

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072518\
 Data File : BG035869.D
 Acq On : 25 Jul 2018 11:57
 Operator : JU/SJ
 Sample : J3762-09
 Misc : MDL 1PPM
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Jul 25 13:13:23 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	41078	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	148722	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	104236	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	274450	20.00	ng	0.00
75) Chrysene-d12	21.66	240	302187	20.00	ng	0.00
86) Perylene-d12	24.85	264	288536	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	290144	117.27	ng	0.00
7) Phenol-d6	7.19	99	396812	107.49	ng	0.00
23) Nitrobenzene-d5	9.19	82	285433	80.18	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	185499	135.02	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	675580	86.83	ng	0.00
78) Terphenyl-d14	20.00	244	1422504	103.76	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.54	88	2018	1.602	ng	# 43
3) Pyridine	3.99	79	883	0.269	ng	# 64
4) n-Nitrosodimethylamine	3.85	42	432	0.306	ng	# 56
6) Aniline	7.37	93	2476	0.517	ng	# 66
8) 2-Chlorophenol	7.60	128	2442	0.970	ng	# 69
9) Benzaldehyde	7.18	77	3416	1.508	ng	# 58
10) Phenol	7.22	94	3360	0.901	ng	# 14
11) bis(2-Chloroethyl)ether	7.45	93	2458	0.842	ng	# 91
12) 1,3-Dichlorobenzene	7.91	146	3077	1.013	ng	# 89
13) 1,4-Dichlorobenzene	8.06	146	3098	1.003	ng	# 97
14) 1,2-Dichlorobenzene	8.39	146	2343	0.790	ng	# 92
15) Benzyl Alcohol	8.29	79	1453	0.433	ng	# 69
16) 2,2'-oxybis(1-Chloropropan	8.55	45	2878	1.175	ng	# 65
17) 2-Methylphenol	8.48	107	2066	0.815	ng	# 87
18) Hexachloroethane	9.11	117	843	0.714	ng	# 86
19) n-Nitroso-di-n-propylamine	8.82	70	1856	0.597	ng	# 75
20) 3+4-Methylphenols	8.83	107	991	0.282	ng	# 76
22) Acetophenone	8.86	105	3978	0.860	ng	# 82
24) Nitrobenzene	9.22	77	3728	1.041	ng	# 77
25) Isophorone	9.76	82	5848	0.885	ng	# 87
26) 2-Nitrophenol	9.96	139	954	0.750	ng	# 99
27) 2,4-Dimethylphenol	10.00	122	68	0.032	ng	# 1
28) bis(2-Chloroethoxy)methane	10.28	93	2188	0.601	ng	# 86
29) 2,4-Dichlorophenol	10.54	162	61	0.025	ng	# 23
30) 1,2,4-Trichlorobenzene	10.70	180	2656	0.882	ng	# 65
31) Naphthalene	10.88	128	8116	1.048	ng	# 91
32) Benzoic acid	10.15	122	170	0.117	ng	# 1
33) 4-Chloroaniline	11.03	127	120	0.036	ng	# 46
34) Hexachlorobutadiene	11.16	225	2832	1.205	ng	# 77
35) Caprolactam	11.84	113	54	0.051	ng	# 1
36) 4-Chloro-3-methylphenol	12.15	107	926	0.281	ng	# 45
37) 2-Methylnaphthalene	12.50	142	5889	1.020	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	4036	1.026	ng	# 98
40) Hexachlorocyclopentadiene	12.82	237	129	0.063	ng	# 77

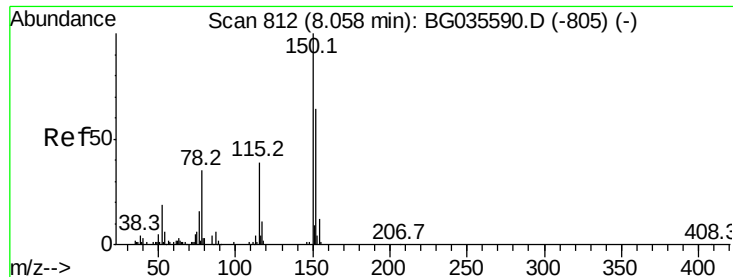
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072518\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 11:04:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	1402	0.609	ng	# 57
43) 2,4,5-Trichlorophenol	13.17	196	58	0.023	ng	# 64
45) 1,1'-Biphenyl	13.49	154	8661	1.072	ng	91
46) 2-Chloronaphthalene	13.53	162	6056	0.963	ng	# 90
47) 2-Nitroaniline	13.77	65	1181	0.531	ng	# 80
48) Acenaphthylene	14.38	152	10247	0.973	ng	# 87
49) Dimethylphthalate	14.11	163	7396	0.810	ng	# 87
50) 2,6-Dinitrotoluene	14.23	165	1632	0.878	ng	# 43
51) Acenaphthene	14.71	154	5987	0.913	ng	88
52) 3-Nitroaniline	14.59	138	80	0.042	ng	# 67
54) Dibenzofuran	15.05	168	10477	1.004	ng	# 93
56) 2,4-Dinitrotoluene	15.03	165	1758	0.659	ng	# 86
57) Fluorene	15.70	166	8690	0.994	ng	# 89
58) 2,3,4,6-Tetrachlorophenol	15.30	232	1522	0.617	ng	# 57
59) Diethylphthalate	15.46	149	7741	0.824	ng	96
60) 4-Chlorophenyl-phenylether	15.70	204	4855	0.945	ng	92
61) 4-Nitroaniline	15.79	138	62	0.031	ng	# 12
62) Azobenzene	15.98	77	7852	0.848	ng	85
64) 4,6-Dinitro-2-methylphenol	16.14	198	667	0.437	ng	# 1
65) n-Nitrosodiphenylamine	15.91	169	6522	0.835	ng	94
66) 4-Bromophenyl-phenylether	16.59	248	3135	0.985	ng	# 83
67) Hexachlorobenzene	16.70	284	3203	0.977	ng	# 92
68) Atrazine	16.86	200	3185	0.990	ng	81
69) Pentachlorophenol	17.14	266	64	0.032	ng	# 19
70) Phenanthrene	17.44	178	14361	1.049	ng	95
71) Anthracene	17.53	178	13631	1.000	ng	95
72) Carbazole	17.82	167	10364	0.800	ng	# 87
73) Di-n-butylphthalate	18.35	149	13294	0.869	ng	96
74) Fluoranthene	19.45	202	17162	0.930	ng	87
77) Pyrene	19.81	202	17499	0.916	ng	# 95
79) Butylbenzylphthalate	20.69	149	6241	0.913	ng	94
80) Benzo(a)anthracene	21.70	228	18616	0.989	ng	93
81) 3,3'-Dichlorobenzidine	21.59	252	3790	0.577	ng	# 91
82) Chrysene	21.63	228	19113	1.095	ng	91
83) Bis(2-ethylhexyl)phthalate	21.54	149	10626	1.144	ng	# 95
84) Di-n-octyl phthalate	22.74	149	14643	0.941	ng	# 90
85) Indeno(1,2,3-cd)pyrene	28.51	276	7126	0.369	ng	# 56
87) Benzo(b)fluoranthene	23.85	252	15767	0.899	ng	# 90
88) Benzo(k)fluoranthene	23.91	252	16992	0.991	ng	# 85
89) Benzo(a)pyrene	24.71	252	16303	0.999	ng	# 86
90) Dibenzo(a,h)anthracene	28.58	278	12207	0.762	ng	# 90
91) Benzo(g,h,i)perylene	29.64	276	7409	0.473	ng	96

(#) = 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: BG035869.D

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Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2018

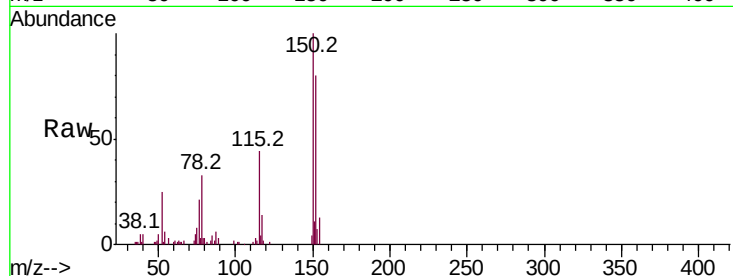
Tot Ion:152 Resp: 41078

Ion Ratio Lower Upper

152 100

150 125.7 126.6 189.8#

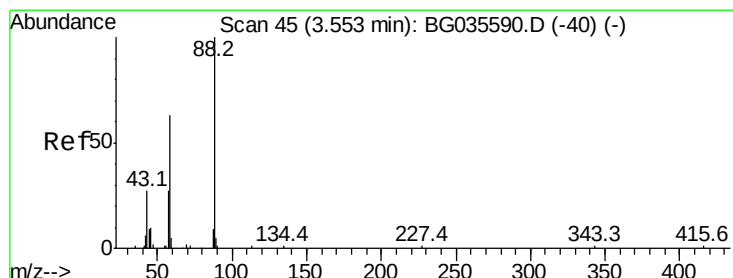
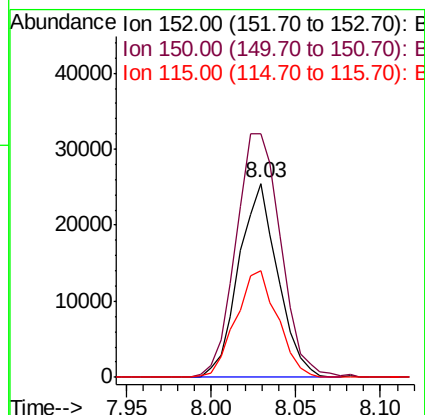
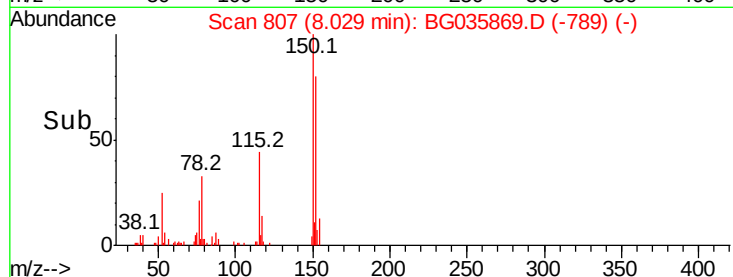
115 54.9 53.0 79.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 1.602 ng

RT: 3.54 min Scan# 42

Delta R.T. 0.01 min

Lab File: BG035869.D

Acq: 25 Jul 2018 11:57

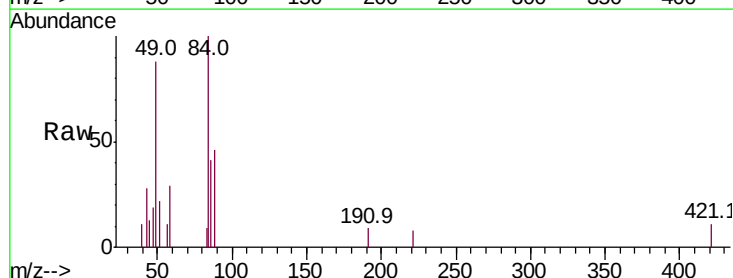
Tgt Ion: 88 Resp: 2018

Ion Ratio Lower Upper

88 100

58 37.9 79.6 119.4#

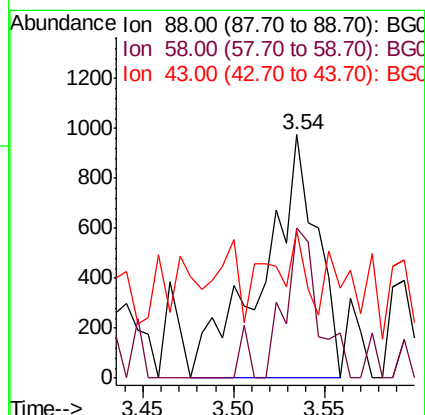
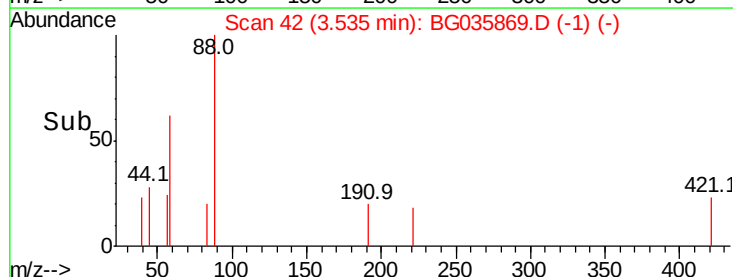
43 9.7 27.4 41.0#

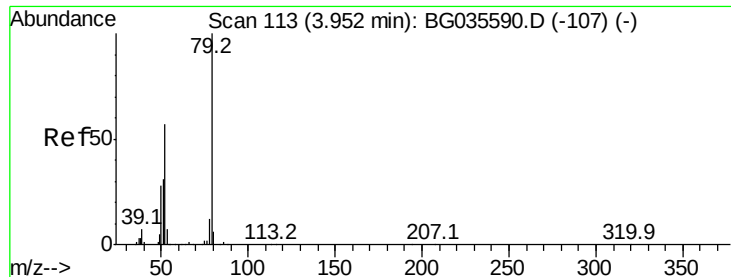


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 0.269 ng

RT: 3.99 min Scan# 119

Delta R.T. 0.07 min

Lab File: BG035869.D

Acq: 25 Jul 2018 11:57

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2018

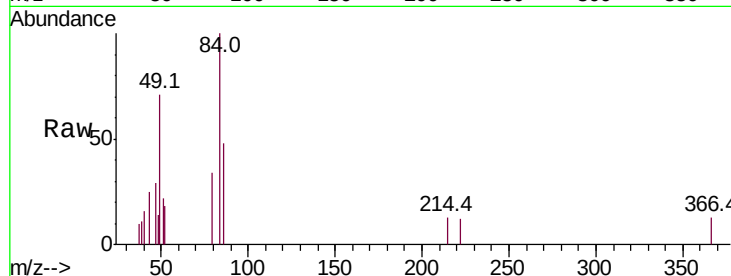
Tot Ion: 79 Resp: 883

Ion Ratio Lower Upper

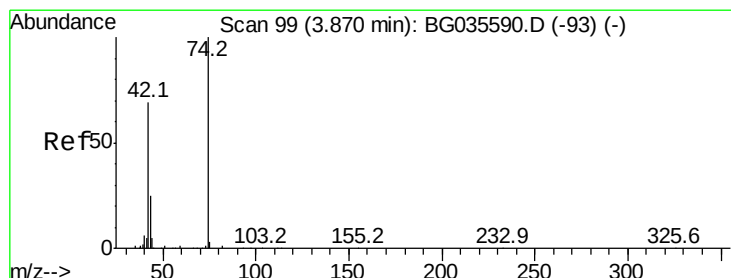
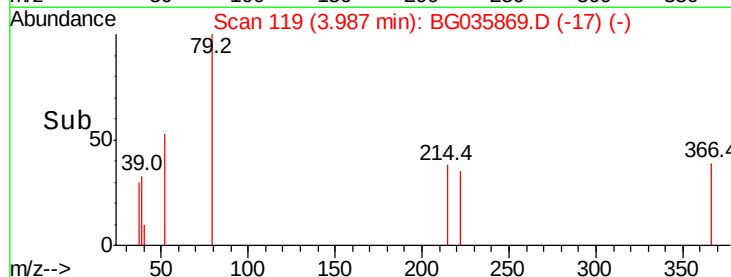
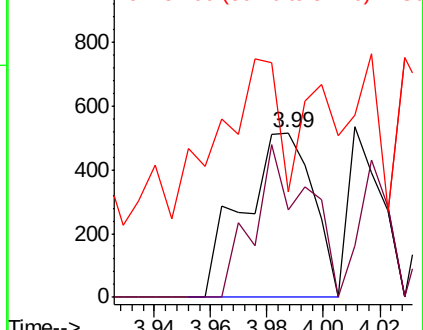
79 100

52 53.1 69.9 104.9#

51 64.1 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: 0.306 ng

RT: 3.85 min Scan# 96

Delta R.T. 0.02 min

Lab File: BG035869.D

Acq: 25 Jul 2018 11:57

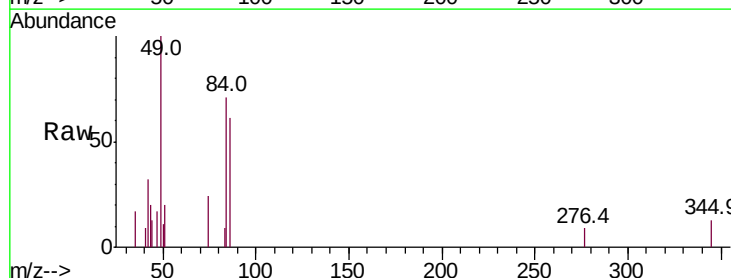
Tgt Ion: 42 Resp: 432

Ion Ratio Lower Upper

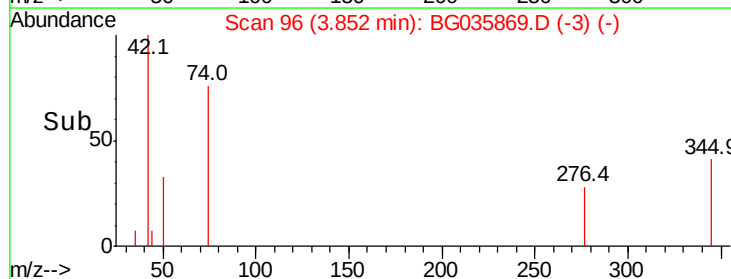
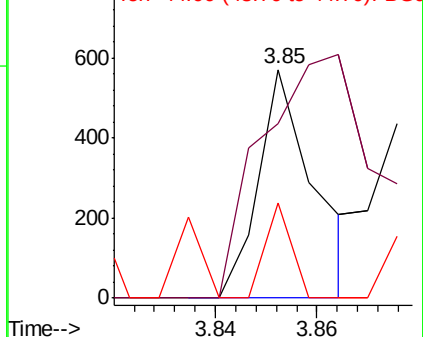
42 100

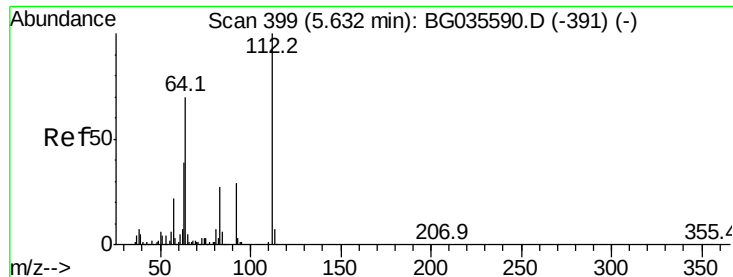
74 76.3 102.5 153.7#

44 41.9 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: 117.266 ng

RT: 5.61 min Scan# 395

Delta R.T. 0.00 min

Lab File: BG035869.D

Acq: 25 Jul 2018 11:57

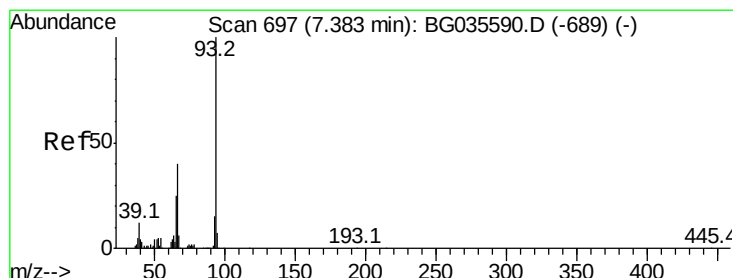
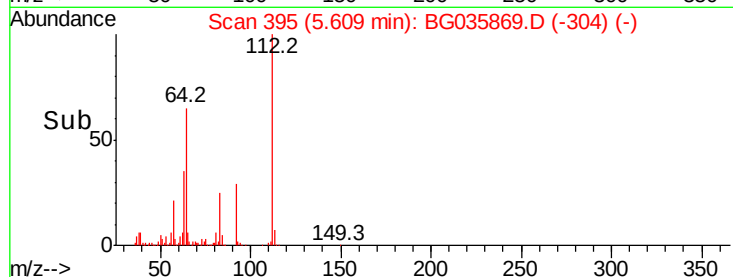
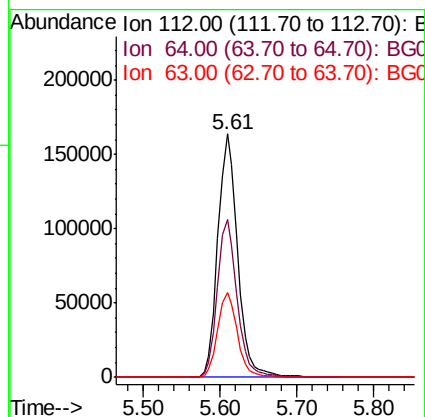
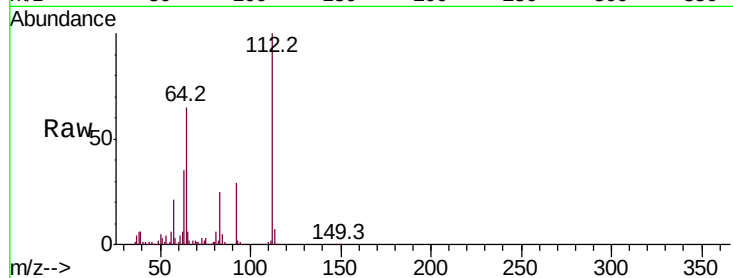
Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion:	112	Resp:	290144
Ion	Ratio	Lower	Upper
112	100		
64	64.9	56.3	84.5
63	35.1	30.1	45.1



#6

Aniline

Concen: 0.517 ng

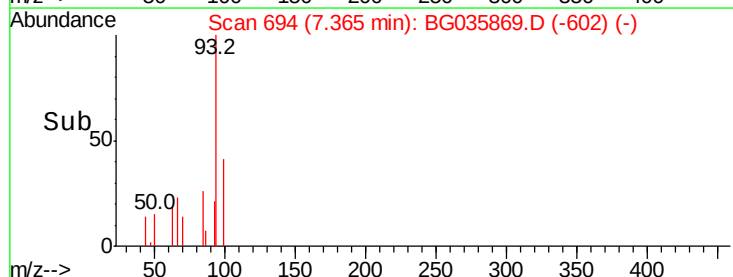
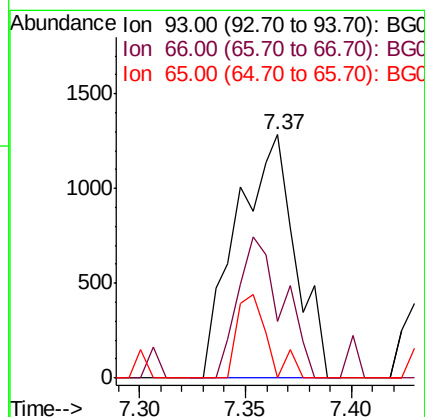
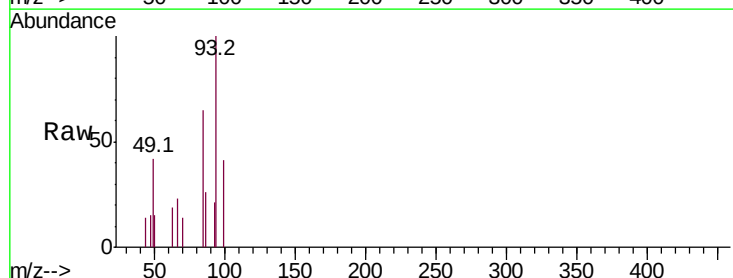
RT: 7.37 min Scan# 694

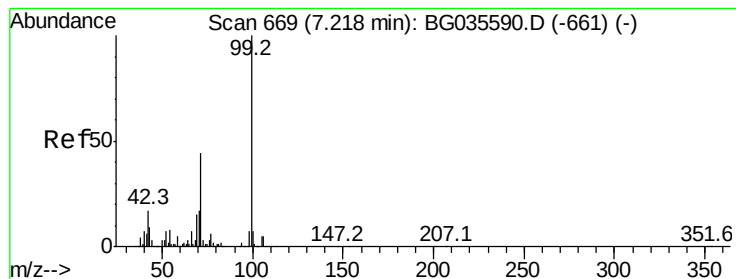
Delta R.T. 0.01 min

Lab File: BG035869.D

Acq: 25 Jul 2018 11:57

Tgt Ion:	93	Resp:	2476
Ion	Ratio	Lower	Upper
93	100		
66	23.0	33.7	50.5#
65	0.0	16.1	24.1#





#7

Phenol-d6

Concen: 107.493 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG035869.D

Acq: 25 Jul 2018 11:57

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2018

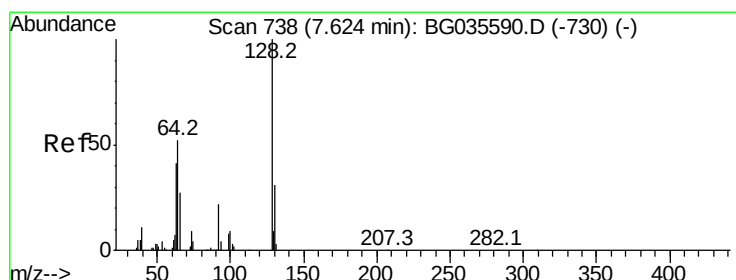
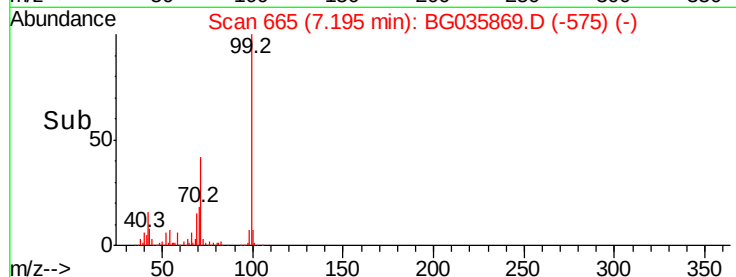
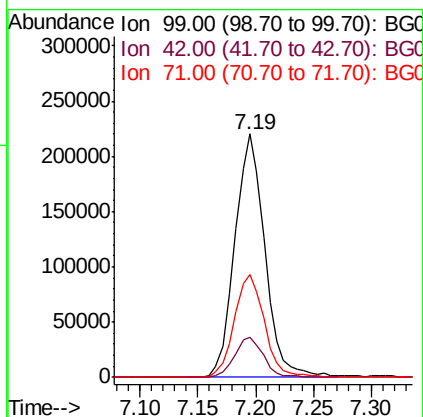
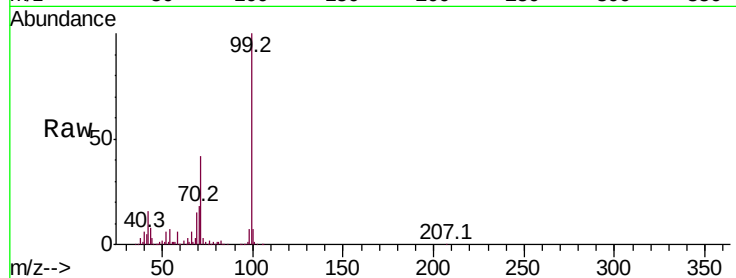
Tot Ion: 99 Resp: 396812

Ion Ratio Lower Upper

99 100

42 16.4 14.1 21.1

71 42.0 26.1 39.1#



#8

2-Chlorophenol

Concen: 0.970 ng

RT: 7.60 min Scan# 734

Delta R.T. 0.00 min

Lab File: BG035869.D

Acq: 25 Jul 2018 11:57

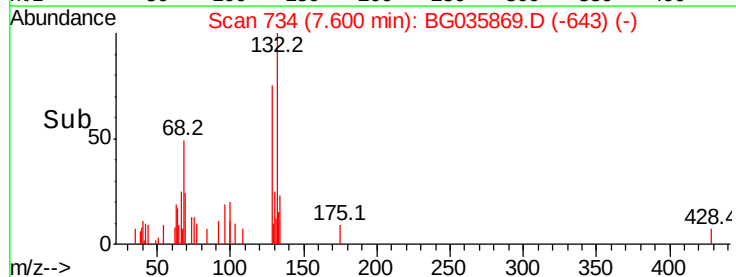
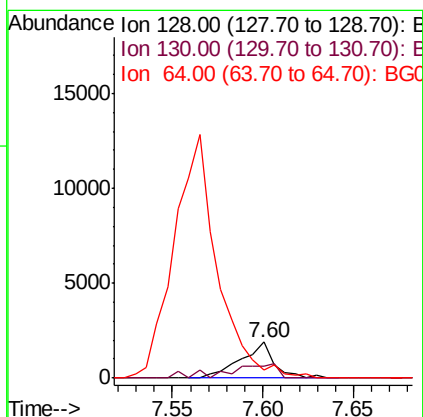
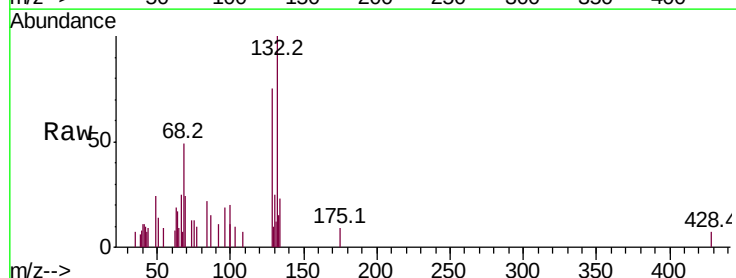
Tgt Ion:128 Resp: 2442

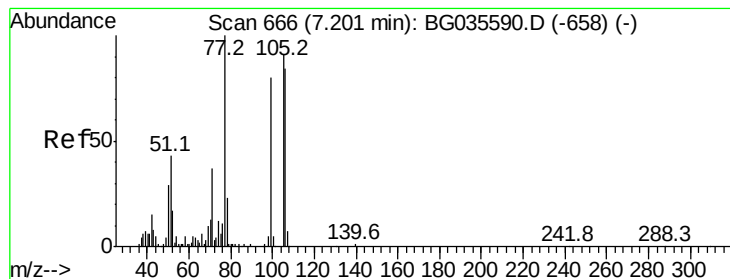
Ion Ratio Lower Upper

128 100

130 33.0 14.0 54.0

64 22.1 37.7 77.7#





#9

Benzaldehyde

Concen: 1.508 ng

RT: 7.18 min Scan# 662

Delta R.T. 0.01 min

Lab File: BG035869.D

Acq: 25 Jul 2018 11:57

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2018

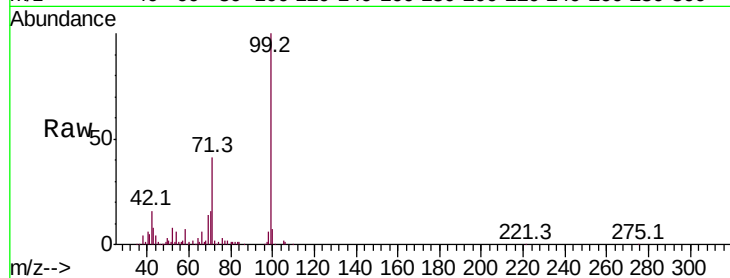
Tot Ion: 77 Resp: 3416

Ion Ratio Lower Upper

77 100

105 68.5 71.3 111.3#

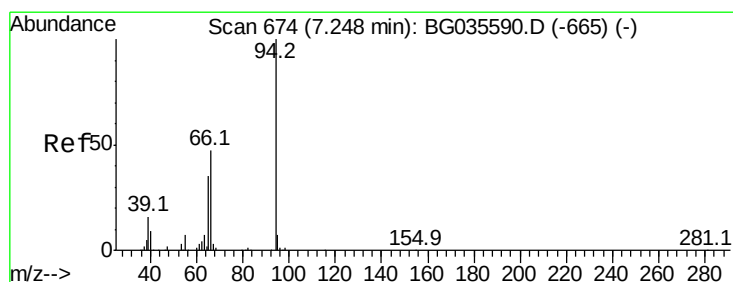
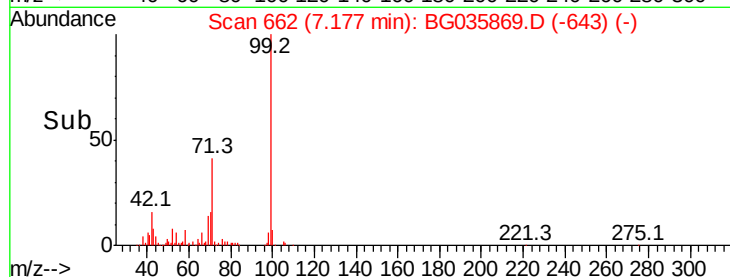
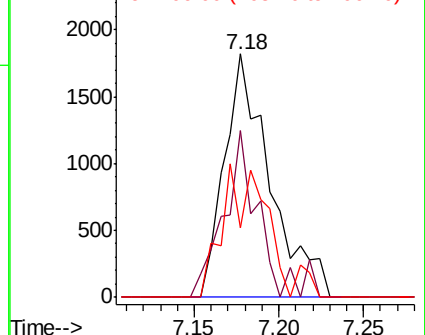
106 28.6 64.2 104.2#



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: 0.901 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG035869.D

Acq: 25 Jul 2018 11:57

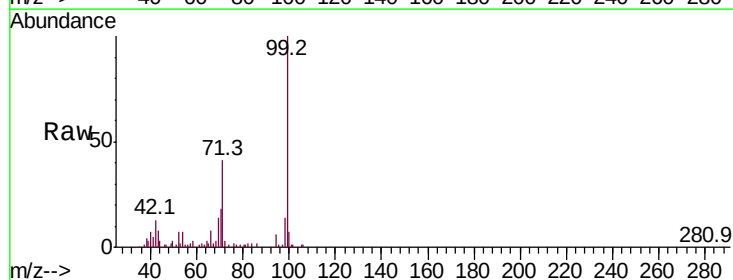
Tgt Ion: 94 Resp: 3360

Ion Ratio Lower Upper

94 100

65 32.1 11.9 51.9

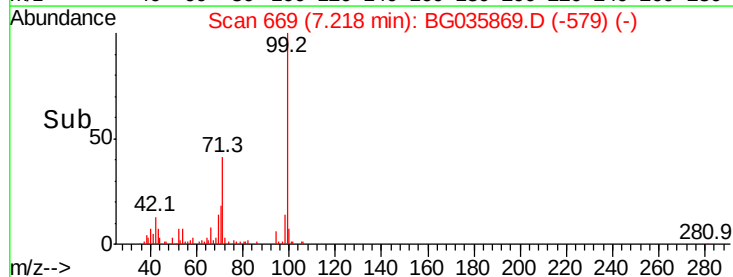
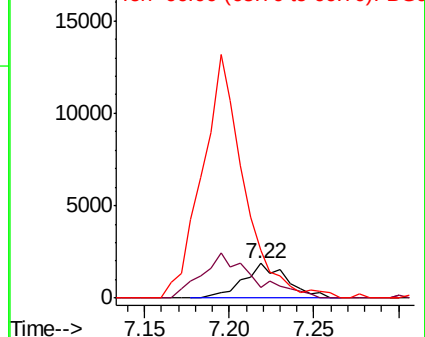
66 137.6 22.2 62.2#

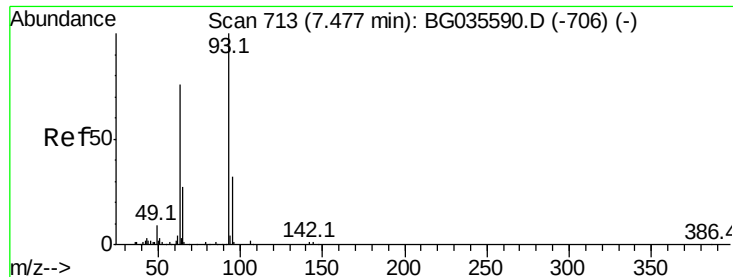


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 0.842 ng

RT: 7.45 min Scan# 708

Delta R.T. -0.00 min

Lab File: BG035869.D

Acq: 25 Jul 2018 11:57

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2018

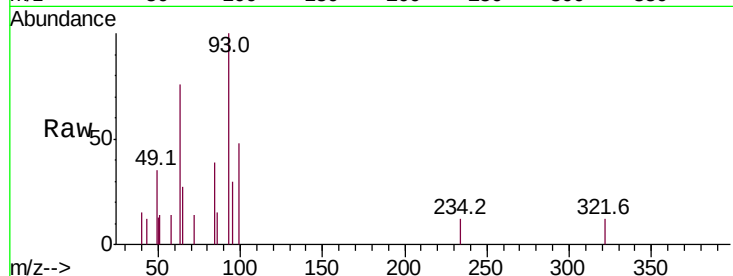
Tot Ion: 93 Resp: 2458

Ion Ratio Lower Upper

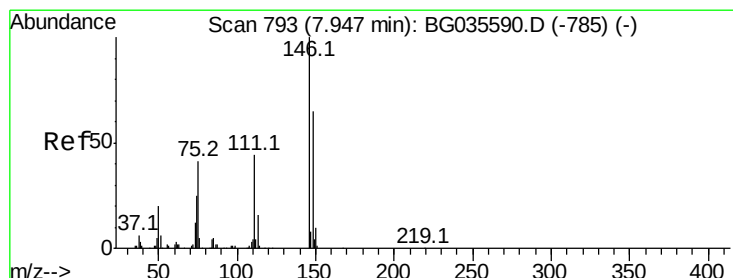
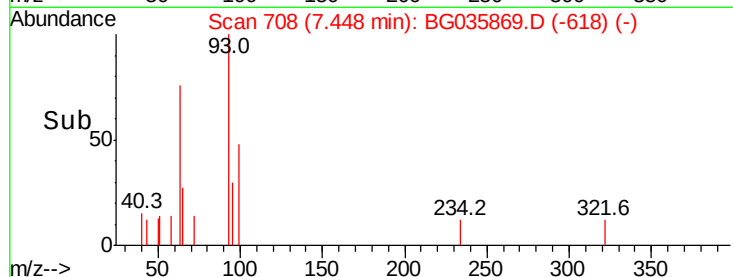
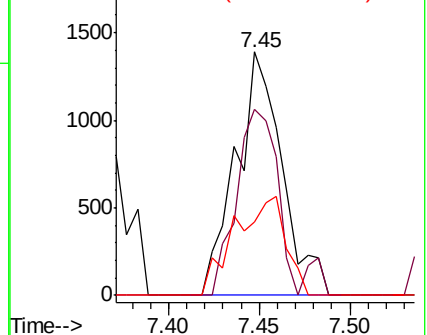
93 100

63 76.2 67.1 107.1

95 30.0 11.5 51.5



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 1.013 ng

RT: 7.91 min Scan# 787

Delta R.T. -0.01 min

Lab File: BG035869.D

Acq: 25 Jul 2018 11:57

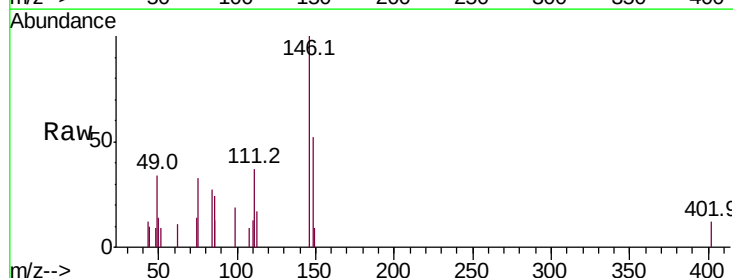
Tgt Ion: 146 Resp: 3077

Ion Ratio Lower Upper

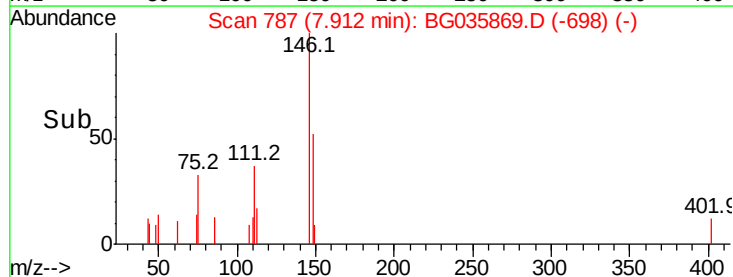
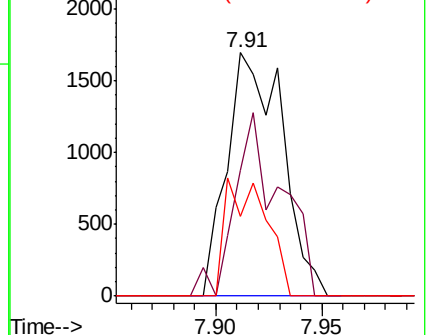
146 100

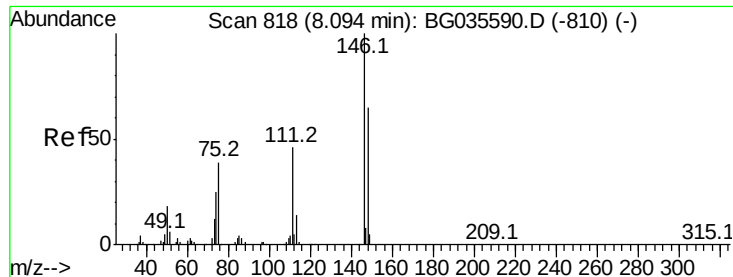
148 51.8 51.4 77.2

75 32.6 26.6 39.8



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 1.003 ng

RT: 8.06 min Scan# 813

Delta R.T. -0.00 min

Lab File: BG035869.D

Acq: 25 Jul 2018 11:57

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2018

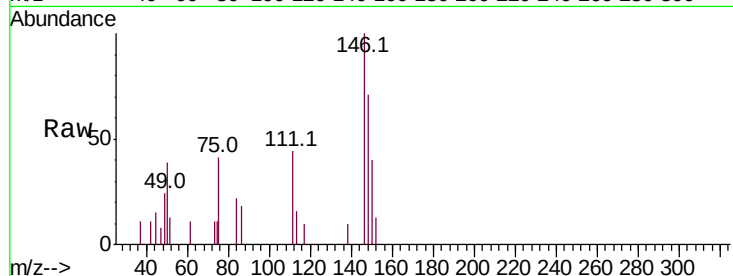
Tot Ion:146 Resp: 3098

Ion Ratio Lower Upper

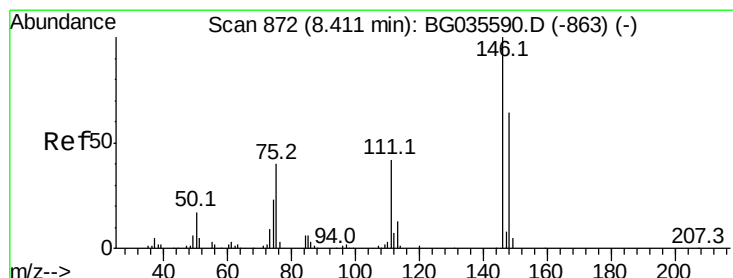
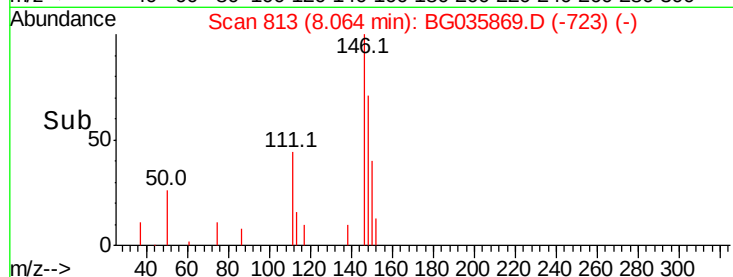
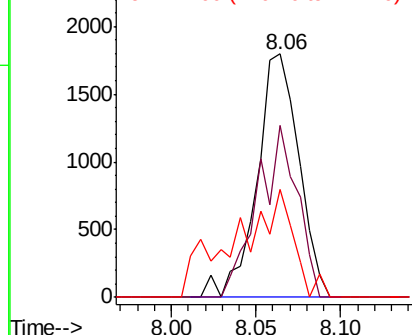
146 100

148 70.7 53.7 80.5

111 44.5 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: 0.790 ng

RT: 8.39 min Scan# 868

Delta R.T. 0.00 min

Lab File: BG035869.D

Acq: 25 Jul 2018 11:57

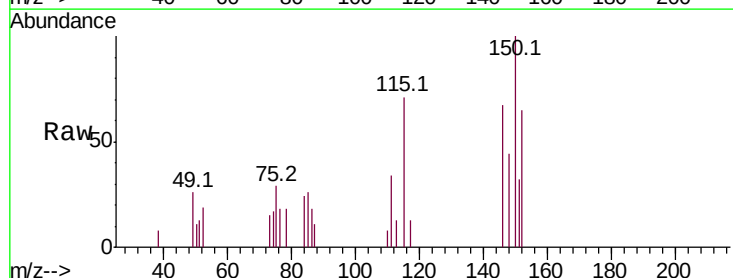
Tgt Ion:146 Resp: 2343

Ion Ratio Lower Upper

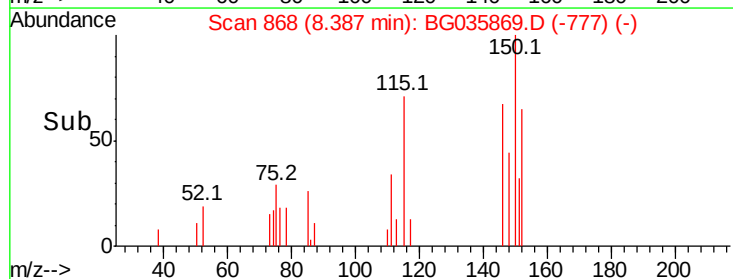
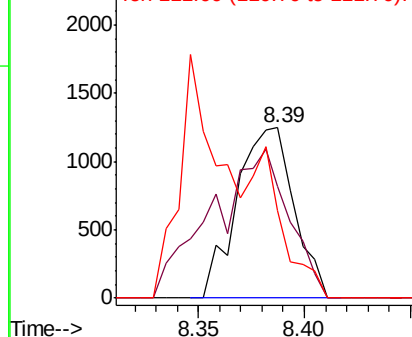
146 100

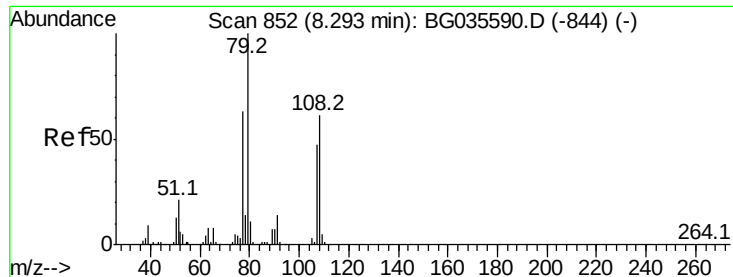
148 65.4 49.3 73.9

111 50.9 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: 0.433 ng

RT: 8.29 min Scan# 851

Delta R.T. 0.02 min

Lab File: BG035869.D

Acq: 25 Jul 2018 11:57

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2018

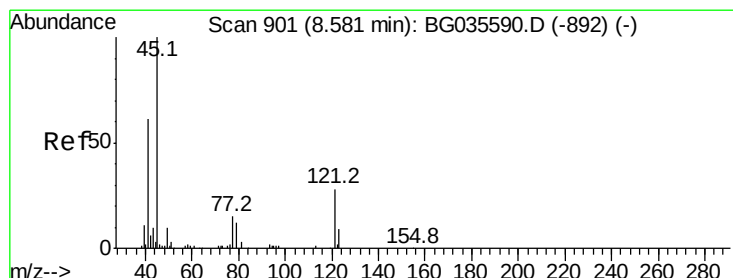
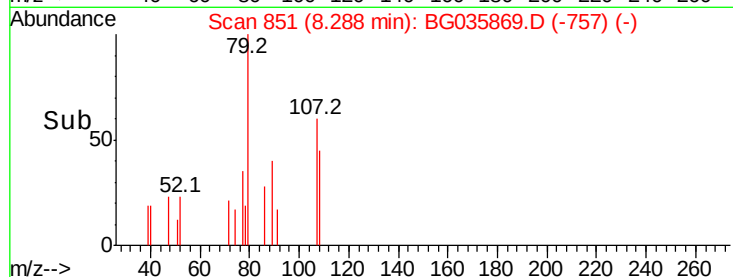
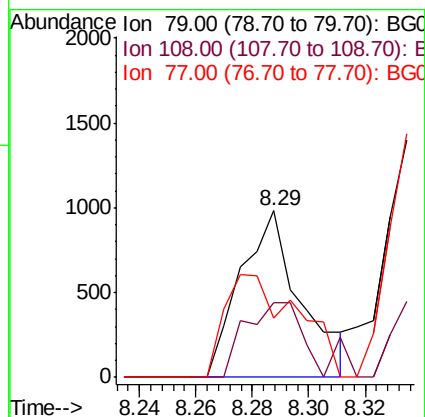
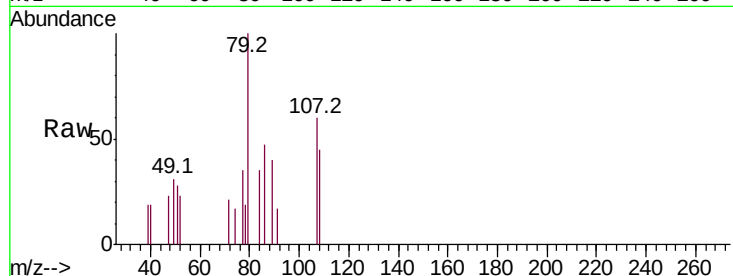
Tot Ion: 79 Resp: 1453

Ion Ratio Lower Upper

79 100

108 45.1 57.2 85.8#

77 35.2 46.1 69.1#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 1.175 ng

RT: 8.55 min Scan# 895

Delta R.T. -0.01 min

Lab File: BG035869.D

Acq: 25 Jul 2018 11:57

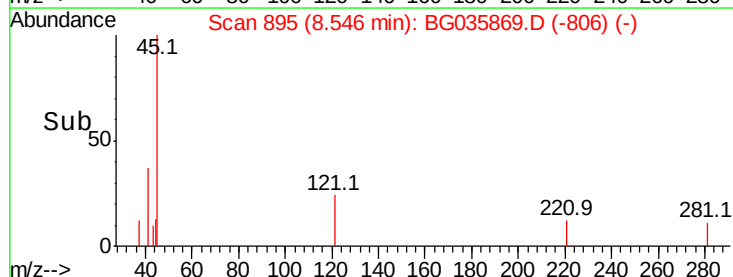
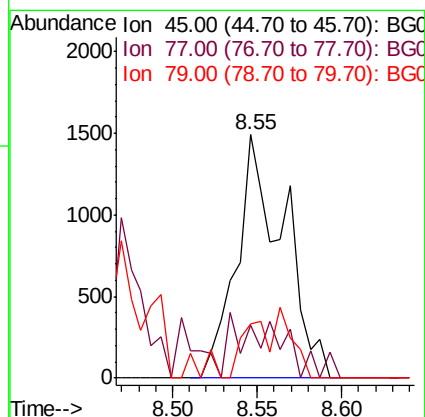
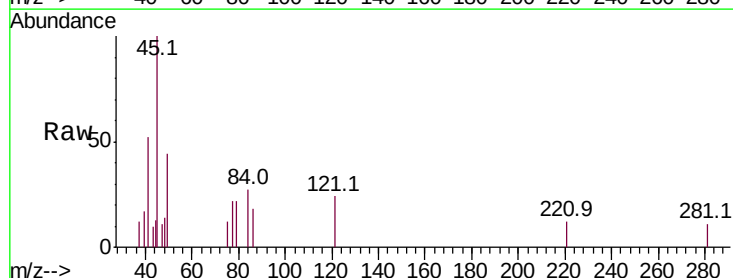
Tgt Ion: 45 Resp: 2878

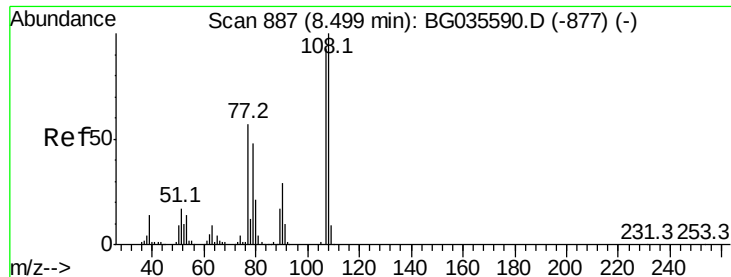
Ion Ratio Lower Upper

45 100

77 21.6 0.0 30.2

79 22.4 0.0 27.9





#17

2-Methylphenol

Concen: 0.815 ng

RT: 8.48 min Scan# 883

Delta R.T. 0.00 min

Lab File: BG035869.D

Acq: 25 Jul 2018 11:57

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion:107 Resp: 2066

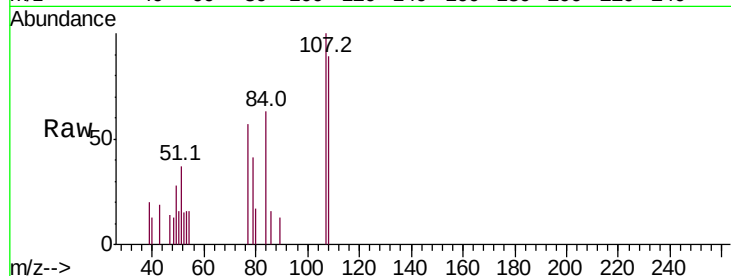
Ion Ratio Lower Upper

107 100

108 88.9 83.9 125.9

77 56.9 37.2 55.8#

79 41.5 36.2 54.2

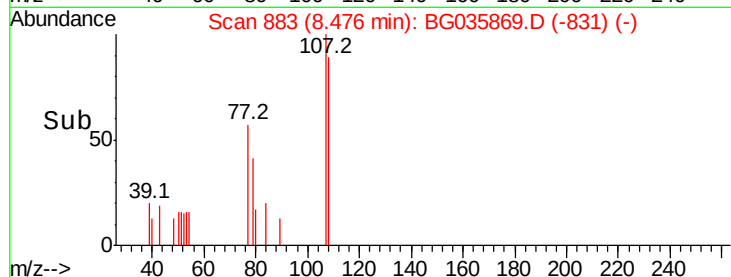


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



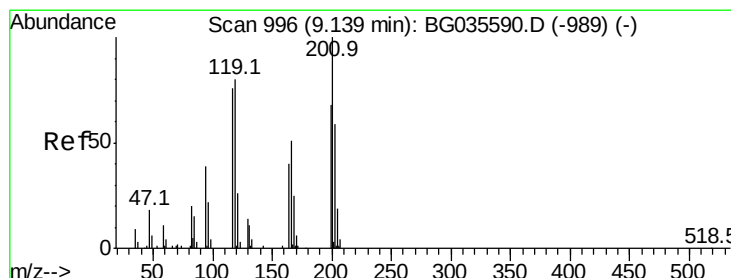
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG

Time--> 8.40 8.45 8.50 8.55



#18

Hexachloroethane

Concen: 0.714 ng

RT: 9.11 min Scan# 991

Delta R.T. 0.00 min

Lab File: BG035869.D

Acq: 25 Jul 2018 11:57

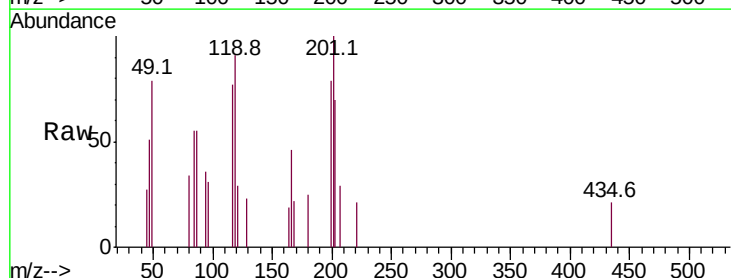
Tgt Ion:117 Resp: 843

Ion Ratio Lower Upper

117 100

119 117.3 76.7 115.1#

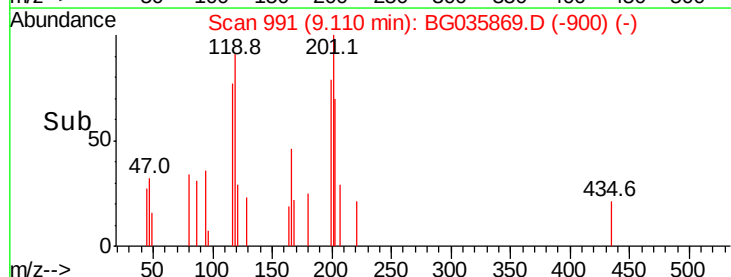
201 129.0 95.7 143.5



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

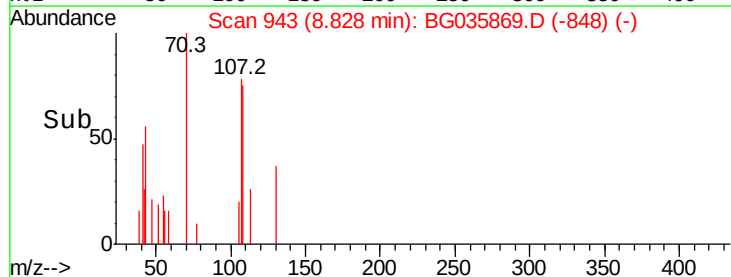
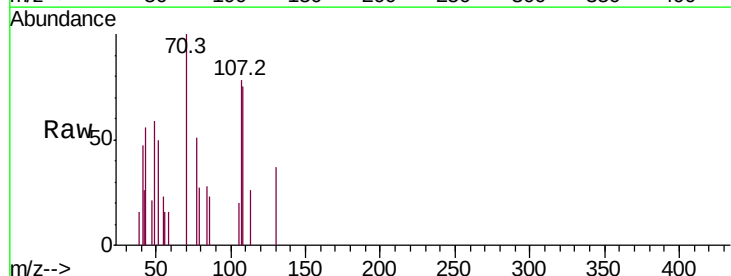
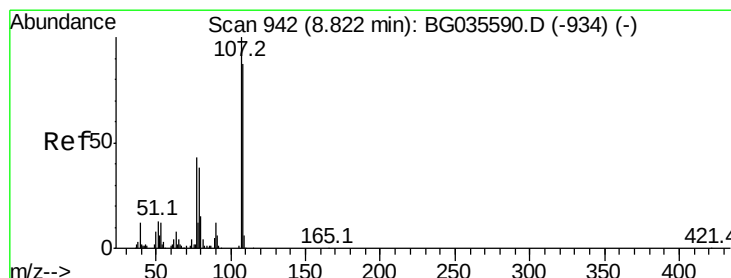
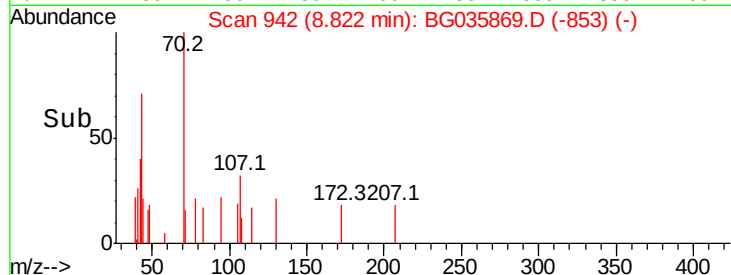
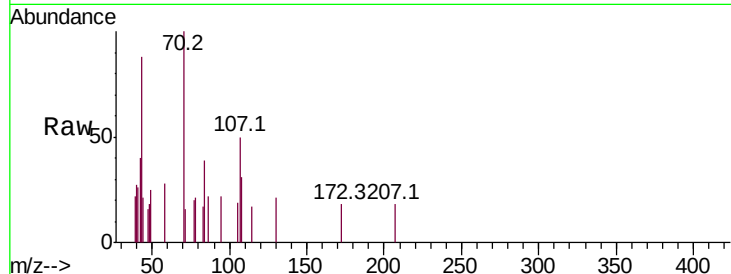
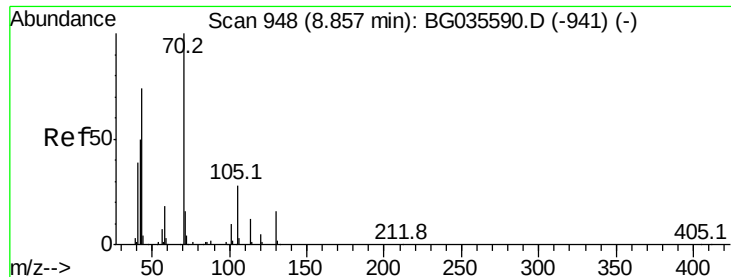


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

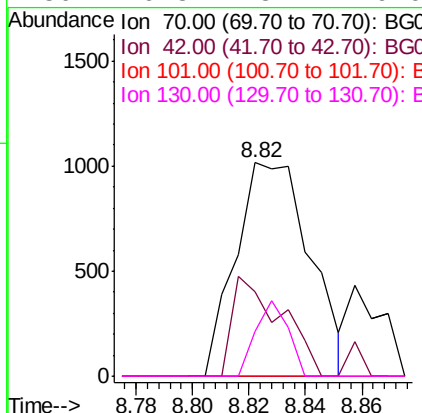
Time--> 9.06 9.08 9.10 9.12 9.14



#19
n-Nitroso-di-n-propylamine
Concen: 0.597 ng
RT: 8.82 min Scan# 942
Delta R.T. -0.01 min
Lab File: BG035869.D
Acq: 25 Jul 2018 11:57

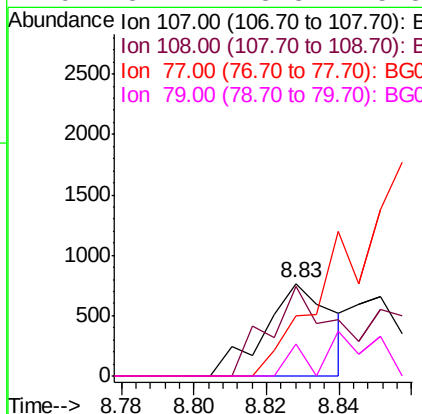
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2018

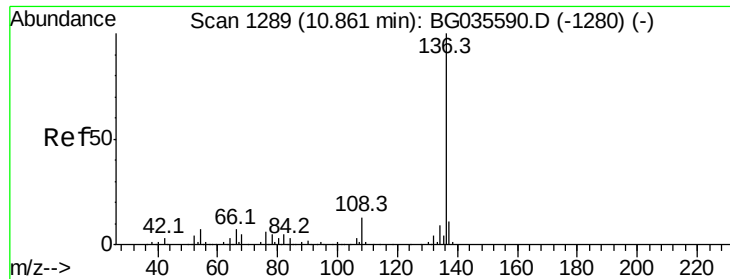
Tot Ion:	70	Resp:	1856
Ion	Ratio	Lower	Upper
70	100		
42	39.7	49.1	73.7#
101	0.0	8.5	12.7#
130	20.8	13.4	20.0#



#20
3+4-Methylphenols
Concen: 0.282 ng
RT: 8.83 min Scan# 943
Delta R.T. 0.03 min
Lab File: BG035869.D
Acq: 25 Jul 2018 11:57

Tgt Ion:	107	Resp:	991
Ion	Ratio	Lower	Upper
107	100		
108	96.5	61.6	101.6
77	65.4	13.9	53.9#
79	34.1	8.8	48.8

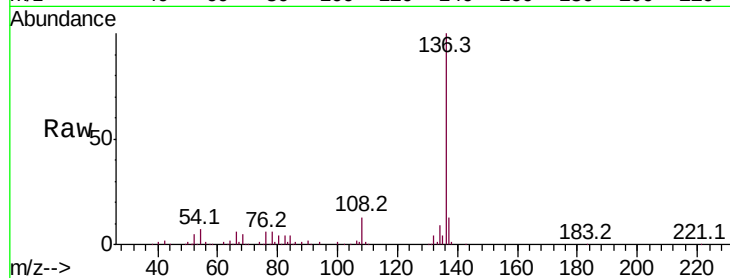




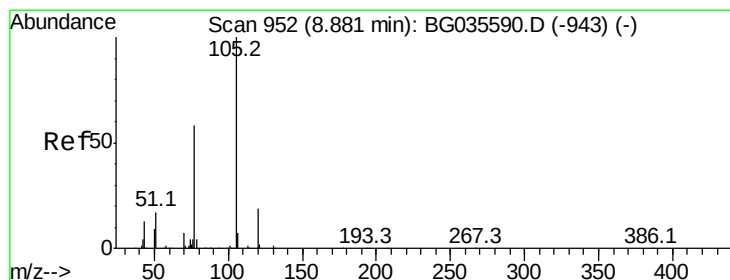
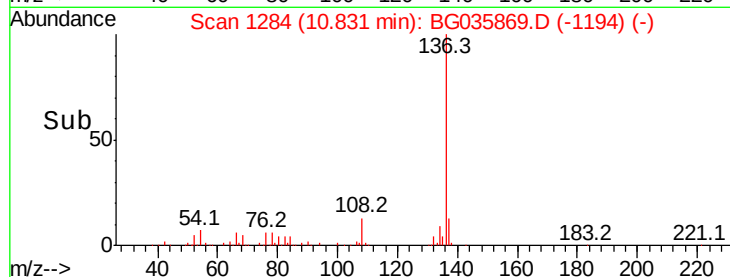
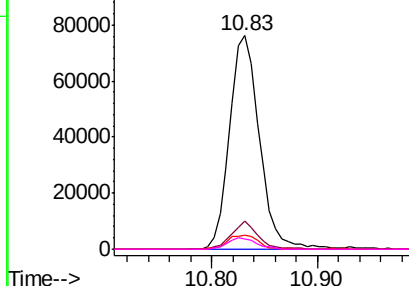
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BG035869.D
Acq: 25 Jul 2018 11:57

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

Tot Ion:136	Resp:	148722
Ion Ratio	Lower	Upper
136	100	
137	13.1	9.2 13.8
54	6.5	10.3 15.5#
68	4.6	4.5 6.7

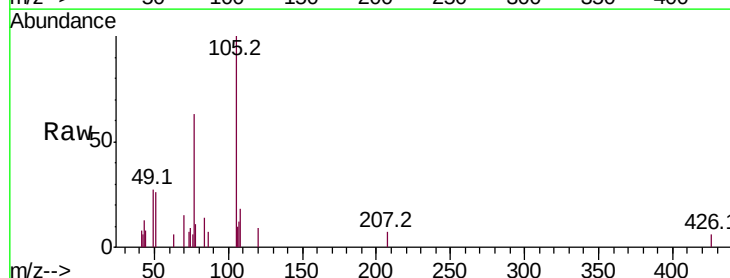


Abundance Ion 136.00 (135.70 to 136.70): E
120000
Ion 137.00 (136.70 to 137.70): E
100000
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

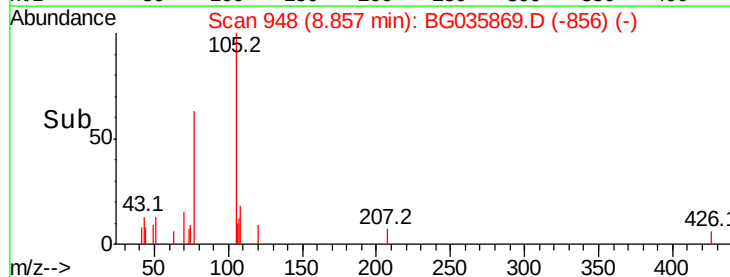
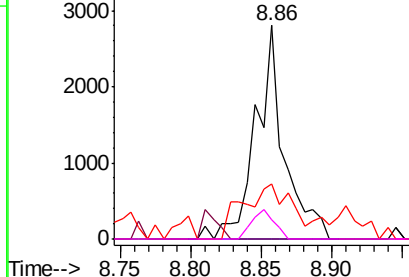


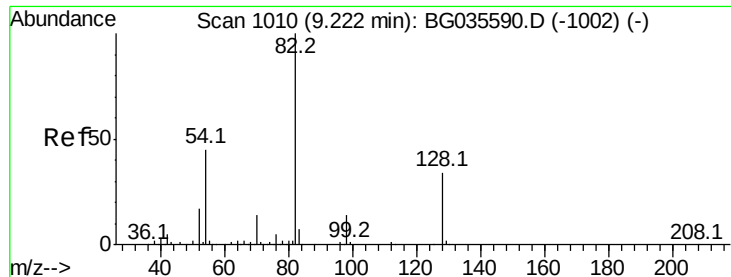
#22
Acetophenone
Concen: 0.860 ng
RT: 8.86 min Scan# 948
Delta R.T. 0.01 min
Lab File: BG035869.D
Acq: 25 Jul 2018 11:57

Tgt Ion:105	Resp:	3978
Ion Ratio	Lower	Upper
105	100	
71	0.0	3.0 4.4#
51	25.7	26.1 39.1#
120	9.2	17.4 26.2#



Abundance Ion 105.00 (104.70 to 105.70): E
4000
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

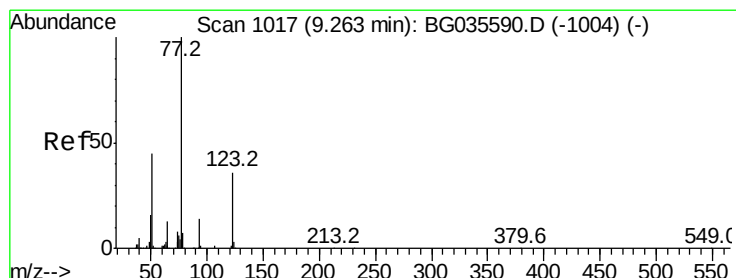
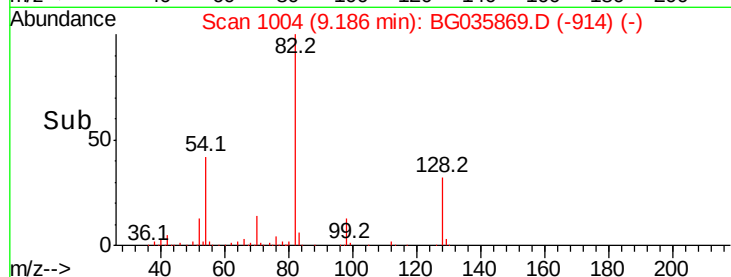
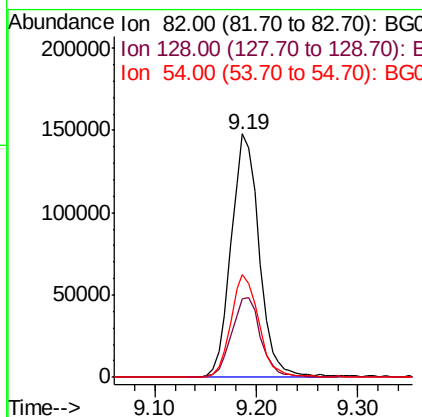
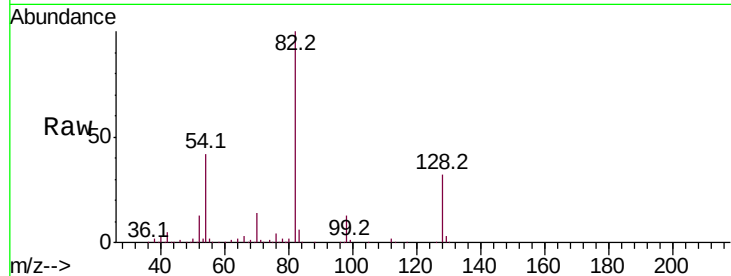




#23
Nitrobenzene-d5
Concen: 80.176 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG035869.D
Acq: 25 Jul 2018 11:57

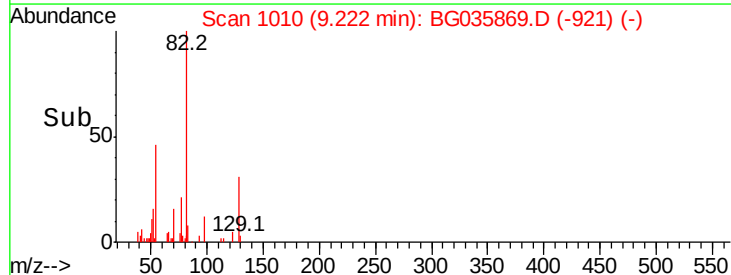
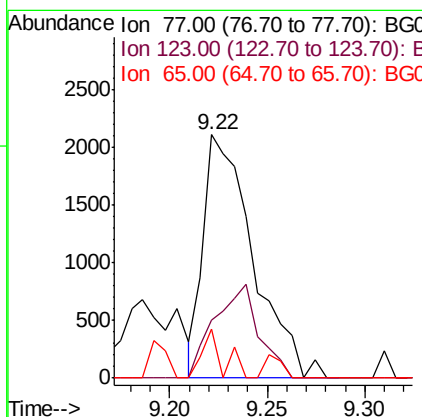
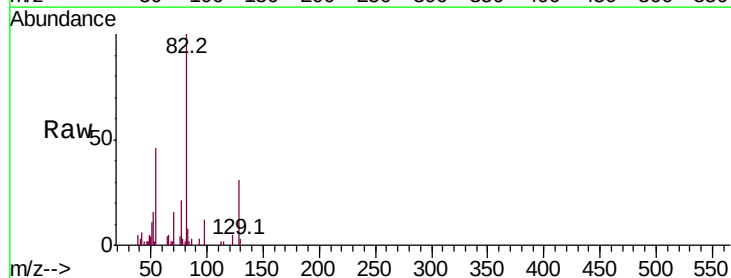
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2018

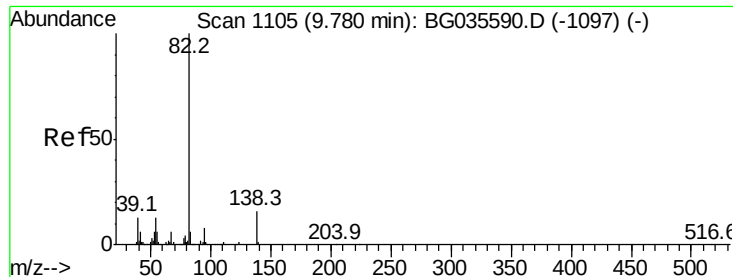
Tot Ion: 82 Resp: 285433
Ion Ratio Lower Upper
82 100
128 32.5 29.7 44.5
54 42.2 43.1 64.7#



#24
Nitrobenzene
Concen: 1.041 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BG035869.D
Acq: 25 Jul 2018 11:57

Tgt Ion: 77 Resp: 3728
Ion Ratio Lower Upper
77 100
123 23.6 33.0 49.6#
65 19.9 13.0 19.6#





#25

Isophorone

Concen: 0.885 ng

RT: 9.76 min Scan# 1101

Delta R.T. 0.00 min

Lab File: BG035869.D

Acq: 25 Jul 2018 11:57

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2018

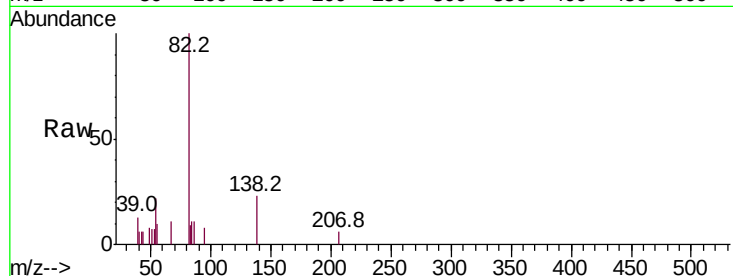
Tot Ion: 82 Resp: 5848

Ion Ratio Lower Upper

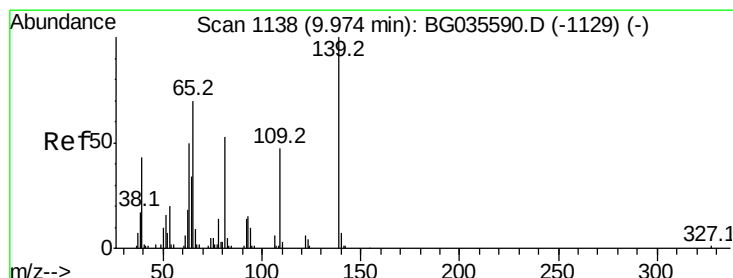
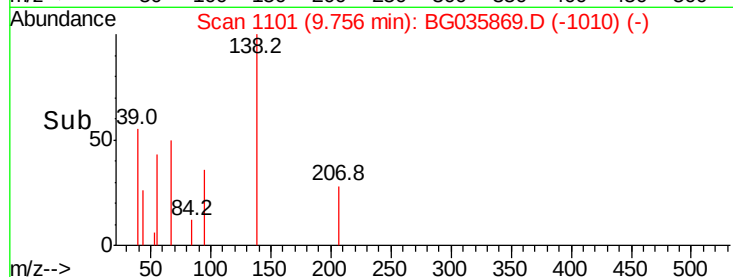
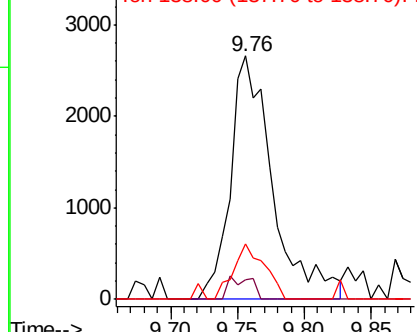
82 100

95 8.3 6.2 9.2

138 22.8 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: 0.750 ng

RT: 9.96 min Scan# 1136

Delta R.T. 0.02 min

Lab File: BG035869.D

Acq: 25 Jul 2018 11:57

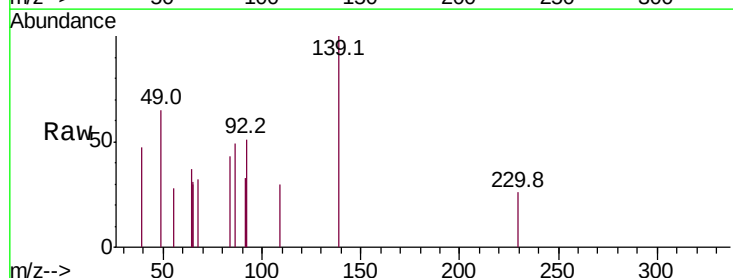
Tgt Ion: 139 Resp: 954

Ion Ratio Lower Upper

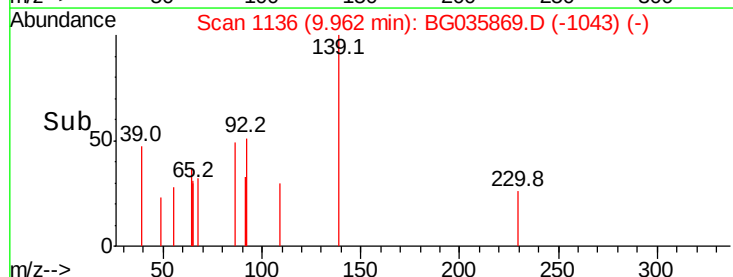
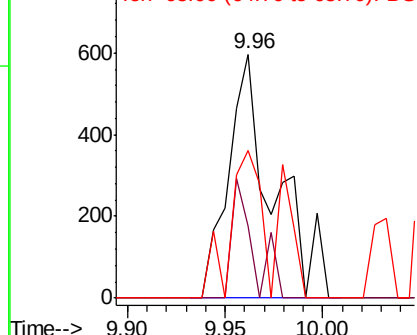
139 100

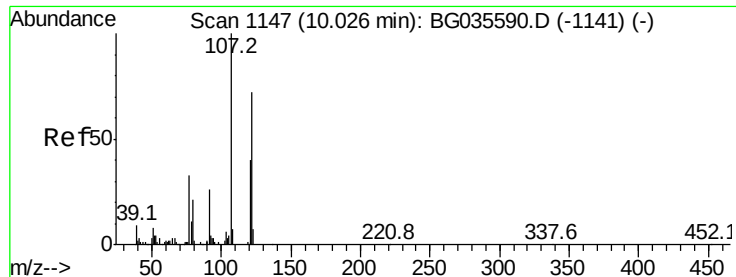
109 29.7 24.2 36.2

65 60.4 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: 0.032 ng

RT: 10.00 min Scan# 1142

Delta R.T. -0.00 min

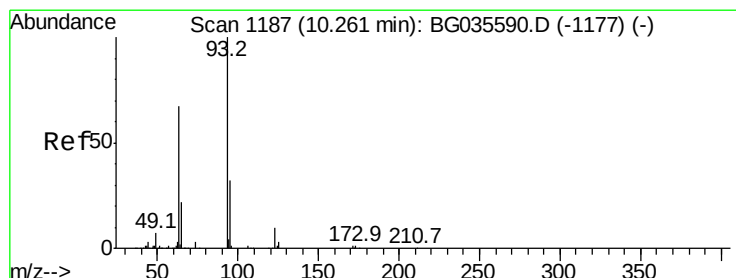
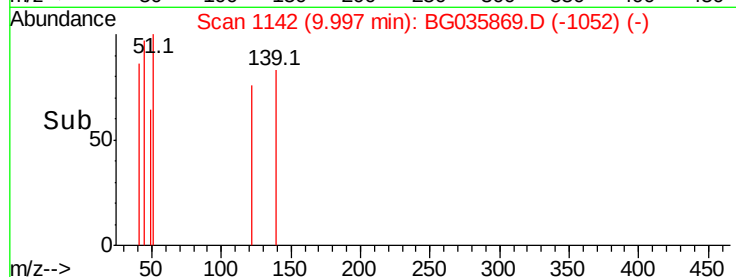
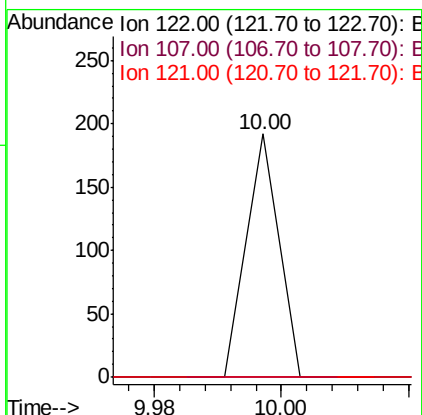
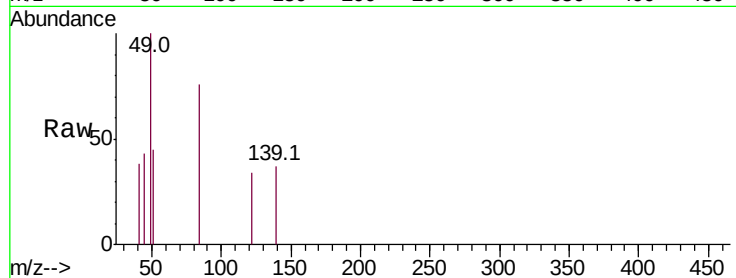
Lab File: BG035869.D

Acq: 25 Jul 2018 11:57

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

Tot Ion:122 Resp: 68

Ion	Ratio	Lower	Upper
122	100		
107	0.0	100.2	150.2#
121	0.0	44.4	66.6#



#28

bis(2-Chloroethoxy)methane

Concen: 0.601 ng

RT: 10.28 min Scan# 1191

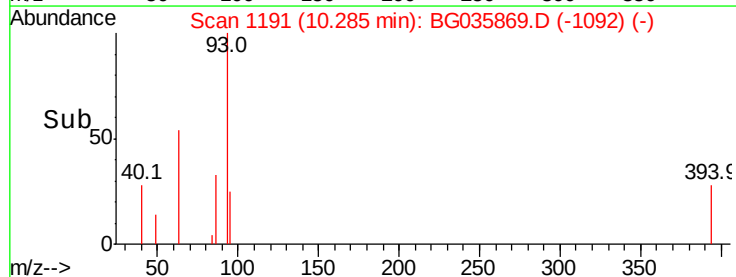
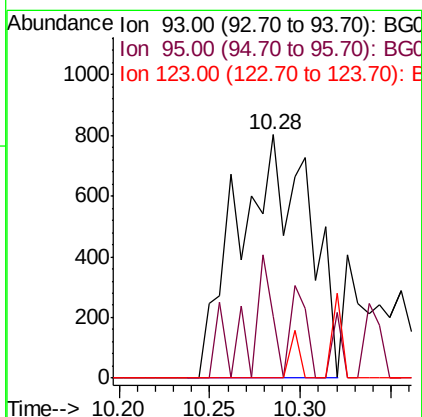
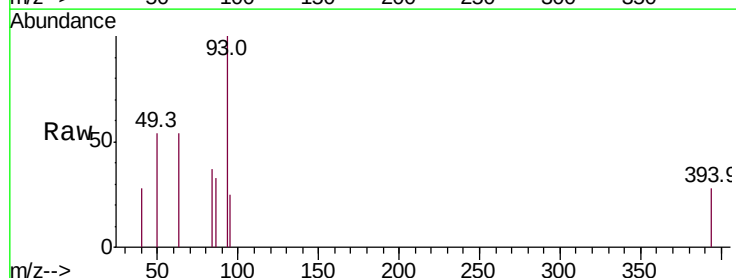
Delta R.T. 0.05 min

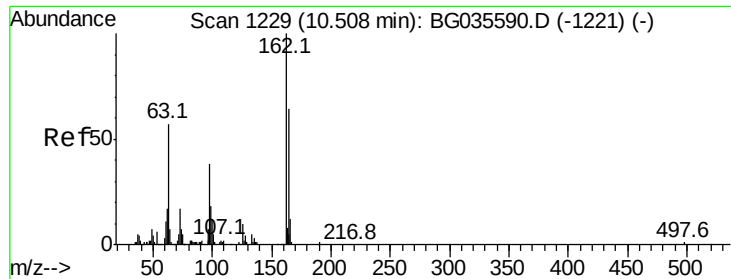
Lab File: BG035869.D

Acq: 25 Jul 2018 11:57

Tgt Ion: 93 Resp: 2188

Ion	Ratio	Lower	Upper
93	100		
95	25.4	24.3	36.5
123	0.0	8.4	12.6#





#29

2,4-Dichlorophenol

Concen: 0.025 ng

RT: 10.54 min Scan# 1234

Delta R.T. 0.06 min

Lab File: BG035869.D

Acq: 25 Jul 2018 11:57

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2018

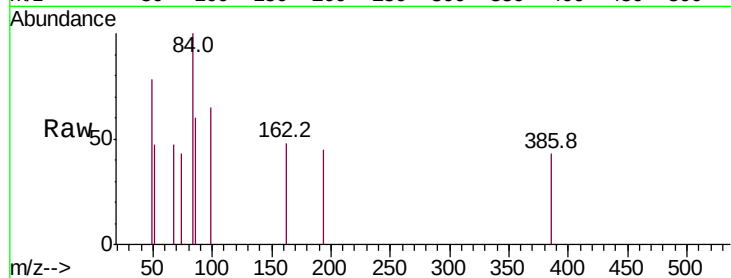
Tot Ion:162 Resp: 61

Ion Ratio Lower Upper

162 100

164 0.0 48.0 88.0#

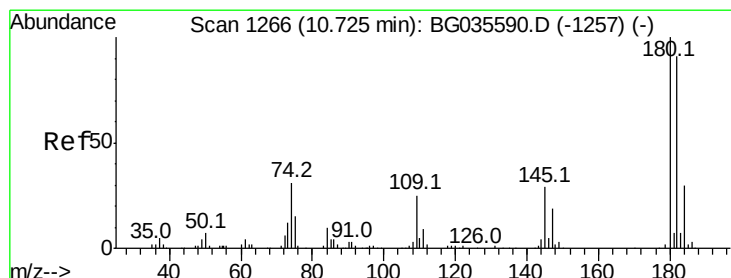
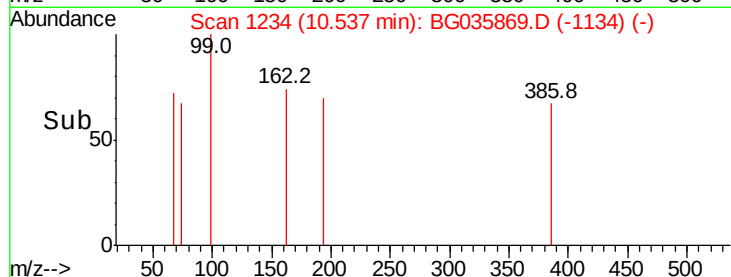
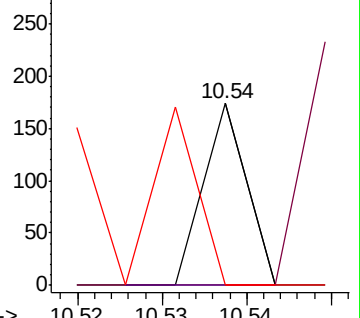
98 0.0 21.1 61.1#



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 0.882 ng

RT: 10.70 min Scan# 1261

Delta R.T. 0.00 min

Lab File: BG035869.D

Acq: 25 Jul 2018 11:57

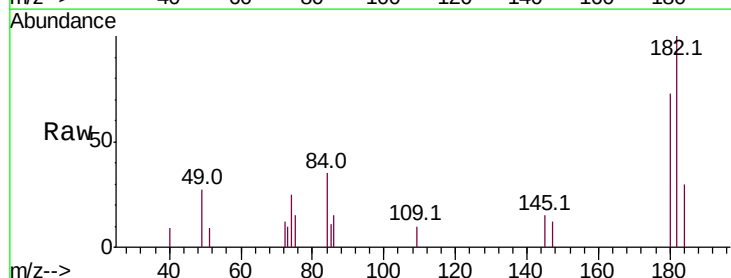
Tgt Ion:180 Resp: 2656

Ion Ratio Lower Upper

180 100

182 136.6 77.5 116.3#

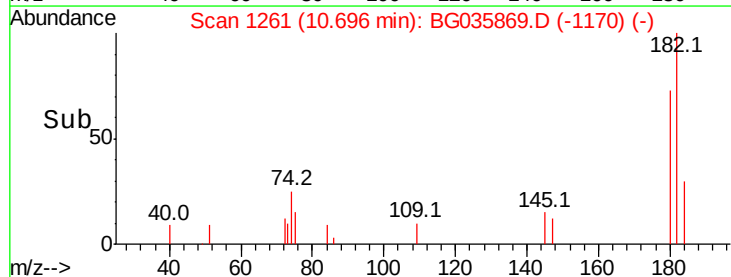
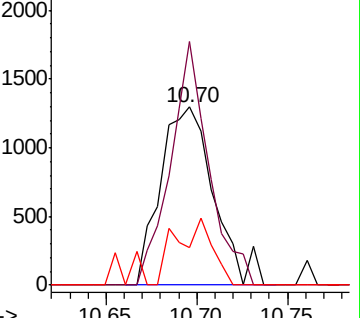
145 21.0 23.4 35.2#

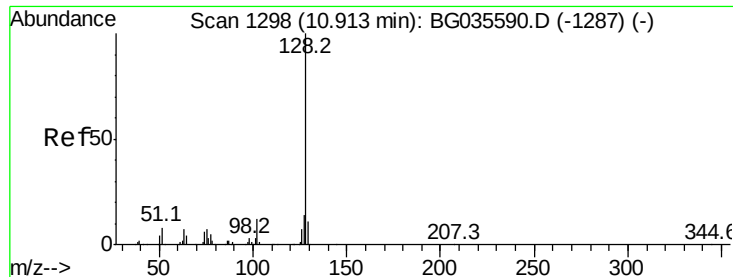


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

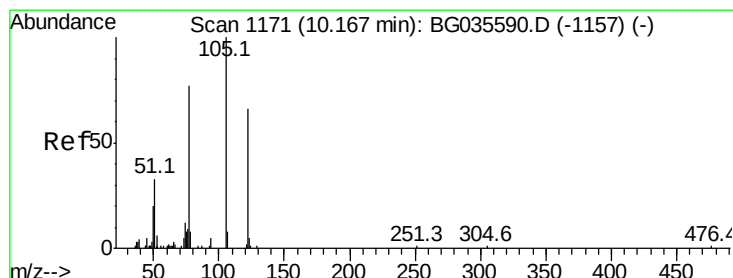
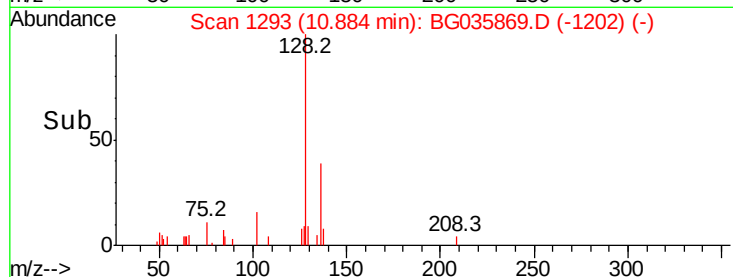
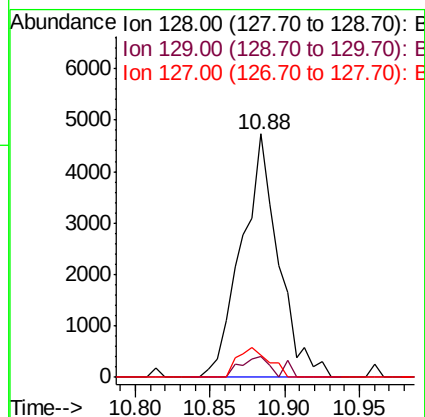
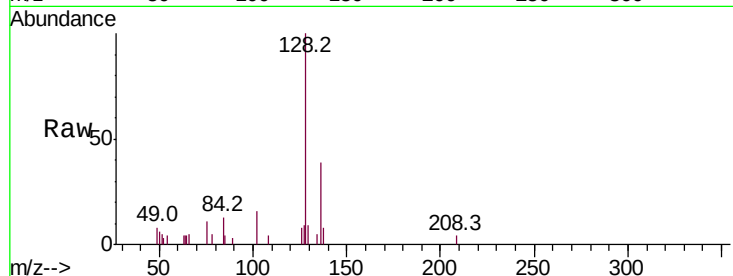




#31
Naphthalene
Concen: 1.048 ng
RT: 10.88 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BG035869.D
Acq: 25 Jul 2018 11:57

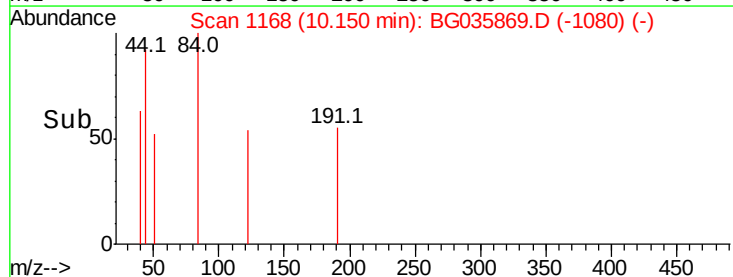
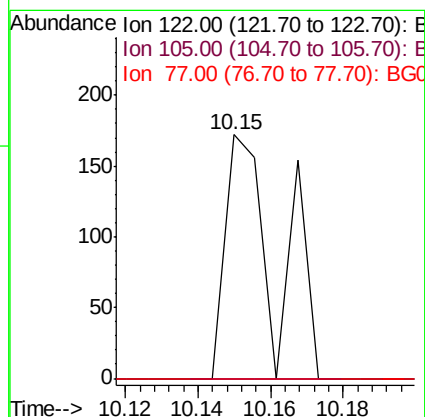
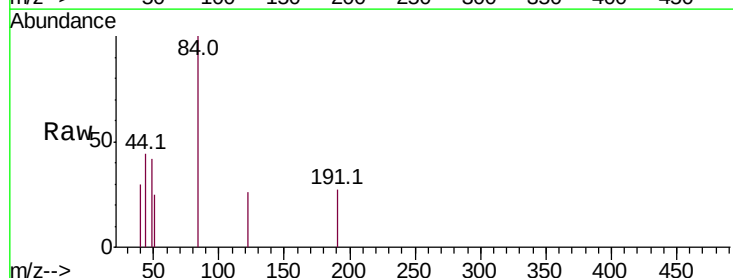
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2018

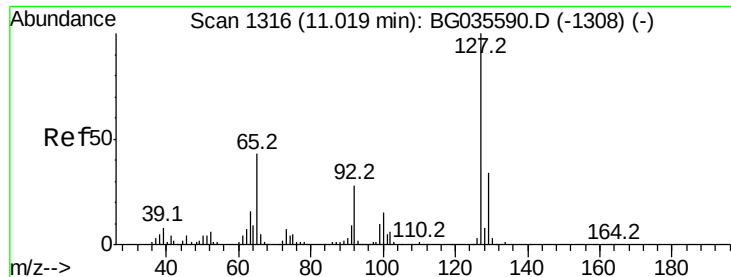
Tot Ion:128 Resp: 8116
Ion Ratio Lower Upper
128 100
129 8.8 8.6 12.8
127 9.3 11.6 17.4#



#32
Benzoic acid
Concen: 0.117 ng
RT: 10.15 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BG035869.D
Acq: 25 Jul 2018 11:57

Tgt Ion:122 Resp: 170
Ion Ratio Lower Upper
122 100
105 0.0 123.5 163.5#
77 0.0 85.7 125.7#

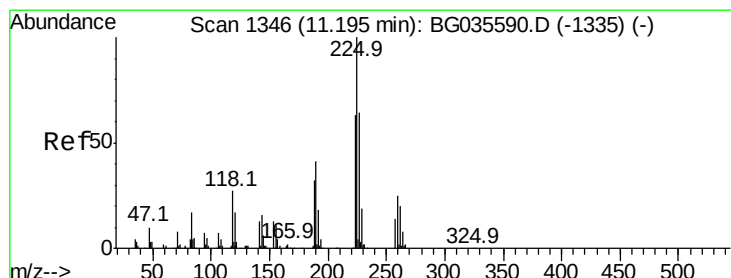
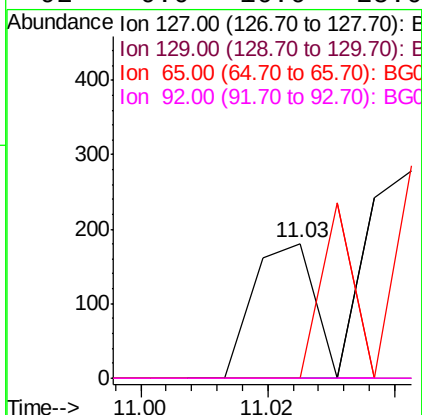
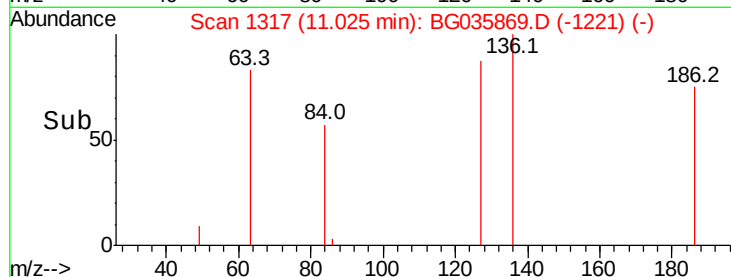
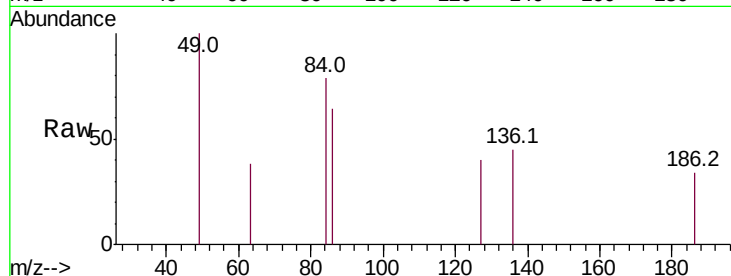




#33
4-Chloroaniline
Concen: 0.036 ng
RT: 11.03 min Scan# 1317
Delta R.T. 0.03 min
Lab File: BG035869.D
Acq: 25 Jul 2018 11:57

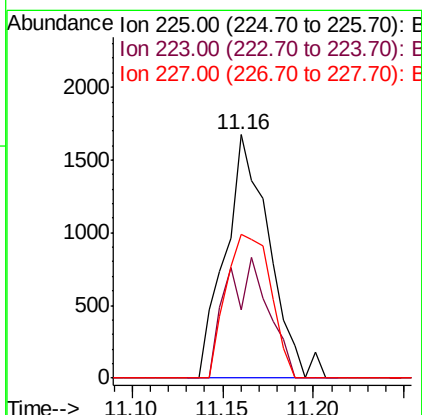
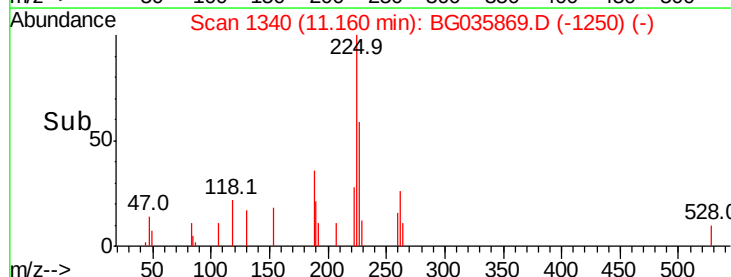
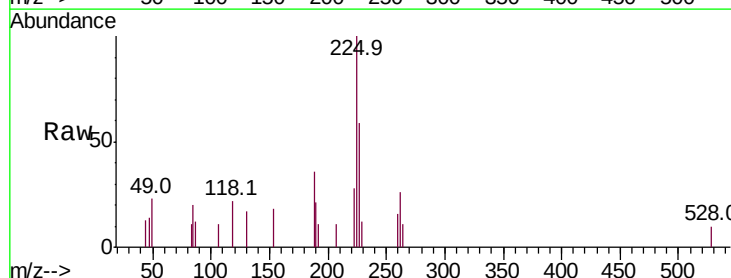
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2018

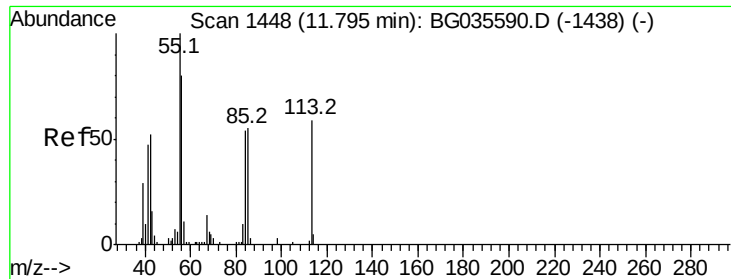
Tot Ion:127 Resp: 120
Ion Ratio Lower Upper
127 100
129 0.0 24.0 36.0#
65 0.0 27.0 40.4#
92 0.0 16.6 25.0#



#34
Hexachlorobutadiene
Concen: 1.205 ng
RT: 11.16 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BG035869.D
Acq: 25 Jul 2018 11:57

Tgt Ion:225 Resp: 2832
Ion Ratio Lower Upper
225 100
223 28.1 49.7 74.5#
227 59.1 48.1 72.1





#35

Caprolactam

Concen: 0.051 ng

RT: 11.84 min Scan# 1455

Delta R.T. 0.06 min

Lab File: BG035869.D

Acq: 25 Jul 2018 11:57

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2018

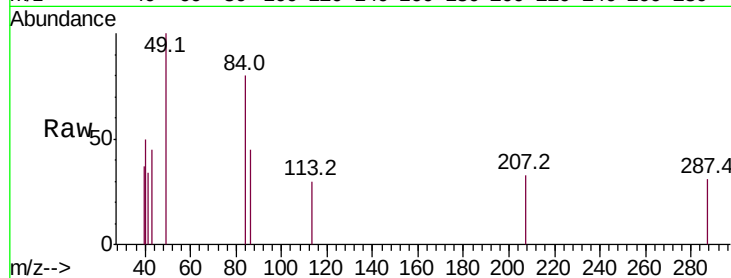
Tot Ion:113 Resp: 54

Ion Ratio Lower Upper

113 100

55 0.0 186.9 226.9#

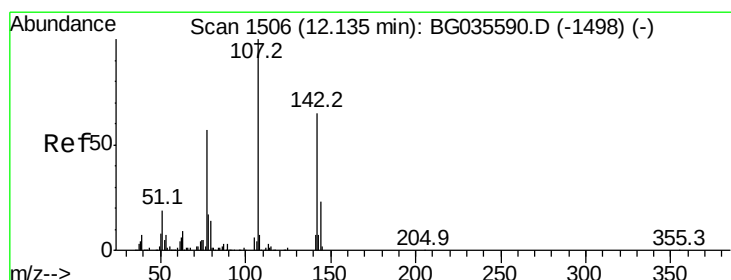
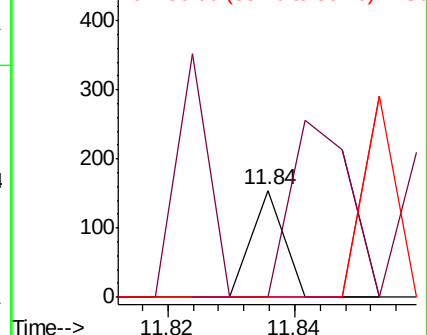
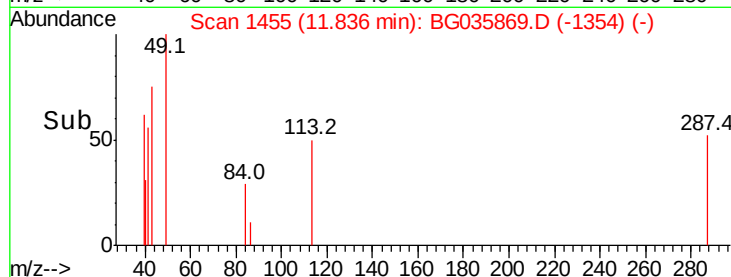
56 0.0 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 0.281 ng

RT: 12.15 min Scan# 1509

Delta R.T. 0.04 min

Lab File: BG035869.D

Acq: 25 Jul 2018 11:57

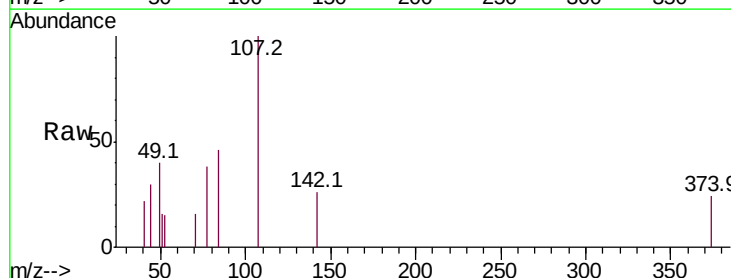
Tgt Ion:107 Resp: 926

Ion Ratio Lower Upper

107 100

144 0.0 18.2 27.4#

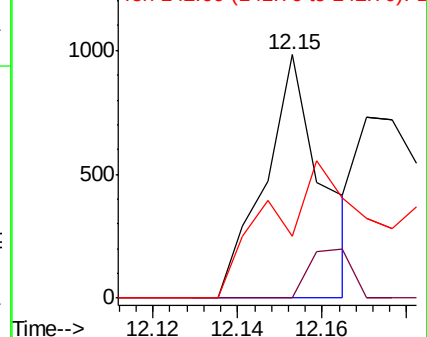
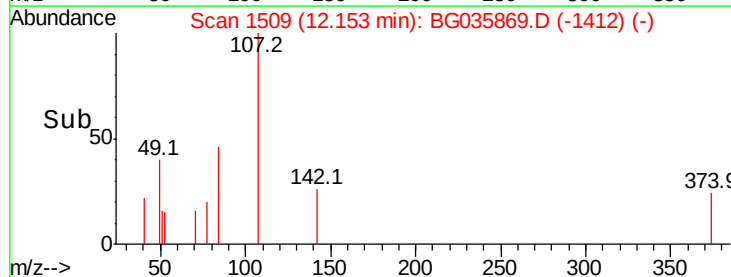
142 25.6 59.0 88.4#

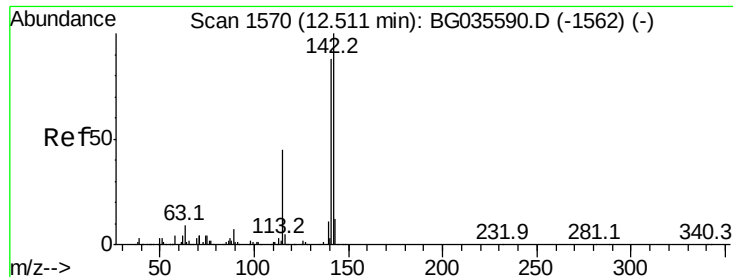


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 1.020 ng

RT: 12.50 min Scan# 1568

Delta R.T. 0.02 min

Lab File: BG035869.D

Acq: 25 Jul 2018 11:57

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2018

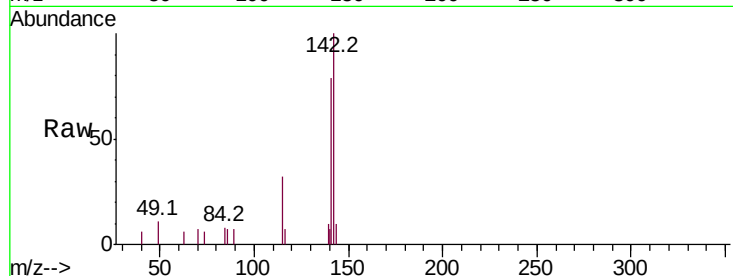
Tot Ion:142 Resp: 5889

Ion Ratio Lower Upper

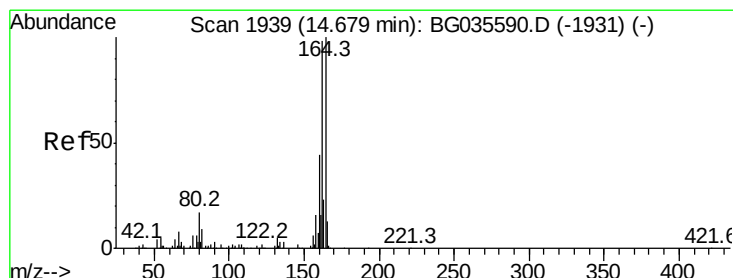
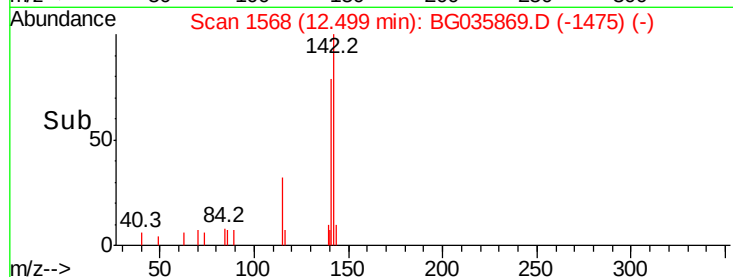
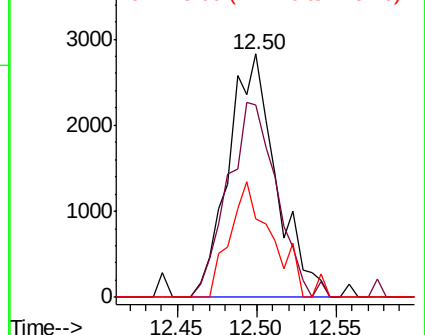
142 100

141 79.1 67.1 100.7

115 32.1 30.7 46.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1934

Delta R.T. -0.00 min

Lab File: BG035869.D

Acq: 25 Jul 2018 11:57

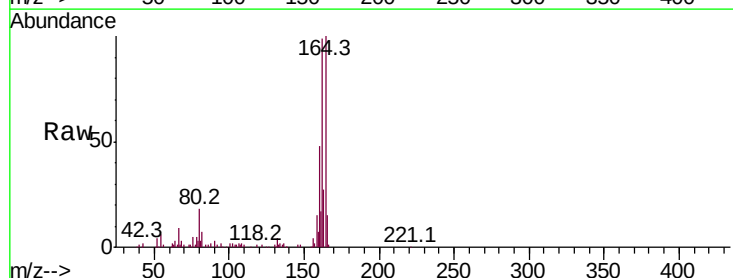
Tgt Ion:164 Resp: 104236

Ion Ratio Lower Upper

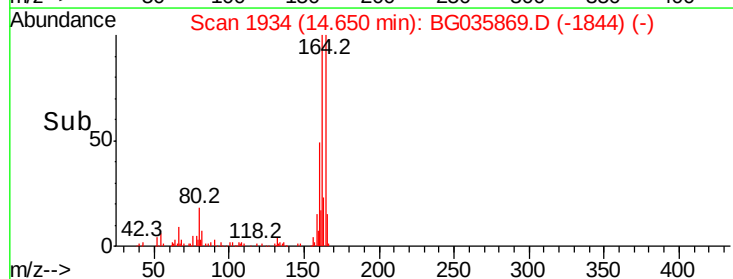
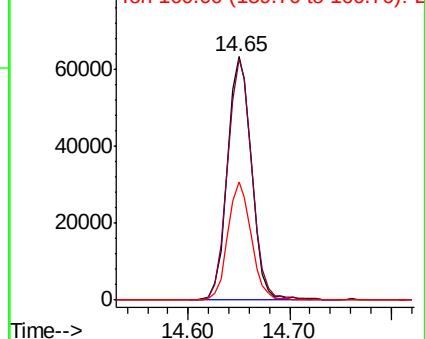
164 100

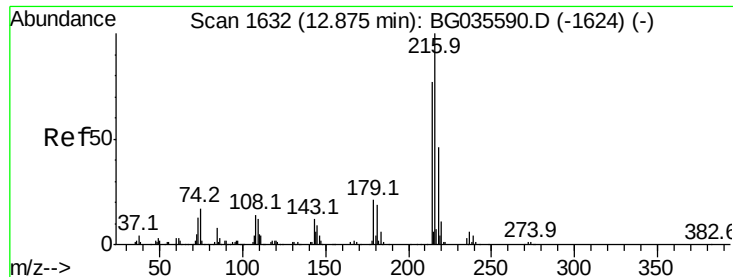
162 99.1 78.8 118.2

160 48.4 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

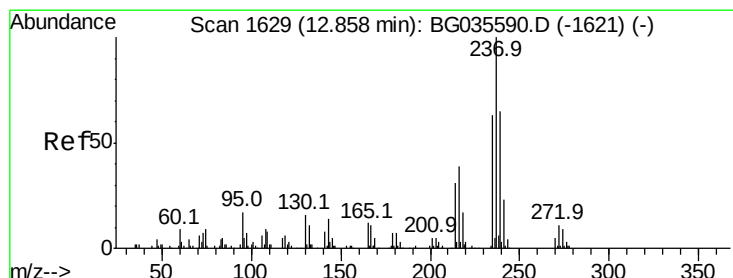
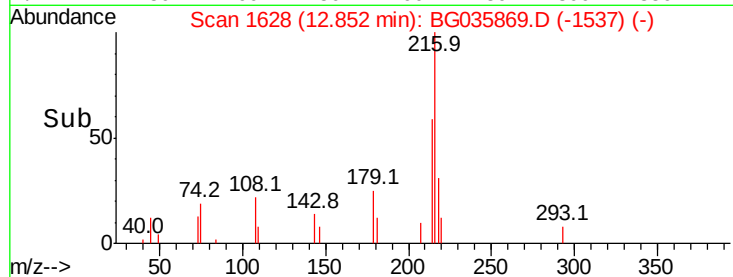
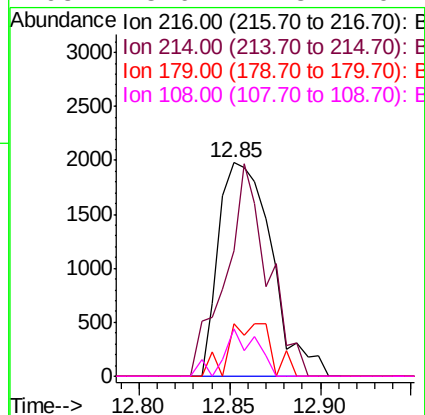
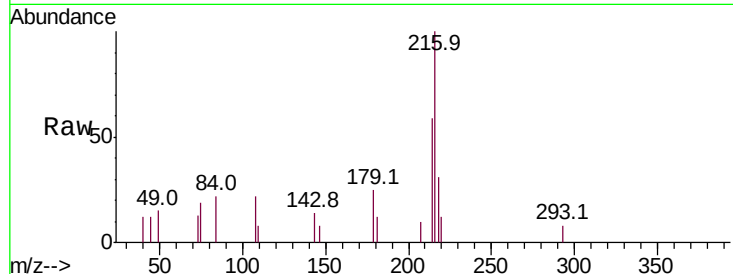




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 1.026 ng
 RT: 12.85 min Scan# 1628
 Delta R.T. 0.00 min
 Lab File: BG035869.D
 Acq: 25 Jul 2018 11:57

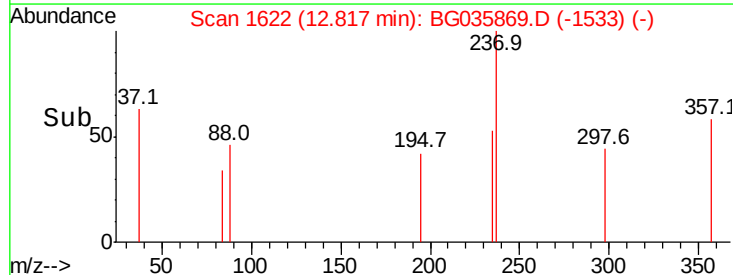
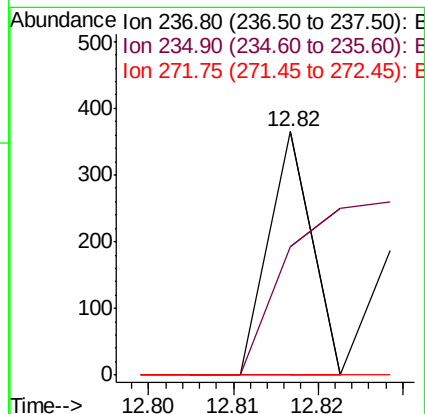
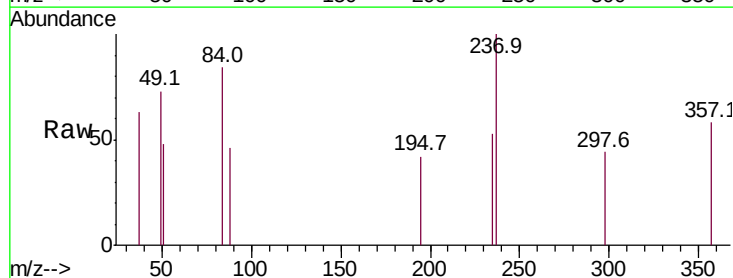
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT3-2018

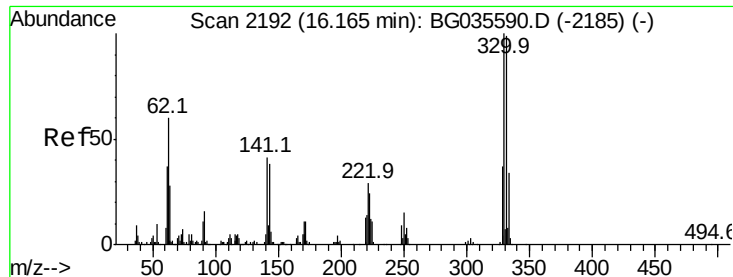
Tot Ion:	216	Resp:	4036
Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.0	94.4
179	20.3	17.0	25.6
108	13.6	12.8	19.2



#40
 Hexachlorocyclopentadiene
 Concen: 0.063 ng
 RT: 12.82 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BG035869.D
 Acq: 25 Jul 2018 11:57

Tgt Ion:	237	Resp:	129
Ion	Ratio	Lower	Upper
237	100		
235	52.9	50.4	90.4
272	0.0	0.0	31.8

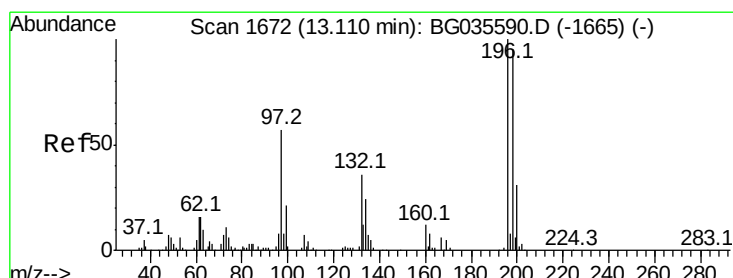
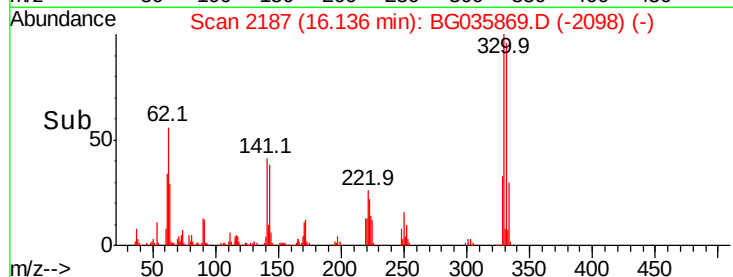
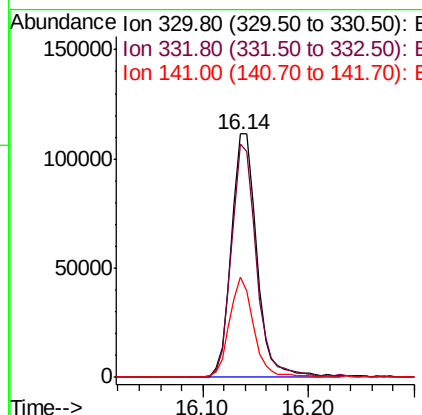
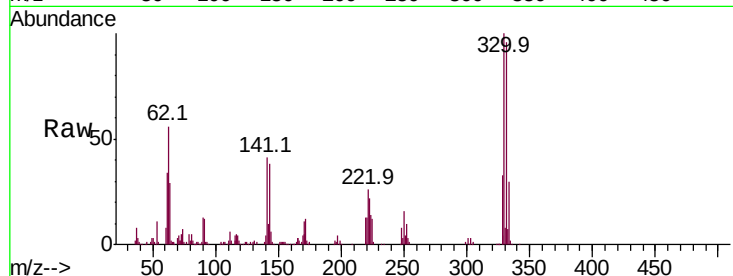




#41
 2,4,6-Tribromophenol
 Concen: 135.017 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG035869.D
 Acq: 25 Jul 2018 11:57

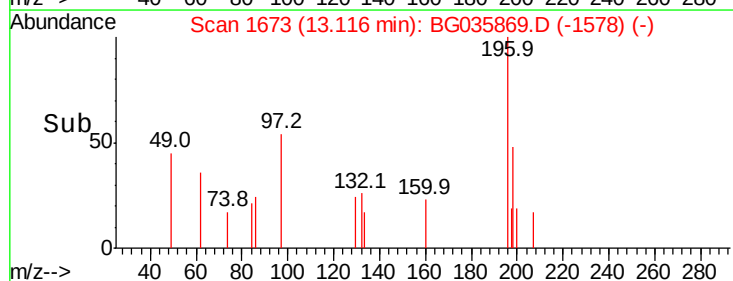
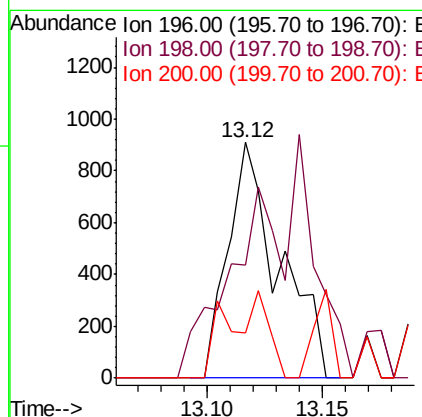
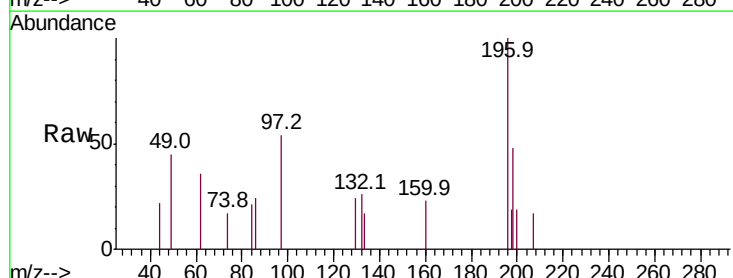
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT3-2018

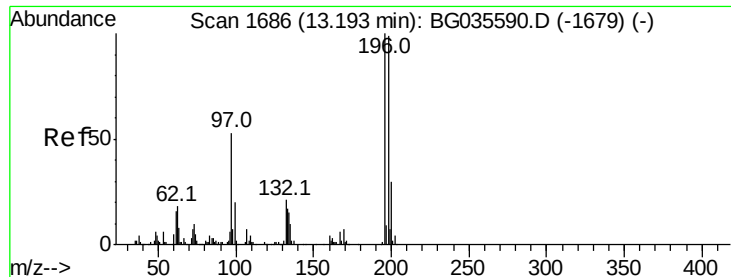
Tot Ion	Ratio	Lower	Upper
330	100		
332	93.9	77.0	115.6
141	39.3	25.2	37.8#



#42
 2,4,6-Trichlorophenol
 Concen: 0.609 ng
 RT: 13.12 min Scan# 1673
 Delta R.T. 0.03 min
 Lab File: BG035869.D
 Acq: 25 Jul 2018 11:57

Tgt Ion	Ratio	Lower	Upper
196	100		
198	48.2	78.2	117.2#
200	19.4	24.6	36.8#

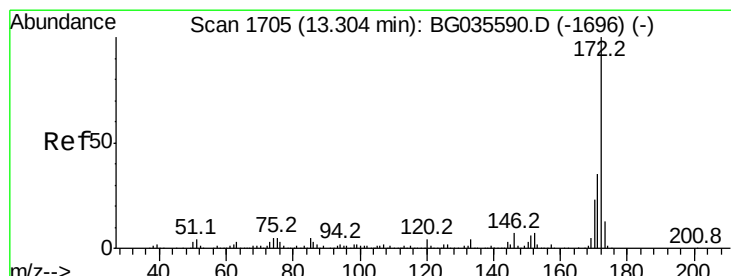
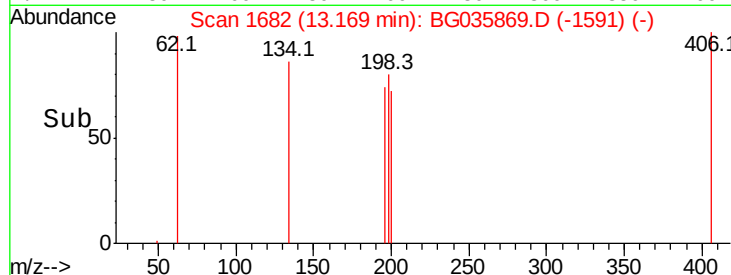
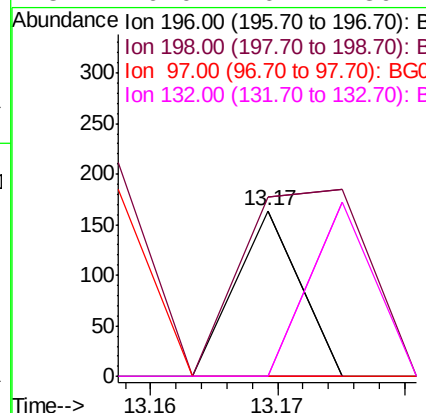
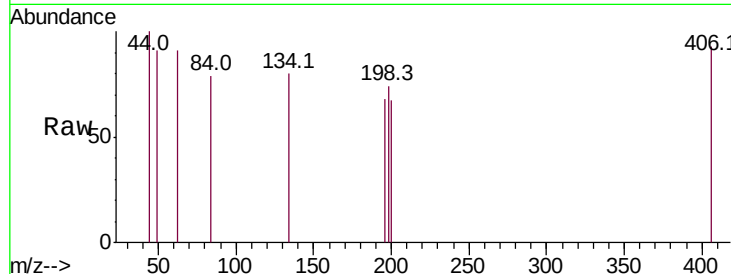




#43
 2,4,5-Trichlorophenol
 Concen: 0.023 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. 0.00 min
 Lab File: BG035869.D
 Acq: 25 Jul 2018 11:57

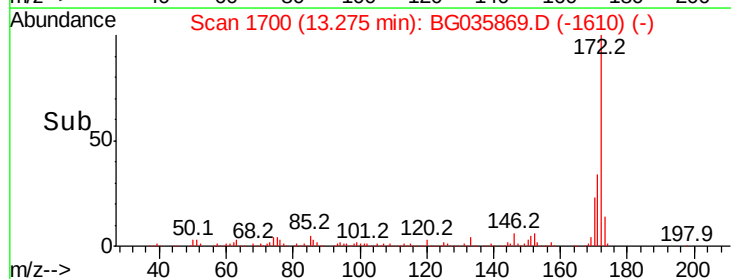
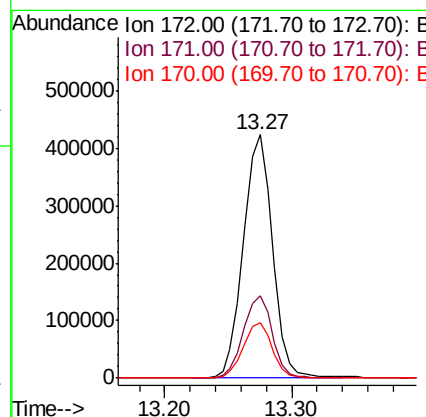
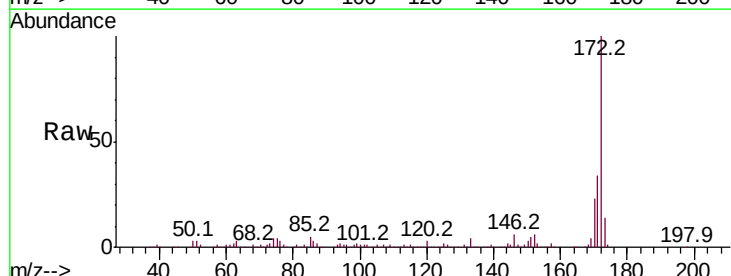
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT3-2018

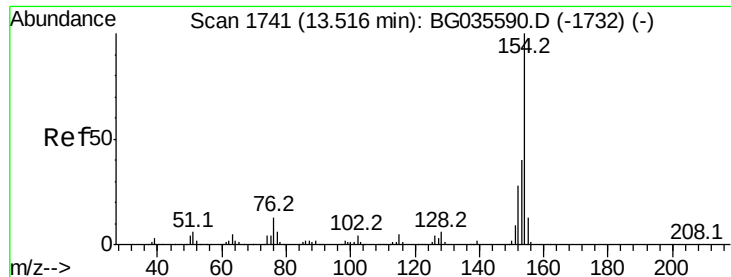
Tot Ion:196 Resp: 58
 Ion Ratio Lower Upper
 196 100
 198 108.5 76.2 114.4
 97 0.0 38.7 58.1#
 132 0.0 20.2 30.2#



#44
 2-Fluorobiphenyl
 Concen: 86.832 ng
 RT: 13.27 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: BG035869.D
 Acq: 25 Jul 2018 11:57

Tgt Ion:172 Resp: 675580
 Ion Ratio Lower Upper
 172 100
 171 33.8 30.0 45.0
 170 23.0 19.5 29.3

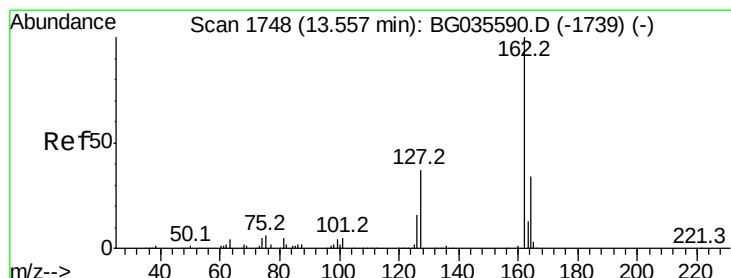
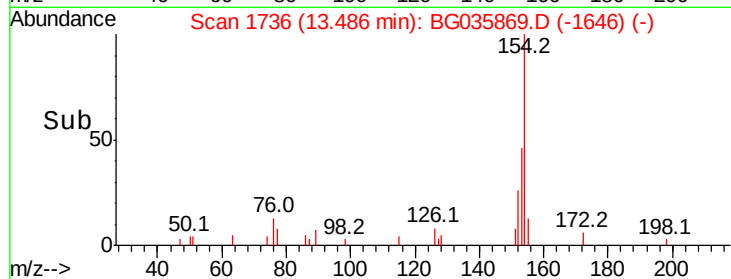
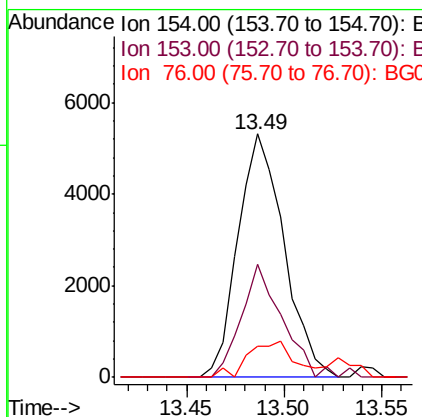
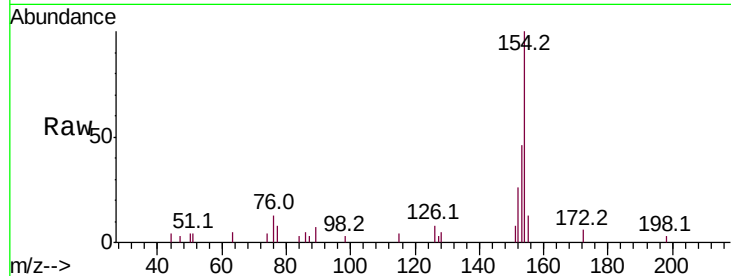




#45
 1,1'-Biphenyl
 Concen: 1.072 ng
 RT: 13.49 min Scan# 1736
 Delta R.T. -0.00 min
 Lab File: BG035869.D
 Acq: 25 Jul 2018 11:57

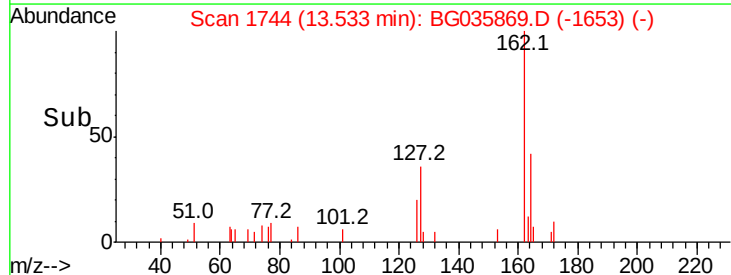
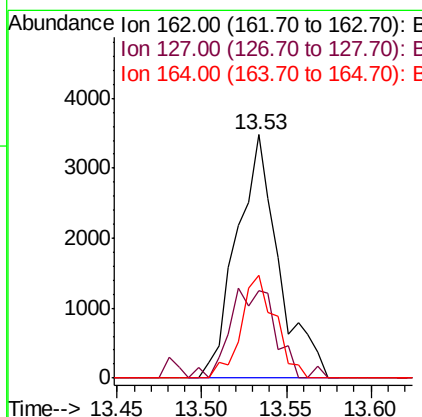
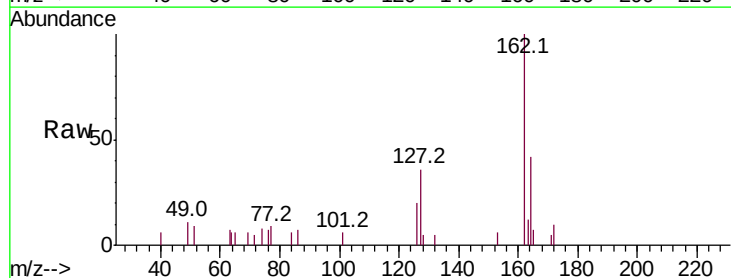
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT3-2018

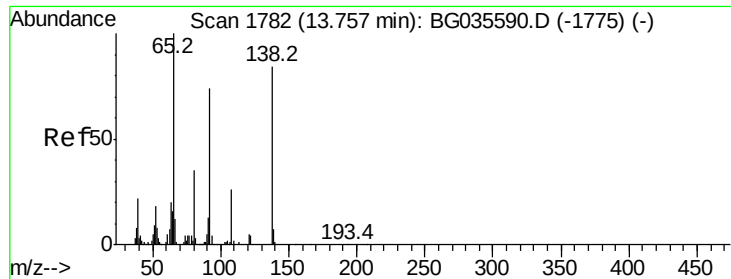
Tot Ion:154 Resp: 8661
 Ion Ratio Lower Upper
 154 100
 153 46.5 19.8 59.8
 76 12.9 0.0 31.9



#46
 2-Chloronaphthalene
 Concen: 0.963 ng
 RT: 13.53 min Scan# 1744
 Delta R.T. 0.00 min
 Lab File: BG035869.D
 Acq: 25 Jul 2018 11:57

Tgt Ion:162 Resp: 6056
 Ion Ratio Lower Upper
 162 100
 127 36.1 30.7 46.1
 164 42.0 26.0 39.0#





#47

2-Nitroaniline

Concen: 0.531 ng

RT: 13.77 min Scan# 1785

Delta R.T. 0.04 min

Lab File: BG035869.D

Acq: 25 Jul 2018 11:57

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2018

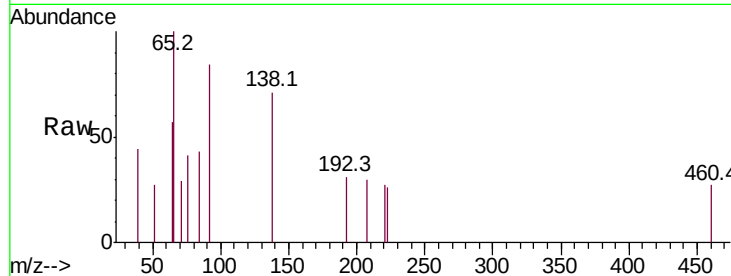
Tot Ion: 65 Resp: 1181

Ion Ratio Lower Upper

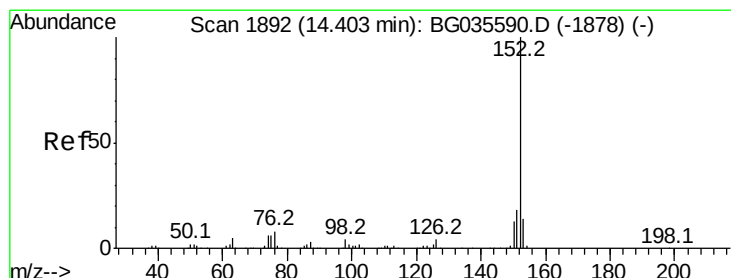
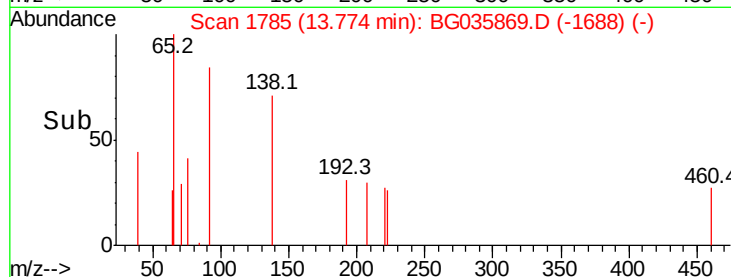
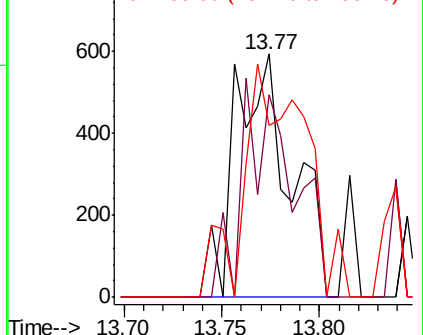
65 100

92 83.5 54.6 82.0#

138 70.5 72.9 109.3#



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#48

Acenaphthylene

Concen: 0.973 ng

RT: 14.38 min Scan# 1888

Delta R.T. 0.00 min

Lab File: BG035869.D

Acq: 25 Jul 2018 11:57

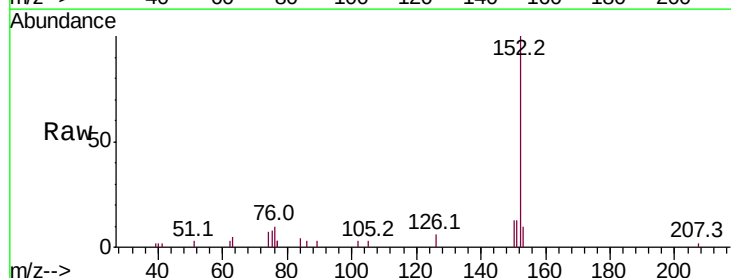
Tgt Ion: 152 Resp: 10247

Ion Ratio Lower Upper

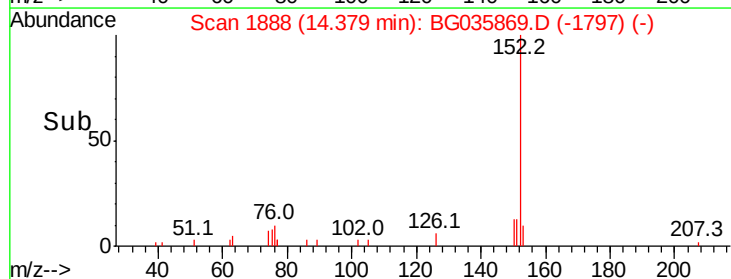
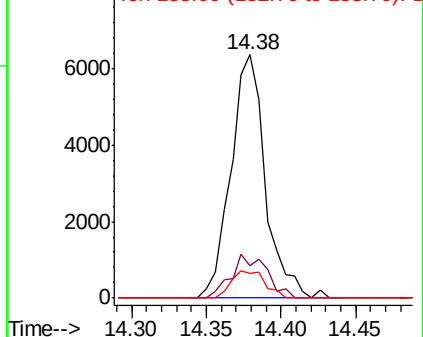
152 100

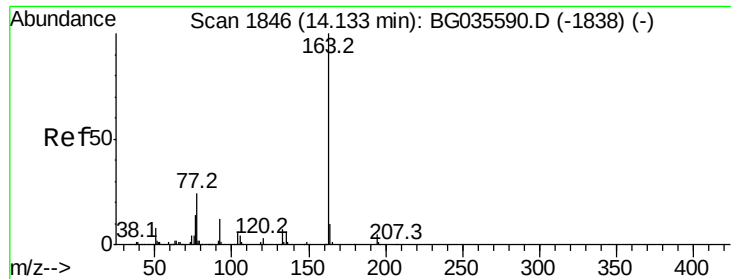
151 13.2 17.2 25.8#

153 10.2 10.2 15.4#



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC





#49

Dimethylphthalate

Concen: 0.810 ng

RT: 14.11 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BG035869.D

Acq: 25 Jul 2018 11:57

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2018

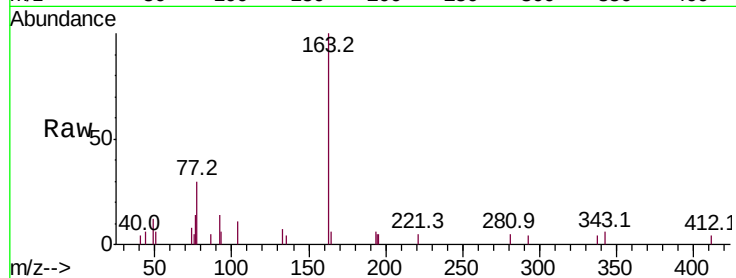
Tot Ion:163 Resp: 7396

Ion Ratio Lower Upper

163 100

194 10.5 3.4 5.2#

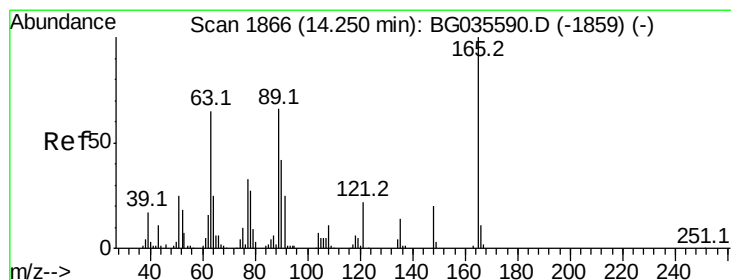
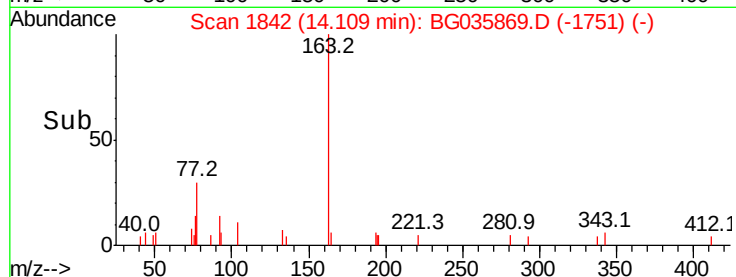
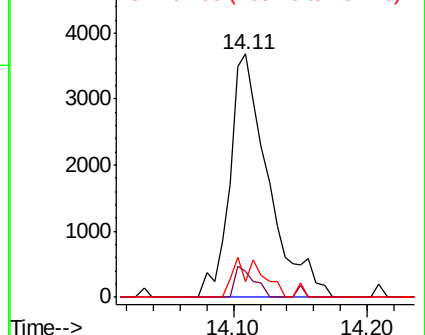
164 6.2 8.2 12.4#



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: 0.878 ng

RT: 14.23 min Scan# 1862

Delta R.T. -0.00 min

Lab File: BG035869.D

Acq: 25 Jul 2018 11:57

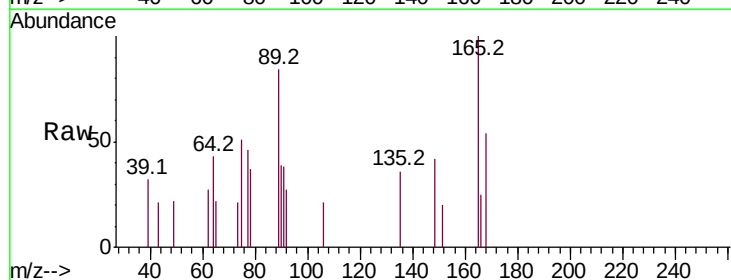
Tgt Ion:165 Resp: 1632

Ion Ratio Lower Upper

165 100

63 0.0 52.7 79.1#

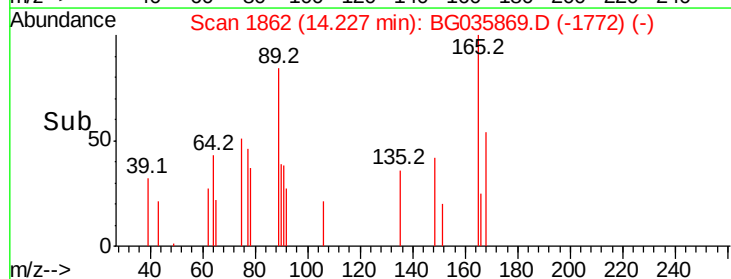
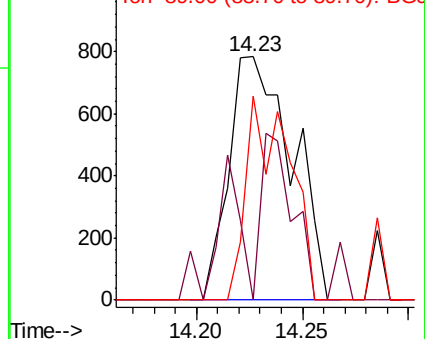
89 83.8 49.2 73.8#

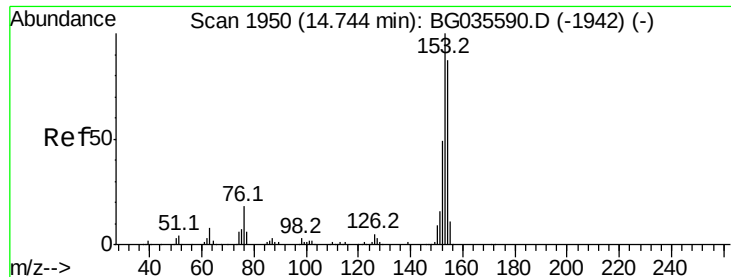


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 0.913 ng

RT: 14.71 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG035869.D

Acq: 25 Jul 2018 11:57

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2018

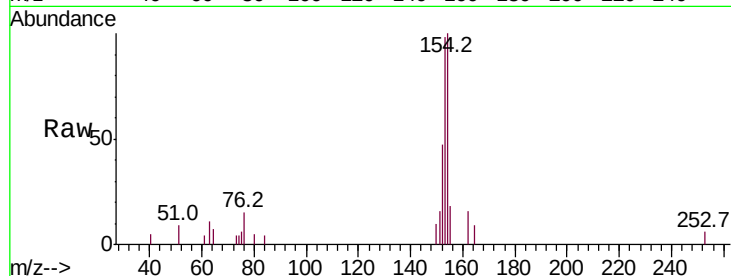
Tot Ion:154 Resp: 5987

Ion Ratio Lower Upper

154 100

153 97.9 90.4 135.6

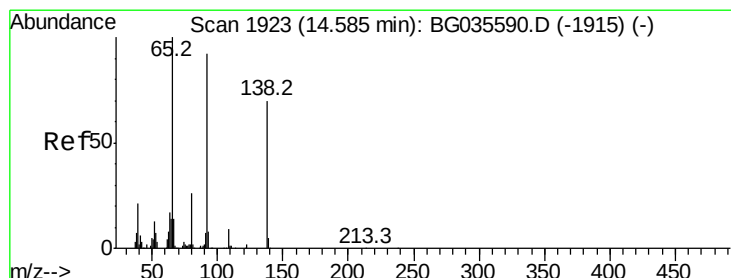
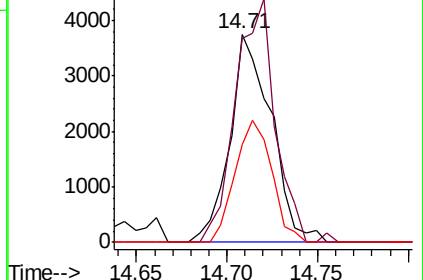
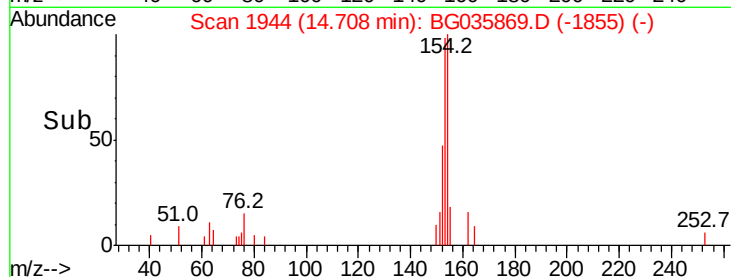
152 47.0 41.6 62.4



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: 0.042 ng

RT: 14.59 min Scan# 1924

Delta R.T. 0.03 min

Lab File: BG035869.D

Acq: 25 Jul 2018 11:57

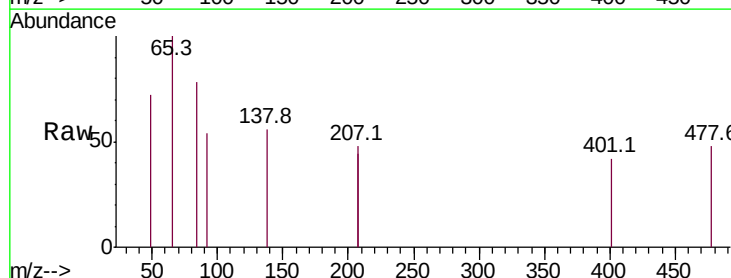
Tgt Ion:138 Resp: 80

Ion Ratio Lower Upper

138 100

108 0.0 17.5 26.3#

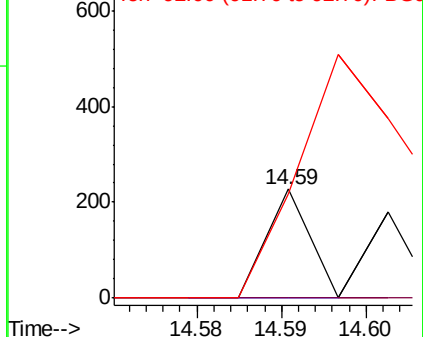
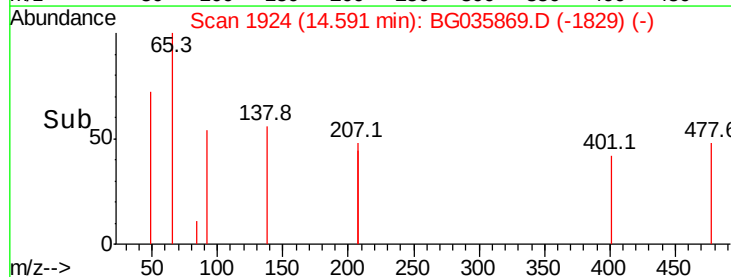
92 96.0 105.8 158.8#

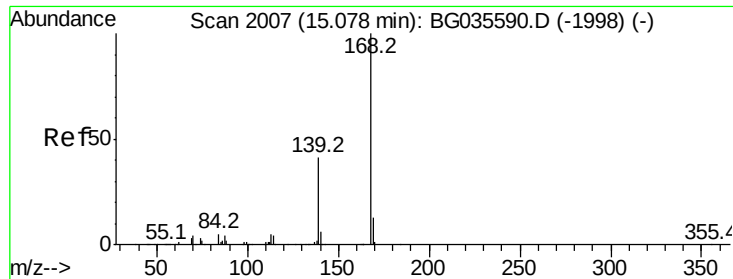


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#54

Dibenzofuran

Concen: 1.004 ng

RT: 15.05 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BG035869.D

Acq: 25 Jul 2018 11:57

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2018

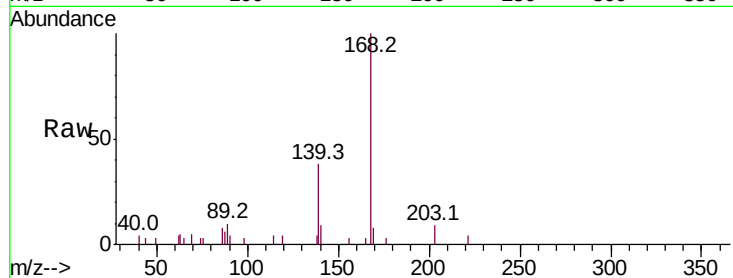
Tot Ion:168 Resp: 10477

Ion Ratio Lower Upper

168 100

139 37.8 28.6 43.0

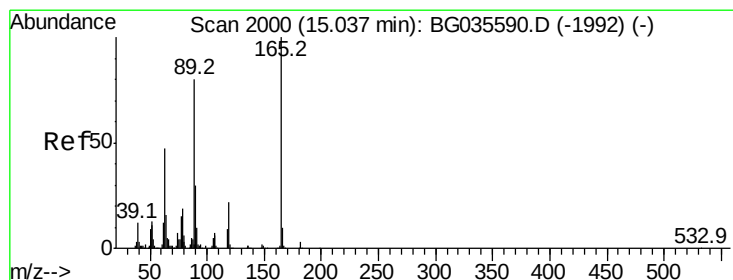
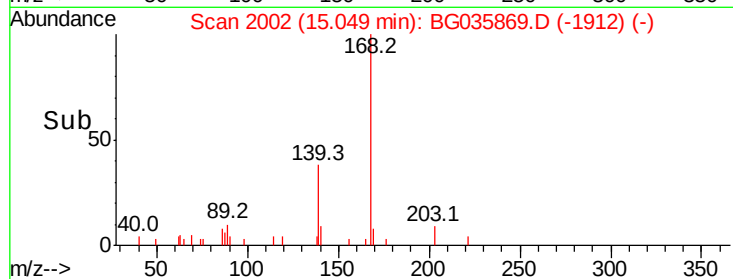
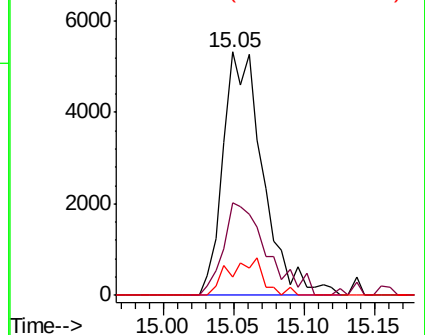
169 7.7 11.2 16.8#



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



#56

2,4-Dinitrotoluene

Concen: 0.659 ng

RT: 15.03 min Scan# 1999

Delta R.T. 0.02 min

Lab File: BG035869.D

Acq: 25 Jul 2018 11:57

Tgt Ion:165 Resp: 1758

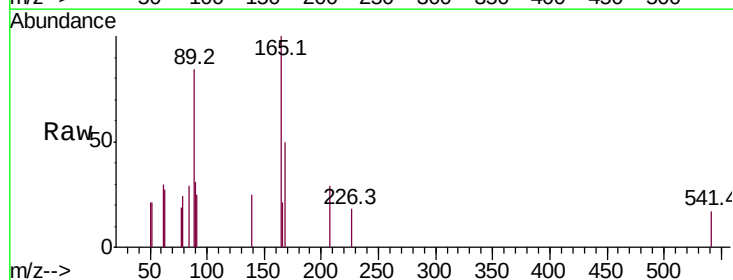
Ion Ratio Lower Upper

165 100

63 26.6 42.0 63.0#

89 83.5 66.9 100.3

182 0.0 2.6 3.8#

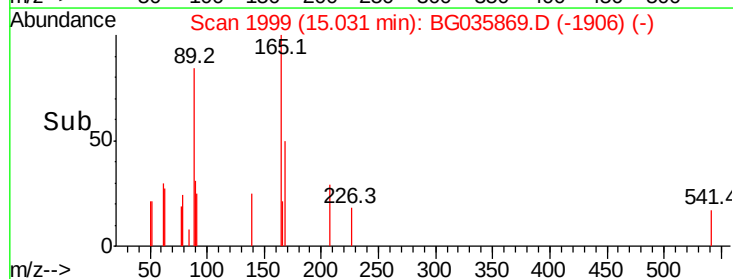
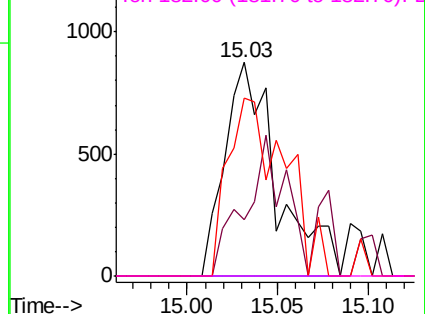


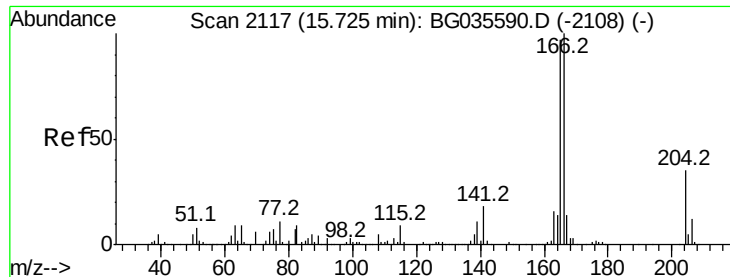
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

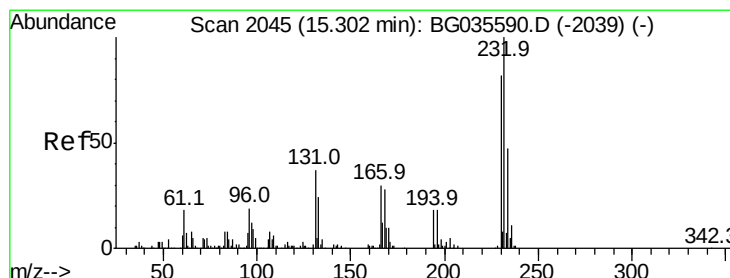
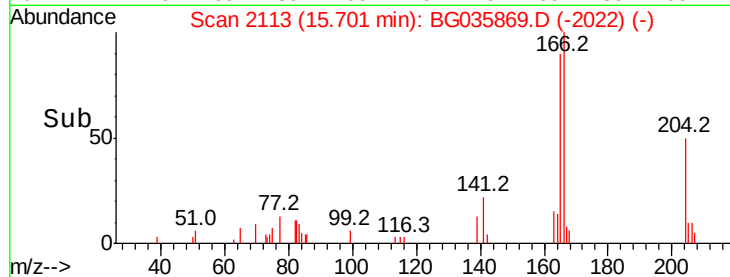
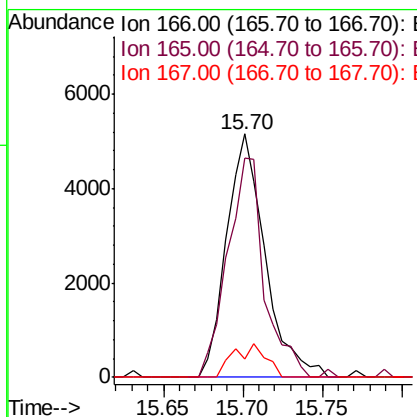
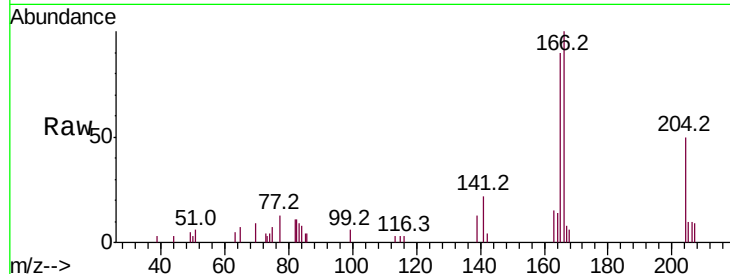




#57
 Fluorene
 Concen: 0.994 ng
 RT: 15.70 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: BG035869.D
 Acq: 25 Jul 2018 11:57

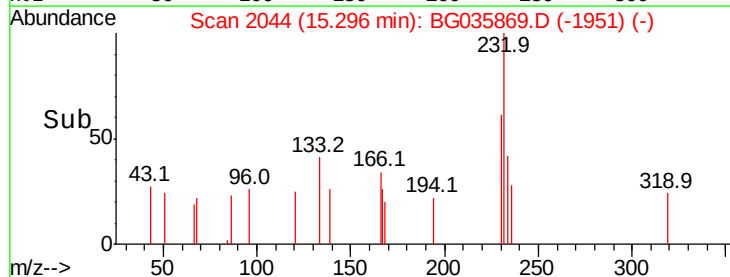
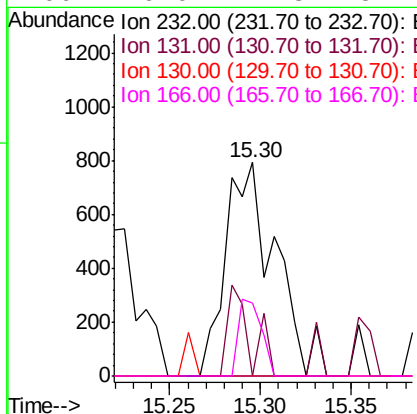
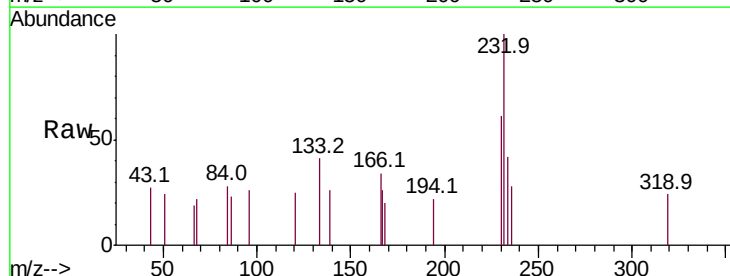
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT3-2018

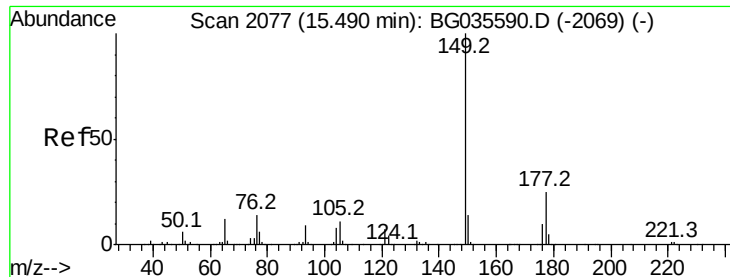
Tot Ion:166 Resp: 8690
 Ion Ratio Lower Upper
 166 100
 165 90.1 80.6 121.0
 167 7.7 10.4 15.6#



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 0.617 ng
 RT: 15.30 min Scan# 2044
 Delta R.T. 0.02 min
 Lab File: BG035869.D
 Acq: 25 Jul 2018 11:57

Tgt Ion:232 Resp: 1522
 Ion Ratio Lower Upper
 232 100
 131 19.3 33.5 50.3#
 130 0.0 2.2 3.2#
 166 0.0 24.8 37.2#

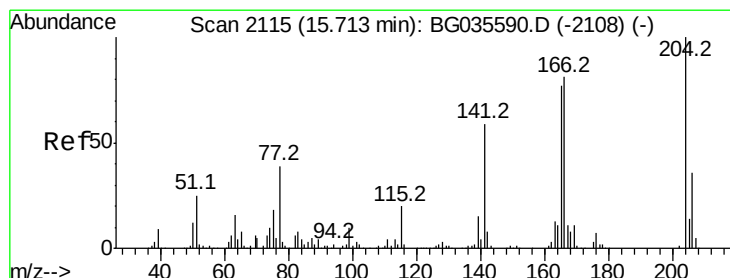
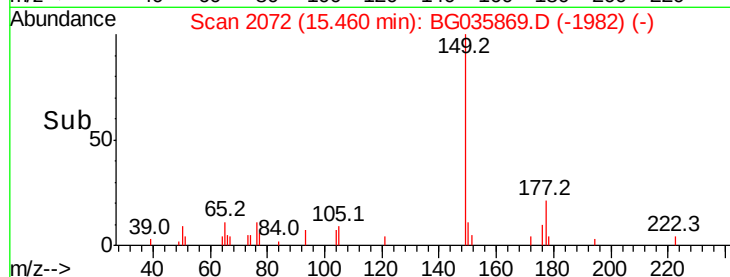
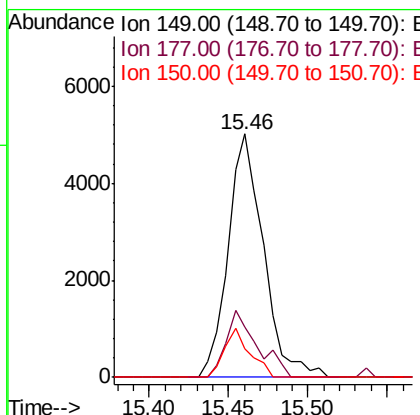
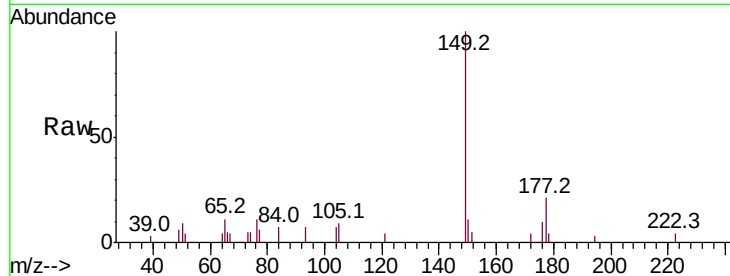




#59
Diethylphthalate
Concen: 0.824 ng
RT: 15.46 min Scan# 2072
Delta R.T. -0.00 min
Lab File: BG035869.D
Acq: 25 Jul 2018 11:57

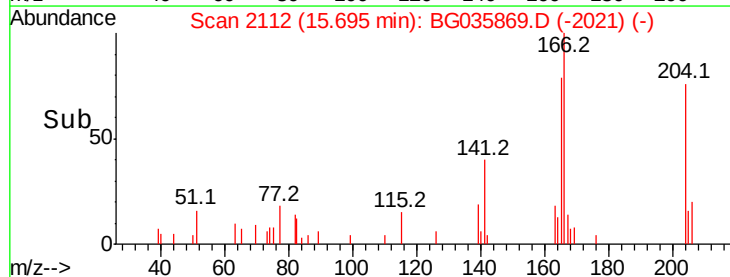
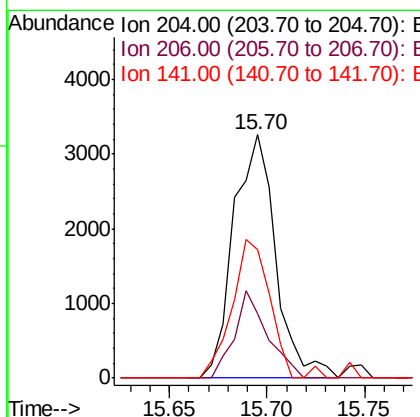
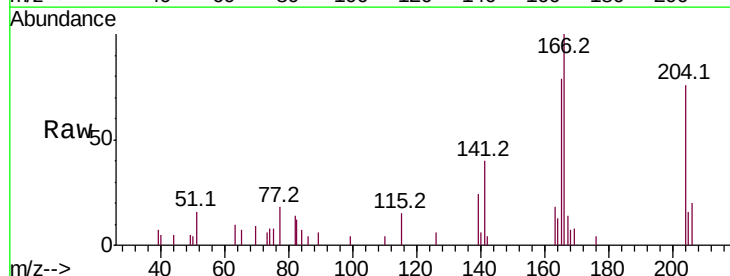
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2018

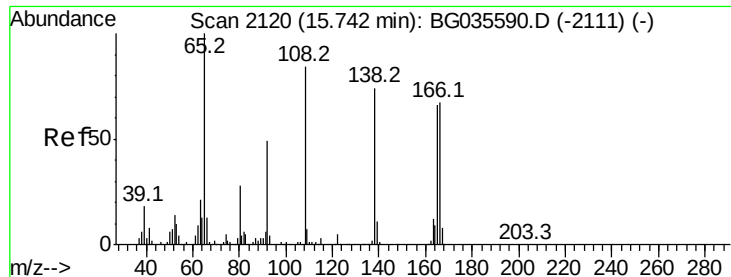
Tot Ion:149 Resp: 7741
Ion Ratio Lower Upper
149 100
177 20.8 18.5 27.7
150 11.5 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 0.945 ng
RT: 15.70 min Scan# 2112
Delta R.T. 0.00 min
Lab File: BG035869.D
Acq: 25 Jul 2018 11:57

Tgt Ion:204 Resp: 4855
Ion Ratio Lower Upper
204 100
206 26.3 26.2 39.2
141 53.0 45.8 68.6

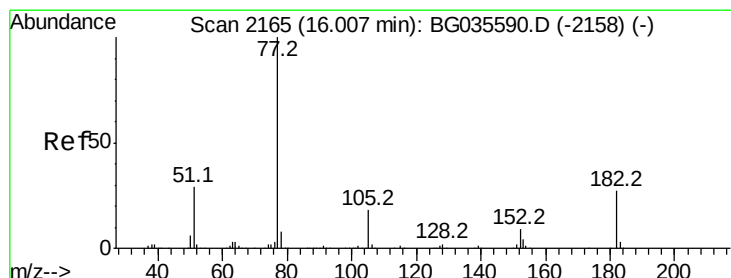
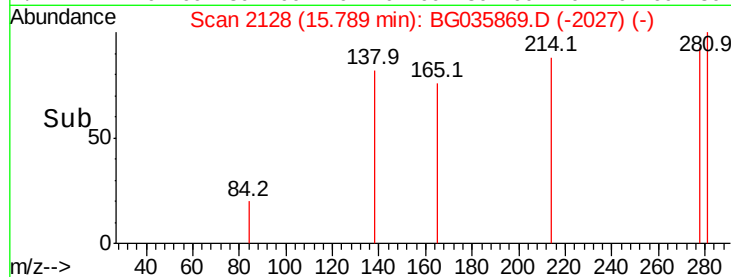
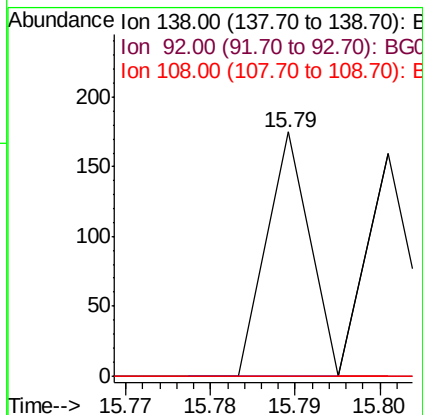
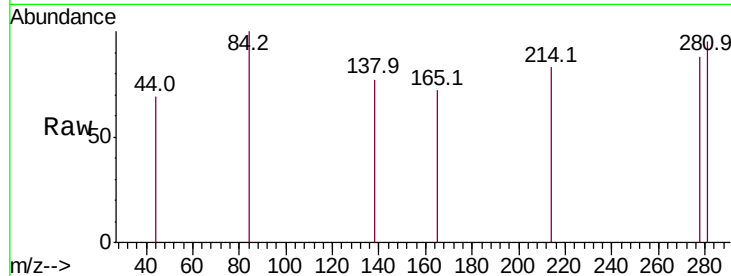




#61
4-Nitroaniline
Concen: 0.031 ng
RT: 15.79 min Scan# 2128
Delta R.T. 0.06 min
Lab File: BG035869.D
Acq: 25 Jul 2018 11:57

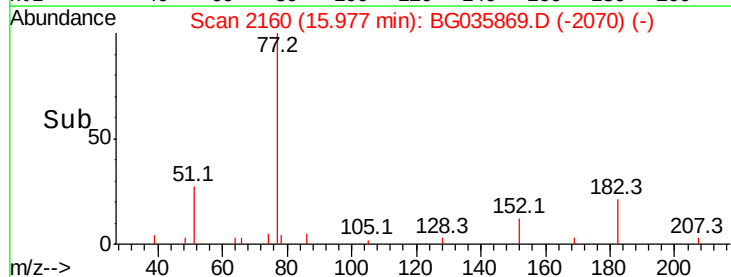
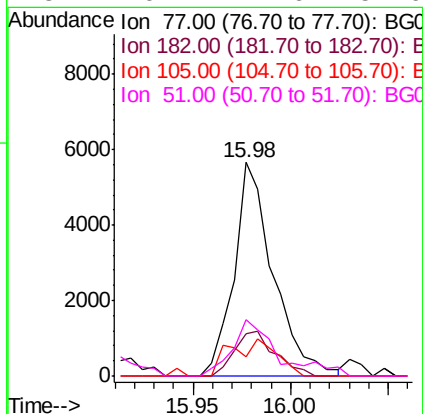
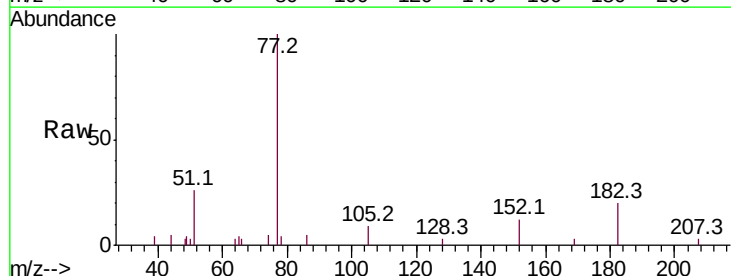
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2018

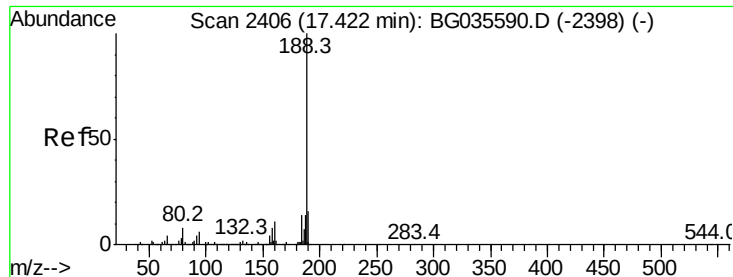
Tot Ion:138 Resp: 62
Ion Ratio Lower Upper
138 100
92 0.0 40.1 80.1#
108 0.0 65.4 105.4#



#62
Azobenzene
Concen: 0.848 ng
RT: 15.98 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG035869.D
Acq: 25 Jul 2018 11:57

Tgt Ion: 77 Resp: 7852
Ion Ratio Lower Upper
77 100
182 19.9 7.4 47.4
105 9.2 0.3 40.3
51 26.1 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: BG035869.D

Acq: 25 Jul 2018 11:57

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2018

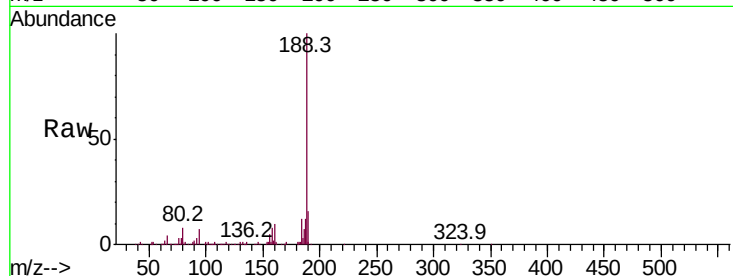
Tot Ion:188 Resp: 274450

Ion Ratio Lower Upper

188 100

94 7.2 6.9 10.3

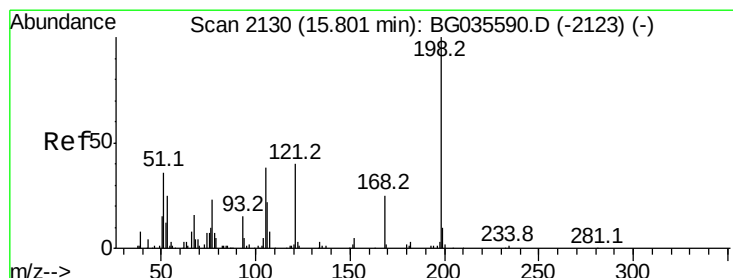
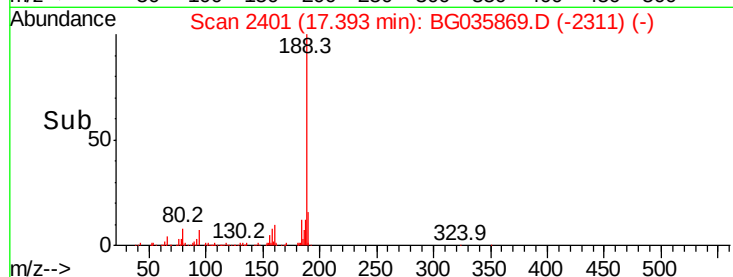
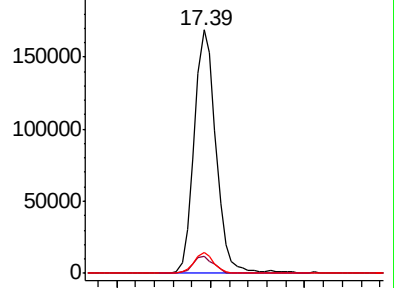
80 8.4 7.7 11.5



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: 0.437 ng

RT: 16.14 min Scan# 2187

Delta R.T. 0.36 min

Lab File: BG035869.D

Acq: 25 Jul 2018 11:57

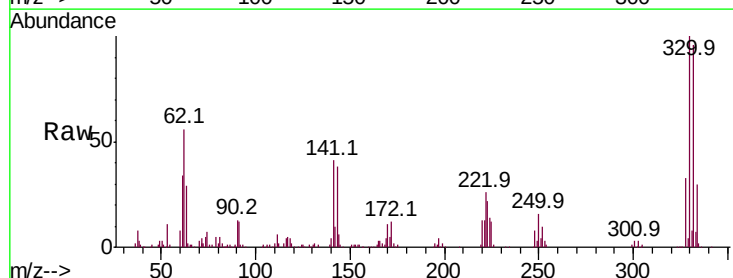
Tgt Ion:198 Resp: 667

Ion Ratio Lower Upper

198 100

51 167.9 30.6 70.6#

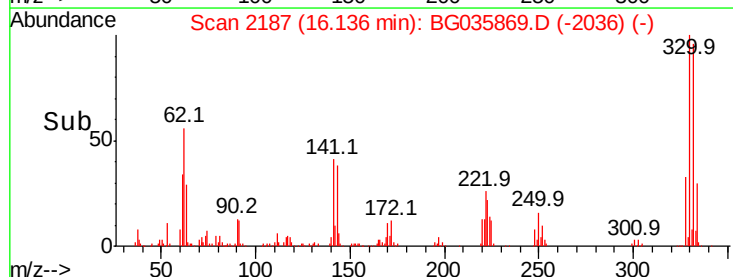
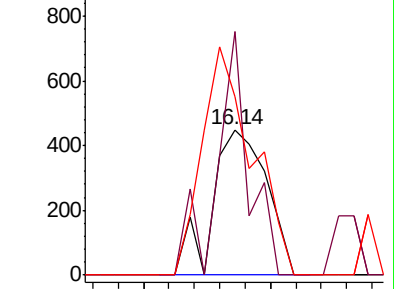
105 122.8 23.8 63.8#

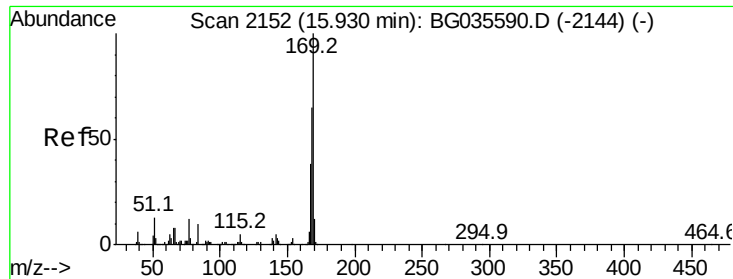


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 0.835 ng

RT: 15.91 min Scan# 2148

Delta R.T. 0.00 min

Lab File: BG035869.D

Acq: 25 Jul 2018 11:57

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2018

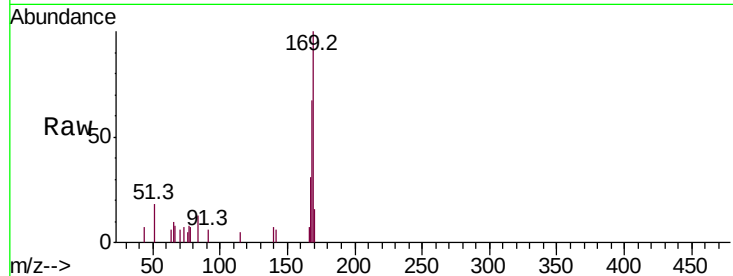
Tot Ion:169 Resp: 6522

Ion Ratio Lower Upper

169 100

168 66.7 55.7 83.5

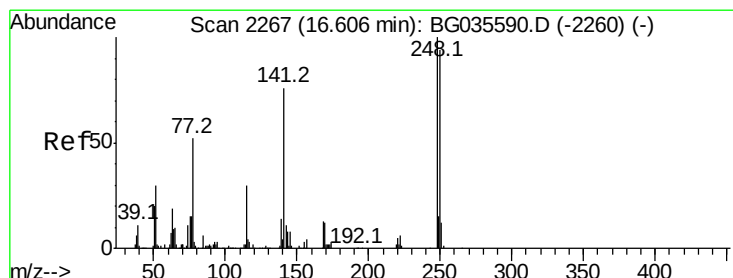
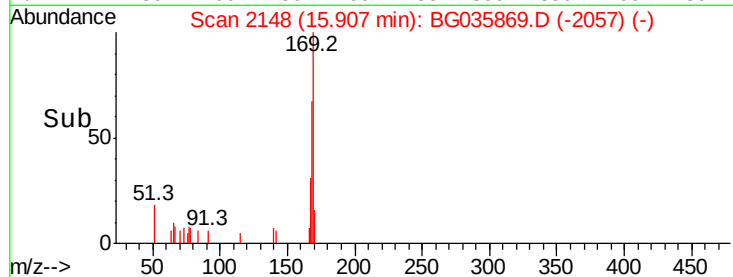
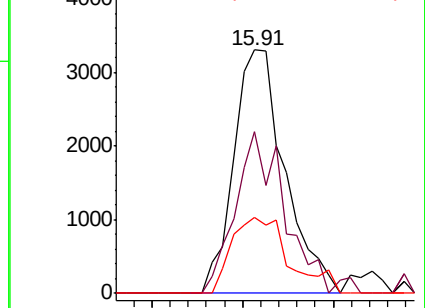
167 31.1 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 0.985 ng

RT: 16.59 min Scan# 2264

Delta R.T. 0.00 min

Lab File: BG035869.D

Acq: 25 Jul 2018 11:57

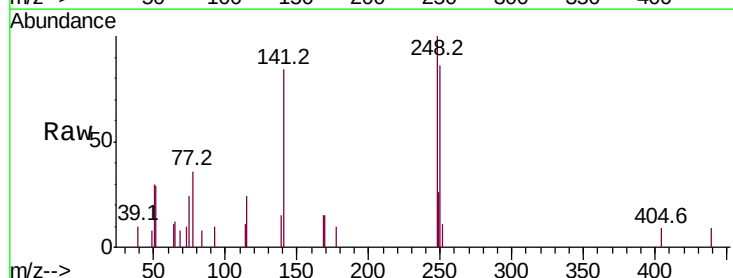
Tgt Ion:248 Resp: 3135

Ion Ratio Lower Upper

248 100

250 86.5 77.1 115.7

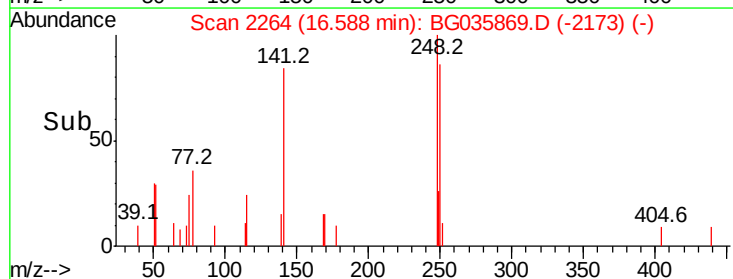
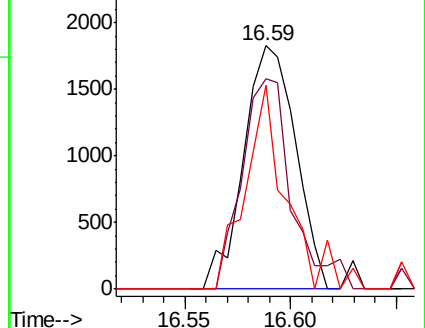
141 84.0 50.8 76.2#

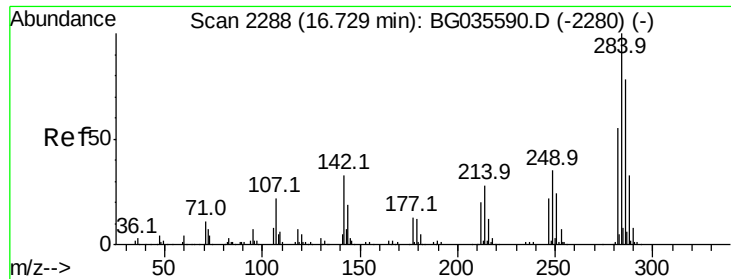


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 0.977 ng

RT: 16.70 min Scan# 2283

Delta R.T. -0.00 min

Lab File: BG035869.D

Acq: 25 Jul 2018 11:57

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2018

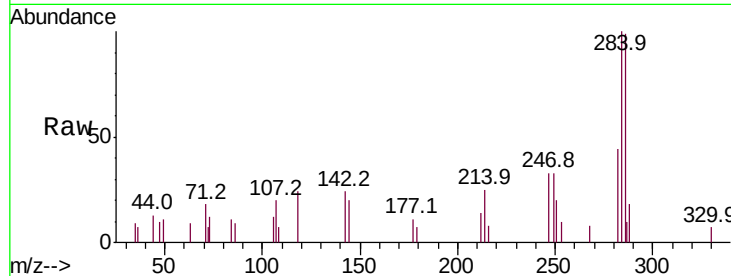
Tot Ion:284 Resp: 3203

Ion Ratio Lower Upper

284 100

142 24.4 26.8 40.2#

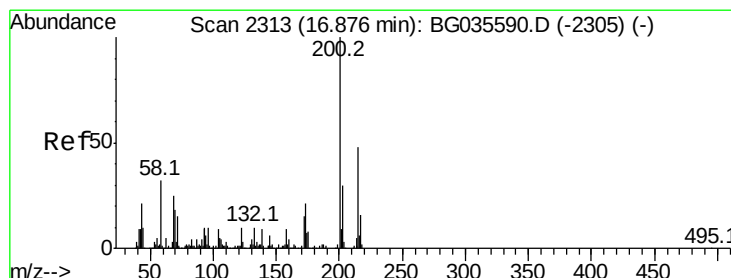
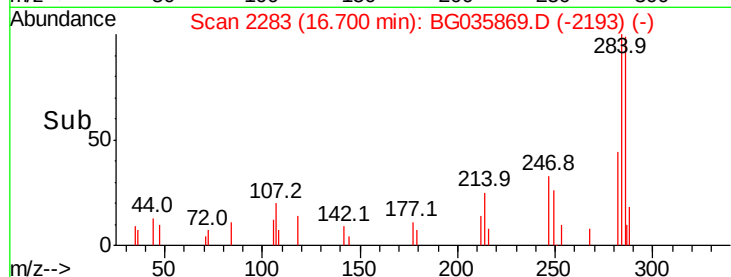
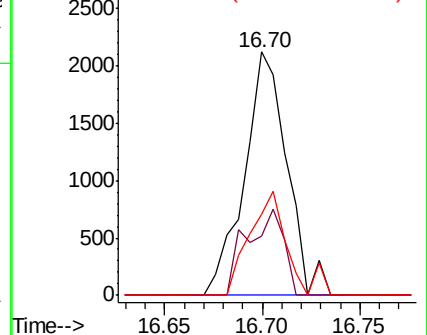
249 33.1 26.3 39.5



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: 0.990 ng

RT: 16.86 min Scan# 2310

Delta R.T. 0.01 min

Lab File: BG035869.D

Acq: 25 Jul 2018 11:57

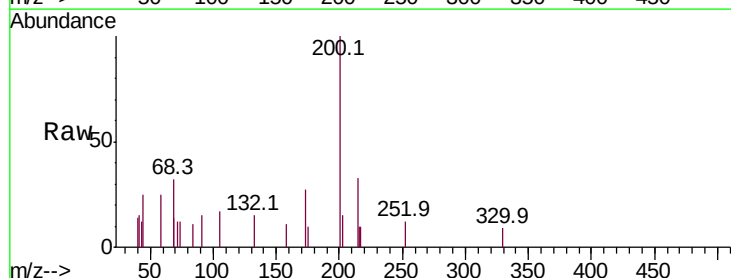
Tgt Ion:200 Resp: 3185

Ion Ratio Lower Upper

200 100

173 27.5 5.2 45.2

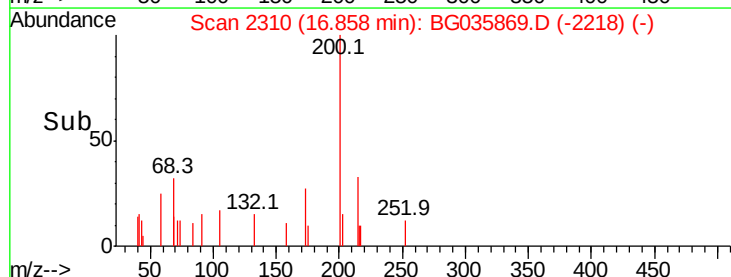
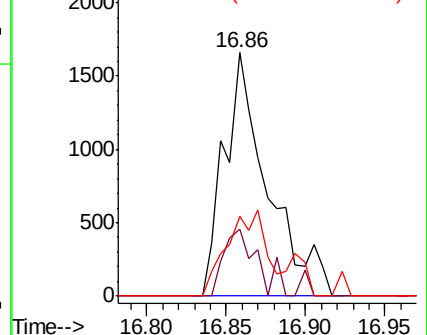
215 32.7 30.4 70.4

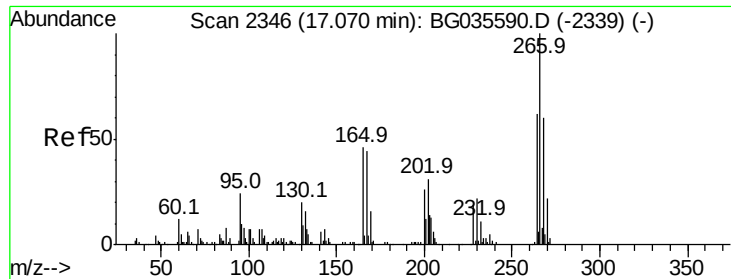


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 0.032 ng

RT: 17.14 min Scan# 2358

Delta R.T. 0.09 min

Lab File: BG035869.D

Acq: 25 Jul 2018 11:57

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2018

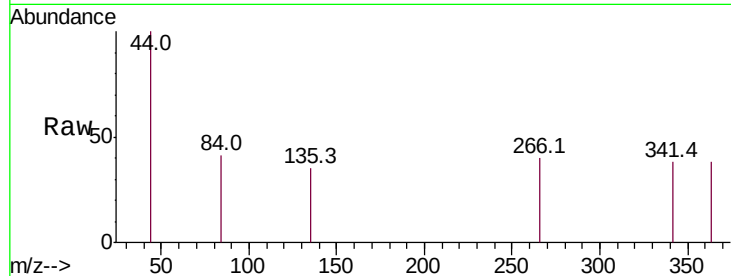
Tot Ion:266 Resp: 64

Ion Ratio Lower Upper

266 100

268 0.0 51.1 76.7#

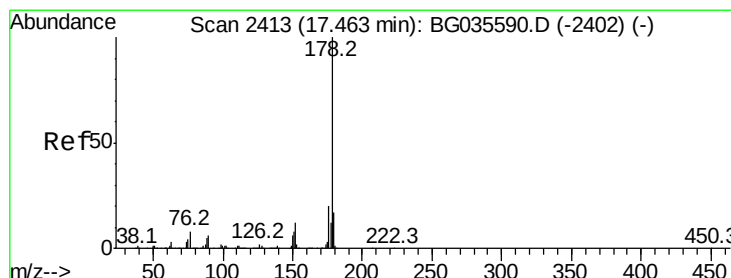
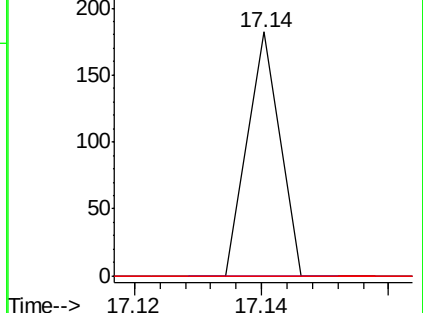
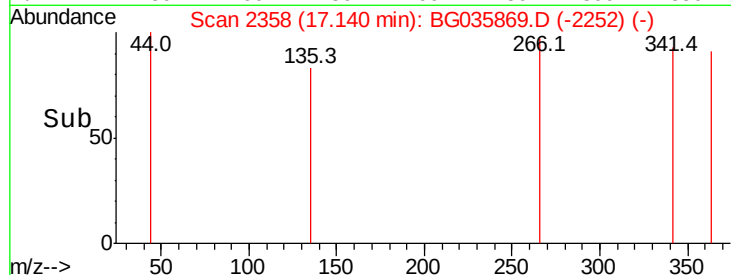
264 0.0 49.6 74.4#



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: 1.049 ng

RT: 17.44 min Scan# 2409

Delta R.T. -0.00 min

Lab File: BG035869.D

Acq: 25 Jul 2018 11:57

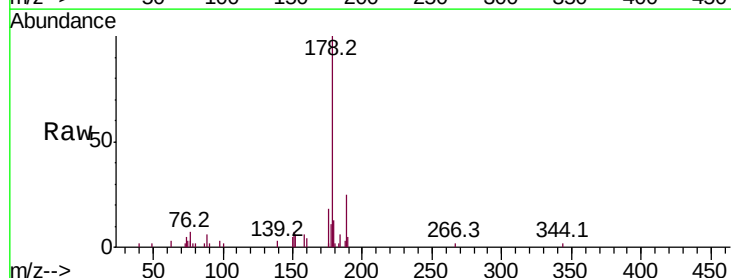
Tgt Ion:178 Resp: 14361

Ion Ratio Lower Upper

178 100

176 17.9 15.7 23.5

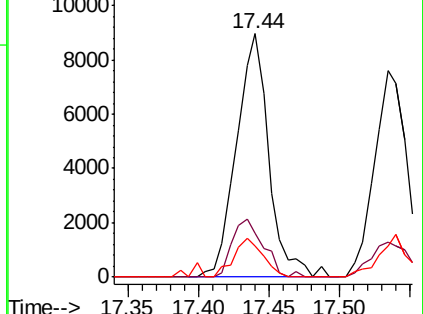
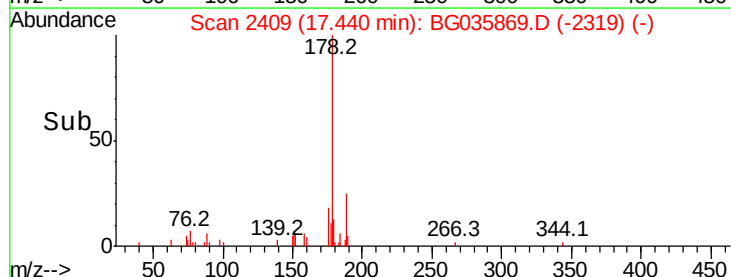
179 12.9 12.5 18.7

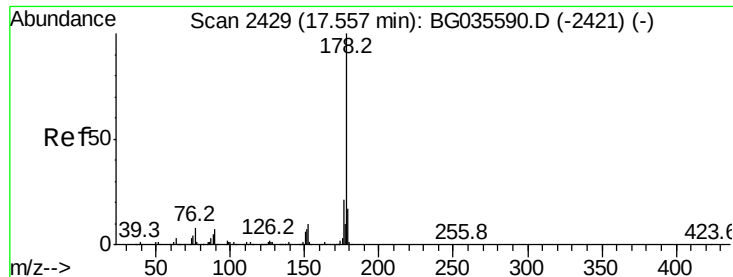


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 1.000 ng

RT: 17.53 min Scan# 2425

Delta R.T. 0.00 min

Lab File: BG035869.D

Acq: 25 Jul 2018 11:57

Instrument :

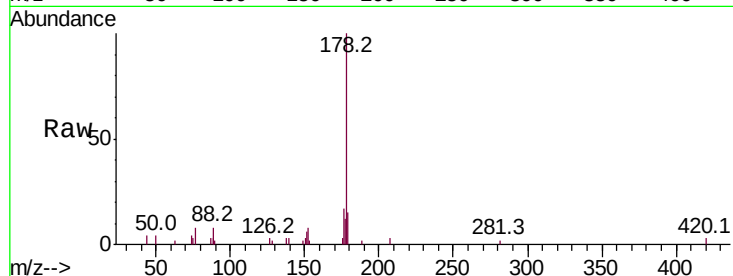
BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion:178 Resp: 13631

Ion	Ratio	Lower	Upper
178	100		
176	16.6	16.0	24.0
179	15.2	12.5	18.7

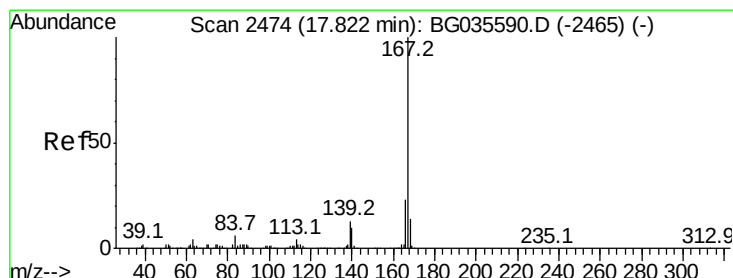
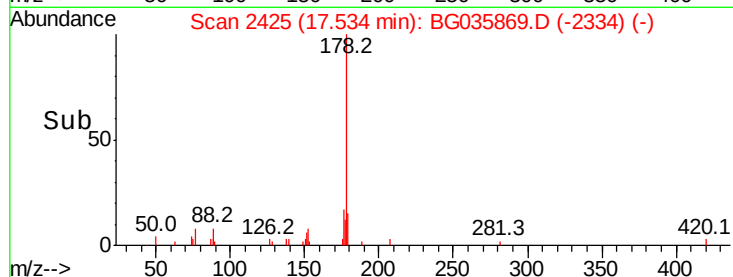
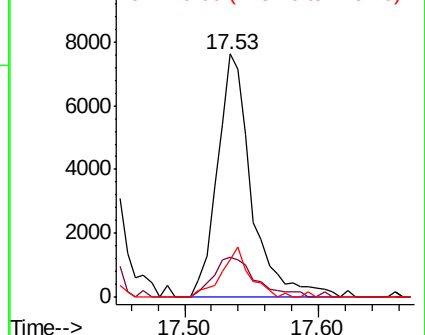


Abundance

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



#72

Carbazole

Concen: 0.800 ng

RT: 17.82 min Scan# 2474

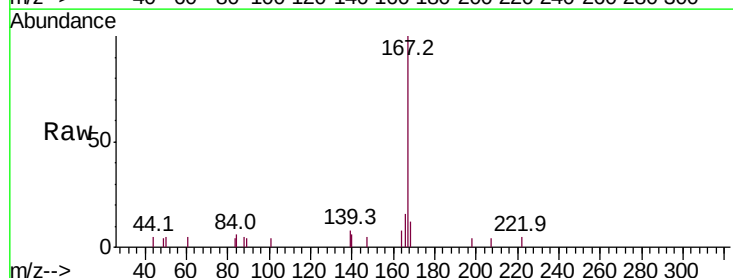
Delta R.T. 0.02 min

Lab File: BG035869.D

Acq: 25 Jul 2018 11:57

Tgt Ion:167 Resp: 10364

Ion	Ratio	Lower	Upper
167	100		
166	16.0	18.2	27.4#
139	8.2	9.4	14.2#

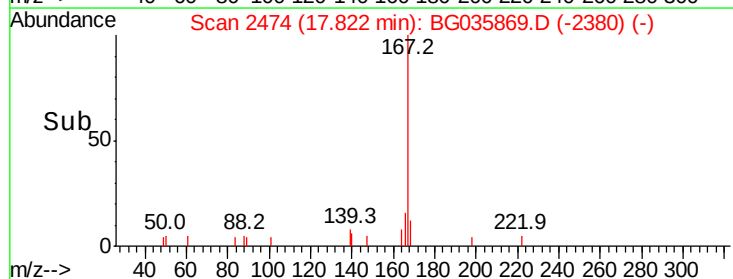
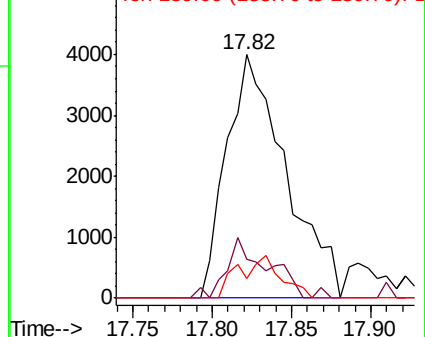


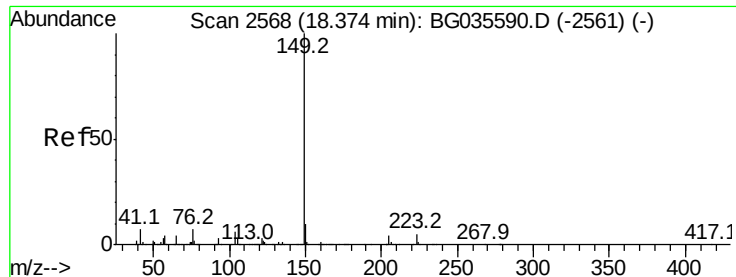
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

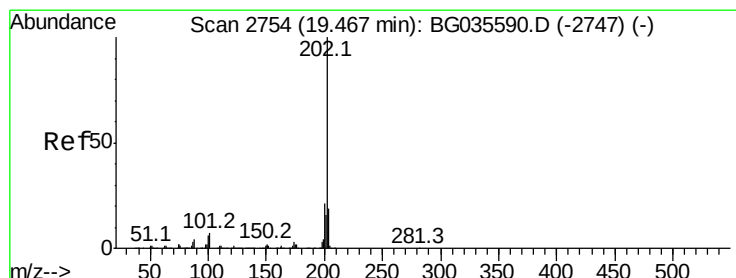
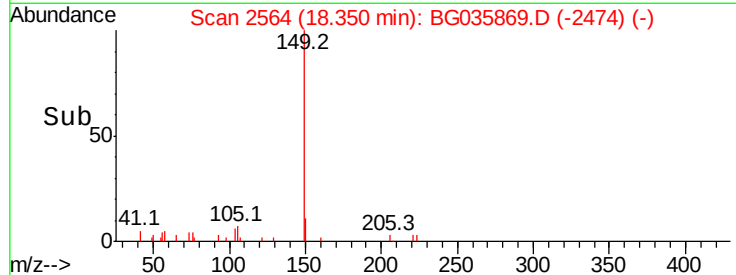
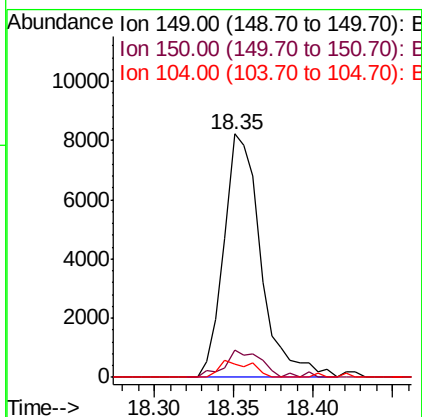
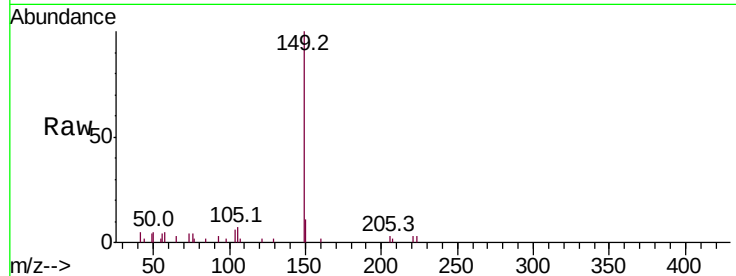




#73
Di-n-butylphthalate
Concen: 0.869 ng
RT: 18.35 min Scan# 2564
Delta R.T. -0.00 min
Lab File: BG035869.D
Acq: 25 Jul 2018 11:57

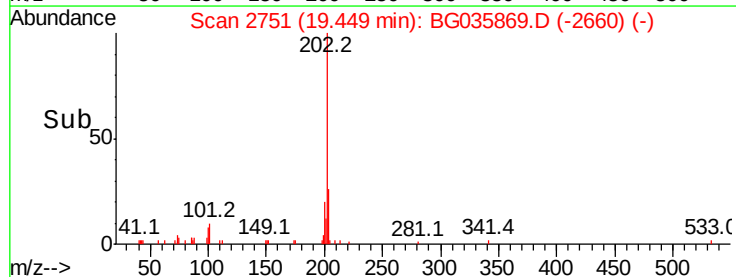
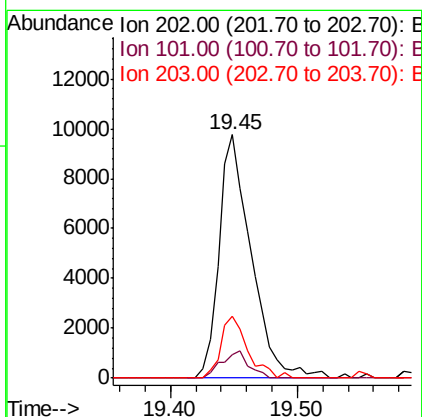
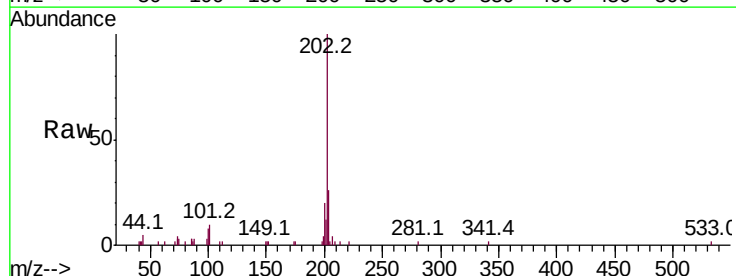
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2018

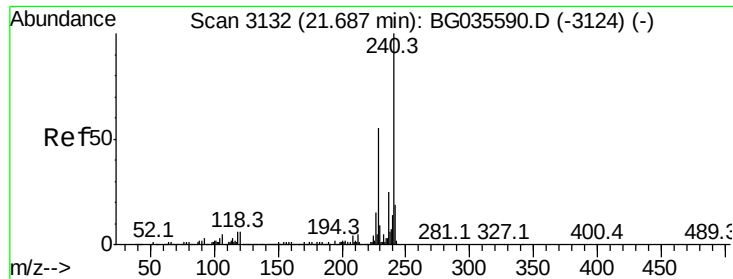
Tot Ion:149 Resp: 13294
Ion Ratio Lower Upper
149 100
150 11.4 7.8 11.6
104 5.7 3.9 5.9



#74
Fluoranthene
Concen: 0.930 ng
RT: 19.45 min Scan# 2751
Delta R.T. 0.00 min
Lab File: BG035869.D
Acq: 25 Jul 2018 11:57

Tgt Ion:202 Resp: 17162
Ion Ratio Lower Upper
202 100
101 9.6 0.0 28.9
203 25.6 0.0 37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BG035869.D

Acq: 25 Jul 2018 11:57

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2018

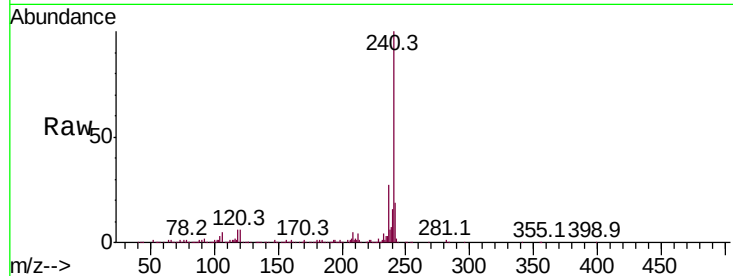
Tot Ion:240 Resp: 302187

Ion Ratio Lower Upper

240 100

120 6.2 6.8 10.2#

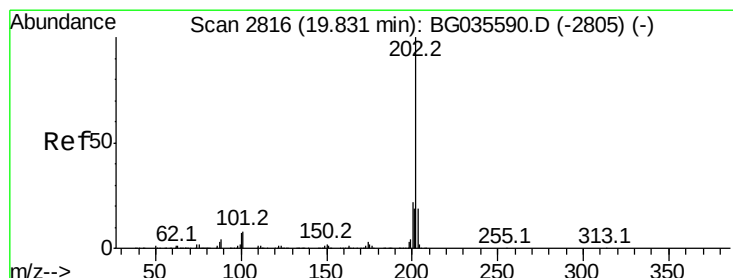
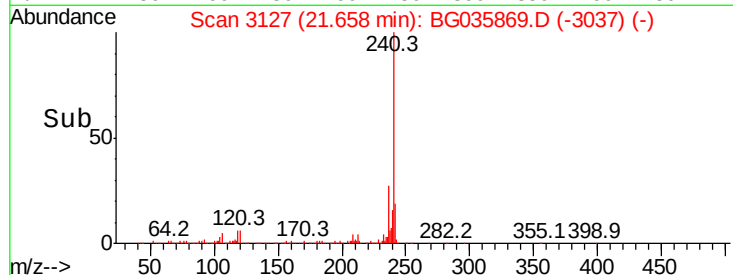
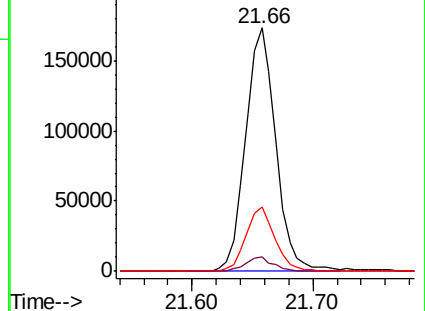
236 26.7 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 0.916 ng

RT: 19.81 min Scan# 2813

Delta R.T. 0.00 min

Lab File: BG035869.D

Acq: 25 Jul 2018 11:57

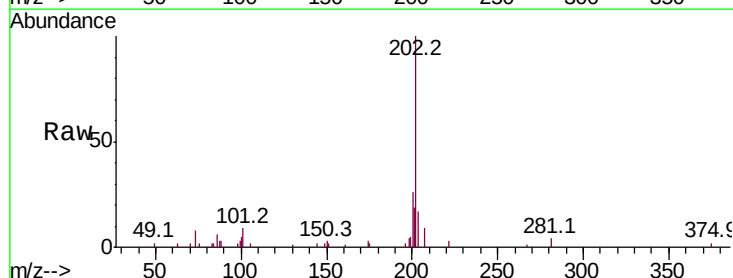
Tgt Ion:202 Resp: 17499

Ion Ratio Lower Upper

202 100

200 25.7 16.9 25.3#

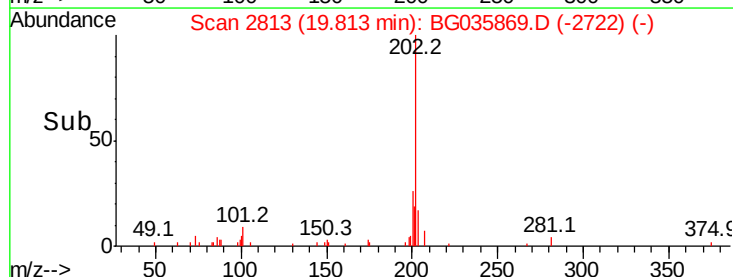
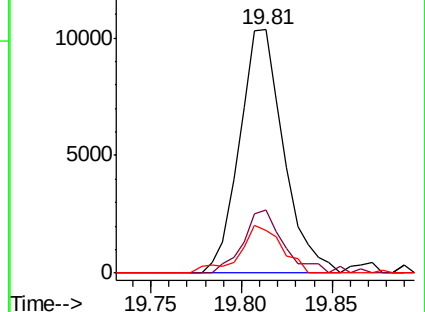
203 17.3 13.9 20.9

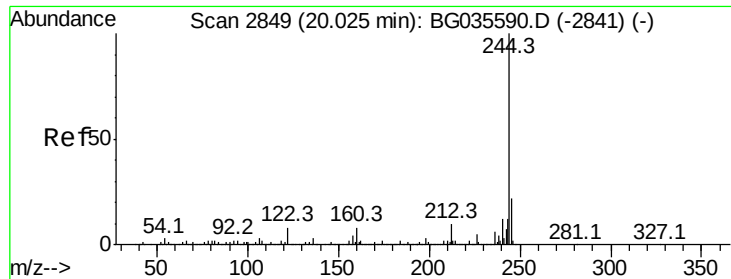


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

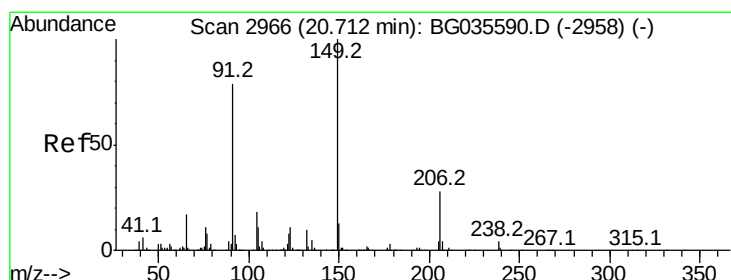
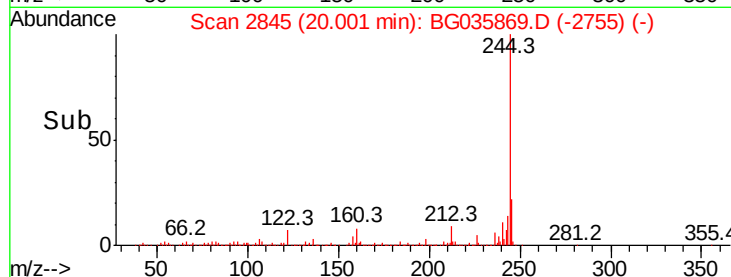
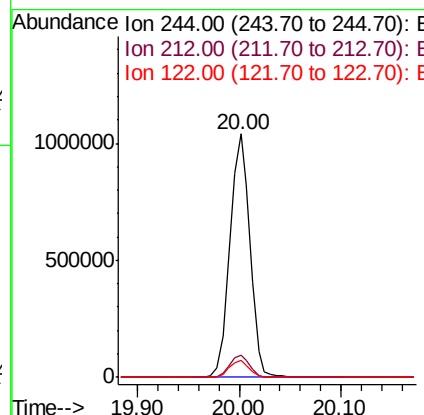
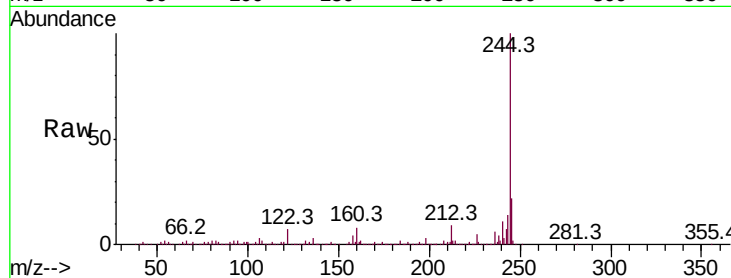




#78
 Terphenyl-d14
 Concen: 103.764 ng
 RT: 20.00 min Scan# 2845
 Delta R.T. -0.00 min
 Lab File: BG035869.D
 Acq: 25 Jul 2018 11:57

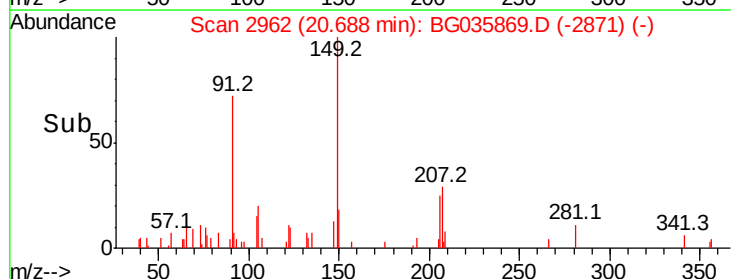
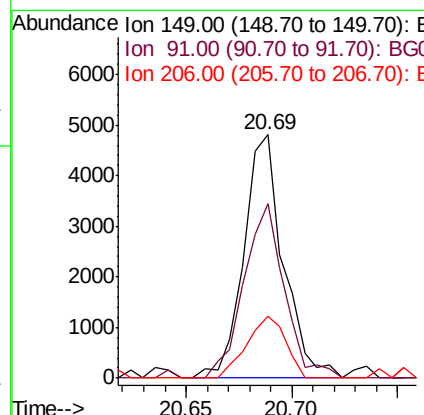
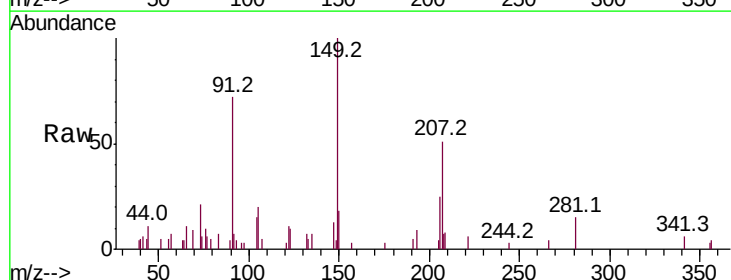
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT3-2018

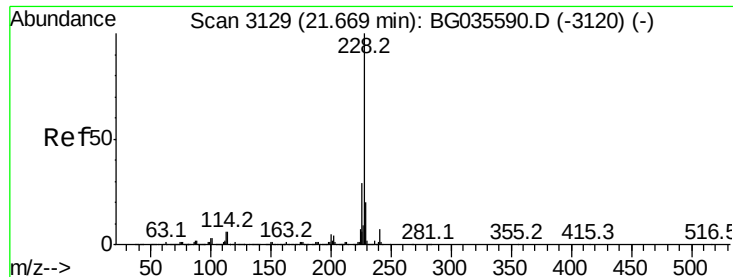
Tot Ion:244 Resp: 1422504
 Ion Ratio Lower Upper
 244 100
 212 9.3 5.8 8.8#
 122 6.9 7.0 10.4#



#79
 Butylbenzylphthalate
 Concen: 0.913 ng
 RT: 20.69 min Scan# 2962
 Delta R.T. 0.00 min
 Lab File: BG035869.D
 Acq: 25 Jul 2018 11:57

Tgt Ion:149 Resp: 6241
 Ion Ratio Lower Upper
 149 100
 91 71.5 62.2 93.2
 206 25.2 18.6 27.8





#80

Benzo(a)anthracene

Concen: 0.989 ng

RT: 21.70 min Scan# 3135

Delta R.T. 0.06 min

Lab File: BG035869.D

Acq: 25 Jul 2018 11:57

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2018

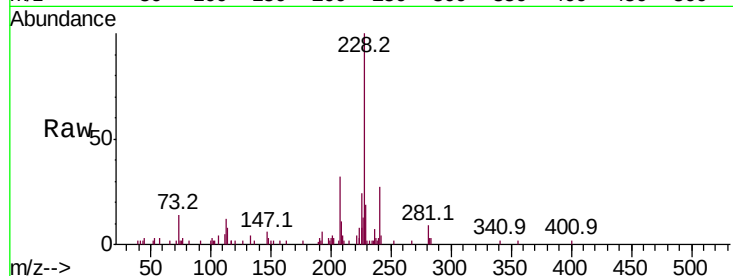
Tot Ion:228 Resp: 18616

Ion Ratio Lower Upper

228 100

226 23.7 22.7 34.1

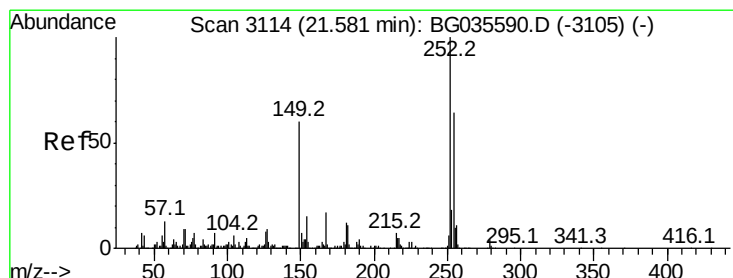
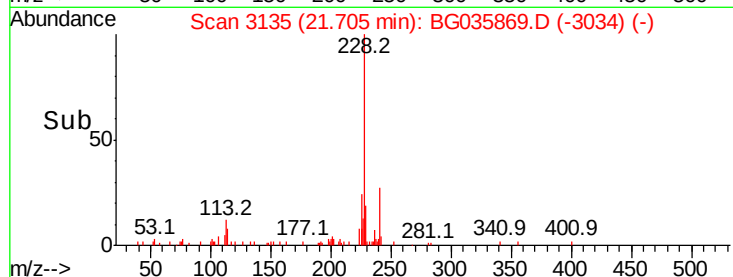
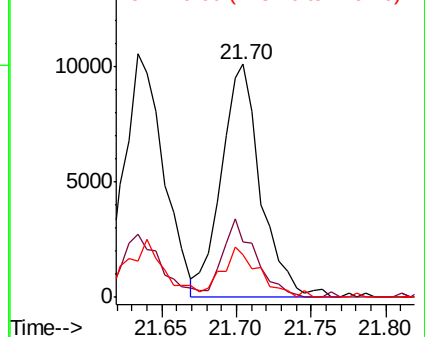
229 18.5 16.2 24.2



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



#81

3,3'-Dichlorobenzidine

Concen: 0.577 ng

RT: 21.59 min Scan# 3115

Delta R.T. 0.03 min

Lab File: BG035869.D

Acq: 25 Jul 2018 11:57

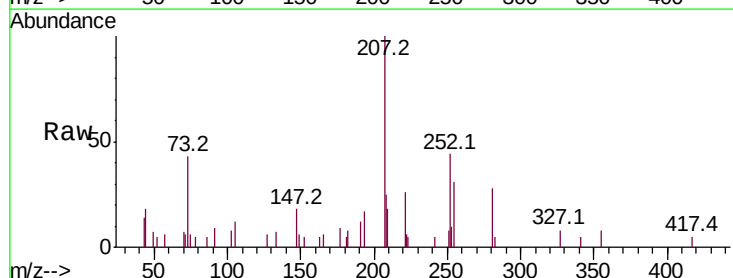
Tgt Ion:252 Resp: 3790

Ion Ratio Lower Upper

252 100

254 70.4 50.8 76.2

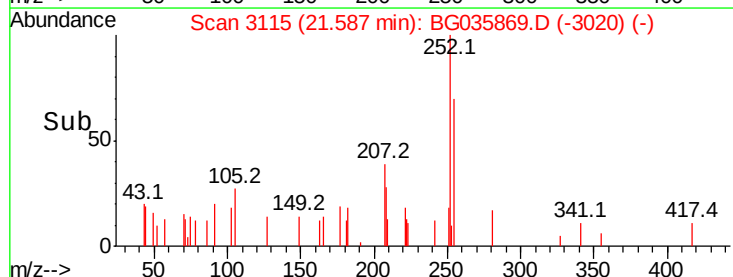
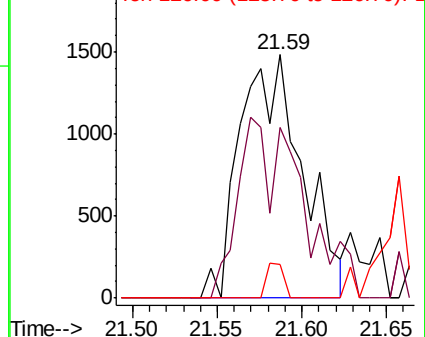
126 13.6 7.4 11.2#

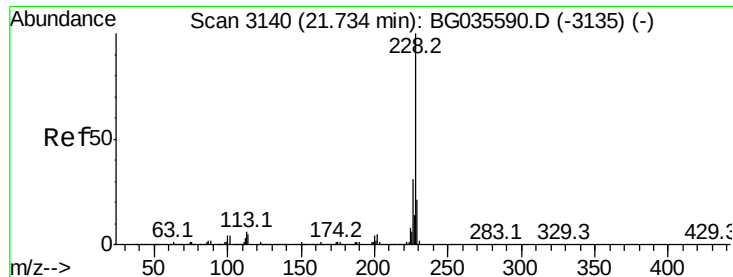


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 1.095 ng

RT: 21.63 min Scan# 3123

Delta R.T. -0.07 min

Lab File: BG035869.D

Acq: 25 Jul 2018 11:57

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2018

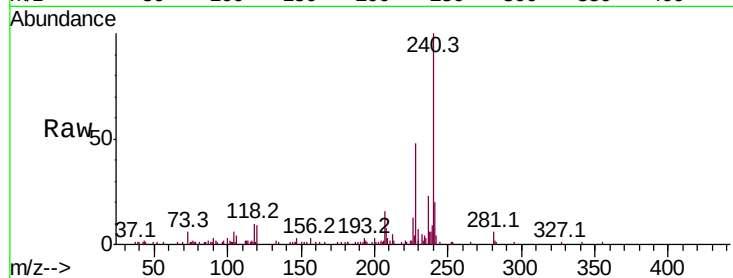
Tot Ion:228 Resp: 19113

Ion Ratio Lower Upper

228 100

226 26.1 24.9 37.3

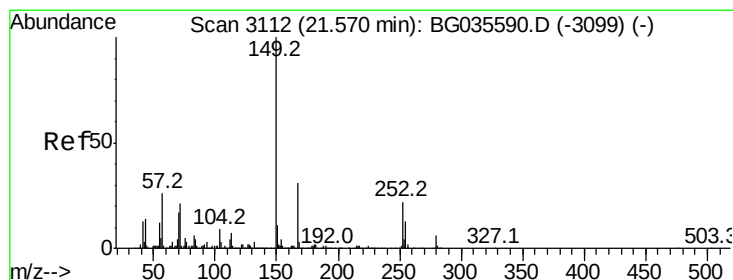
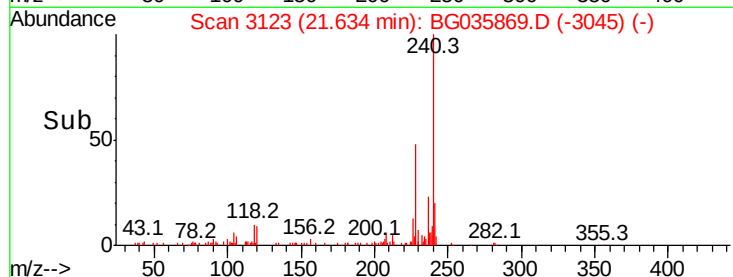
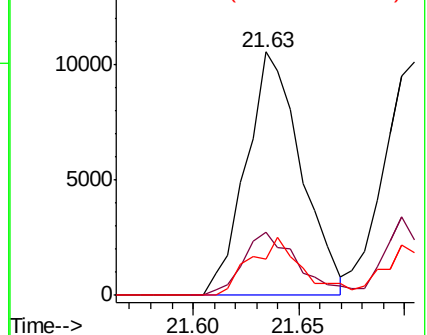
229 15.1 15.0 22.4



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: 1.144 ng

RT: 21.54 min Scan# 3107

Delta R.T. -0.00 min

Lab File: BG035869.D

Acq: 25 Jul 2018 11:57

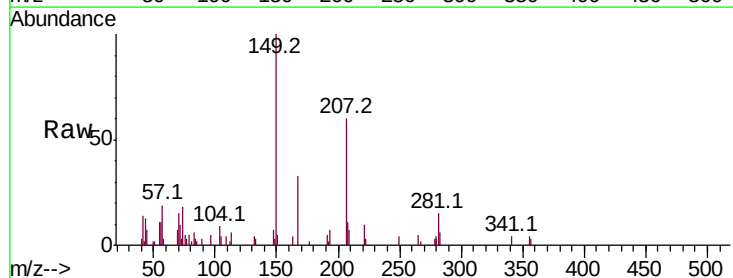
Tgt Ion:149 Resp: 10626

Ion Ratio Lower Upper

149 100

167 32.7 24.3 36.5

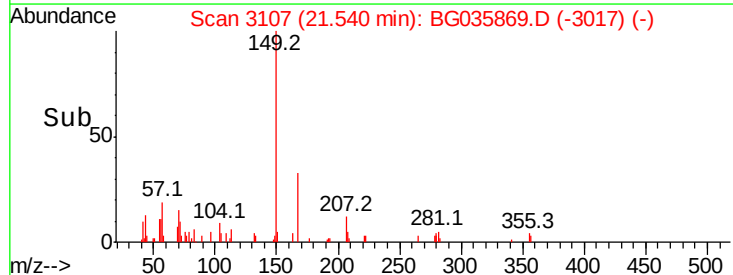
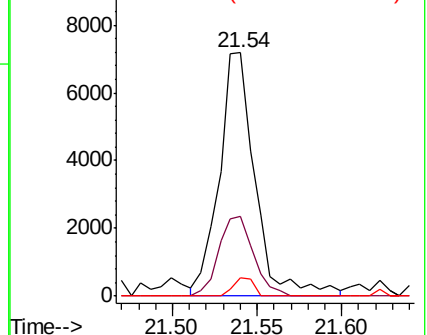
279 7.7 4.0 6.0#

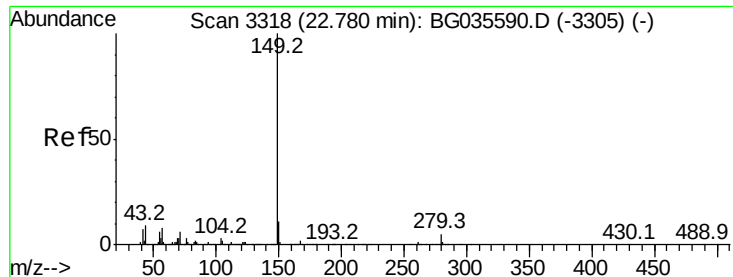


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

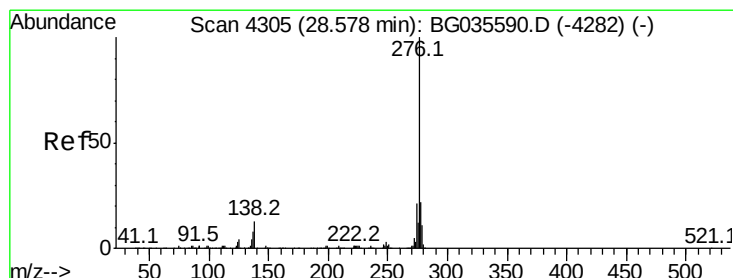
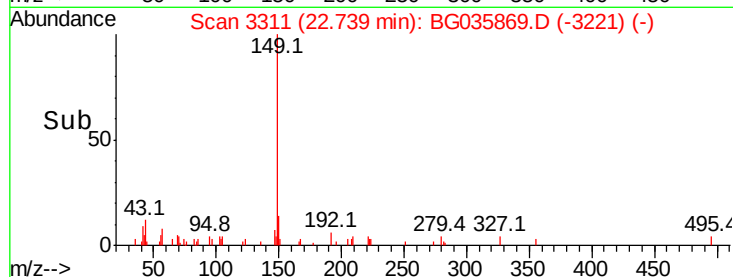
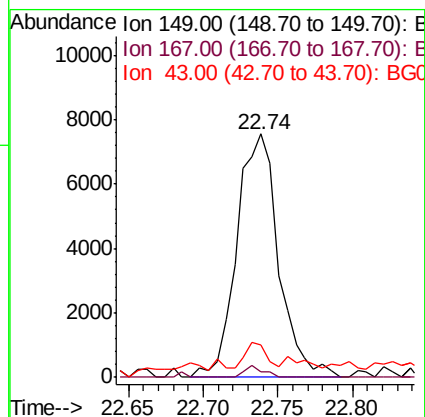
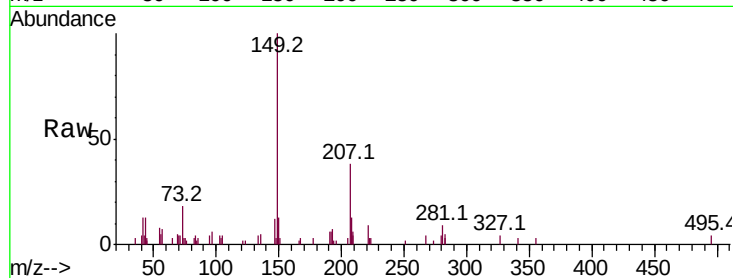




#84
Di-n-octyl phthalate
Concen: 0.941 ng
RT: 22.74 min Scan# 3311
Delta R.T. -0.00 min
Lab File: BG035869.D
Acq: 25 Jul 2018 11:57

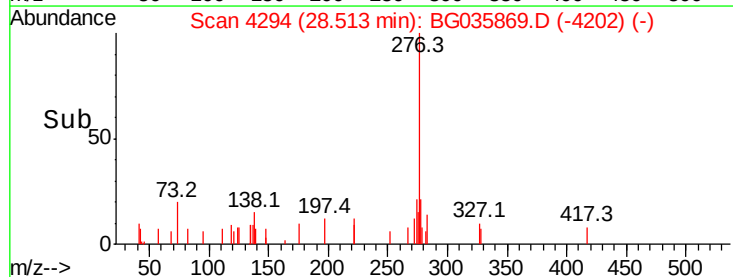
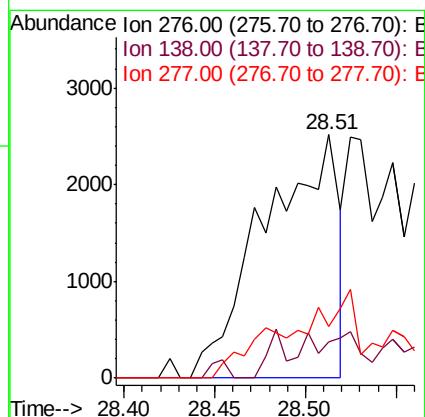
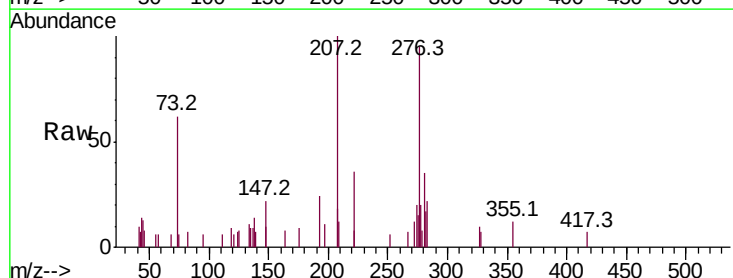
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2018

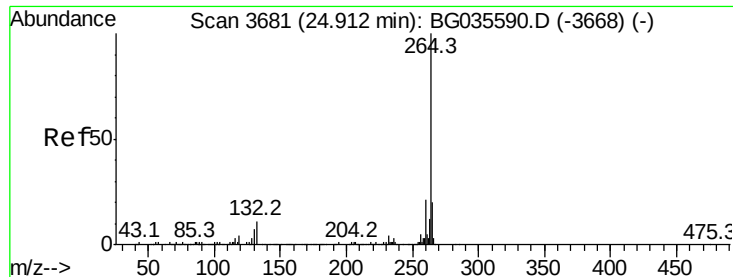
Tot Ion:149 Resp: 14643
Ion Ratio Lower Upper
149 100
167 2.1 1.4 2.0#
43 7.0 8.9 13.3#



#85
Indeno(1,2,3-cd)pyrene
Concen: 0.369 ng
RT: 28.51 min Scan# 4294
Delta R.T. 0.01 min
Lab File: BG035869.D
Acq: 25 Jul 2018 11:57

Tgt Ion:276 Resp: 7126
Ion Ratio Lower Upper
276 100
138 3.6 16.0 24.0#
277 0.0 20.0 30.0#





#86

Pervlene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3671

Delta R.T. -0.01 min

Lab File: BG035869.D

Acq: 25 Jul 2018 11:57

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2018

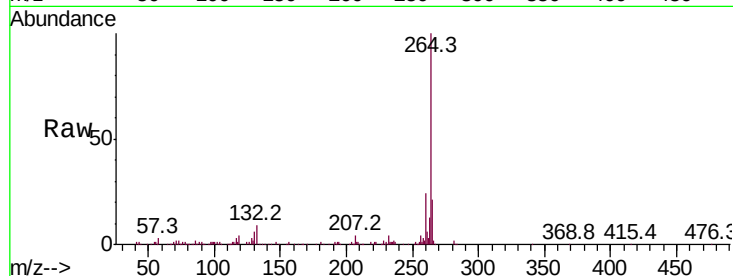
Tot Ion:264 Resp: 288536

Ion Ratio Lower Upper

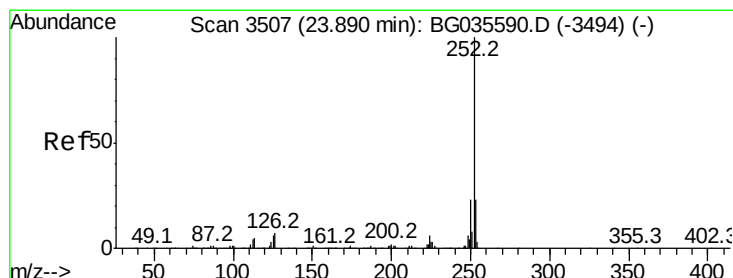
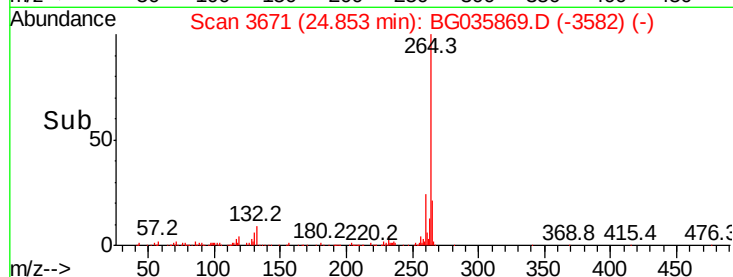
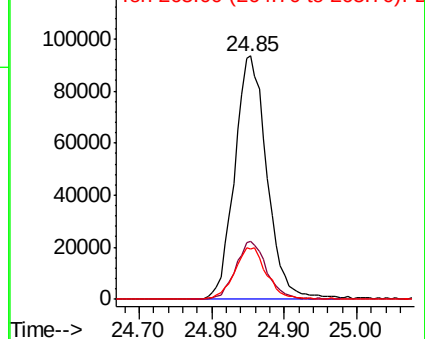
264 100

260 23.7 17.4 26.0

265 20.9 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: 0.899 ng

RT: 23.85 min Scan# 3500

Delta R.T. 0.00 min

Lab File: BG035869.D

Acq: 25 Jul 2018 11:57

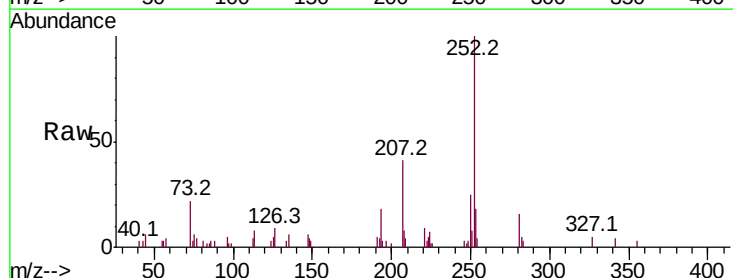
Tgt Ion:252 Resp: 15767

Ion Ratio Lower Upper

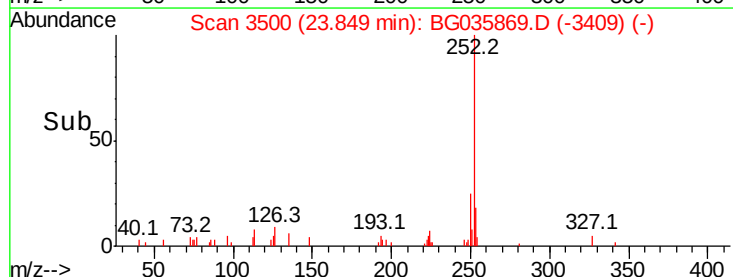
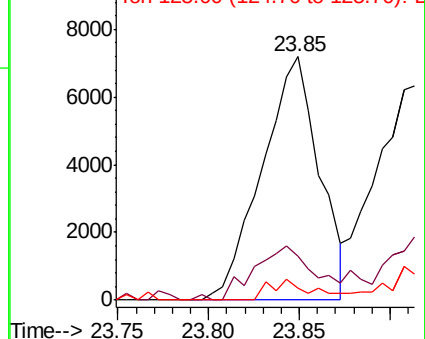
252 100

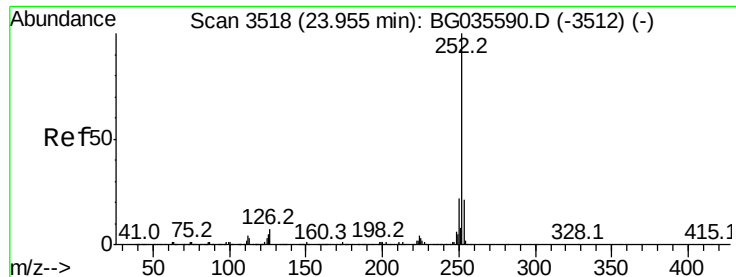
253 18.2 18.2 27.4

125 4.8 7.2 10.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

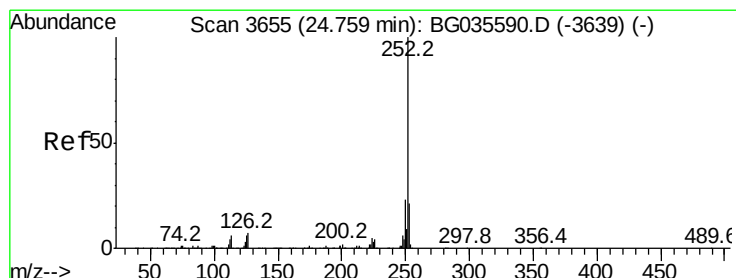
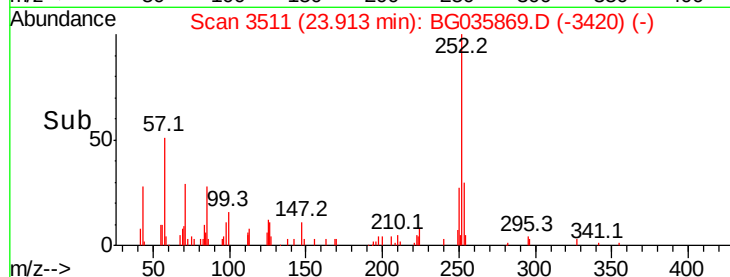
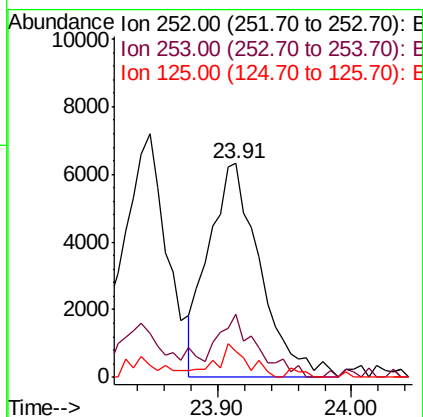
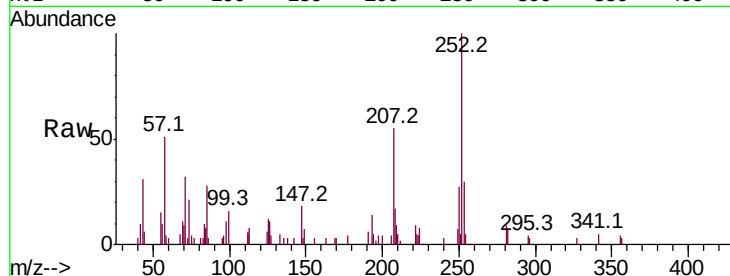




#88
Benzo(k)fluoranthene
Concen: 0.991 ng
RT: 23.91 min Scan# 3511
Delta R.T. 0.00 min
Lab File: BG035869.D
Acq: 25 Jul 2018 11:57

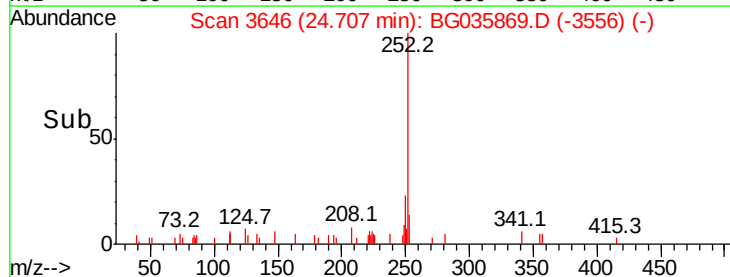
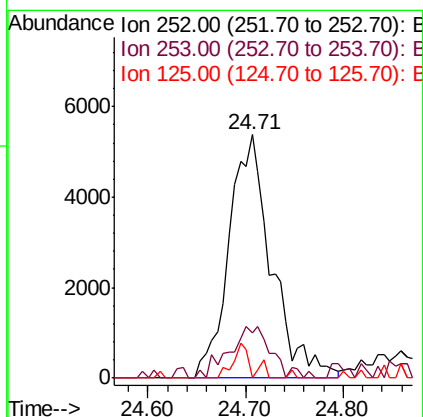
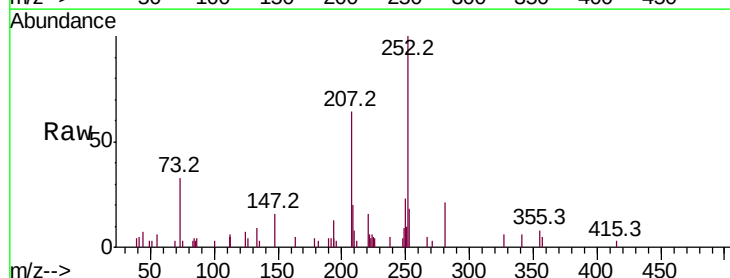
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2018

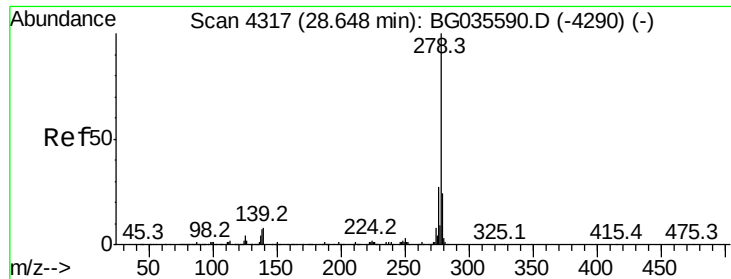
Tot Ion:252 Resp: 16992
Ion Ratio Lower Upper
252 100
253 29.8 17.4 26.2#
125 12.0 6.6 9.8#



#89
Benzo(a)pyrene
Concen: 0.999 ng
RT: 24.71 min Scan# 3646
Delta R.T. -0.00 min
Lab File: BG035869.D
Acq: 25 Jul 2018 11:57

Tgt Ion:252 Resp: 16303
Ion Ratio Lower Upper
252 100
253 18.5 18.3 27.5
125 0.0 7.3 10.9#





#90

Dibenzo(a,h)anthracene

Concen: 0.762 ng

RT: 28.58 min Scan# 4306

Delta R.T. 0.02 min

Lab File: BG035869.D

Acq: 25 Jul 2018 11:57

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2018

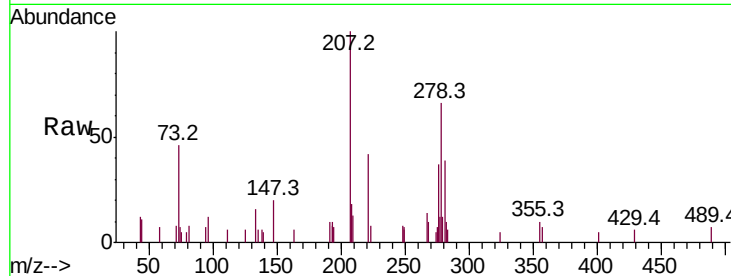
Tot Ion:278 Resp: 12207

Ion Ratio Lower Upper

278 100

139 7.7 9.8 14.6#

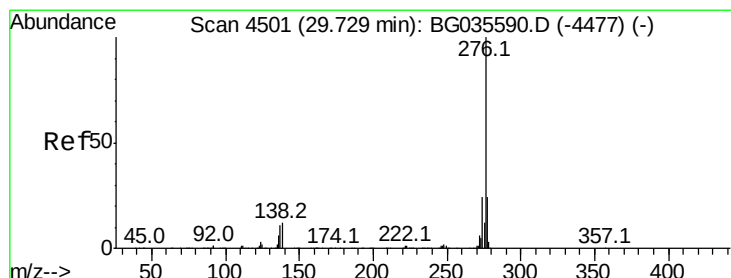
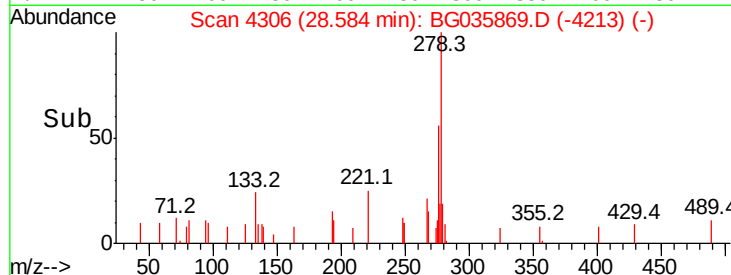
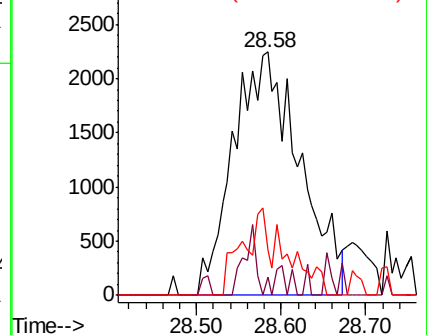
279 18.6 18.4 27.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 0.473 ng

RT: 29.64 min Scan# 4485

Delta R.T. -0.00 min

Lab File: BG035869.D

Acq: 25 Jul 2018 11:57

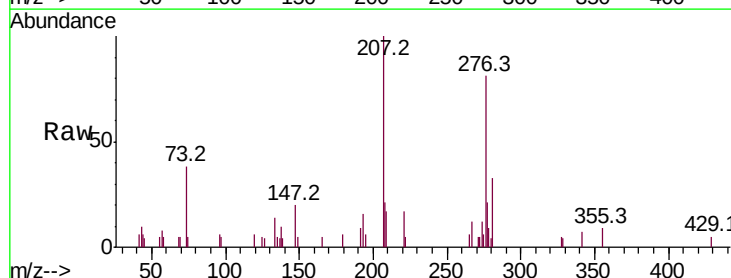
Tgt Ion:276 Resp: 7409

Ion Ratio Lower Upper

276 100

277 26.1 18.3 27.5

138 17.3 13.9 20.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

