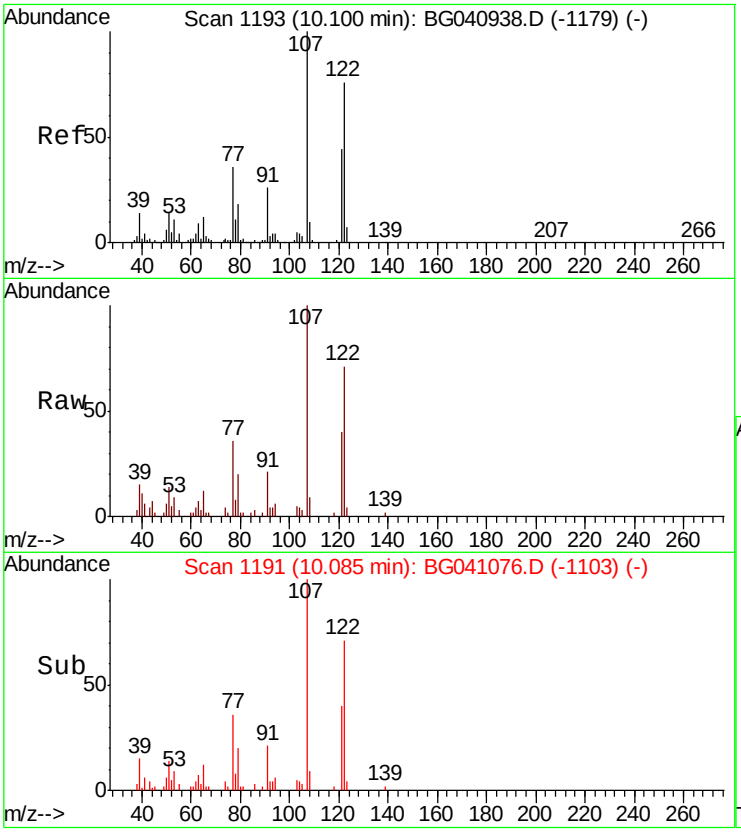


#26
2-Nitrophenol
Concen: 6.742 ng
RT: 10.04 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:139 Resp: 8976

Ion	Ratio	Lower	Upper
139	100		
109	35.4	29.8	44.6
65	66.5	47.8	71.6

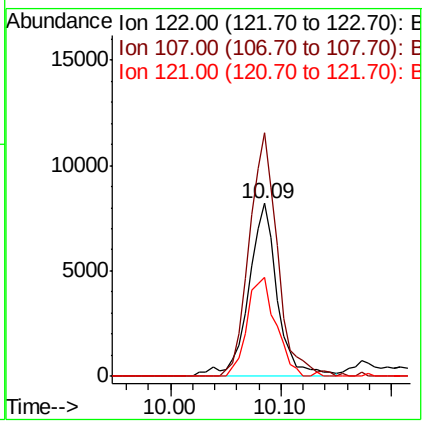




#27
2,4-Dimethylphenol
Concen: 6.813 ng
RT: 10.09 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:122 Resp: 14981

Ion	Ratio	Lower	Upper
122	100		
107	140.6	105.9	158.9
121	56.9	46.2	69.4



Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

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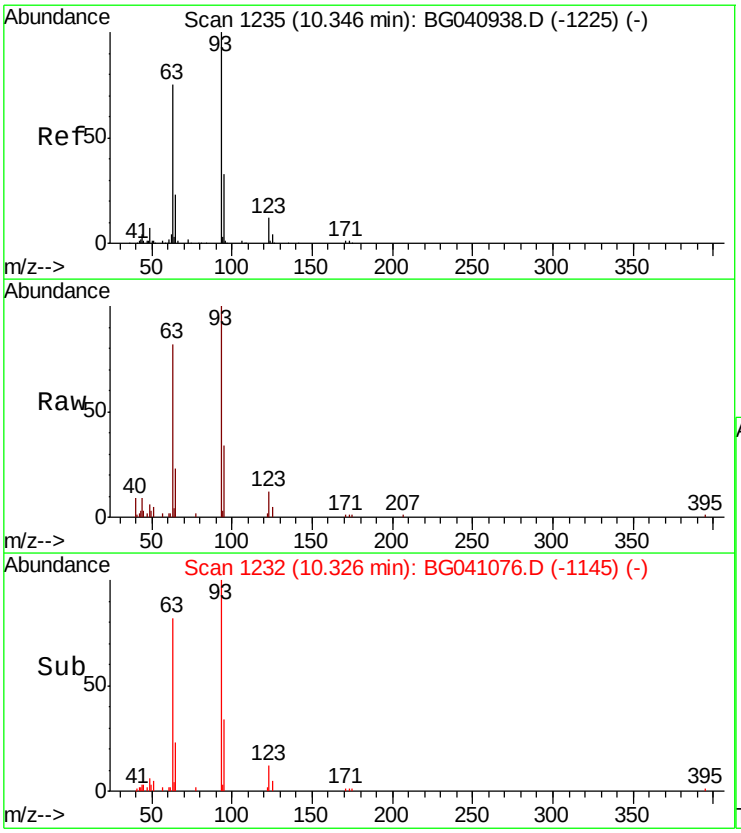
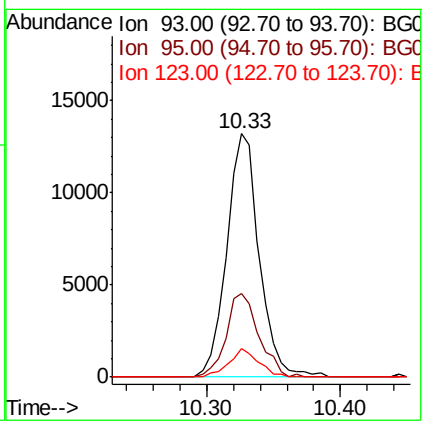
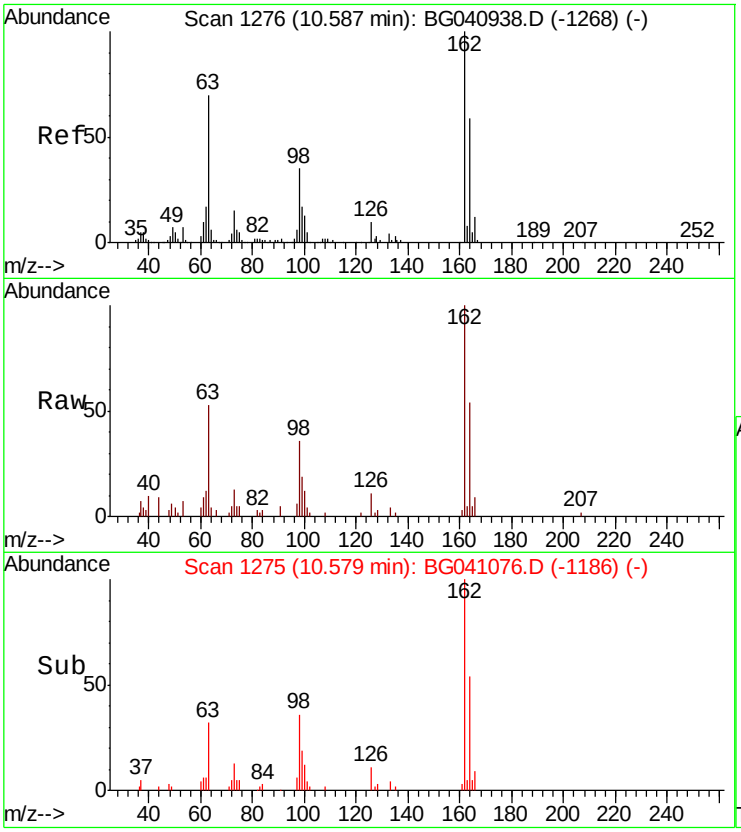


#28
bis(2-Chloroethoxy)methane
Concen: 6.873 ng
RT: 10.33 min Scan# 1232
Delta R.T. -0.02 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion: 93 Resp: 22373

Ion	Ratio	Lower	Upper
93	100		
95	34.1	26.2	39.2
123	11.6	9.5	14.3

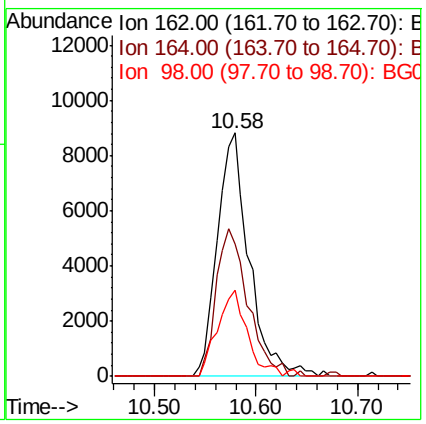




#29
2,4-Dichlorophenol
Concen: 6.864 ng
RT: 10.58 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:162 Resp: 19165

Ion	Ratio	Lower	Upper
162	100		
164	54.5	39.4	79.4
98	35.5	15.3	55.3



Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

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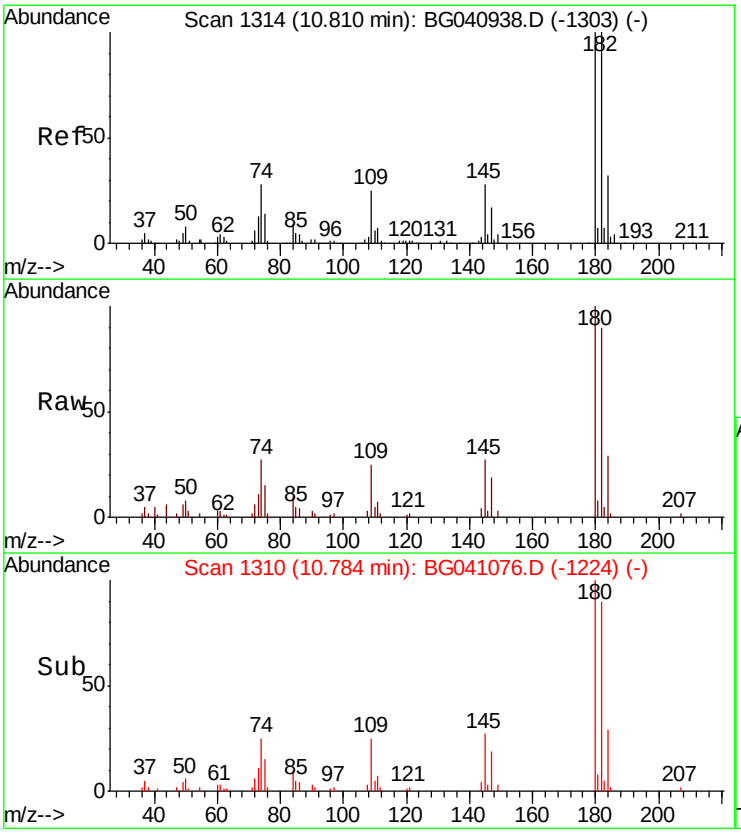
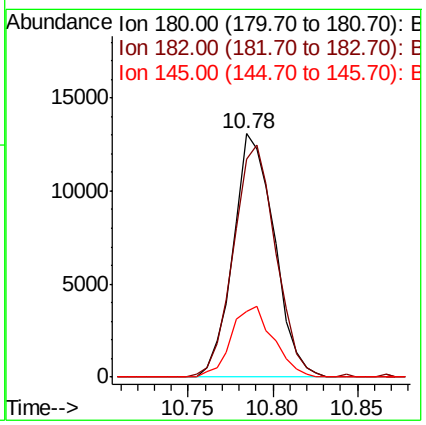
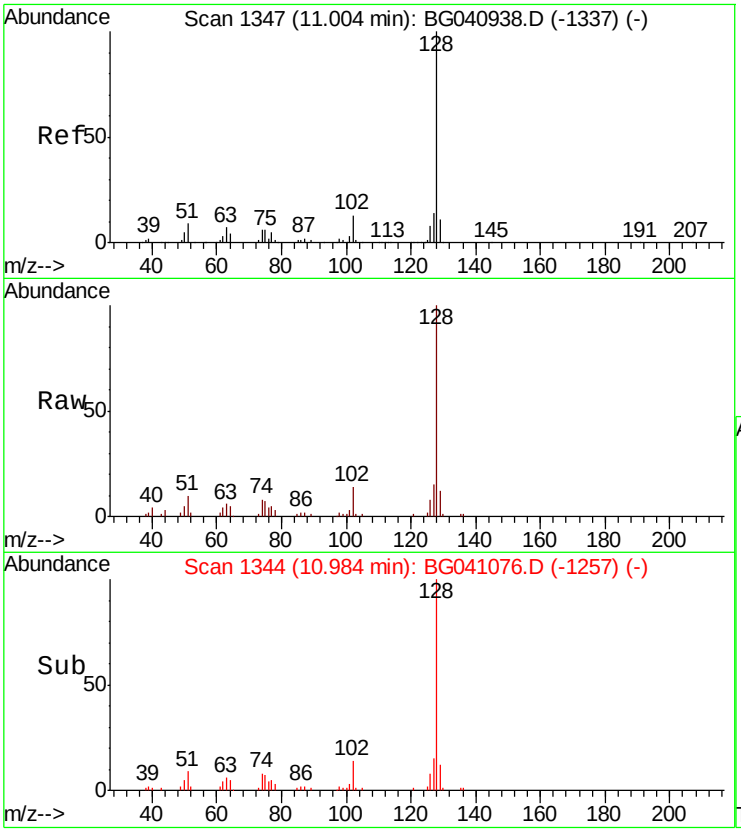


#30
1,2,4-Trichlorobenzene
Concen: 6.940 ng
RT: 10.78 min Scan# 1310
Delta R.T. -0.03 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:180 Resp: 22045

Ion	Ratio	Lower	Upper
180	100		
182	94.9	79.7	119.5
145	27.0	22.6	34.0

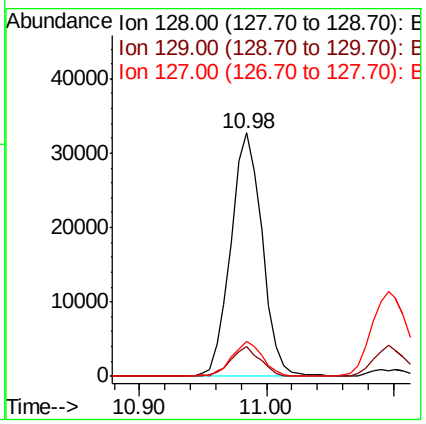




#31
Naphthalene
Concen: 7.419 ng
RT: 10.98 min Scan# 1344
Delta R.T. -0.02 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:128 Resp: 56043

Ion	Ratio	Lower	Upper
128	100		
129	12.1	8.5	12.7
127	14.5	11.4	17.2



Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

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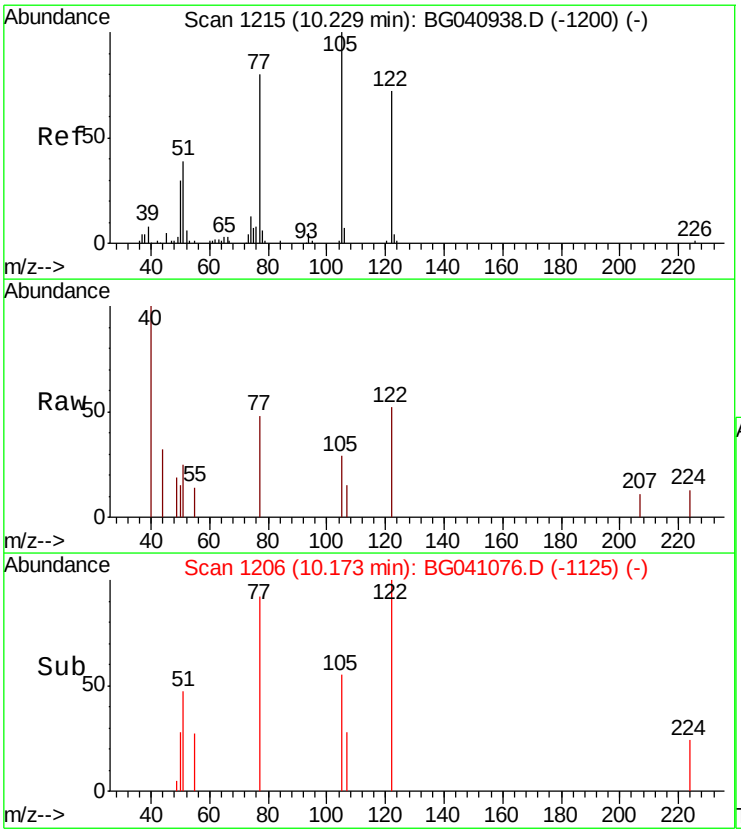
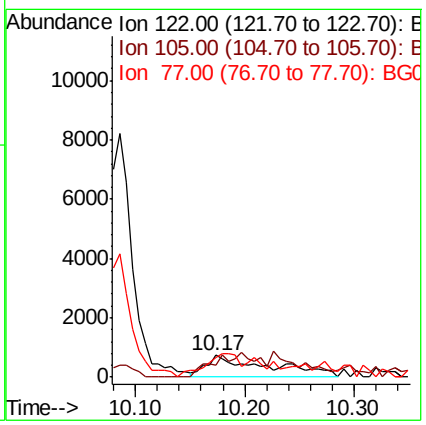
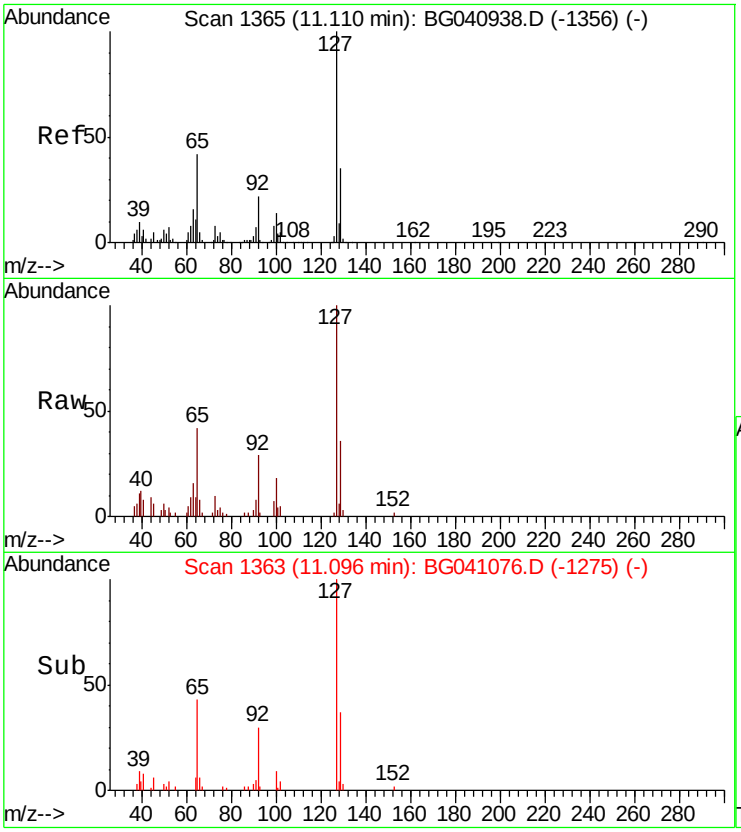


#32
Benzoic acid
Concen: 9.548 ng m
RT: 10.17 min Scan# 1206
Delta R.T. -0.05 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:122 Resp: 2919

Ion	Ratio	Lower	Upper
122	100		
105	55.3	114.8	154.8#
77	92.2	89.9	129.9

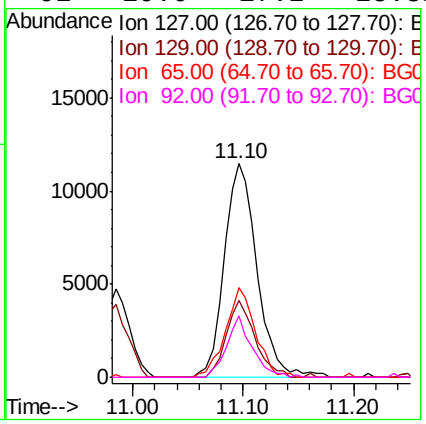




#33
4-Chloroaniline
Concen: 6.784 ng
RT: 11.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:127 Resp: 23775

Ion	Ratio	Lower	Upper
127	100		
129	36.0	27.7	41.5
65	41.8	33.2	49.8
92	29.0	17.2	25.8#



Instrument :
BNA_G
ClientSampleId :
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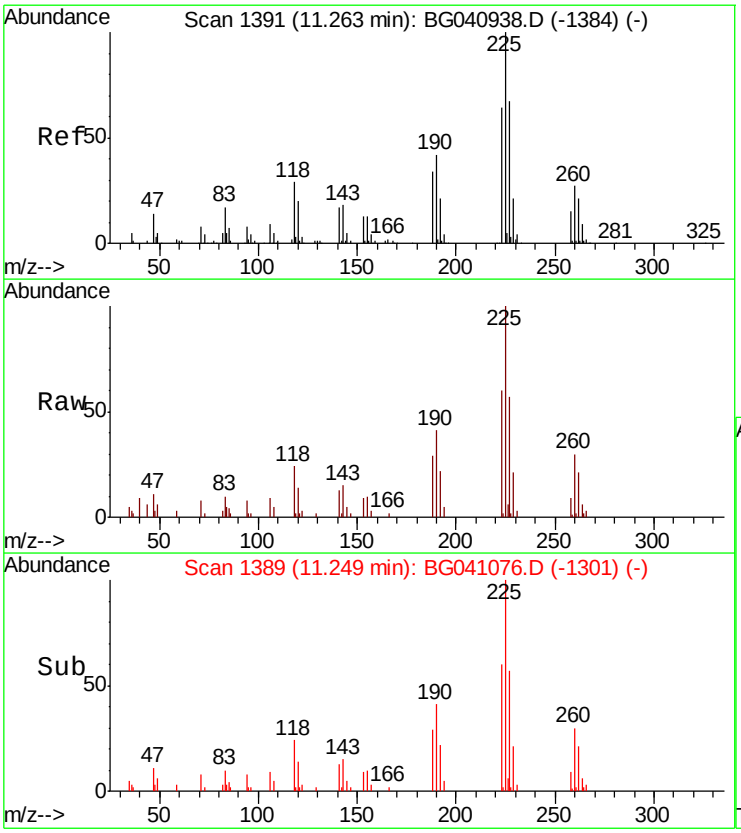
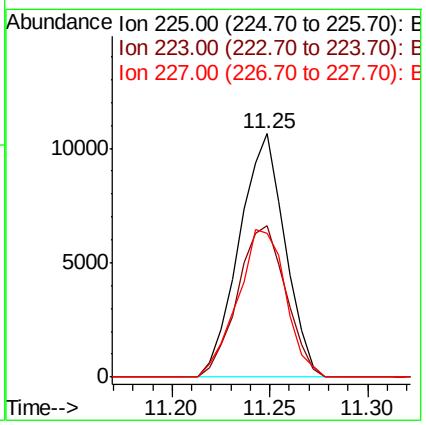
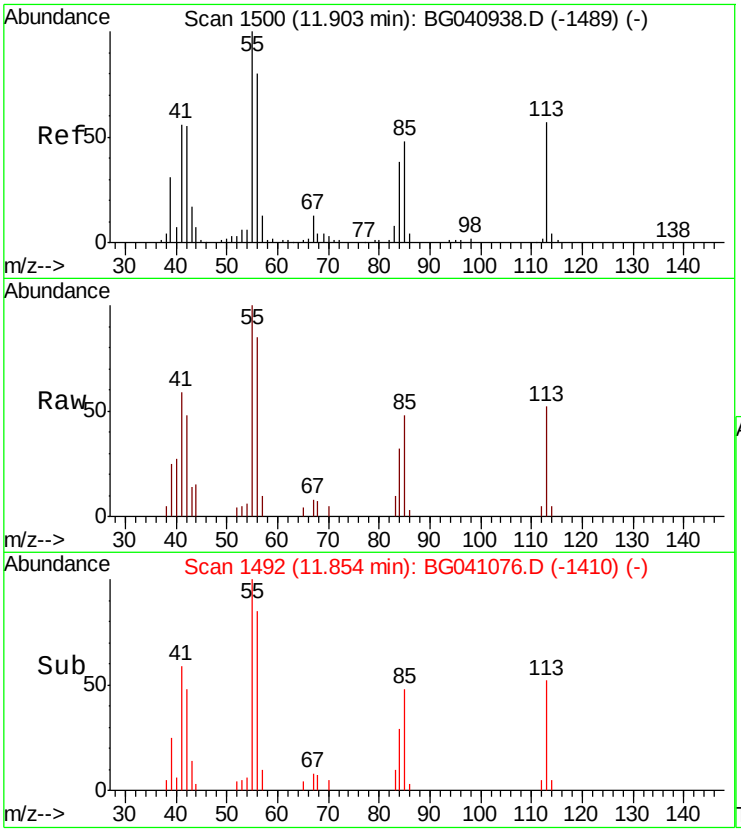


#34
Hexachlorobutadiene
Concen: 7.101 ng
RT: 11.25 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:225 Resp: 17258

Ion	Ratio	Lower	Upper
225	100		
223	62.4	48.8	73.2
227	59.2	51.4	77.0

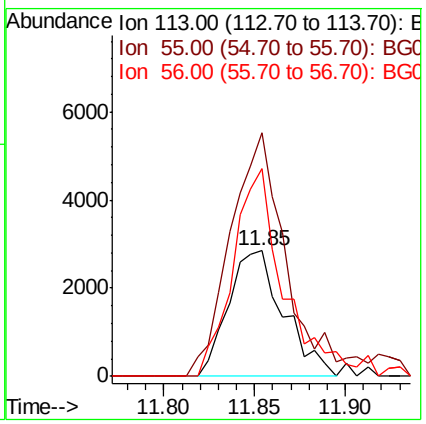




#35
Caprolactam
Concen: 6.550 ng
RT: 11.85 min Scan# 1492
Delta R.T. -0.05 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:113 Resp: 6040

Ion	Ratio	Lower	Upper
113	100		
55	193.6	155.9	195.9
56	165.4	119.9	159.9#



Instrument :
BNA_G
ClientSampleId :
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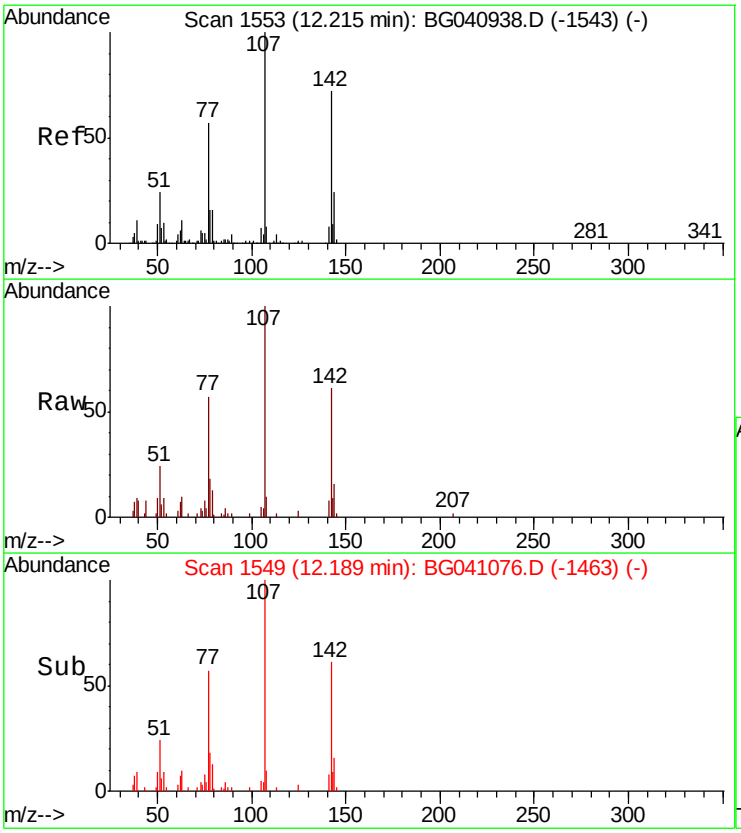
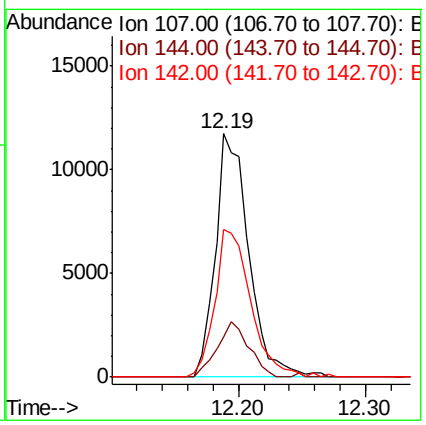
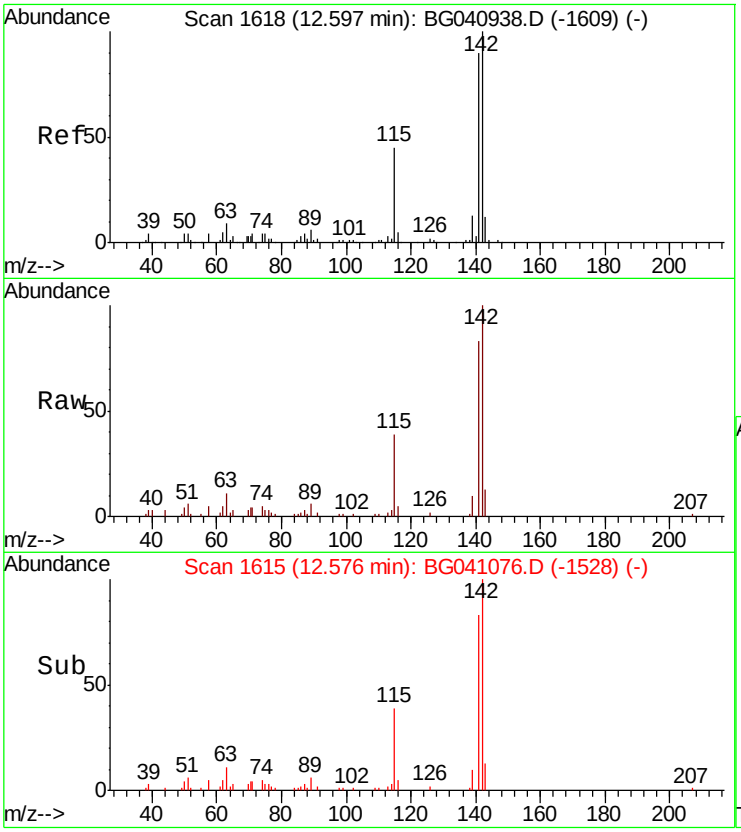


#36
4-Chloro-3-methylphenol
Concen: 6.710 ng
RT: 12.19 min Scan# 1549
Delta R.T. -0.03 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:107 Resp: 21397

Ion	Ratio	Lower	Upper
107	100		
144	16.4	19.4	29.0#
142	60.9	57.3	85.9

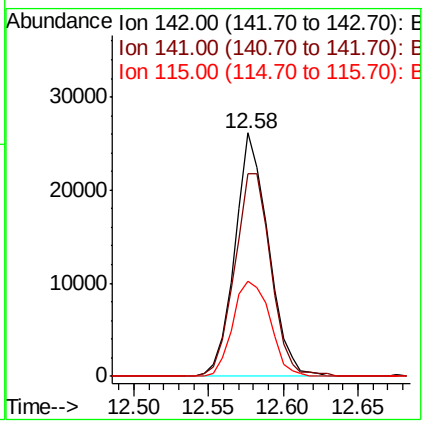




#37
2-Methylnaphthalene
Concen: 7.012 ng
RT: 12.58 min Scan# 1615
Delta R.T. -0.02 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:142 Resp: 40792

Ion	Ratio	Lower	Upper
142	100		
141	83.1	72.2	108.4
115	39.2	36.2	54.4



Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

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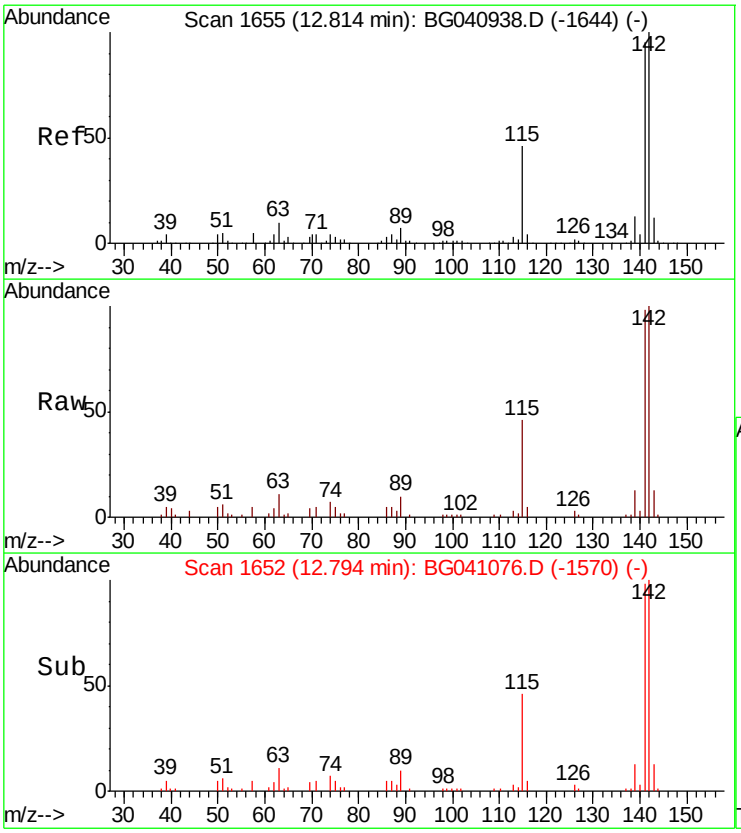
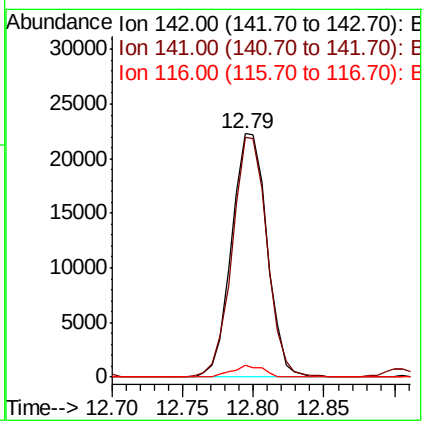
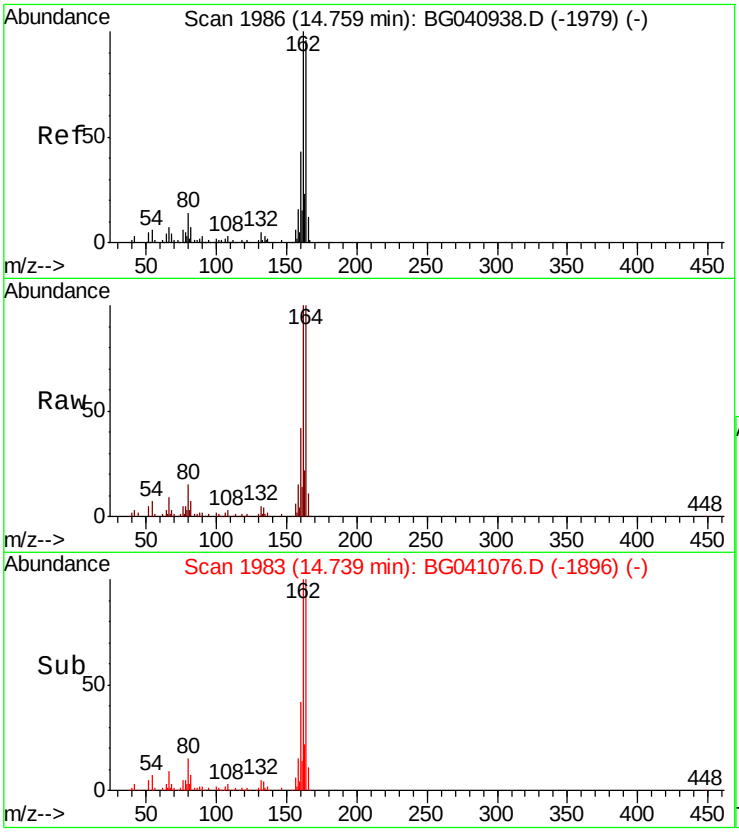


#38
1-Methylnaphthalene
Concen: 7.103 ng
RT: 12.79 min Scan# 1652
Delta R.T. -0.02 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:142 Resp: 38939

Ion	Ratio	Lower	Upper
142	100		
141	98.5	75.7	113.5
116	4.9	3.4	5.2

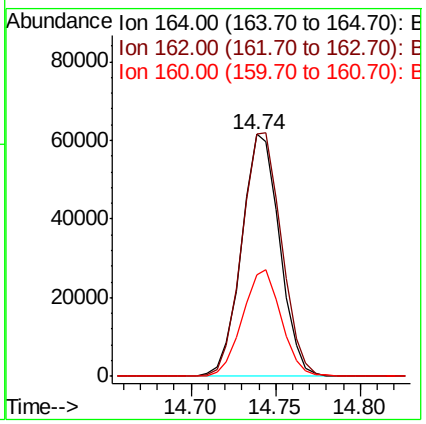




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.02 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:164 Resp: 96167

Ion	Ratio	Lower	Upper
164	100		
162	100.0	83.0	124.4
160	41.7	35.6	53.4



Instrument :
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ClientSampleId :
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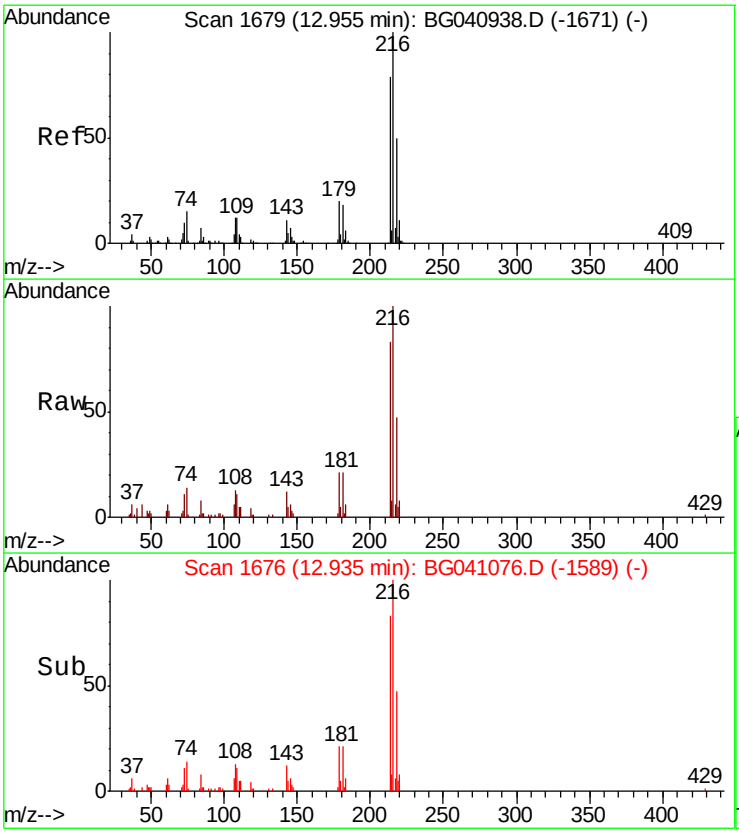
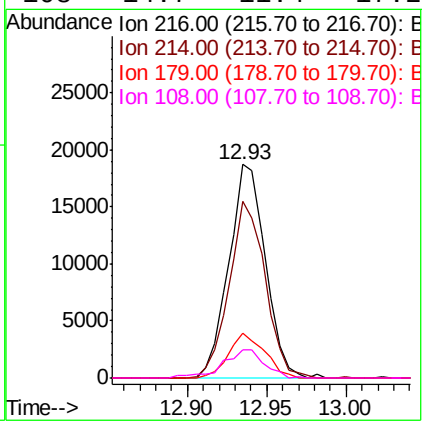
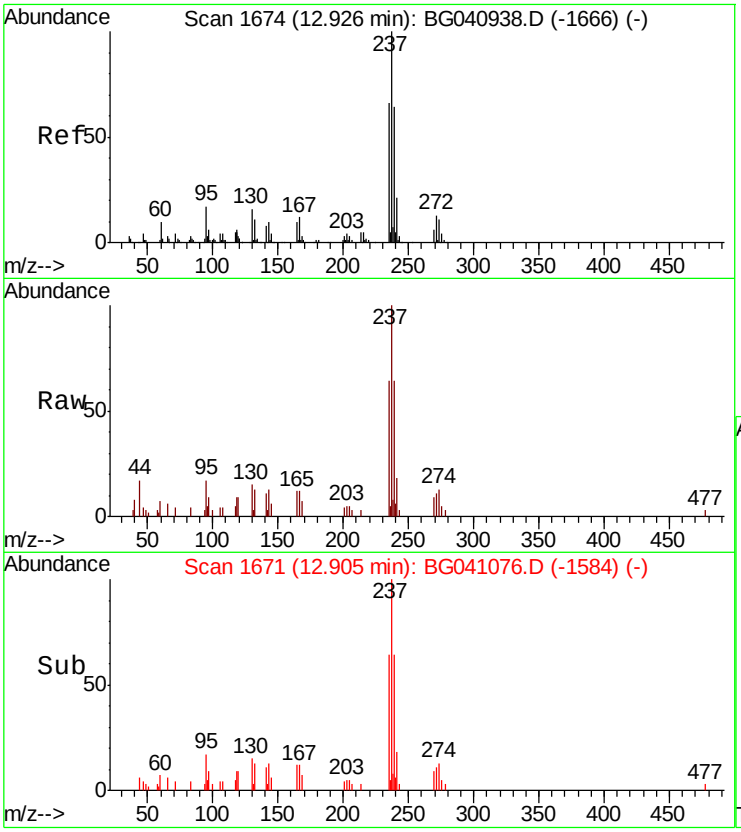


#40
1,2,4,5-Tetrachlorobenzene
Concen: 7.721 ng
RT: 12.93 min Scan# 1676
Delta R.T. -0.02 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:216 Resp: 29928

Ion	Ratio	Lower	Upper
216	100		
214	81.7	63.4	95.2
179	20.7	15.2	22.8
108	14.7	11.4	17.2





#41
Hexachlorocyclopentadiene
Concen: 12.976 ng
RT: 12.91 min Scan# 1671
Delta R.T. -0.02 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:237 Resp: 11010

Ion	Ratio	Lower	Upper
237	100		
235	63.9	45.5	85.5
272	11.0	0.0	32.9

Instrument :
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ClientSampleId :
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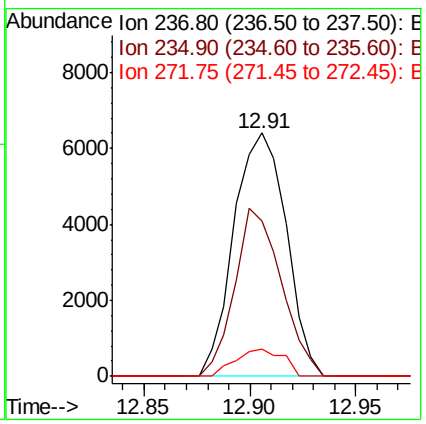
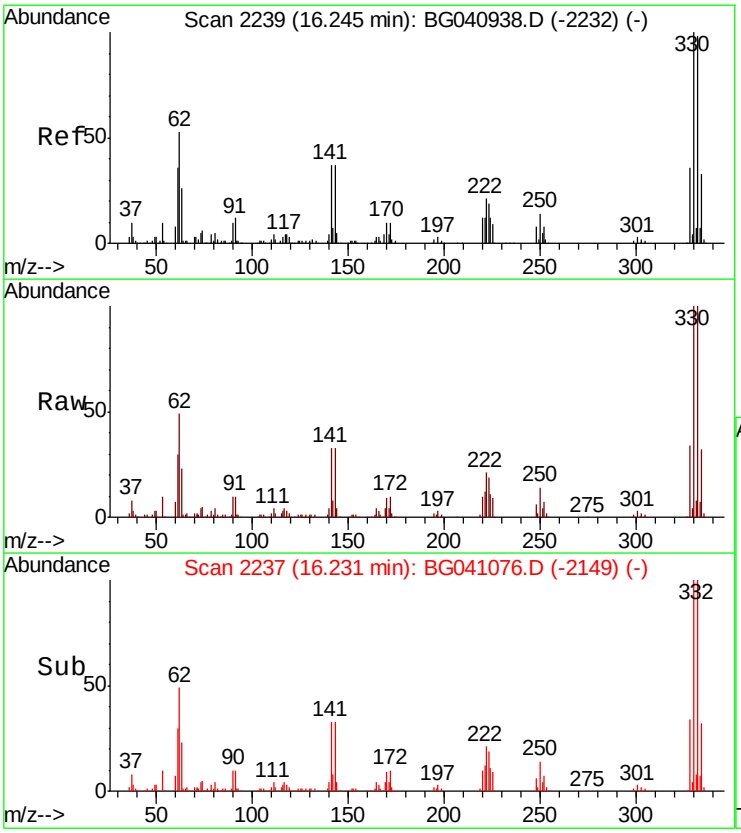
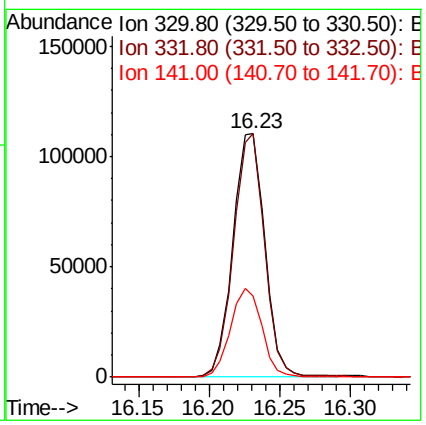


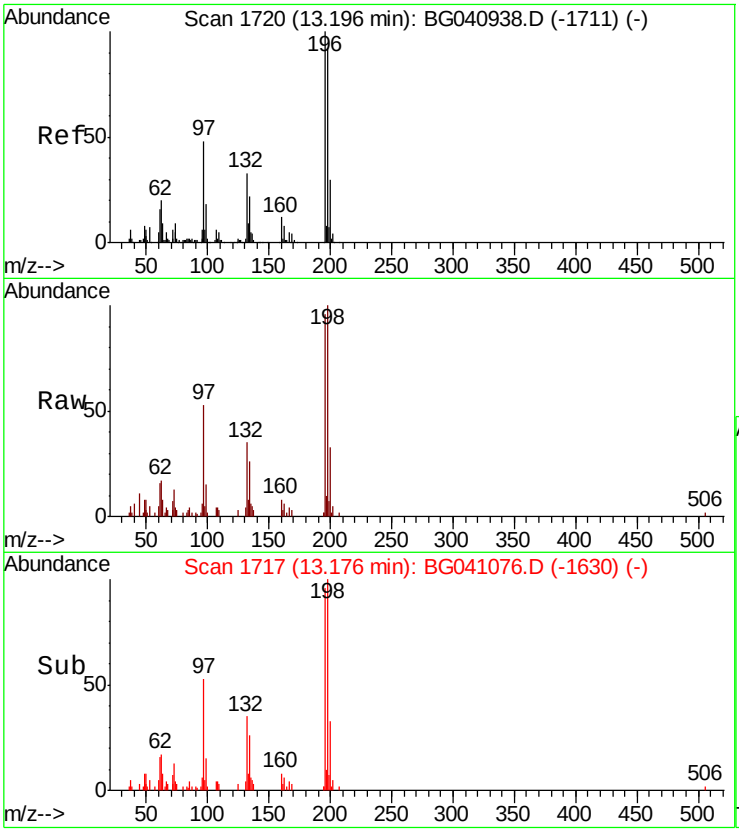


#42
2,4,6-Tribromophenol
Concen: 122.046 ng
RT: 16.23 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:330 Resp: 174241

Ion	Ratio	Lower	Upper
330	100		
332	96.2	78.5	117.7
141	35.6	28.7	43.1

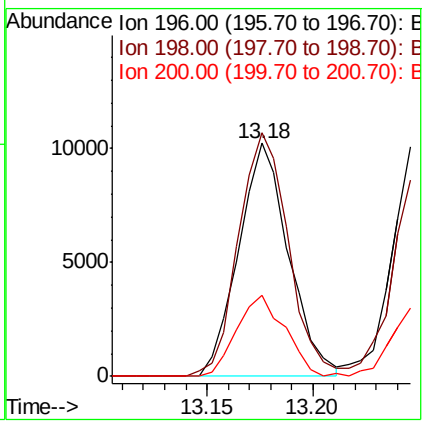




#43
2,4,6-Trichlorophenol
Concen: 6.732 ng
RT: 13.18 min Scan# 1717
Delta R.T. -0.02 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:196 Resp: 16881

Ion	Ratio	Lower	Upper
196	100		
198	104.5	73.8	110.6
200	34.8	24.1	36.1



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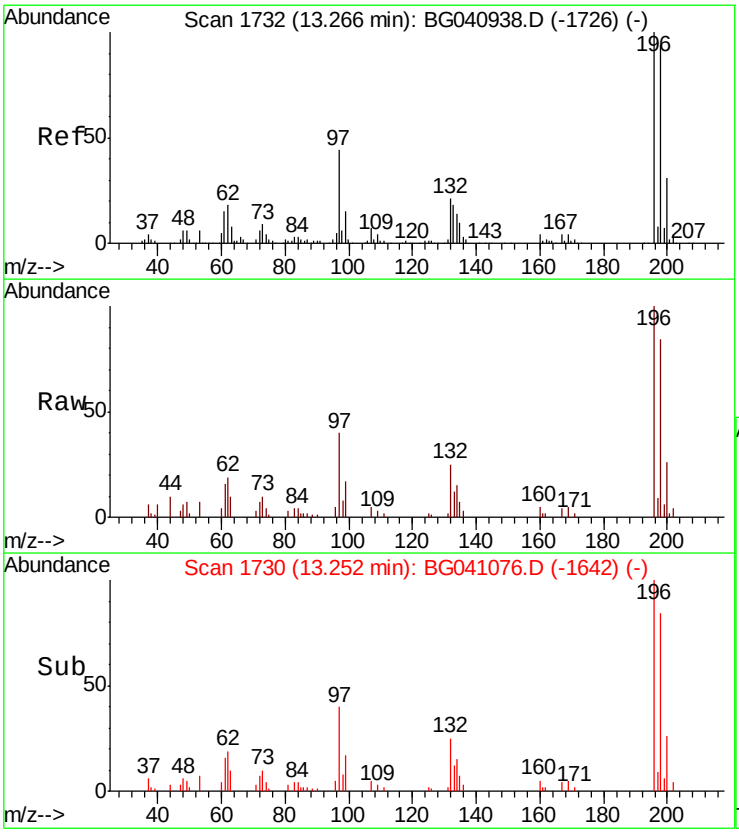
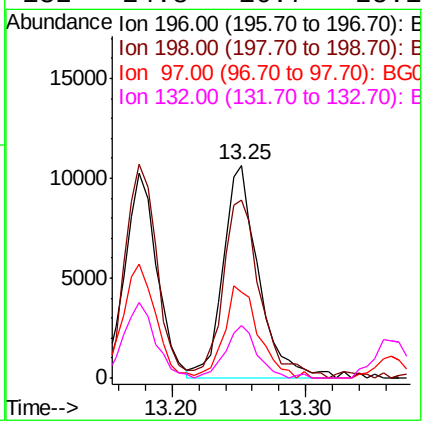
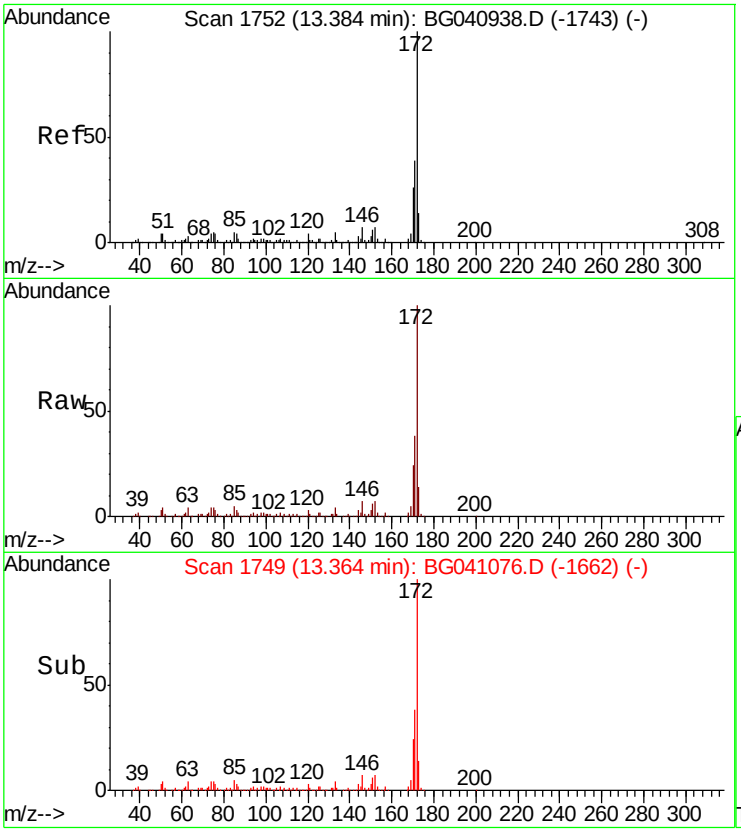


#44
2,4,5-Trichlorophenol
Concen: 7.464 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:196 Resp: 19738

Ion	Ratio	Lower	Upper
196	100		
198	83.6	75.1	112.7
97	40.1	35.6	53.4
132	24.8	16.7	25.1

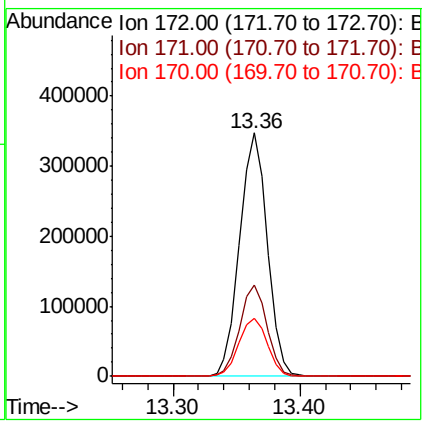




#45
2-Fluorobiphenyl
Concen: 78.793 ng
RT: 13.36 min Scan# 1749
Delta R.T. -0.02 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:172 Resp: 526159

Ion	Ratio	Lower	Upper
172	100		
171	37.7	31.1	46.7
170	23.8	20.5	30.7



Instrument :
BNA_G
ClientSampleId :
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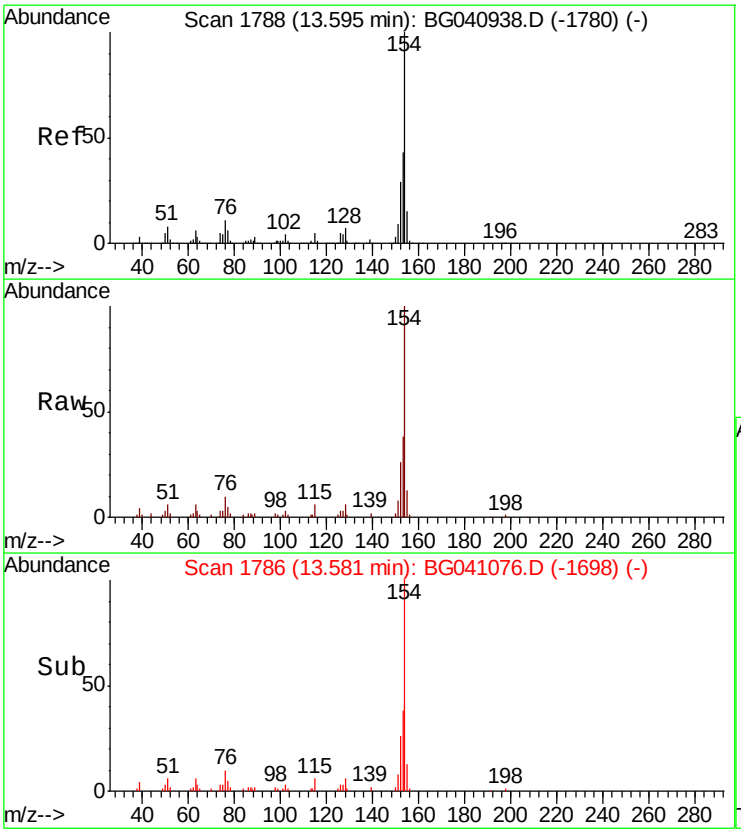
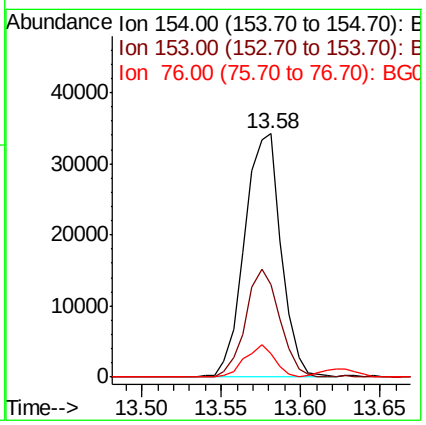
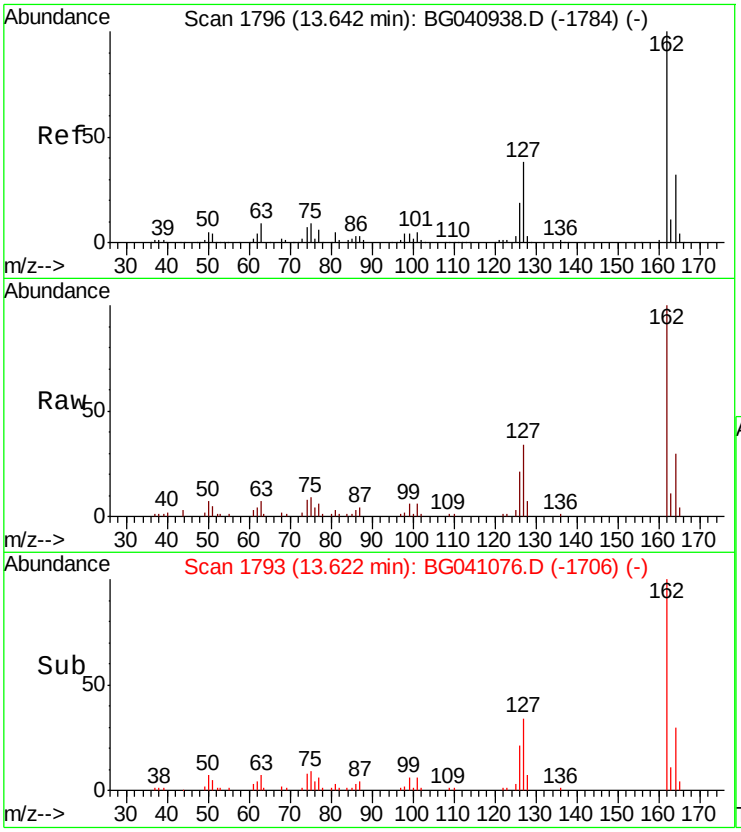


#46
1,1'-Biphenyl
Concen: 7.701 ng
RT: 13.58 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:154 Resp: 54819

Ion	Ratio	Lower	Upper
154	100		
153	38.0	23.3	63.3
76	9.6	0.0	31.1

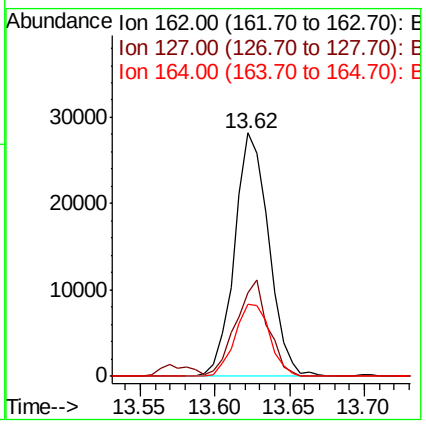




#47
2-Chloronaphthalene
Concen: 7.350 ng
RT: 13.62 min Scan# 1793
Delta R.T. -0.02 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:162 Resp: 44914

Ion	Ratio	Lower	Upper
162	100		
127	34.2	30.5	45.7
164	29.6	25.8	38.6



Instrument :
BNA_G
ClientSampleId :
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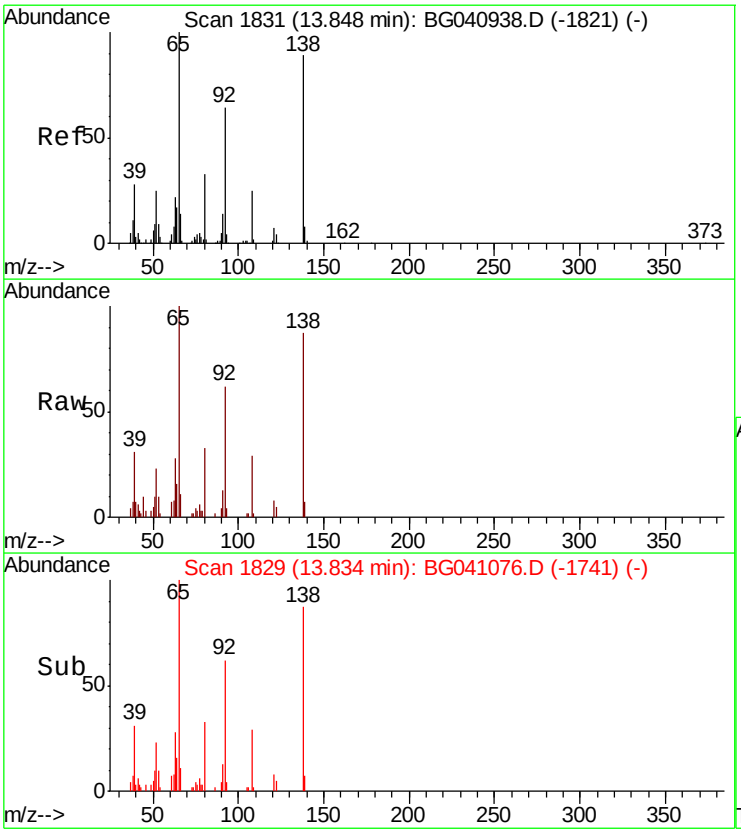
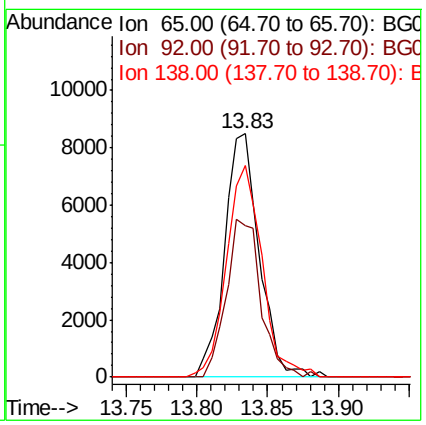
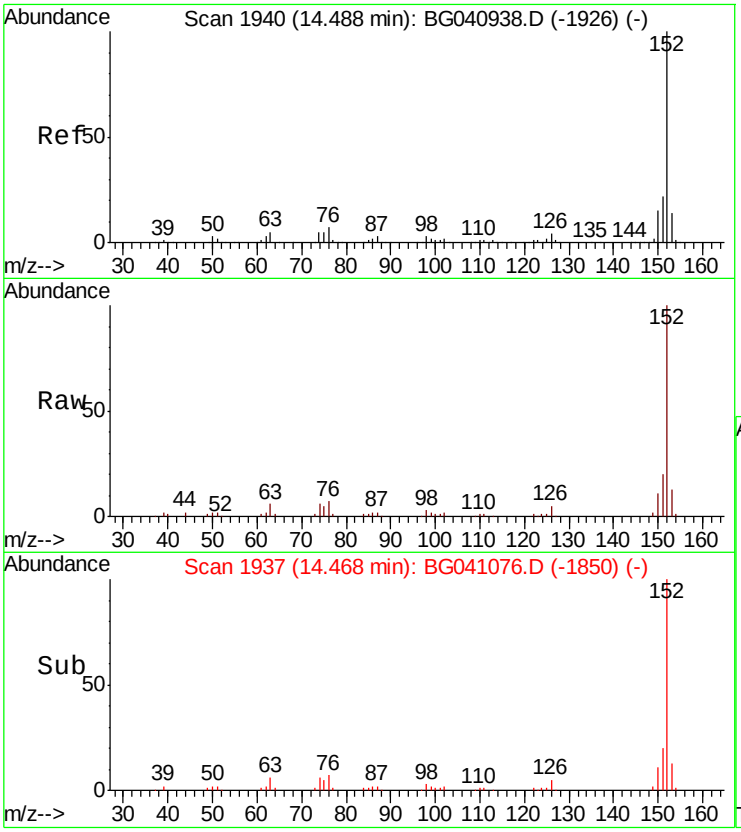


#48
2-Nitroaniline
Concen: 6.610 ng
RT: 13.83 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion: 65 Resp: 14491

Ion	Ratio	Lower	Upper
65	100		
92	62.3	51.0	76.6
138	86.9	71.2	106.8

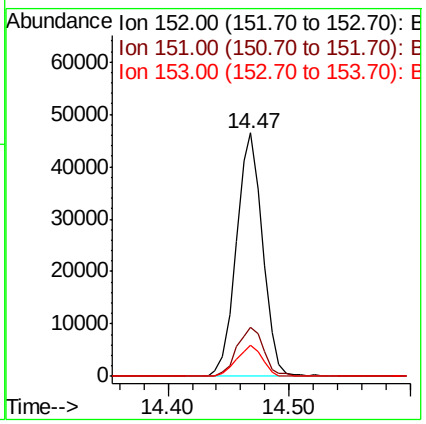




#49
Acenaphthylene
Concen: 7.641 ng
RT: 14.47 min Scan# 1937
Delta R.T. -0.02 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:152 Resp: 70278

Ion	Ratio	Lower	Upper
152	100		
151	20.2	17.4	26.0
153	12.8	11.0	16.4



Instrument :
BNA_G
ClientSampleId :
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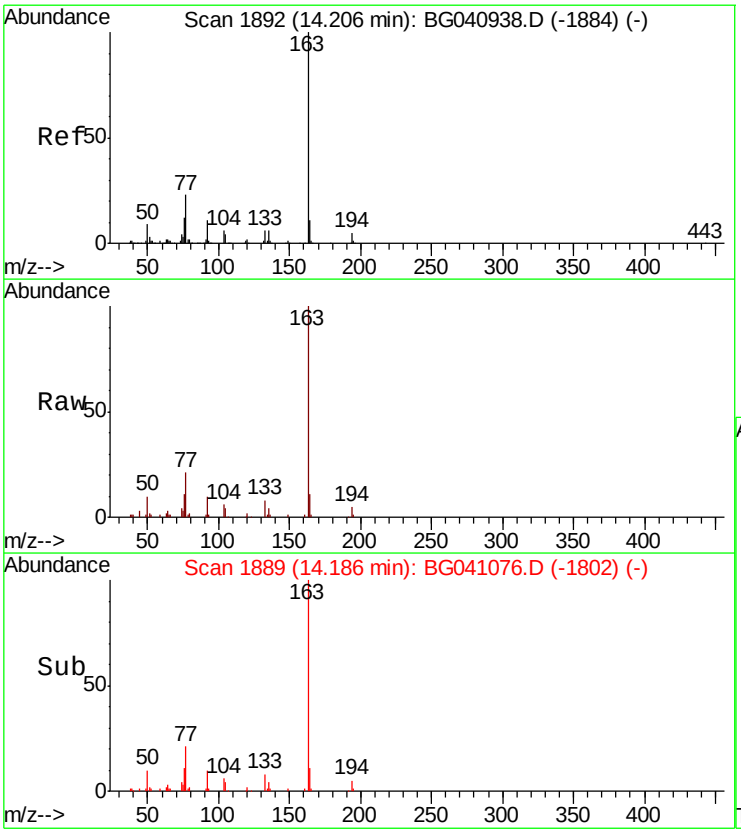
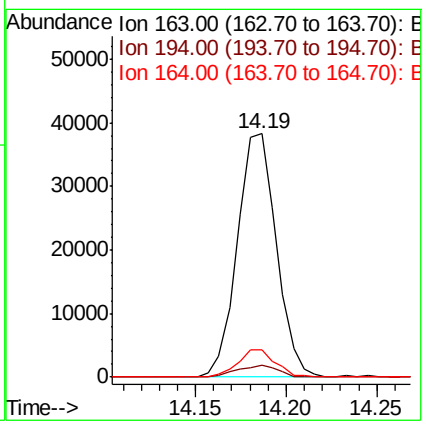
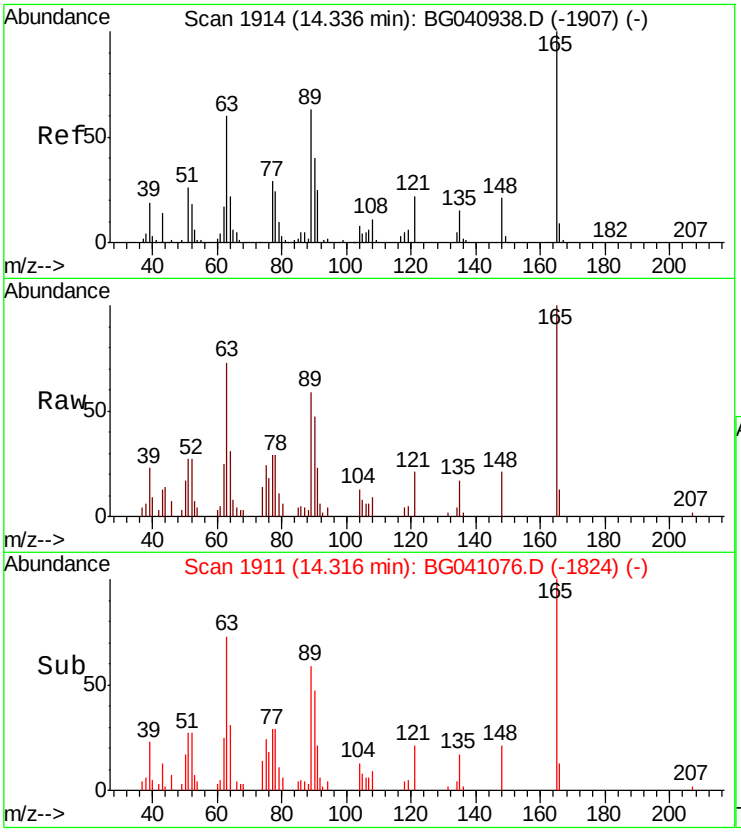


#50
Dimethylphthalate
Concen: 7.048 ng
RT: 14.19 min Scan# 1889
Delta R.T. -0.02 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:163 Resp: 57372

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.8	5.8
164	11.0	8.7	13.1

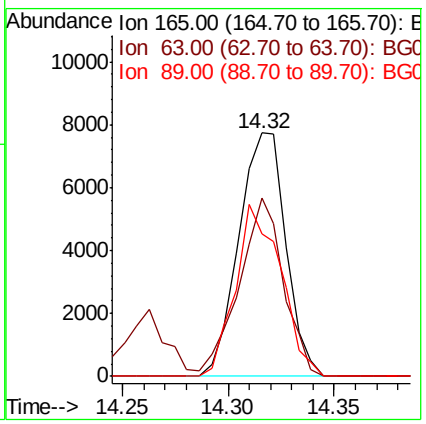




#51
2,6-Dinitrotoluene
Concen: 6.784 ng
RT: 14.32 min Scan# 1911
Delta R.T. -0.02 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:165 Resp: 11907

Ion	Ratio	Lower	Upper
165	100		
63	73.1	53.6	80.4
89	58.6	50.4	75.6



Instrument :
BNA_G
ClientSampleId :
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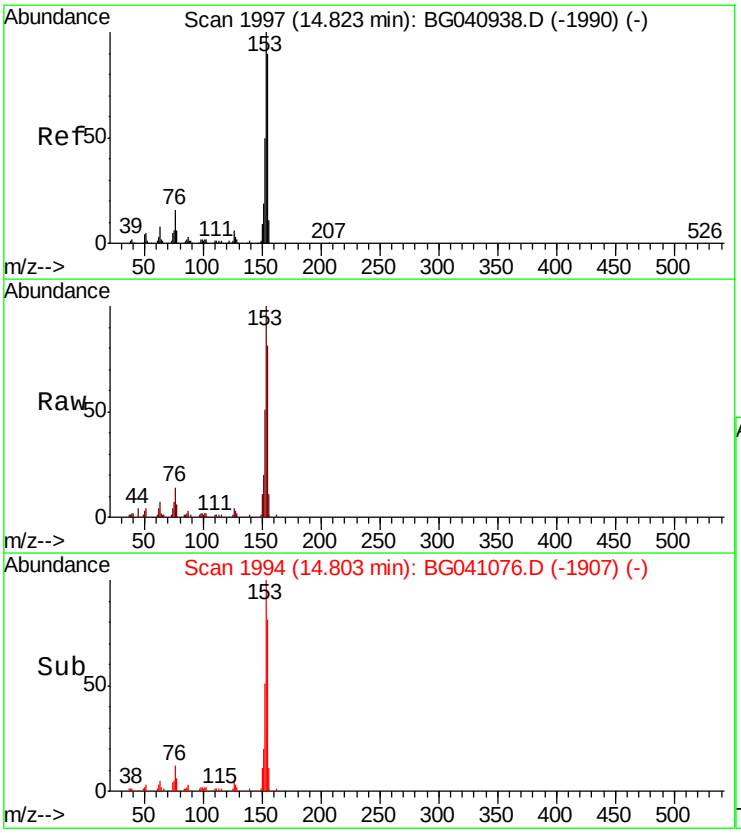
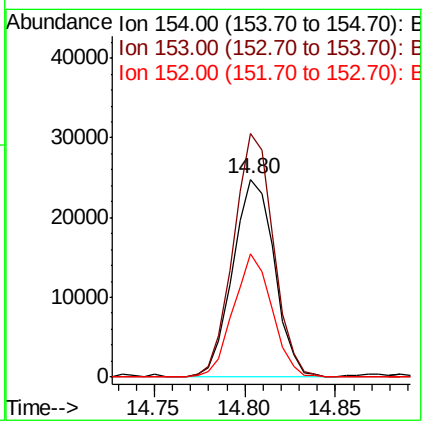
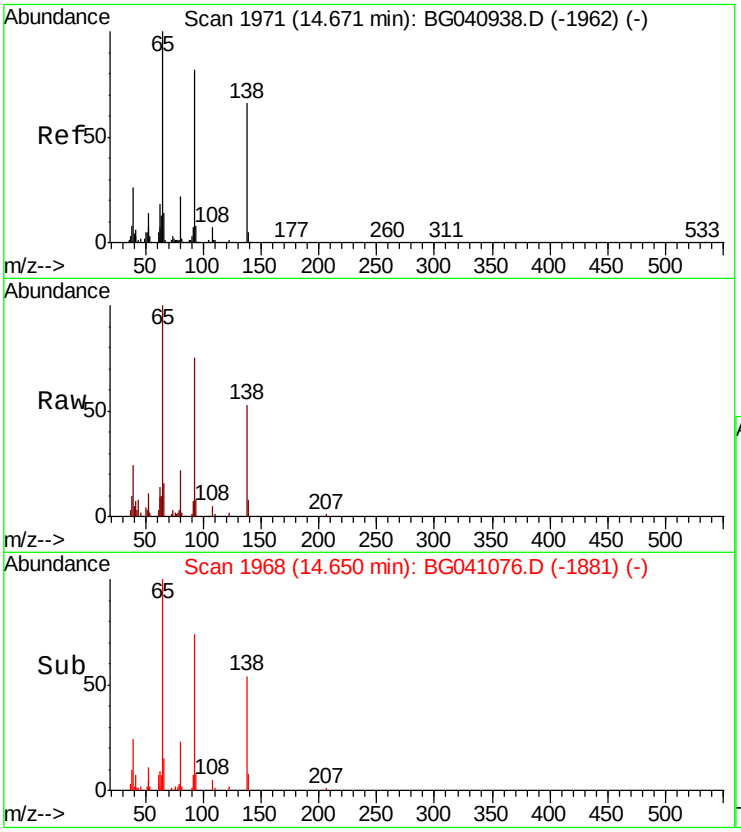


#52
Acenaphthene
Concen: 7.113 ng
RT: 14.80 min Scan# 1994
Delta R.T. -0.02 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:154 Resp: 39630

Ion	Ratio	Lower	Upper
154	100		
153	123.0	88.6	133.0
152	62.3	44.2	66.4

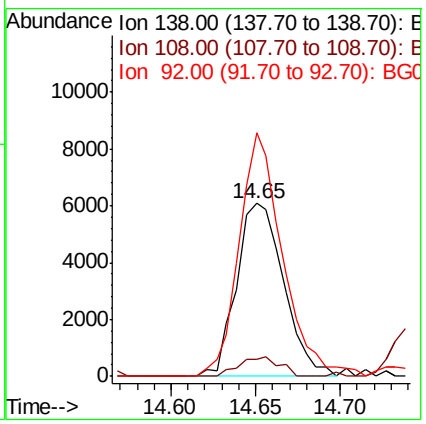




#53
3-Nitroaniline
Concen: 6.701 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.02 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:138 Resp: 11761

Ion	Ratio	Lower	Upper
138	100		
108	9.8	8.5	12.7
92	140.6	99.0	148.6



Instrument :
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ClientSampleId :
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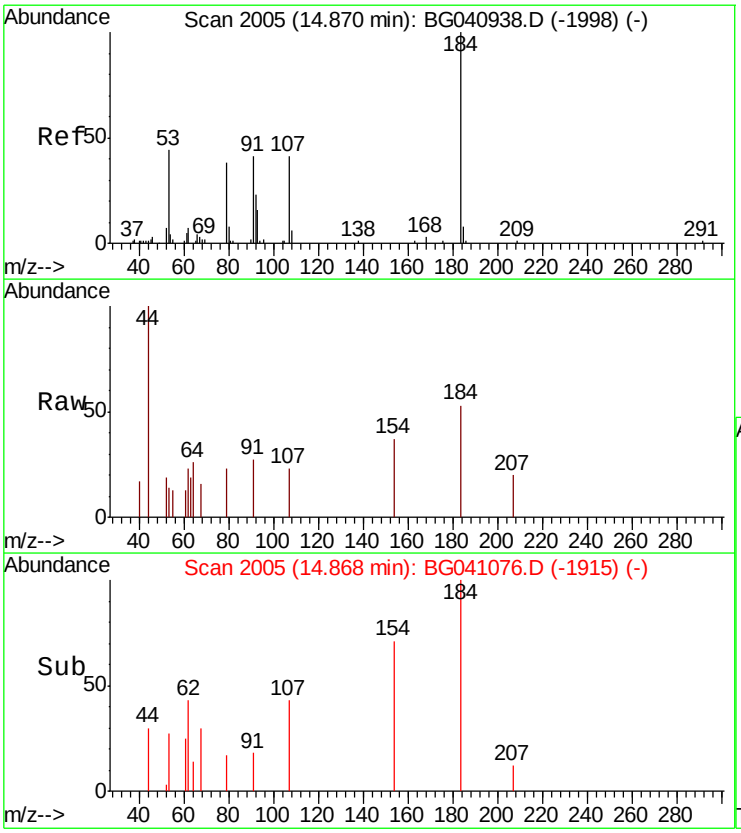
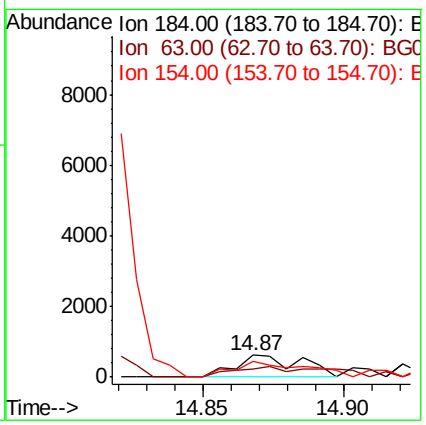
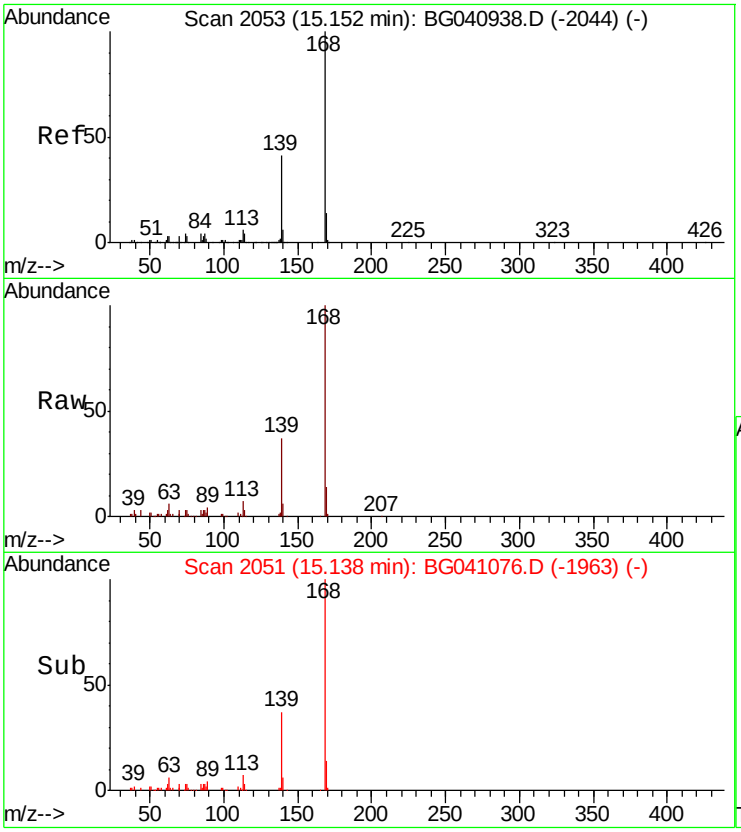


#54
2,4-Dinitrophenol
Concen: 9.602 ng
RT: 14.87 min Scan# 2005
Delta R.T. -0.00 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:184 Resp: 981

Ion	Ratio	Lower	Upper
184	100		
63	35.4	49.8	74.6#
154	71.2	52.2	78.4

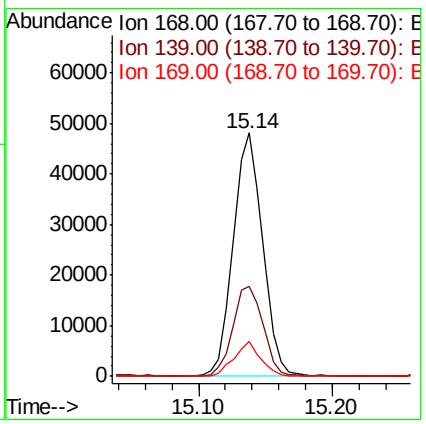




#55
Dibenzofuran
Concen: 7.839 ng
RT: 15.14 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:168 Resp: 73490

Ion	Ratio	Lower	Upper
168	100		
139	37.1	32.8	49.2
169	14.3	11.3	16.9



Instrument :
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ClientSampleId :
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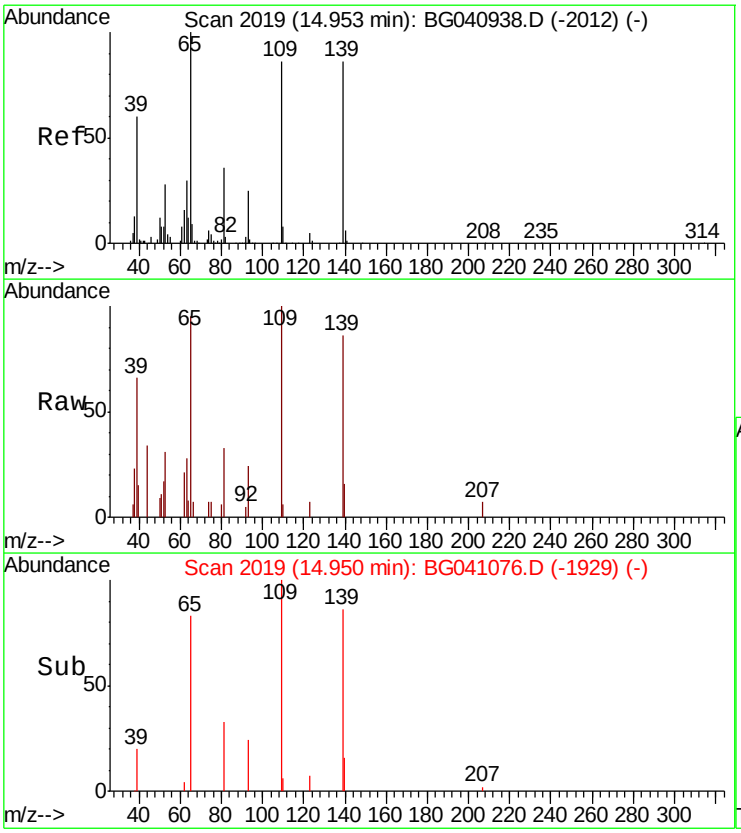
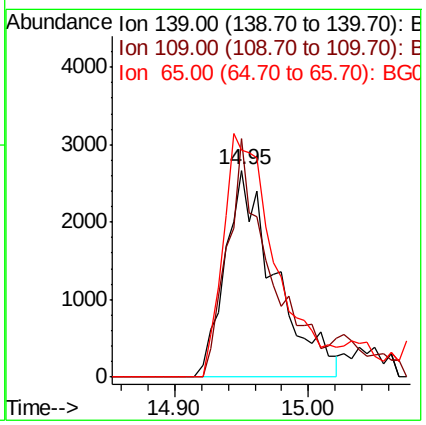
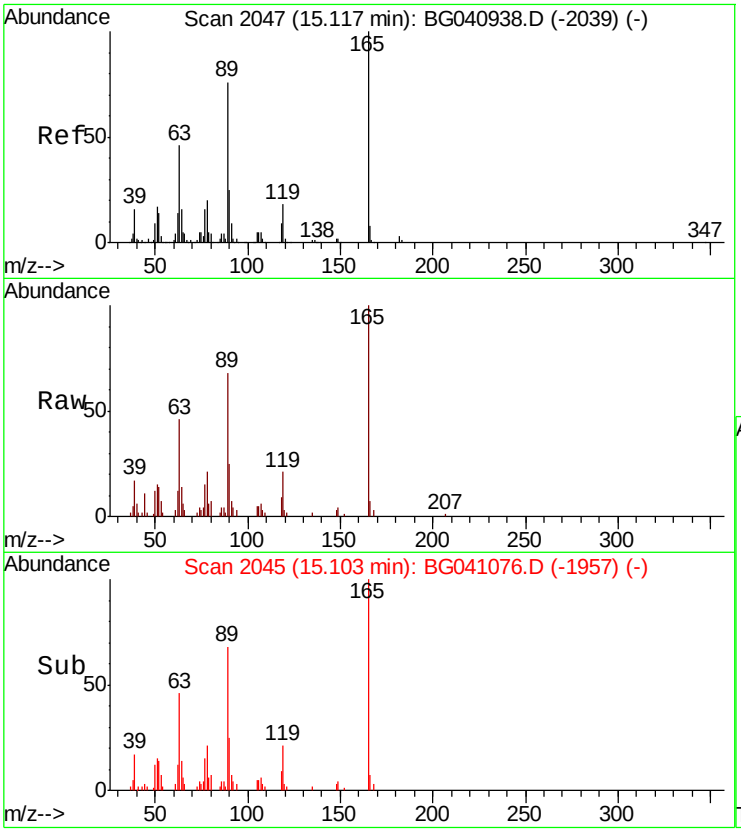


#56
4-Nitrophenol
Concen: 5.776 ng
RT: 14.95 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:139 Resp: 6954

Ion	Ratio	Lower	Upper
139	100		
109	115.8	79.6	119.6
65	110.0	96.9	136.9

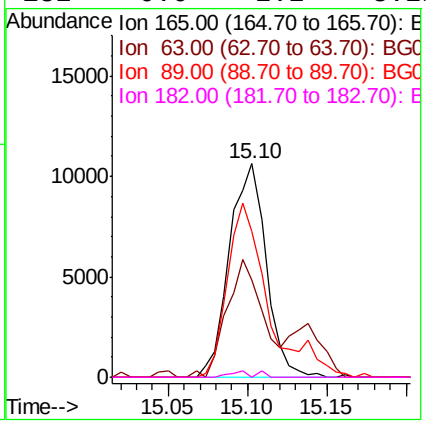




#57
2,4-Dinitrotoluene
Concen: 6.877 ng
RT: 15.10 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:165 Resp: 17051

Ion	Ratio	Lower	Upper
165	100		
63	45.8	37.3	55.9
89	68.4	61.0	91.6
182	0.0	2.2	3.2#



Instrument :
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ClientSampleId :
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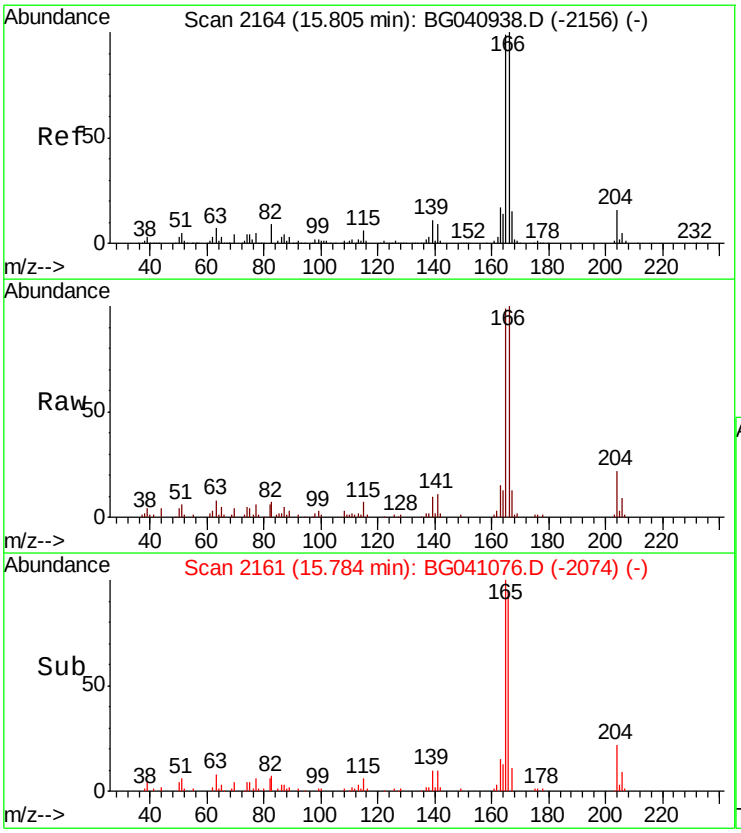
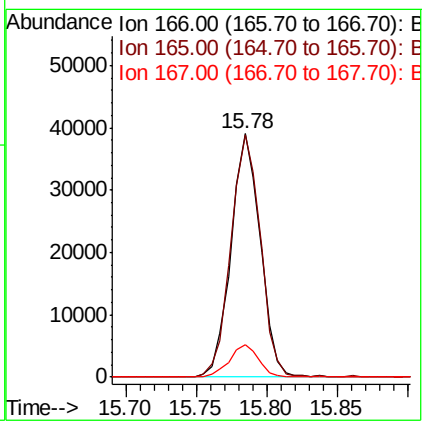
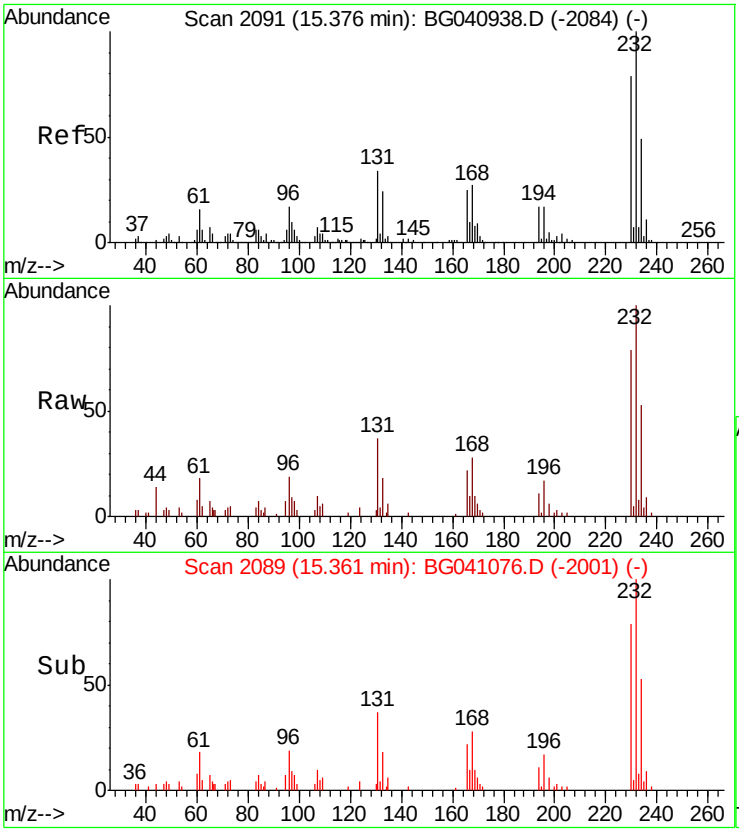


#58
Fluorene
Concen: 7.541 ng
RT: 15.78 min Scan# 2161
Delta R.T. -0.02 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:166 Resp: 56305

Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.2	118.8
167	13.4	11.8	17.6

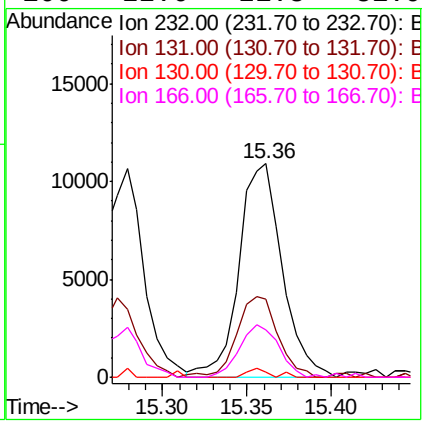




#59
2,3,4,6-Tetrachlorophenol
Concen: 7.431 ng
RT: 15.36 min Scan# 2089
Delta R.T. -0.01 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:232 Resp: 19313

Ion	Ratio	Lower	Upper
232	100		
131	36.2	30.3	45.5
130	2.3	1.8	2.8
166	22.6	21.3	31.9



Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

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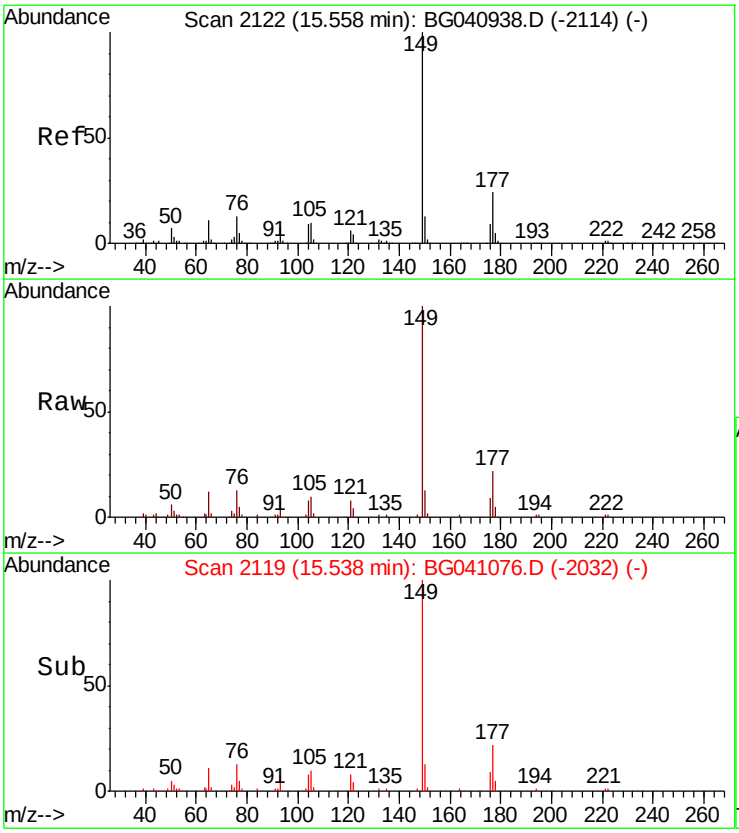
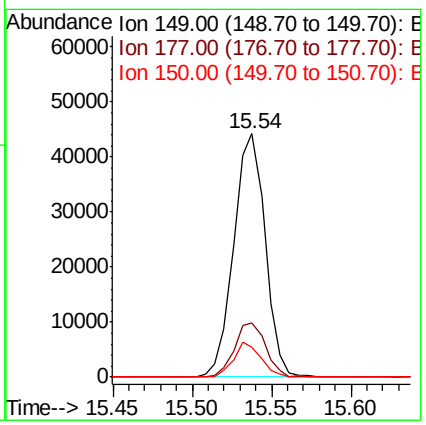
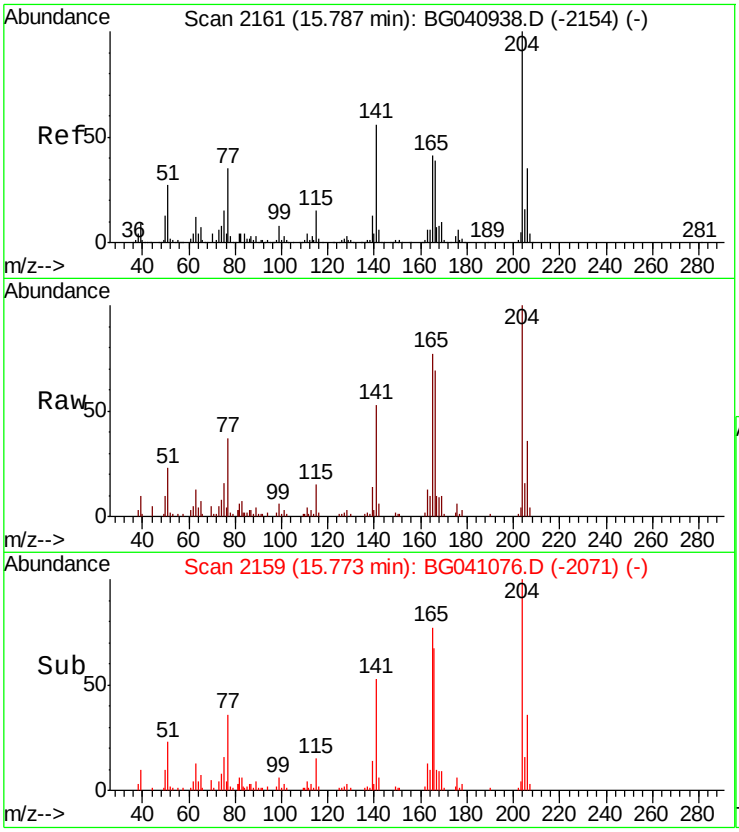


#60
Diethylphthalate
Concen: 7.295 ng
RT: 15.54 min Scan# 2119
Delta R.T. -0.02 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:149 Resp: 60605

Ion	Ratio	Lower	Upper
149	100		
177	22.1	19.4	29.0
150	12.5	10.3	15.5





#61
4-Chlorophenyl-phenylether
Concen: 7.032 ng
RT: 15.77 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:204 Resp: 34125

Ion	Ratio	Lower	Upper
204	100		
206	36.0	27.6	41.4
141	53.3	45.1	67.7

Instrument :
BNA_G
ClientSampleId :
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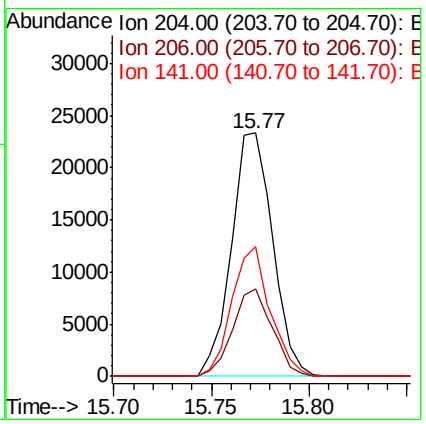
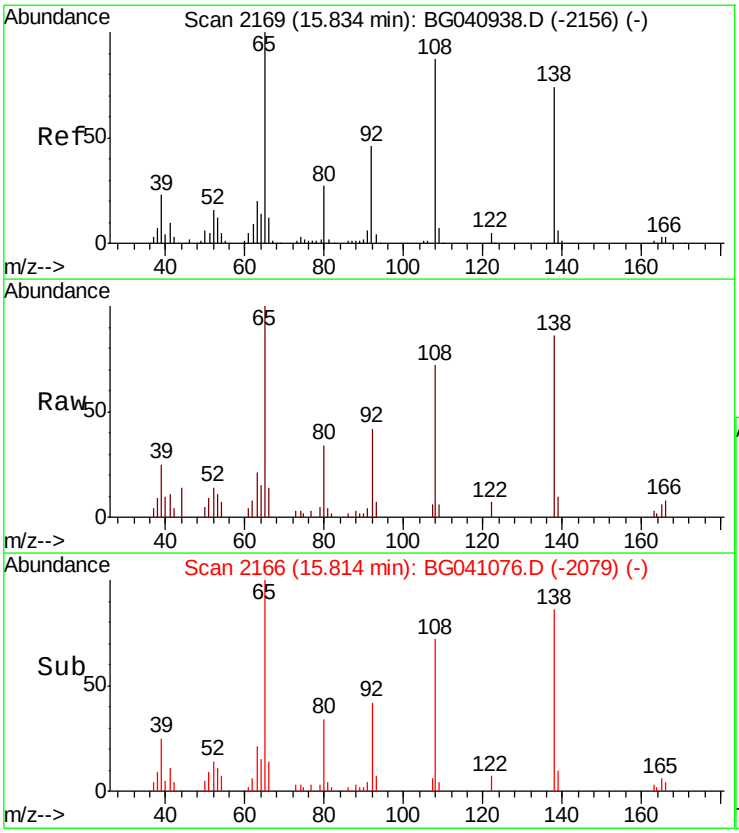
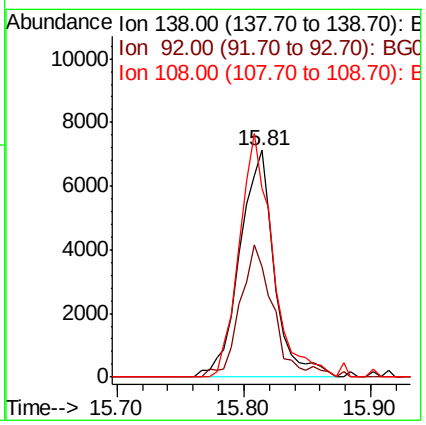


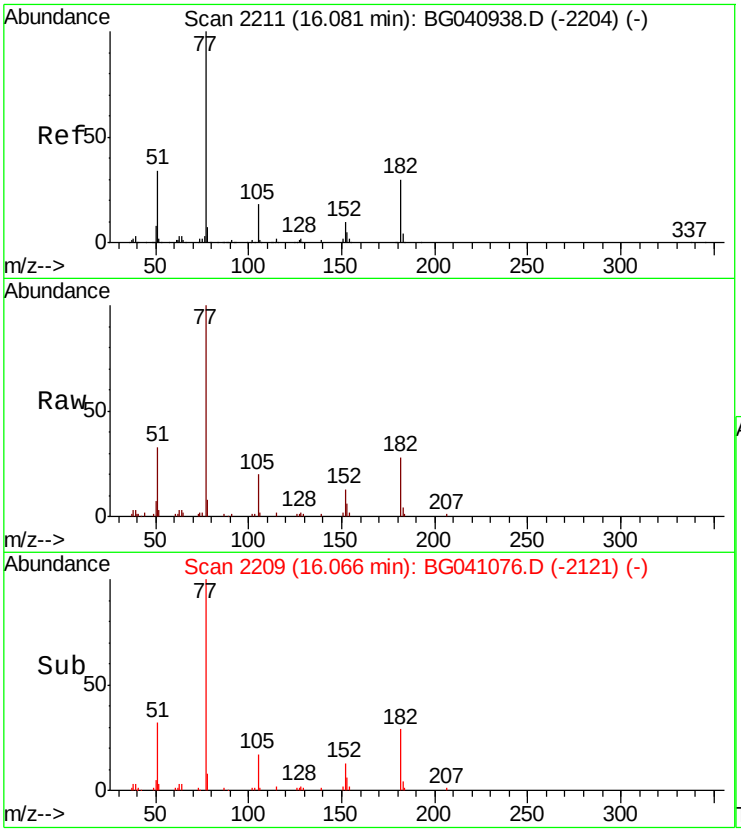


#62
4-Nitroaniline
Concen: 7.260 ng
RT: 15.81 min Scan# 2166
Delta R.T. -0.02 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:138 Resp: 13490

Ion	Ratio	Lower	Upper
138	100		
92	48.7	42.4	82.4
108	82.9	96.9	136.9#

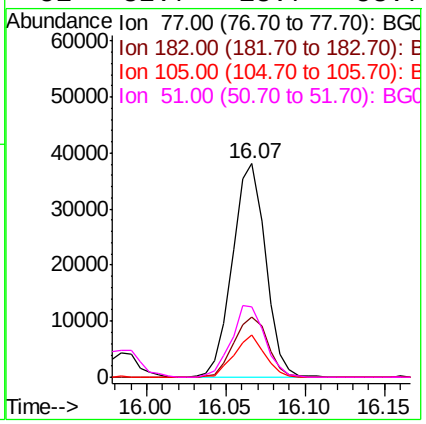




#63
Azobenzene
Concen: 7.318 ng
RT: 16.07 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion: 77 Resp: 55260

Ion	Ratio	Lower	Upper
77	100		
182	28.0	9.6	49.6
105	19.9	0.0	37.5
51	32.7	13.7	53.7



Instrument :
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ClientSampleId :
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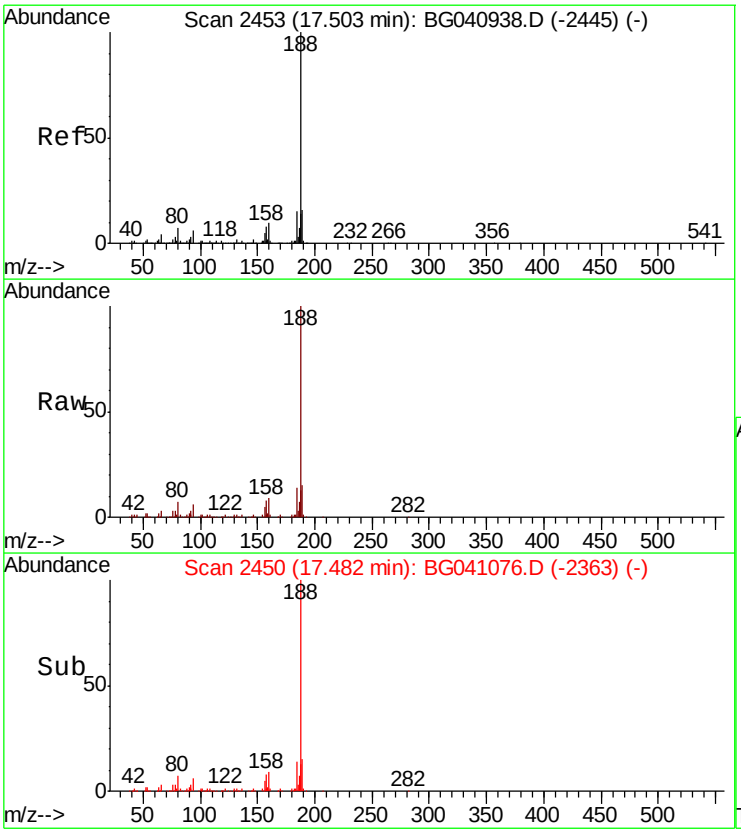
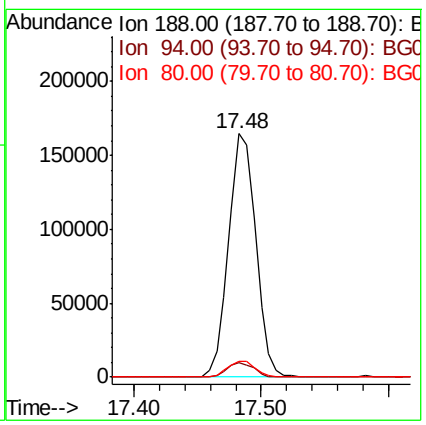
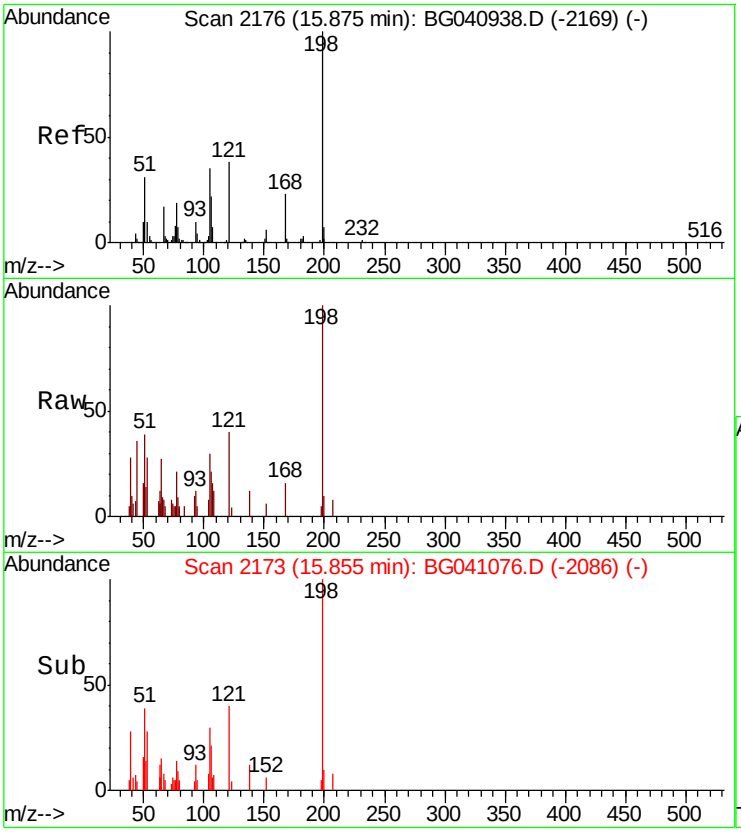


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2450
Delta R.T. -0.02 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:188 Resp: 243904

Ion	Ratio	Lower	Upper
188	100		
94	5.8	4.7	7.1
80	6.7	5.8	8.8





#65
4,6-Dinitro-2-methylphenol
Concen: 12.353 ng
RT: 15.85 min Scan# 2173
Delta R.T. -0.02 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:198 Resp: 5991

Ion	Ratio	Lower	Upper
198	100		
51	39.0	21.6	61.6
105	30.4	17.5	57.5

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

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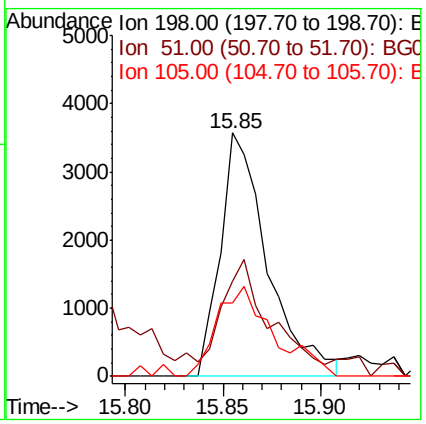
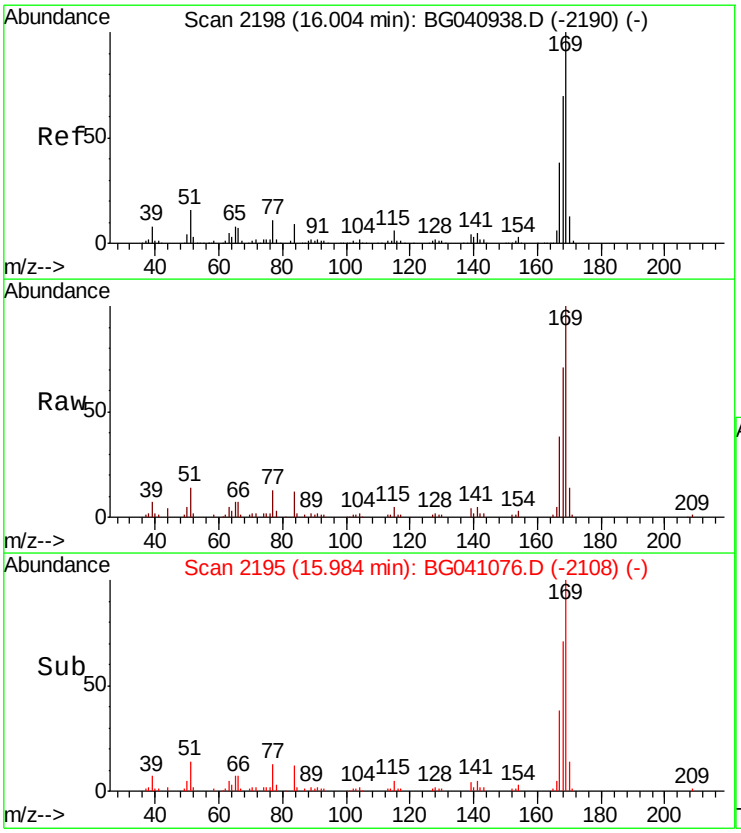
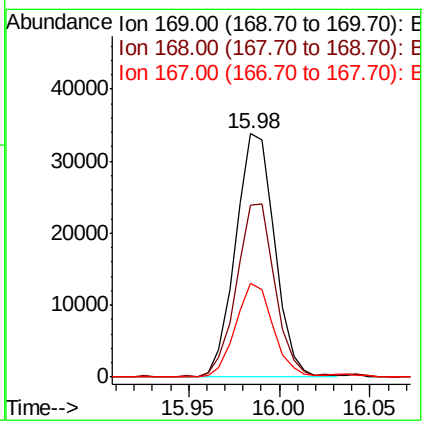


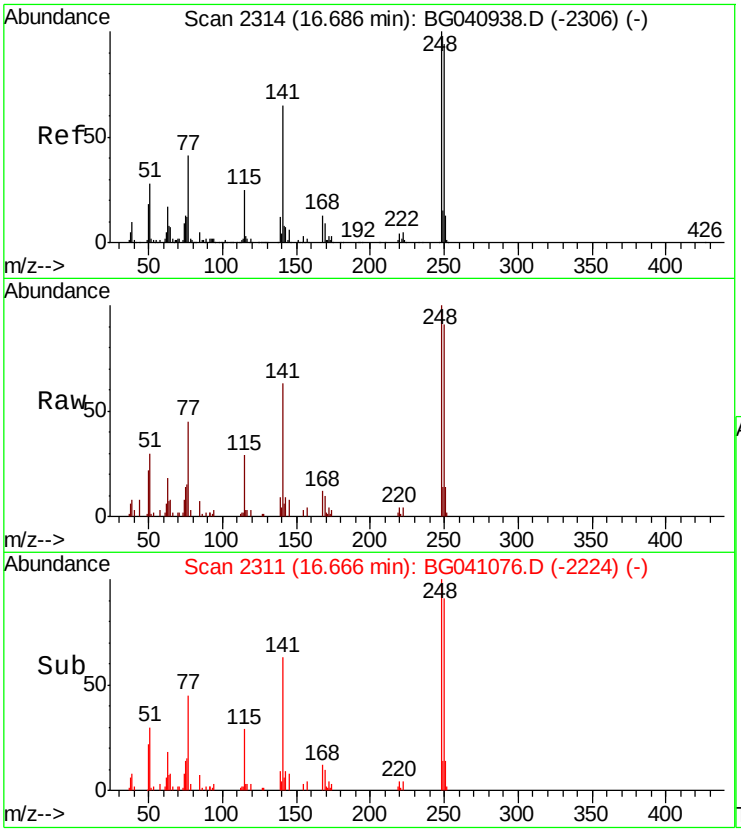


#66
n-Nitrosodiphenylamine
Concen: 7.367 ng
RT: 15.98 min Scan# 2195
Delta R.T. -0.02 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:169 Resp: 50508

Ion	Ratio	Lower	Upper
169	100		
168	70.6	55.7	83.5
167	38.5	30.2	45.2

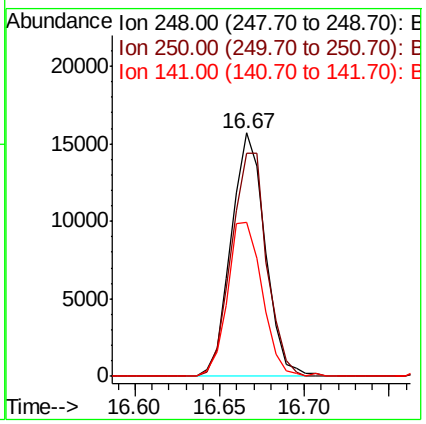




#67
4-Bromophenyl-phenylether
Concen: 6.681 ng
RT: 16.67 min Scan# 2311
Delta R.T. -0.02 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:248 Resp: 21991

Ion	Ratio	Lower	Upper
248	100		
250	91.4	75.0	112.4
141	63.1	52.4	78.6



Instrument :
BNA_G
ClientSampleId :
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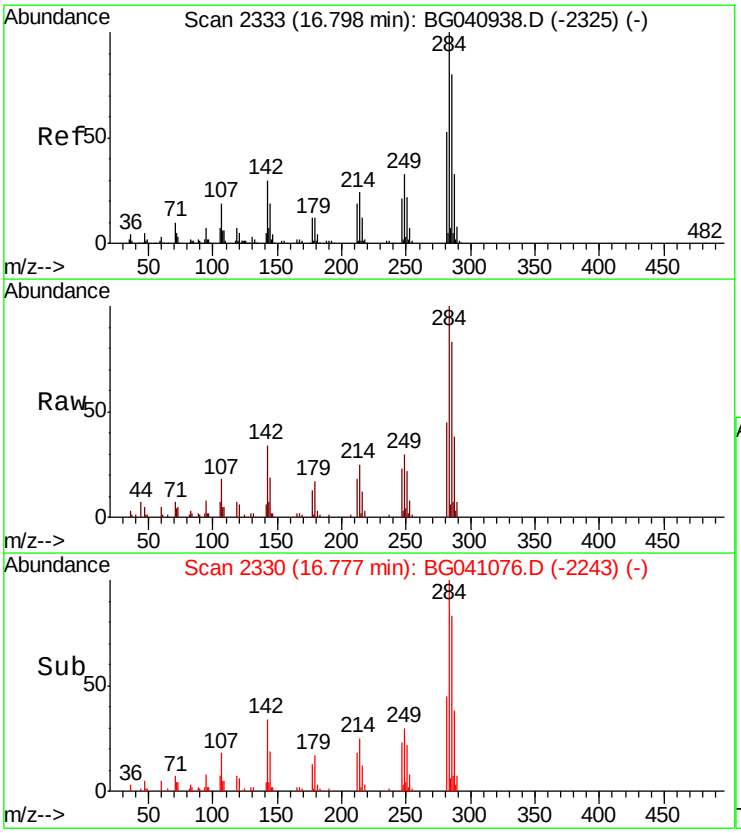
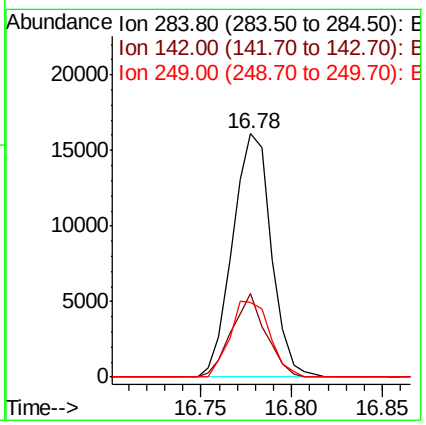
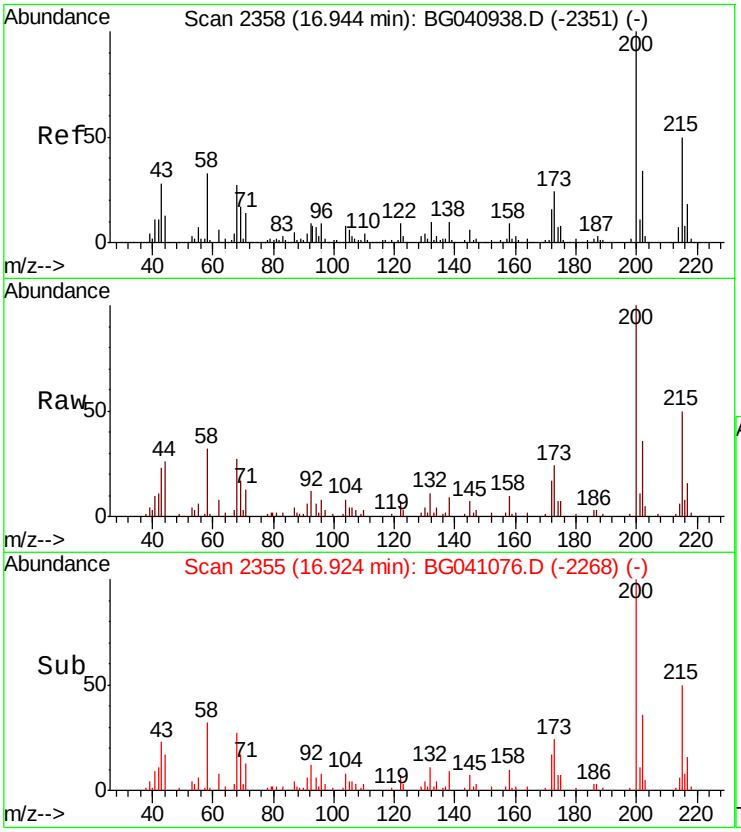


#68
Hexachlorobenzene
Concen: 6.814 ng
RT: 16.78 min Scan# 2330
Delta R.T. -0.02 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:284 Resp: 23883

Ion	Ratio	Lower	Upper
284	100		
142	34.3	23.9	35.9
249	30.5	26.8	40.2

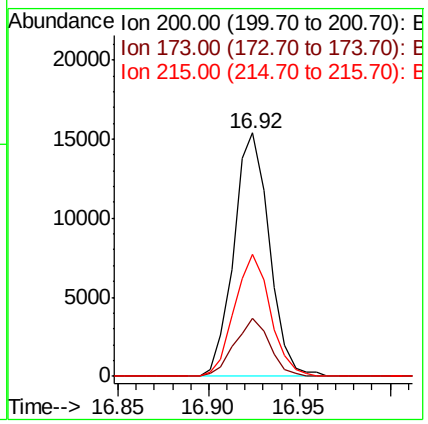




#69
Atrazine
Concen: 7.901 ng
RT: 16.92 min Scan# 2355
Delta R.T. -0.02 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:200 Resp: 20903

Ion	Ratio	Lower	Upper
200	100		
173	23.7	3.6	43.6
215	50.4	29.6	69.6



Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

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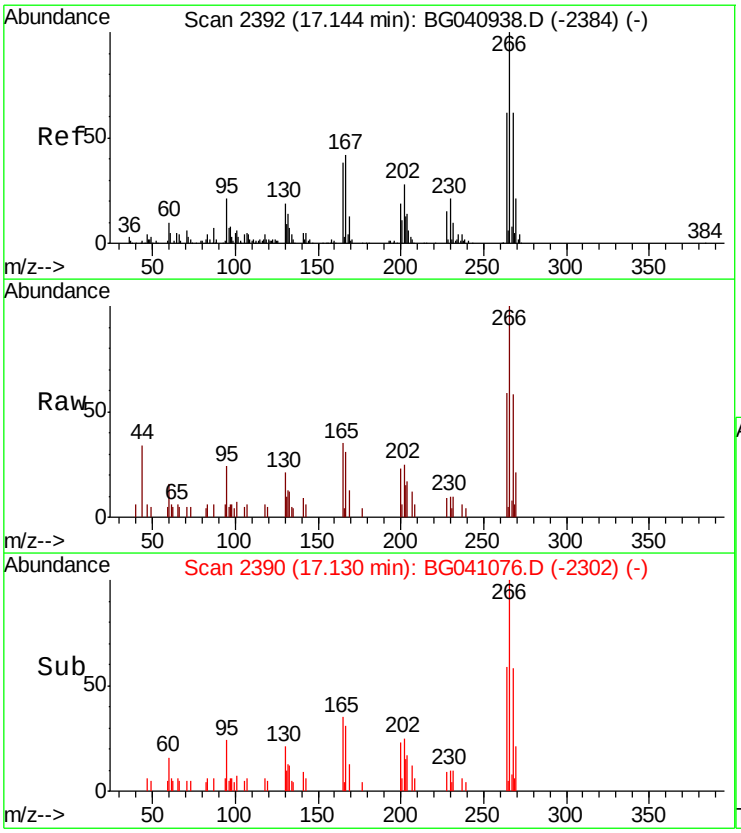
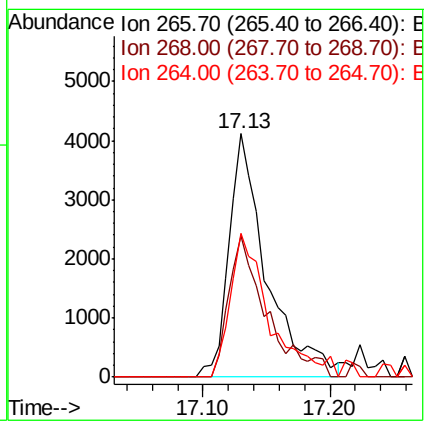
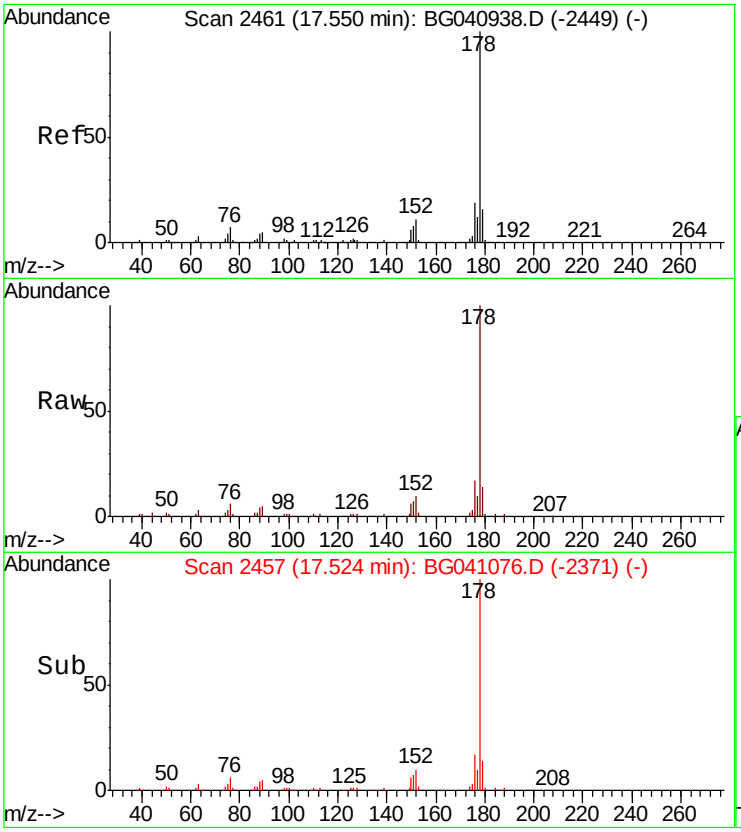


#70
Pentachlorophenol
Concen: 8.512 ng
RT: 17.13 min Scan# 2390
Delta R.T. -0.01 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:266 Resp: 8441

Ion	Ratio	Lower	Upper
266	100		
268	64.7	53.1	79.7
264	64.1	49.9	74.9

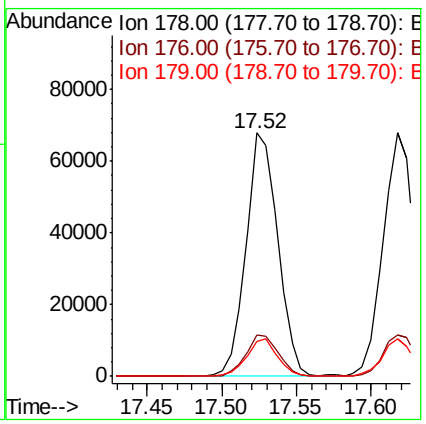




#71
Phenanthrene
Concen: 7.847 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.03 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:178 Resp: 99689

Ion	Ratio	Lower	Upper
178	100		
176	17.2	15.5	23.3
179	14.2	12.7	19.1



Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

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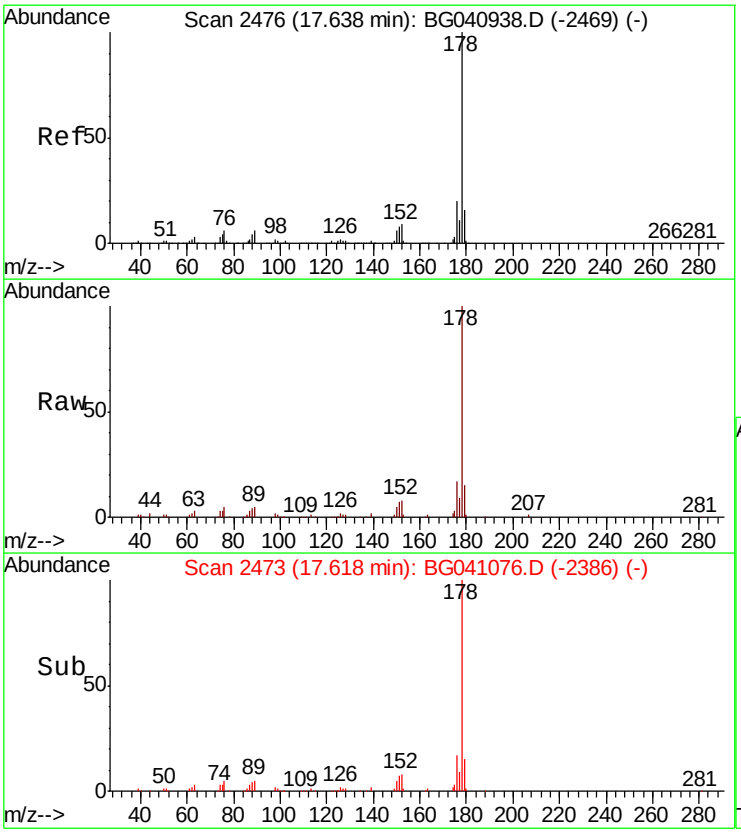
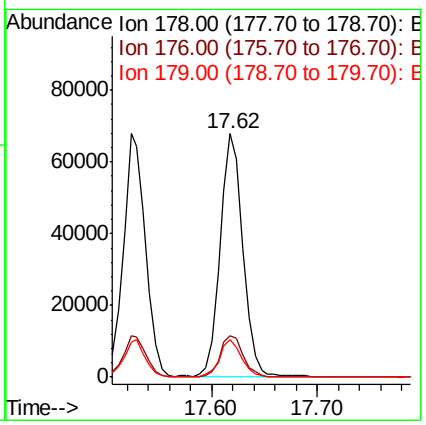
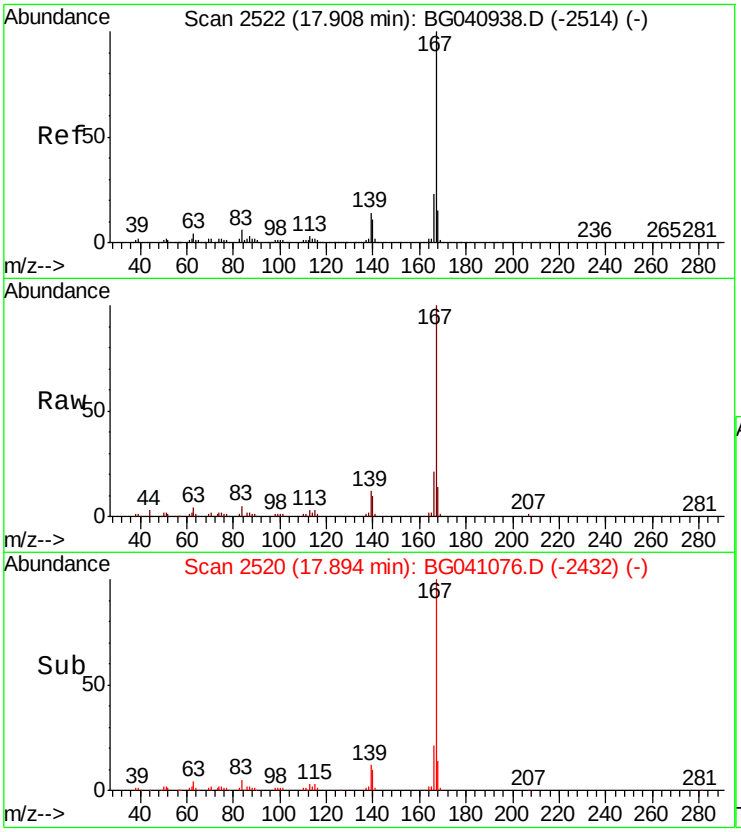


#72
Anthracene
Concen: 8.080 ng
RT: 17.62 min Scan# 2473
Delta R.T. -0.02 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:178 Resp: 101239

Ion	Ratio	Lower	Upper
178	100		
176	17.0	15.6	23.4
179	15.4	13.0	19.4

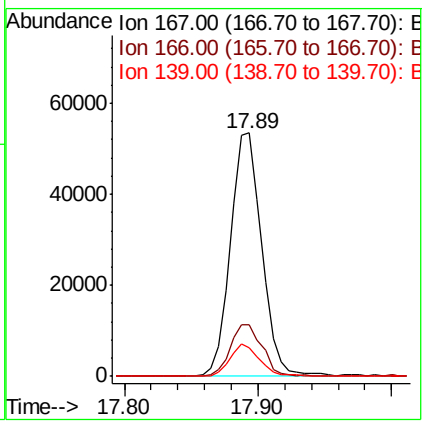




#73
Carbazole
Concen: 8.132 ng
RT: 17.89 min Scan# 2520
Delta R.T. -0.01 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:167 Resp: 87432

Ion	Ratio	Lower	Upper
167	100		
166	21.2	18.2	27.4
139	11.9	10.8	16.2



Instrument :
BNA_G
ClientSampleId :
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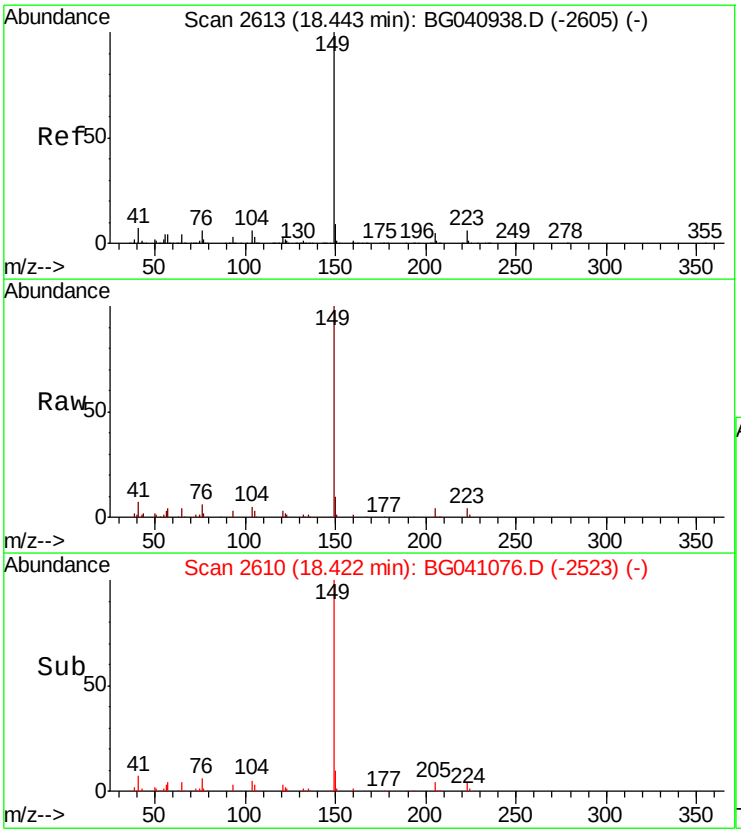
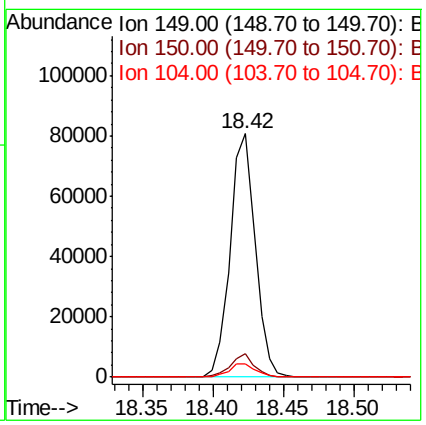
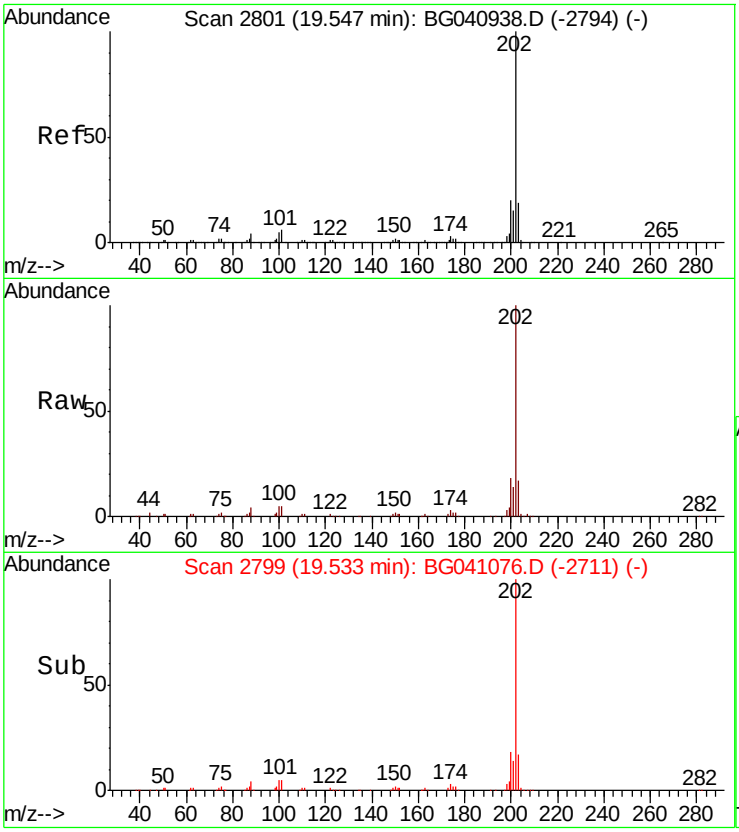


#74
Di-n-butylphthalate
Concen: 7.510 ng
RT: 18.42 min Scan# 2610
Delta R.T. -0.02 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:149 Resp: 100348

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.4	11.2
104	5.2	5.0	7.4

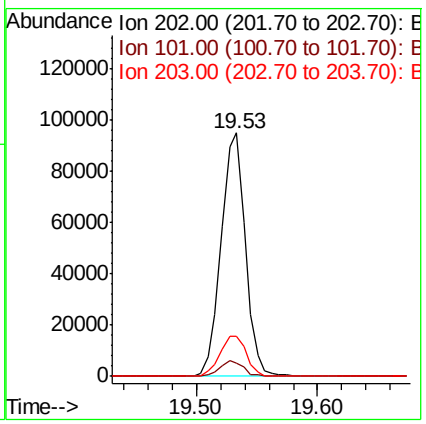




#75
Fluoranthene
Concen: 8.404 ng
RT: 19.53 min Scan# 2799
Delta R.T. -0.01 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:202 Resp: 131874

Ion	Ratio	Lower	Upper
202	100		
101	5.4	0.0	26.2
203	16.6	0.0	38.7



Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

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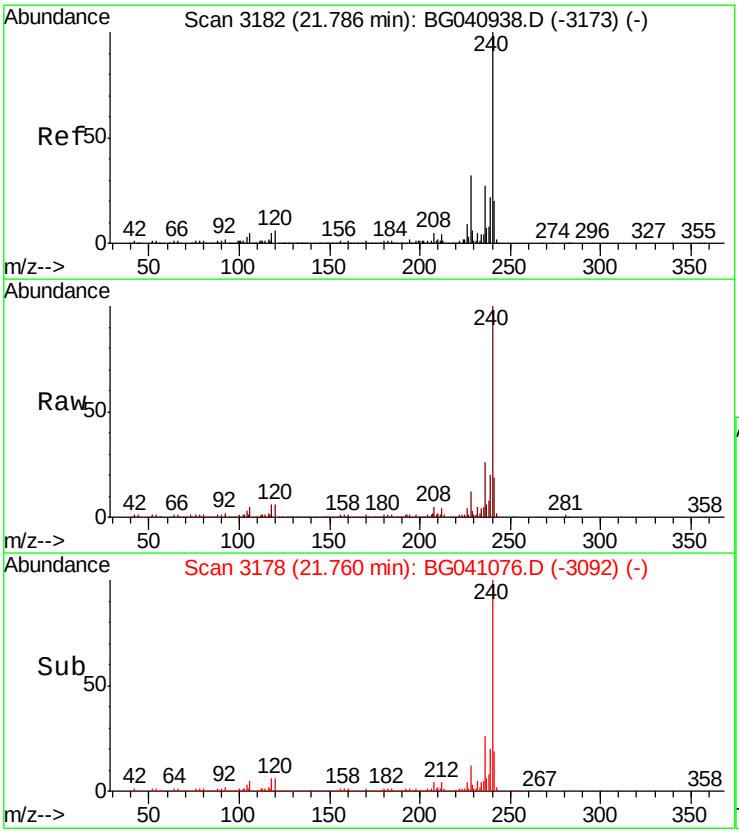
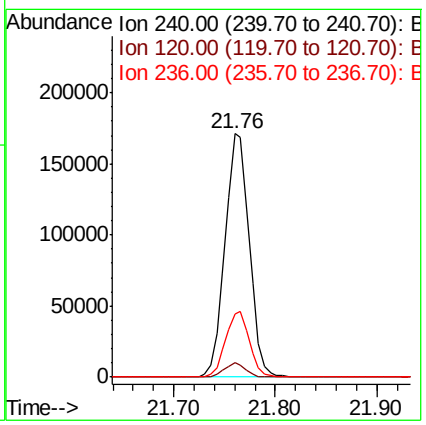
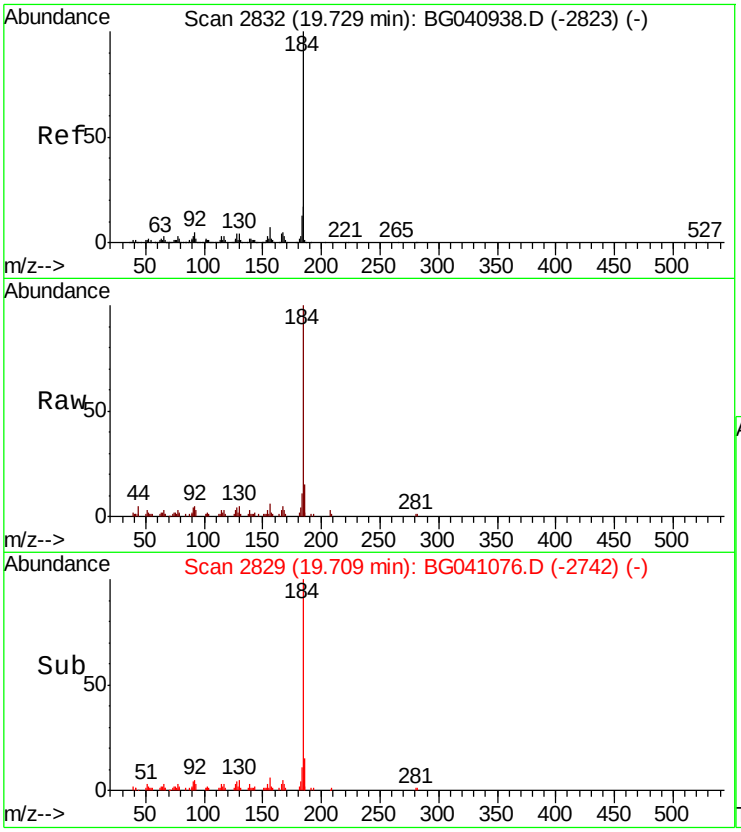


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3178
Delta R.T. -0.03 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:240 Resp: 284516

Ion	Ratio	Lower	Upper
240	100		
120	5.7	4.5	6.7
236	25.8	21.3	31.9

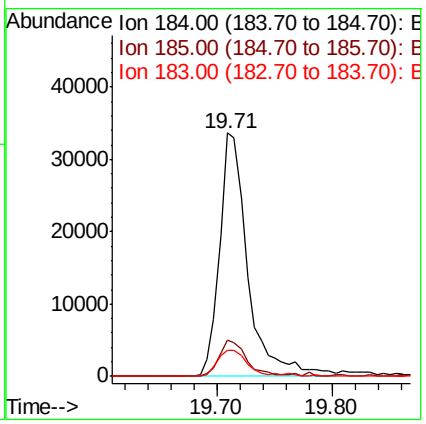




#77
Benzidine
Concen: 8.442 ng
RT: 19.71 min Scan# 2829
Delta R.T. -0.02 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:184 Resp: 57297

Ion	Ratio	Lower	Upper
184	100		
185	14.6	13.3	19.9
183	10.8	10.7	16.1



Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

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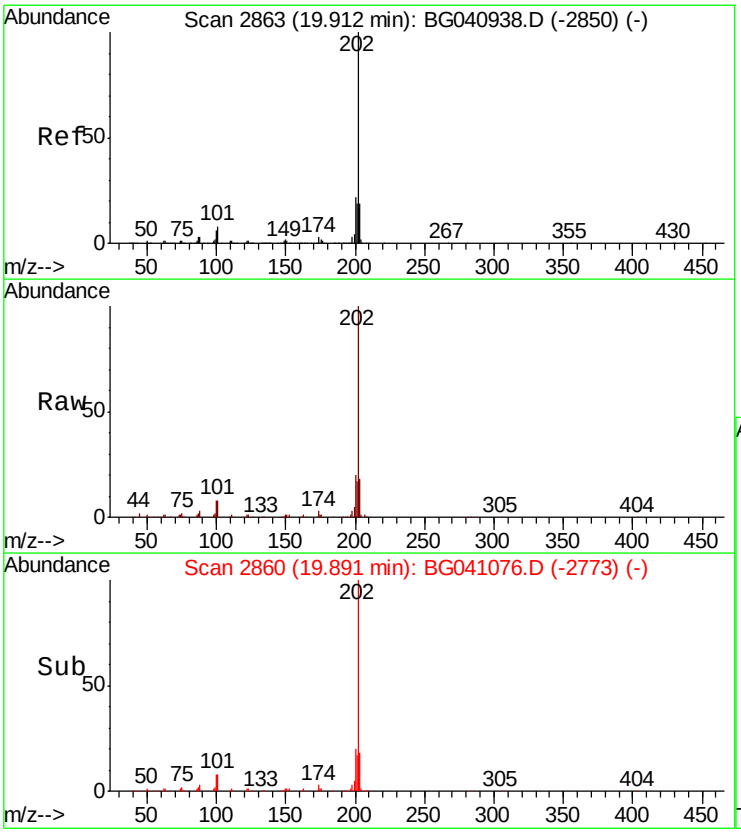
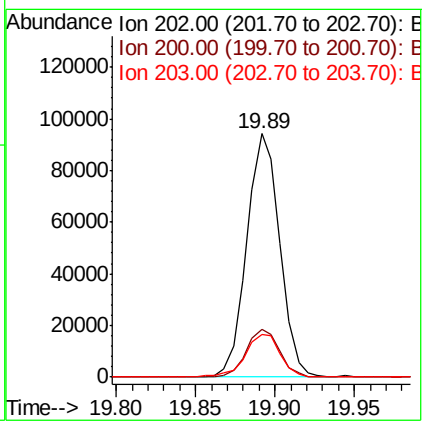
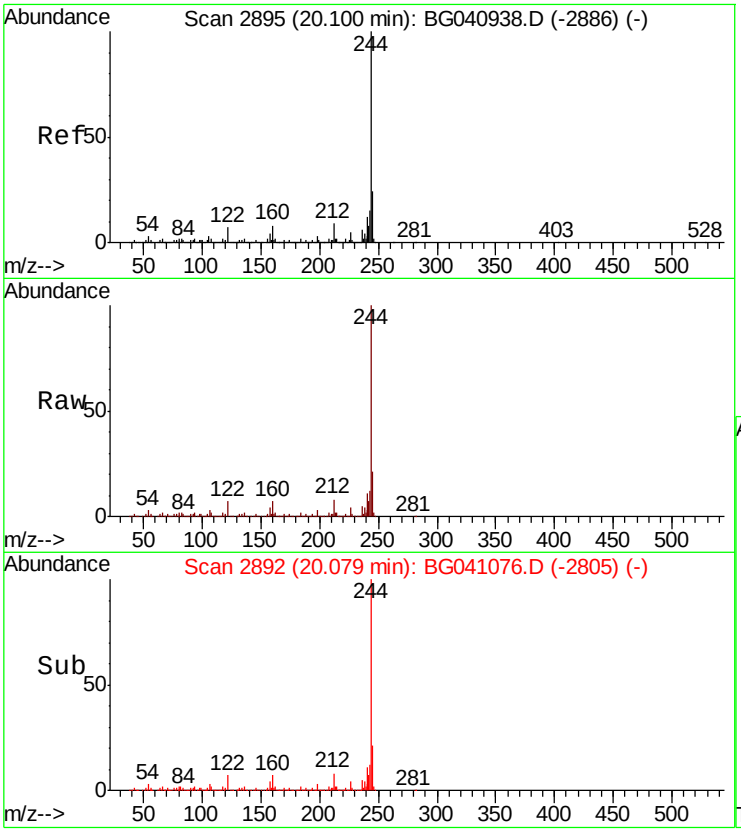


#78
Pyrene
Concen: 7.362 ng
RT: 19.89 min Scan# 2860
Delta R.T. -0.02 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:202 Resp: 136161

Ion	Ratio	Lower	Upper
202	100		
200	19.9	17.5	26.3
203	17.7	15.6	23.4

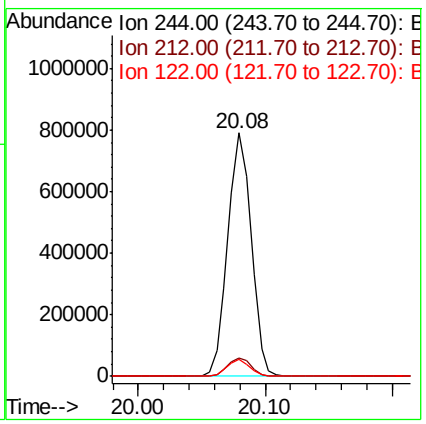




#79
Terphenyl-d14
Concen: 75.447 ng
RT: 20.08 min Scan# 2892
Delta R.T. -0.02 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:244 Resp: 1011429

Ion	Ratio	Lower	Upper
244	100		
212	7.6	7.0	10.4
122	6.9	5.4	8.0



Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

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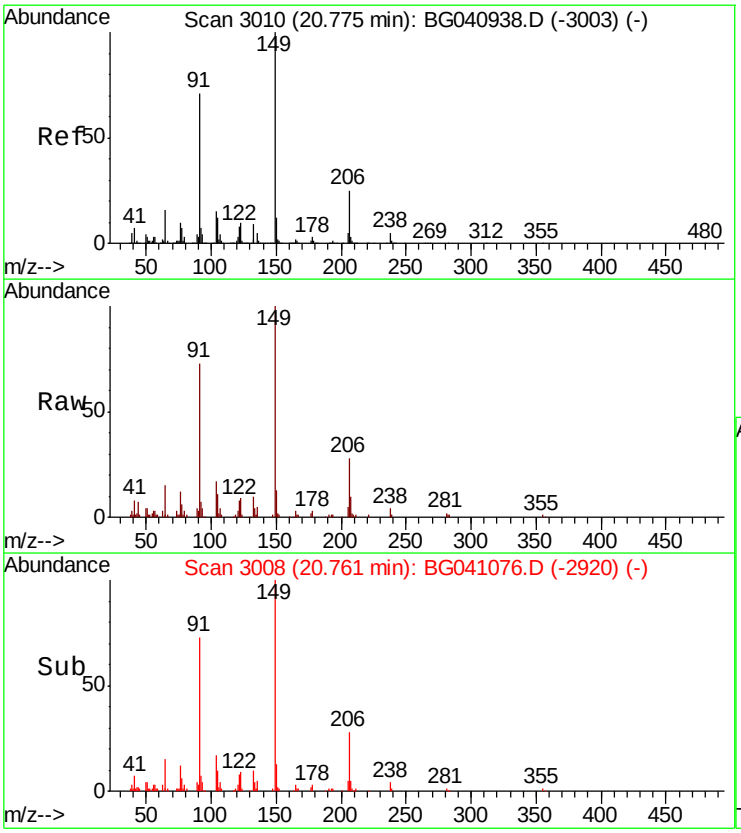
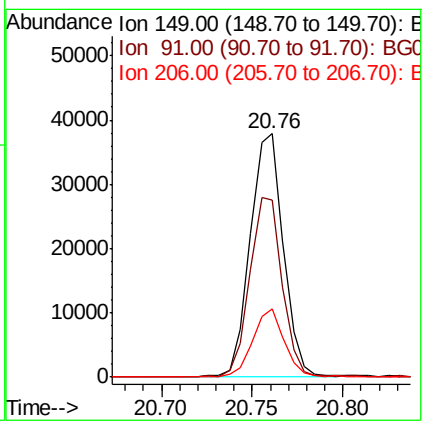
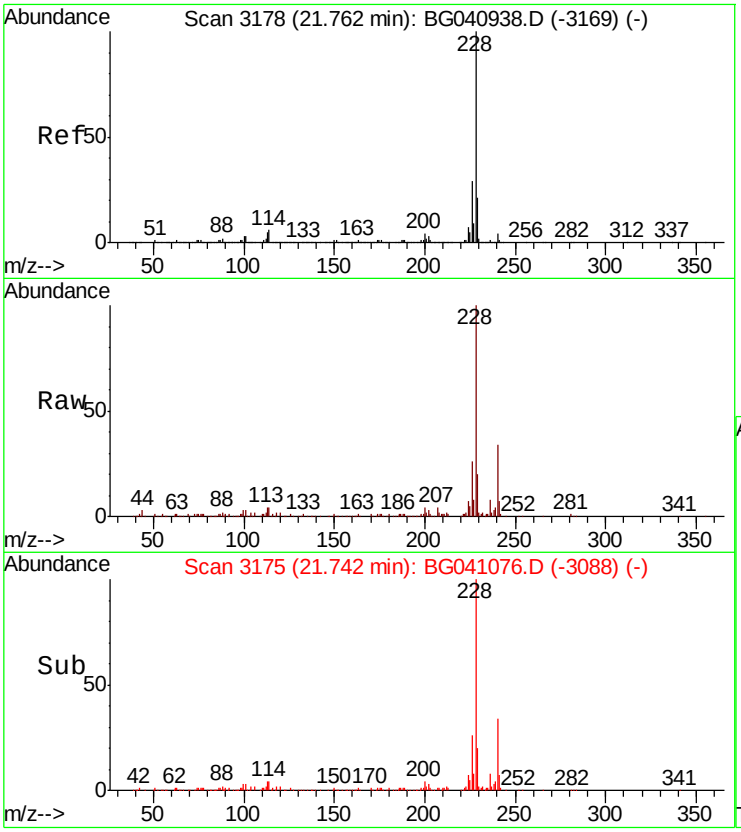


#80
Butylbenzylphthalate
Concen: 6.661 ng
RT: 20.76 min Scan# 3008
Delta R.T. -0.01 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:149 Resp: 47941

Ion	Ratio	Lower	Upper
149	100		
91	72.8	56.5	84.7
206	27.8	20.3	30.5

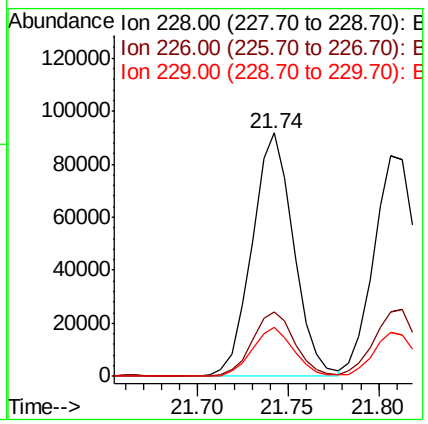




#81
Benzo(a)anthracene
Concen: 7.728 ng
RT: 21.74 min Scan# 3175
Delta R.T. -0.02 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:228 Resp: 146353

Ion	Ratio	Lower	Upper
228	100		
226	26.4	23.5	35.3
229	20.3	16.7	25.1



Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

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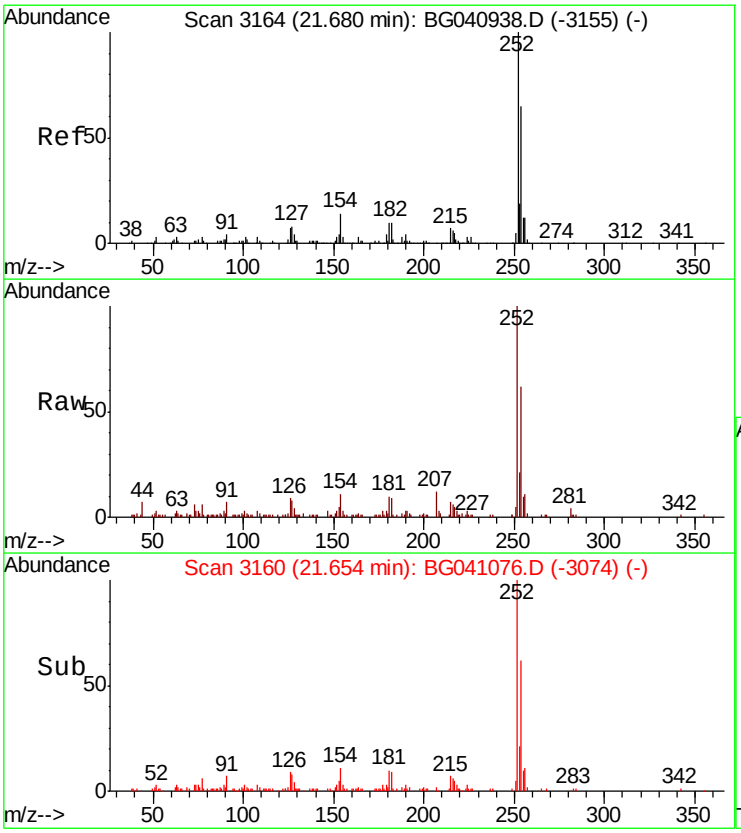
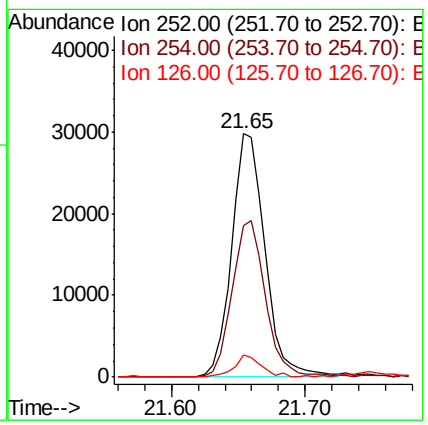
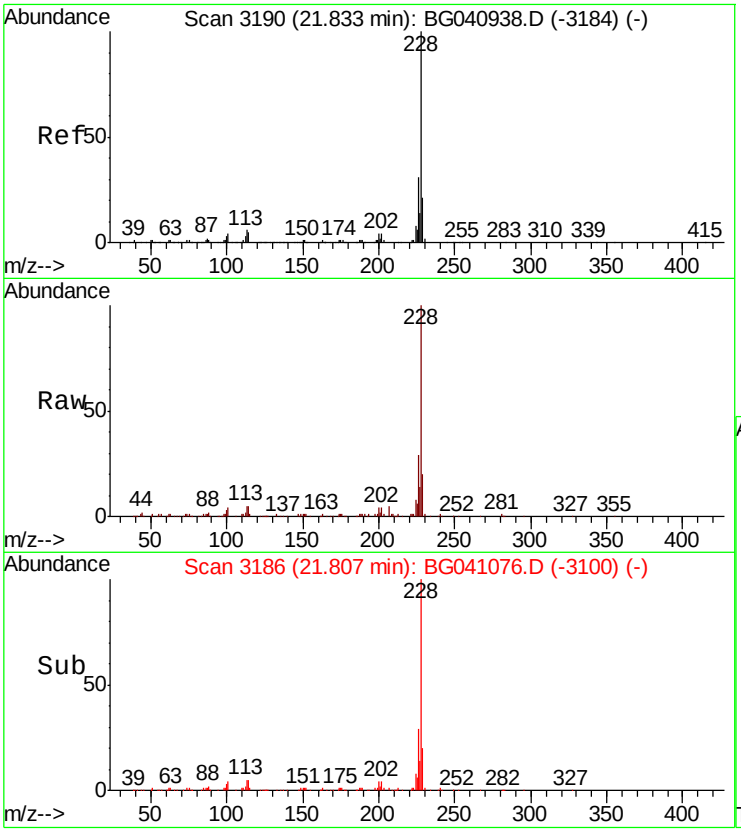


#82
3,3'-Dichlorobenzidine
Concen: 7.760 ng
RT: 21.65 min Scan# 3160
Delta R.T. -0.03 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:252 Resp: 51695

Ion	Ratio	Lower	Upper
252	100		
254	62.3	52.1	78.1
126	9.2	5.5	8.3#





#83
Chrysene
Concen: 7.746 ng
RT: 21.81 min Scan# 3186
Delta R.T. -0.03 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:228 Resp: 140391

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.6	37.0
229	19.8	16.6	24.8

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

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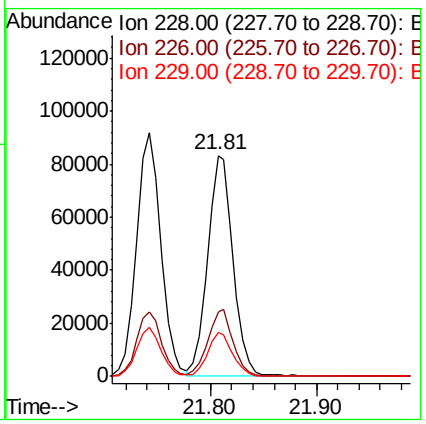
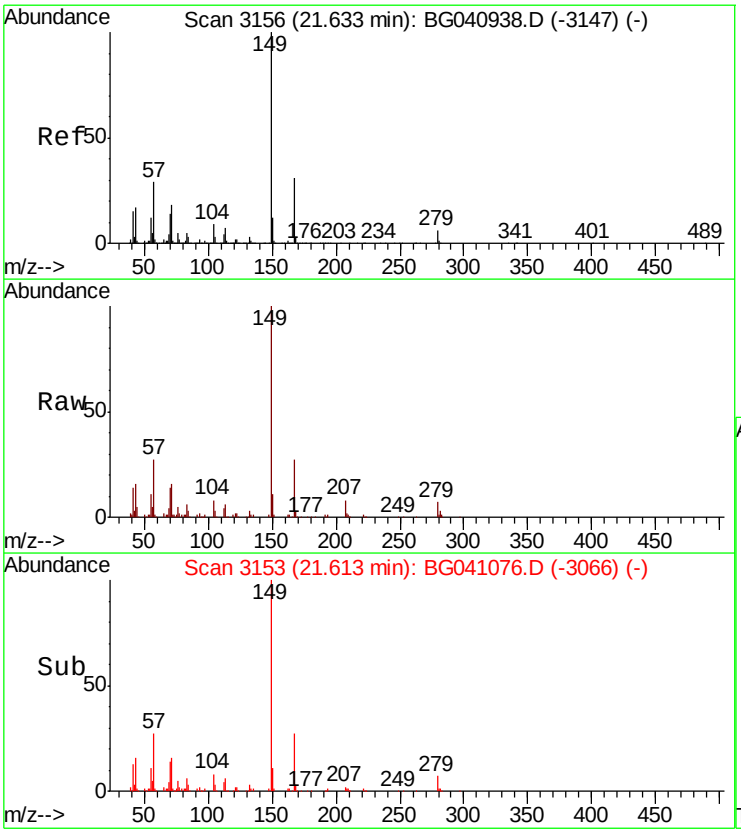
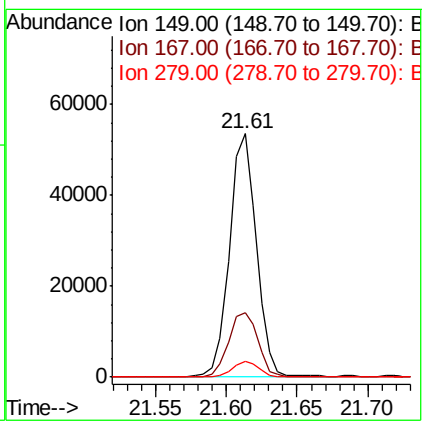


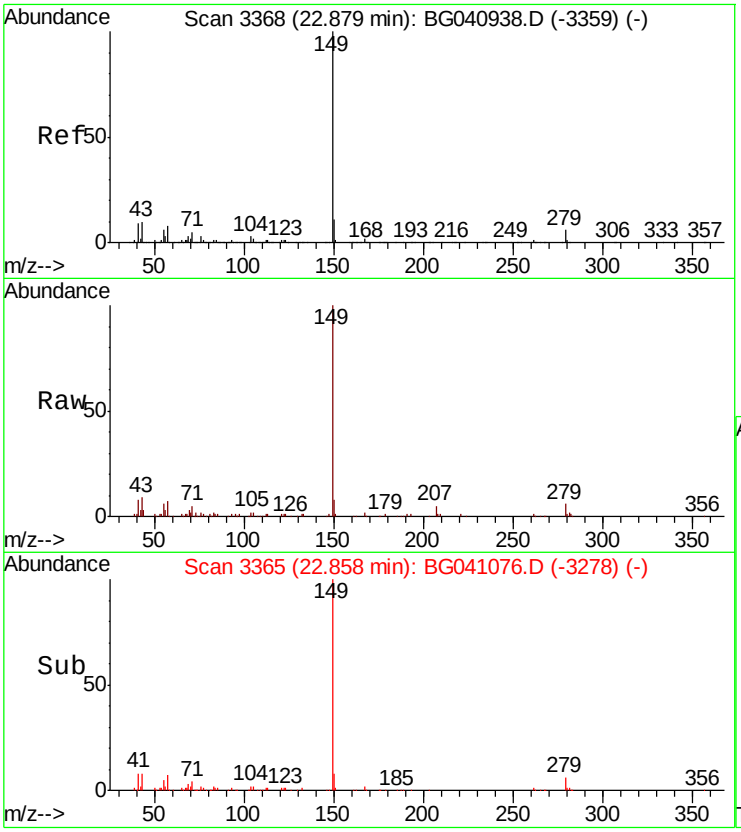


#84
Bis(2-ethylhexyl)phthalate
Concen: 7.019 ng
RT: 21.61 min Scan# 3153
Delta R.T. -0.02 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:149 Resp: 71117

Ion	Ratio	Lower	Upper
149	100		
167	26.6	24.6	37.0
279	6.7	5.0	7.6

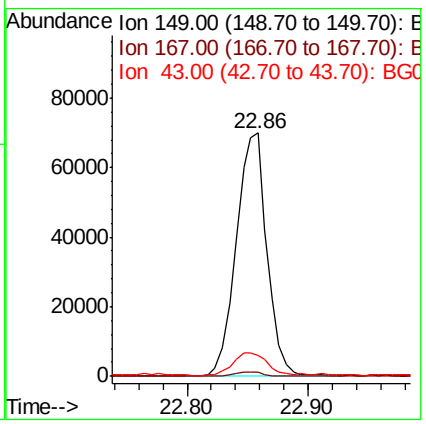




#85
Di-n-octyl phthalate
Concen: 7.337 ng
RT: 22.86 min Scan# 3365
Delta R.T. -0.02 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:149 Resp: 123813

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	10.4	8.1	12.1



Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

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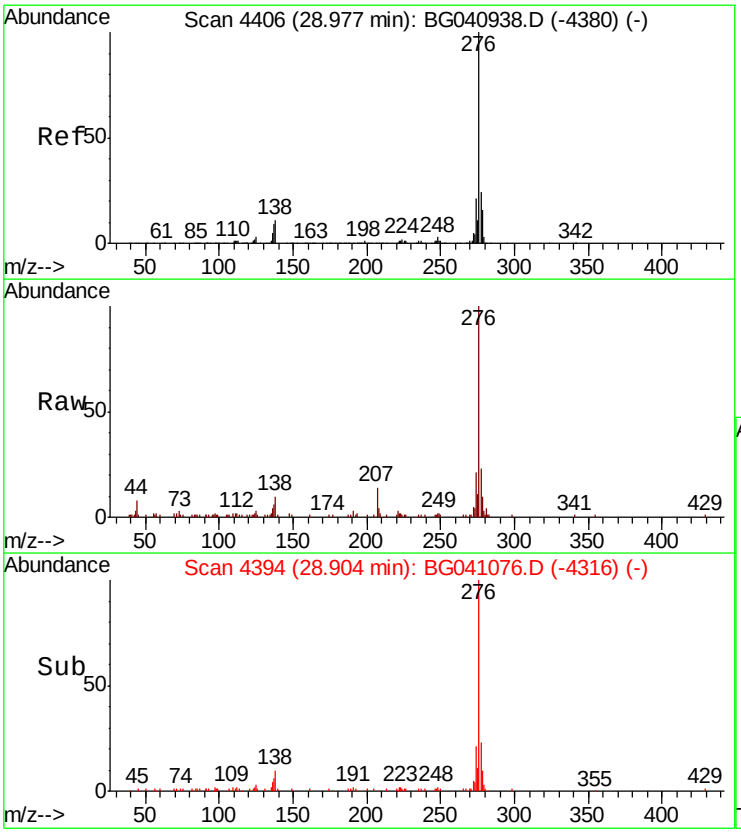
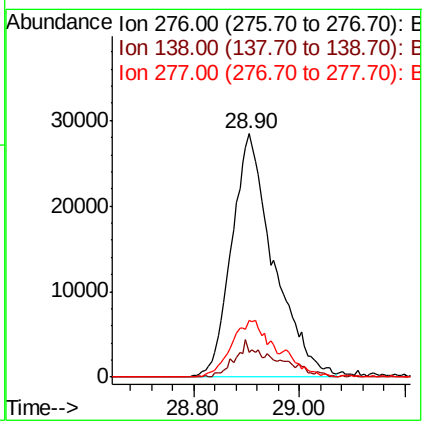
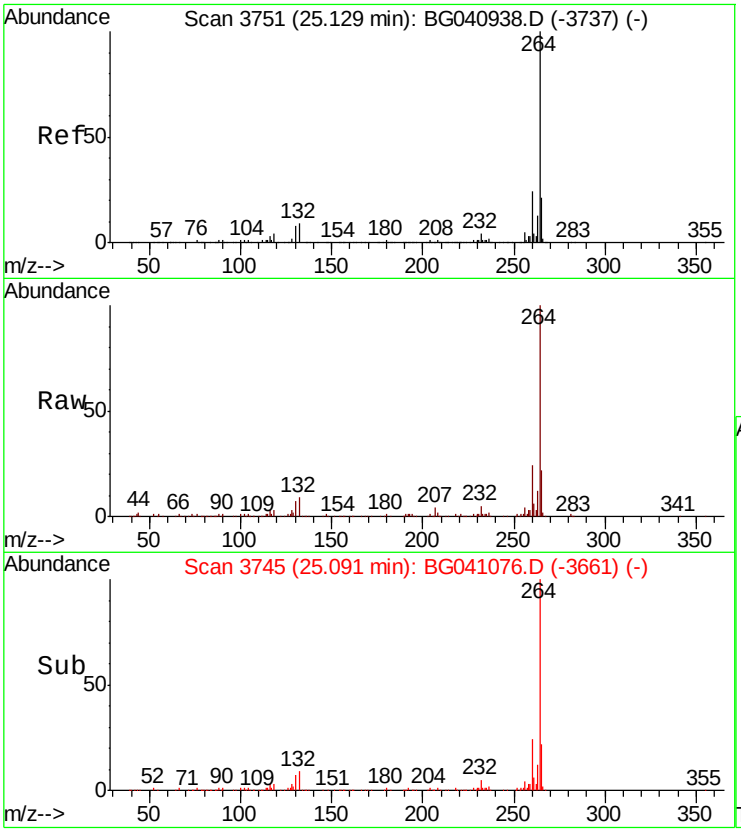


#86
Indeno(1,2,3-cd)pyrene
Concen: 7.051 ng
RT: 28.90 min Scan# 4394
Delta R.T. -0.07 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:276 Resp: 156545

Ion	Ratio	Lower	Upper
276	100		
138	8.2	5.7	8.5
277	20.9	20.8	31.2

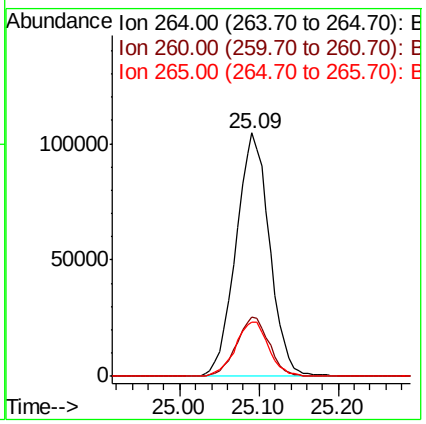




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3745
Delta R.T. -0.04 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:264 Resp: 307512

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.0	28.4
265	22.2	17.0	25.4



Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

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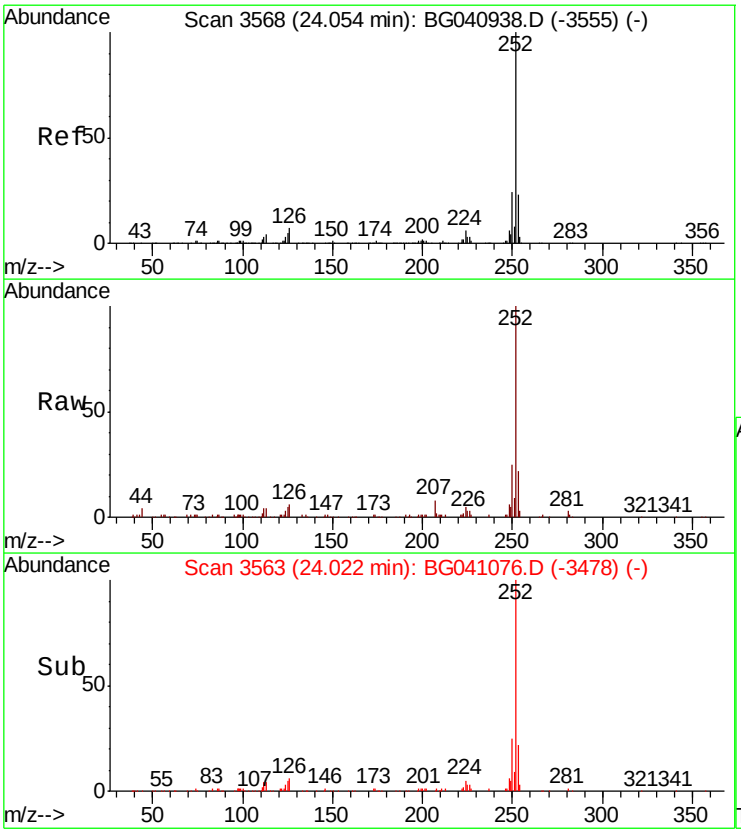
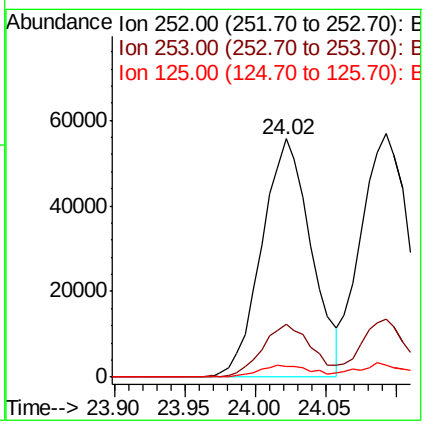
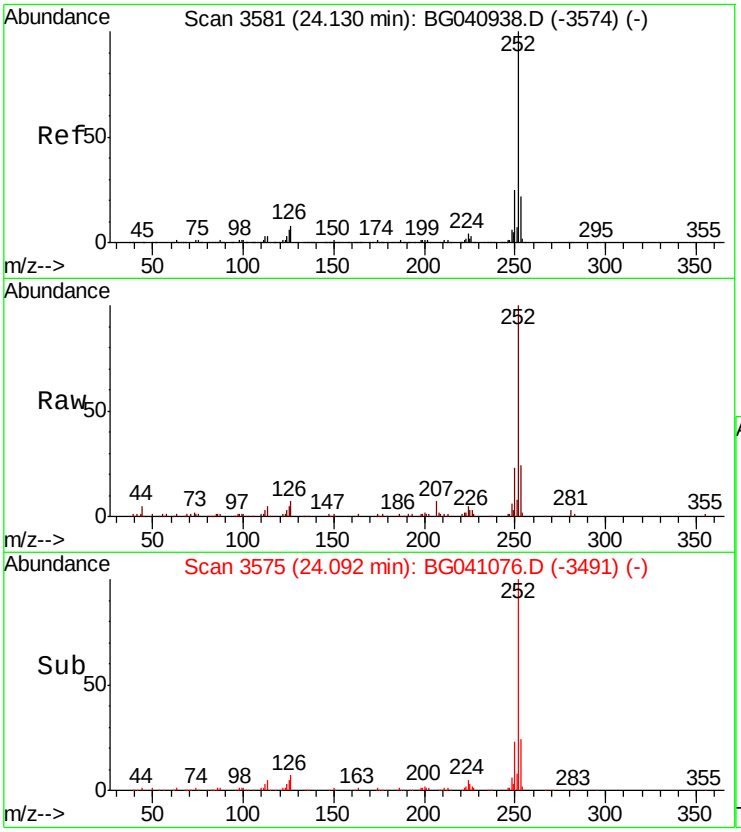


#88
Benzo(b)fluoranthene
Concen: 7.305 ng
RT: 24.02 min Scan# 3563
Delta R.T. -0.03 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:252 Resp: 136259

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.4	27.6
125	4.7	4.3	6.5

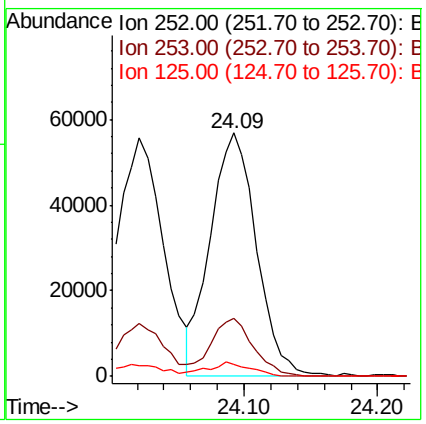




#89
Benzo(k)fluoranthene
Concen: 7.402 ng
RT: 24.09 min Scan# 3575
Delta R.T. -0.04 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:252 Resp: 136618

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.8	26.6
125	5.1	4.7	7.1



Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

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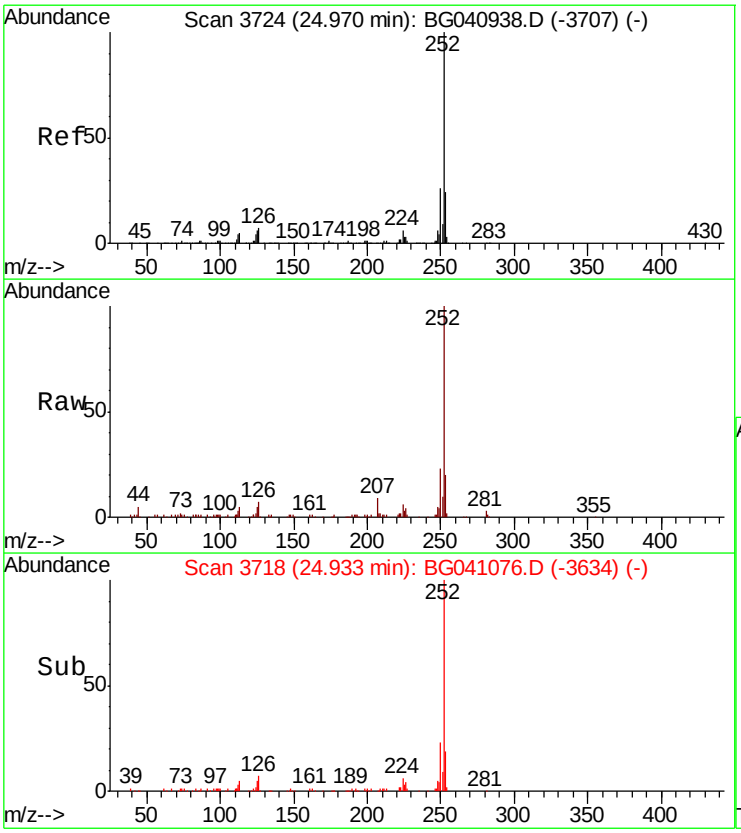
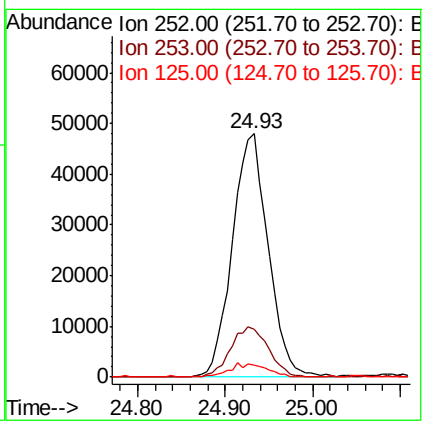
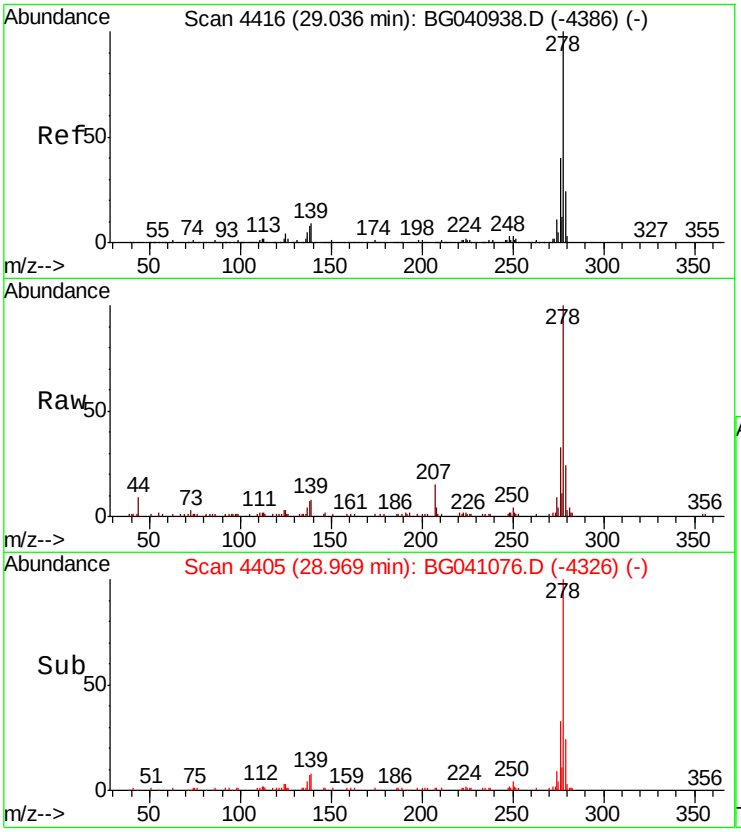


#90
Benzo(a)pyrene
Concen: 7.476 ng
RT: 24.93 min Scan# 3718
Delta R.T. -0.04 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:252 Resp: 133039

Ion	Ratio	Lower	Upper
252	100		
253	19.7	19.5	29.3
125	5.1	5.1	7.7

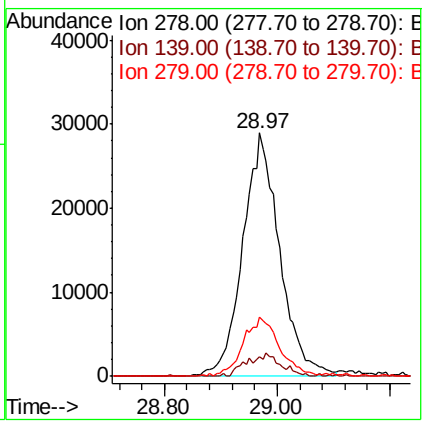




#91
Dibenzo(a,h)anthracene
Concen: 7.363 ng
RT: 28.97 min Scan# 4405
Delta R.T. -0.07 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:278 Resp: 130927

Ion	Ratio	Lower	Upper
278	100		
139	8.1	7.1	10.7
279	24.5	19.4	29.2



Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

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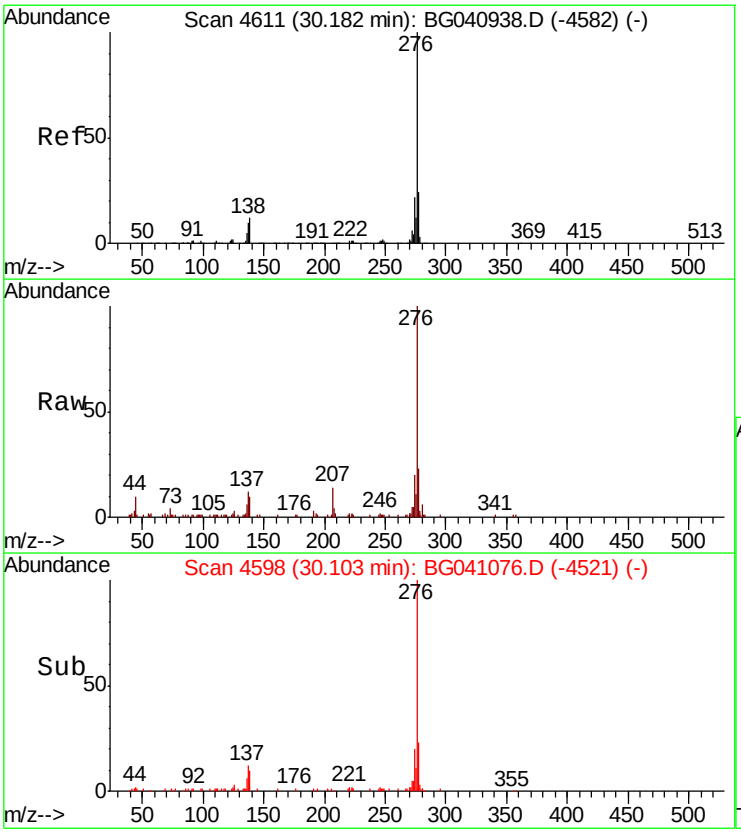
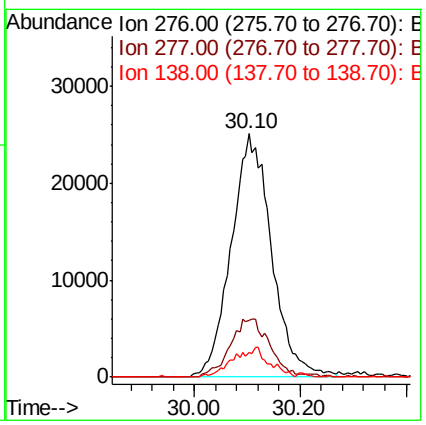


#92
Benzo(g,h,i)perylene
Concen: 7.690 ng
RT: 30.10 min Scan# 4598
Delta R.T. -0.08 min
Lab File: BG041076.D
Acq: 5 Jun 2019 17:36

Tgt Ion:276 Resp: 132846

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.4	29.0
138	10.0	9.7	14.5



Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060519\
Data File : BG041076.D
Acq On : 5 Jun 2019 17:36
Operator : HP/JU
Sample : K2241-07
Misc : LOD-WATER-8PPM
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT2-2019

Manual Integrations APPROVED
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Quant Time: Jun 06 08:36:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	37620	20.00	ng		-0.02
21) Naphthalene-d8	10.93	136	140687	20.00	ng		-0.02
39) Acenaphthene-d10	14.74	164	96167	20.00	ng		-0.02
64) Phenanthrene-d10	17.48	188	243904	20.00	ng		-0.02
76) Chrysene-d12	21.76	240	284516	20.00	ng		-0.03
87) Perylene-d12	25.09	264	307512	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	245076	117.47	ng		-0.01
7) Phenol-d6	7.25	99	339190	105.27	ng		-0.01
23) Nitrobenzene-d5	9.29	82	238132	75.14	ng		-0.02
42) 2,4,6-Tribromophenol	16.23	330	174241	122.05	ng		-0.01
45) 2-Fluorobiphenyl	13.36	172	526159	78.79	ng		-0.02
79) Terphenyl-d14	20.08	244	1011429	75.45	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	8134	8.592	ng		98
3) Pyridine	3.94	79	18982	6.776	ng		86
4) n-Nitrosodimethylamine	3.85	42	9079	6.983	ng	#	79
6) Aniline	7.44	93	27794	6.463	ng		97
8) 2-Chlorophenol	7.67	128	17336	6.970	ng		91
9) Benzaldehyde	7.25	77	18133	9.434	ng	#	80
10) Phenol	7.28	94	22338	6.466	ng		97
11) bis(2-Chloroethyl)ether	7.53	93	16734	6.677	ng		97
12) 1,3-Dichlorobenzene	8.00	146	18892m	6.360	ng		
13) 1,4-Dichlorobenzene	8.15	146	21365	7.105	ng		98
14) 1,2-Dichlorobenzene	8.46	146	19588	6.709	ng		98
15) Benzyl Alcohol	8.35	79	18341	6.154	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.63	45	25943	6.335	ng		89
17) 2-Methylphenol	8.55	107	14983	5.990	ng		95
18) Hexachloroethane	9.20	117	7841	6.766	ng		85
19) n-Nitroso-di-n-propylamine	8.91	70	14686	5.923	ng		92
20) 3+4-Methylphenols	8.87	107	21664	6.253	ng		90
22) Acetophenone	8.94	105	29339	7.434	ng	#	94
24) Nitrobenzene	9.33	77	24889	7.707	ng		97
25) Isophorone	9.84	82	41836	6.937	ng		97
26) 2-Nitrophenol	10.04	139	8976	6.742	ng		93
27) 2,4-Dimethylphenol	10.09	122	14981	6.813	ng		95
28) bis(2-Chloroethoxy)methane	10.33	93	22373	6.873	ng		98
29) 2,4-Dichlorophenol	10.58	162	19165	6.864	ng		96
30) 1,2,4-Trichlorobenzene	10.78	180	22045	6.940	ng		96
31) Naphthalene	10.98	128	56043	7.419	ng		98
32) Benzoic acid	10.17	122	2919m	9.548	ng		
33) 4-Chloroaniline	11.10	127	23775	6.784	ng	#	95
34) Hexachlorobutadiene	11.25	225	17258	7.101	ng		96
35) Caprolactam	11.85	113	6040	6.550	ng	#	84
36) 4-Chloro-3-methylphenol	12.19	107	21397	6.710	ng	#	86
37) 2-Methylnaphthalene	12.58	142	40792	7.012	ng		92
38) 1-Methylnaphthalene	12.79	142	38939	7.103	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	29928	7.721	ng		97

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060519\
Data File : BG041076.D
Acq On : 5 Jun 2019 17:36
Operator : HP/JU
Sample : K2241-07
Misc : LOD-WATER-8PPM
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Manual Integrations APPROVED
mohammad
6/6/2019 3:42:26 PM

Quant Time: Jun 06 08:36:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	11010	12.976	ng		97
43) 2,4,6-Trichlorophenol	13.18	196	16881	6.732	ng		88
44) 2,4,5-Trichlorophenol	13.25	196	19738	7.464	ng		91
46) 1,1'-Biphenyl	13.58	154	54819	7.701	ng		93
47) 2-Chloronaphthalene	13.62	162	44914	7.350	ng		94
48) 2-Nitroaniline	13.83	65	14491	6.610	ng		98
49) Acenaphthylene	14.47	152	70278	7.641	ng		97
50) Dimethylphthalate	14.19	163	57372	7.048	ng		100
51) 2,6-Dinitrotoluene	14.32	165	11907	6.784	ng		93
52) Acenaphthene	14.80	154	39630	7.113	ng		89
53) 3-Nitroaniline	14.65	138	11761	6.701	ng		86
54) 2,4-Dinitrophenol	14.87	184	981	9.602	ng	#	79
55) Dibenzofuran	15.14	168	73490	7.839	ng		95
56) 4-Nitrophenol	14.95	139	6954	5.776	ng		89
57) 2,4-Dinitrotoluene	15.10	165	17051	6.877	ng	#	94
58) Fluorene	15.78	166	56305	7.541	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	19313	7.431	ng		95
60) Diethylphthalate	15.54	149	60605	7.295	ng		97
61) 4-Chlorophenyl-phenylether	15.77	204	34125	7.032	ng		96
62) 4-Nitroaniline	15.81	138	13490	7.260	ng	#	74
63) Azobenzene	16.07	77	55260	7.318	ng		97
65) 4,6-Dinitro-2-methylphenol	15.85	198	5991	12.353	ng		92
66) n-Nitrosodiphenylamine	15.98	169	50508	7.367	ng		99
67) 4-Bromophenyl-phenylether	16.67	248	21991	6.681	ng		97
68) Hexachlorobenzene	16.78	284	23883	6.814	ng		93
69) Atrazine	16.92	200	20903	7.901	ng		99
70) Pentachlorophenol	17.13	266	8441	8.512	ng		98
71) Phenanthrene	17.52	178	99689	7.847	ng		96
72) Anthracene	17.62	178	101239	8.080	ng		96
73) Carbazole	17.89	167	87432	8.132	ng		96
74) Di-n-butylphthalate	18.42	149	100348	7.510	ng		98
75) Fluoranthene	19.53	202	131874	8.404	ng		96
77) Benzidine	19.71	184	57297	8.442	ng		95
78) Pyrene	19.89	202	136161	7.362	ng		96
80) Butylbenzylphthalate	20.76	149	47941	6.661	ng		97
81) Benzo(a)anthracene	21.74	228	146353	7.728	ng		96
82) 3,3'-Dichlorobenzidine	21.65	252	51695	7.760	ng	#	96
83) Chrysene	21.81	228	140391	7.746	ng		98
84) Bis(2-ethylhexyl)phthalate	21.61	149	71117	7.019	ng		94
85) Di-n-octyl phthalate	22.86	149	123813	7.337	ng		99
86) Indeno(1,2,3-cd)pyrene	28.90	276	156545	7.051	ng		91
88) Benzo(b)fluoranthene	24.02	252	136259	7.305	ng		98
89) Benzo(k)fluoranthene	24.09	252	136618	7.402	ng		97
90) Benzo(a)pyrene	24.93	252	133039	7.476	ng		92
91) Dibenzo(a,h)anthracene	28.97	278	130927	7.363	ng		99
92) Benzo(g,h,i)perylene	30.10	276	132846	7.690	ng		97

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