

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072518\
 Data File : BG035871.D
 Acq On : 25 Jul 2018 13:15
 Operator : JU/SJ
 Sample : J3762-09
 Misc : MDL 5PPM
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Jul 25 14:40:20 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	35229	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	126167	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	91293	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	280909	20.00	ng	0.00
75) Chrysene-d12	21.66	240	308761	20.00	ng	0.00
86) Perylene-d12	24.86	264	286661	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	250394	118.00	ng	0.00
7) Phenol-d6	7.19	99	354280	111.91	ng	0.00
23) Nitrobenzene-d5	9.19	82	242680	80.35	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	182184	151.40	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	603393	88.55	ng	0.00
78) Terphenyl-d14	20.00	244	1438911	102.73	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	4802	4.446	ng	# 71
3) Pyridine	3.94	79	10365	3.676	ng	# 68
4) n-Nitrosodimethylamine	3.84	42	4685	3.870	ng	# 90
6) Aniline	7.35	93	13621	3.319	ng	# 94
8) 2-Chlorophenol	7.59	128	9596	4.446	ng	88
9) Benzaldehyde	7.17	77	10294	5.299	ng	97
10) Phenol	7.22	94	13955	4.363	ng	89
11) bis(2-Chloroethyl)ether	7.45	93	10802	4.312	ng	# 83
12) 1,3-Dichlorobenzene	7.92	146	11973	4.594	ng	89
13) 1,4-Dichlorobenzene	8.06	146	12042	4.548	ng	99
14) 1,2-Dichlorobenzene	8.38	146	12096	4.755	ng	92
15) Benzyl Alcohol	8.27	79	9538	3.318	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	8.55	45	12189	5.804	ng	79
17) 2-Methylphenol	8.47	107	9208	4.234	ng	# 82
18) Hexachloroethane	9.11	117	4764	4.705	ng	90
19) n-Nitroso-di-n-propylamine	8.82	70	9374	3.516	ng	# 74
20) 3+4-Methylphenols	8.81	107	10633	3.525	ng	85
22) Acetophenone	8.85	105	17329	4.417	ng	# 93
24) Nitrobenzene	9.23	77	14860	4.892	ng	95
25) Isophorone	9.75	82	26731	4.768	ng	99
26) 2-Nitrophenol	9.95	139	4982	4.618	ng	# 85
27) 2,4-Dimethylphenol	10.01	122	9221	5.050	ng	# 89
28) bis(2-Chloroethoxy)methane	10.24	93	14023	4.539	ng	97
29) 2,4-Dichlorophenol	10.52	162	9752	4.679	ng	# 67
30) 1,2,4-Trichlorobenzene	10.69	180	12829	5.019	ng	90
31) Naphthalene	10.88	128	31255	4.756	ng	# 93
32) Benzoic acid	10.22	122	392	0.319	ng	# 22
33) 4-Chloroaniline	11.01	127	7483	2.612	ng	# 87
34) Hexachlorobutadiene	11.16	225	10343	5.190	ng	95
35) Caprolactam	11.75	113	997	1.115	ng	# 46
36) 4-Chloro-3-methylphenol	12.12	107	12379	4.431	ng	# 91
37) 2-Methylnaphthalene	12.48	142	24433	4.990	ng	92
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	17131	4.972	ng	98
40) Hexachlorocyclopentadiene	12.83	237	5223	2.890	ng	83

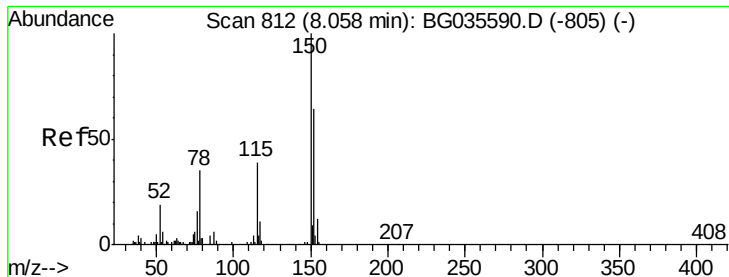
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072518\
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Quant Time: Jul 25 14:40:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 11:04:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	9635	4.781	ng	89
43) 2,4,5-Trichlorophenol	13.19	196	10174	4.513	ng #	79
45) 1,1'-Biphenyl	13.48	154	35393	5.001	ng	93
46) 2-Chloronaphthalene	13.53	162	26982	4.901	ng	98
47) 2-Nitroaniline	13.74	65	7552	3.880	ng	91
48) Acenaphthylene	14.37	152	46513	5.044	ng	95
49) Dimethylphthalate	14.10	163	39580	4.948	ng #	97
50) 2,6-Dinitrotoluene	14.22	165	8602	5.281	ng #	88
51) Acenaphthene	14.71	154	28497	4.960	ng	98
52) 3-Nitroaniline	14.57	138	5915	3.553	ng #	81
53) 2,4-Dinitrophenol	14.37	184	54	6.641	ng #	1
54) Dibenzofuran	15.05	168	48281	5.284	ng	97
55) 4-Nitrophenol	14.93	139	897	0.757	ng #	68
56) 2,4-Dinitrotoluene	15.01	165	11884	5.086	ng #	83
57) Fluorene	15.70	166	40281	5.260	ng	86
58) 2,3,4,6-Tetrachlorophenol	15.28	232	11282	5.220	ng #	94
59) Diethylphthalate	15.46	149	41829	5.086	ng	97
60) 4-Chlorophenyl-phenylether	15.69	204	21937	4.874	ng #	92
61) 4-Nitroaniline	15.73	138	5235	3.006	ng #	67
62) Azobenzene	15.98	77	42553	5.245	ng	90
64) 4,6-Dinitro-2-methylphenol	15.79	198	3351	2.143	ng	90
65) n-Nitrosodiphenylamine	15.90	169	36845	4.608	ng	99
66) 4-Bromophenyl-phenylether	16.59	248	14933	4.582	ng	98
67) Hexachlorobenzene	16.70	284	16165	4.816	ng	92
68) Atrazine	16.85	200	16230	4.930	ng	93
69) Pentachlorophenol	17.07	266	1774	0.868	ng #	63
70) Phenanthrene	17.44	178	71657	5.112	ng	99
71) Anthracene	17.53	178	70121	5.024	ng	98
72) Carbazole	17.81	167	59722	4.506	ng #	92
73) Di-n-butylphthalate	18.35	149	72531	4.631	ng	98
74) Fluoranthene	19.44	202	94761	5.019	ng	97
76) Benzidine	19.64	184	13501	1.663	ng #	90
77) Pyrene	19.81	202	96733	4.955	ng	99
79) Butylbenzylphthalate	20.69	149	31474	4.508	ng	96
80) Benzo(a)anthracene	21.64	228	97121	5.048	ng	98
81) 3,3'-Dichlorobenzidine	21.56	252	25295	3.770	ng	93
82) Chrysene	21.70	228	90235	5.061	ng	97
83) Bis(2-ethylhexyl)phthalate	21.54	149	45431	4.786	ng	97
84) Di-n-octyl phthalate	22.74	149	76250	4.798	ng #	98
85) Indeno(1,2,3-cd)pyrene	28.49	276	88918	4.504	ng #	80
87) Benzo(b)fluoranthene	23.84	252	86465	4.963	ng #	94
88) Benzo(k)fluoranthene	23.91	252	88024	5.168	ng #	94
89) Benzo(a)pyrene	24.70	252	84320	5.202	ng #	96
90) Dibenzo(a,h)anthracene	28.55	278	74450	4.678	ng #	95
91) Benzo(g,h,i)perylene	29.62	276	78843	5.063	ng #	94

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

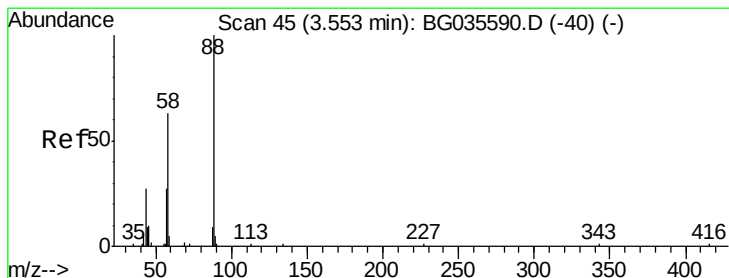
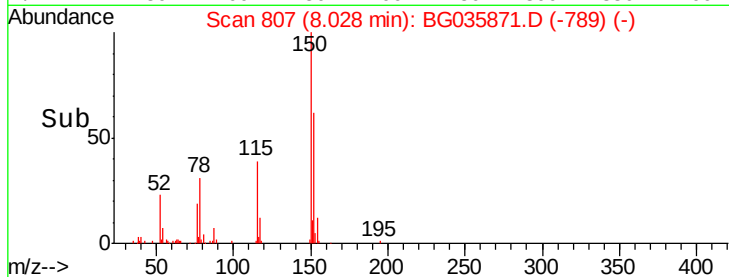
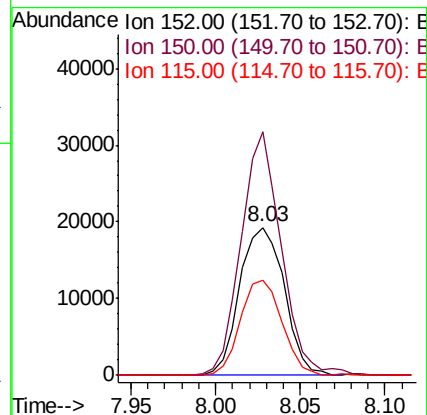
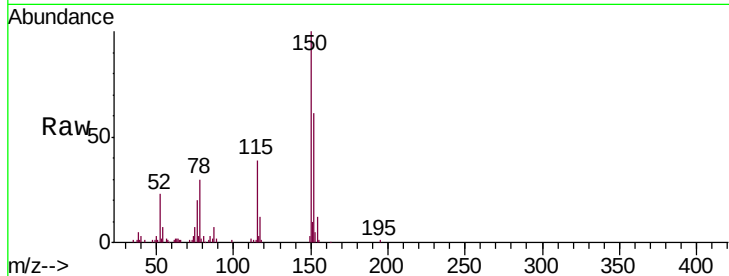


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. 0.00 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

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

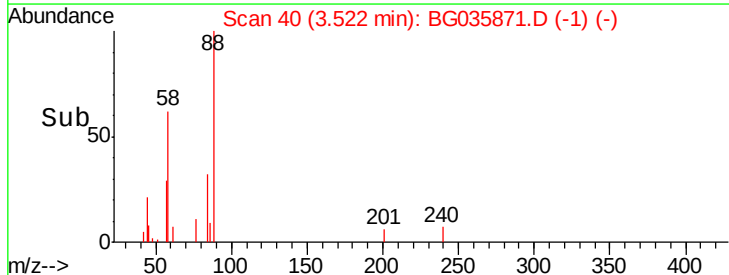
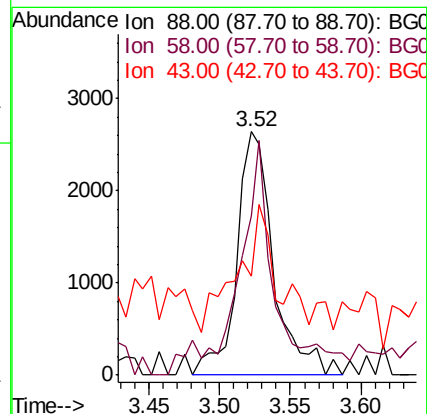
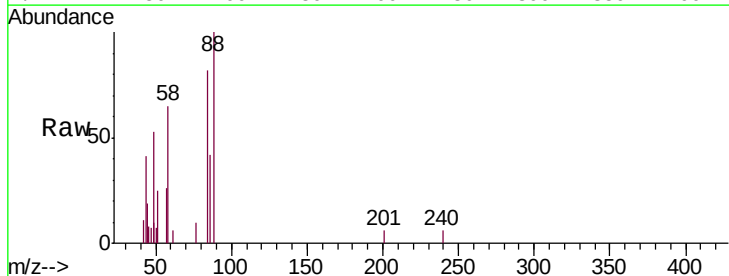
Tgt Ion:152 Resp: 35229
Ion Ratio Lower Upper
152 100
150 164.7 126.6 189.8
115 64.0 53.0 79.4

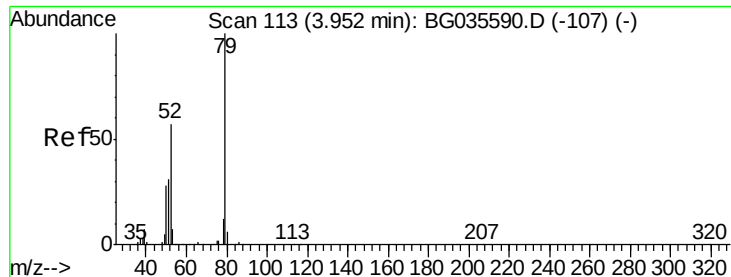


#2

1,4-Dioxane
Concen: 4.446 ng
RT: 3.52 min Scan# 40
Delta R.T. -0.00 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

Tgt Ion: 88 Resp: 4802
Ion Ratio Lower Upper
88 100
58 67.8 79.6 119.4#
43 46.6 27.4 41.0#





#3

Pyridine

Concen: 3.676 ng

RT: 3.94 min Scan# 111

Delta R.T. 0.02 min

Lab File: BG035871.D

Acq: 25 Jul 2018 13:15

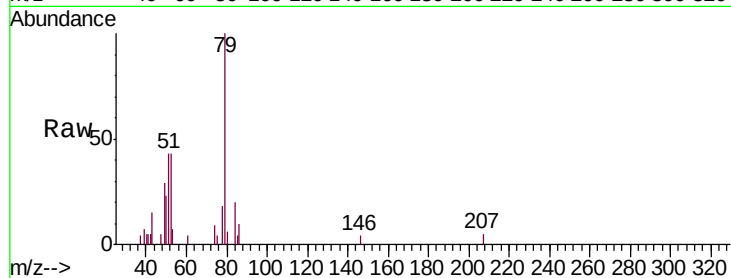
Instrument :

BNA_G

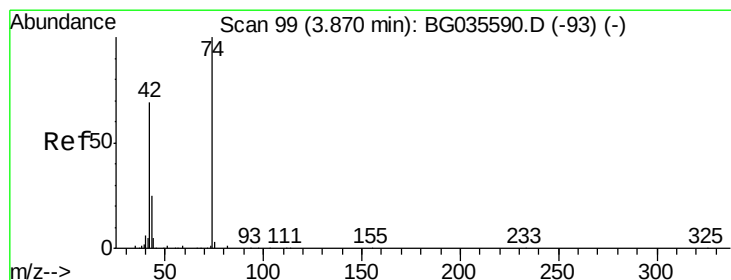
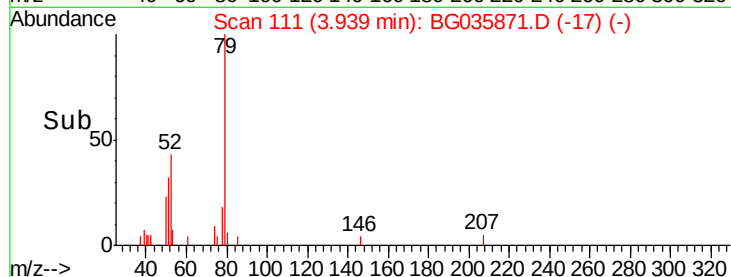
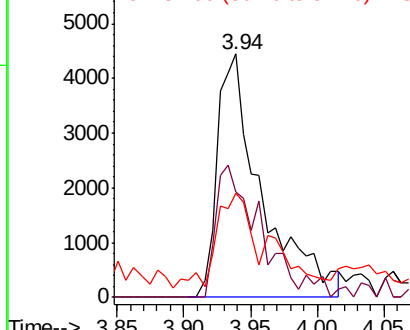
ClientSampleId :

MDL-WATER-03-QT3-2018

Tgt Ion:	79	Resp:	10365
Ion	Ratio	Lower	Upper
79	100		
52	43.2	69.9	104.9#
51	42.5	34.0	51.0



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 3.870 ng

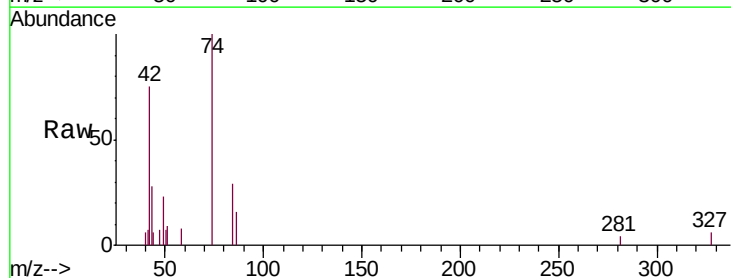
RT: 3.84 min Scan# 94

Delta R.T. 0.00 min

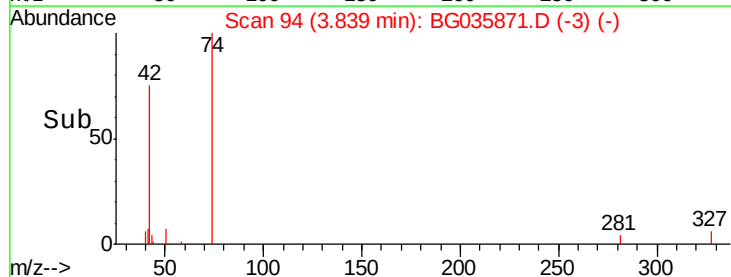
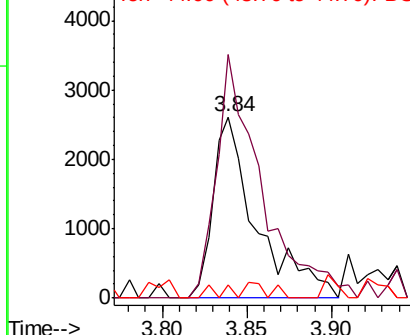
Lab File: BG035871.D

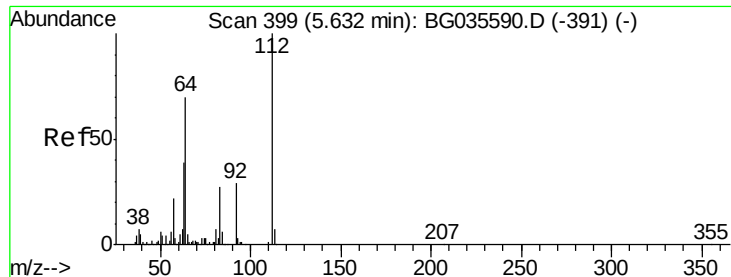
Acq: 25 Jul 2018 13:15

Tgt Ion:	42	Resp:	4685
Ion	Ratio	Lower	Upper
42	100		
74	134.1	102.5	153.7
44	7.4	18.9	28.3#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 118.003 ng

RT: 5.61 min Scan# 395

Delta R.T. 0.00 min

Lab File: BG035871.D

Acq: 25 Jul 2018 13:15

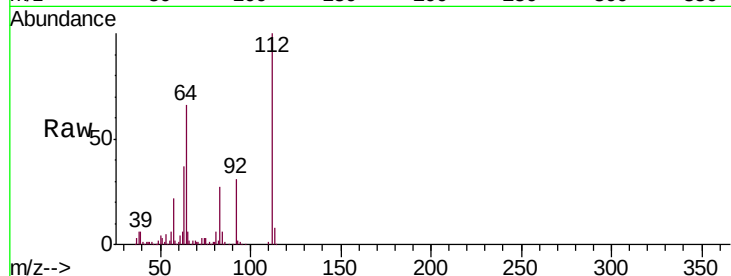
Instrument :

BNA_G

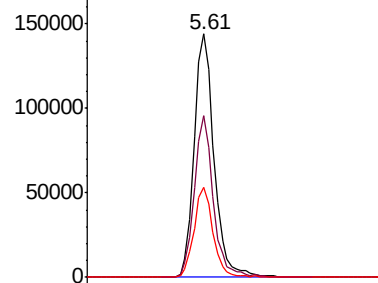
ClientSampleId :

MDL-WATER-03-QT3-2018

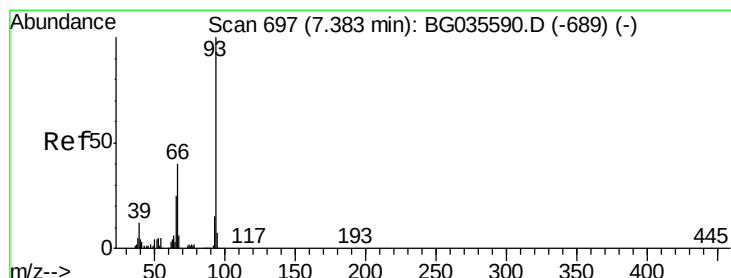
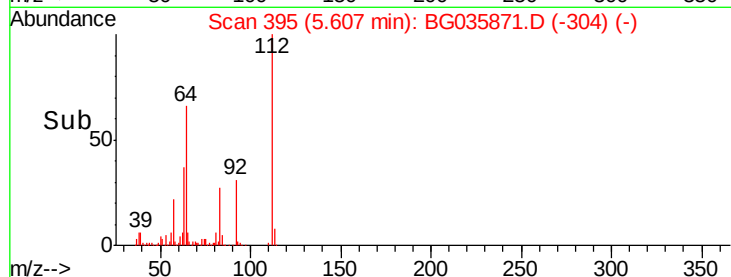
Tgt Ion:	112	Resp:	250394
Ion	Ratio	Lower	Upper
112	100		
64	66.5	56.3	84.5
63	36.8	30.1	45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



Time-->



#6

Aniline

Concen: 3.319 ng

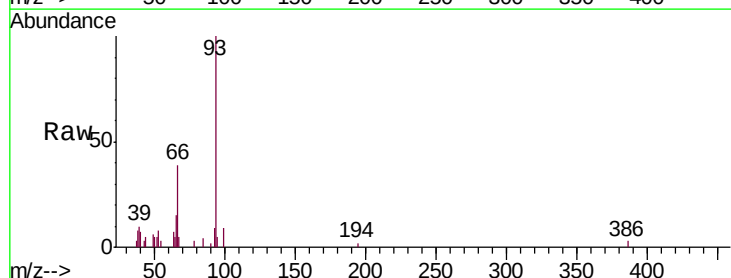
RT: 7.35 min Scan# 692

Delta R.T. -0.00 min

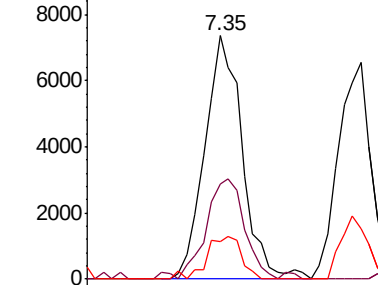
Lab File: BG035871.D

Acq: 25 Jul 2018 13:15

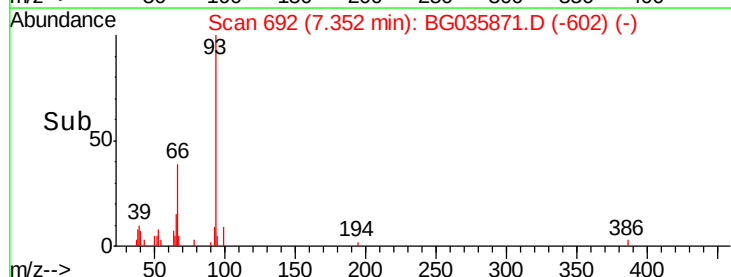
Tgt Ion:	93	Resp:	13621
Ion	Ratio	Lower	Upper
93	100		
66	39.3	33.7	50.5
65	15.2	16.1	24.1#

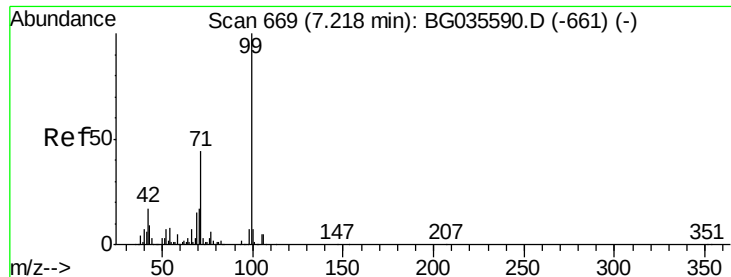


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



Time-->





#7

Phenol-d6

Concen: 111.905 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG035871.D

Acq: 25 Jul 2018 13:15

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2018

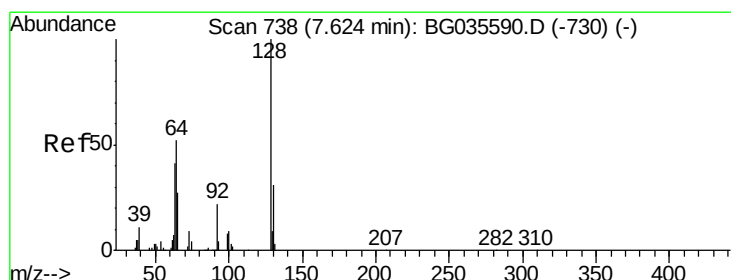
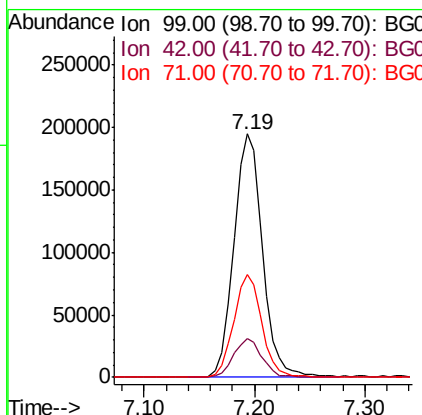
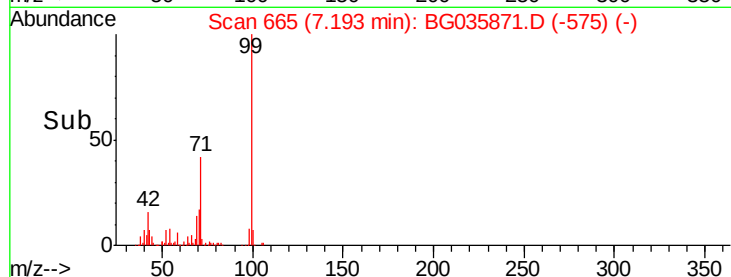
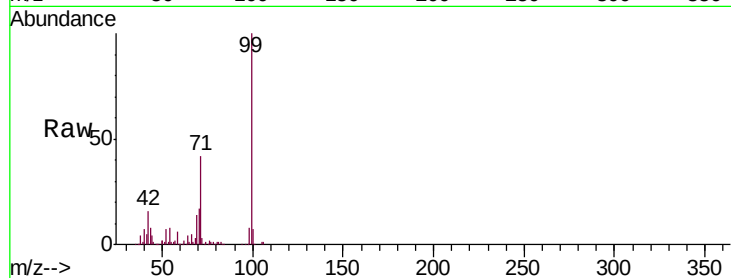
Tgt Ion: 99 Resp: 354280

Ion Ratio Lower Upper

99 100

42 15.9 14.1 21.1

71 42.0 26.1 39.1#



#8

2-Chlorophenol

Concen: 4.446 ng

RT: 7.59 min Scan# 733

Delta R.T. -0.00 min

Lab File: BG035871.D

Acq: 25 Jul 2018 13:15

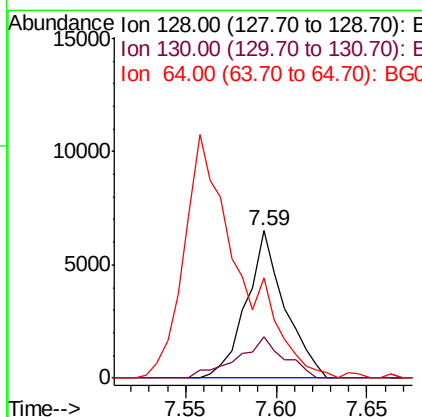
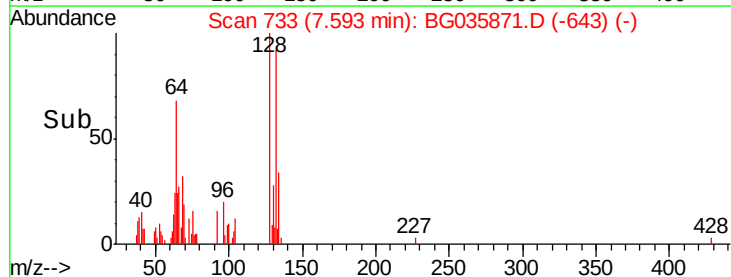
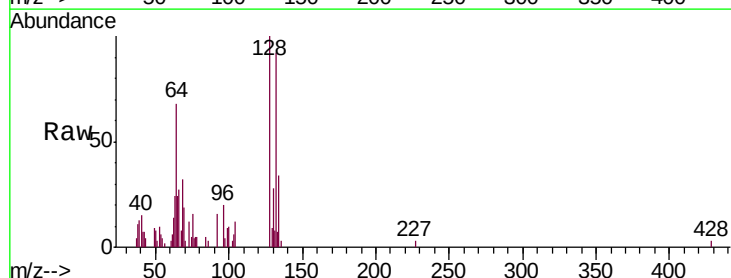
Tgt Ion:128 Resp: 9596

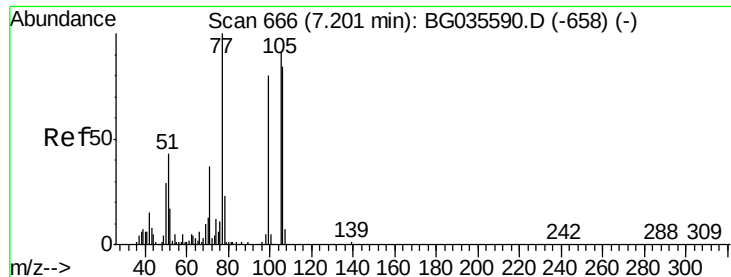
Ion Ratio Lower Upper

128 100

130 28.3 14.0 54.0

64 67.7 37.7 77.7





#9

Benzaldehyde

Concen: 5.299 ng

RT: 7.17 min Scan# 661

Delta R.T. 0.00 min

Lab File: BG035871.D

Acq: 25 Jul 2018 13:15

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2018

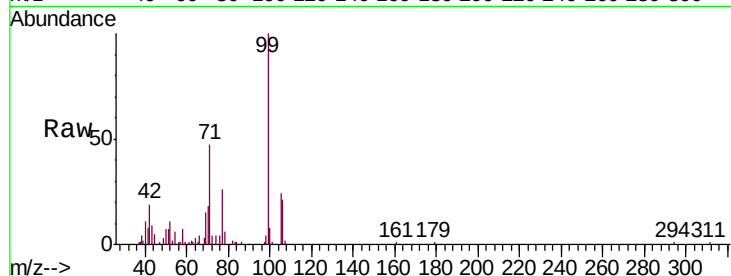
Tgt Ion: 77 Resp: 10294

Ion Ratio Lower Upper

77 100

105 93.4 71.3 111.3

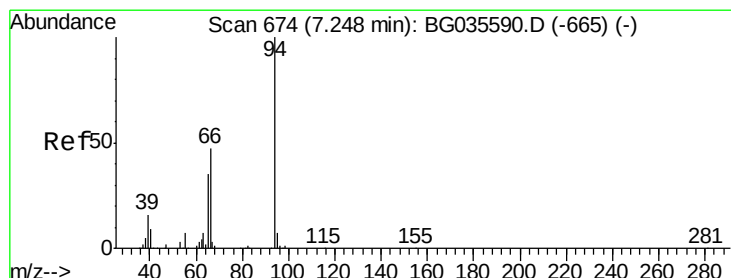
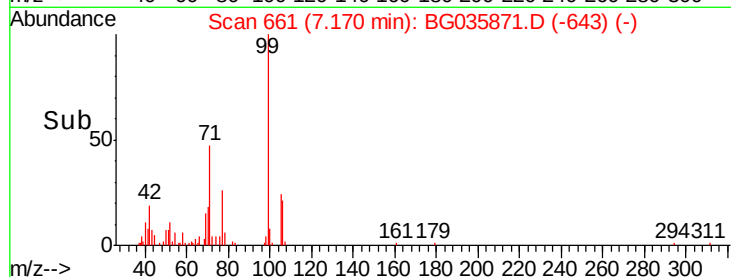
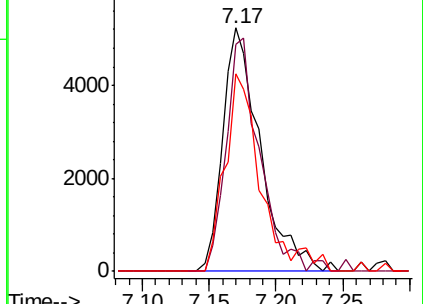
106 80.9 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 4.363 ng

RT: 7.22 min Scan# 670

Delta R.T. 0.00 min

Lab File: BG035871.D

Acq: 25 Jul 2018 13:15

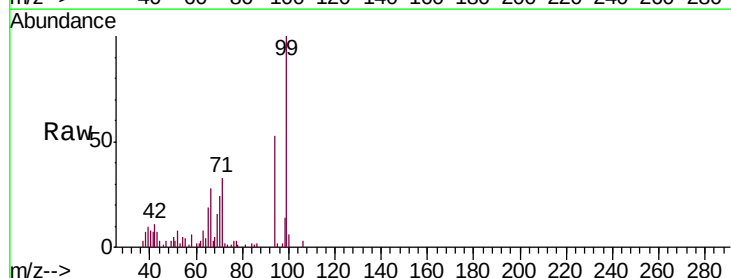
Tgt Ion: 94 Resp: 13955

Ion Ratio Lower Upper

94 100

65 34.8 11.9 51.9

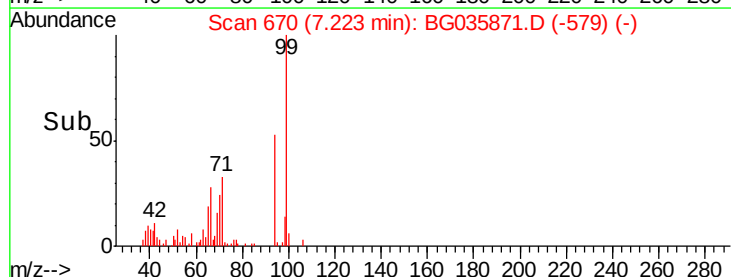
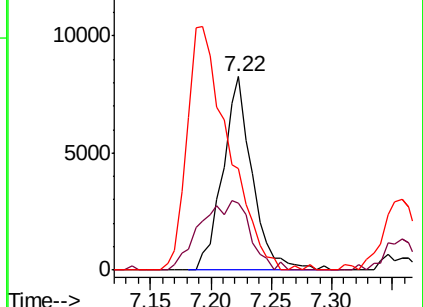
66 52.4 22.2 62.2

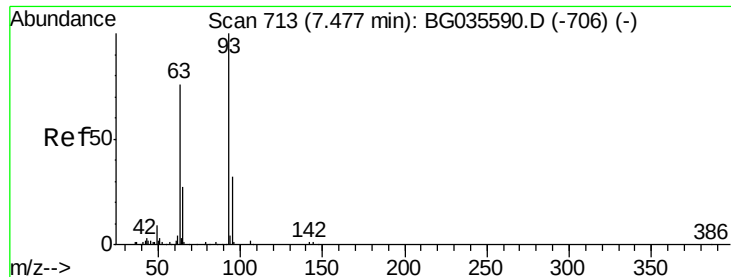


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

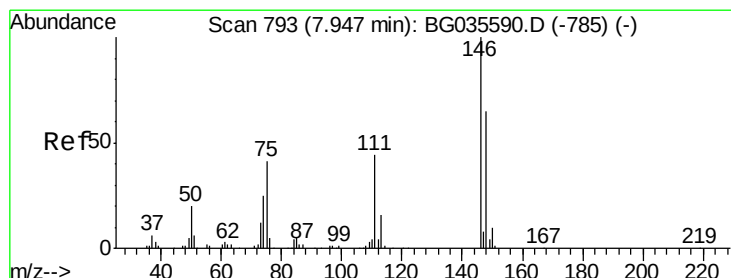
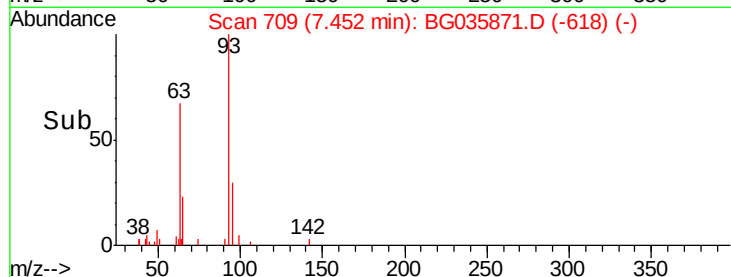
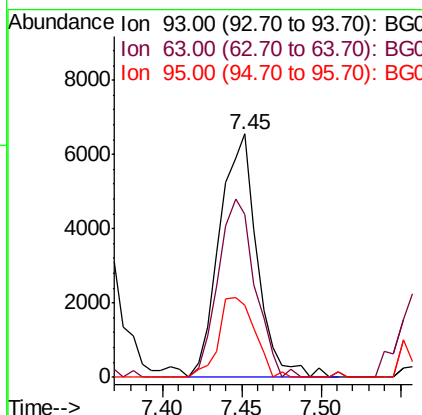
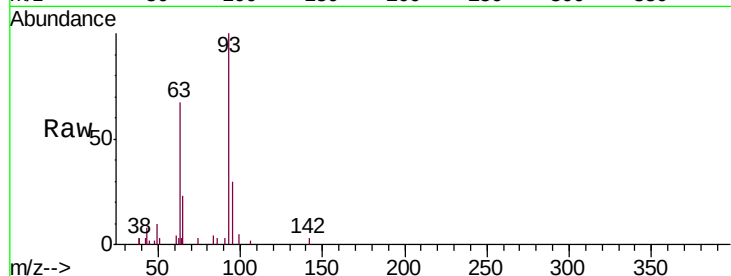




#11
 bis(2-Chloroethyl)ether
 Concen: 4.312 ng
 RT: 7.45 min Scan# 709
 Delta R.T. 0.00 min
 Lab File: BG035871.D
 Acq: 25 Jul 2018 13:15

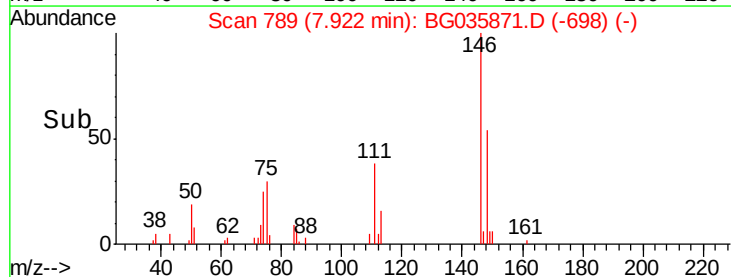
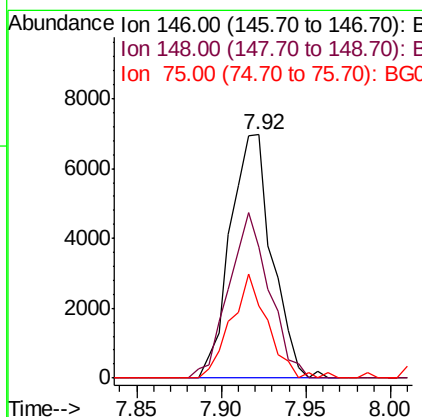
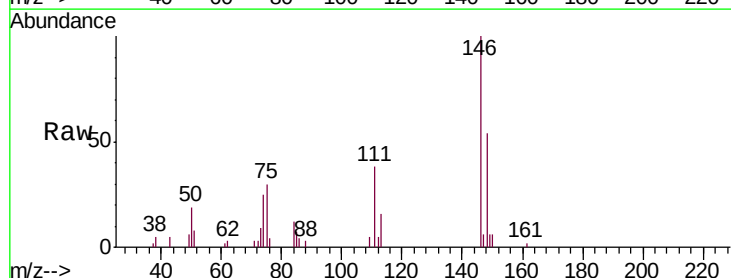
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT3-2018

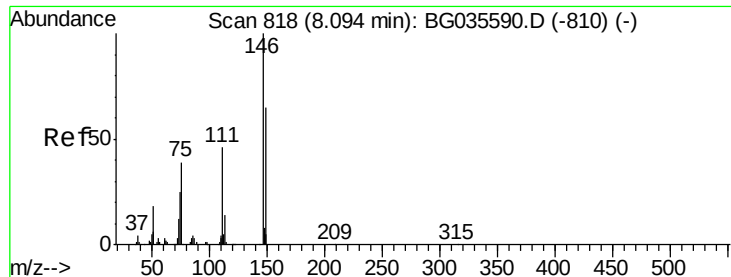
Tgt Ion: 93 Resp: 10802
 Ion Ratio Lower Upper
 93 100
 63 67.0 67.1 107.1#
 95 29.8 11.5 51.5



#12
 1,3-Dichlorobenzene
 Concen: 4.594 ng
 RT: 7.92 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BG035871.D
 Acq: 25 Jul 2018 13:15

Tgt Ion: 146 Resp: 11973
 Ion Ratio Lower Upper
 146 100
 148 53.6 51.4 77.2
 75 29.6 26.6 39.8

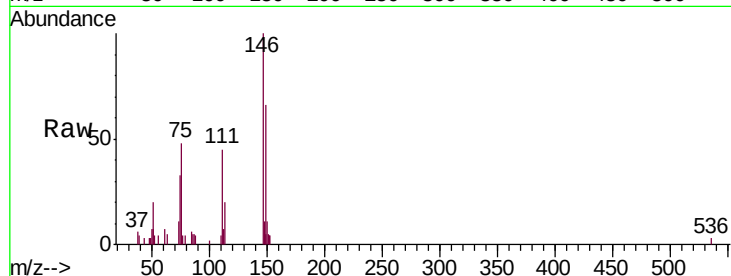




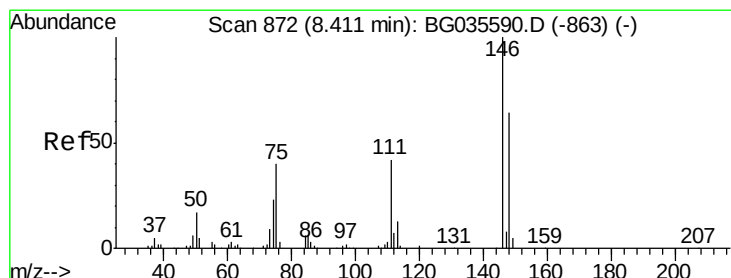
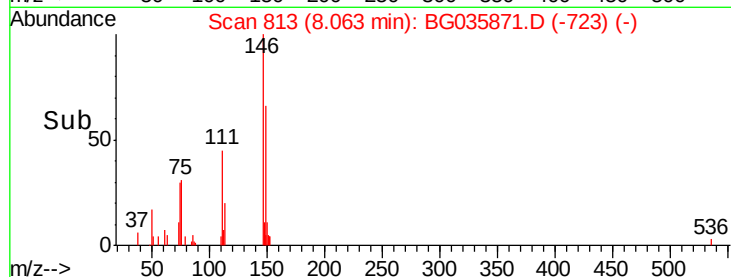
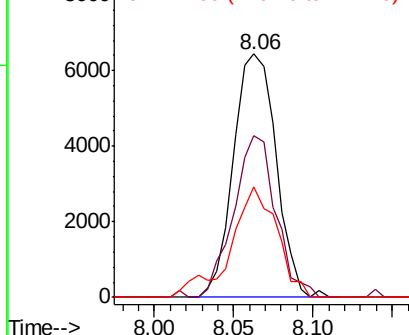
#13
 1,4-Dichlorobenzene
 Concen: 4.548 ng
 RT: 8.06 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BG035871.D
 Acq: 25 Jul 2018 13:15

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

Tgt Ion:146 Resp: 12042
 Ion Ratio Lower Upper
 146 100
 148 66.5 53.7 80.5
 111 45.5 35.2 52.8

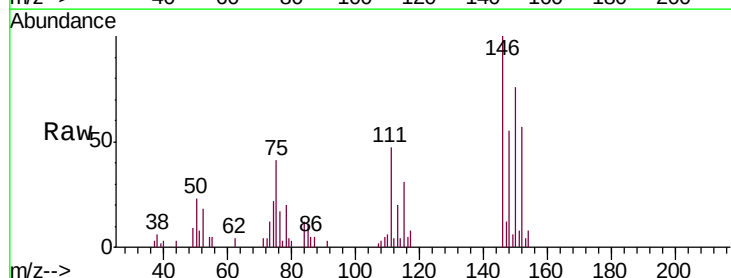


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

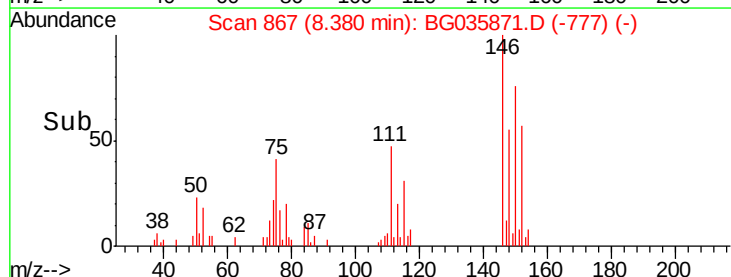
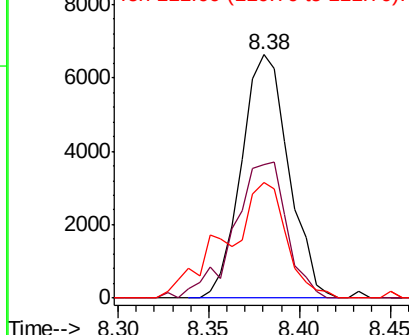


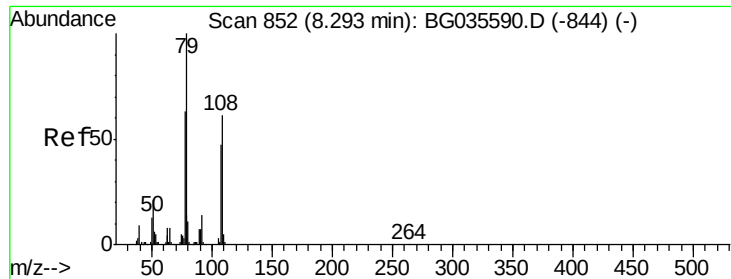
#14
 1,2-Dichlorobenzene
 Concen: 4.755 ng
 RT: 8.38 min Scan# 867
 Delta R.T. -0.00 min
 Lab File: BG035871.D
 Acq: 25 Jul 2018 13:15

Tgt Ion:146 Resp: 12096
 Ion Ratio Lower Upper
 146 100
 148 54.9 49.3 73.9
 111 47.4 34.3 51.5



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 3.318 ng

RT: 8.27 min Scan# 849

Delta R.T. 0.01 min

Lab File: BG035871.D

Acq: 25 Jul 2018 13:15

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2018

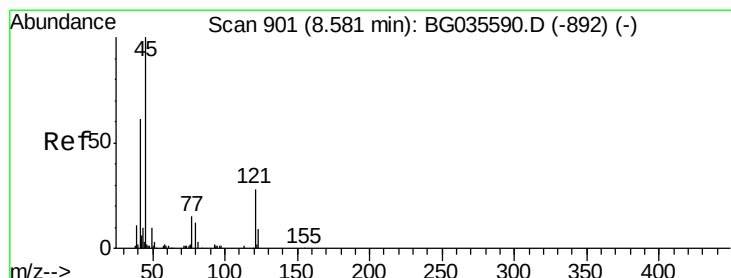
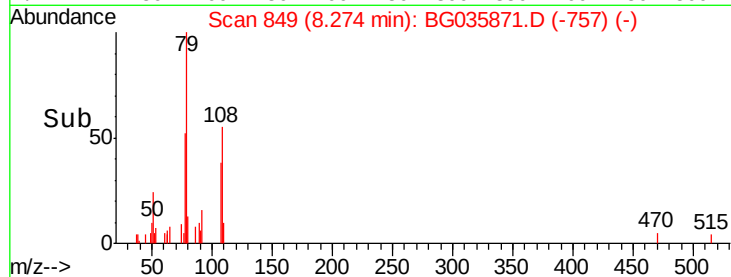
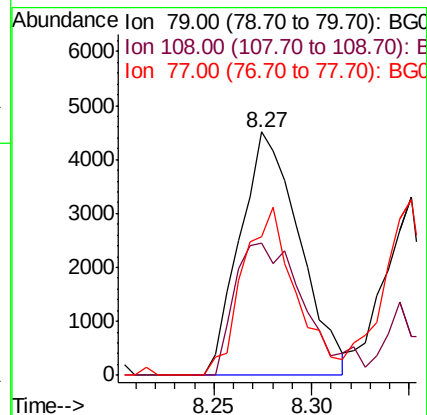
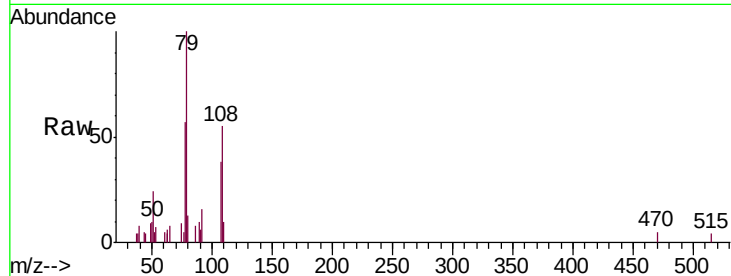
Tgt Ion: 79 Resp: 9538

Ion Ratio Lower Upper

79 100

108 54.5 57.2 85.8#

77 57.0 46.1 69.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 5.804 ng

RT: 8.55 min Scan# 896

Delta R.T. -0.00 min

Lab File: BG035871.D

Acq: 25 Jul 2018 13:15

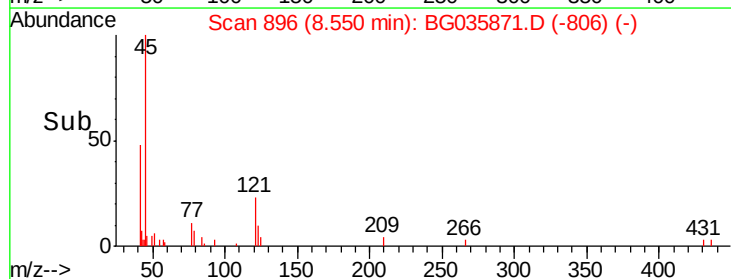
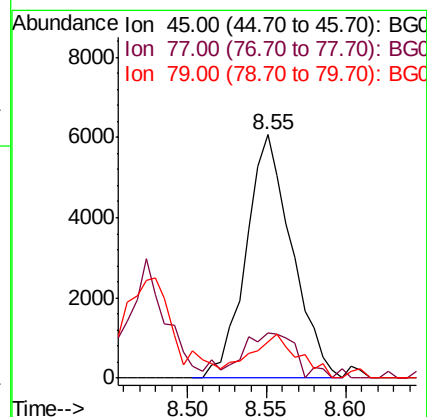
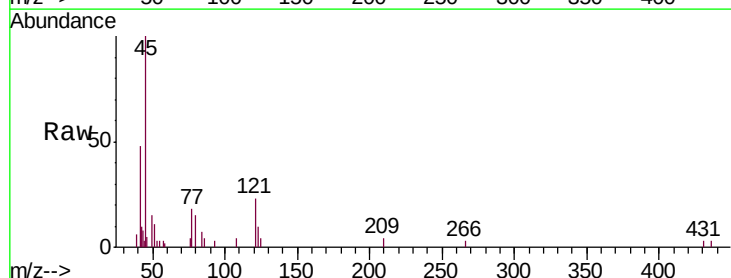
Tgt Ion: 45 Resp: 12189

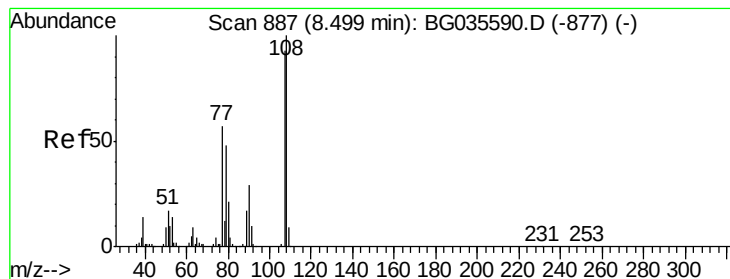
Ion Ratio Lower Upper

45 100

77 18.5 0.0 30.2

79 15.0 0.0 27.9





#17

2-Methylphenol

Concen: 4.234 ng

RT: 8.47 min Scan# 883

Delta R.T. 0.00 min

Lab File: BG035871.D

Acq: 25 Jul 2018 13:15

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2018

Tgt Ion:107 Resp: 9208

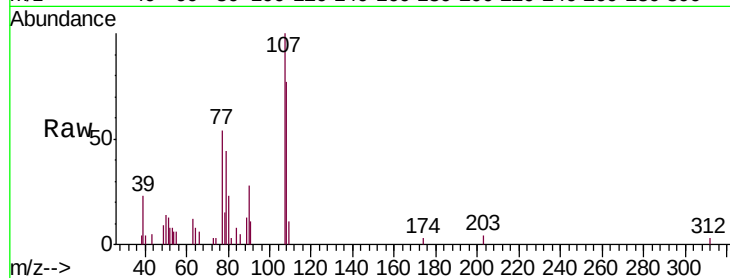
Ion Ratio Lower Upper

107 100

108 76.6 83.9 125.9#

77 54.1 37.2 55.8

79 44.5 36.2 54.2

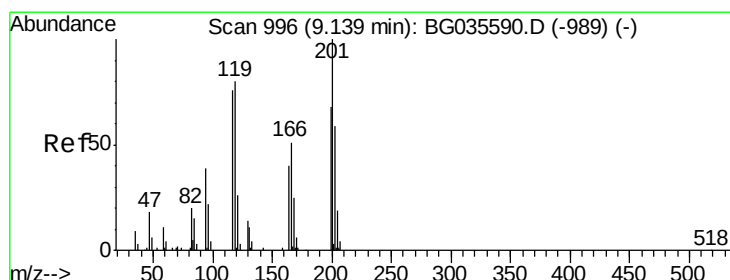
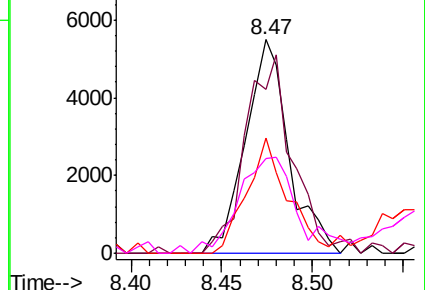
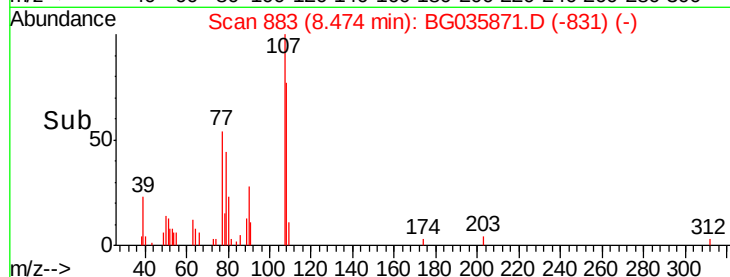


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG0

Ion 79.00 (78.70 to 79.70): BG0



#18

Hexachloroethane

Concen: 4.705 ng

RT: 9.11 min Scan# 991

Delta R.T. 0.00 min

Lab File: BG035871.D

Acq: 25 Jul 2018 13:15

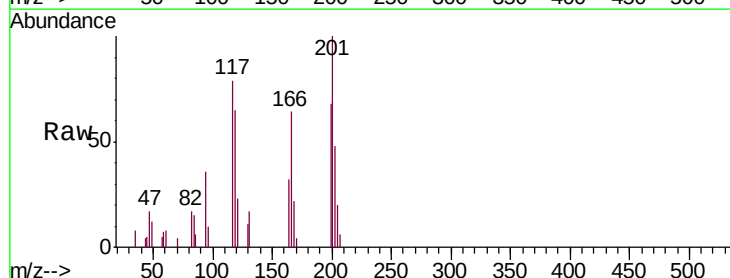
Tgt Ion:117 Resp: 4764

Ion Ratio Lower Upper

117 100

119 82.1 76.7 115.1

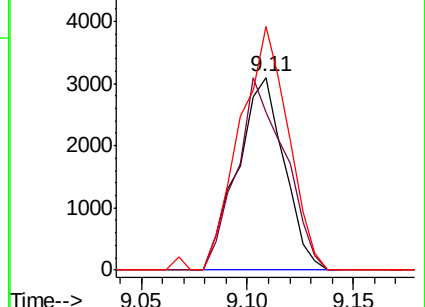
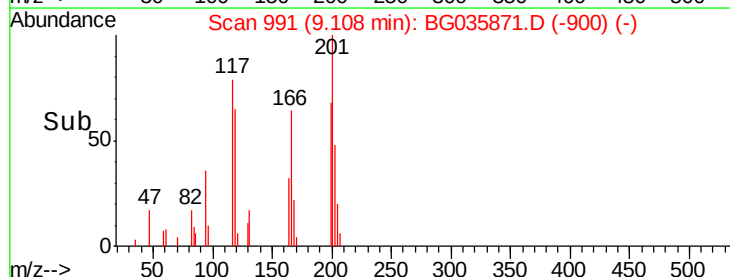
201 126.5 95.7 143.5

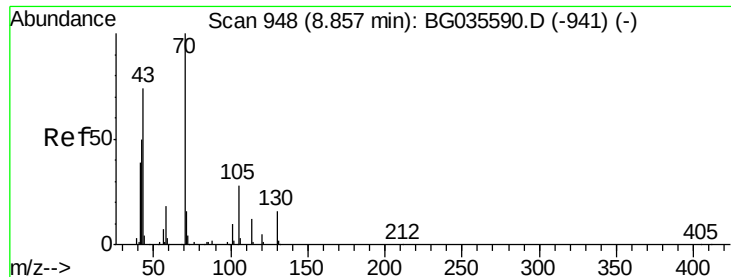


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

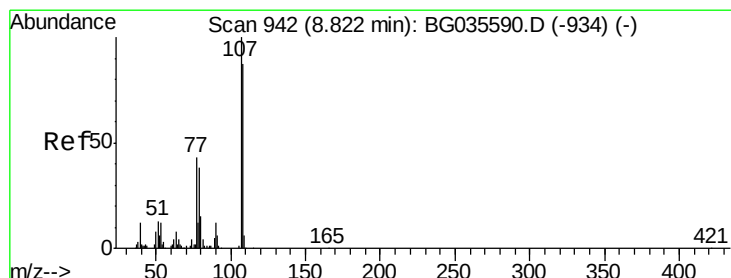
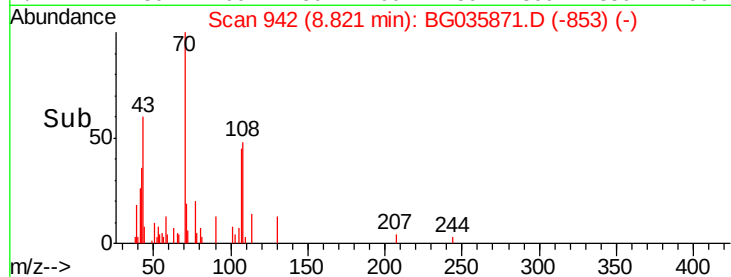
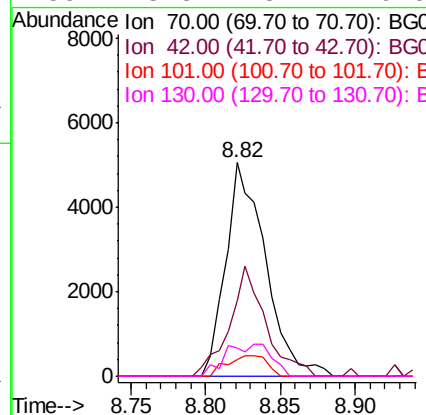
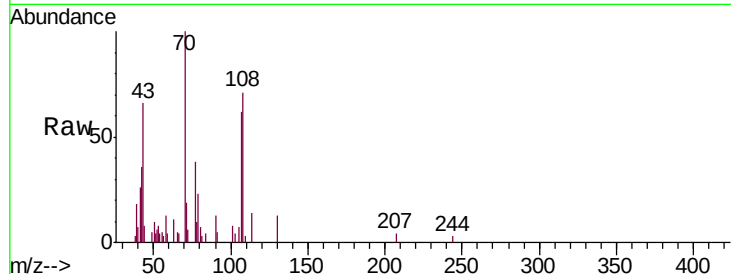




#19
n-Nitroso-di-n-propylamine
Concen: 3.516 ng
RT: 8.82 min Scan# 942
Delta R.T. -0.01 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

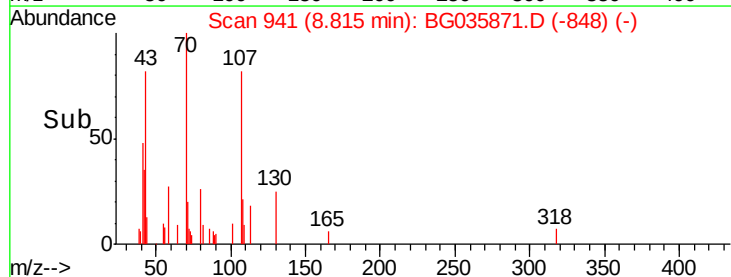
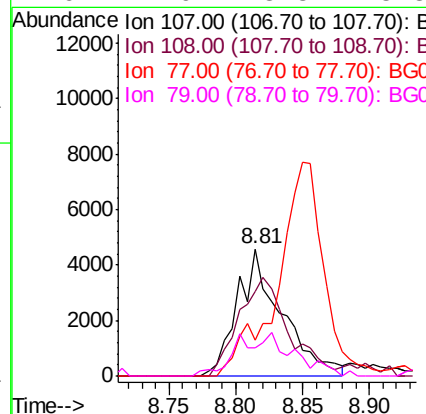
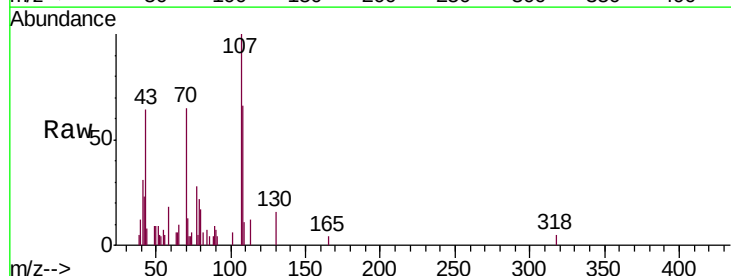
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2018

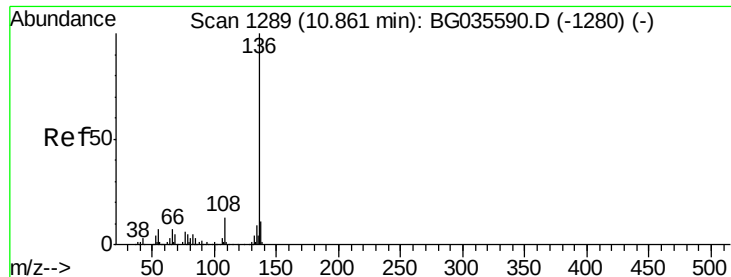
Tgt Ion:	70	Resp:	9374
Ion	Ratio	Lower	Upper
70	100		
42	35.5	49.1	73.7#
101	7.6	8.5	12.7#
130	13.3	13.4	20.0#



#20
3+4-Methylphenols
Concen: 3.525 ng
RT: 8.81 min Scan# 941
Delta R.T. 0.02 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

Tgt Ion:	107	Resp:	10633
Ion	Ratio	Lower	Upper
107	100		
108	66.3	61.6	101.6
77	28.0	13.9	53.9
79	21.9	8.8	48.8

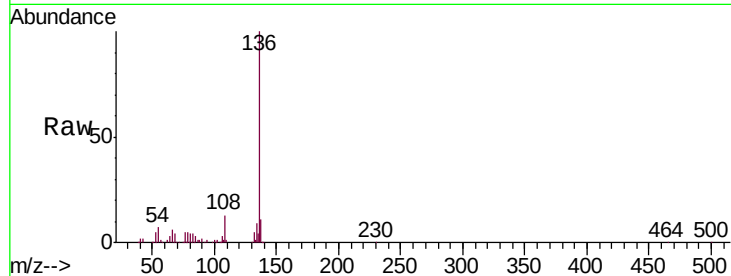




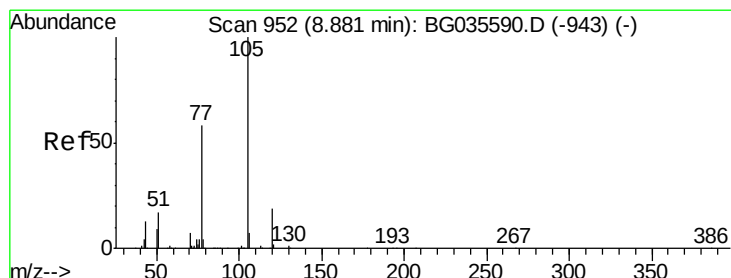
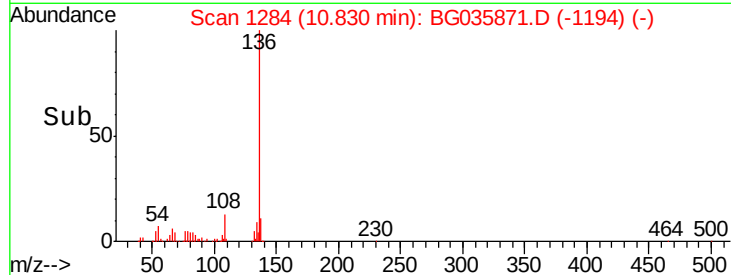
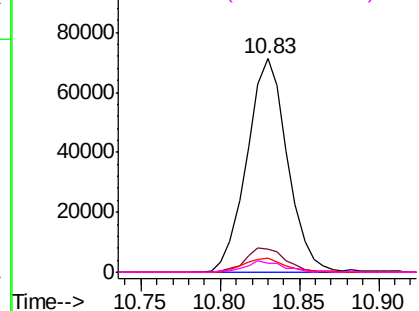
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

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

Tgt Ion:	136	Resp:	126167
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	6.6	10.3	15.5#
68	3.9	4.5	6.7#

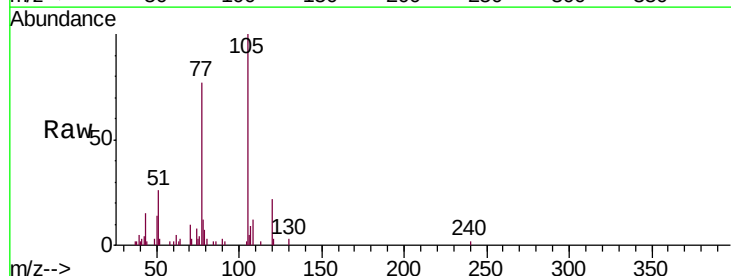


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

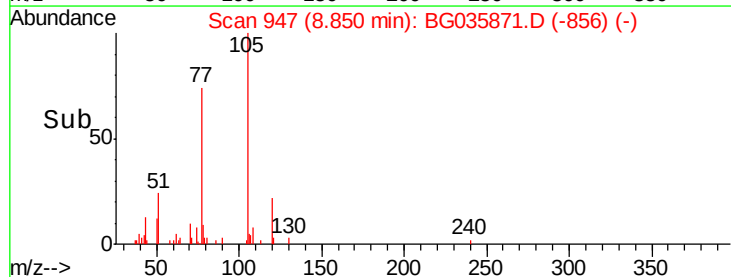
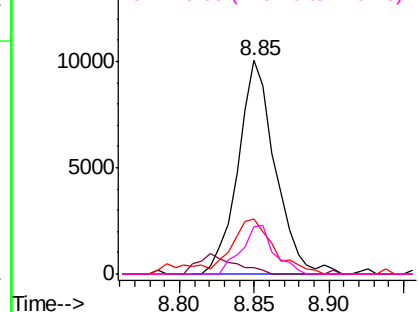


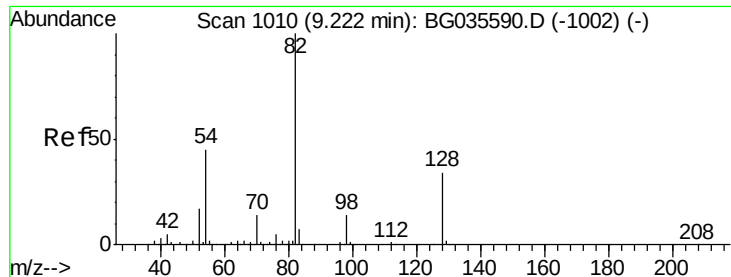
#22
Acetophenone
Concen: 4.417 ng
RT: 8.85 min Scan# 947
Delta R.T. 0.00 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

Tgt Ion:	105	Resp:	17329
Ion	Ratio	Lower	Upper
105	100		
71	3.1	3.0	4.4
51	25.6	26.1	39.1#
120	22.3	17.4	26.2



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BG
Ion 51.00 (50.70 to 51.70): BG
Ion 120.00 (119.70 to 120.70): E

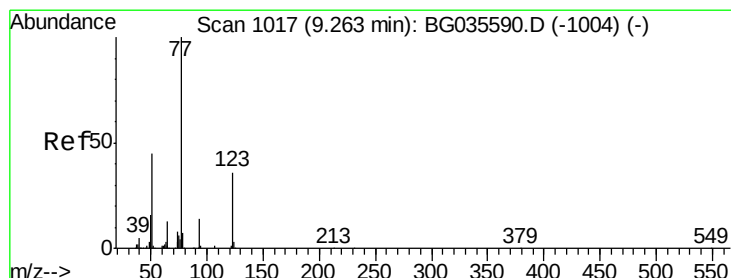
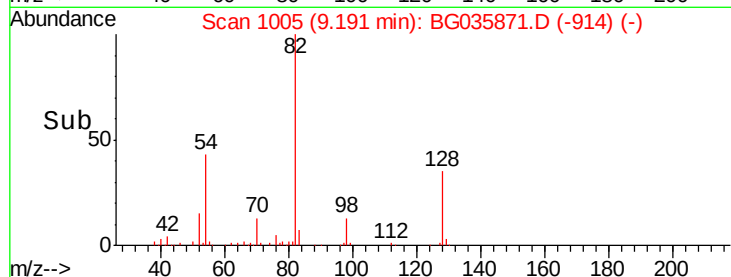
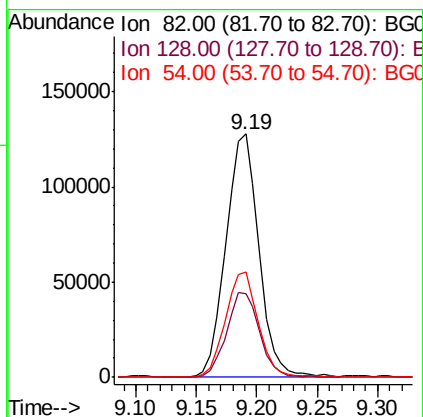
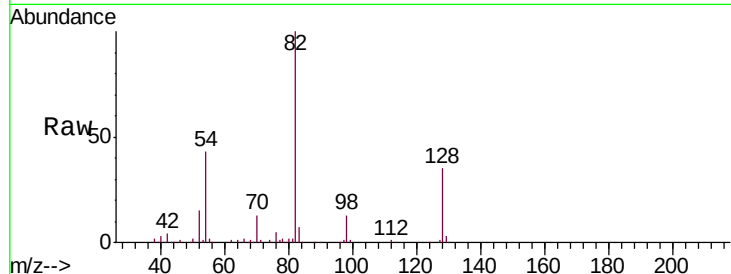




#23
 Nitrobenzene-d5
 Concen: 80.353 ng
 RT: 9.19 min Scan# 1005
 Delta R.T. 0.00 min
 Lab File: BG035871.D
 Acq: 25 Jul 2018 13:15

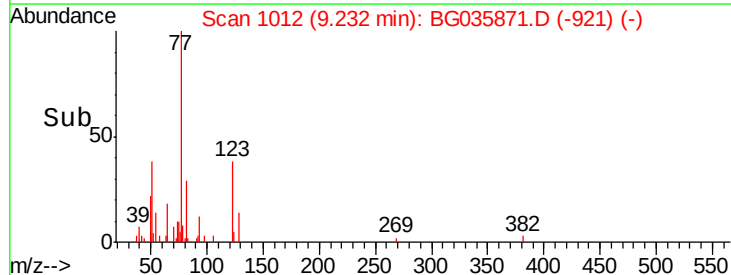
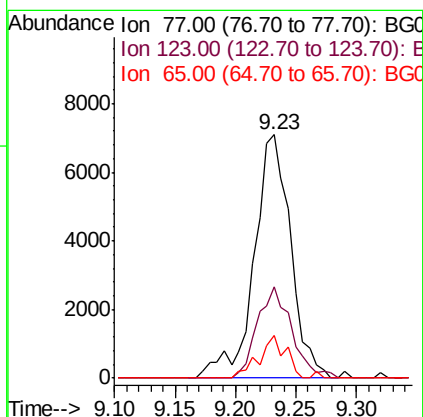
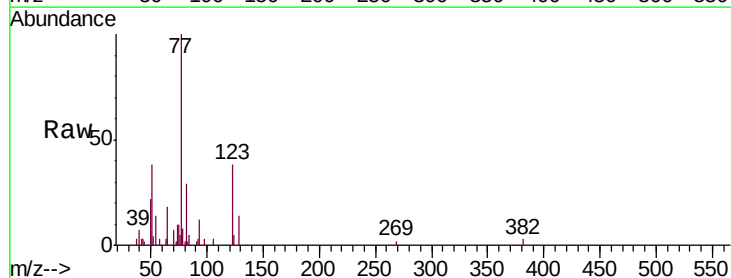
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT3-2018

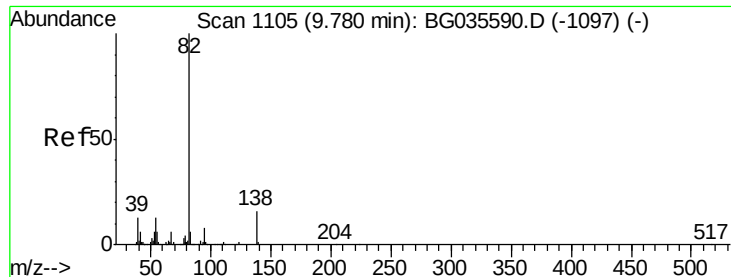
Tgt Ion: 82 Resp: 242680
 Ion Ratio Lower Upper
 82 100
 128 34.6 29.7 44.5
 54 43.5 43.1 64.7



#24
 Nitrobenzene
 Concen: 4.892 ng
 RT: 9.23 min Scan# 1012
 Delta R.T. 0.00 min
 Lab File: BG035871.D
 Acq: 25 Jul 2018 13:15

Tgt Ion: 77 Resp: 14860
 Ion Ratio Lower Upper
 77 100
 123 37.7 33.0 49.6
 65 17.5 13.0 19.6





#25

Isophorone

Concen: 4.768 ng

RT: 9.75 min Scan# 1101

Delta R.T. 0.00 min

Lab File: BG035871.D

Acq: 25 Jul 2018 13:15

Instrument :

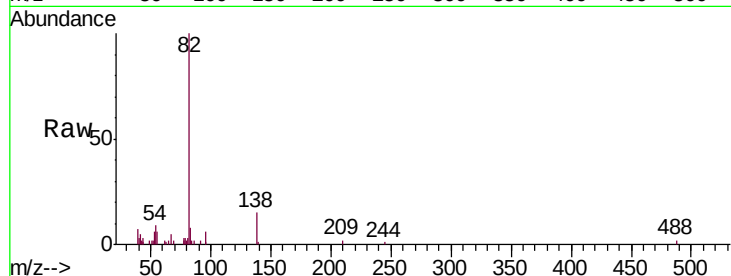
BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2018

Tgt Ion: 82 Resp: 26731

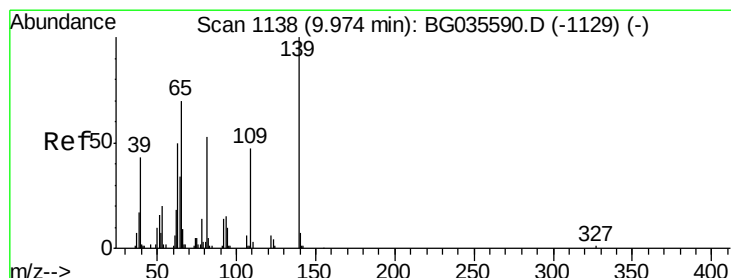
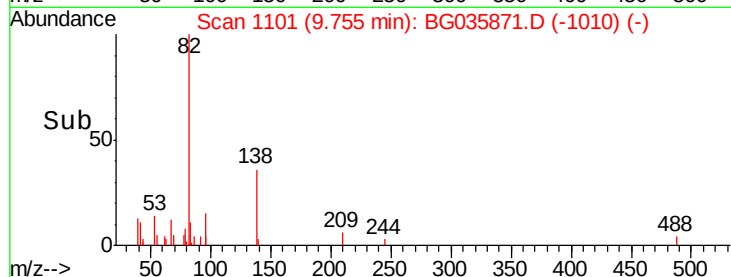
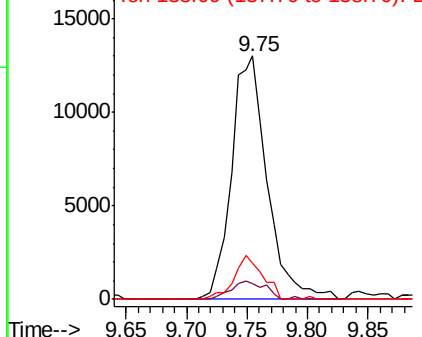
Ion	Ratio	Lower	Upper
82	100		
95	6.4	6.2	9.2
138	15.0	12.1	18.1



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 4.618 ng

RT: 9.95 min Scan# 1135

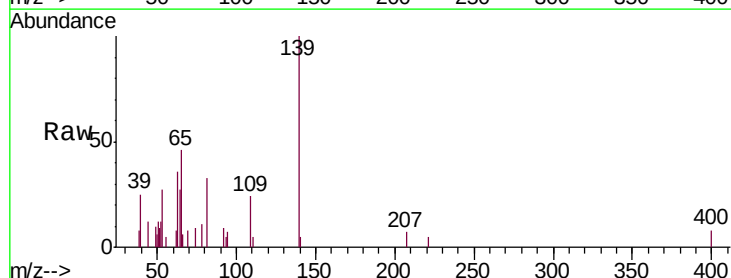
Delta R.T. 0.01 min

Lab File: BG035871.D

Acq: 25 Jul 2018 13:15

Tgt Ion: 139 Resp: 4982

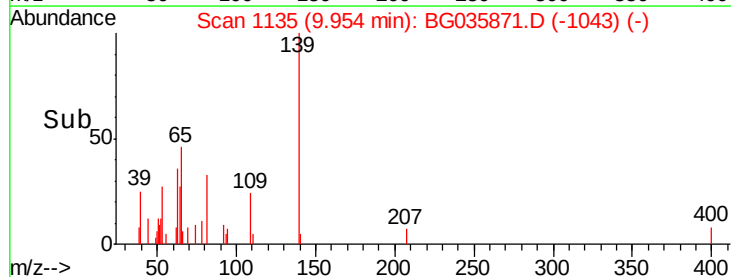
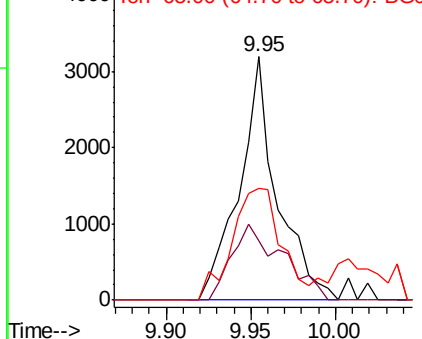
Ion	Ratio	Lower	Upper
139	100		
109	24.3	24.2	36.2
65	45.9	47.4	71.0

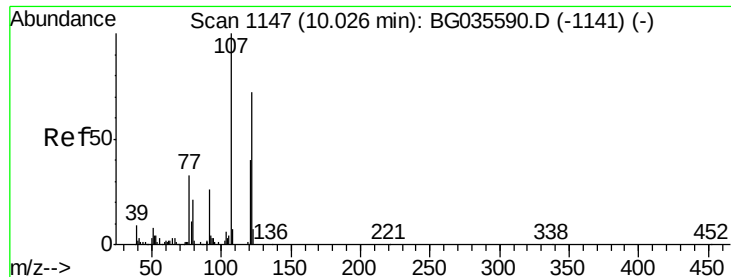


Abundance Ion 139.00 (138.70 to 139.70): BGC

Ion 109.00 (108.70 to 109.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

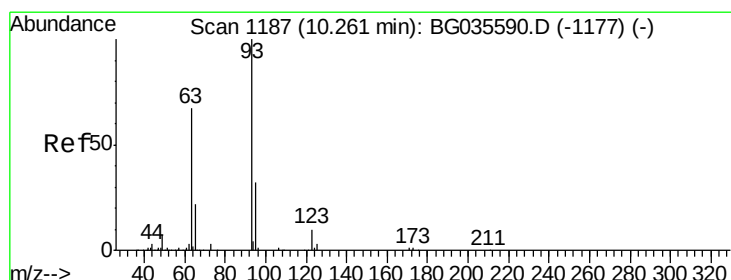
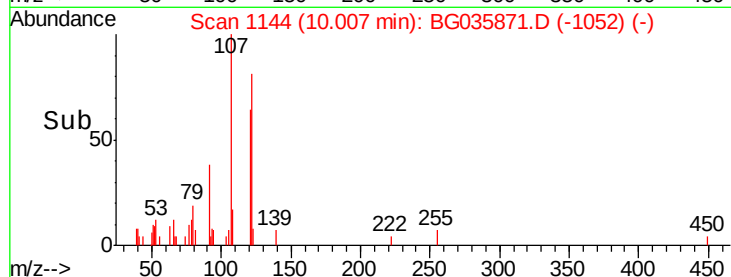
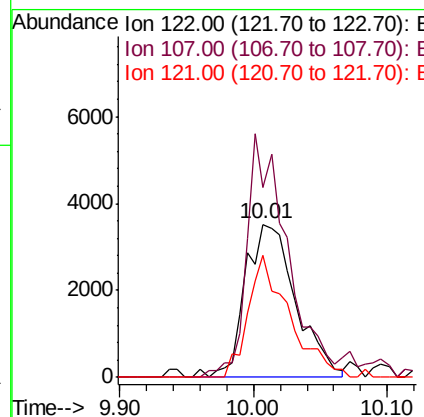
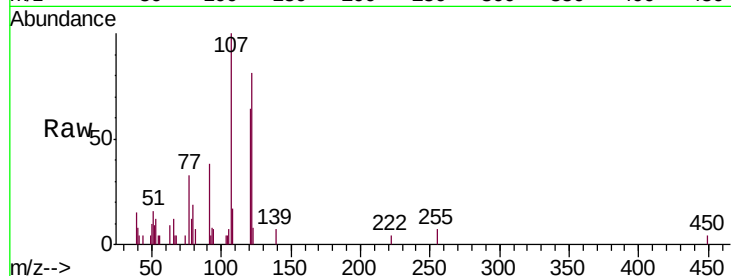




#27
 2,4-Dimethylphenol
 Concen: 5.050 ng
 RT: 10.01 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: BG035871.D
 Acq: 25 Jul 2018 13:15

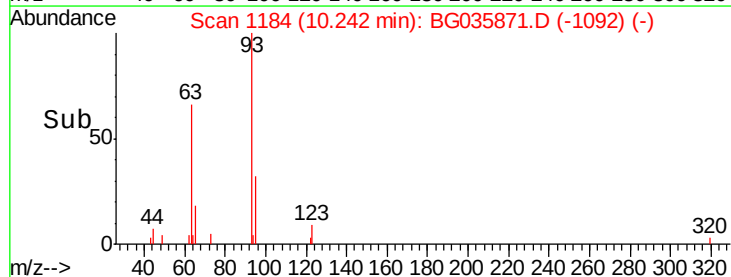
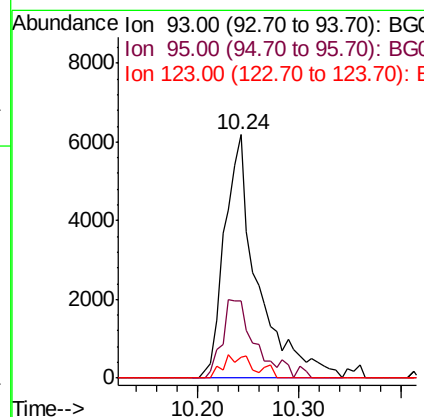
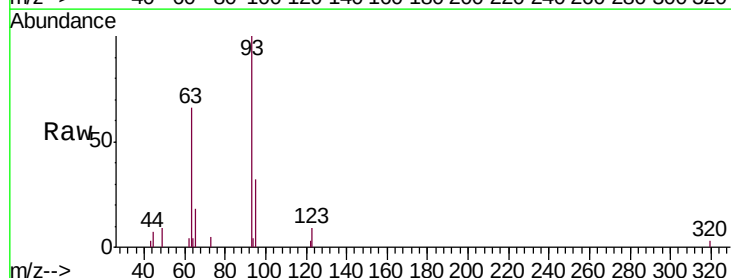
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT3-2018

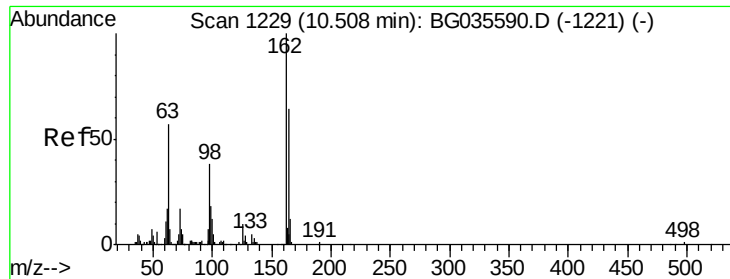
Tgt Ion: 122 Resp: 9221
 Ion Ratio Lower Upper
 122 100
 107 123.9 100.2 150.2
 121 79.6 44.4 66.6#



#28
 bis(2-Chloroethoxy)methane
 Concen: 4.539 ng
 RT: 10.24 min Scan# 1184
 Delta R.T. 0.01 min
 Lab File: BG035871.D
 Acq: 25 Jul 2018 13:15

Tgt Ion: 93 Resp: 14023
 Ion Ratio Lower Upper
 93 100
 95 31.6 24.3 36.5
 123 8.5 8.4 12.6

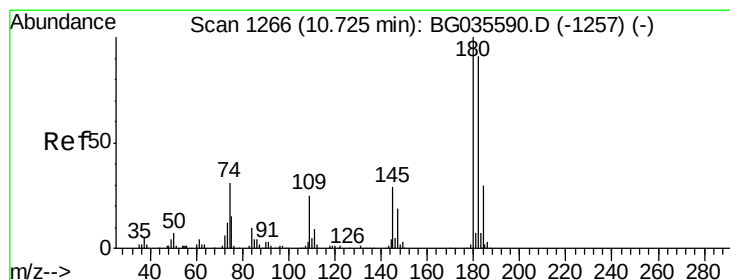
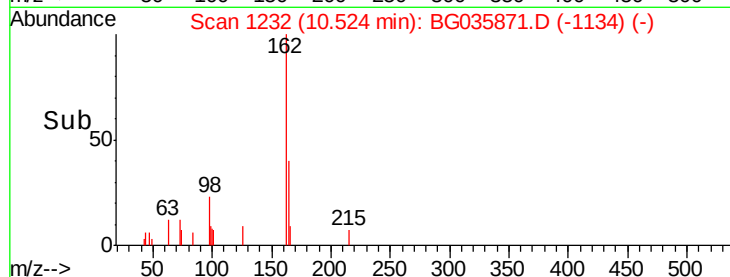
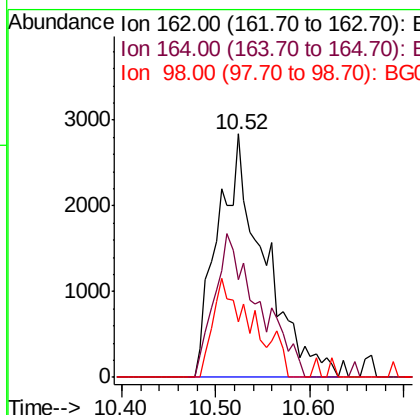
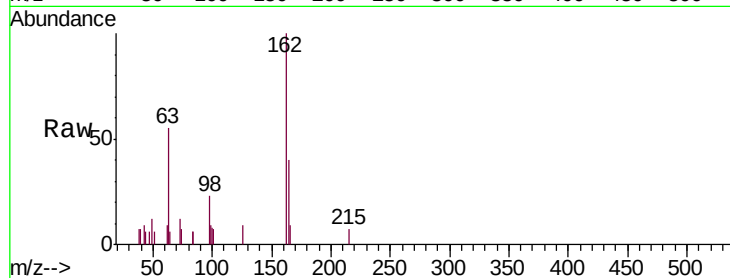




#29
 2,4-Dichlorophenol
 Concen: 4.679 ng
 RT: 10.52 min Scan# 1232
 Delta R.T. 0.04 min
 Lab File: BG035871.D
 Acq: 25 Jul 2018 13:15

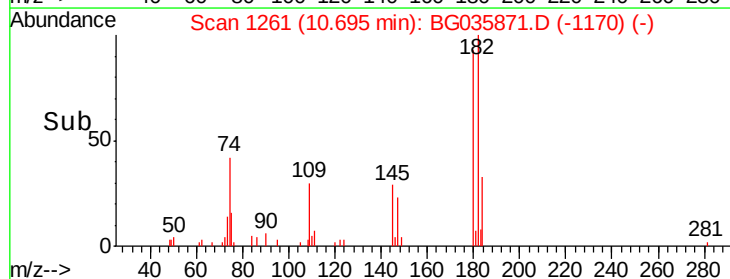
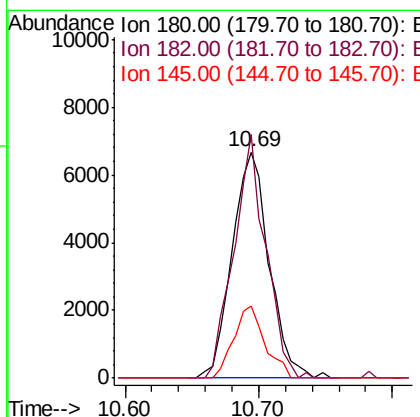
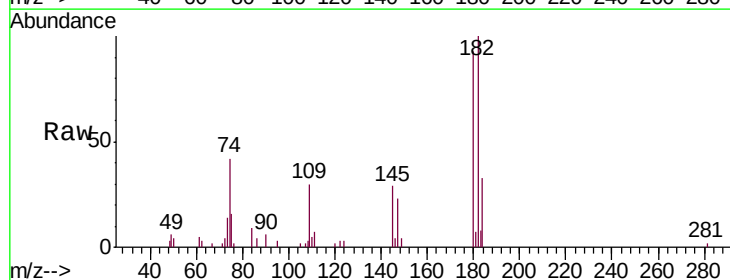
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT3-2018

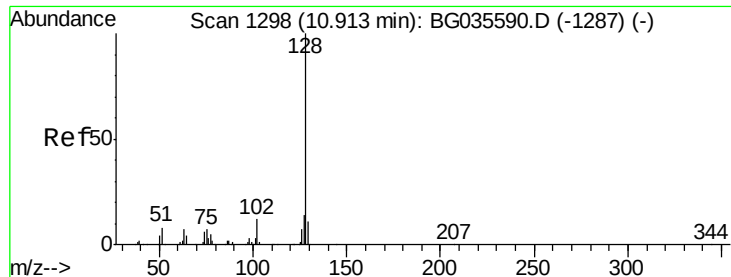
Tgt Ion:162 Resp: 9752
 Ion Ratio Lower Upper
 162 100
 164 40.3 48.0 88.0#
 98 22.6 21.1 61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 5.019 ng
 RT: 10.69 min Scan# 1261
 Delta R.T. 0.00 min
 Lab File: BG035871.D
 Acq: 25 Jul 2018 13:15

Tgt Ion:180 Resp: 12829
 Ion Ratio Lower Upper
 180 100
 182 107.8 77.5 116.3
 145 31.7 23.4 35.2

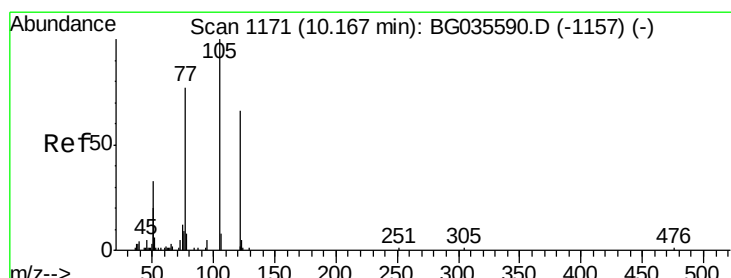
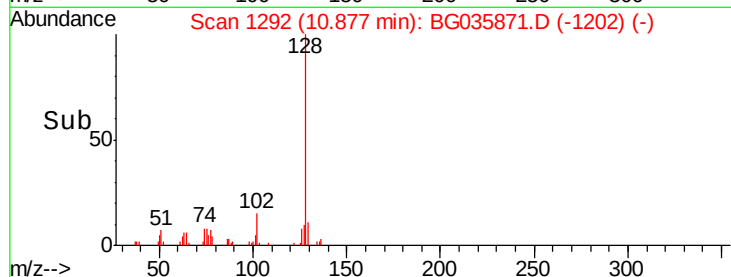
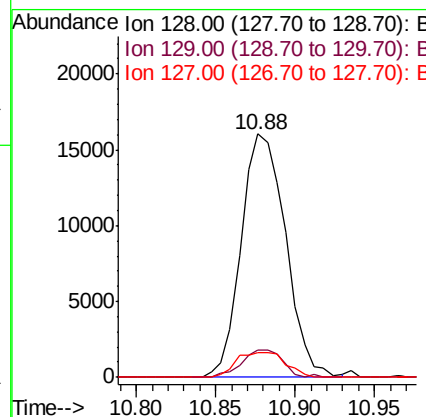
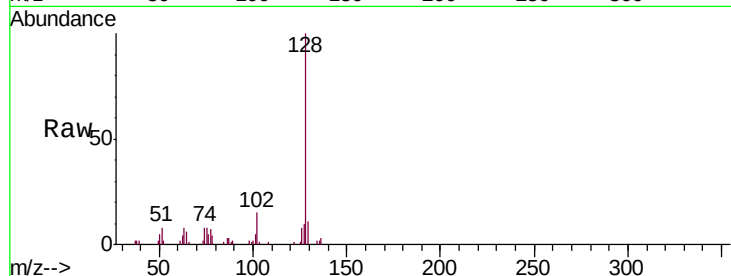




#31
Naphthalene
Concen: 4.756 ng
RT: 10.88 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

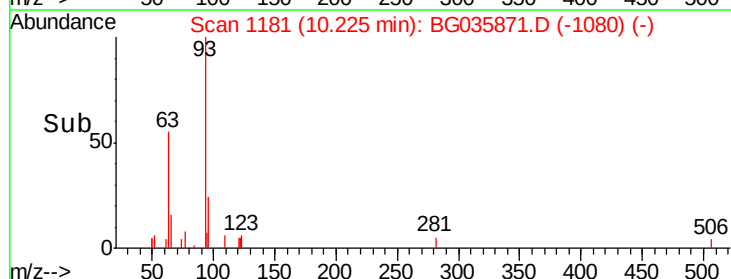
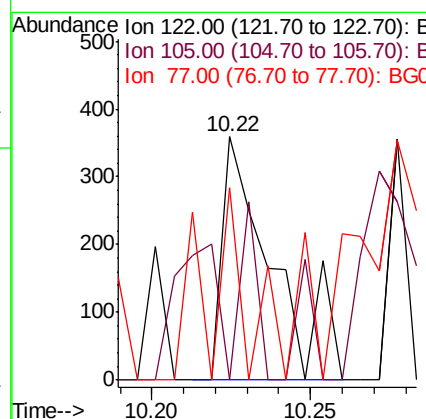
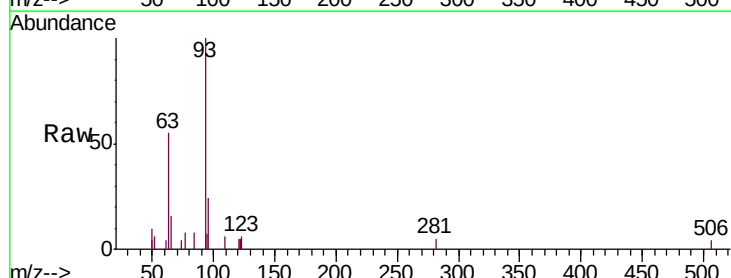
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2018

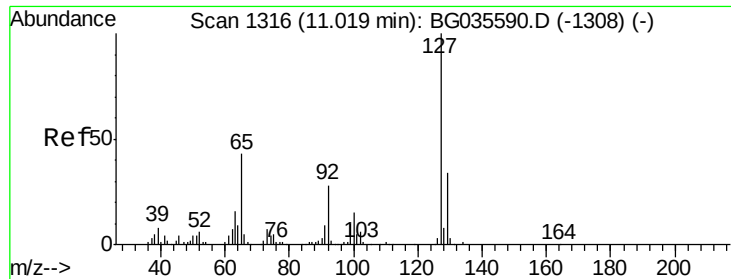
Tgt Ion:128 Resp: 31255
Ion Ratio Lower Upper
128 100
129 11.2 8.6 12.8
127 10.2 11.6 17.4#



#32
Benzoic acid
Concen: 0.319 ng
RT: 10.22 min Scan# 1181
Delta R.T. 0.06 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

Tgt Ion:122 Resp: 392
Ion Ratio Lower Upper
122 100
105 0.0 123.5 163.5#
77 79.1 85.7 125.7#

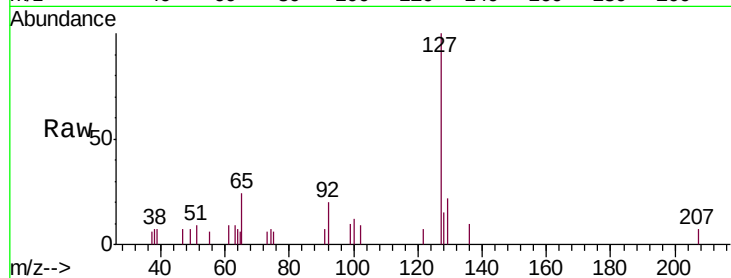




#33
4-Chloroaniline
Concen: 2.612 ng
RT: 11.01 min Scan# 1314
Delta R.T. 0.02 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

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

Tgt Ion:	127	Resp:	7483
Ion	Ratio	Lower	Upper
127	100		
129	21.5	24.0	36.0#
65	23.5	27.0	40.4#
92	20.5	16.6	25.0



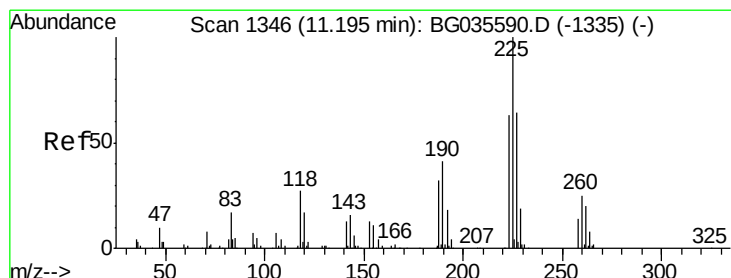
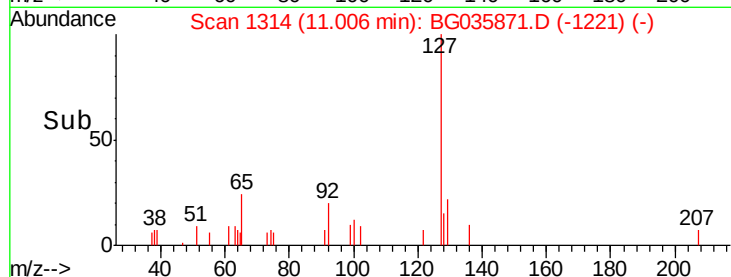
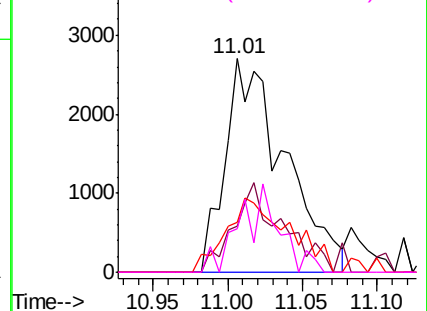
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

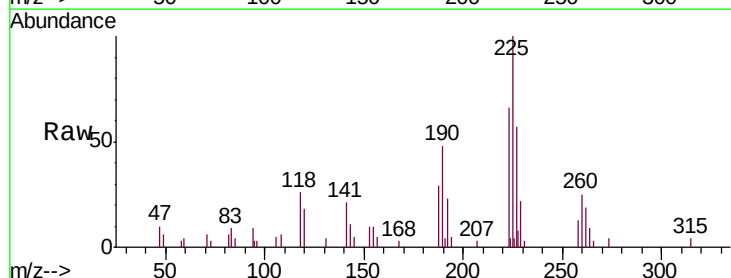
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 5.190 ng
RT: 11.16 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

Tgt Ion:	225	Resp:	10343
Ion	Ratio	Lower	Upper
225	100		
223	66.3	49.7	74.5
227	56.5	48.1	72.1

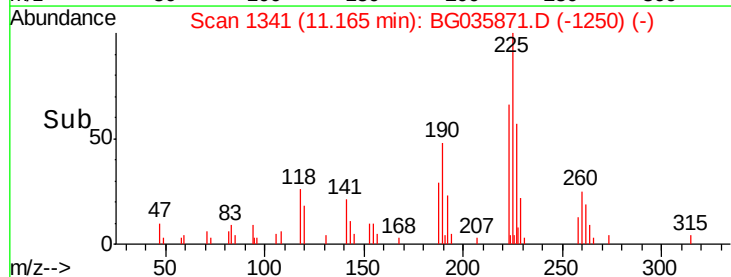
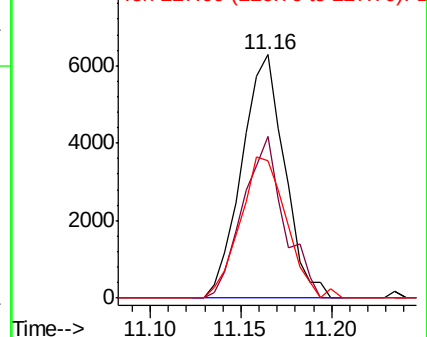


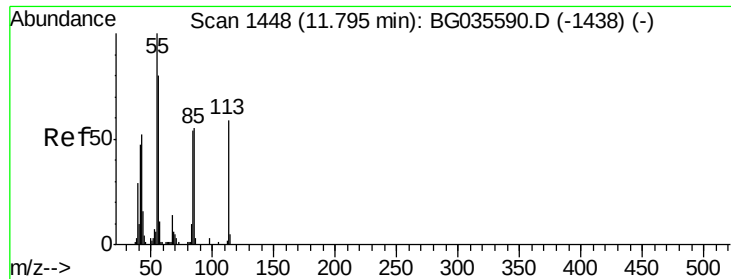
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

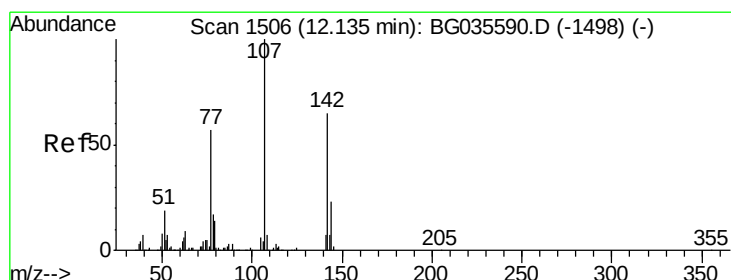
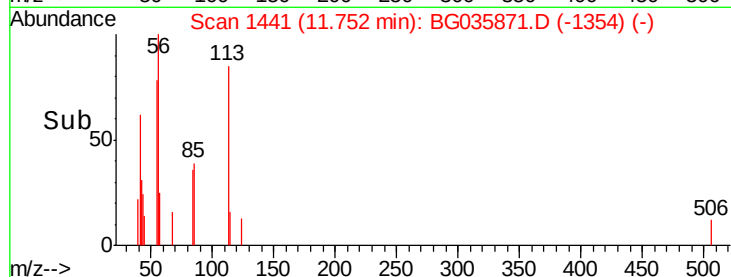
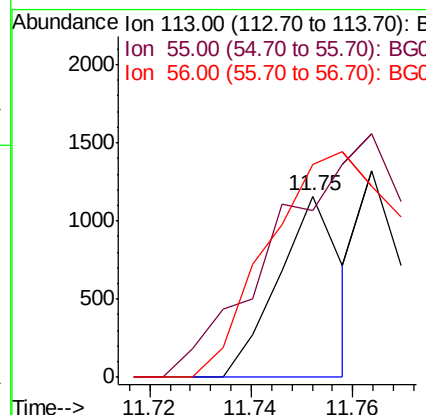
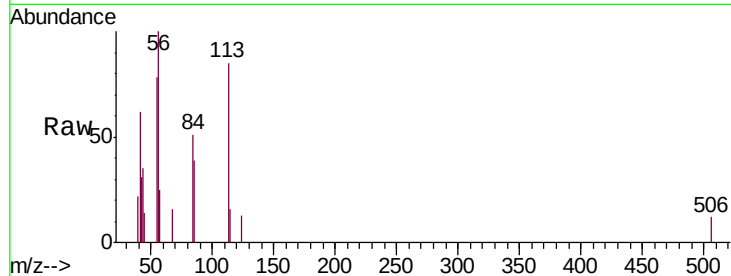




#35
 Caprolactam
 Concen: 1.115 ng
 RT: 11.75 min Scan# 1441
 Delta R.T. -0.02 min
 Lab File: BG035871.D
 Acq: 25 Jul 2018 13:15

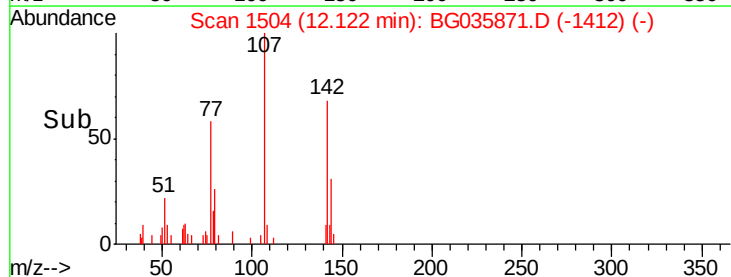
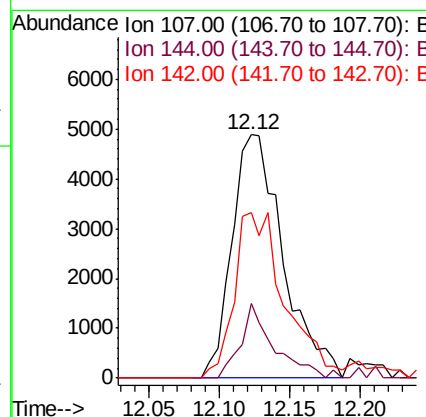
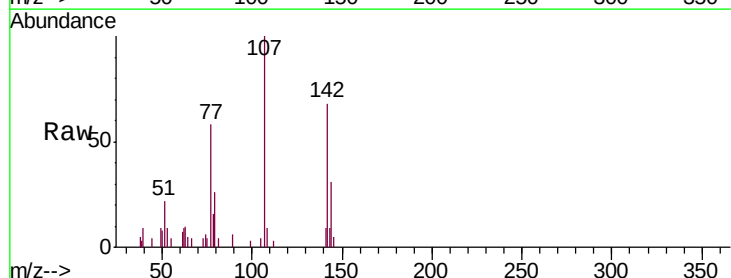
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT3-2018

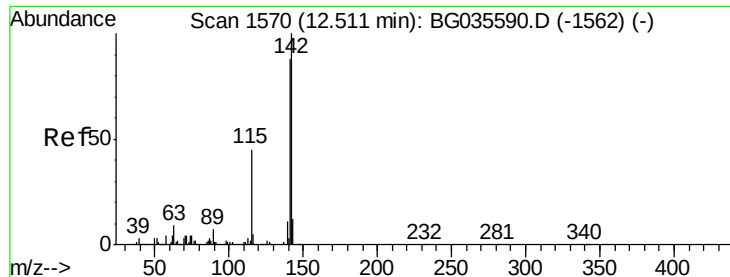
Tgt Ion:113 Resp: 997
 Ion Ratio Lower Upper
 113 100
 55 92.1 186.9 226.9#
 56 117.5 130.9 170.9#



#36
 4-Chloro-3-methylphenol
 Concen: 4.431 ng
 RT: 12.12 min Scan# 1504
 Delta R.T. 0.01 min
 Lab File: BG035871.D
 Acq: 25 Jul 2018 13:15

Tgt Ion:107 Resp: 12379
 Ion Ratio Lower Upper
 107 100
 144 30.6 18.2 27.4#
 142 67.8 59.0 88.4

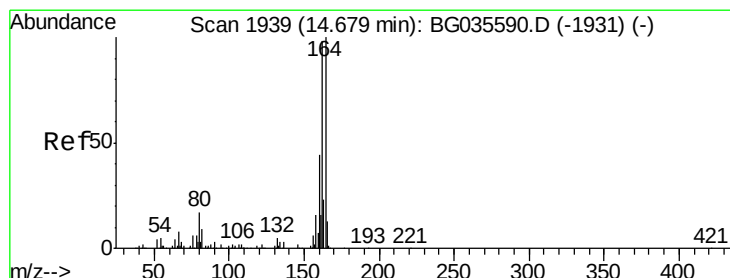
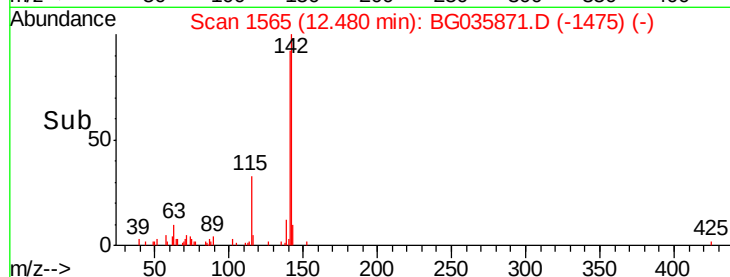
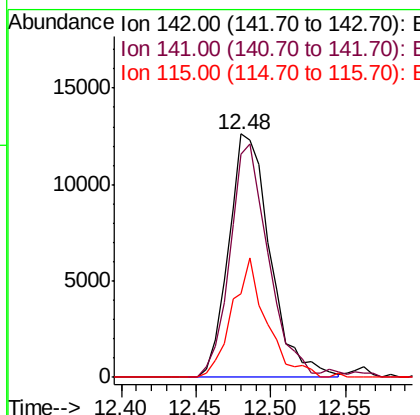
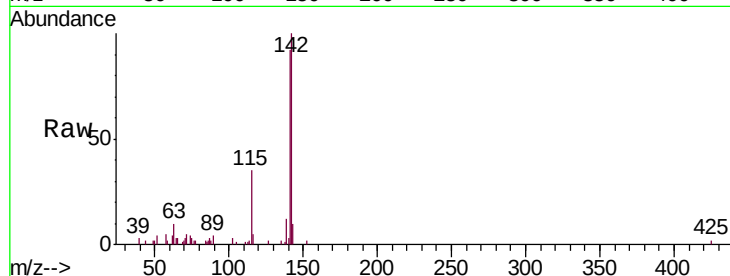




#37
 2-Methylnaphthalene
 Concen: 4.990 ng
 RT: 12.48 min Scan# 1565
 Delta R.T. -0.00 min
 Lab File: BG035871.D
 Acq: 25 Jul 2018 13:15

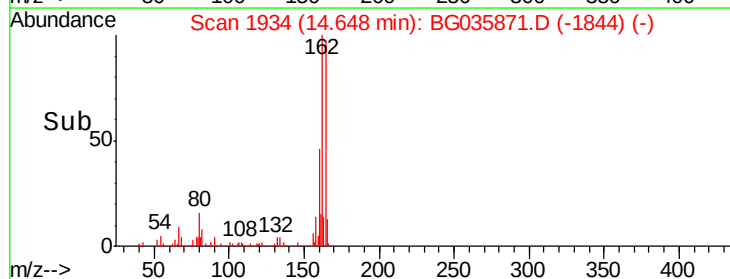
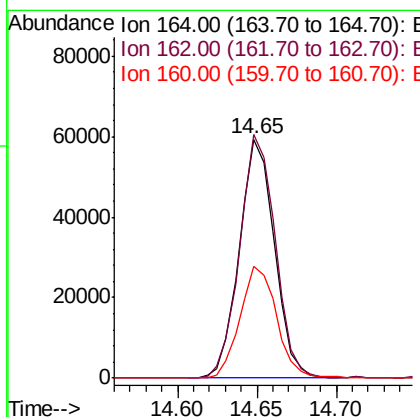
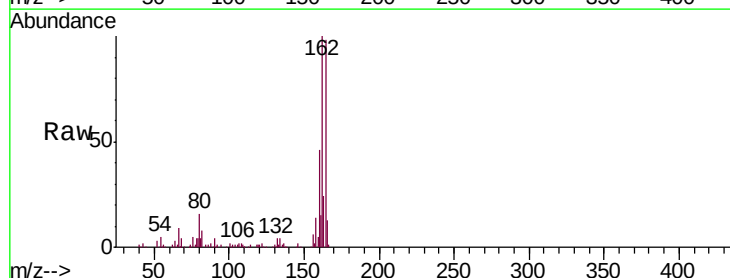
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT3-2018

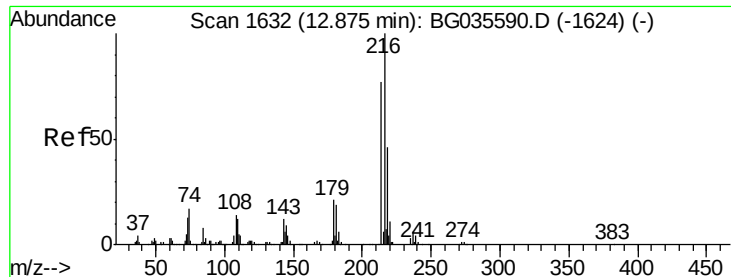
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	67.1	100.7
115	34.6	30.7	46.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.00 min
 Lab File: BG035871.D
 Acq: 25 Jul 2018 13:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	78.8	118.2
160	47.0	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 4.972 ng

RT: 12.86 min Scan# 1629

Delta R.T. 0.01 min

Lab File: BG035871.D

Acq: 25 Jul 2018 13:15

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2018

Tgt Ion:216 Resp: 17131

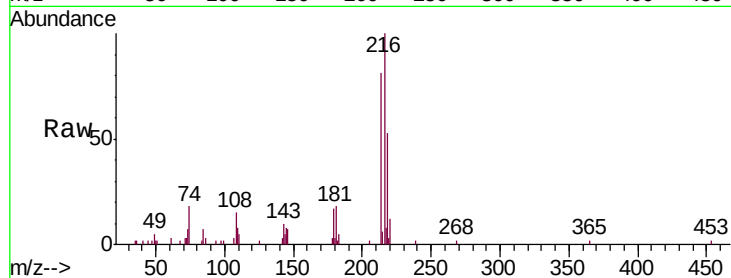
Ion Ratio Lower Upper

216 100

214 79.5 63.0 94.4

179 19.3 17.0 25.6

108 16.5 12.8 19.2

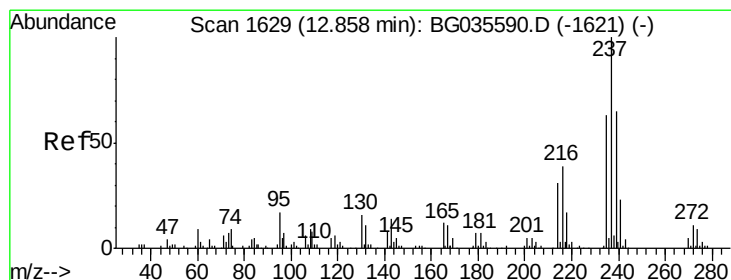
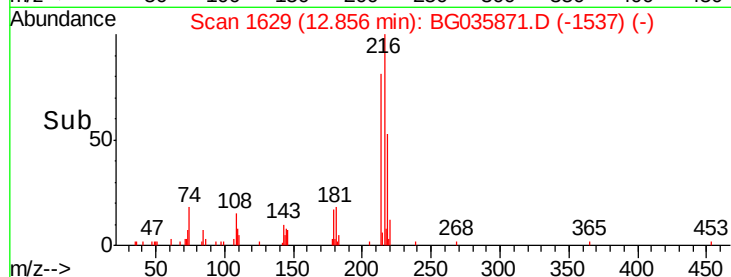
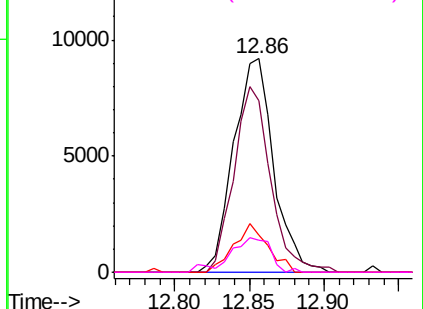


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 2.890 ng

RT: 12.83 min Scan# 1625

Delta R.T. 0.01 min

Lab File: BG035871.D

Acq: 25 Jul 2018 13:15

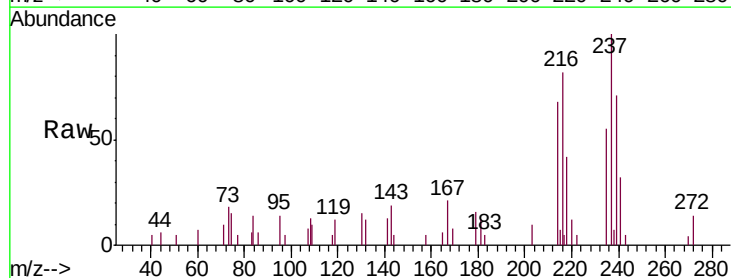
Tgt Ion:237 Resp: 5223

Ion Ratio Lower Upper

237 100

235 55.0 50.4 90.4

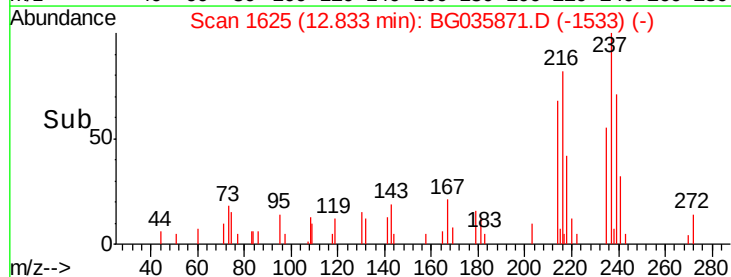
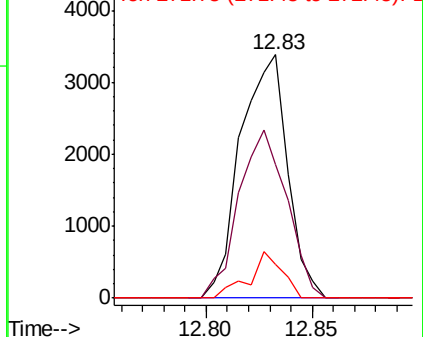
272 14.1 0.0 31.8

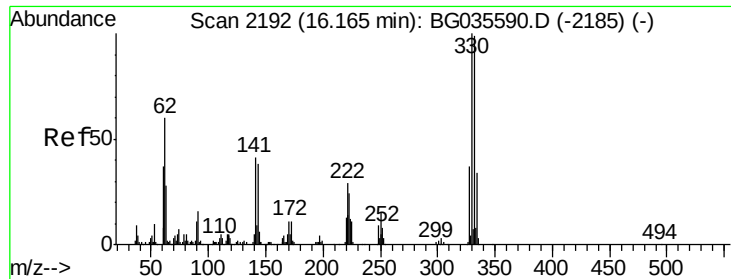


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

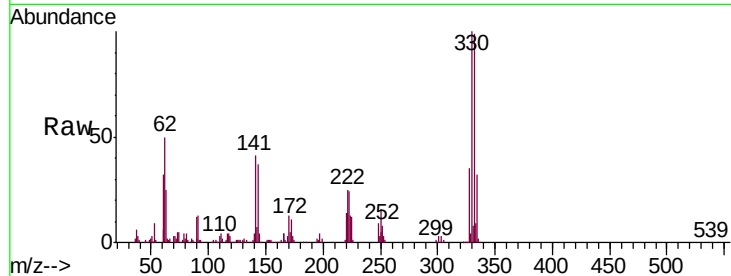




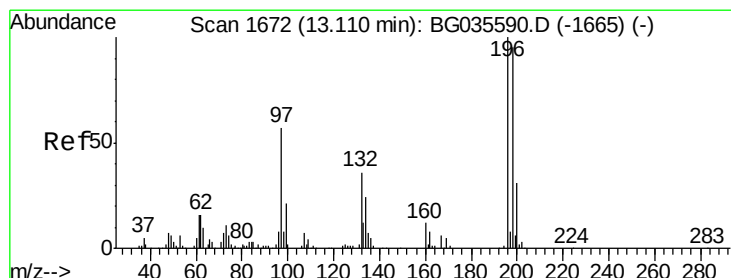
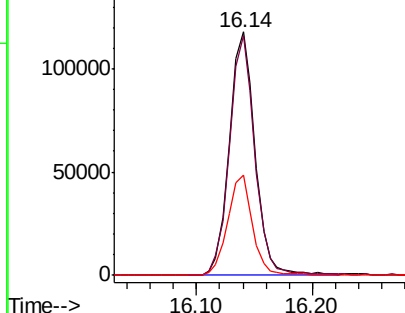
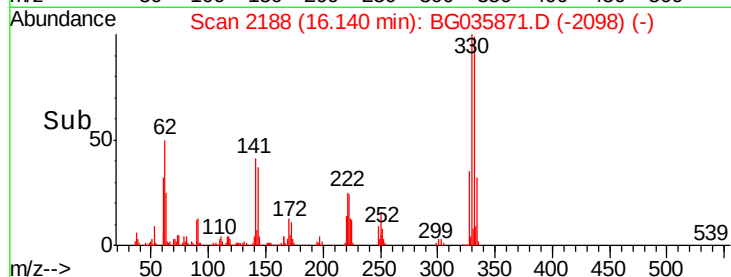
#41
 2,4,6-Tribromophenol
 Concen: 151.404 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: BG035871.D
 Acq: 25 Jul 2018 13:15

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

Tgt Ion:330 Resp: 182184
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 39.7 25.2 37.8#

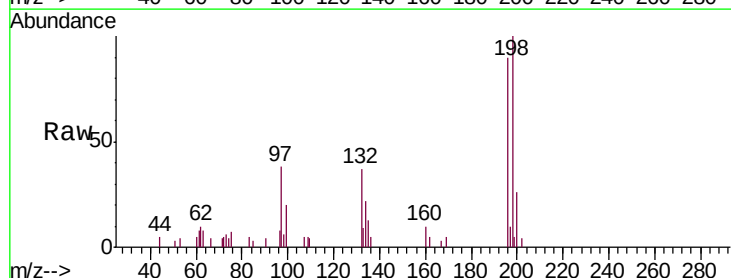


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

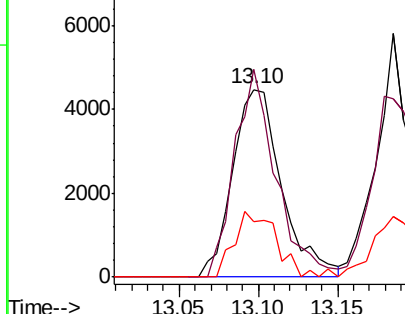
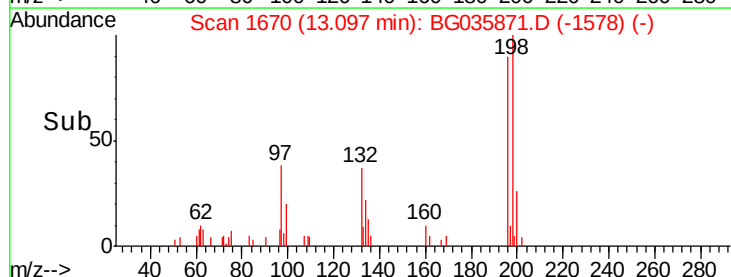


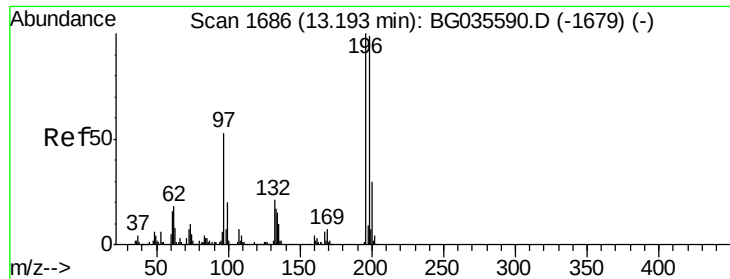
#42
 2,4,6-Trichlorophenol
 Concen: 4.781 ng
 RT: 13.10 min Scan# 1670
 Delta R.T. 0.01 min
 Lab File: BG035871.D
 Acq: 25 Jul 2018 13:15

Tgt Ion:196 Resp: 9635
 Ion Ratio Lower Upper
 196 100
 198 111.1 78.2 117.2
 200 29.2 24.6 36.8



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

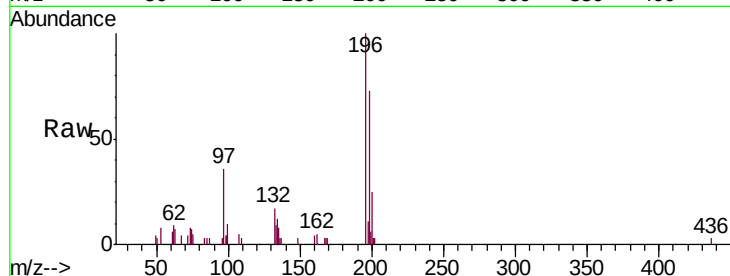




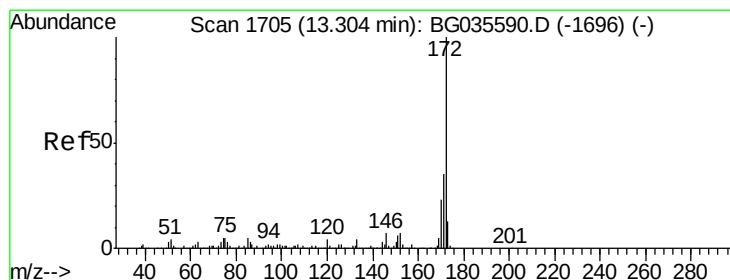
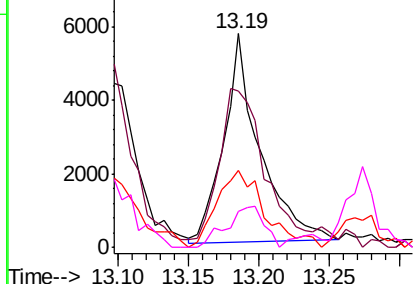
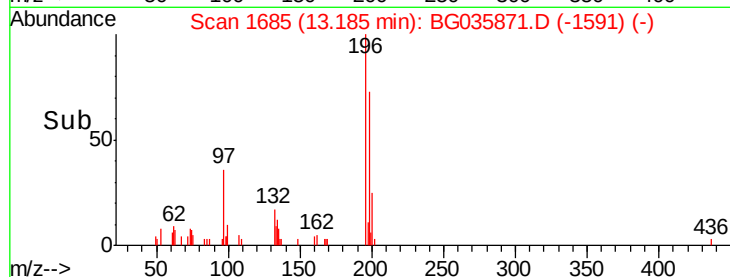
#43
2,4,5-Trichlorophenol
Concen: 4.513 ng
RT: 13.19 min Scan# 1685
Delta R.T. 0.02 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

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

Tgt Ion:196 Resp: 10174
Ion Ratio Lower Upper
196 100
198 73.4 76.2 114.4#
97 35.7 38.7 58.1#
132 16.8 20.2 30.2#

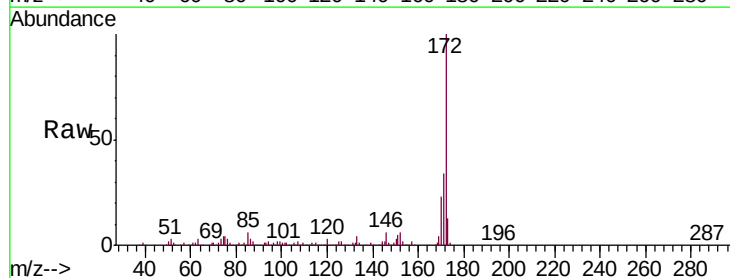


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

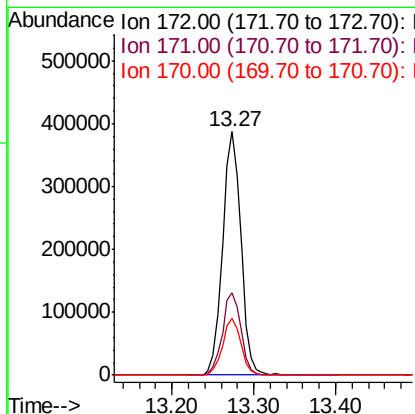
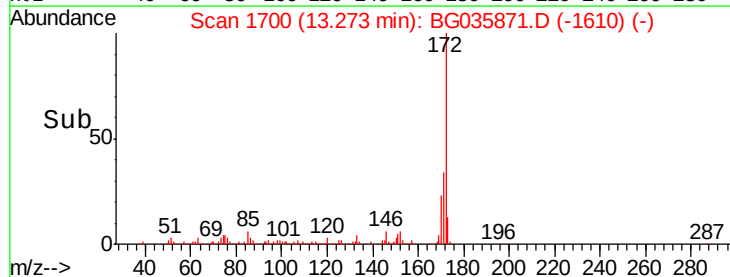


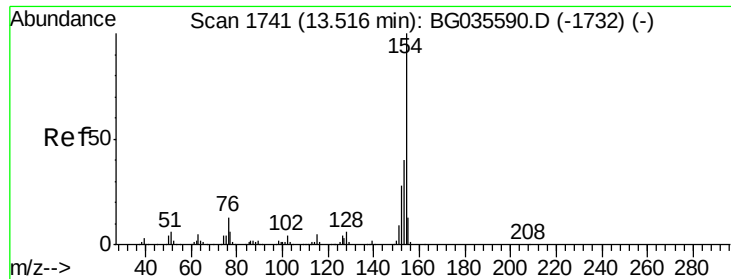
#44
2-Fluorobiphenyl
Concen: 88.549 ng
RT: 13.27 min Scan# 1700
Delta R.T. -0.00 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

Tgt Ion:172 Resp: 603393
Ion Ratio Lower Upper
172 100
171 34.1 30.0 45.0
170 23.1 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

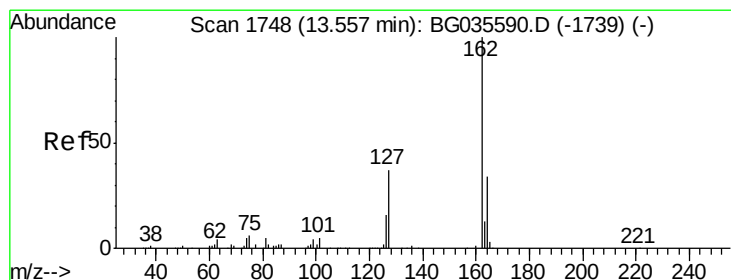
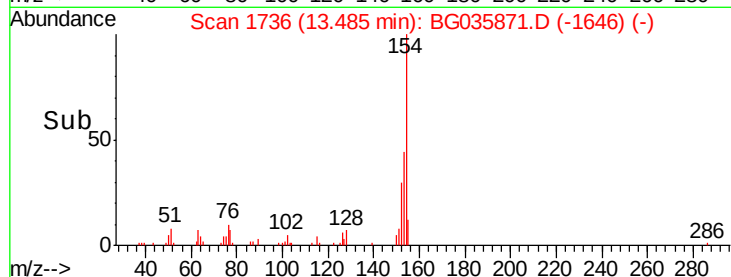
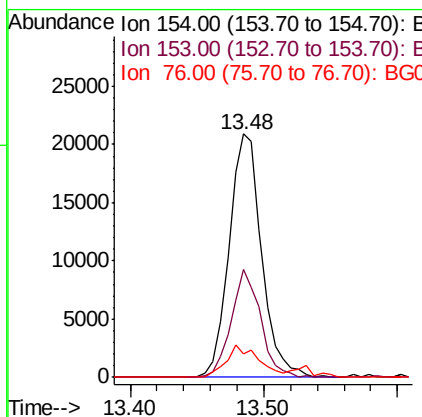
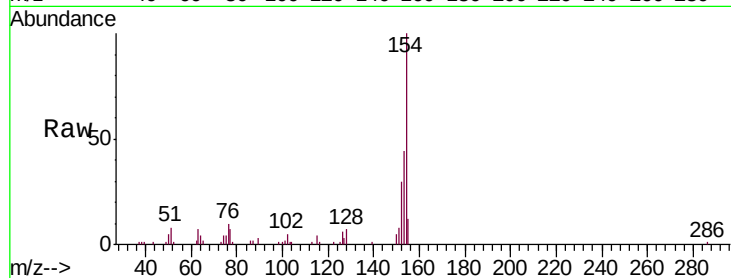




#45
 1,1'-Biphenyl
 Concen: 5.001 ng
 RT: 13.48 min Scan# 1736
 Delta R.T. -0.00 min
 Lab File: BG035871.D
 Acq: 25 Jul 2018 13:15

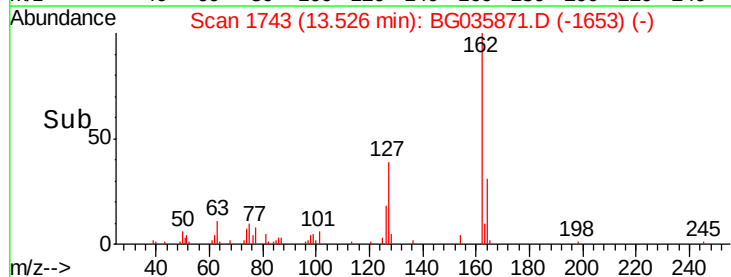
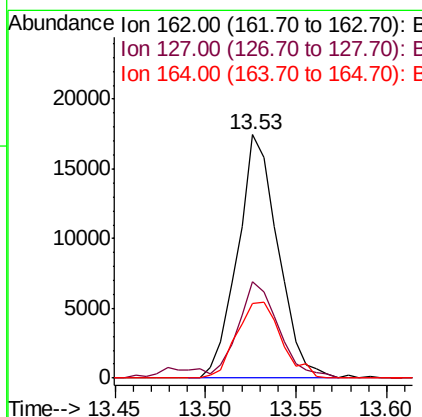
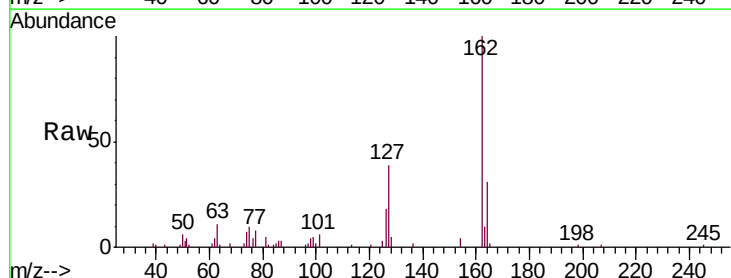
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT3-2018

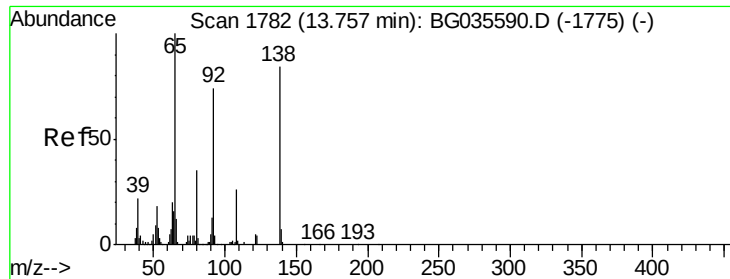
Tgt Ion:154 Resp: 35393
 Ion Ratio Lower Upper
 154 100
 153 44.3 19.8 59.8
 76 9.8 0.0 31.9



#46
 2-Chloronaphthalene
 Concen: 4.901 ng
 RT: 13.53 min Scan# 1743
 Delta R.T. -0.00 min
 Lab File: BG035871.D
 Acq: 25 Jul 2018 13:15

Tgt Ion:162 Resp: 26982
 Ion Ratio Lower Upper
 162 100
 127 39.4 30.7 46.1
 164 30.8 26.0 39.0

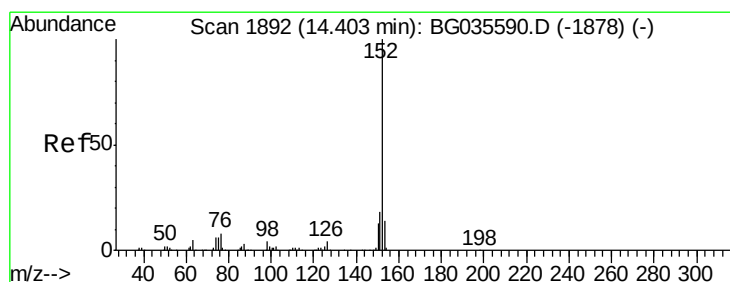
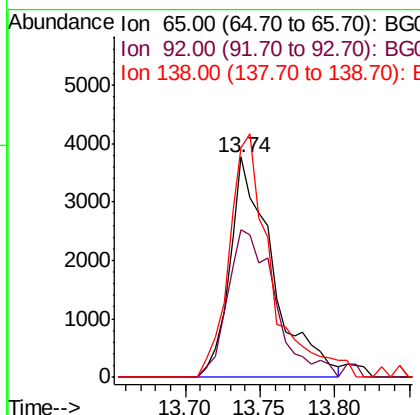
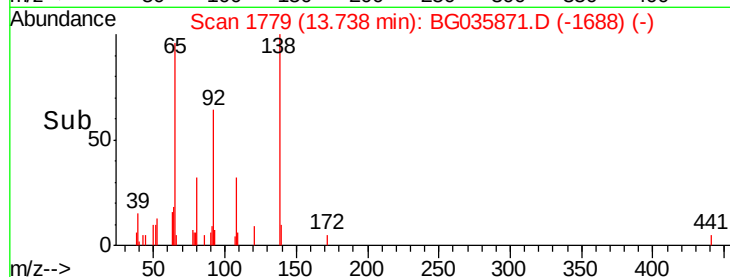
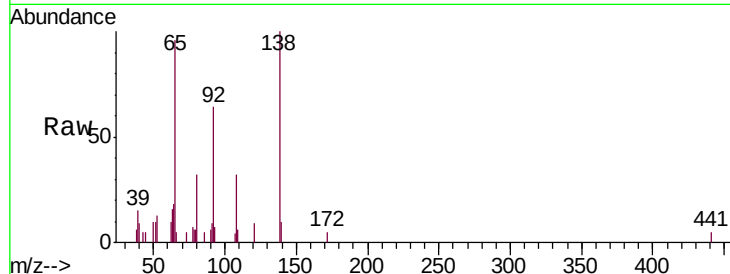




#47
2-Nitroaniline
Concen: 3.880 ng
RT: 13.74 min Scan# 1779
Delta R.T. 0.00 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

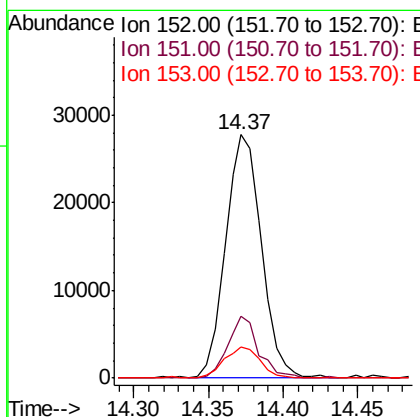
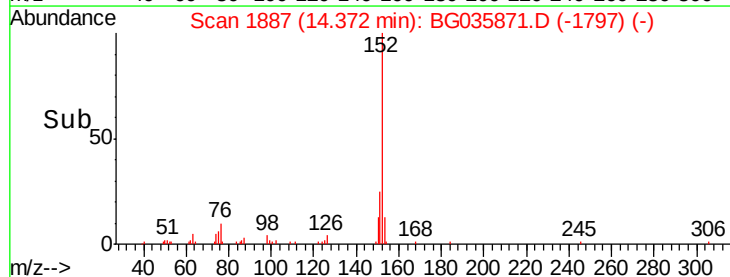
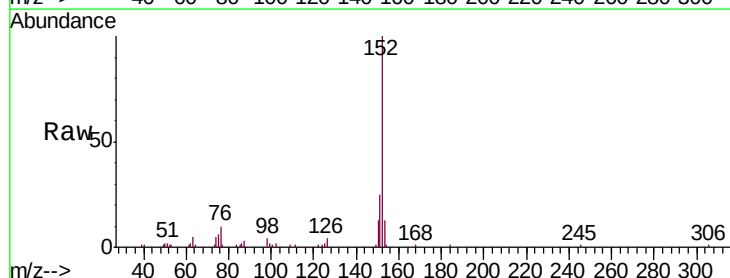
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2018

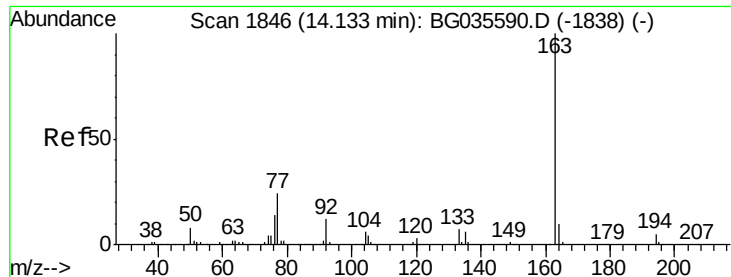
Tgt Ion: 65 Resp: 7552
Ion Ratio Lower Upper
65 100
92 66.8 54.6 82.0
138 104.3 72.9 109.3



#48
Acenaphthylene
Concen: 5.044 ng
RT: 14.37 min Scan# 1887
Delta R.T. -0.00 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

Tgt Ion: 152 Resp: 46513
Ion Ratio Lower Upper
152 100
151 25.3 17.2 25.8
153 13.0 10.2 15.4





#49

Dimethylphthalate

Concen: 4.948 ng

RT: 14.10 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BG035871.D

Acq: 25 Jul 2018 13:15

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2018

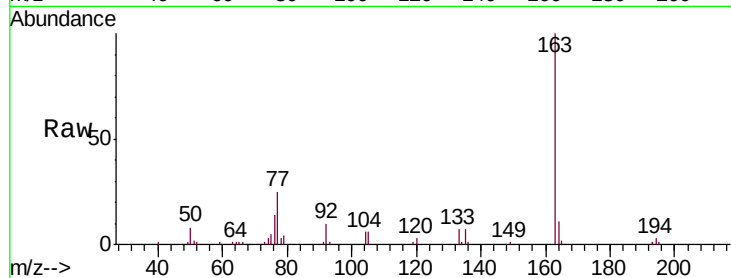
Tgt Ion:163 Resp: 39580

Ion Ratio Lower Upper

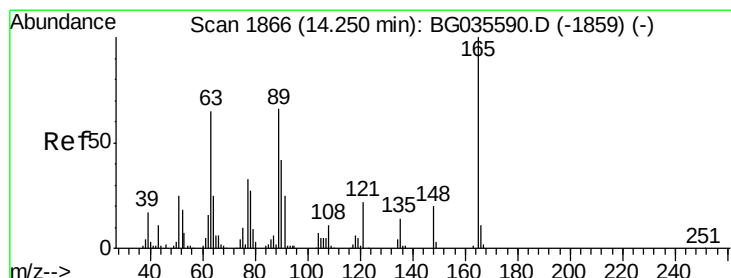
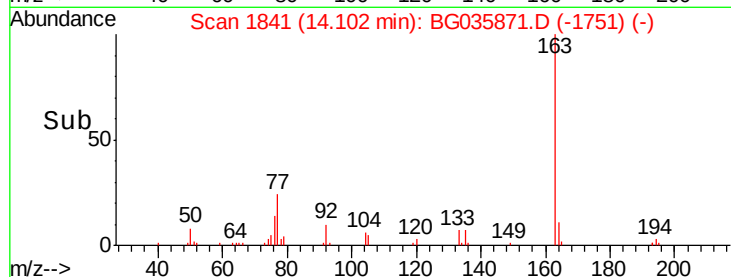
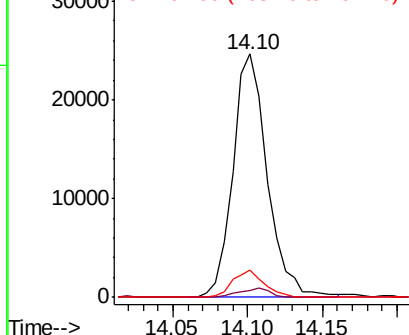
163 100

194 2.9 3.4 5.2#

164 11.4 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 5.281 ng

RT: 14.22 min Scan# 1861

Delta R.T. -0.01 min

Lab File: BG035871.D

Acq: 25 Jul 2018 13:15

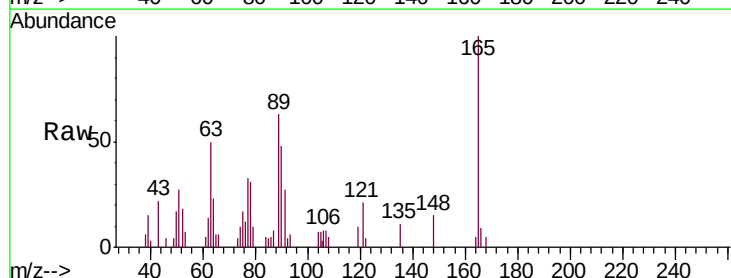
Tgt Ion:165 Resp: 8602

Ion Ratio Lower Upper

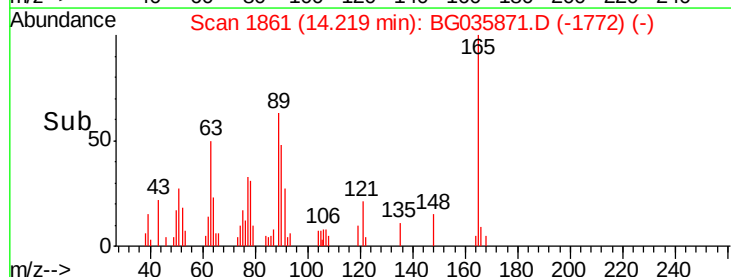
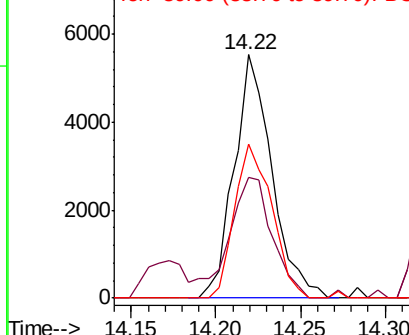
165 100

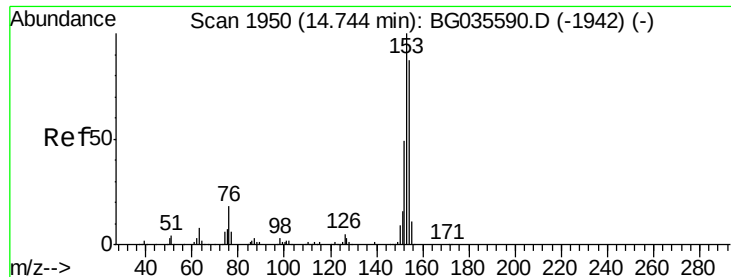
63 49.6 52.7 79.1#

89 63.4 49.2 73.8



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 4.960 ng

RT: 14.71 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG035871.D

Acq: 25 Jul 2018 13:15

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2018

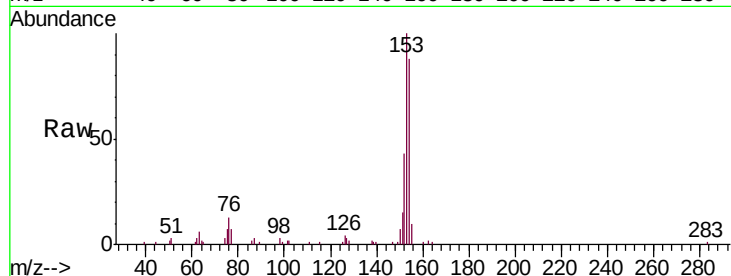
Tgt Ion:154 Resp: 28497

Ion Ratio Lower Upper

154 100

153 113.6 90.4 135.6

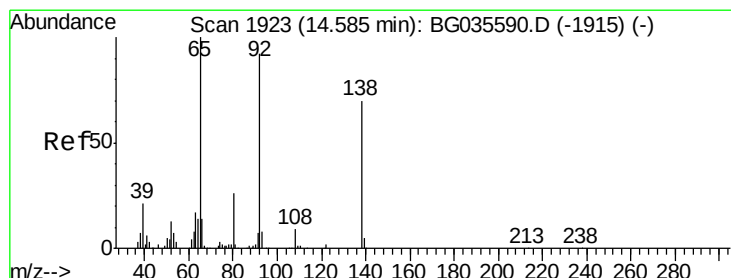
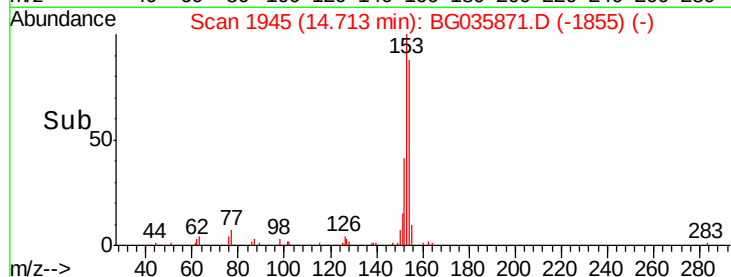
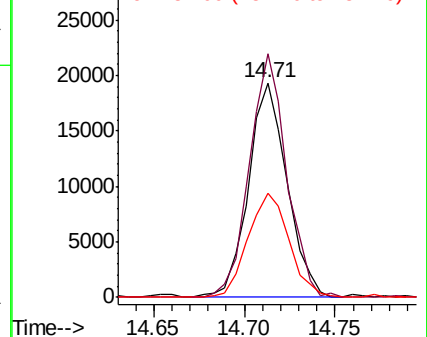
152 48.4 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 3.553 ng

RT: 14.57 min Scan# 1921

Delta R.T. 0.01 min

Lab File: BG035871.D

Acq: 25 Jul 2018 13:15

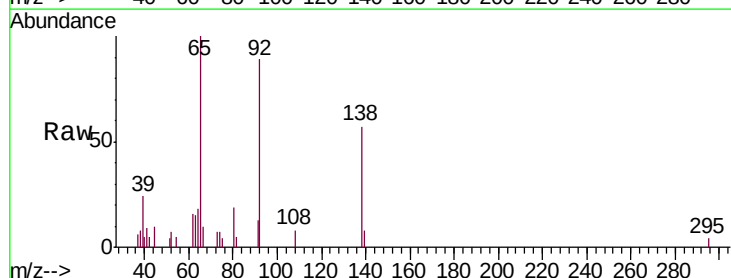
Tgt Ion:138 Resp: 5915

Ion Ratio Lower Upper

138 100

108 14.3 17.5 26.3#

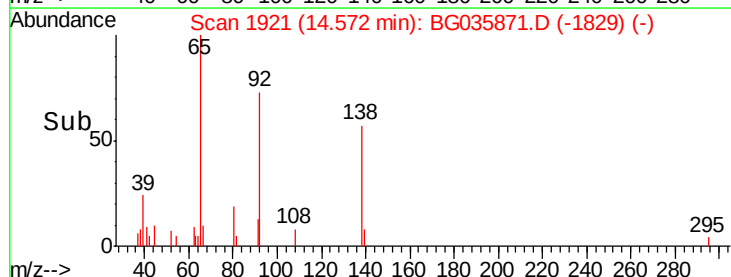
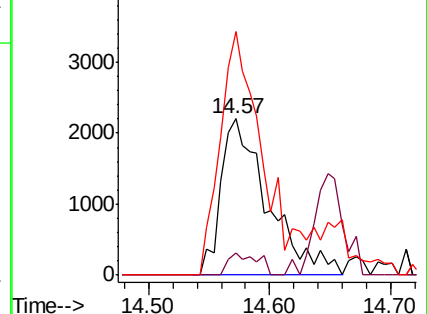
92 155.9 105.8 158.8

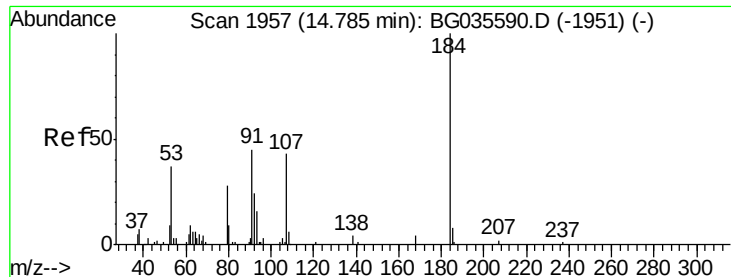


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

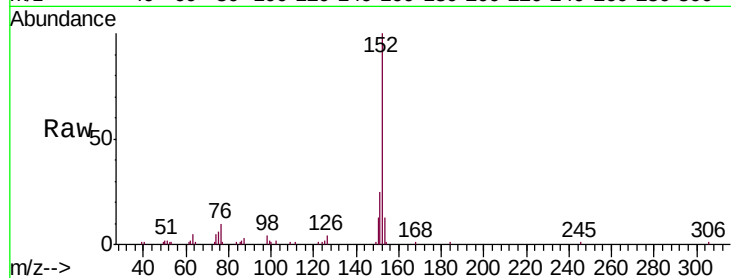




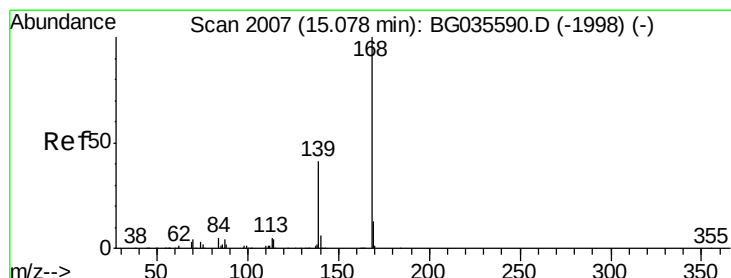
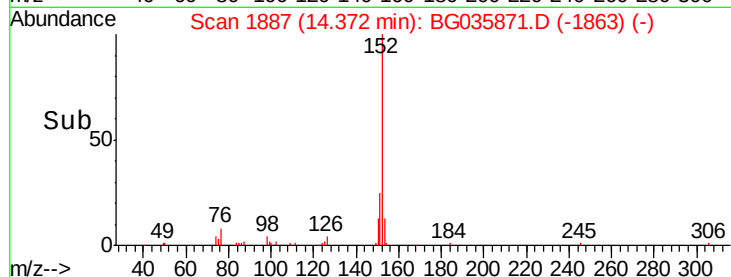
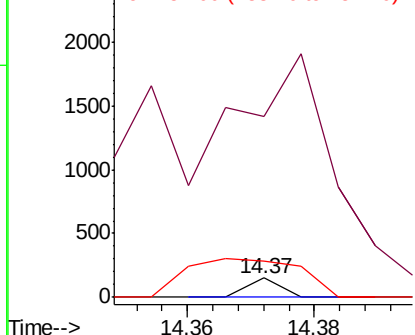
#53
2,4-Dinitrophenol
Concen: 6.641 ng
RT: 14.37 min Scan# 1887
Delta R.T. -0.39 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

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

Tgt Ion:184 Resp: 54
Ion Ratio Lower Upper
184 100
63 935.5 59.8 89.8#
154 184.9 101.8 152.8#

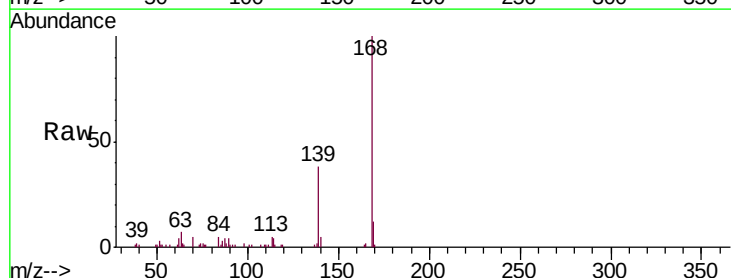


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

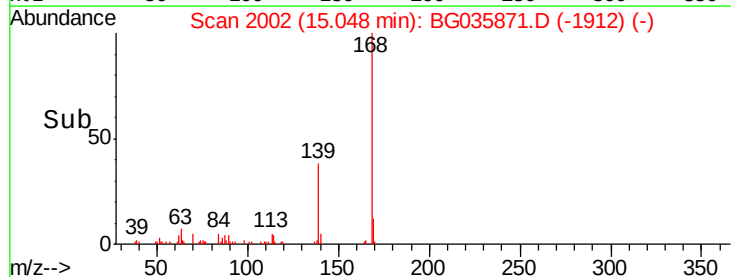
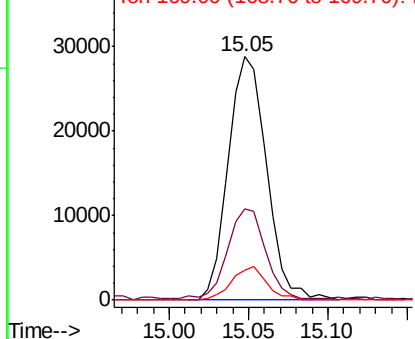


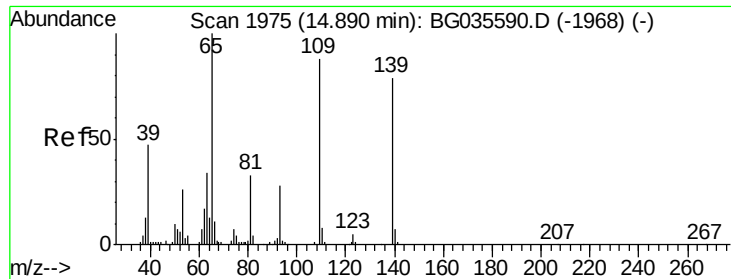
#54
Dibenzofuran
Concen: 5.284 ng
RT: 15.05 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

Tgt Ion:168 Resp: 48281
Ion Ratio Lower Upper
168 100
139 37.6 28.6 43.0
169 12.5 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

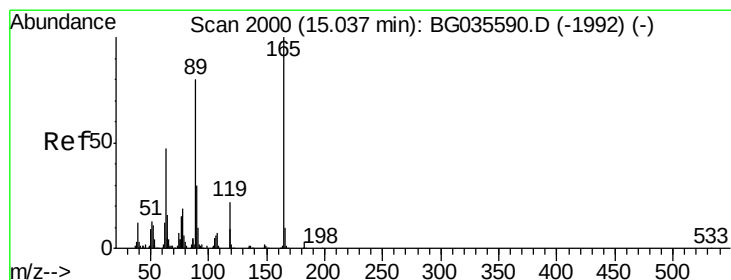
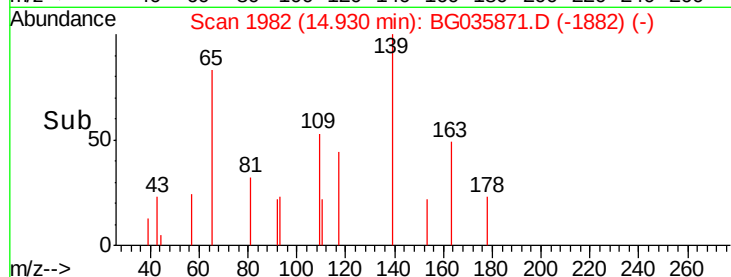
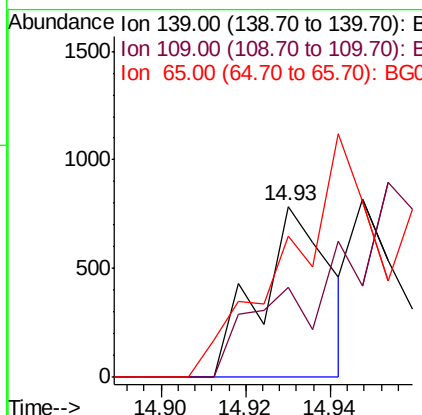
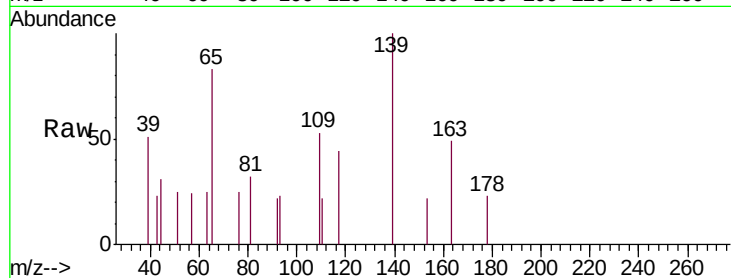




#55
4-Nitrophenol
Concen: 0.757 ng
RT: 14.93 min Scan# 1982
Delta R.T. 0.06 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

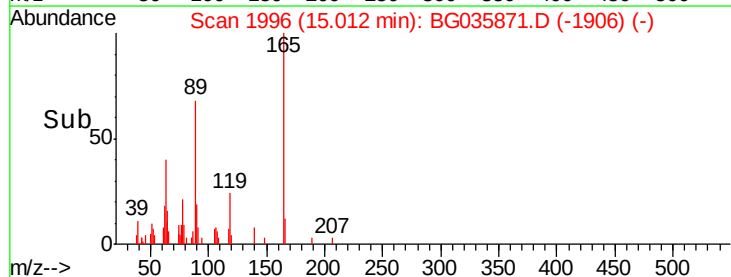
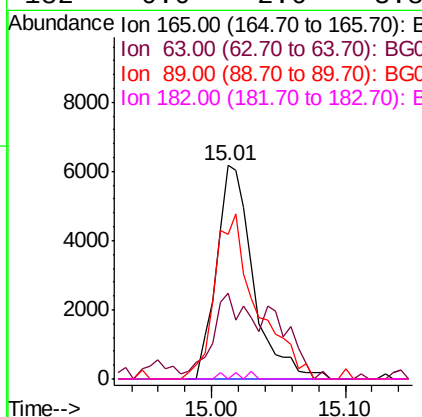
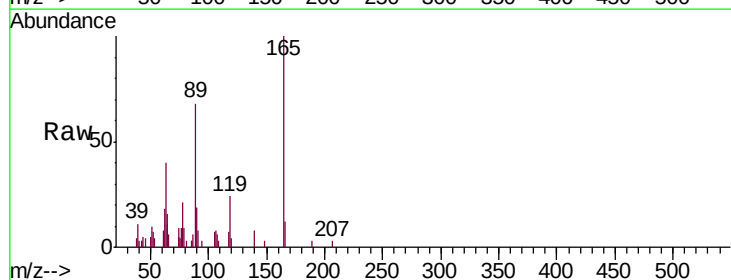
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2018

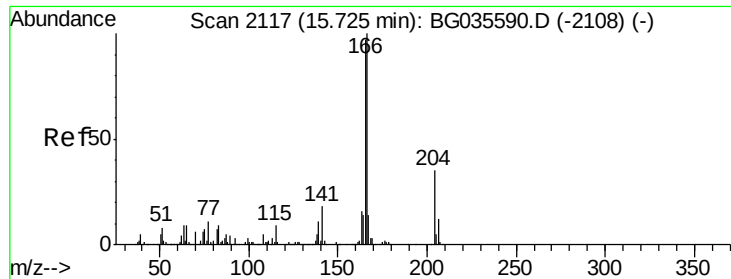
Tgt Ion:139 Resp: 897
Ion Ratio Lower Upper
139 100
109 52.6 62.2 102.2#
65 83.1 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 5.086 ng
RT: 15.01 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

Tgt Ion:165 Resp: 11884
Ion Ratio Lower Upper
165 100
63 40.0 42.0 63.0#
89 67.9 66.9 100.3
182 0.0 2.6 3.8#

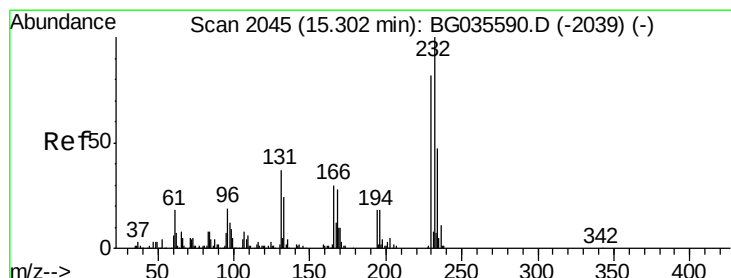
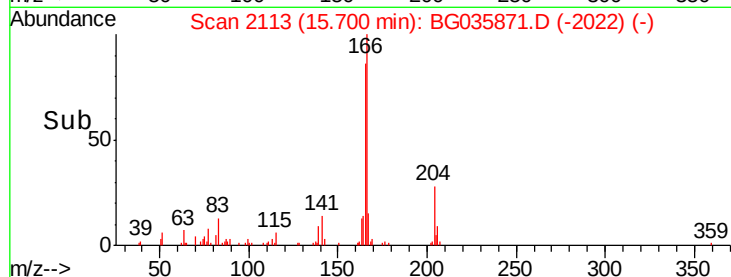
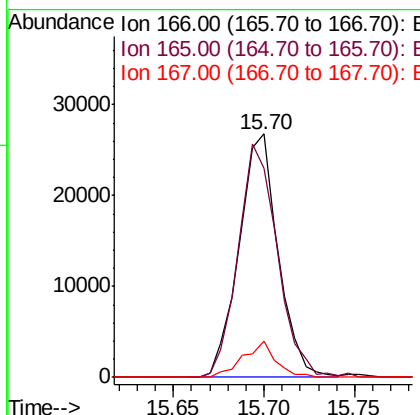
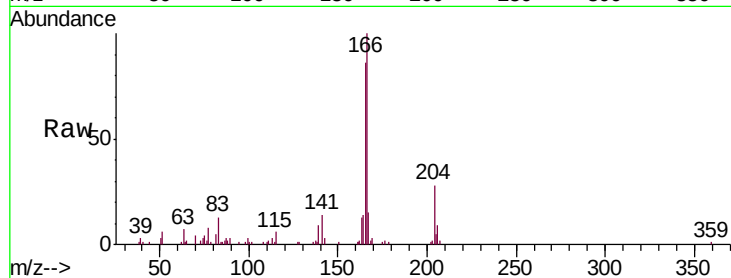




#57
 Fluorene
 Concen: 5.260 ng
 RT: 15.70 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: BG035871.D
 Acq: 25 Jul 2018 13:15

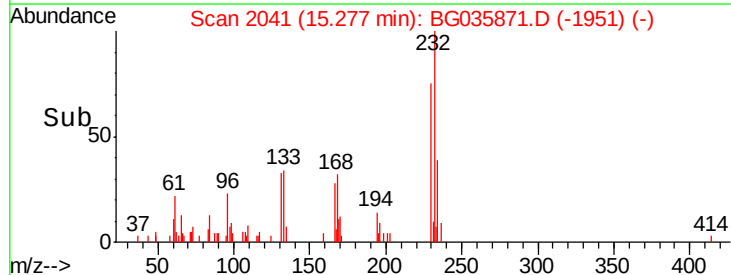
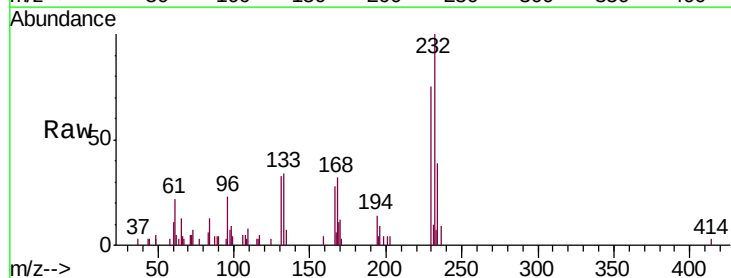
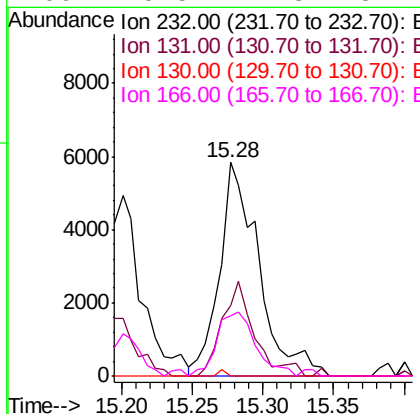
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT3-2018

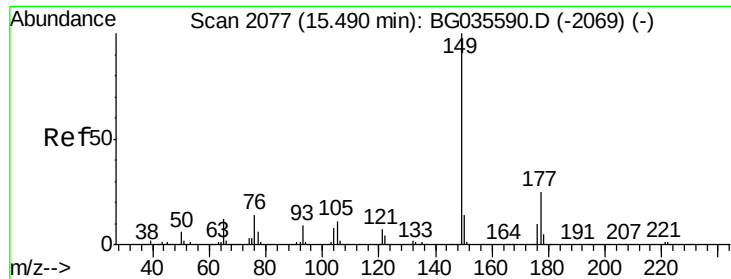
Tgt Ion:166 Resp: 40281
 Ion Ratio Lower Upper
 166 100
 165 85.9 80.6 121.0
 167 14.9 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 5.220 ng
 RT: 15.28 min Scan# 2041
 Delta R.T. -0.00 min
 Lab File: BG035871.D
 Acq: 25 Jul 2018 13:15

Tgt Ion:232 Resp: 11282
 Ion Ratio Lower Upper
 232 100
 131 36.4 33.5 50.3
 130 0.6 2.2 3.2#
 166 29.5 24.8 37.2

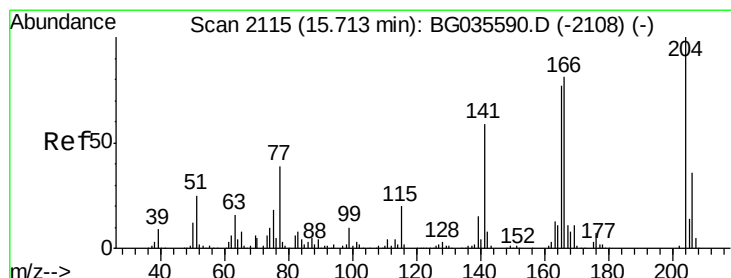
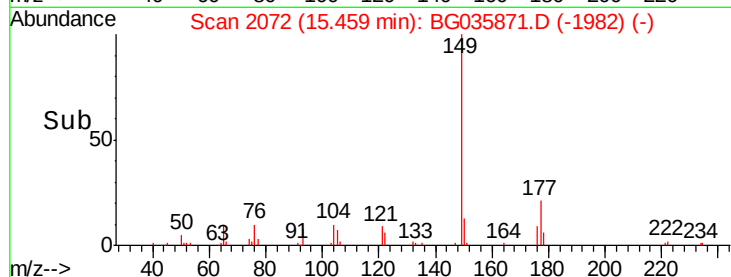
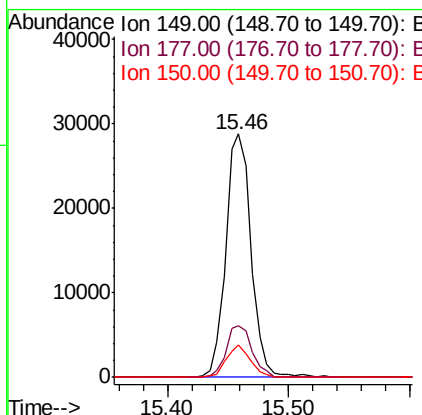
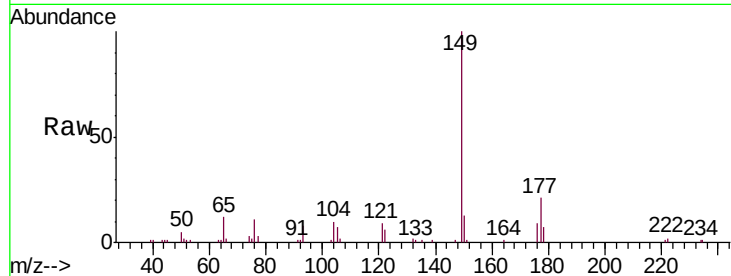




#59
Diethylphthalate
Concen: 5.086 ng
RT: 15.46 min Scan# 2072
Delta R.T. -0.00 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

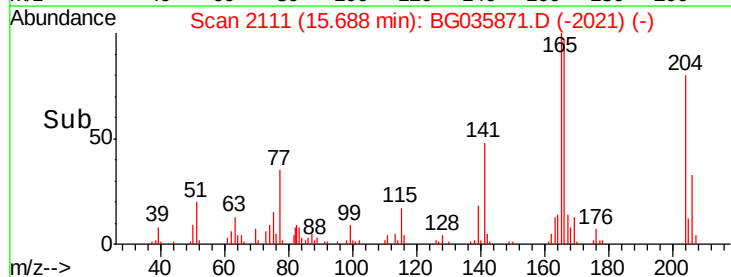
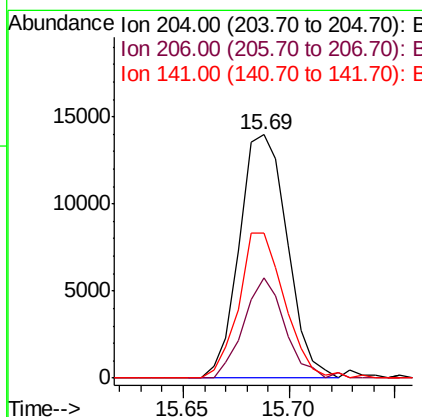
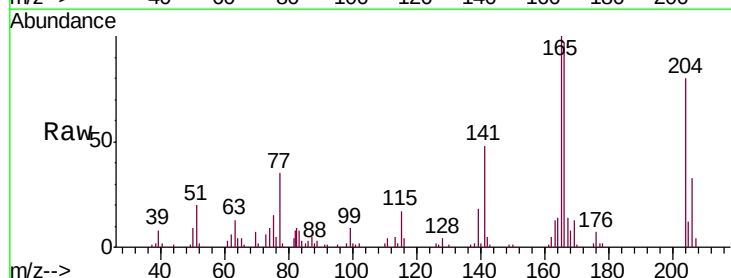
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2018

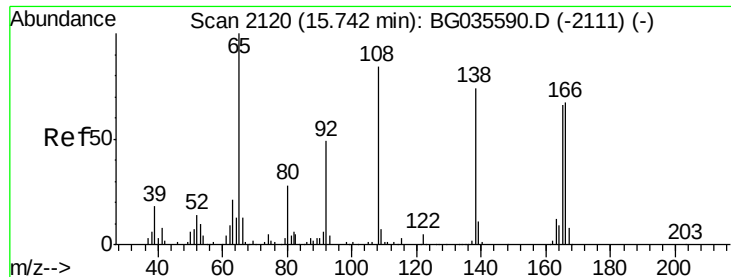
Tgt Ion:149 Resp: 41829
Ion Ratio Lower Upper
149 100
177 21.2 18.5 27.7
150 13.2 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 4.874 ng
RT: 15.69 min Scan# 2111
Delta R.T. -0.00 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

Tgt Ion:204 Resp: 21937
Ion Ratio Lower Upper
204 100
206 41.3 26.2 39.2#
141 59.7 45.8 68.6

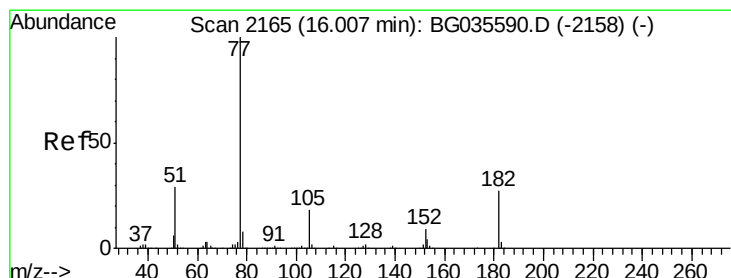
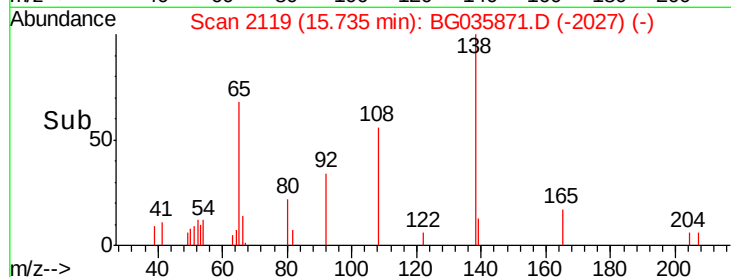
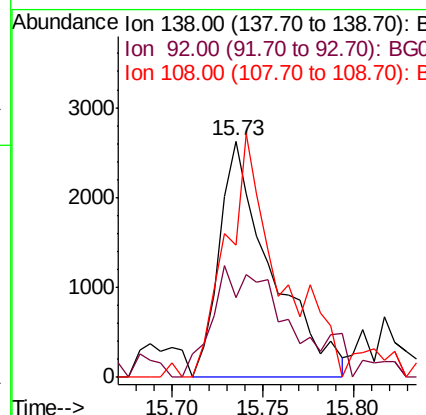
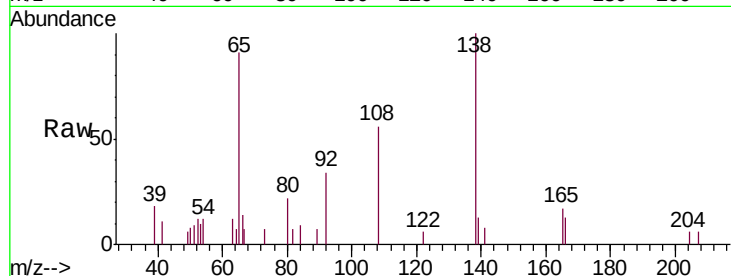




#61
4-Nitroaniline
Concen: 3.006 ng
RT: 15.73 min Scan# 2119
Delta R.T. 0.01 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

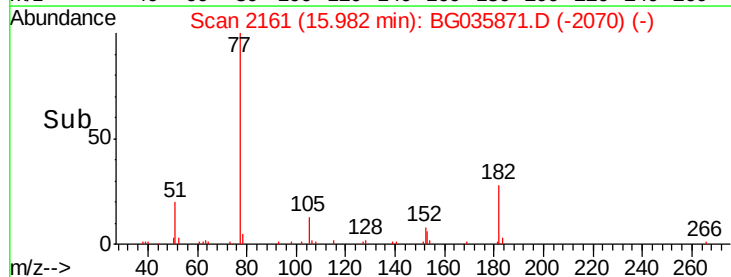
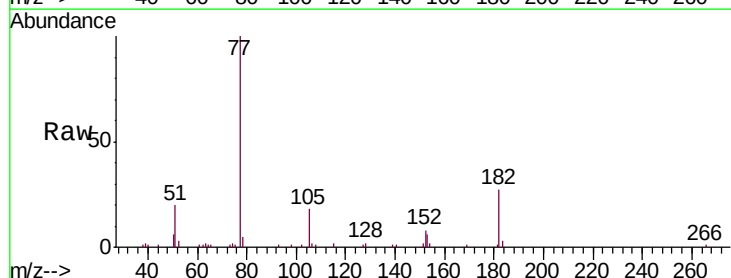
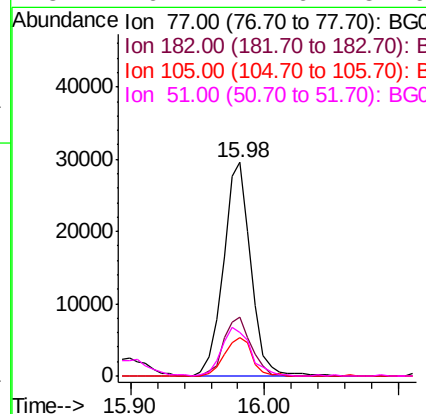
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2018

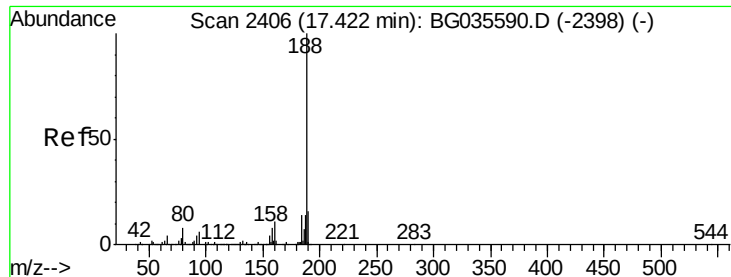
Tgt Ion: 138 Resp: 5235
Ion Ratio Lower Upper
138 100
92 33.7 40.1 80.1#
108 56.0 65.4 105.4#



#62
Azobenzene
Concen: 5.245 ng
RT: 15.98 min Scan# 2161
Delta R.T. 0.00 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

Tgt Ion: 77 Resp: 42553
Ion Ratio Lower Upper
77 100
182 27.3 7.4 47.4
105 17.8 0.3 40.3
51 20.4 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG035871.D

Acq: 25 Jul 2018 13:15

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2018

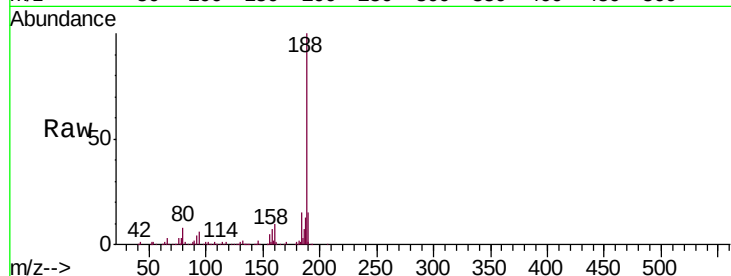
Tgt Ion:188 Resp: 280909

Ion Ratio Lower Upper

188 100

94 6.1 6.9 10.3#

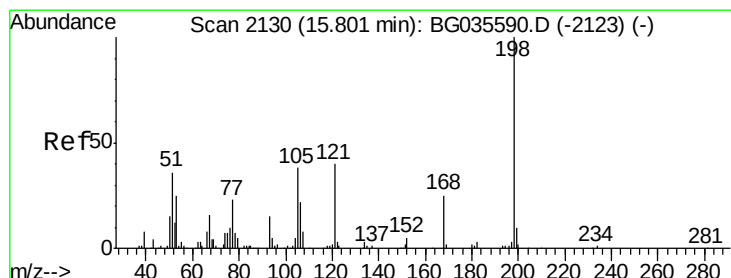
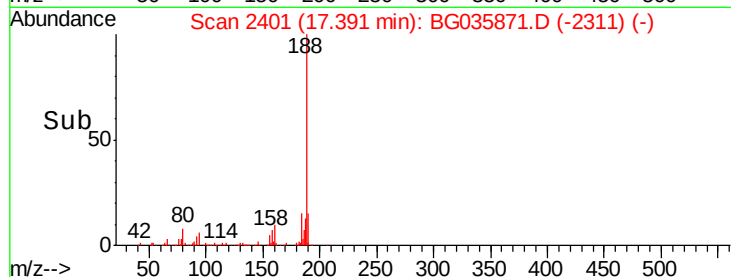
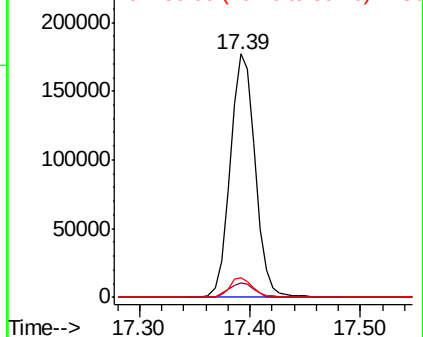
80 8.1 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#64

4,6-Dinitro-2-methylphenol

Concen: 2.143 ng

RT: 15.79 min Scan# 2128

Delta R.T. 0.01 min

Lab File: BG035871.D

Acq: 25 Jul 2018 13:15

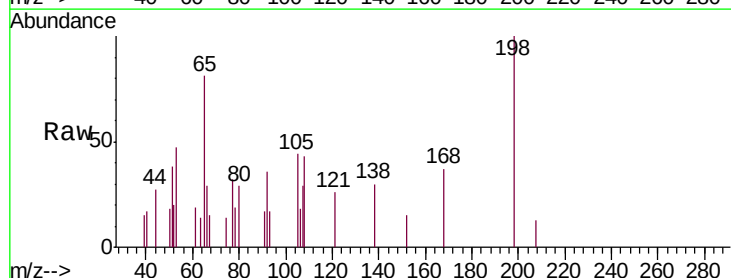
Tgt Ion:198 Resp: 3351

Ion Ratio Lower Upper

198 100

51 38.1 30.6 70.6

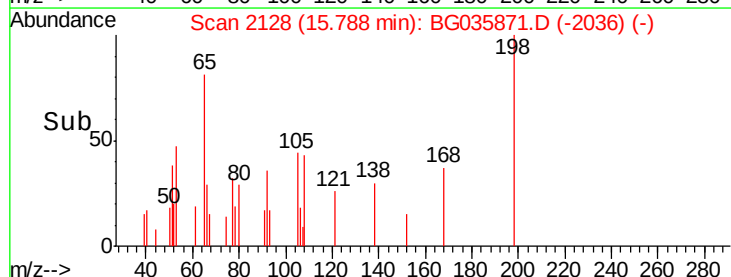
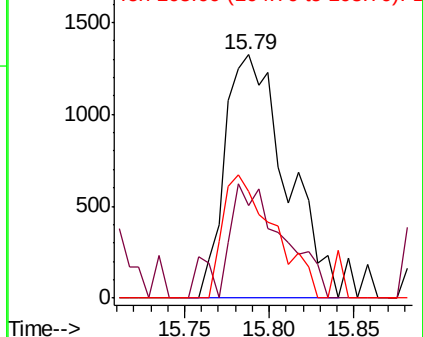
105 43.7 23.8 63.8

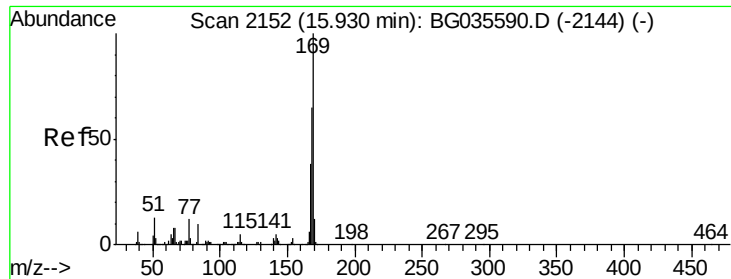


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

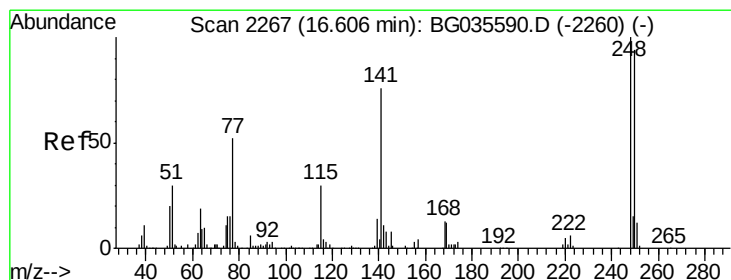
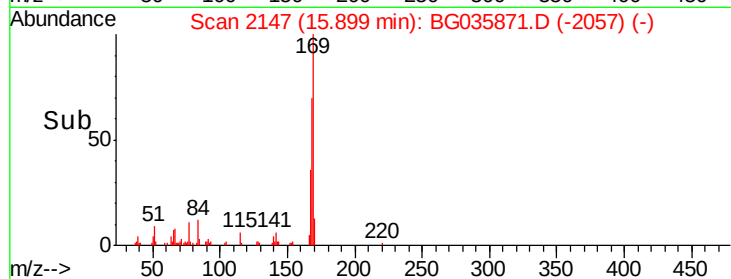
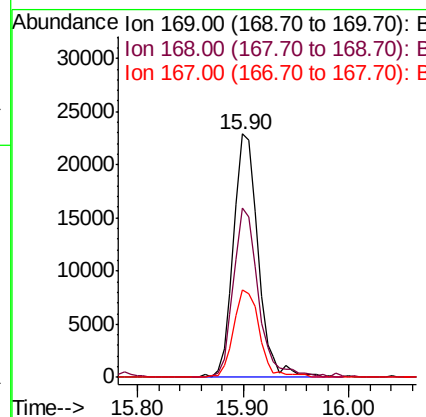
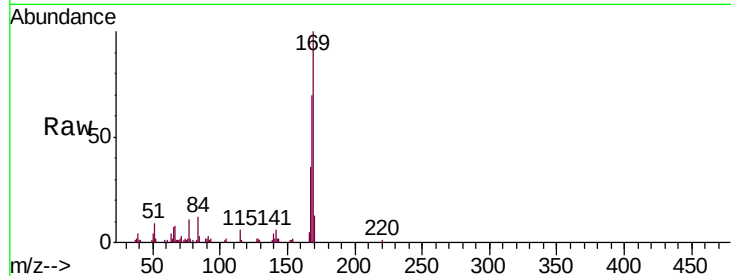




#65
 n-Nitrosodiphenylamine
 Concen: 4.608 ng
 RT: 15.90 min Scan# 2147
 Delta R.T. -0.00 min
 Lab File: BG035871.D
 Acq: 25 Jul 2018 13:15

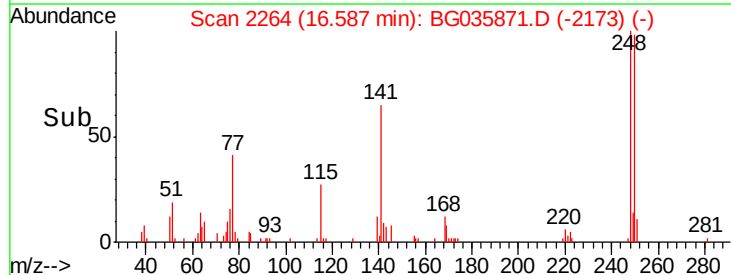
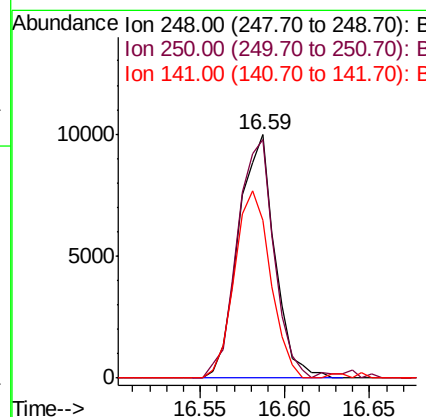
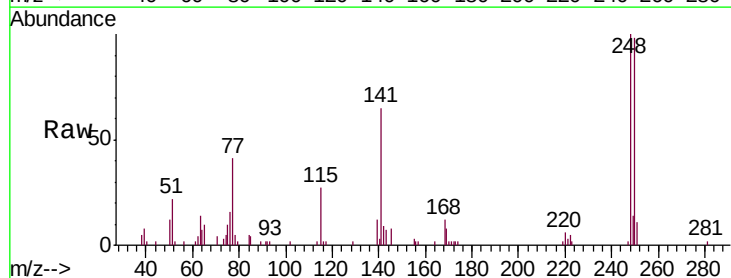
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT3-2018

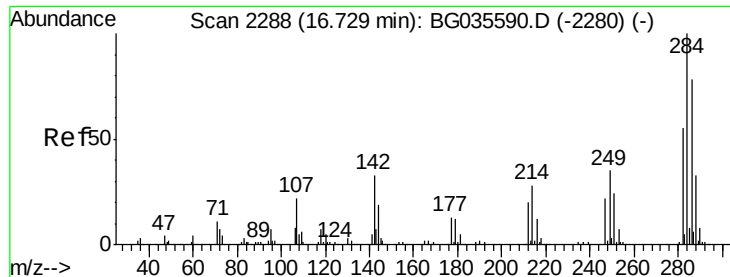
Tgt Ion:169 Resp: 36845
 Ion Ratio Lower Upper
 169 100
 168 69.8 55.7 83.5
 167 35.8 30.1 45.1



#66
 4-Bromophenyl-phenylether
 Concen: 4.582 ng
 RT: 16.59 min Scan# 2264
 Delta R.T. 0.00 min
 Lab File: BG035871.D
 Acq: 25 Jul 2018 13:15

Tgt Ion:248 Resp: 14933
 Ion Ratio Lower Upper
 248 100
 250 98.0 77.1 115.7
 141 65.0 50.8 76.2





#67

Hexachlorobenzene

Concen: 4.816 ng

RT: 16.70 min Scan# 2284

Delta R.T. 0.00 min

Lab File: BG035871.D

Acq: 25 Jul 2018 13:15

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2018

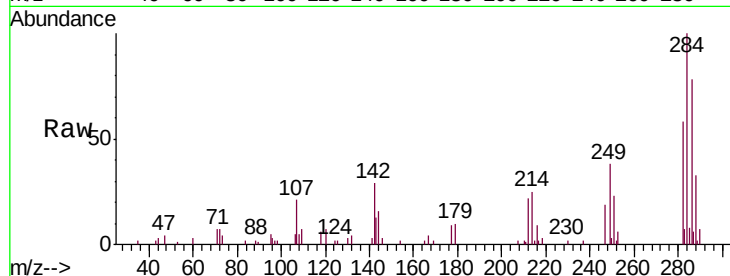
Tgt Ion:284 Resp: 16165

Ion Ratio Lower Upper

284 100

142 28.8 26.8 40.2

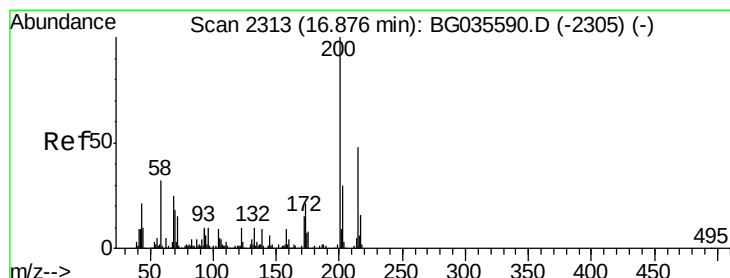
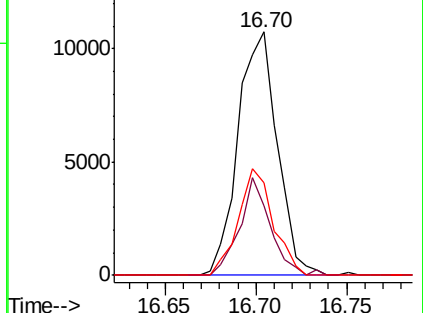
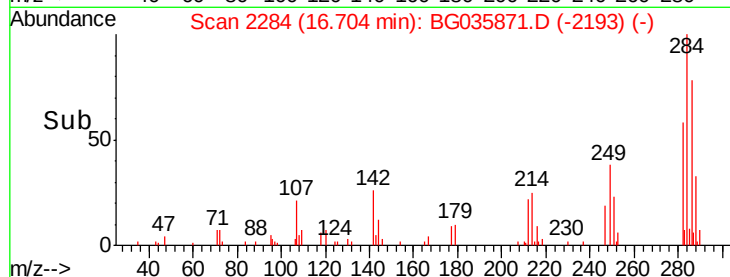
249 37.8 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 4.930 ng

RT: 16.85 min Scan# 2308

Delta R.T. -0.00 min

Lab File: BG035871.D

Acq: 25 Jul 2018 13:15

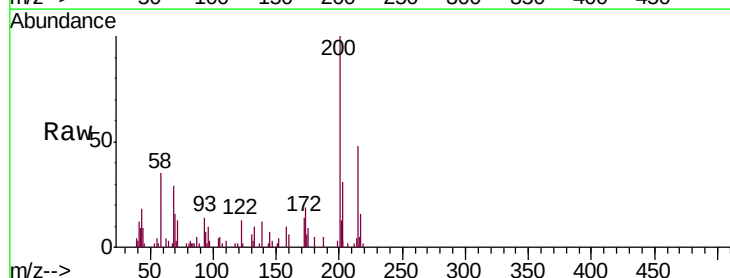
Tgt Ion:200 Resp: 16230

Ion Ratio Lower Upper

200 100

173 19.2 5.2 45.2

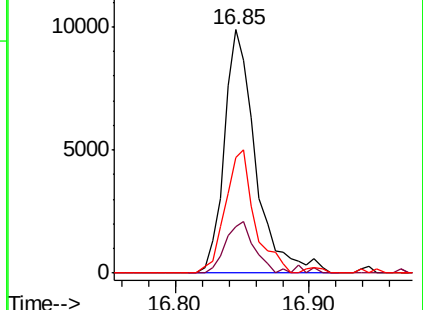
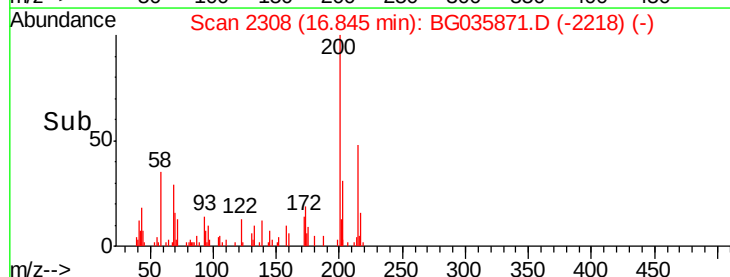
215 47.7 30.4 70.4

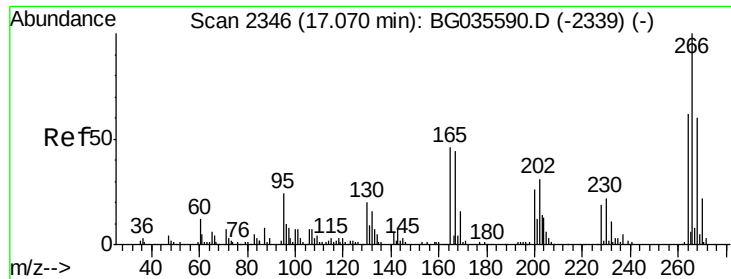


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 0.868 ng

RT: 17.07 min Scan# 2346

Delta R.T. 0.02 min

Lab File: BG035871.D

Acq: 25 Jul 2018 13:15

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2018

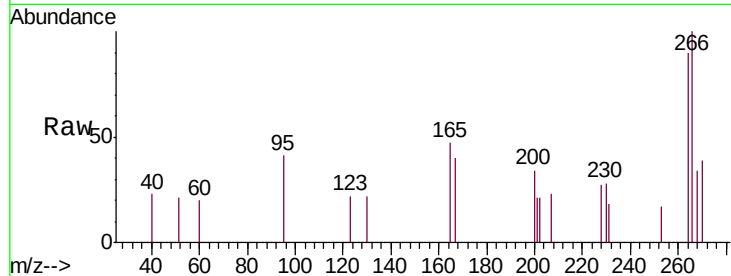
Tgt Ion:266 Resp: 1774

Ion Ratio Lower Upper

266 100

268 33.7 51.1 76.7#

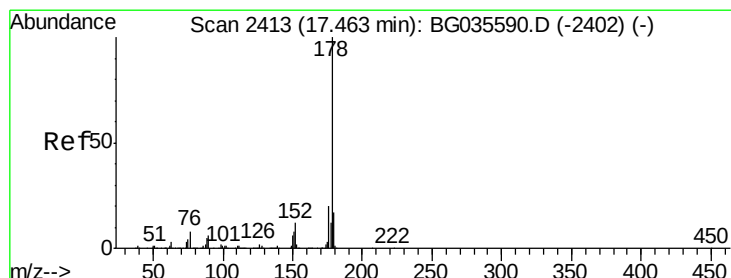
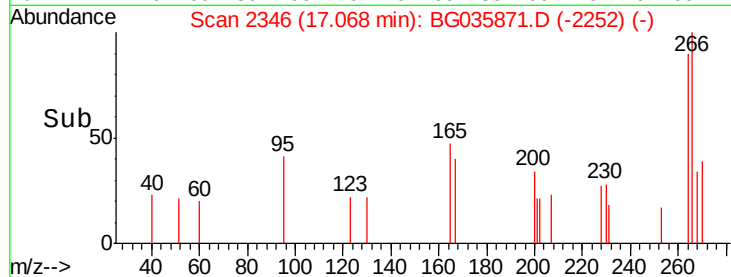
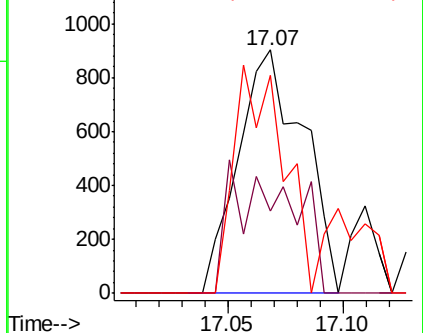
264 89.6 49.6 74.4#



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 5.112 ng

RT: 17.44 min Scan# 2409

Delta R.T. -0.00 min

Lab File: BG035871.D

Acq: 25 Jul 2018 13:15

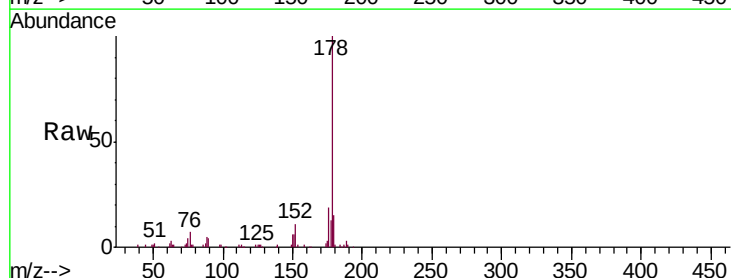
Tgt Ion:178 Resp: 71657

Ion Ratio Lower Upper

178 100

176 19.4 15.7 23.5

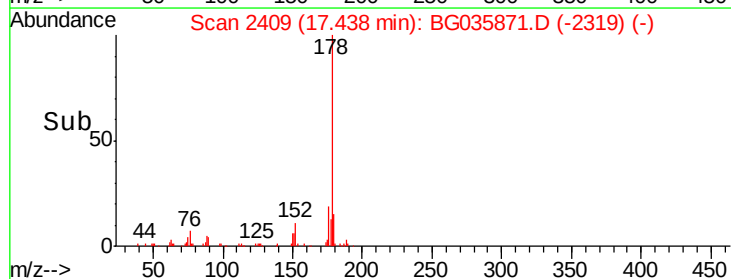
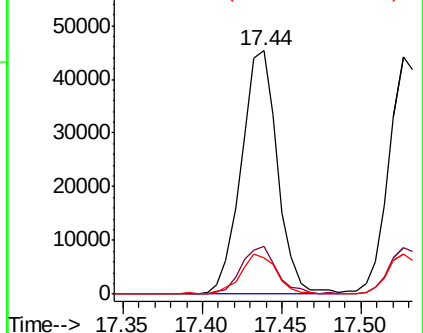
179 14.9 12.5 18.7

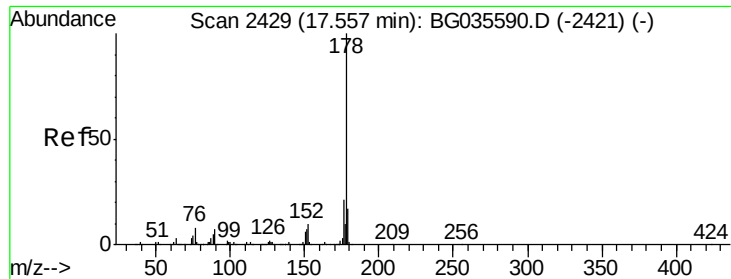


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

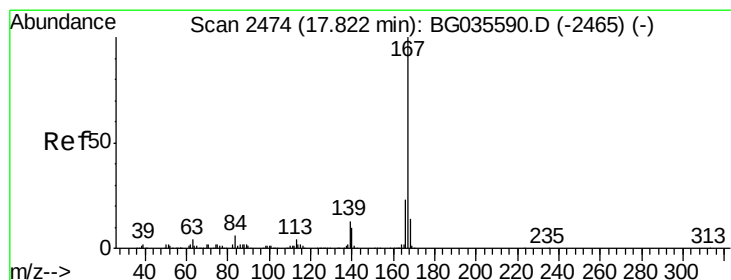
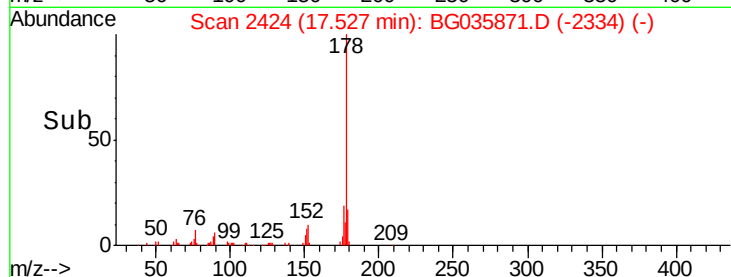
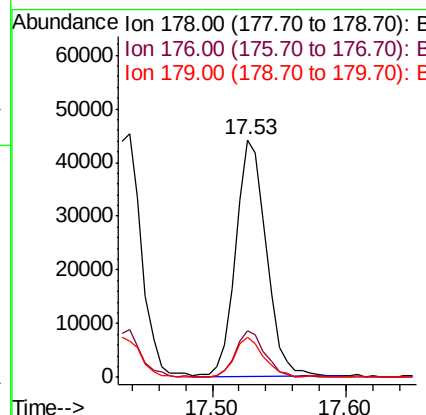
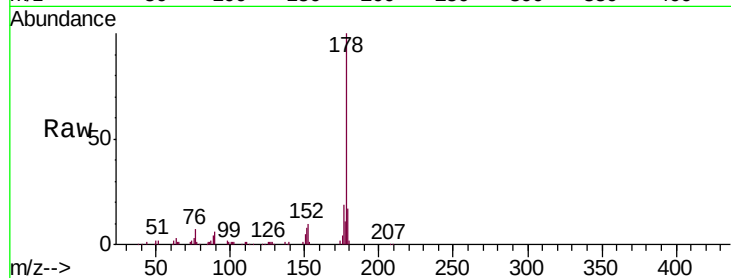




#71
 Anthracene
 Concen: 5.024 ng
 RT: 17.53 min Scan# 2424
 Delta R.T. -0.00 min
 Lab File: BG035871.D
 Acq: 25 Jul 2018 13:15

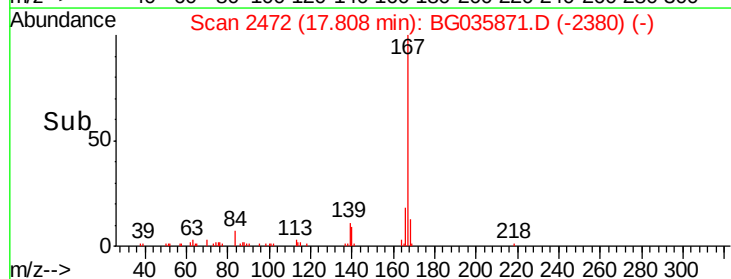
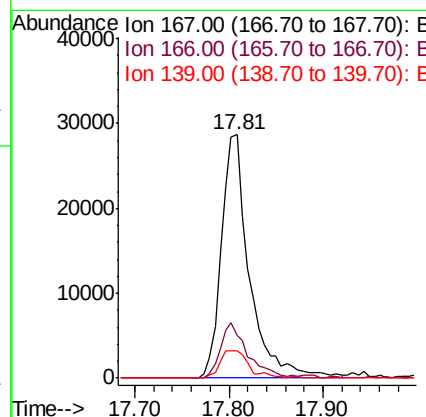
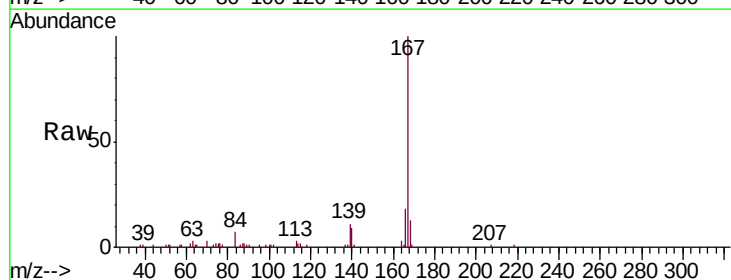
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT3-2018

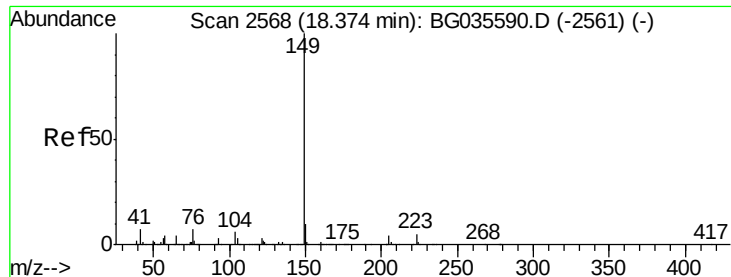
Tgt Ion:178 Resp: 70121
 Ion Ratio Lower Upper
 178 100
 176 19.4 16.0 24.0
 179 16.8 12.5 18.7



#72
 Carbazole
 Concen: 4.506 ng
 RT: 17.81 min Scan# 2472
 Delta R.T. 0.01 min
 Lab File: BG035871.D
 Acq: 25 Jul 2018 13:15

Tgt Ion:167 Resp: 59722
 Ion Ratio Lower Upper
 167 100
 166 17.7 18.2 27.4#
 139 11.0 9.4 14.2





#73

Di-n-butylphthalate

Concen: 4.631 ng

RT: 18.35 min Scan# 2564

Delta R.T. -0.00 min

Lab File: BG035871.D

Acq: 25 Jul 2018 13:15

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2018

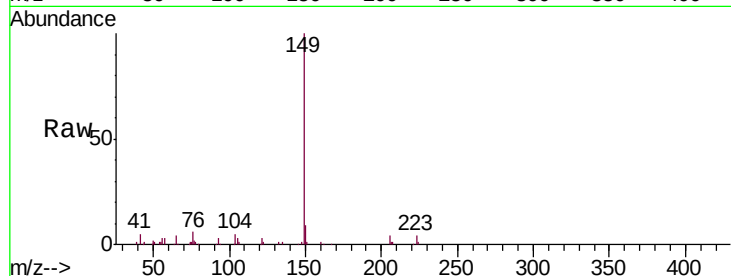
Tgt Ion:149 Resp: 72531

Ion Ratio Lower Upper

149 100

150 8.8 7.8 11.6

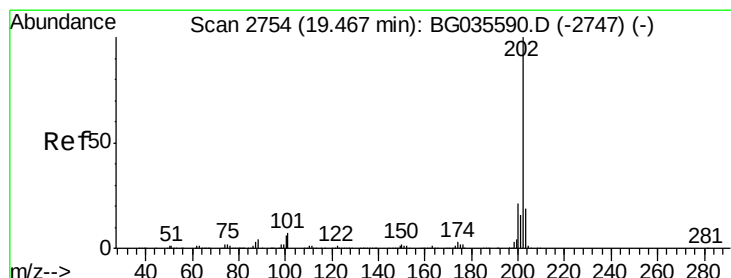
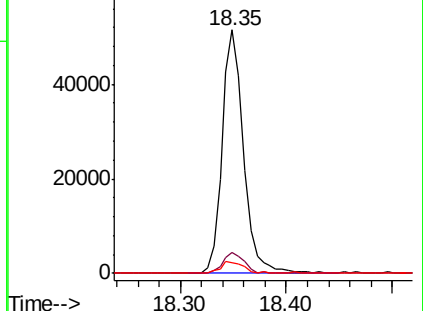
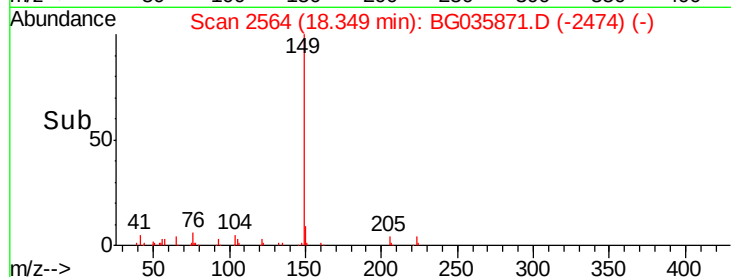
104 4.6 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 5.019 ng

RT: 19.44 min Scan# 2750

Delta R.T. -0.00 min

Lab File: BG035871.D

Acq: 25 Jul 2018 13:15

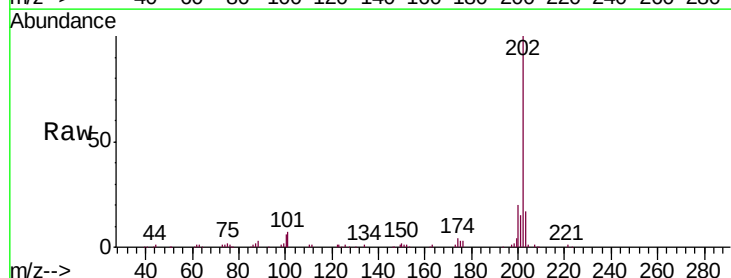
Tgt Ion:202 Resp: 94761

Ion Ratio Lower Upper

202 100

101 7.1 0.0 28.9

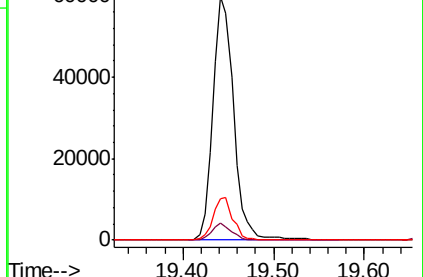
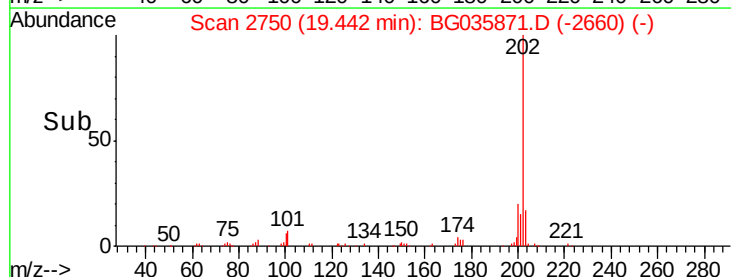
203 16.8 0.0 37.5

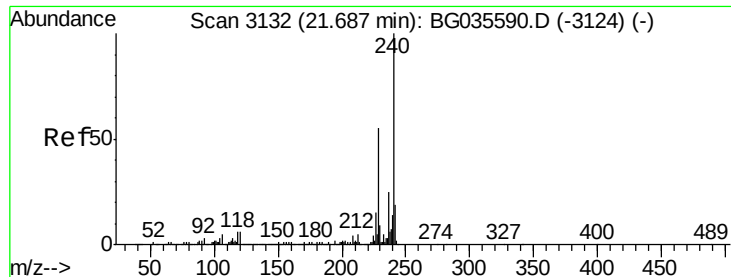


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BG035871.D

Acq: 25 Jul 2018 13:15

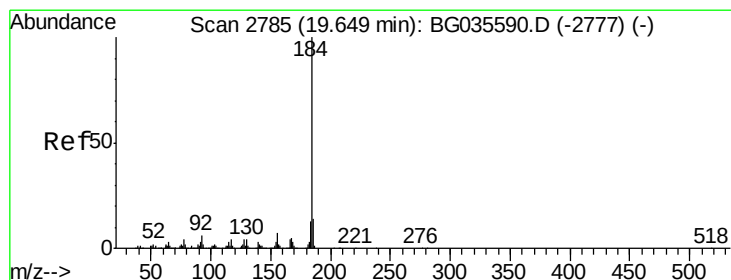
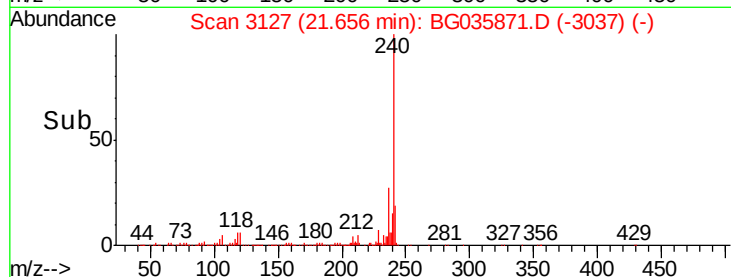
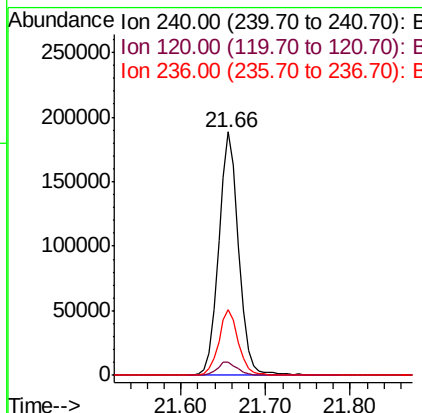
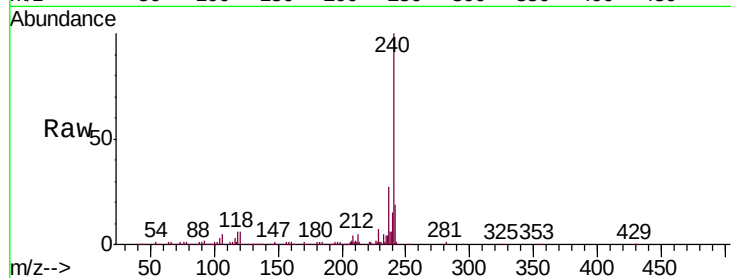
Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2018

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.6	6.8	10.2#
236	26.9	20.9	31.3



#76

Benzidine

Concen: 1.663 ng

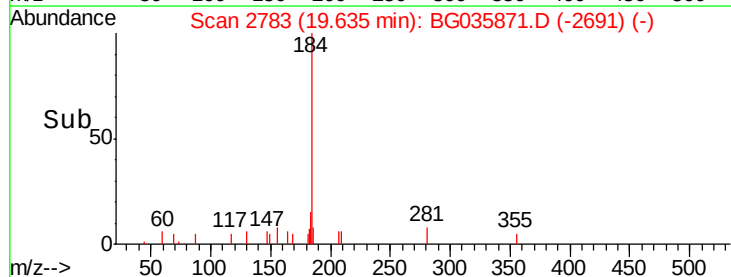
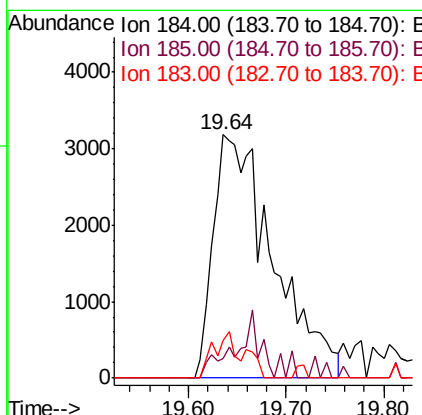
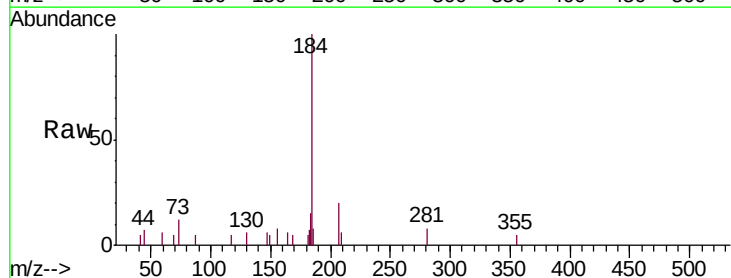
RT: 19.64 min Scan# 2783

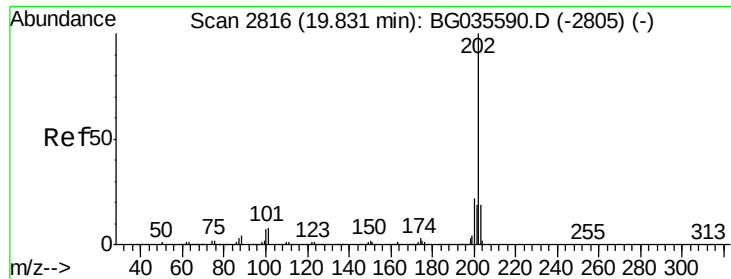
Delta R.T. 0.01 min

Lab File: BG035871.D

Acq: 25 Jul 2018 13:15

Tgt Ion	Ratio	Lower	Upper
184	100		
185	8.0	11.1	16.7#
183	15.3	10.6	16.0

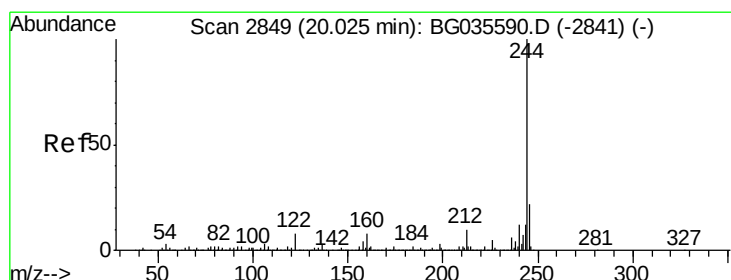
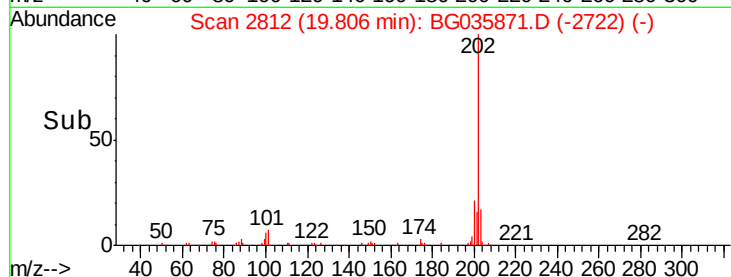
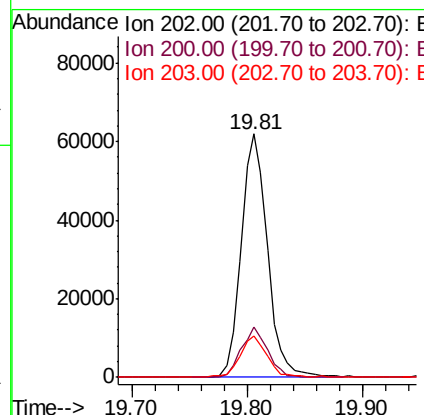
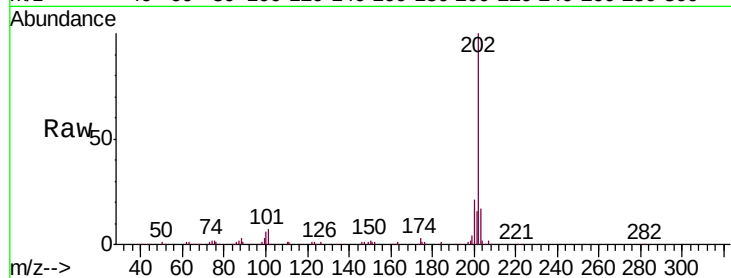




#77
 Pyrene
 Concen: 4.955 ng
 RT: 19.81 min Scan# 2812
 Delta R.T. -0.00 min
 Lab File: BG035871.D
 Acq: 25 Jul 2018 13:15

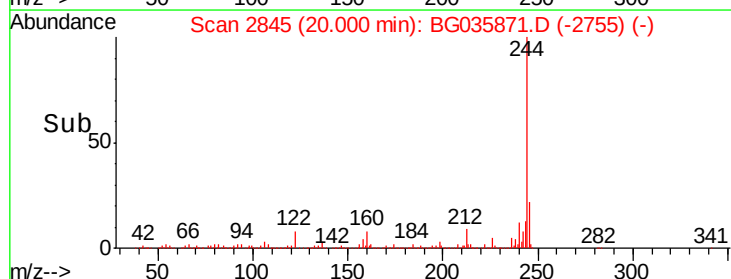
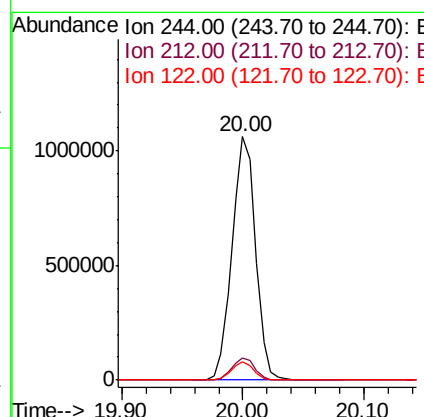
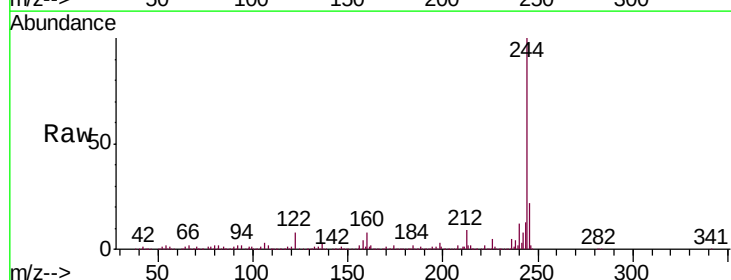
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT3-2018

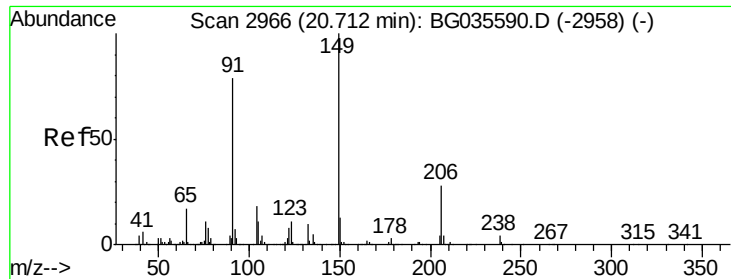
Tgt Ion:202 Resp: 96733
 Ion Ratio Lower Upper
 202 100
 200 20.7 16.9 25.3
 203 17.2 13.9 20.9



#78
 Terphenyl-d14
 Concen: 102.726 ng
 RT: 20.00 min Scan# 2845
 Delta R.T. -0.00 min
 Lab File: BG035871.D
 Acq: 25 Jul 2018 13:15

Tgt Ion:244 Resp: 1438911
 Ion Ratio Lower Upper
 244 100
 212 9.3 5.8 8.8#
 122 7.6 7.0 10.4

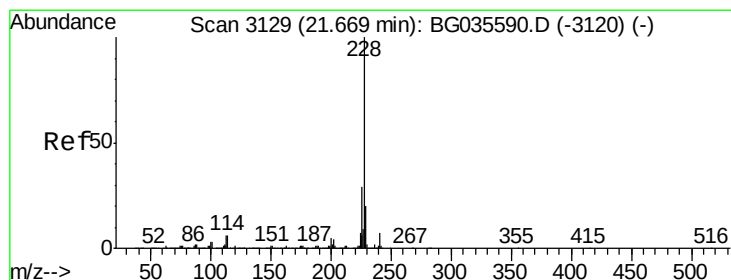
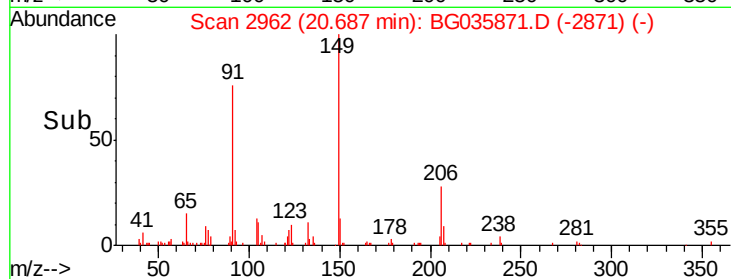
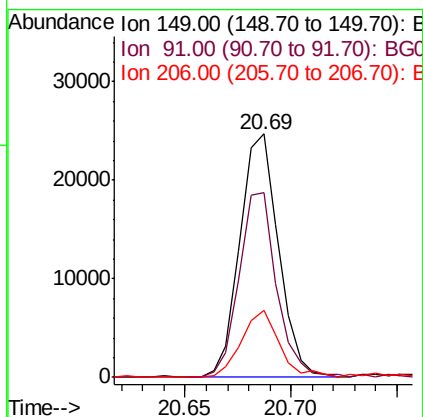
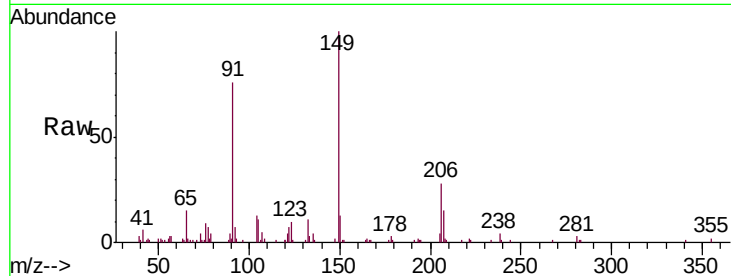




#79
Butylbenzylphthalate
Concen: 4.508 ng
RT: 20.69 min Scan# 2962
Delta R.T. 0.00 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

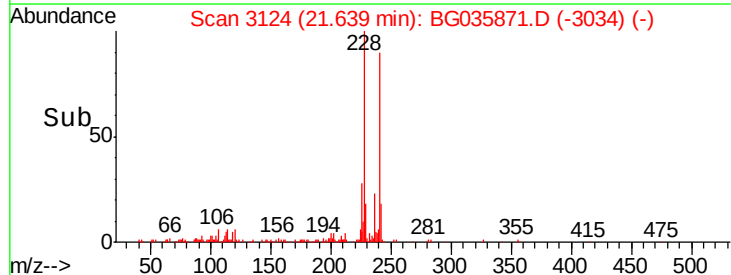
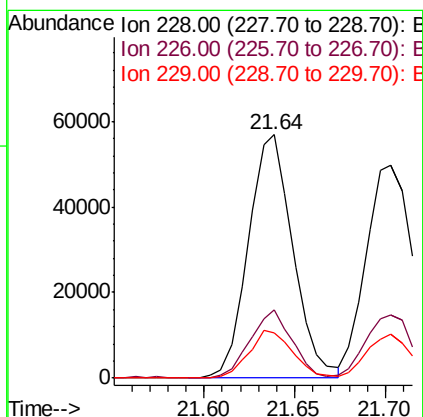
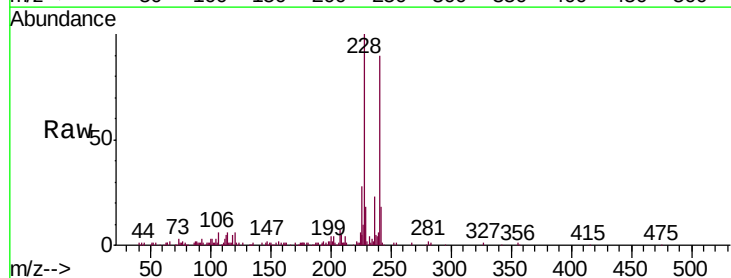
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2018

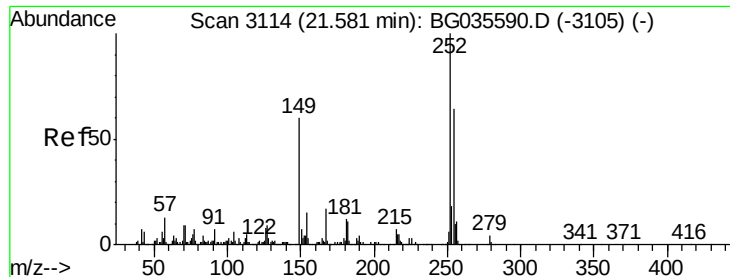
Tgt Ion:149 Resp: 31474
Ion Ratio Lower Upper
149 100
91 76.0 62.2 93.2
206 27.6 18.6 27.8



#80
Benzo(a)anthracene
Concen: 5.048 ng
RT: 21.64 min Scan# 3124
Delta R.T. -0.00 min
Lab File: BG035871.D
Acq: 25 Jul 2018 13:15

Tgt Ion:228 Resp: 97121
Ion Ratio Lower Upper
228 100
226 27.8 22.7 34.1
229 18.5 16.2 24.2

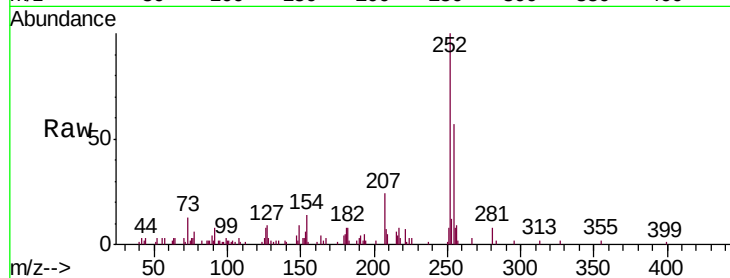




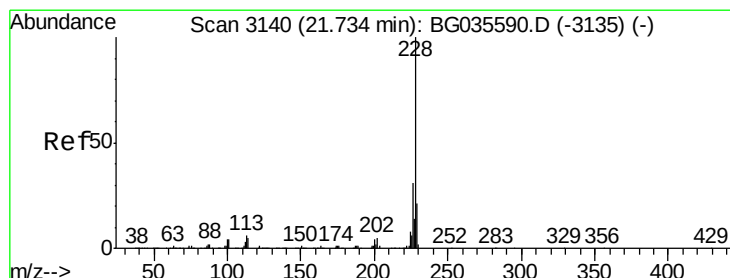
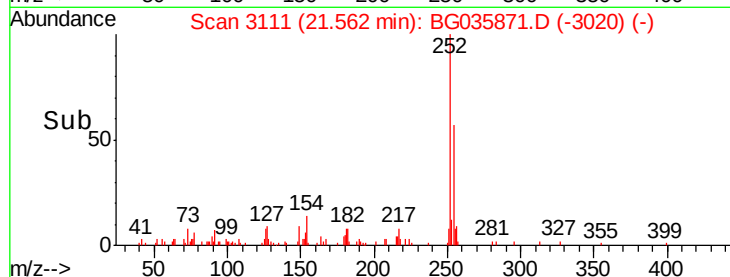
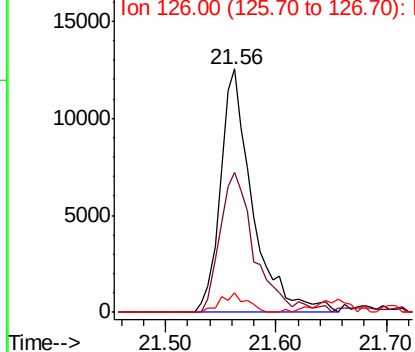
#81
 3,3'-Dichlorobenzidine
 Concen: 3.770 ng
 RT: 21.56 min Scan# 3111
 Delta R.T. 0.00 min
 Lab File: BG035871.D
 Acq: 25 Jul 2018 13:15

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

Tgt Ion: 252 Resp: 25295
 Ion Ratio Lower Upper
 252 100
 254 57.4 50.8 76.2
 126 7.8 7.4 11.2

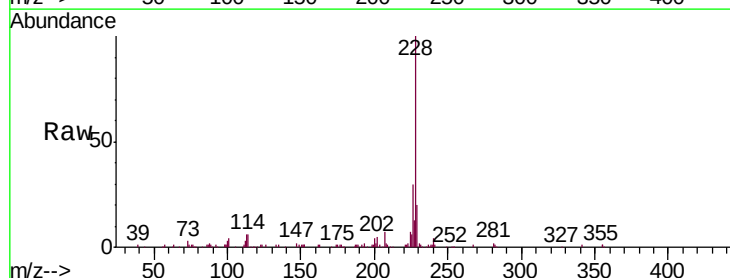


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

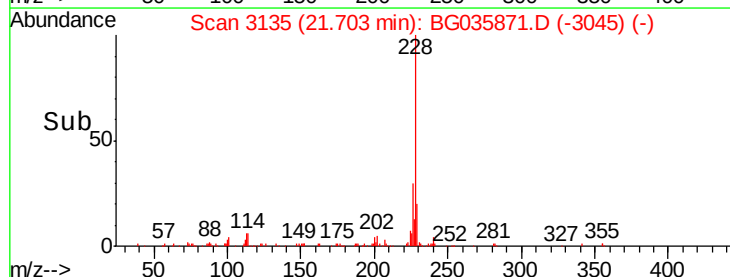
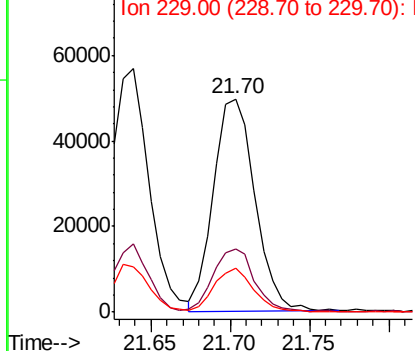


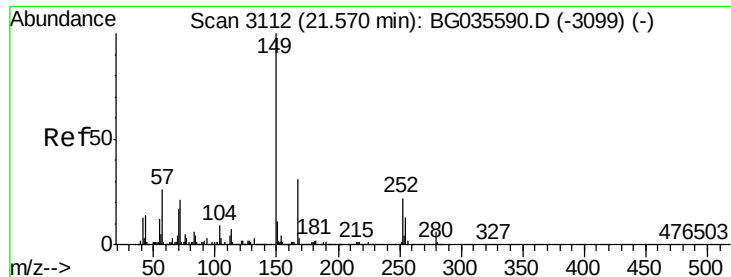
#82
 Chrysene
 Concen: 5.061 ng
 RT: 21.70 min Scan# 3135
 Delta R.T. -0.00 min
 Lab File: BG035871.D
 Acq: 25 Jul 2018 13:15

Tgt Ion: 228 Resp: 90235
 Ion Ratio Lower Upper
 228 100
 226 29.8 24.9 37.3
 229 20.4 15.0 22.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 4.786 ng

RT: 21.54 min Scan# 3107

Delta R.T. -0.00 min

Lab File: BG035871.D

Acq: 25 Jul 2018 13:15

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2018

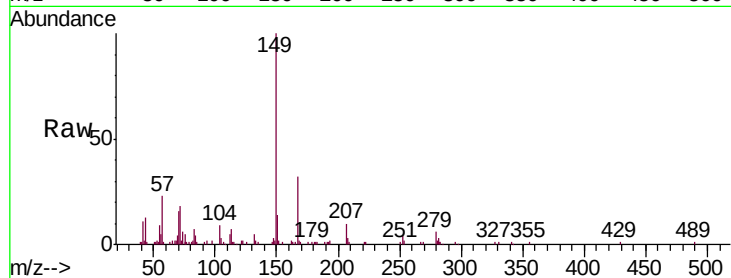
Tgt Ion:149 Resp: 45431

Ion Ratio Lower Upper

149 100

167 32.1 24.3 36.5

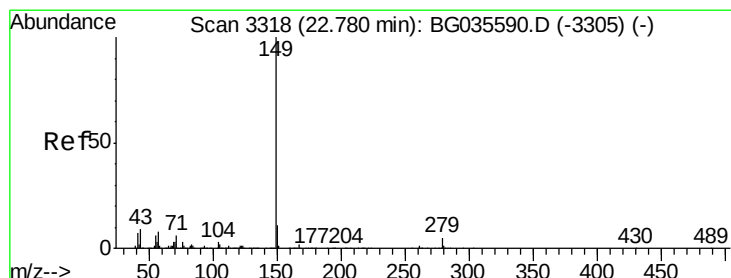
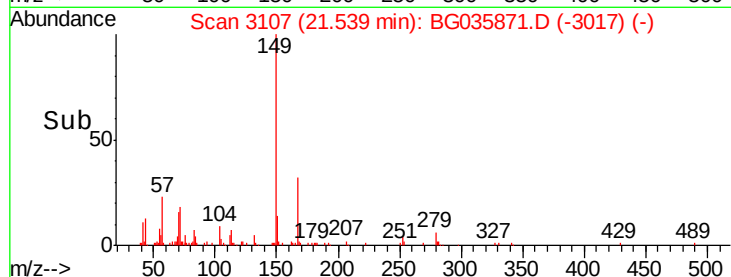
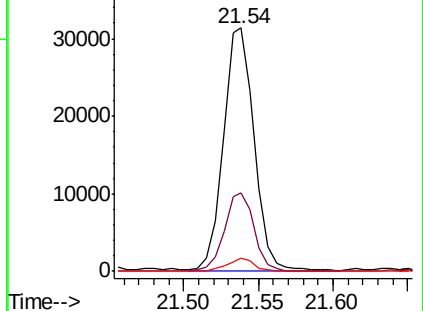
279 5.6 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 4.798 ng

RT: 22.74 min Scan# 3311

Delta R.T. -0.00 min

Lab File: BG035871.D

Acq: 25 Jul 2018 13:15

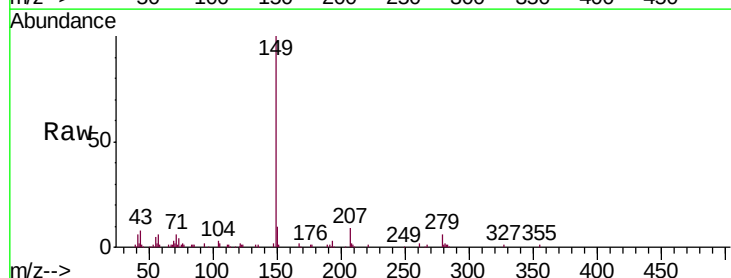
Tgt Ion:149 Resp: 76250

Ion Ratio Lower Upper

149 100

167 2.1 1.4 2.0#

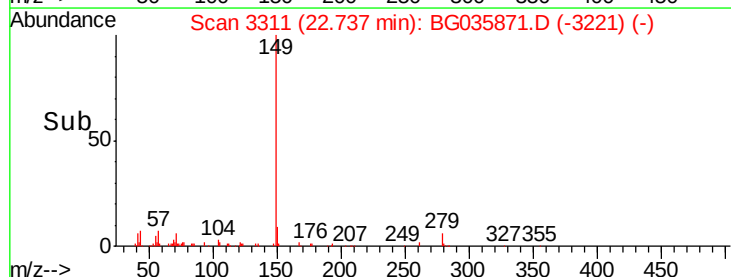
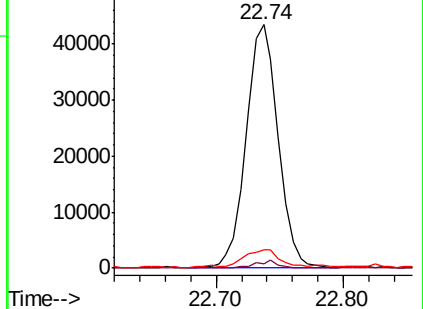
43 10.3 8.9 13.3

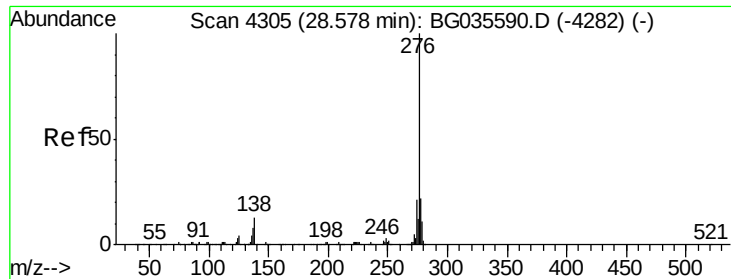


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





#85

Indeno(1,2,3-cd)pyrene

Concen: 4.504 ng

RT: 28.49 min Scan# 4290

Delta R.T. -0.01 min

Lab File: BG035871.D

Acq: 25 Jul 2018 13:15

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2018

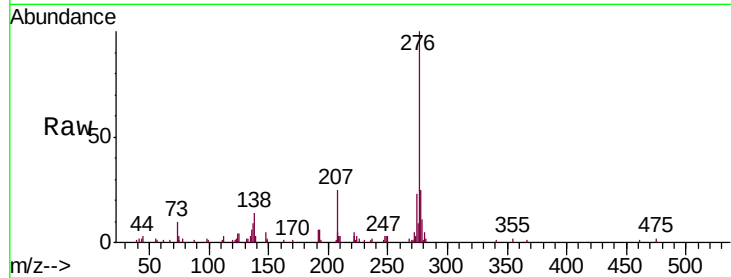
Tgt Ion:276 Resp: 88918

Ion Ratio Lower Upper

276 100

138 5.9 16.0 24.0#

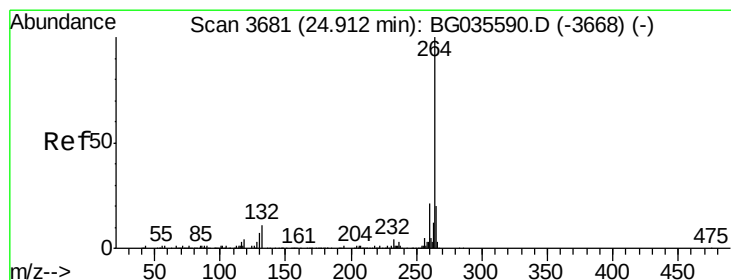
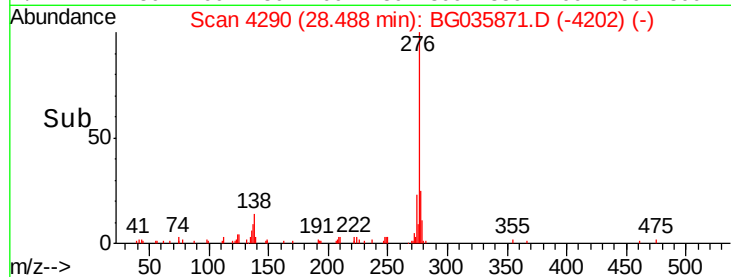
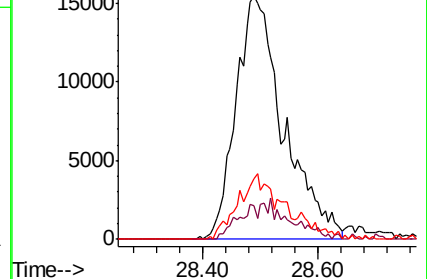
277 19.5 20.0 30.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3672

Delta R.T. -0.00 min

Lab File: BG035871.D

Acq: 25 Jul 2018 13:15

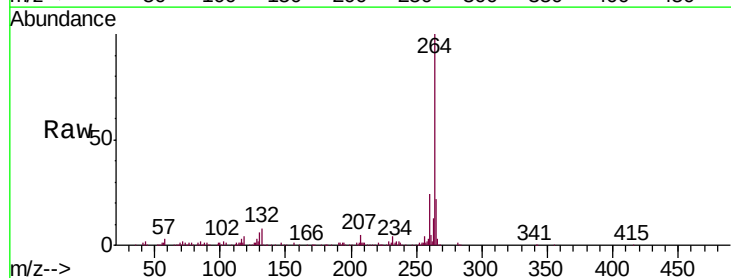
Tgt Ion:264 Resp: 286661

Ion Ratio Lower Upper

264 100

260 24.1 17.4 26.0

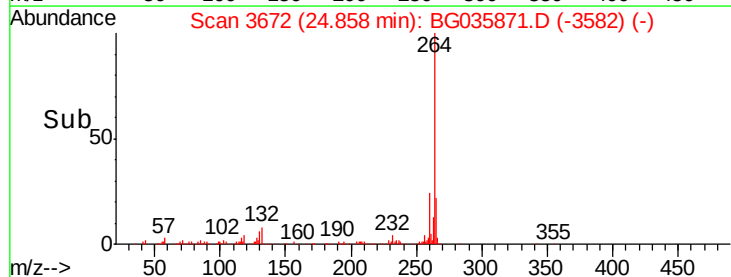
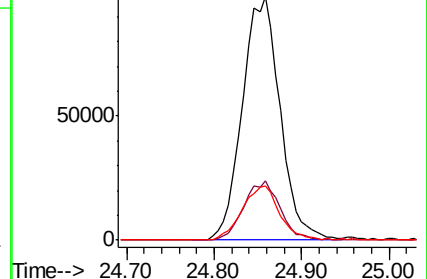
265 22.4 17.7 26.5

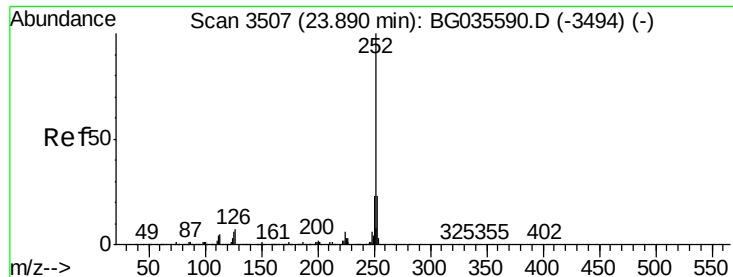


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 4.963 ng

RT: 23.84 min Scan# 3498

Delta R.T. -0.01 min

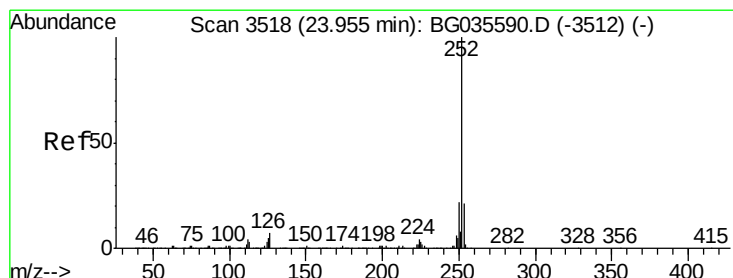
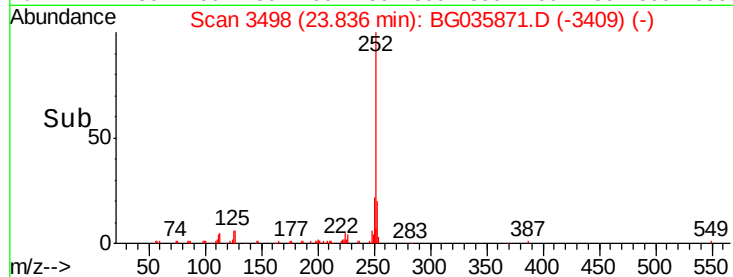
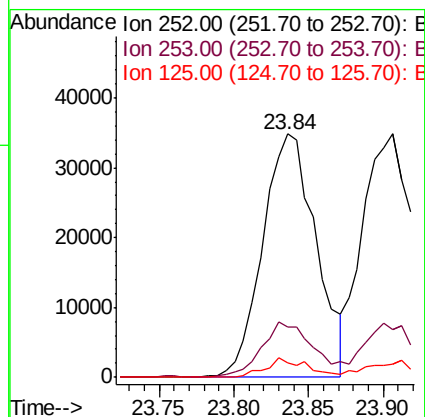
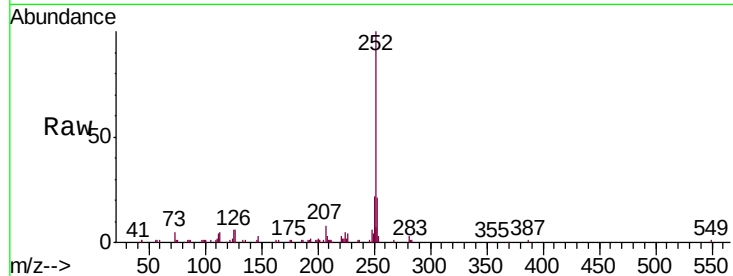
Lab File: BG035871.D

Acq: 25 Jul 2018 13:15

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

Tgt Ion:252 Resp: 86465

Ion	Ratio	Lower	Upper
252	100		
253	20.5	18.2	27.4
125	5.8	7.2	10.8#



#88

Benzo(k)fluoranthene

Concen: 5.168 ng

RT: 23.91 min Scan# 3510

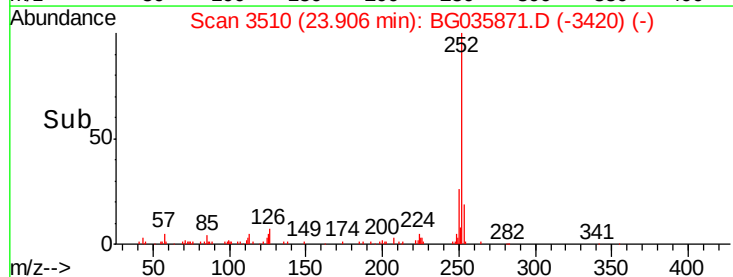
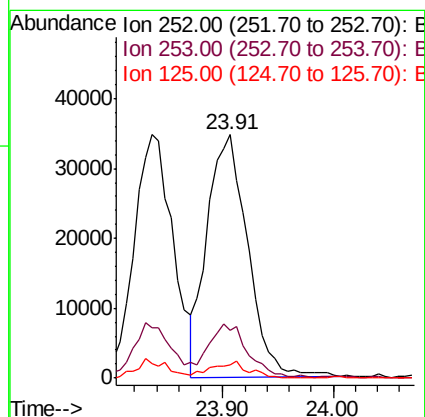
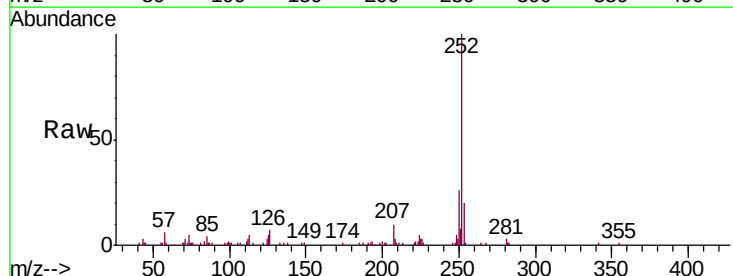
Delta R.T. -0.00 min

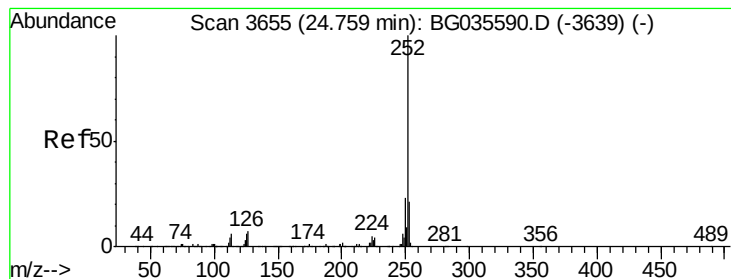
Lab File: BG035871.D

Acq: 25 Jul 2018 13:15

Tgt Ion:252 Resp: 88024

Ion	Ratio	Lower	Upper
252	100		
253	19.6	17.4	26.2
125	5.4	6.6	9.8#





#89

Benzo(a)pyrene

Concen: 5.202 ng

RT: 24.70 min Scan# 3645

Delta R.T. -0.01 min

Lab File: BG035871.D

Acq: 25 Jul 2018 13:15

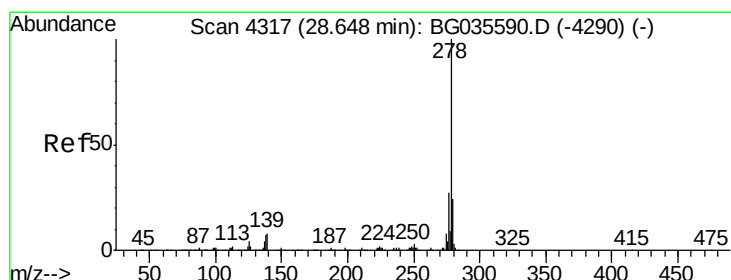
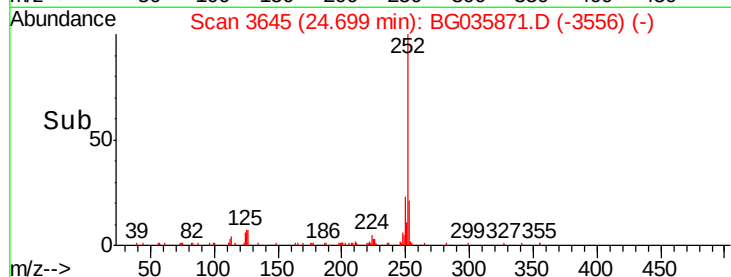
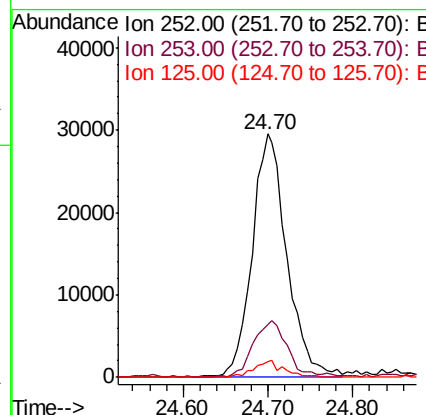
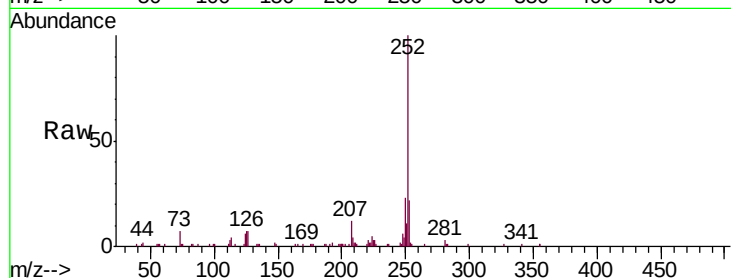
Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2018

Tgt Ion:	252	Resp:	84320
Ion Ratio	Lower	Upper	
252	100		
253	21.6	18.3	27.5
125	6.5	7.3	10.9#



#90

Dibenzo(a,h)anthracene

Concen: 4.678 ng

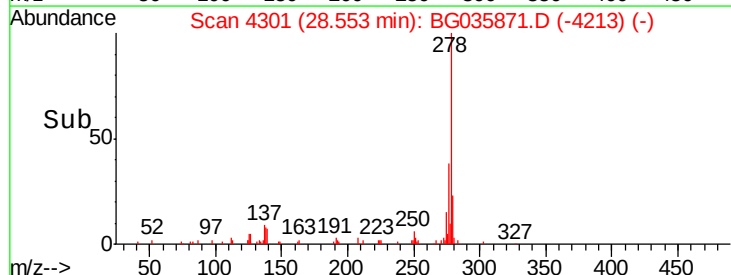
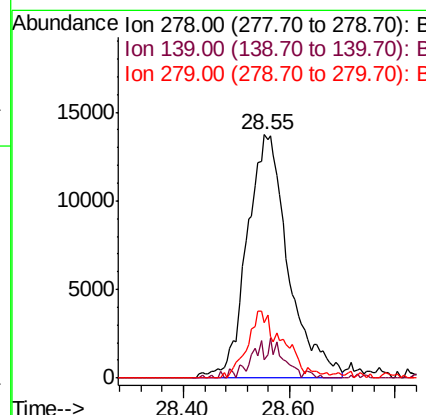
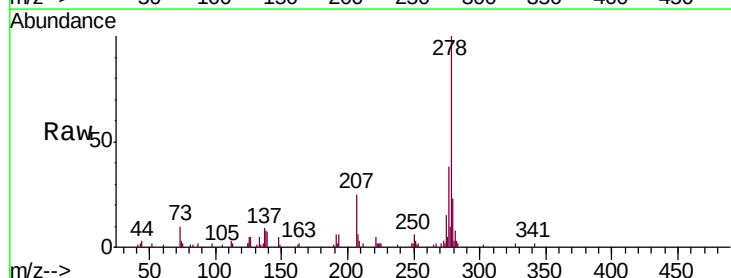
RT: 28.55 min Scan# 4301

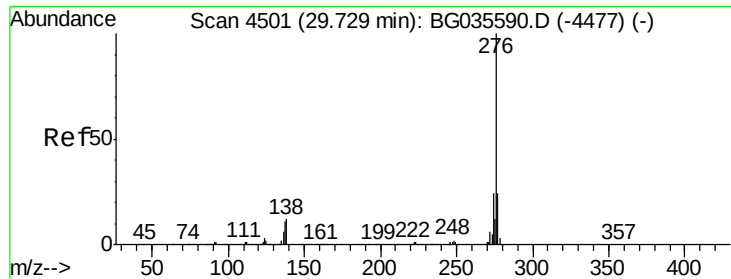
Delta R.T. -0.01 min

Lab File: BG035871.D

Acq: 25 Jul 2018 13:15

Tgt Ion:	278	Resp:	74450
Ion Ratio	Lower	Upper	
278	100		
139	7.3	9.8	14.6#
279	22.5	18.4	27.6





#91

Benzo(g,h,i)perylene

Concen: 5.063 ng

RT: 29.62 min Scan# 4483

Delta R.T. -0.01 min

Lab File: BG035871.D

Acq: 25 Jul 2018 13:15

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2018

Tgt Ion: 276 Resp: 78843

Ion Ratio Lower Upper

276 100

277 21.8 18.3 27.5

138 12.7 13.9 20.9#

