Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072518\
Data File : BG035870.D
Acq On : 25 Jul 2018 12:36
Operator : JU/SJ
Sample : J3762-09
Misc : MDL 2PPM
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT3-2018

Quant Time: Jul 25 13:37:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 25 11:04:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	39383	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	146510	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	103941	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	281167	20.00	ng		0.00
75) Chrysene-d12	21.66	240	298051	20.00	ng		0.00
86) Perylene-d12	24.85	264	285153	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	297542	125.43	ng		0.00
7) Phenol-d6	7.19	99	414459	117.11	ng		0.00
23) Nitrobenzene-d5	9.19	82	293100	83.57	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	187651	136.97	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	690503	89.00	ng		0.00
78) Terphenyl-d14	20.00	244	1424774	105.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	3517	2.913	ng	#	18
9) Benzaldehyde	7.18	77	5301	2.441	ng	#	83
12) 1,3-Dichlorobenzene	7.92	146	5999	2.059	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.56	45	5653	2.408	ng		79
18) Hexachloroethane	9.11	117	2440	2.156	ng	#	71
30) 1,2,4-Trichlorobenzene	10.70	180	6235	2.101	ng	#	76
34) Hexachlorobutadiene	11.17	225	4961	2.144	ng	#	78
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	8340	2.126	ng	#	97
45) 1,1'-Biphenyl	13.49	154	16805	2.085	ng		88
46) 2-Chloronaphthalene	13.53	162	12932	2.063	ng	#	88
54) Dibenzofuran	15.05	168	21197	2.038	ng		99
55) 4-Nitrophenol	15.05	139	8577	6.354	ng	#	4
60) 4-Chlorophenyl-phenylether	15.68	204	10287	2.007	ng	#	91
67) Hexachlorobenzene	16.71	284	7043	2.097	ng	#	88
70) Phenanthrene	17.53	178	28386	2.023	ng		94
71) Anthracene	17.53	178	28386	2.032	ng		94
82) Chrysene	21.70	228	34920	2.029	ng		96
88) Benzo(k)fluoranthene	23.84	252	33917	2.002	ng		97

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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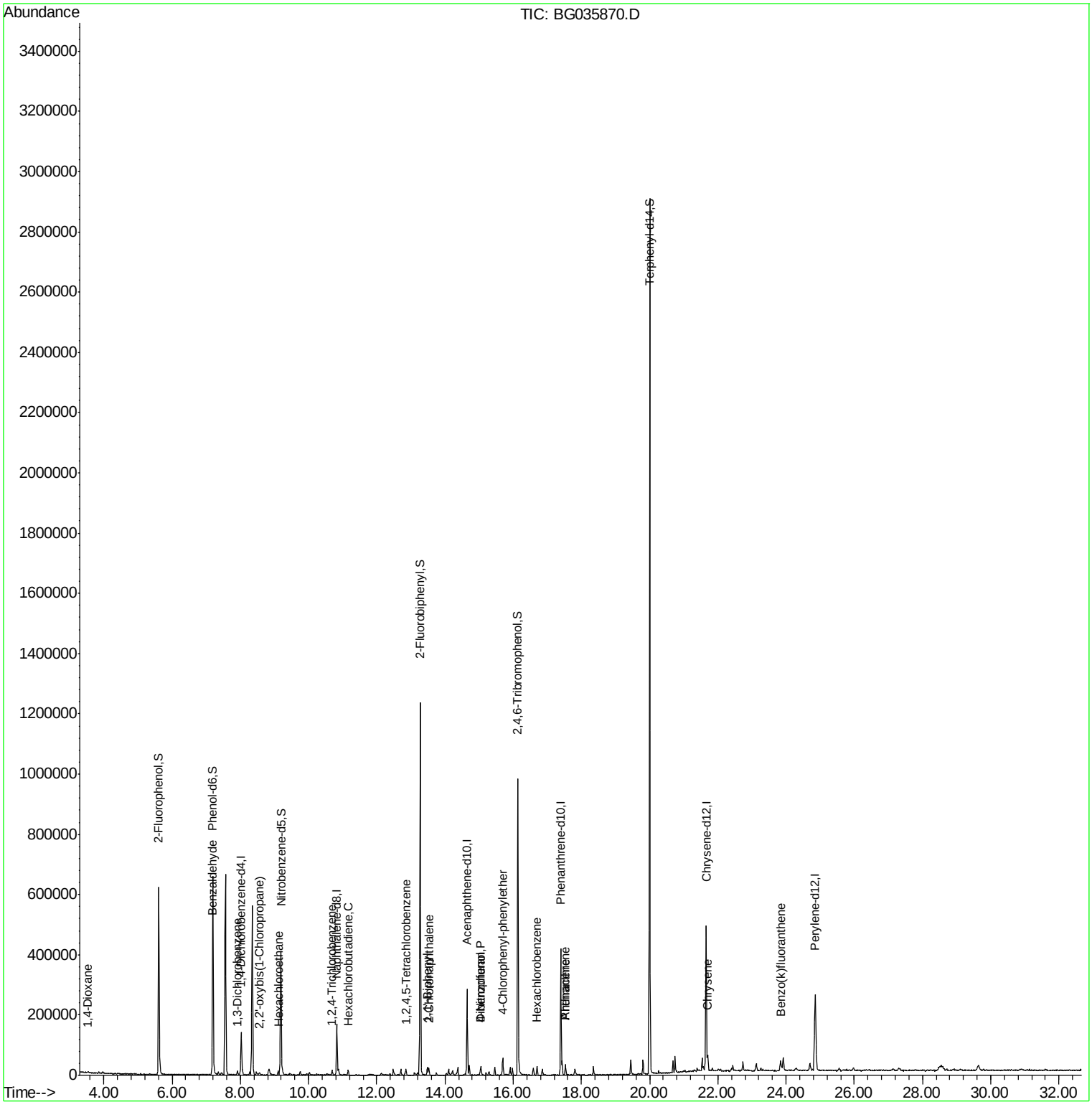
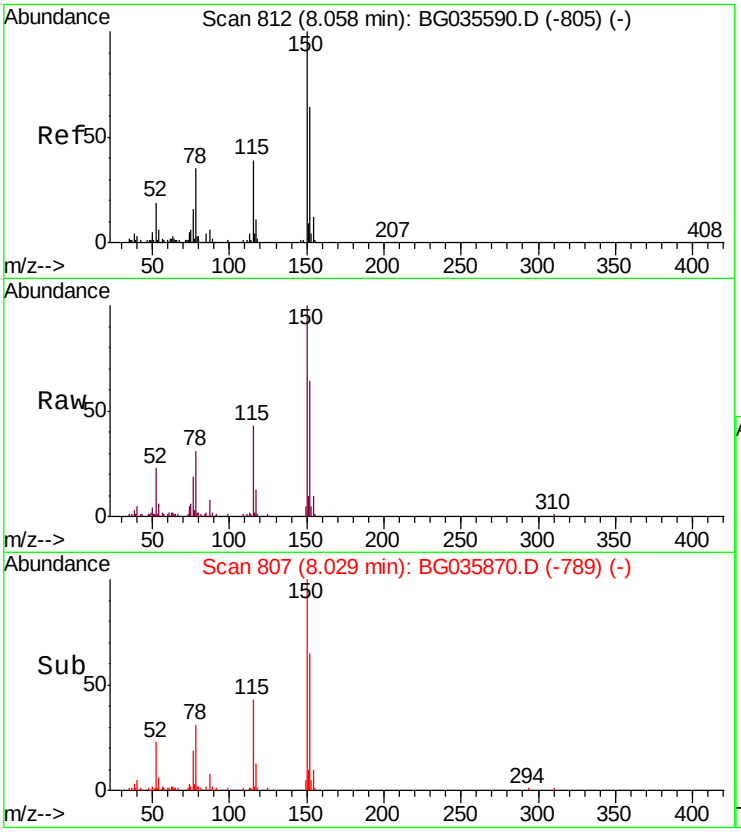


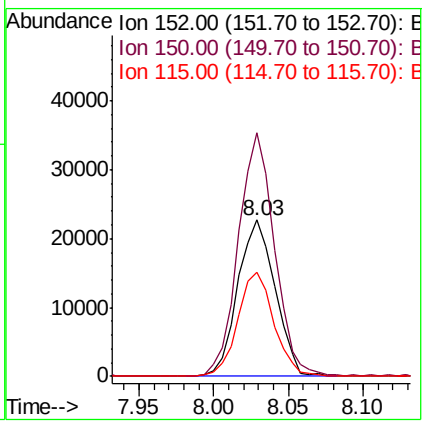


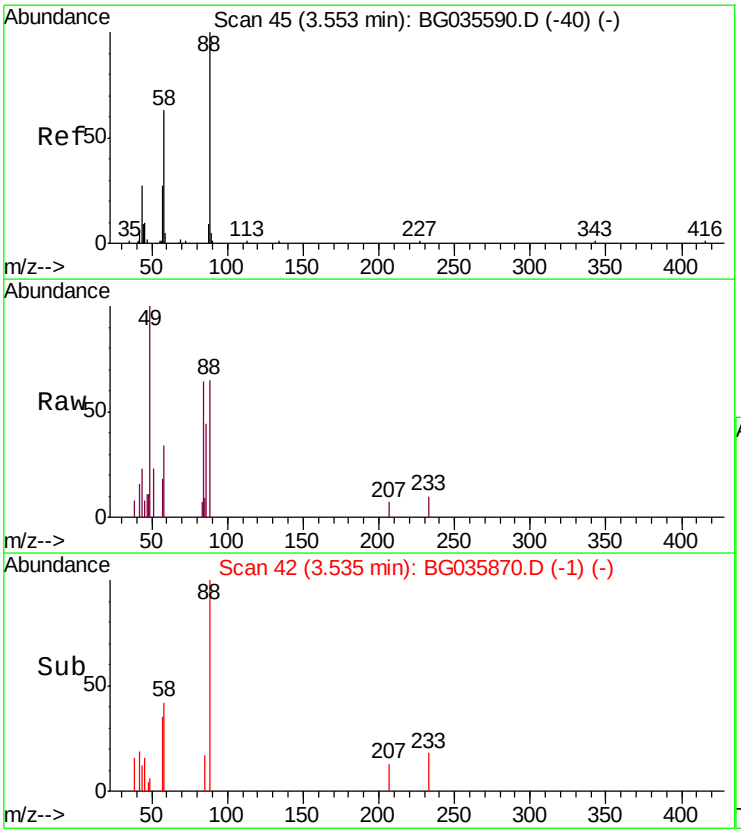
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. 0.00 min
Lab File: BG035870.D
Acq: 25 Jul 2018 12:36

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion:152 Resp: 39383

Ion	Ratio	Lower	Upper
152	100		
150	156.0	126.6	189.8
115	66.4	53.0	79.4

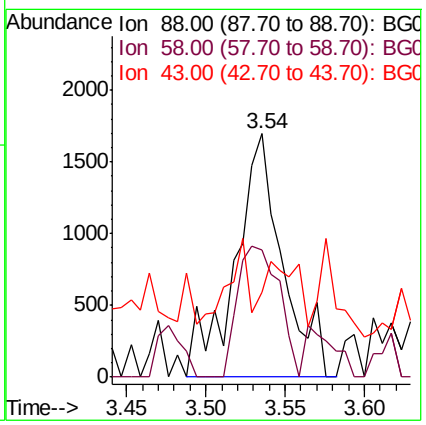


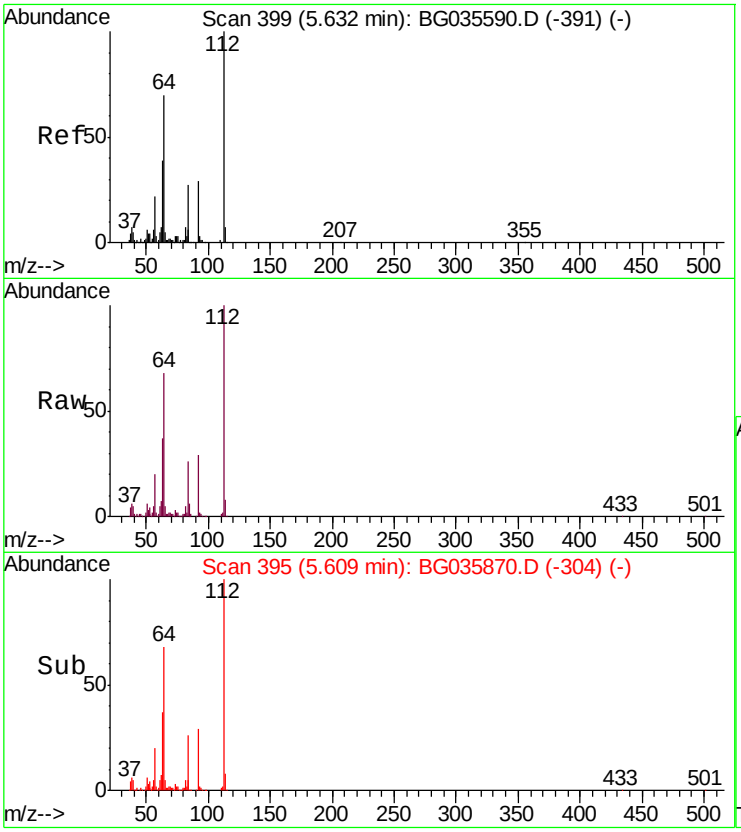


#2
1,4-Dioxane
Concen: 2.913 ng
RT: 3.54 min Scan# 42
Delta R.T. 0.01 min
Lab File: BG035870.D
Acq: 25 Jul 2018 12:36

Tgt Ion: 88 Resp: 3517

Ion	Ratio	Lower	Upper
88	100		
58	0.0	79.6	119.4#
43	16.5	27.4	41.0#



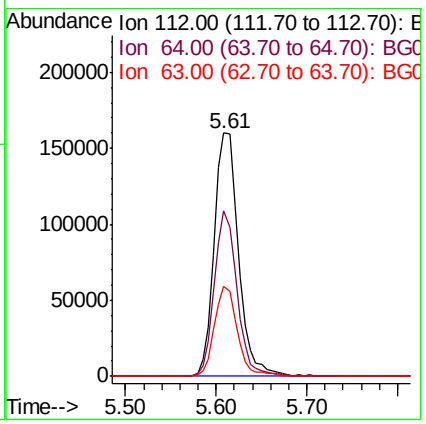


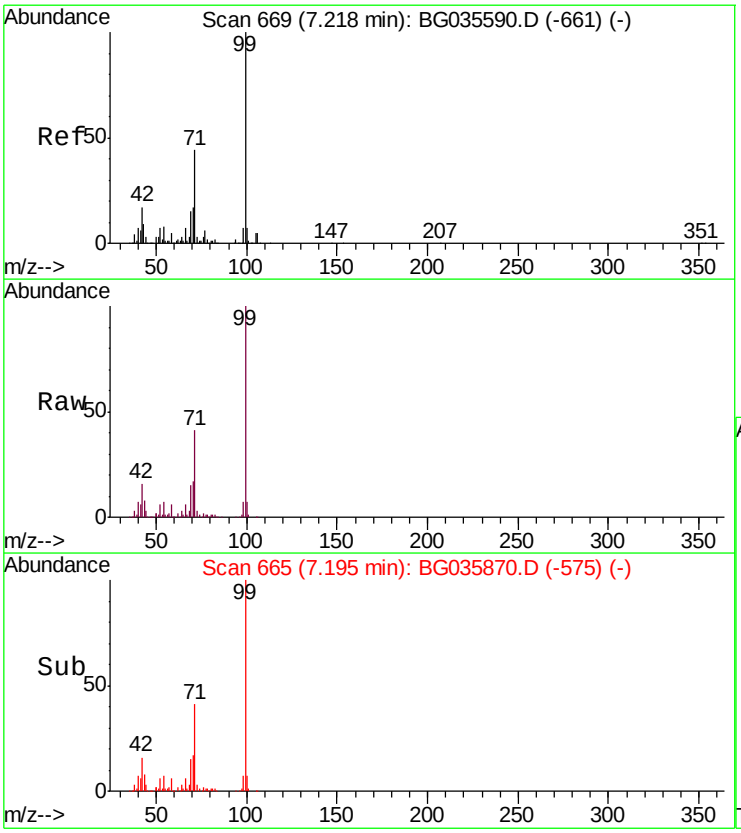
#5
2-Fluorophenol
Concen: 125.432 ng
RT: 5.61 min Scan# 395
Delta R.T. 0.00 min
Lab File: BG035870.D
Acq: 25 Jul 2018 12:36

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion:112 Resp: 297542

Ion	Ratio	Lower	Upper
112	100		
64	67.8	56.3	84.5
63	36.8	30.1	45.1

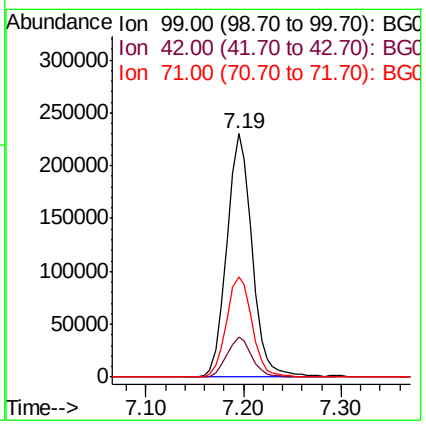


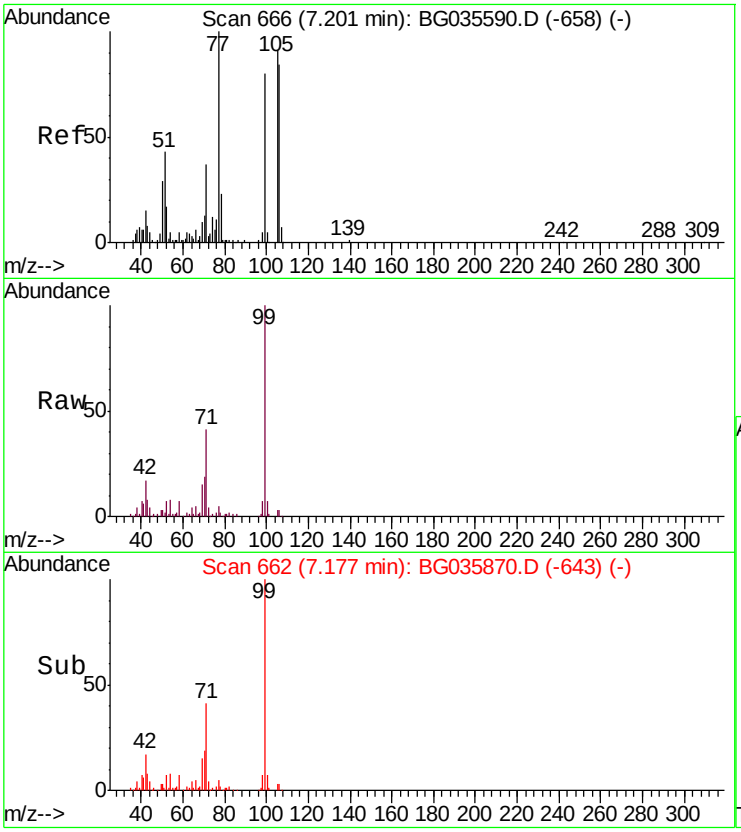


#7
Phenol-d6
Concen: 117.105 ng
RT: 7.19 min Scan# 665
Delta R.T. -0.00 min
Lab File: BG035870.D
Acq: 25 Jul 2018 12:36

Tgt Ion: 99 Resp: 414459

Ion	Ratio	Lower	Upper
99	100		
42	16.5	14.1	21.1
71	41.2	26.1	39.1#



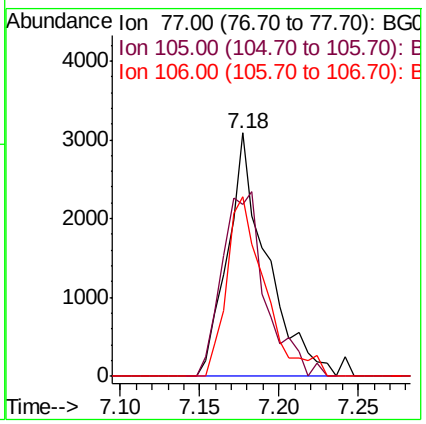


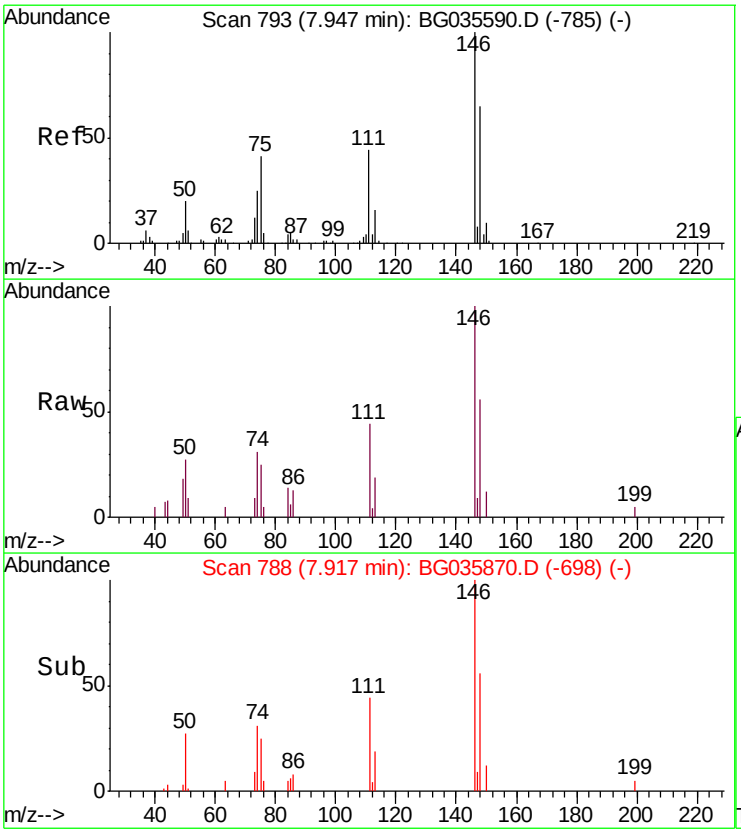
#9
Benzaldehyde
Concen: 2.441 ng
RT: 7.18 min Scan# 662
Delta R.T. 0.01 min
Lab File: BG035870.D
Acq: 25 Jul 2018 12:36

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion: 77 Resp: 5301

Ion	Ratio	Lower	Upper
77	100		
105	70.9	71.3	111.3#
106	73.9	64.2	104.2

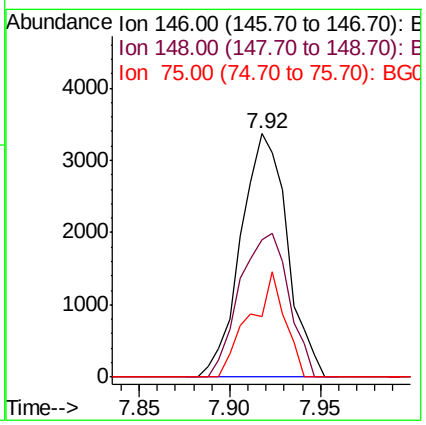


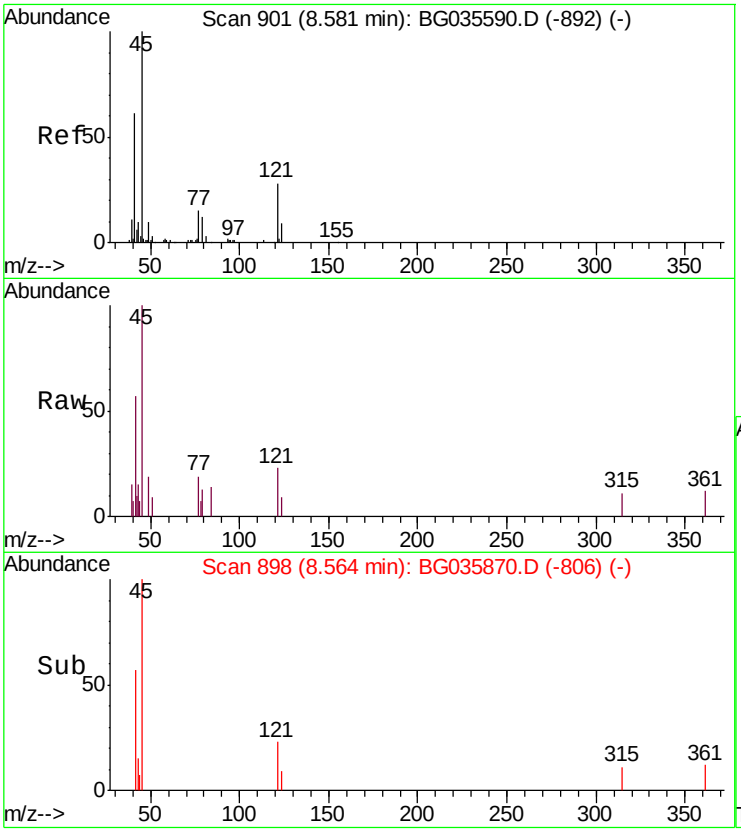


#12
1,3-Dichlorobenzene
Concen: 2.059 ng
RT: 7.92 min Scan# 788
Delta R.T. -0.00 min
Lab File: BG035870.D
Acq: 25 Jul 2018 12:36

Tgt Ion:146 Resp: 5999

Ion	Ratio	Lower	Upper
146	100		
148	56.3	51.4	77.2
75	24.7	26.6	39.8#



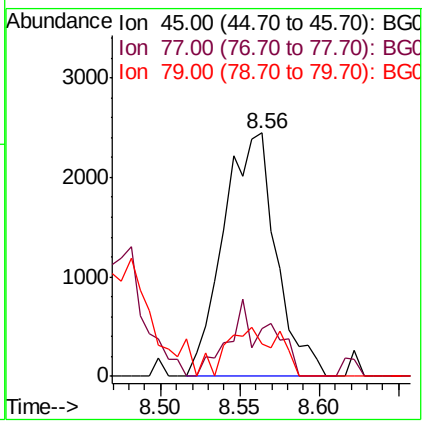


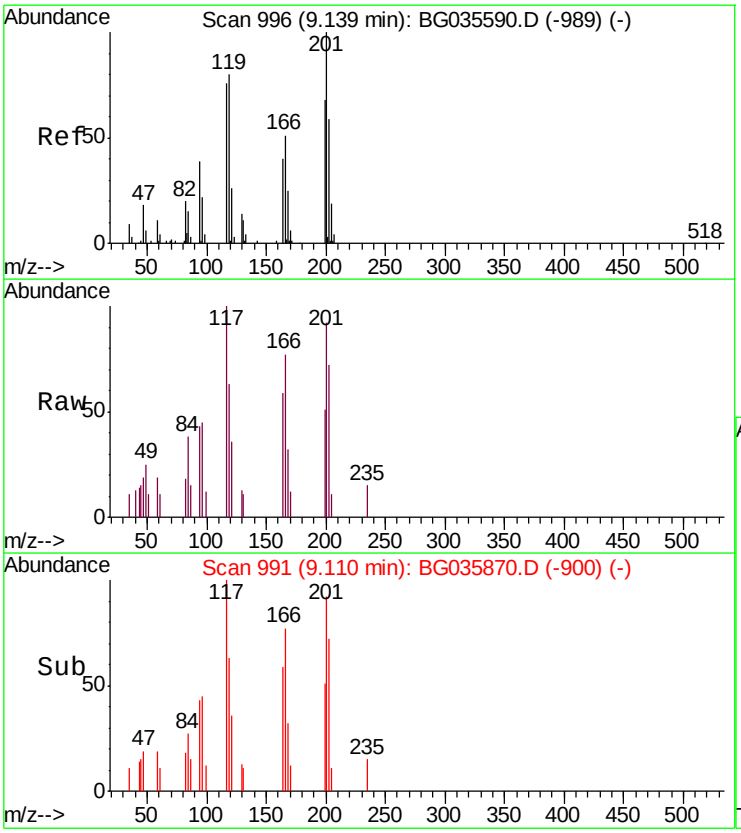
#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.408 ng
RT: 8.56 min Scan# 898
Delta R.T. 0.01 min
Lab File: BG035870.D
Acq: 25 Jul 2018 12:36

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion: 45 Resp: 5653

Ion	Ratio	Lower	Upper
45	100		
77	19.4	0.0	30.2
79	13.5	0.0	27.9

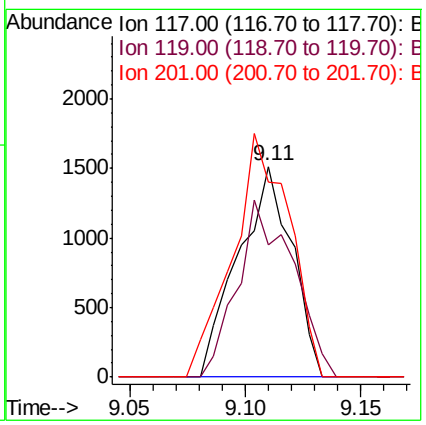


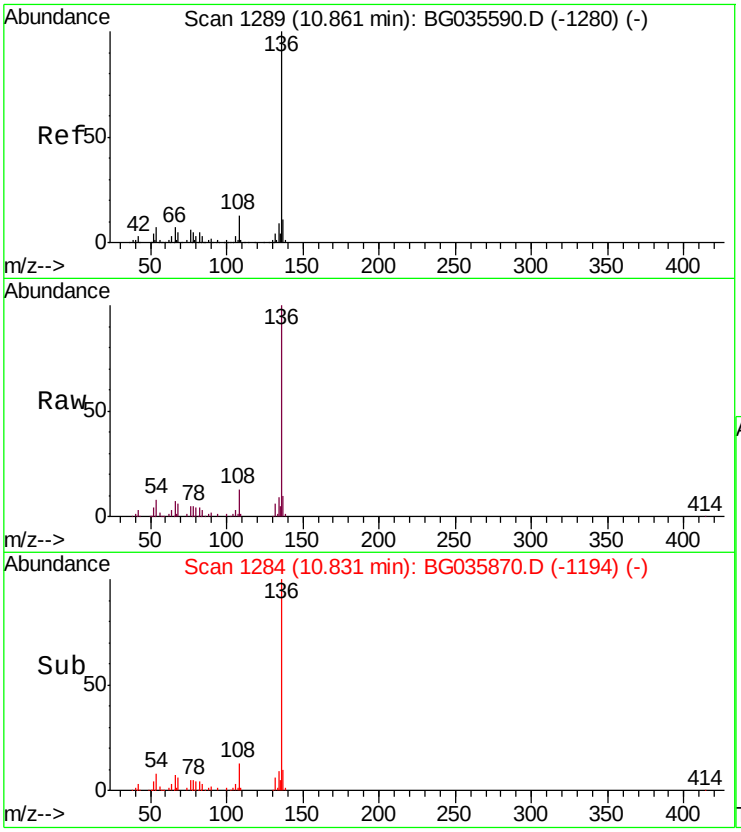


#18
Hexachloroethane
Concen: 2.156 ng
RT: 9.11 min Scan# 991
Delta R.T. 0.00 min
Lab File: BG035870.D
Acq: 25 Jul 2018 12:36

Tgt Ion:117 Resp: 2440

Ion	Ratio	Lower	Upper
117	100		
119	62.5	76.7	115.1#
201	92.3	95.7	143.5#



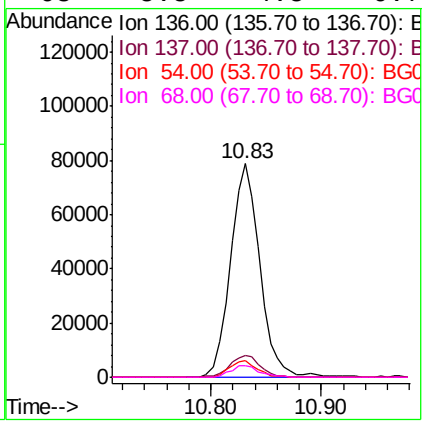


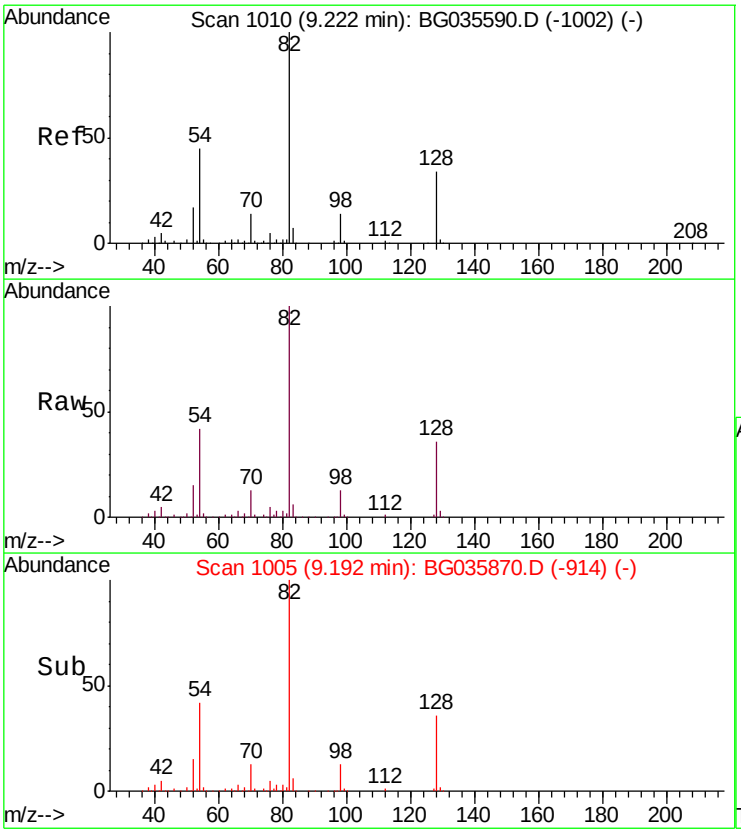
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BG035870.D
Acq: 25 Jul 2018 12:36

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion:136 Resp: 146510

Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.2	13.8
54	7.8	10.3	15.5#
68	5.5	4.5	6.7

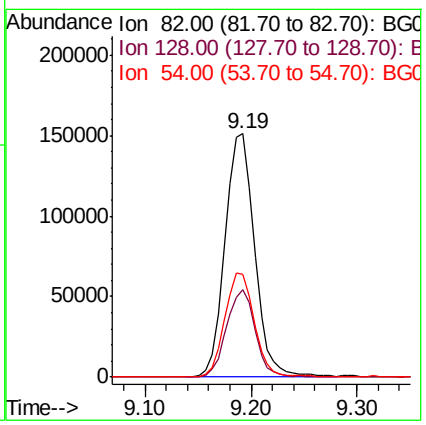


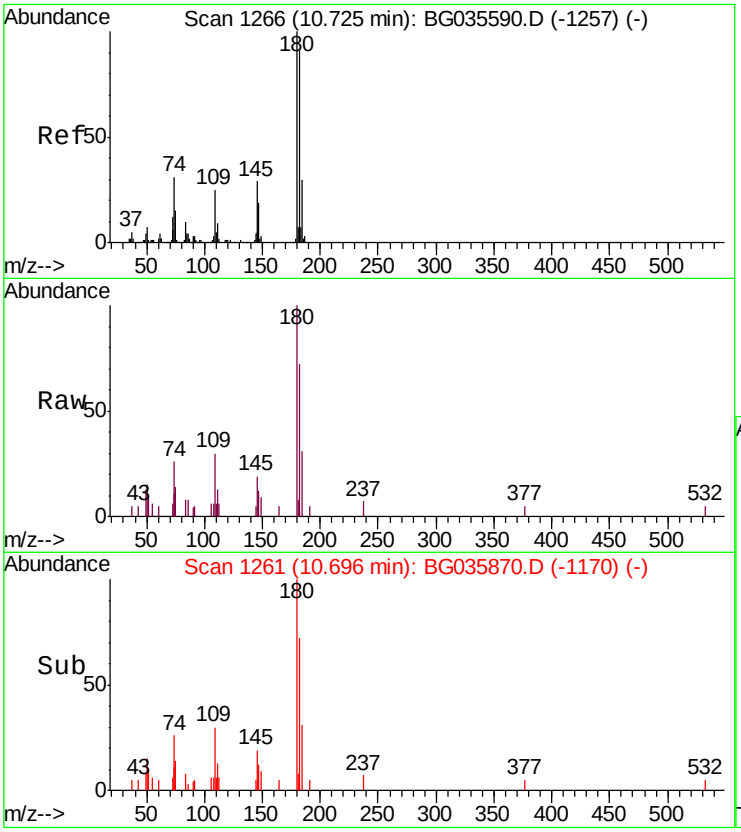


#23
Nitrobenzene-d5
Concen: 83.572 ng
RT: 9.19 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BG035870.D
Acq: 25 Jul 2018 12:36

Tgt Ion: 82 Resp: 293100

Ion	Ratio	Lower	Upper
82	100		
128	36.0	29.7	44.5
54	42.2	43.1	64.7#



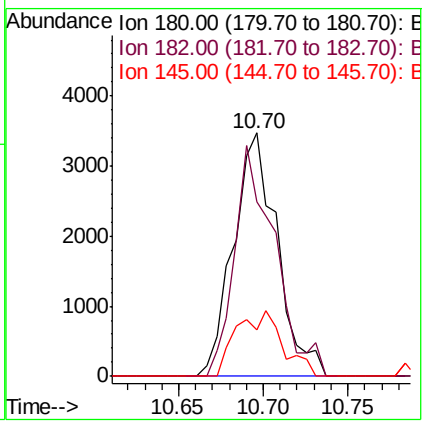


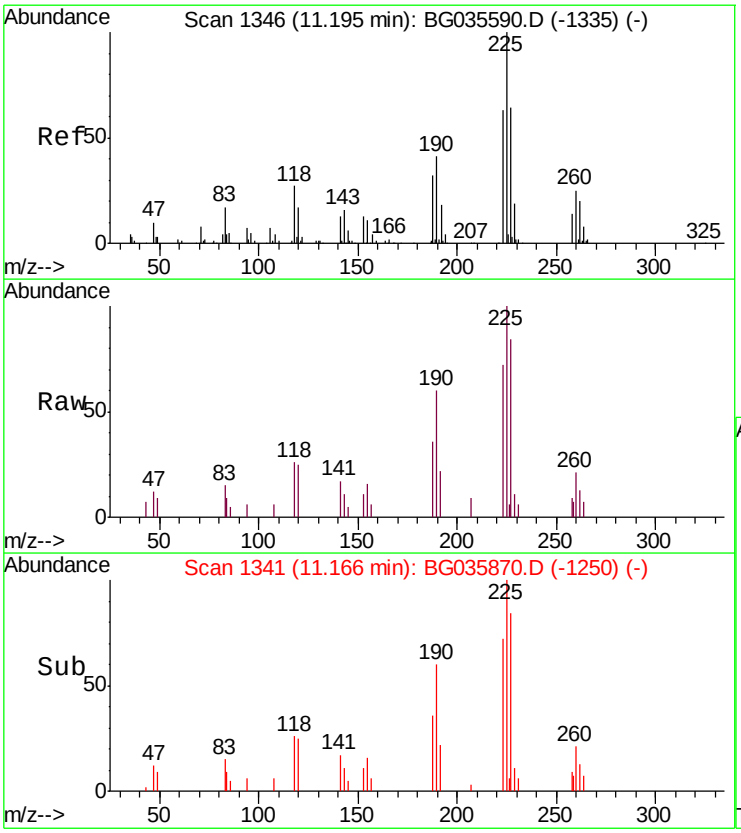
#30
1,2,4-Trichlorobenzene
Concen: 2.101 ng
RT: 10.70 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BG035870.D
Acq: 25 Jul 2018 12:36

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion:180 Resp: 6235

Ion	Ratio	Lower	Upper
180	100		
182	71.9	77.5	116.3#
145	19.2	23.4	35.2#

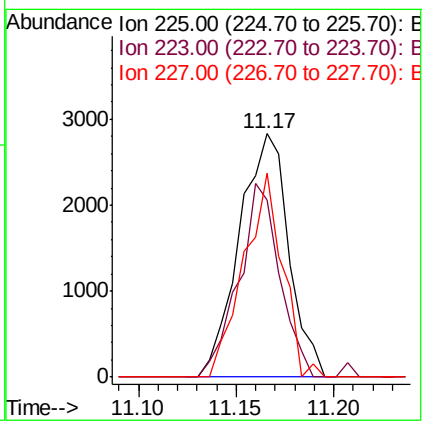


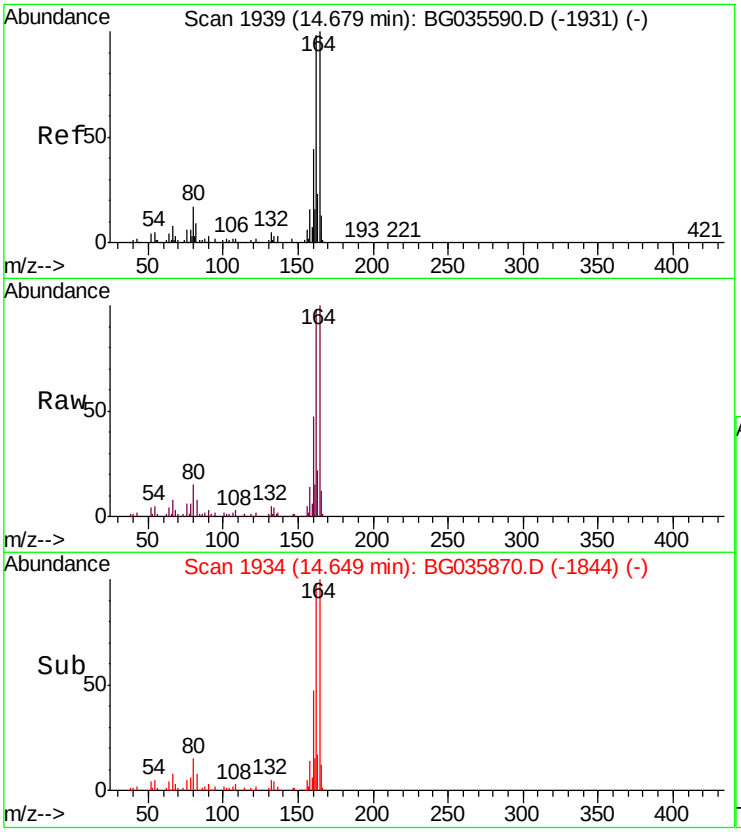


#34
Hexachlorobutadiene
Concen: 2.144 ng
RT: 11.17 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BG035870.D
Acq: 25 Jul 2018 12:36

Tgt Ion:225 Resp: 4961

Ion	Ratio	Lower	Upper
225	100		
223	72.5	49.7	74.5
227	83.7	48.1	72.1#



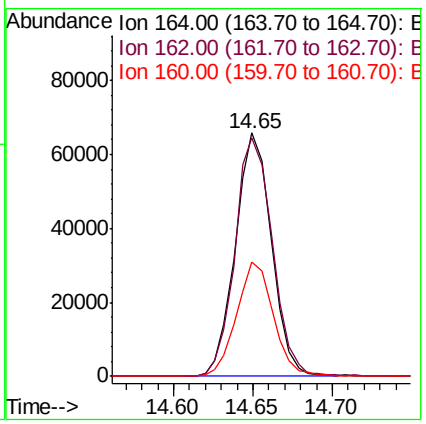


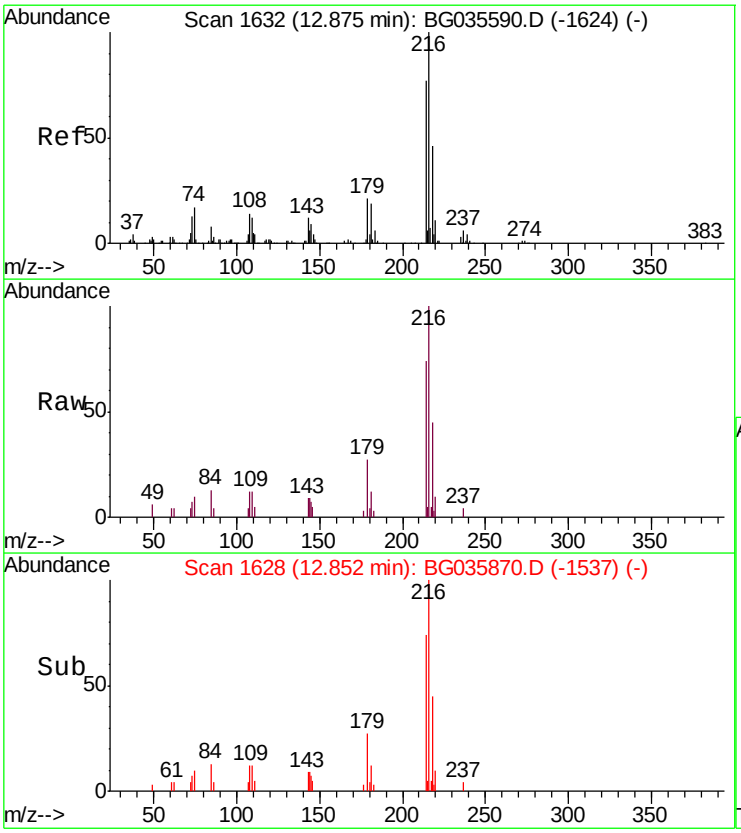
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG035870.D
Acq: 25 Jul 2018 12:36

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion:164 Resp: 103941

Ion	Ratio	Lower	Upper
164	100		
162	97.9	78.8	118.2
160	47.2	35.4	53.0

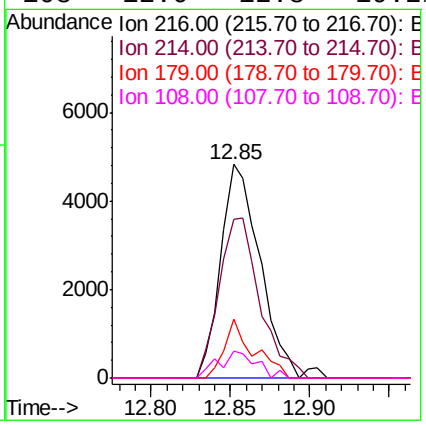


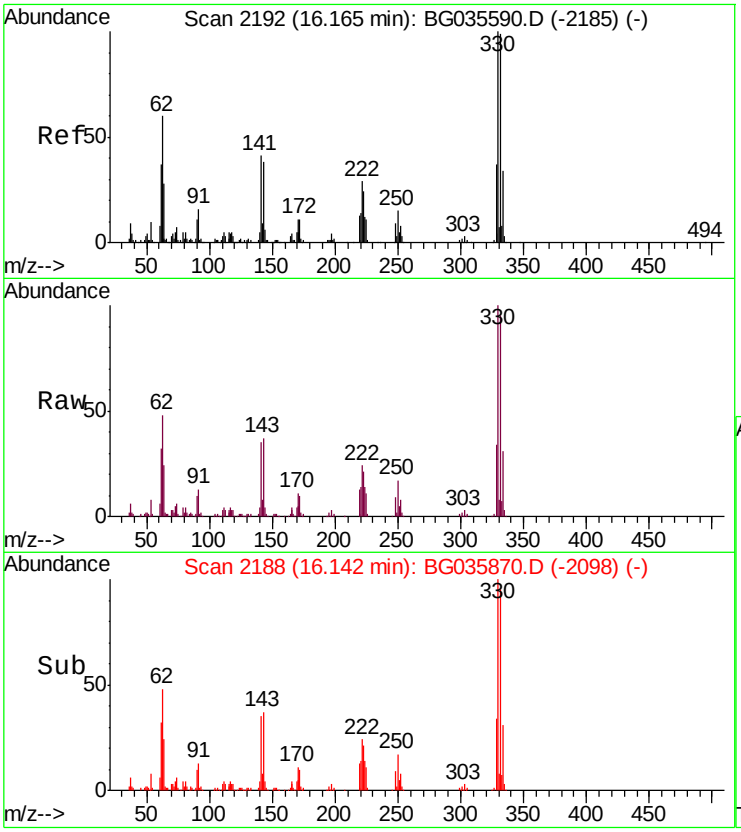


#39
1,2,4,5-Tetrachlorobenzene
Concen: 2.126 ng
RT: 12.85 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BG035870.D
Acq: 25 Jul 2018 12:36

Tgt Ion:216 Resp: 8340

Ion	Ratio	Lower	Upper
216	100		
214	77.0	63.0	94.4
179	20.2	17.0	25.6
108	12.0	12.8	19.2#



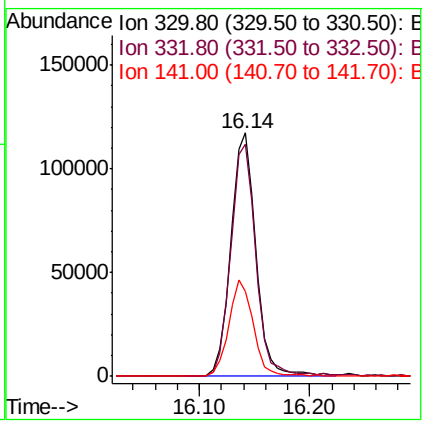


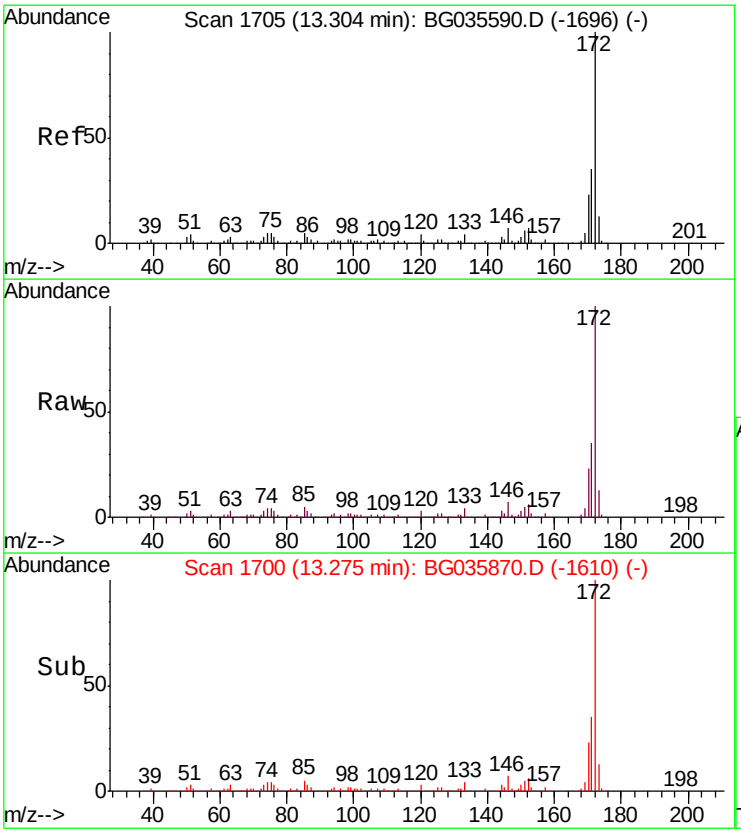
#41
2,4,6-Tribromophenol
Concen: 136.971 ng
RT: 16.14 min Scan# 2188
Delta R.T. -0.00 min
Lab File: BG035870.D
Acq: 25 Jul 2018 12:36

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion:330 Resp: 187651

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	38.8	25.2	37.8#

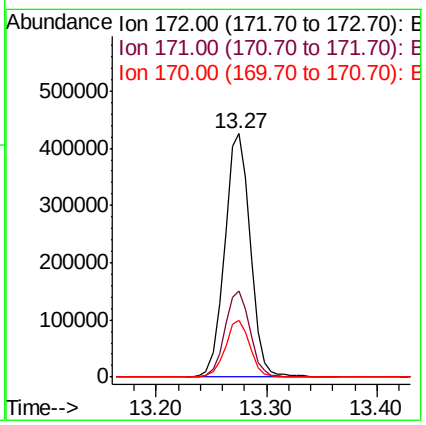


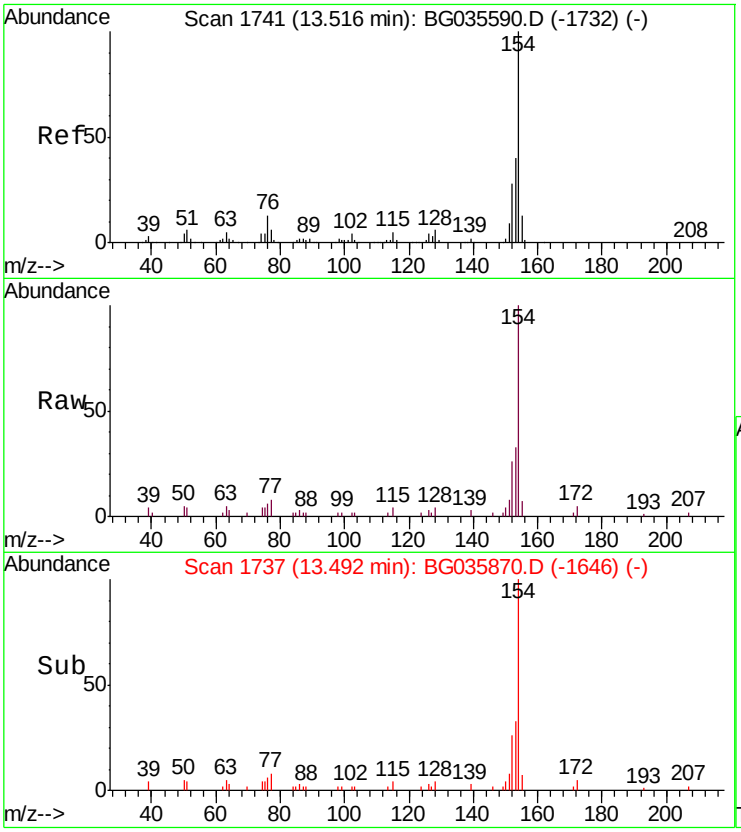


#44
2-Fluorobiphenyl
Concen: 89.002 ng
RT: 13.27 min Scan# 1700
Delta R.T. -0.00 min
Lab File: BG035870.D
Acq: 25 Jul 2018 12:36

Tgt Ion:172 Resp: 690503

Ion	Ratio	Lower	Upper
172	100		
171	35.5	30.0	45.0
170	23.3	19.5	29.3



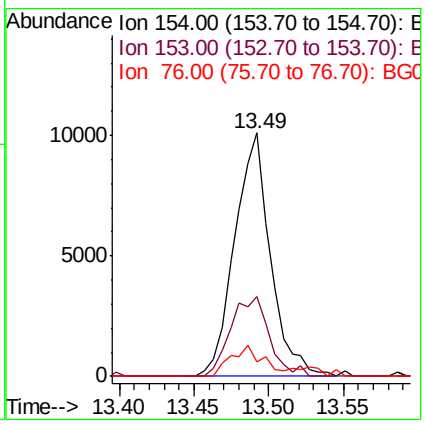


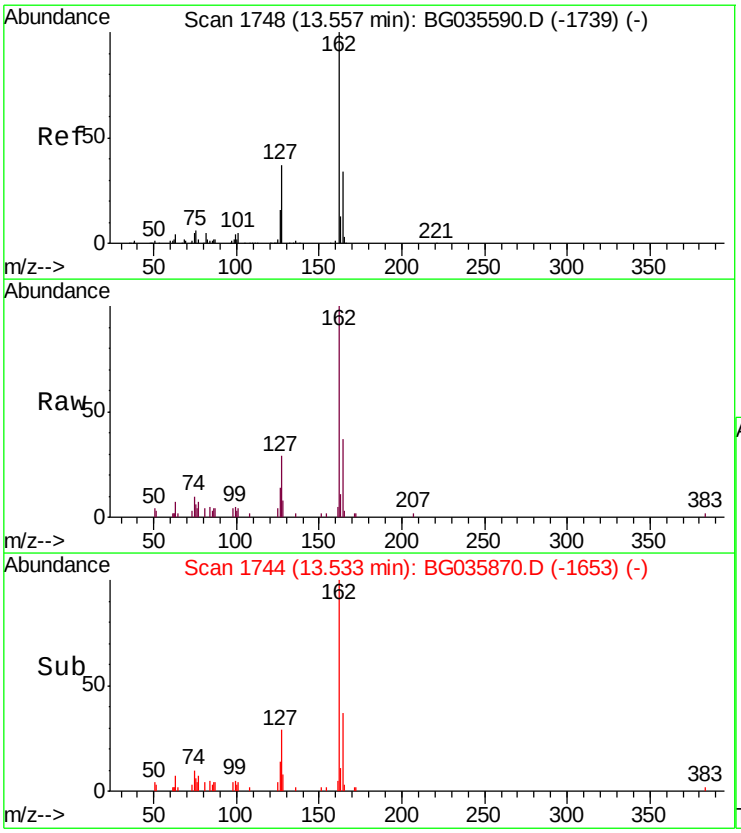
#45
1,1'-Biphenyl
Concen: 2.085 ng
RT: 13.49 min Scan# 1737
Delta R.T. 0.00 min
Lab File: BG035870.D
Acq: 25 Jul 2018 12:36

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion:154 Resp: 16805

Ion	Ratio	Lower	Upper
154	100		
153	32.9	19.8	59.8
76	6.2	0.0	31.9

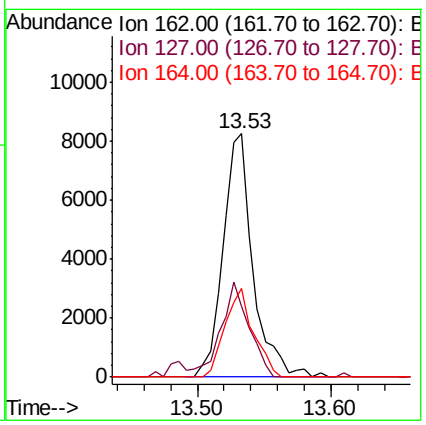


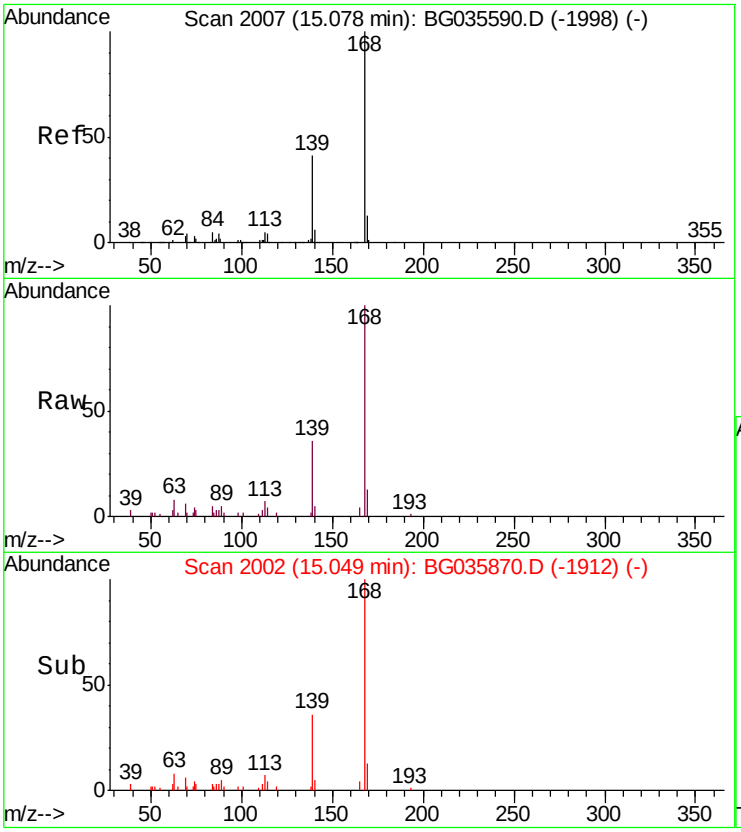


#46
2-Chloronaphthalene
Concen: 2.063 ng
RT: 13.53 min Scan# 1744
Delta R.T. 0.00 min
Lab File: BG035870.D
Acq: 25 Jul 2018 12:36

Tgt Ion:162 Resp: 12932

Ion	Ratio	Lower	Upper
162	100		
127	29.0	30.7	46.1#
164	36.6	26.0	39.0



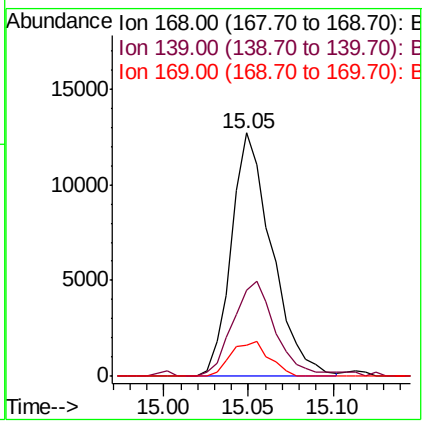


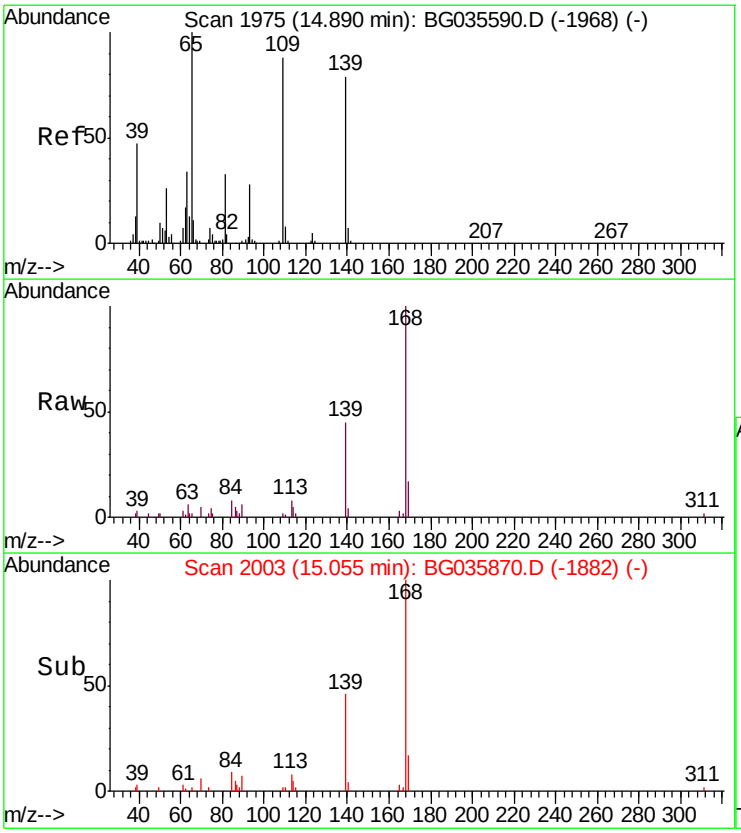
#54
Dibenzofuran
Concen: 2.038 ng
RT: 15.05 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BG035870.D
Acq: 25 Jul 2018 12:36

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion:168 Resp: 21197

Ion	Ratio	Lower	Upper
168	100		
139	35.5	28.6	43.0
169	12.6	11.2	16.8

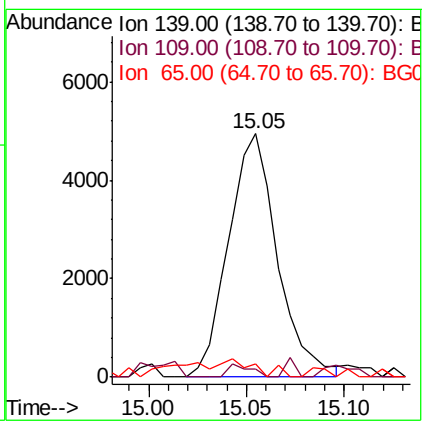


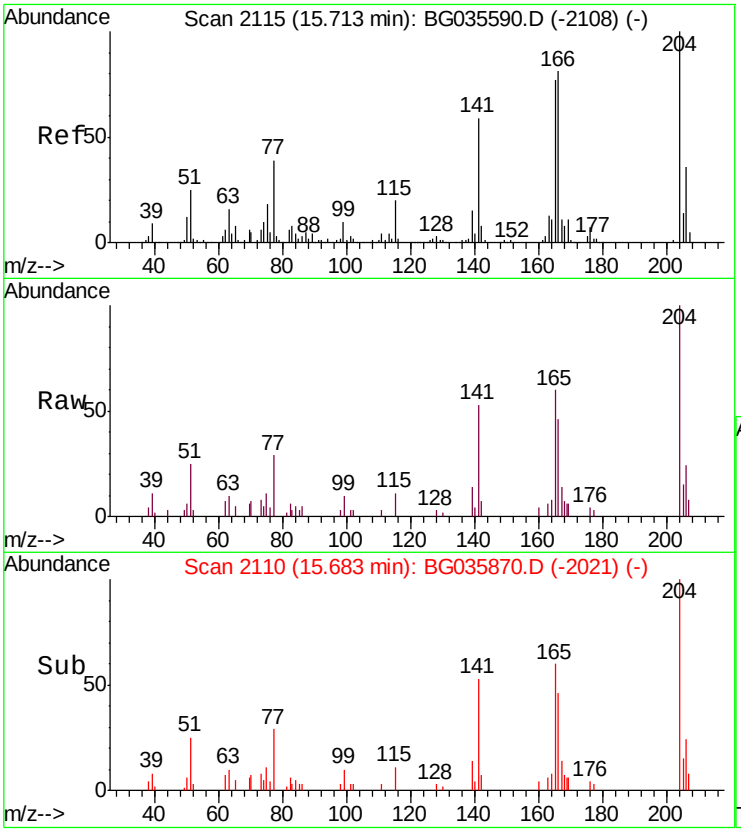


#55
4-Nitrophenol
Concen: 6.354 ng
RT: 15.05 min Scan# 2003
Delta R.T. 0.18 min
Lab File: BG035870.D
Acq: 25 Jul 2018 12:36

Tgt Ion:139 Resp: 8577

Ion	Ratio	Lower	Upper
139	100		
109	3.5	62.2	102.2#
65	5.2	97.2	137.2#



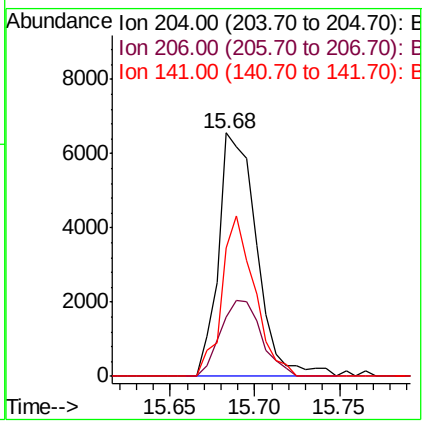


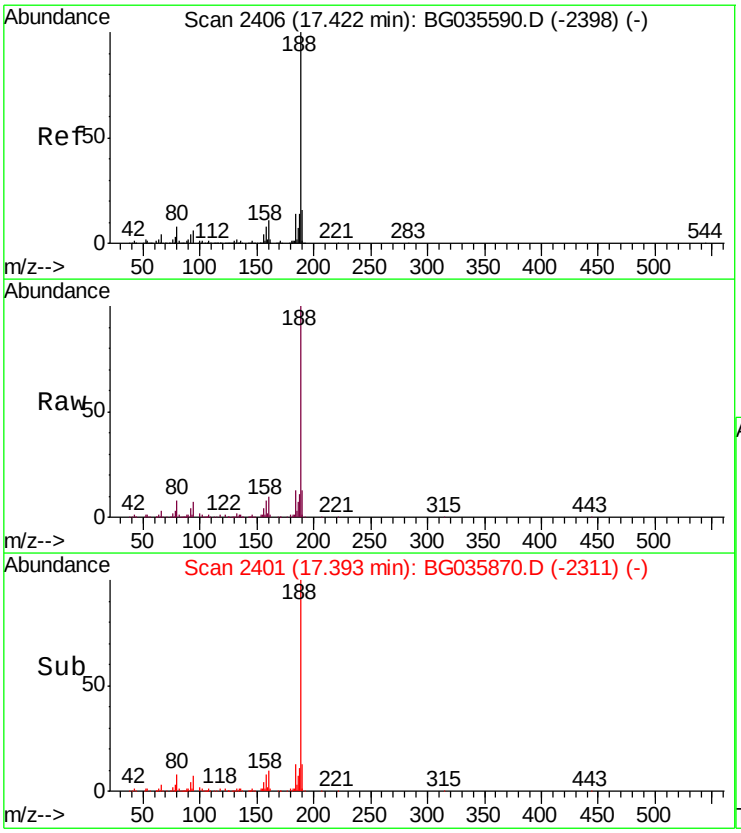
#60
4-Chlorophenyl-phenylether
Concen: 2.007 ng
RT: 15.68 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BG035870.D
Acq: 25 Jul 2018 12:36

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion:204 Resp: 10287

Ion	Ratio	Lower	Upper
204	100		
206	24.1	26.2	39.2#
141	52.8	45.8	68.6

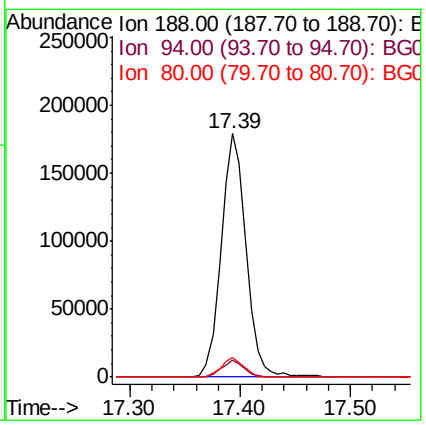


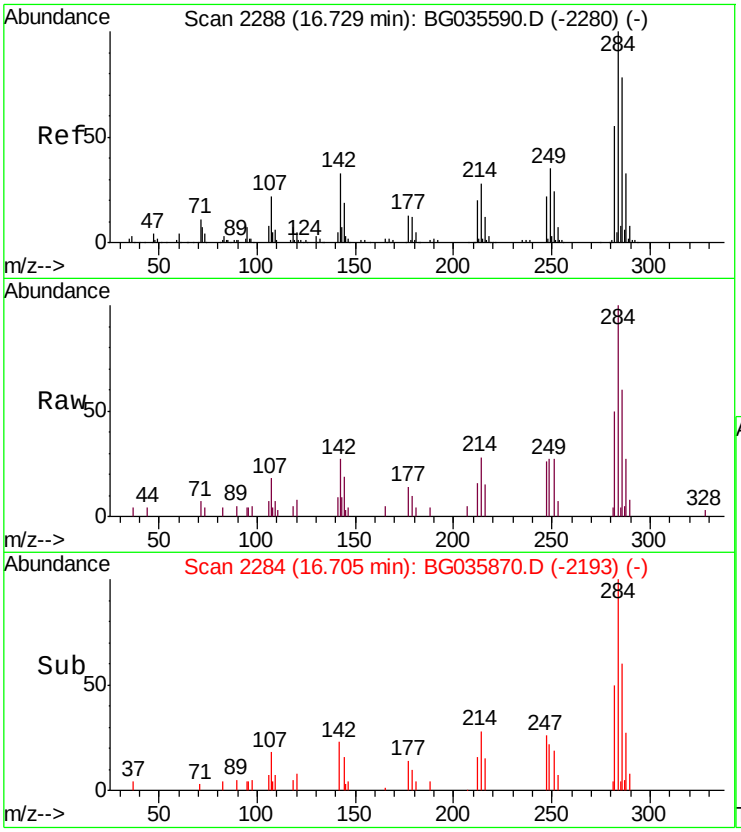


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG035870.D
Acq: 25 Jul 2018 12:36

Tgt Ion:188 Resp: 281167

Ion	Ratio	Lower	Upper
188	100		
94	6.9	6.9	10.3#
80	8.1	7.7	11.5



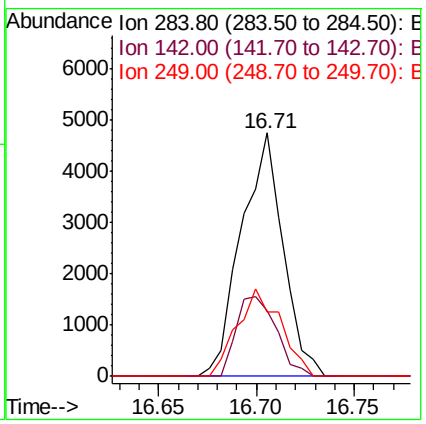


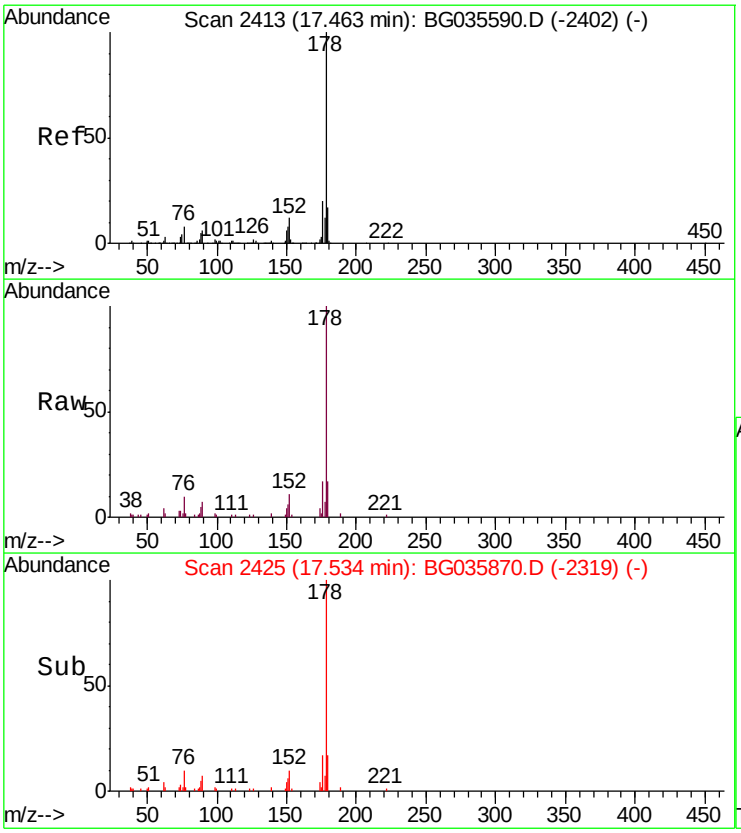
#67
Hexachlorobenzene
Concen: 2.097 ng
RT: 16.71 min Scan# 2284
Delta R.T. 0.00 min
Lab File: BG035870.D
Acq: 25 Jul 2018 12:36

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion:284 Resp: 7043

Ion	Ratio	Lower	Upper
284	100		
142	26.8	26.8	40.2#
249	26.5	26.3	39.5

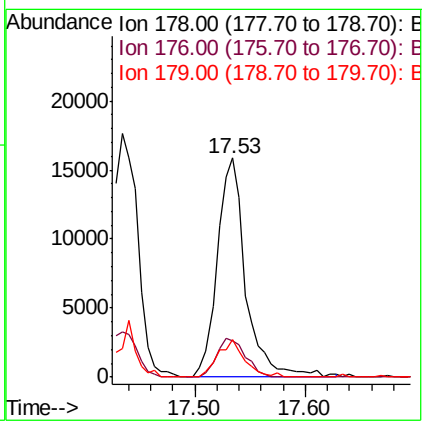


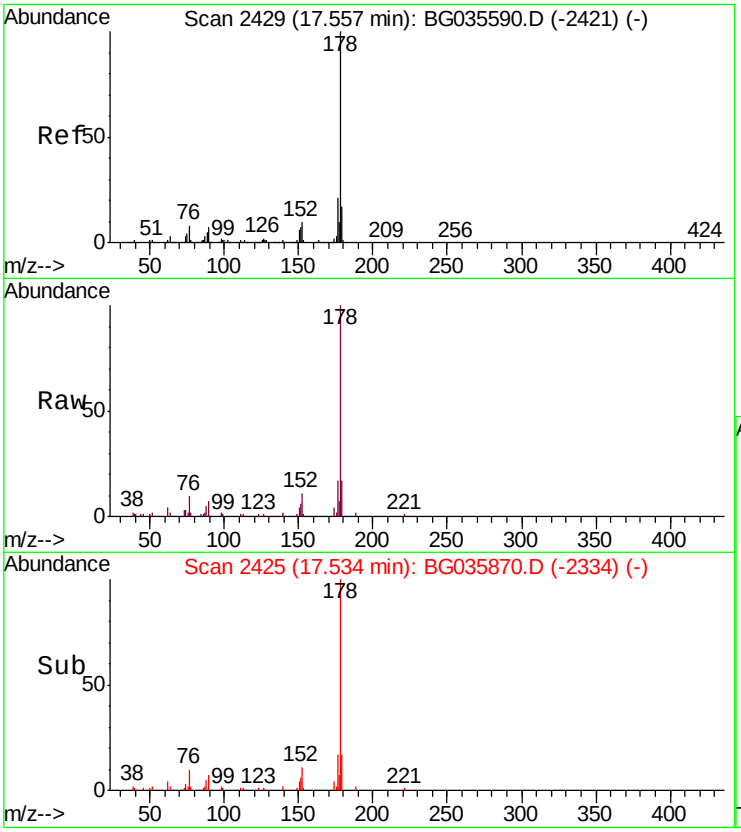


#70
Phenanthrene
Concen: 2.023 ng
RT: 17.53 min Scan# 2425
Delta R.T. 0.09 min
Lab File: BG035870.D
Acq: 25 Jul 2018 12:36

Tgt Ion:178 Resp: 28386

Ion	Ratio	Lower	Upper
178	100		
176	16.5	15.7	23.5
179	17.4	12.5	18.7



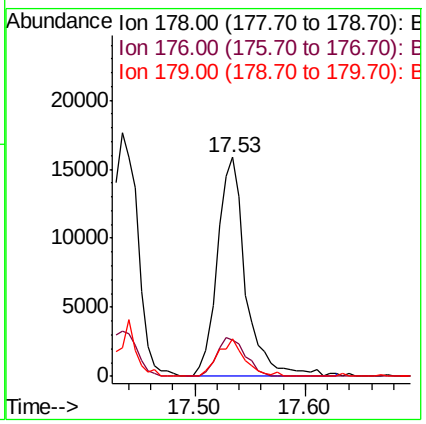


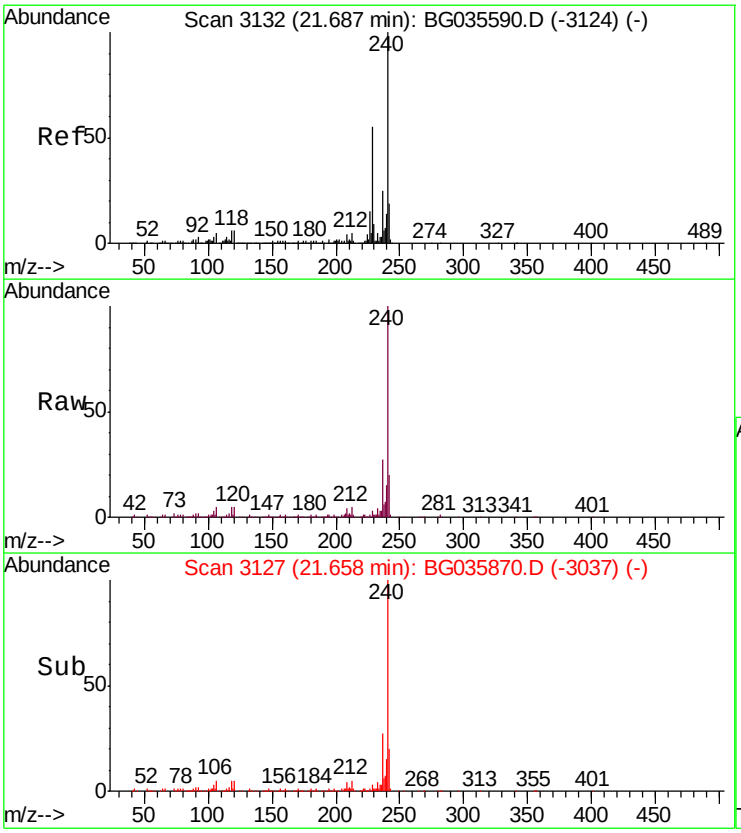
#71
Anthracene
Concen: 2.032 ng
RT: 17.53 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BG035870.D
Acq: 25 Jul 2018 12:36

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion:178 Resp: 28386

Ion	Ratio	Lower	Upper
178	100		
176	16.5	16.0	24.0
179	17.4	12.5	18.7

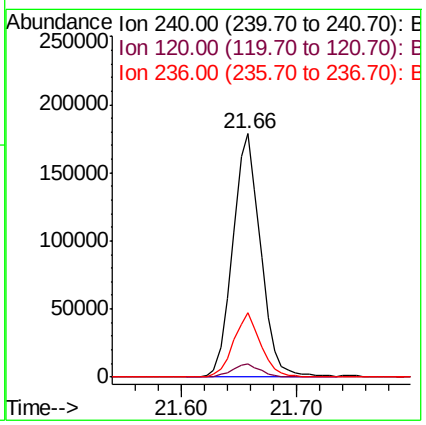


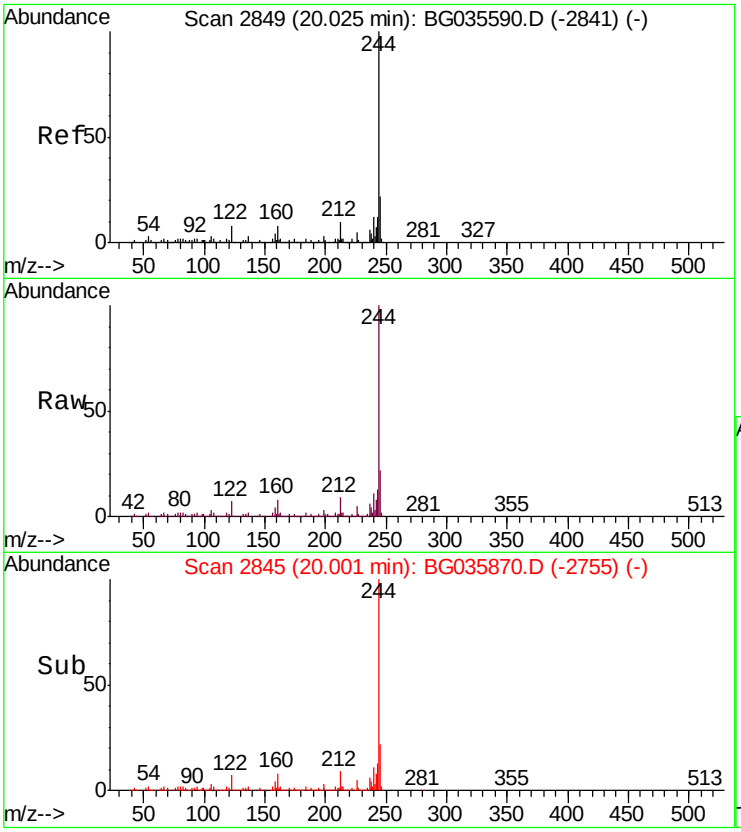


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.00 min
Lab File: BG035870.D
Acq: 25 Jul 2018 12:36

Tgt Ion:240 Resp: 298051

Ion	Ratio	Lower	Upper
240	100		
120	5.5	6.8	10.2#
236	26.5	20.9	31.3



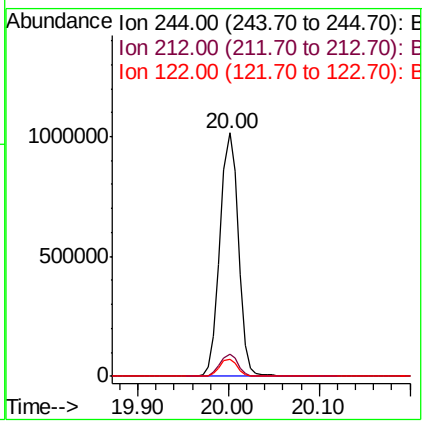


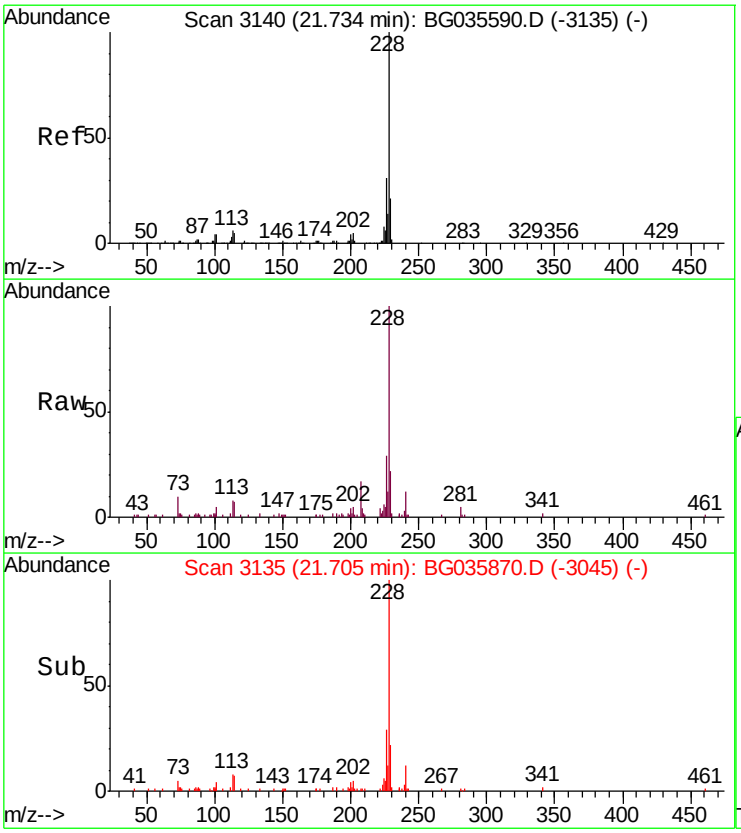
#78
Terphenyl-d14
Concen: 105.372 ng
RT: 20.00 min Scan# 2845
Delta R.T. -0.00 min
Lab File: BG035870.D
Acq: 25 Jul 2018 12:36

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion:244 Resp: 1424774

Ion	Ratio	Lower	Upper
244	100		
212	9.4	5.8	8.8#
122	7.2	7.0	10.4

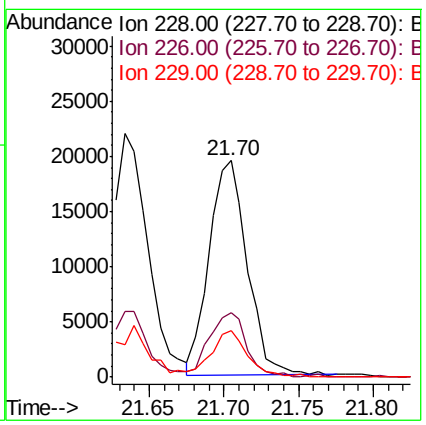


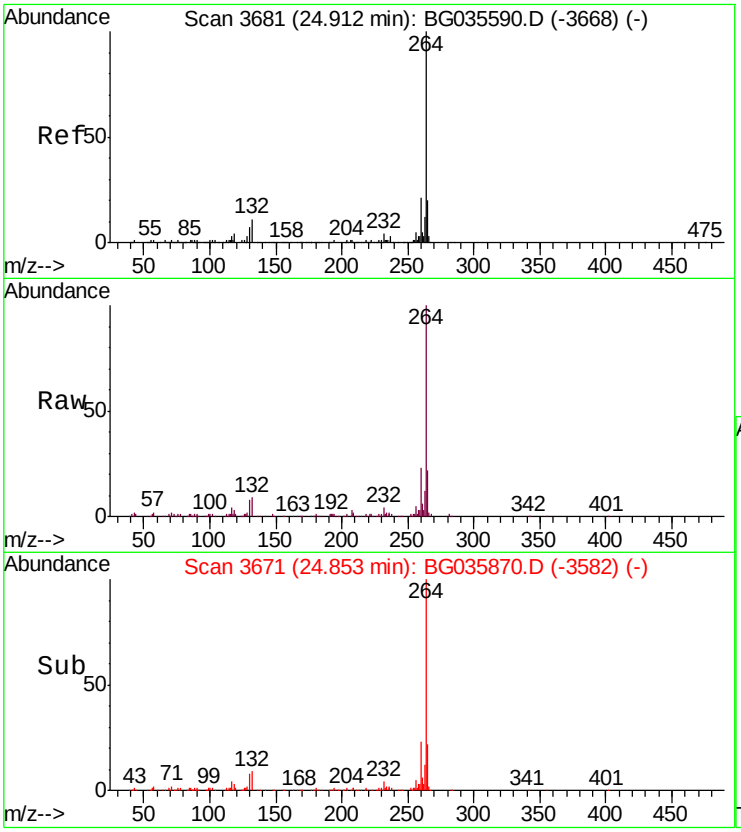


#82
Chrysene
Concen: 2.029 ng
RT: 21.70 min Scan# 3135
Delta R.T. -0.00 min
Lab File: BG035870.D
Acq: 25 Jul 2018 12:36

Tgt Ion:228 Resp: 34920

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.9	37.3
229	21.7	15.0	22.4



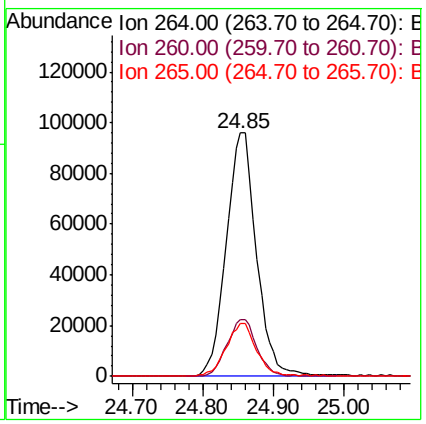


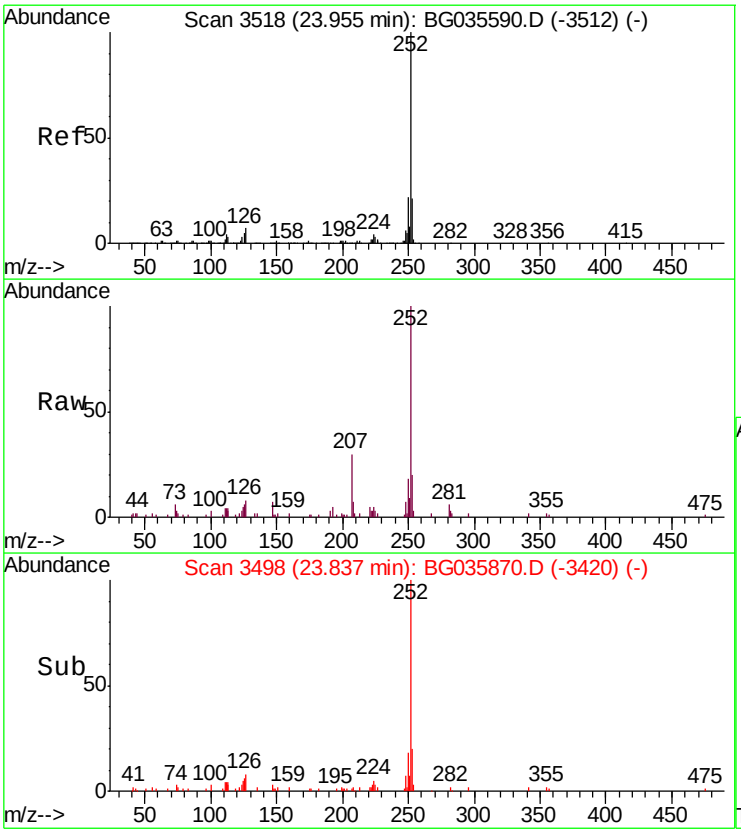
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3671
Delta R.T. -0.01 min
Lab File: BG035870.D
Acq: 25 Jul 2018 12:36

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion:264 Resp: 285153

Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.4	26.0
265	21.7	17.7	26.5





#88
Benzo(k)fluoranthene
Concen: 2.002 ng
RT: 23.84 min Scan# 3498
Delta R.T. -0.07 min
Lab File: BG035870.D
Acq: 25 Jul 2018 12:36

Tgt Ion:252 Resp: 33917

Ion	Ratio	Lower	Upper
252	100		
253	20.4	17.4	26.2
125	9.6	6.6	9.8