Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020618\
Data File : BG032566.D
Acq On : 6 Feb 2018 15:10
Operator : SJ/JU
Sample : J1161-07
Misc : LOD-W-1 ppm
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

Manual Integrations APPROVED
Sohil
2/7/2018 4:14:25 PM

Quant Time: Feb 07 11:15:48 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 18:57:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	16815	20.00	ng		0.00
21) Naphthalene-d8	11.60	136	54941	20.00	ng		0.01
38) Acenaphthene-d10	15.34	164	47932	20.00	ng		0.00
63) Phenanthrene-d10	18.08	188	121179	20.00	ng		0.00
75) Chrysene-d12	22.40	240	172875	20.00	ng		0.00
86) Perylene-d12	26.08	264	183145	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.15	112	126524	151.13	ng		0.01
7) Phenol-d6	7.83	99	146965	131.56	ng		0.01
23) Nitrobenzene-d5	9.91	82	90001	102.32	ng		0.00
41) 2,4,6-Tribromophenol	16.82	330	133883	146.74	ng		0.00
44) 2-Fluorobiphenyl	13.97	172	374788	92.94	ng		0.00
78) Terphenyl-d14	20.61	244	759929	94.16	ng		0.00
Target Compounds							Qvalue
6) Aniline	8.02	93	495	0.355	ng	#	62
8) 2-Chlorophenol	8.27	128	1369	1.383	ng	#	78
9) Benzaldehyde	7.82	77	920	1.594	ng	#	76
10) Phenol	7.86	94	1597	1.505	ng	#	6
11) bis(2-Chloroethyl)ether	8.11	93	1137	1.407	ng	#	51
12) 1,3-Dichlorobenzene	8.60	146	1868	1.396	ng	#	82
13) 1,4-Dichlorobenzene	8.76	146	2034	1.516	ng	#	86
14) 1,2-Dichlorobenzene	9.08	146	1609m	1.225	ng		
15) Benzyl Alcohol	8.96	79	696m	0.756	ng		
16) 2,2'-oxybis(1-Chloropropan	9.23	45	974m	1.272	ng		
17) 2-Methylphenol	9.17	107	947	1.099	ng	#	89
18) Hexachloroethane	9.83	117	490	1.088	ng	#	42
20) 3+4-Methylphenols	9.50	107	1318	1.091	ng	#	74
24) Nitrobenzene	9.96	77	1538	1.808	ng	#	77
31) Naphthalene	11.65	128	4518	1.684	ng	#	83
34) Hexachlorobutadiene	11.91	225	2078	2.050	ng	#	76
37) 2-Methylnaphthalene	13.22	142	4201	1.864	ng	#	81
39) 1,2,4,5-Tetrachlorobenzene	13.56	216	3721	1.659	ng	#	81
45) 1,1'-Biphenyl	14.19	154	6668	1.647	ng		82
46) 2-Chloronaphthalene	14.24	162	4991	1.572	ng	#	82
47) 2-Nitroaniline	14.45	65	505	0.719	ng	#	76
48) Acenaphthylene	15.07	152	6988	1.456	ng	#	92
49) Dimethylphthalate	14.77	163	5801	1.313	ng		98
50) 2,6-Dinitrotoluene	14.90	165	1109	1.196	ng	#	53
51) Acenaphthene	15.40	154	4437	1.333	ng		83
54) Dibenzofuran	15.74	168	7753	1.574	ng	#	94
57) Fluorene	16.38	166	5690	1.390	ng	#	96
58) 2,3,4,6-Tetrachlorophenol	15.96	232	1805	1.287	ng	#	46
59) Diethylphthalate	16.11	149	5852	1.360	ng		93
62) Azobenzene	16.65	77	3794	1.475	ng		95
65) n-Nitrosodiphenylamine	16.57	169	5226	1.445	ng		88
66) 4-Bromophenyl-phenylether	17.25	248	3017	1.681	ng	#	79
67) Hexachlorobenzene	17.38	284	3302	1.662	ng	#	78
68) Atrazine	17.49	200	2317	1.492	ng		97

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Misc : LOD-W-1 ppm
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

Manual Integrations APPROVED
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Quant Time: Feb 07 11:15:48 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 18:57:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
70) Phenanthrene	18.12	178	10650m	1.576	ng		
71) Anthracene	18.21	178	10817	1.608	ng		97
72) Carbazole	18.48	167	9346	1.572	ng		97
73) Di-n-butylphthalate	18.97	149	9499	1.443	ng	#	95
74) Fluoranthene	20.09	202	14587	1.646	ng		95
77) Pyrene	20.44	202	15875	1.497	ng		95
79) Butylbenzylphthalate	21.30	149	4789	1.432	ng		90
80) Benzo(a)anthracene	22.38	228	17035	1.589	ng		97
82) Chrysene	22.45	228	17276	1.669	ng		93
83) Bis(2-ethylhexyl)phthalate	22.22	149	7226	1.524	ng	#	98
84) Di-n-octyl phthalate	23.59	149	10482	1.394	ng	#	93
85) Indeno(1,2,3-cd)pyrene	30.31	276	21169	1.617	ng	#	55
87) Benzo(b)fluoranthene	24.90	252	17374	1.570	ng	#	96
88) Benzo(k)fluoranthene	24.97	252	18287	1.668	ng	#	94
89) Benzo(a)pyrene	25.90	252	16385	1.553	ng	#	92
90) Dibenzo(a,h)anthracene	30.40	278	16554	1.534	ng	#	93
91) Benzo(g,h,i)perylene	31.65	276	16479	1.538	ng	#	81

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

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LOD-MDL-WATER-01-QT1-2018

Manual Integrations APPROVED
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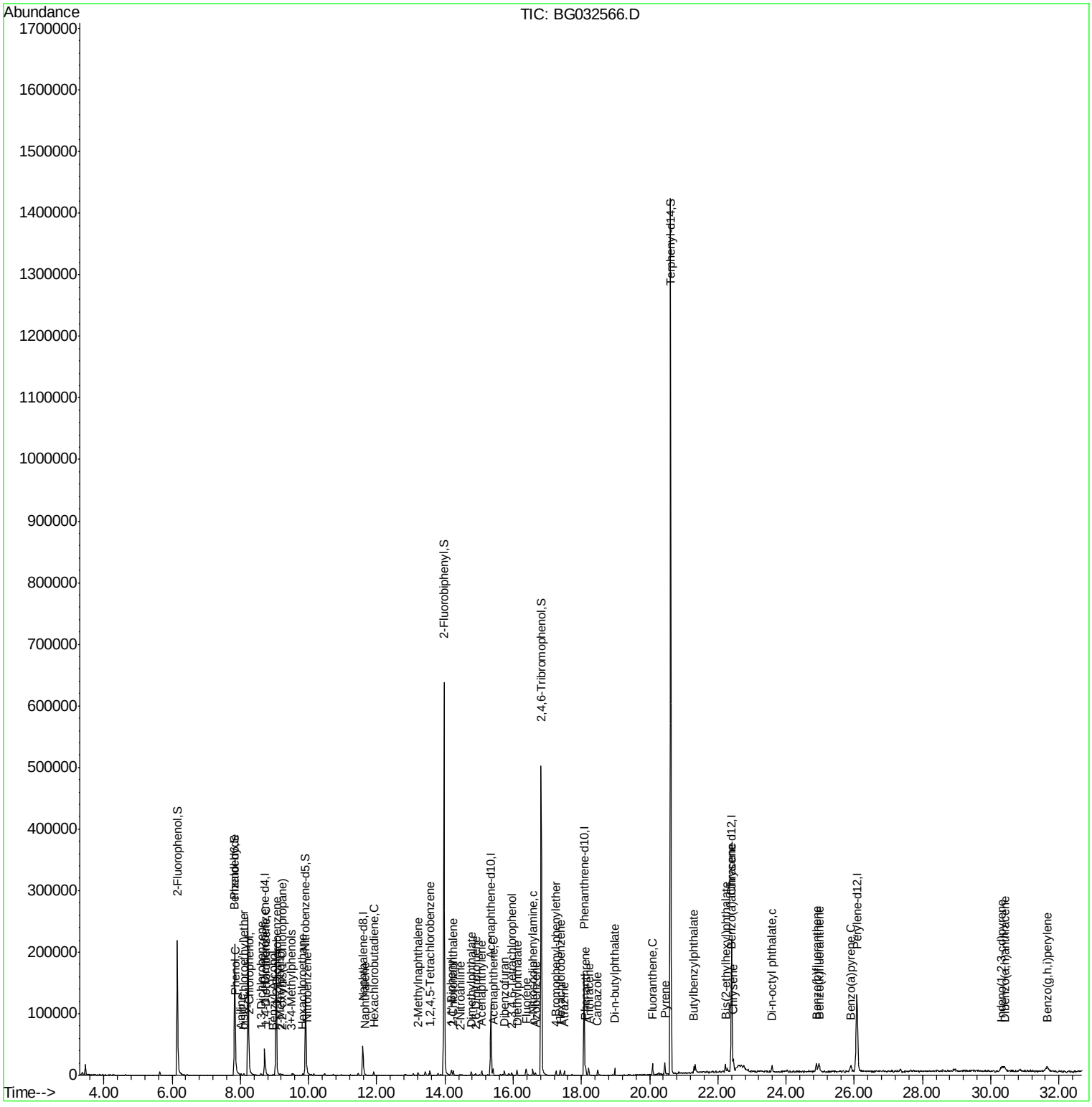
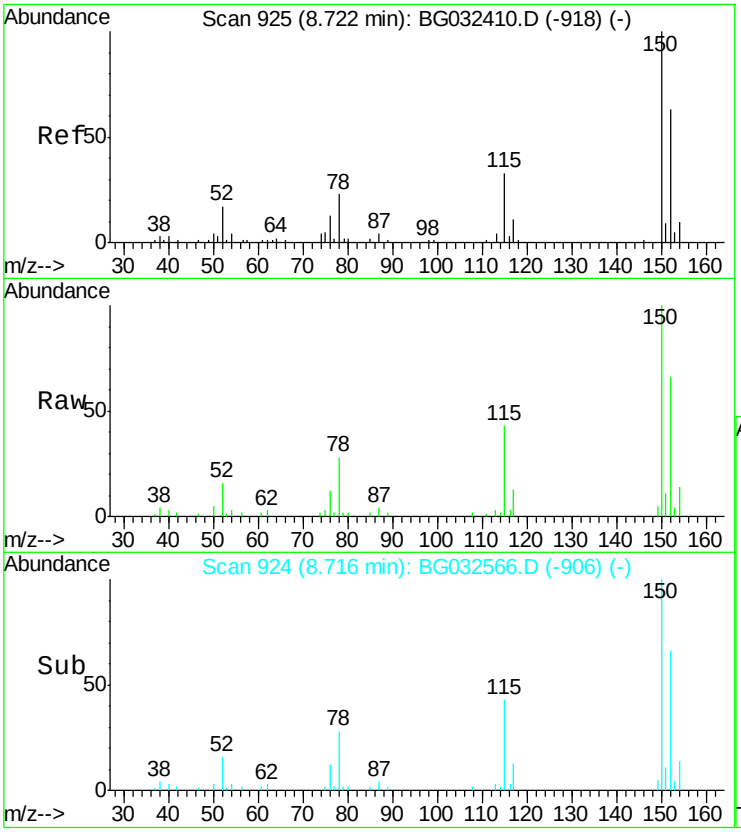
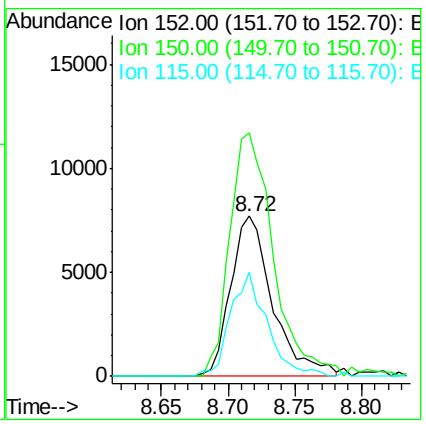




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 924
Delta R.T. 0.01 min
Lab File: BG032566.D
Acq: 6 Feb 2018 15:10

Tgt Ion:152 Resp: 16815

Ion	Ratio	Lower	Upper
152	100		
150	151.8	126.6	189.8
115	64.7	53.0	79.4



Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

Manual Integrations APPROVED
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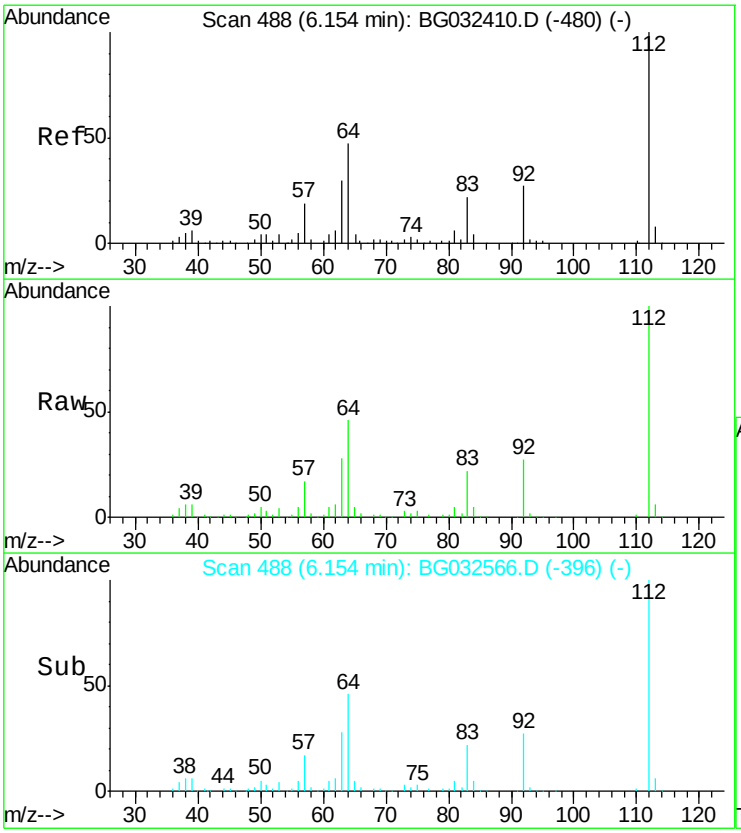
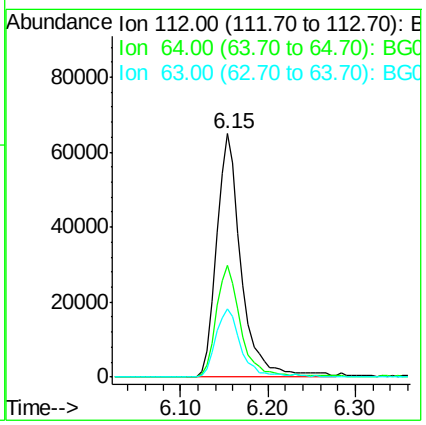
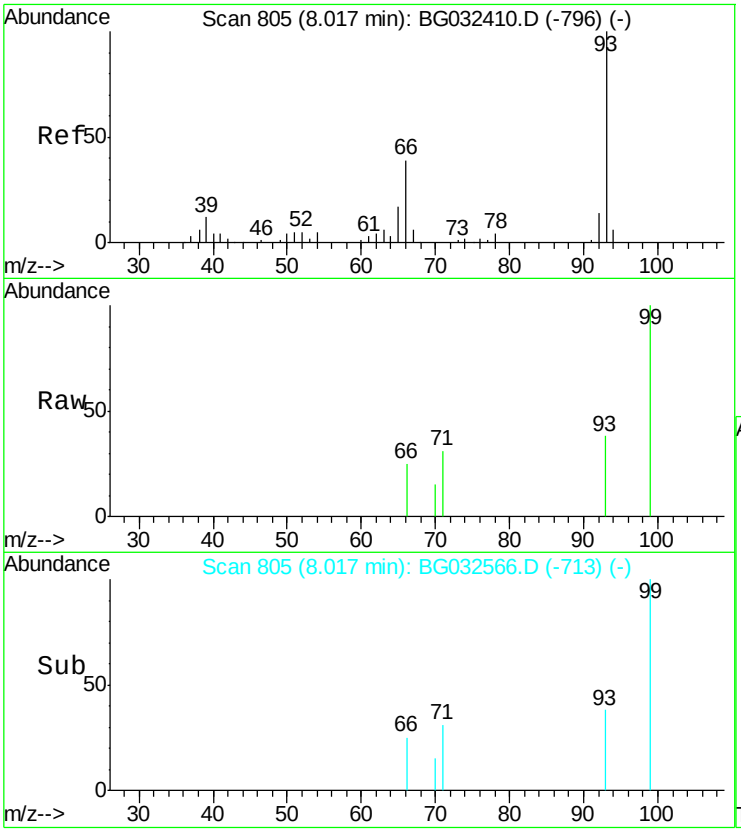


#5
2-Fluorophenol
Concen: 151.133 ng
RT: 6.15 min Scan# 488
Delta R.T. 0.01 min
Lab File: BG032566.D
Acq: 6 Feb 2018 15:10

Tgt Ion:112 Resp: 126524

Ion	Ratio	Lower	Upper
112	100		
64	45.9	56.3	84.5#
63	28.3	30.1	45.1#





#6
Aniline
Concen: 0.355 ng
RT: 8.02 min Scan# 805
Delta R.T. 0.01 min
Lab File: BG032566.D
Acq: 6 Feb 2018 15:10

Tgt Ion: 93 Resp: 495

Ion	Ratio	Lower	Upper
93	100		
66	64.7	33.7	50.5#
65	0.0	16.1	24.1#

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

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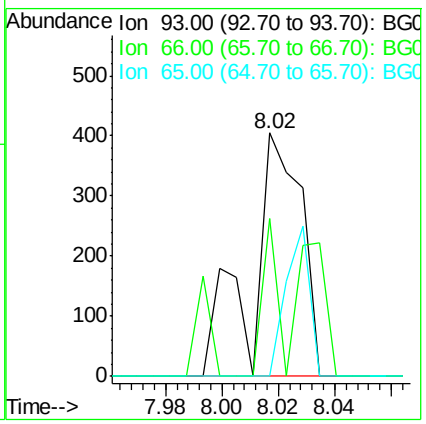
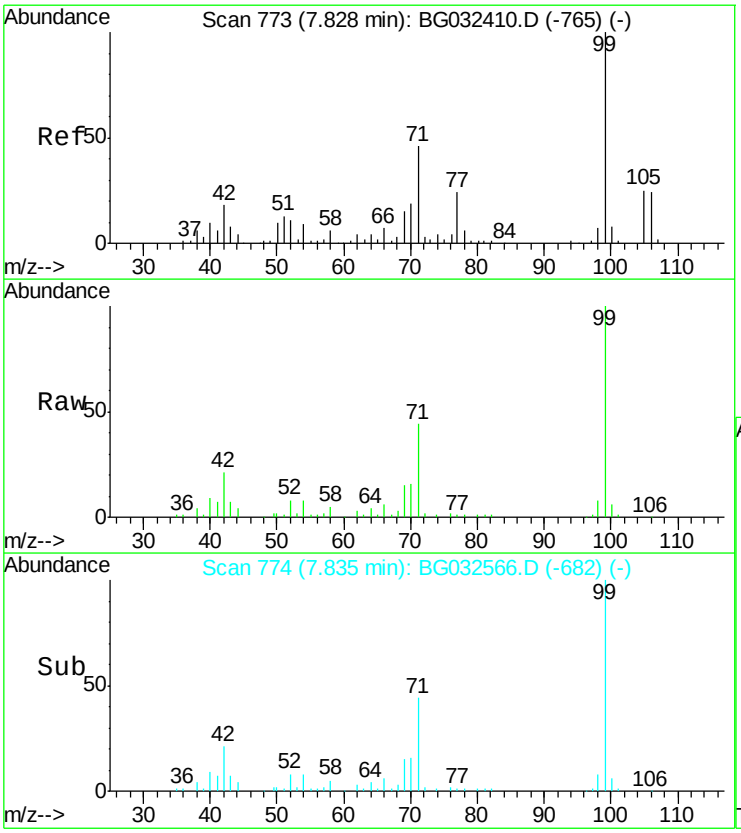
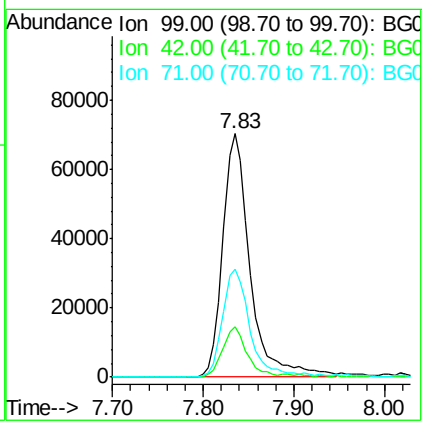


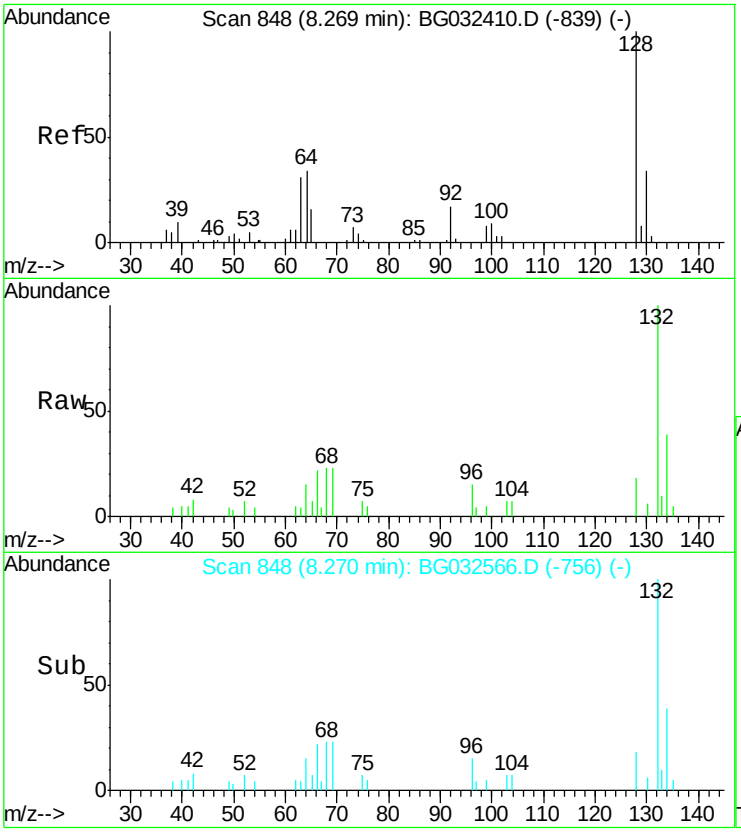


#7
Phenol-d6
Concen: 131.556 ng
RT: 7.83 min Scan# 774
Delta R.T. 0.01 min
Lab File: BG032566.D
Acq: 6 Feb 2018 15:10

Tgt Ion: 99 Resp: 146965

Ion	Ratio	Lower	Upper
99	100		
42	20.6	14.1	21.1
71	44.3	26.1	39.1#

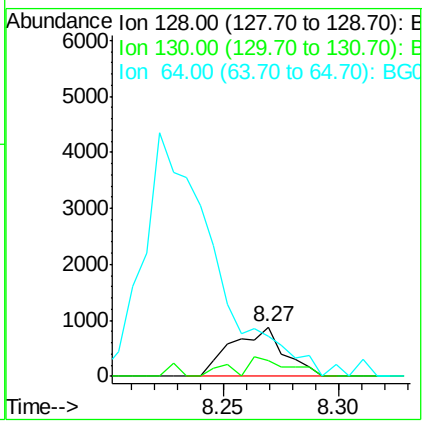




#8
2-Chlorophenol
Concen: 1.383 ng
RT: 8.27 min Scan# 848
Delta R.T. 0.01 min
Lab File: BG032566.D
Acq: 6 Feb 2018 15:10

Tgt Ion:128 Resp: 1369

Ion	Ratio	Lower	Upper
128	100		
130	32.0	14.0	54.0
64	81.5	37.7	77.7#



Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

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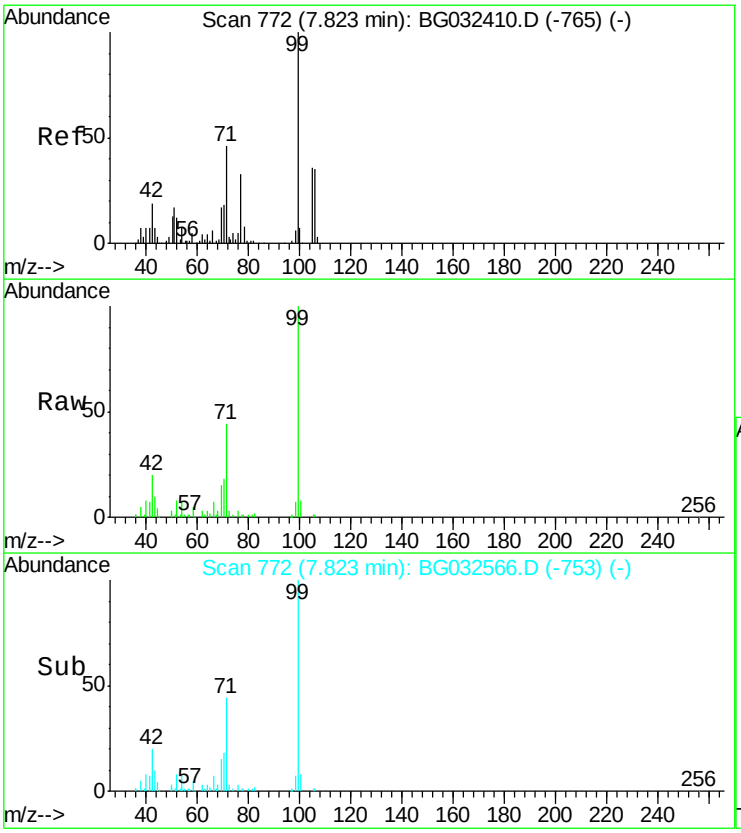
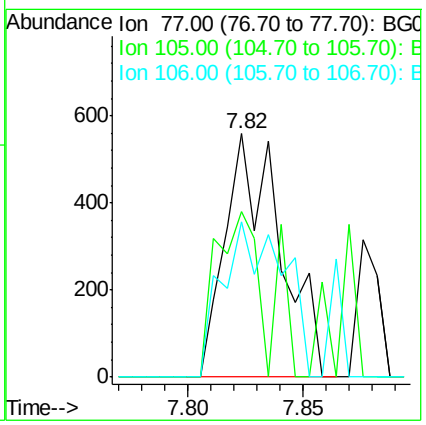
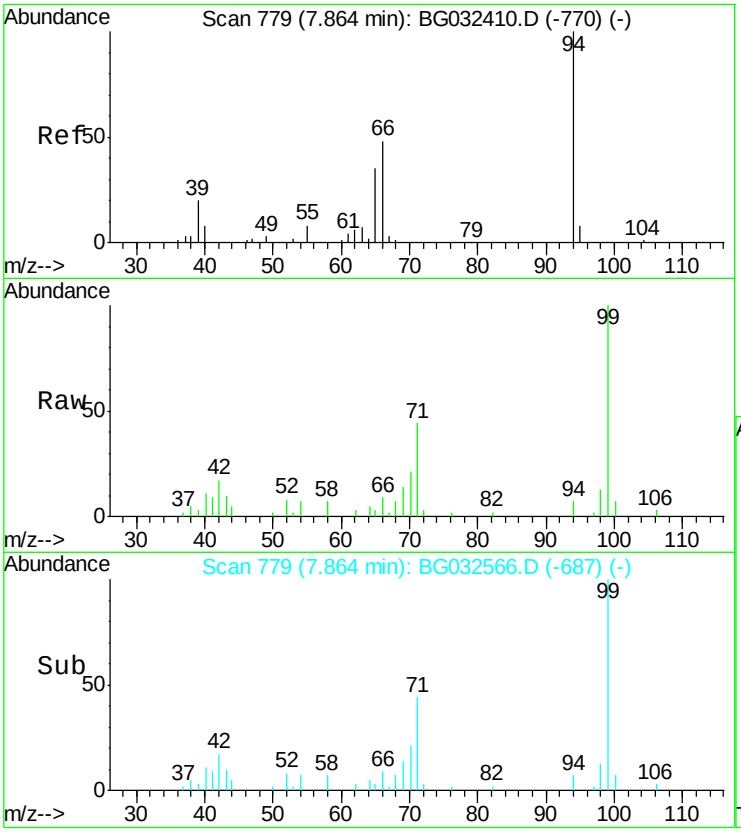


#9
Benzaldehyde
Concen: 1.594 ng
RT: 7.82 min Scan# 772
Delta R.T. 0.01 min
Lab File: BG032566.D
Acq: 6 Feb 2018 15:10

Tgt Ion: 77 Resp: 920

Ion	Ratio	Lower	Upper
77	100		
105	67.8	71.3	111.3#
106	63.9	64.2	104.2#

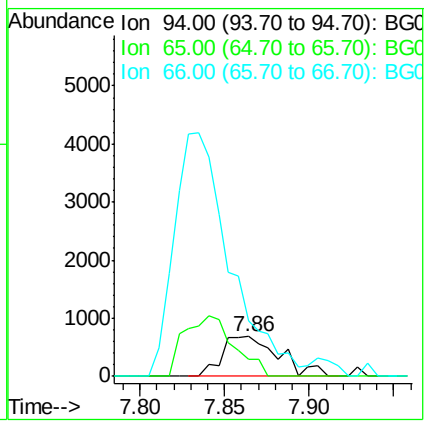




#10
Phenol
Concen: 1.505 ng
RT: 7.86 min Scan# 779
Delta R.T. 0.01 min
Lab File: BG032566.D
Acq: 6 Feb 2018 15:10

Tgt Ion: 94 Resp: 1597

Ion	Ratio	Lower	Upper
94	100		
65	43.0	11.9	51.9
66	137.8	22.2	62.2#



Instrument :
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ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

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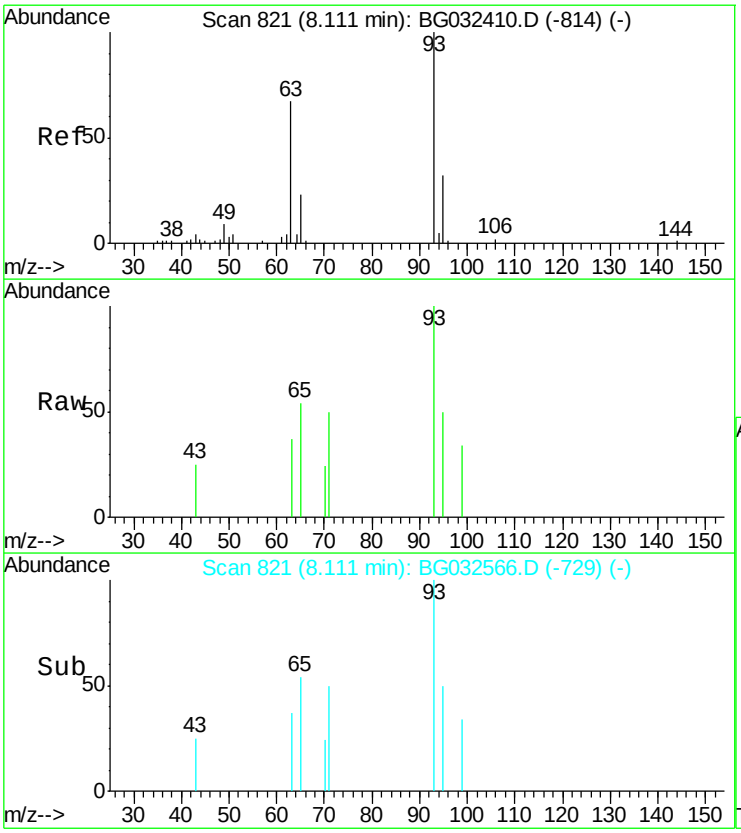
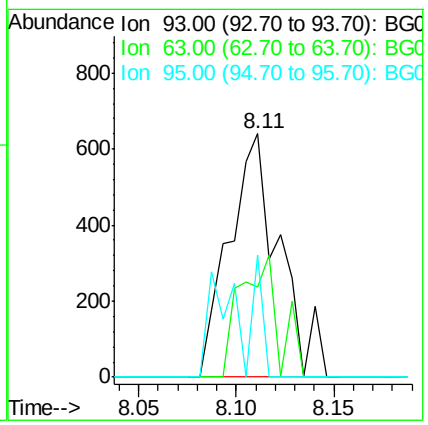
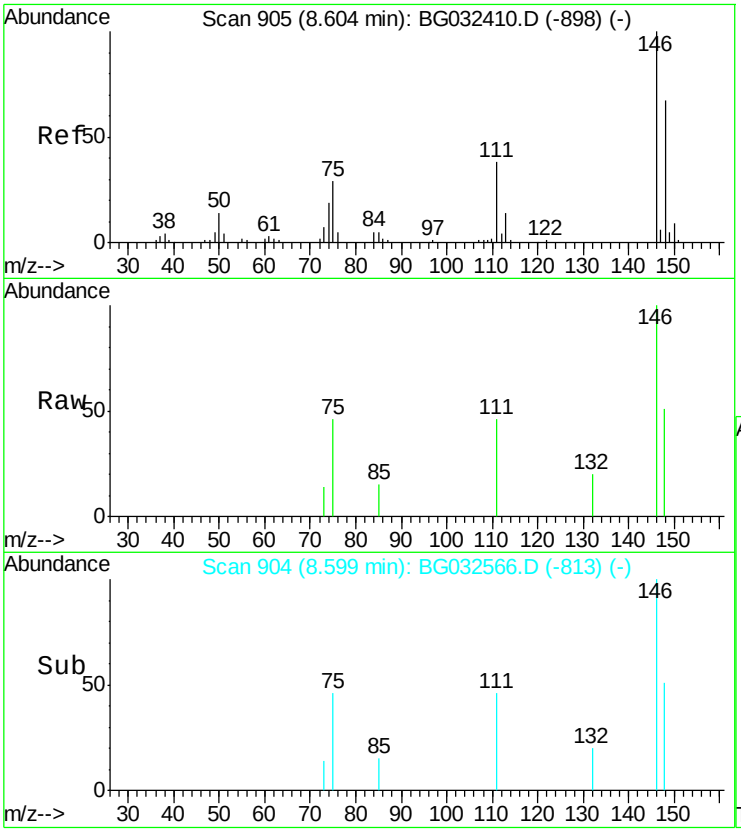


#11
bis(2-Chloroethyl)ether
Concen: 1.407 ng
RT: 8.11 min Scan# 821
Delta R.T. 0.01 min
Lab File: BG032566.D
Acq: 6 Feb 2018 15:10

Tgt Ion: 93 Resp: 1137

Ion	Ratio	Lower	Upper
93	100		
63	37.0	67.1	107.1#
95	50.1	11.5	51.5

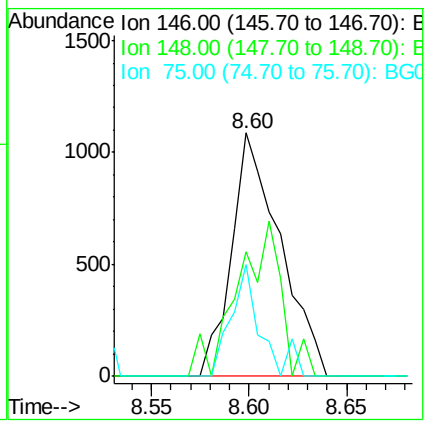




#12
1,3-Dichlorobenzene
Concen: 1.396 ng
RT: 8.60 min Scan# 904
Delta R.T. 0.01 min
Lab File: BG032566.D
Acq: 6 Feb 2018 15:10

Tgt Ion:146 Resp: 1868

Ion	Ratio	Lower	Upper
146	100		
148	51.4	51.4	77.2#
75	45.7	26.6	39.8#



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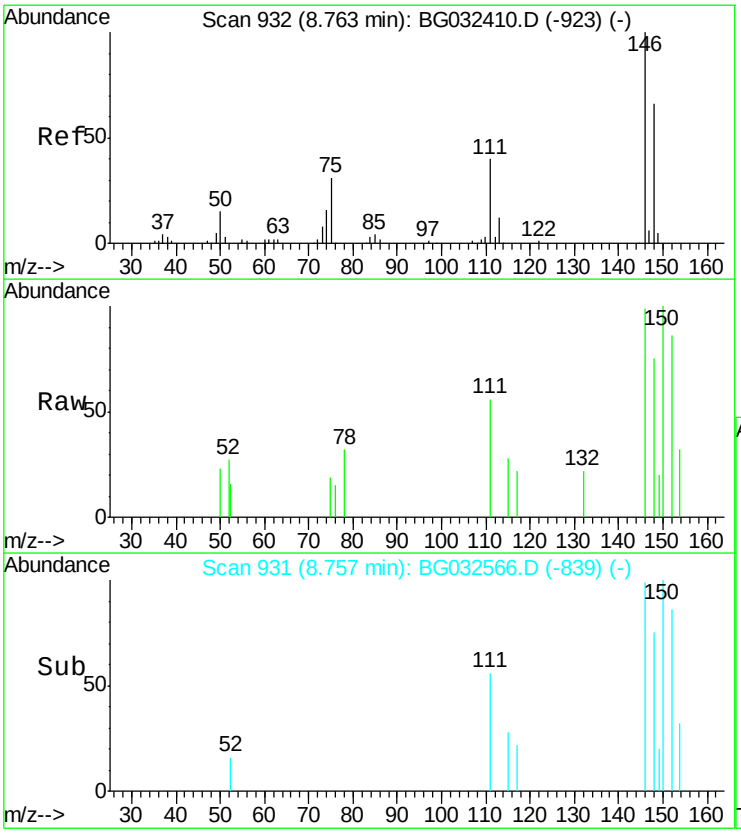
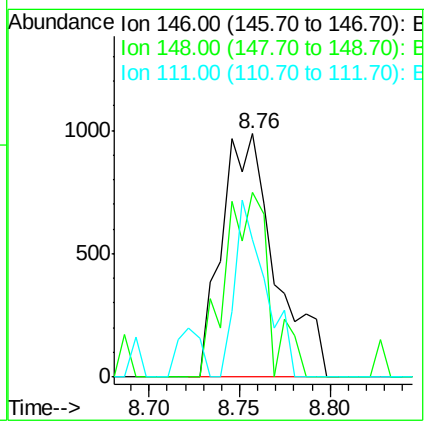
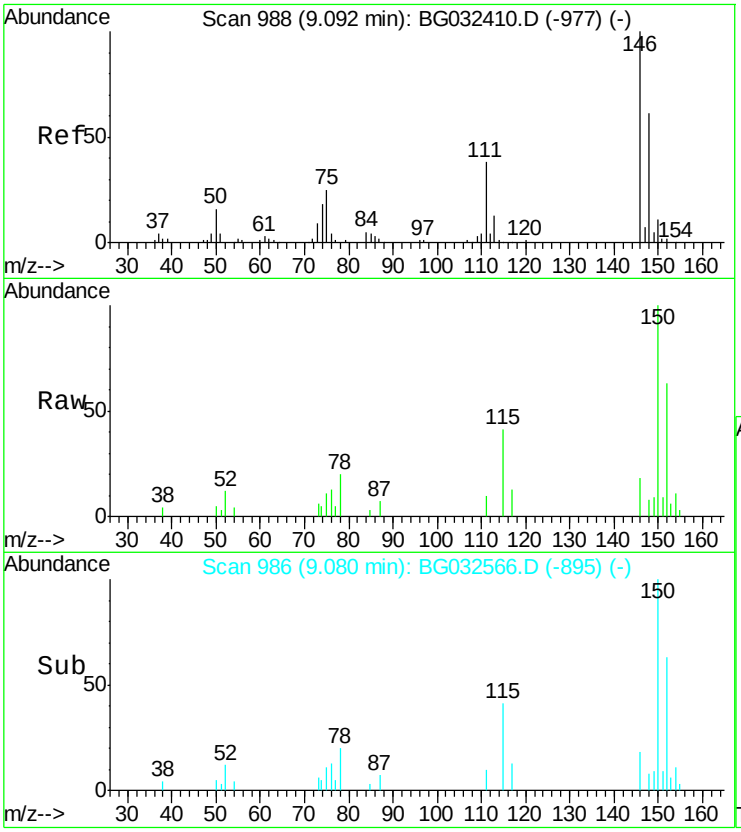


#13
1,4-Dichlorobenzene
Concen: 1.516 ng
RT: 8.76 min Scan# 931
Delta R.T. 0.01 min
Lab File: BG032566.D
Acq: 6 Feb 2018 15:10

Tgt Ion:146 Resp: 2034

Ion	Ratio	Lower	Upper
146	100		
148	75.7	53.7	80.5
111	56.3	35.2	52.8#

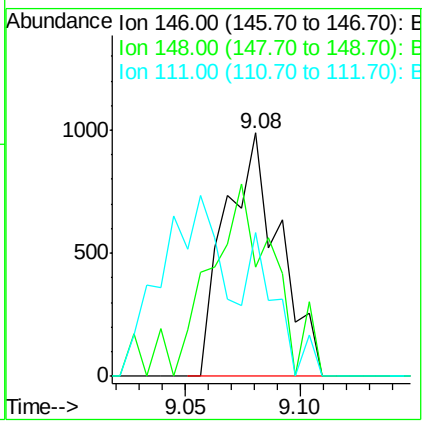




#14
1,2-Dichlorobenzene
Concen: 1.225 ng m
RT: 9.08 min Scan# 986
Delta R.T. 0.01 min
Lab File: BG032566.D
Acq: 6 Feb 2018 15:10

Tgt Ion:146 Resp: 1609

Ion	Ratio	Lower	Upper
146	100		
148	45.1	49.3	73.9#
111	58.9	34.3	51.5#



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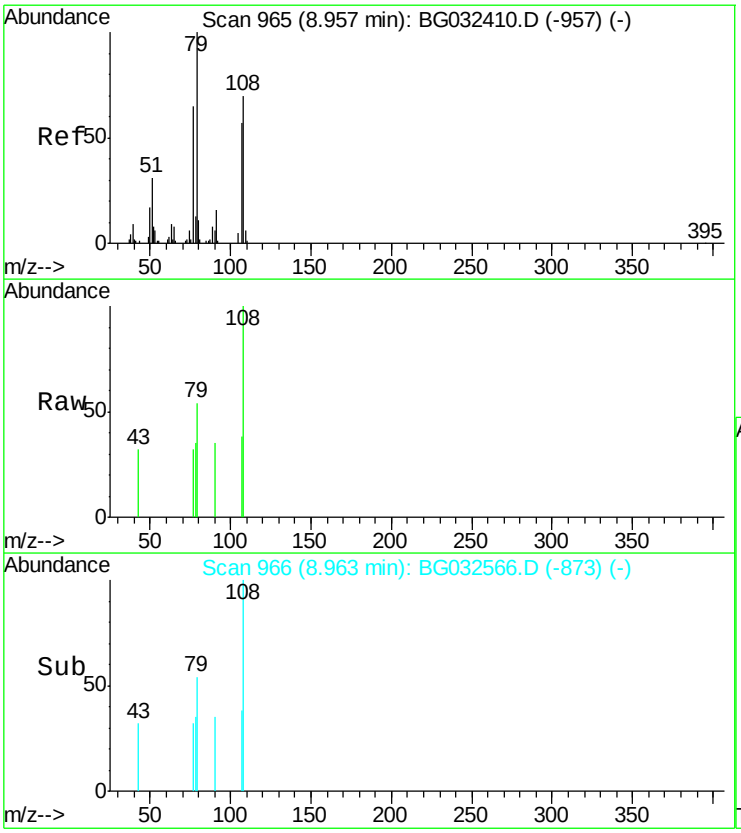
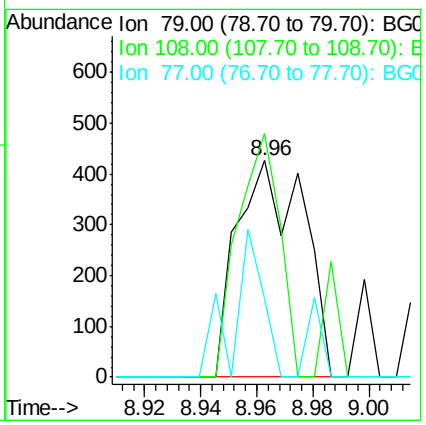
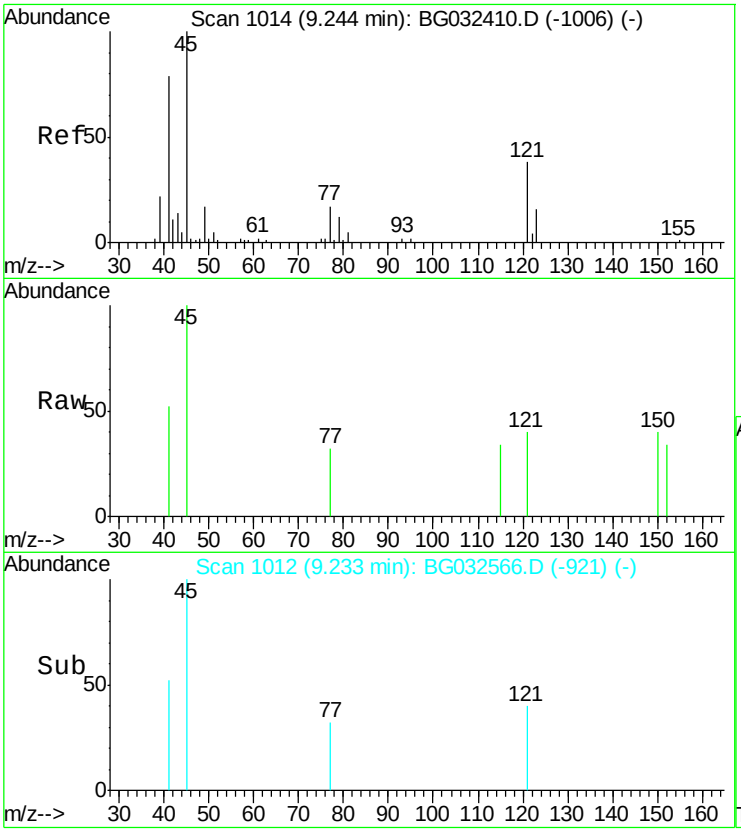


#15
Benzyl Alcohol
Concen: 0.756 ng m
RT: 8.96 min Scan# 966
Delta R.T. 0.02 min
Lab File: BG032566.D
Acq: 6 Feb 2018 15:10

Tgt Ion: 79 Resp: 696

Ion	Ratio	Lower	Upper
79	100		
108	184.2	57.2	85.8#
77	59.6	46.1	69.1

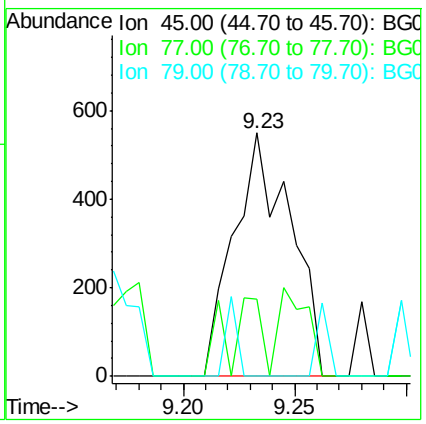




#16
2,2'-oxybis(1-Chloropropane)
Concen: 1.272 ng m
RT: 9.23 min Scan# 1012
Delta R.T. 0.01 min
Lab File: BG032566.D
Acq: 6 Feb 2018 15:10

Tgt Ion: 45 Resp: 974

Ion	Ratio	Lower	Upper
45	100		
77	31.8	0.0	30.2#
79	0.0	0.0	27.9



Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

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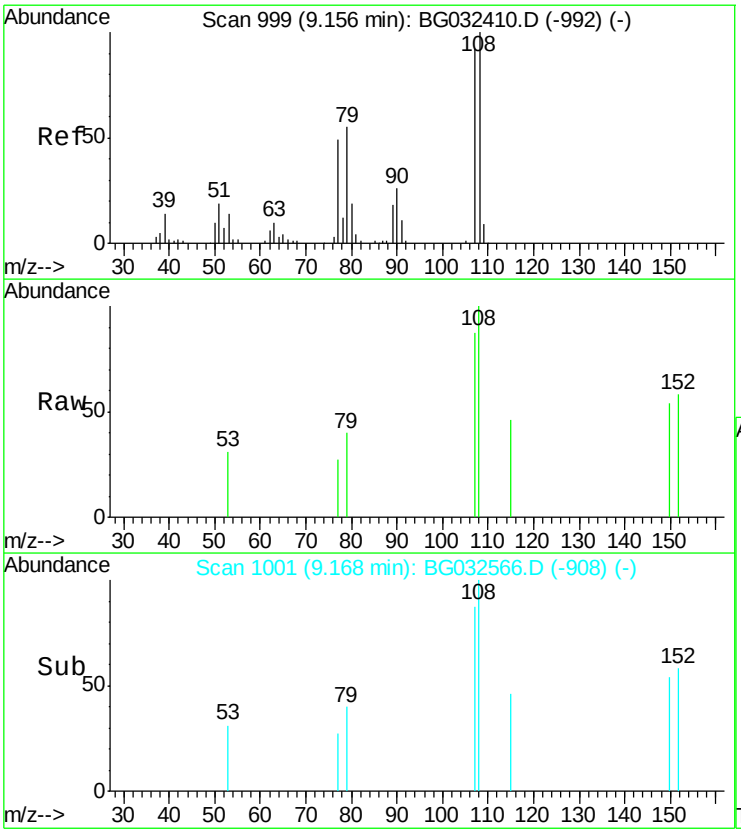
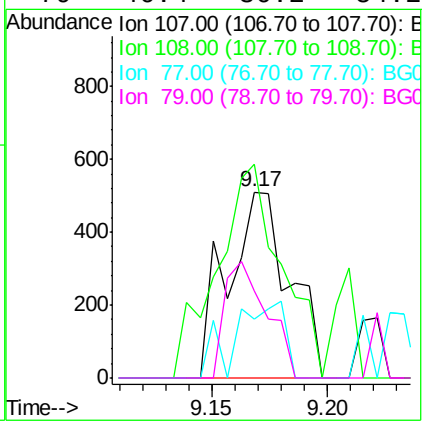
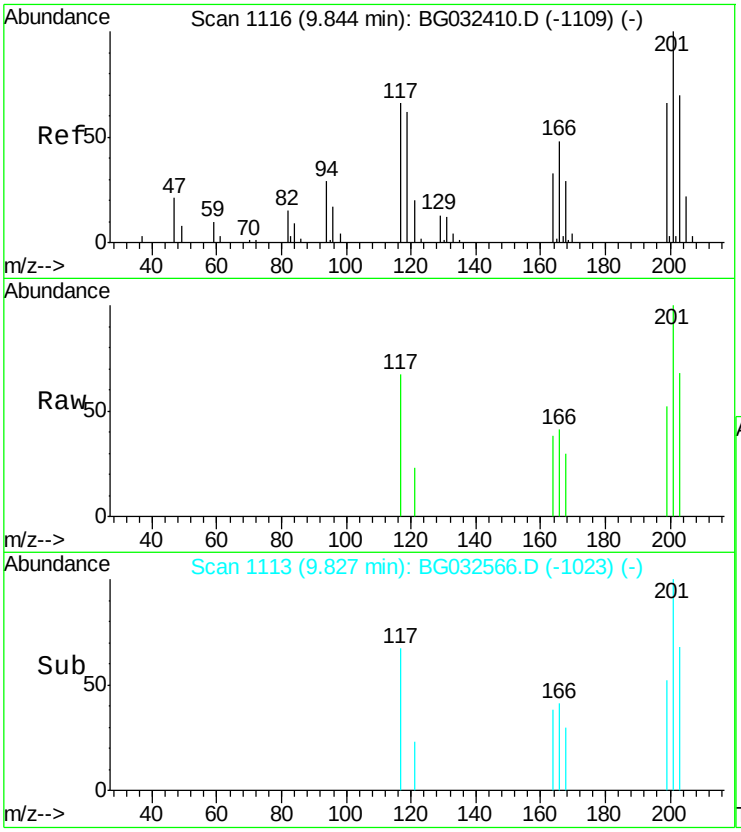


#17
2-Methylphenol
Concen: 1.099 ng
RT: 9.17 min Scan# 1001
Delta R.T. 0.02 min
Lab File: BG032566.D
Acq: 6 Feb 2018 15:10

Tgt Ion:107 Resp: 947

Ion	Ratio	Lower	Upper
107	100		
108	114.7	83.9	125.9
77	31.3	37.2	55.8#
79	46.4	36.2	54.2

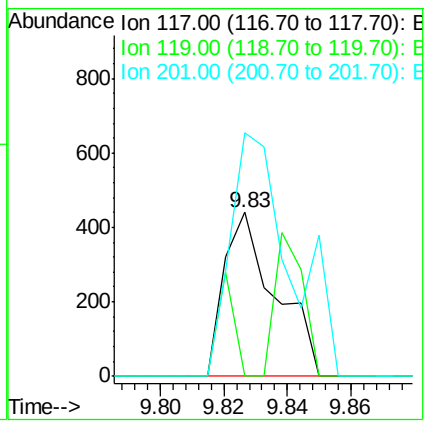




#18
Hexachloroethane
Concen: 1.088 ng
RT: 9.83 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BG032566.D
Acq: 6 Feb 2018 15:10

Tgt Ion:117 Resp: 490

Ion	Ratio	Lower	Upper
117	100		
119	0.0	76.7	115.1#
201	148.6	95.7	143.5#



Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

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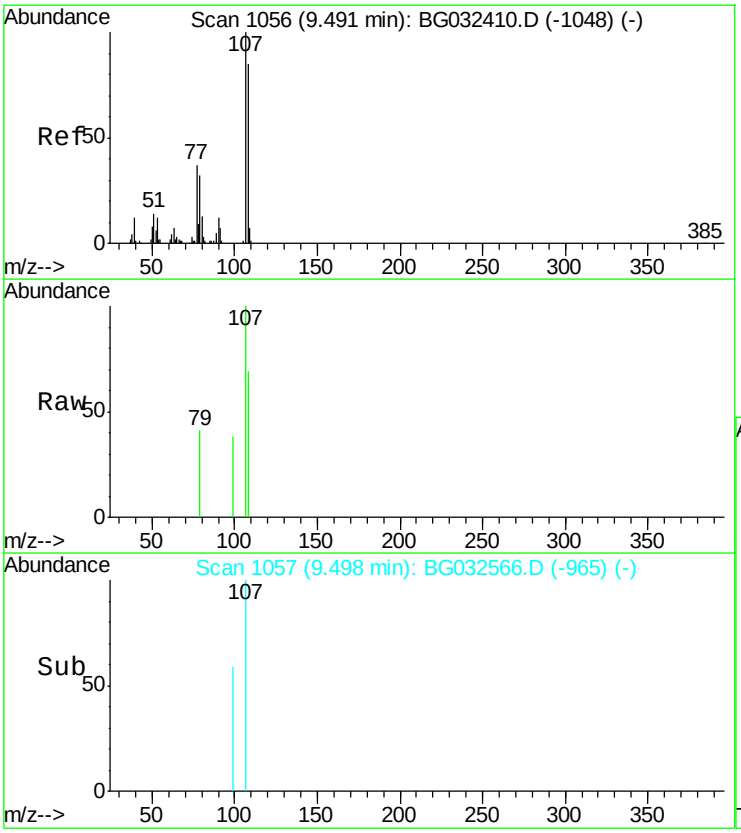
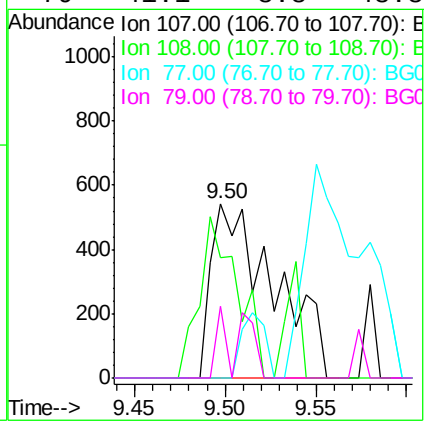
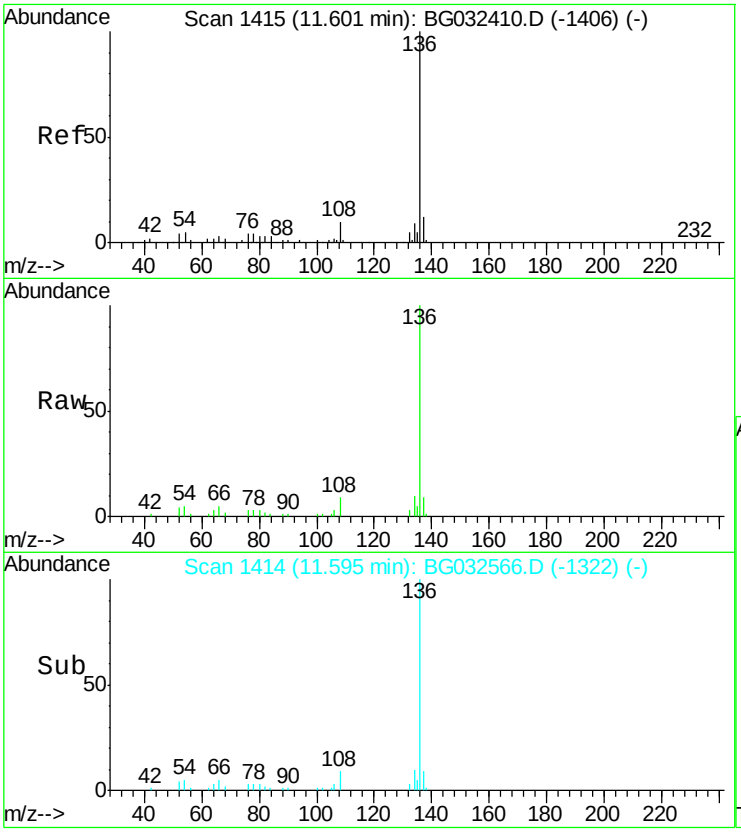


#20
3+4-Methylphenols
Concen: 1.091 ng
RT: 9.50 min Scan# 1057
Delta R.T. 0.01 min
Lab File: BG032566.D
Acq: 6 Feb 2018 15:10

Tgt Ion:107 Resp: 1318

Ion	Ratio	Lower	Upper
107	100		
108	69.4	61.6	101.6
77	0.0	13.9	53.9#
79	41.1	8.8	48.8

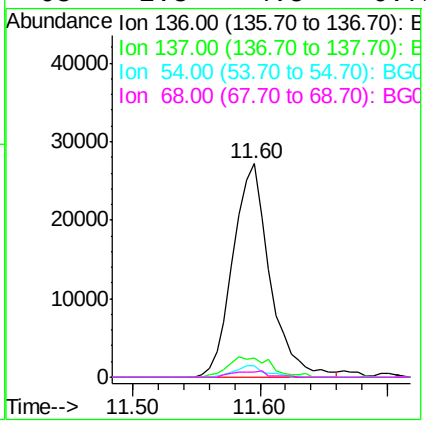




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.60 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BG032566.D
Acq: 6 Feb 2018 15:10

Tgt Ion:136 Resp: 54941

Ion	Ratio	Lower	Upper
136	100		
137	9.2	9.2	13.8
54	5.4	10.3	15.5#
68	2.3	4.5	6.7#



Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

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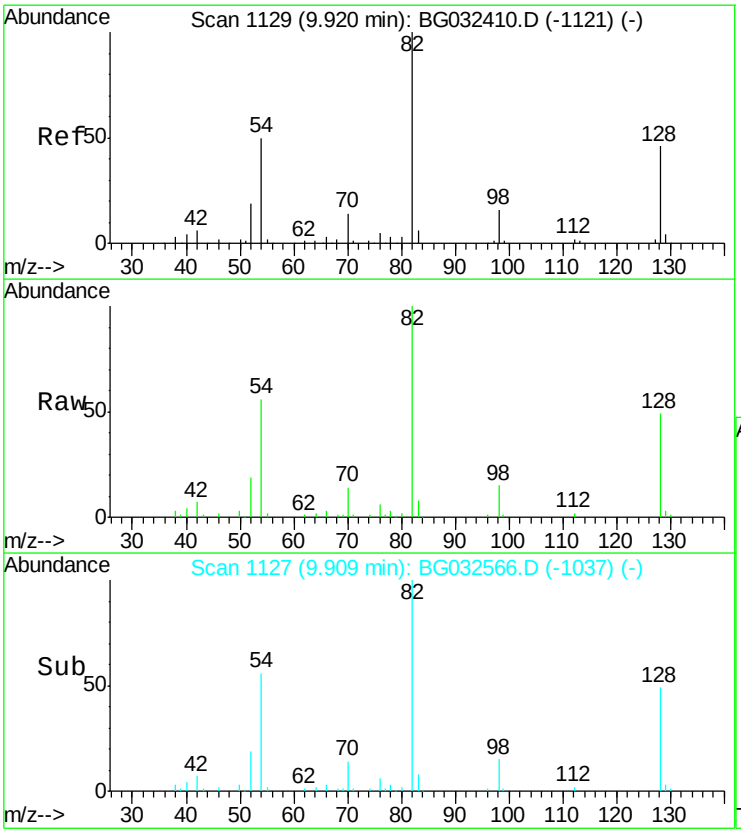
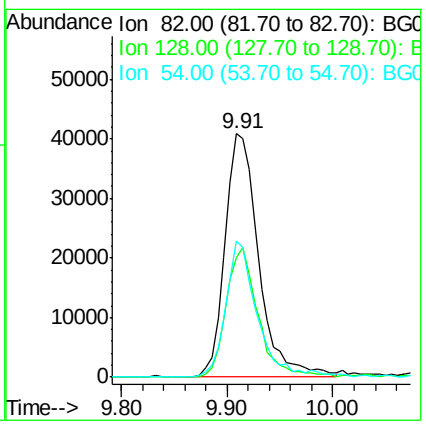
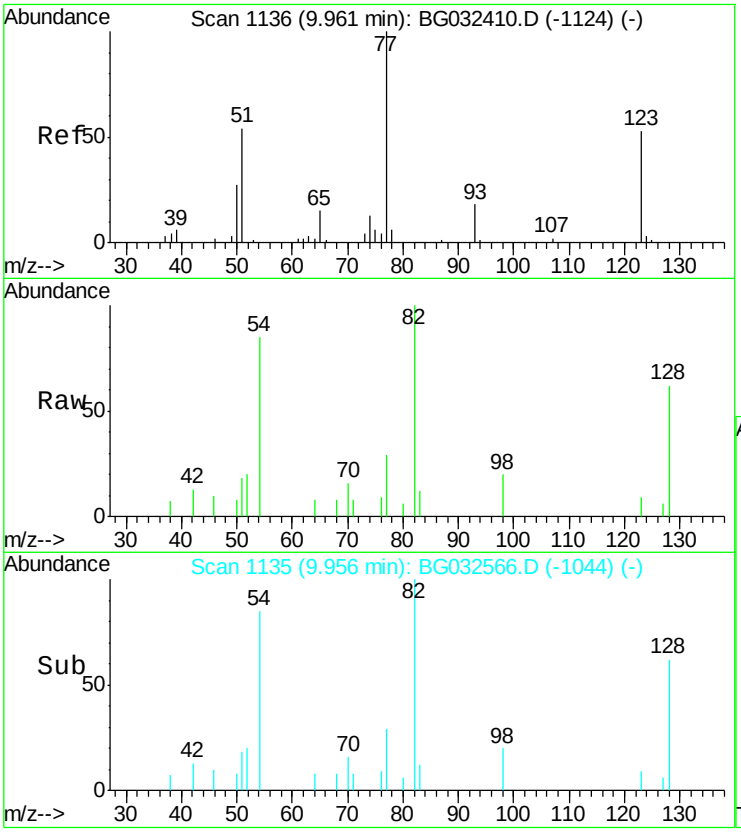


#23
Nitrobenzene-d5
Concen: 102.319 ng
RT: 9.91 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BG032566.D
Acq: 6 Feb 2018 15:10

Tgt Ion: 82 Resp: 90001

Ion	Ratio	Lower	Upper
82	100		
128	48.9	29.7	44.5#
54	55.8	43.1	64.7

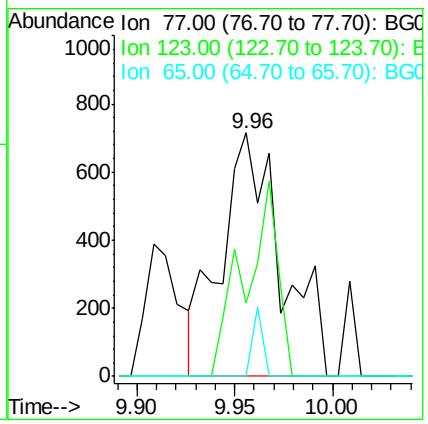




#24
Nitrobenzene
Concen: 1.808 ng
RT: 9.96 min Scan# 1135
Delta R.T. 0.01 min
Lab File: BG032566.D
Acq: 6 Feb 2018 15:10

Tgt Ion: 77 Resp: 1538

Ion	Ratio	Lower	Upper
77	100		
123	30.2	33.0	49.6#
65	0.0	13.0	19.6#



Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

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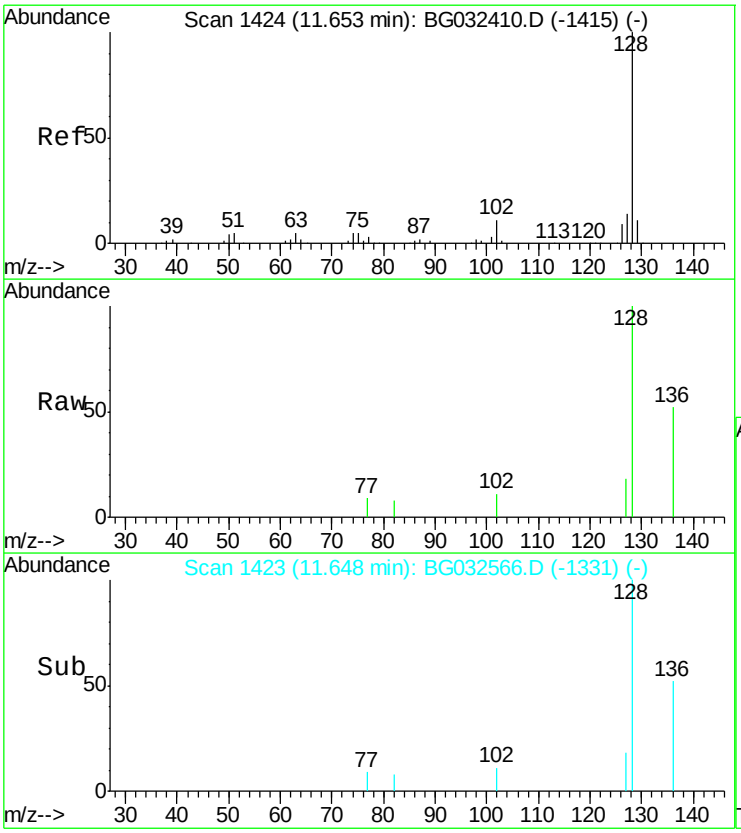
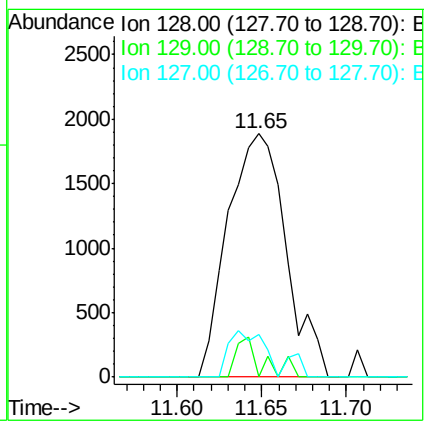
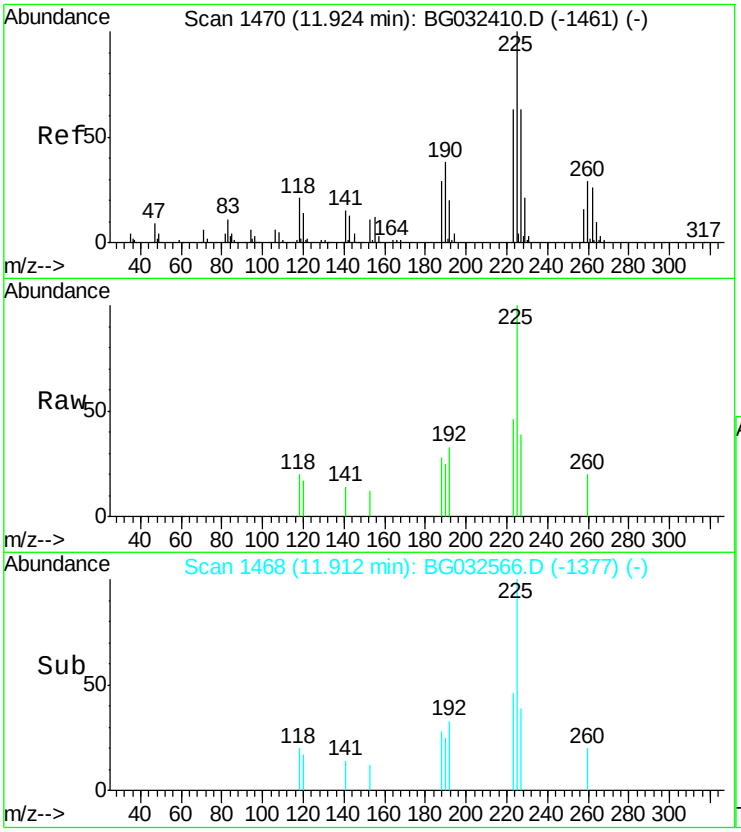


#31
Naphthalene
Concen: 1.684 ng
RT: 11.65 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BG032566.D
Acq: 6 Feb 2018 15:10

Tgt Ion:128 Resp: 4518

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.6	12.8#
127	17.7	11.6	17.4#

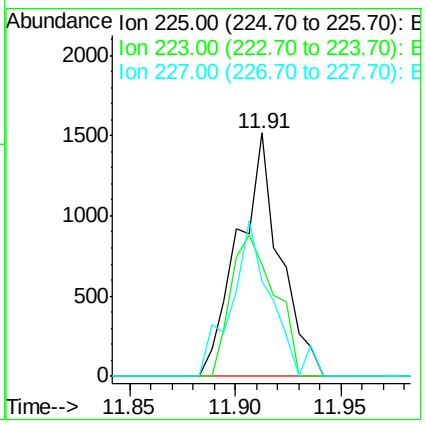




#34
Hexachlorobutadiene
Concen: 2.050 ng
RT: 11.91 min Scan# 1468
Delta R.T. 0.01 min
Lab File: BG032566.D
Acq: 6 Feb 2018 15:10

Tgt Ion:225 Resp: 2078

Ion	Ratio	Lower	Upper
225	100		
223	46.1	49.7	74.5#
227	39.1	48.1	72.1#



Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

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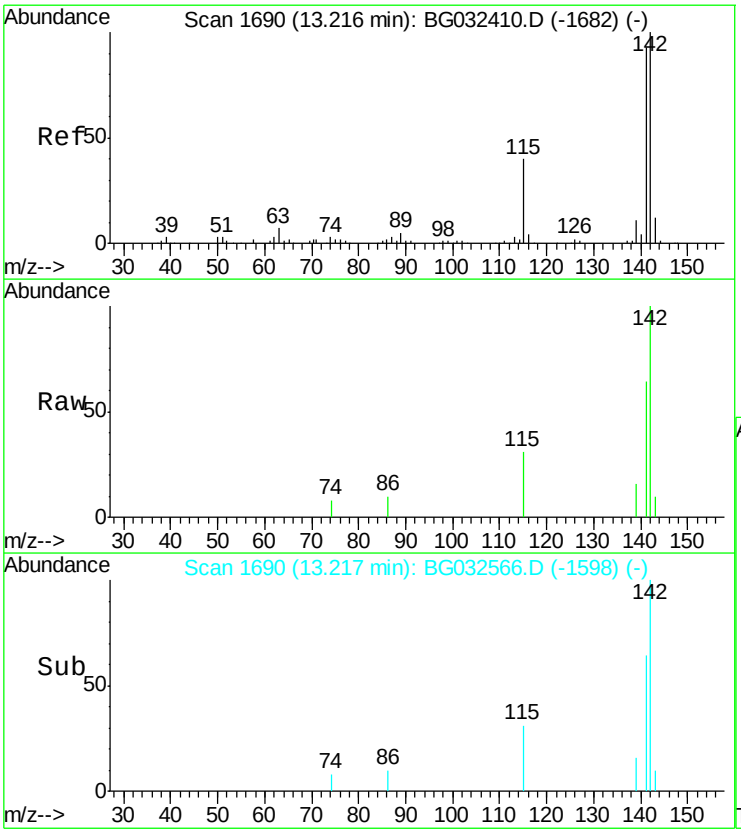
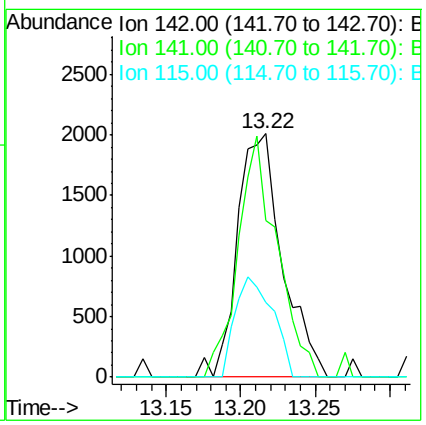
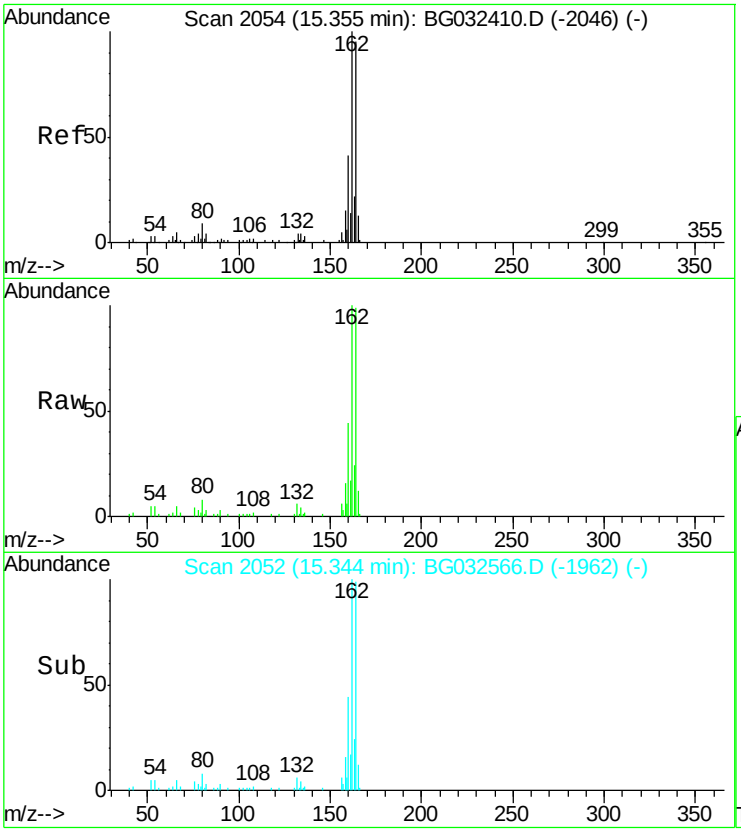


#37
2-Methylnaphthalene
Concen: 1.864 ng
RT: 13.22 min Scan# 1690
Delta R.T. 0.01 min
Lab File: BG032566.D
Acq: 6 Feb 2018 15:10

Tgt Ion:142 Resp: 4201

Ion	Ratio	Lower	Upper
142	100		
141	64.4	67.1	100.7#
115	30.9	30.7	46.1

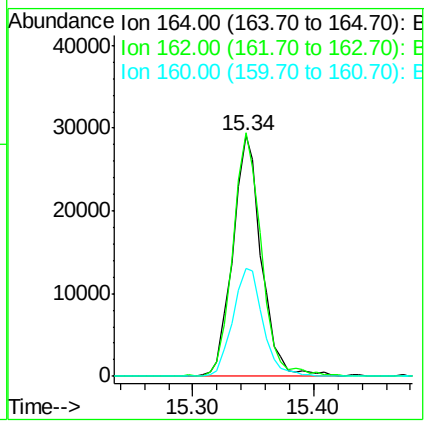




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.34 min Scan# 2052
Delta R.T. 0.00 min
Lab File: BG032566.D
Acq: 6 Feb 2018 15:10

Tgt Ion:164 Resp: 47932

Ion	Ratio	Lower	Upper
164	100		
162	101.2	78.8	118.2
160	44.7	35.4	53.0



Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

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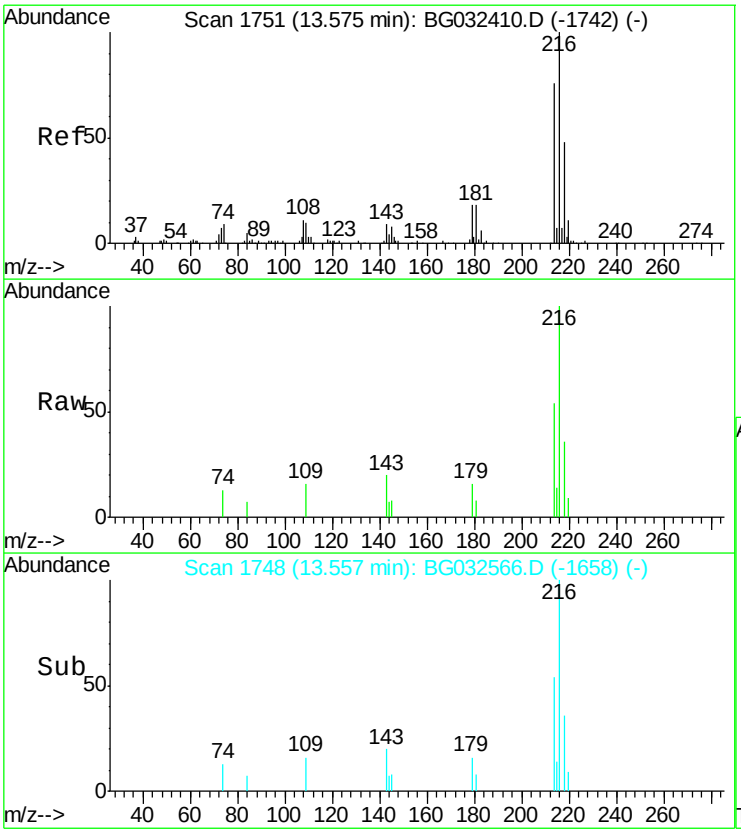
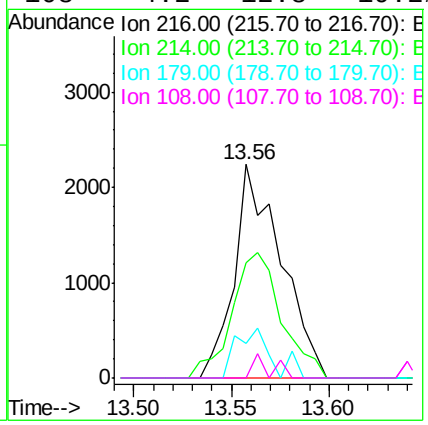
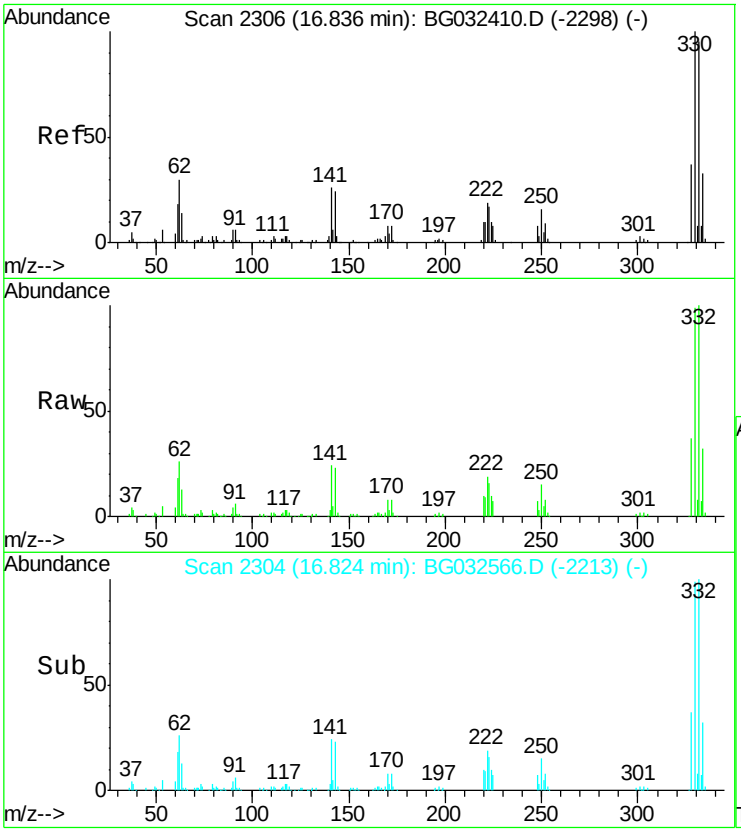


#39
1,2,4,5-Tetrachlorobenzene
Concen: 1.659 ng
RT: 13.56 min Scan# 1748
Delta R.T. 0.00 min
Lab File: BG032566.D
Acq: 6 Feb 2018 15:10

Tgt Ion:216 Resp: 3721

Ion	Ratio	Lower	Upper
216	100		
214	62.2	63.0	94.4#
179	15.0	17.0	25.6#
108	4.2	12.8	19.2#





#41
2,4,6-Tribromophenol
Concen: 146.739 ng
RT: 16.82 min Scan# 2304
Delta R.T. 0.01 min
Lab File: BG032566.D
Acq: 6 Feb 2018 15:10

Tgt Ion:330 Resp: 133883

Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.0	115.6
141	24.9	25.2	37.8#

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

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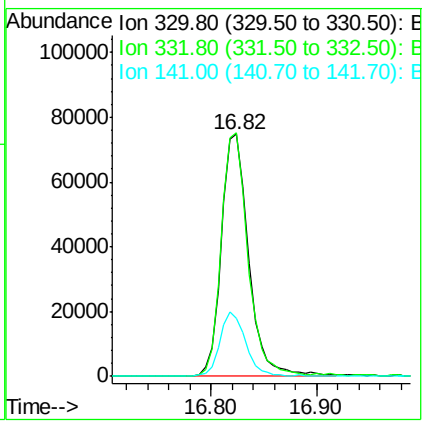
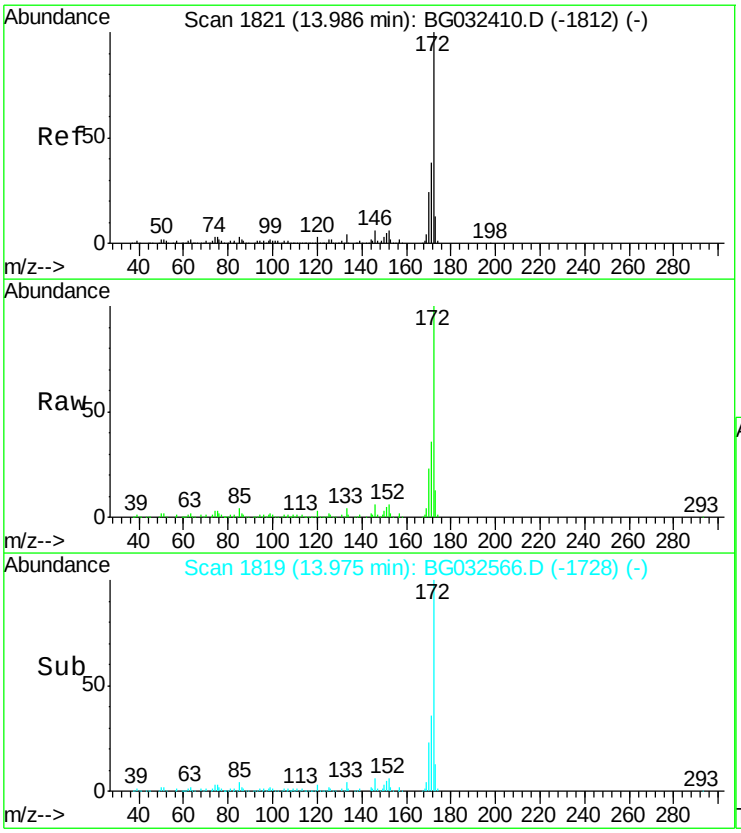
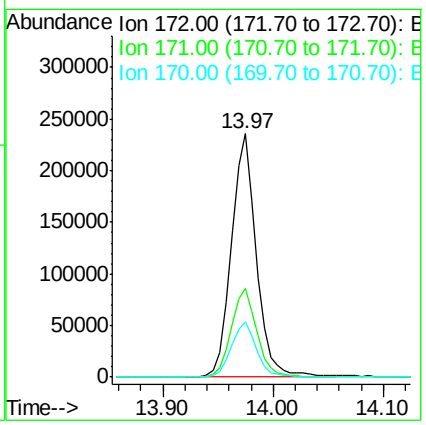


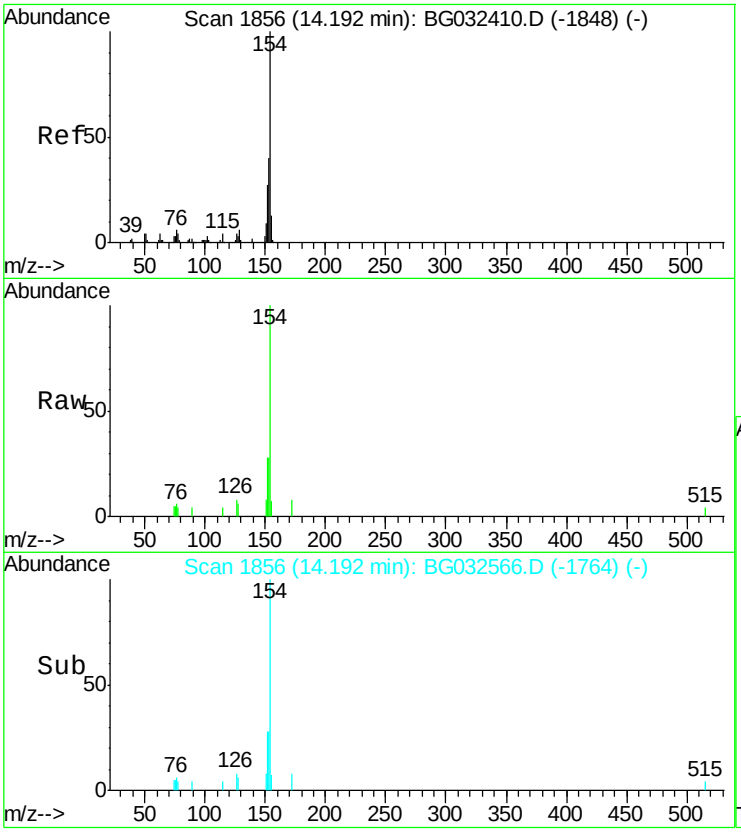


#44
2-Fluorobiphenyl
Concen: 92.936 ng
RT: 13.97 min Scan# 1819
Delta R.T. 0.01 min
Lab File: BG032566.D
Acq: 6 Feb 2018 15:10

Tgt Ion:172 Resp: 374788

Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.0	45.0
170	22.7	19.5	29.3





#45
1,1'-Biphenyl
Concen: 1.647 ng
RT: 14.19 min Scan# 1856
Delta R.T. 0.01 min
Lab File: BG032566.D
Acq: 6 Feb 2018 15:10

Tgt Ion:154 Resp: 6668

Ion	Ratio	Lower	Upper
154	100		
153	27.9	19.8	59.8
76	5.8	0.0	31.9

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

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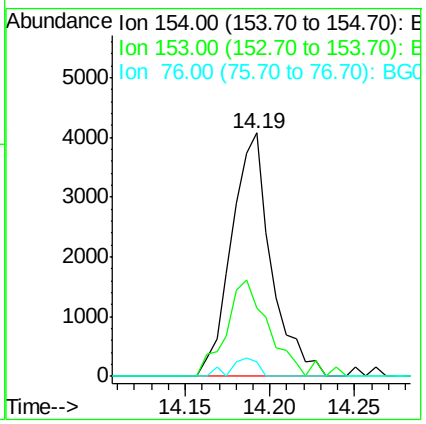
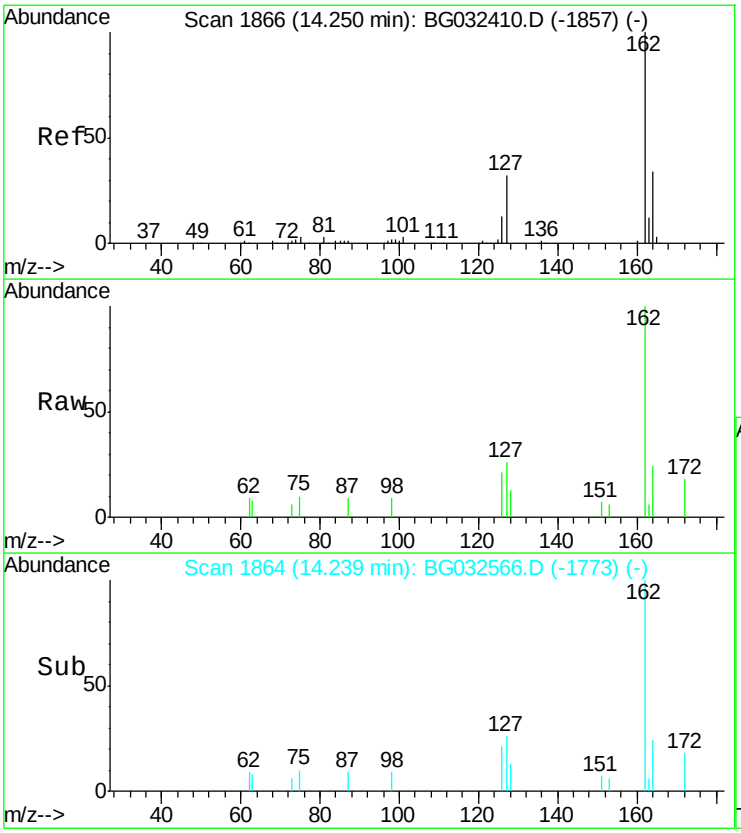
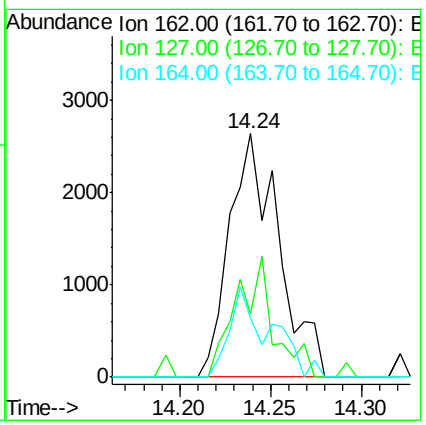


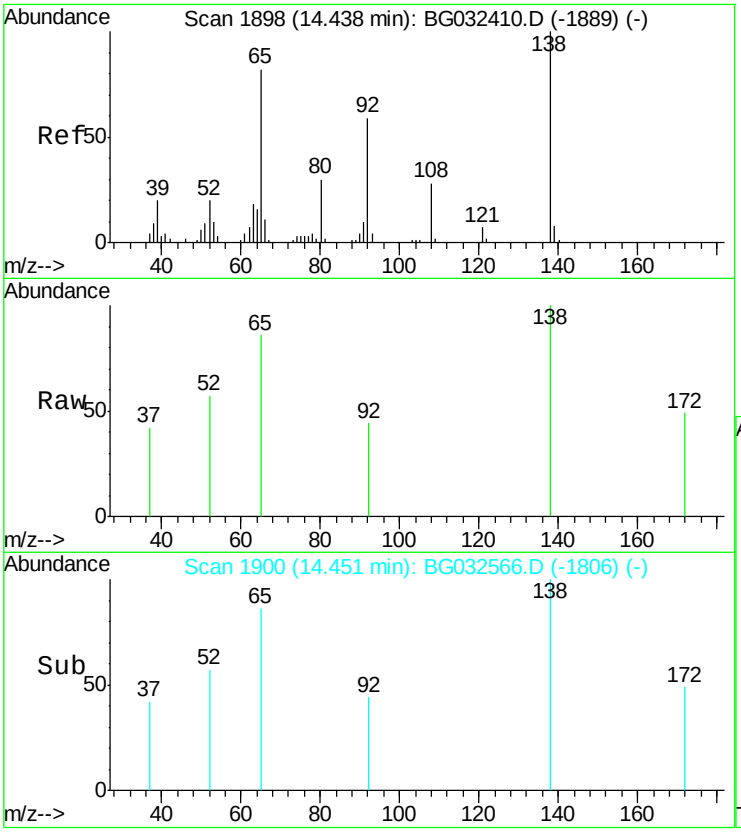


#46
2-Chloronaphthalene
Concen: 1.572 ng
RT: 14.24 min Scan# 1864
Delta R.T. 0.01 min
Lab File: BG032566.D
Acq: 6 Feb 2018 15:10

Tgt Ion:162 Resp: 4991

Ion	Ratio	Lower	Upper
162	100		
127	26.1	30.7	46.1#
164	24.2	26.0	39.0#





#47
2-Nitroaniline
Concen: 0.719 ng
RT: 14.45 min Scan# 1900
Delta R.T. 0.02 min
Lab File: BG032566.D
Acq: 6 Feb 2018 15:10

Tgt Ion: 65 Resp: 505

Ion	Ratio	Lower	Upper
65	100		
92	51.6	54.6	82.0#
138	116.0	72.9	109.3#

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

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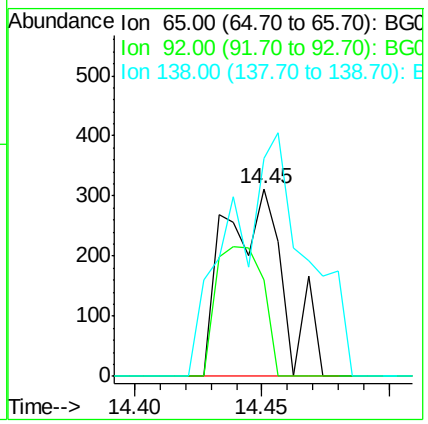
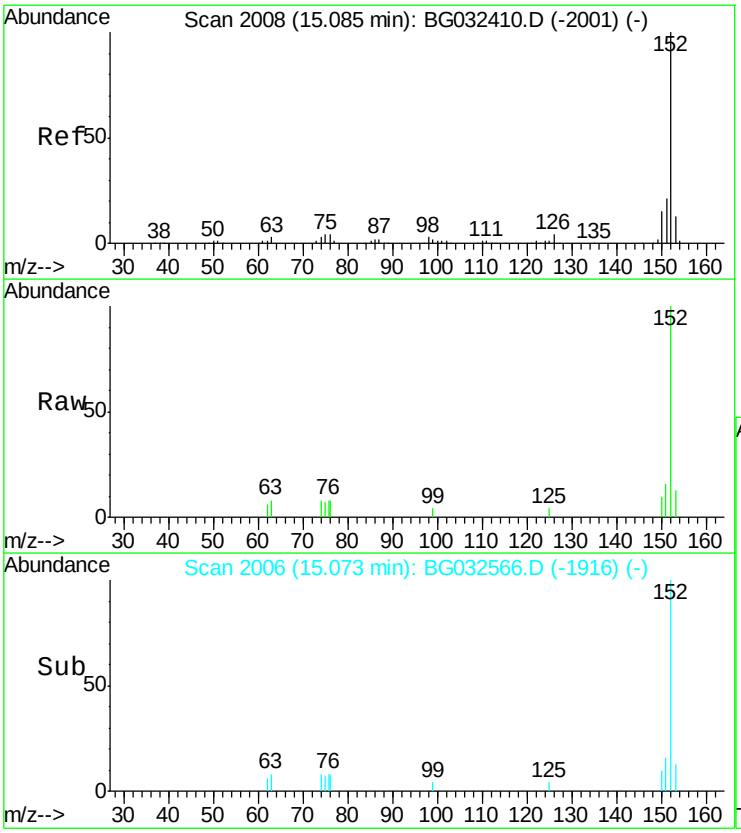
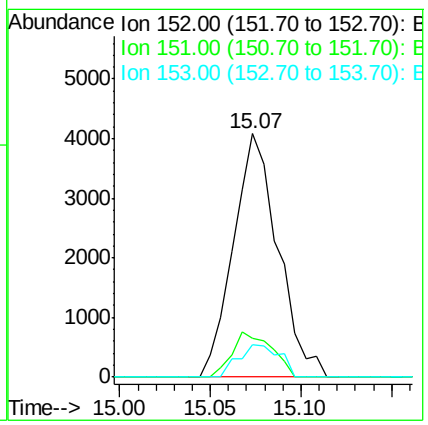


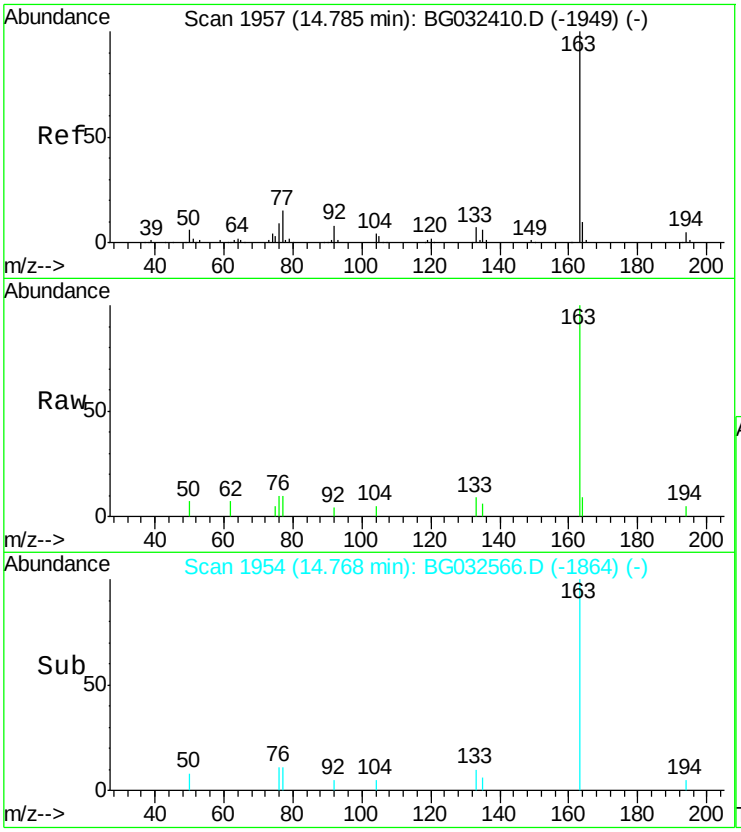


#48
Acenaphthylene
Concen: 1.456 ng
RT: 15.07 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BG032566.D
Acq: 6 Feb 2018 15:10

Tgt Ion:152 Resp: 6988

Ion	Ratio	Lower	Upper
152	100		
151	15.7	17.2	25.8#
153	13.1	10.2	15.4

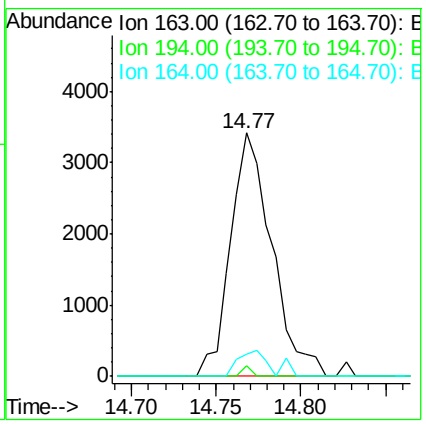




#49
Dimethylphthalate
Concen: 1.313 ng
RT: 14.77 min Scan# 1954
Delta R.T. 0.00 min
Lab File: BG032566.D
Acq: 6 Feb 2018 15:10

Tgt Ion:163 Resp: 5801

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.2
164	9.3	8.2	12.4



Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

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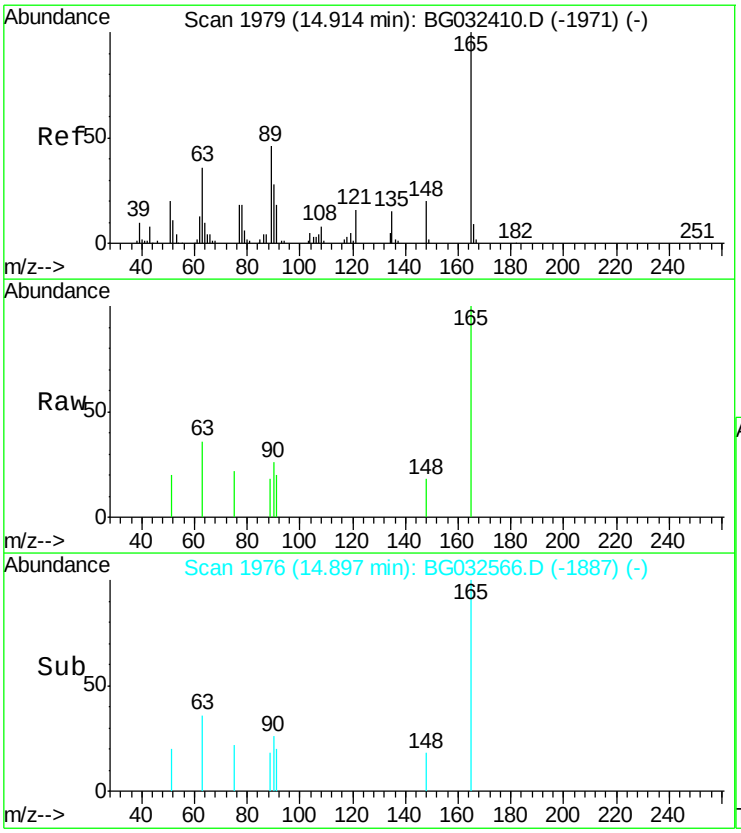
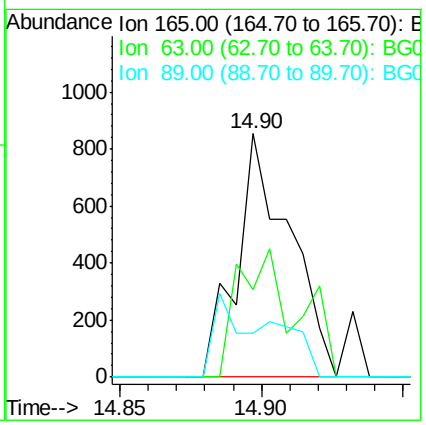
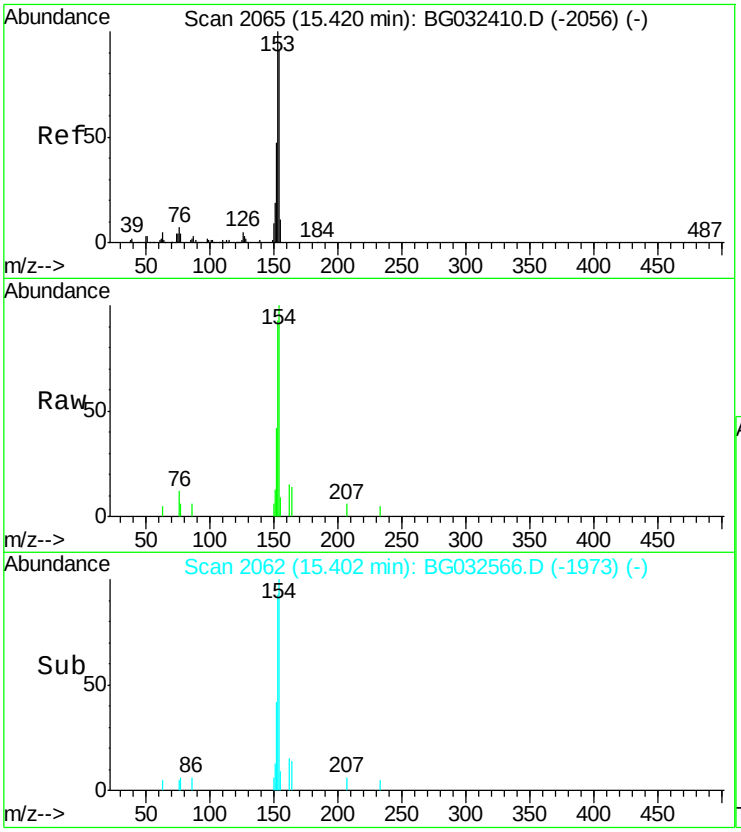


#50
2,6-Dinitrotoluene
Concen: 1.196 ng
RT: 14.90 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG032566.D
Acq: 6 Feb 2018 15:10

Tgt Ion:165 Resp: 1109

Ion	Ratio	Lower	Upper
165	100		
63	35.8	52.7	79.1#
89	17.9	49.2	73.8#

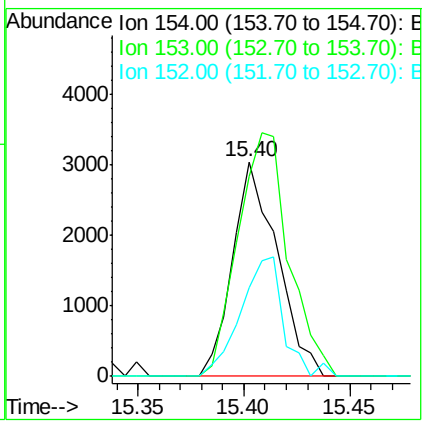




#51
Acenaphthene
Concen: 1.333 ng
RT: 15.40 min Scan# 2062
Delta R.T. -0.01 min
Lab File: BG032566.D
Acq: 6 Feb 2018 15:10

Tgt Ion:154 Resp: 4437

Ion	Ratio	Lower	Upper
154	100		
153	93.2	90.4	135.6
152	41.7	41.6	62.4



Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

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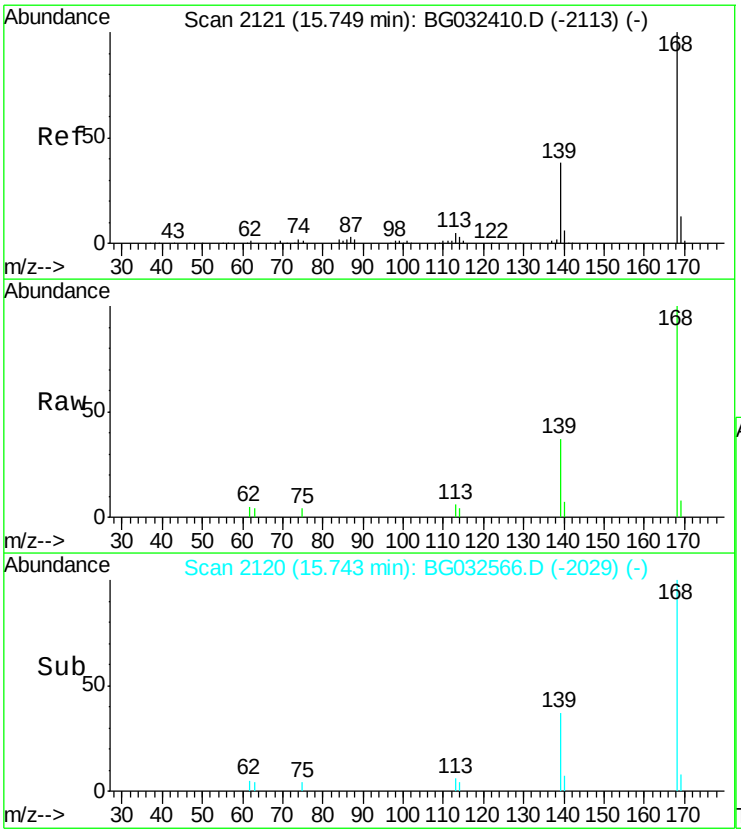
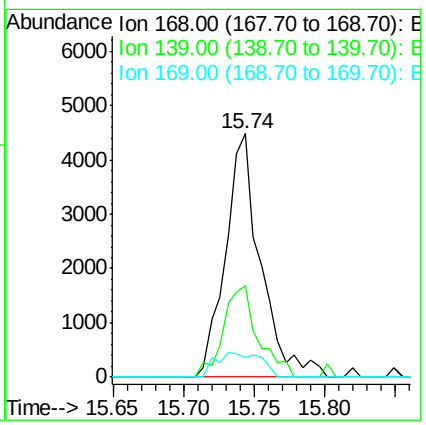
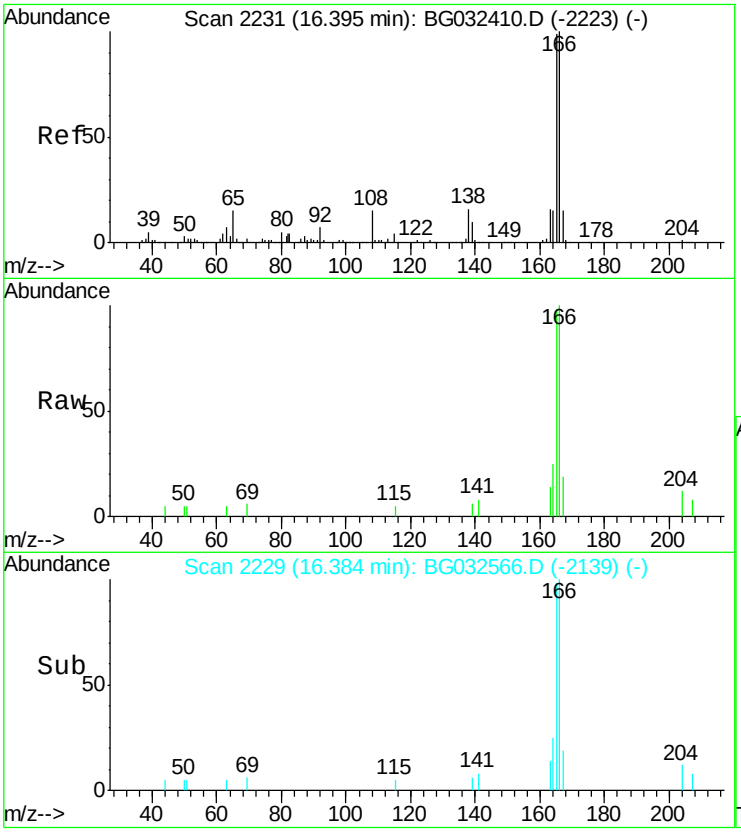


#54
Dibenzofuran
Concen: 1.574 ng
RT: 15.74 min Scan# 2120
Delta R.T. 0.01 min
Lab File: BG032566.D
Acq: 6 Feb 2018 15:10

Tgt Ion:168 Resp: 7753

Ion	Ratio	Lower	Upper
168	100		
139	37.5	28.6	43.0
169	7.9	11.2	16.8#





#57
Fluorene
Concen: 1.390 ng
RT: 16.38 min Scan# 2229
Delta R.T. 0.00 min
Lab File: BG032566.D
Acq: 6 Feb 2018 15:10

Tgt Ion:166 Resp: 5690

Ion	Ratio	Lower	Upper
166	100		
165	97.7	80.6	121.0
167	18.8	10.4	15.6#

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

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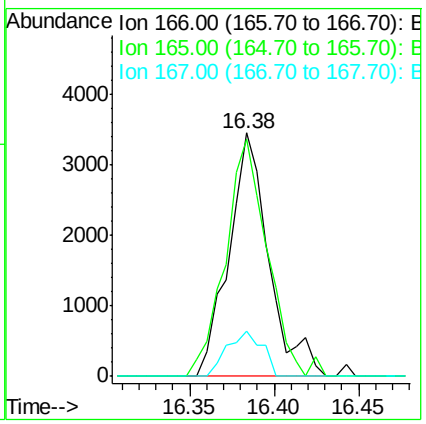
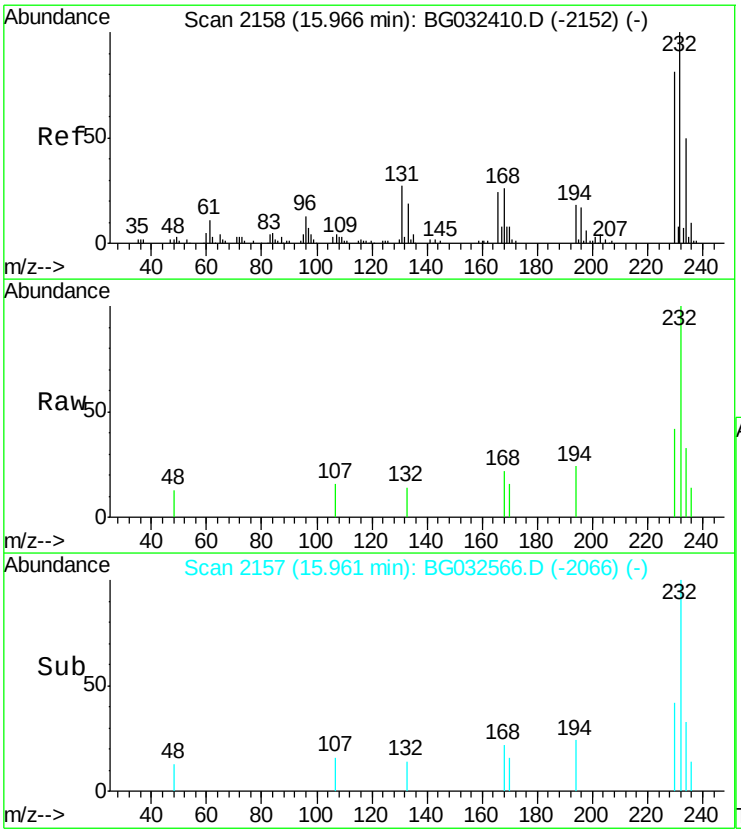
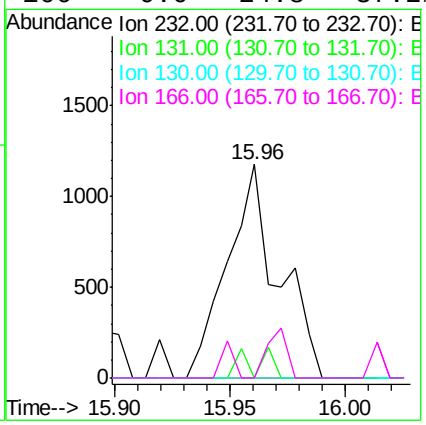


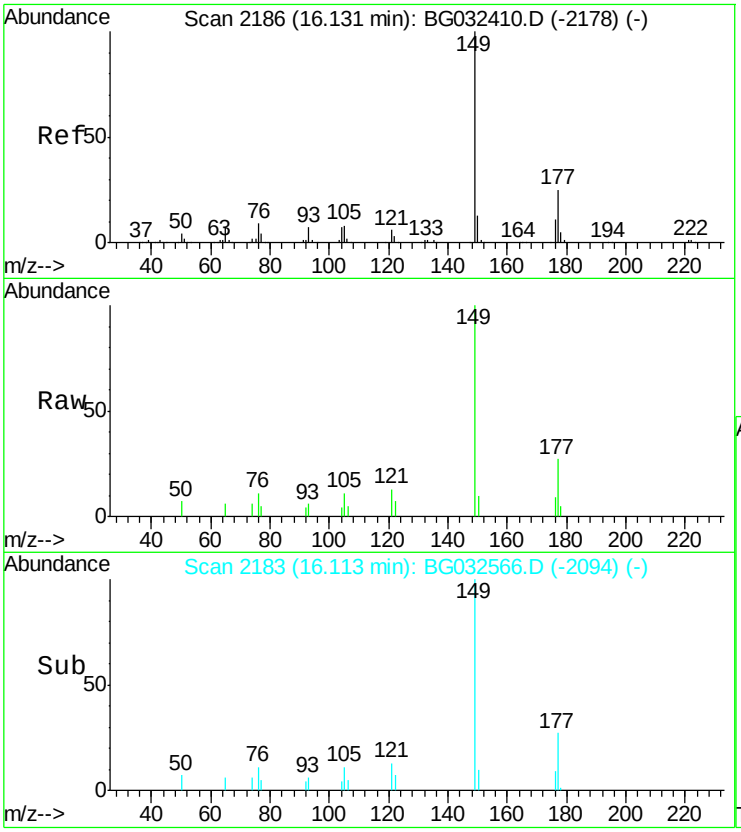


#58
2,3,4,6-Tetrachlorophenol
Concen: 1.287 ng
RT: 15.96 min Scan# 2157
Delta R.T. 0.01 min
Lab File: BG032566.D
Acq: 6 Feb 2018 15:10

Tgt Ion:232 Resp: 1805

Ion	Ratio	Lower	Upper
232	100		
131	6.5	33.5	50.3#
130	0.0	2.2	3.2#
166	0.0	24.8	37.2#

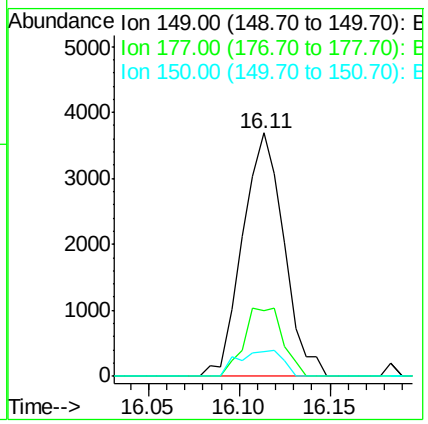




#59
Diethylphthalate
Concen: 1.360 ng
RT: 16.11 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BG032566.D
Acq: 6 Feb 2018 15:10

Tgt Ion:149 Resp: 5852

Ion	Ratio	Lower	Upper
149	100		
177	27.2	18.5	27.7
150	10.4	10.2	15.2



Instrument :
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ClientSampleId :
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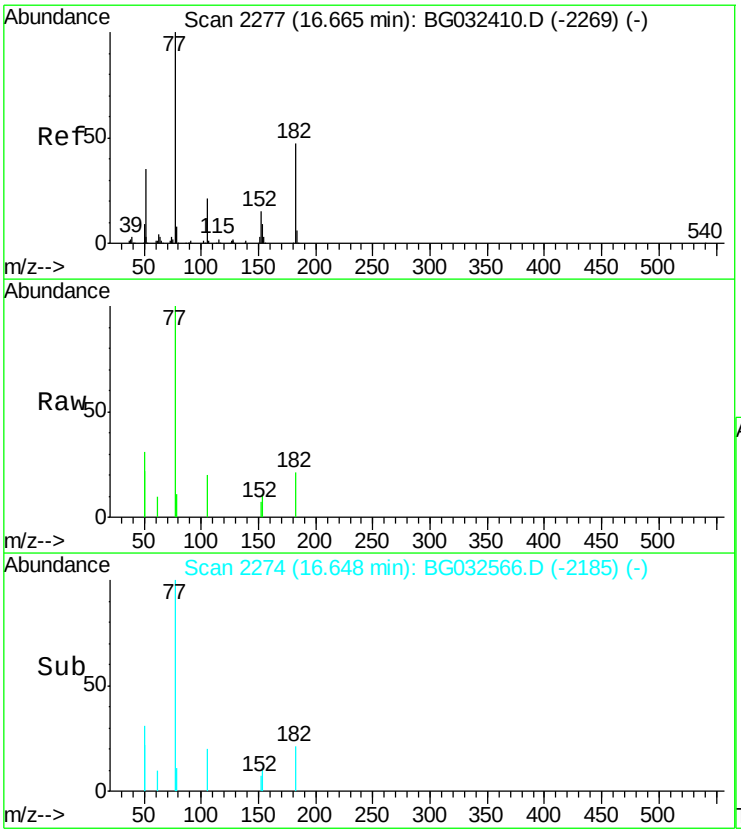
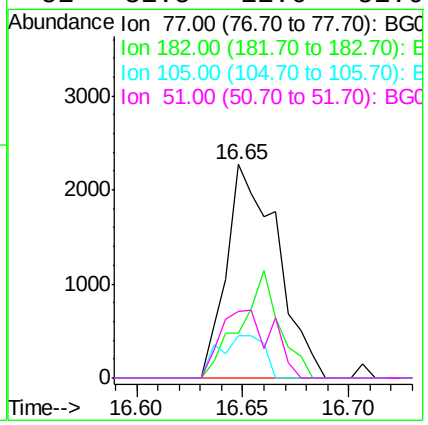
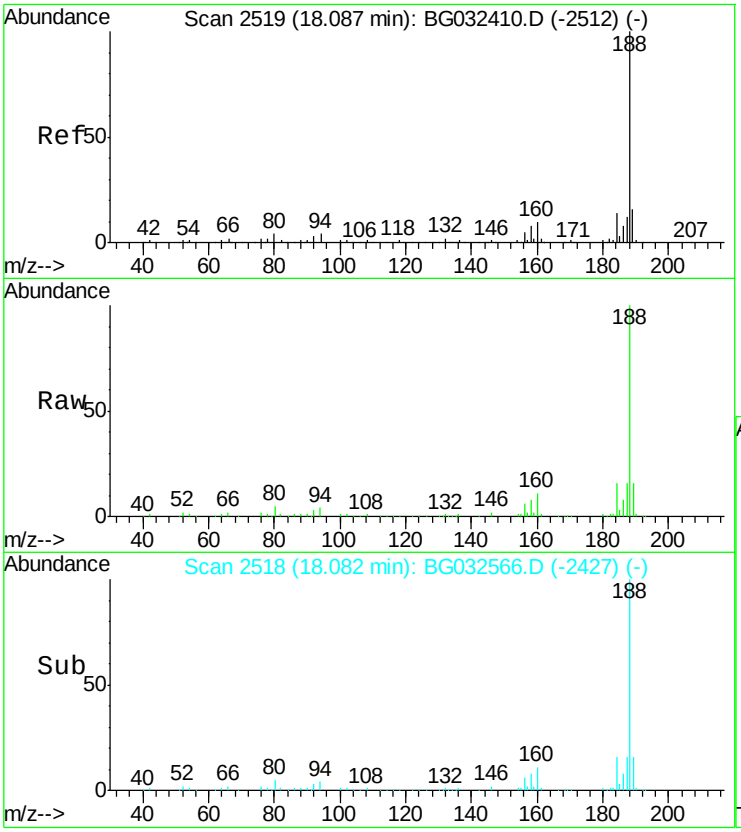


#62
Azobenzene
Concen: 1.475 ng
RT: 16.65 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BG032566.D
Acq: 6 Feb 2018 15:10

Tgt Ion: 77 Resp: 3794

Ion	Ratio	Lower	Upper
77	100		
182	20.8	7.4	47.4
105	19.7	0.3	40.3
51	31.5	11.6	51.6





#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.08 min Scan# 2518
Delta R.T. 0.01 min
Lab File: BG032566.D
Acq: 6 Feb 2018 15:10

Tgt Ion:188 Resp: 121179

Ion	Ratio	Lower	Upper
188	100		
94	3.8	6.9	10.3#
80	4.5	7.7	11.5#

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

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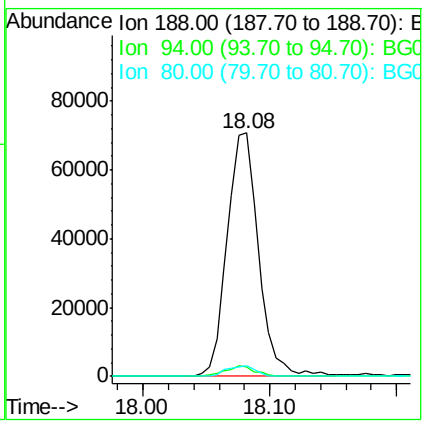
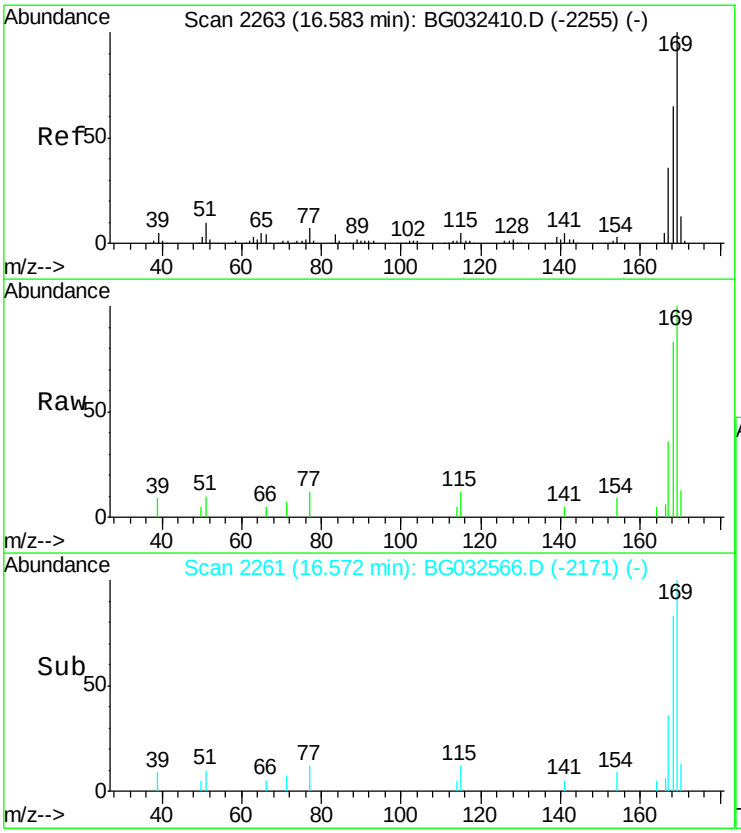
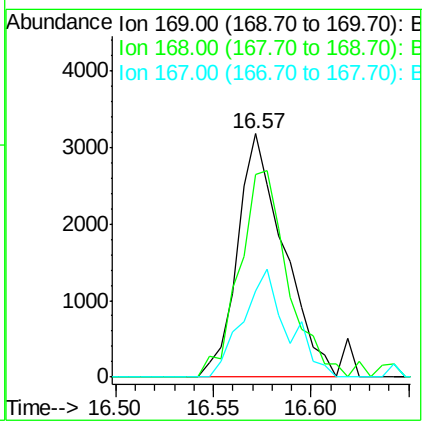


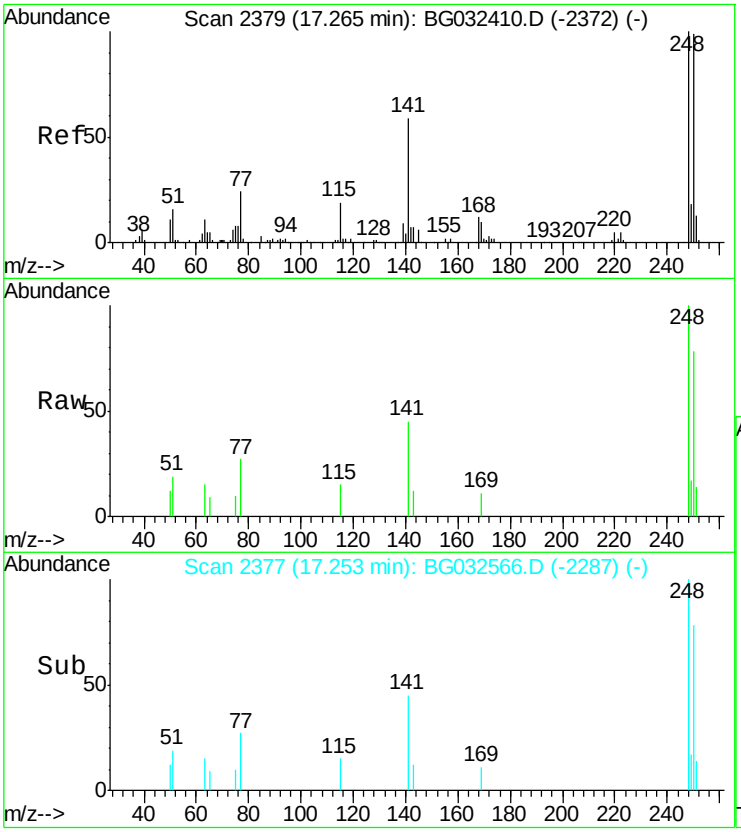


#65
n-Nitrosodiphenylamine
Concen: 1.445 ng
RT: 16.57 min Scan# 2261
Delta R.T. 0.00 min
Lab File: BG032566.D
Acq: 6 Feb 2018 15:10

Tgt Ion:169 Resp: 5226

Ion	Ratio	Lower	Upper
169	100		
168	83.2	55.7	83.5
167	35.6	30.1	45.1





#66
4-Bromophenyl-phenylether
Concen: 1.681 ng
RT: 17.25 min Scan# 2377
Delta R.T. 0.00 min
Lab File: BG032566.D
Acq: 6 Feb 2018 15:10

Tgt Ion:248 Resp: 3017

Ion	Ratio	Lower	Upper
248	100		
250	77.8	77.1	115.7
141	44.5	50.8	76.2#

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

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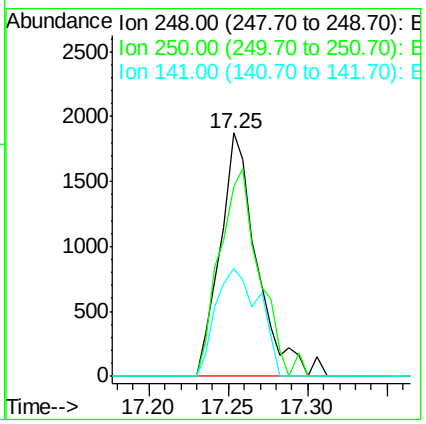
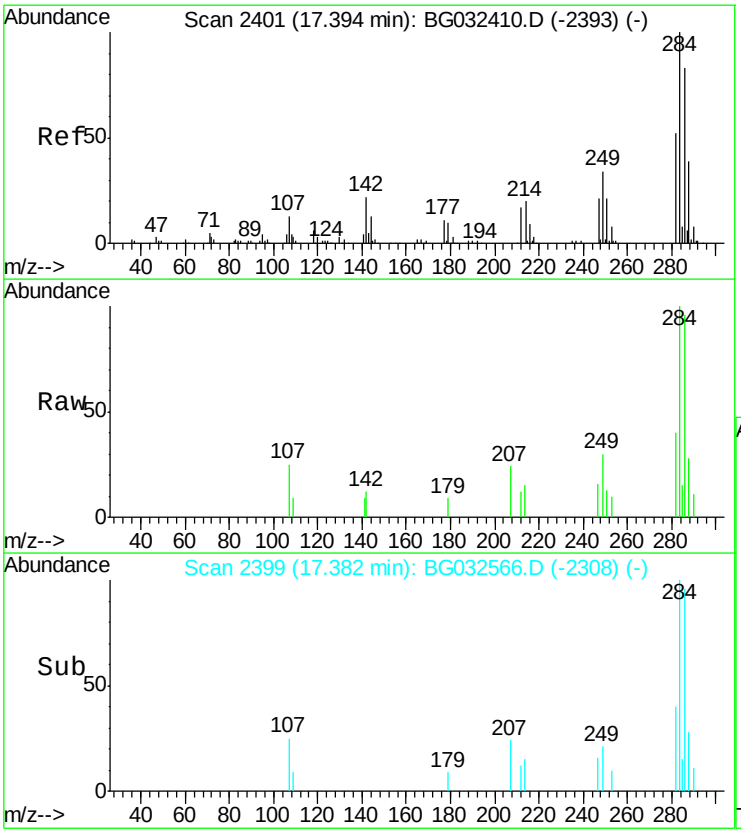
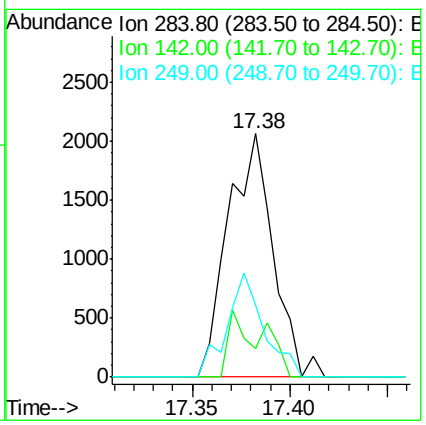


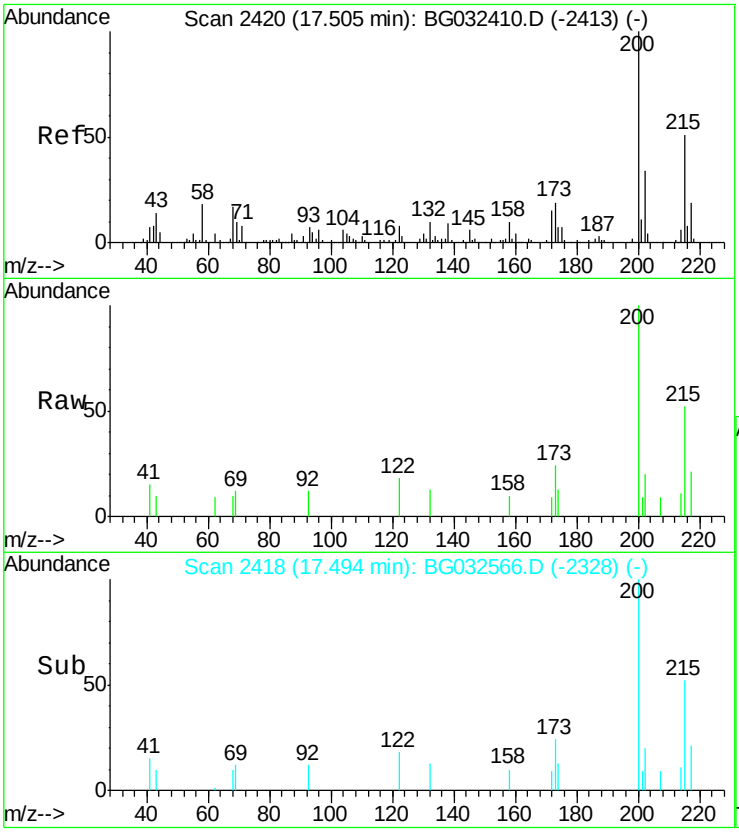


#67
Hexachlorobenzene
Concen: 1.662 ng
RT: 17.38 min Scan# 2399
Delta R.T. 0.01 min
Lab File: BG032566.D
Acq: 6 Feb 2018 15:10

Tgt Ion:284 Resp: 3302

Ion	Ratio	Lower	Upper
284	100		
142	11.8	26.8	40.2#
249	29.6	26.3	39.5





#68
Atrazine
Concen: 1.492 ng
RT: 17.49 min Scan# 2418
Delta R.T. 0.00 min
Lab File: BG032566.D
Acq: 6 Feb 2018 15:10

Tgt Ion:200 Resp: 2317

Ion	Ratio	Lower	Upper
200	100		
173	23.9	5.2	45.2
215	52.4	30.4	70.4

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

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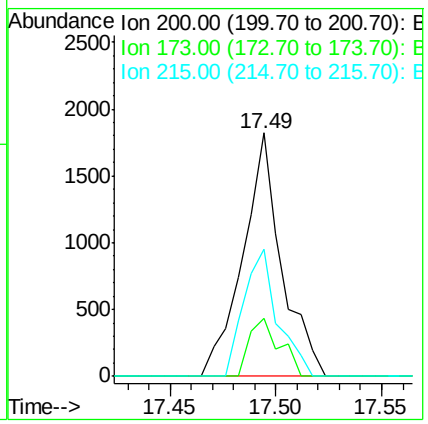
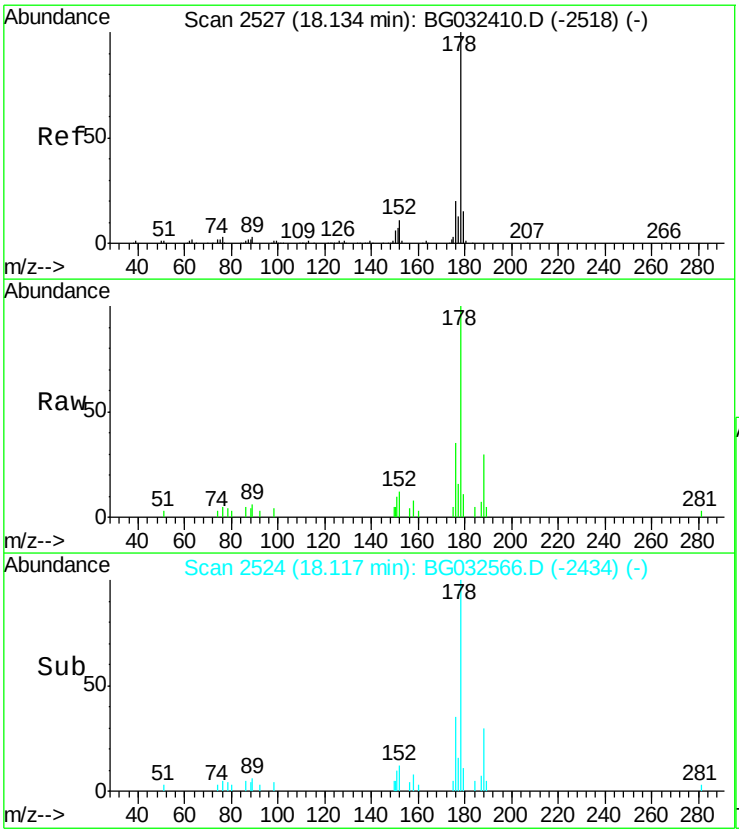
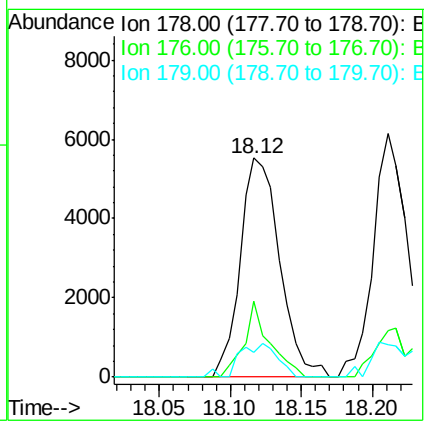


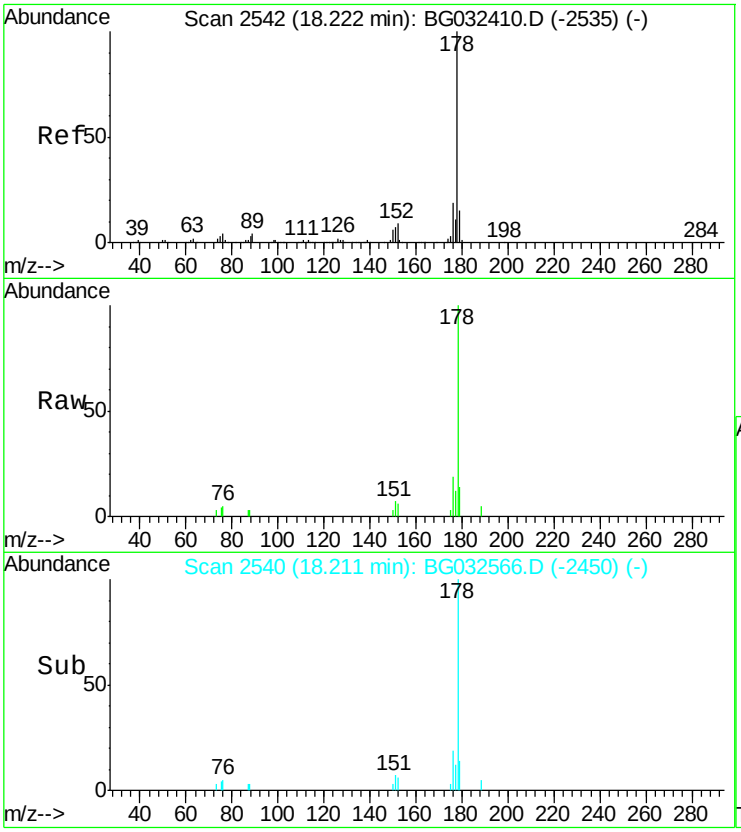


#70
Phenanthrene
Concen: 1.576 ng m
RT: 18.12 min Scan# 2524
Delta R.T. 0.00 min
Lab File: BG032566.D
Acq: 6 Feb 2018 15:10

Tgt Ion:178 Resp: 10650

Ion	Ratio	Lower	Upper
178	100		
176	34.6	15.7	23.5#
179	11.2	12.5	18.7#

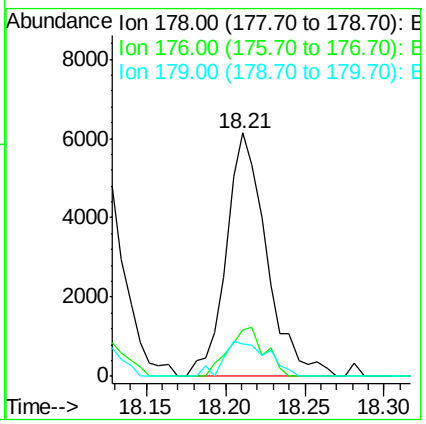




#71
Anthracene
Concen: 1.608 ng
RT: 18.21 min Scan# 2540
Delta R.T. 0.00 min
Lab File: BG032566.D
Acq: 6 Feb 2018 15:10

Tgt Ion:178 Resp: 10817

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.0	24.0
179	13.5	12.5	18.7



Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

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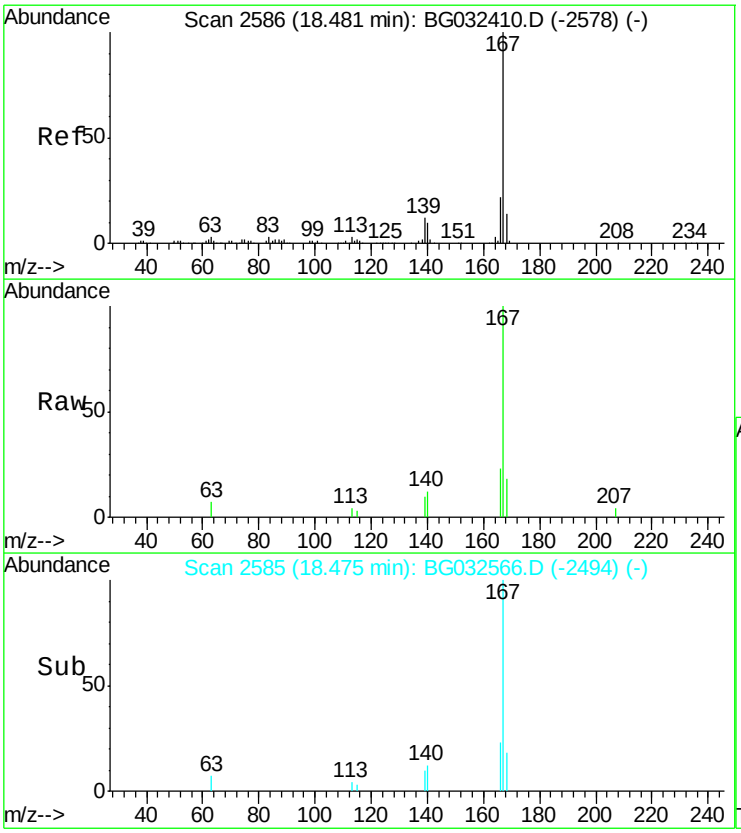
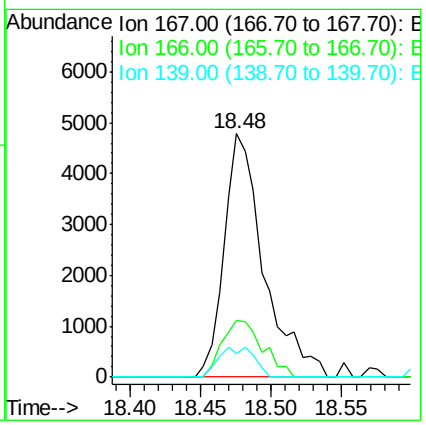
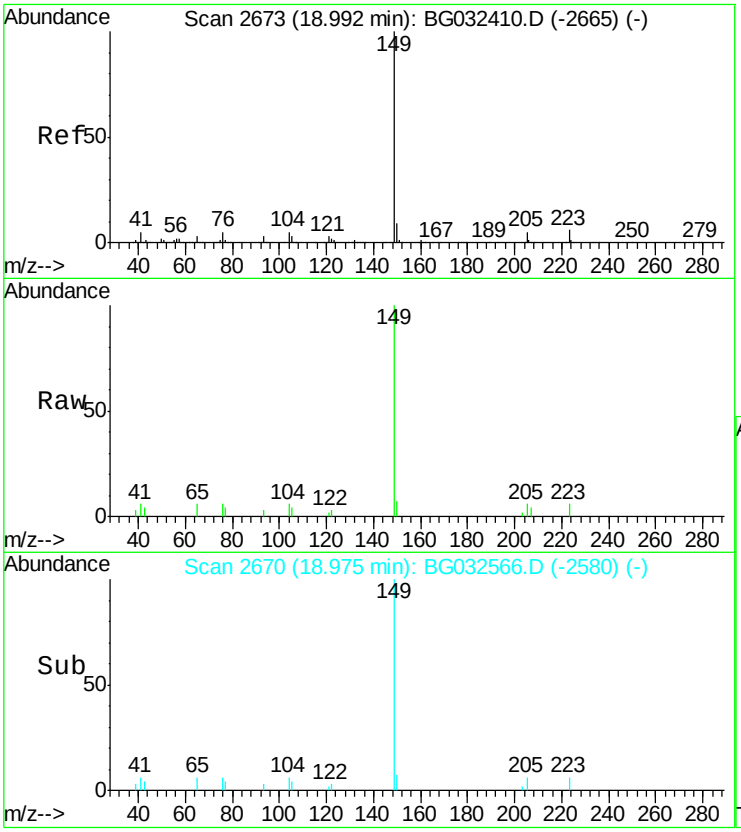


#72
Carbazole
Concen: 1.572 ng
RT: 18.48 min Scan# 2585
Delta R.T. 0.01 min
Lab File: BG032566.D
Acq: 6 Feb 2018 15:10

Tgt Ion:167 Resp: 9346

Ion	Ratio	Lower	Upper
167	100		
166	23.4	18.2	27.4
139	9.5	9.4	14.2





#73
Di-n-butylphthalate
Concen: 1.443 ng
RT: 18.97 min Scan# 2670
Delta R.T. 0.00 min
Lab File: BG032566.D
Acq: 6 Feb 2018 15:10

Tgt Ion:149 Resp: 9499

Ion	Ratio	Lower	Upper
149	100		
150	7.4	7.8	11.6#
104	6.1	3.9	5.9#

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

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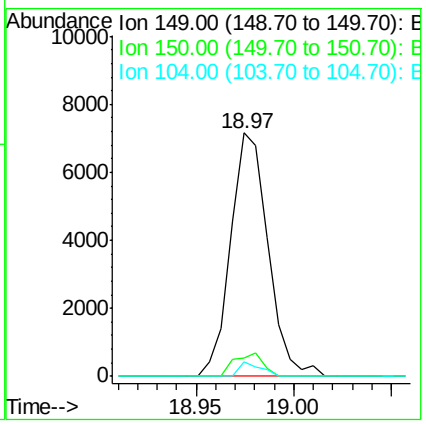
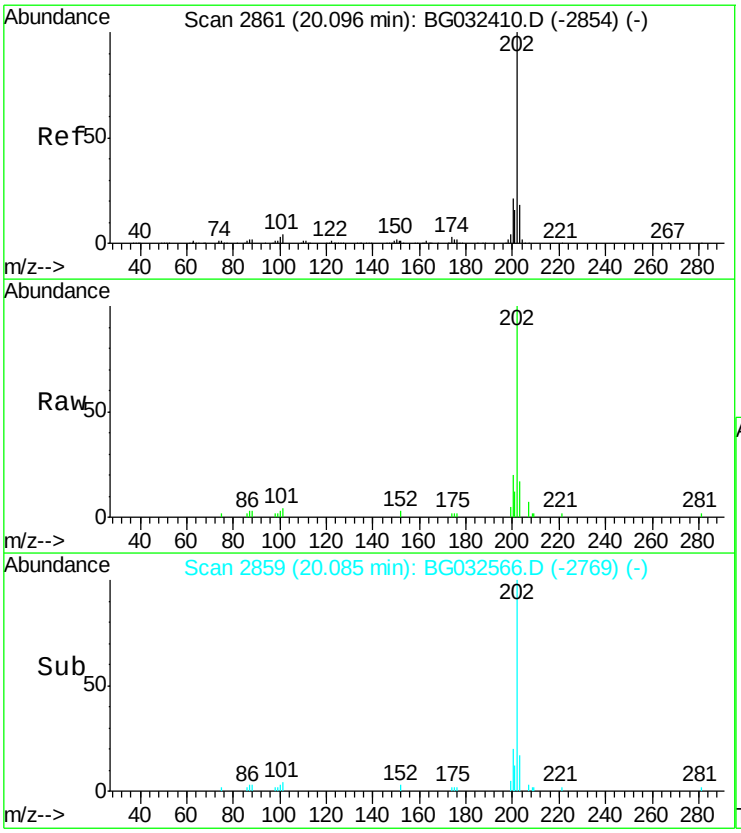
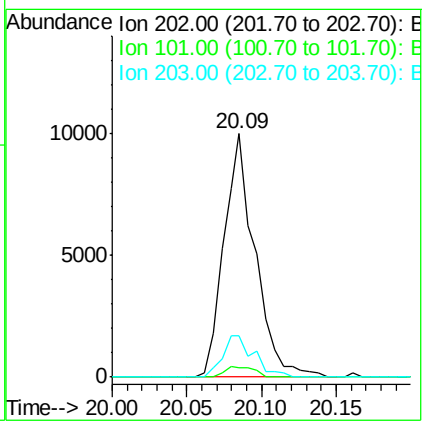


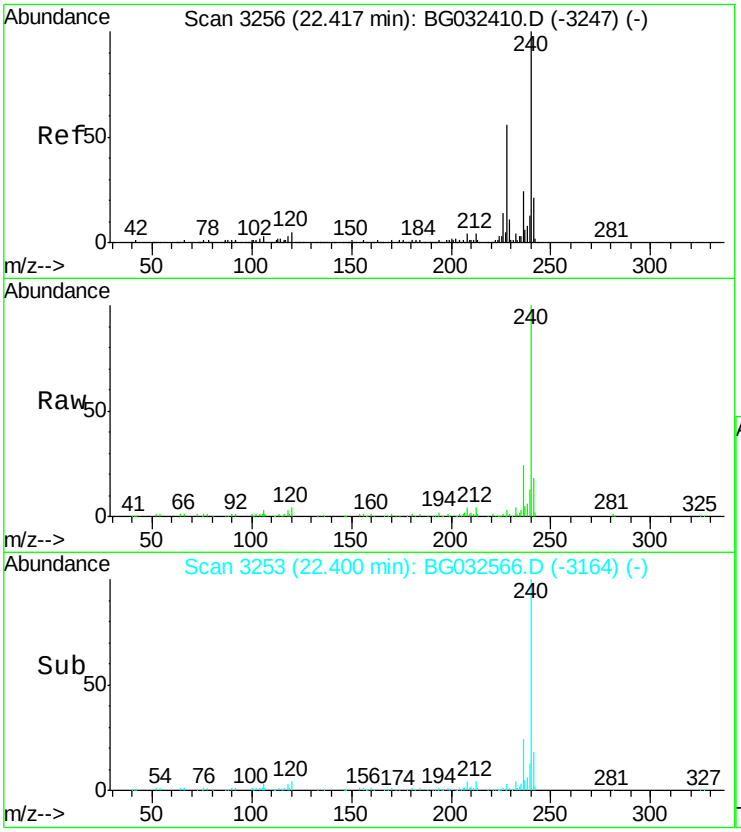


#74
Fluoranthene
Concen: 1.646 ng
RT: 20.09 min Scan# 2859
Delta R.T. 0.00 min
Lab File: BG032566.D
Acq: 6 Feb 2018 15:10

Tgt Ion:202 Resp: 14587

Ion	Ratio	Lower	Upper
202	100		
101	4.0	0.0	28.9
203	17.0	0.0	37.5





#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.40 min Scan# 3253
Delta R.T. -0.01 min
Lab File: BG032566.D
Acq: 6 Feb 2018 15:10

Tgt Ion:240 Resp: 172875

Ion	Ratio	Lower	Upper
240	100		
120	4.4	6.8	10.2#
236	24.1	20.9	31.3

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

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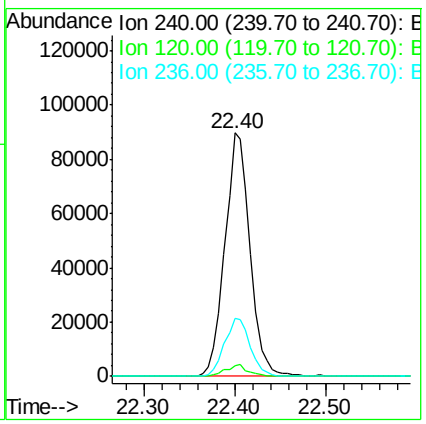
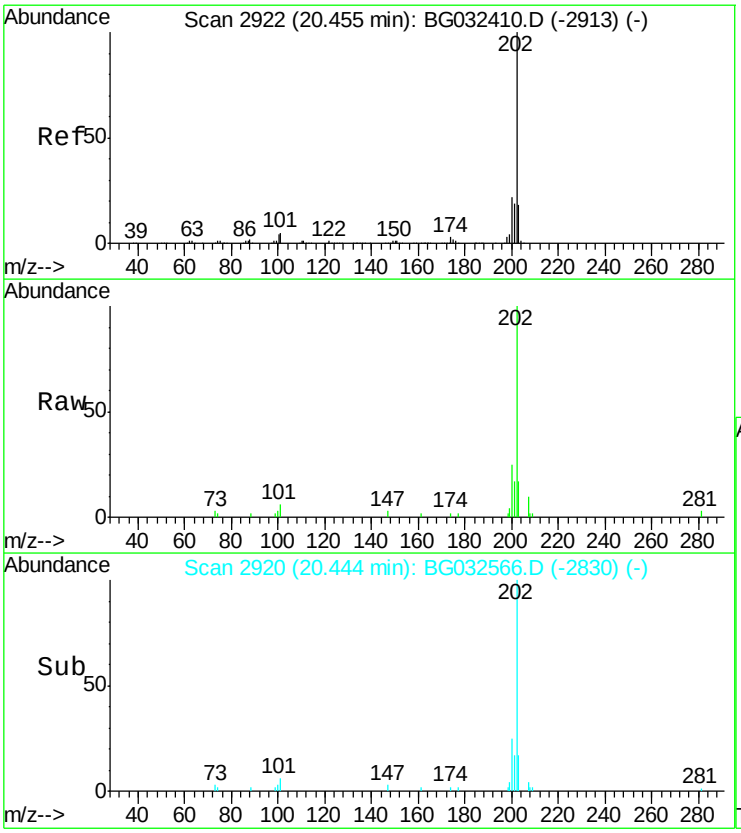
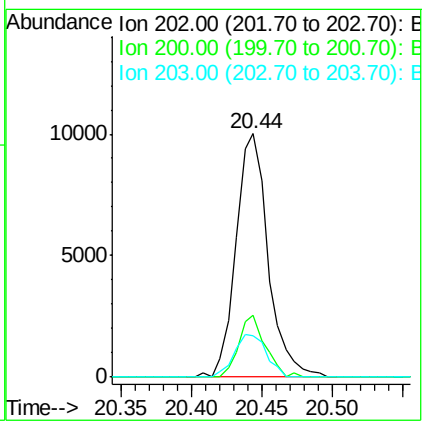


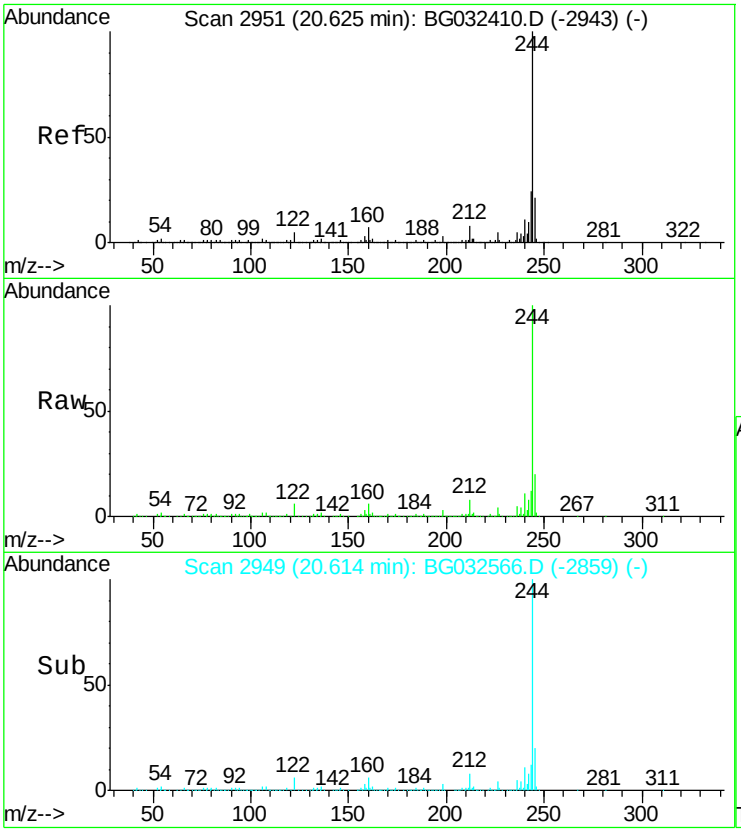


#77
Pyrene
Concen: 1.497 ng
RT: 20.44 min Scan# 2920
Delta R.T. 0.00 min
Lab File: BG032566.D
Acq: 6 Feb 2018 15:10

Tgt Ion:202 Resp: 15875

Ion	Ratio	Lower	Upper
202	100		
200	25.2	16.9	25.3
203	17.2	13.9	20.9

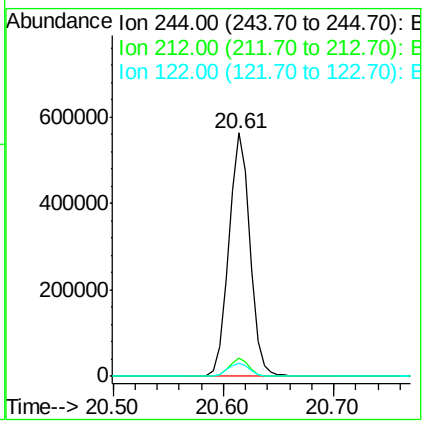




#78
Terphenyl-d14
Concen: 94.162 ng
RT: 20.61 min Scan# 2949
Delta R.T. 0.00 min
Lab File: BG032566.D
Acq: 6 Feb 2018 15:10

Tgt Ion:244 Resp: 759929

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	5.5	7.0	10.4#



Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

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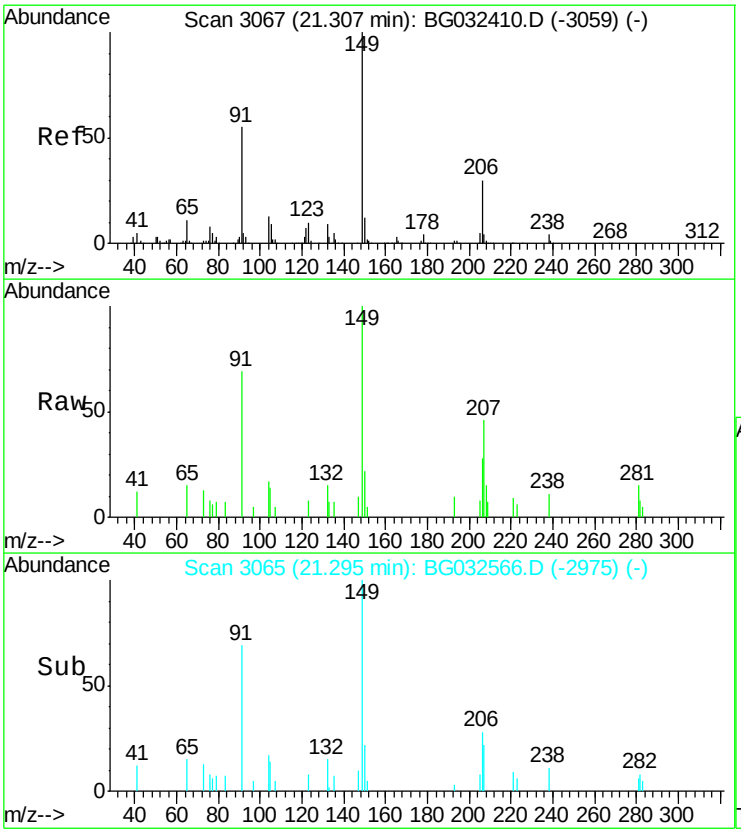
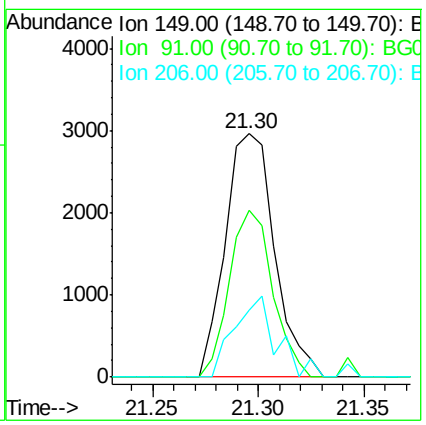
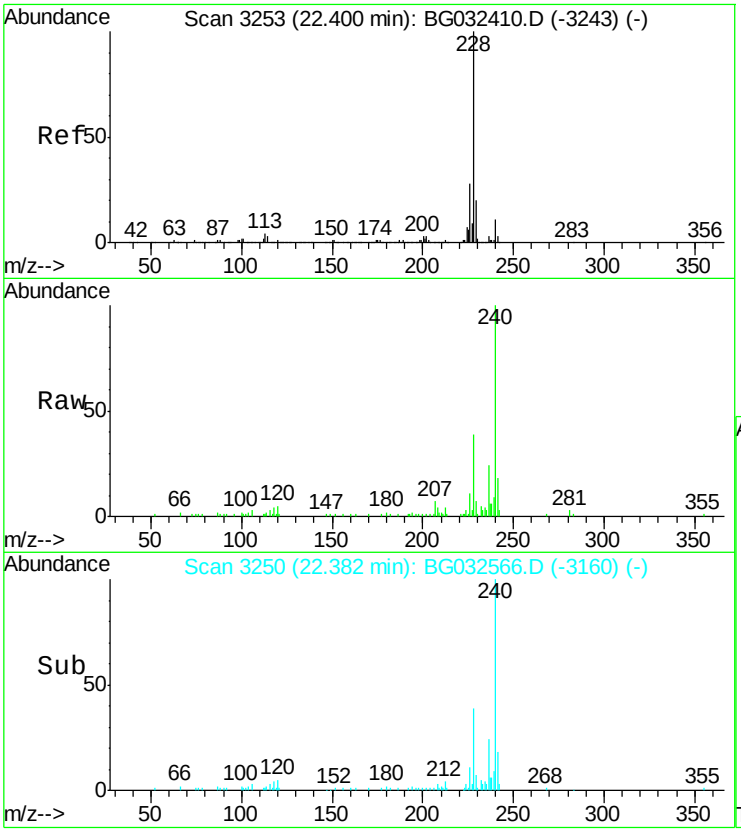


#79
Butylbenzylphthalate
Concen: 1.432 ng
RT: 21.30 min Scan# 3065
Delta R.T. 0.00 min
Lab File: BG032566.D
Acq: 6 Feb 2018 15:10

Tgt Ion:149 Resp: 4789

Ion	Ratio	Lower	Upper
149	100		
91	68.6	62.2	93.2
206	27.6	18.6	27.8

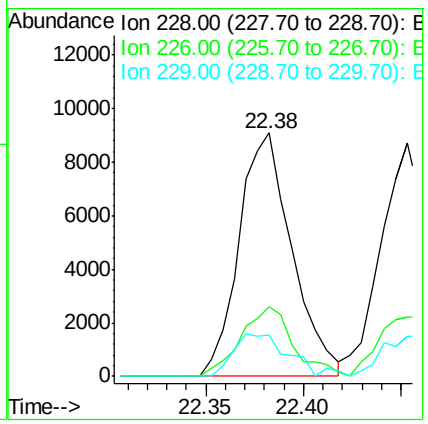




#80
Benzo(a)anthracene
Concen: 1.589 ng
RT: 22.38 min Scan# 3250
Delta R.T. 0.00 min
Lab File: BG032566.D
Acq: 6 Feb 2018 15:10

Tgt Ion:228 Resp: 17035

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.7	34.1
229	16.8	16.2	24.2



Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

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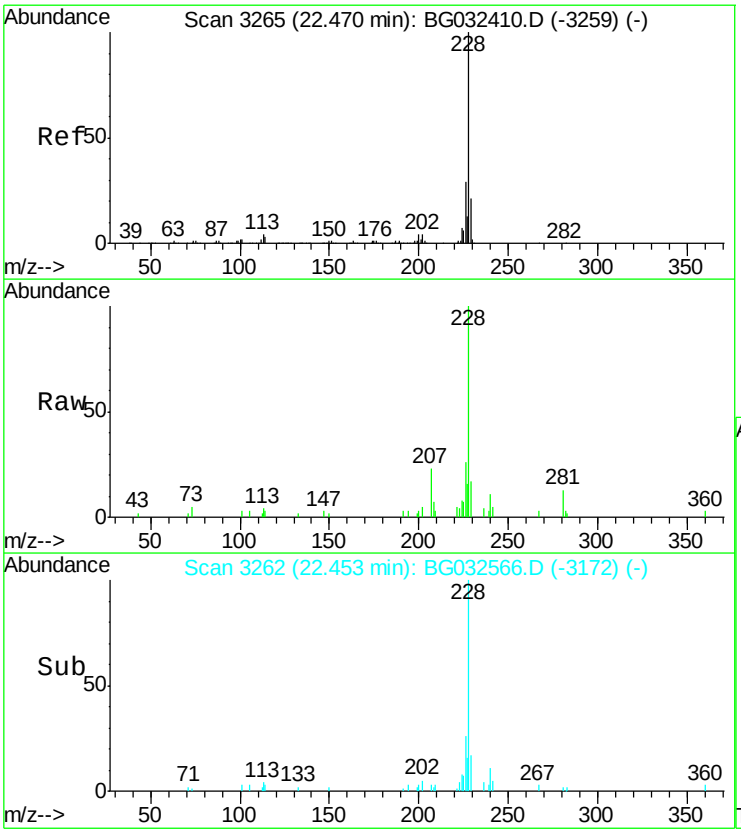
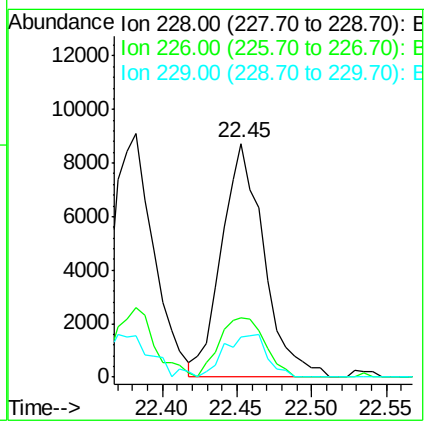
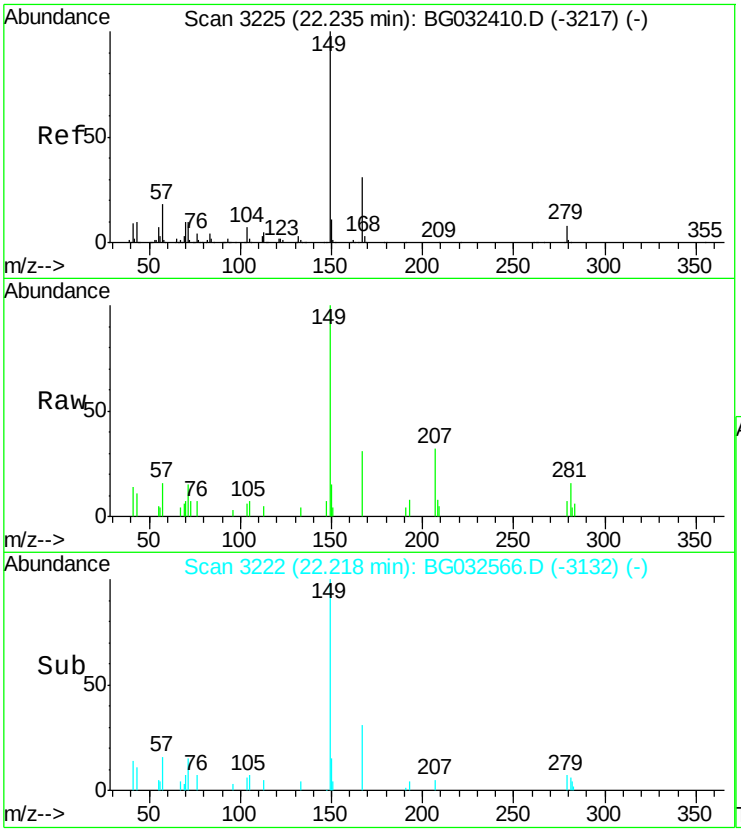


#82
Chrysene
Concen: 1.669 ng
RT: 22.45 min Scan# 3262
Delta R.T. 0.00 min
Lab File: BG032566.D
Acq: 6 Feb 2018 15:10

Tgt Ion:228 Resp: 17276

Ion	Ratio	Lower	Upper
228	100		
226	25.5	24.9	37.3
229	17.4	15.0	22.4





#83
Bis(2-ethylhexyl)phthalate
Concen: 1.524 ng
RT: 22.22 min Scan# 3222
Delta R.T. 0.00 min
Lab File: BG032566.D
Acq: 6 Feb 2018 15:10

Tgt Ion:149 Resp: 7226

Ion	Ratio	Lower	Upper
149	100		
167	30.9	24.3	36.5
279	7.1	4.0	6.0#

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

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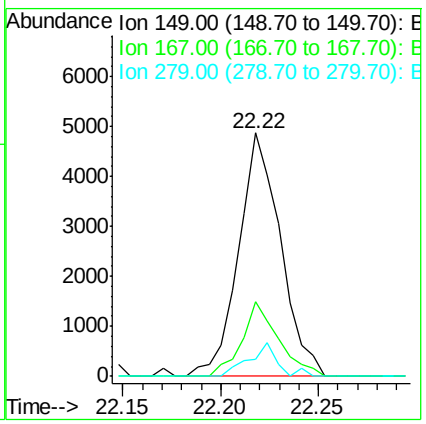
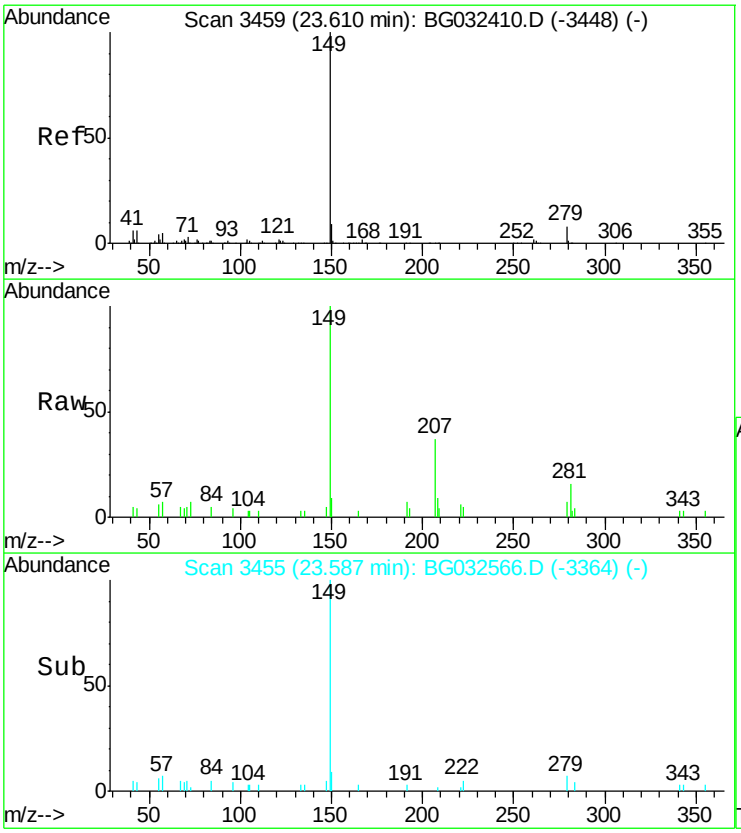
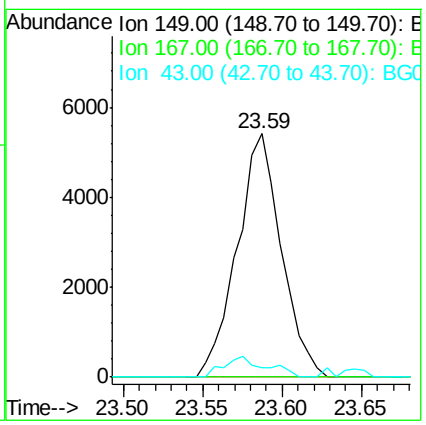


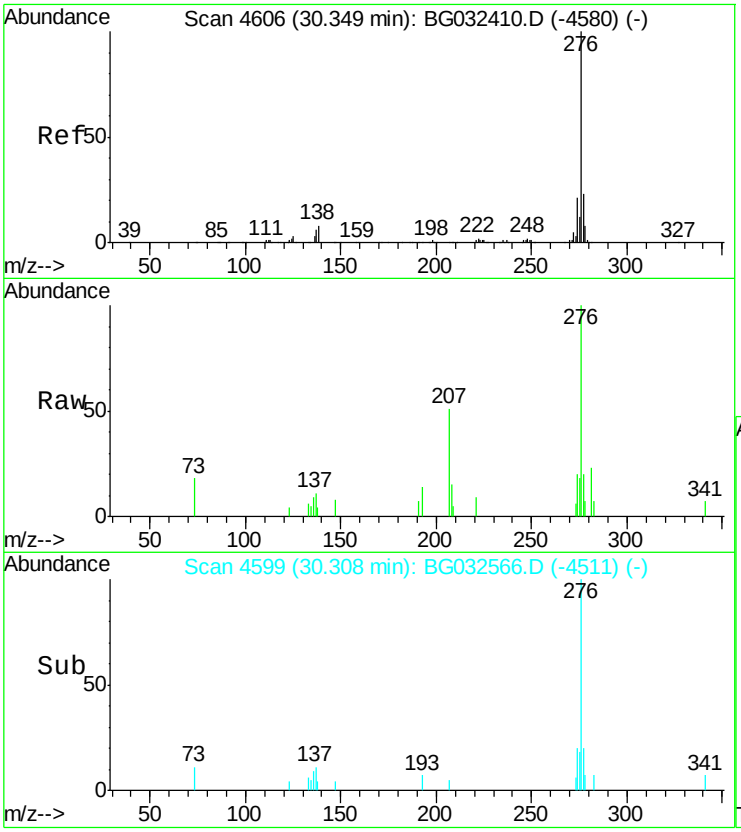


#84
Di-n-octyl phthalate
Concen: 1.394 ng
RT: 23.59 min Scan# 3455
Delta R.T. 0.01 min
Lab File: BG032566.D
Acq: 6 Feb 2018 15:10

Tgt Ion:149 Resp: 10482

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.4	2.0#
43	8.2	8.9	13.3#





#85
Indeno(1,2,3-cd)pyrene
Concen: 1.617 ng
RT: 30.31 min Scan# 4599
Delta R.T. -0.01 min
Lab File: BG032566.D
Acq: 6 Feb 2018 15:10

Tgt Ion:276 Resp: 21169

Ion	Ratio	Lower	Upper
276	100		
138	2.1	16.0	24.0#
277	0.0	20.0	30.0#

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

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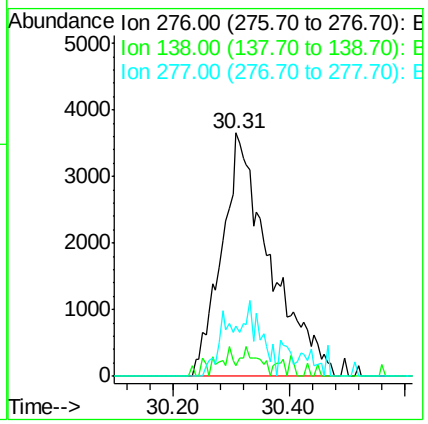
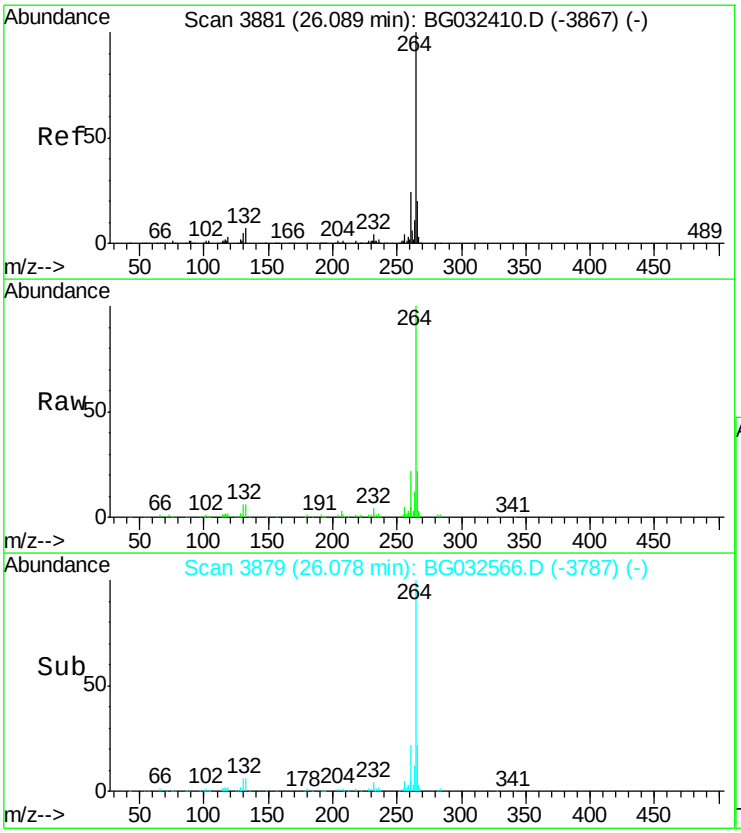
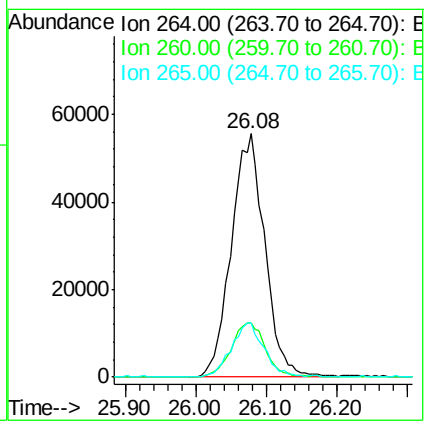


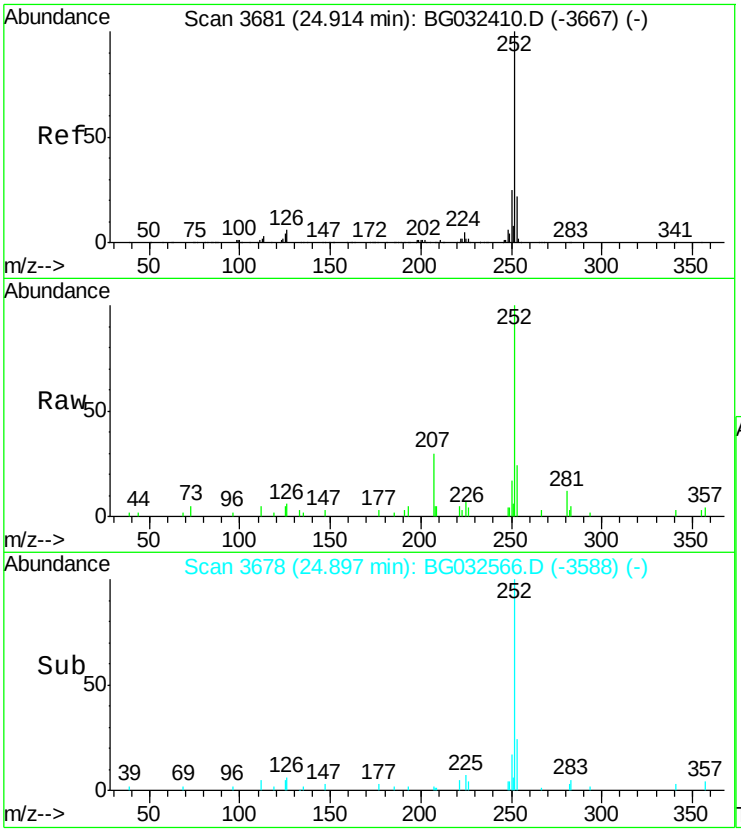


#86
Perylene-d12
Concen: 20.000 ng
RT: 26.08 min Scan# 3879
Delta R.T. 0.01 min
Lab File: BG032566.D
Acq: 6 Feb 2018 15:10

Tgt Ion:264 Resp: 183145

Ion	Ratio	Lower	Upper
264	100		
260	22.3	17.4	26.0
265	22.4	17.7	26.5





#87
Benzo(b)fluoranthene
Concen: 1.570 ng
RT: 24.90 min Scan# 3678
Delta R.T. 0.00 min
Lab File: BG032566.D
Acq: 6 Feb 2018 15:10

Tgt Ion:252 Resp: 17374

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.2	27.4
125	5.1	7.2	10.8#

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

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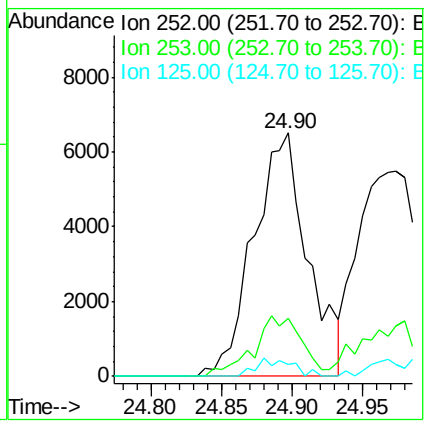
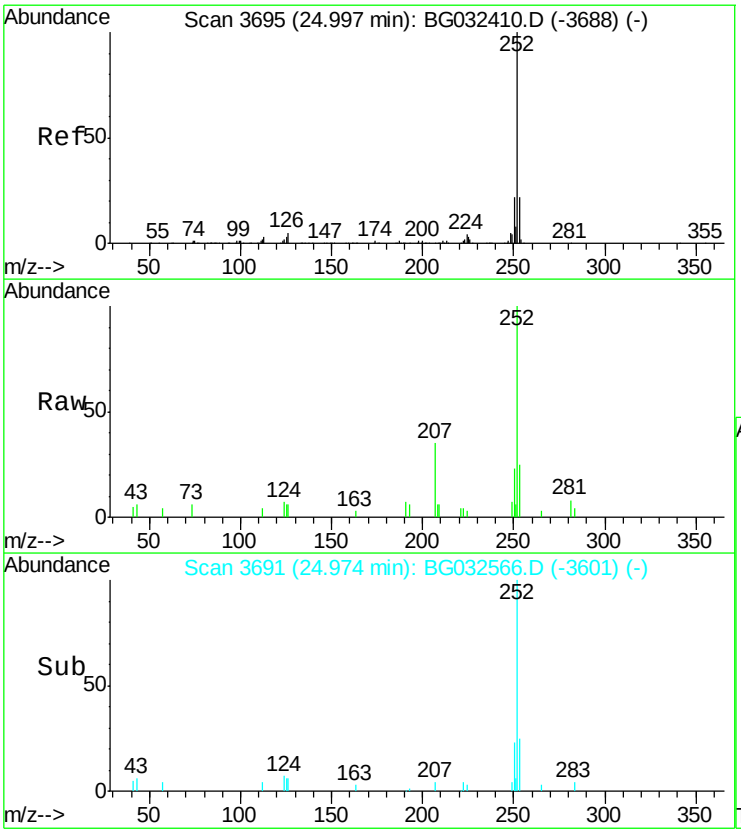
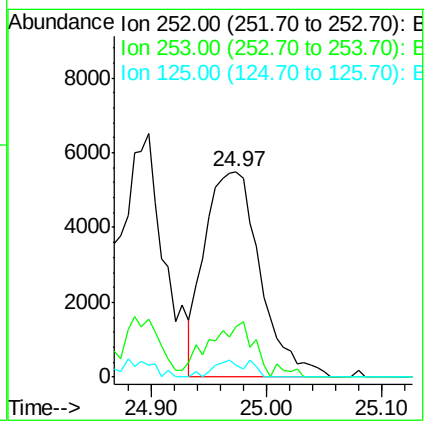


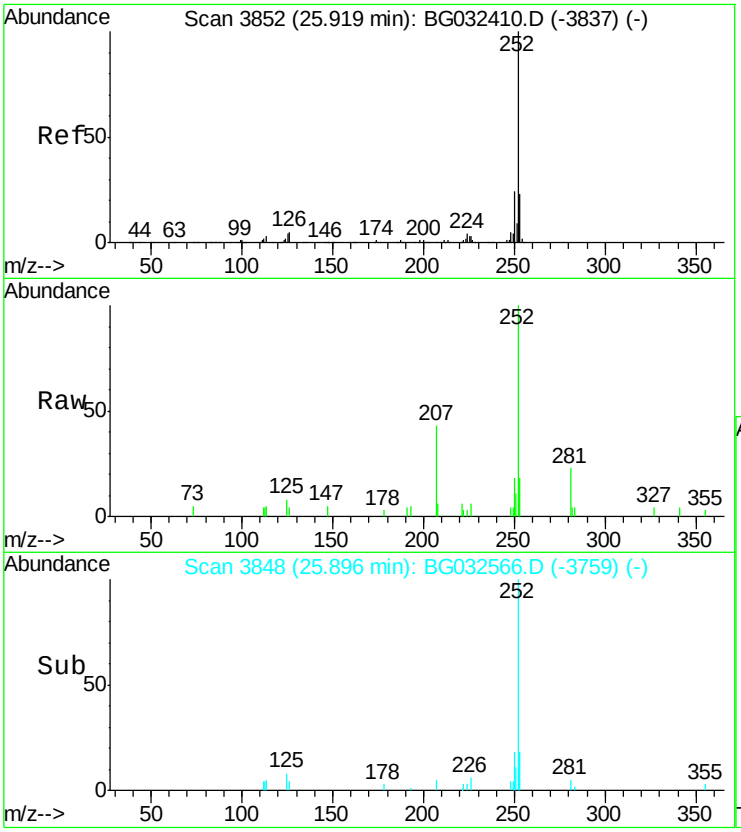


#88
Benzo(k)fluoranthene
Concen: 1.668 ng
RT: 24.97 min Scan# 3691
Delta R.T. 0.00 min
Lab File: BG032566.D
Acq: 6 Feb 2018 15:10

Tgt Ion:252 Resp: 18287

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.4	26.2
125	6.0	6.6	9.8#

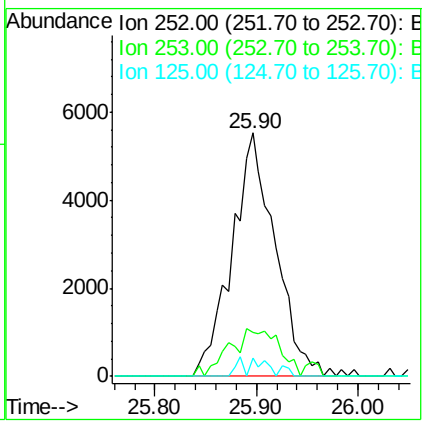




#89
Benzo(a)pyrene
Concen: 1.553 ng
RT: 25.90 min Scan# 3848
Delta R.T. -0.01 min
Lab File: BG032566.D
Acq: 6 Feb 2018 15:10

Tgt Ion:252 Resp: 16385

Ion	Ratio	Lower	Upper
252	100		
253	18.0	18.3	27.5#
125	7.7	7.3	10.9



Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

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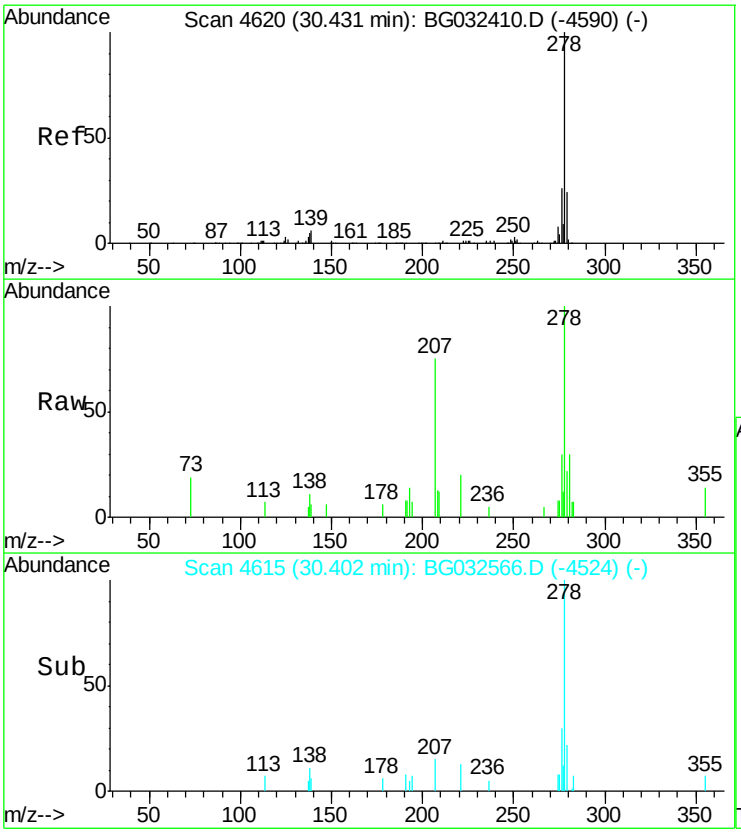
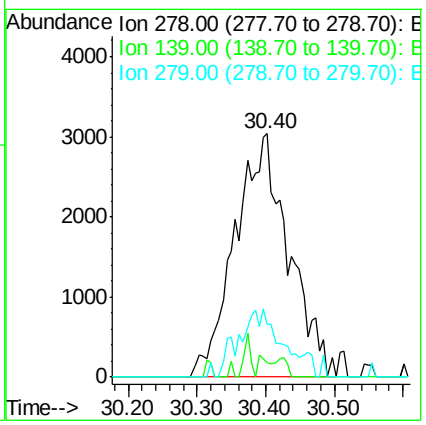
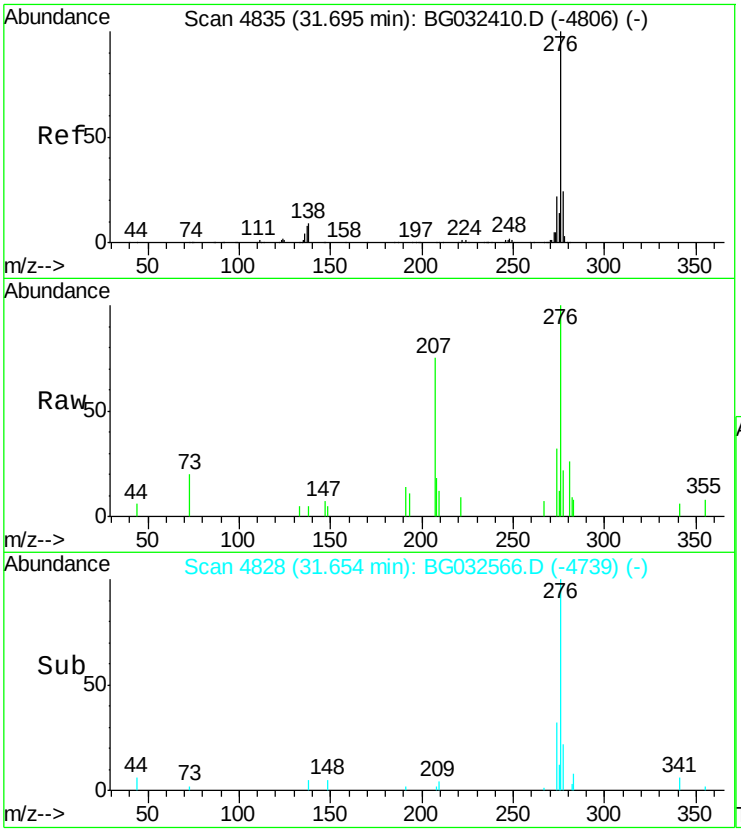


#90
Dibenzo(a,h)anthracene
Concen: 1.534 ng
RT: 30.40 min Scan# 4615
Delta R.T. 0.01 min
Lab File: BG032566.D
Acq: 6 Feb 2018 15:10

Tgt Ion:278 Resp: 16554

Ion	Ratio	Lower	Upper
278	100		
139	6.1	9.8	14.6#
279	21.5	18.4	27.6

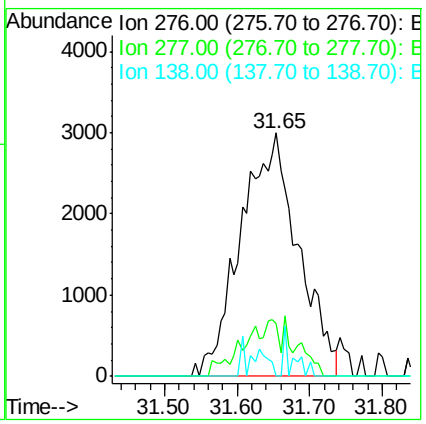




#91
Benzo(g,h,i)perylene
Concen: 1.538 ng
RT: 31.65 min Scan# 4828
Delta R.T. -0.01 min
Lab File: BG032566.D
Acq: 6 Feb 2018 15:10

Tgt Ion:276 Resp: 16479

Ion	Ratio	Lower	Upper
276	100		
277	21.7	18.3	27.5
138	0.0	13.9	20.9#



Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

Manual Integrations APPROVED
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