

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101918\
 Data File : BG037459.D
 Acq On : 19 Oct 2018 18:33
 Operator : JU/SJ
 Sample : J5164-07
 Misc : LOD 5PPM
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

Quant Time: Oct 19 23:32:29 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	51035	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	235465	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	158229	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	381172	20.00	ng	0.00
76) Chrysene-d12	21.77	240	353473	20.00	ng	0.00
87) Perylene-d12	25.11	264	353596	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	439388	143.94	ng	0.00
7) Phenol-d6	7.24	99	641096	138.89	ng	0.00
23) Nitrobenzene-d5	9.28	82	358883	85.38	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	241598	139.99	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	869165	82.83	ng	0.00
79) Terphenyl-d14	20.09	244	1324316	80.06	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	6962	4.497	ng	95
3) Pyridine	3.95	79	19464	4.988	ng	# 81
4) n-Nitrosodimethylamine	3.86	42	7706	5.545	ng	88
6) Aniline	7.43	93	20780	3.690	ng	98
8) 2-Chlorophenol	7.66	128	18406	5.154	ng	98
9) Benzaldehyde	7.24	77	14945	5.176	ng	93
10) Phenol	7.27	94	24894	5.111	ng	97
11) bis(2-Chloroethyl)ether	7.53	93	18123	4.899	ng	89
12) 1,3-Dichlorobenzene	8.00	146	19997	5.030	ng	98
13) 1,4-Dichlorobenzene	8.14	146	19574	4.813	ng	98
14) 1,2-Dichlorobenzene	8.46	146	20407	5.217	ng	92
15) Benzyl Alcohol	8.34	79	16016	4.696	ng	85
16) 2,2'-oxybis(1-Chloropropan	8.63	45	34207	5.168	ng	99
17) 2-Methylphenol	8.53	107	16726	5.195	ng	99
18) Hexachloroethane	9.20	117	7184	5.182	ng	# 88
19) n-Nitroso-di-n-propylamine	8.91	70	14291	4.496	ng	# 97
20) 3+4-Methylphenols	8.86	107	22394	4.865	ng	98
22) Acetophenone	8.94	105	30273	5.126	ng	# 93
24) Nitrobenzene	9.32	77	23654	5.417	ng	93
25) Isophorone	9.84	82	40715	5.301	ng	95
26) 2-Nitrophenol	10.04	139	8254	4.196	ng	94
27) 2,4-Dimethylphenol	10.08	122	18626	5.303	ng	93
28) bis(2-Chloroethoxy)methane	10.32	93	27350	5.435	ng	94
29) 2,4-Dichlorophenol	10.56	162	18159	4.644	ng	92
30) 1,2,4-Trichlorobenzene	10.78	180	21389	5.030	ng	88
31) Naphthalene	10.98	128	63837	5.520	ng	98
32) Benzoic acid	10.12	122	2957	1.296	ng	90
33) 4-Chloroaniline	11.09	127	20025	3.685	ng	94
34) Hexachlorobutadiene	11.25	225	12066	4.787	ng	96
35) Caprolactam	11.85	113	5922	3.776	ng	# 90
36) 4-Chloro-3-methylphenol	12.19	107	20803	4.717	ng	# 97
37) 2-Methylnaphthalene	12.58	142	47660	5.653	ng	97
38) 1-Methylnaphthalene	12.79	142	47044	5.746	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	24712	4.842	ng	98

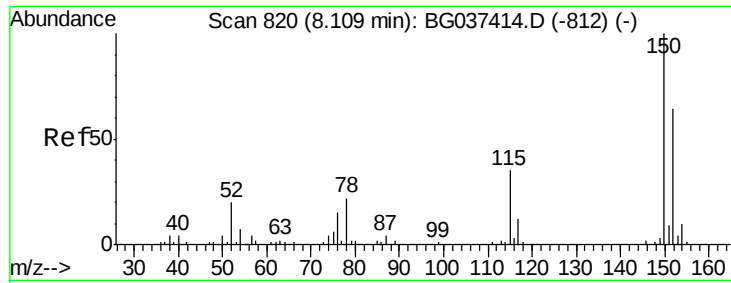
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101918\
 Data File : BG037459.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	11819	4.848	ng	99
43) 2,4,6-Trichlorophenol	13.17	196	14370	4.214	ng	98
44) 2,4,5-Trichlorophenol	13.24	196	17329	4.668	ng	91
46) 1,1'-Biphenyl	13.57	154	63104	4.816	ng	98
47) 2-Chloronaphthalene	13.63	162	48718	4.914	ng	99
48) 2-Nitroaniline	13.83	65	12766	4.246	ng	88
49) Acenaphthylene	14.47	152	82983	5.564	ng	99
50) Dimethylphthalate	14.19	163	66280	5.415	ng	97
51) 2,6-Dinitrotoluene	14.31	165	12416	4.585	ng	95
52) Acenaphthene	14.80	154	49603	5.401	ng	93
53) 3-Nitroaniline	14.65	138	10900	3.626	ng	94
54) 2,4-Dinitrophenol	14.85	184	698	7.234	ng	# 88
55) Dibenzofuran	15.14	168	82249	5.405	ng	96
56) 4-Nitrophenol	14.94	139	6050	2.719	ng	93
57) 2,4-Dinitrotoluene	15.09	165	15293	4.302	ng	# 96
58) Fluorene	15.78	166	67477	5.921	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	14944	4.701	ng	# 96
60) Diethylphthalate	15.54	149	66627	5.302	ng	96
61) 4-Chlorophenyl-phenylether	15.77	204	34598	5.209	ng	98
62) 4-Nitroaniline	15.81	138	12383	4.145	ng	95
63) Azobenzene	16.07	77	63862	5.326	ng	93
65) 4,6-Dinitro-2-methylphenol	15.85	198	2786	9.653	ng	84
66) n-Nitrosodiphenylamine	15.99	169	56378	4.917	ng	96
67) 4-Bromophenyl-phenylether	16.67	248	20352	4.862	ng	98
68) Hexachlorobenzene	16.77	284	21421	4.938	ng	97
69) Atrazine	16.93	200	19660	4.743	ng	94
70) Pentachlorophenol	17.12	266	5754	1.980	ng	96
71) Phenanthrene	17.53	178	111796	5.771	ng	97
72) Anthracene	17.62	178	108317	5.698	ng	98
73) Carbazole	17.89	167	94933	4.992	ng	97
74) Di-n-butylphthalate	18.43	149	106367	5.028	ng	97
75) Fluoranthene	19.53	202	123319	5.613	ng	99
77) Benzidine	20.09	184	21838	1.817	ng	98
78) Pyrene	19.89	202	127183	5.504	ng	98
80) Butylbenzylphthalate	20.77	149	42026	4.444	ng	95
81) Benzo(a)anthracene	21.75	228	116157	5.556	ng	99
82) 3,3'-Dichlorobenzidine	21.67	252	26067	3.217	ng	93
83) Chrysene	21.82	228	109881	5.466	ng	96
84) Bis(2-ethylhexyl)phthalate	21.63	149	59229	4.468	ng	99
85) Di-n-octyl phthalate	22.88	149	91537	4.235	ng	99
86) Indeno(1,2,3-cd)pyrene	28.93	276	91772	4.256	ng	# 92
88) Benzo(b)fluoranthene	24.04	252	98664	5.090	ng	98
89) Benzo(k)fluoranthene	24.11	252	105250	5.542	ng	98
90) Benzo(a)pyrene	24.95	252	95684	5.194	ng	95
91) Dibenzo(a,h)anthracene	28.99	278	73445	4.322	ng	94
92) Benzo(g,h,i)perylene	30.12	276	78111	4.544	ng	# 93

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

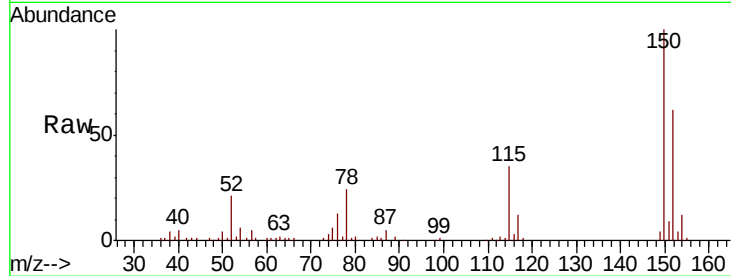


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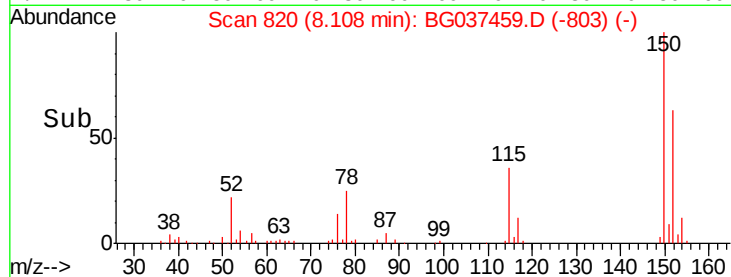
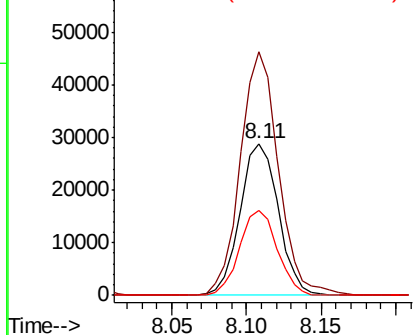
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037459.D
Acq: 19 Oct 2018 18:33

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tgt Ion:152 Resp: 51035
Ion Ratio Lower Upper
152 100
150 160.2 126.0 189.0
115 56.2 45.5 68.3



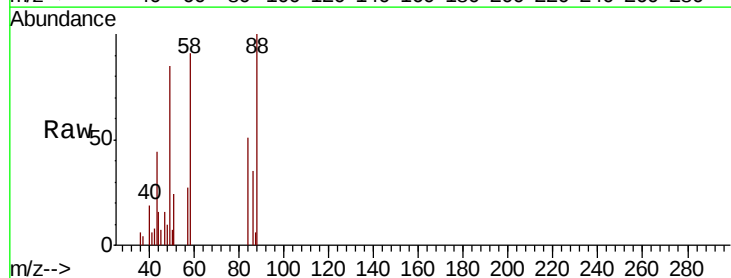
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



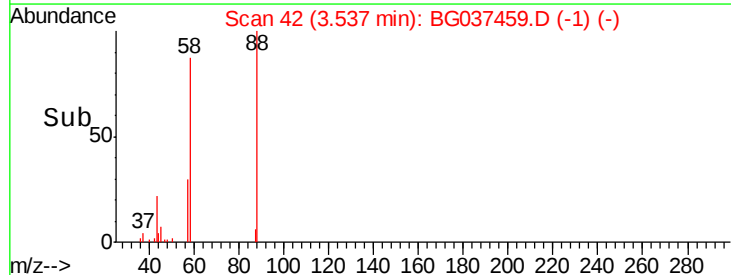
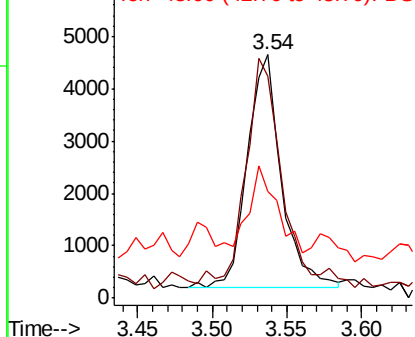
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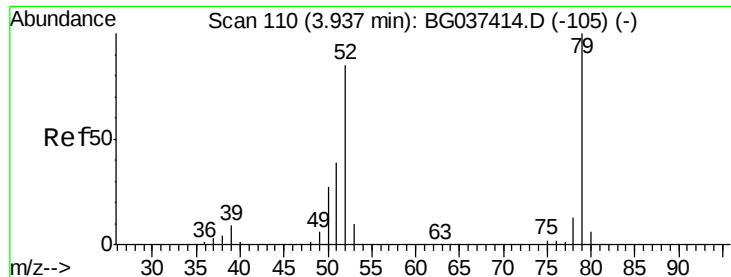
1,4-Dioxane
Concen: 4.497 ng
RT: 3.54 min Scan# 42
Delta R.T. 0.01 min
Lab File: BG037459.D
Acq: 19 Oct 2018 18:33

Tgt Ion: 88 Resp: 6962
Ion Ratio Lower Upper
88 100
58 97.8 74.4 111.6
43 29.5 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

Pyridine

Concen: 4.988 ng

RT: 3.95 min Scan# 112

Delta R.T. 0.01 min

Lab File: BG037459.D

Acq: 19 Oct 2018 18:33

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

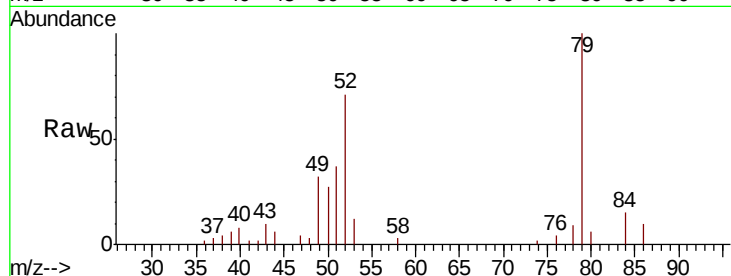
Tgt Ion: 79 Resp: 19464

Ion Ratio Lower Upper

79 100

52 71.3 74.2 111.2#

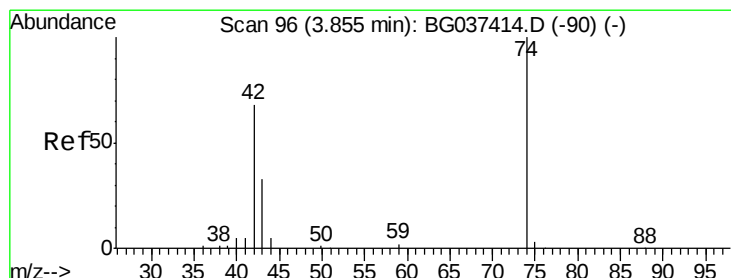
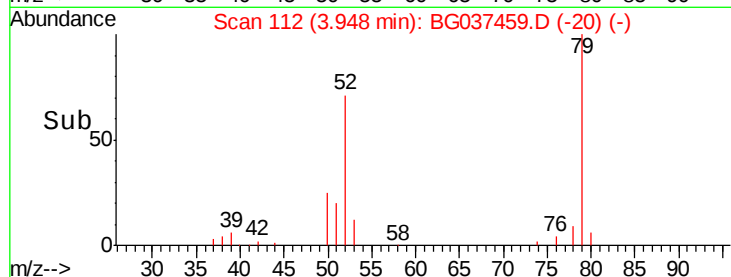
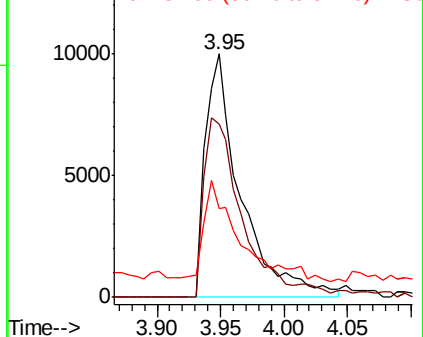
51 36.6 34.6 51.8



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 5.545 ng

RT: 3.86 min Scan# 97

Delta R.T. 0.01 min

Lab File: BG037459.D

Acq: 19 Oct 2018 18:33

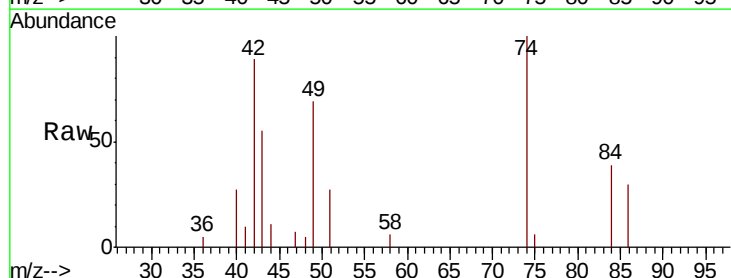
Tgt Ion: 42 Resp: 7706

Ion Ratio Lower Upper

42 100

74 112.2 102.0 153.0

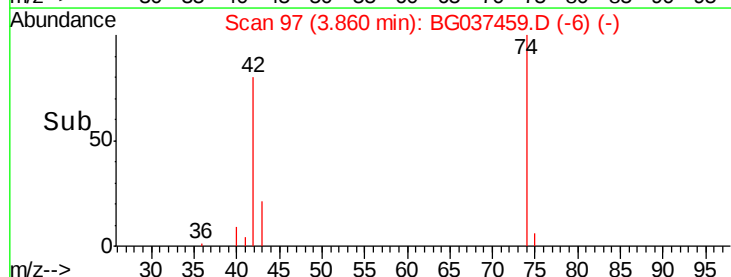
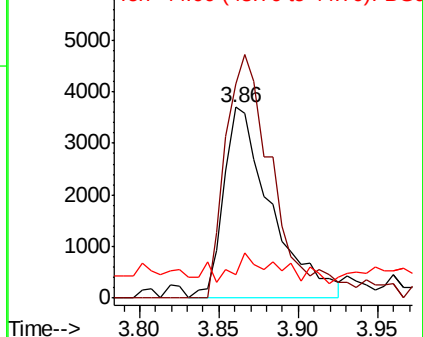
44 12.6 9.6 14.4

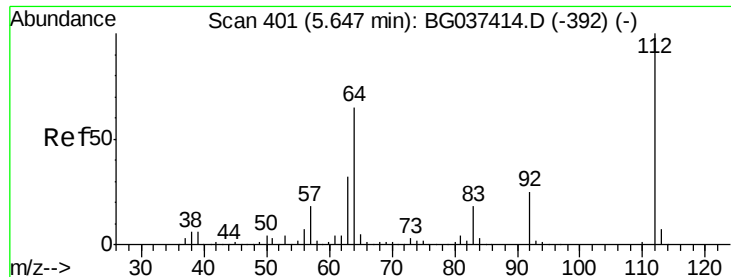


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 143.939 ng

RT: 5.65 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037459.D

Acq: 19 Oct 2018 18:33

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

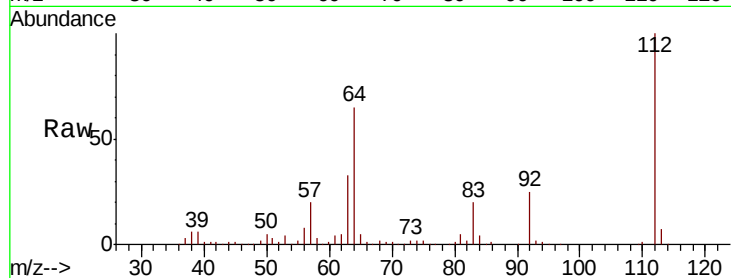
Tgt Ion: 112 Resp: 439388

Ion Ratio Lower Upper

112 100

64 65.1 53.1 79.7

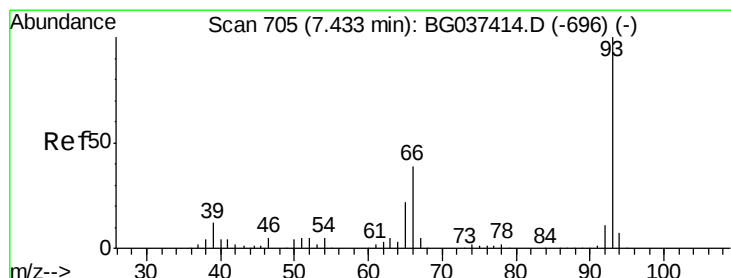
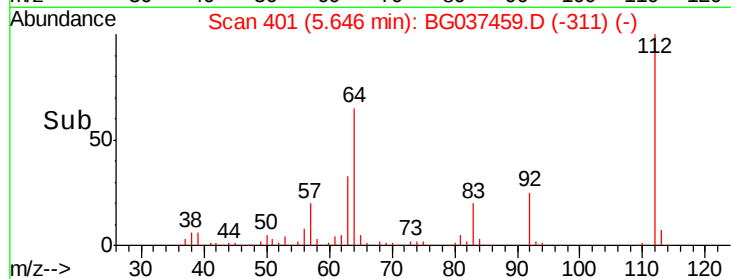
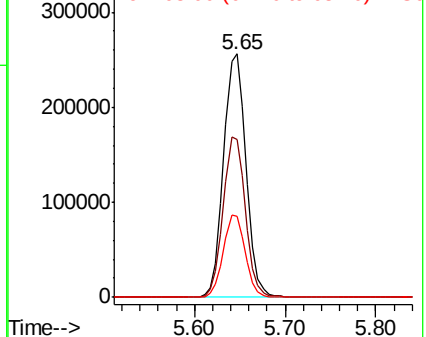
63 33.1 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 3.690 ng

RT: 7.43 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG037459.D

Acq: 19 Oct 2018 18:33

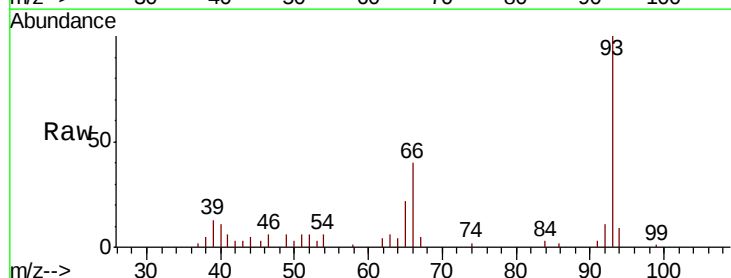
Tgt Ion: 93 Resp: 20780

Ion Ratio Lower Upper

93 100

66 40.2 32.8 49.2

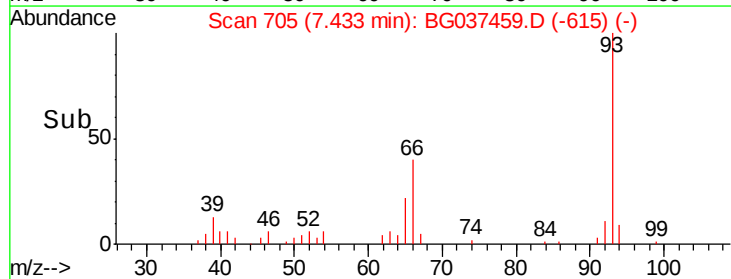
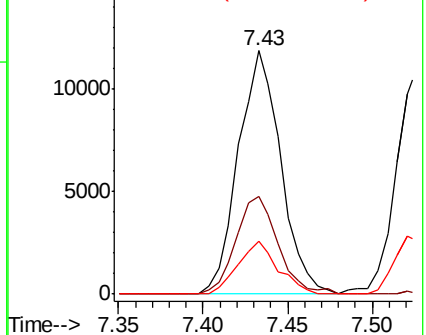
65 21.9 16.4 24.6

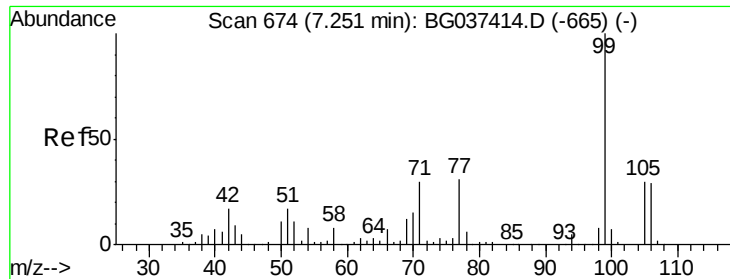


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 138.888 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037459.D

Acq: 19 Oct 2018 18:33

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

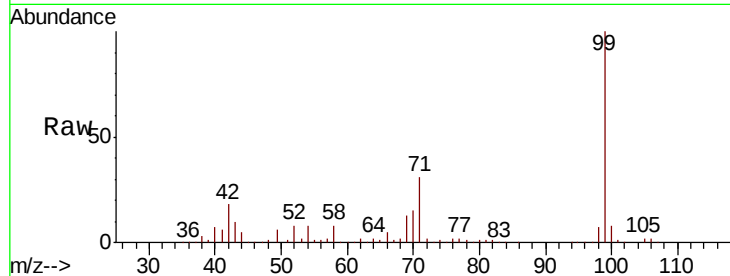
Tgt Ion: 99 Resp: 641096

Ion Ratio Lower Upper

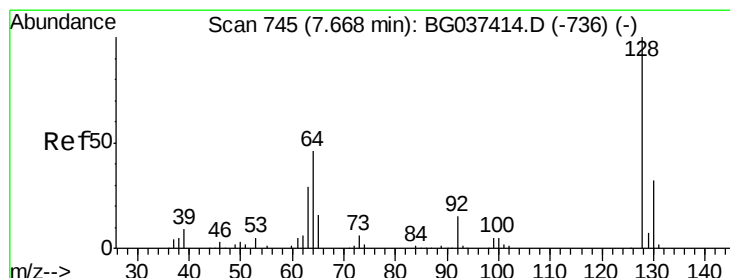
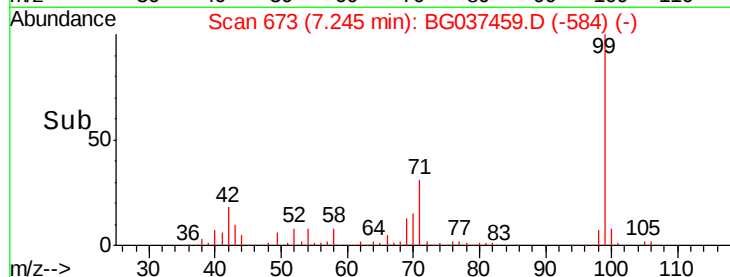
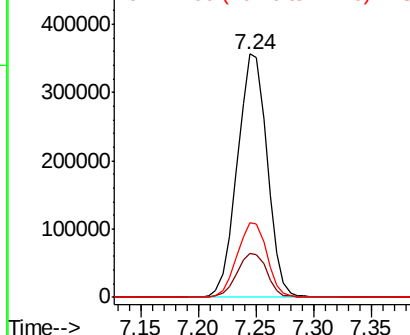
99 100

42 18.2 15.0 22.4

71 30.9 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: 5.154 ng

RT: 7.66 min Scan# 744

Delta R.T. -0.01 min

Lab File: BG037459.D

Acq: 19 Oct 2018 18:33

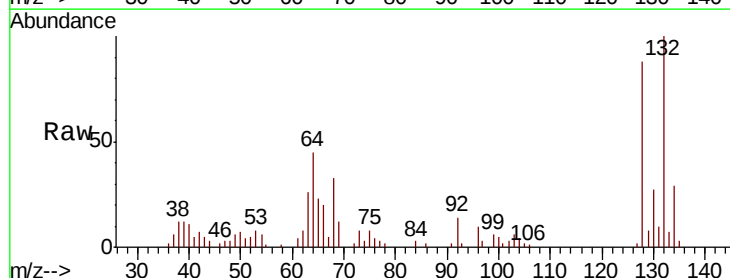
Tgt Ion: 128 Resp: 18406

Ion Ratio Lower Upper

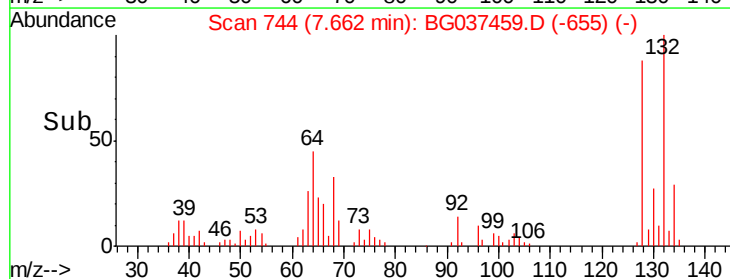
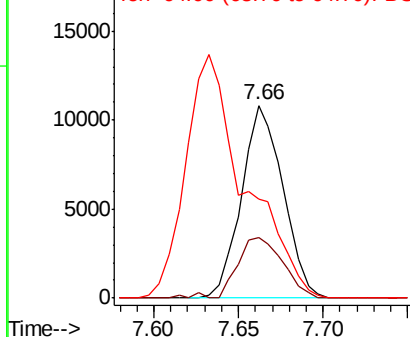
128 100

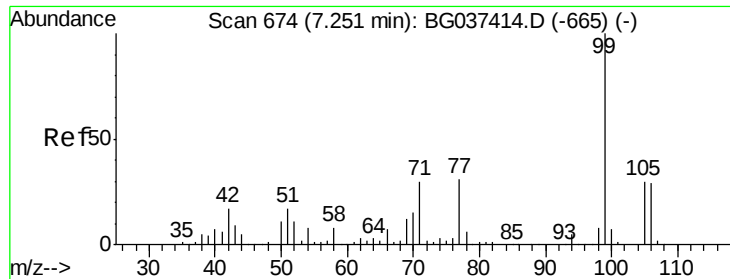
130 31.2 12.0 52.0

64 51.2 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: 5.176 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037459.D

Acq: 19 Oct 2018 18:33

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

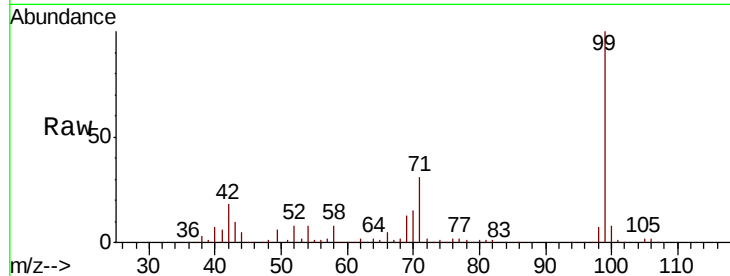
Tgt Ion: 77 Resp: 14945

Ion Ratio Lower Upper

77 100

105 90.1 72.6 112.6

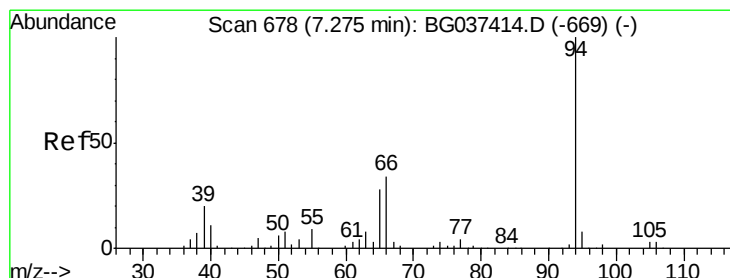
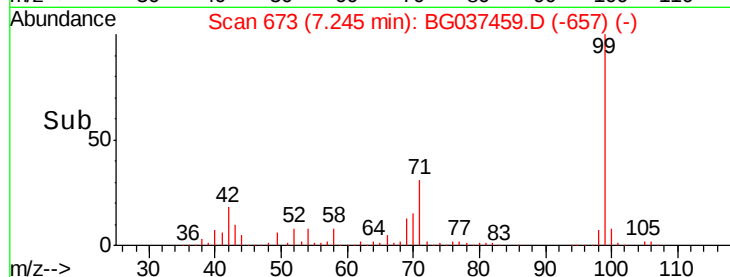
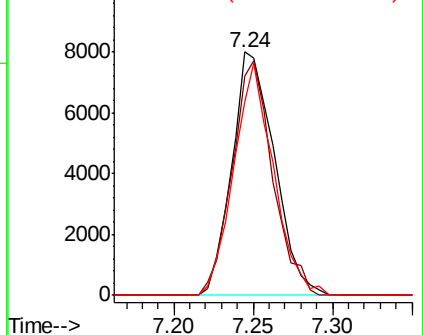
106 79.8 71.3 111.3



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: 5.111 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037459.D

Acq: 19 Oct 2018 18:33

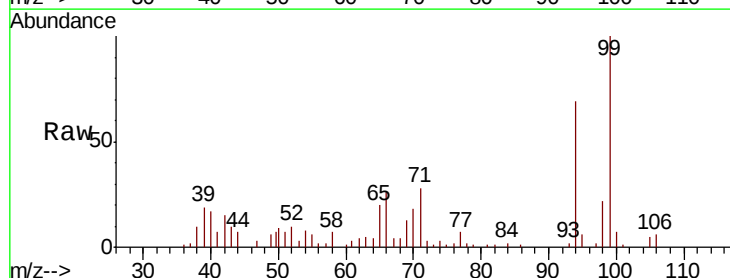
Tgt Ion: 94 Resp: 24894

Ion Ratio Lower Upper

94 100

65 28.3 9.7 49.7

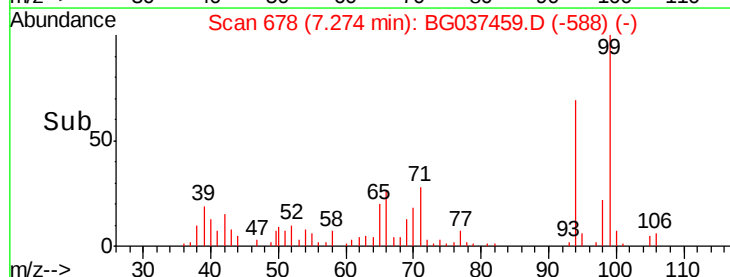
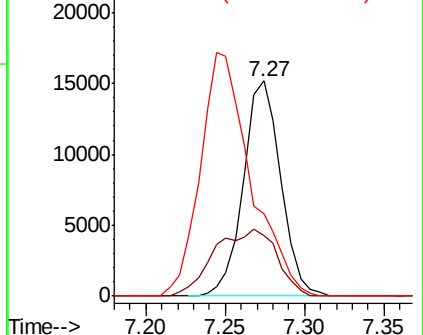
66 38.1 15.9 55.9



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



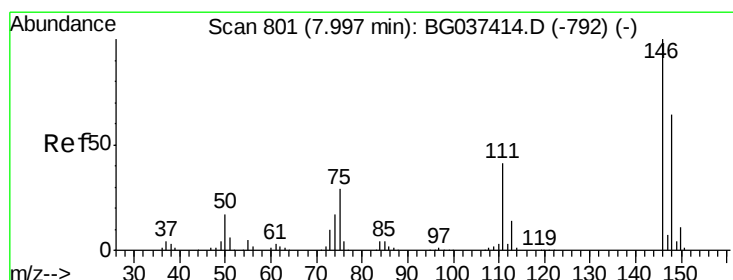
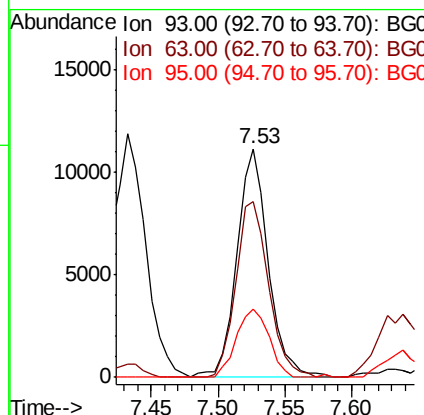
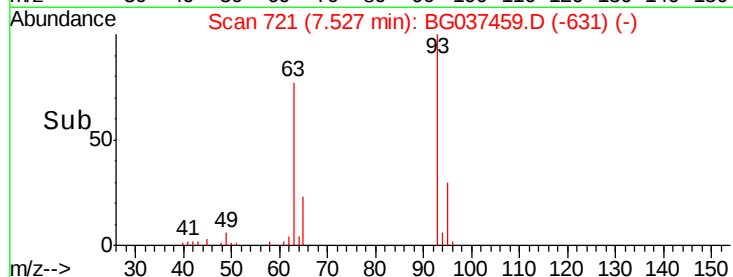
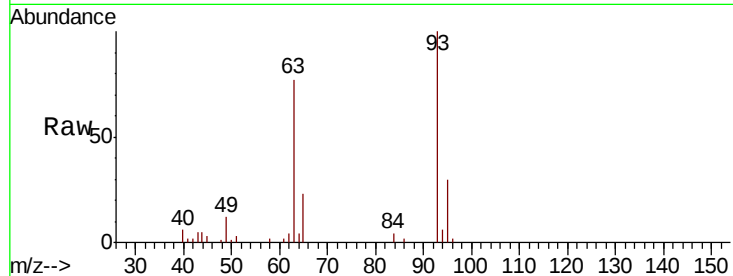


#11
bis(2-Chloroethyl)ether
Concen: 4.899 ng
RT: 7.53 min Scan# 721
Delta R.T. -0.00 min
Lab File: BG037459.D
Acq: 19 Oct 2018 18:33

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tgt Ion: 93 Resp: 18123

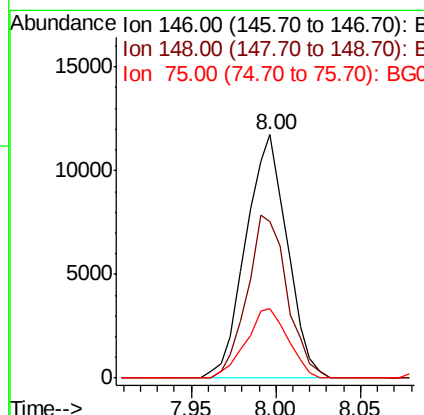
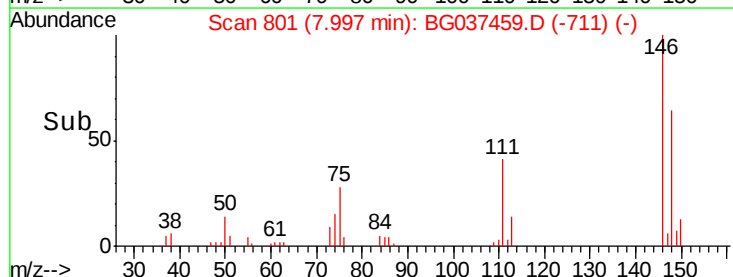
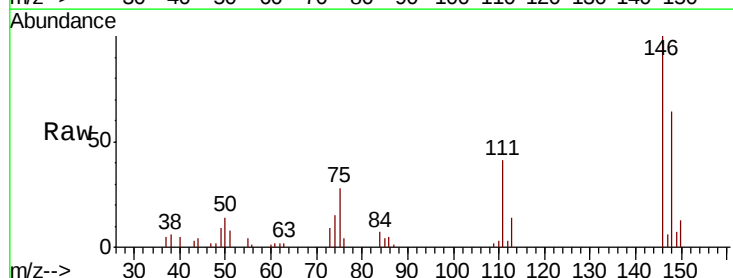
Ion	Ratio	Lower	Upper
93	100		
63	77.0	69.5	109.5
95	30.1	12.6	52.6

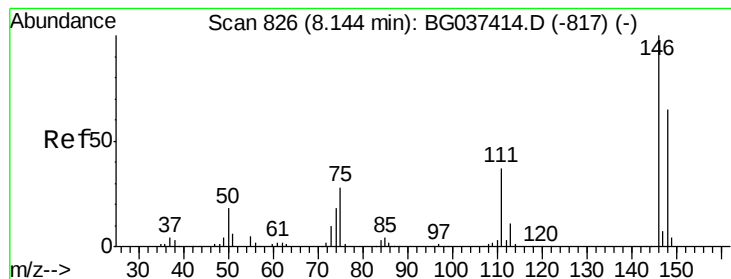


#12
1,3-Dichlorobenzene
Concen: 5.030 ng
RT: 8.00 min Scan# 801
Delta R.T. -0.00 min
Lab File: BG037459.D
Acq: 19 Oct 2018 18:33

Tgt Ion: 146 Resp: 19997

Ion	Ratio	Lower	Upper
146	100		
148	64.5	49.8	74.8
75	28.4	23.2	34.8





#13

1,4-Dichlorobenzene

Concen: 4.813 ng

RT: 8.14 min Scan# 826

Delta R.T. -0.00 min

Lab File: BG037459.D

Acq: 19 Oct 2018 18:33

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

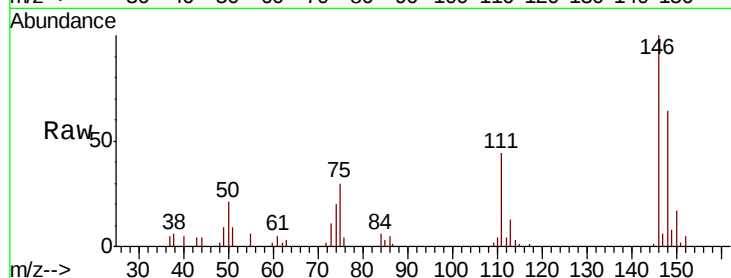
Tgt Ion:146 Resp: 19574

Ion Ratio Lower Upper

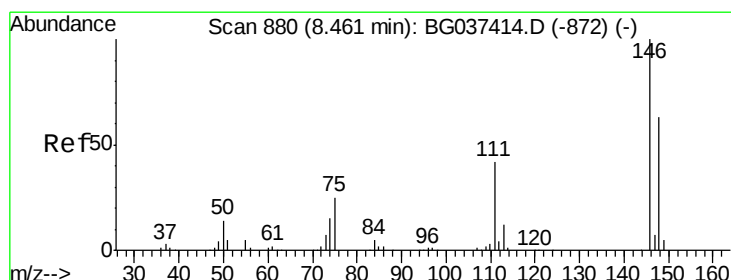
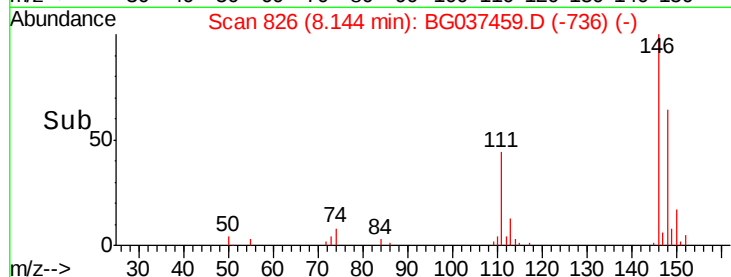
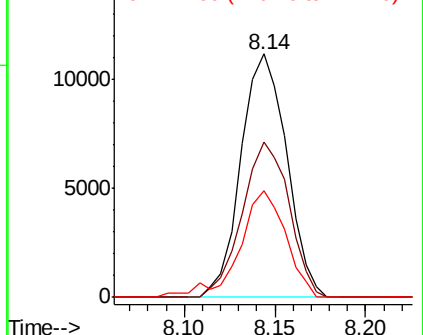
146 100

148 63.6 51.0 76.6

111 43.8 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: 5.217 ng

RT: 8.46 min Scan# 880

Delta R.T. -0.00 min

Lab File: BG037459.D

Acq: 19 Oct 2018 18:33

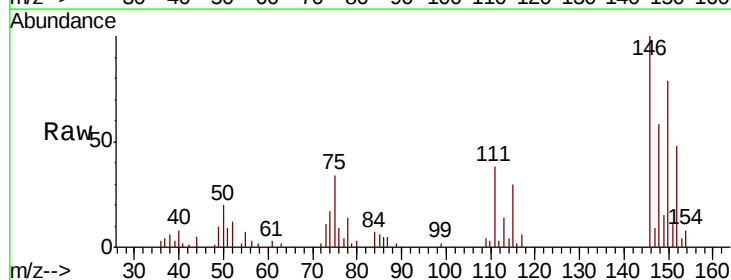
Tgt Ion:146 Resp: 20407

Ion Ratio Lower Upper

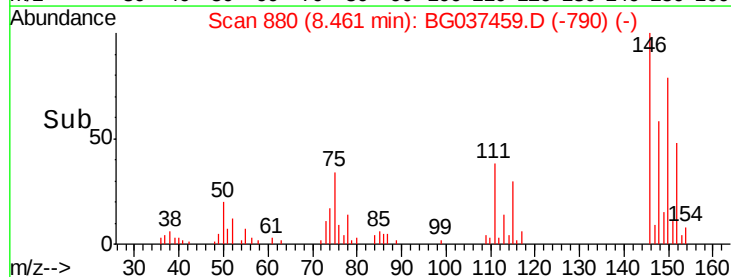
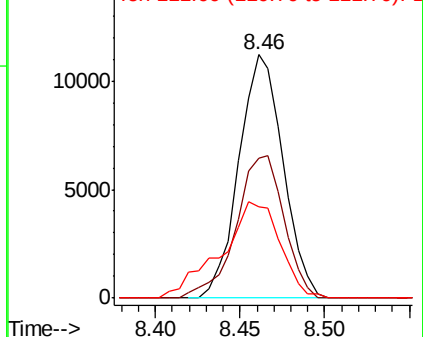
146 100

148 57.5 50.4 75.6

111 37.7 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: 4.696 ng

RT: 8.34 min Scan# 860

Delta R.T. -0.00 min

Lab File: BG037459.D

Acq: 19 Oct 2018 18:33

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

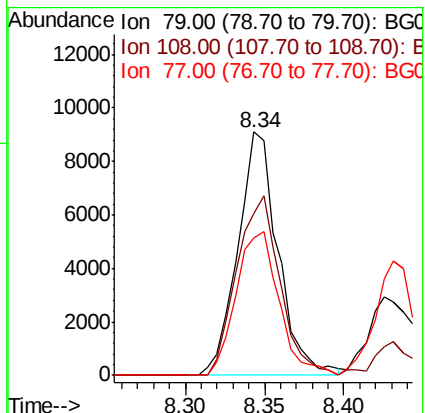
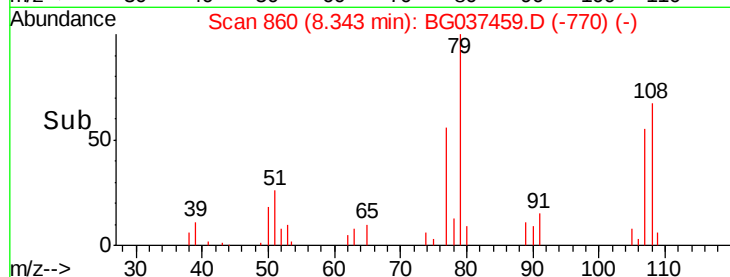
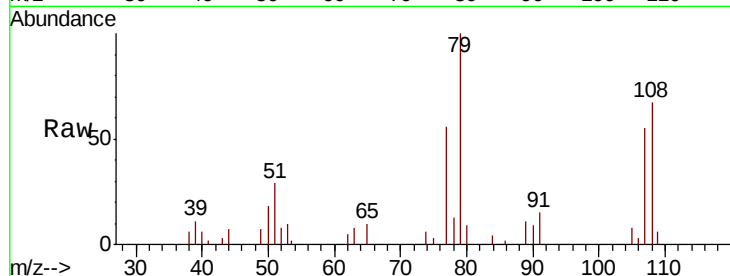
Tgt Ion: 79 Resp: 16016

Ion Ratio Lower Upper

79 100

108 66.5 65.8 98.8

77 56.2 52.9 79.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 5.168 ng

RT: 8.63 min Scan# 909

Delta R.T. -0.00 min

Lab File: BG037459.D

Acq: 19 Oct 2018 18:33

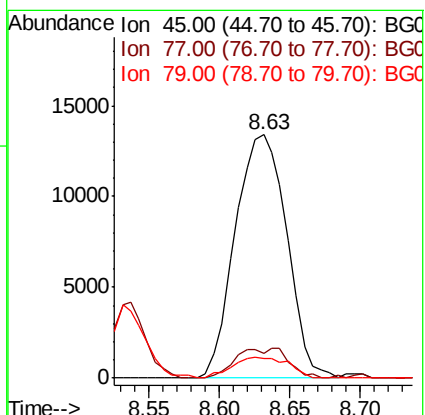
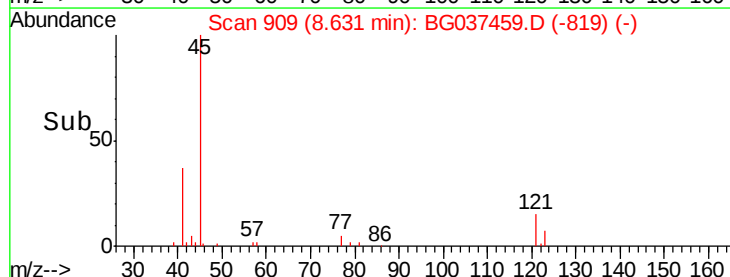
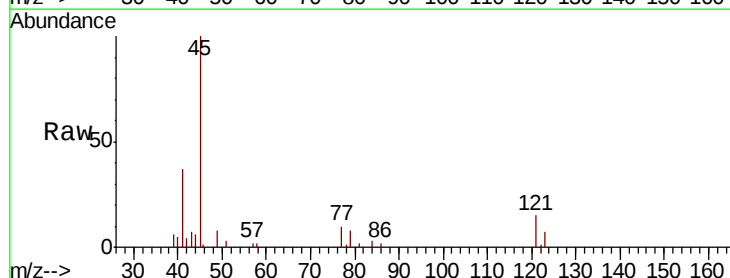
Tgt Ion: 45 Resp: 34207

Ion Ratio Lower Upper

45 100

77 10.1 0.0 30.0

79 8.0 0.0 29.0

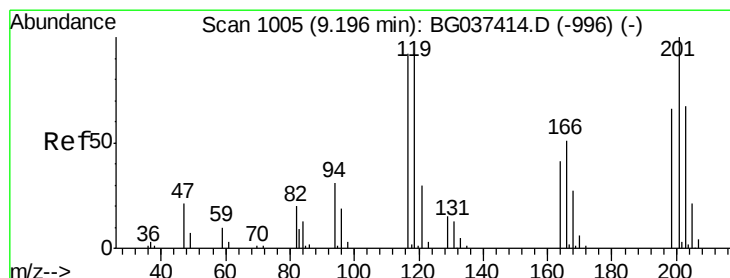
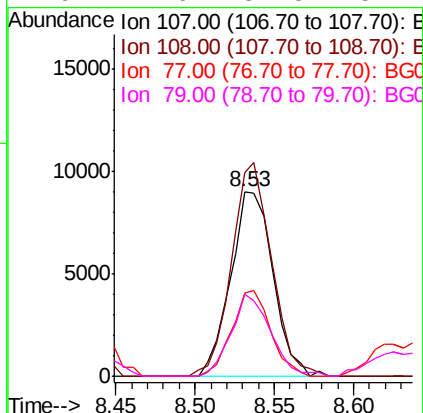
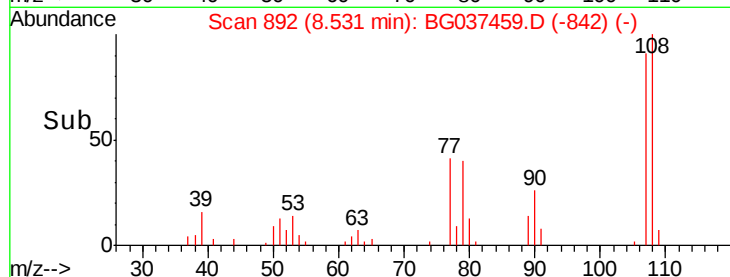
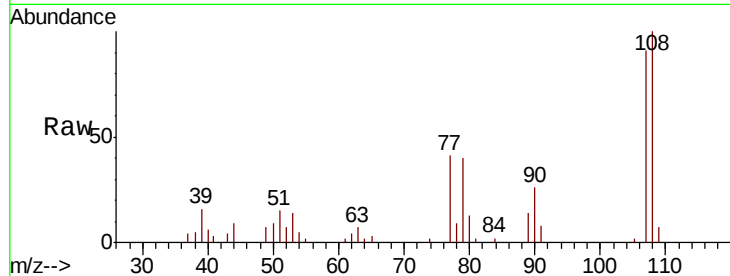




#17
2-Methylphenol
Concen: 5.195 ng
RT: 8.53 min Scan# 892
Delta R.T. -0.01 min
Lab File: BG037459.D
Acq: 19 Oct 2018 18:33

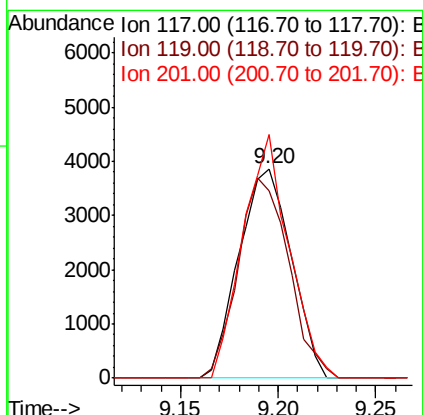
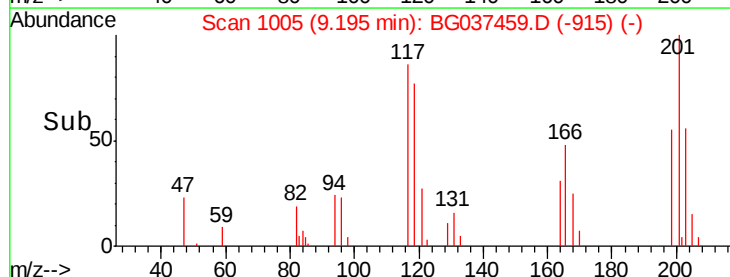
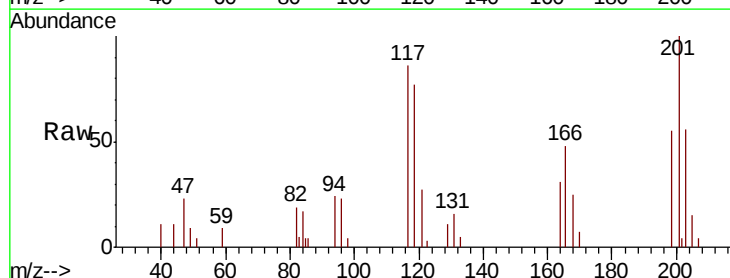
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

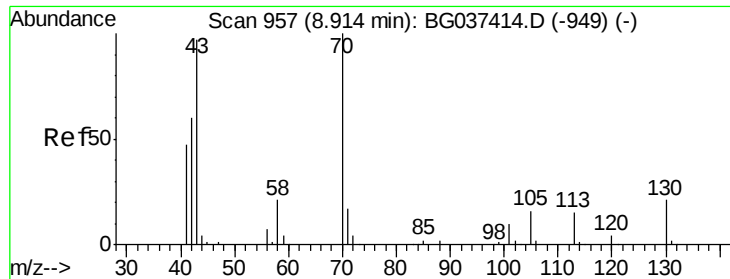
Tgt Ion:	107	Resp:	16726
Ion	Ratio	Lower	Upper
107	100		
108	110.5	87.9	131.9
77	45.1	35.1	52.7
79	44.6	34.5	51.7



#18
Hexachloroethane
Concen: 5.182 ng
RT: 9.20 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BG037459.D
Acq: 19 Oct 2018 18:33

Tgt Ion:	117	Resp:	7184
Ion	Ratio	Lower	Upper
117	100		
119	89.7	74.6	111.8
201	121.3	80.8	121.2#

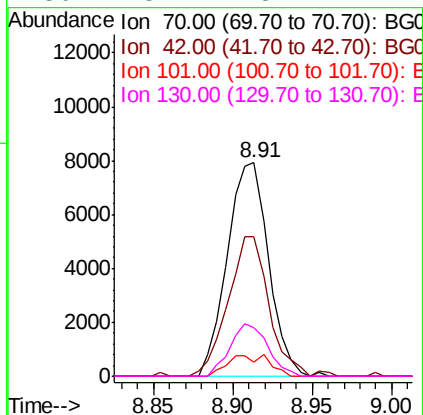
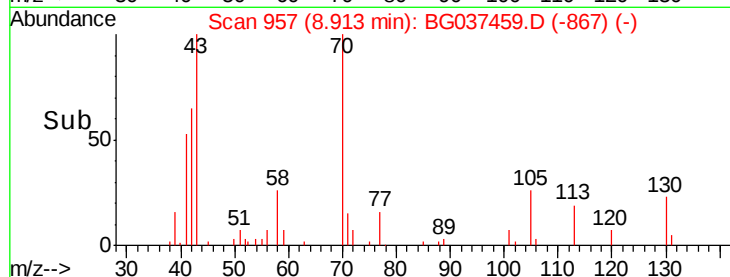
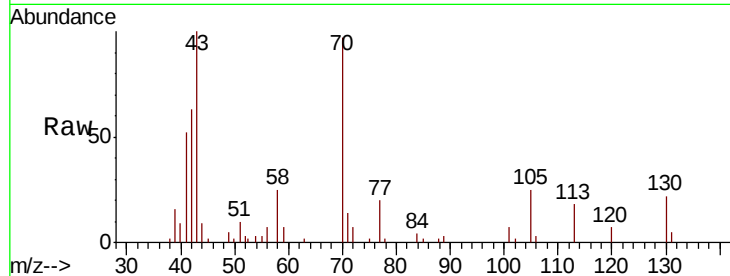




#19
n-Nitroso-di-n-propylamine
Concen: 4.496 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG037459.D
Acq: 19 Oct 2018 18:33

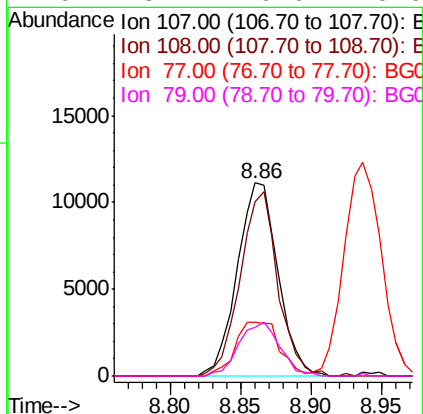
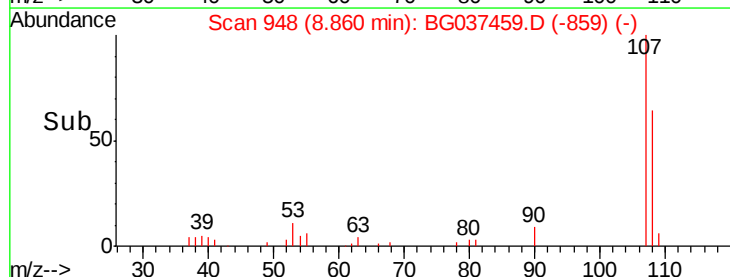
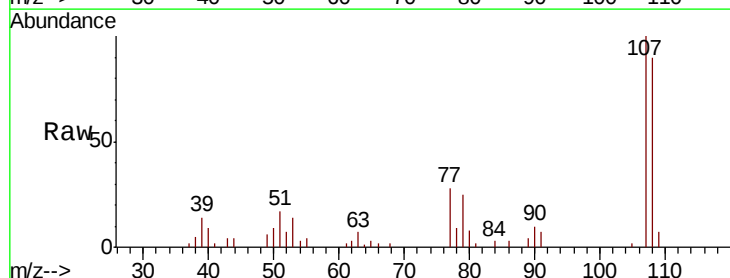
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tgt Ion:	70	Resp:	14291
Ion	Ratio	Lower	Upper
70	100		
42	65.5	53.9	80.9
101	6.9	8.2	12.2#
130	23.1	18.2	27.4



#20
3+4-Methylphenols
Concen: 4.865 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG037459.D
Acq: 19 Oct 2018 18:33

Tgt Ion:	107	Resp:	22394
Ion	Ratio	Lower	Upper
107	100		
108	90.3	69.9	109.9
77	27.7	11.2	51.2
79	25.4	6.6	46.6

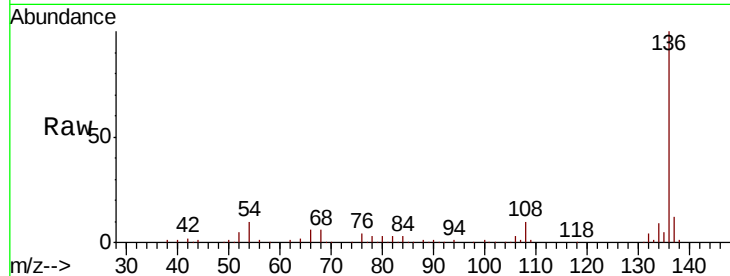




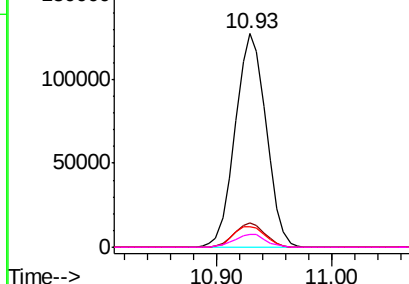
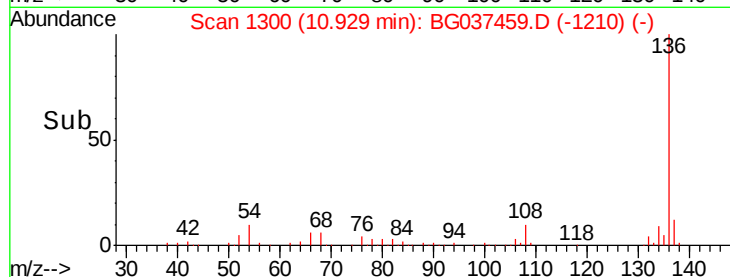
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037459.D
Acq: 19 Oct 2018 18:33

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tgt Ion:	136	Resp:	235465
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.6	14.4
54	9.8	7.9	11.9
68	6.2	4.8	7.2

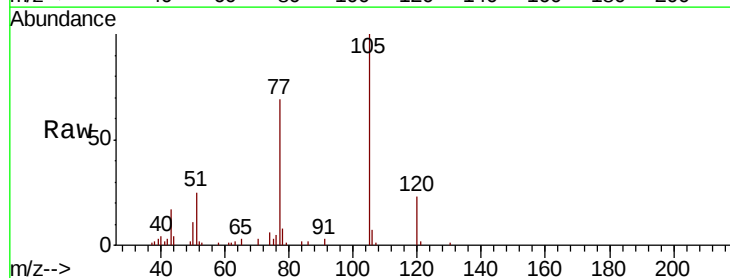


Abundance Ion 136.00 (135.70 to 136.70): E
200000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

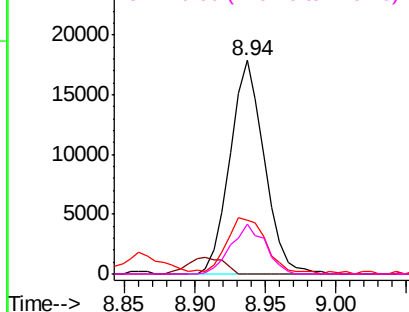
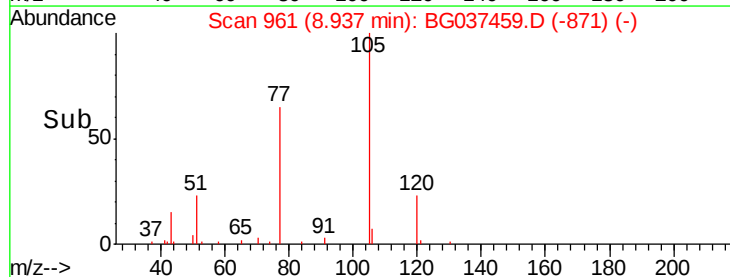


#22
Acetophenone
Concen: 5.126 ng
RT: 8.94 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG037459.D
Acq: 19 Oct 2018 18:33

Tgt Ion:	105	Resp:	30273
Ion	Ratio	Lower	Upper
105	100		
71	0.0	1.2	1.8#
51	25.0	25.0	37.6#
120	23.5	18.6	28.0



Abundance Ion 105.00 (104.70 to 105.70): E
25000
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

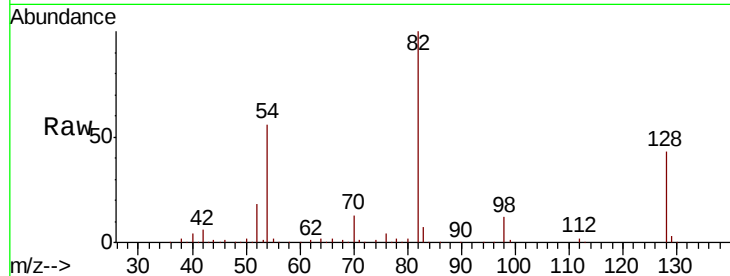




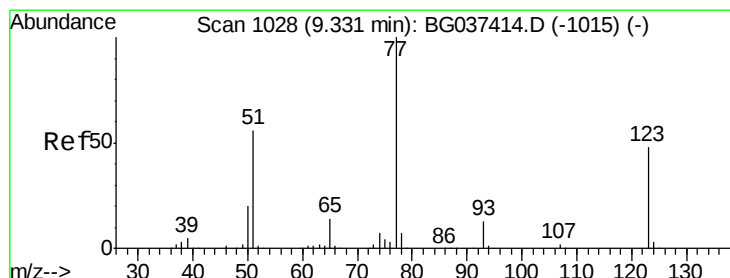
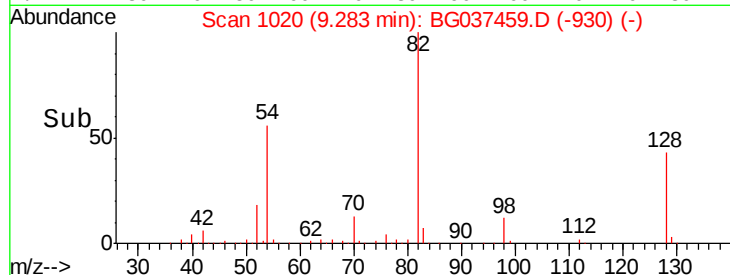
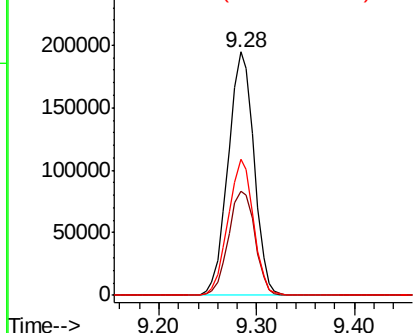
#23
 Nitrobenzene-d5
 Concen: 85.381 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG037459.D
 Acq: 19 Oct 2018 18:33

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

Tgt Ion: 82 Resp: 358883
 Ion Ratio Lower Upper
 82 100
 128 42.8 34.6 51.8
 54 55.7 45.3 67.9

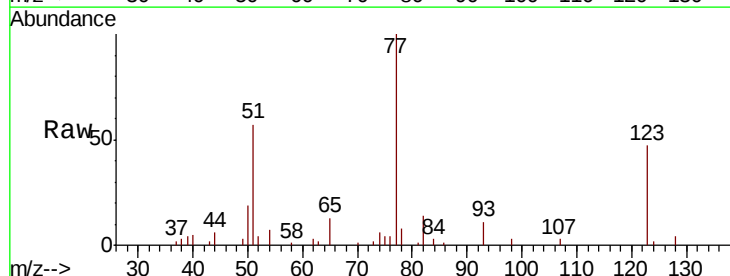


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

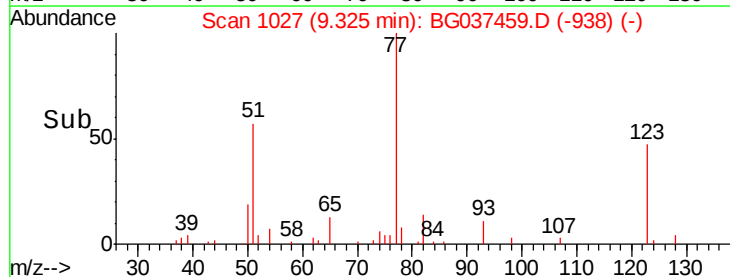
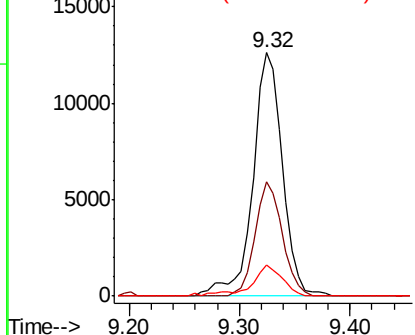


#24
 Nitrobenzene
 Concen: 5.417 ng
 RT: 9.32 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BG037459.D
 Acq: 19 Oct 2018 18:33

Tgt Ion: 77 Resp: 23654
 Ion Ratio Lower Upper
 77 100
 123 47.0 33.6 50.4
 65 12.6 11.3 16.9



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC

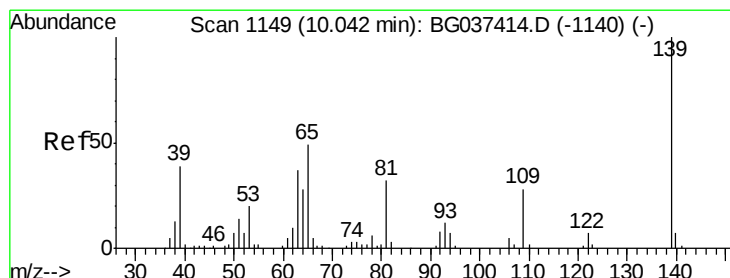
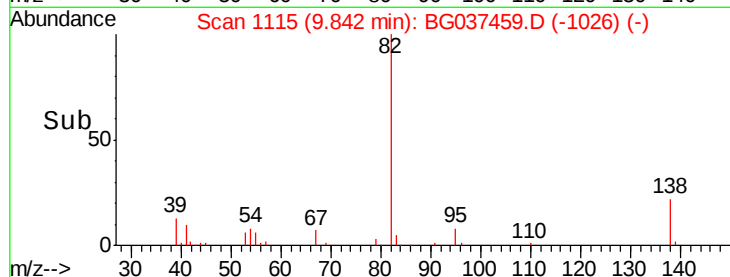
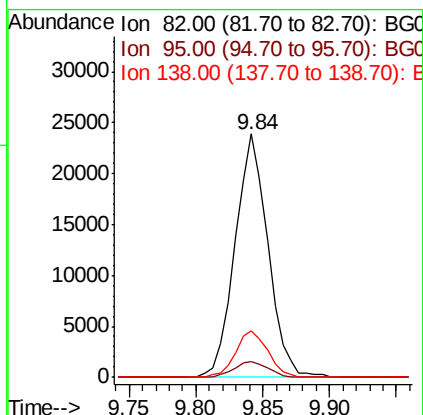
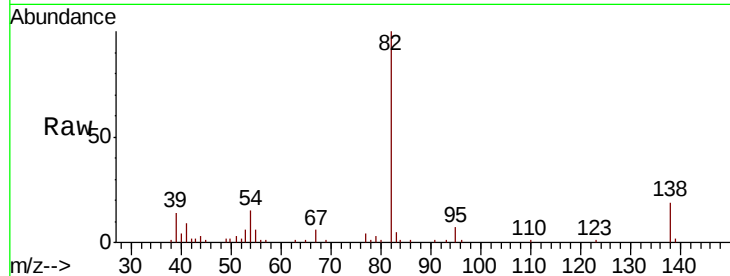




#25
Isophorone
Concen: 5.301 ng
RT: 9.84 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BG037459.D
Acq: 19 Oct 2018 18:33

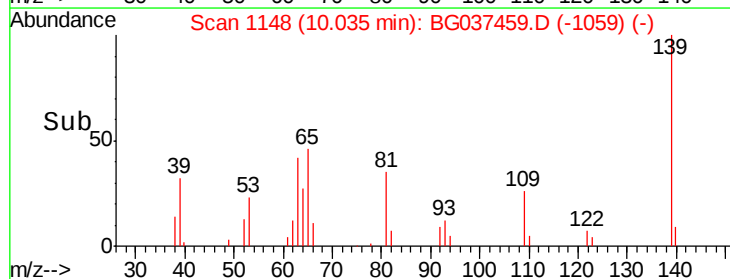
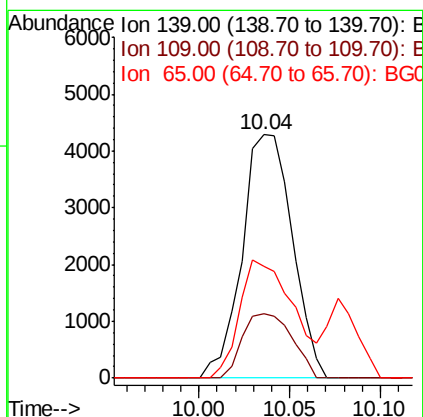
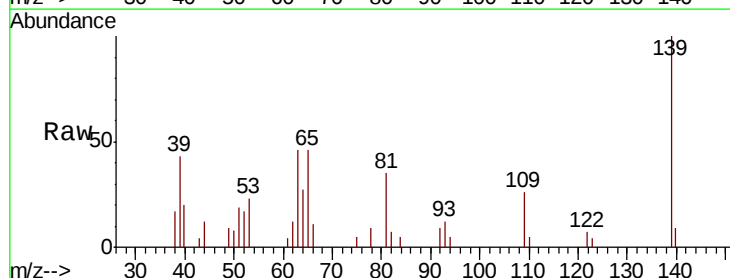
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tgt Ion: 82 Resp: 40715
Ion Ratio Lower Upper
82 100
95 6.6 5.3 7.9
138 19.3 13.3 19.9



#26
2-Nitrophenol
Concen: 4.196 ng
RT: 10.04 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BG037459.D
Acq: 19 Oct 2018 18:33

Tgt Ion: 139 Resp: 8254
Ion Ratio Lower Upper
139 100
109 26.2 23.3 34.9
65 45.9 39.8 59.8

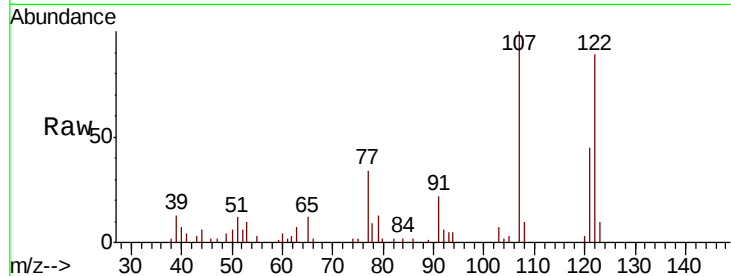




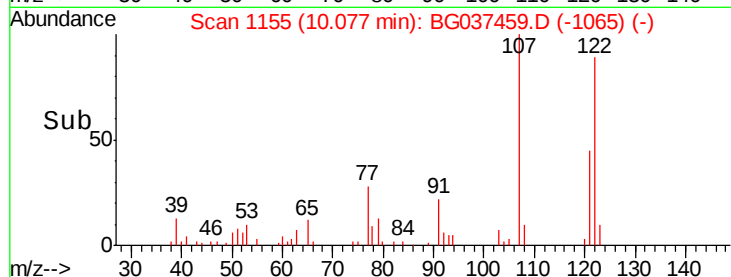
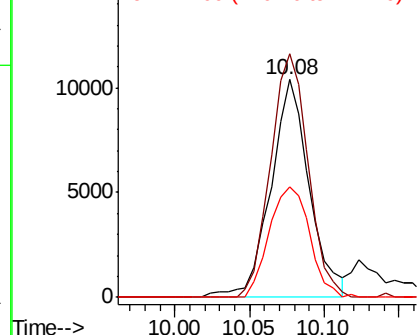
#27
 2,4-Dimethylphenol
 Concen: 5.303 ng
 RT: 10.08 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: BG037459.D
 Acq: 19 Oct 2018 18:33

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

Tgt Ion: 122 Resp: 18626
 Ion Ratio Lower Upper
 122 100
 107 112.0 94.2 141.2
 121 50.6 47.3 70.9

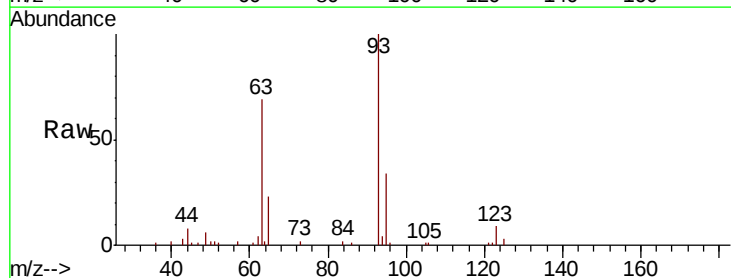


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

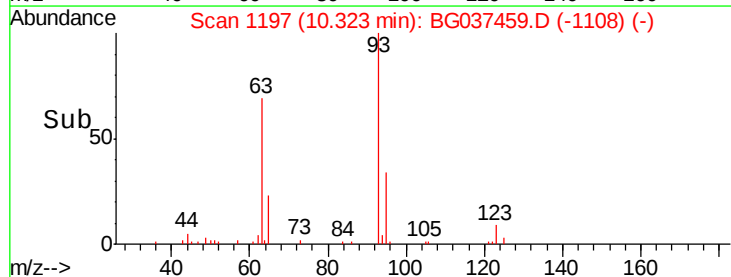
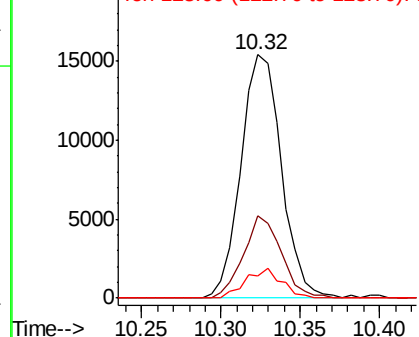


#28
 bis(2-Chloroethoxy)methane
 Concen: 5.435 ng
 RT: 10.32 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BG037459.D
 Acq: 19 Oct 2018 18:33

Tgt Ion: 93 Resp: 27350
 Ion Ratio Lower Upper
 93 100
 95 33.9 24.6 37.0
 123 9.2 9.1 13.7



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

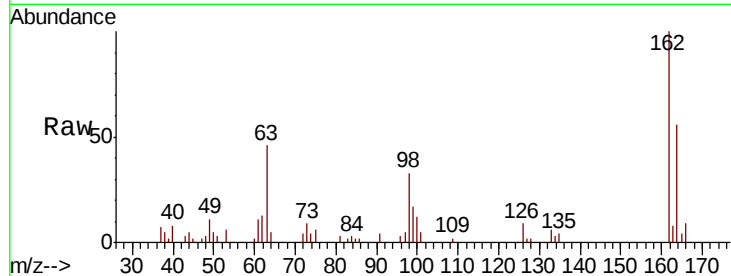




#29
 2,4-Dichlorophenol
 Concen: 4.644 ng
 RT: 10.56 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BG037459.D
 Acq: 19 Oct 2018 18:33

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

Tgt Ion	Ratio	Lower	Upper
162	100		
164	56.0	43.2	83.2
98	32.5	16.0	56.0

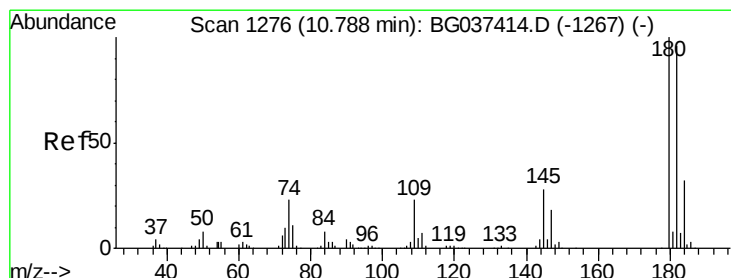
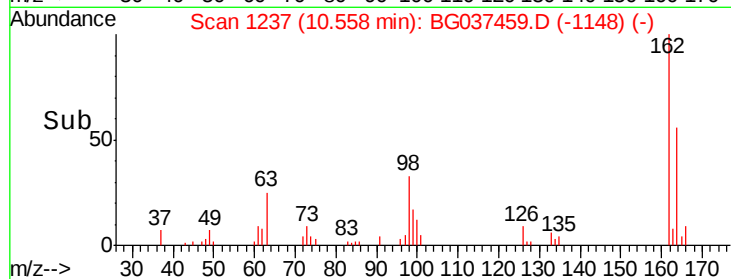
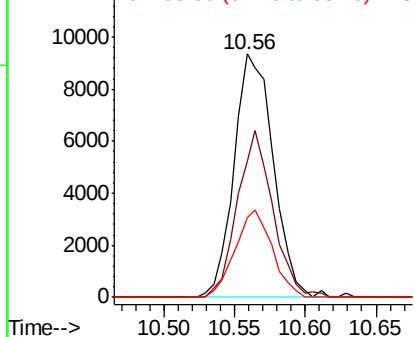


Abundance

Ion 162.00 (161.70 to 162.70): E

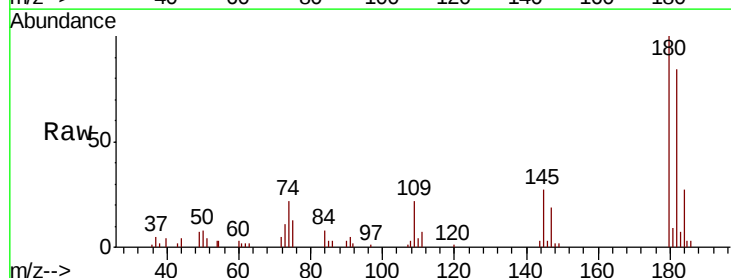
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 5.030 ng
 RT: 10.78 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: BG037459.D
 Acq: 19 Oct 2018 18:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	83.7	77.7	116.5
145	26.7	23.3	34.9

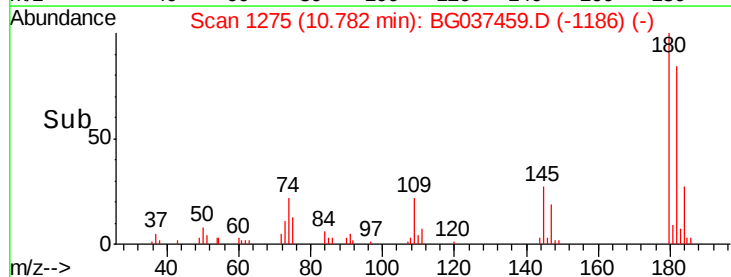
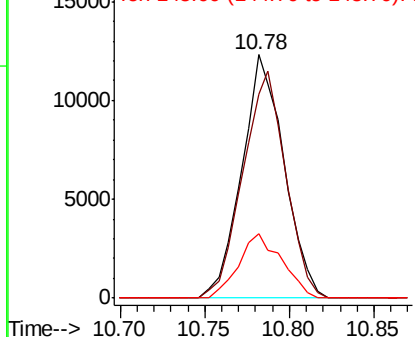


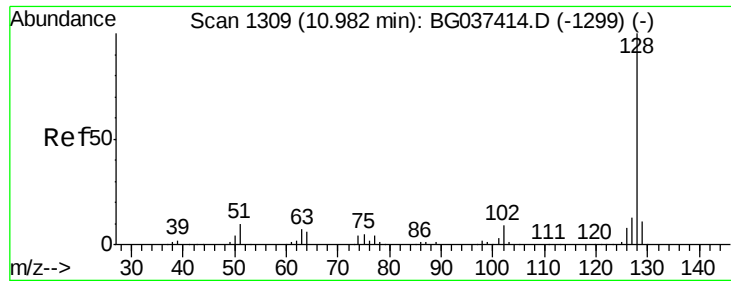
Abundance

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

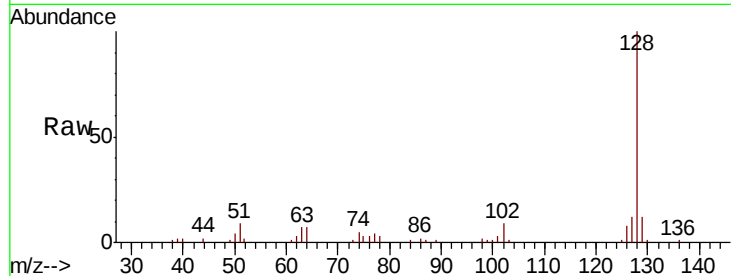




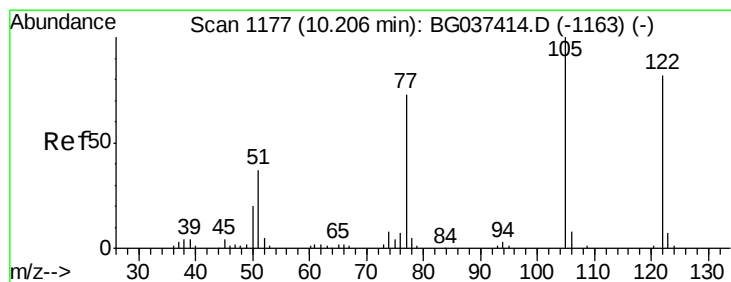
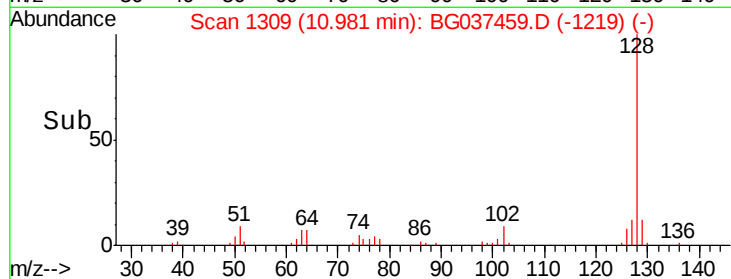
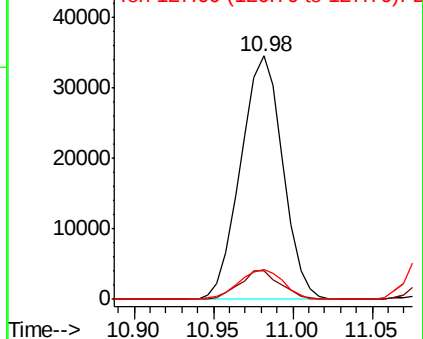
#31
Naphthalene
Concen: 5.520 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG037459.D
Acq: 19 Oct 2018 18:33

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tgt Ion:128 Resp: 63837
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 12.4 11.1 16.7

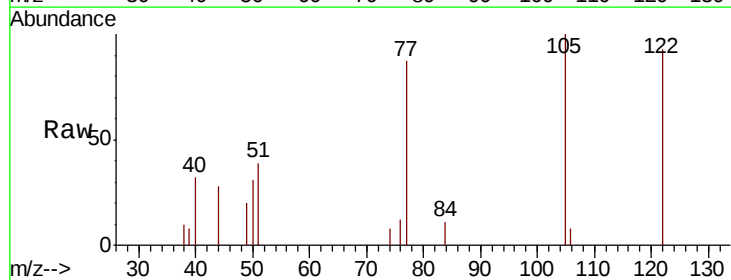


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

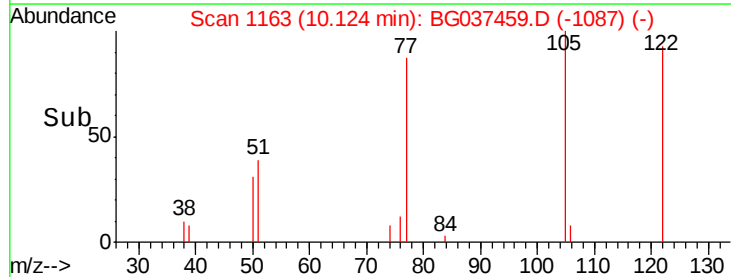
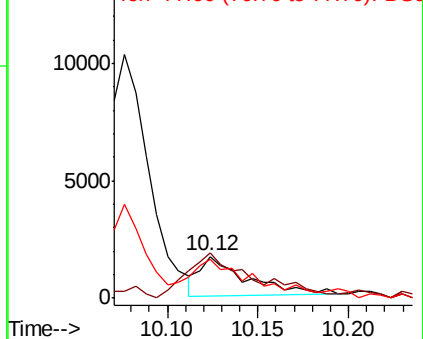


#32
Benzoic acid
Concen: 1.296 ng
RT: 10.12 min Scan# 1163
Delta R.T. -0.08 min
Lab File: BG037459.D
Acq: 19 Oct 2018 18:33

Tgt Ion:122 Resp: 2957
Ion Ratio Lower Upper
122 100
105 107.2 106.7 146.7
77 93.7 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): BGO

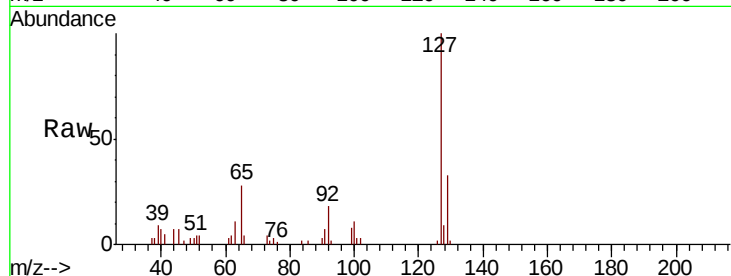




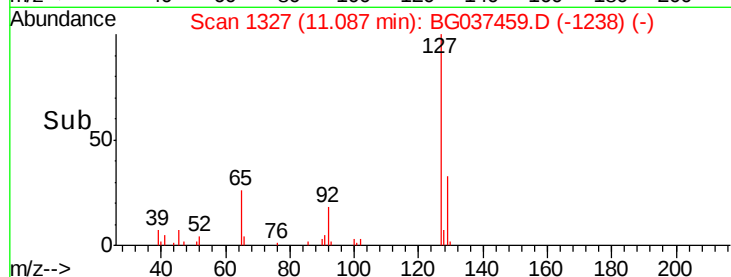
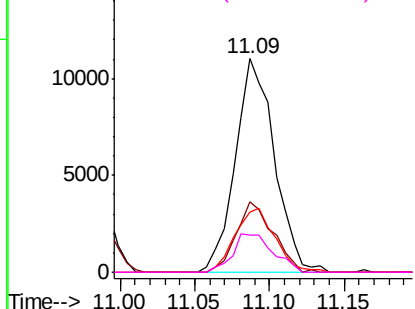
#33
4-Chloroaniline
Concen: 3.685 ng
RT: 11.09 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG037459.D
Acq: 19 Oct 2018 18:33

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tgt Ion:	127	Resp:	20025
Ion	Ratio	Lower	Upper
127	100		
129	32.7	27.1	40.7
65	27.9	26.6	39.8
92	17.7	16.4	24.6

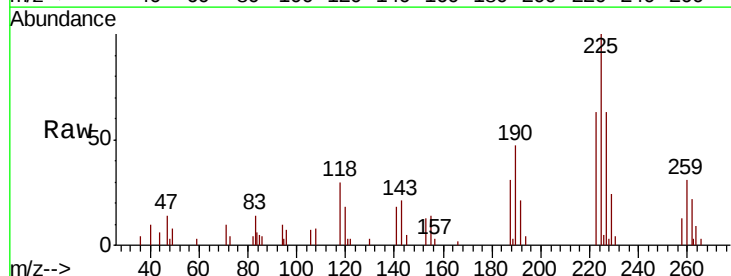


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

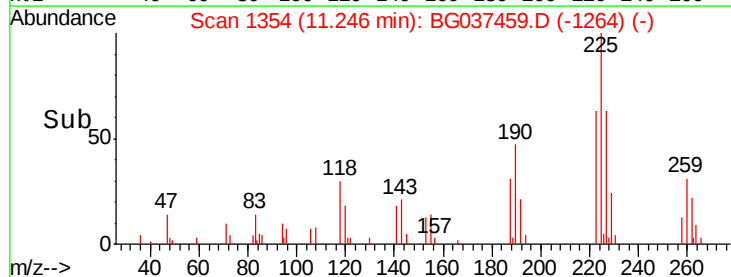
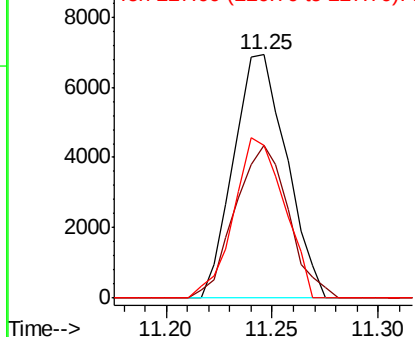


#34
Hexachlorobutadiene
Concen: 4.787 ng
RT: 11.25 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG037459.D
Acq: 19 Oct 2018 18:33

Tgt Ion:	225	Resp:	12066
Ion	Ratio	Lower	Upper
225	100		
223	59.5	48.2	72.4
227	59.7	51.6	77.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 3.776 ng

RT: 11.85 min Scan# 1456

Delta R.T. -0.04 min

Lab File: BG037459.D

Acq: 19 Oct 2018 18:33

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

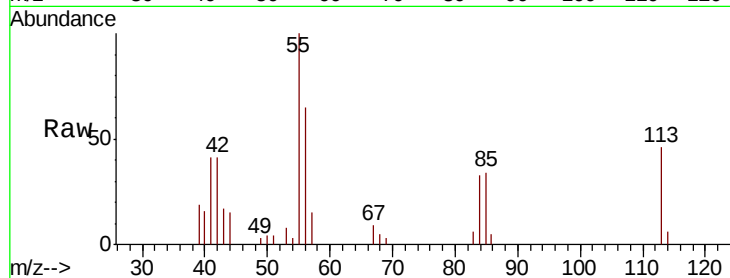
Tgt Ion:113 Resp: 5922

Ion Ratio Lower Upper

113 100

55 217.5 176.6 216.6#

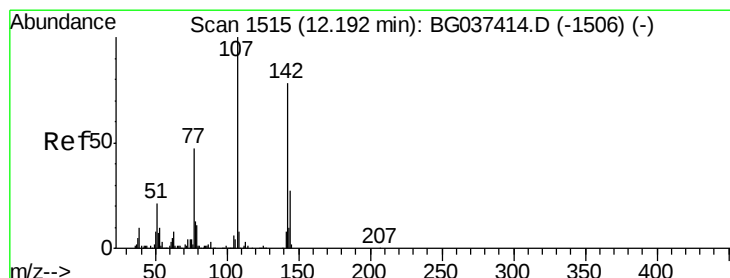
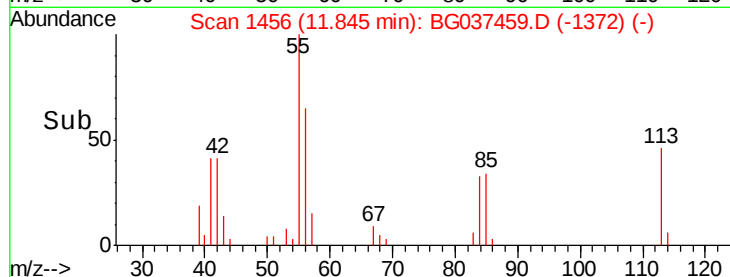
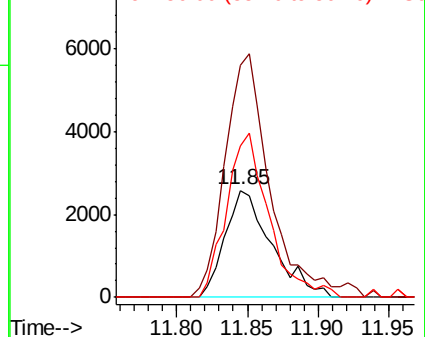
56 142.0 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 4.717 ng

RT: 12.19 min Scan# 1514

Delta R.T. -0.01 min

Lab File: BG037459.D

Acq: 19 Oct 2018 18:33

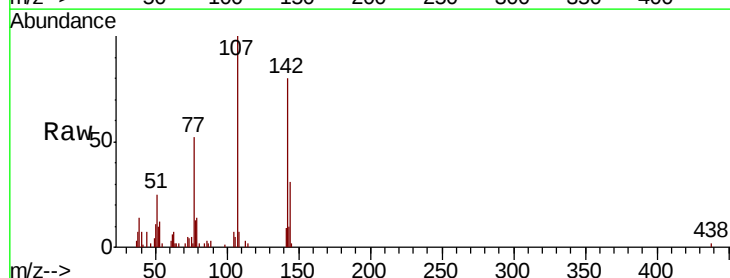
Tgt Ion:107 Resp: 20803

Ion Ratio Lower Upper

107 100

144 31.3 20.7 31.1#

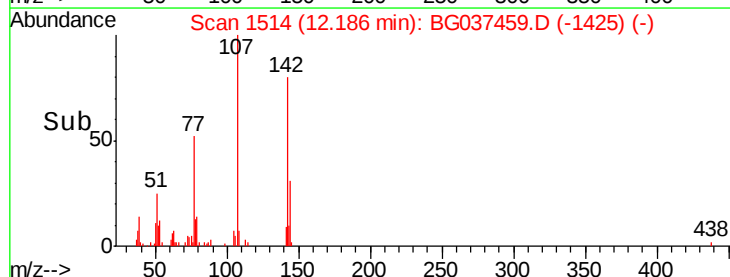
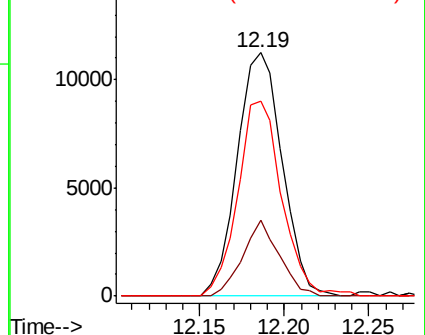
142 80.3 64.4 96.6



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

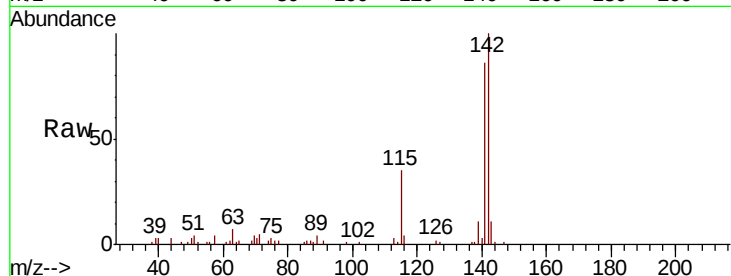




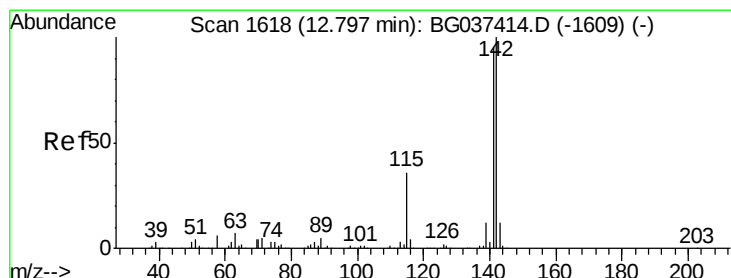
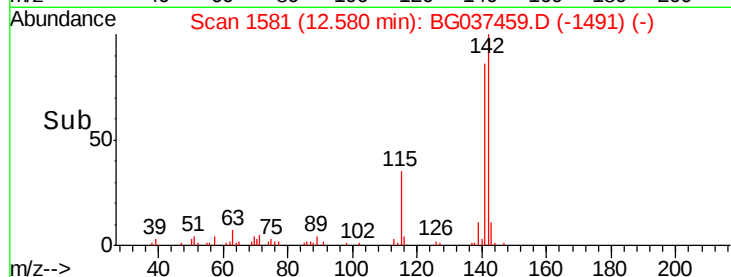
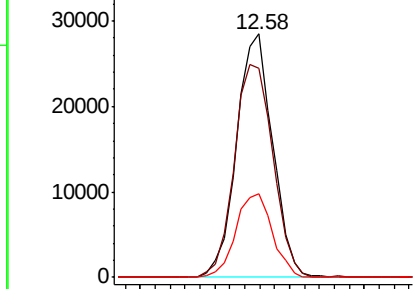
#37
 2-Methylnaphthalene
 Concen: 5.653 ng
 RT: 12.58 min Scan# 1581
 Delta R.T. -0.00 min
 Lab File: BG037459.D
 Acq: 19 Oct 2018 18:33

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

Tgt Ion:142 Resp: 47660
 Ion Ratio Lower Upper
 142 100
 141 86.1 71.9 107.9
 115 34.5 27.8 41.8

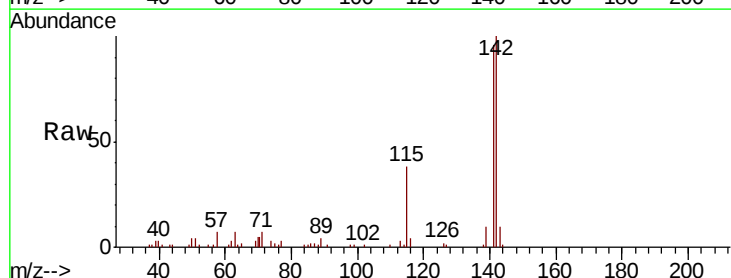


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

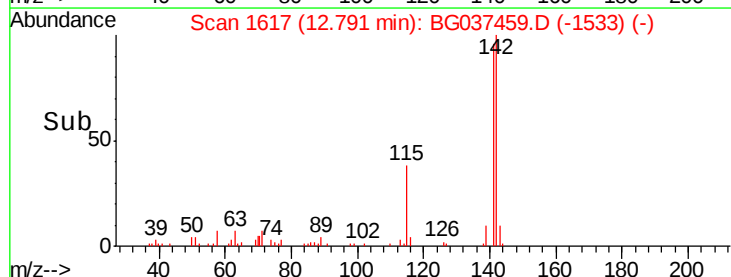
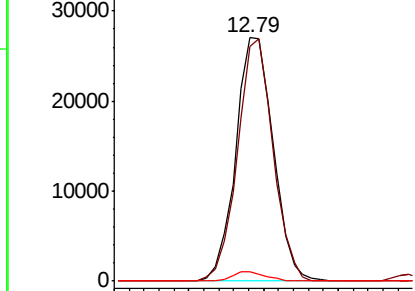


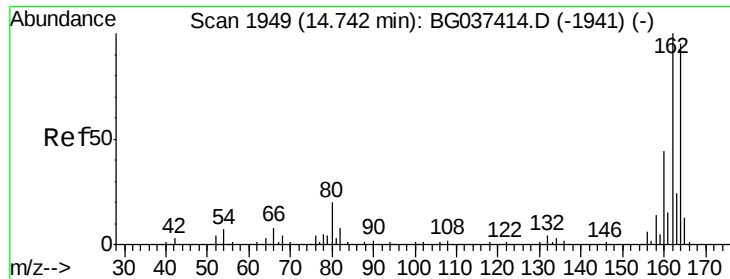
#38
 1-Methylnaphthalene
 Concen: 5.746 ng
 RT: 12.79 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BG037459.D
 Acq: 19 Oct 2018 18:33

Tgt Ion:142 Resp: 47044
 Ion Ratio Lower Upper
 142 100
 141 96.3 75.2 112.8
 116 4.0 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: BG037459.D

Acq: 19 Oct 2018 18:33

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

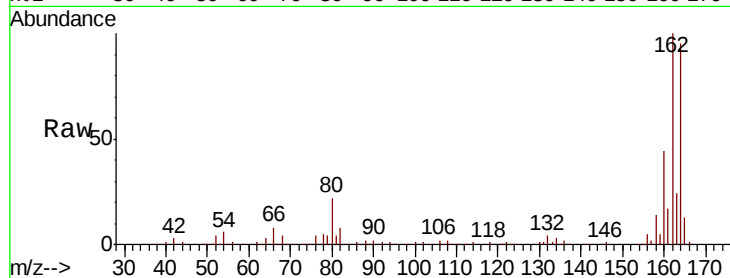
Tgt Ion:164 Resp: 158229

Ion Ratio Lower Upper

164 100

162 105.0 81.3 121.9

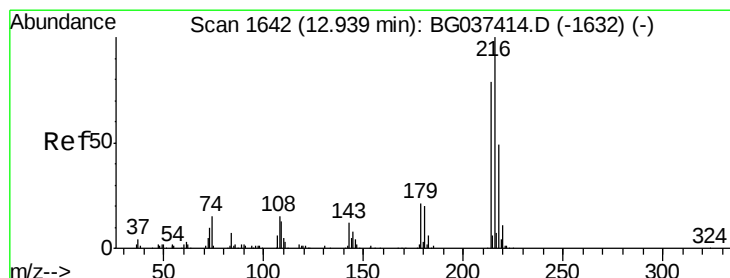
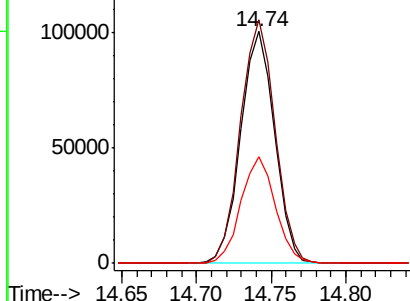
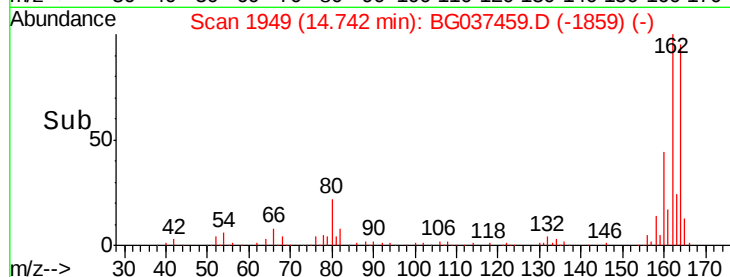
160 46.0 36.3 54.5



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: 4.842 ng

RT: 12.93 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BG037459.D

Acq: 19 Oct 2018 18:33

Tgt Ion:216 Resp: 24712

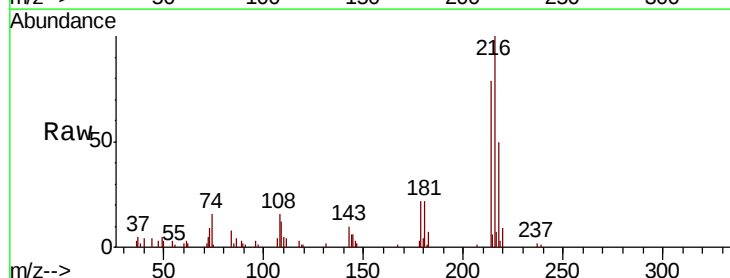
Ion Ratio Lower Upper

216 100

214 78.3 63.8 95.6

179 20.6 17.4 26.0

108 18.9 13.9 20.9

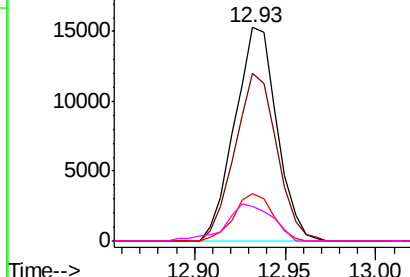
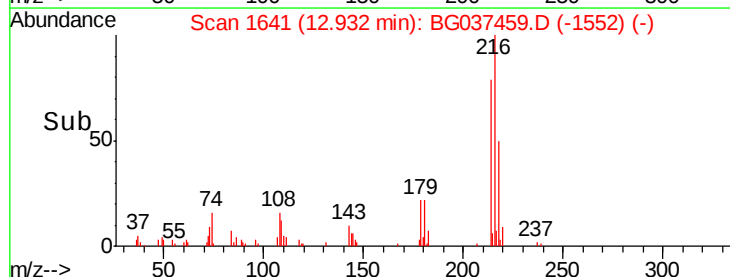


Abundance Ion 216.00 (215.70 to 216.70): E

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: 4.848 ng

RT: 12.91 min Scan# 1637

Delta R.T. 0.01 min

Lab File: BG037459.D

Acq: 19 Oct 2018 18:33

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

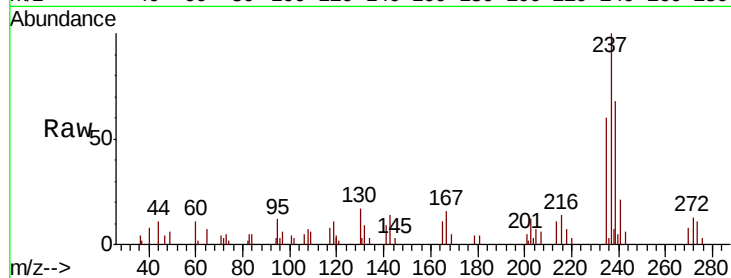
Tgt Ion: 237 Resp: 11819

Ion Ratio Lower Upper

237 100

235 62.6 42.5 82.5

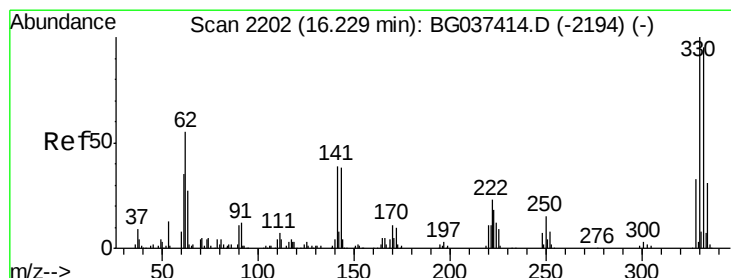
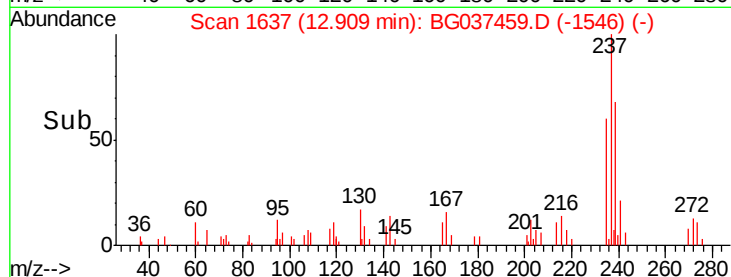
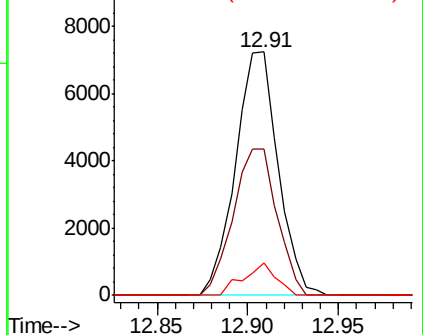
272 13.5 0.0 31.6



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: 139.993 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037459.D

Acq: 19 Oct 2018 18:33

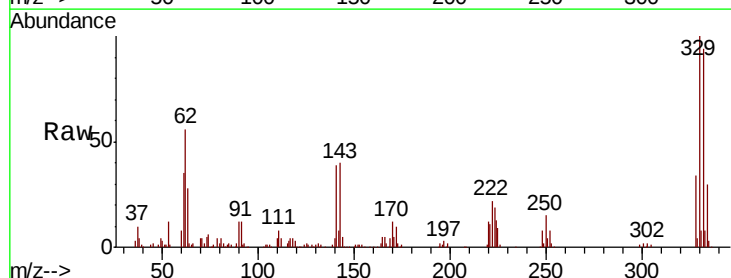
Tgt Ion: 330 Resp: 241598

Ion Ratio Lower Upper

330 100

332 95.5 78.4 117.6

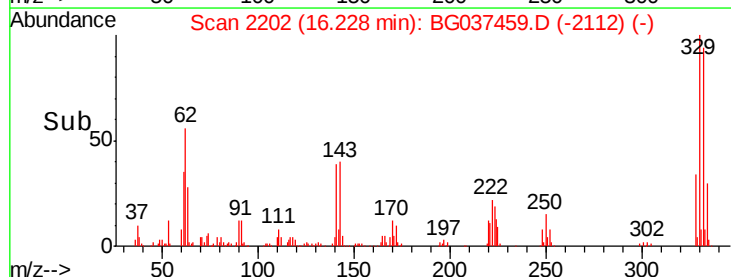
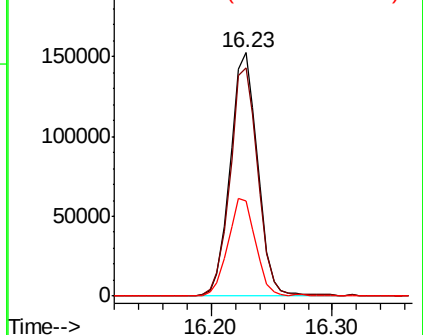
141 40.5 32.2 48.2

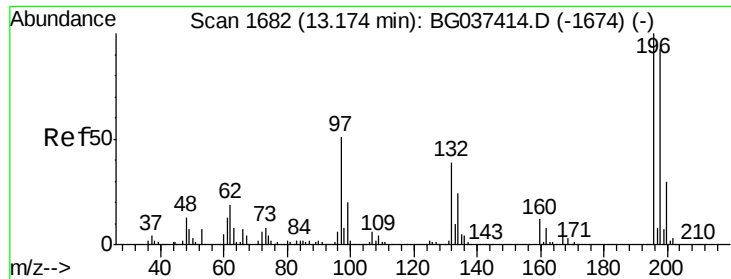


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

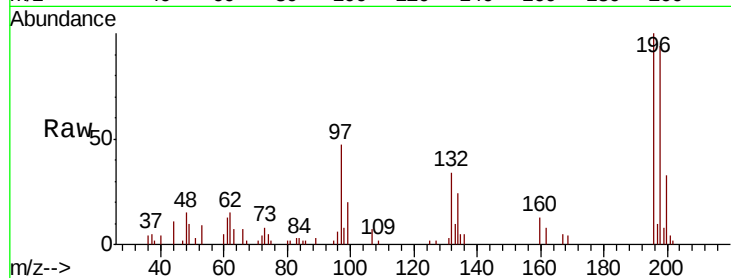




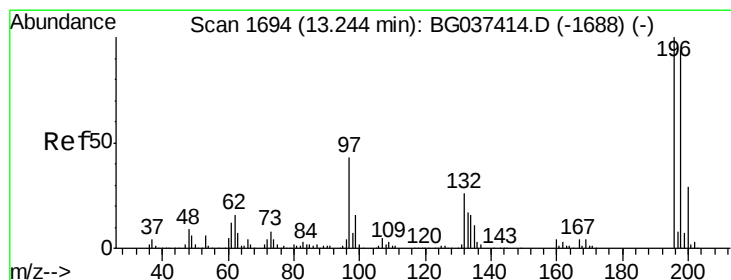
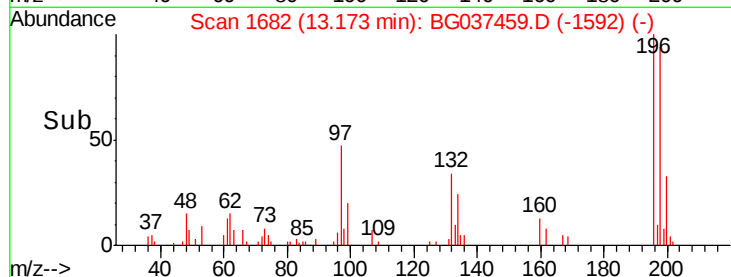
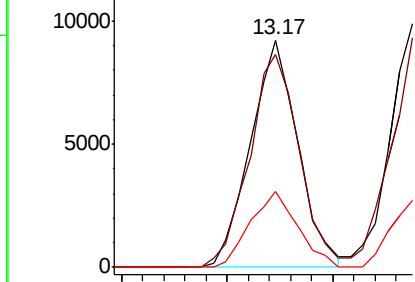
#43
 2,4,6-Trichlorophenol
 Concen: 4.214 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG037459.D
 Acq: 19 Oct 2018 18:33

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

Tgt Ion:196 Resp: 14370
 Ion Ratio Lower Upper
 196 100
 198 93.6 76.4 114.6
 200 33.4 24.9 37.3



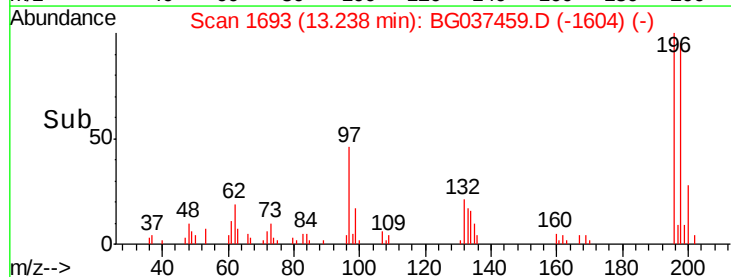
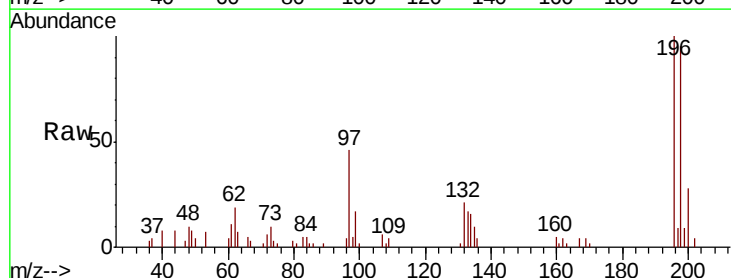
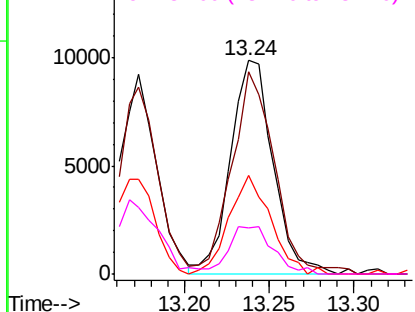
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 4.668 ng
 RT: 13.24 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BG037459.D
 Acq: 19 Oct 2018 18:33

Tgt Ion:196 Resp: 17329
 Ion Ratio Lower Upper
 196 100
 198 103.1 74.2 111.2
 97 46.0 34.1 51.1
 132 21.4 20.2 30.4

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

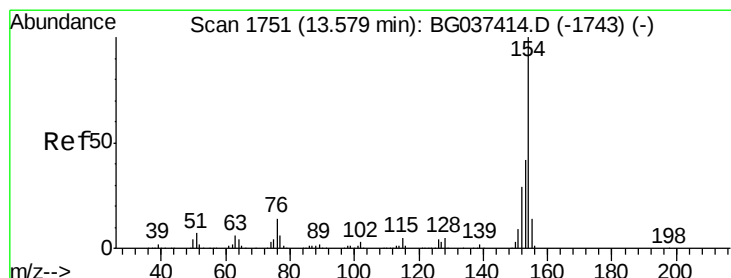
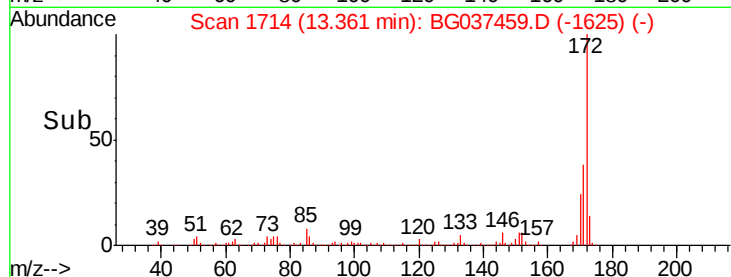
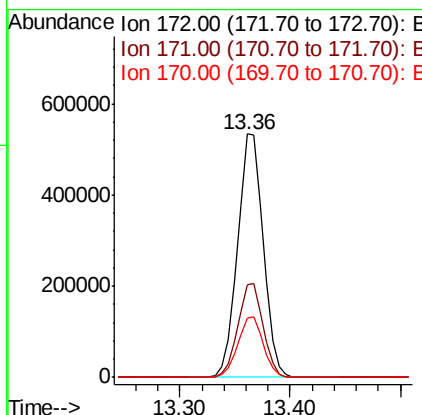
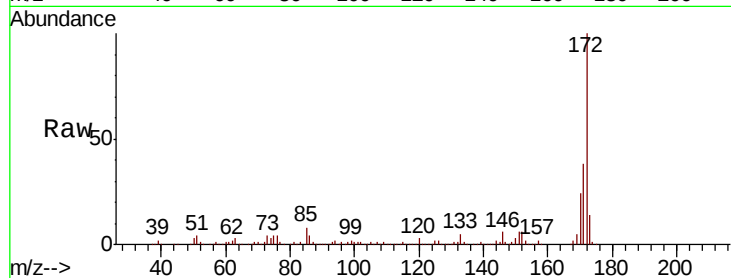




#45
 2-Fluorobiphenyl
 Concen: 82.833 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037459.D
 Acq: 19 Oct 2018 18:33

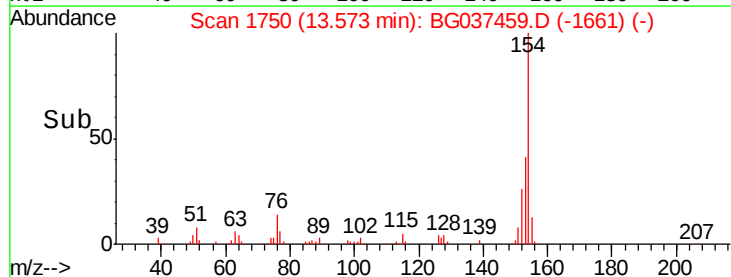
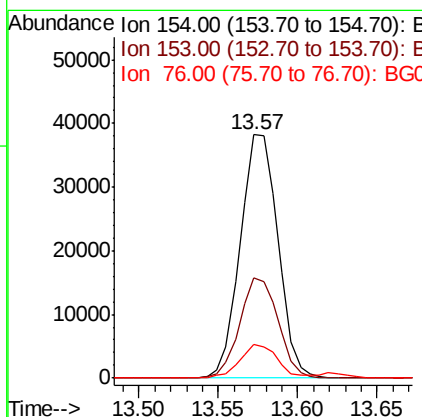
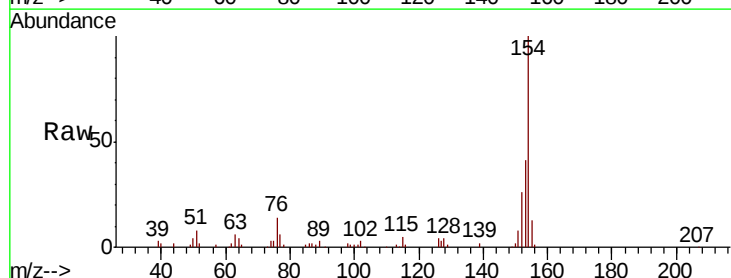
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.0	46.4
170	24.4	20.2	30.2



#46
 1,1'-Biphenyl
 Concen: 4.816 ng
 RT: 13.57 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: BG037459.D
 Acq: 19 Oct 2018 18:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	22.1	62.1
76	13.8	0.0	33.2





#47

2-Chloronaphthalene

Concen: 4.914 ng

RT: 13.63 min Scan# 1759

Delta R.T. -0.00 min

Lab File: BG037459.D

Acq: 19 Oct 2018 18:33

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

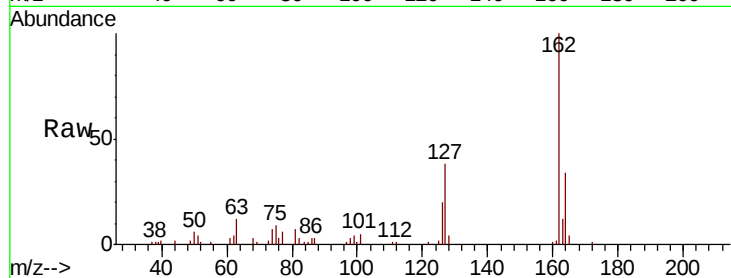
Tgt Ion: 162 Resp: 48718

Ion Ratio Lower Upper

162 100

127 37.9 30.5 45.7

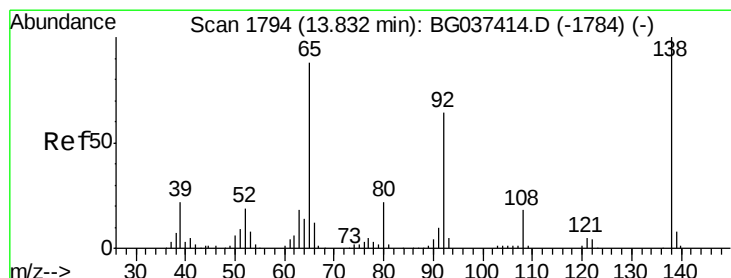
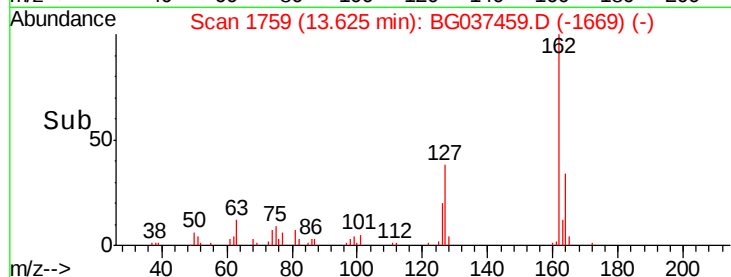
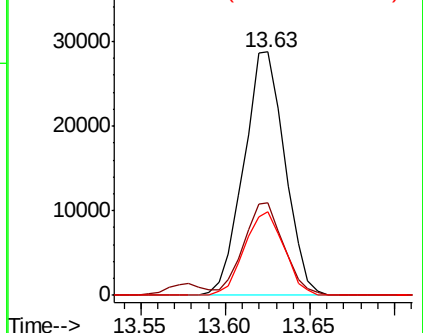
164 34.4 26.4 39.6



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: 4.246 ng

RT: 13.83 min Scan# 1793

Delta R.T. -0.01 min

Lab File: BG037459.D

Acq: 19 Oct 2018 18:33

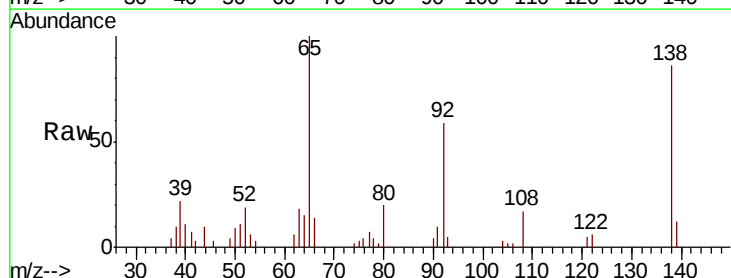
Tgt Ion: 65 Resp: 12766

Ion Ratio Lower Upper

65 100

92 58.9 53.2 79.8

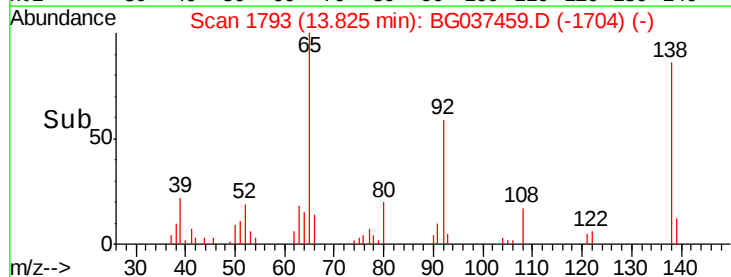
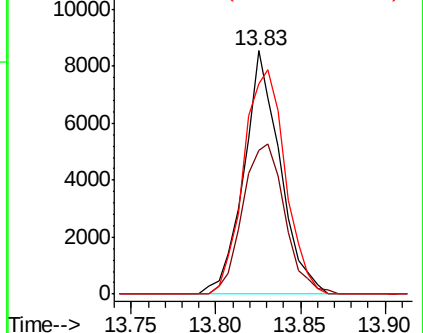
138 86.1 79.3 118.9



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: 5.564 ng

RT: 14.47 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG037459.D

Acq: 19 Oct 2018 18:33

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

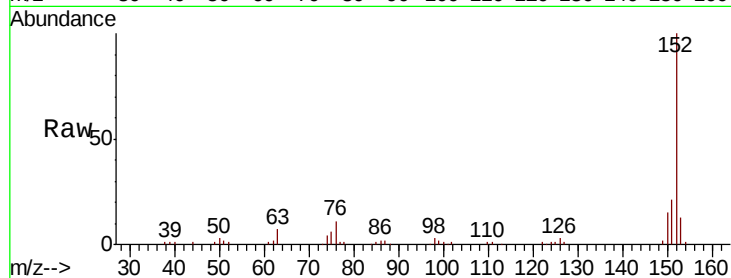
Tgt Ion:152 Resp: 82983

Ion Ratio Lower Upper

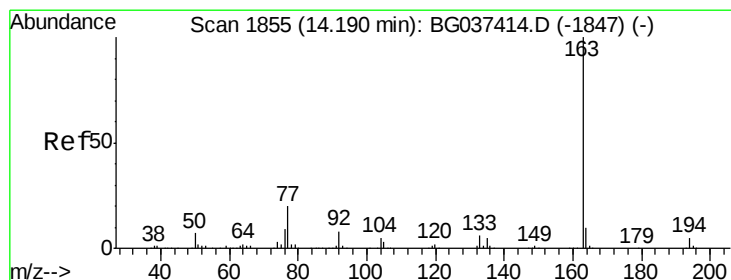
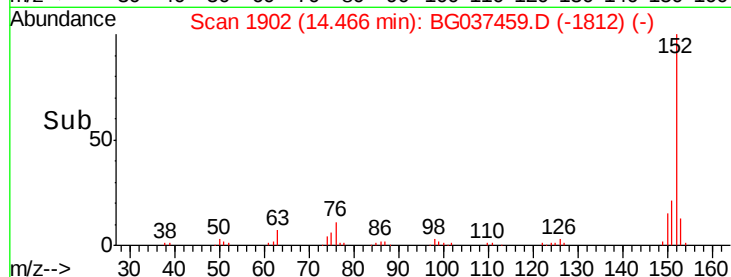
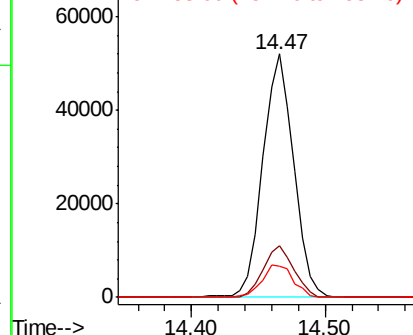
152 100

151 21.1 17.1 25.7

153 12.8 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: 5.415 ng

RT: 14.19 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BG037459.D

Acq: 19 Oct 2018 18:33

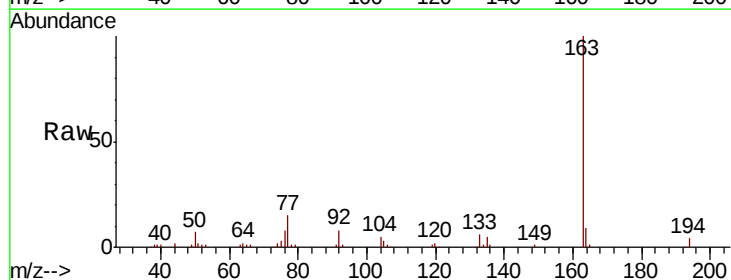
Tgt Ion:163 Resp: 66280

Ion Ratio Lower Upper

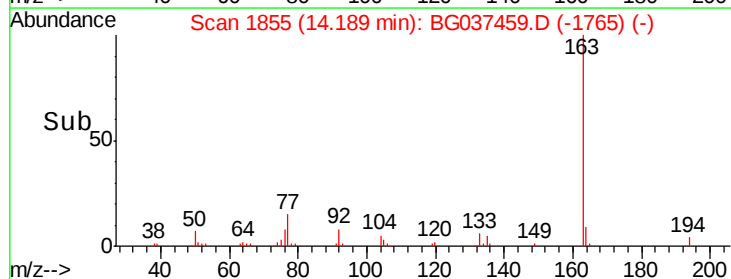
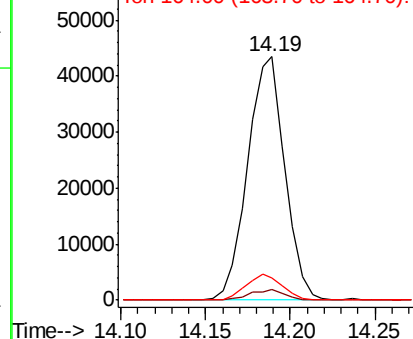
163 100

194 4.5 3.5 5.3

164 9.1 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

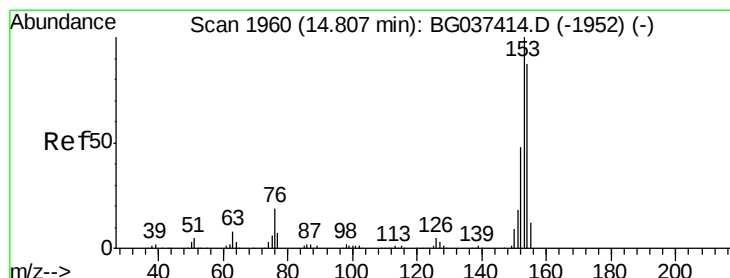
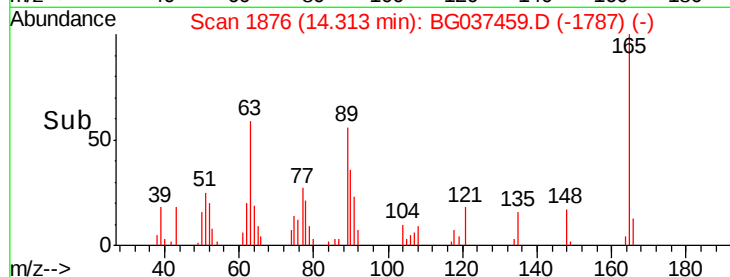
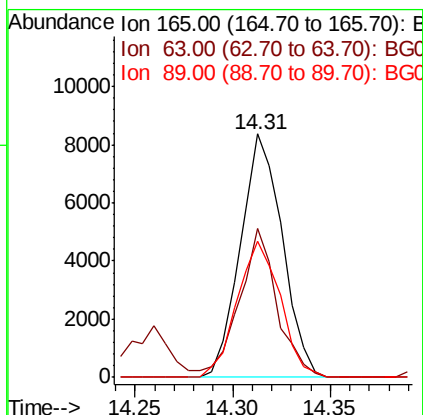
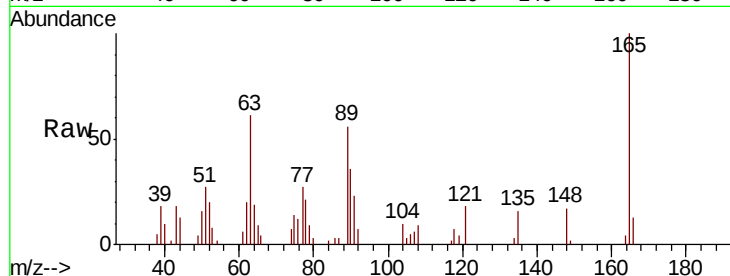




#51
2,6-Dinitrotoluene
Concen: 4.585 ng
RT: 14.31 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG037459.D
Acq: 19 Oct 2018 18:33

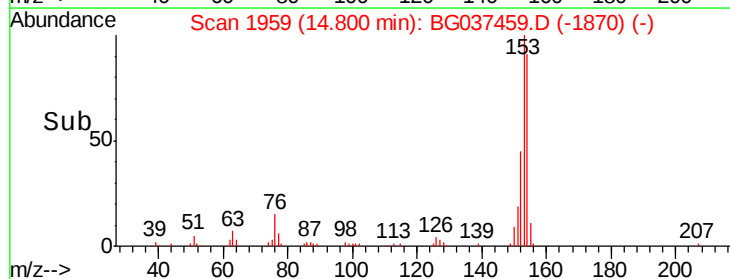
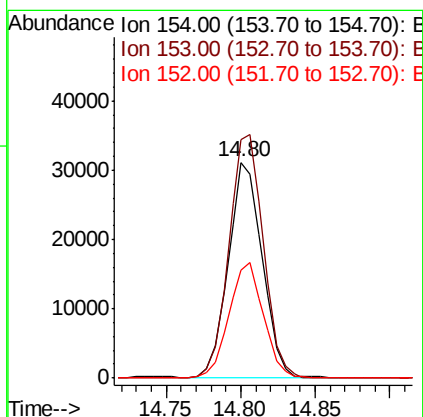
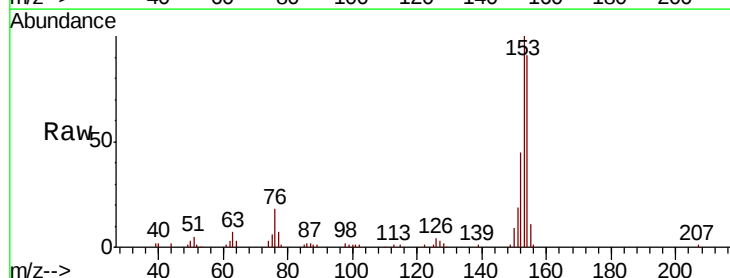
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

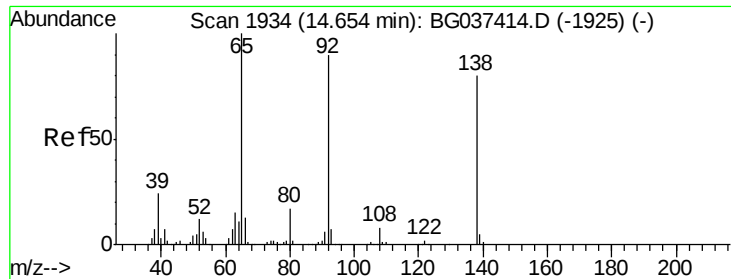
Tgt Ion:165 Resp: 12416
Ion Ratio Lower Upper
165 100
63 61.0 43.4 65.2
89 56.0 45.8 68.6



#52
Acenaphthene
Concen: 5.401 ng
RT: 14.80 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BG037459.D
Acq: 19 Oct 2018 18:33

Tgt Ion:154 Resp: 49603
Ion Ratio Lower Upper
154 100
153 110.3 93.4 140.0
152 49.8 44.7 67.1





#53

3-Nitroaniline

Concen: 3.626 ng

RT: 14.65 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BG037459.D

Acq: 19 Oct 2018 18:33

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

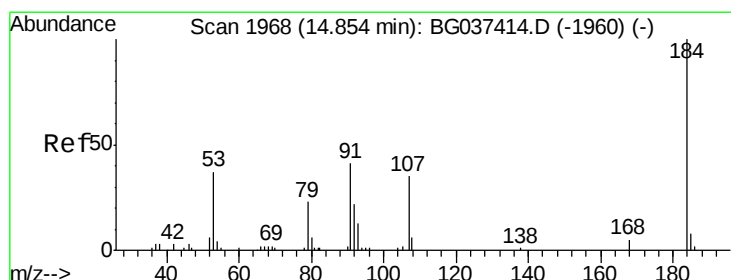
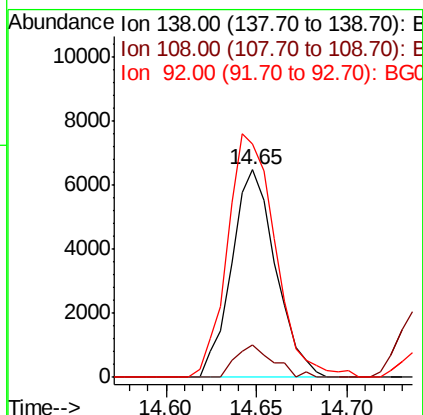
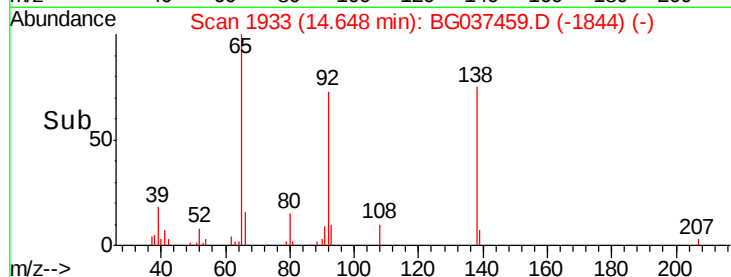
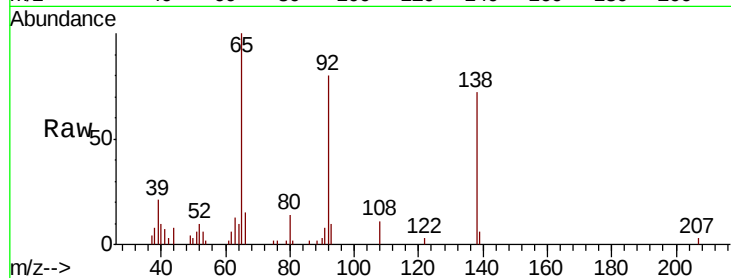
Tgt Ion:138 Resp: 10900

Ion Ratio Lower Upper

138 100

108 15.5 11.0 16.6

92 112.5 95.2 142.8



#54

2,4-Dinitrophenol

Concen: 7.234 ng

RT: 14.85 min Scan# 1968

Delta R.T. 0.00 min

Lab File: BG037459.D

Acq: 19 Oct 2018 18:33

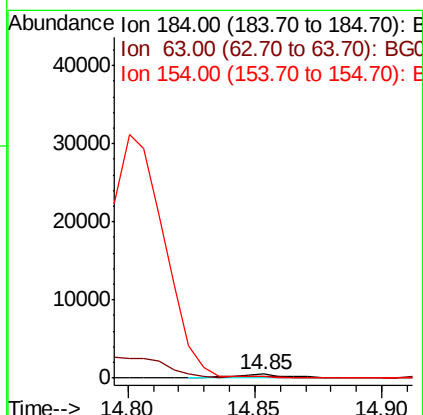
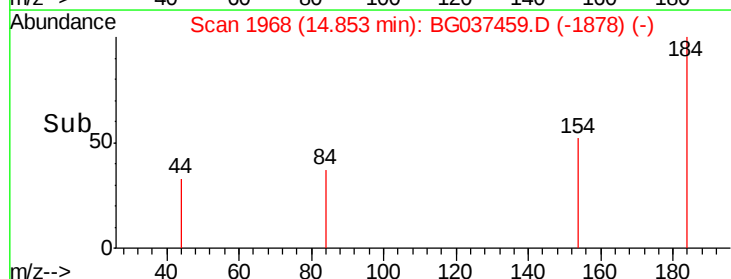
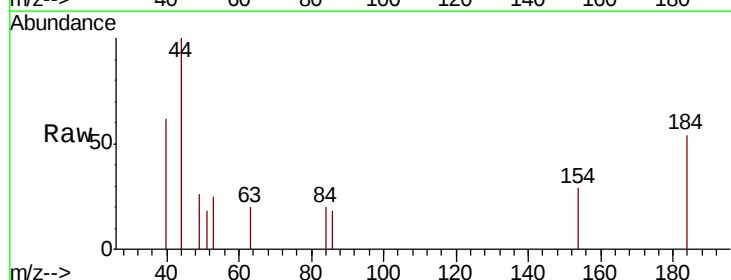
Tgt Ion:184 Resp: 698

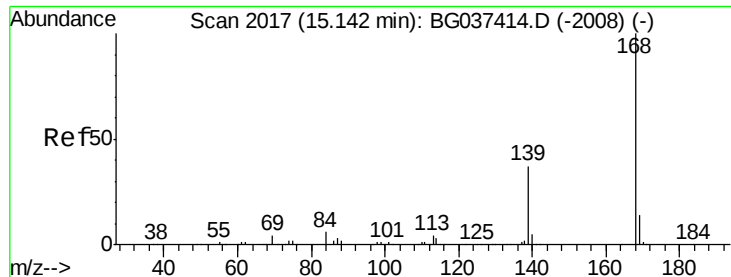
Ion Ratio Lower Upper

184 100

63 36.8 42.6 63.8#

154 52.5 41.8 62.6





#55

Dibenzenofuran

Concen: 5.405 ng

RT: 15.14 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BG037459.D

Acq: 19 Oct 2018 18:33

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

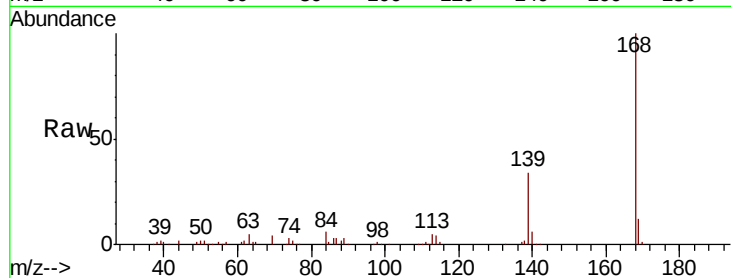
Tgt Ion:168 Resp: 82249

Ion Ratio Lower Upper

168 100

139 34.4 29.4 44.0

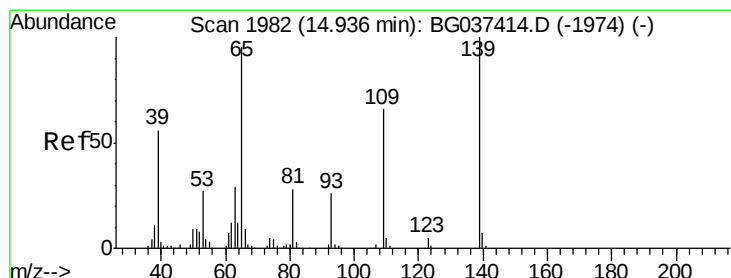
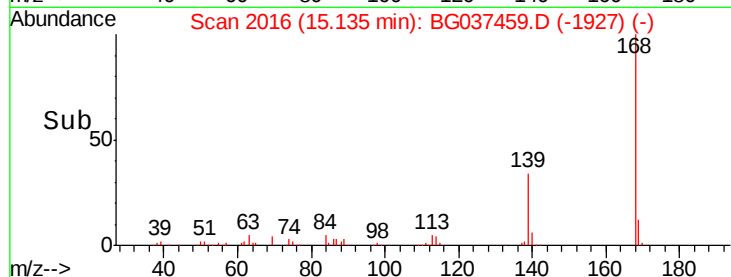
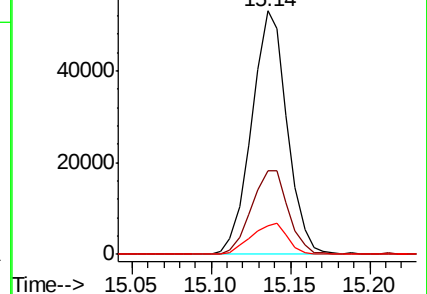
169 11.8 11.0 16.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 2.719 ng

RT: 14.94 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BG037459.D

Acq: 19 Oct 2018 18:33

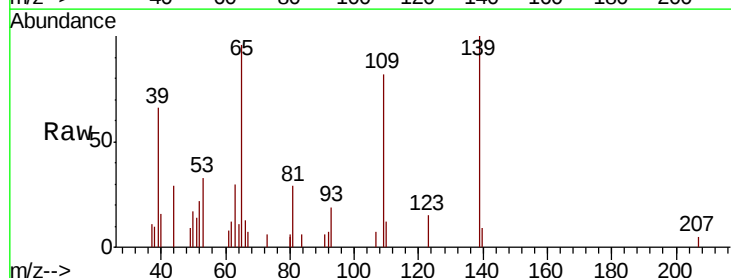
Tgt Ion:139 Resp: 6050

Ion Ratio Lower Upper

139 100

109 82.2 49.5 89.5

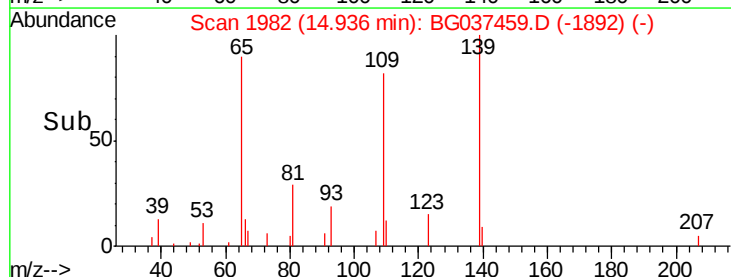
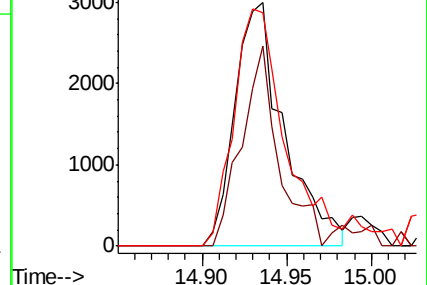
65 95.7 76.8 116.8

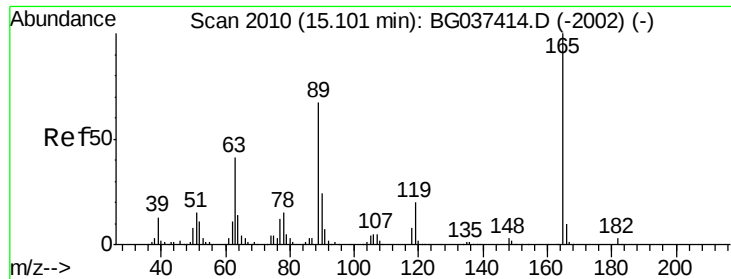


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

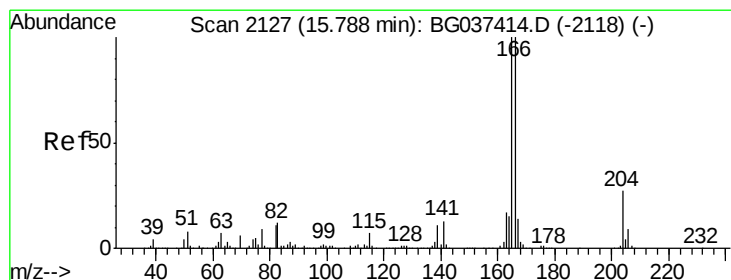
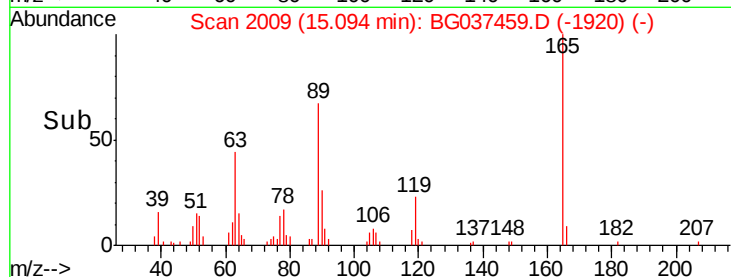
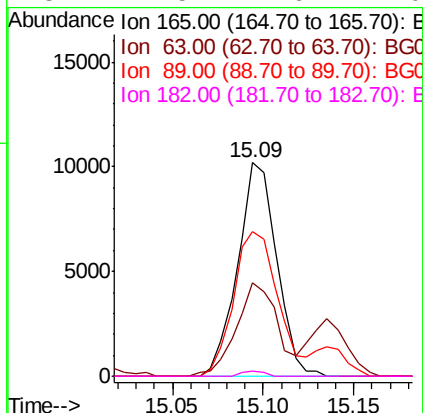
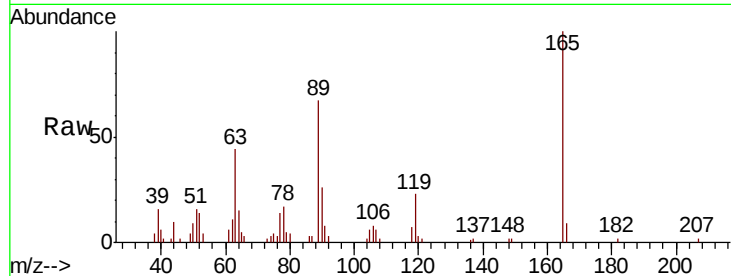




#57
 2,4-Dinitrotoluene
 Concen: 4.302 ng
 RT: 15.09 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BG037459.D
 Acq: 19 Oct 2018 18:33

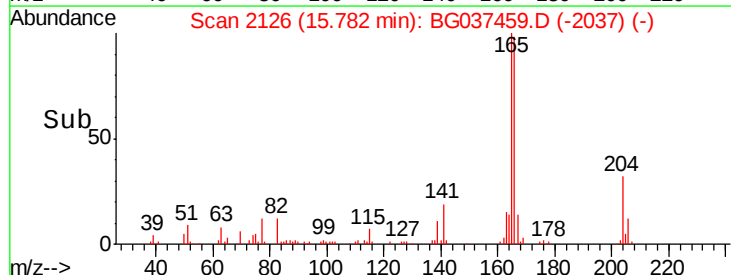
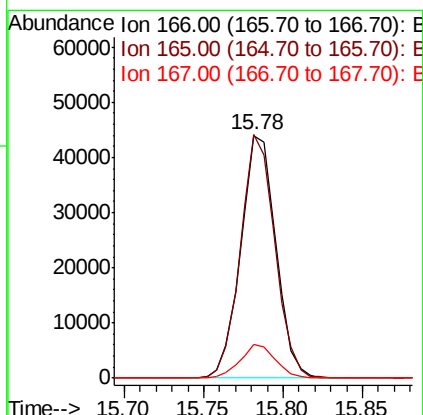
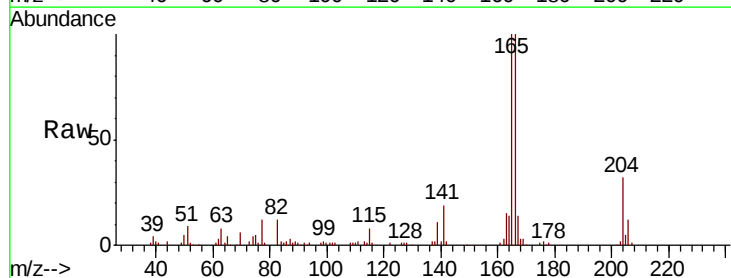
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

Tgt Ion	Ratio	Lower	Upper
165	100		
63	44.0	33.4	50.0
89	67.5	57.2	85.8
182	2.5	2.6	4.0#



#58
 Fluorene
 Concen: 5.921 ng
 RT: 15.78 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BG037459.D
 Acq: 19 Oct 2018 18:33

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.3	79.0	118.6
167	13.7	11.3	16.9

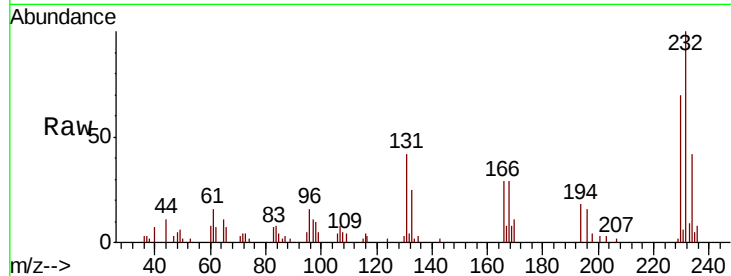




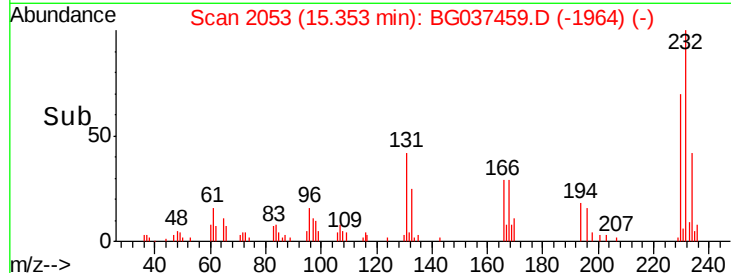
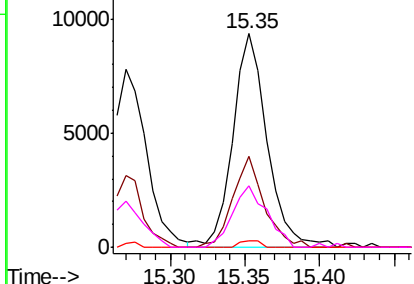
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 4.701 ng
 RT: 15.35 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BG037459.D
 Acq: 19 Oct 2018 18:33

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

Tgt Ion: 232 Resp: 14944
 Ion Ratio Lower Upper
 232 100
 131 38.9 33.7 50.5
 130 1.9 2.1 3.1#
 166 28.8 24.6 36.8

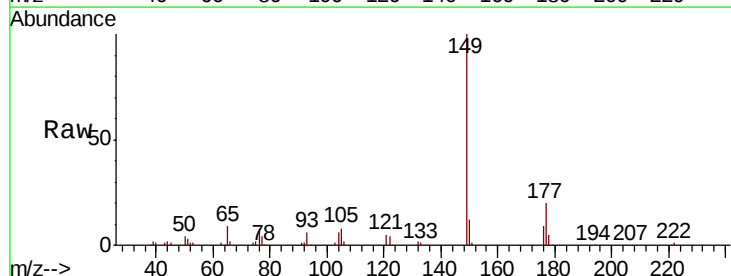


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

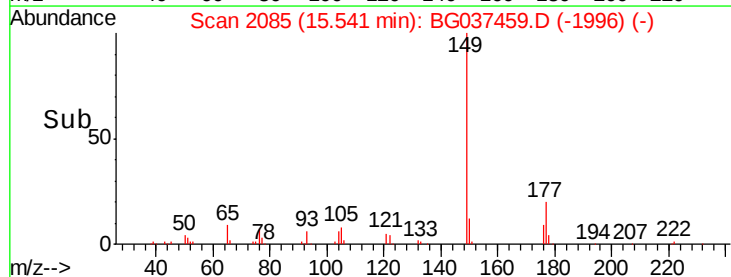
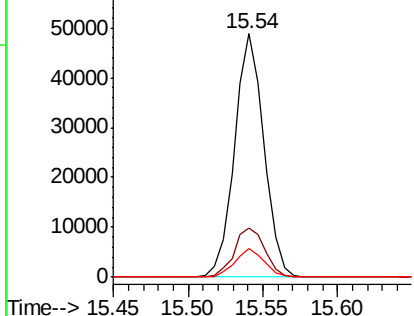


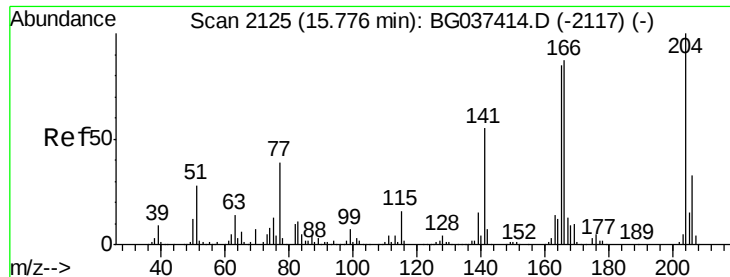
#60
 Diethylphthalate
 Concen: 5.302 ng
 RT: 15.54 min Scan# 2085
 Delta R.T. -0.01 min
 Lab File: BG037459.D
 Acq: 19 Oct 2018 18:33

Tgt Ion: 149 Resp: 66627
 Ion Ratio Lower Upper
 149 100
 177 20.4 18.3 27.5
 150 11.6 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

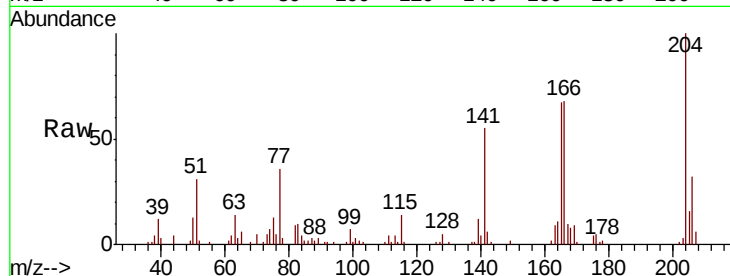




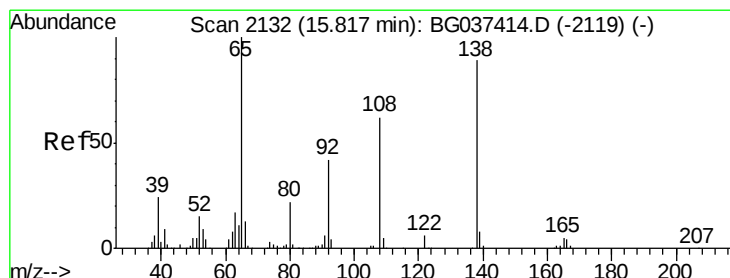
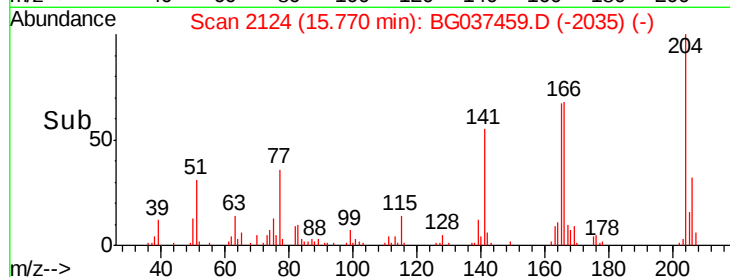
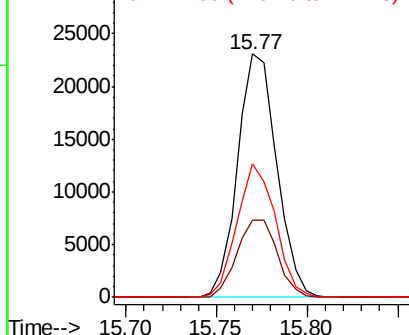
#61
 4-Chlorophenyl-phenylether
 Concen: 5.209 ng
 RT: 15.77 min Scan# 2124
 Delta R.T. -0.01 min
 Lab File: BG037459.D
 Acq: 19 Oct 2018 18:33

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

Tgt Ion: 204 Resp: 34598
 Ion Ratio Lower Upper
 204 100
 206 31.8 26.6 39.8
 141 55.0 45.4 68.2

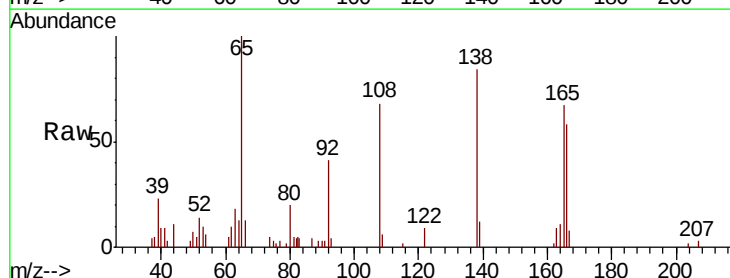


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

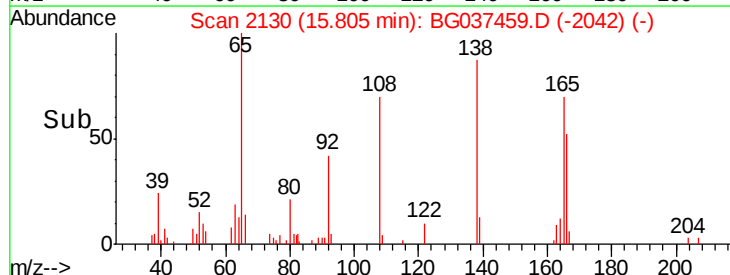
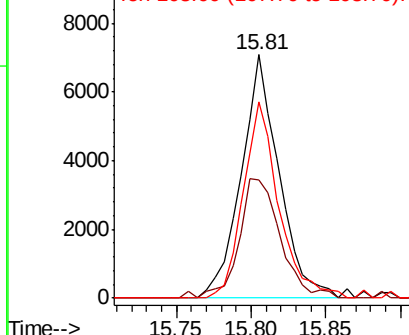


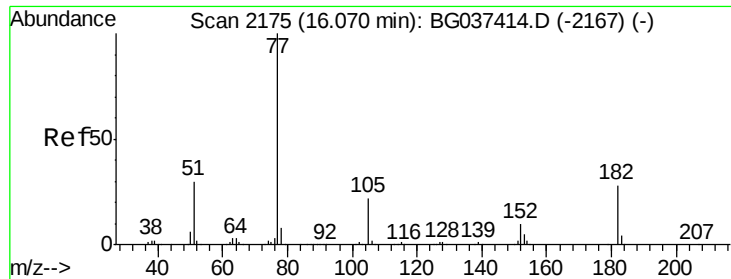
#62
 4-Nitroaniline
 Concen: 4.145 ng
 RT: 15.81 min Scan# 2130
 Delta R.T. -0.01 min
 Lab File: BG037459.D
 Acq: 19 Oct 2018 18:33

Tgt Ion: 138 Resp: 12383
 Ion Ratio Lower Upper
 138 100
 92 48.5 36.4 76.4
 108 80.8 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

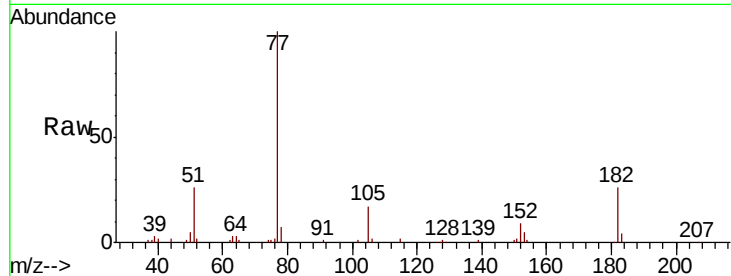




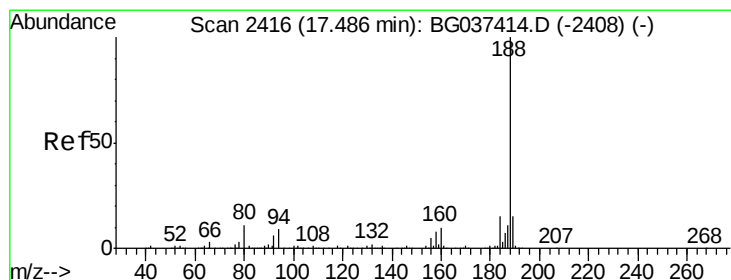
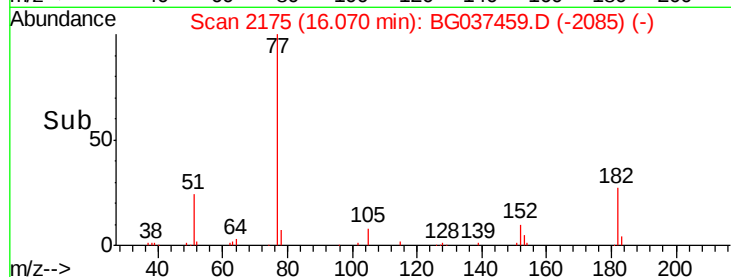
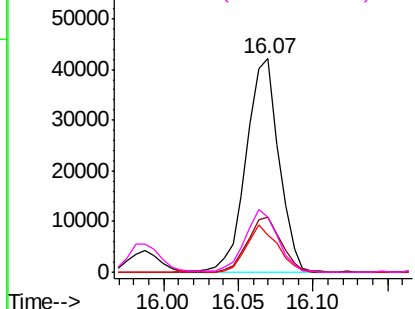
#63
Azobenzene
Concen: 5.326 ng
RT: 16.07 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BG037459.D
Acq: 19 Oct 2018 18:33

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tgt Ion: 77 Resp: 63862
Ion Ratio Lower Upper
77 100
182 25.6 8.0 48.0
105 17.4 1.3 41.3
51 26.0 10.7 50.7

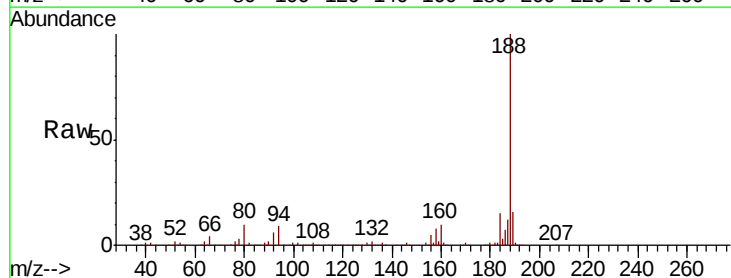


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

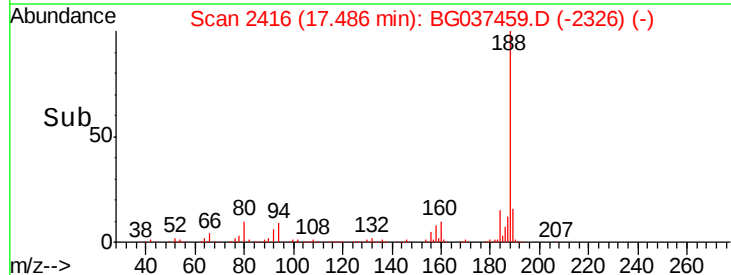
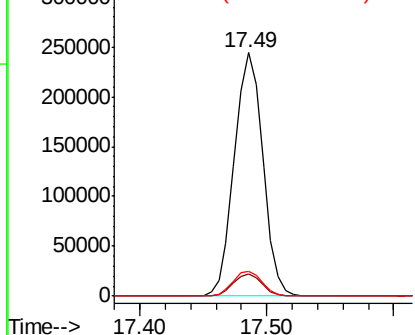


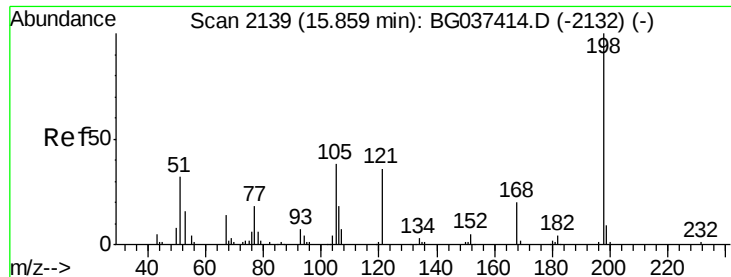
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037459.D
Acq: 19 Oct 2018 18:33

Tgt Ion: 188 Resp: 381172
Ion Ratio Lower Upper
188 100
94 9.2 7.2 10.8
80 10.4 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): BGC
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: 9.653 ng

RT: 15.85 min Scan# 2138

Delta R.T. -0.01 min

Lab File: BG037459.D

Acq: 19 Oct 2018 18:33

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

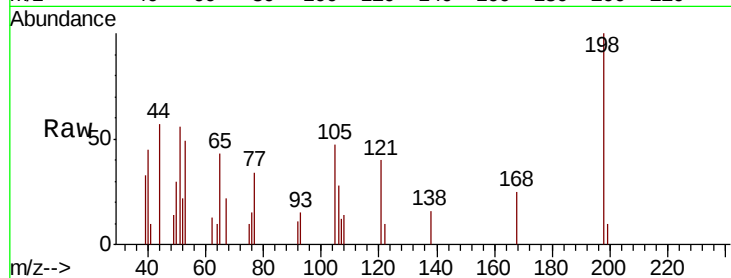
Tgt Ion:198 Resp: 2786

Ion Ratio Lower Upper

198 100

51 55.7 22.7 62.7

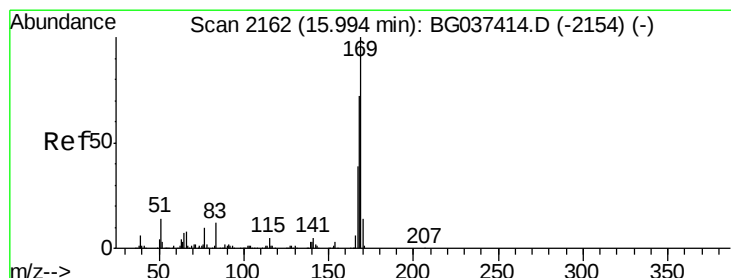
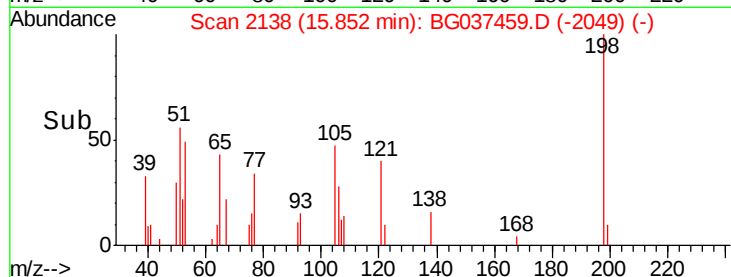
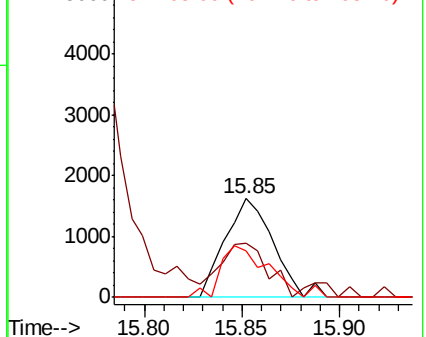
105 47.1 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 4.917 ng

RT: 15.99 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BG037459.D

Acq: 19 Oct 2018 18:33

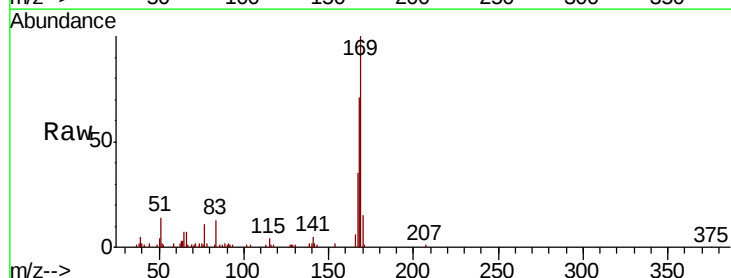
Tgt Ion:169 Resp: 56378

Ion Ratio Lower Upper

169 100

168 71.4 55.7 83.5

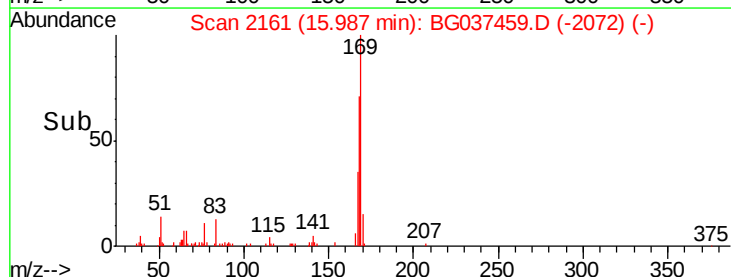
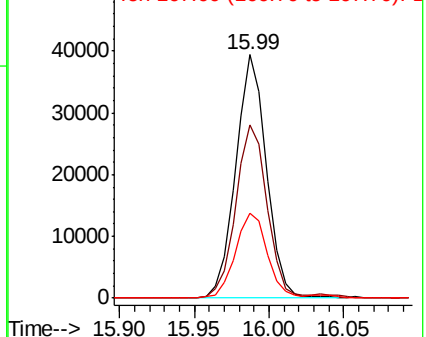
167 34.8 31.3 46.9



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

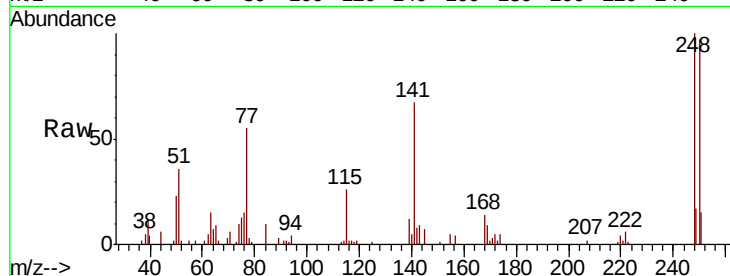




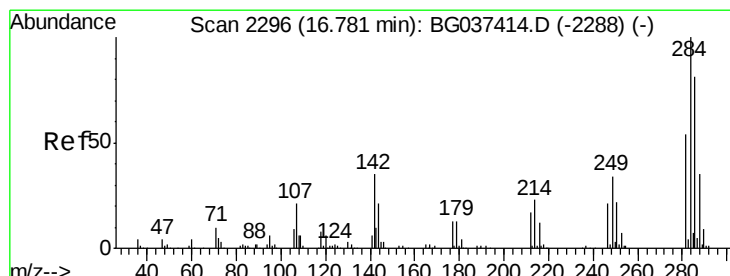
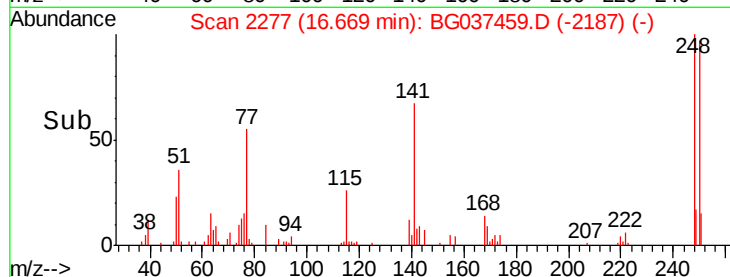
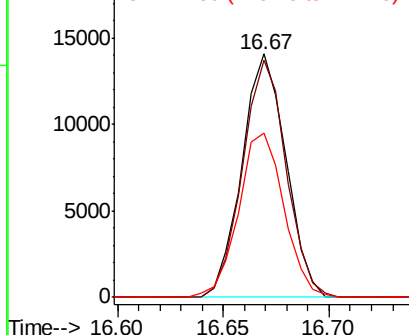
#67
 4-Bromophenyl-phenylether
 Concen: 4.862 ng
 RT: 16.67 min Scan# 2277
 Delta R.T. -0.00 min
 Lab File: BG037459.D
 Acq: 19 Oct 2018 18:33

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

Tgt Ion: 248 Resp: 20352
 Ion Ratio Lower Upper
 248 100
 250 97.2 77.0 115.6
 141 67.3 55.5 83.3

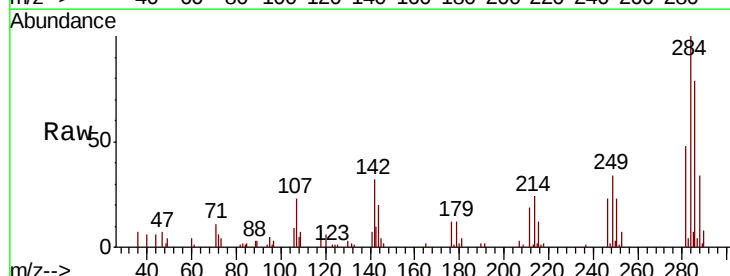


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

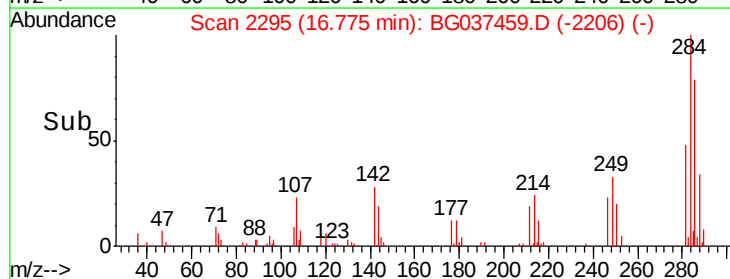
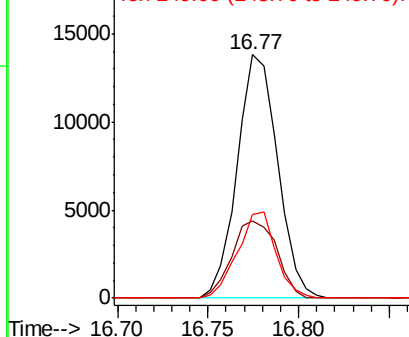


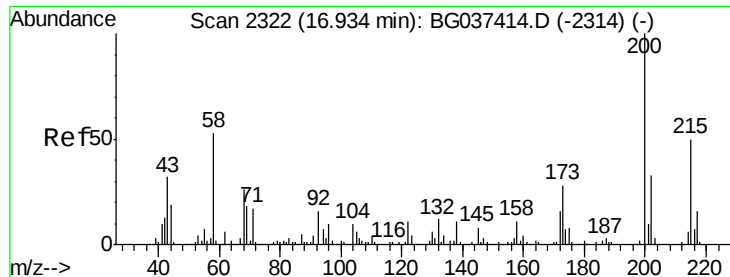
#68
 Hexachlorobenzene
 Concen: 4.938 ng
 RT: 16.77 min Scan# 2295
 Delta R.T. -0.01 min
 Lab File: BG037459.D
 Acq: 19 Oct 2018 18:33

Tgt Ion: 284 Resp: 21421
 Ion Ratio Lower Upper
 284 100
 142 31.7 28.1 42.1
 249 37.0 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

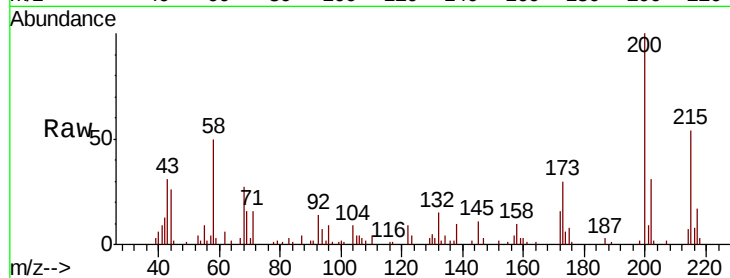




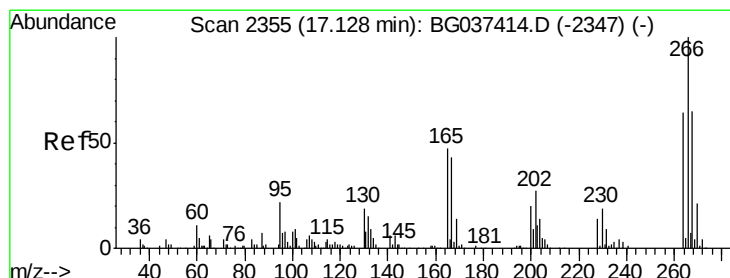
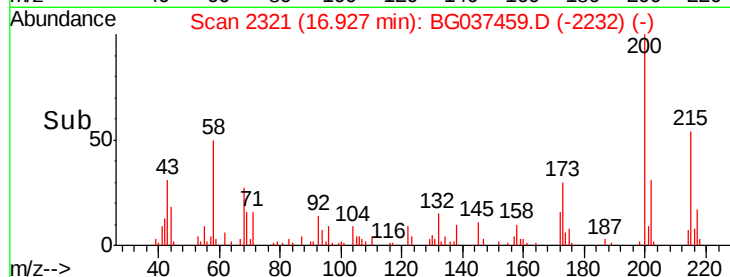
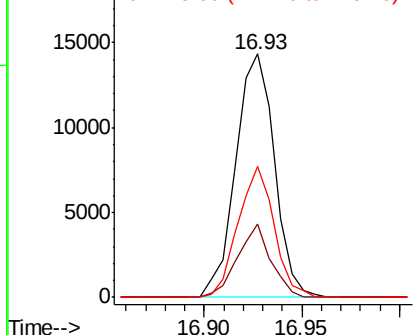
#69
Atrazine
Concen: 4.743 ng
RT: 16.93 min Scan# 2321
Delta R.T. -0.01 min
Lab File: BG037459.D
Acq: 19 Oct 2018 18:33

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tgt Ion:200 Resp: 19660
Ion Ratio Lower Upper
200 100
173 30.1 6.1 46.1
215 53.9 30.8 70.8

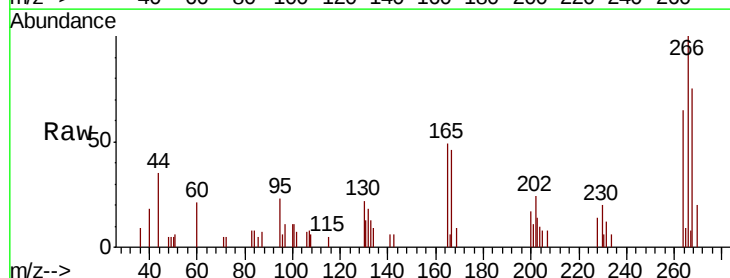


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

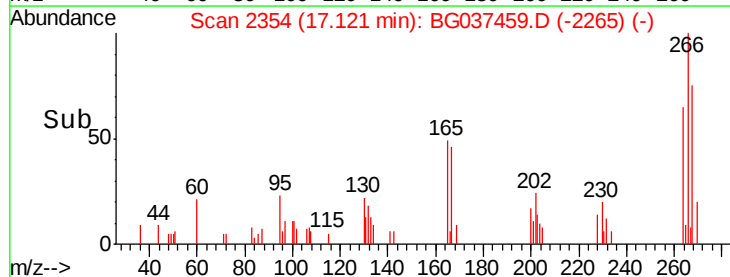
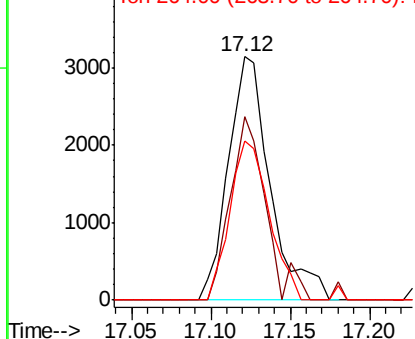


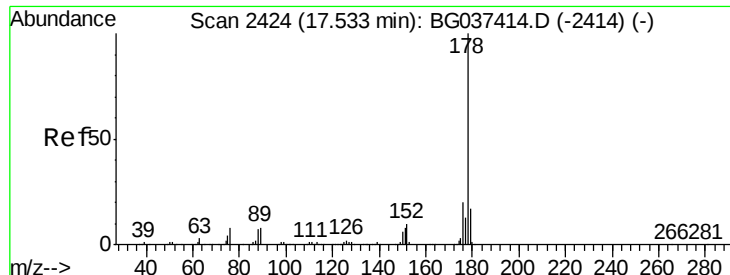
#70
Pentachlorophenol
Concen: 1.980 ng
RT: 17.12 min Scan# 2354
Delta R.T. -0.01 min
Lab File: BG037459.D
Acq: 19 Oct 2018 18:33

Tgt Ion:266 Resp: 5754
Ion Ratio Lower Upper
266 100
268 75.5 55.0 82.6
264 74.2 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

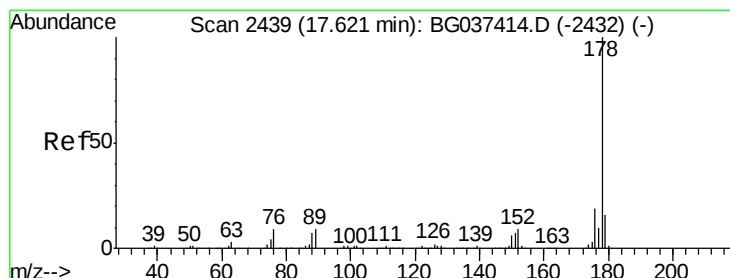
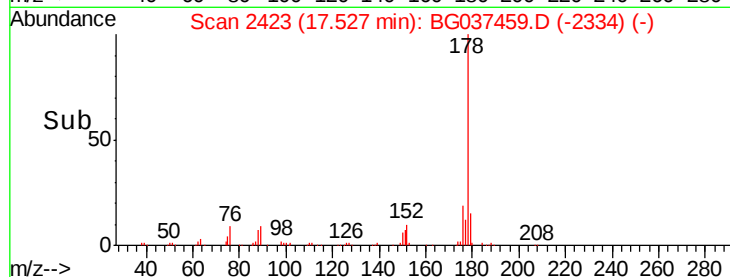
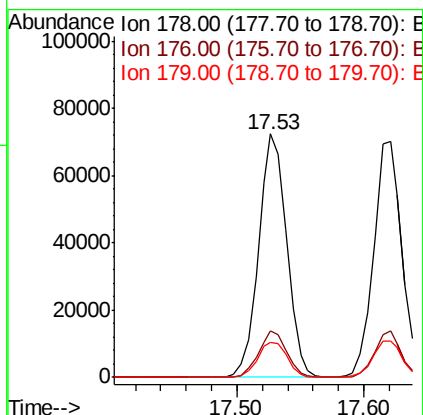
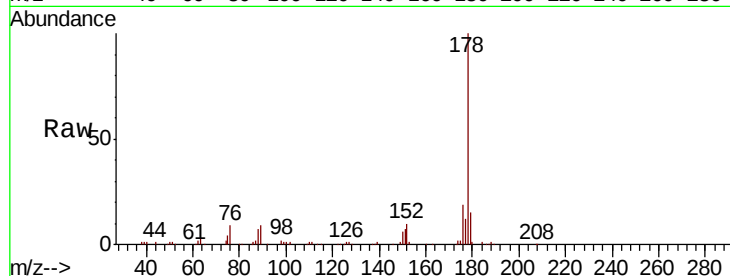




#71
Phenanthrene
Concen: 5.771 ng
RT: 17.53 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG037459.D
Acq: 19 Oct 2018 18:33

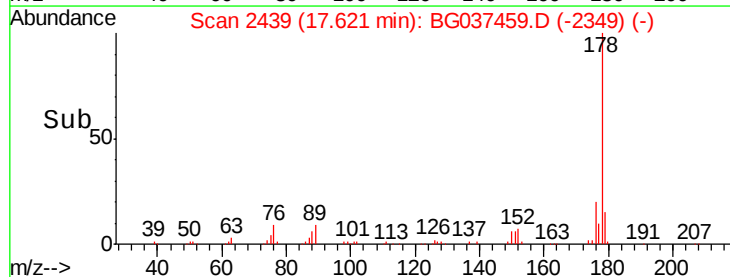
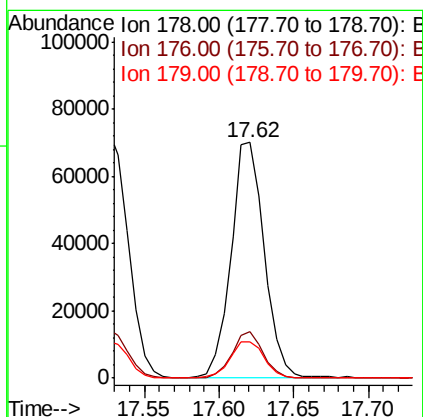
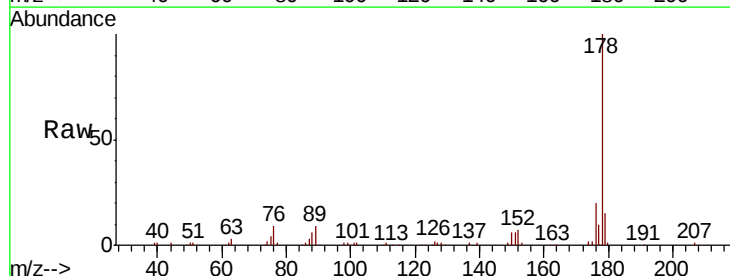
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tgt Ion:178 Resp: 111796
Ion Ratio Lower Upper
178 100
176 19.4 16.1 24.1
179 14.6 13.0 19.4



#72
Anthracene
Concen: 5.698 ng
RT: 17.62 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG037459.D
Acq: 19 Oct 2018 18:33

Tgt Ion:178 Resp: 108317
Ion Ratio Lower Upper
178 100
176 19.6 15.0 22.4
179 15.4 12.8 19.2





#73

Carbazole

Concen: 4.992 ng

RT: 17.89 min Scan# 2485

Delta R.T. -0.00 min

Lab File: BG037459.D

Acq: 19 Oct 2018 18:33

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

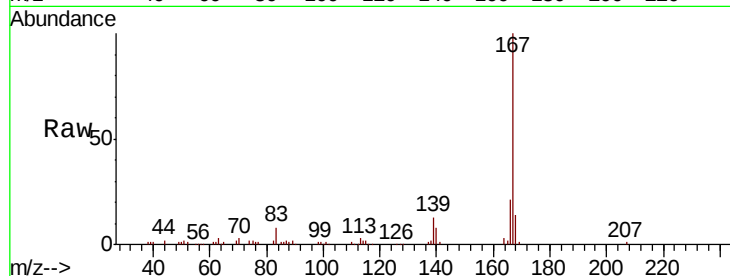
Tgt Ion:167 Resp: 94933

Ion Ratio Lower Upper

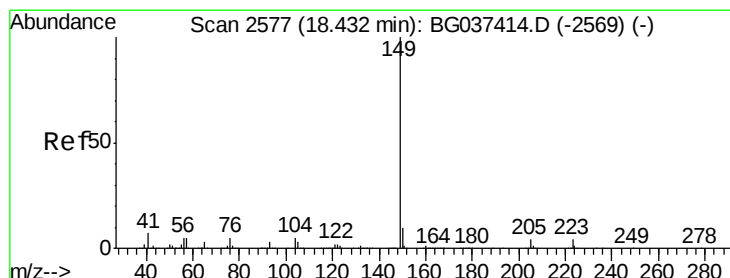
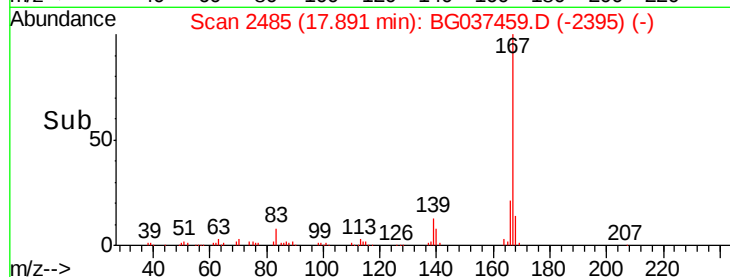
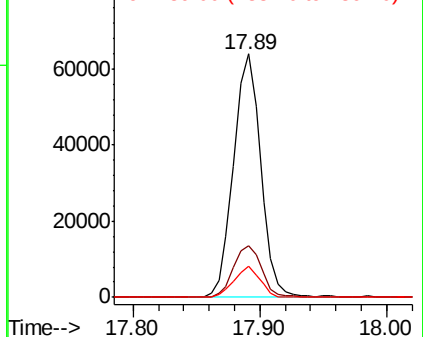
167 100

166 21.1 18.3 27.5

139 12.6 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: 5.028 ng

RT: 18.43 min Scan# 2577

Delta R.T. -0.00 min

Lab File: BG037459.D

Acq: 19 Oct 2018 18:33

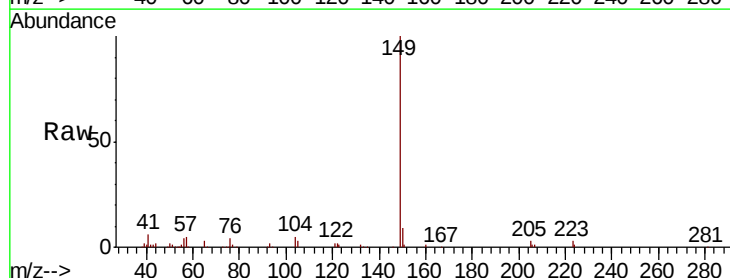
Tgt Ion:149 Resp: 106367

Ion Ratio Lower Upper

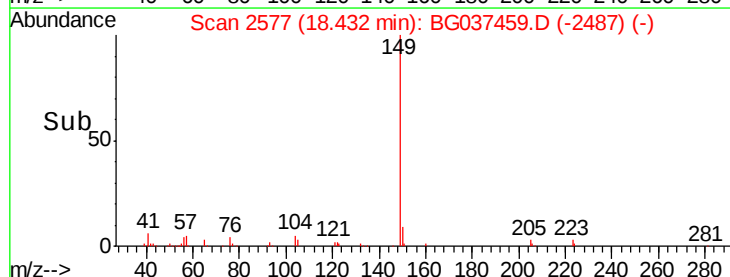
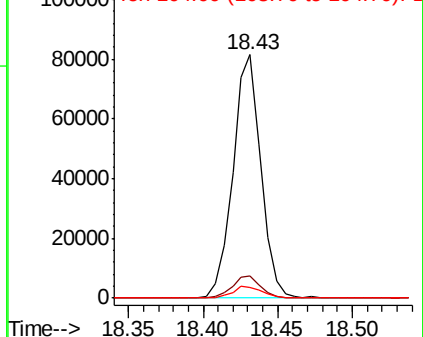
149 100

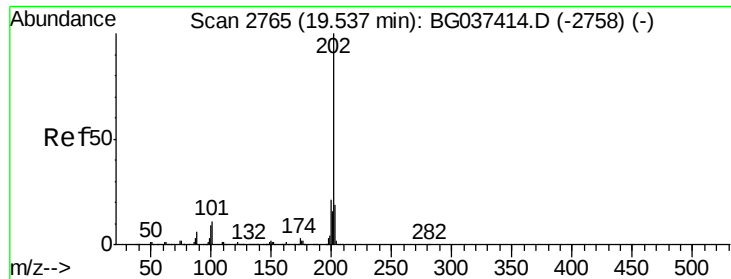
150 9.0 8.2 12.2

104 4.6 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 5.613 ng

RT: 19.53 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG037459.D

Acq: 19 Oct 2018 18:33

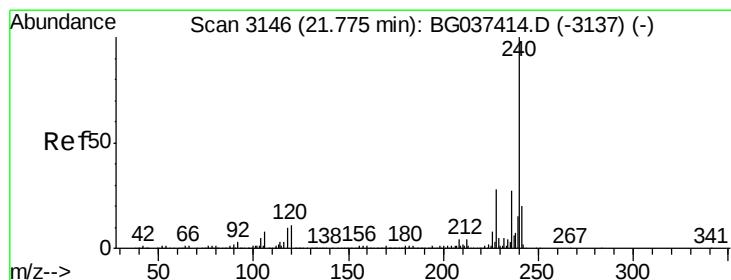
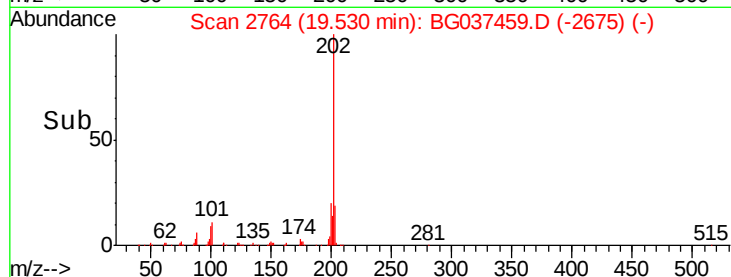
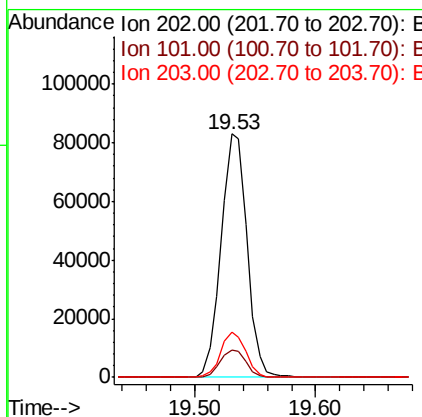
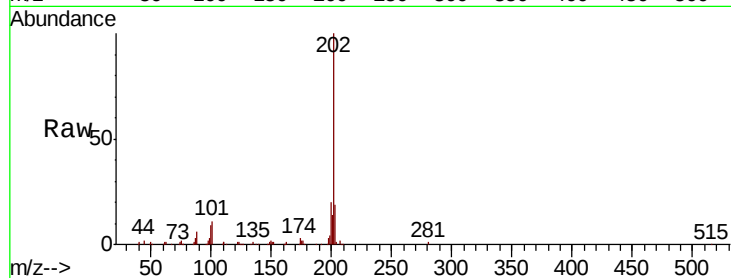
Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

Tgt Ion:	202	Resp:	123319
Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	30.7
203	18.6	0.0	38.5



#76

Chrysene-d12

Concen: 20.000 ng

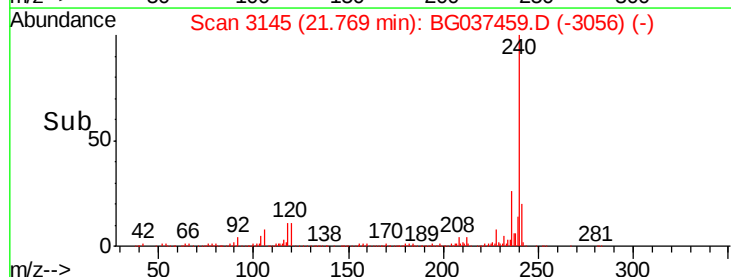
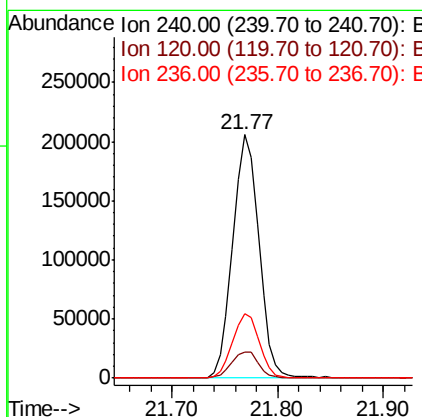
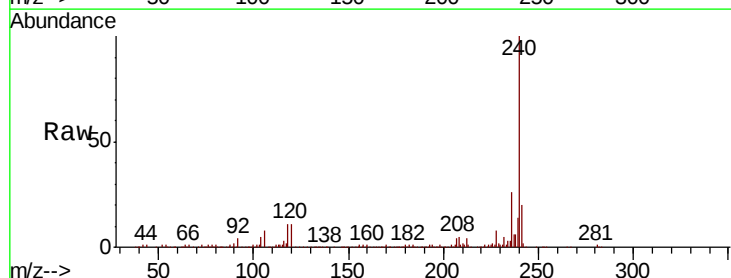
RT: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037459.D

Acq: 19 Oct 2018 18:33

Tgt Ion:	240	Resp:	353473
Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.1	12.1
236	26.3	21.4	32.0





#77

Benzidine

Concen: 1.817 ng

RT: 20.09 min Scan# 2859

Delta R.T. 0.37 min

Lab File: BG037459.D

Acq: 19 Oct 2018 18:33

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

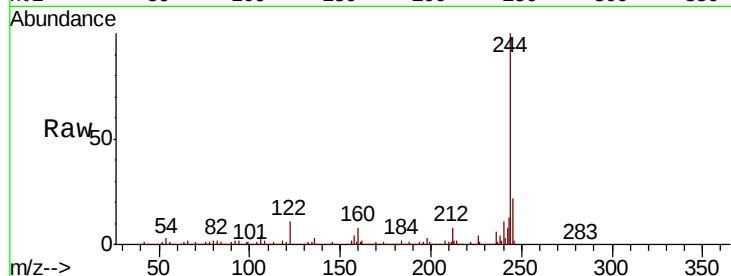
Tgt Ion:184 Resp: 21838

Ion Ratio Lower Upper

184 100

185 14.6 12.6 18.8

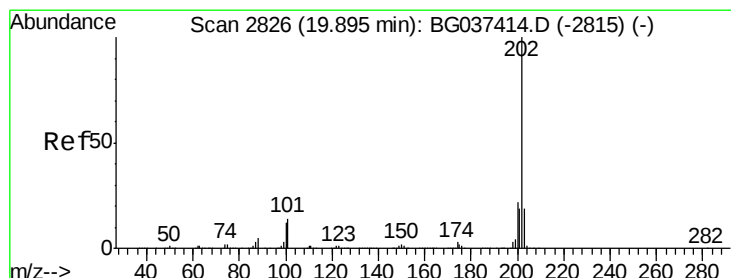
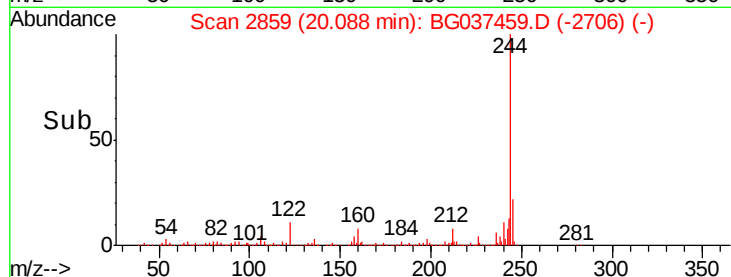
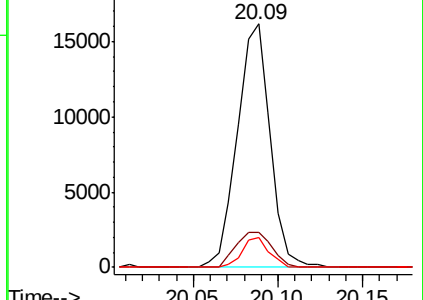
183 12.3 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 5.504 ng

RT: 19.89 min Scan# 2826

Delta R.T. -0.00 min

Lab File: BG037459.D

Acq: 19 Oct 2018 18:33

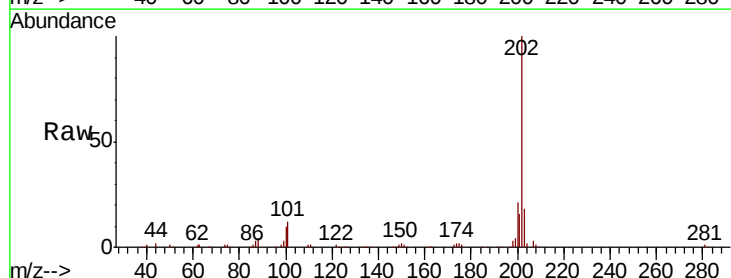
Tgt Ion:202 Resp: 127183

Ion Ratio Lower Upper

202 100

200 20.9 17.8 26.6

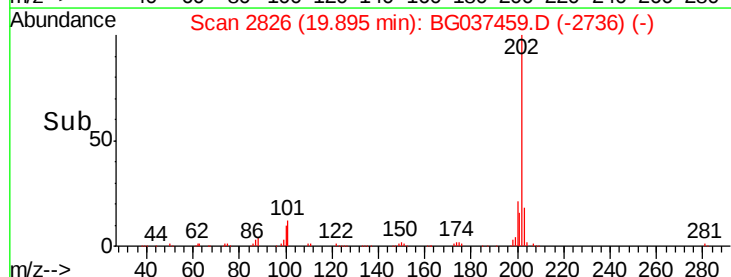
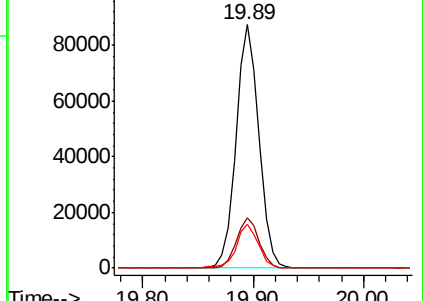
203 18.2 15.2 22.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.056 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG037459.D

Acq: 19 Oct 2018 18:33

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

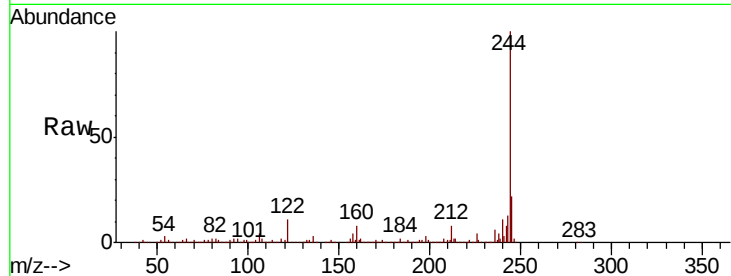
Tgt Ion:244 Resp: 1324316

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

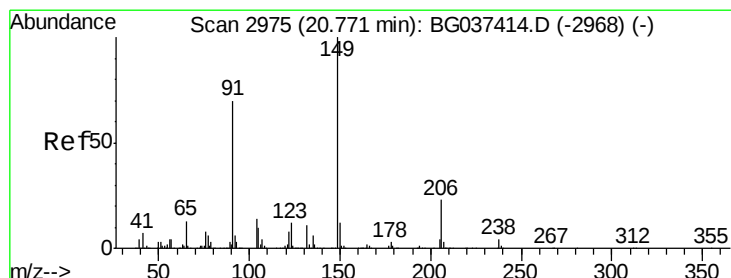
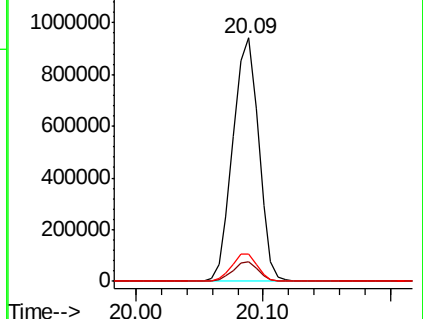
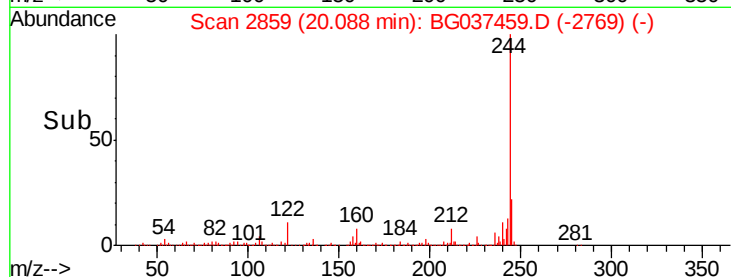
122 11.0 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 4.444 ng

RT: 20.77 min Scan# 2975

Delta R.T. -0.00 min

Lab File: BG037459.D

Acq: 19 Oct 2018 18:33

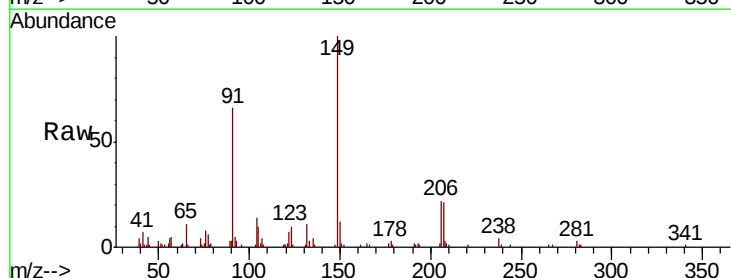
Tgt Ion:149 Resp: 42026

Ion Ratio Lower Upper

149 100

91 65.8 57.0 85.4

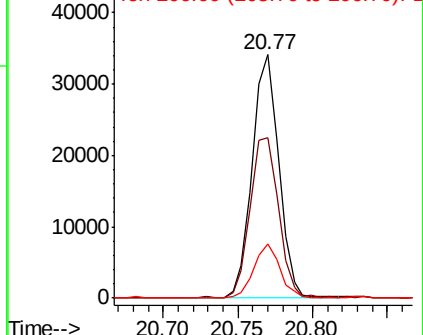
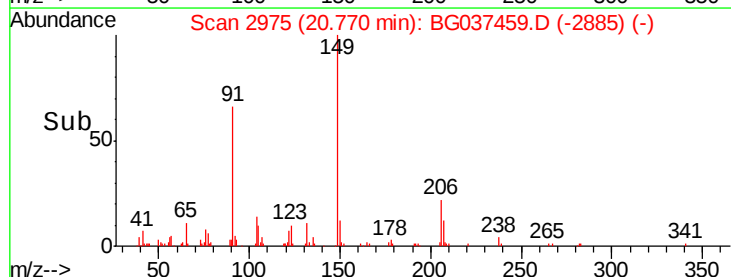
206 22.3 17.8 26.6

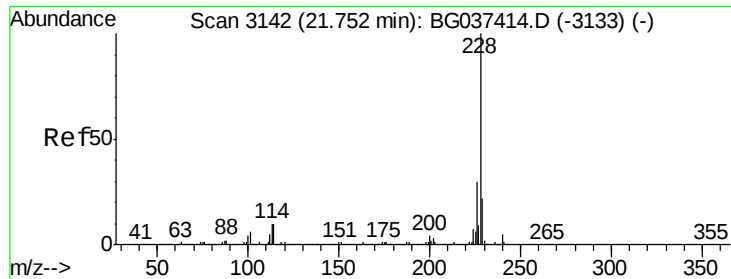


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

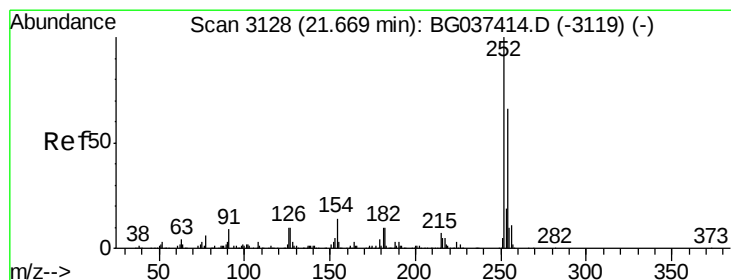
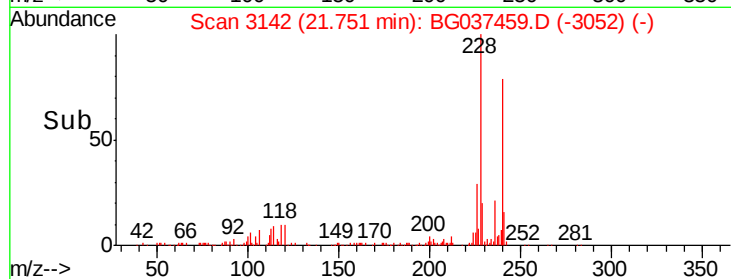
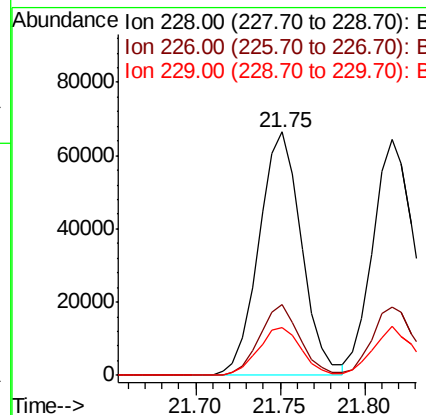
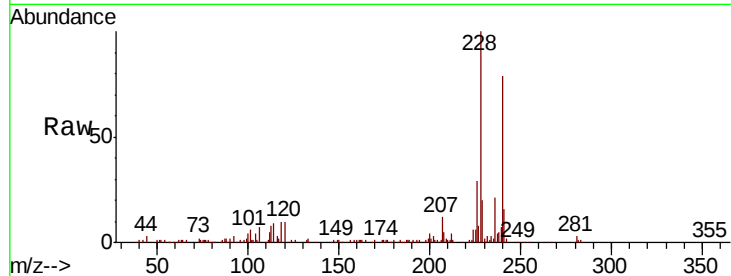




#81
Benzo(a)anthracene
Concen: 5.556 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG037459.D
Acq: 19 Oct 2018 18:33

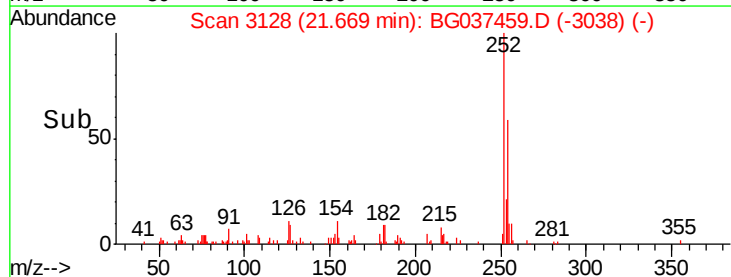
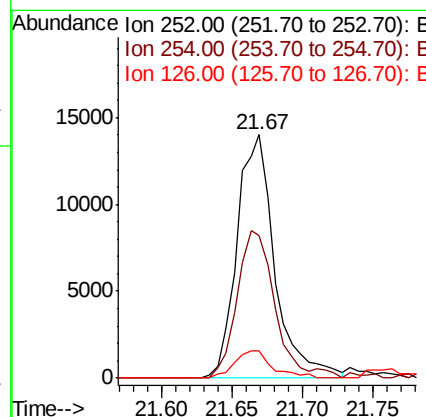
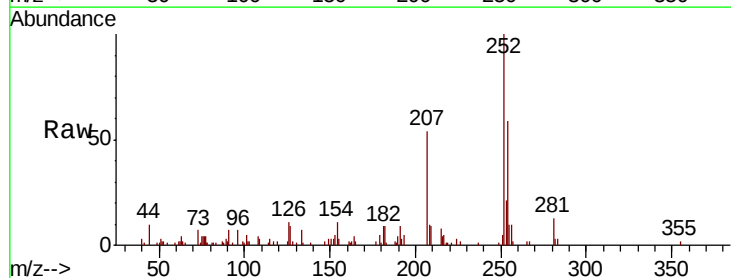
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

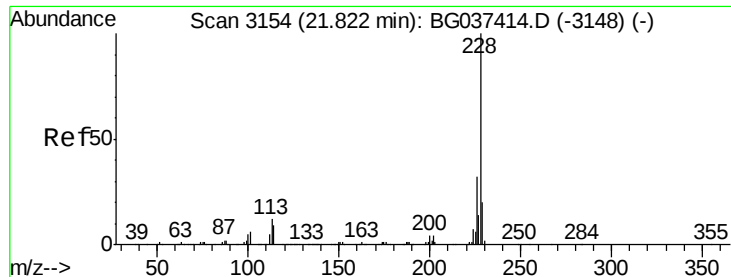
Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	33.8
229	19.7	16.3	24.5



#82
3,3'-Dichlorobenzidine
Concen: 3.217 ng
RT: 21.67 min Scan# 3128
Delta R.T. -0.00 min
Lab File: BG037459.D
Acq: 19 Oct 2018 18:33

Tgt Ion	Ratio	Lower	Upper
252	100		
254	58.7	52.0	78.0
126	11.0	8.2	12.4





#83

Chrysene

Concen: 5.466 ng

RT: 21.82 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BG037459.D

Acq: 19 Oct 2018 18:33

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

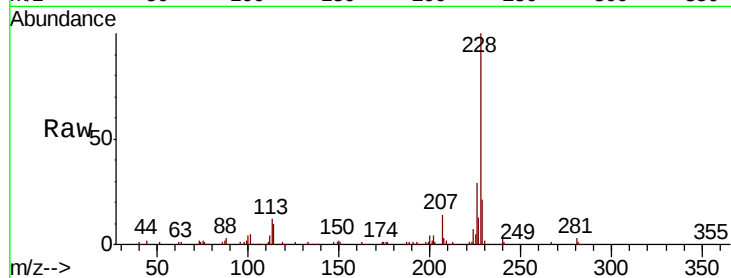
Tgt Ion:228 Resp: 109881

Ion Ratio Lower Upper

228 100

226 28.8 25.7 38.5

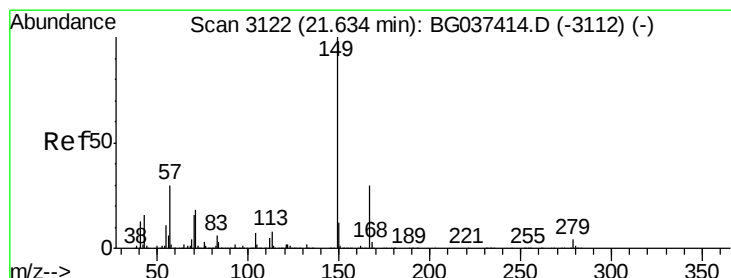
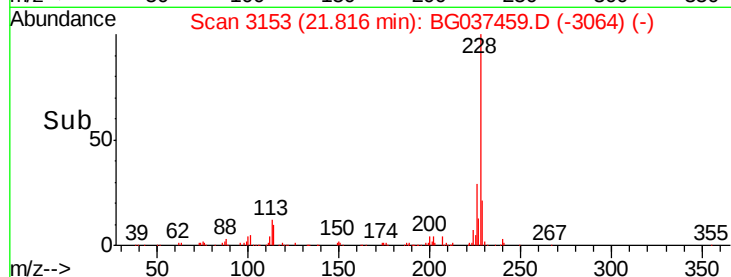
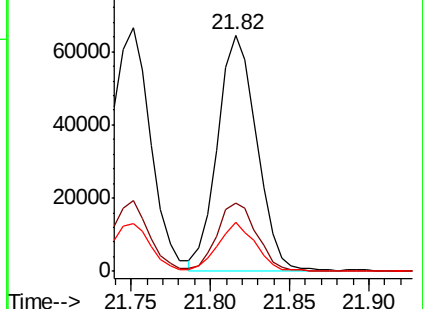
229 20.6 16.5 24.7



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: 4.468 ng

RT: 21.63 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BG037459.D

Acq: 19 Oct 2018 18:33

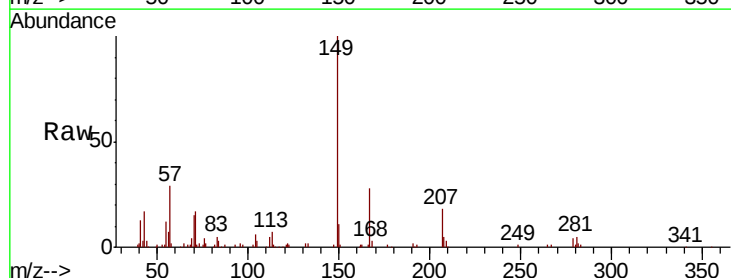
Tgt Ion:149 Resp: 59229

Ion Ratio Lower Upper

149 100

167 27.9 23.0 34.4

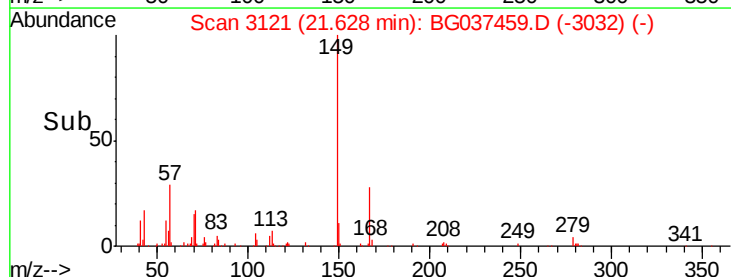
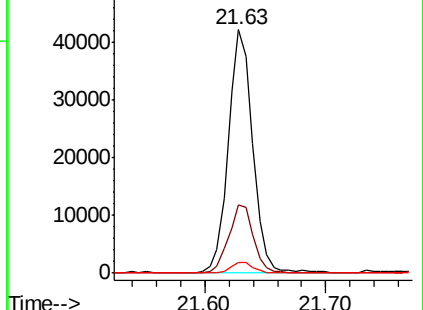
279 4.2 3.6 5.4

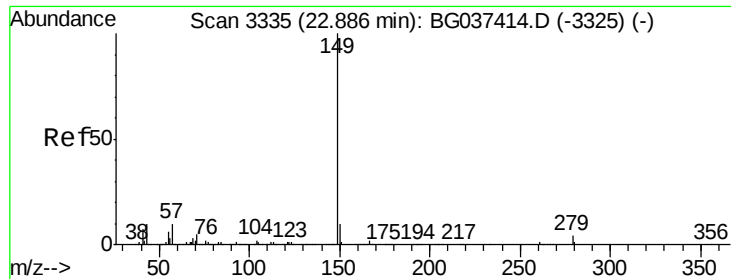


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

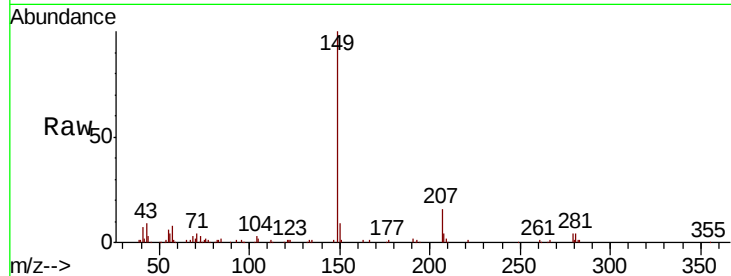




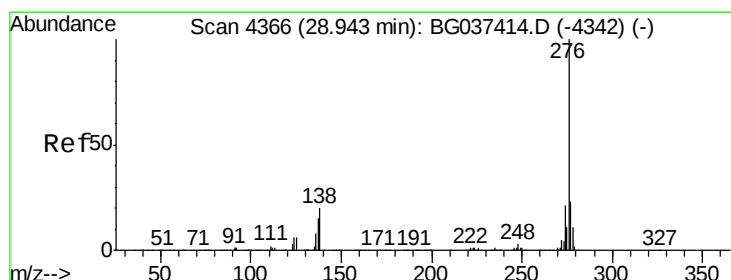
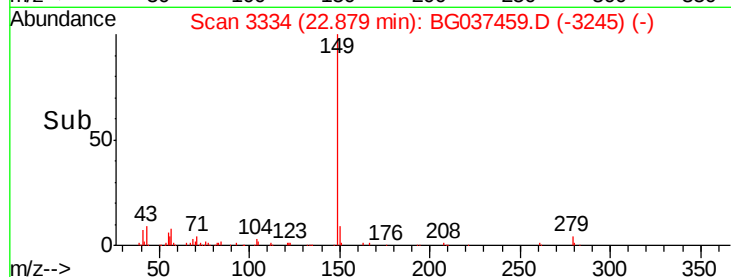
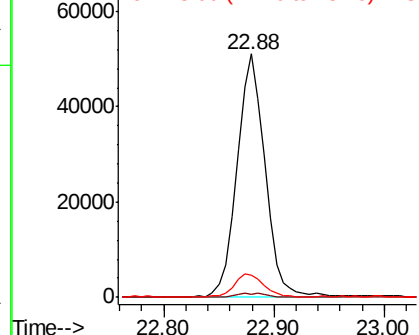
#85
Di-n-octyl phthalate
Concen: 4.235 ng
RT: 22.88 min Scan# 3334
Delta R.T. -0.01 min
Lab File: BG037459.D
Acq: 19 Oct 2018 18:33

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tgt Ion:149 Resp: 91537
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 10.4 8.7 13.1

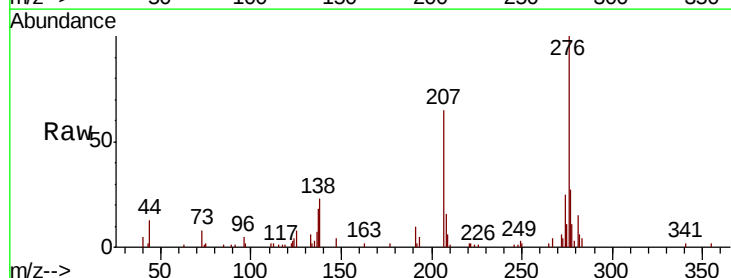


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

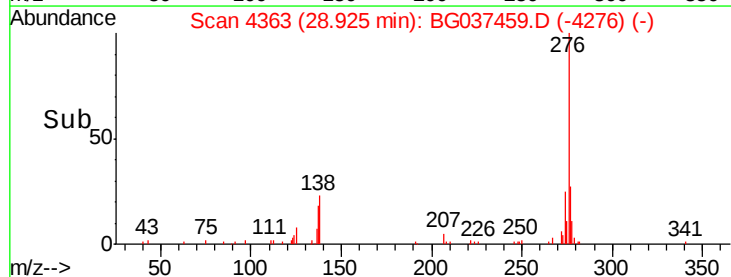
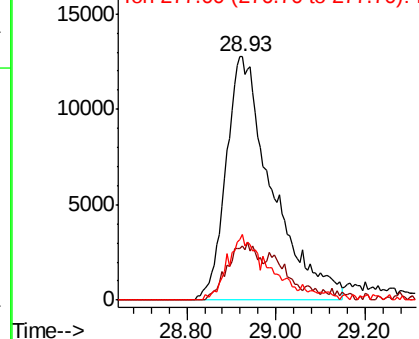


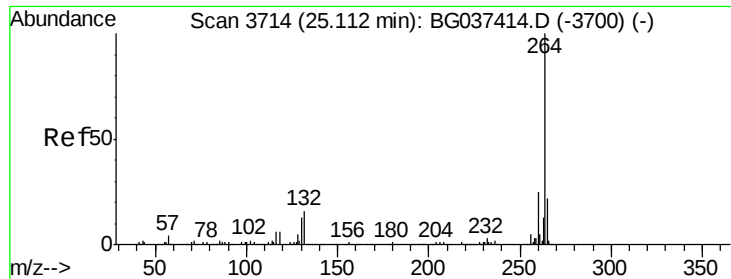
#86
Indeno(1,2,3-cd)pyrene
Concen: 4.256 ng
RT: 28.93 min Scan# 4363
Delta R.T. -0.02 min
Lab File: BG037459.D
Acq: 19 Oct 2018 18:33

Tgt Ion:276 Resp: 91772
Ion Ratio Lower Upper
276 100
138 9.5 12.0 18.0#
277 23.0 20.6 30.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.11 min Scan# 3713

Delta R.T. -0.01 min

Lab File: BG037459.D

Acq: 19 Oct 2018 18:33

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

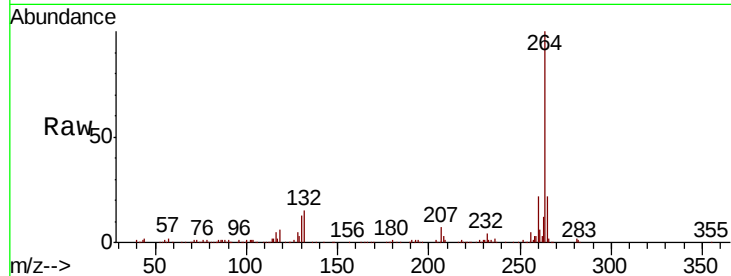
Tgt Ion:264 Resp: 353596

Ion Ratio Lower Upper

264 100

260 22.3 18.2 27.4

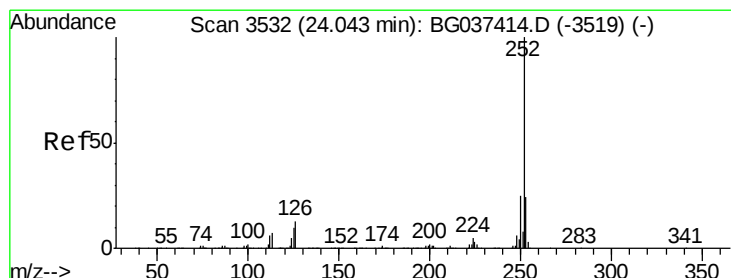
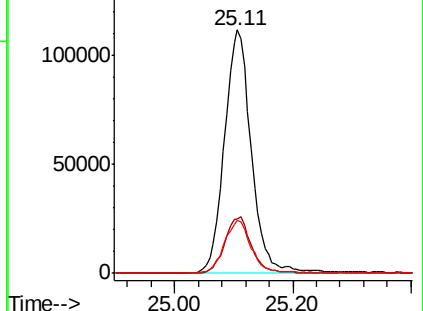
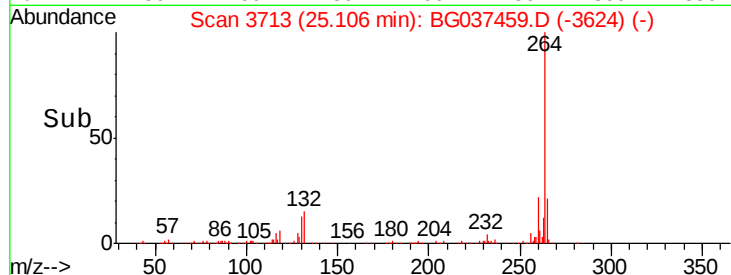
265 21.5 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 5.090 ng

RT: 24.04 min Scan# 3531

Delta R.T. -0.01 min

Lab File: BG037459.D

Acq: 19 Oct 2018 18:33

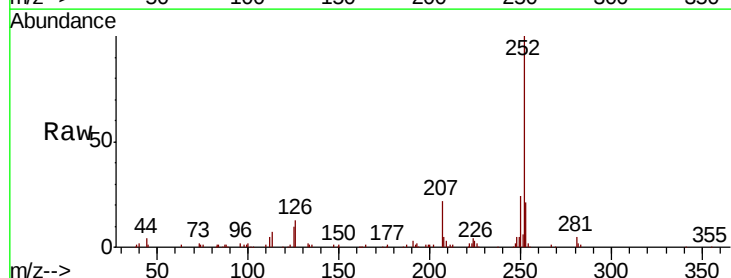
Tgt Ion:252 Resp: 98664

Ion Ratio Lower Upper

252 100

253 21.0 18.2 27.2

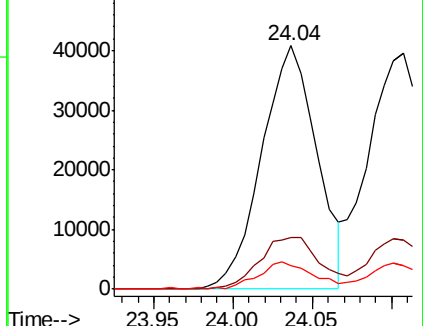
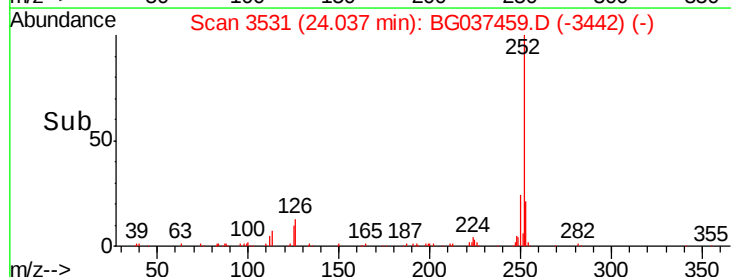
125 9.8 7.8 11.6

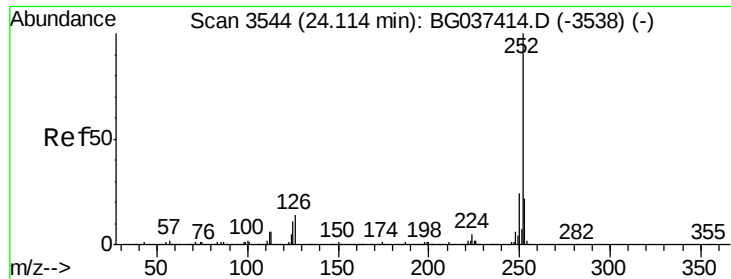


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

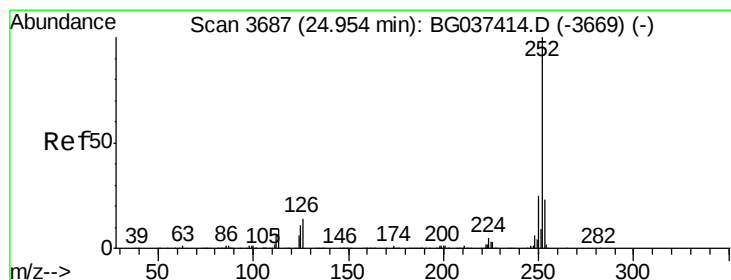
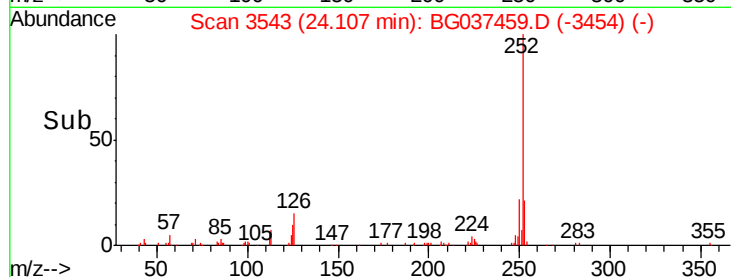
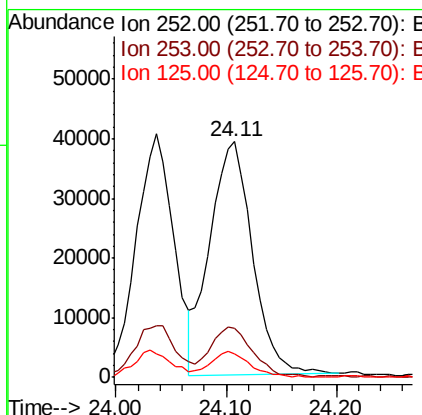
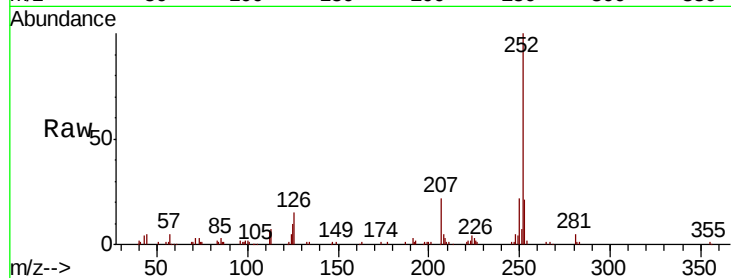




#89
Benzo(k)fluoranthene
Concen: 5.542 ng
RT: 24.11 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG037459.D
Acq: 19 Oct 2018 18:33

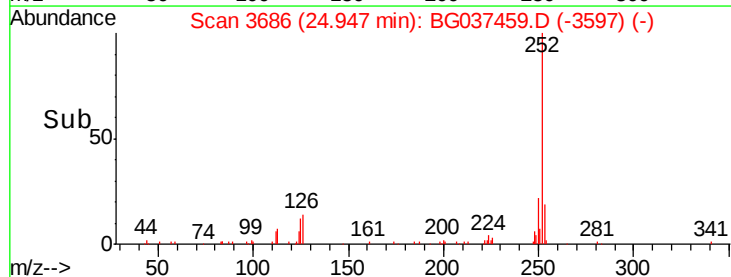
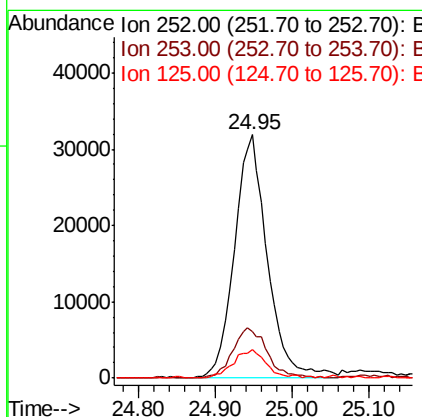
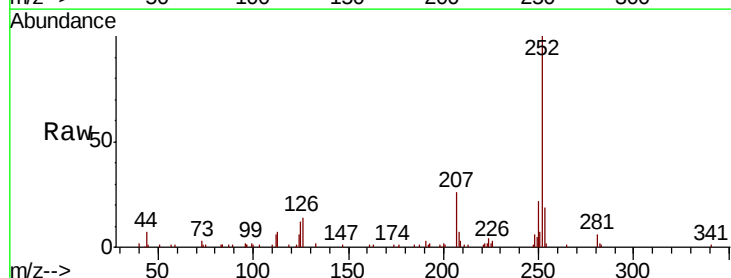
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

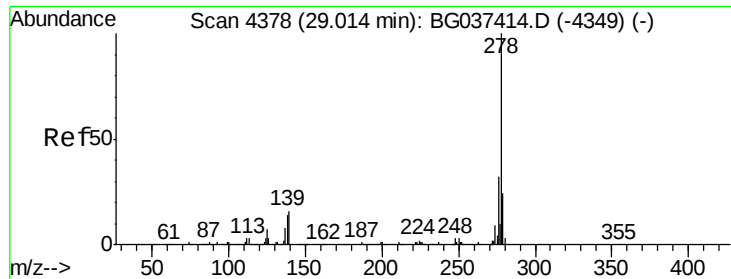
Tgt Ion: 252 Resp: 105250
Ion Ratio Lower Upper
252 100
253 21.1 17.4 26.2
125 9.7 7.4 11.0



#90
Benzo(a)pyrene
Concen: 5.194 ng
RT: 24.95 min Scan# 3686
Delta R.T. -0.01 min
Lab File: BG037459.D
Acq: 19 Oct 2018 18:33

Tgt Ion: 252 Resp: 95684
Ion Ratio Lower Upper
252 100
253 18.8 17.4 26.2
125 11.9 9.0 13.6



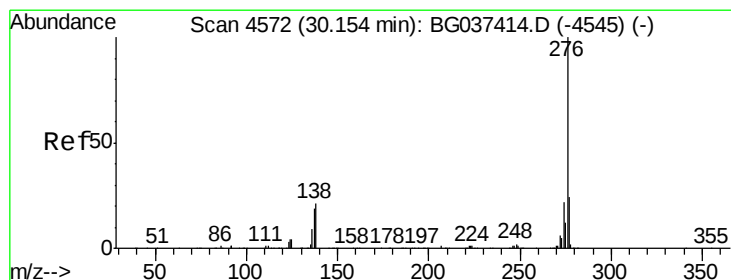
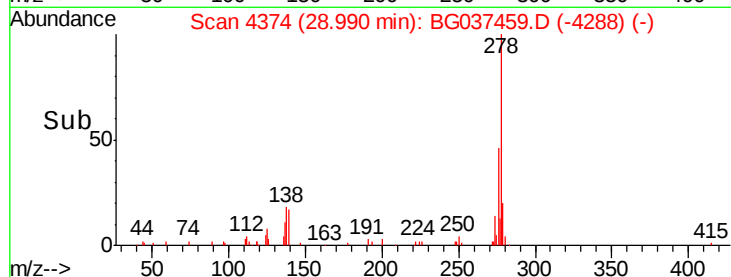
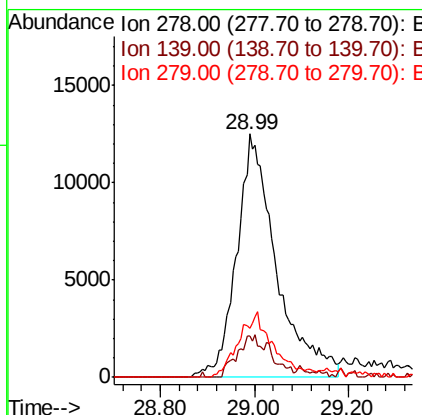
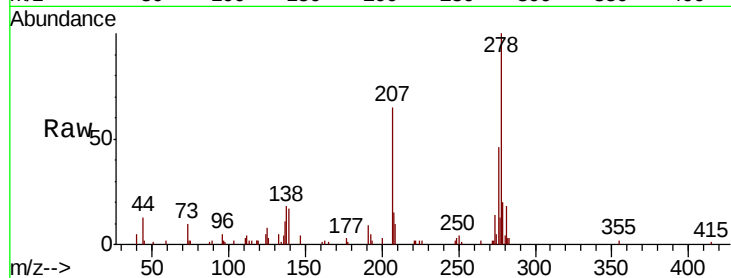


#91
Dibenzo(a,h)anthracene
Concen: 4.322 ng
RT: 28.99 min Scan# 4374
Delta R.T. -0.02 min
Lab File: BG037459.D
Acq: 19 Oct 2018 18:33

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tgt Ion: 278 Resp: 73445

Ion	Ratio	Lower	Upper
278	100		
139	17.2	11.5	17.3
279	20.2	18.6	27.8



#92
Benzo(g,h,i)perylene
Concen: 4.544 ng
RT: 30.12 min Scan# 4566
Delta R.T. -0.04 min
Lab File: BG037459.D
Acq: 19 Oct 2018 18:33

Tgt Ion: 276 Resp: 78111

Ion	Ratio	Lower	Upper
276	100		
277	17.9	18.9	28.3#
138	20.2	17.2	25.8

