Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101918\
Data File : BG037457.D
Acq On : 19 Oct 2018 17:15
Operator : JU/SJ
Sample : J5164-07
Misc : LOD 1PPM
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Manual Integrations APPROVED
Sohil
10/22/2018 3:39:20 PM

Quant Time: Oct 20 01:38:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	53036	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	246937	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	167280	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	399674	20.00	ng		0.00
76) Chrysene-d12	21.77	240	367511	20.00	ng		0.00
87) Perylene-d12	25.11	264	358742	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	433005	136.50	ng		0.00
7) Phenol-d6	7.25	99	635069	132.39	ng		0.00
23) Nitrobenzene-d5	9.29	82	357705	81.15	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	241063	132.13	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	896321	80.80	ng		0.00
79) Terphenyl-d14	20.09	244	1343062	78.09	ng		0.00
Target Compounds							Qvalue
6) Aniline	7.43	93	3590	0.613	ng	#	77
8) 2-Chlorophenol	7.67	128	3977	1.072	ng		80
9) Benzaldehyde	7.25	77	3909	1.303	ng	#	72
10) Phenol	7.27	94	5448	1.076	ng	#	60
11) bis(2-Chloroethyl)ether	7.52	93	3831	0.997	ng		81
12) 1,3-Dichlorobenzene	7.99	146	3980m	0.963	ng		
13) 1,4-Dichlorobenzene	8.15	146	4631	1.096	ng		91
14) 1,2-Dichlorobenzene	8.46	146	4356m	1.072	ng		
15) Benzyl Alcohol	8.35	79	2995	0.845	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.63	45	6831	0.993	ng		92
18) Hexachloroethane	9.19	117	1476	1.024	ng		92
24) Nitrobenzene	9.33	77	4702	1.027	ng	#	90
31) Naphthalene	10.98	128	13537	1.116	ng	#	93
34) Hexachlorobutadiene	11.24	225	2724	1.031	ng	#	77
37) 2-Methylnaphthalene	12.58	142	9458	1.070	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	5044	0.935	ng	#	97
46) 1,1'-Biphenyl	13.58	154	14820	1.070	ng		96
47) 2-Chloronaphthalene	13.62	162	10810	1.031	ng		90
48) 2-Nitroaniline	13.83	65	2200	0.692	ng		89
49) Acenaphthylene	14.46	152	16741	1.062	ng		99
50) Dimethylphthalate	14.19	163	13666	1.056	ng		99
51) 2,6-Dinitrotoluene	14.31	165	2021	0.706	ng		99
52) Acenaphthene	14.80	154	10080	1.038	ng		98
55) Dibenzofuran	15.13	168	17990	1.118	ng		97
58) Fluorene	15.79	166	13415	1.114	ng	#	94
59) 2,3,4,6-Tetrachlorophenol	15.35	232	2044	0.608	ng	#	96
60) Diethylphthalate	15.54	149	13333	1.004	ng		96
63) Azobenzene	16.07	77	12513	0.987	ng		95
66) n-Nitrosodiphenylamine	15.99	169	10513	0.874	ng		95
67) 4-Bromophenyl-phenylether	16.67	248	3975	0.906	ng		87
68) Hexachlorobenzene	16.78	284	4710	1.035	ng		97
69) Atrazine	16.93	200	3655	0.841	ng		93
71) Phenanthrene	17.53	178	23385	1.151	ng		99
72) Anthracene	17.62	178	22519	1.130	ng		96

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Operator : JU/SJ
Sample : J5164-07
Misc : LOD 1PPM
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Manual Integrations APPROVED
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10/22/2018 3:39:20 PM

Quant Time: Oct 20 01:38:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
73) Carbazole	17.89	167	18073	0.906	ng		95
74) Di-n-butylphthalate	18.43	149	19458	0.877	ng	#	92
75) Fluoranthene	19.53	202	24359	1.057	ng		95
78) Pyrene	19.89	202	25134	1.046	ng		98
80) Butylbenzylphthalate	20.77	149	6689	0.680	ng		99
81) Benzo(a)anthracene	21.75	228	23729	1.092	ng		96
83) Chrysene	21.81	228	23687	1.133	ng		96
84) Bis(2-ethylhexyl)phthalate	21.63	149	10383	0.753	ng	#	98
85) Di-n-octyl phthalate	22.88	149	14734	0.656	ng	#	95
86) Indeno(1,2,3-cd)pyrene	28.93	276	13038	0.582	ng	#	81
88) Benzo(b)fluoranthene	24.03	252	19632	0.998	ng		96
89) Benzo(k)fluoranthene	24.11	252	21252m	1.103	ng		
90) Benzo(a)pyrene	24.95	252	17995	0.963	ng	#	91
91) Dibenzo(a,h)anthracene	28.99	278	9963m	0.578	ng		
92) Benzo(g,h,i)perylene	30.13	276	13264m	0.761	ng		

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

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Manual Integrations APPROVED
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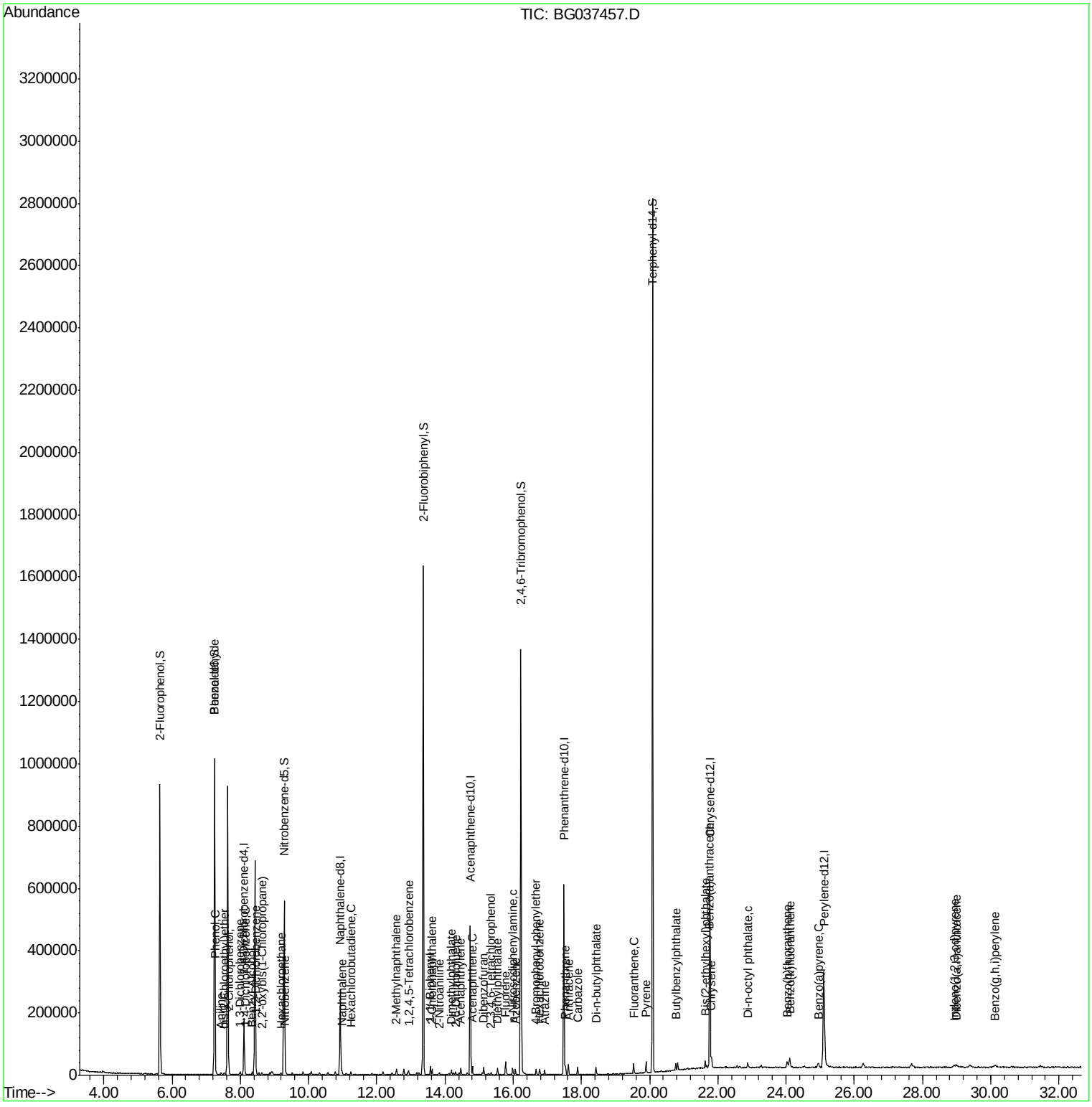
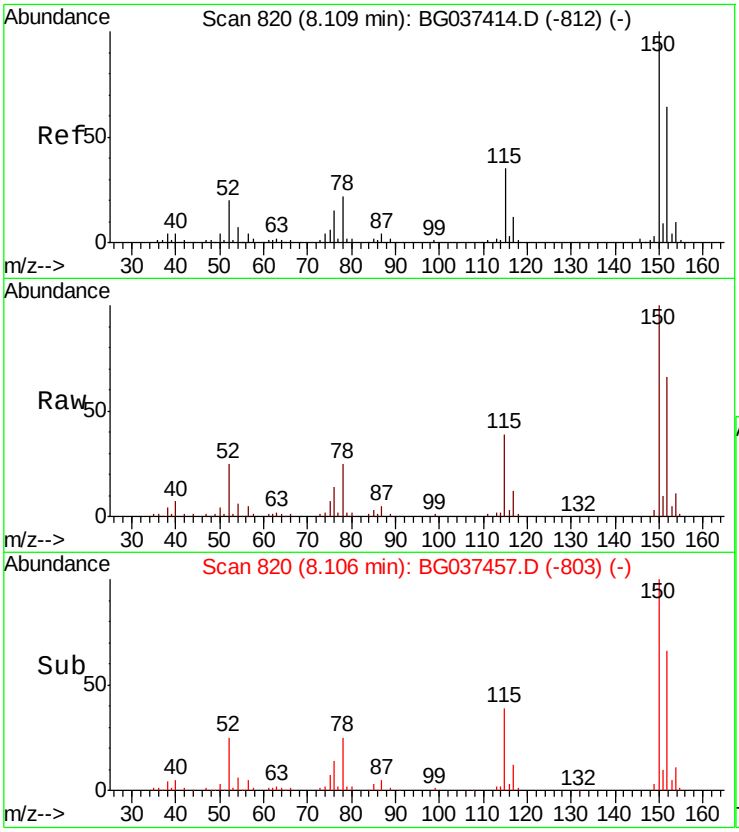
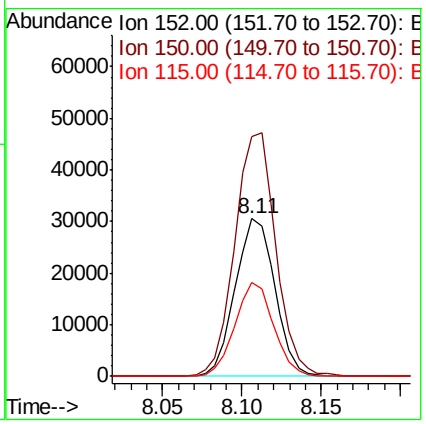




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion:152 Resp: 53036

Ion	Ratio	Lower	Upper
152	100		
150	152.2	126.0	189.0
115	59.5	45.5	68.3



Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

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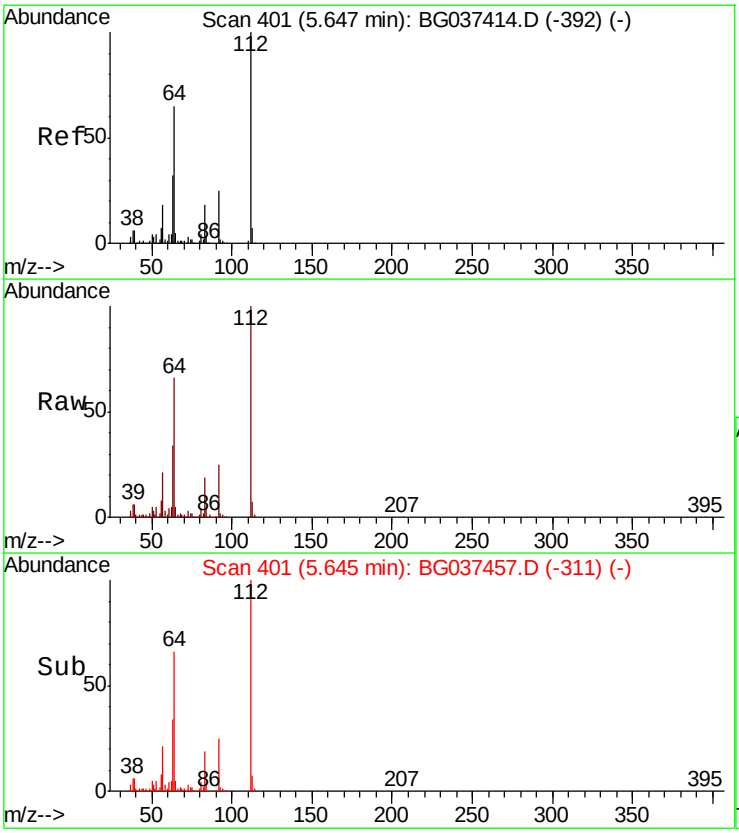
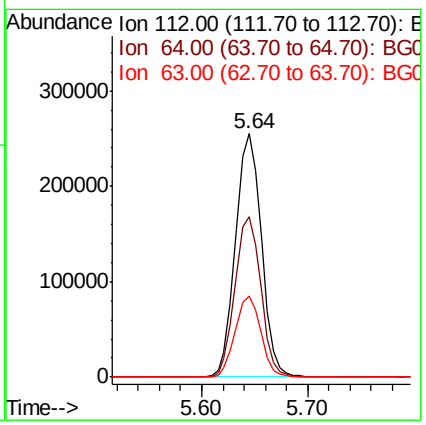
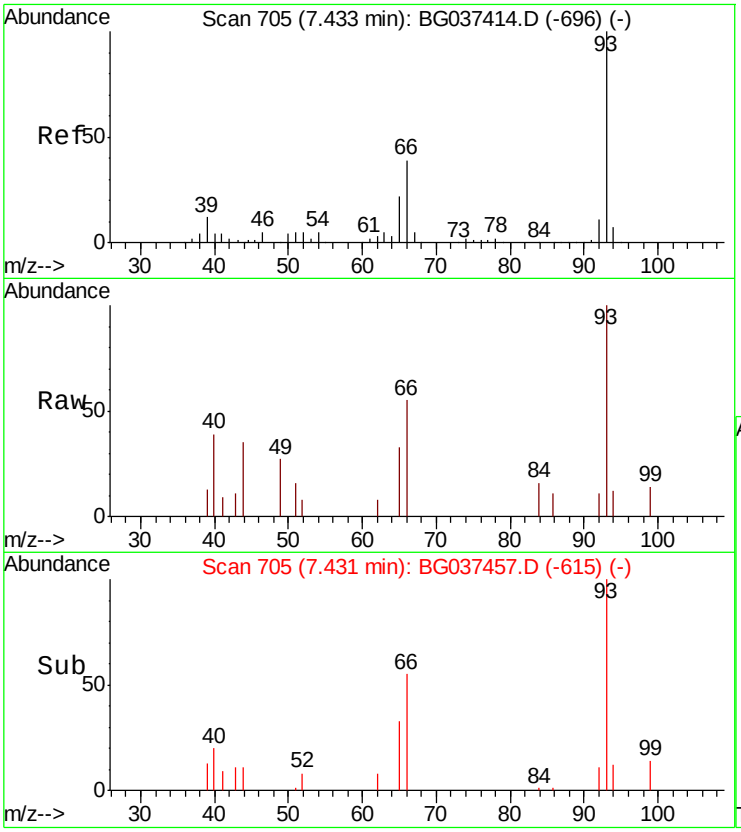


#5
2-Fluorophenol
Concen: 136.496 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion:112 Resp: 433005

Ion	Ratio	Lower	Upper
112	100		
64	66.1	53.1	79.7
63	33.5	27.3	40.9

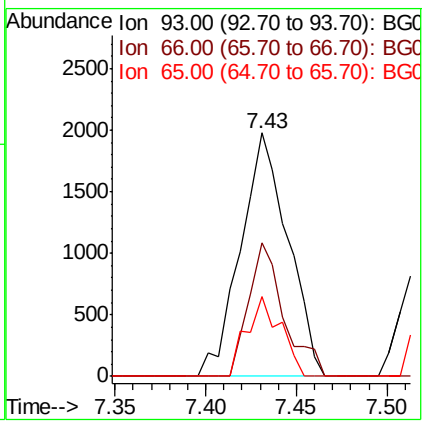




#6
Aniline
Concen: 0.613 ng
RT: 7.43 min Scan# 705
Delta R.T. -0.00 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion: 93 Resp: 3590

Ion	Ratio	Lower	Upper
93	100		
66	54.7	32.8	49.2#
65	32.9	16.4	24.6#



Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

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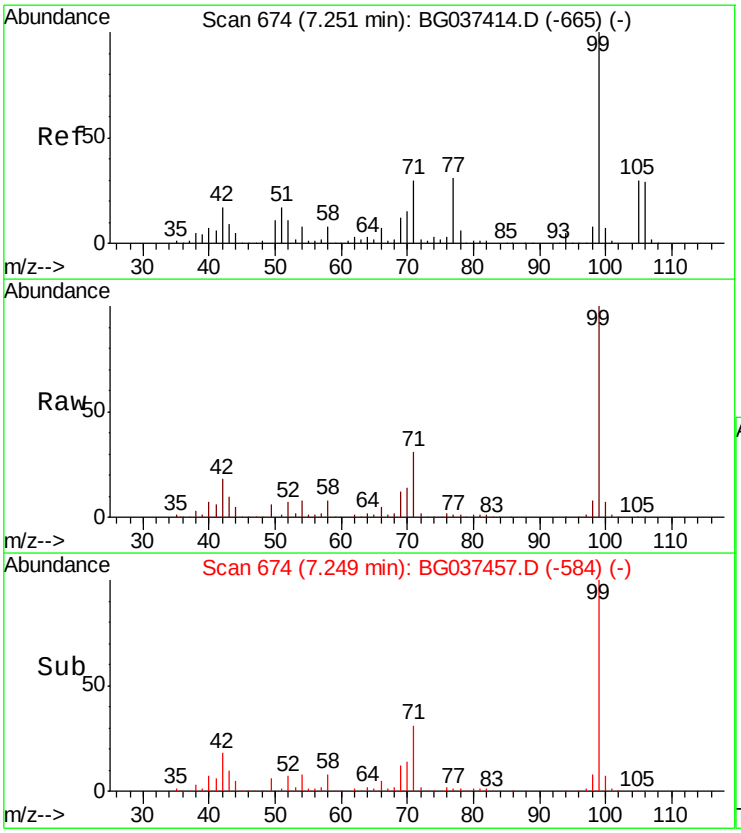
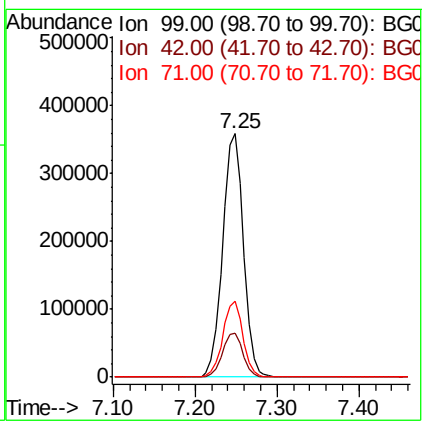
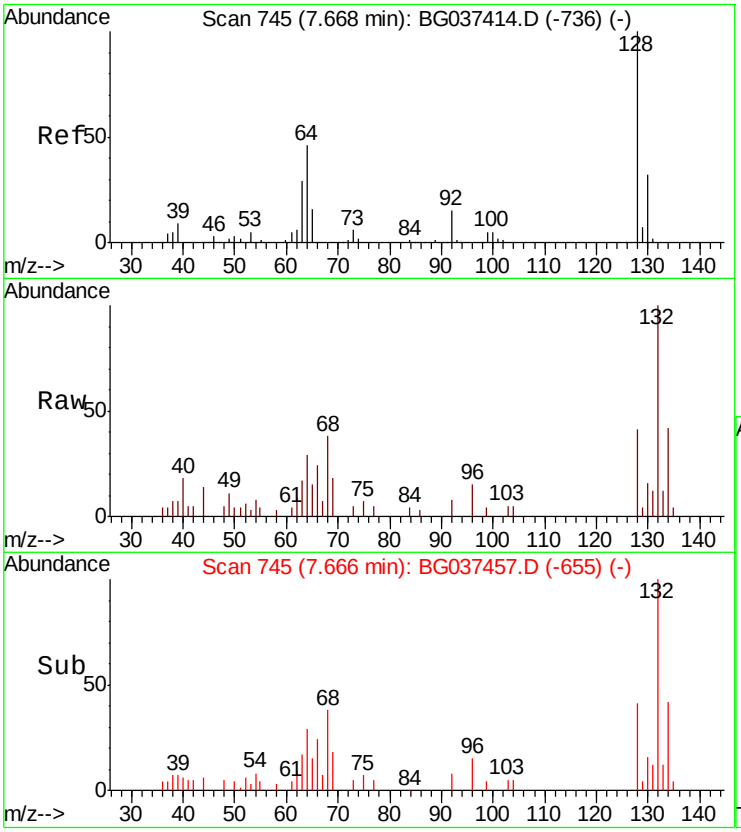


#7
Phenol-d6
Concen: 132.392 ng
RT: 7.25 min Scan# 674
Delta R.T. -0.00 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion: 99 Resp: 635069

Ion	Ratio	Lower	Upper
99	100		
42	17.8	15.0	22.4
71	31.1	25.5	38.3

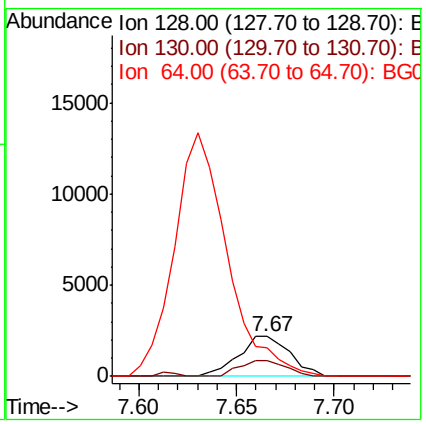




#8
2-Chlorophenol
Concen: 1.072 ng
RT: 7.67 min Scan# 745
Delta R.T. -0.00 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion:128 Resp: 3977

Ion	Ratio	Lower	Upper
128	100		
130	38.2	12.0	52.0
64	70.3	32.9	72.9



Instrument :
BNA_G
ClientSampleId :
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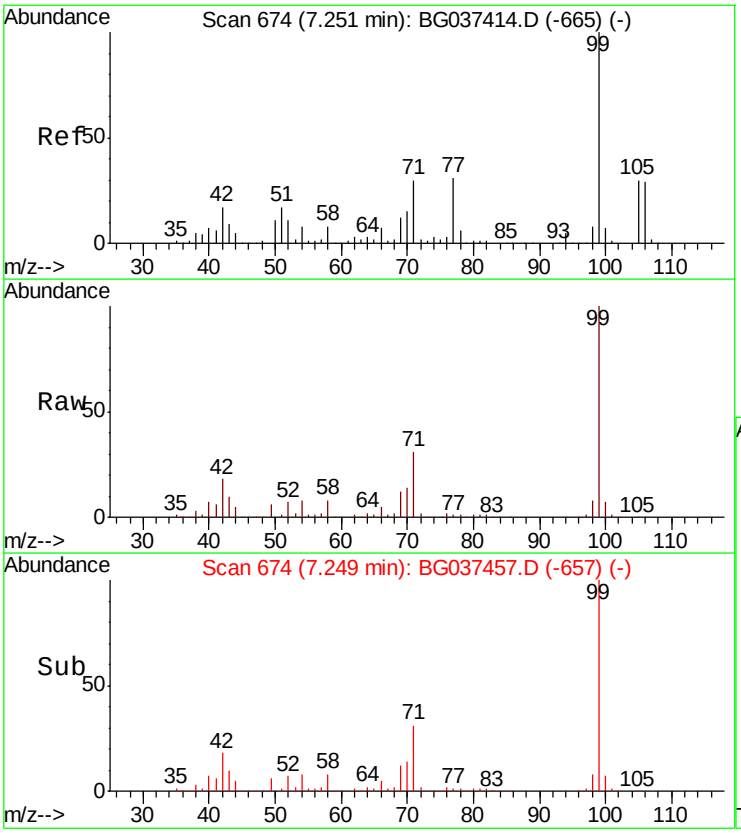
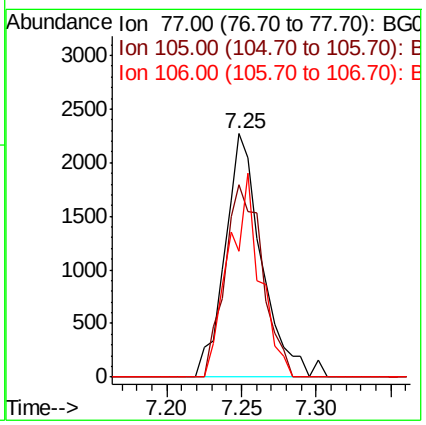
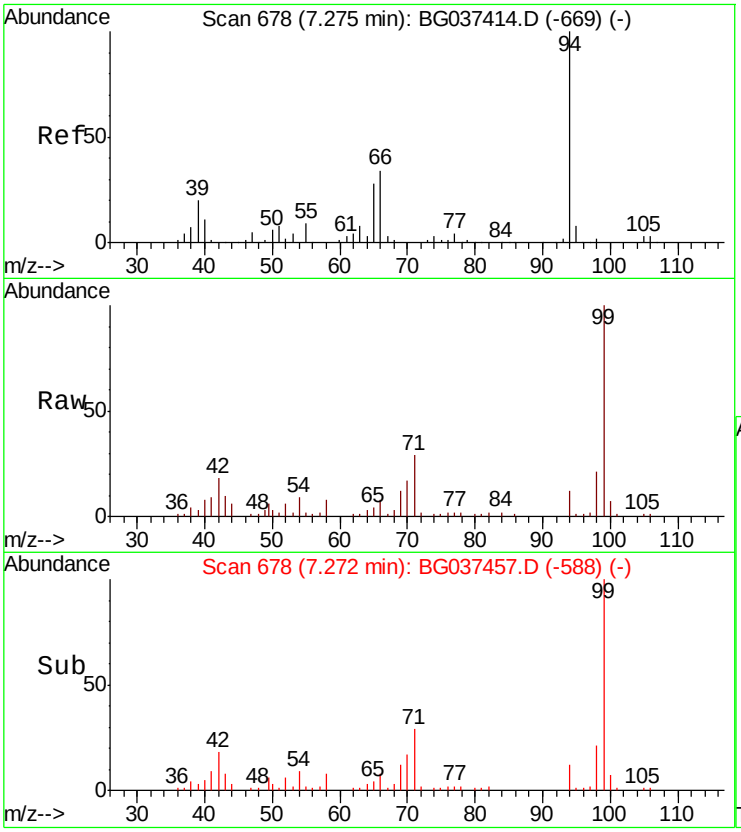


#9
Benzaldehyde
Concen: 1.303 ng
RT: 7.25 min Scan# 674
Delta R.T. -0.00 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion: 77 Resp: 3909

Ion	Ratio	Lower	Upper
77	100		
105	79.0	72.6	112.6
106	51.6	71.3	111.3#

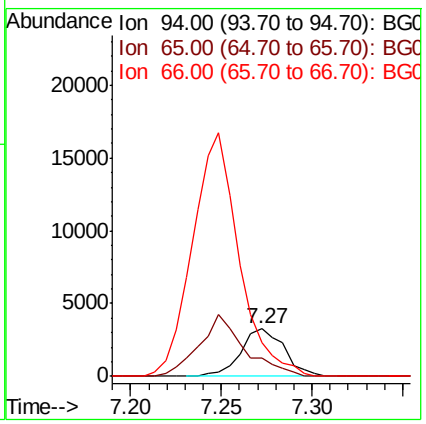




#10
Phenol
Concen: 1.076 ng
RT: 7.27 min Scan# 678
Delta R.T. -0.00 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion: 94 Resp: 5448

Ion	Ratio	Lower	Upper
94	100		
65	37.9	9.7	49.7
66	71.2	15.9	55.9#



Instrument :
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ClientSampleId :
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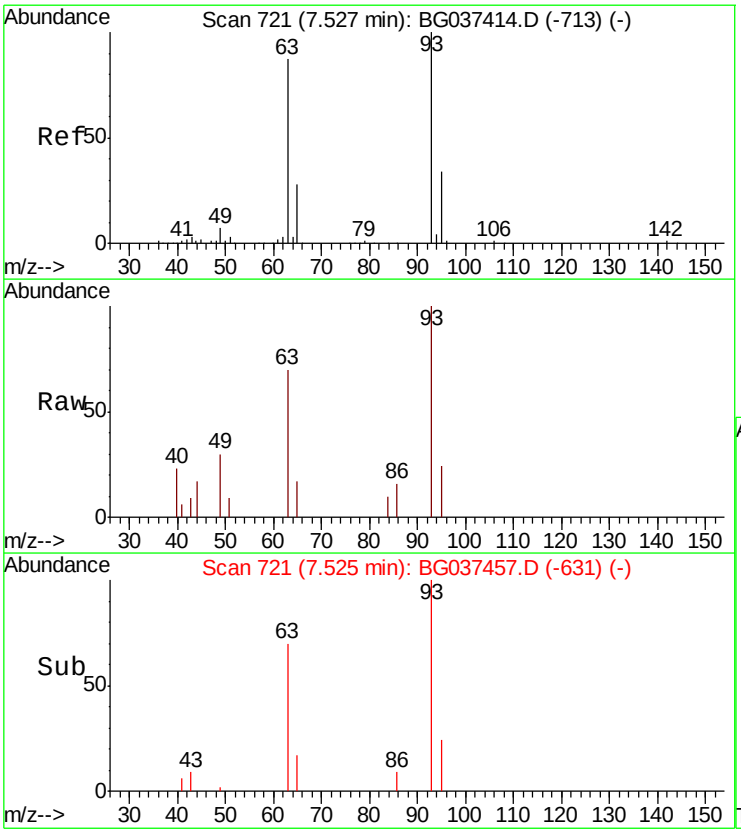
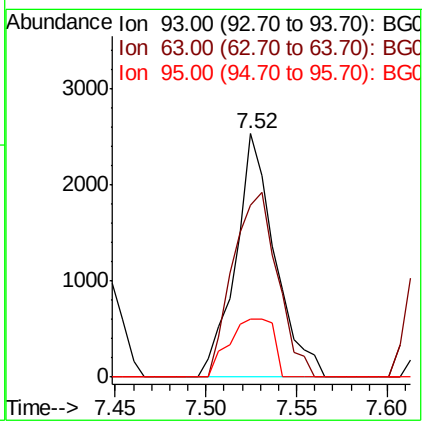
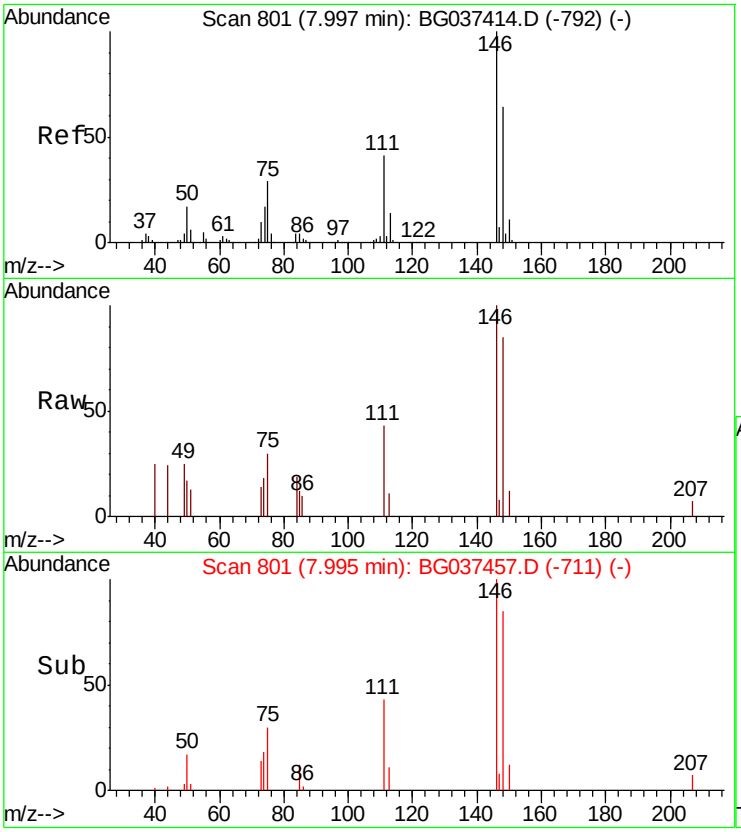


#11
bis(2-Chloroethyl)ether
Concen: 0.997 ng
RT: 7.52 min Scan# 721
Delta R.T. -0.00 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion: 93 Resp: 3831

Ion	Ratio	Lower	Upper
93	100		
63	70.4	69.5	109.5
95	23.6	12.6	52.6

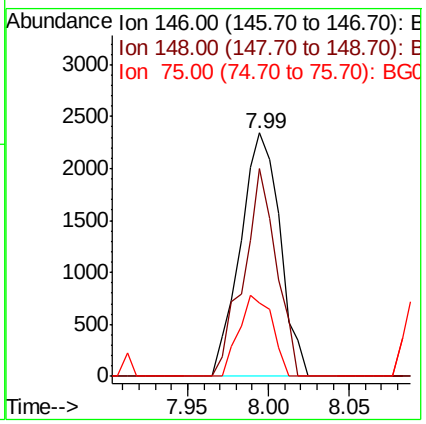




#12
1,3-Dichlorobenzene
Concen: 0.963 ng m
RT: 7.99 min Scan# 801
Delta R.T. -0.00 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion:146 Resp: 3980

Ion	Ratio	Lower	Upper
146	100		
148	85.4	49.8	74.8#
75	30.2	23.2	34.8



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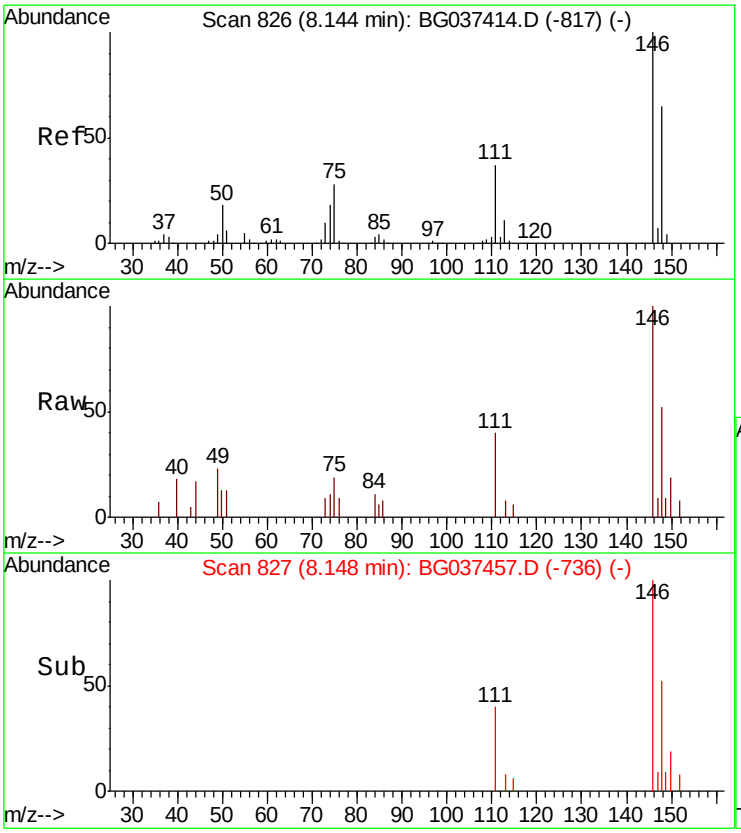
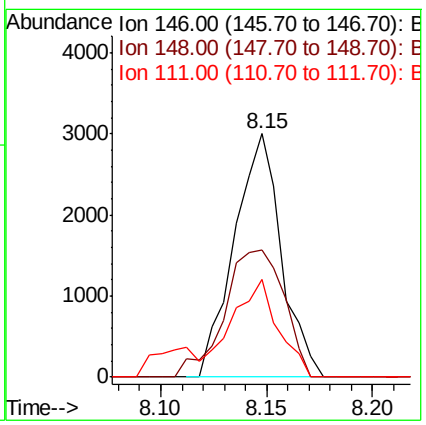
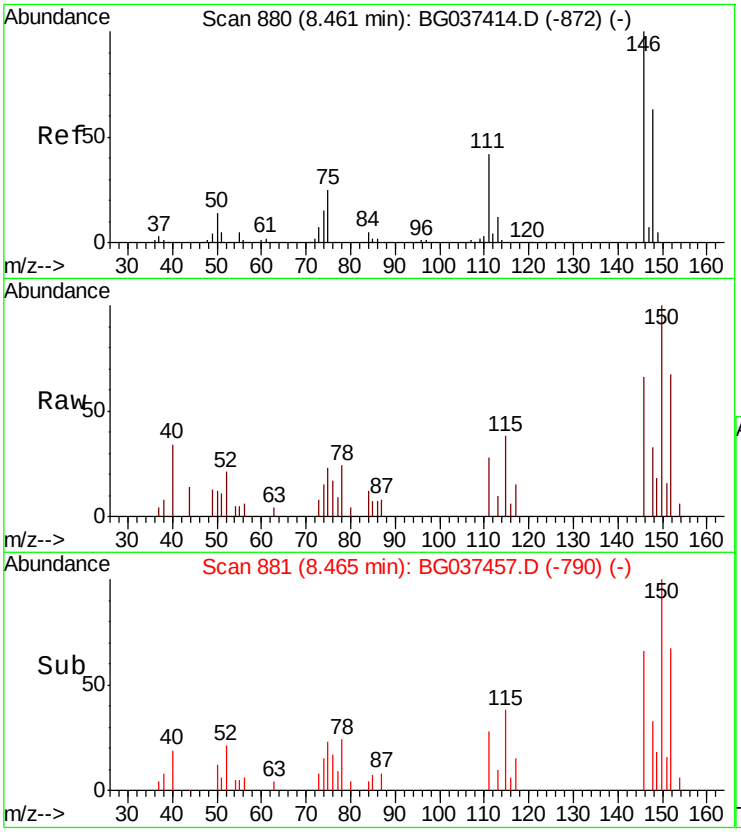


#13
1,4-Dichlorobenzene
Concen: 1.096 ng
RT: 8.15 min Scan# 827
Delta R.T. 0.00 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion:146 Resp: 4631

Ion	Ratio	Lower	Upper
146	100		
148	52.1	51.0	76.6
111	40.2	32.4	48.6

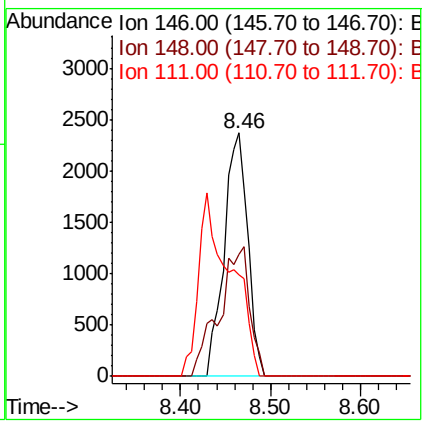




#14
1,2-Dichlorobenzene
Concen: 1.072 ng m
RT: 8.46 min Scan# 881
Delta R.T. 0.00 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion:146 Resp: 4356

Ion	Ratio	Lower	Upper
146	100		
148	50.4	50.4	75.6#
111	41.7	34.6	51.8



Instrument :
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ClientSampleId :
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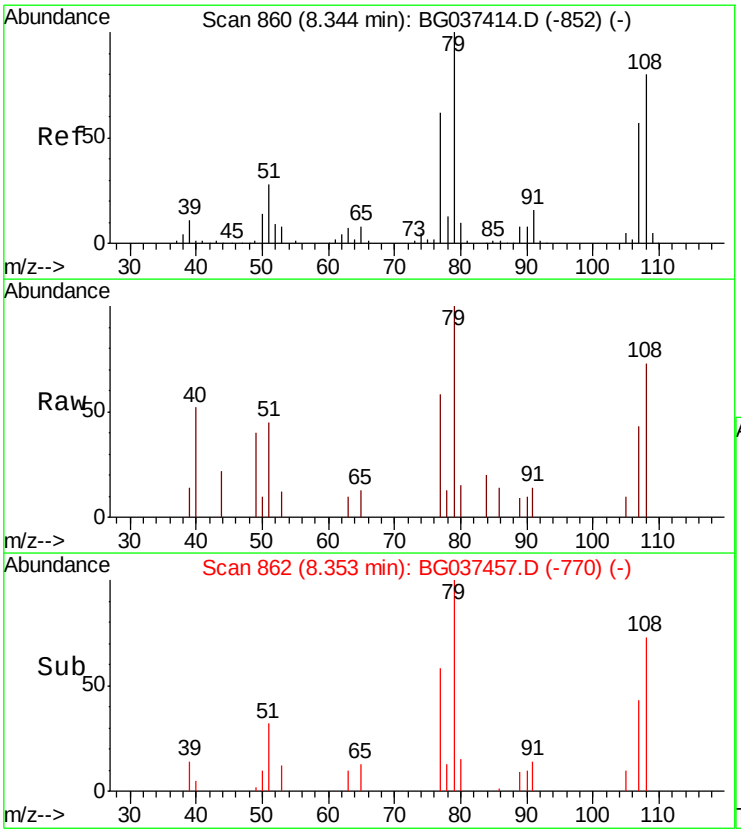
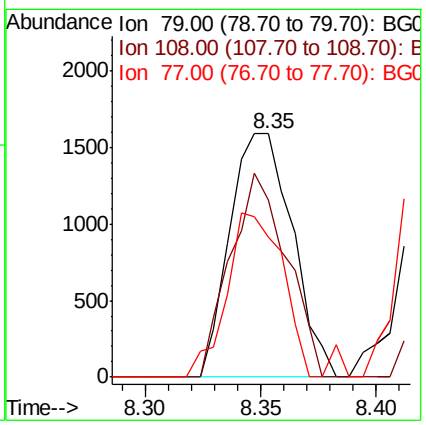
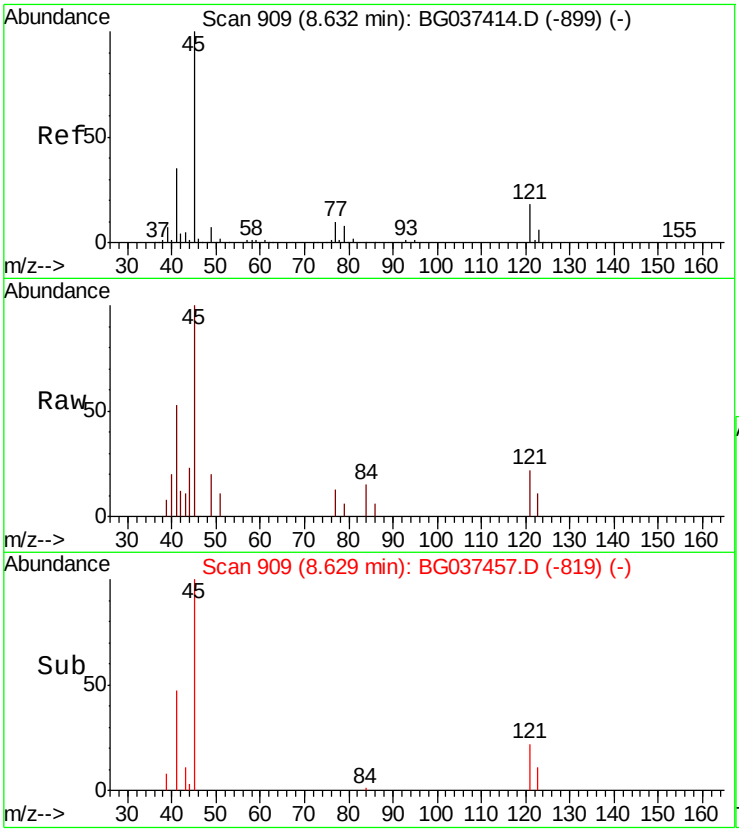


#15
Benzyl Alcohol
Concen: 0.845 ng
RT: 8.35 min Scan# 862
Delta R.T. 0.01 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion: 79 Resp: 2995

Ion	Ratio	Lower	Upper
79	100		
108	72.6	65.8	98.8
77	57.5	52.9	79.3





#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.993 ng
RT: 8.63 min Scan# 909
Delta R.T. -0.00 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion: 45 Resp: 6831

Ion	Ratio	Lower	Upper
45	100		
77	13.5	0.0	30.0
79	6.3	0.0	29.0

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Manual Integrations APPROVED
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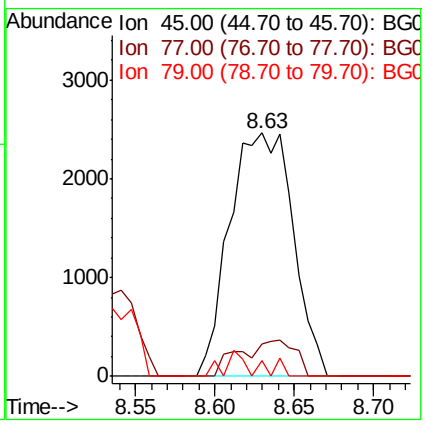
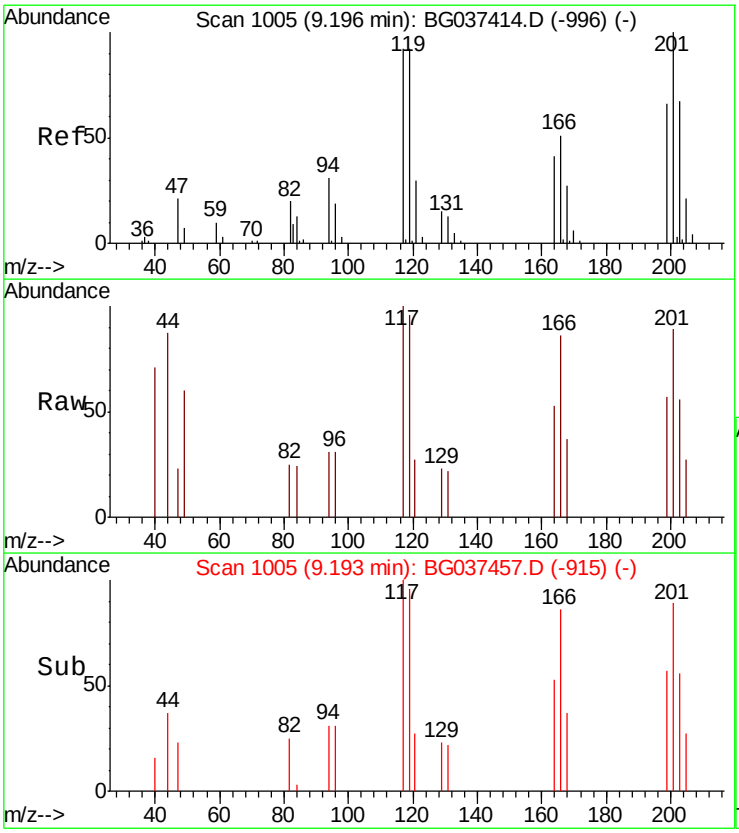
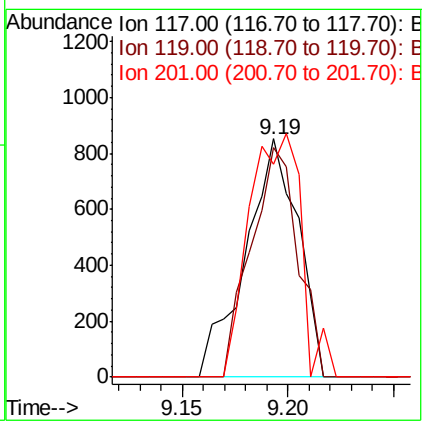


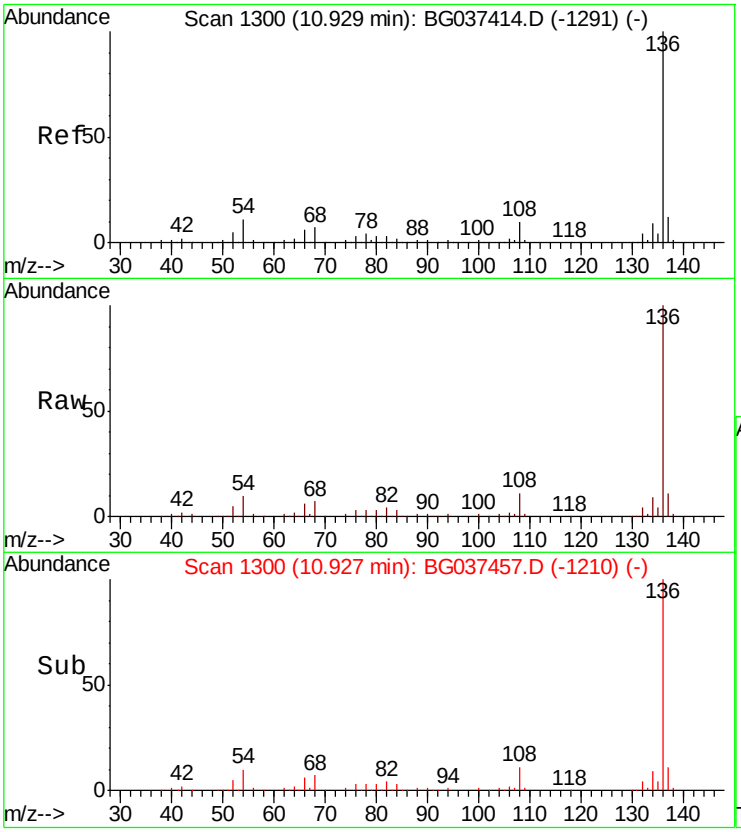


#18
Hexachloroethane
Concen: 1.024 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion:117 Resp: 1476

Ion	Ratio	Lower	Upper
117	100		
119	96.4	74.6	111.8
201	89.3	80.8	121.2

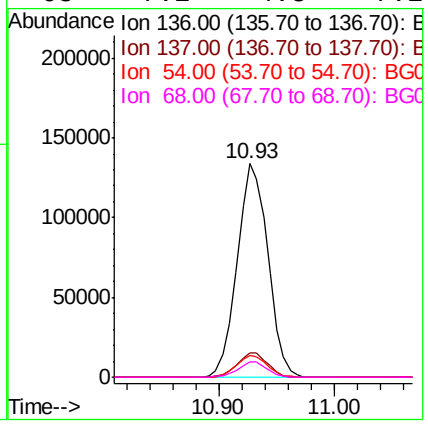




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion:136 Resp: 246937

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.6	14.4
54	10.2	7.9	11.9
68	7.2	4.8	7.2



Instrument :
BNA_G
ClientSampleId :
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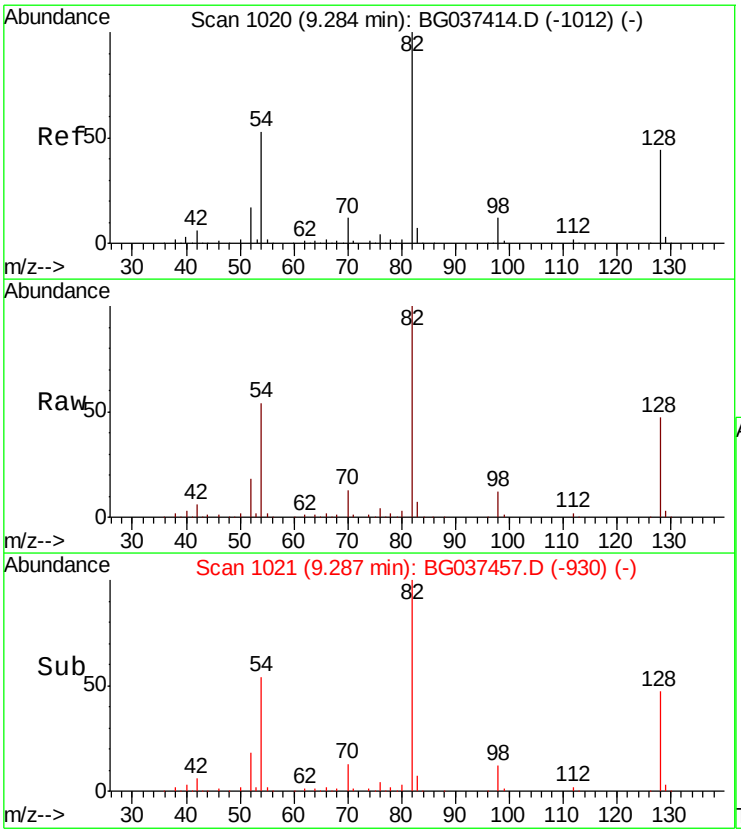
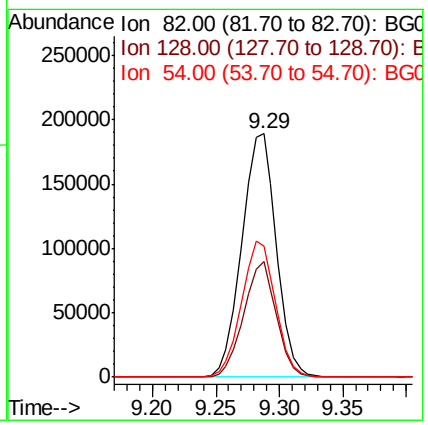
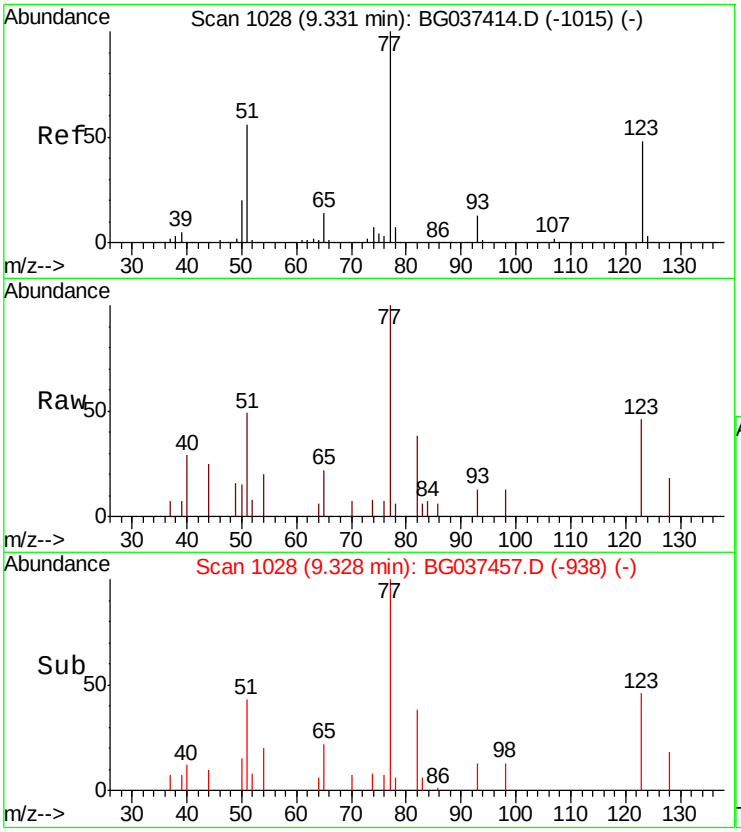


#23
Nitrobenzene-d5
Concen: 81.147 ng
RT: 9.29 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion: 82 Resp: 357705

Ion	Ratio	Lower	Upper
82	100		
128	47.4	34.6	51.8
54	54.0	45.3	67.9

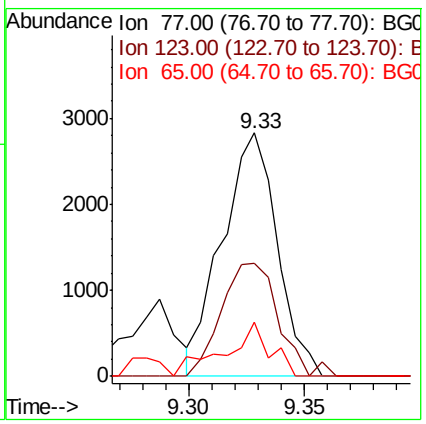




#24
Nitrobenzene
Concen: 1.027 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion: 77 Resp: 4702

Ion	Ratio	Lower	Upper
77	100		
123	46.2	33.6	50.4
65	22.2	11.3	16.9#



Instrument :
BNA_G
ClientSampleId :
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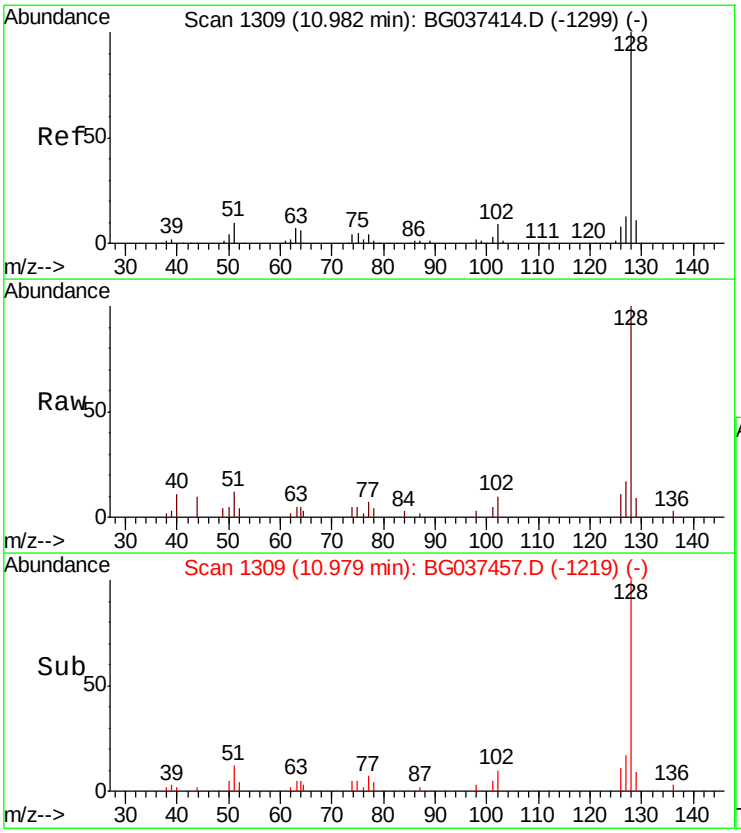
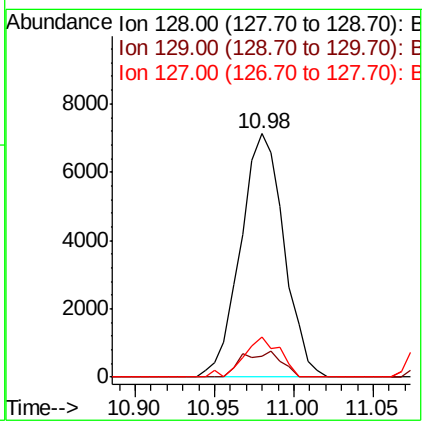
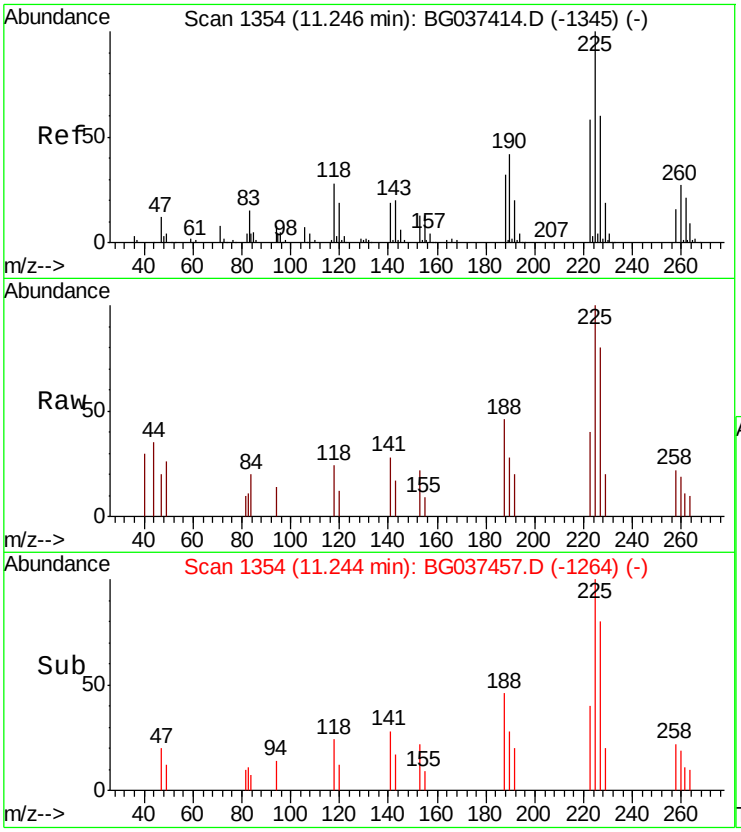


#31
Naphthalene
Concen: 1.116 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion:128 Resp: 13537

Ion	Ratio	Lower	Upper
128	100		
129	8.8	9.0	13.6#
127	16.6	11.1	16.7





#34
Hexachlorobutadiene
Concen: 1.031 ng
RT: 11.24 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion:225 Resp: 2724

Ion	Ratio	Lower	Upper
225	100		
223	40.2	48.2	72.4#
227	80.3	51.6	77.4#

Instrument :
BNA_G
ClientSampleId :
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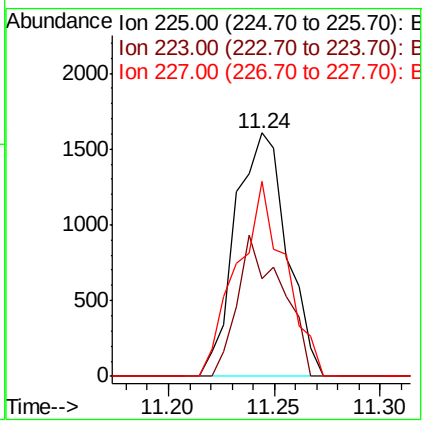
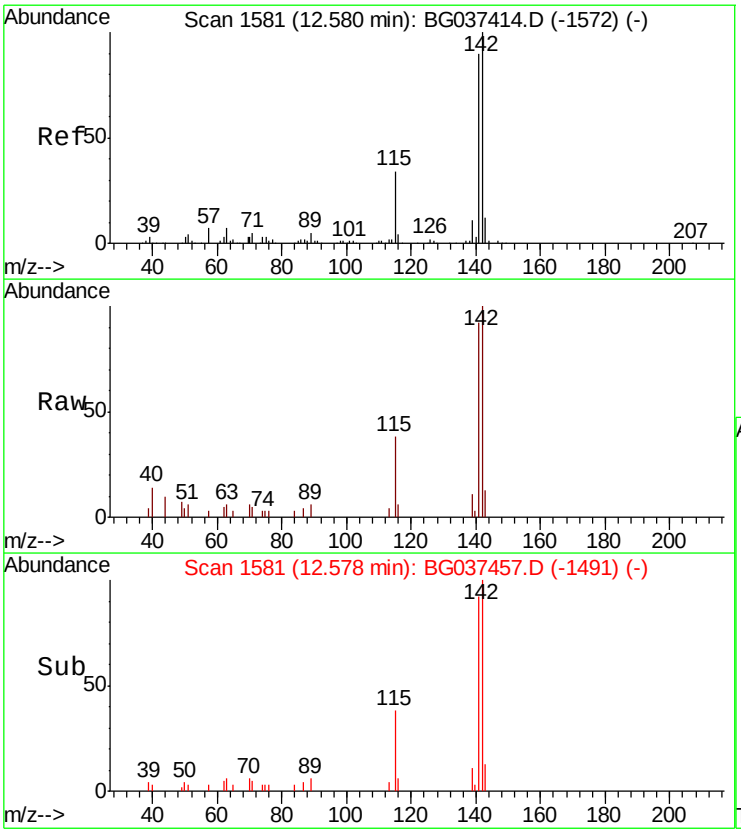
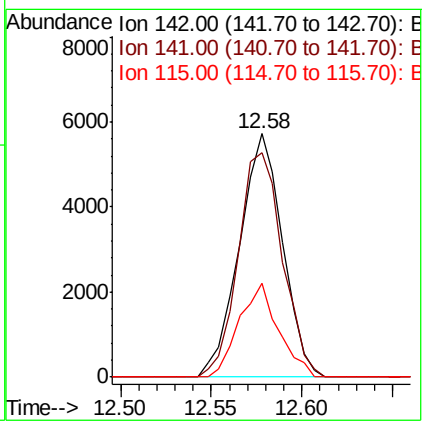


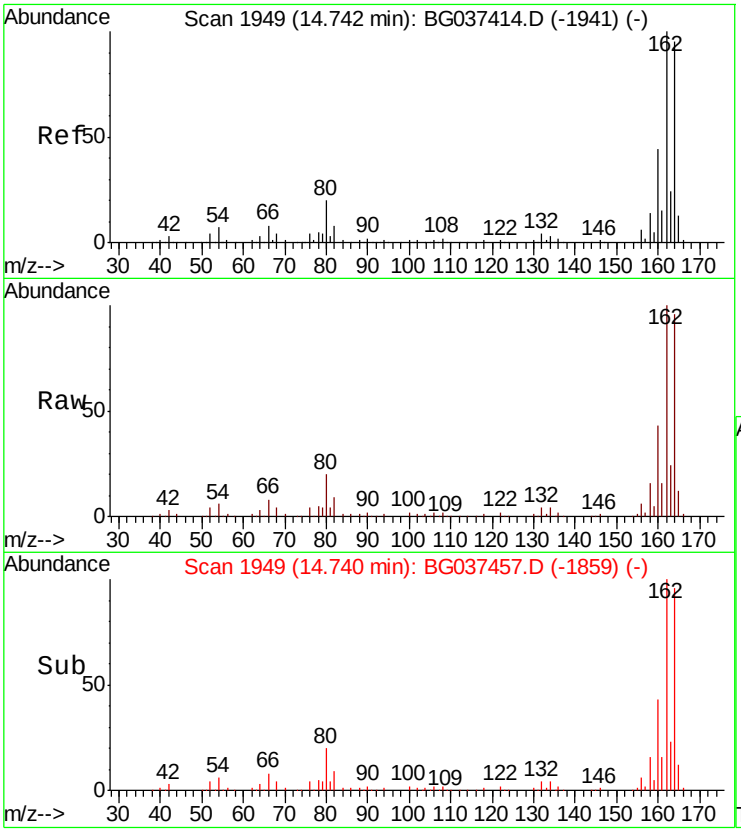


#37
2-Methylnaphthalene
Concen: 1.070 ng
RT: 12.58 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion:142 Resp: 9458

Ion	Ratio	Lower	Upper
142	100		
141	92.0	71.9	107.9
115	38.4	27.8	41.8

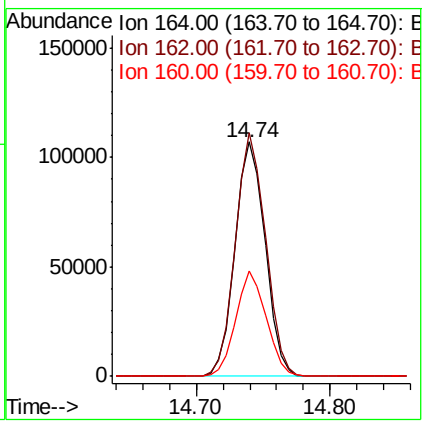




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion:164 Resp: 167280

Ion	Ratio	Lower	Upper
164	100		
162	104.0	81.3	121.9
160	45.2	36.3	54.5



Instrument :
BNA_G
ClientSampleId :
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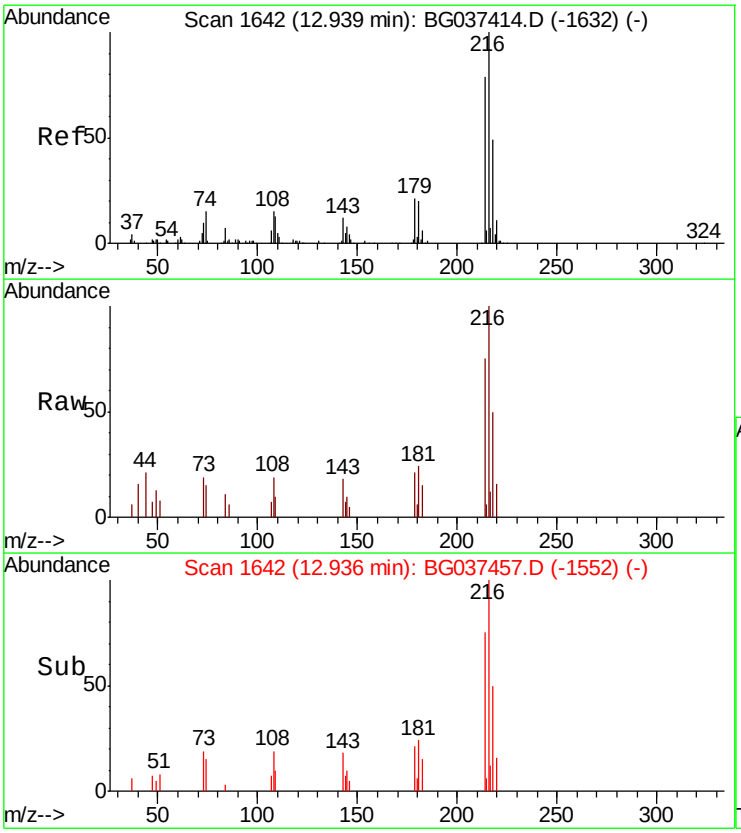
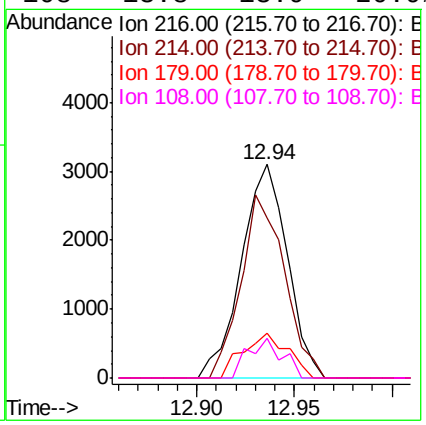
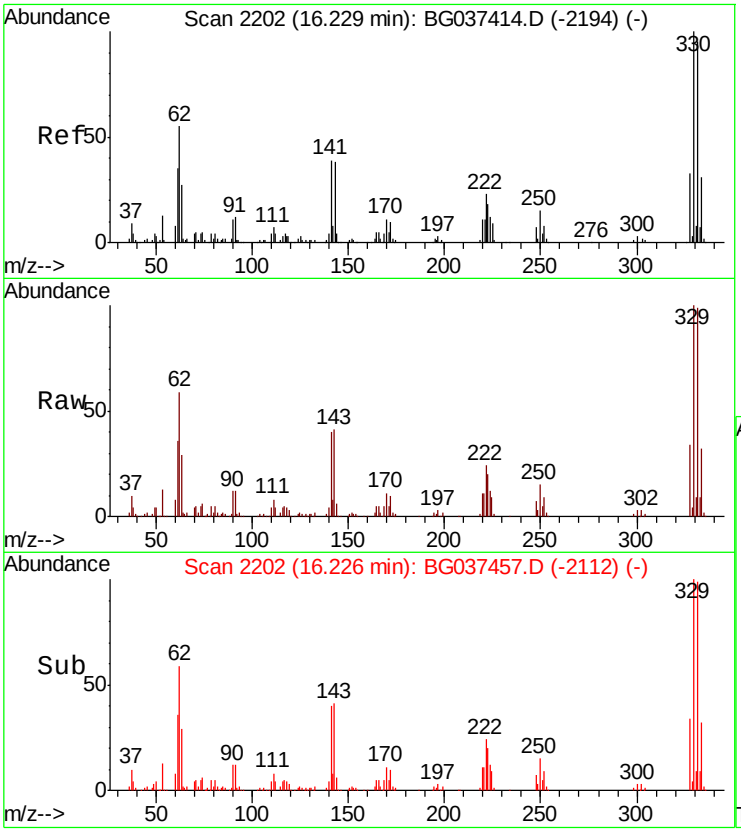


#40
1,2,4,5-Tetrachlorobenzene
Concen: 0.935 ng
RT: 12.94 min Scan# 1642
Delta R.T. -0.00 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion:216 Resp: 5044

Ion	Ratio	Lower	Upper
216	100		
214	81.4	63.8	95.6
179	20.2	17.4	26.0
108	13.8	13.9	20.9#





#42
2,4,6-Tribromophenol
Concen: 132.125 ng
RT: 16.23 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion:330 Resp: 241063

Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.4	117.6
141	40.2	32.2	48.2

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

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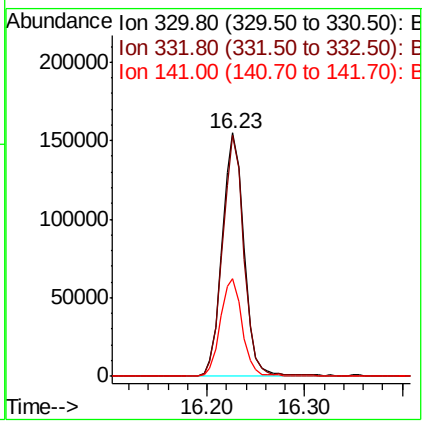
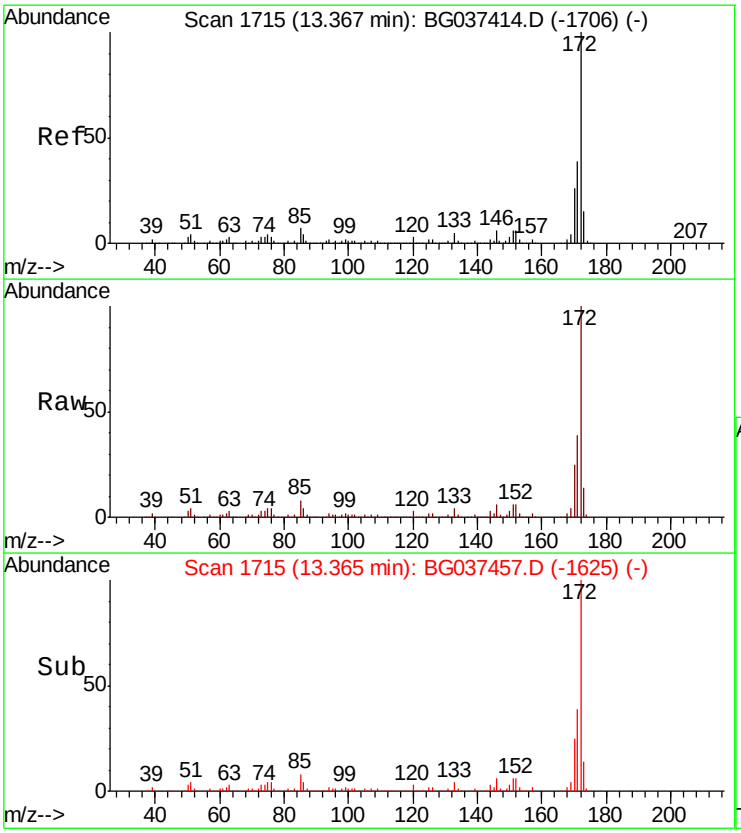
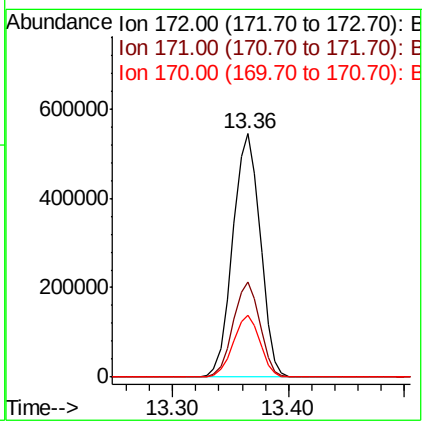


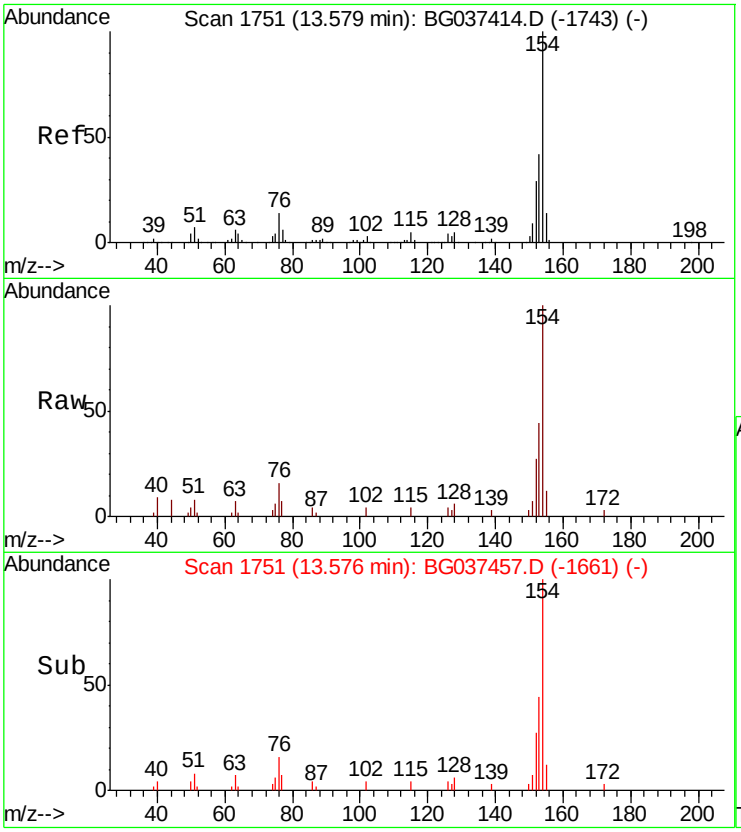


#45
2-Fluorobiphenyl
Concen: 80.799 ng
RT: 13.36 min Scan# 1715
Delta R.T. -0.00 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion:172 Resp: 896321

Ion	Ratio	Lower	Upper
172	100		
171	38.8	31.0	46.4
170	25.3	20.2	30.2

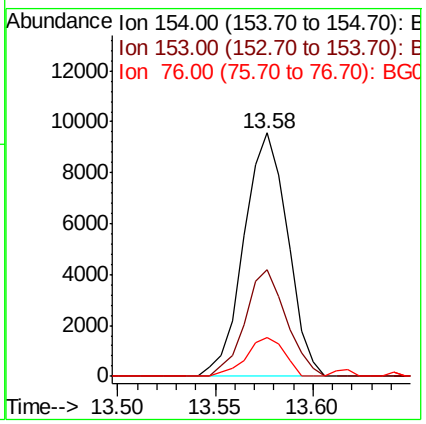




#46
1,1'-Biphenyl
Concen: 1.070 ng
RT: 13.58 min Scan# 1751
Delta R.T. -0.00 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion:154 Resp: 14820

Ion	Ratio	Lower	Upper
154	100		
153	44.0	22.1	62.1
76	15.9	0.0	33.2



Instrument :
BNA_G
ClientSampleId :
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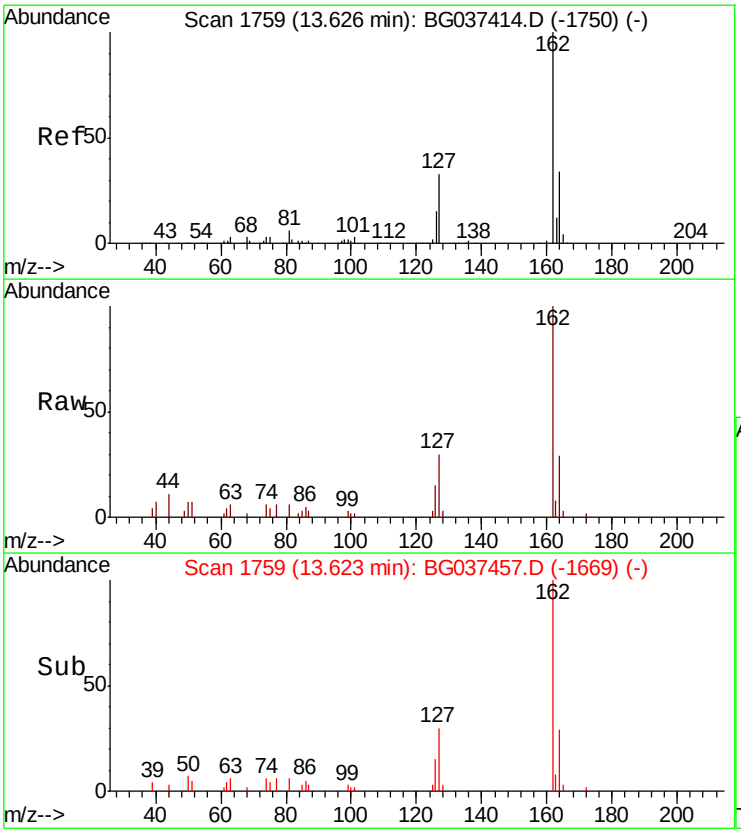
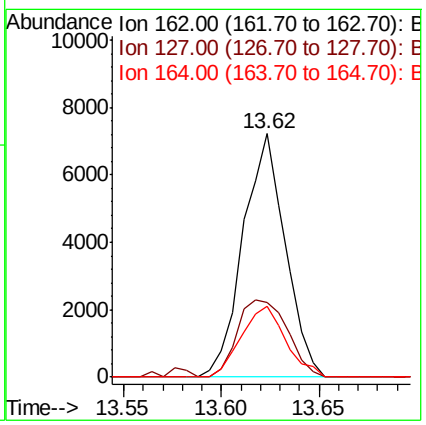
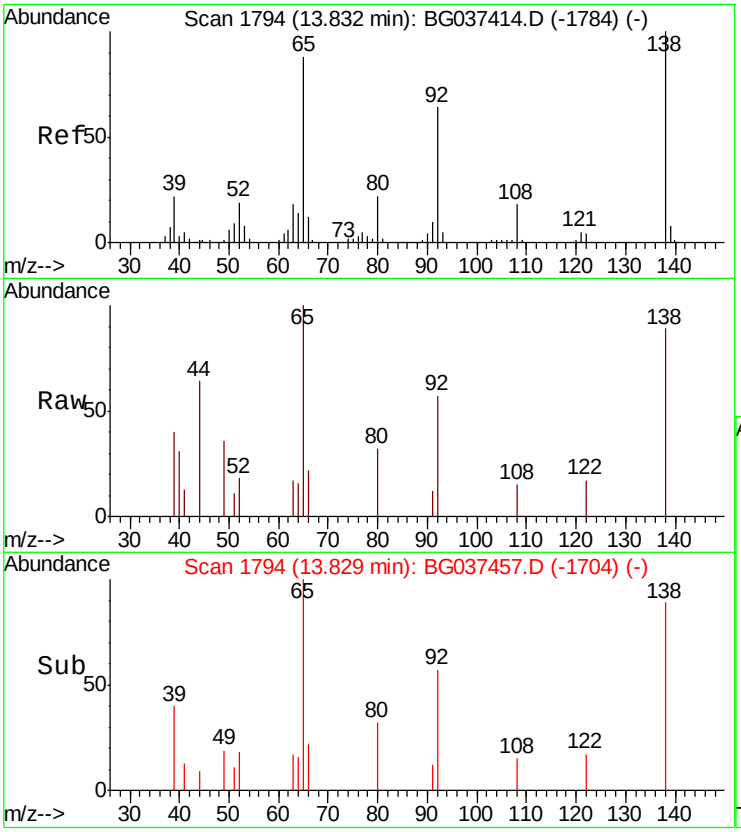


#47
2-Chloronaphthalene
Concen: 1.031 ng
RT: 13.62 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion:162 Resp: 10810

Ion	Ratio	Lower	Upper
162	100		
127	30.5	30.5	45.7
164	29.0	26.4	39.6





#48
2-Nitroaniline
Concen: 0.692 ng
RT: 13.83 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion: 65 Resp: 2200

Ion	Ratio	Lower	Upper
65	100		
92	56.7	53.2	79.8
138	89.4	79.3	118.9

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

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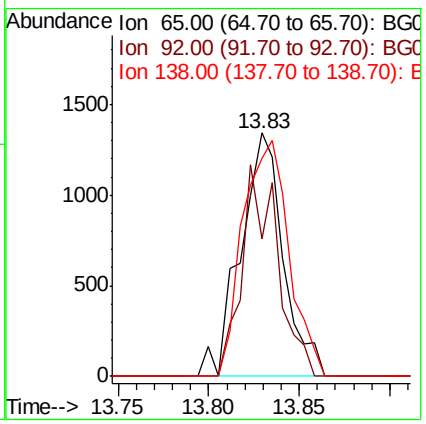
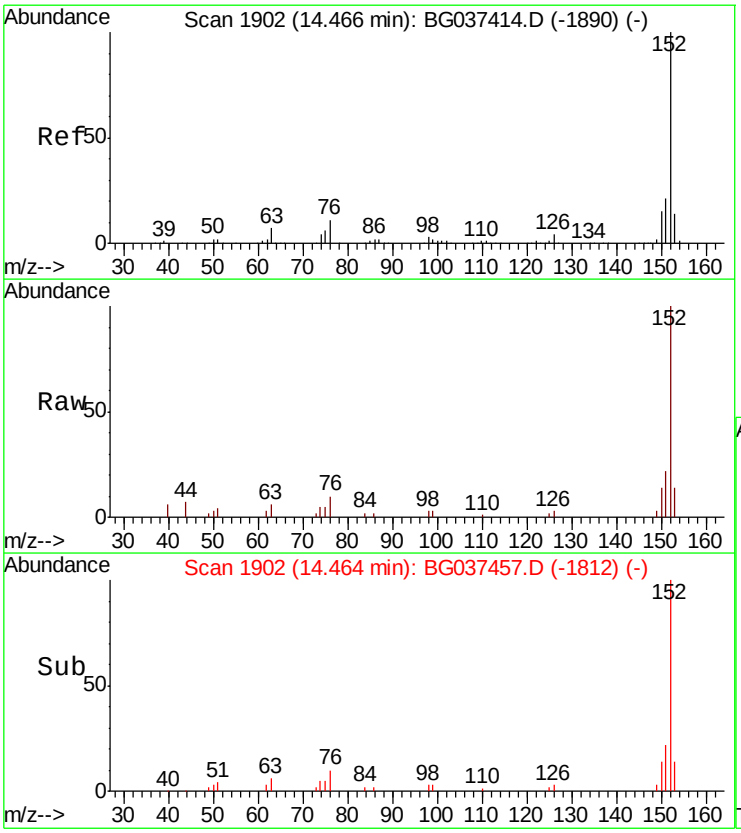
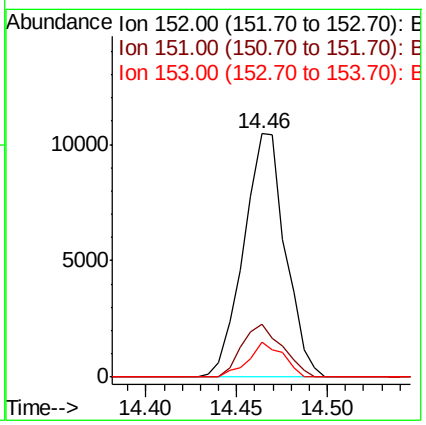


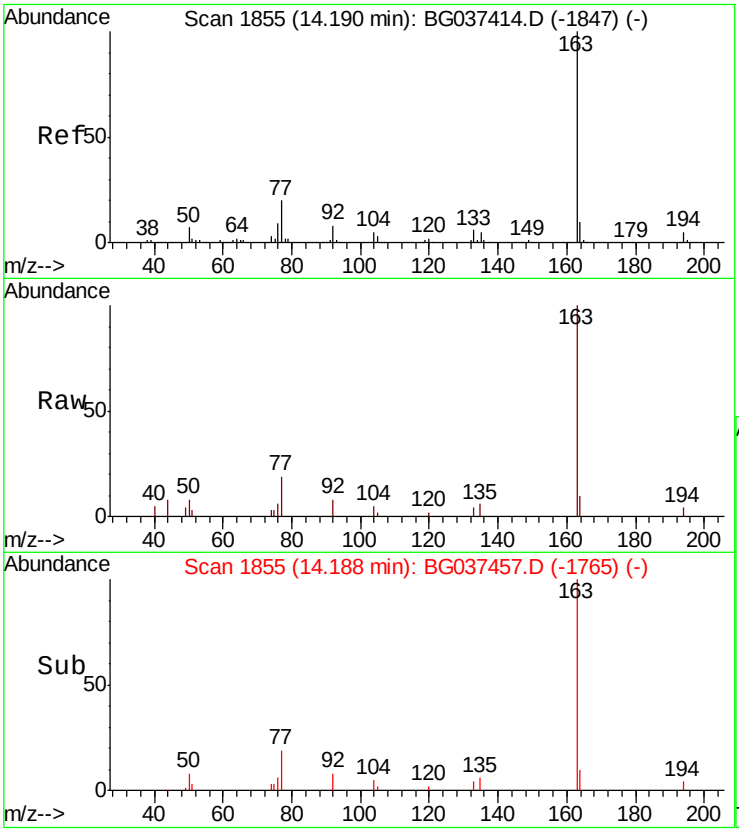


#49
Acenaphthylene
Concen: 1.062 ng
RT: 14.46 min Scan# 1902
Delta R.T. -0.00 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion:152 Resp: 16741

Ion	Ratio	Lower	Upper
152	100		
151	21.8	17.1	25.7
153	14.5	11.1	16.7

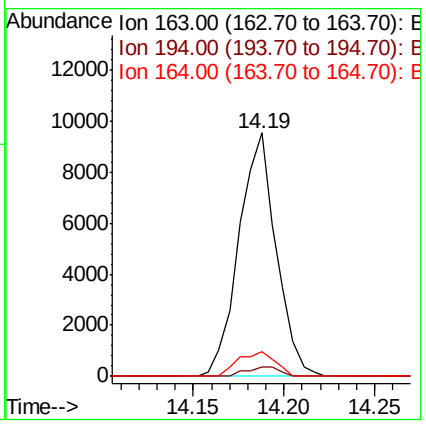




#50
Dimethylphthalate
Concen: 1.056 ng
RT: 14.19 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion:163 Resp: 13666

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.5	5.3
164	10.3	8.5	12.7



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ClientSampleId :
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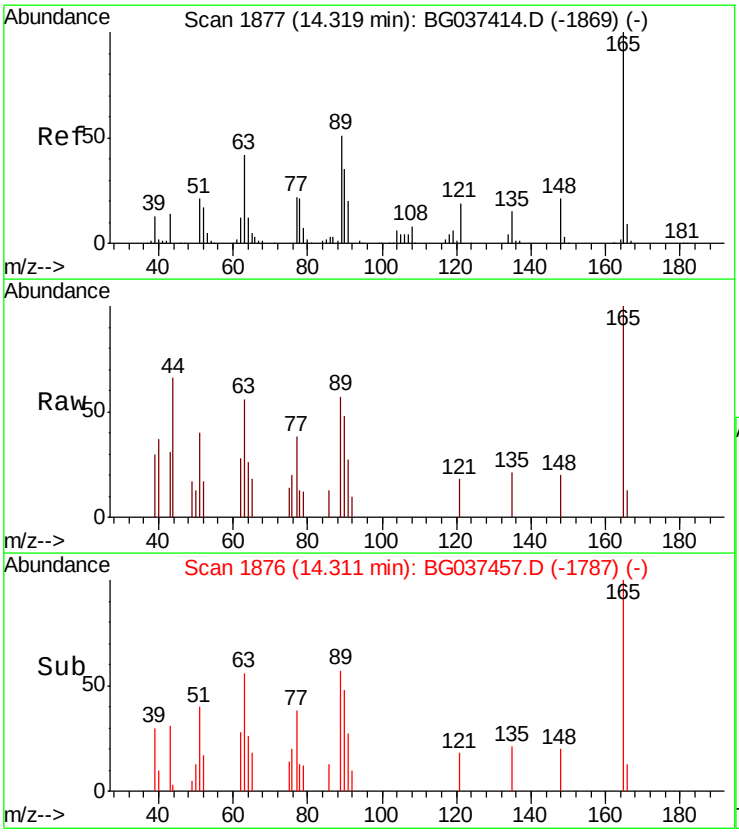
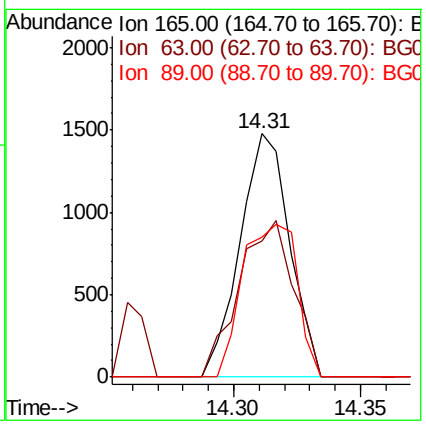
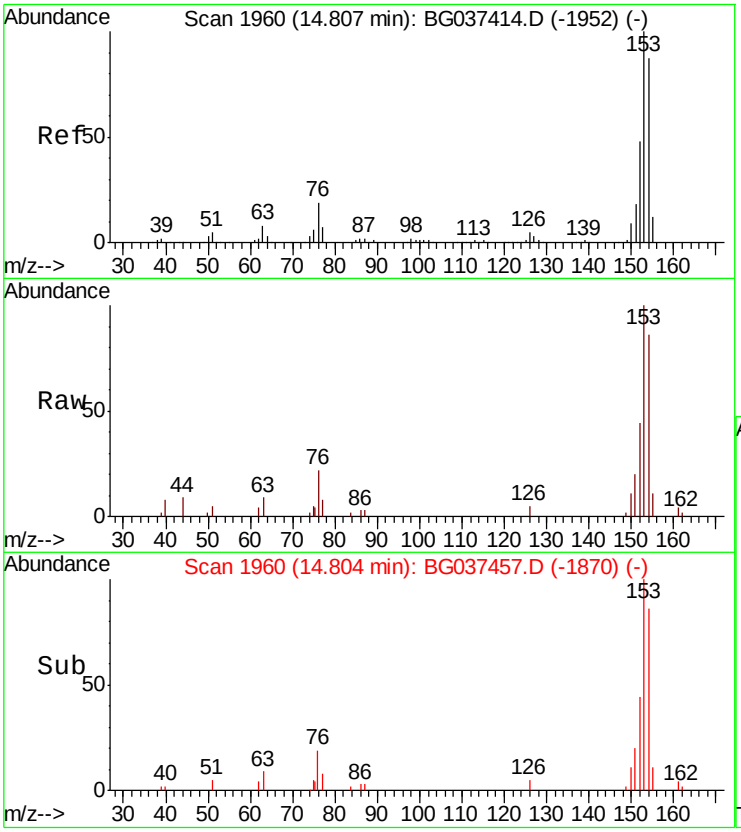


#51
2,6-Dinitrotoluene
Concen: 0.706 ng
RT: 14.31 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion:165 Resp: 2021

Ion	Ratio	Lower	Upper
165	100		
63	55.8	43.4	65.2
89	57.4	45.8	68.6

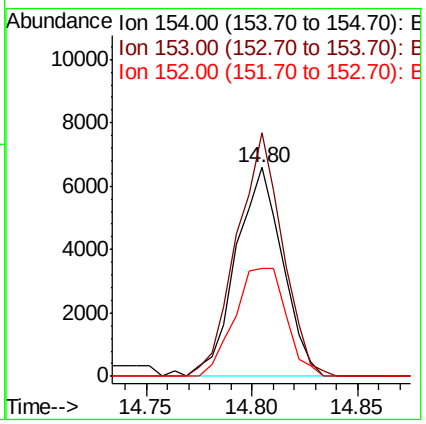




#52
Acenaphthene
Concen: 1.038 ng
RT: 14.80 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion:154 Resp: 10080

Ion	Ratio	Lower	Upper
154	100		
153	116.7	93.4	140.0
152	51.7	44.7	67.1



Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

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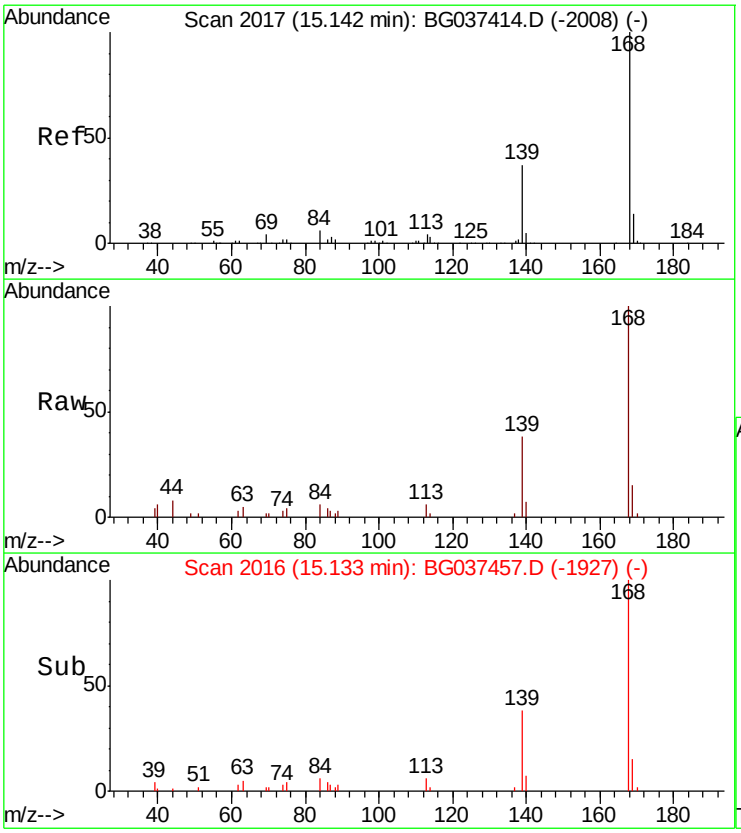
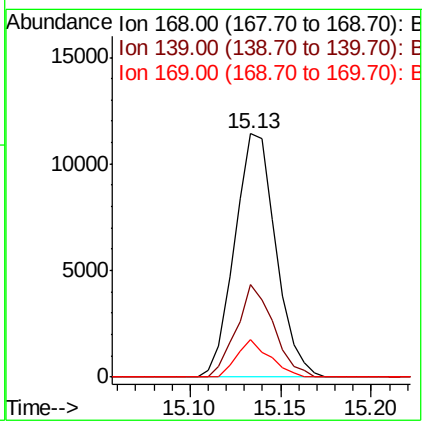
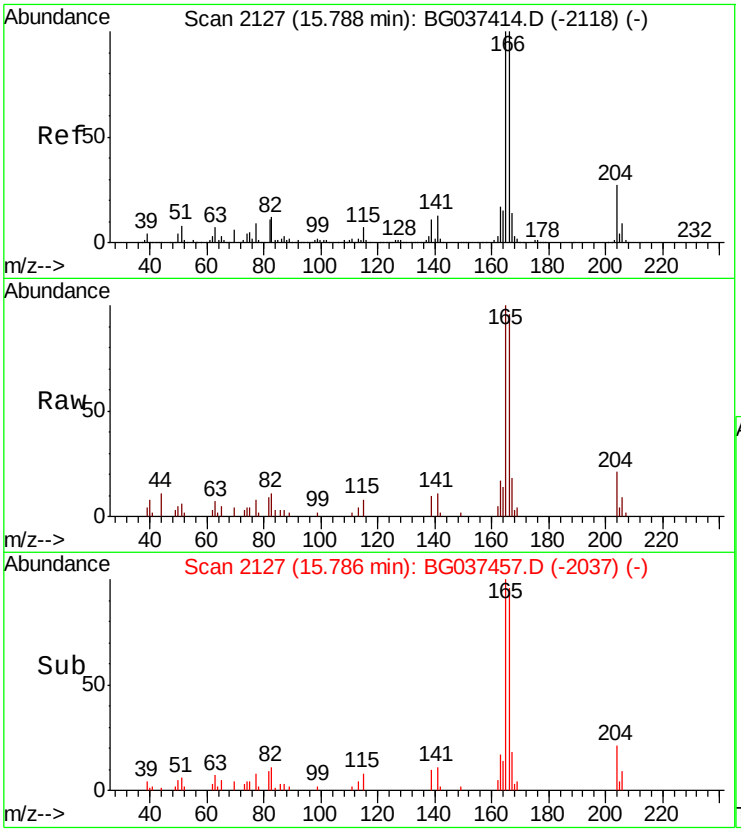


#55
Dibenzofuran
Concen: 1.118 ng
RT: 15.13 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion:168 Resp: 17990

Ion	Ratio	Lower	Upper
168	100		
139	37.9	29.4	44.0
169	15.3	11.0	16.6





#58
Fluorene
Concen: 1.114 ng
RT: 15.79 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion:166 Resp: 13415

Ion	Ratio	Lower	Upper
166	100		
165	104.1	79.0	118.6
167	18.7	11.3	16.9#

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

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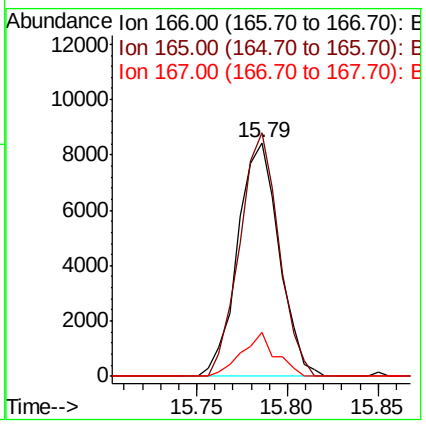
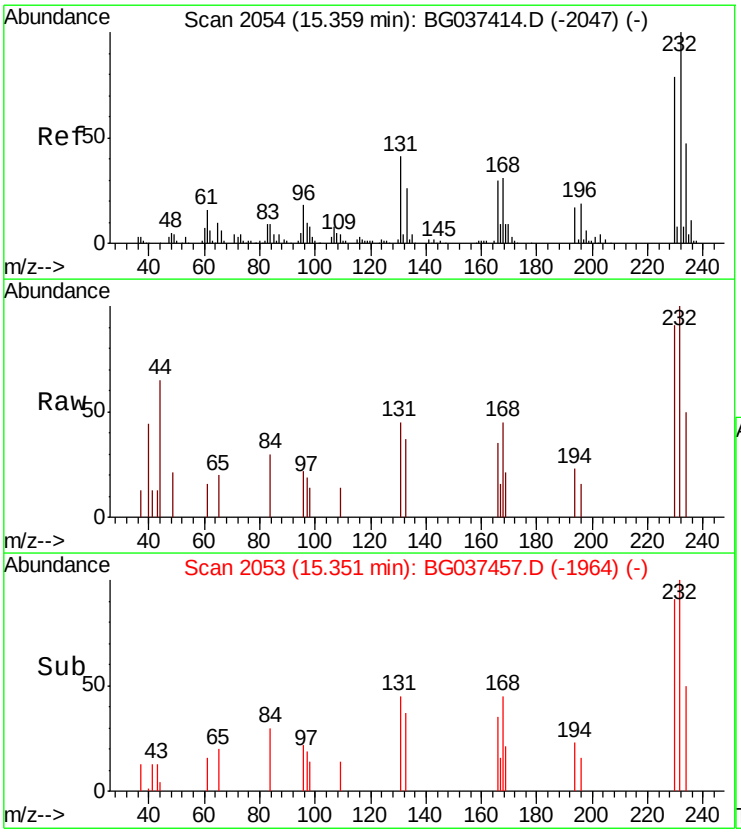
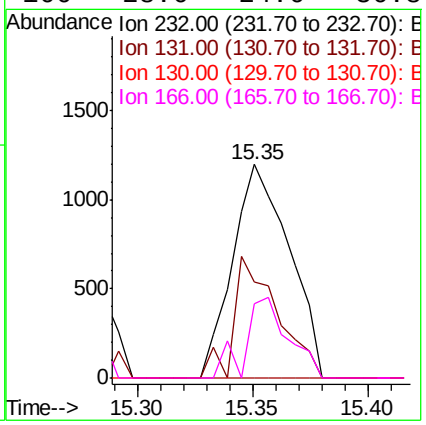


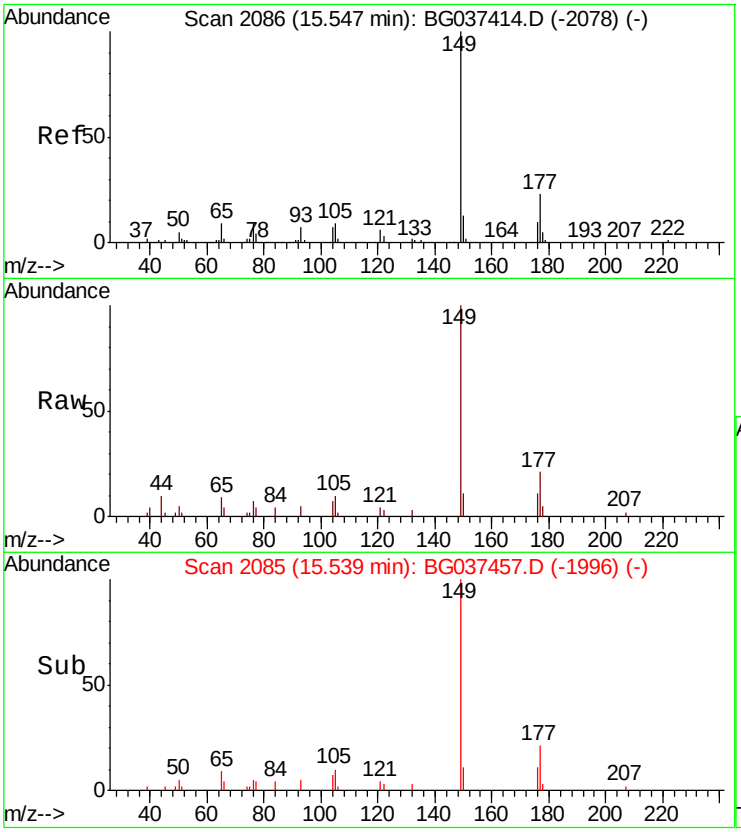


#59
2,3,4,6-Tetrachlorophenol
Concen: 0.608 ng
RT: 15.35 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion:232 Resp: 2044

Ion	Ratio	Lower	Upper
232	100		
131	44.4	33.7	50.5
130	0.0	2.1	3.1#
166	28.6	24.6	36.8

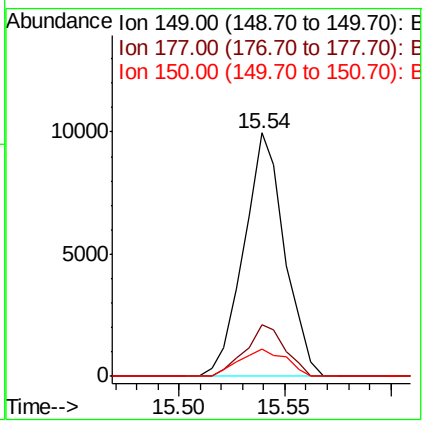




#60
Diethylphthalate
Concen: 1.004 ng
RT: 15.54 min Scan# 2085
Delta R.T. -0.01 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion:149 Resp: 13333

Ion	Ratio	Lower	Upper
149	100		
177	20.9	18.3	27.5
150	11.0	10.0	15.0



Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

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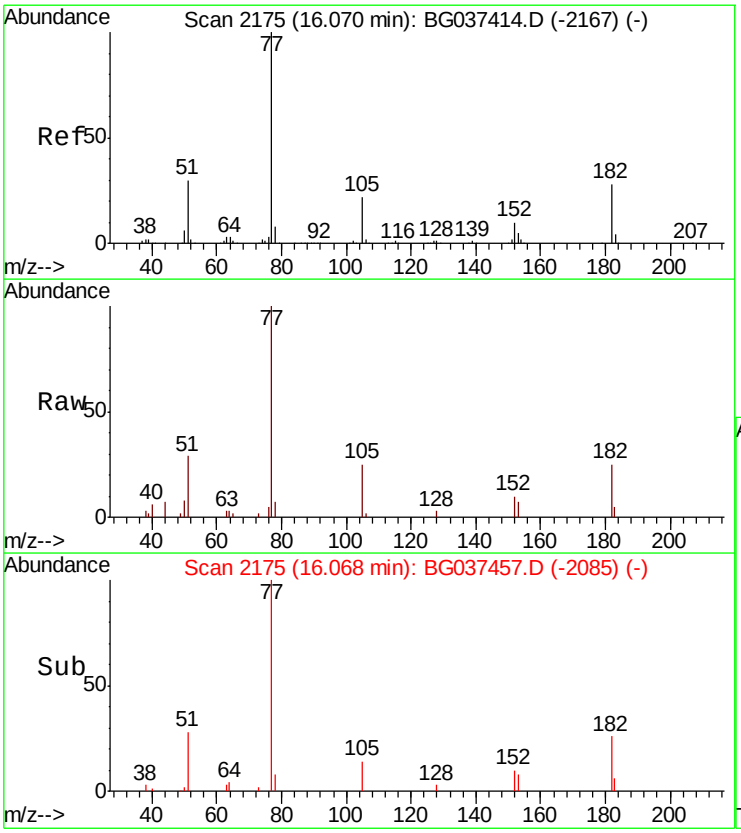
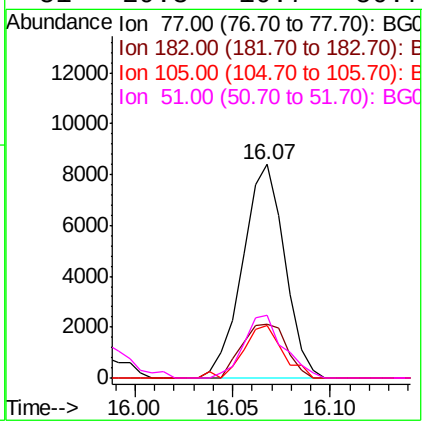
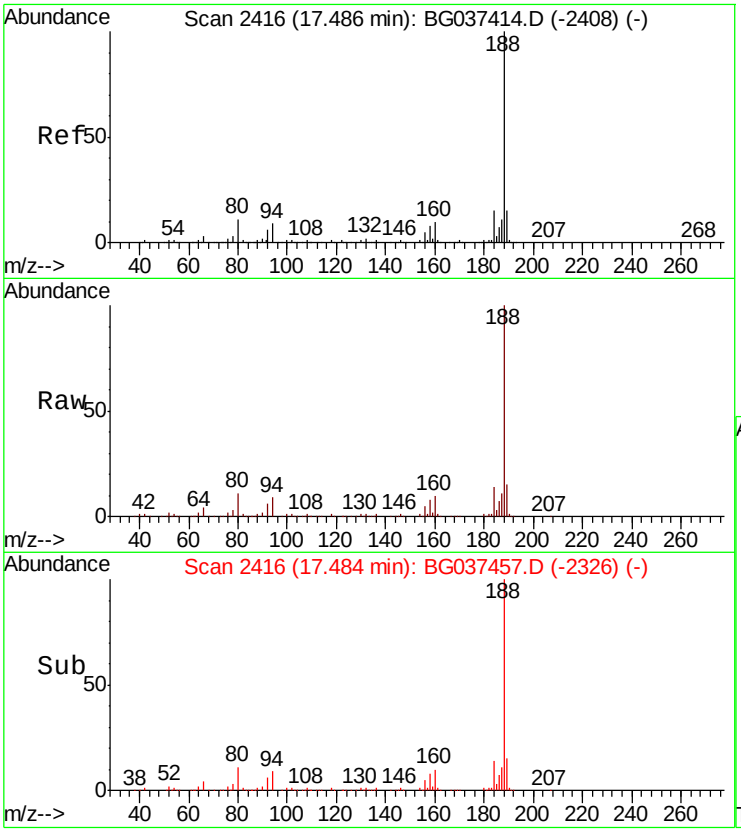


#63
Azobenzene
Concen: 0.987 ng
RT: 16.07 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion: 77 Resp: 12513

Ion	Ratio	Lower	Upper
77	100		
182	25.0	8.0	48.0
105	24.6	1.3	41.3
51	29.3	10.7	50.7

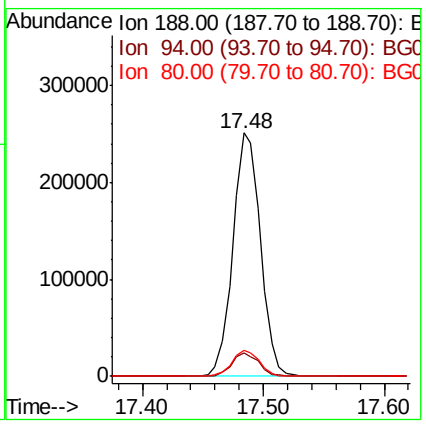




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion:188 Resp: 399674

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.2	10.8
80	10.7	7.7	11.5



Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

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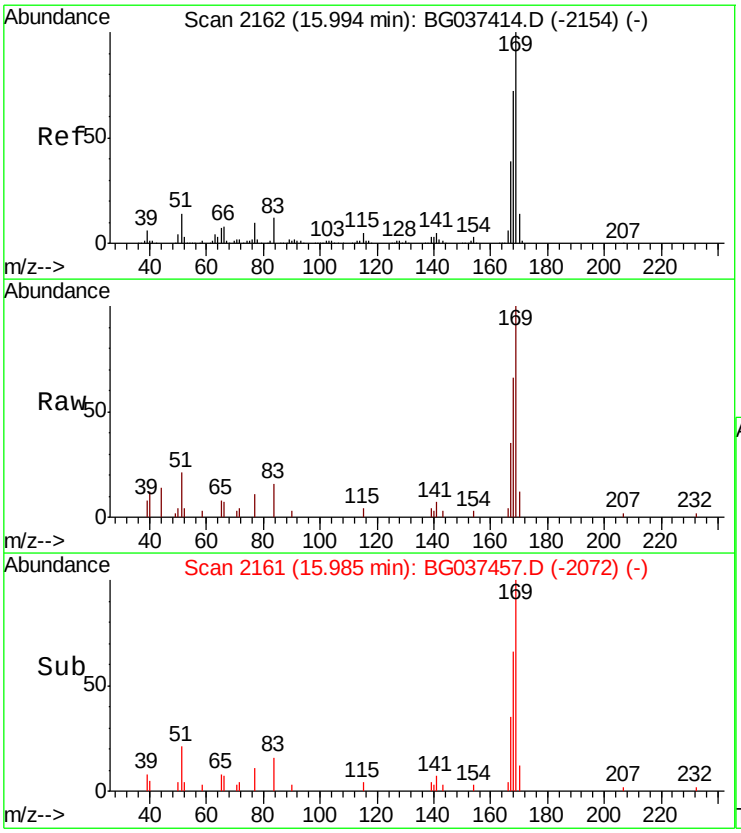
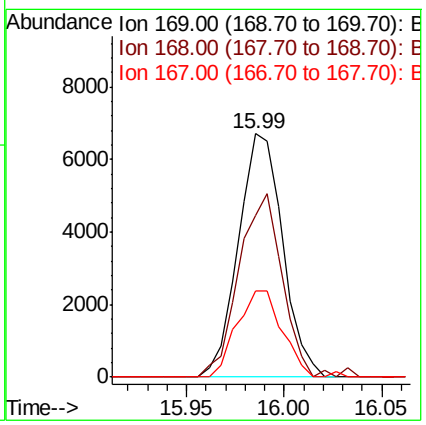
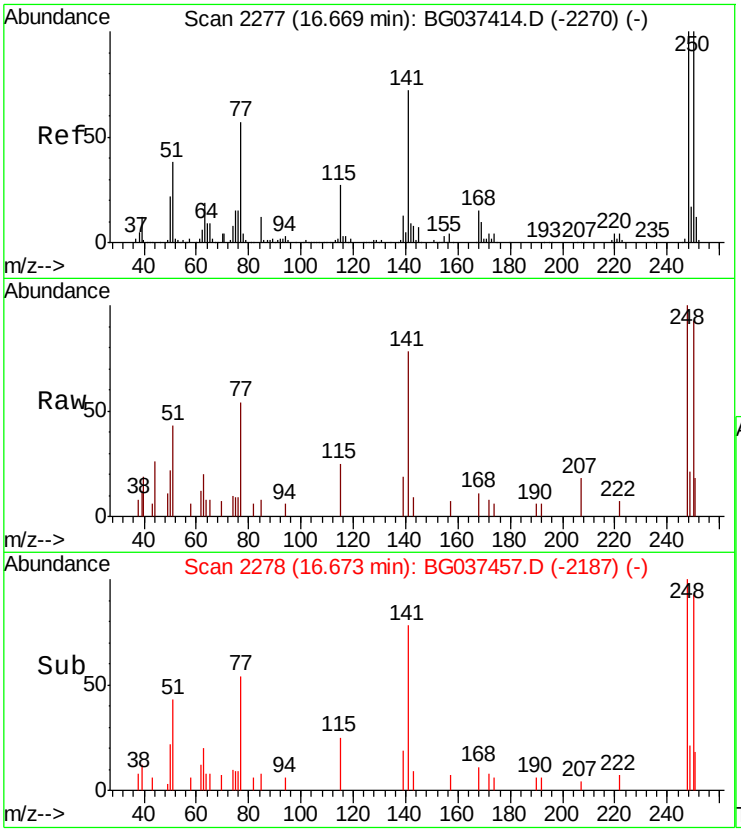


#66
n-Nitrosodiphenylamine
Concen: 0.874 ng
RT: 15.99 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion:169 Resp: 10513

Ion	Ratio	Lower	Upper
169	100		
168	66.2	55.7	83.5
167	35.4	31.3	46.9

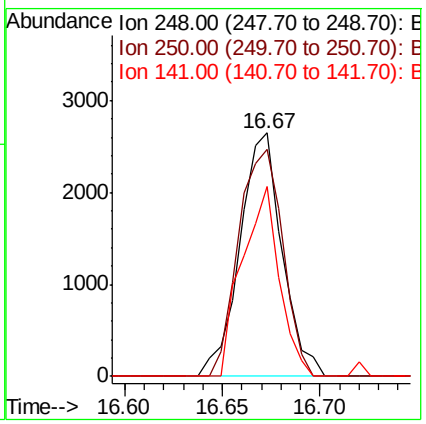




#67
4-Bromophenyl-phenylether
Concen: 0.906 ng
RT: 16.67 min Scan# 2278
Delta R.T. 0.00 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion:248 Resp: 3975

Ion	Ratio	Lower	Upper
248	100		
250	111.7	77.0	115.6
141	77.8	55.5	83.3



Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

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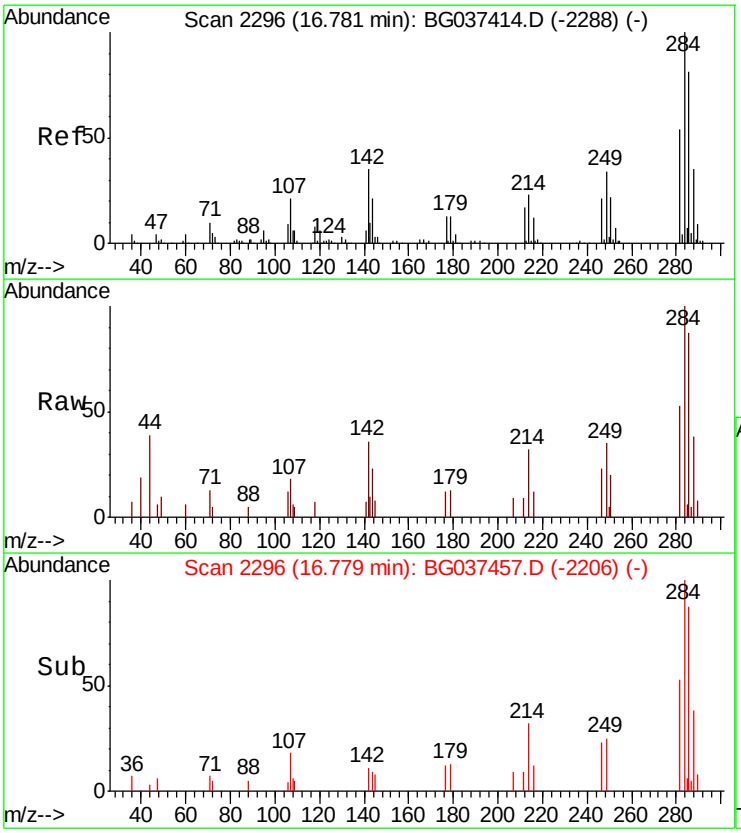
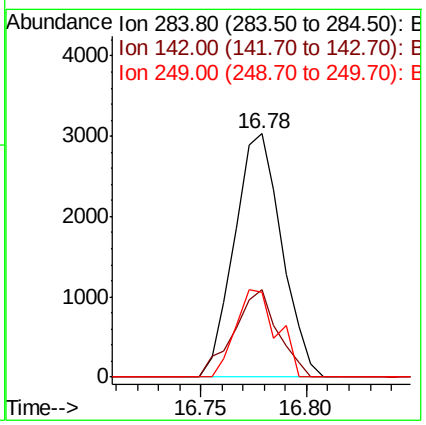
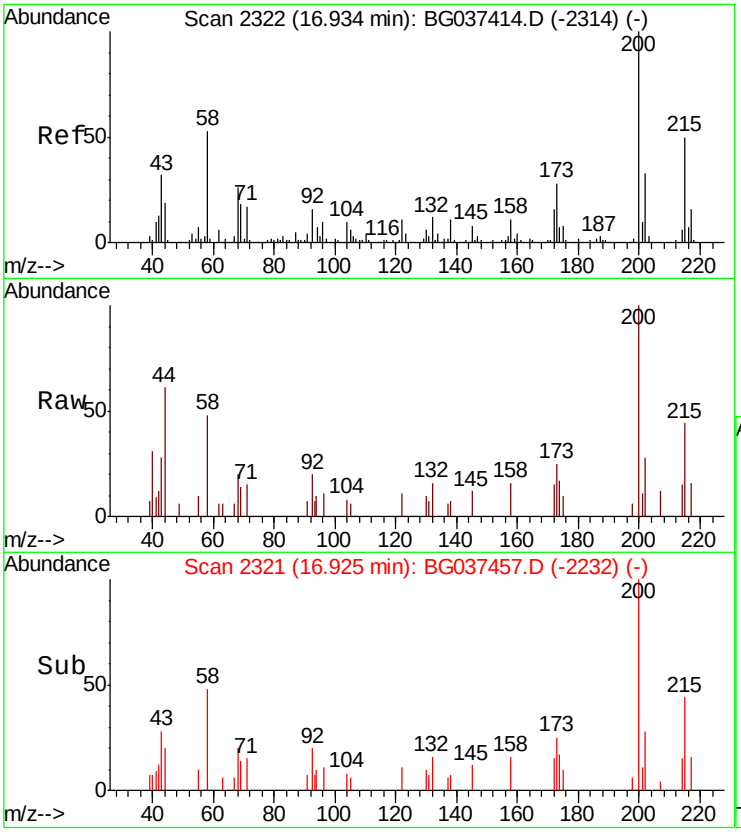


#68
Hexachlorobenzene
Concen: 1.035 ng
RT: 16.78 min Scan# 2296
Delta R.T. -0.00 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion:284 Resp: 4710

Ion	Ratio	Lower	Upper
284	100		
142	35.7	28.1	42.1
249	40.1	29.8	44.8

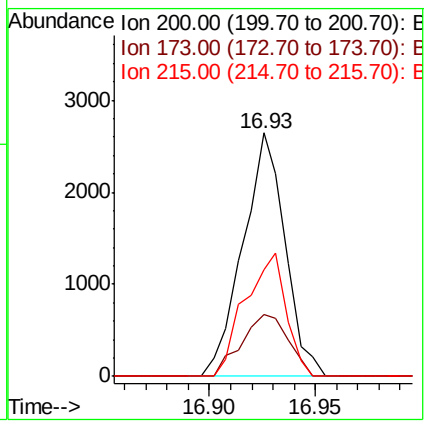




#69
Atrazine
Concen: 0.841 ng
RT: 16.93 min Scan# 2321
Delta R.T. -0.01 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion:200 Resp: 3655

Ion	Ratio	Lower	Upper
200	100		
173	25.2	6.1	46.1
215	43.9	30.8	70.8



Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

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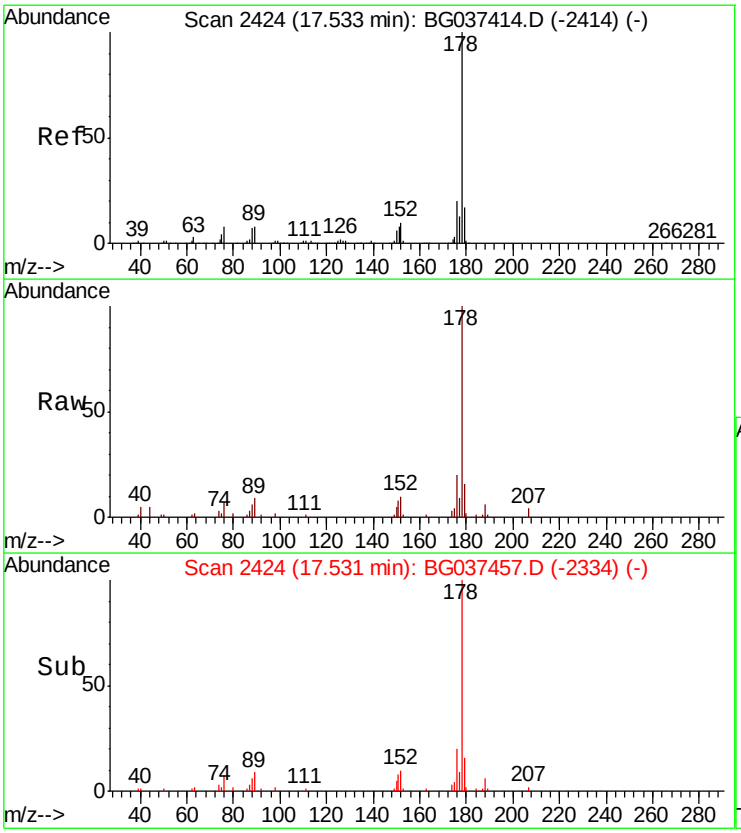
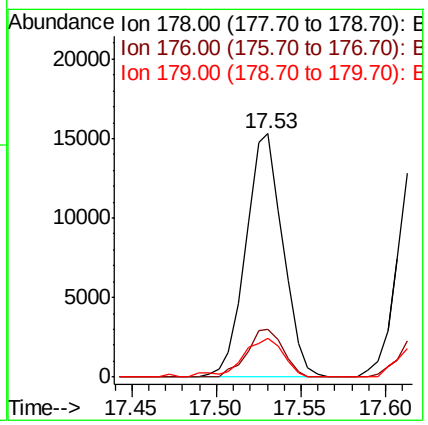
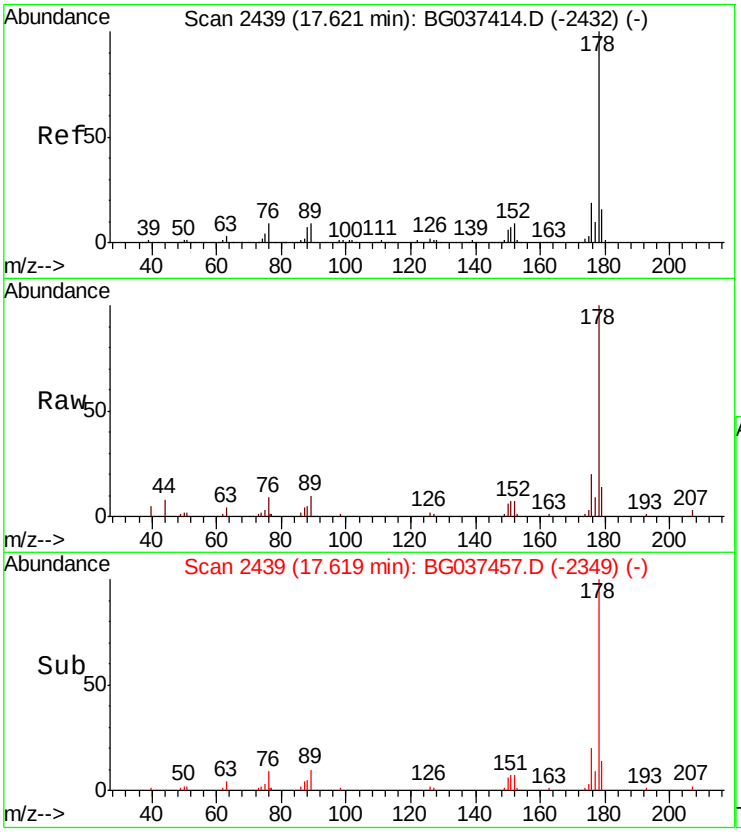


#71
Phenanthrene
Concen: 1.151 ng
RT: 17.53 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion:178 Resp: 23385

Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.1	24.1
179	16.1	13.0	19.4

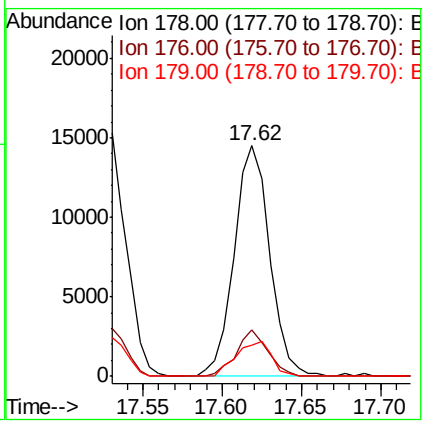




#72
Anthracene
Concen: 1.130 ng
RT: 17.62 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion:178 Resp: 22519

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.0	22.4
179	13.7	12.8	19.2



Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

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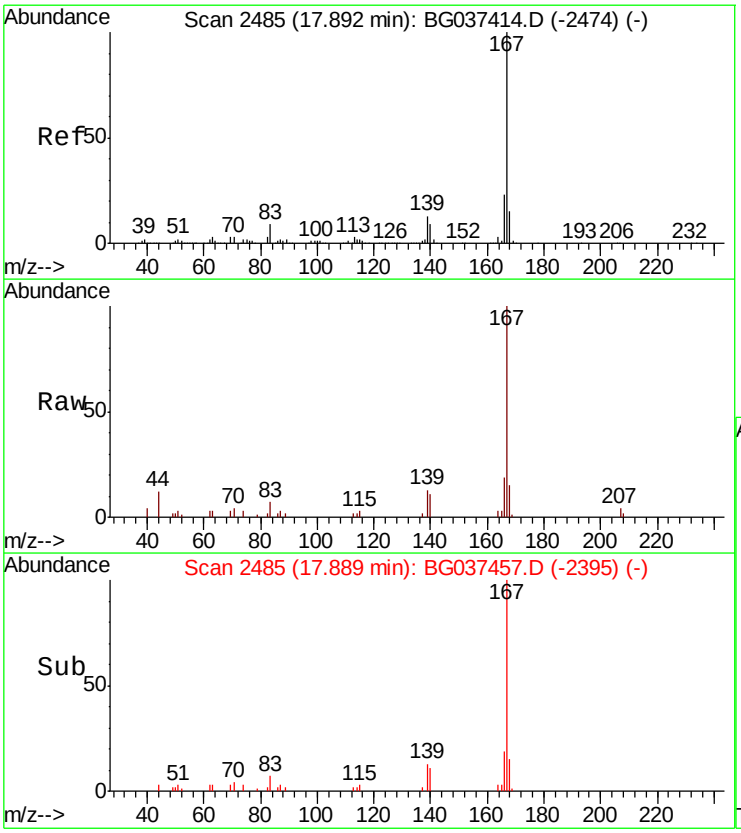
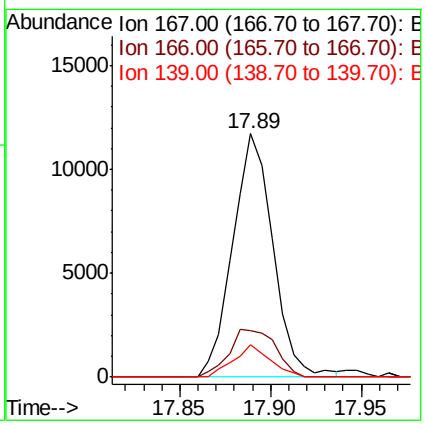
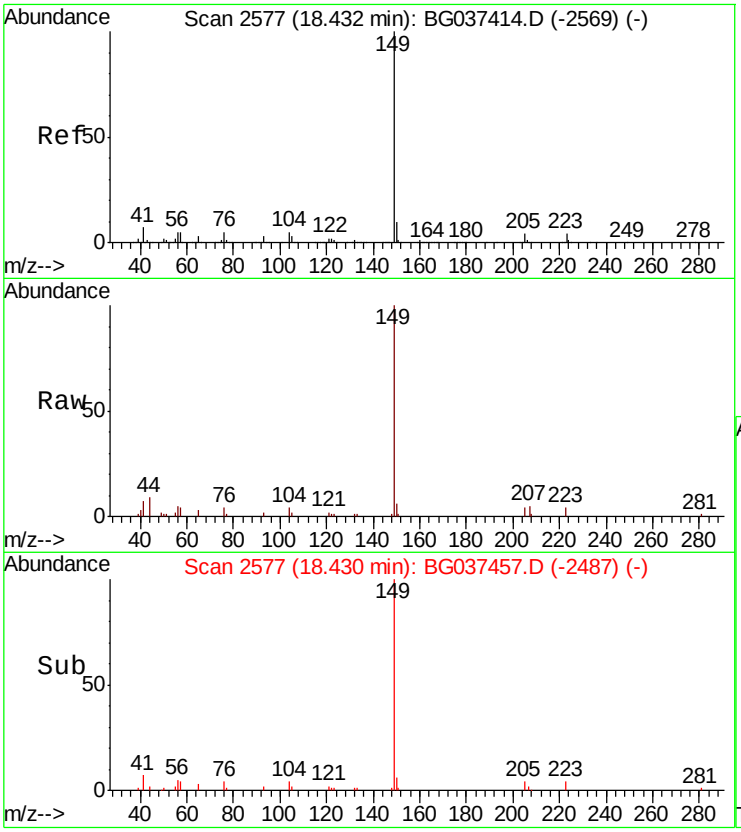


#73
Carbazole
Concen: 0.906 ng
RT: 17.89 min Scan# 2485
Delta R.T. -0.00 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion:167 Resp: 18073

Ion	Ratio	Lower	Upper
167	100		
166	19.1	18.3	27.5
139	13.5	10.5	15.7





#74
Di-n-butylphthalate
Concen: 0.877 ng
RT: 18.43 min Scan# 2577
Delta R.T. -0.00 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion:149 Resp: 19458

Ion	Ratio	Lower	Upper
149	100		
150	6.5	8.2	12.2#
104	4.1	4.0	6.0

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

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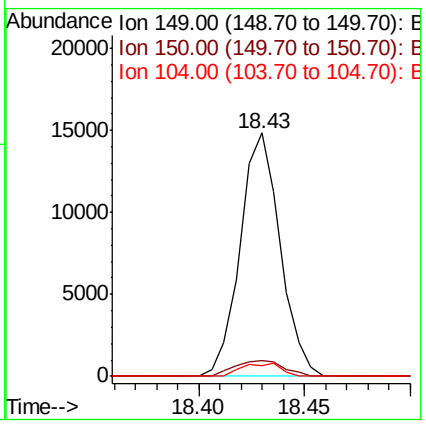
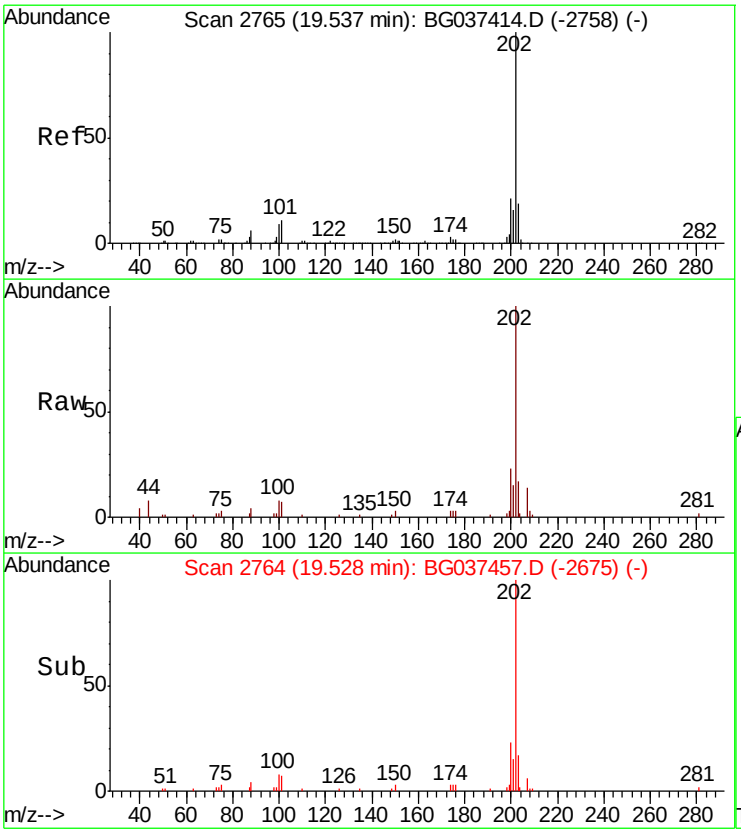
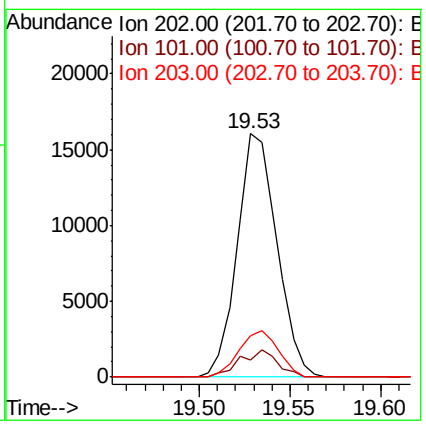


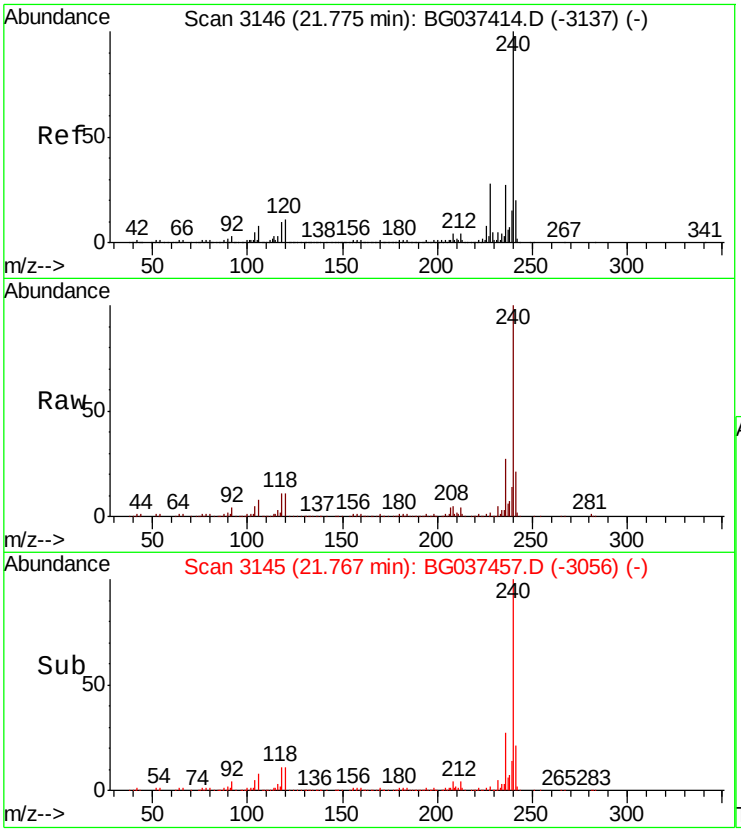


#75
Fluoranthene
Concen: 1.057 ng
RT: 19.53 min Scan# 2764
Delta R.T. -0.01 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion:202 Resp: 24359

Ion	Ratio	Lower	Upper
202	100		
101	7.3	0.0	30.7
203	17.2	0.0	38.5

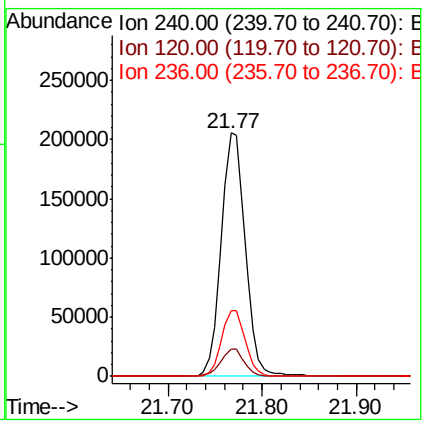




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion:240 Resp: 367511

Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.1	12.1
236	27.1	21.4	32.0



Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

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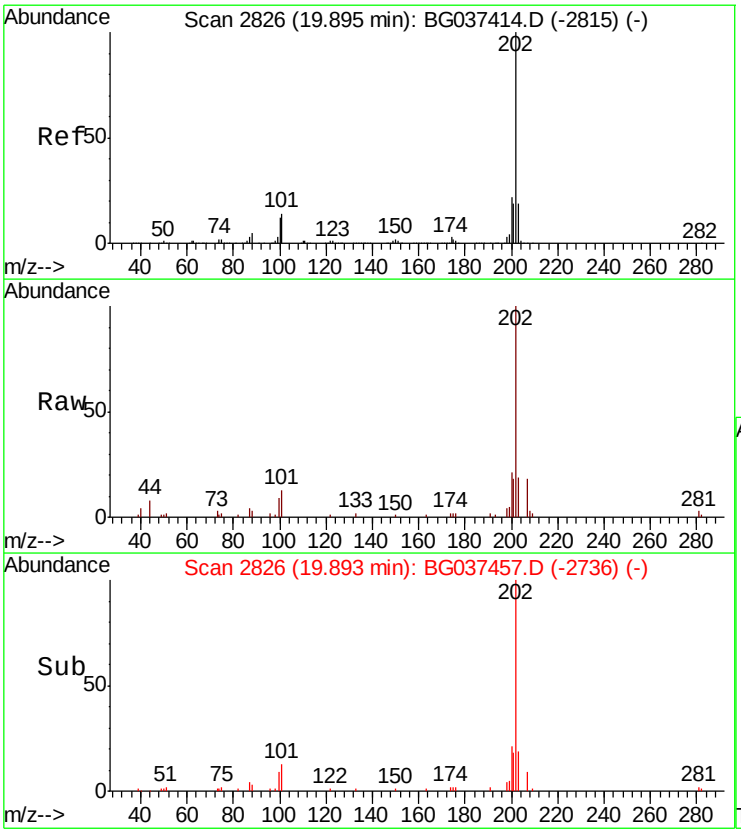
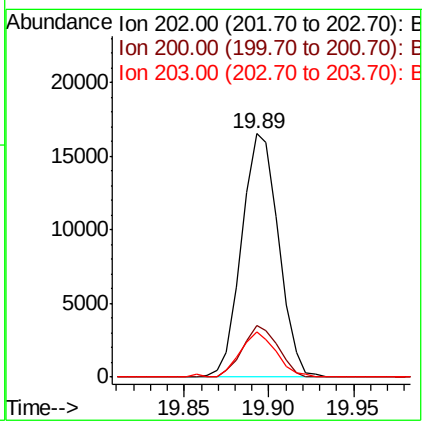
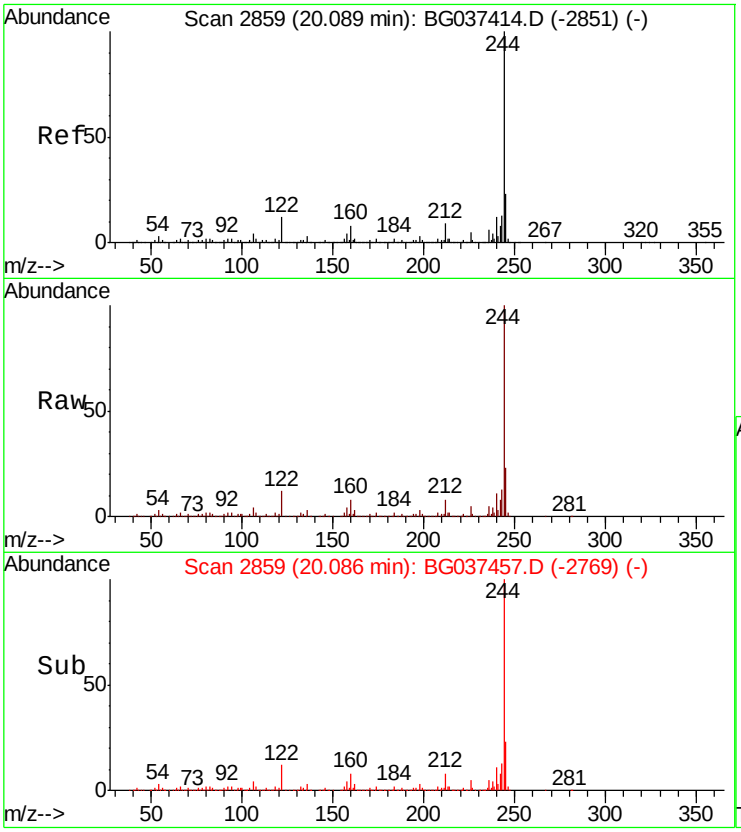


#78
Pyrene
Concen: 1.046 ng
RT: 19.89 min Scan# 2826
Delta R.T. -0.00 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion:202 Resp: 25134

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.8	26.6
203	18.6	15.2	22.8

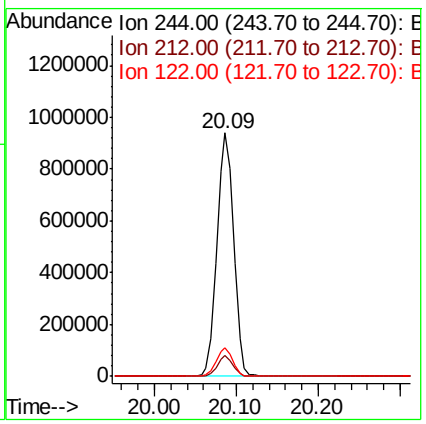




#79
Terphenyl-d14
Concen: 78.088 ng
RT: 20.09 min Scan# 2859
Delta R.T. -0.00 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion:244 Resp: 1343062

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.5	9.7
122	11.8	9.0	13.4



Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

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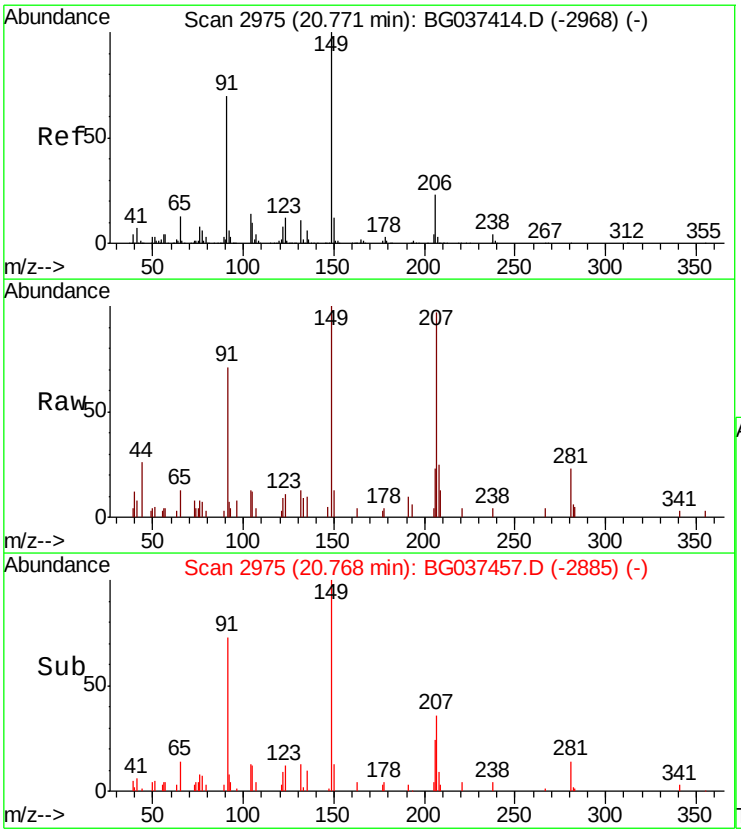
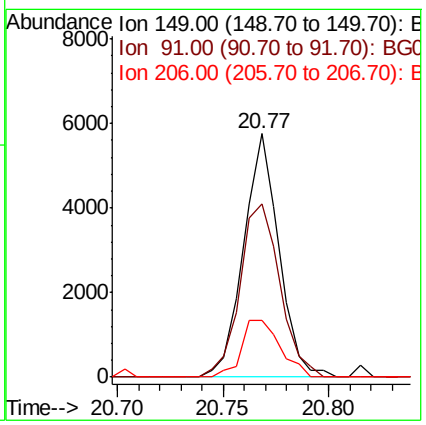
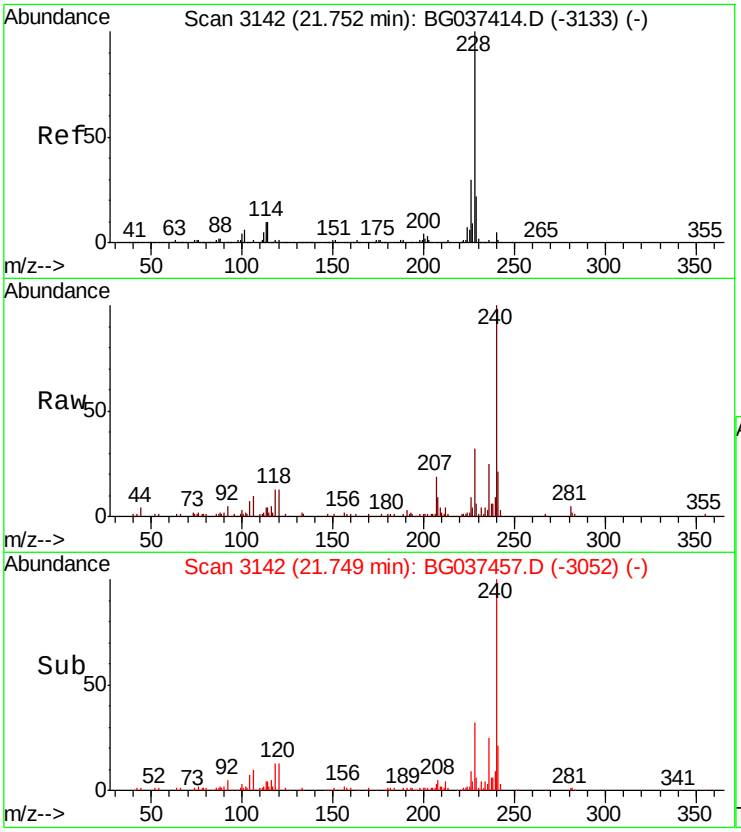


#80
Butylbenzylphthalate
Concen: 0.680 ng
RT: 20.77 min Scan# 2975
Delta R.T. -0.00 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion:149 Resp: 6689

Ion	Ratio	Lower	Upper
149	100		
91	71.3	57.0	85.4
206	23.3	17.8	26.6

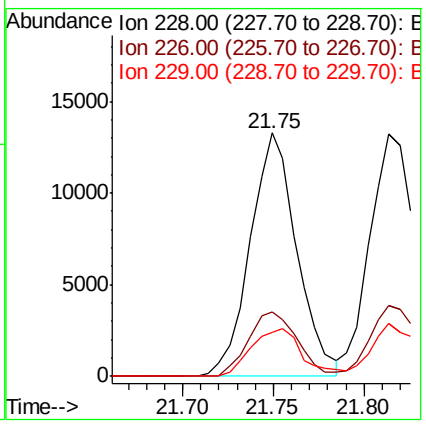




#81
Benzo(a)anthracene
Concen: 1.092 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion:228 Resp: 23729

Ion	Ratio	Lower	Upper
228	100		
226	26.5	22.6	33.8
229	18.1	16.3	24.5



Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

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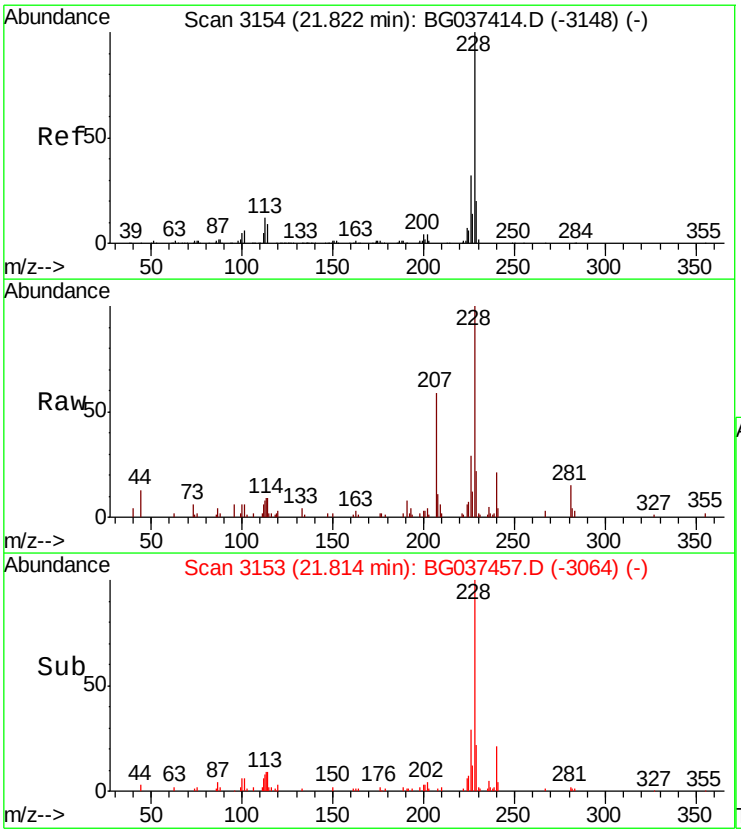
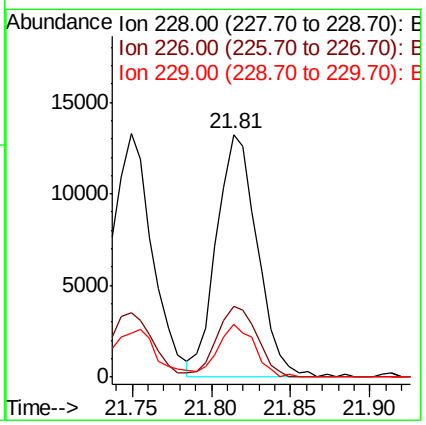
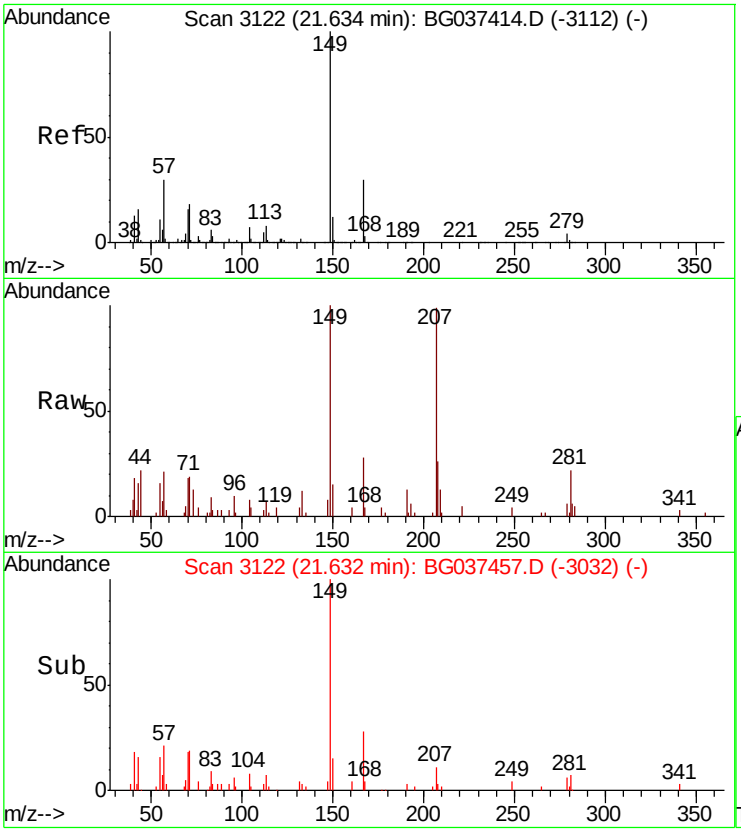


#83
Chrysene
Concen: 1.133 ng
RT: 21.81 min Scan# 3153
Delta R.T. -0.01 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion:228 Resp: 23687

Ion	Ratio	Lower	Upper
228	100		
226	29.3	25.7	38.5
229	21.8	16.5	24.7





#84
Bis(2-ethylhexyl)phthalate
Concen: 0.753 ng
RT: 21.63 min Scan# 3122
Delta R.T. -0.00 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion:149 Resp: 10383

Ion	Ratio	Lower	Upper
149	100		
167	27.6	23.0	34.4
279	5.7	3.6	5.4#

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

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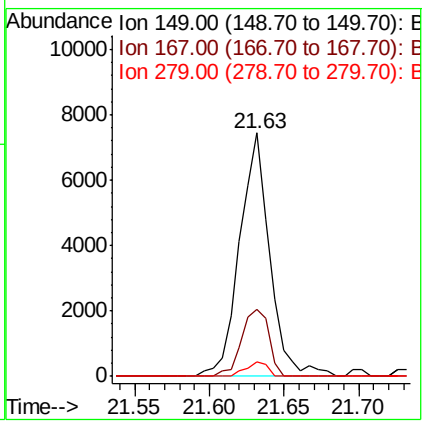
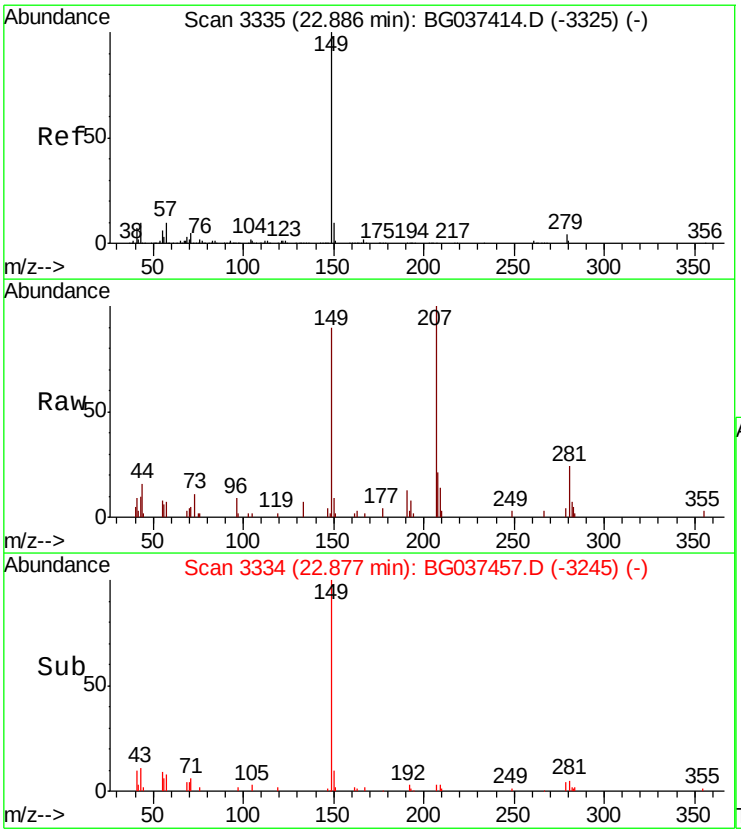
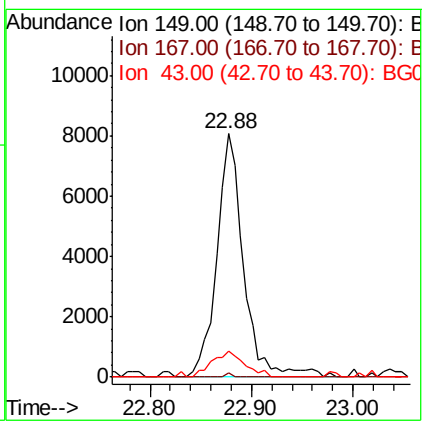


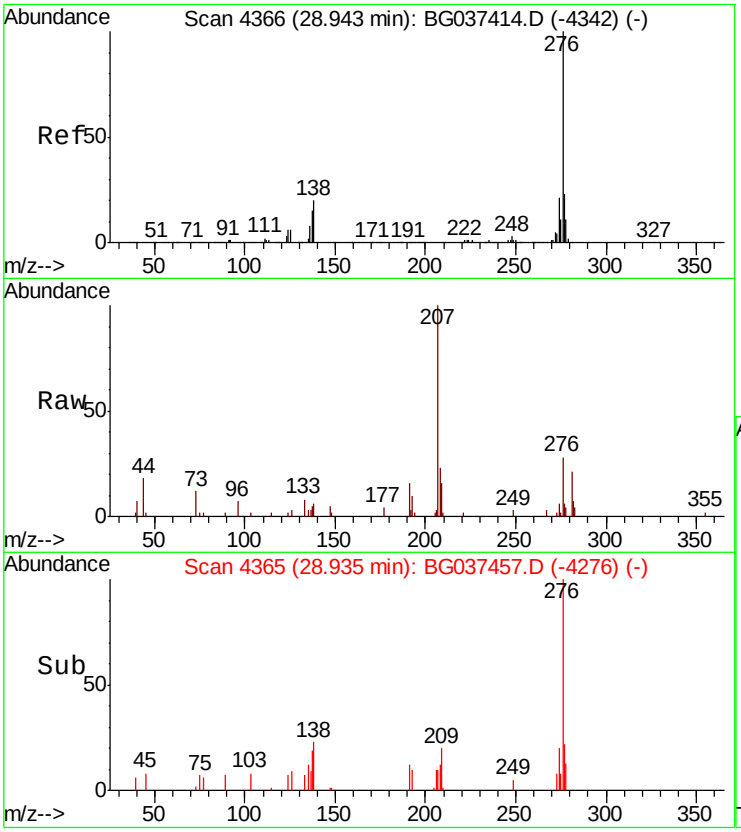


#85
Di-n-octyl phthalate
Concen: 0.656 ng
RT: 22.88 min Scan# 3334
Delta R.T. -0.01 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion:149 Resp: 14734

Ion	Ratio	Lower	Upper
149	100		
167	0.4	1.3	1.9#
43	13.0	8.7	13.1





#86
Indeno(1,2,3-cd)pyrene
Concen: 0.582 ng
RT: 28.93 min Scan# 4365
Delta R.T. -0.01 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion:276 Resp: 13038

Ion	Ratio	Lower	Upper
276	100		
138	6.5	12.0	18.0#
277	16.3	20.6	30.8#

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

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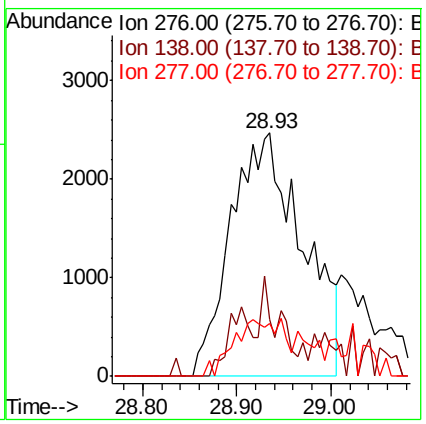
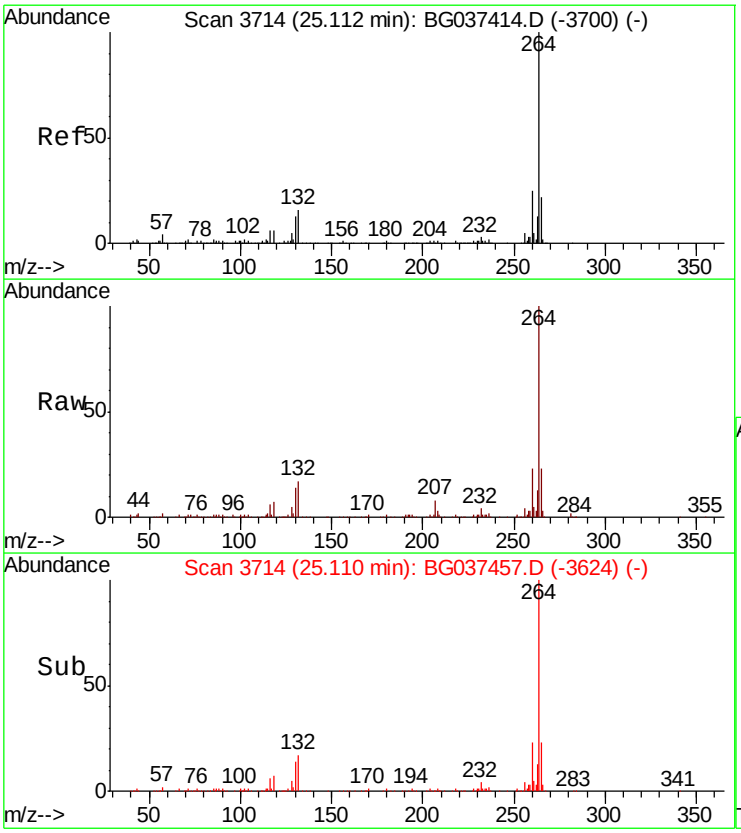
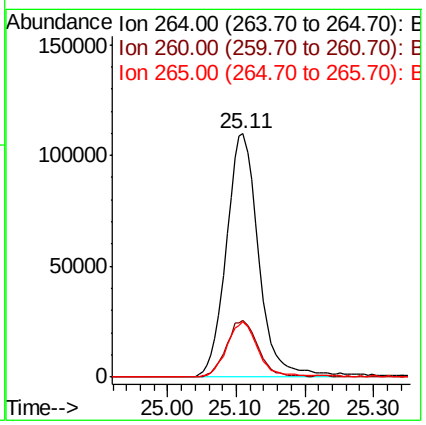


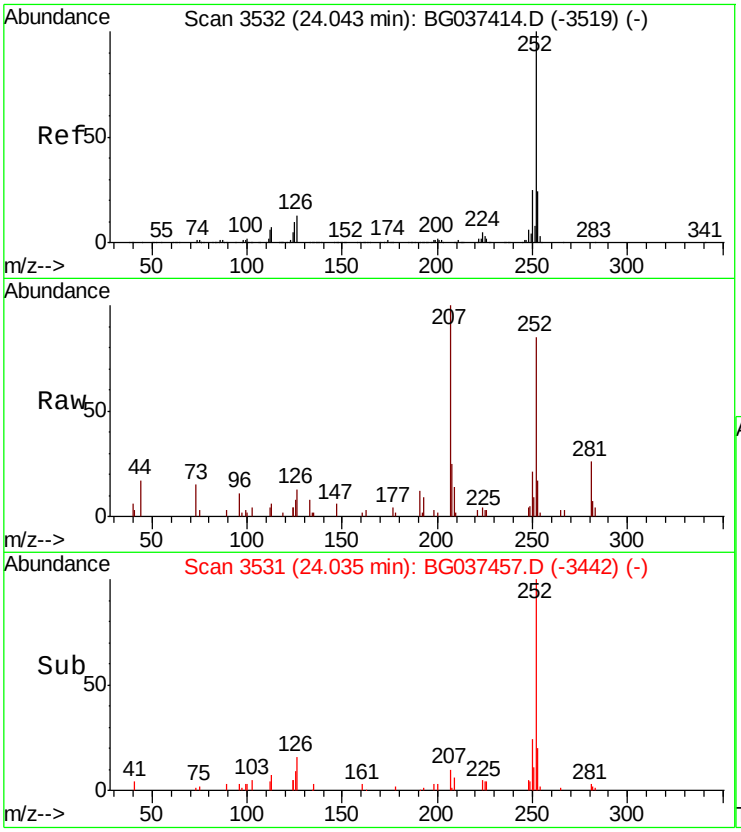


#87
Perylene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3714
Delta R.T. -0.00 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion:264 Resp: 358742

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.4
265	22.6	17.9	26.9





#88
Benzo(b)fluoranthene
Concen: 0.998 ng
RT: 24.03 min Scan# 3531
Delta R.T. -0.01 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion:252 Resp: 19632

Ion	Ratio	Lower	Upper
252	100		
253	20.2	18.2	27.2
125	9.1	7.8	11.6

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

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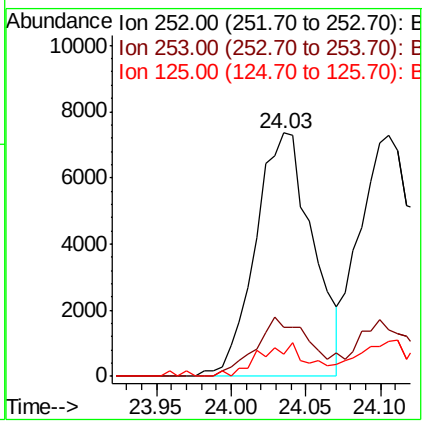
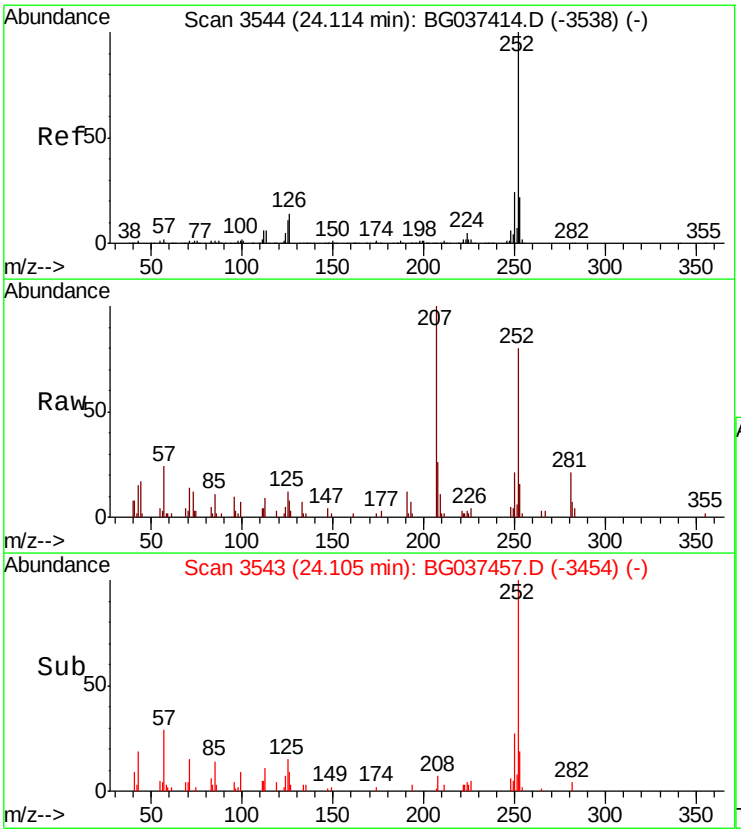
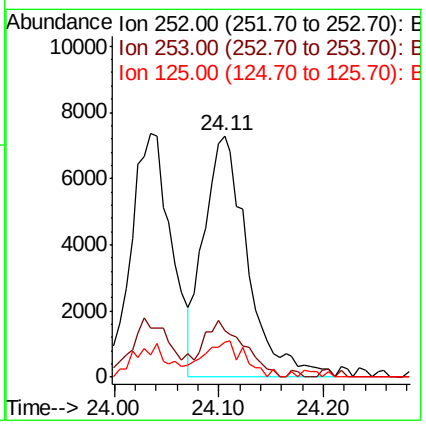


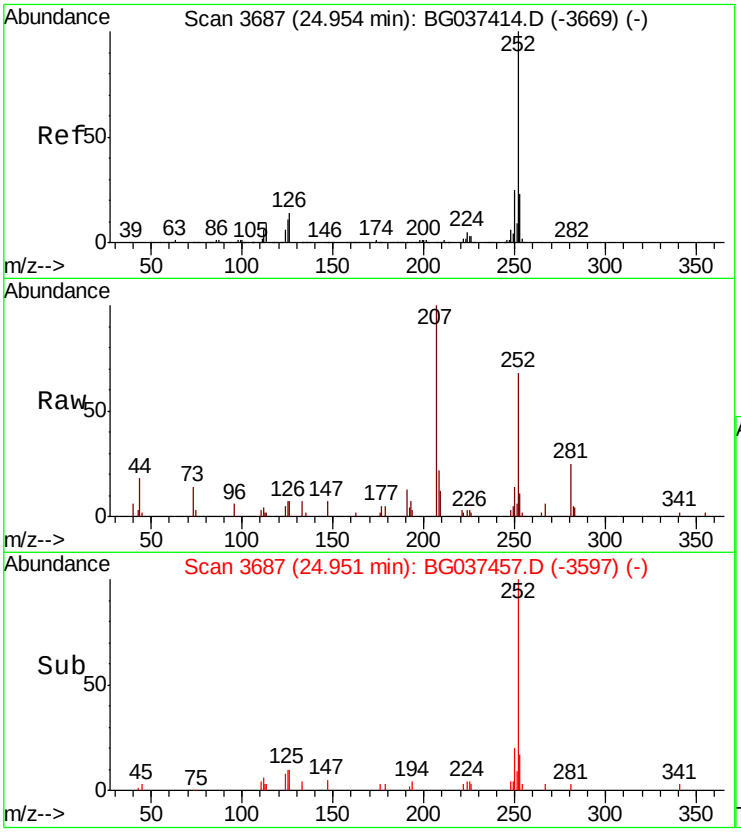


#89
Benzo(k)fluoranthene
Concen: 1.103 ng m
RT: 24.11 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion:252 Resp: 21252

Ion	Ratio	Lower	Upper
252	100		
253	19.3	17.4	26.2
125	14.6	7.4	11.0#





#90
Benzo(a)pyrene
Concen: 0.963 ng
RT: 24.95 min Scan# 3687
Delta R.T. -0.00 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion:252 Resp: 17995

Ion	Ratio	Lower	Upper
252	100		
253	16.5	17.4	26.2#
125	9.6	9.0	13.6

Instrument :
BNA_G
ClientSampleId :
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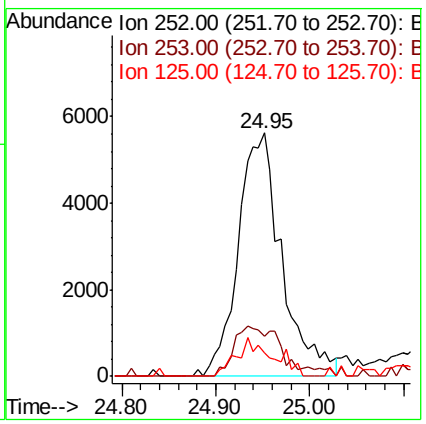
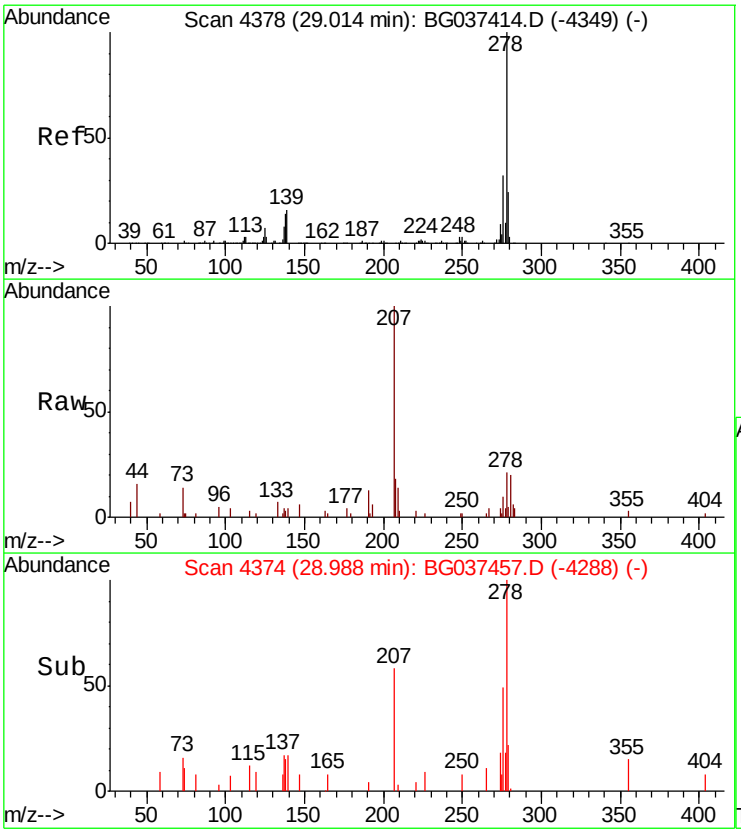
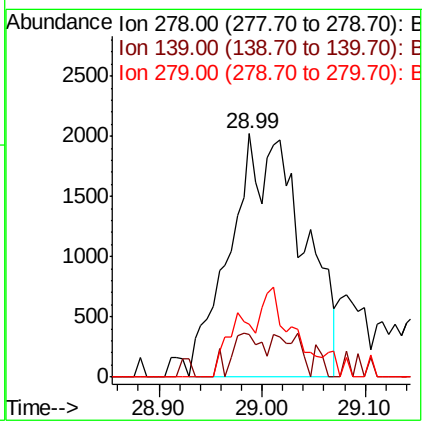


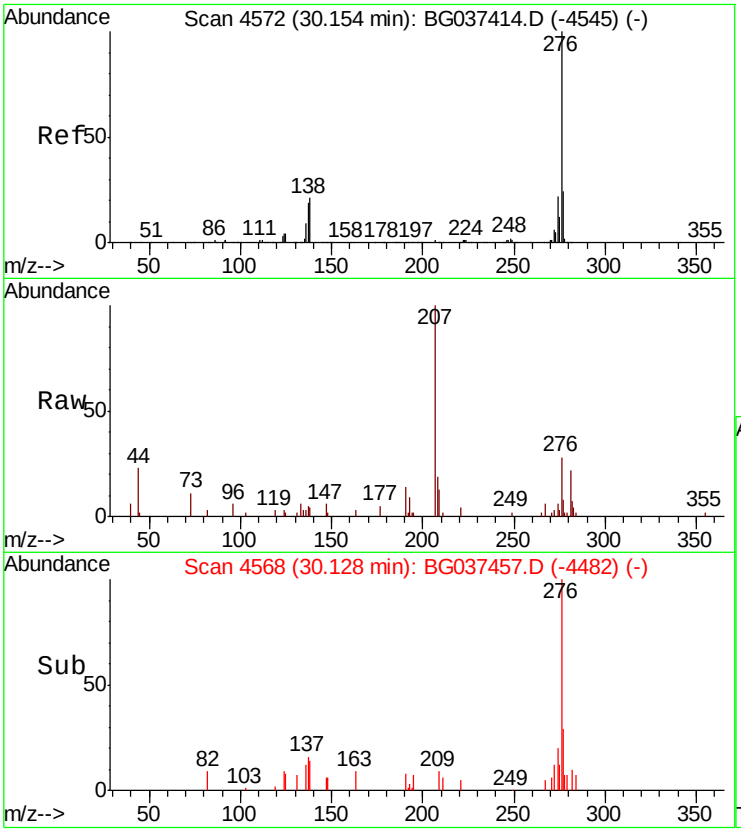


#91
Dibenzo(a,h)anthracene
Concen: 0.578 ng m
RT: 28.99 min Scan# 4374
Delta R.T. -0.03 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion:278 Resp: 9963

Ion	Ratio	Lower	Upper
278	100		
139	17.4	11.5	17.3#
279	21.7	18.6	27.8

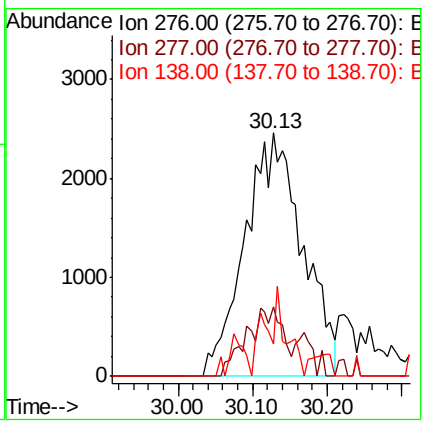




#92
Benzo(g,h,i)perylene
Concen: 0.761 ng m
RT: 30.13 min Scan# 4568
Delta R.T. -0.03 min
Lab File: BG037457.D
Acq: 19 Oct 2018 17:15

Tgt Ion:276 Resp: 13264

Ion	Ratio	Lower	Upper
276	100		
277	28.8	18.9	28.3#
138	13.5	17.2	25.8#



Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

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