

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101818\
 Data File : BG037441.D
 Acq On : 19 Oct 2018 5:48
 Operator : JU/SJ
 Sample : J5164-09
 Misc : MDL 2 PPM
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT4-2018

Quant Time: Oct 19 09:04:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	51433	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	242085	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	160768	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	399204	20.00	ng	0.00
76) Chrysene-d12	21.77	240	366917	20.00	ng	0.00
87) Perylene-d12	25.10	264	361920	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	424801	138.08	ng	0.00
7) Phenol-d6	7.25	99	624397	134.22	ng	0.00
23) Nitrobenzene-d5	9.29	82	355858	82.35	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	242879	138.51	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	872148	81.80	ng	0.00
79) Terphenyl-d14	20.09	244	1327500	77.31	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	4114	2.637	ng	# 77
3) Pyridine	3.95	79	7000	1.780	ng	# 90
4) n-Nitrosodimethylamine	3.87	42	2960	2.113	ng	# 90
6) Aniline	7.43	93	7340	1.293	ng	# 97
8) 2-Chlorophenol	7.67	128	7731	2.148	ng	# 98
9) Benzaldehyde	7.25	77	6116	2.102	ng	# 82
10) Phenol	7.27	94	9987	2.035	ng	# 80
11) bis(2-Chloroethyl)ether	7.52	93	7124	1.911	ng	# 86
12) 1,3-Dichlorobenzene	7.99	146	7598	1.896	ng	# 91
13) 1,4-Dichlorobenzene	8.14	146	8338	2.034	ng	# 91
14) 1,2-Dichlorobenzene	8.46	146	7939	2.014	ng	# 96
15) Benzyl Alcohol	8.35	79	6390	1.859	ng	# 97
16) 2,2'-oxybis(1-Chloropropan	8.64	45	13441	2.015	ng	# 96
17) 2-Methylphenol	8.54	107	6153	1.896	ng	# 89
18) Hexachloroethane	9.20	117	2703	1.935	ng	# 79
19) n-Nitroso-di-n-propylamine	8.91	70	5795	1.809	ng	# 91
20) 3+4-Methylphenols	8.86	107	8758	1.888	ng	# 95
22) Acetophenone	8.93	105	11663	1.921	ng	# 99
24) Nitrobenzene	9.32	77	8762	1.952	ng	# 99
25) Isophorone	9.84	82	15915	2.016	ng	# 97
26) 2-Nitrophenol	10.04	139	3136	1.551	ng	# 83
27) 2,4-Dimethylphenol	10.07	122	7044	1.951	ng	# 93
28) bis(2-Chloroethoxy)methane	10.33	93	10209	1.973	ng	# 92
29) 2,4-Dichlorophenol	10.56	162	6875	1.710	ng	# 93
30) 1,2,4-Trichlorobenzene	10.78	180	8366	1.913	ng	# 93
31) Naphthalene	10.98	128	26212	2.204	ng	# 98
32) Benzoic acid	10.13	122	387	0.165	ng	# 57
33) 4-Chloroaniline	11.09	127	7422	1.328	ng	# 92
34) Hexachlorobutadiene	11.25	225	5058	1.952	ng	# 88
35) Caprolactam	11.90	113	112	0.069	ng	# 78
36) 4-Chloro-3-methylphenol	12.18	107	7684	1.695	ng	# 92
37) 2-Methylnaphthalene	12.57	142	18826	2.172	ng	# 97
38) 1-Methylnaphthalene	12.80	142	18120	2.153	ng	# 96
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	10061	1.940	ng	# 99

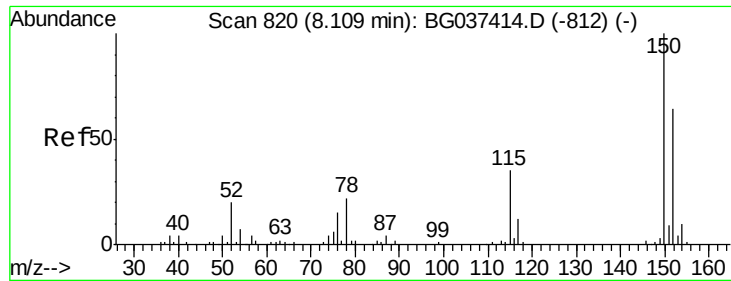
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101818\
 Data File : BG037441.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	4475	1.807	nq	98
43) 2,4,6-Trichlorophenol	13.17	196	5512	1.591	nq	95
44) 2,4,5-Trichlorophenol	13.24	196	6358	1.686	nq	98
46) 1,1'-Biphenyl	13.58	154	25911	1.946	nq	94
47) 2-Chloronaphthalene	13.62	162	20026	1.988	nq	97
48) 2-Nitroaniline	13.83	65	4948	1.620	nq	88
49) Acenaphthylene	14.46	152	31899	2.105	nq	97
50) Dimethylphthalate	14.19	163	25292	2.034	nq	98
51) 2,6-Dinitrotoluene	14.31	165	4520	1.643	nq	97
52) Acenaphthene	14.80	154	19384	2.077	nq	98
53) 3-Nitroaniline	14.64	138	4049	1.326	nq	89
55) Dibenzofuran	15.13	168	32868	2.126	nq	96
56) 4-Nitrophenol	14.93	139	2127	0.941	nq	# 57
57) 2,4-Dinitrotoluene	15.09	165	5768	1.597	nq	# 87
58) Fluorene	15.79	166	26435	2.283	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.36	232	5576	1.727	nq	# 93
60) Diethylphthalate	15.54	149	26402	2.068	nq	100
61) 4-Chlorophenyl-phenylether	15.77	204	13541	2.007	nq	100
62) 4-Nitroaniline	15.81	138	4686	1.544	nq	97
63) Azobenzene	16.07	77	25040	2.055	nq	91
65) 4,6-Dinitro-2-methylphenol	16.21	198	854	8.843	nq	82
66) n-Nitrosodiphenylamine	15.99	169	22195	1.848	nq	88
67) 4-Bromophenyl-phenylether	16.67	248	8070	1.841	nq	# 86
68) Hexachlorobenzene	16.78	284	8361	1.840	nq	94
69) Atrazine	16.93	200	7045	1.623	nq	97
70) Pentachlorophenol	17.12	266	1841	0.605	nq	# 85
71) Phenanthrene	17.52	178	45517	2.243	nq	98
72) Anthracene	17.62	178	43544	2.187	nq	97
73) Carbazole	17.89	167	36648	1.840	nq	96
74) Di-n-butylphthalate	18.43	149	41312	1.865	nq	98
75) Fluoranthene	19.53	202	48040	2.088	nq	98
77) Benzidine	19.72	184	5223	0.419	nq	# 93
78) Pyrene	19.89	202	49899	2.080	nq	98
80) Butylbenzylphthalate	20.77	149	15813	1.611	nq	93
81) Benzo(a)anthracene	21.75	228	46596	2.147	nq	97
82) 3,3'-Dichlorobenzidine	21.67	252	9630	1.145	nq	96
83) Chrysene	21.81	228	43168	2.069	nq	95
84) Bis(2-ethylhexyl)phthalate	21.63	149	23046	1.675	nq	# 95
85) Di-n-octyl phthalate	22.88	149	36441	1.624	nq	100
86) Indeno(1,2,3-cd)pyrene	28.92	276	13412	0.599	nq	# 79
88) Benzo(b)fluoranthene	24.03	252	41490	2.091	nq	99
89) Benzo(k)fluoranthene	24.11	252	38258	1.968	nq	94
90) Benzo(a)pyrene	24.94	252	38064	2.019	nq	# 96
91) Dibenzo(a,h)anthracene	29.00	278	26310	1.513	nq	# 89
92) Benzo(g,h,i)perylene	30.11	276	30526	1.735	nq	96

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

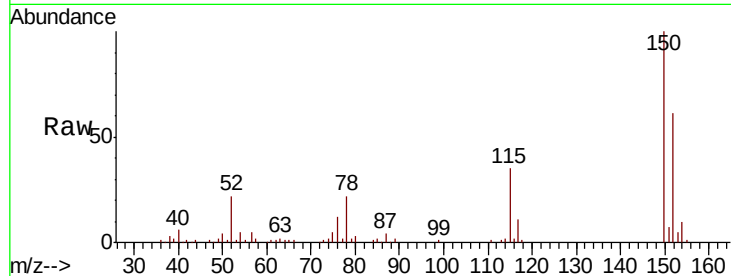


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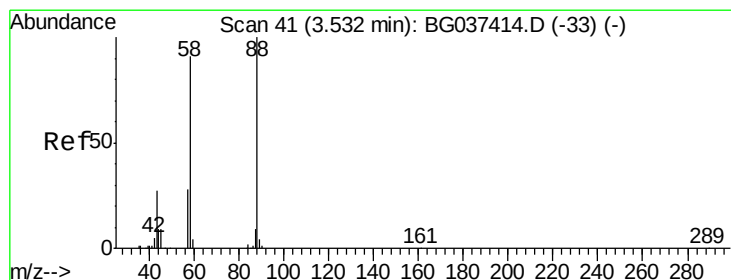
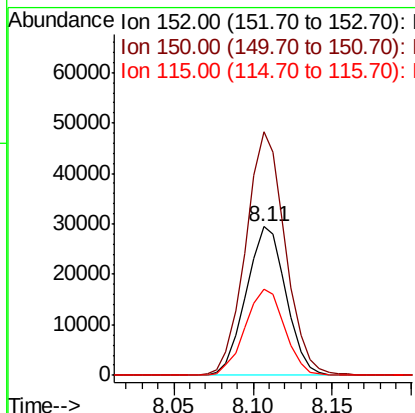
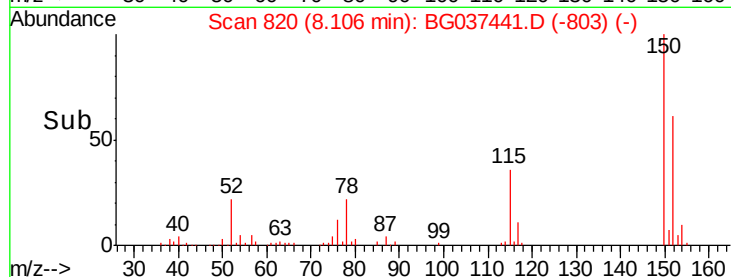
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037441.D
Acq: 19 Oct 2018 5:48

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

Tot Ion:152 Resp: 51433
Ion Ratio Lower Upper
152 100
150 163.7 126.0 189.0
115 58.0 45.5 68.3



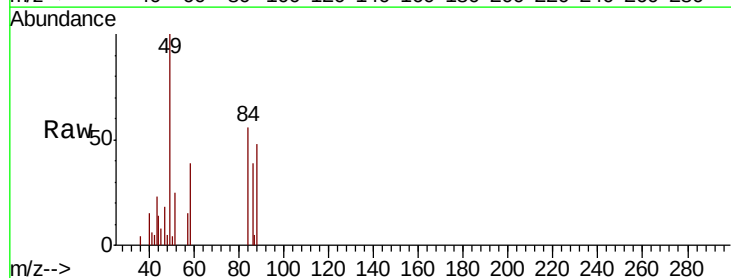
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



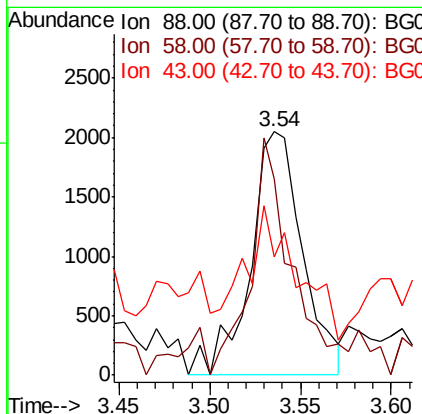
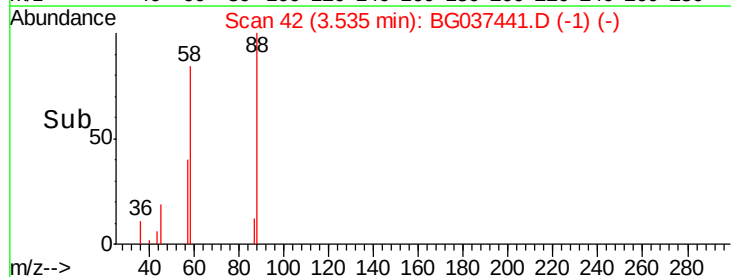
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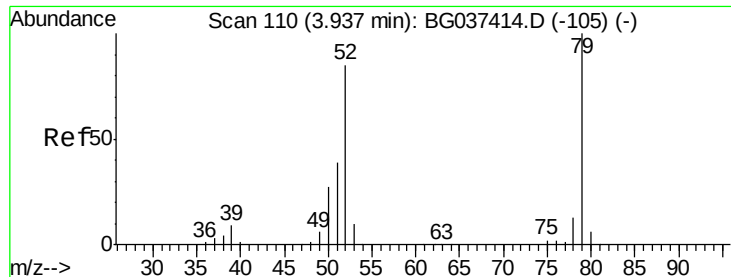
1,4-Dioxane
Concen: 2.637 ng
RT: 3.54 min Scan# 42
Delta R.T. 0.00 min
Lab File: BG037441.D
Acq: 19 Oct 2018 5:48

Tgt Ion: 88 Resp: 4114
Ion Ratio Lower Upper
88 100
58 77.1 74.4 111.6
43 54.7 25.8 38.8#



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: 1.780 ng

RT: 3.95 min Scan# 113

Delta R.T. 0.02 min

Lab File: BG037441.D

Acq: 19 Oct 2018 5:48

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

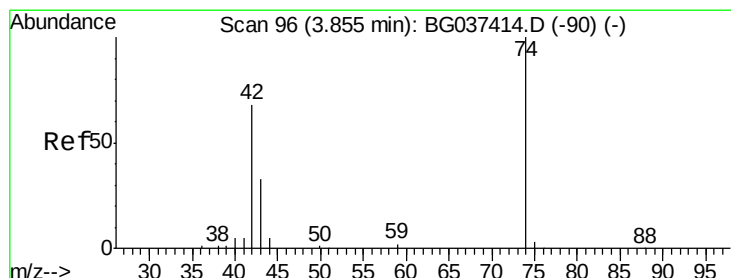
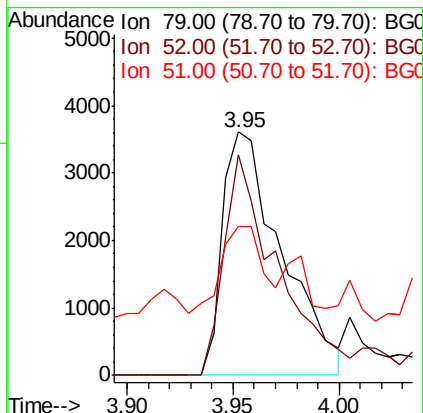
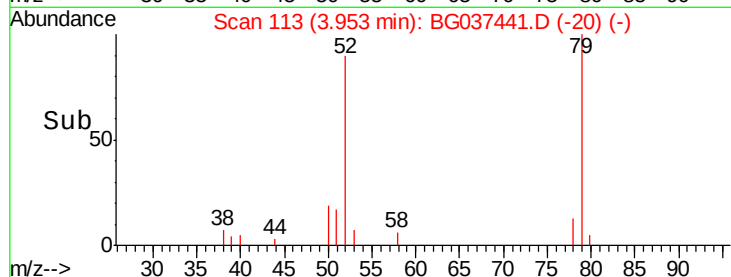
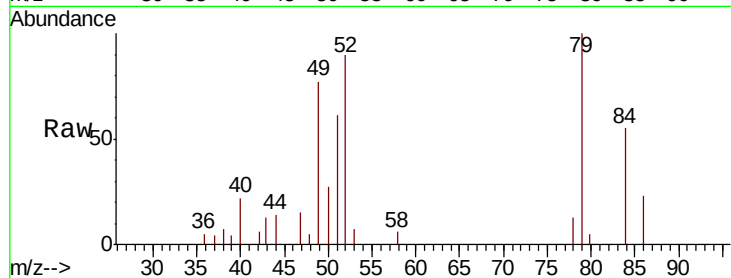
Tot Ion: 79 Resp: 7000

Ion Ratio Lower Upper

79 100

52 90.5 74.2 111.2

51 61.1 34.6 51.8#



#4

n-Nitrosodimethylamine

Concen: 2.113 ng

RT: 3.87 min Scan# 99

Delta R.T. 0.02 min

Lab File: BG037441.D

Acq: 19 Oct 2018 5:48

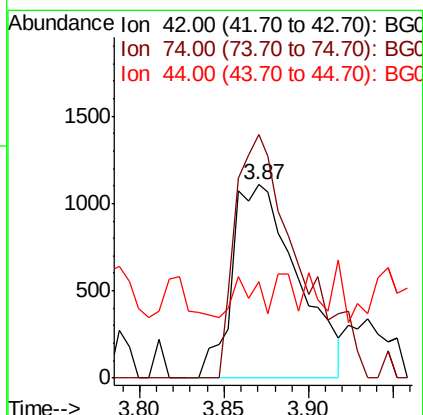
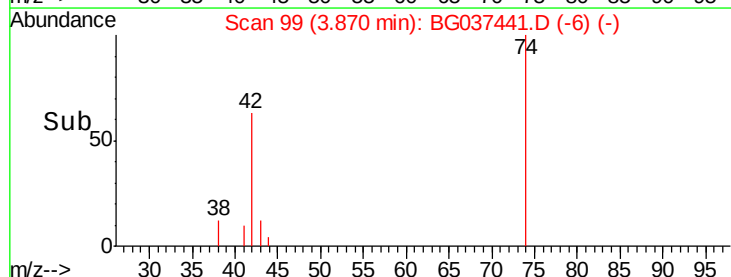
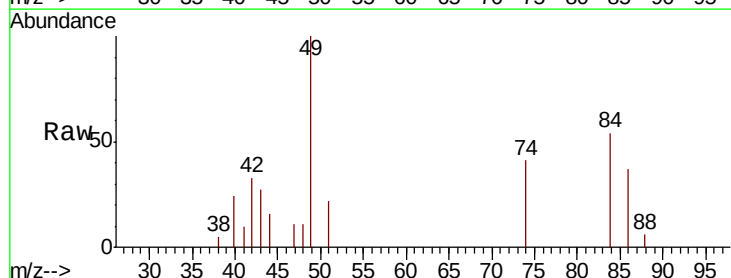
Tgt Ion: 42 Resp: 2960

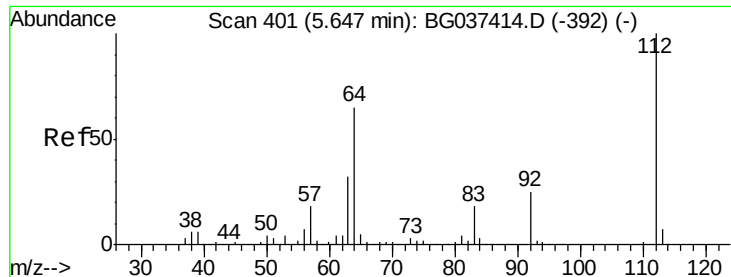
Ion Ratio Lower Upper

42 100

74 126.0 102.0 153.0

44 49.7 9.6 14.4#





#5

2-Fluorophenol

Concen: 138.084 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037441.D

Acq: 19 Oct 2018 5:48

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

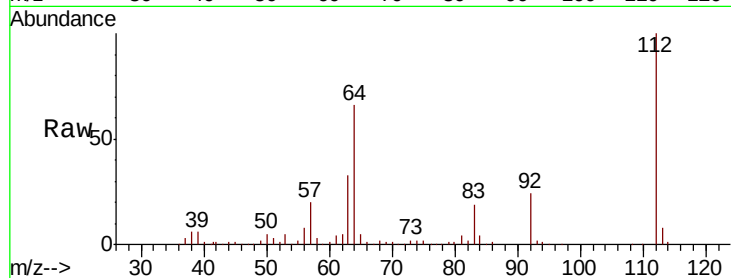
Tot Ion:112 Resp: 424801

Ion Ratio Lower Upper

112 100

64 66.4 53.1 79.7

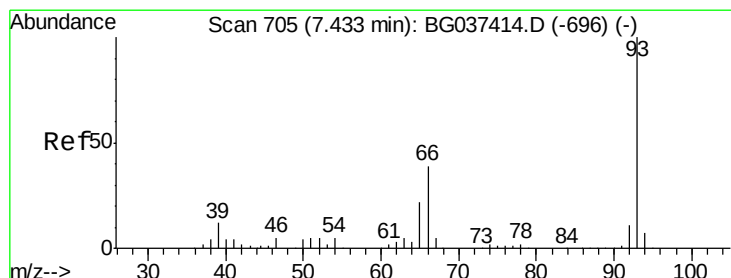
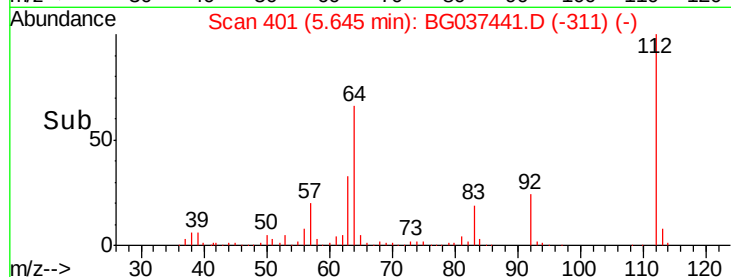
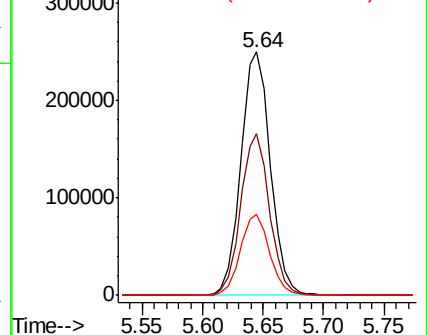
63 33.2 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 1.293 ng

RT: 7.43 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG037441.D

Acq: 19 Oct 2018 5:48

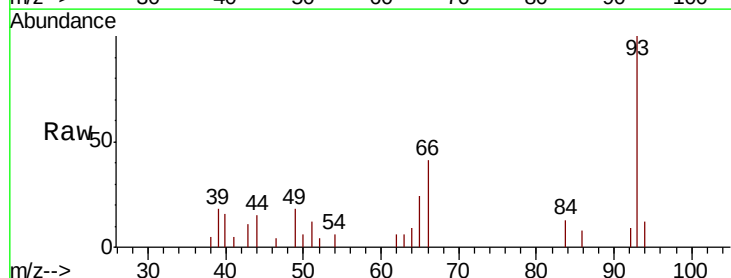
Tgt Ion: 93 Resp: 7340

Ion Ratio Lower Upper

93 100

66 41.2 32.8 49.2

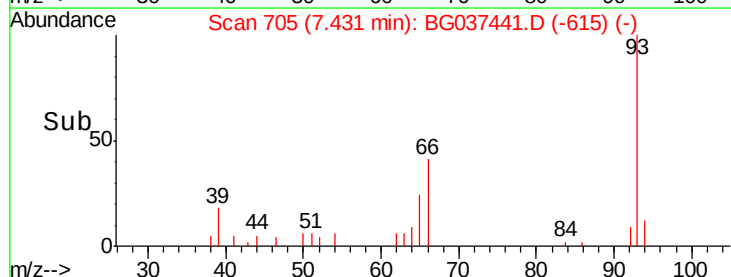
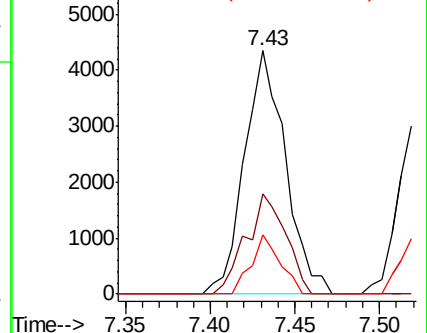
65 24.4 16.4 24.6

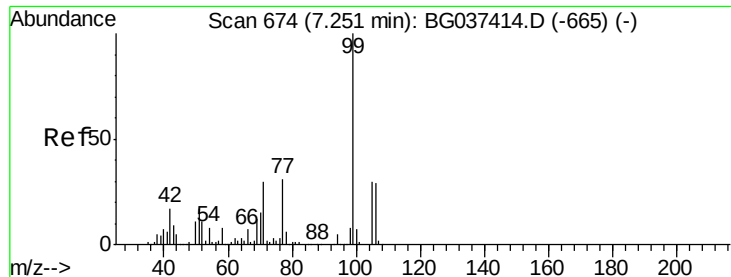


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 134.224 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037441.D

Acq: 19 Oct 2018 5:48

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

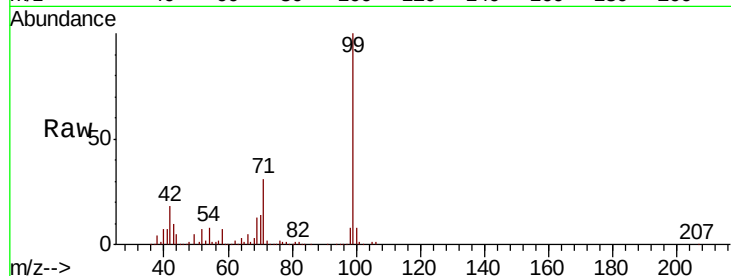
Tot Ion: 99 Resp: 624397

Ion	Ratio	Lower	Upper
99	100		
42	17.9	15.0	22.4
71	31.3	25.5	38.3

99 100

42 17.9 15.0 22.4

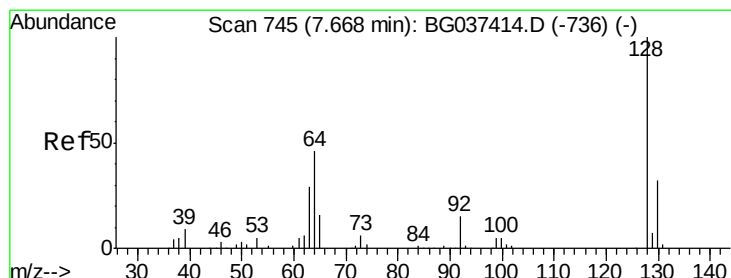
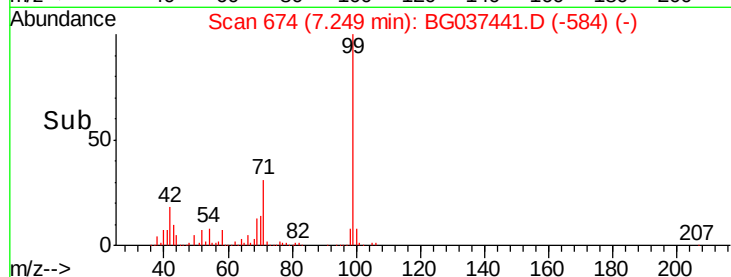
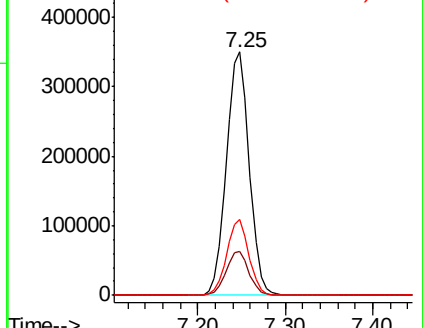
71 31.3 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 2.148 ng

RT: 7.67 min Scan# 745

Delta R.T. -0.00 min

Lab File: BG037441.D

Acq: 19 Oct 2018 5:48

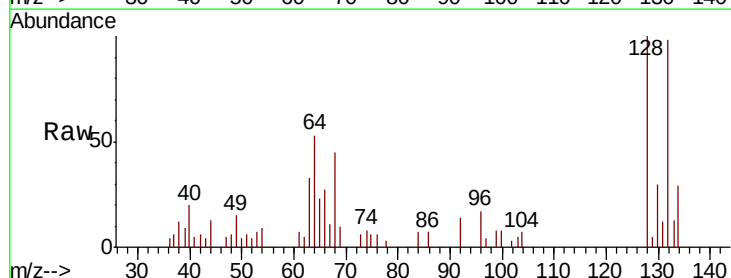
Tgt Ion: 128 Resp: 7731

Ion	Ratio	Lower	Upper
128	100		
130	29.9	12.0	52.0
64	53.3	32.9	72.9

128 100

130 29.9 12.0 52.0

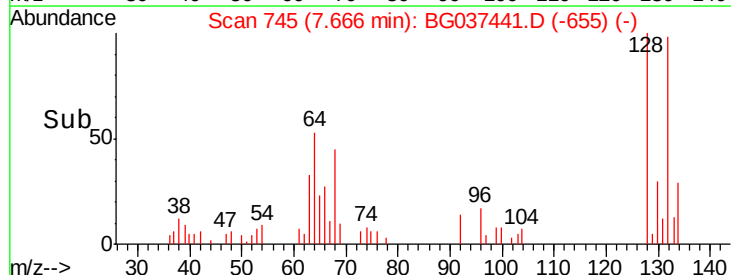
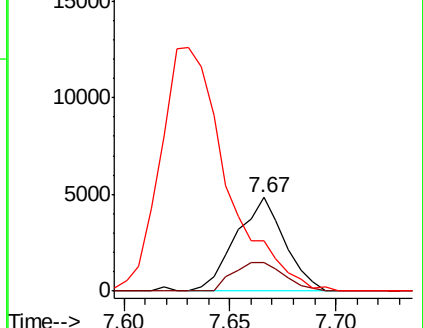
64 53.3 32.9 72.9

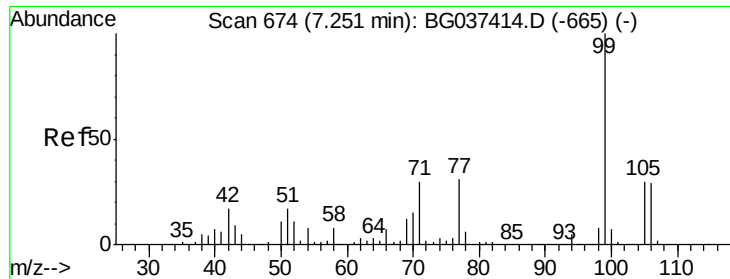


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 2.102 ng

RT: 7.25 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG037441.D

Acq: 19 Oct 2018 5:48

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

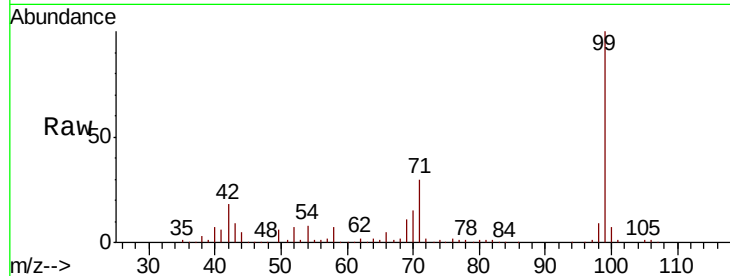
Tot Ion: 77 Resp: 6116

Ion Ratio Lower Upper

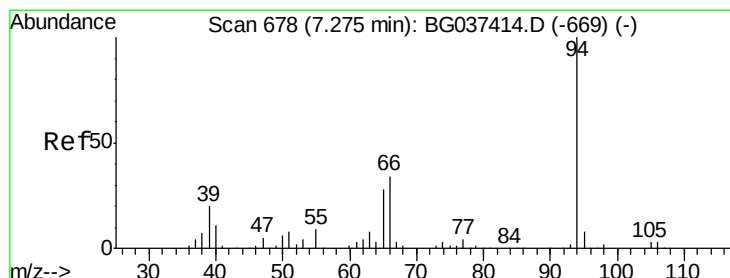
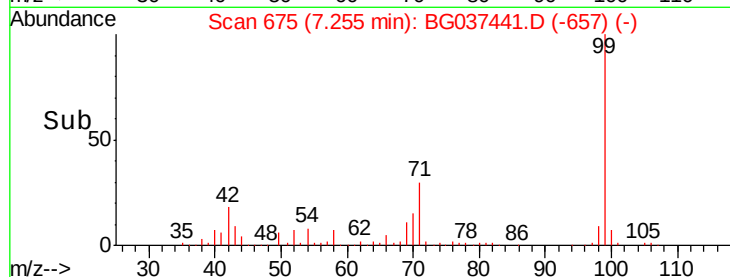
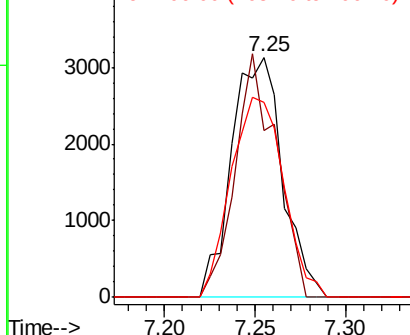
77 100

105 69.5 72.6 112.6#

106 81.1 71.3 111.3



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: 2.035 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037441.D

Acq: 19 Oct 2018 5:48

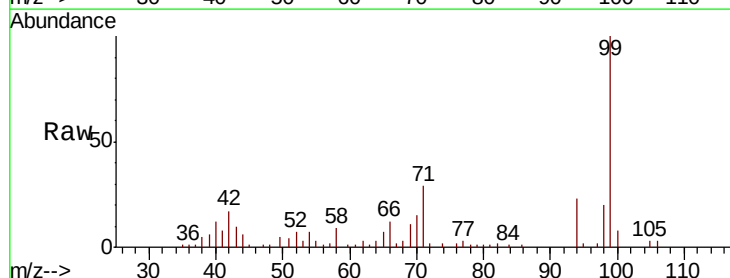
Tgt Ion: 94 Resp: 9987

Ion Ratio Lower Upper

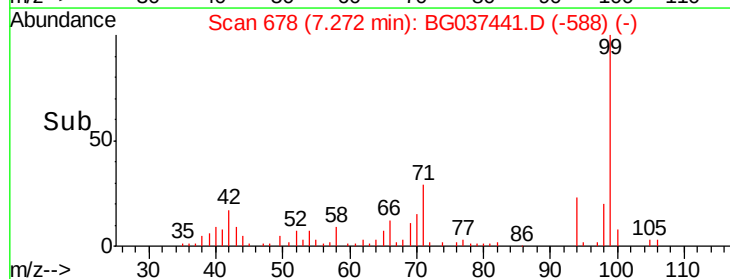
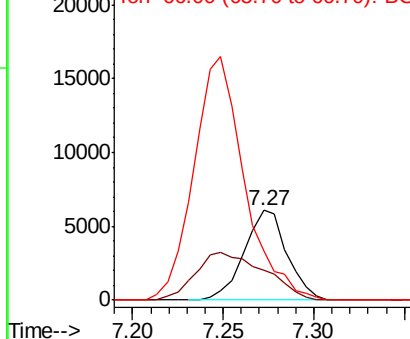
94 100

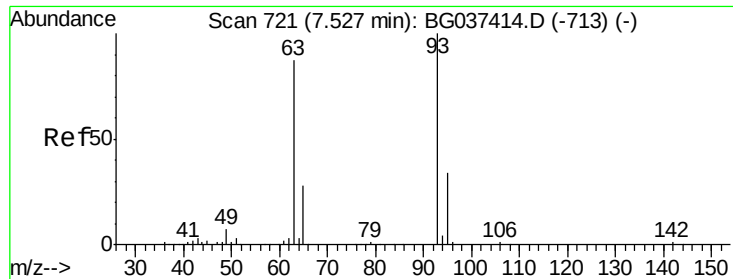
65 33.0 9.7 49.7

66 55.0 15.9 55.9



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



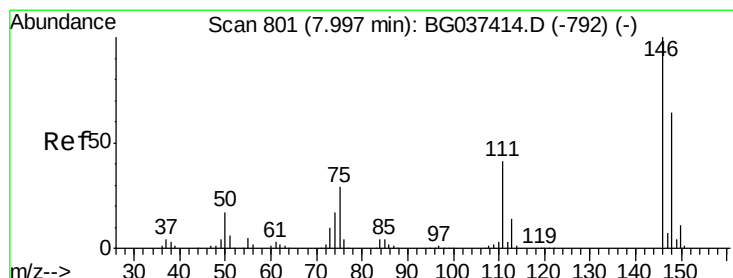
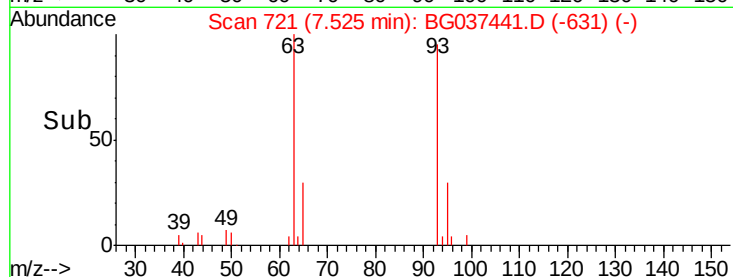
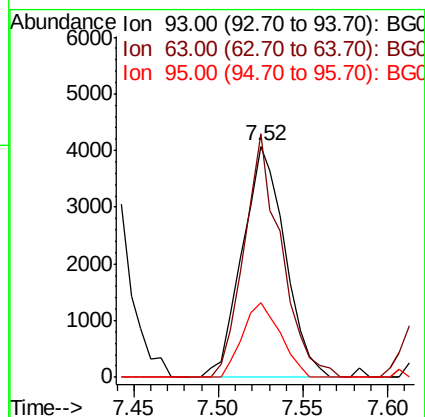
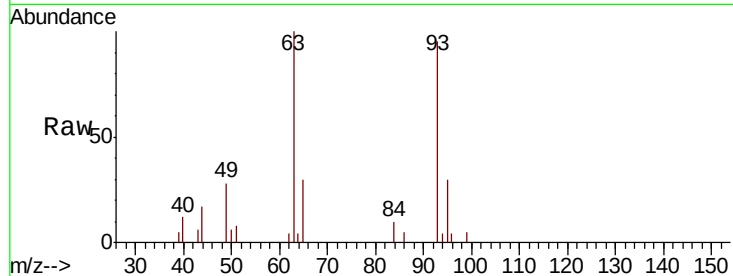


#11

bis(2-Chloroethyl)ether
Concen: 1.911 ng
RT: 7.52 min Scan# 721
Delta R.T. -0.00 min
Lab File: BG037441.D
Acq: 19 Oct 2018 5:48

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

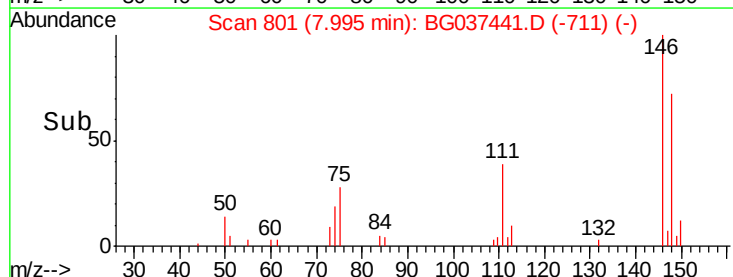
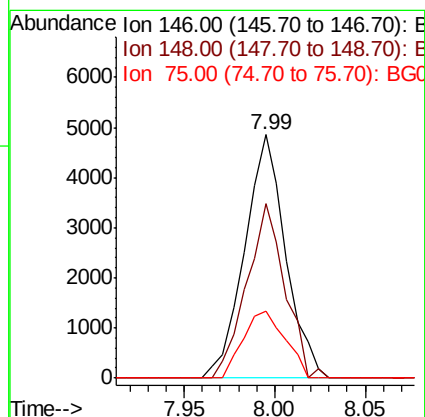
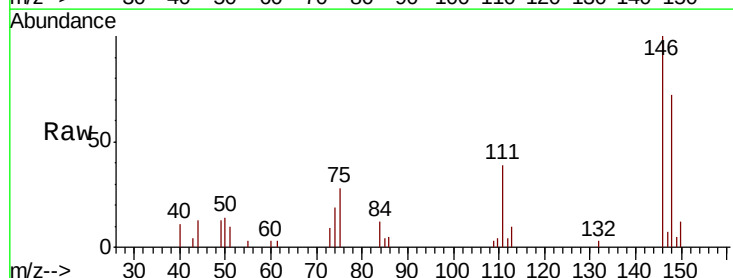
Tot Ion: 93 Resp: 7124
Ion Ratio Lower Upper
93 100
63 105.3 69.5 109.5
95 36.7 12.6 52.6

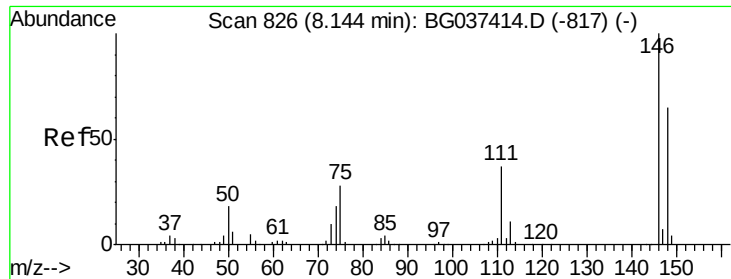


#12

1,3-Dichlorobenzene
Concen: 1.896 ng
RT: 7.99 min Scan# 801
Delta R.T. -0.00 min
Lab File: BG037441.D
Acq: 19 Oct 2018 5:48

Tgt Ion: 146 Resp: 7598
Ion Ratio Lower Upper
146 100
148 71.7 49.8 74.8
75 27.6 23.2 34.8

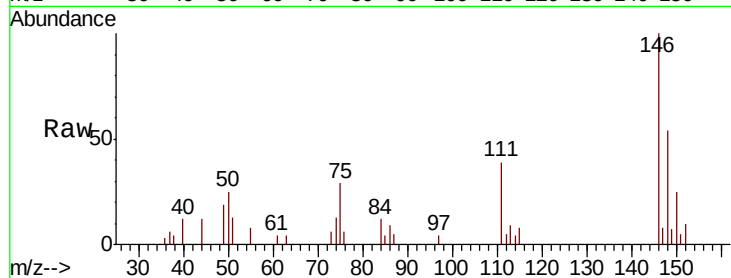




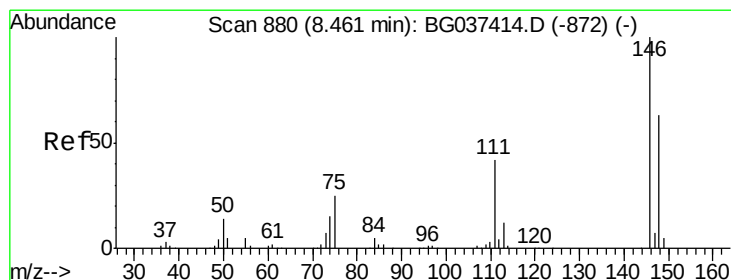
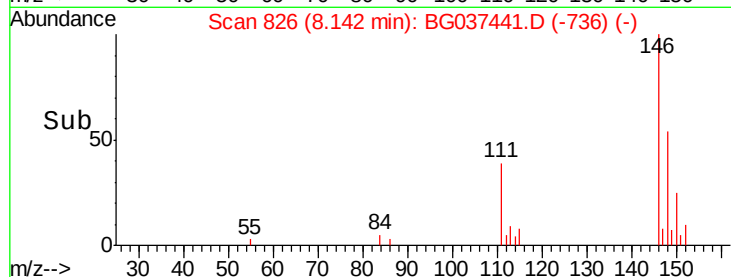
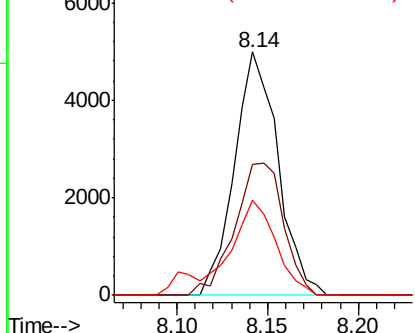
#13
 1,4-Dichlorobenzene
 Concen: 2.034 ng
 RT: 8.14 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BG037441.D
 Acq: 19 Oct 2018 5:48

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT4-2018

Tot Ion:146 Resp: 8338
 Ion Ratio Lower Upper
 146 100
 148 53.6 51.0 76.6
 111 38.9 32.4 48.6

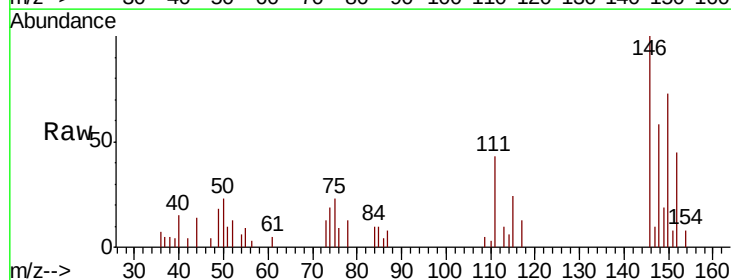


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

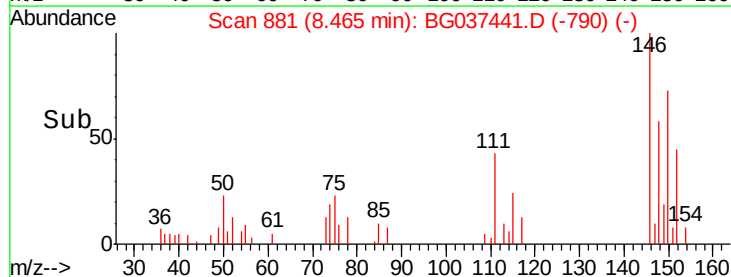
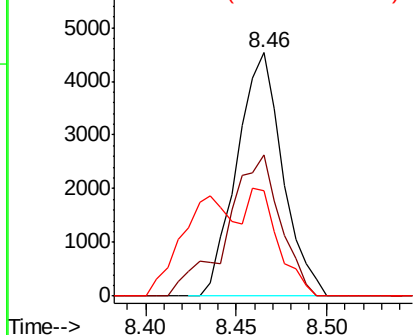


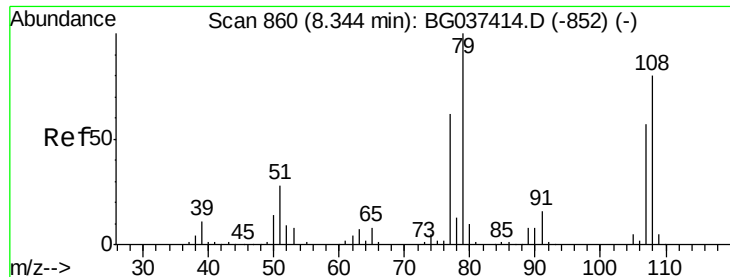
#14
 1,2-Dichlorobenzene
 Concen: 2.014 ng
 RT: 8.46 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BG037441.D
 Acq: 19 Oct 2018 5:48

Tgt Ion:146 Resp: 7939
 Ion Ratio Lower Upper
 146 100
 148 58.0 50.4 75.6
 111 43.4 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 1.859 ng

RT: 8.35 min Scan# 861

Delta R.T. 0.00 min

Lab File: BG037441.D

Acq: 19 Oct 2018 5:48

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

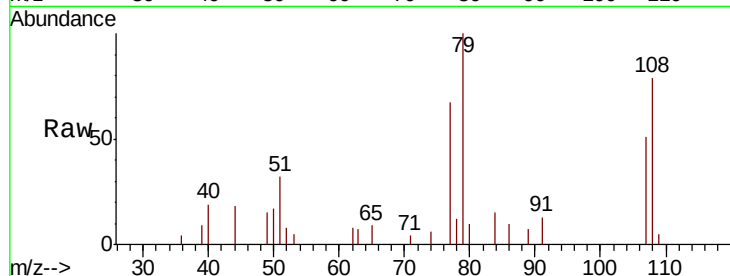
Tot Ion: 79 Resp: 6390

Ion Ratio Lower Upper

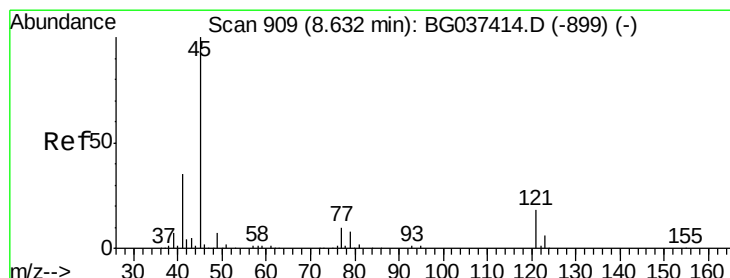
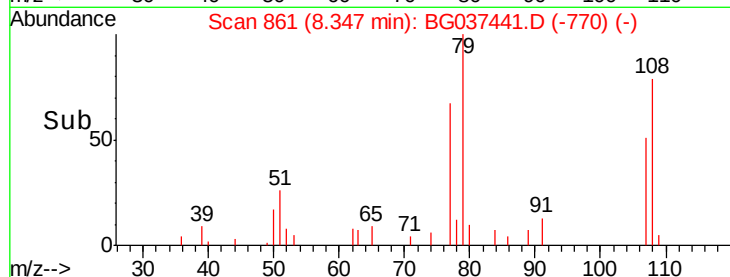
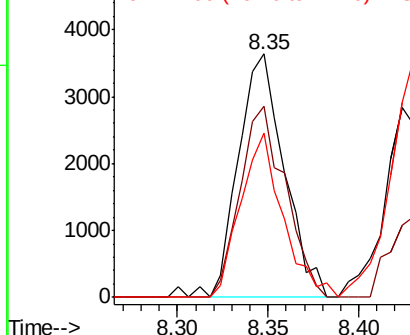
79 100

108 78.8 65.8 98.8

77 67.3 52.9 79.3



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 2.015 ng

RT: 8.64 min Scan# 910

Delta R.T. 0.00 min

Lab File: BG037441.D

Acq: 19 Oct 2018 5:48

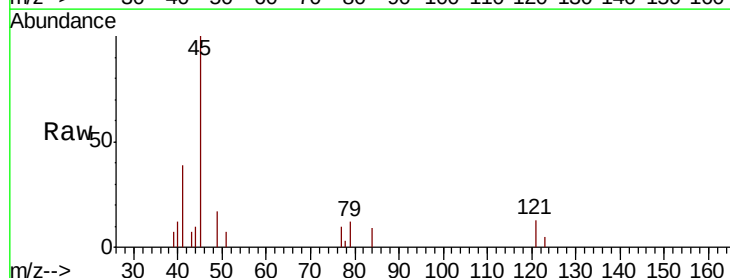
Tgt Ion: 45 Resp: 13441

Ion Ratio Lower Upper

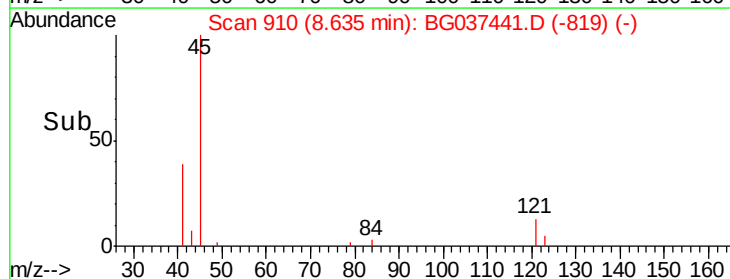
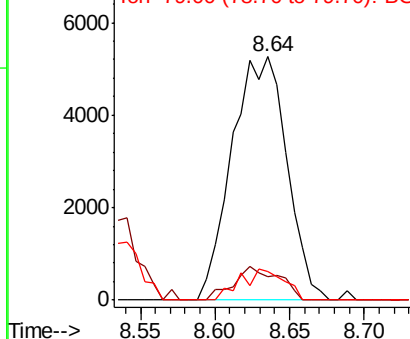
45 100

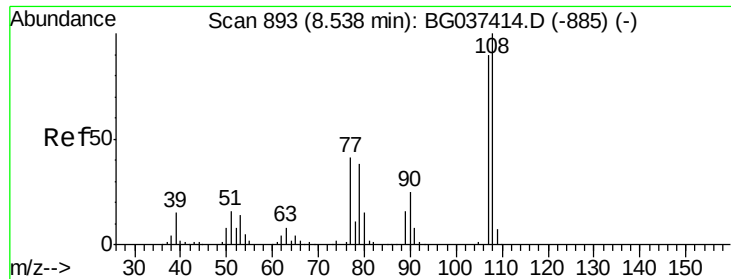
77 9.7 0.0 30.0

79 11.6 0.0 29.0



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 1.896 ng

RT: 8.54 min Scan# 893

Delta R.T. -0.00 min

Lab File: BG037441.D

Acq: 19 Oct 2018 5:48

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

Tot Ion:107 Resp: 6153

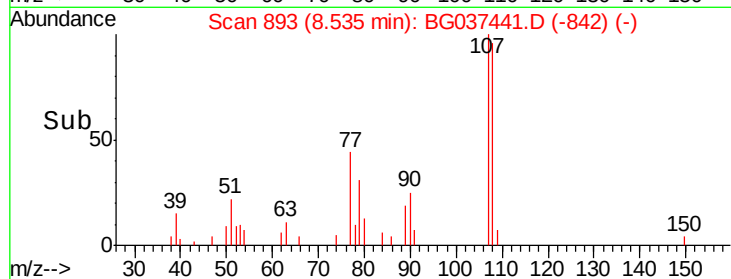
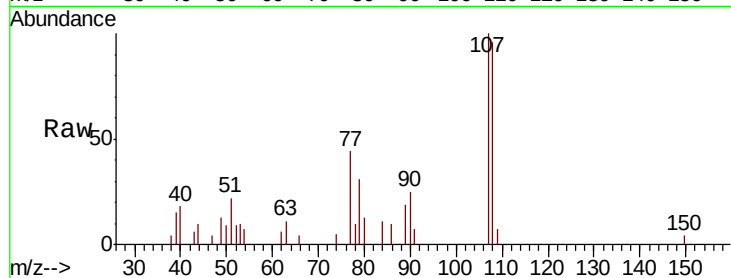
Ion Ratio Lower Upper

107 100

108 96.5 87.9 131.9

77 44.1 35.1 52.7

79 31.4 34.5 51.7#

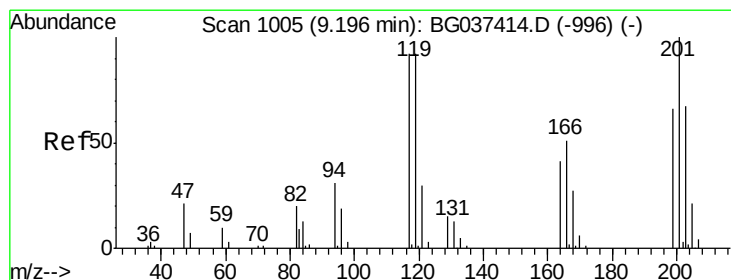
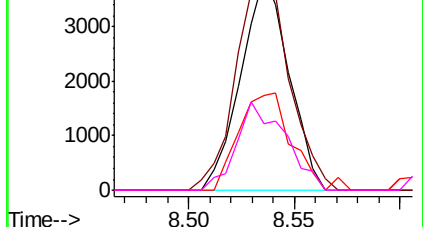


Abundance Ion 107.00 (106.70 to 107.70): E

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



#18

Hexachloroethane

Concen: 1.935 ng

RT: 9.20 min Scan# 1006

Delta R.T. 0.00 min

Lab File: BG037441.D

Acq: 19 Oct 2018 5:48

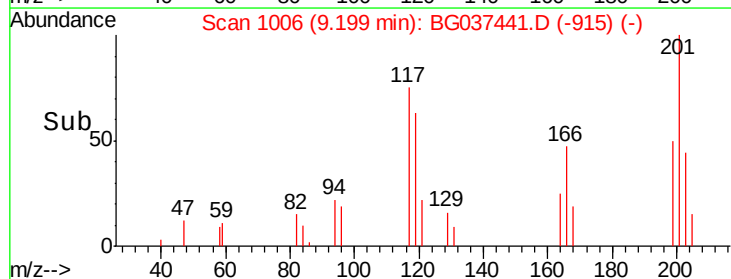
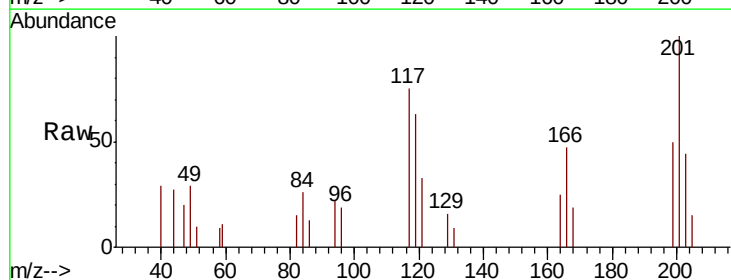
Tgt Ion:117 Resp: 2703

Ion Ratio Lower Upper

117 100

119 84.5 74.6 111.8

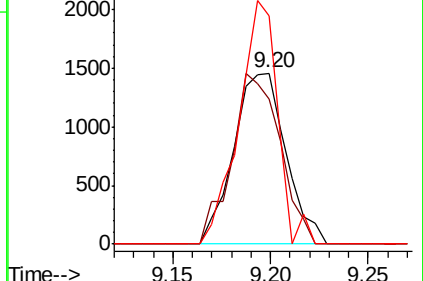
201 133.5 80.8 121.2#

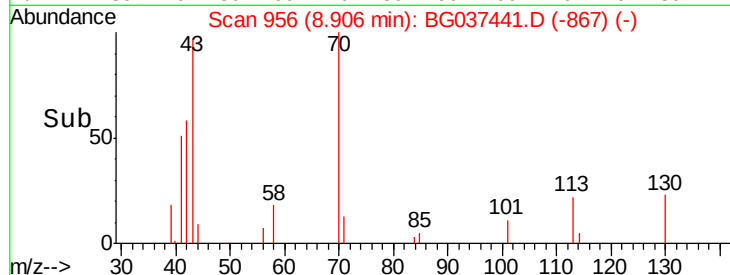
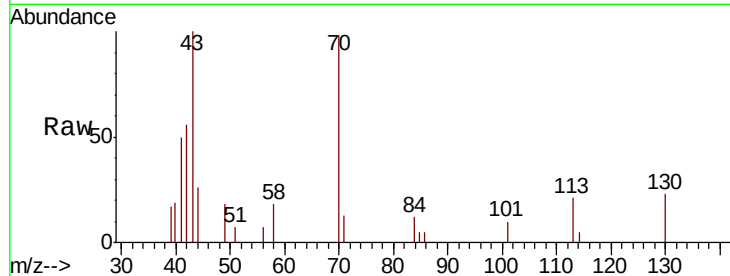
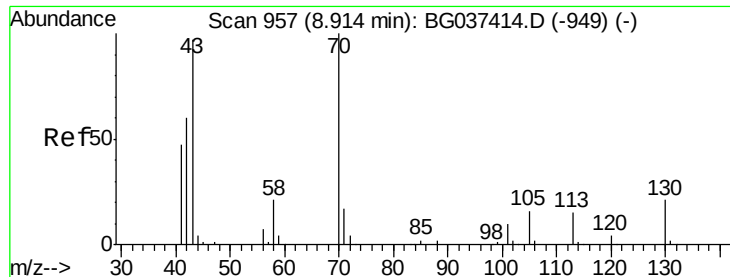


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

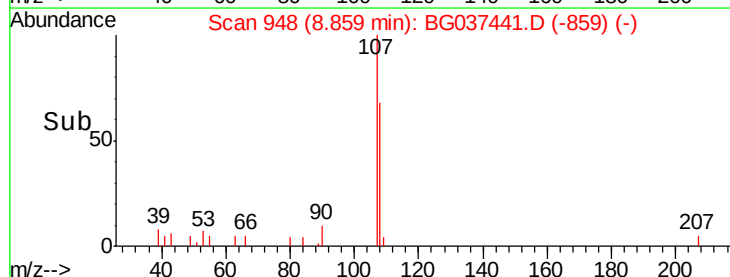
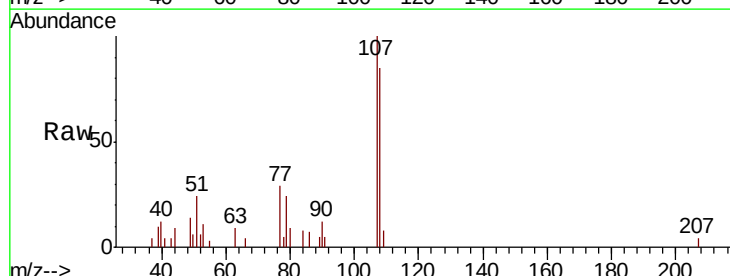
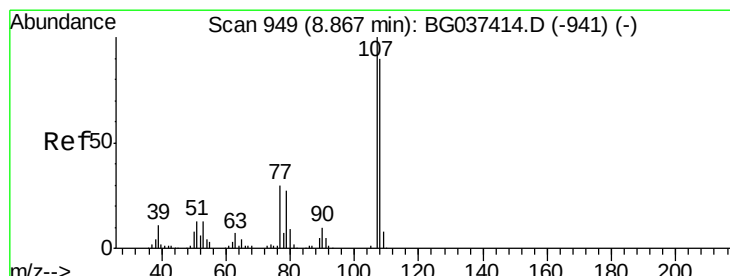
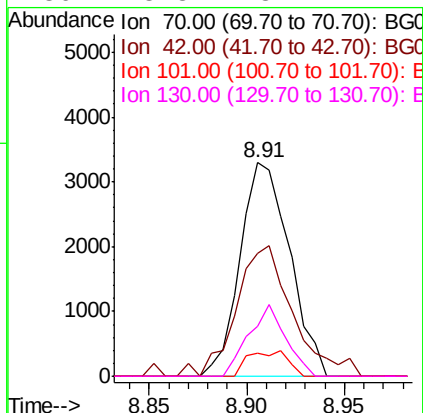




#19
n-Nitroso-di-n-propylamine
Concen: 1.809 ng
RT: 8.91 min Scan# 956
Delta R.T. -0.01 min
Lab File: BG037441.D
Acq: 19 Oct 2018 5:48

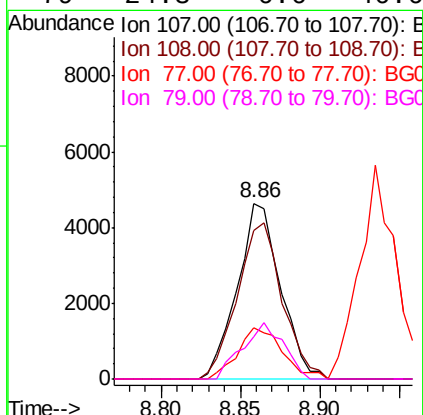
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

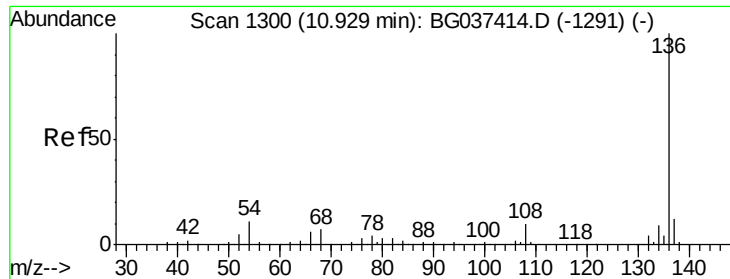
Tot Ion:	70	Resp:	5795
Ion	Ratio	Lower	Upper
70	100		
42	57.5	53.9	80.9
101	10.7	8.2	12.2
130	23.3	18.2	27.4



#20
3+4-Methylphenols
Concen: 1.888 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG037441.D
Acq: 19 Oct 2018 5:48

Tgt Ion:	107	Resp:	8758
Ion	Ratio	Lower	Upper
107	100		
108	84.9	69.9	109.9
77	29.3	11.2	51.2
79	24.3	6.6	46.6

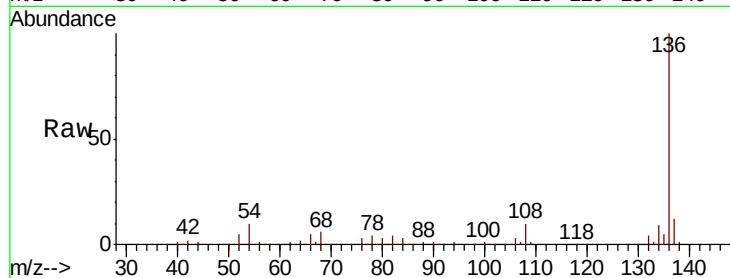




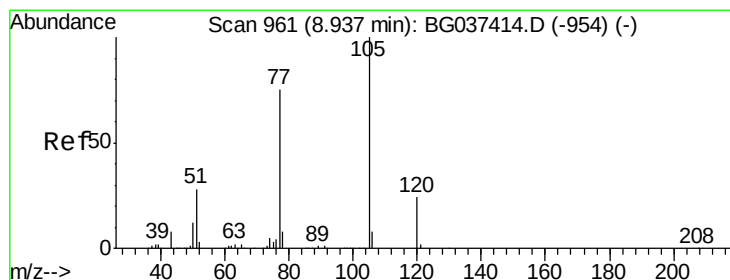
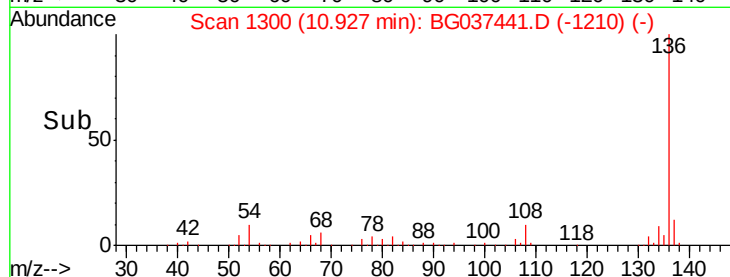
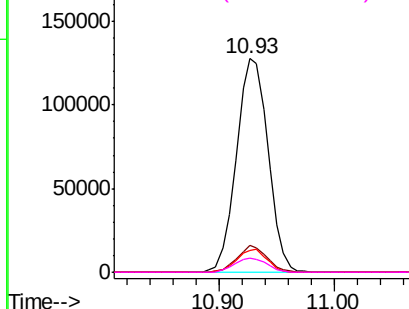
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037441.D
Acq: 19 Oct 2018 5:48

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

Tot Ion:136	Resp:	242085
Ion Ratio	Lower	Upper
136	100	
137	12.3	9.6 14.4
54	10.0	7.9 11.9
68	6.4	4.8 7.2

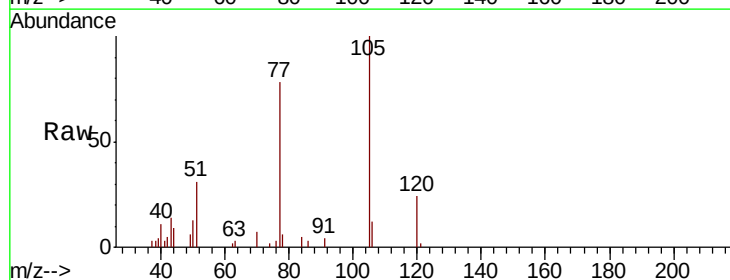


Abundance Ion 136.00 (135.70 to 136.70): E
200000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

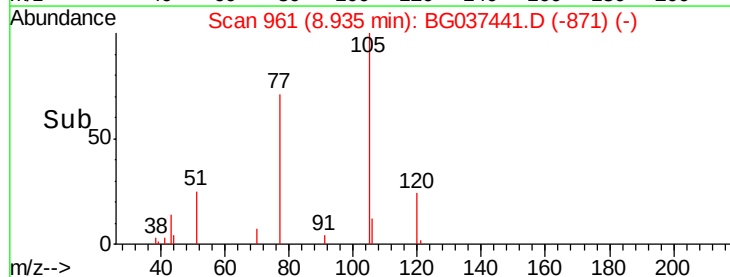
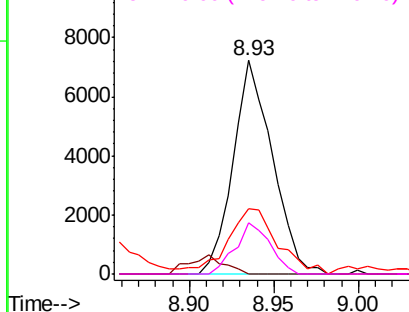


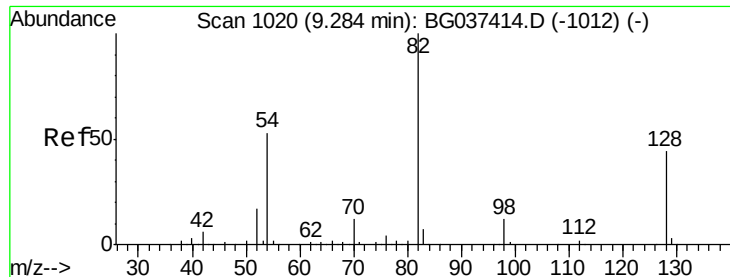
#22
Acetophenone
Concen: 1.921 ng
RT: 8.93 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG037441.D
Acq: 19 Oct 2018 5:48

Tgt Ion:105	Resp:	11663
Ion Ratio	Lower	Upper
105	100	
71	0.0	1.2 1.8#
51	30.5	25.0 37.6
120	23.7	18.6 28.0



Abundance Ion 105.00 (104.70 to 105.70): E
10000
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

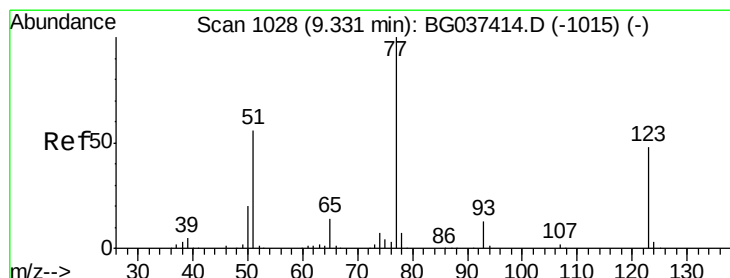
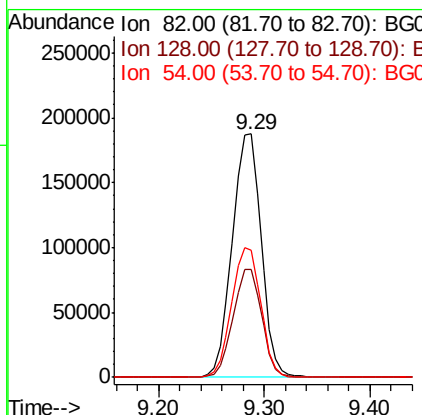
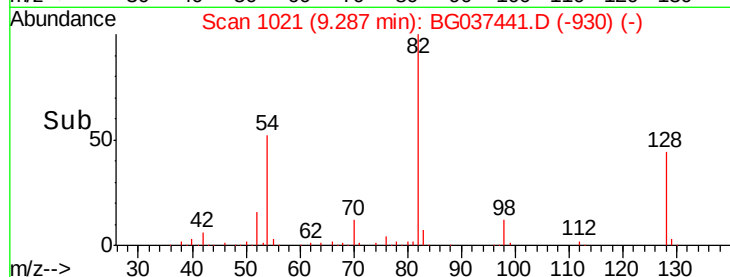
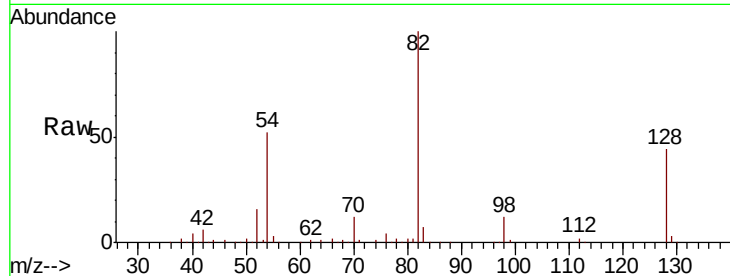




#23
 Nitrobenzene-d5
 Concen: 82.346 ng
 RT: 9.29 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BG037441.D
 Acq: 19 Oct 2018 5:48

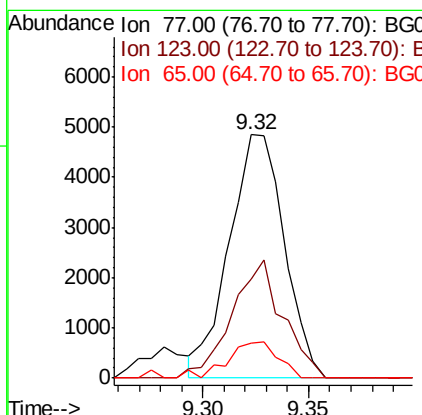
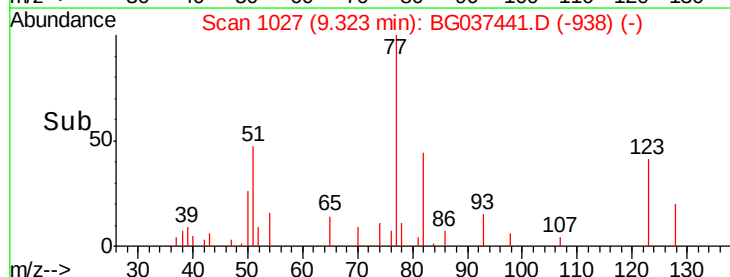
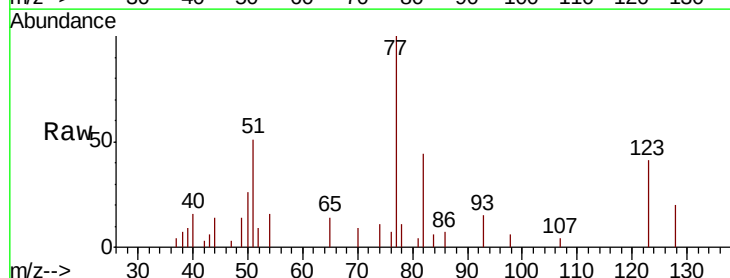
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT4-2018

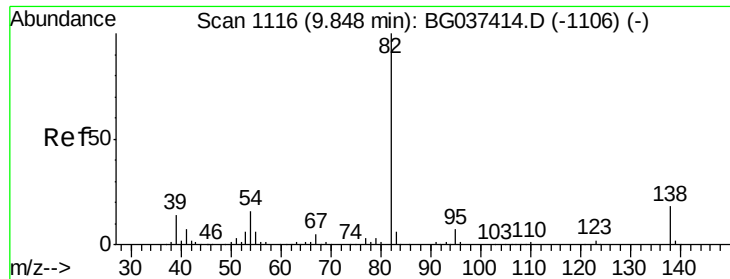
Tot Ion: 82 Resp: 355858
 Ion Ratio Lower Upper
 82 100
 128 44.4 34.6 51.8
 54 52.1 45.3 67.9



#24
 Nitrobenzene
 Concen: 1.952 ng
 RT: 9.32 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BG037441.D
 Acq: 19 Oct 2018 5:48

Tgt Ion: 77 Resp: 8762
 Ion Ratio Lower Upper
 77 100
 123 40.8 33.6 50.4
 65 14.2 11.3 16.9





#25

Isophorone

Concen: 2.016 ng

RT: 9.84 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BG037441.D

Acq: 19 Oct 2018 5:48

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

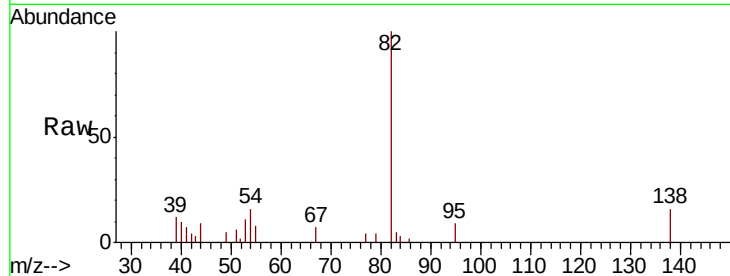
Tot Ion: 82 Resp: 15915

Ion Ratio Lower Upper

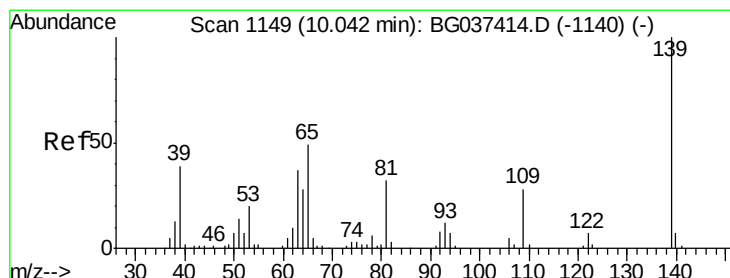
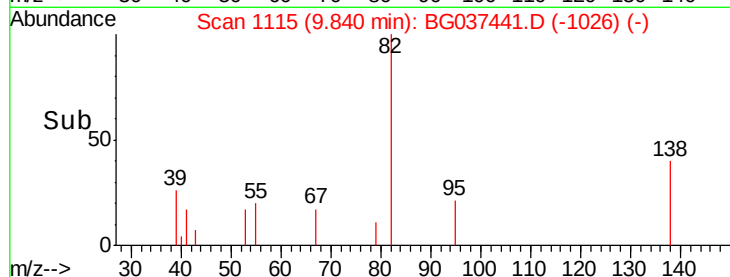
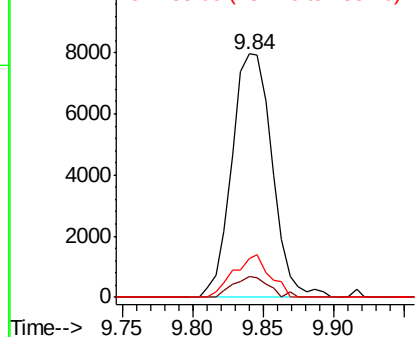
82 100

95 8.5 5.3 7.9#

138 15.9 13.3 19.9



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: 1.551 ng

RT: 10.04 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BG037441.D

Acq: 19 Oct 2018 5:48

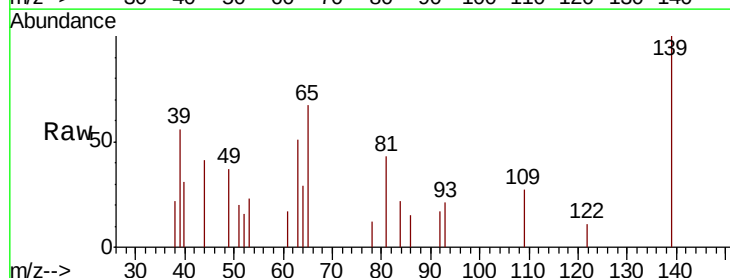
Tgt Ion: 139 Resp: 3136

Ion Ratio Lower Upper

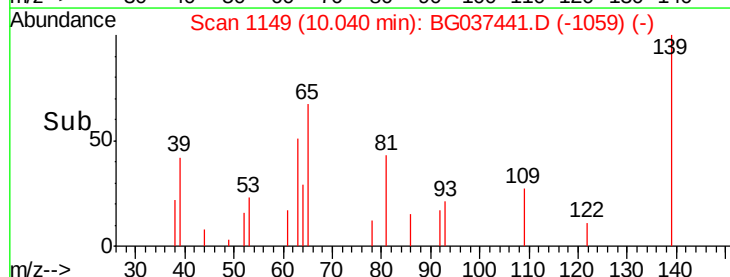
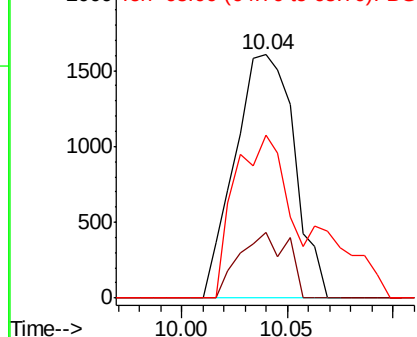
139 100

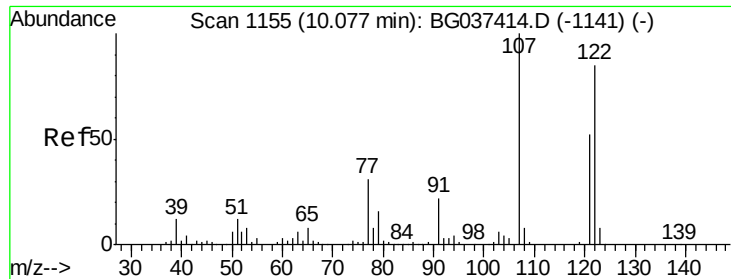
109 26.8 23.3 34.9

65 67.0 39.8 59.8#



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

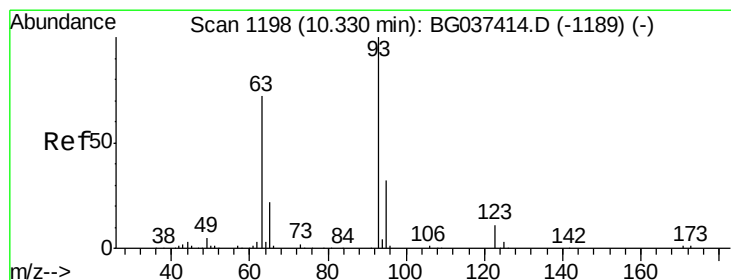
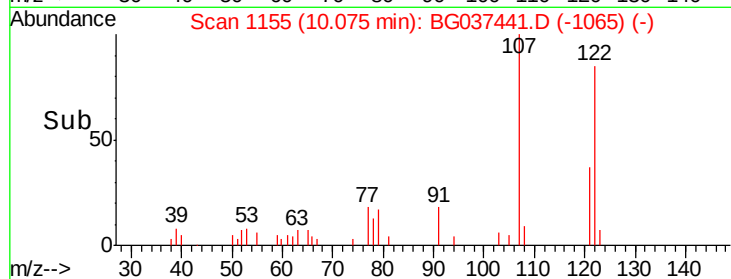
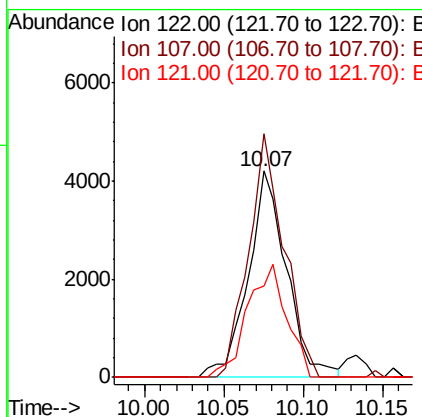
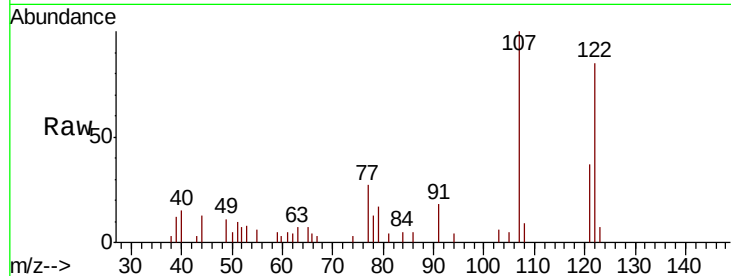




#27
 2,4-Dimethylphenol
 Concen: 1.951 ng
 RT: 10.07 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: BG037441.D
 Acq: 19 Oct 2018 5:48

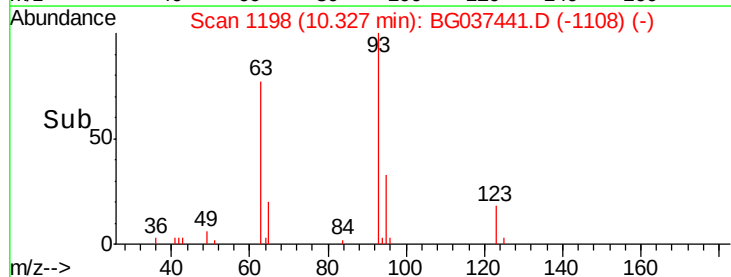
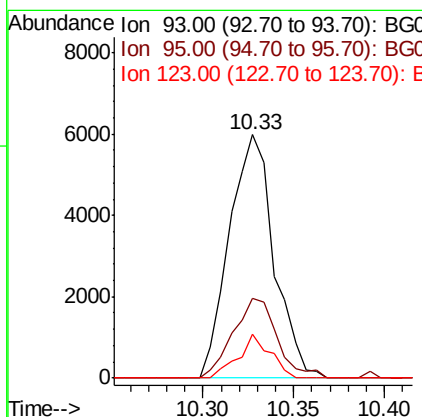
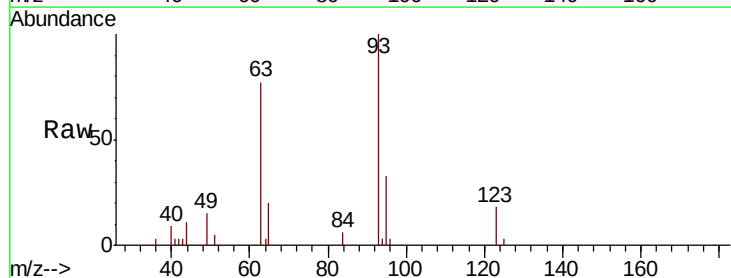
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT4-2018

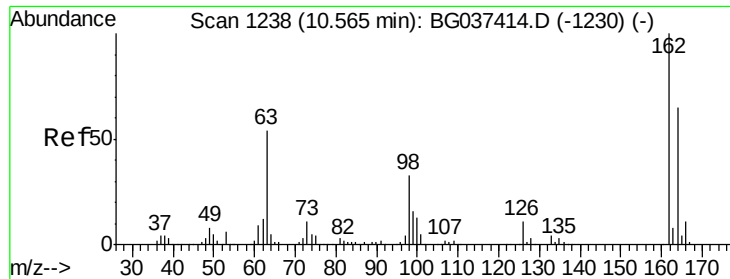
Tot Ion:122 Resp: 7044
 Ion Ratio Lower Upper
 122 100
 107 118.2 94.2 141.2
 121 44.2 47.3 70.9#



#28
 bis(2-Chloroethoxy)methane
 Concen: 1.973 ng
 RT: 10.33 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BG037441.D
 Acq: 19 Oct 2018 5:48

Tgt Ion: 93 Resp: 10209
 Ion Ratio Lower Upper
 93 100
 95 32.9 24.6 37.0
 123 18.2 9.1 13.7#

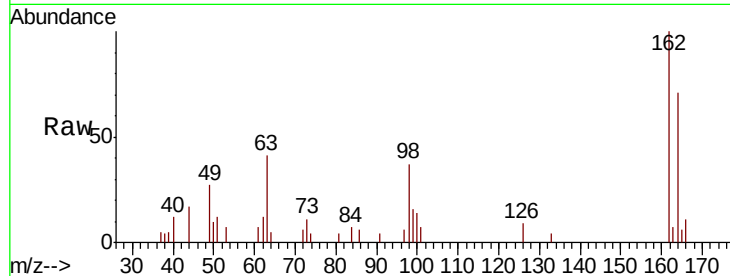




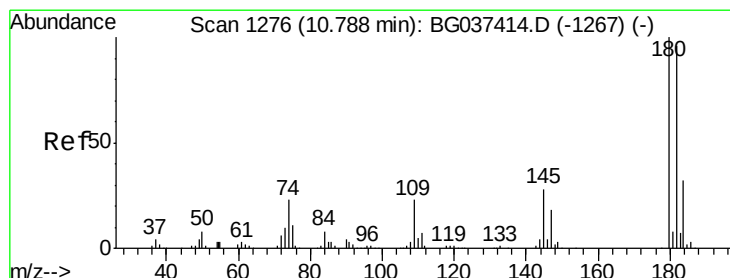
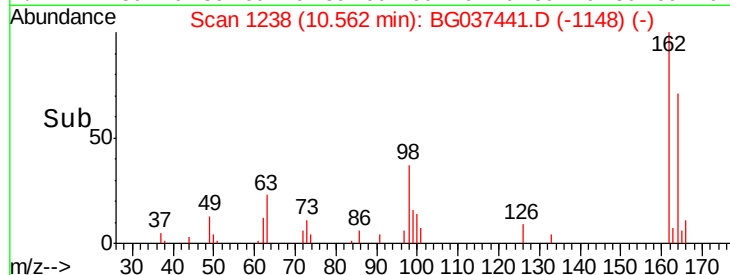
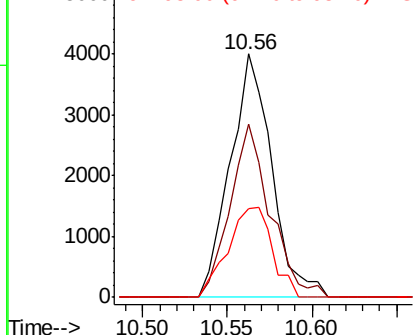
#29
 2,4-Dichlorophenol
 Concen: 1.710 ng
 RT: 10.56 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BG037441.D
 Acq: 19 Oct 2018 5:48

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT4-2018

Tot Ion:162 Resp: 6875
 Ion Ratio Lower Upper
 162 100
 164 70.9 43.2 83.2
 98 36.5 16.0 56.0

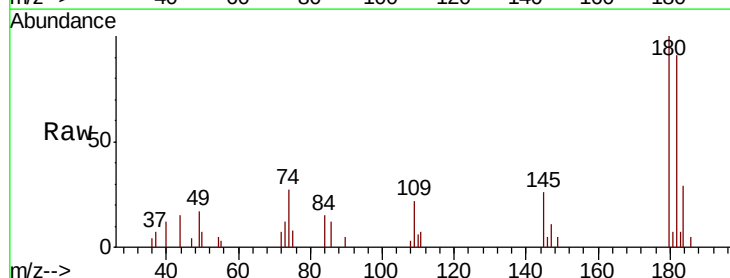


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

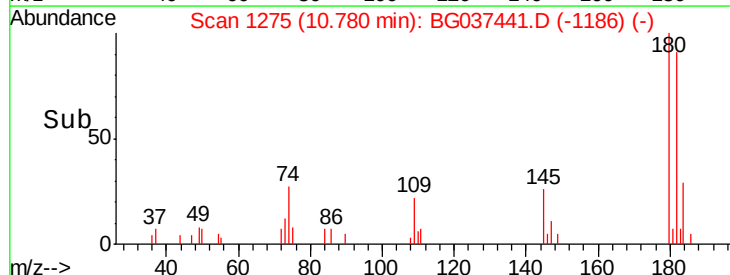
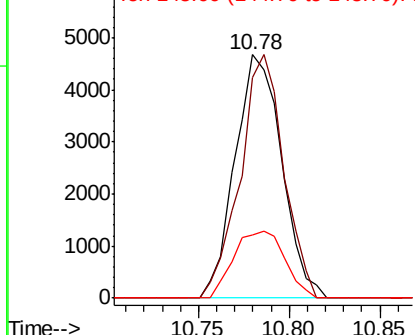


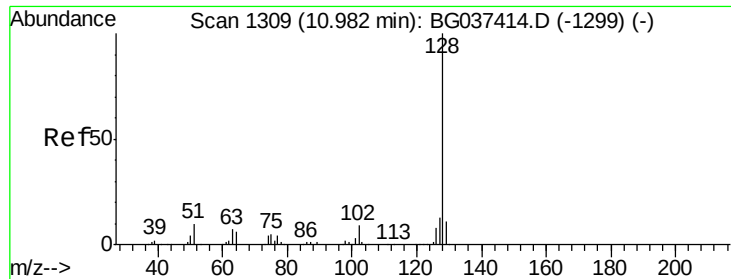
#30
 1,2,4-Trichlorobenzene
 Concen: 1.913 ng
 RT: 10.78 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: BG037441.D
 Acq: 19 Oct 2018 5:48

Tgt Ion:180 Resp: 8366
 Ion Ratio Lower Upper
 180 100
 182 90.6 77.7 116.5
 145 25.7 23.3 34.9



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

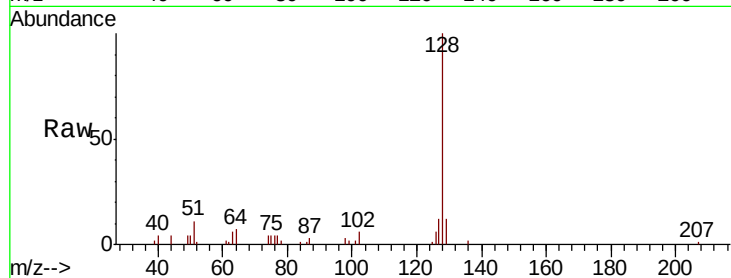




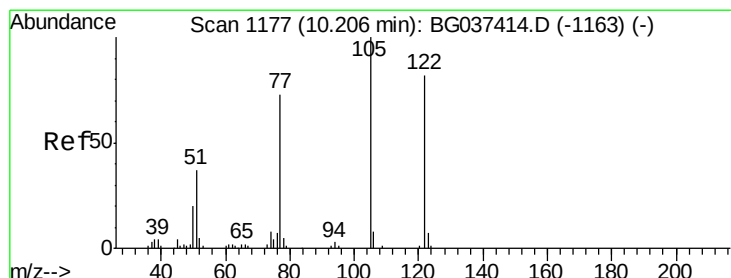
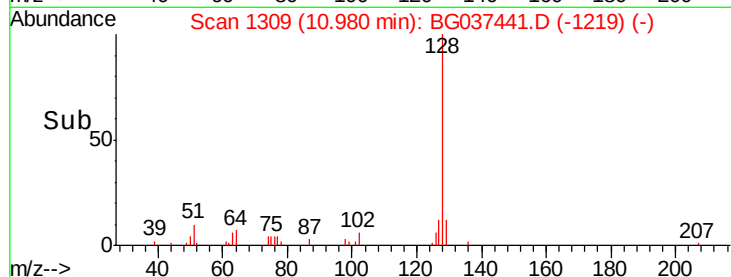
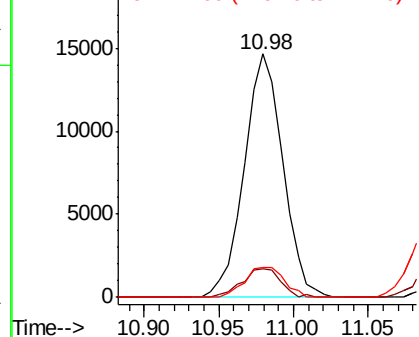
#31
Naphthalene
Concen: 2.204 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG037441.D
Acq: 19 Oct 2018 5:48

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

Tot Ion:128 Resp: 26212
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 12.3 11.1 16.7

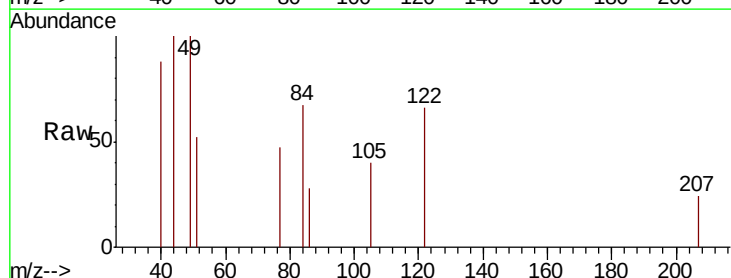


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

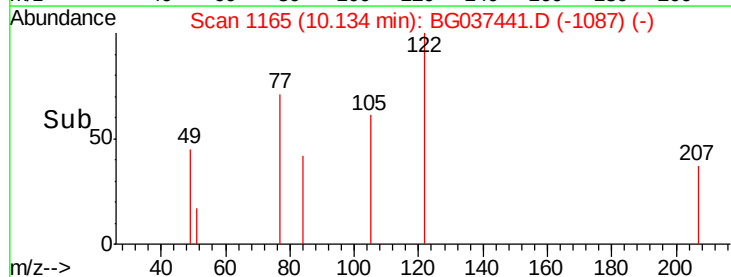
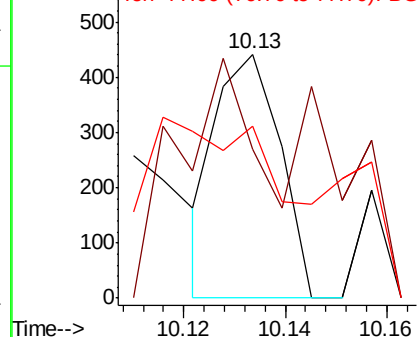


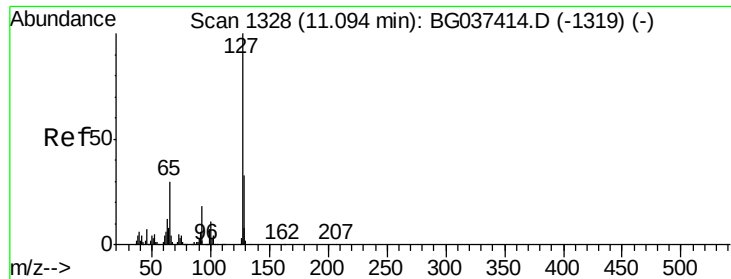
#32
Benzoic acid
Concen: 0.165 ng
RT: 10.13 min Scan# 1165
Delta R.T. -0.07 min
Lab File: BG037441.D
Acq: 19 Oct 2018 5:48

Tgt Ion:122 Resp: 387
Ion Ratio Lower Upper
122 100
105 61.0 106.7 146.7#
77 70.5 72.2 112.2#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

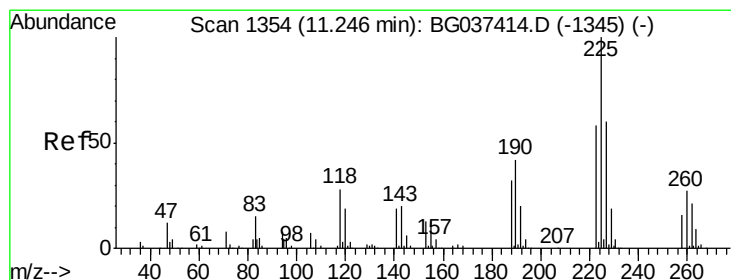
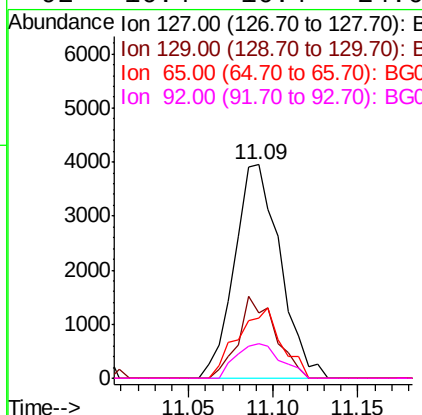
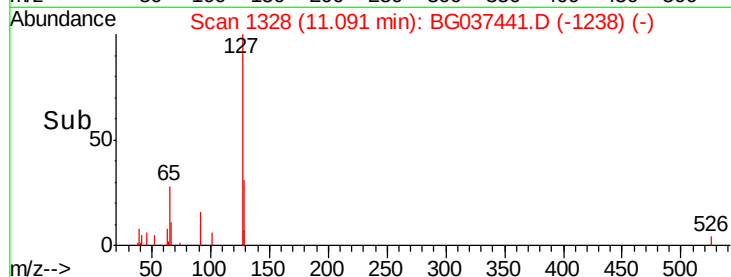
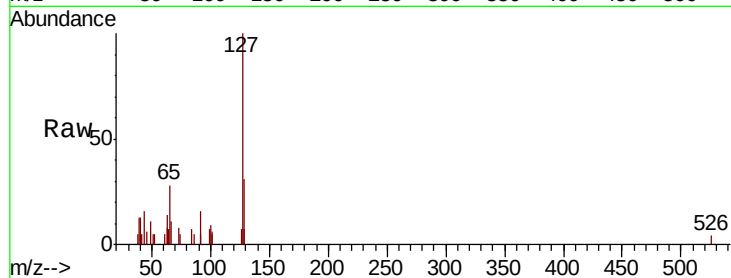




#33
4-Chloroaniline
Concen: 1.328 ng
RT: 11.09 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BG037441.D
Acq: 19 Oct 2018 5:48

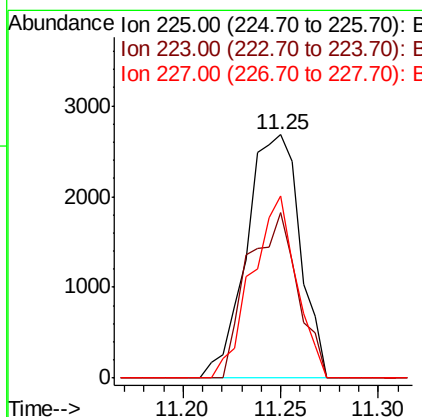
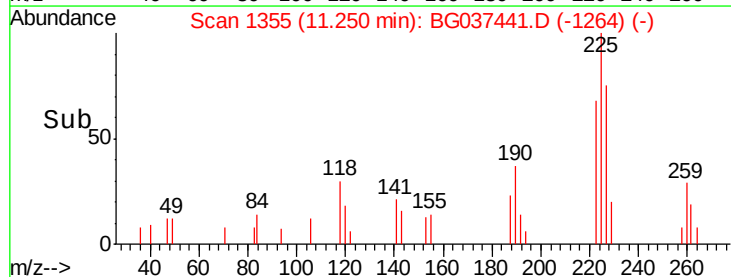
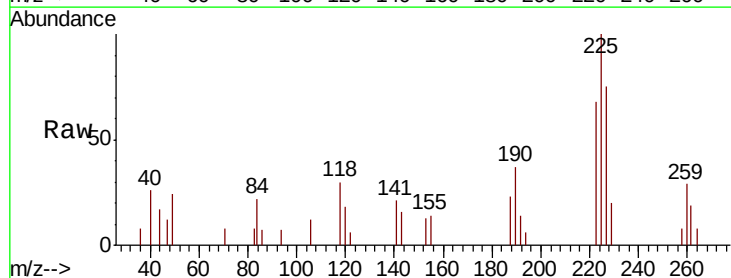
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

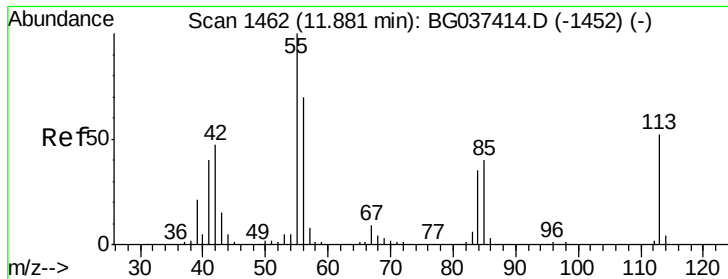
Tot Ion:127 Resp: 7422
Ion Ratio Lower Upper
127 100
129 30.7 27.1 40.7
65 28.0 26.6 39.8
92 16.4 16.4 24.6#



#34
Hexachlorobutadiene
Concen: 1.952 ng
RT: 11.25 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BG037441.D
Acq: 19 Oct 2018 5:48

Tgt Ion:225 Resp: 5058
Ion Ratio Lower Upper
225 100
223 67.9 48.2 72.4
227 75.0 51.6 77.4





#35

Caprolactam

Concen: 0.069 ng

RT: 11.90 min Scan# 1465

Delta R.T. 0.02 min

Lab File: BG037441.D

Acq: 19 Oct 2018 5:48

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

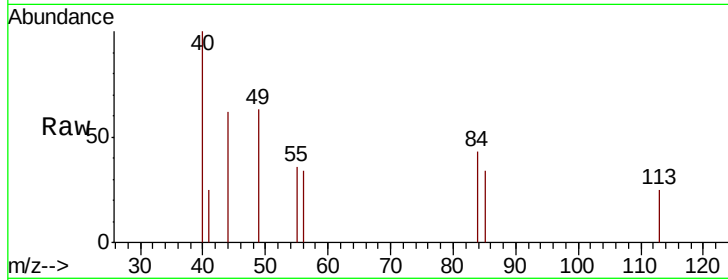
Tot Ion:113 Resp: 112

Ion Ratio Lower Upper

113 100

55 147.0 176.6 216.6#

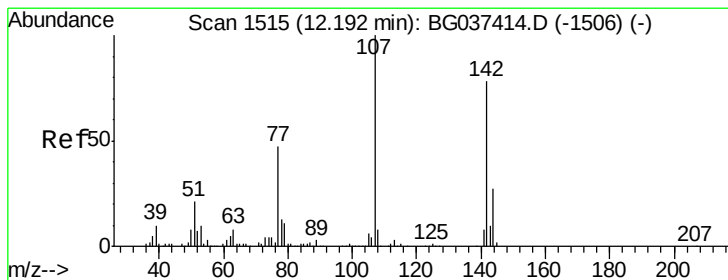
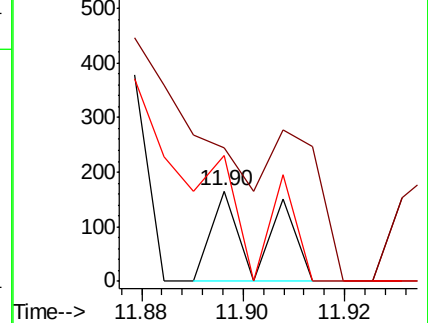
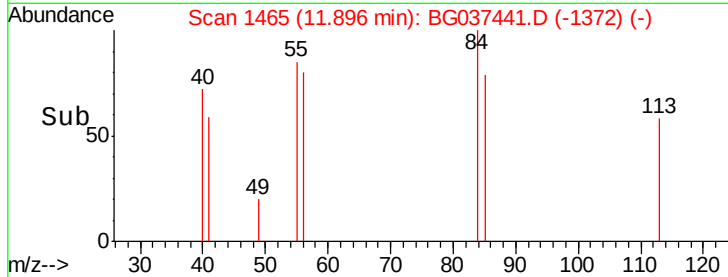
56 139.2 128.3 168.3



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: 1.695 ng

RT: 12.18 min Scan# 1514

Delta R.T. -0.01 min

Lab File: BG037441.D

Acq: 19 Oct 2018 5:48

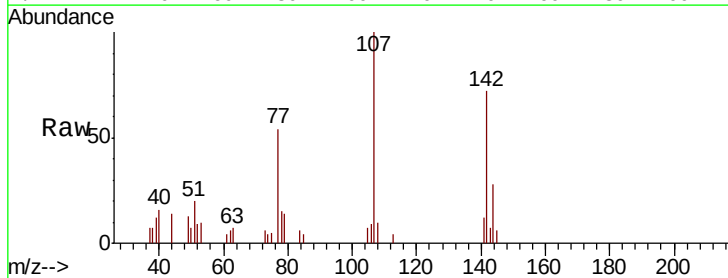
Tgt Ion:107 Resp: 7684

Ion Ratio Lower Upper

107 100

144 28.1 20.7 31.1

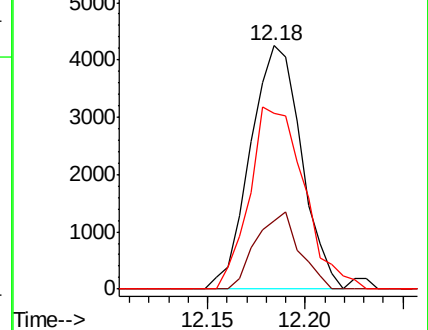
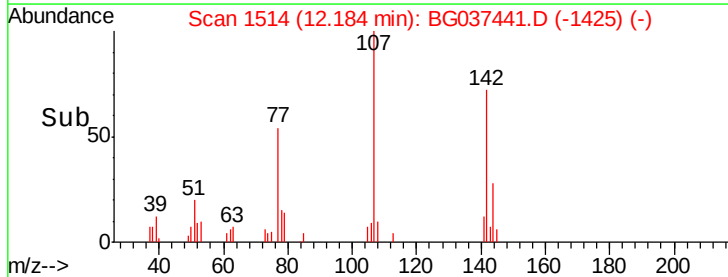
142 71.9 64.4 96.6

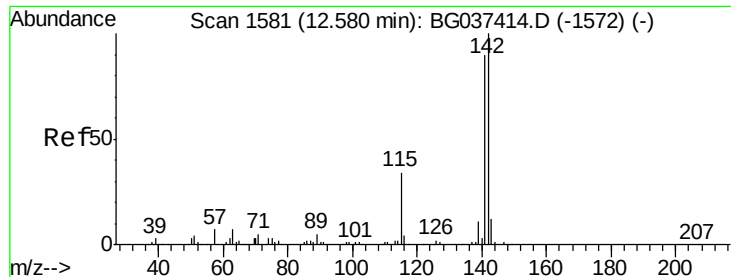


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

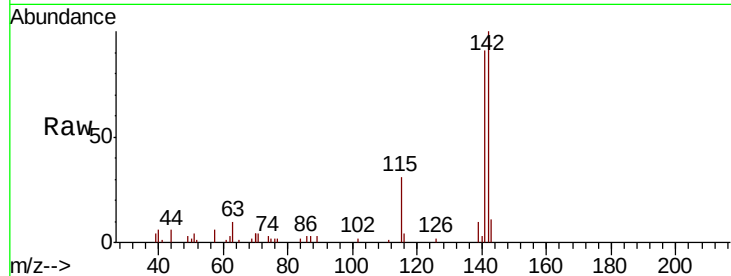




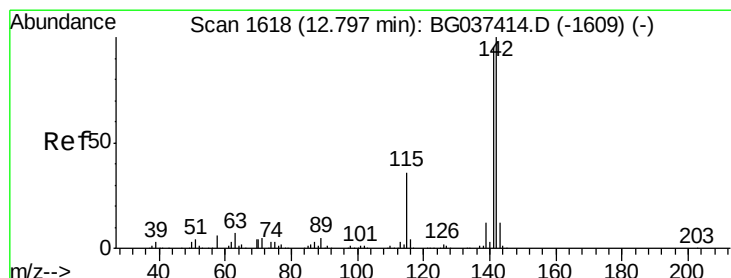
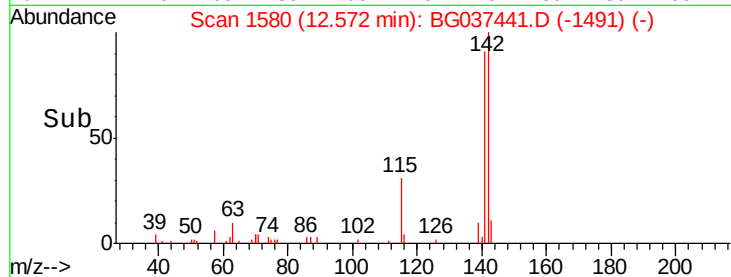
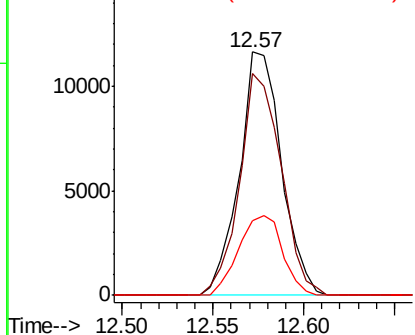
#37
2-Methylnaphthalene
Concen: 2.172 ng
RT: 12.57 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BG037441.D
Acq: 19 Oct 2018 5:48

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

Tot Ion:142 Resp: 18826
Ion Ratio Lower Upper
142 100
141 91.1 71.9 107.9
115 30.8 27.8 41.8

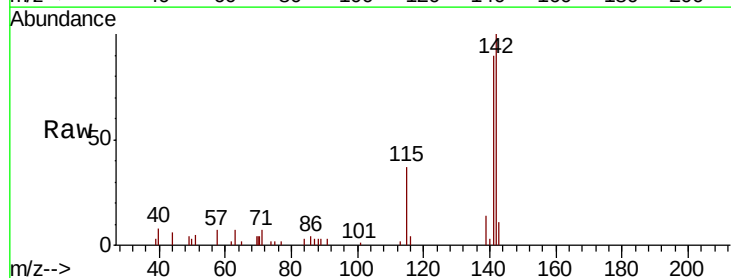


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

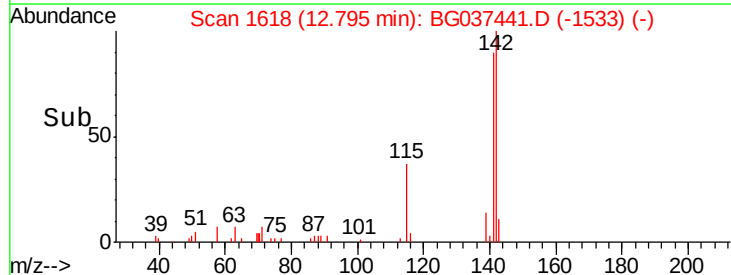
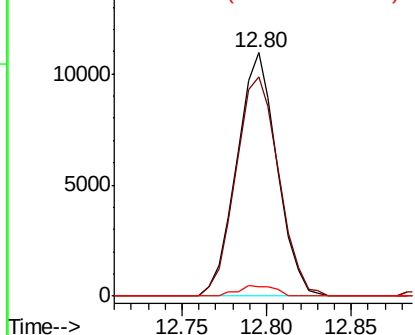


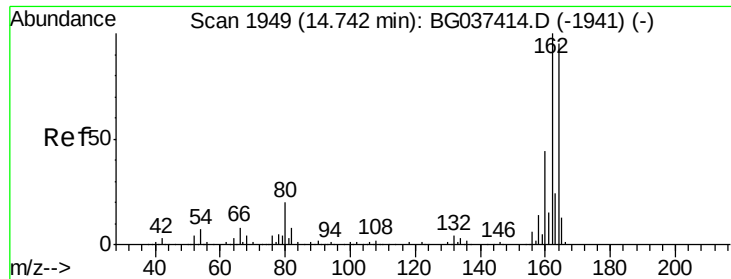
#38
1-Methylnaphthalene
Concen: 2.153 ng
RT: 12.80 min Scan# 1618
Delta R.T. -0.00 min
Lab File: BG037441.D
Acq: 19 Oct 2018 5:48

Tgt Ion:142 Resp: 18120
Ion Ratio Lower Upper
142 100
141 90.2 75.2 112.8
116 3.7 3.3 4.9



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG037441.D

Acq: 19 Oct 2018 5:48

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

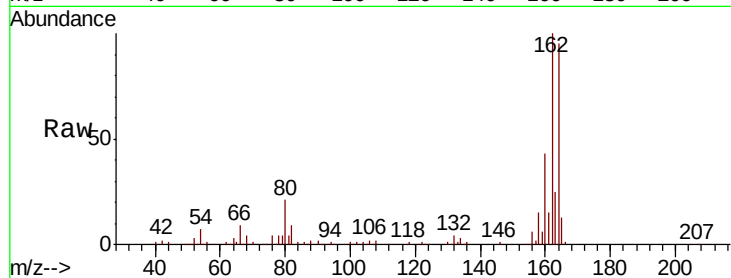
Tot Ion:164 Resp: 160768

Ion Ratio Lower Upper

164 100

162 104.9 81.3 121.9

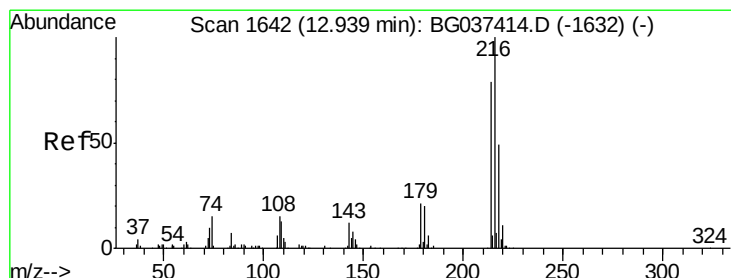
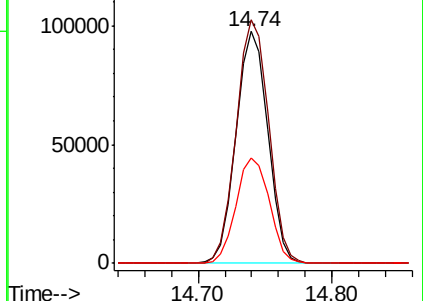
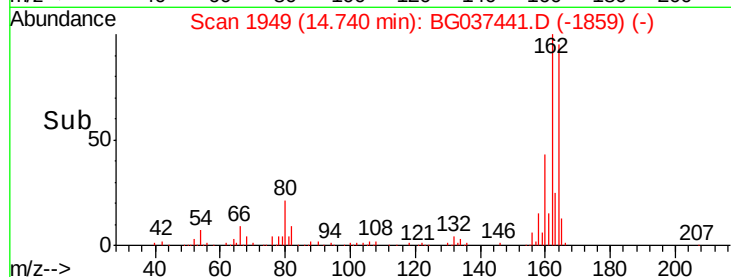
160 45.2 36.3 54.5



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 1.940 ng

RT: 12.93 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BG037441.D

Acq: 19 Oct 2018 5:48

Tgt Ion:216 Resp: 10061

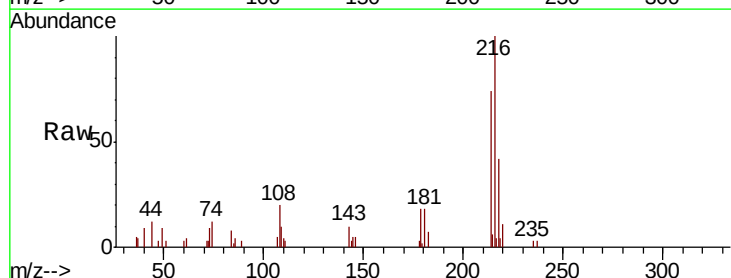
Ion Ratio Lower Upper

216 100

214 78.9 63.8 95.6

179 20.7 17.4 26.0

108 16.4 13.9 20.9

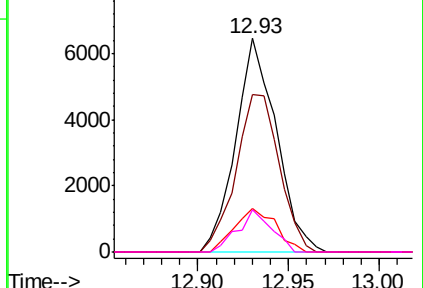
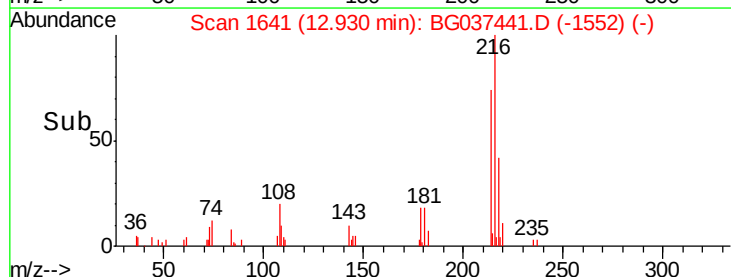


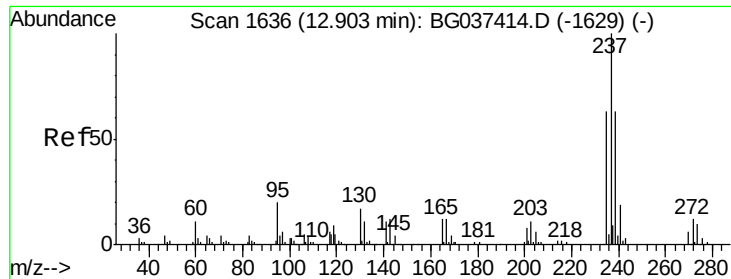
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 1.807 ng

RT: 12.91 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BG037441.D

Acq: 19 Oct 2018 5:48

Instrument :

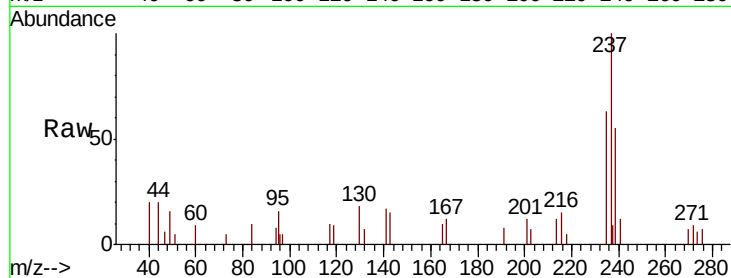
BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

Tot Ion:237 Resp: 4475

Ion	Ratio	Lower	Upper
237	100		
235	63.4	42.5	82.5
272	9.5	0.0	31.6

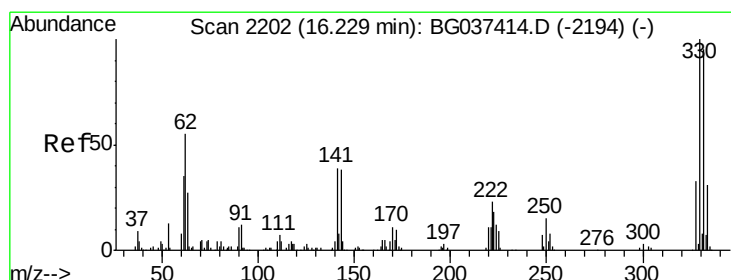
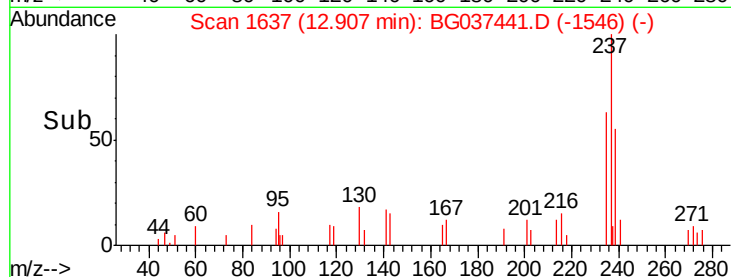
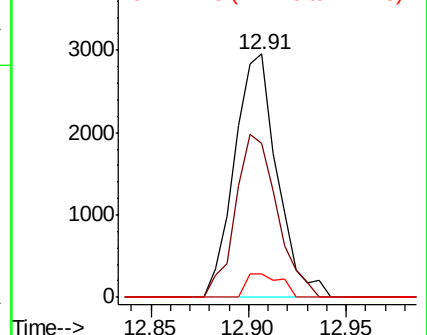


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 138.513 ng

RT: 16.23 min Scan# 2202

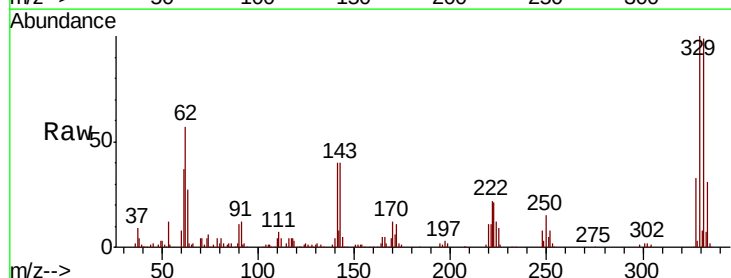
Delta R.T. -0.00 min

Lab File: BG037441.D

Acq: 19 Oct 2018 5:48

Tgt Ion:330 Resp: 242879

Ion	Ratio	Lower	Upper
330	100		
332	96.0	78.4	117.6
141	39.6	32.2	48.2

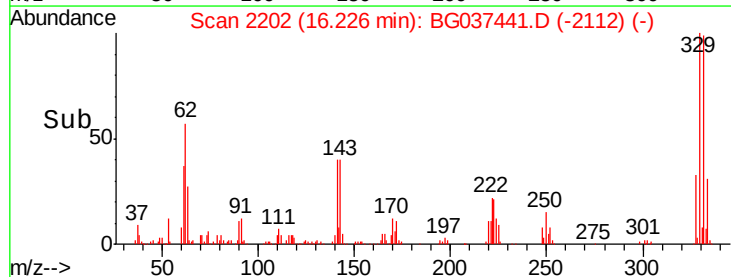
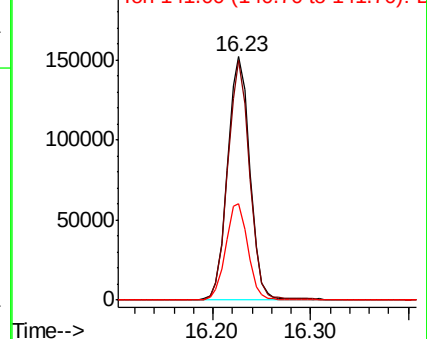


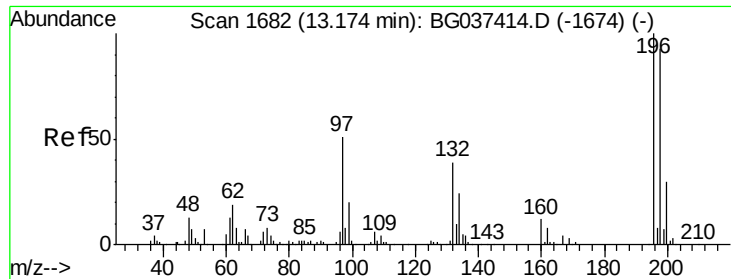
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

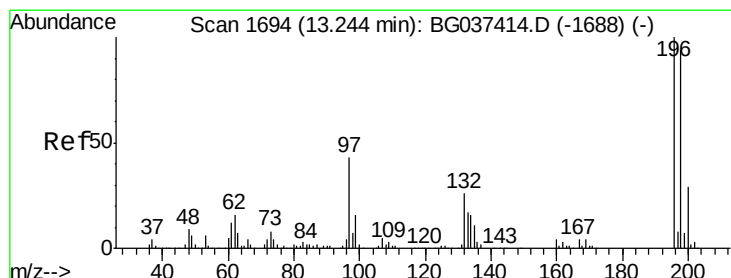
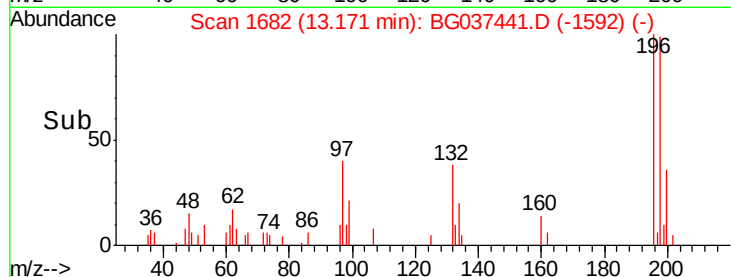
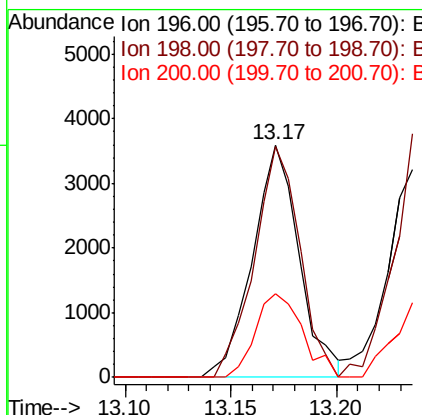
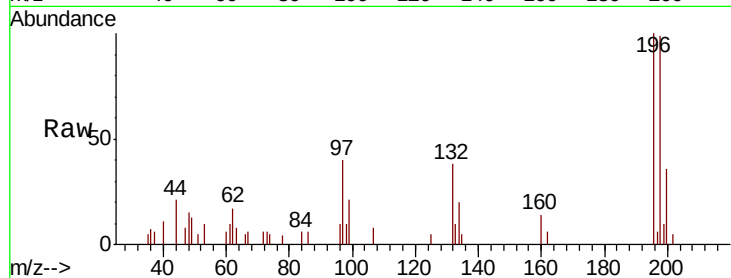




#43
 2,4,6-Trichlorophenol
 Concen: 1.591 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG037441.D
 Acq: 19 Oct 2018 5:48

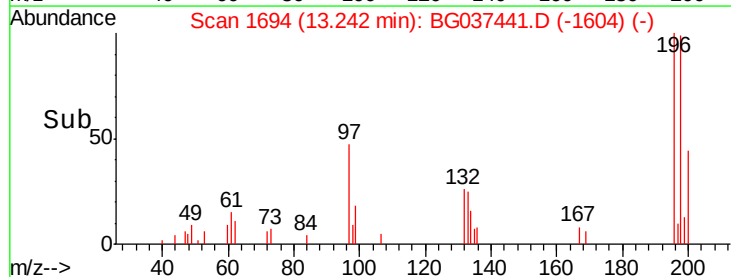
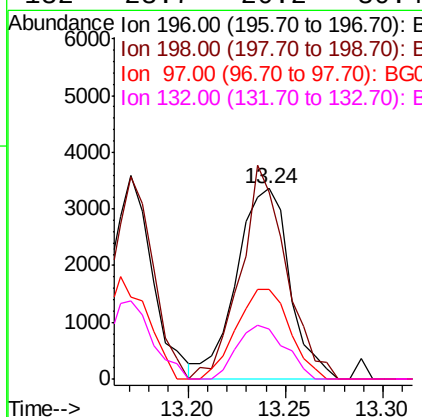
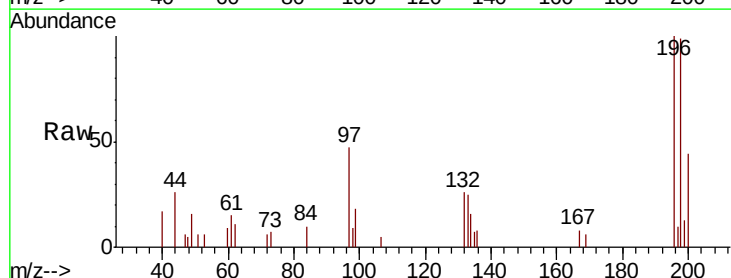
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT4-2018

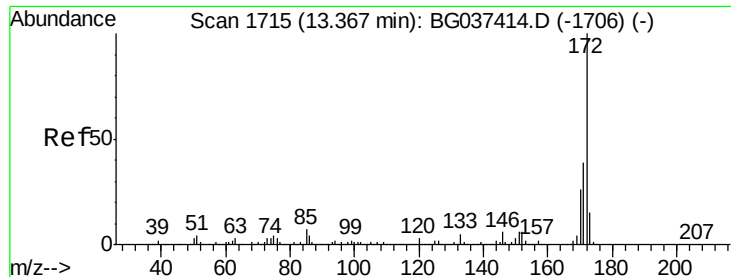
Tot Ion:196 Resp: 5512
 Ion Ratio Lower Upper
 196 100
 198 99.4 76.4 114.6
 200 35.8 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 1.686 ng
 RT: 13.24 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BG037441.D
 Acq: 19 Oct 2018 5:48

Tgt Ion:196 Resp: 6358
 Ion Ratio Lower Upper
 196 100
 198 89.5 74.2 111.2
 97 42.6 34.1 51.1
 132 23.7 20.2 30.4

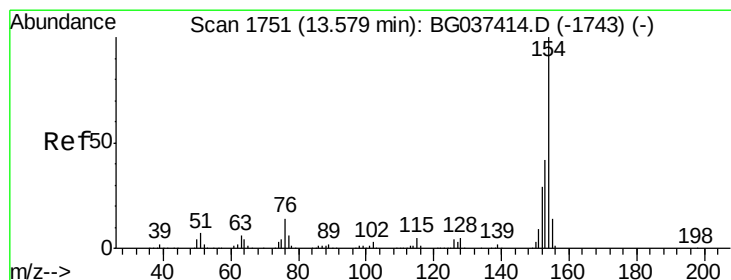
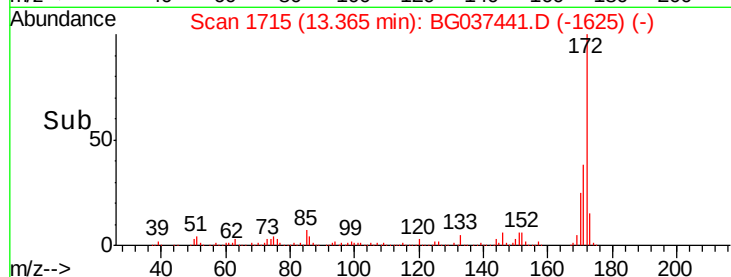
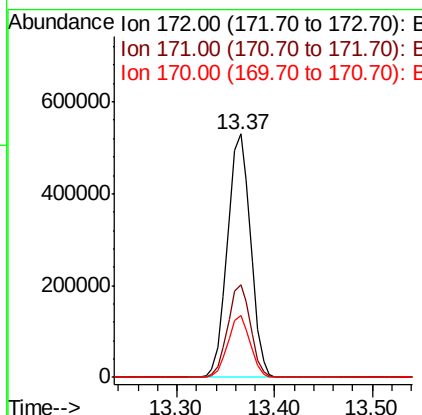
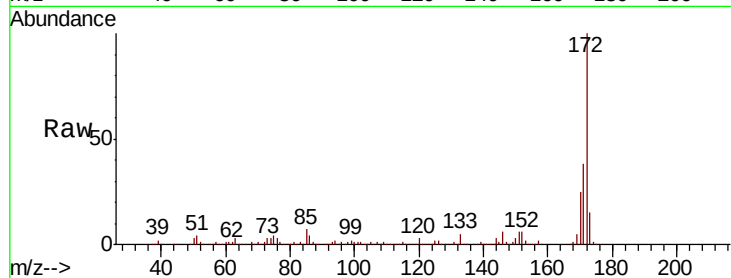




#45
2-Fluorobiphenyl
Concen: 81.804 ng
RT: 13.37 min Scan# 1715
Delta R.T. -0.00 min
Lab File: BG037441.D
Acq: 19 Oct 2018 5:48

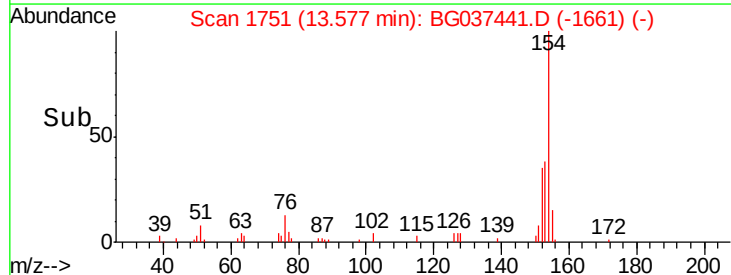
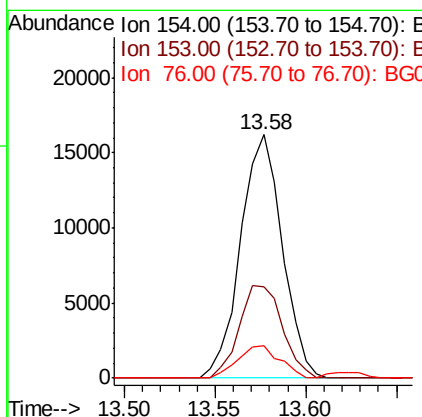
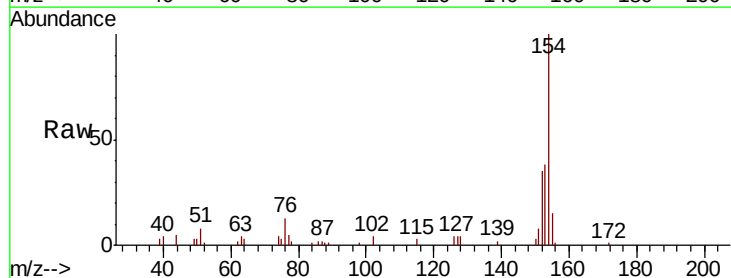
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

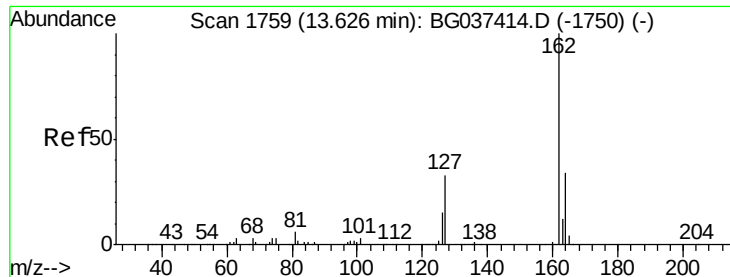
Tot Ion:172 Resp: 872148
Ion Ratio Lower Upper
172 100
171 38.1 31.0 46.4
170 25.3 20.2 30.2



#46
1,1'-Biphenyl
Concen: 1.946 ng
RT: 13.58 min Scan# 1751
Delta R.T. -0.00 min
Lab File: BG037441.D
Acq: 19 Oct 2018 5:48

Tgt Ion:154 Resp: 25911
Ion Ratio Lower Upper
154 100
153 37.5 22.1 62.1
76 13.3 0.0 33.2

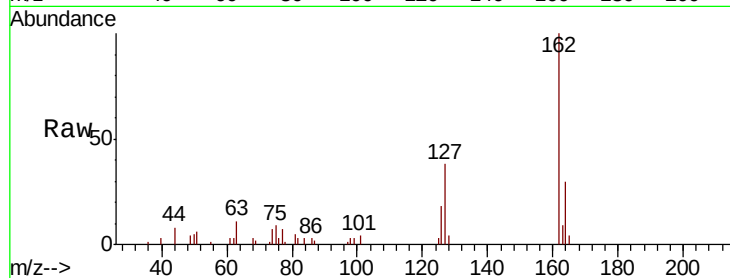




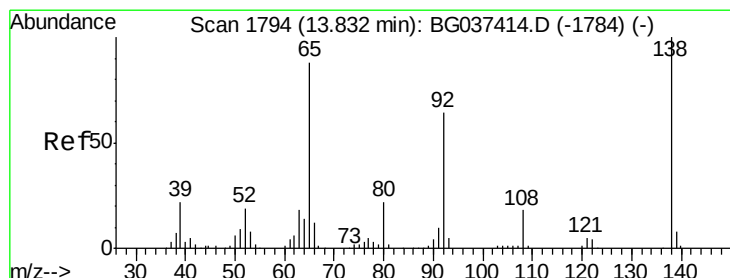
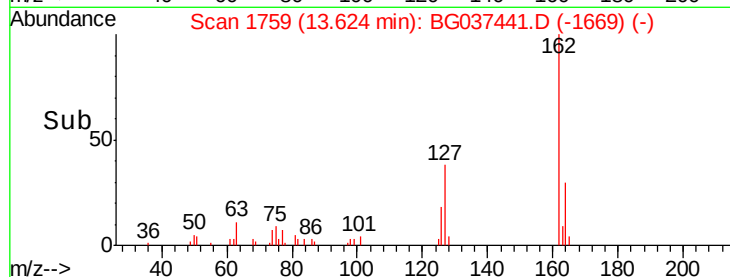
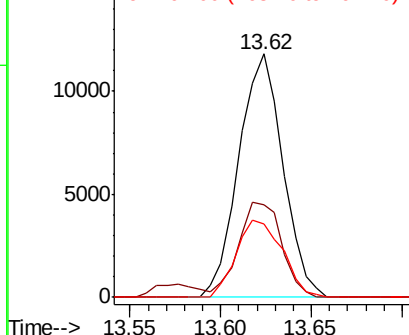
#47
2-Chloronaphthalene
Concen: 1.988 ng
RT: 13.62 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BG037441.D
Acq: 19 Oct 2018 5:48

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

Tot Ion: 162 Resp: 20026
Ion Ratio Lower Upper
162 100
127 37.8 30.5 45.7
164 29.9 26.4 39.6

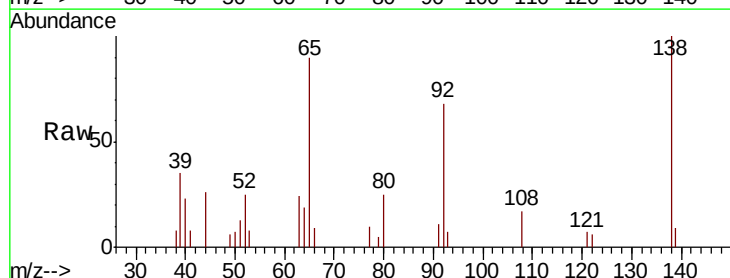


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

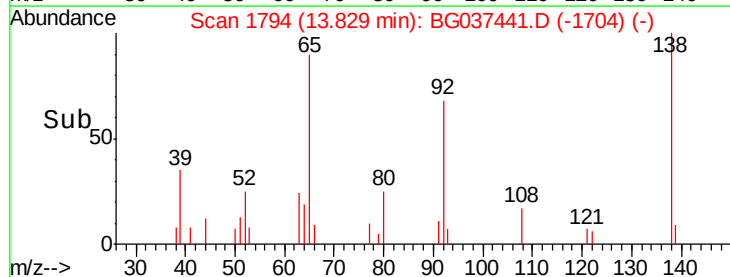
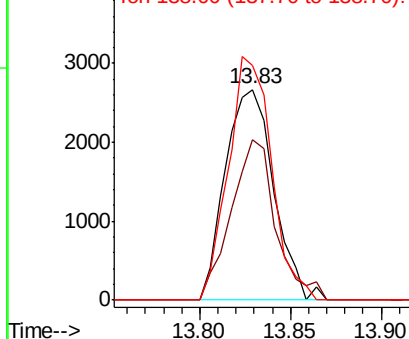


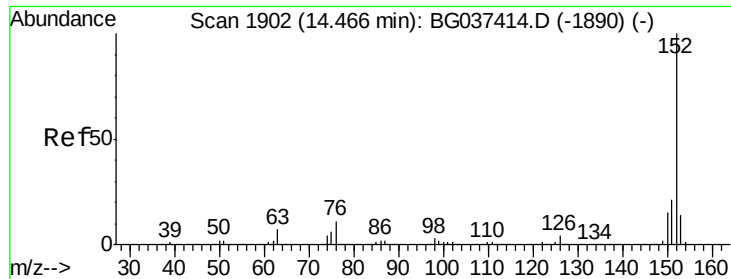
#48
2-Nitroaniline
Concen: 1.620 ng
RT: 13.83 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BG037441.D
Acq: 19 Oct 2018 5:48

Tgt Ion: 65 Resp: 4948
Ion Ratio Lower Upper
65 100
92 76.2 53.2 79.8
138 111.4 79.3 118.9



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): E





#49

Acenaphthylene

Concen: 2.105 ng

RT: 14.46 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG037441.D

Acq: 19 Oct 2018 5:48

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

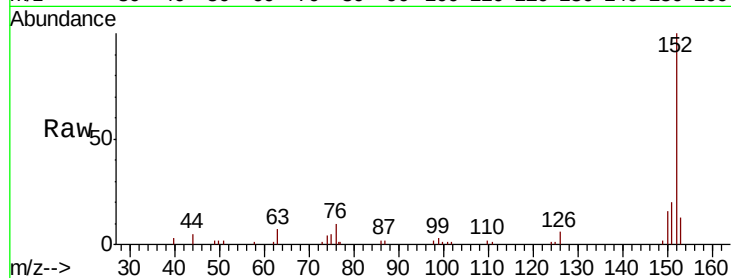
Tot Ion:152 Resp: 31899

Ion Ratio Lower Upper

152 100

151 19.7 17.1 25.7

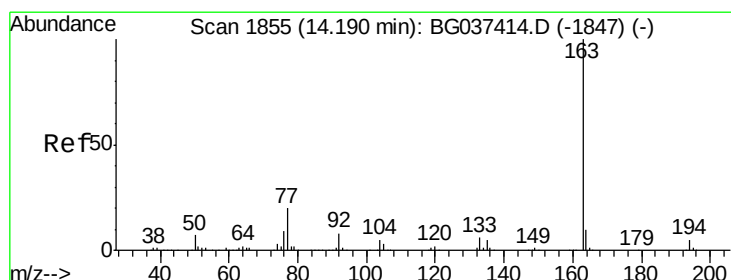
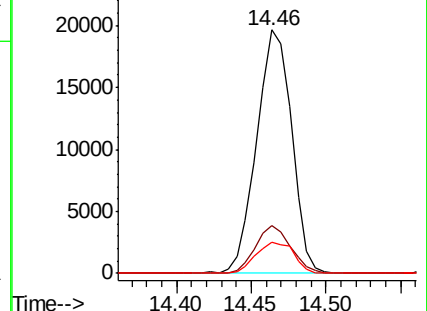
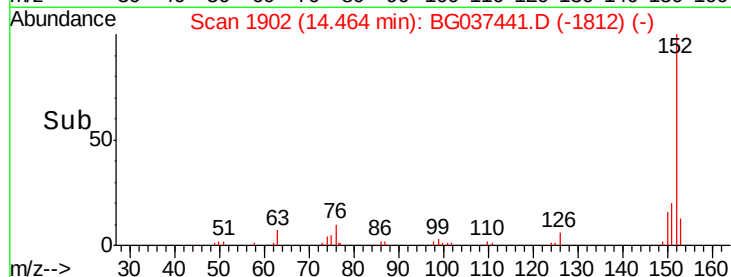
153 12.7 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 2.034 ng

RT: 14.19 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BG037441.D

Acq: 19 Oct 2018 5:48

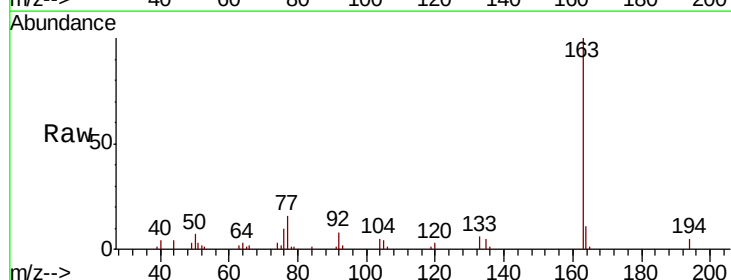
Tgt Ion:163 Resp: 25292

Ion Ratio Lower Upper

163 100

194 5.2 3.5 5.3

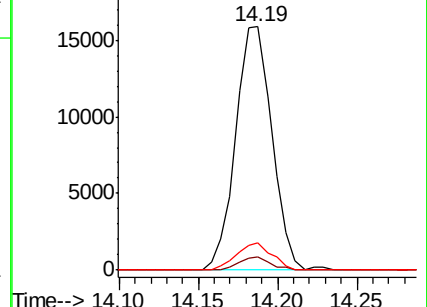
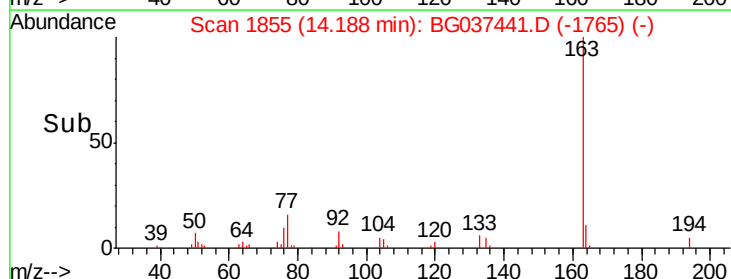
164 11.0 8.5 12.7

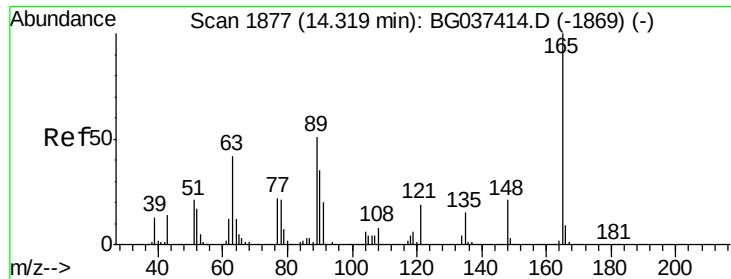


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 1.643 ng

RT: 14.31 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG037441.D

Acq: 19 Oct 2018 5:48

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

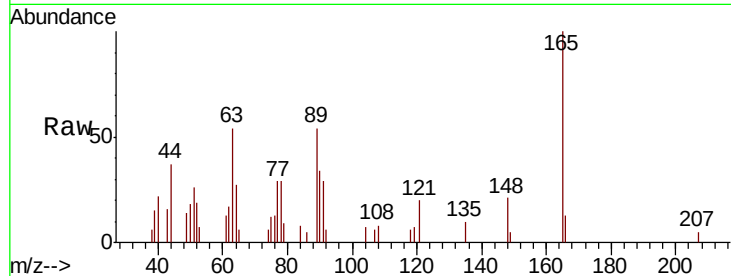
Tot Ion:165 Resp: 4520

Ion Ratio Lower Upper

165 100

63 53.8 43.4 65.2

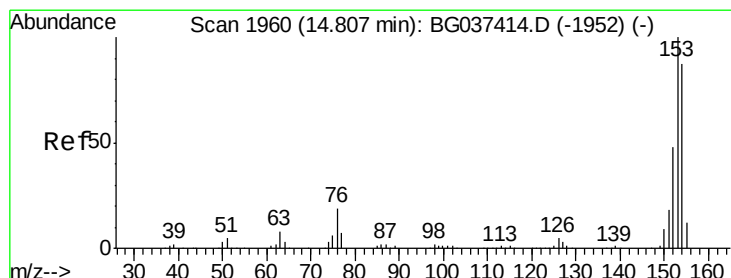
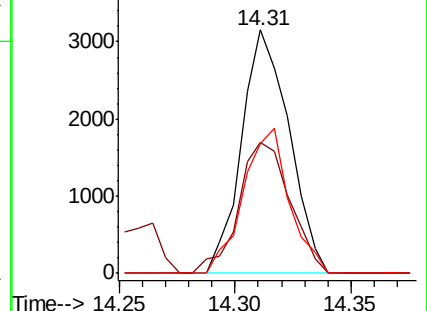
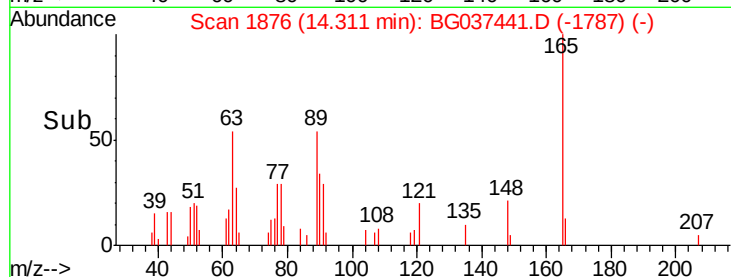
89 53.5 45.8 68.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 2.077 ng

RT: 14.80 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BG037441.D

Acq: 19 Oct 2018 5:48

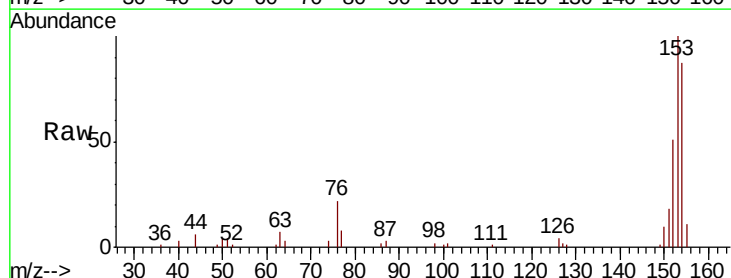
Tgt Ion:154 Resp: 19384

Ion Ratio Lower Upper

154 100

153 114.5 93.4 140.0

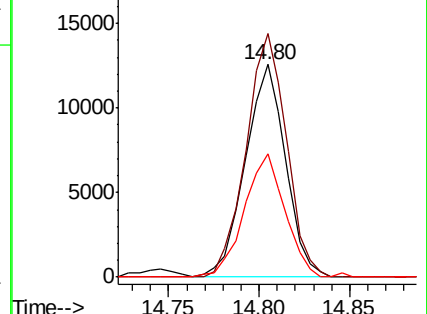
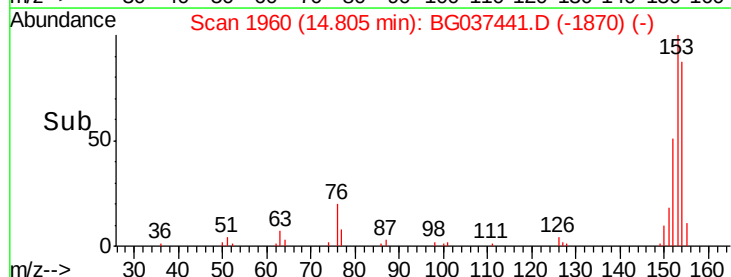
152 57.9 44.7 67.1

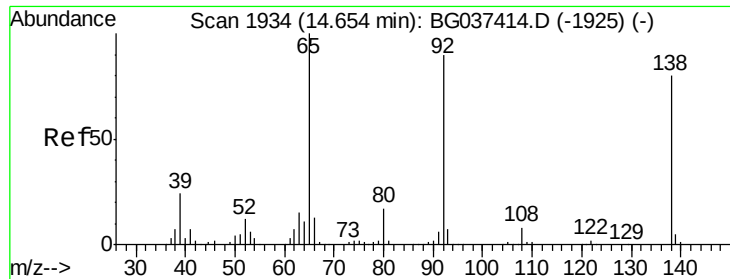


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 1.326 ng

RT: 14.64 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BG037441.D

Acq: 19 Oct 2018 5:48

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

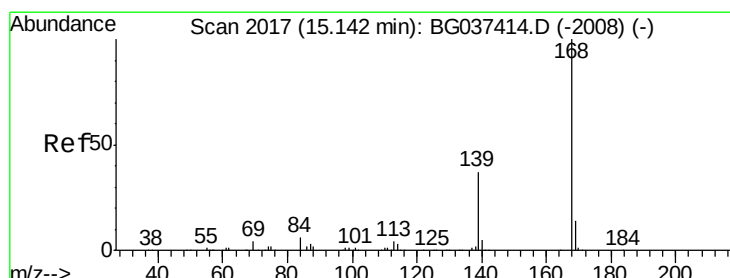
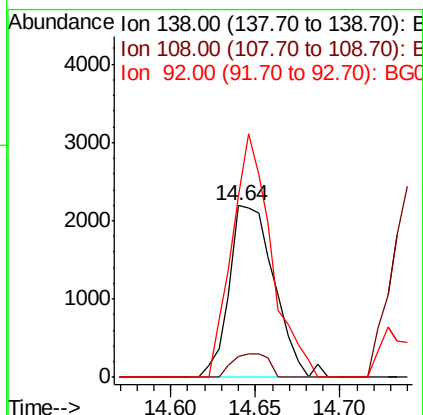
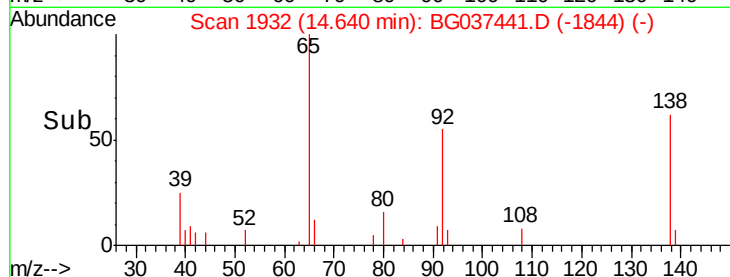
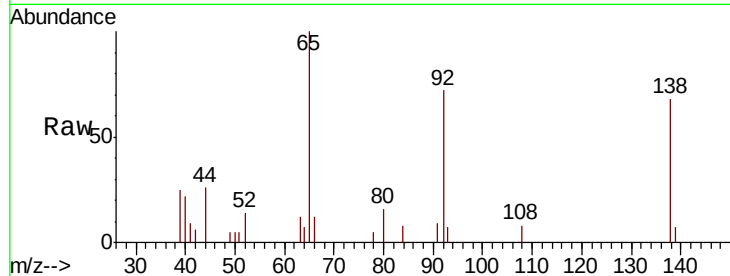
Tot Ion:138 Resp: 4049

Ion Ratio Lower Upper

138 100

108 12.2 11.0 16.6

92 105.3 95.2 142.8



#55

Dibenzofuran

Concen: 2.126 ng

RT: 15.13 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BG037441.D

Acq: 19 Oct 2018 5:48

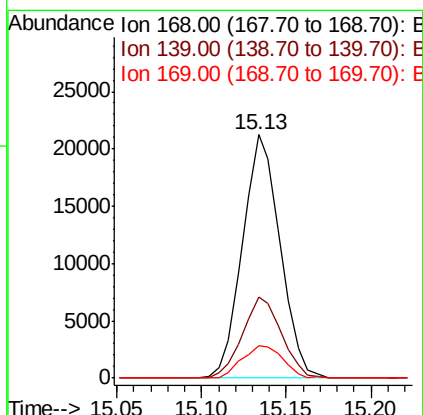
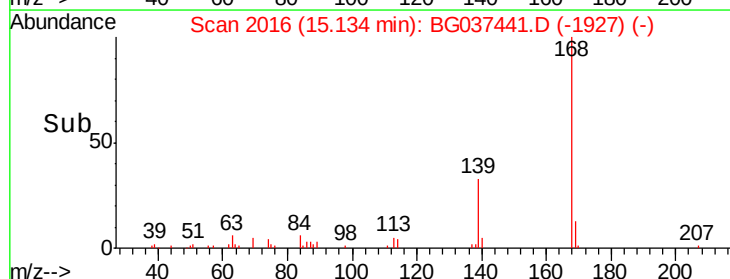
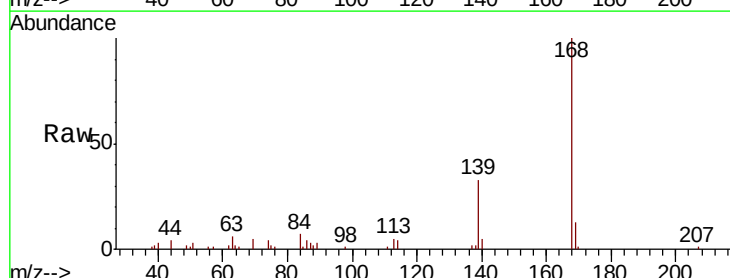
Tgt Ion:168 Resp: 32868

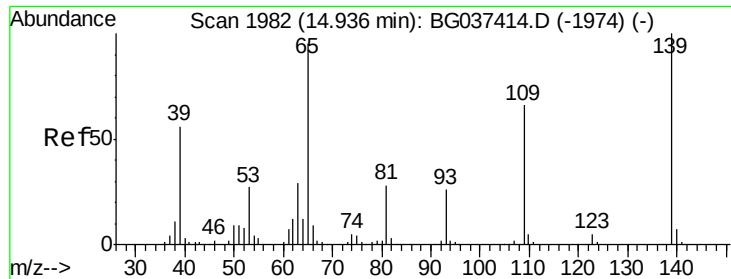
Ion Ratio Lower Upper

168 100

139 33.4 29.4 44.0

169 13.3 11.0 16.6





#56

4-Nitrophenol

Concen: 0.941 ng

RT: 14.93 min Scan# 1981

Delta R.T. -0.01 min

Lab File: BG037441.D

Acq: 19 Oct 2018 5:48

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

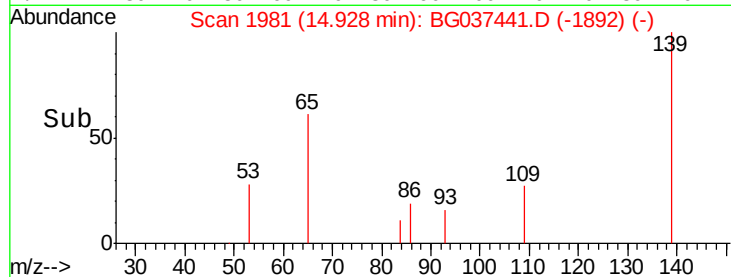
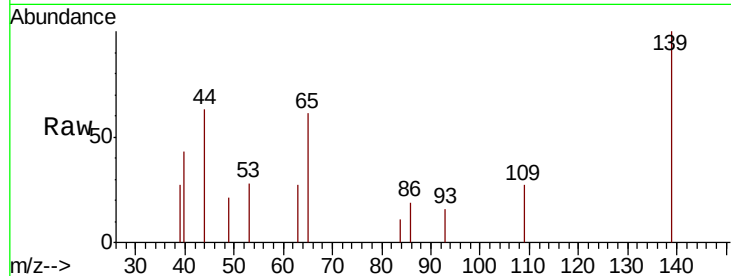
Tot Ion:139 Resp: 2127

Ion Ratio Lower Upper

139 100

109 27.1 49.5 89.5#

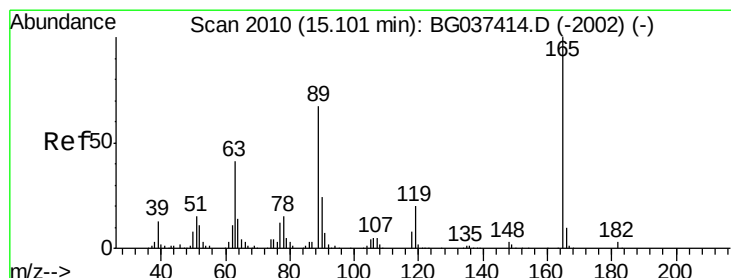
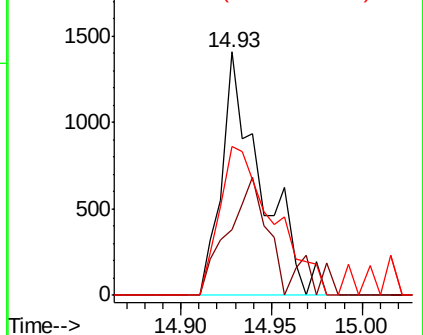
65 61.1 76.8 116.8#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#57

2,4-Dinitrotoluene

Concen: 1.597 ng

RT: 15.09 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BG037441.D

Acq: 19 Oct 2018 5:48

Tgt Ion:165 Resp: 5768

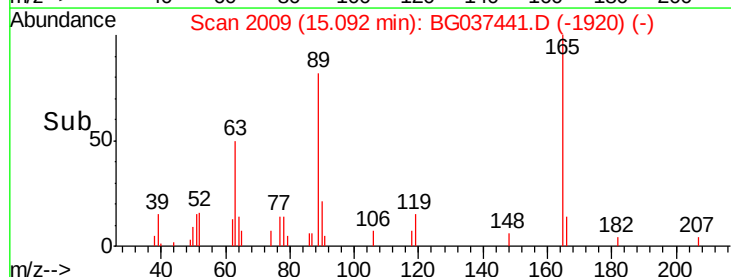
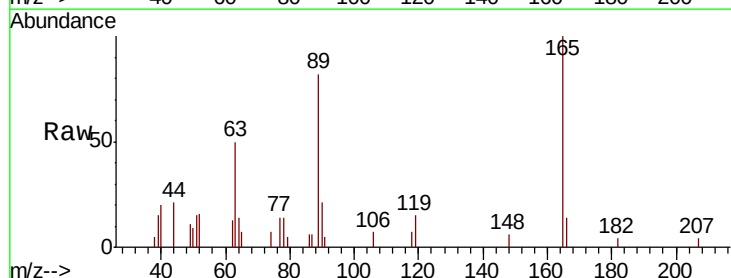
Ion Ratio Lower Upper

165 100

63 50.4 33.4 50.0#

89 82.2 57.2 85.8

182 4.5 2.6 4.0#

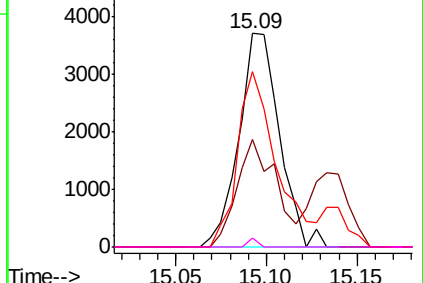


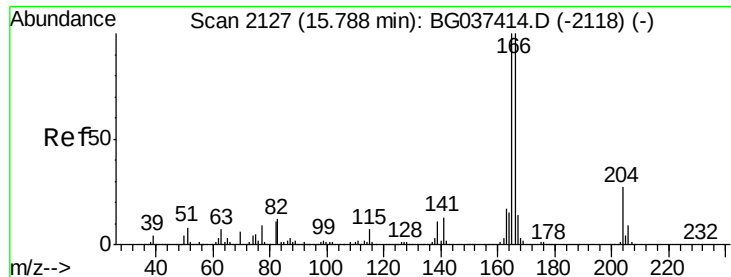
Abundance Ion 165.00 (164.70 to 165.70): E

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





#58

Fluorene

Concen: 2.283 ng

RT: 15.79 min Scan# 2127

Delta R.T. -0.00 min

Lab File: BG037441.D

Acq: 19 Oct 2018 5:48

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

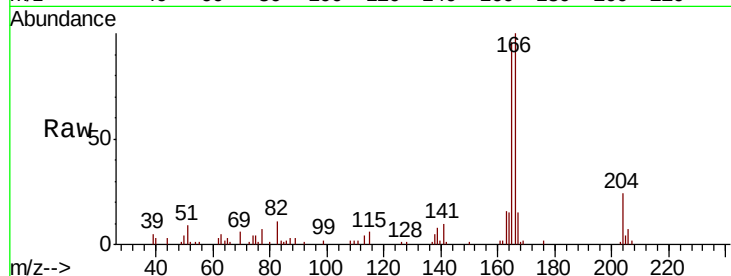
Tot Ion:166 Resp: 26435

Ion Ratio Lower Upper

166 100

165 95.7 79.0 118.6

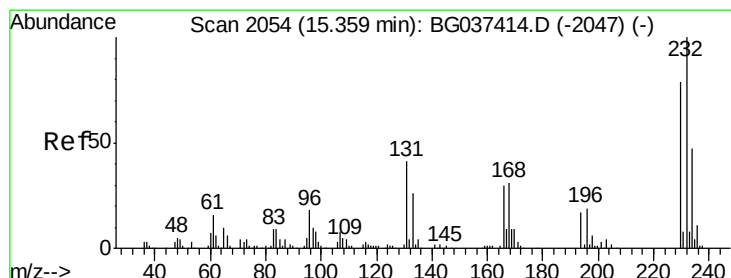
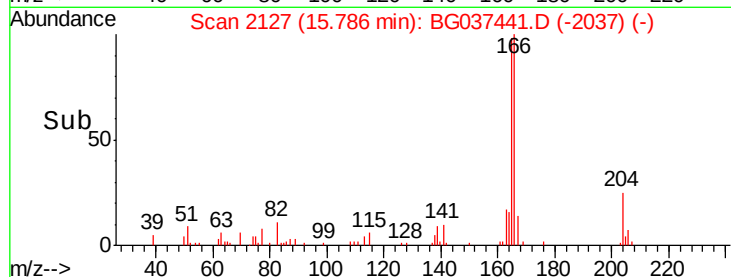
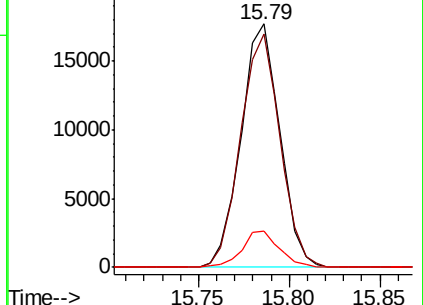
167 14.7 11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 1.727 ng

RT: 15.36 min Scan# 2054

Delta R.T. -0.00 min

Lab File: BG037441.D

Acq: 19 Oct 2018 5:48

Tgt Ion:232 Resp: 5576

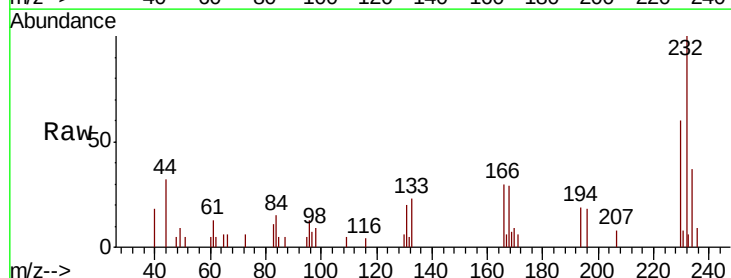
Ion Ratio Lower Upper

232 100

131 37.3 33.7 50.5

130 1.2 2.1 3.1#

166 27.8 24.6 36.8

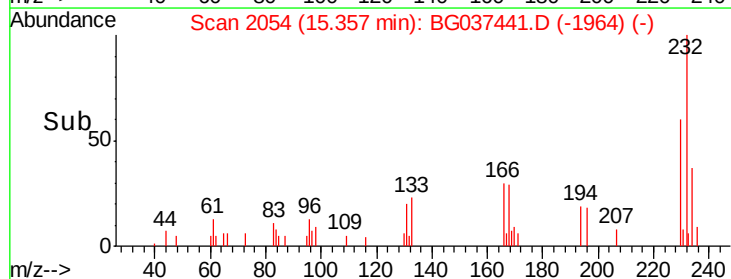
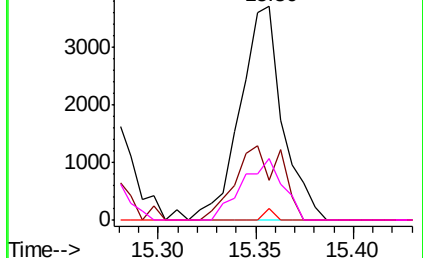


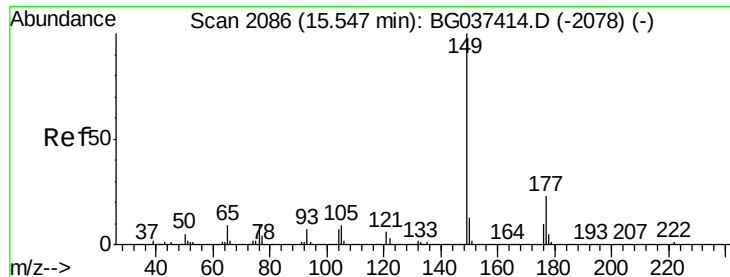
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#60

Diethylphthalate

Concen: 2.068 ng

RT: 15.54 min Scan# 2085

Delta R.T. -0.01 min

Lab File: BG037441.D

Acq: 19 Oct 2018 5:48

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

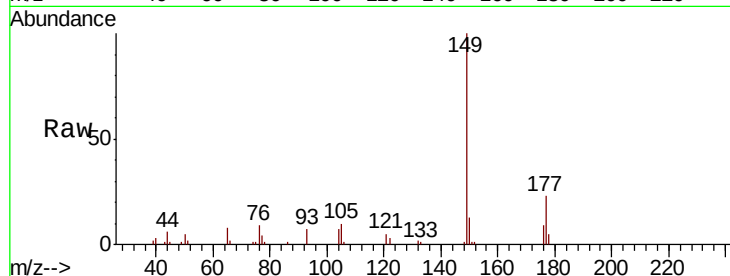
Tot Ion:149 Resp: 26402

Ion Ratio Lower Upper

149 100

177 23.0 18.3 27.5

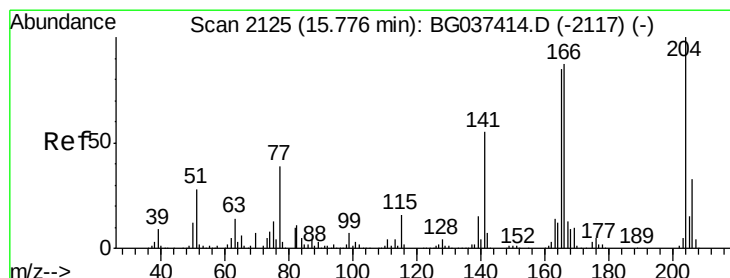
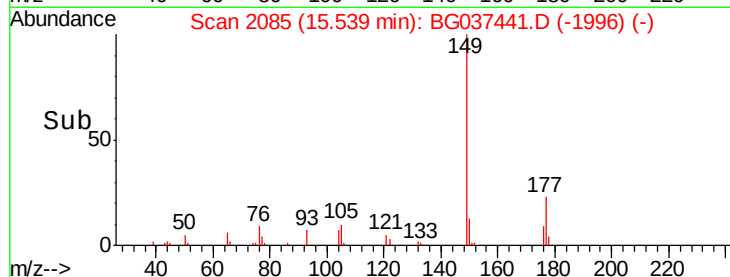
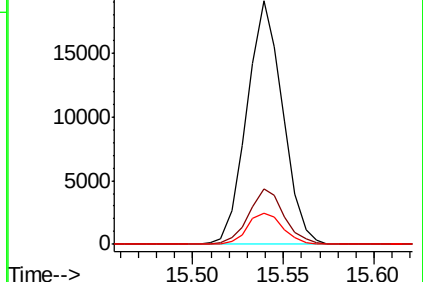
150 12.7 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#61

4-Chlorophenyl-phenylether

Concen: 2.007 ng

RT: 15.77 min Scan# 2125

Delta R.T. -0.00 min

Lab File: BG037441.D

Acq: 19 Oct 2018 5:48

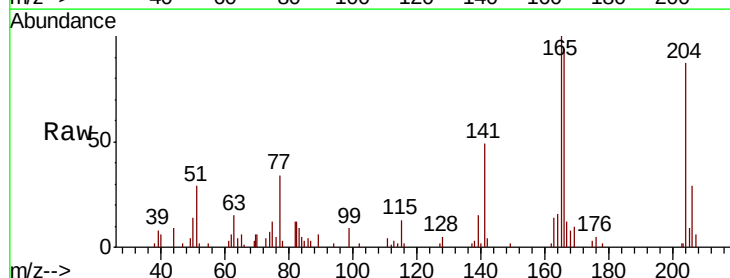
Tgt Ion:204 Resp: 13541

Ion Ratio Lower Upper

204 100

206 33.5 26.6 39.8

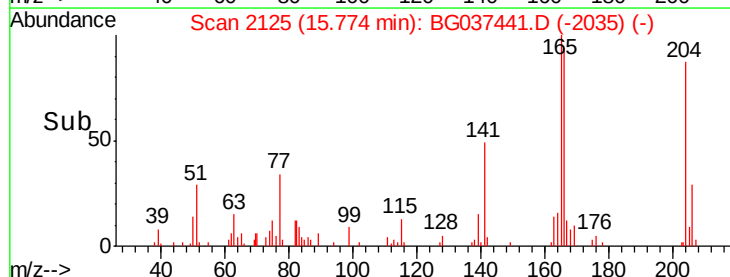
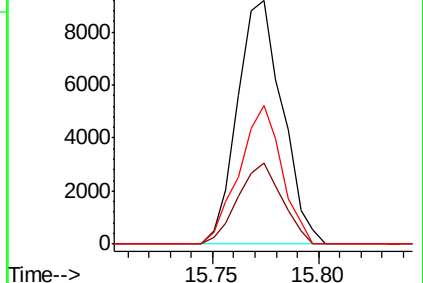
141 56.7 45.4 68.2

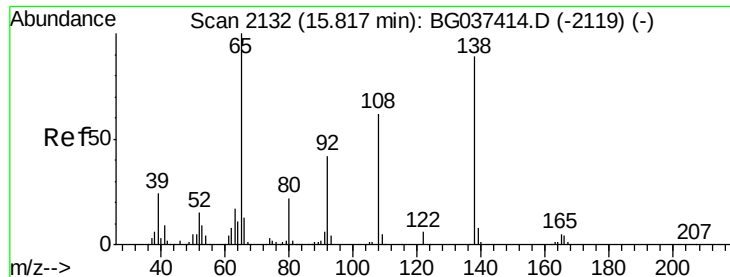


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

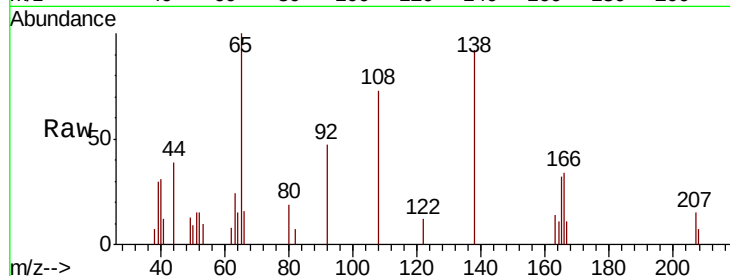




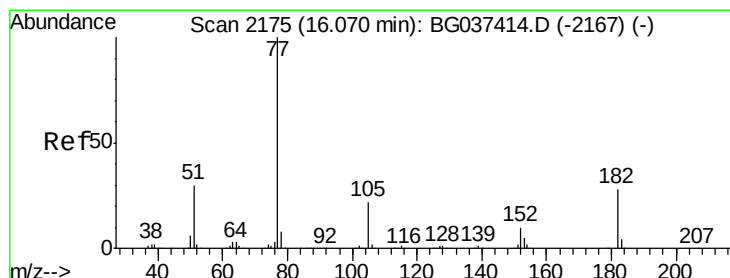
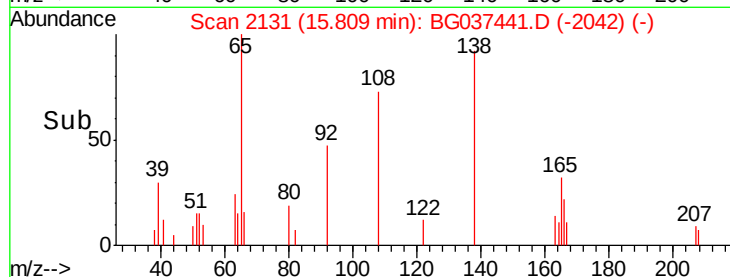
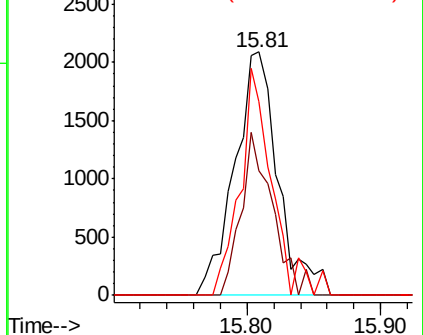
#62
4-Nitroaniline
Concen: 1.544 ng
RT: 15.81 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BG037441.D
Acq: 19 Oct 2018 5:48

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

Tot Ion:138 Resp: 4686
Ion Ratio Lower Upper
138 100
92 51.2 36.4 76.4
108 79.4 60.1 100.1



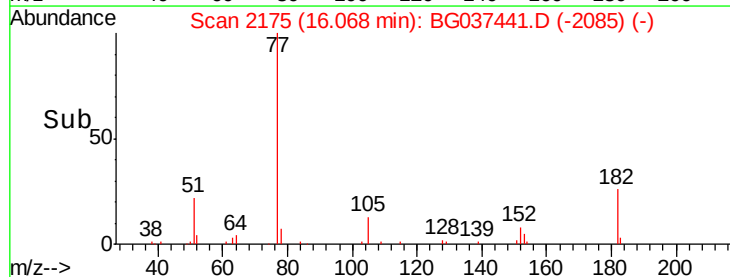
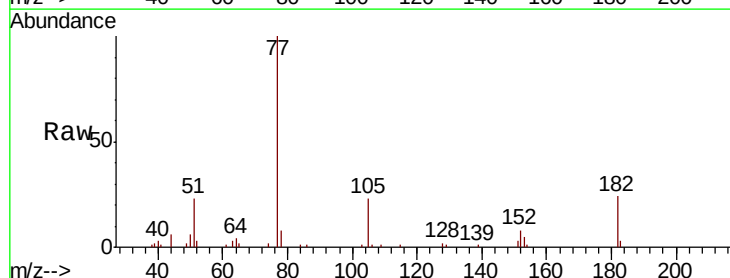
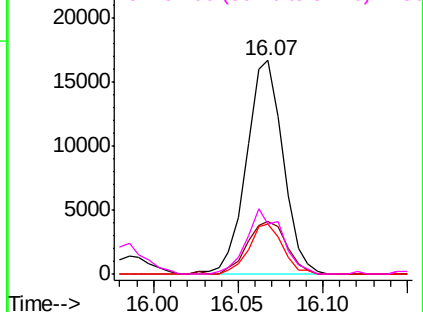
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E

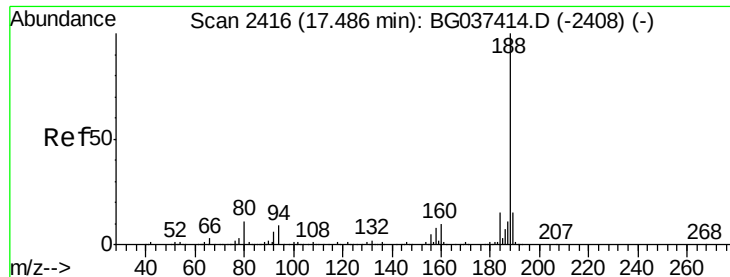


#63
Azobenzene
Concen: 2.055 ng
RT: 16.07 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BG037441.D
Acq: 19 Oct 2018 5:48

Tgt Ion: 77 Resp: 25040
Ion Ratio Lower Upper
77 100
182 24.4 8.0 48.0
105 23.2 1.3 41.3
51 23.2 10.7 50.7

Abundance Ion 77.00 (76.70 to 77.70): BG
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BG





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BG037441.D

Acq: 19 Oct 2018 5:48

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

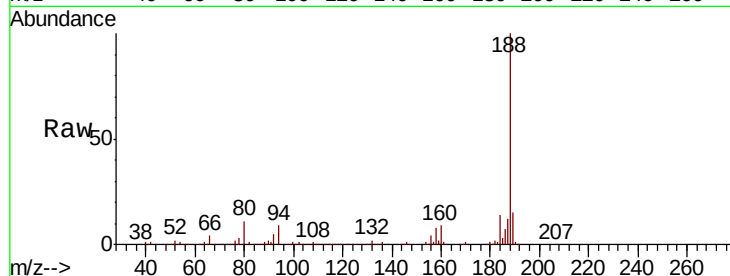
Tot Ion:188 Resp: 399204

Ion Ratio Lower Upper

188 100

94 9.2 7.2 10.8

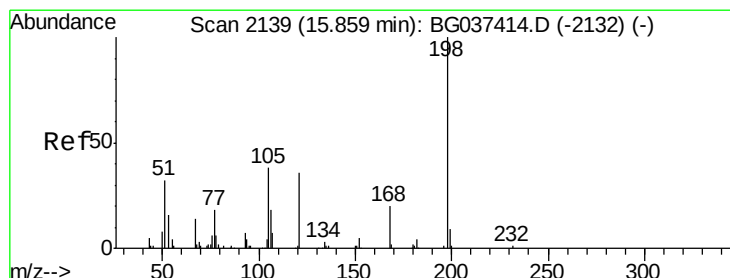
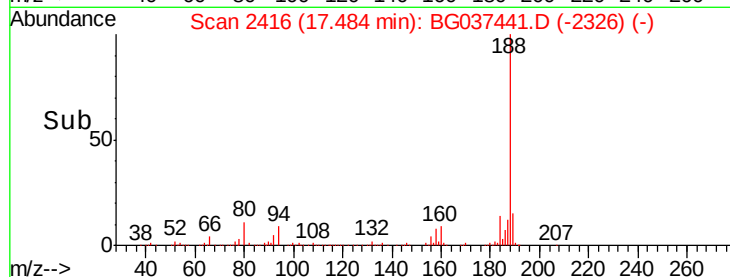
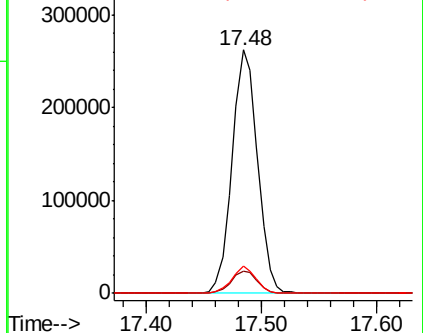
80 11.4 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#65

4,6-Dinitro-2-methylphenol

Concen: 8.843 ng

RT: 16.21 min Scan# 2200

Delta R.T. 0.36 min

Lab File: BG037441.D

Acq: 19 Oct 2018 5:48

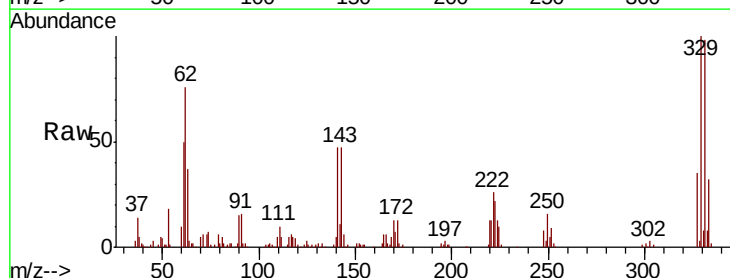
Tgt Ion:198 Resp: 854

Ion Ratio Lower Upper

198 100

51 25.9 22.7 62.7

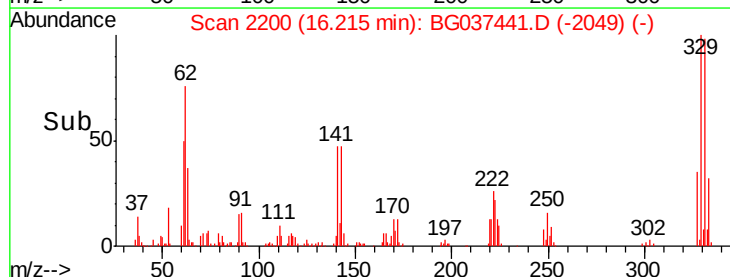
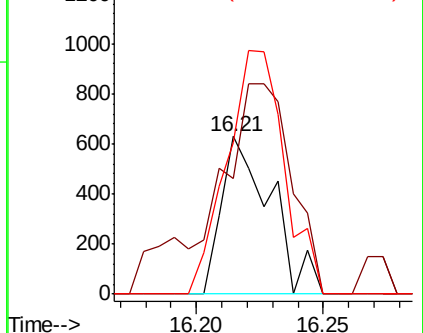
105 33.9 19.7 59.7

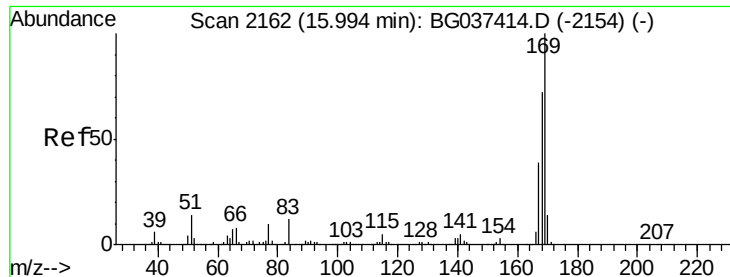


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

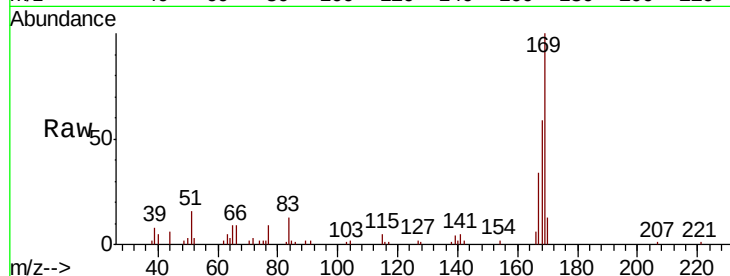




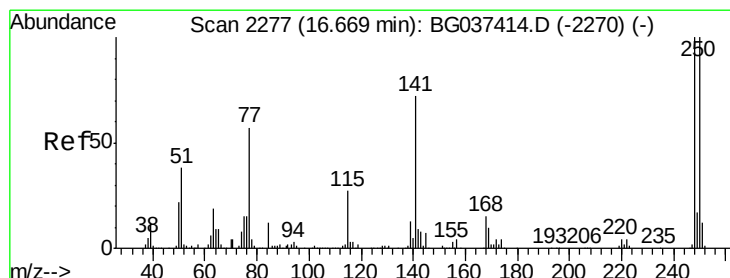
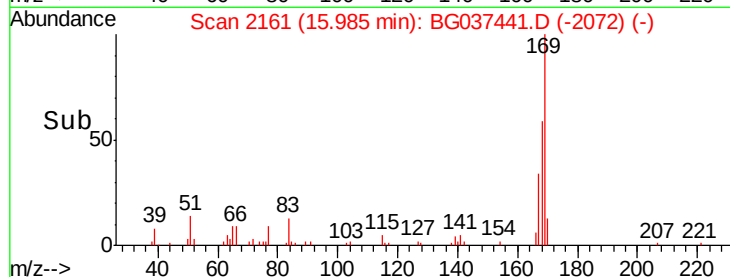
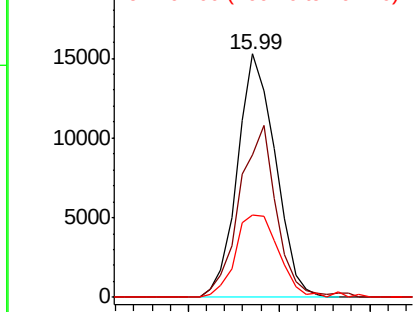
#66
 n-Nitrosodiphenylamine
 Concen: 1.848 ng
 RT: 15.99 min Scan# 2161
 Delta R.T. -0.01 min
 Lab File: BG037441.D
 Acq: 19 Oct 2018 5:48

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT4-2018

Tot Ion:169 Resp: 22195
 Ion Ratio Lower Upper
 169 100
 168 58.6 55.7 83.5
 167 33.6 31.3 46.9

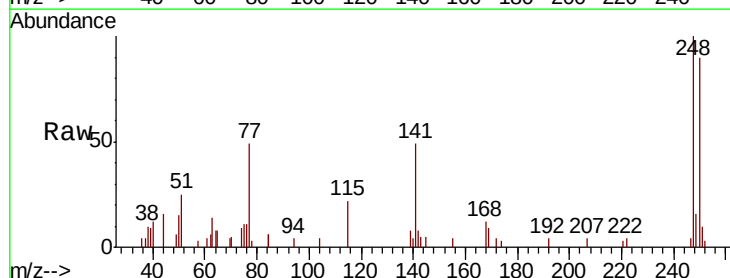


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

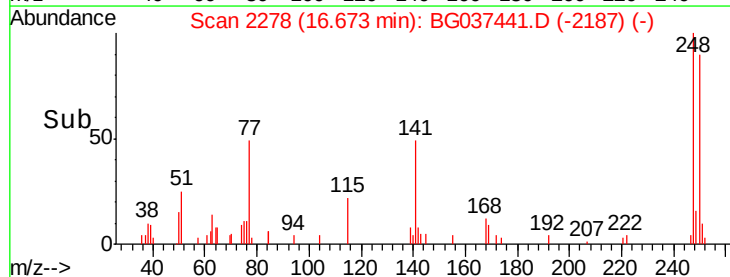
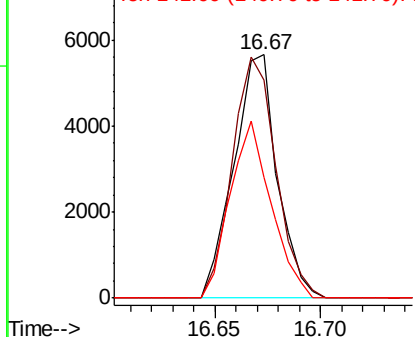


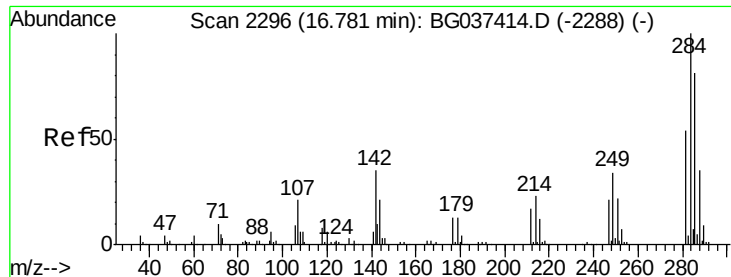
#67
 4-Bromophenyl-phenylether
 Concen: 1.841 ng
 RT: 16.67 min Scan# 2278
 Delta R.T. 0.00 min
 Lab File: BG037441.D
 Acq: 19 Oct 2018 5:48

Tgt Ion:248 Resp: 8070
 Ion Ratio Lower Upper
 248 100
 250 89.7 77.0 115.6
 141 49.5 55.5 83.3#



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





#68

Hexachlorobenzene

Concen: 1.840 ng

RT: 16.78 min Scan# 2296

Delta R.T. -0.00 min

Lab File: BG037441.D

Acq: 19 Oct 2018 5:48

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

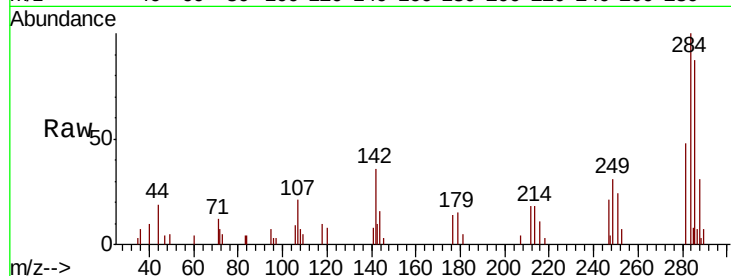
Tot Ion:284 Resp: 8361

Ion Ratio Lower Upper

284 100

142 35.7 28.1 42.1

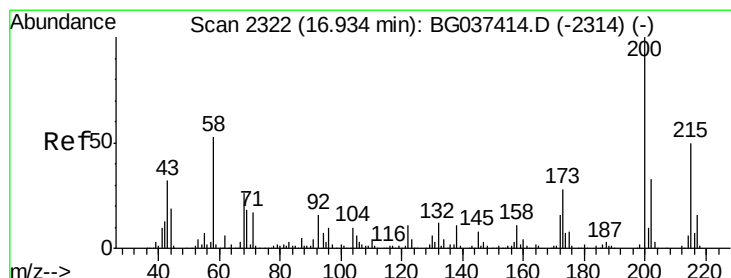
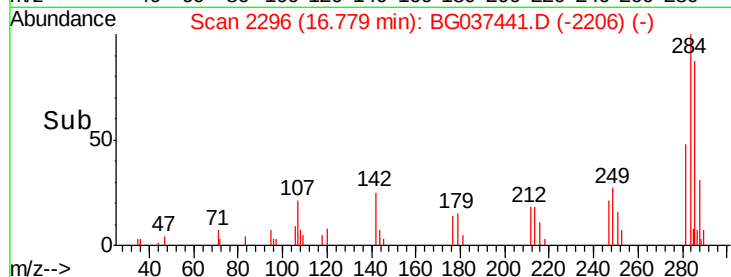
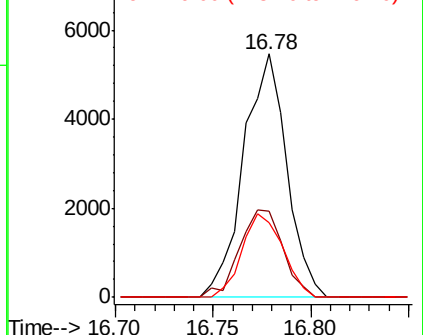
249 30.7 29.8 44.8



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



#69

Atrazine

Concen: 1.623 ng

RT: 16.93 min Scan# 2321

Delta R.T. -0.01 min

Lab File: BG037441.D

Acq: 19 Oct 2018 5:48

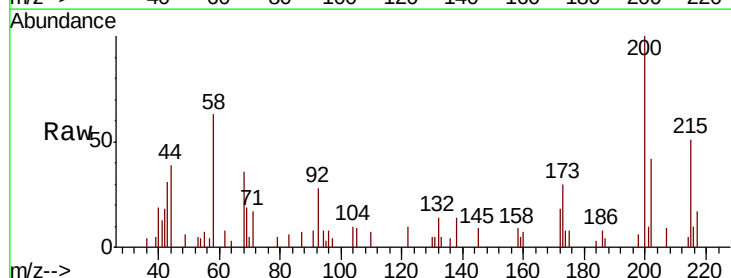
Tgt Ion:200 Resp: 7045

Ion Ratio Lower Upper

200 100

173 29.8 6.1 46.1

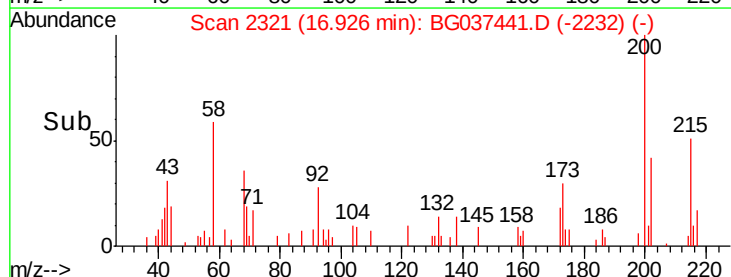
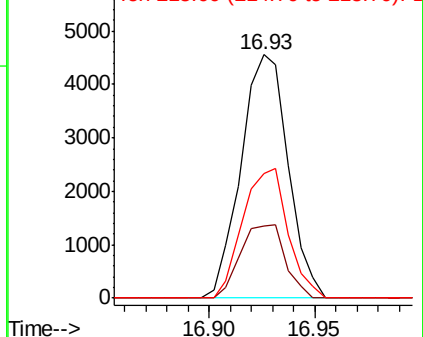
215 50.9 30.8 70.8

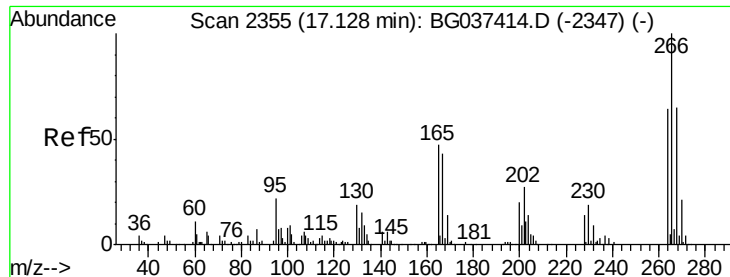


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#70

Pentachlorophenol

Concen: 0.605 ng

RT: 17.12 min Scan# 2354

Delta R.T. -0.01 min

Lab File: BG037441.D

Acq: 19 Oct 2018 5:48

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

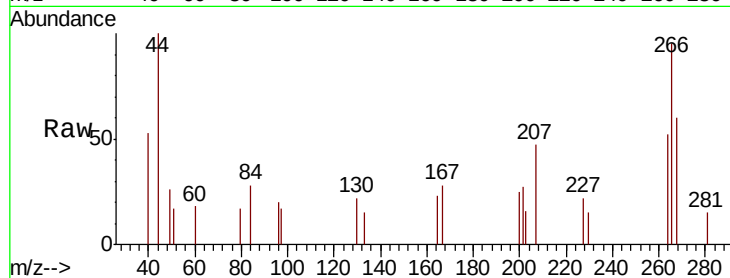
Tot Ion:266 Resp: 1841

Ion Ratio Lower Upper

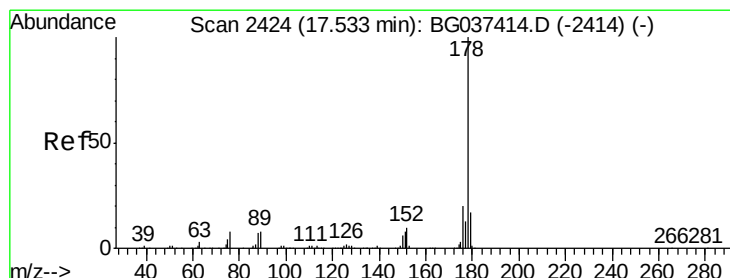
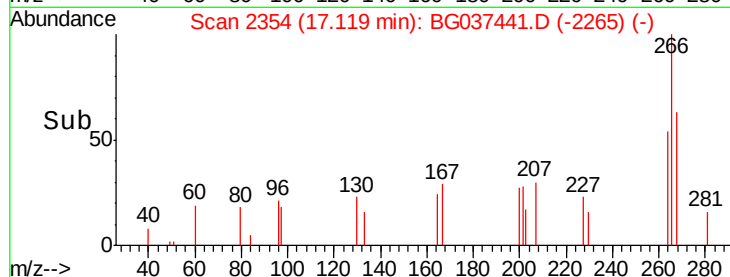
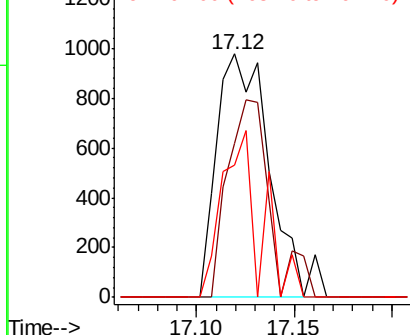
266 100

268 63.5 55.0 82.6

264 54.3 58.9 88.3#



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



#71

Phenanthrene

Concen: 2.243 ng

RT: 17.52 min Scan# 2423

Delta R.T. -0.01 min

Lab File: BG037441.D

Acq: 19 Oct 2018 5:48

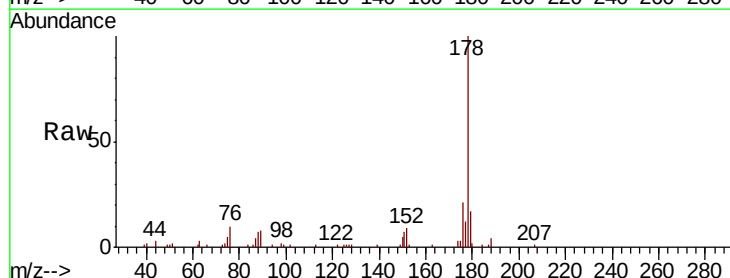
Tgt Ion:178 Resp: 45517

Ion Ratio Lower Upper

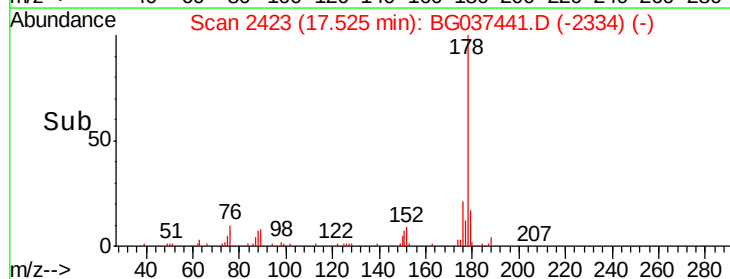
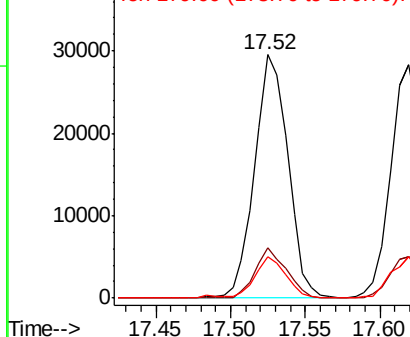
178 100

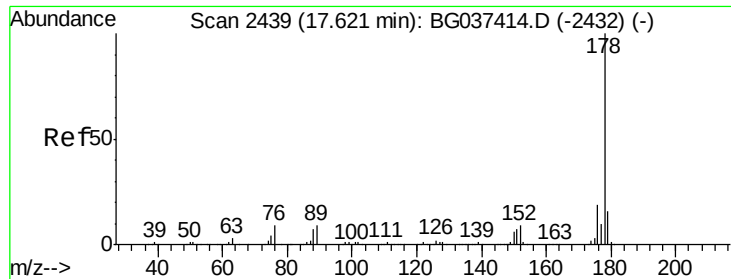
176 20.7 16.1 24.1

179 17.0 13.0 19.4



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

Anthracene

Concen: 2.187 ng

RT: 17.62 min Scan# 2439

Delta R.T. -0.00 min

Lab File: BG037441.D

Acq: 19 Oct 2018 5:48

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

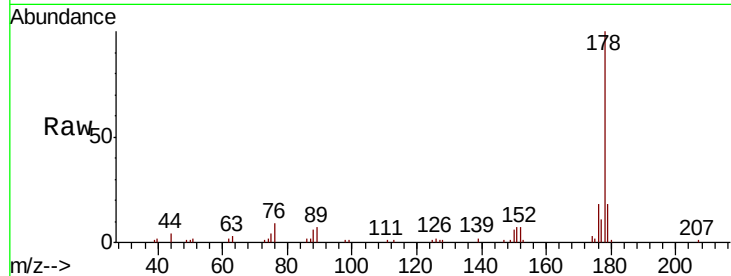
Tot Ion:178 Resp: 43544

Ion Ratio Lower Upper

178 100

176 18.0 15.0 22.4

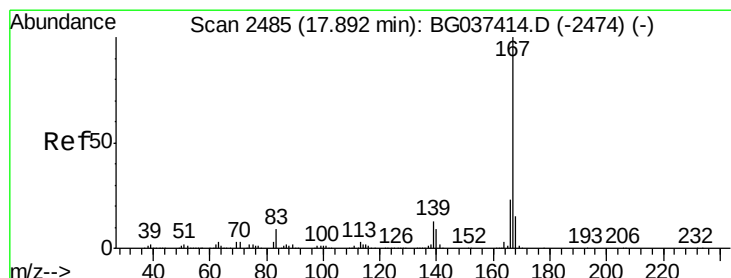
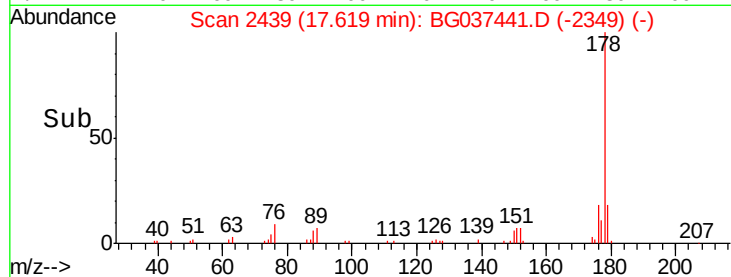
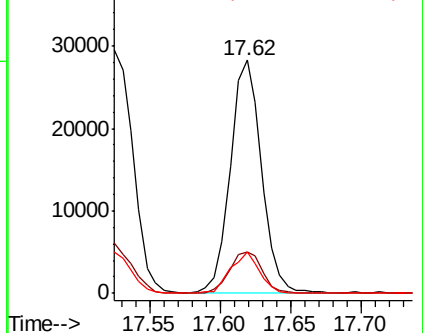
179 17.6 12.8 19.2



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



#73

Carbazole

Concen: 1.840 ng

RT: 17.89 min Scan# 2485

Delta R.T. -0.00 min

Lab File: BG037441.D

Acq: 19 Oct 2018 5:48

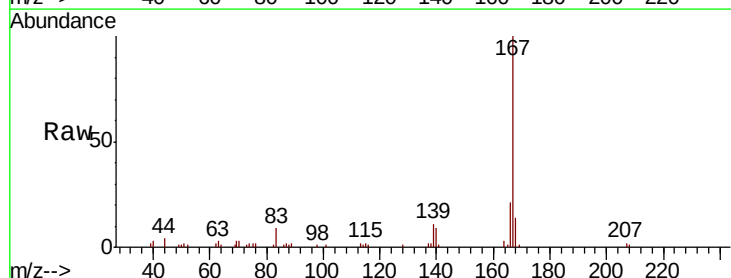
Tgt Ion:167 Resp: 36648

Ion Ratio Lower Upper

167 100

166 21.2 18.3 27.5

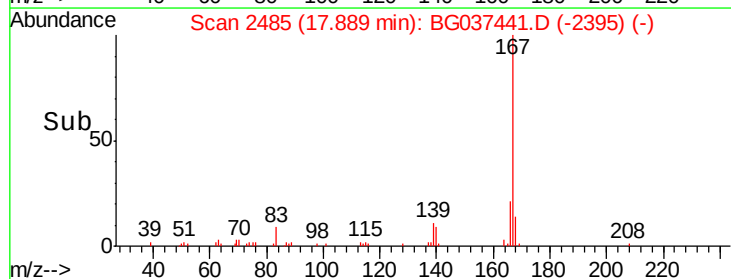
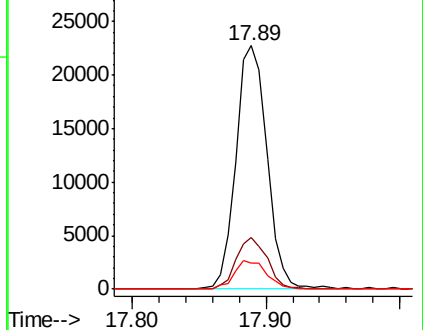
139 10.7 10.5 15.7

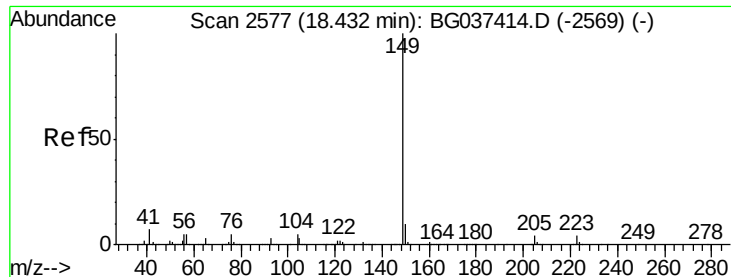


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

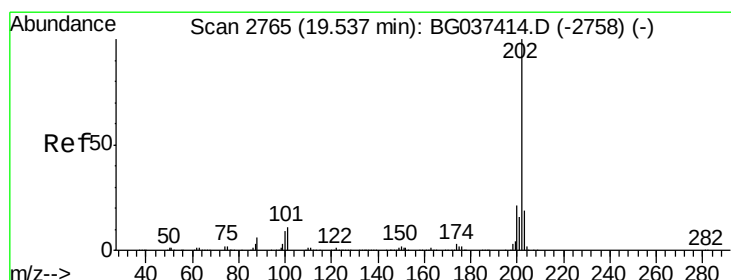
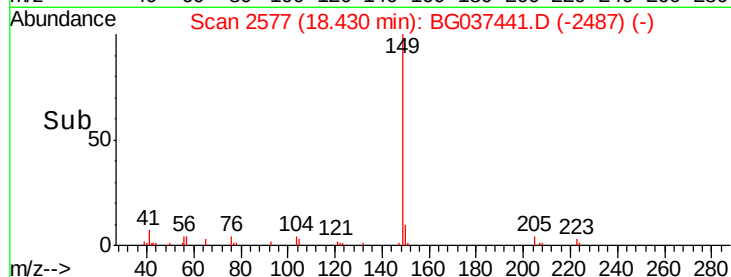
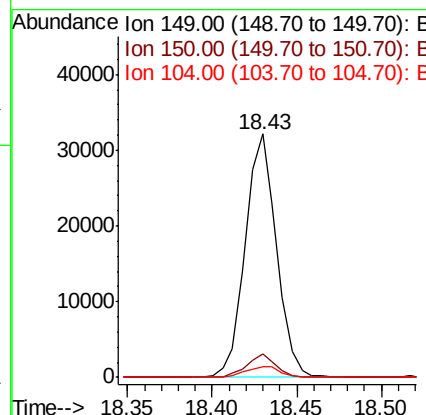
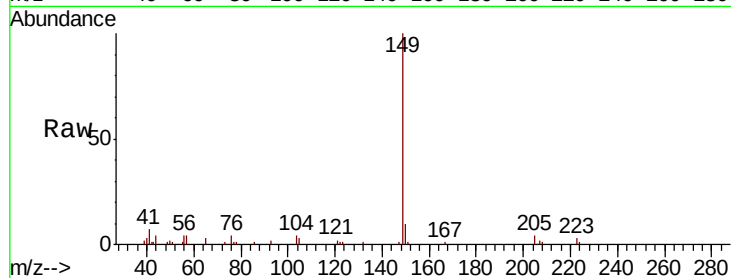




#74
Di-n-butylphthalate
Concen: 1.865 ng
RT: 18.43 min Scan# 2577
Delta R.T. -0.00 min
Lab File: BG037441.D
Acq: 19 Oct 2018 5:48

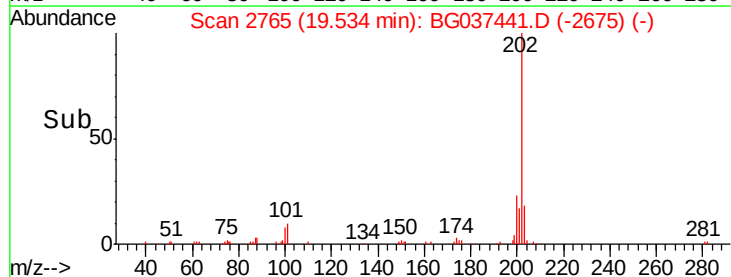
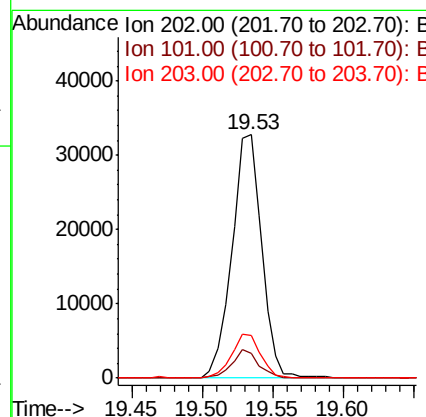
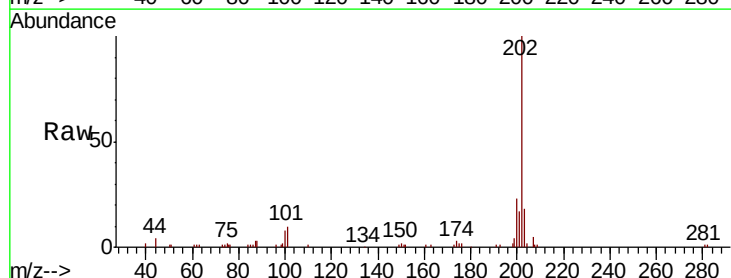
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

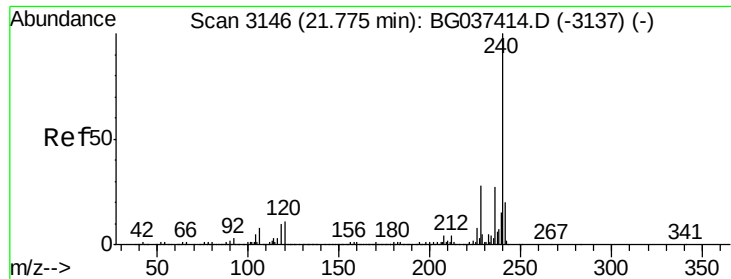
Tot Ion:149 Resp: 41312
Ion Ratio Lower Upper
149 100
150 9.6 8.2 12.2
104 4.2 4.0 6.0



#75
Fluoranthene
Concen: 2.088 ng
RT: 19.53 min Scan# 2765
Delta R.T. -0.00 min
Lab File: BG037441.D
Acq: 19 Oct 2018 5:48

Tgt Ion:202 Resp: 48040
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.7
203 17.6 0.0 38.5

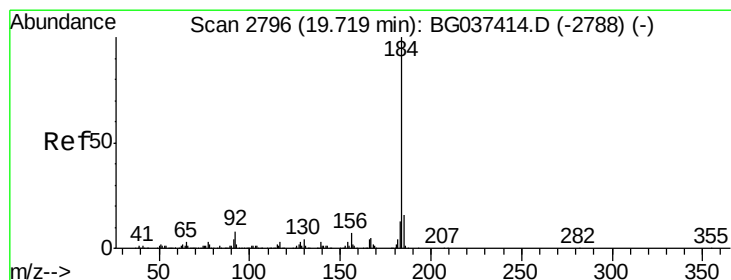
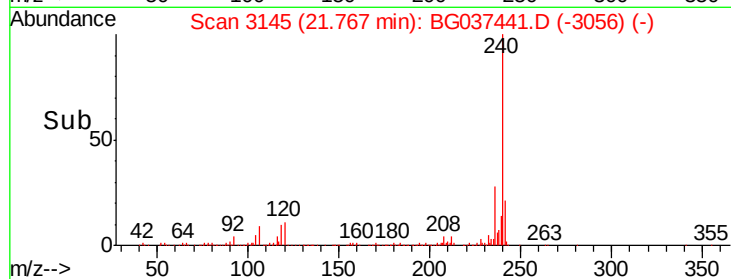
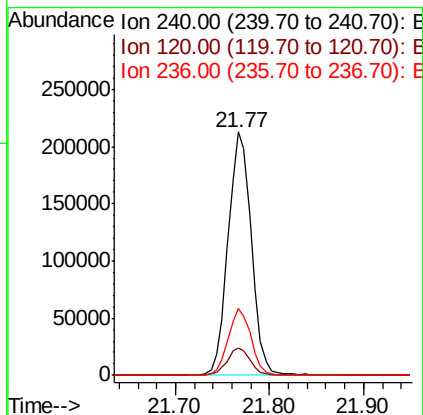
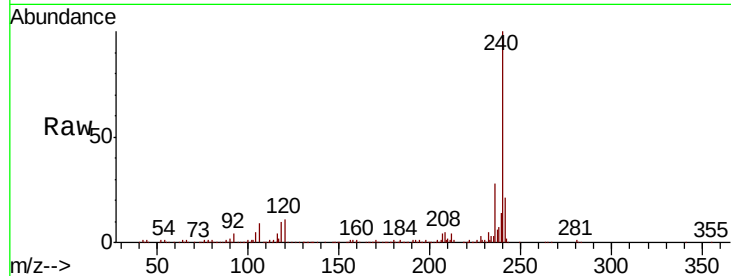




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037441.D
Acq: 19 Oct 2018 5:48

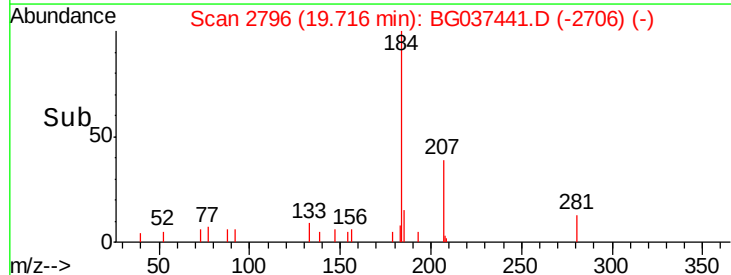
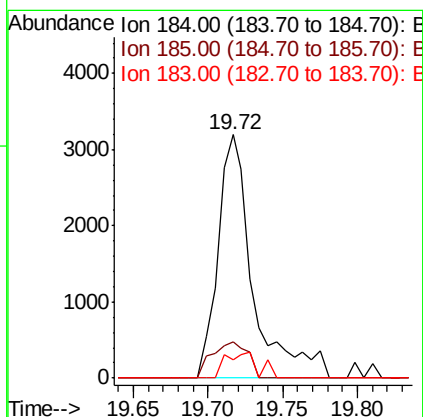
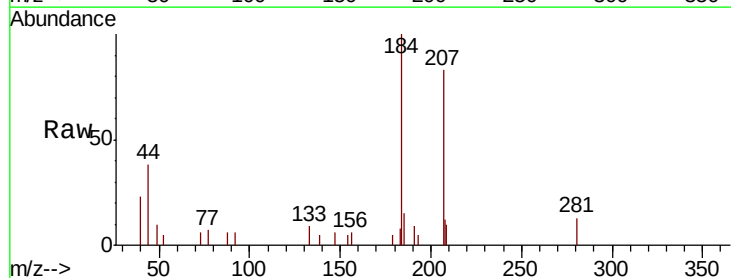
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

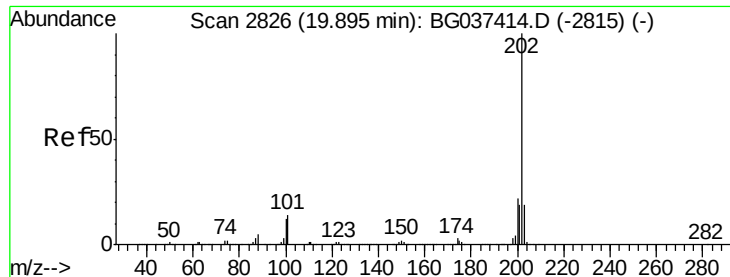
Tot Ion:240 Resp: 366917
Ion Ratio Lower Upper
240 100
120 11.3 8.1 12.1
236 27.6 21.4 32.0



#77
Benzidine
Concen: 0.419 ng
RT: 19.72 min Scan# 2796
Delta R.T. -0.00 min
Lab File: BG037441.D
Acq: 19 Oct 2018 5:48

Tgt Ion:184 Resp: 5223
Ion Ratio Lower Upper
184 100
185 15.1 12.6 18.8
183 7.5 10.2 15.2#

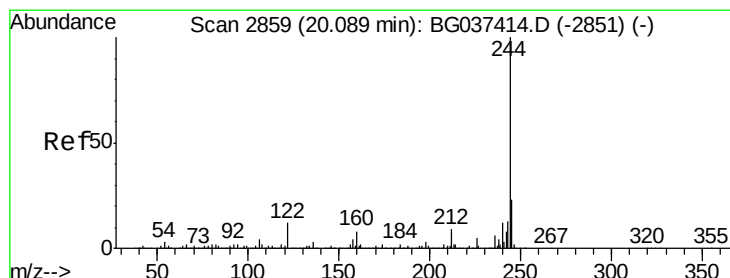
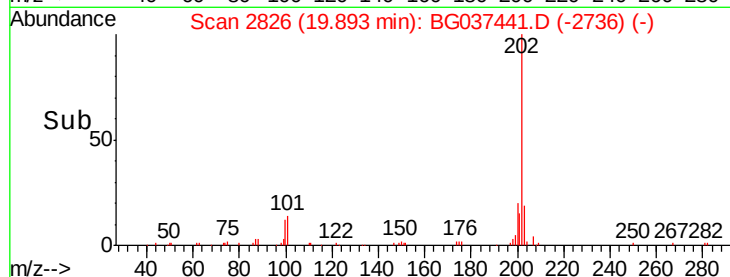
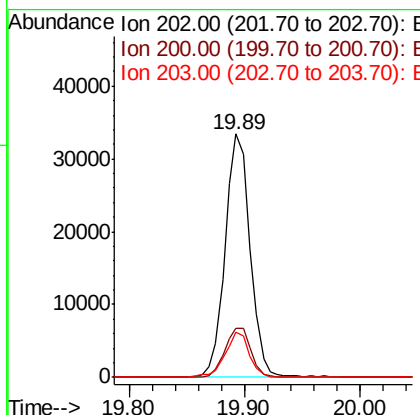
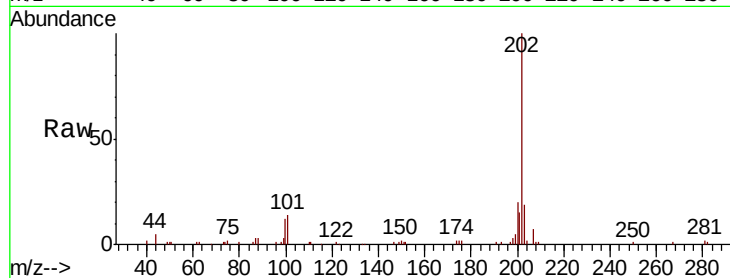




#78
Pvrene
Concen: 2.080 ng
RT: 19.89 min Scan# 2826
Delta R.T. -0.00 min
Lab File: BG037441.D
Acq: 19 Oct 2018 5:48

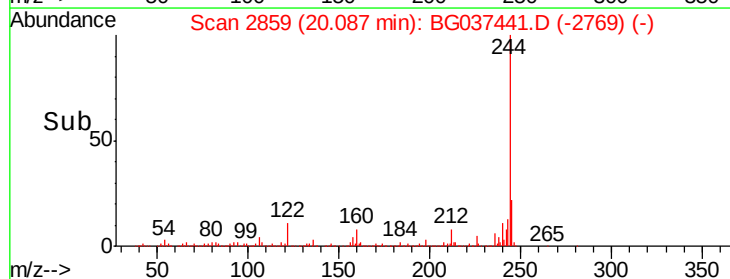
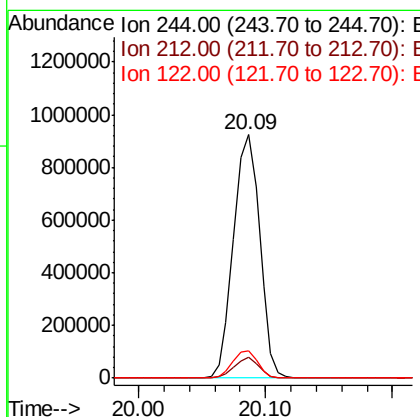
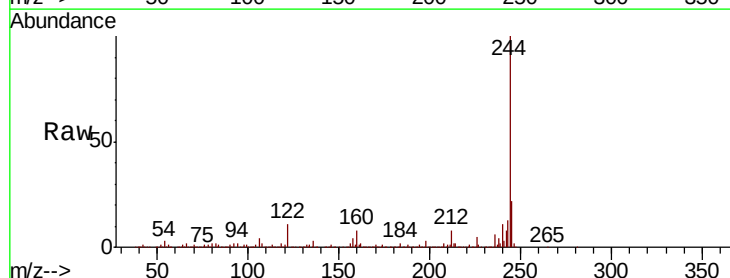
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

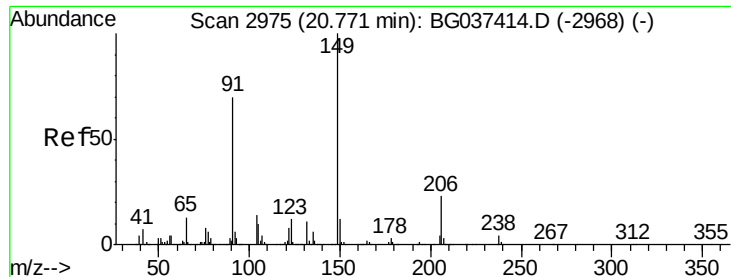
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.8	26.6
203	18.7	15.2	22.8



#79
Terphenyl-d14
Concen: 77.308 ng
RT: 20.09 min Scan# 2859
Delta R.T. -0.00 min
Lab File: BG037441.D
Acq: 19 Oct 2018 5:48

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.5	9.7
122	11.1	9.0	13.4

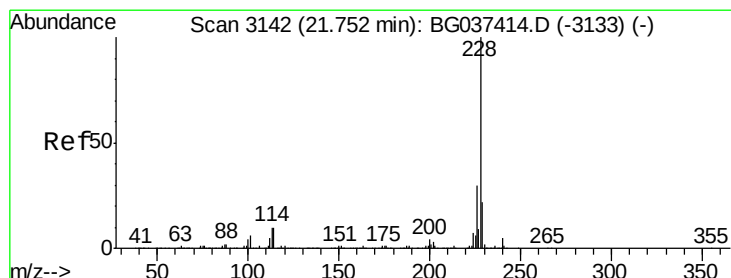
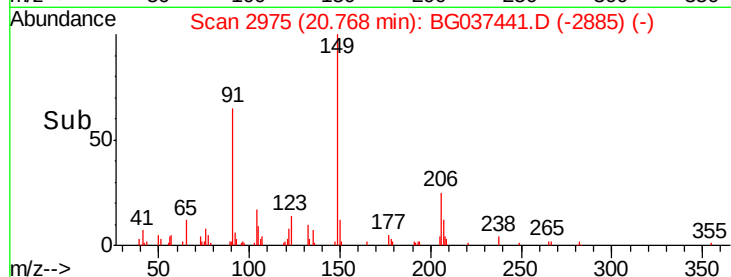
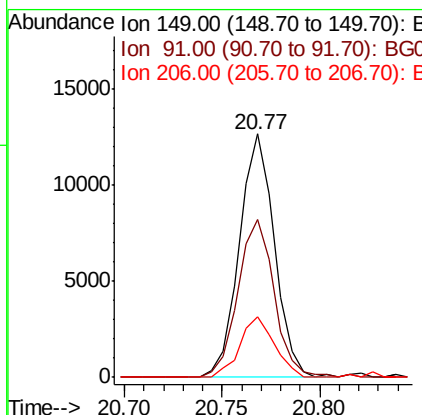
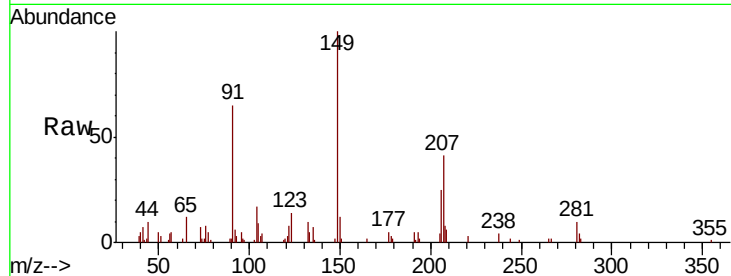




#80
Butylbenzylphthalate
Concen: 1.611 ng
RT: 20.77 min Scan# 2975
Delta R.T. -0.00 min
Lab File: BG037441.D
Acq: 19 Oct 2018 5:48

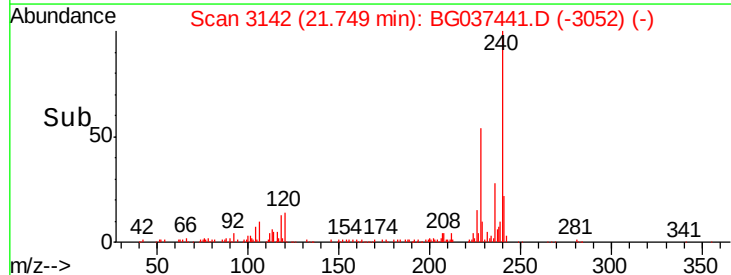
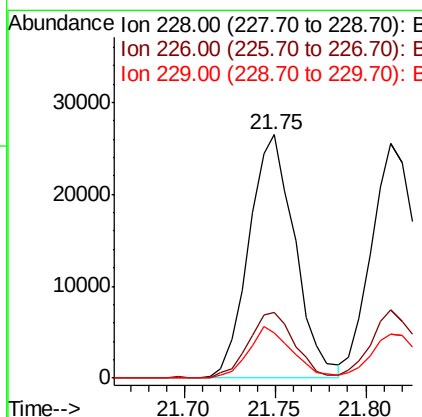
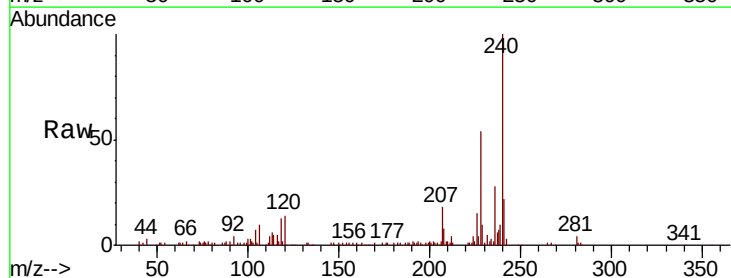
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

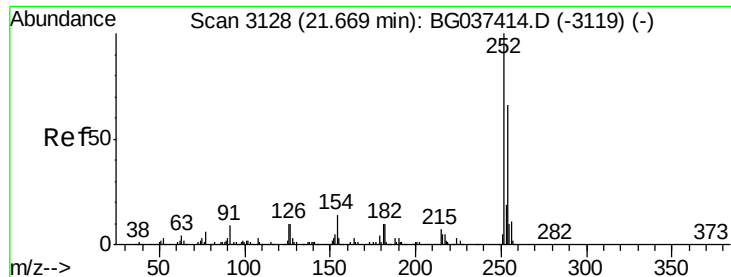
Tot Ion	Ratio	Lower	Upper
149	100		
91	64.9	57.0	85.4
206	25.1	17.8	26.6



#81
Benzo(a)anthracene
Concen: 2.147 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG037441.D
Acq: 19 Oct 2018 5:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.6	33.8
229	18.8	16.3	24.5

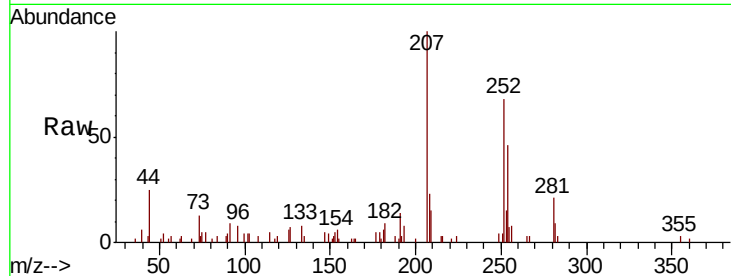




#82
 3,3'-Dichlorobenzidine
 Concen: 1.145 ng
 RT: 21.67 min Scan# 3128
 Delta R.T. -0.00 min
 Lab File: BG037441.D
 Acq: 19 Oct 2018 5:48

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT4-2018

Tot Ion	Ratio	Lower	Upper
252	100		
254	67.9	52.0	78.0
126	9.1	8.2	12.4

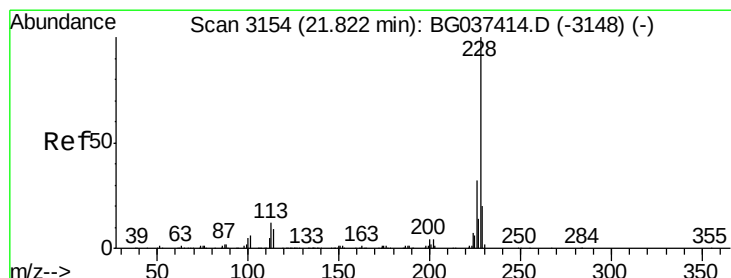
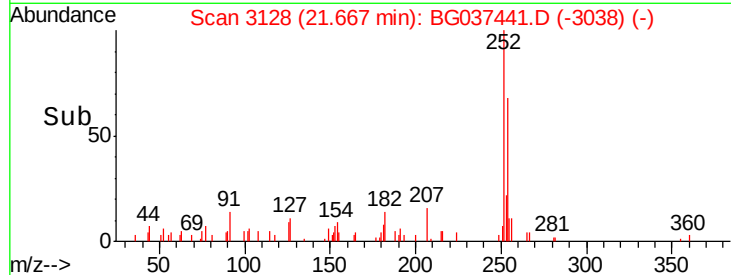
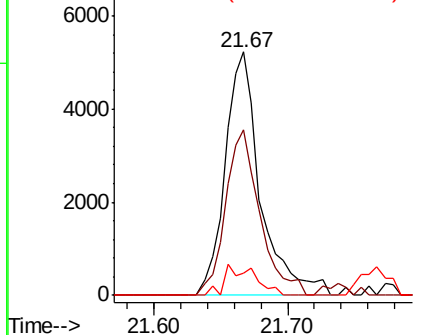


Abundance

Ion 252.00 (251.70 to 252.70): E

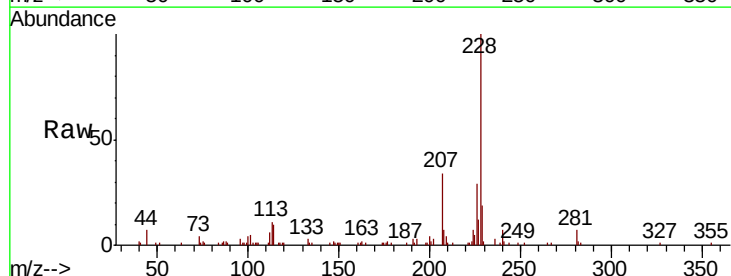
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83
 Chrysene
 Concen: 2.069 ng
 RT: 21.81 min Scan# 3153
 Delta R.T. -0.01 min
 Lab File: BG037441.D
 Acq: 19 Oct 2018 5:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	25.7	38.5
229	18.8	16.5	24.7

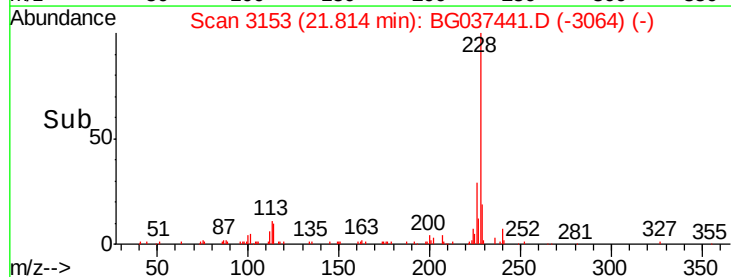
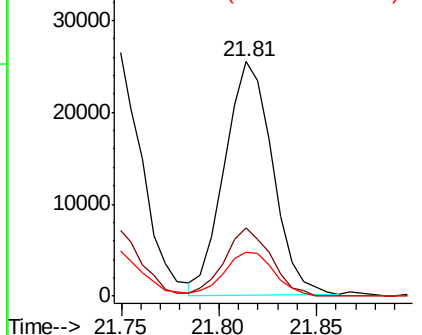


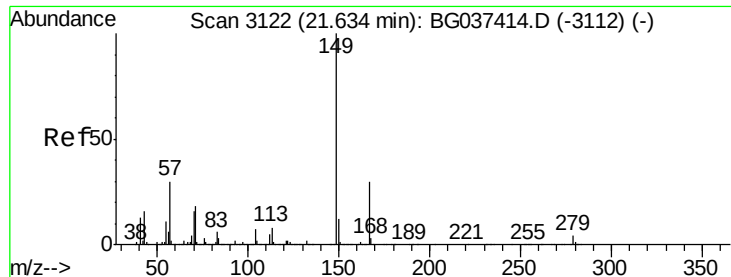
Abundance

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





#84

Bis(2-ethylhexyl)phthalate

Concen: 1.675 ng

RT: 21.63 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BG037441.D

Acq: 19 Oct 2018 5:48

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

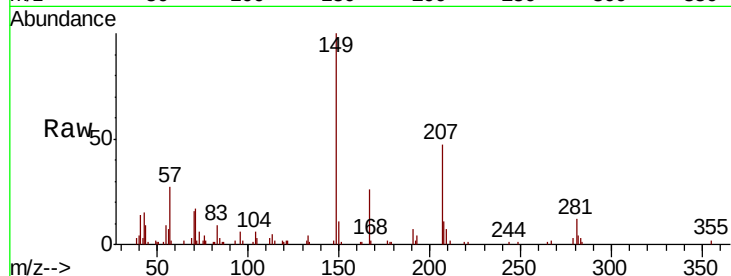
Tot Ion:149 Resp: 23046

Ion Ratio Lower Upper

149 100

167 26.1 23.0 34.4

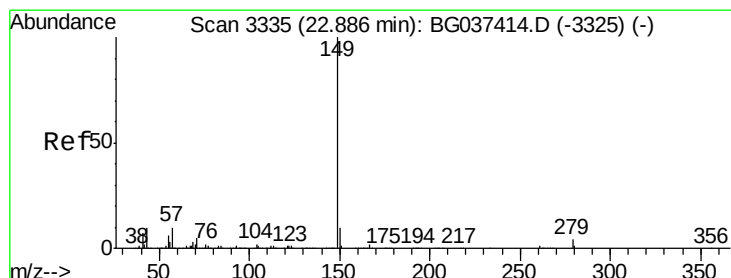
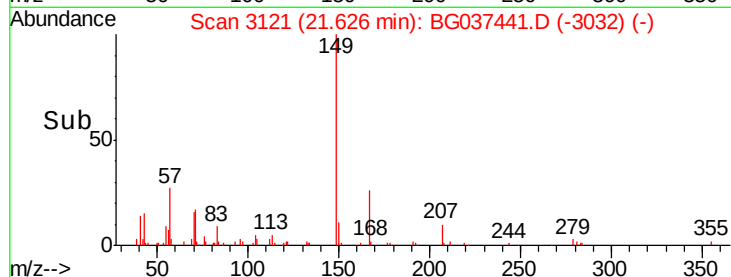
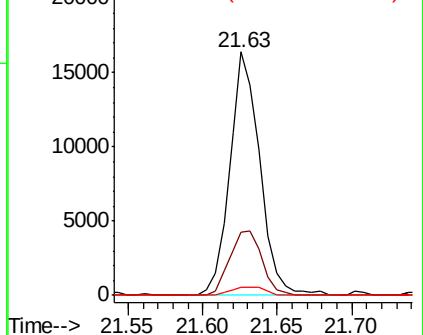
279 3.2 3.6 5.4#



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



#85

Di-n-octyl phthalate

Concen: 1.624 ng

RT: 22.88 min Scan# 3334

Delta R.T. -0.01 min

Lab File: BG037441.D

Acq: 19 Oct 2018 5:48

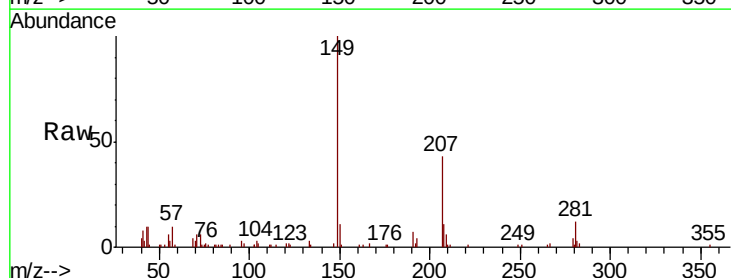
Tgt Ion:149 Resp: 36441

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

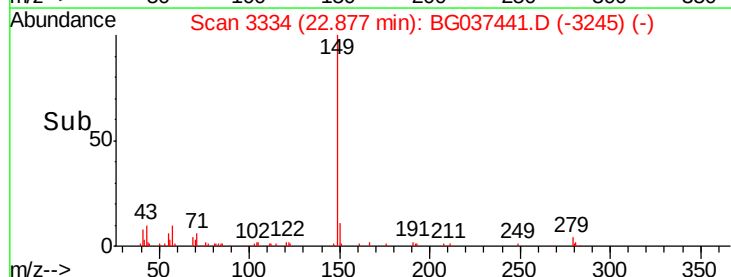
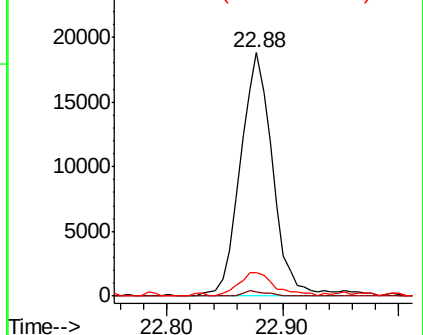
43 10.9 8.7 13.1

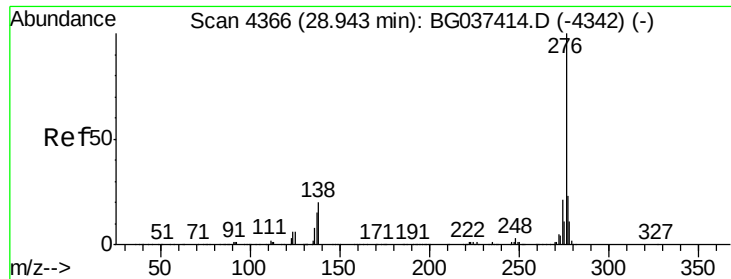


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

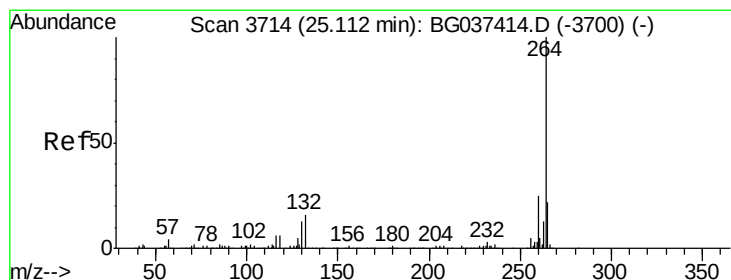
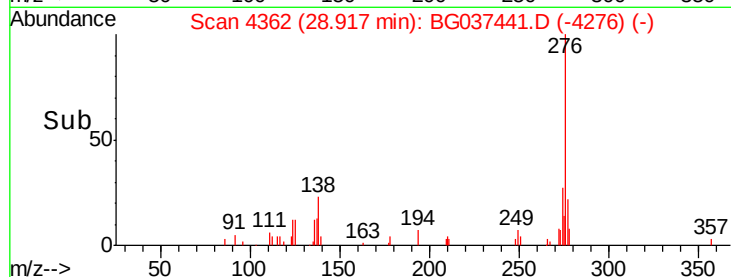
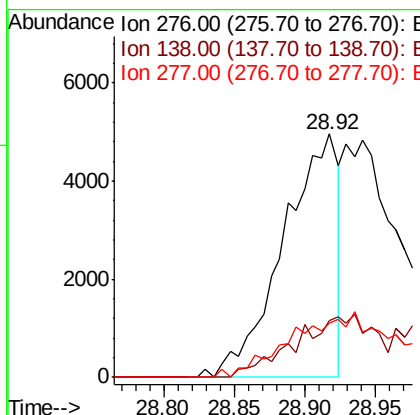
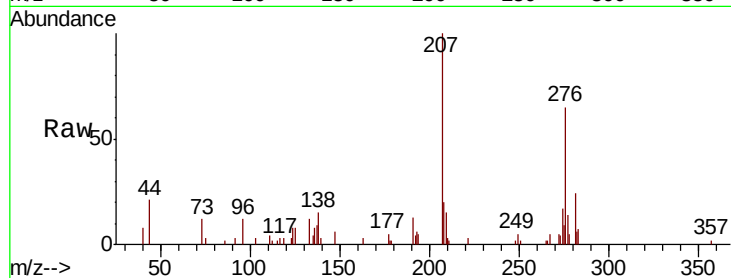




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 0.599 ng
 RT: 28.92 min Scan# 4362
 Delta R.T. -0.03 min
 Lab File: BG037441.D
 Acq: 19 Oct 2018 5:48

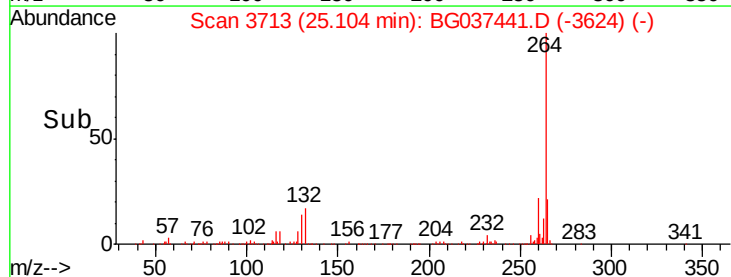
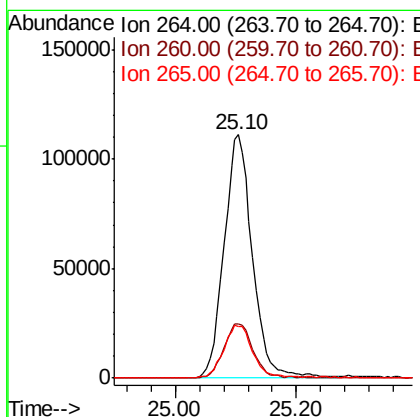
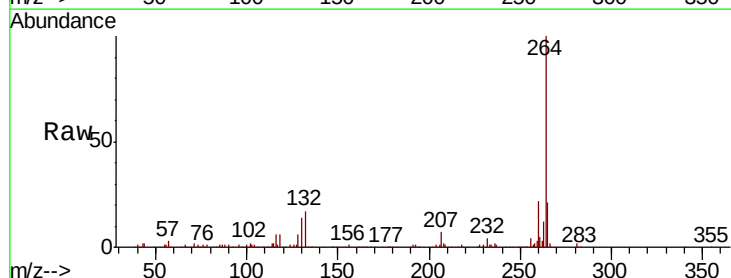
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT4-2018

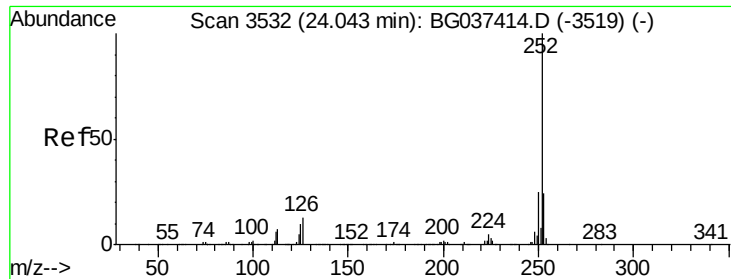
Tot Ion:276 Resp: 13412
 Ion Ratio Lower Upper
 276 100
 138 36.6 12.0 18.0#
 277 27.0 20.6 30.8



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.10 min Scan# 3713
 Delta R.T. -0.01 min
 Lab File: BG037441.D
 Acq: 19 Oct 2018 5:48

Tgt Ion:264 Resp: 361920
 Ion Ratio Lower Upper
 264 100
 260 22.4 18.2 27.4
 265 21.3 17.9 26.9

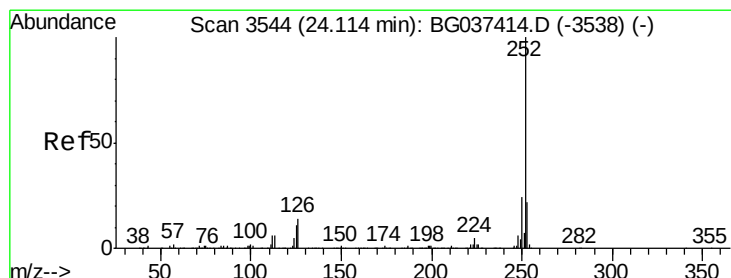
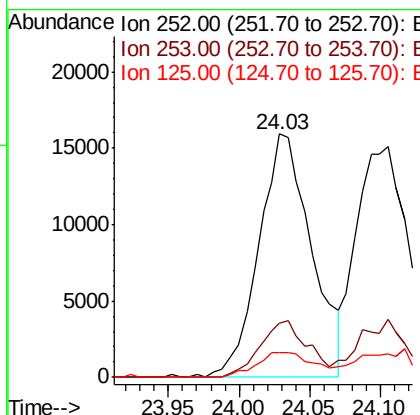
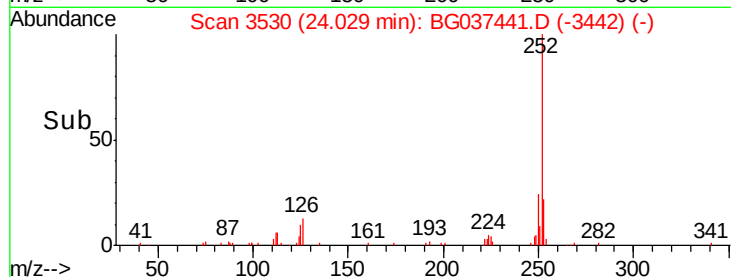
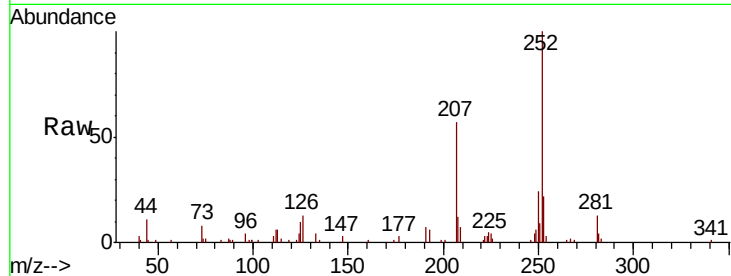




#88
Benzo(b)fluoranthene
Concen: 2.091 ng
RT: 24.03 min Scan# 3530
Delta R.T. -0.01 min
Lab File: BG037441.D
Acq: 19 Oct 2018 5:48

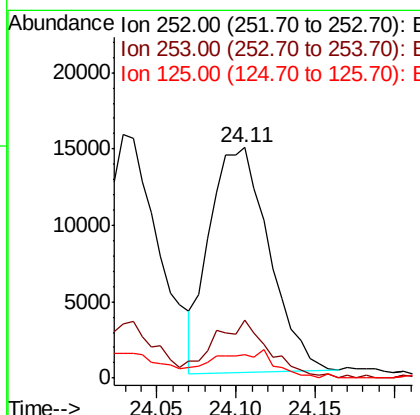
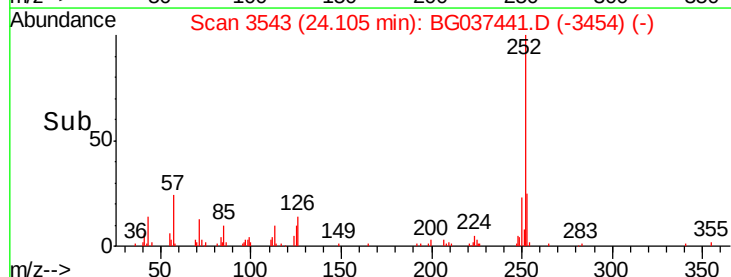
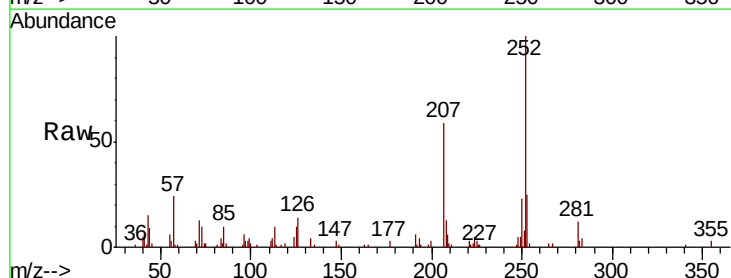
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

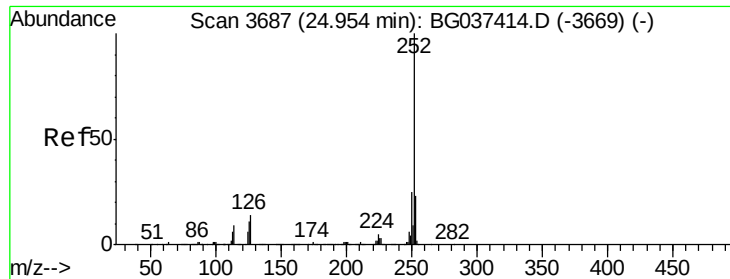
Tot Ion:252 Resp: 41490
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 9.9 7.8 11.6



#89
Benzo(k)fluoranthene
Concen: 1.968 ng
RT: 24.11 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG037441.D
Acq: 19 Oct 2018 5:48

Tgt Ion:252 Resp: 38258
Ion Ratio Lower Upper
252 100
253 25.2 17.4 26.2
125 10.2 7.4 11.0





#90

Benzo(a)pyrene

Concen: 2.019 ng

RT: 24.94 min Scan# 3685

Delta R.T. -0.01 min

Lab File: BG037441.D

Acq: 19 Oct 2018 5:48

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

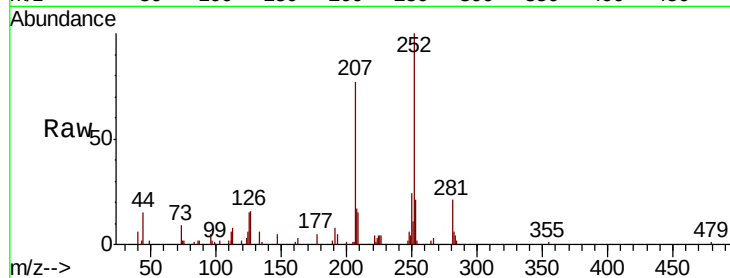
Tot Ion:252 Resp: 38064

Ion Ratio Lower Upper

252 100

253 21.1 17.4 26.2

125 15.0 9.0 13.6#

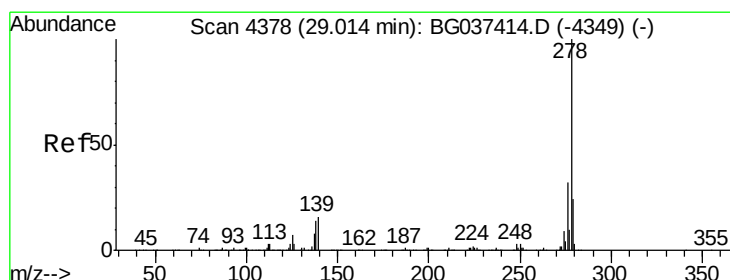
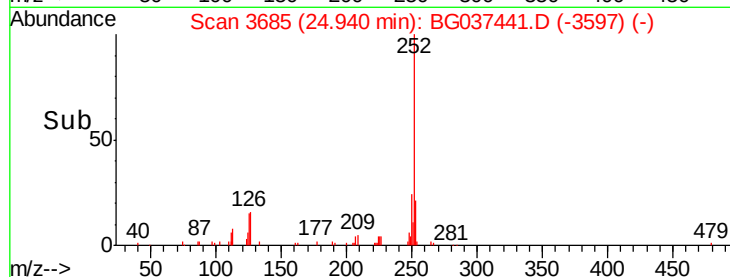
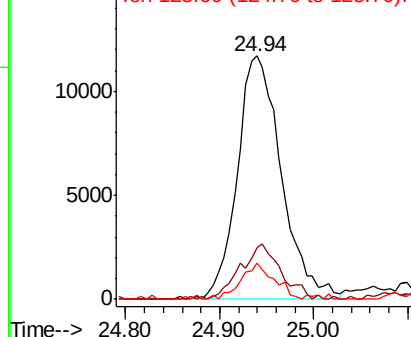


Abundance

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



#91

Dibenzo(a,h)anthracene

Concen: 1.513 ng

RT: 29.00 min Scan# 4376

Delta R.T. -0.01 min

Lab File: BG037441.D

Acq: 19 Oct 2018 5:48

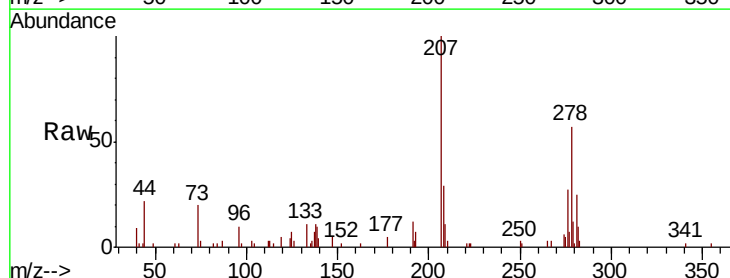
Tgt Ion:278 Resp: 26310

Ion Ratio Lower Upper

278 100

139 24.1 11.5 17.3#

279 21.8 18.6 27.8

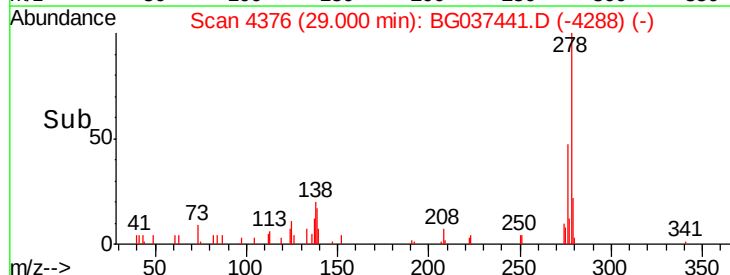
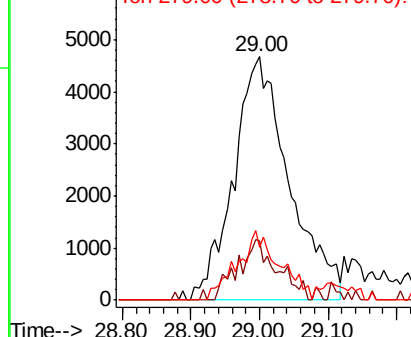


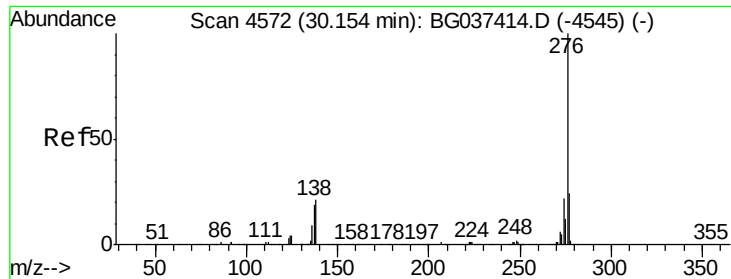
Abundance

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





#92

Benzo(a,h,i)perylene

Concen: 1.735 ng

RT: 30.11 min Scan# 4565

Delta R.T. -0.04 min

Lab File: BG037441.D

Acq: 19 Oct 2018 5:48

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

Tot Ion: 276 Resp: 30526

Ion Ratio Lower Upper

276 100

277 21.7 18.9 28.3

138 19.3 17.2 25.8

