

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101918\
 Data File : BG037458.D
 Acq On : 19 Oct 2018 17:54
 Operator : JU/SJ
 Sample : J5164-07
 Misc : LOD 2PPM
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Oct 19 23:32:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	48063	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	220515	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	146543	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	350287	20.00	ng	0.00
76) Chrysene-d12	21.77	240	329136	20.00	ng	0.00
87) Perylene-d12	25.10	264	312017	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	441410	153.54	ng	0.00
7) Phenol-d6	7.25	99	637319	146.61	ng	0.00
23) Nitrobenzene-d5	9.29	82	365669	92.89	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	240274	150.33	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	895881	92.19	ng	0.00
79) Terphenyl-d14	20.09	244	1342982	87.19	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	3754	2.575	ng	89
3) Pyridine	3.95	79	7761	2.112	ng	# 78
4) n-Nitrosodimethylamine	3.87	42	2849	2.177	ng	# 84
6) Aniline	7.44	93	7566	1.427	ng	93
8) 2-Chlorophenol	7.66	128	7156	2.128	ng	99
9) Benzaldehyde	7.25	77	6131	2.255	ng	96
10) Phenol	7.27	94	10501	2.289	ng	# 72
11) bis(2-Chloroethyl)ether	7.53	93	8111	2.328	ng	91
12) 1,3-Dichlorobenzene	8.14	146	8251	2.204	ng	96
13) 1,4-Dichlorobenzene	8.14	146	8251	2.154	ng	98
14) 1,2-Dichlorobenzene	8.46	146	7895	2.143	ng	96
15) Benzyl Alcohol	8.35	79	6322	1.968	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.63	45	14048	2.254	ng	96
17) 2-Methylphenol	8.54	107	6255	2.063	ng	86
18) Hexachloroethane	9.19	117	2579	1.975	ng	85
19) n-Nitroso-di-n-propylamine	8.91	70	5979	1.997	ng	# 76
20) 3+4-Methylphenols	8.86	107	9032	2.083	ng	92
22) Acetophenone	8.94	105	12033	2.176	ng	# 94
24) Nitrobenzene	9.33	77	10043	2.456	ng	95
25) Isophorone	9.84	82	16459	2.288	ng	99
26) 2-Nitrophenol	10.04	139	3094	1.679	ng	# 85
27) 2,4-Dimethylphenol	10.08	122	7133	2.169	ng	95
28) bis(2-Chloroethoxy)methane	10.32	93	10635	2.257	ng	94
29) 2,4-Dichlorophenol	10.57	162	6509	1.777	ng	94
30) 1,2,4-Trichlorobenzene	10.78	180	8660	2.174	ng	98
31) Naphthalene	10.98	128	27005	2.493	ng	96
32) Benzoic acid	10.08	122	7133	3.339	ng	# 12
33) 4-Chloroaniline	11.09	127	7254	1.425	ng	93
34) Hexachlorobutadiene	11.25	225	4870	2.063	ng	# 87
35) Caprolactam	11.85	113	2108	1.435	ng	# 76
36) 4-Chloro-3-methylphenol	12.19	107	7719	1.869	ng	98
37) 2-Methylnaphthalene	12.58	142	19679	2.492	ng	99
38) 1-Methylnaphthalene	12.79	142	18645	2.432	ng	# 88
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	10403	2.201	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	4458	1.974	ng	80
43) 2,4,6-Trichlorophenol	13.18	196	5508	1.744	ng	95
44) 2,4,5-Trichlorophenol	13.24	196	6252	1.818	ng #	85
46) 1,1'-Biphenyl	13.58	154	26586	2.191	ng	98
47) 2-Chloronaphthalene	13.62	162	21056	2.293	ng	96
48) 2-Nitroaniline	13.83	65	4650	1.670	ng	97
49) Acenaphthylene	14.46	152	32664	2.365	ng	97
50) Dimethylphthalate	14.19	163	25637	2.261	ng	98
51) 2,6-Dinitrotoluene	14.31	165	4521	1.803	ng #	87
52) Acenaphthene	14.80	154	20281	2.384	ng	92
53) 3-Nitroaniline	14.65	138	4006	1.439	ng #	95
55) Dibenzofuran	15.14	168	36268	2.573	ng	95
56) 4-Nitrophenol	14.94	139	1653	0.802	ng #	80
57) 2,4-Dinitrotoluene	15.10	165	5605	1.703	ng #	96
58) Fluorene	15.78	166	26409	2.502	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.36	232	4717	1.602	ng #	99
60) Diethylphthalate	15.54	149	26074	2.240	ng	97
61) 4-Chlorophenyl-phenylether	15.77	204	13433	2.184	ng	97
62) 4-Nitroaniline	15.81	138	4260	1.540	ng	92
63) Azobenzene	16.07	77	25531	2.299	ng	95
65) 4,6-Dinitro-2-methylphenol	16.21	198	551	8.754	ng	89
66) n-Nitrosodiphenylamine	15.99	169	22488	2.134	ng	96
67) 4-Bromophenyl-phenylether	16.67	248	8517	2.214	ng	97
68) Hexachlorobenzene	16.78	284	8012	2.010	ng	98
69) Atrazine	16.92	200	7216	1.894	ng	97
70) Pentachlorophenol	17.12	266	1487	0.557	ng #	66
71) Phenanthrene	17.53	178	46576	2.616	ng	95
72) Anthracene	17.62	178	43169	2.471	ng	99
73) Carbazole	17.89	167	36703	2.100	ng	98
74) Di-n-butylphthalate	18.43	149	40966	2.107	ng #	95
75) Fluoranthene	19.53	202	49521	2.453	ng	98
77) Benzidine	19.72	184	4869	0.435	ng	94
78) Pyrene	19.89	202	49696	2.310	ng	100
80) Butylbenzylphthalate	20.77	149	14988	1.702	ng	94
81) Benzo(a)anthracene	21.75	228	45686	2.347	ng	96
82) 3,3'-Dichlorobenzidine	21.67	252	9534	1.263	ng #	89
83) Chrysene	21.82	228	45894	2.452	ng	94
84) Bis(2-ethylhexyl)phthalate	21.63	149	21019	1.703	ng	96
85) Di-n-octyl phthalate	22.88	149	31899	1.585	ng	99
86) Indeno(1,2,3-cd)pyrene	28.92	276	20161	1.004	ng #	73
88) Benzo(b)fluoranthene	24.03	252	38286	2.238	ng	98
89) Benzo(k)fluoranthene	24.10	252	39929	2.383	ng #	95
90) Benzo(a)pyrene	24.95	252	35817	2.204	ng	98
91) Dibenzo(a,h)anthracene	29.00	278	21781	1.453	ng	98
92) Benzo(g,h,i)perylene	30.11	276	12922	0.852	ng #	92

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

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ALS Vial : 14 Sample Multiplier: 1

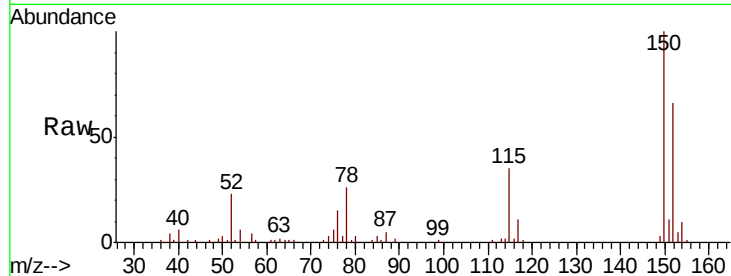


#1

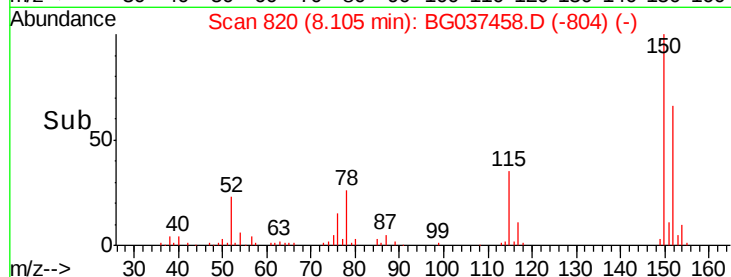
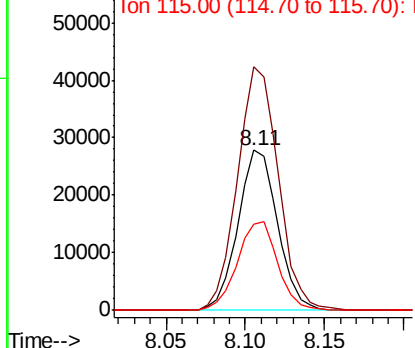
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037458.D
Acq: 19 Oct 2018 17:54

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

Tgt Ion:152 Resp: 48063
Ion Ratio Lower Upper
152 100
150 152.4 126.0 189.0
115 53.9 45.5 68.3



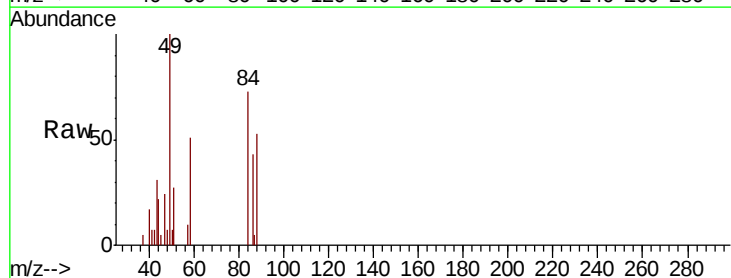
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



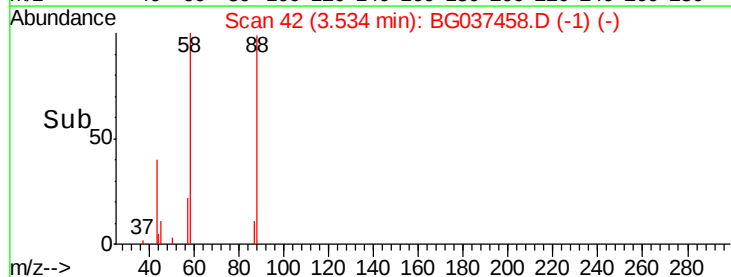
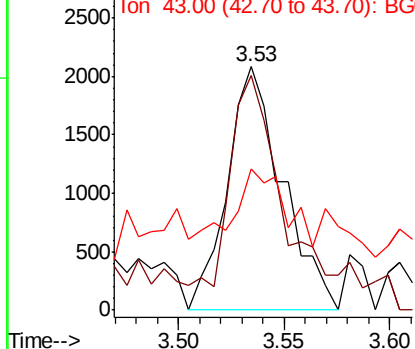
#2

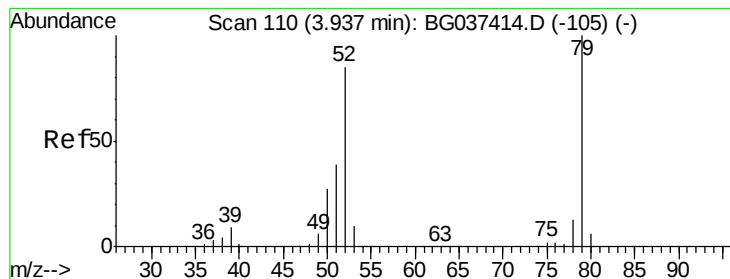
1,4-Dioxane
Concen: 2.575 ng
RT: 3.53 min Scan# 42
Delta R.T. 0.00 min
Lab File: BG037458.D
Acq: 19 Oct 2018 17:54

Tgt Ion: 88 Resp: 3754
Ion Ratio Lower Upper
88 100
58 106.3 74.4 111.6
43 30.5 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: 2.112 ng

RT: 3.95 min Scan# 113

Delta R.T. 0.01 min

Lab File: BG037458.D

Acq: 19 Oct 2018 17:54

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

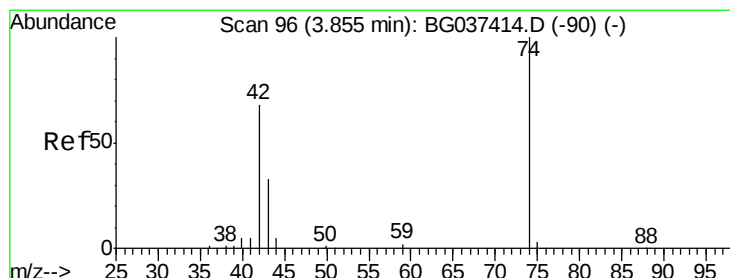
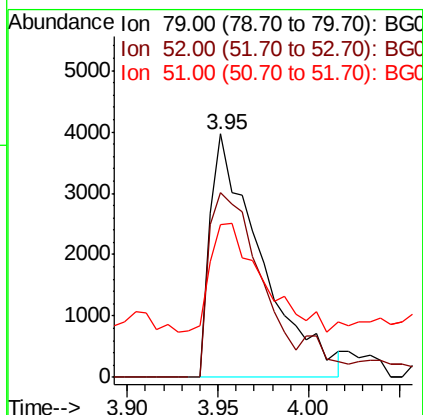
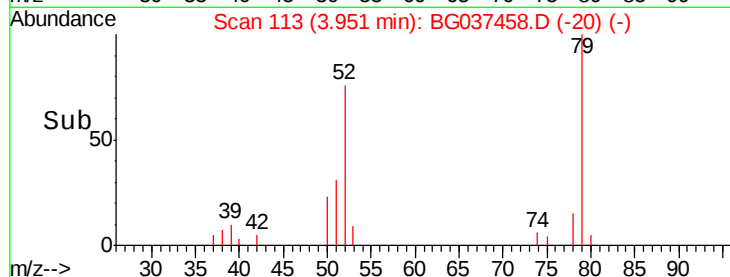
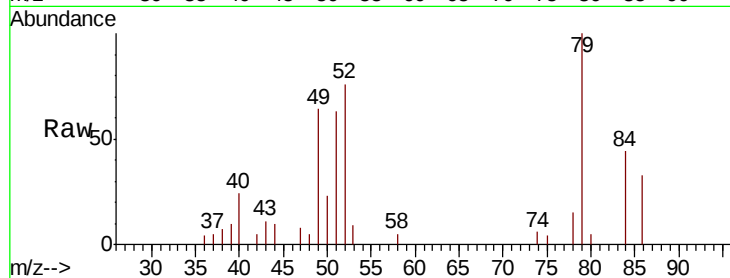
Tgt Ion: 79 Resp: 7761

Ion Ratio Lower Upper

79 100

52 75.6 74.2 111.2

51 62.7 34.6 51.8#



#4

n-Nitrosodimethylamine

Concen: 2.177 ng

RT: 3.87 min Scan# 99

Delta R.T. 0.01 min

Lab File: BG037458.D

Acq: 19 Oct 2018 17:54

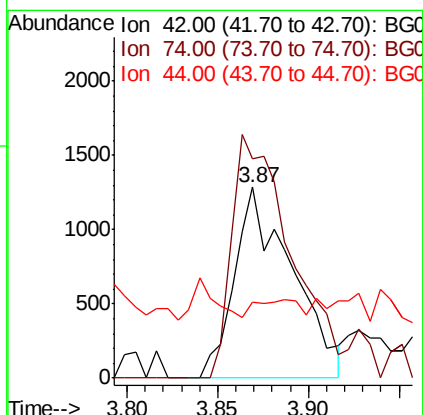
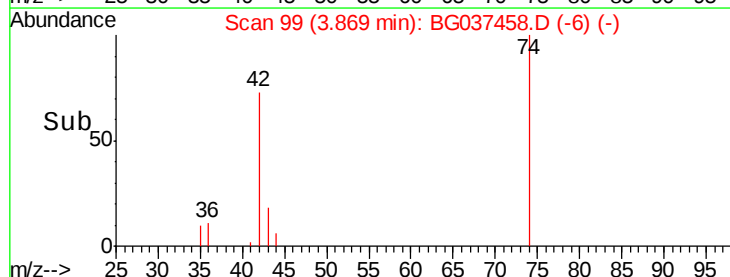
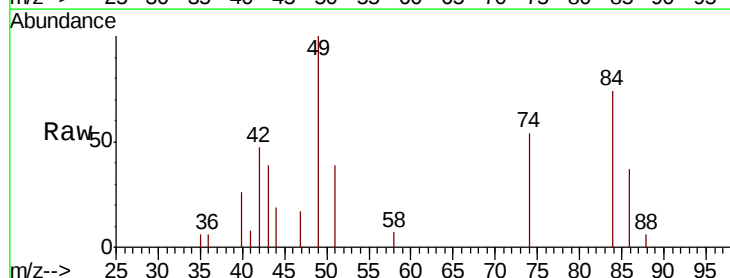
Tgt Ion: 42 Resp: 2849

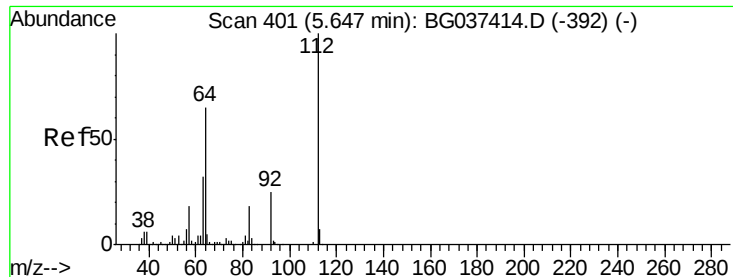
Ion Ratio Lower Upper

42 100

74 114.7 102.0 153.0

44 39.6 9.6 14.4#





#5

2-Fluorophenol

Concen: 153.543 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037458.D

Acq: 19 Oct 2018 17:54

Instrument :

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ClientSampleId :

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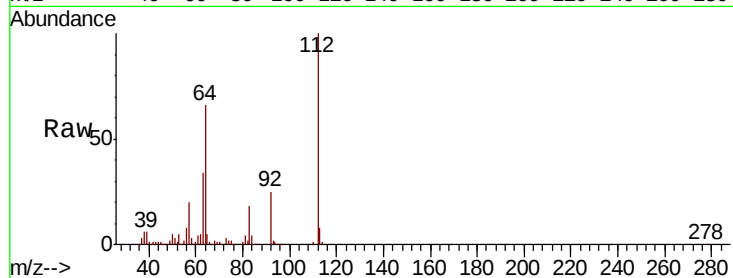
Tgt Ion: 112 Resp: 441410

Ion Ratio Lower Upper

112 100

64 66.3 53.1 79.7

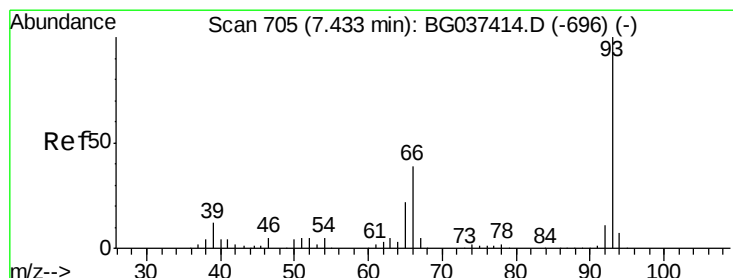
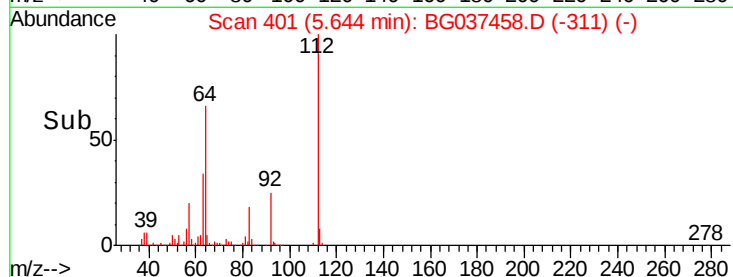
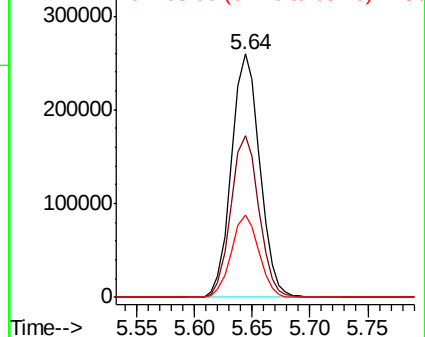
63 33.6 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 1.427 ng

RT: 7.44 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG037458.D

Acq: 19 Oct 2018 17:54

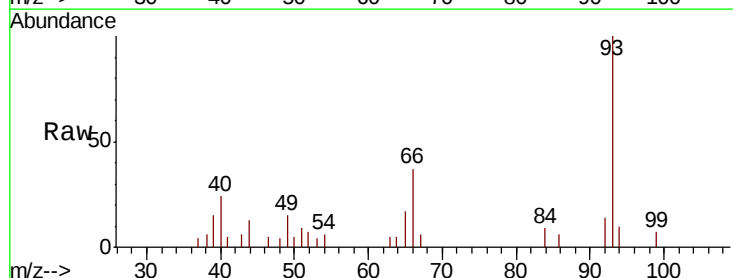
Tgt Ion: 93 Resp: 7566

Ion Ratio Lower Upper

93 100

66 36.8 32.8 49.2

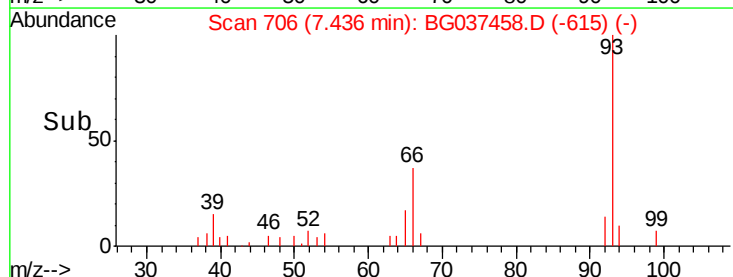
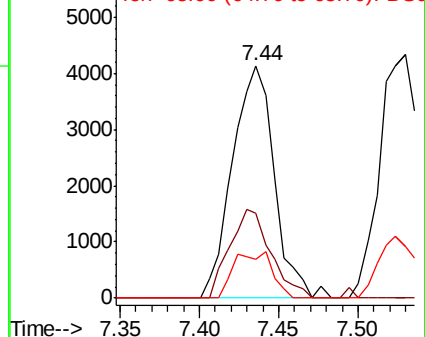
65 16.8 16.4 24.6

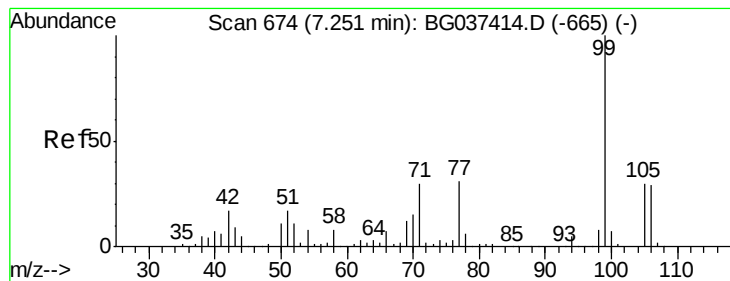


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 146.608 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037458.D

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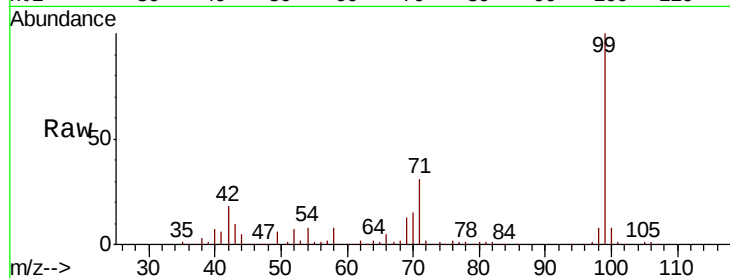
Tgt Ion: 99 Resp: 637319

Ion Ratio Lower Upper

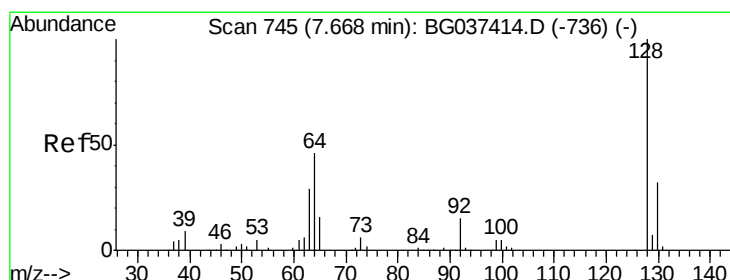
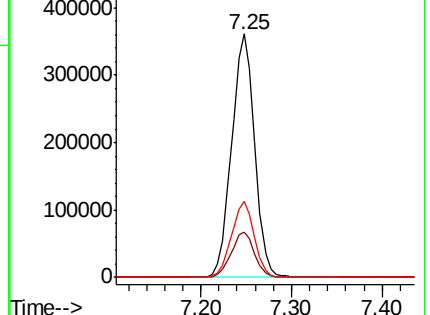
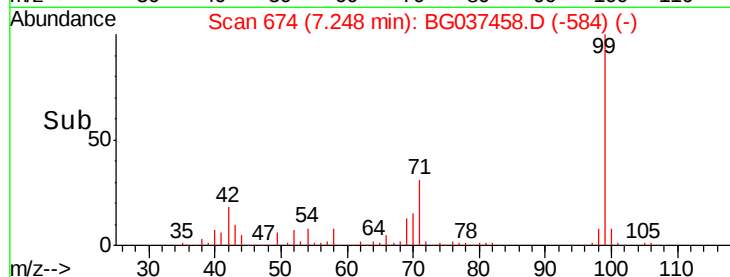
99 100

42 18.5 15.0 22.4

71 31.2 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 2.128 ng

RT: 7.66 min Scan# 745

Delta R.T. -0.00 min

Lab File: BG037458.D

Acq: 19 Oct 2018 17:54

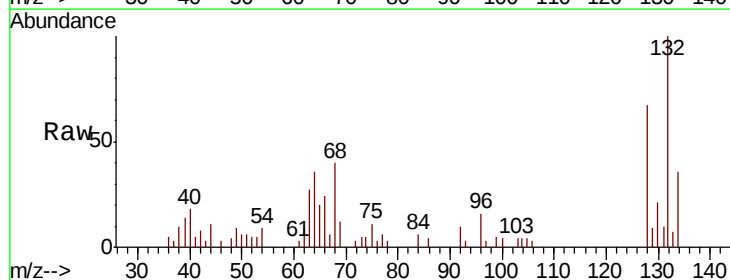
Tgt Ion: 128 Resp: 7156

Ion Ratio Lower Upper

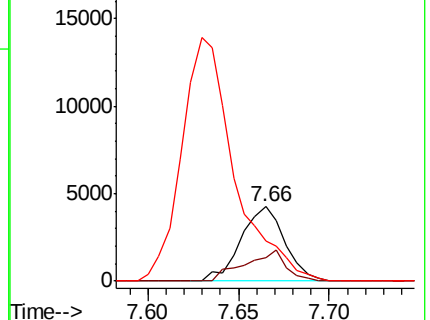
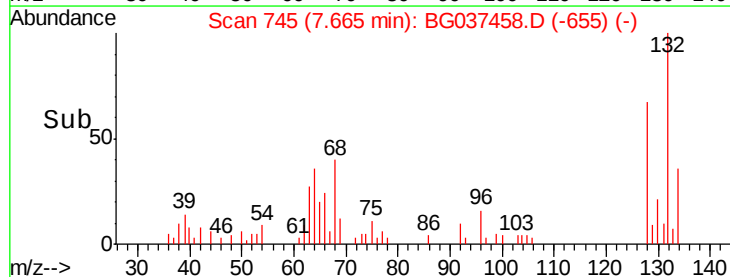
128 100

130 32.1 12.0 52.0

64 53.4 32.9 72.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 2.255 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

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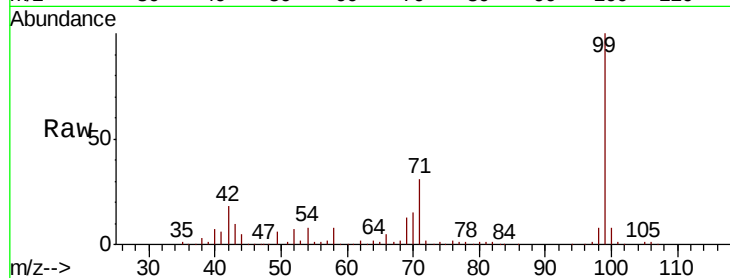
Tgt Ion: 77 Resp: 6131

Ion Ratio Lower Upper

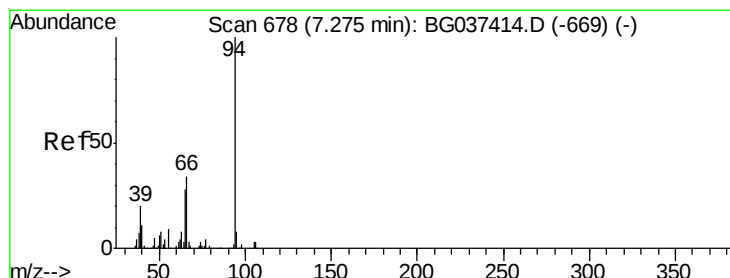
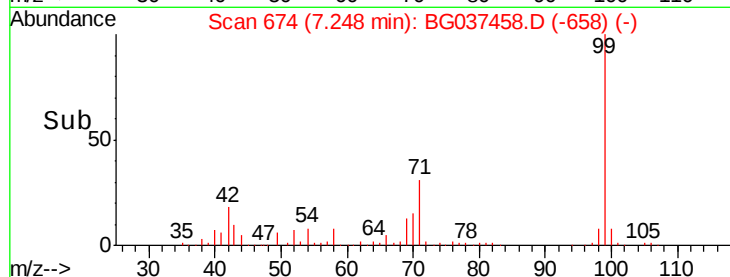
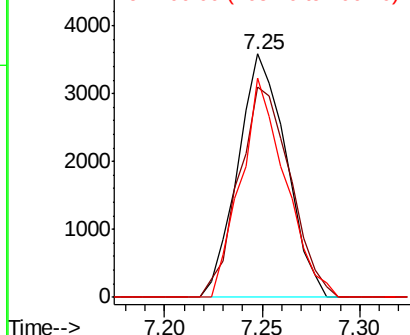
77 100

105 86.3 72.6 112.6

106 90.0 71.3 111.3



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 2.289 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037458.D

Acq: 19 Oct 2018 17:54

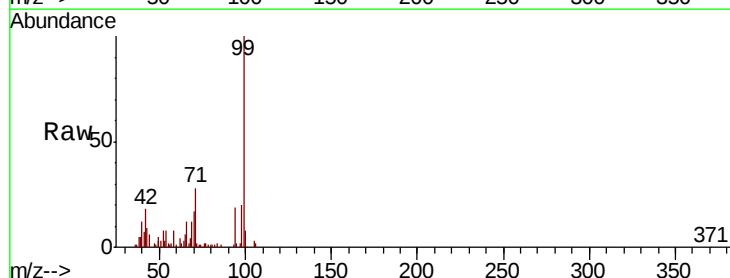
Tgt Ion: 94 Resp: 10501

Ion Ratio Lower Upper

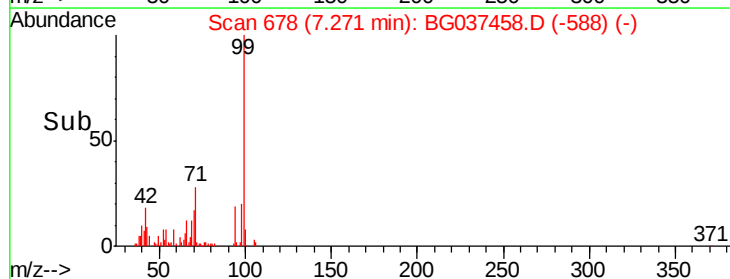
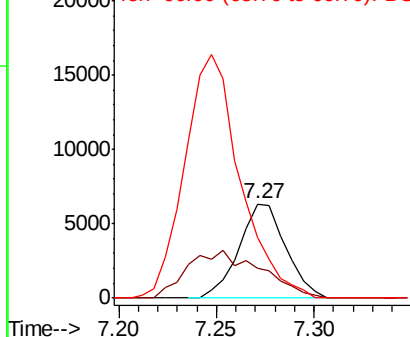
94 100

65 31.8 9.7 49.7

66 64.5 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

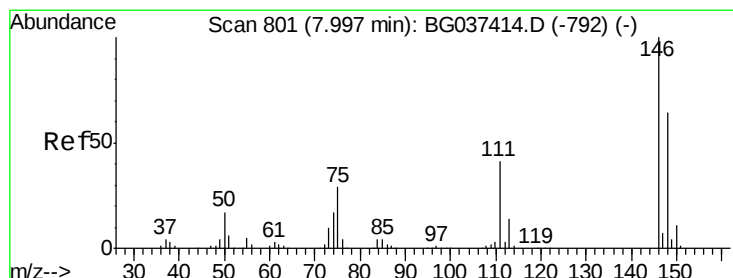
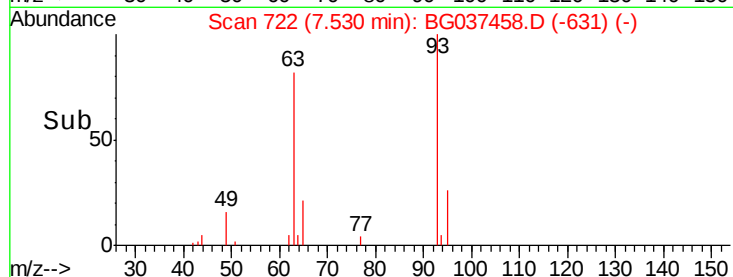
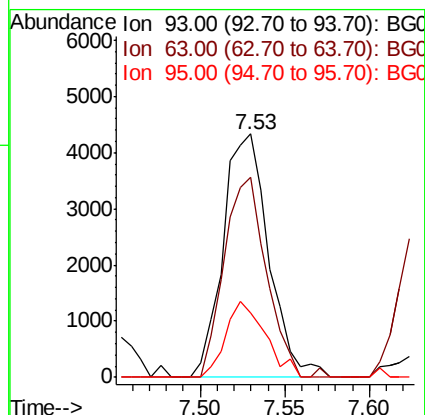
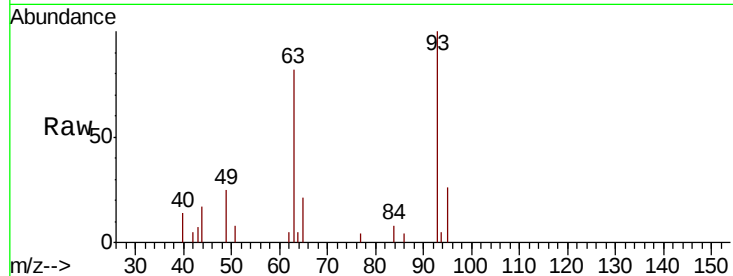




#11
 bis(2-Chloroethyl)ether
 Concen: 2.328 ng
 RT: 7.53 min Scan# 722
 Delta R.T. 0.00 min
 Lab File: BG037458.D
 Acq: 19 Oct 2018 17:54

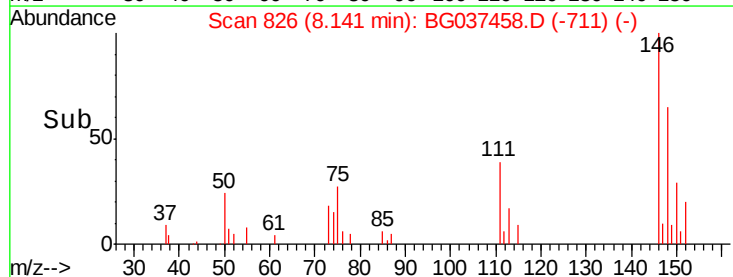
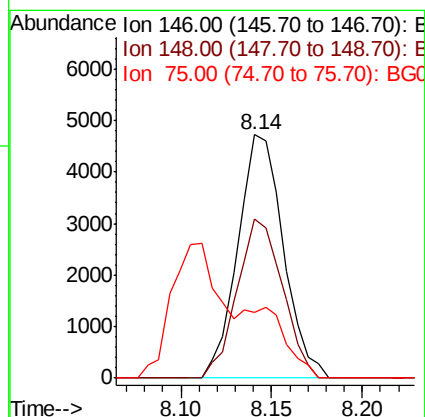
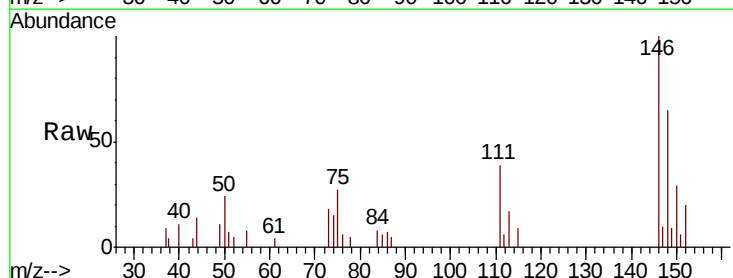
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

Tgt Ion: 93 Resp: 8111
 Ion Ratio Lower Upper
 93 100
 63 82.0 69.5 109.5
 95 26.2 12.6 52.6



#12
 1,3-Dichlorobenzene
 Concen: 2.204 ng
 RT: 8.14 min Scan# 826
 Delta R.T. 0.14 min
 Lab File: BG037458.D
 Acq: 19 Oct 2018 17:54

Tgt Ion: 146 Resp: 8251
 Ion Ratio Lower Upper
 146 100
 148 65.4 49.8 74.8
 75 27.1 23.2 34.8

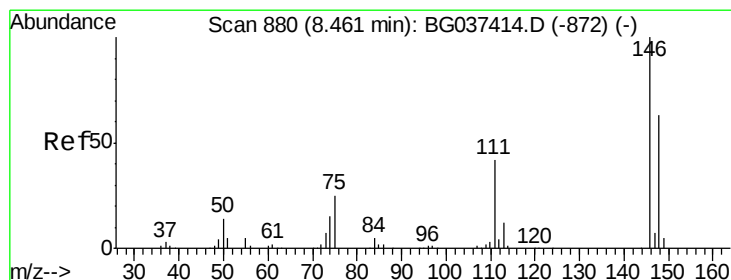
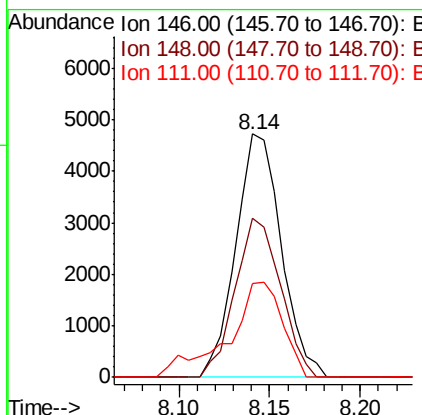
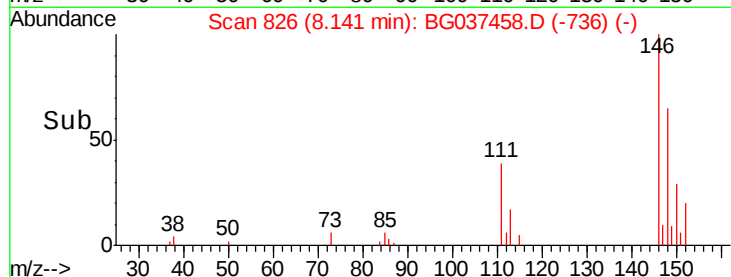
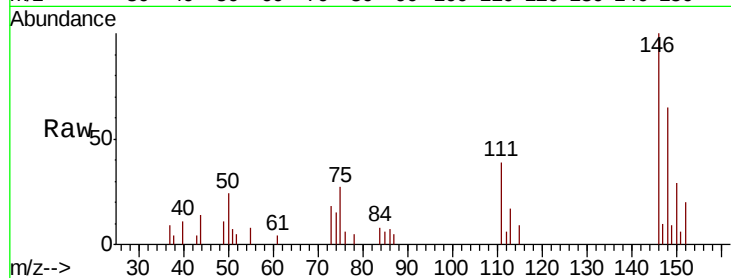




#13
 1,4-Dichlorobenzene
 Concen: 2.154 ng
 RT: 8.14 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BG037458.D
 Acq: 19 Oct 2018 17:54

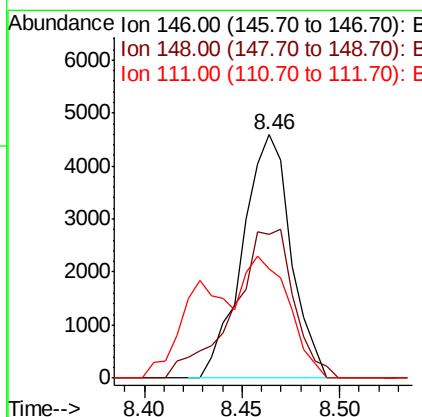
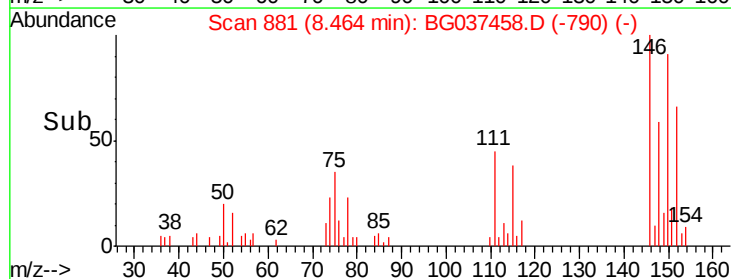
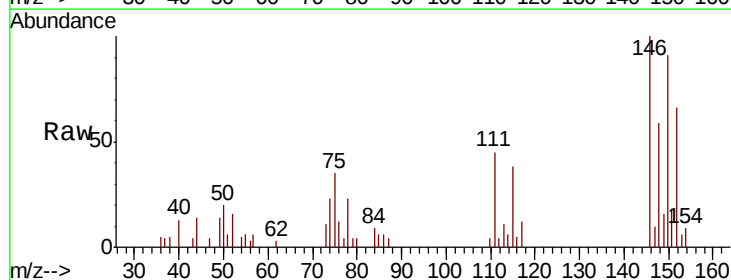
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

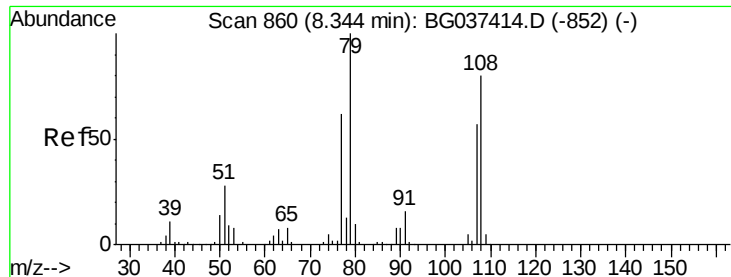
Tgt Ion:146 Resp: 8251
 Ion Ratio Lower Upper
 146 100
 148 65.4 51.0 76.6
 111 38.8 32.4 48.6



#14
 1,2-Dichlorobenzene
 Concen: 2.143 ng
 RT: 8.46 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BG037458.D
 Acq: 19 Oct 2018 17:54

Tgt Ion:146 Resp: 7895
 Ion Ratio Lower Upper
 146 100
 148 59.0 50.4 75.6
 111 44.8 34.6 51.8

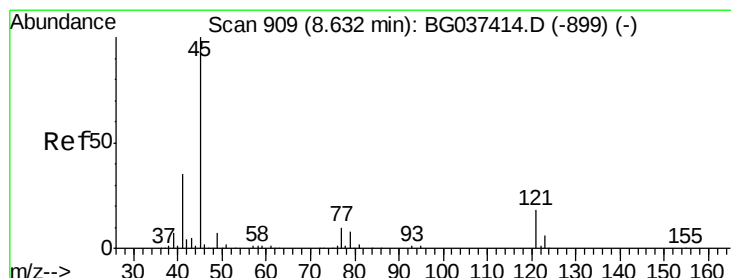
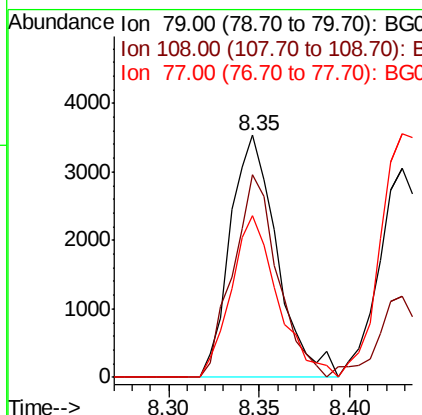
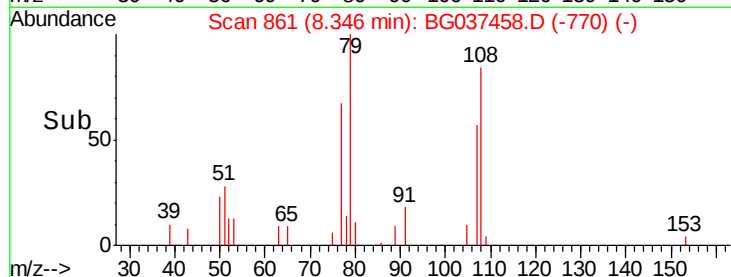
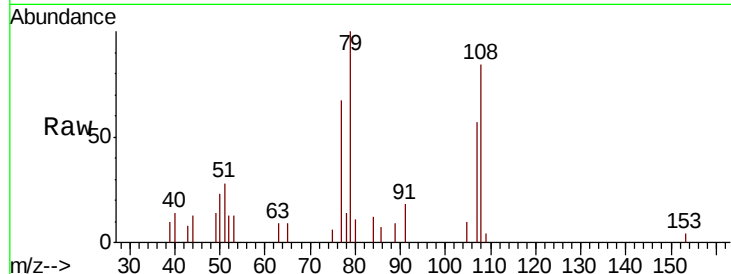




#15
Benzyl Alcohol
Concen: 1.968 ng
RT: 8.35 min Scan# 861
Delta R.T. 0.00 min
Lab File: BG037458.D
Acq: 19 Oct 2018 17:54

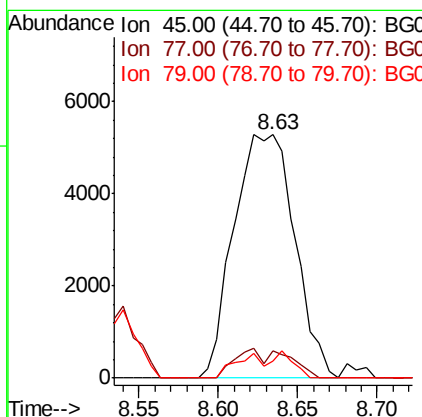
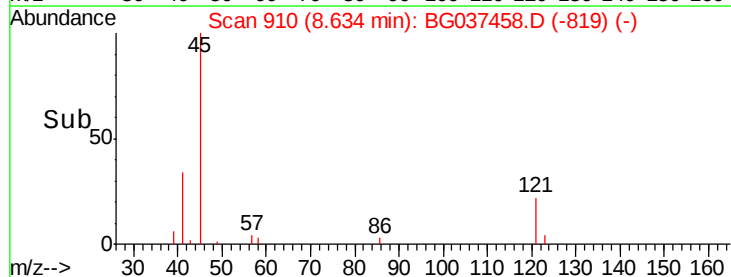
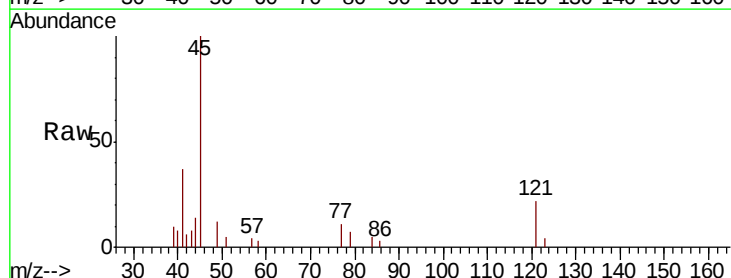
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tgt Ion: 79 Resp: 6322
Ion Ratio Lower Upper
79 100
108 83.8 65.8 98.8
77 66.8 52.9 79.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 2.254 ng
RT: 8.63 min Scan# 910
Delta R.T. 0.00 min
Lab File: BG037458.D
Acq: 19 Oct 2018 17:54

Tgt Ion: 45 Resp: 14048
Ion Ratio Lower Upper
45 100
77 11.0 0.0 30.0
79 6.8 0.0 29.0

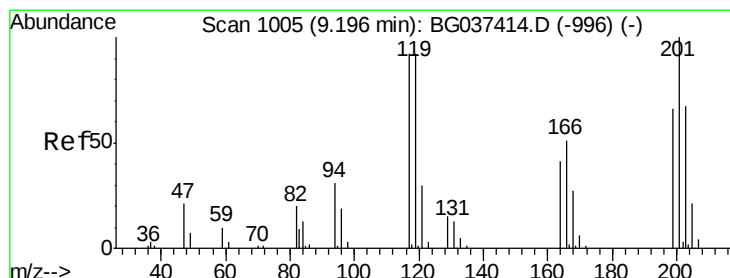
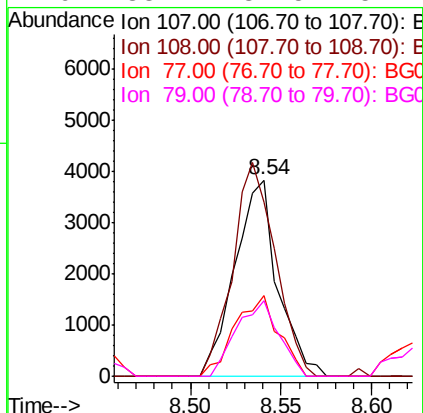
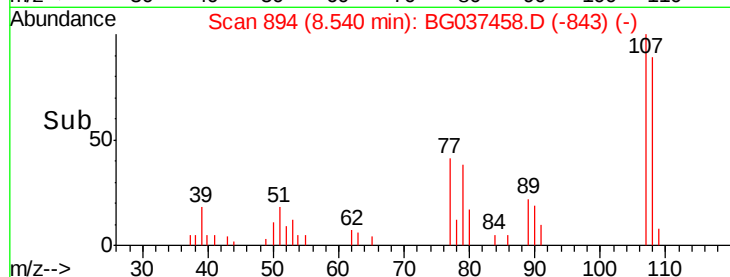
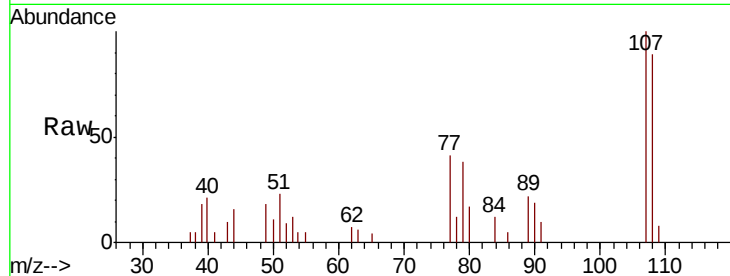




#17
2-Methylphenol
Concen: 2.063 ng
RT: 8.54 min Scan# 894
Delta R.T. 0.00 min
Lab File: BG037458.D
Acq: 19 Oct 2018 17:54

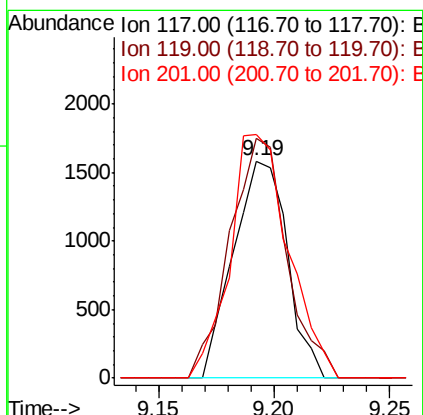
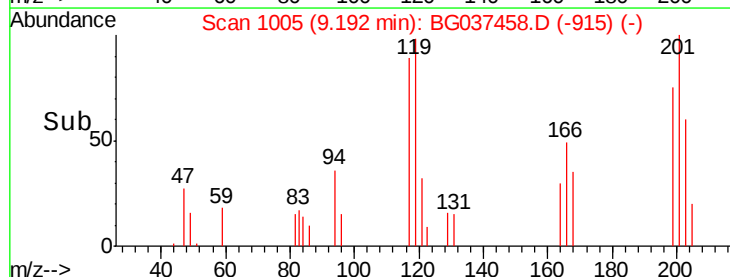
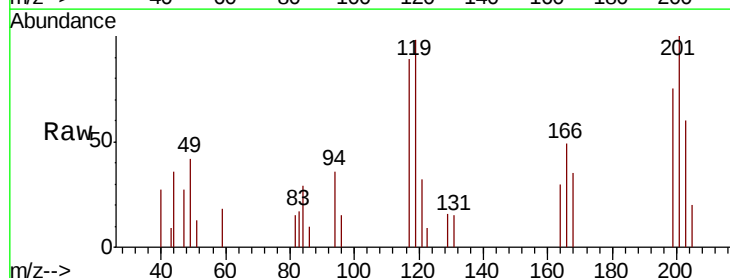
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

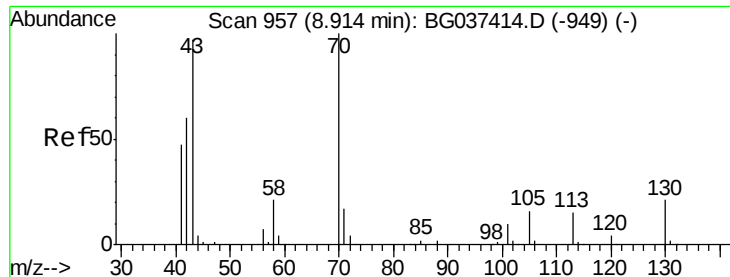
Tgt Ion:	107	Resp:	6255
Ion	Ratio	Lower	Upper
107	100		
108	89.0	87.9	131.9
77	40.8	35.1	52.7
79	38.4	34.5	51.7



#18
Hexachloroethane
Concen: 1.975 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BG037458.D
Acq: 19 Oct 2018 17:54

Tgt Ion:	117	Resp:	2579
Ion	Ratio	Lower	Upper
117	100		
119	110.5	74.6	111.8
201	112.3	80.8	121.2

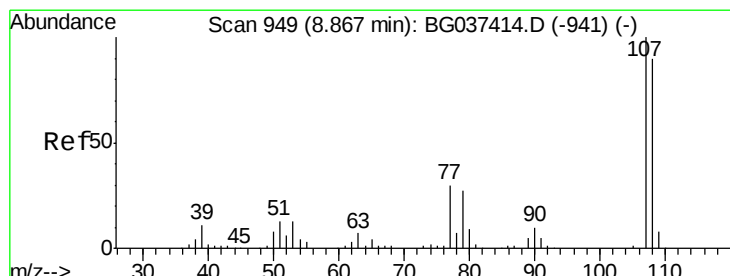
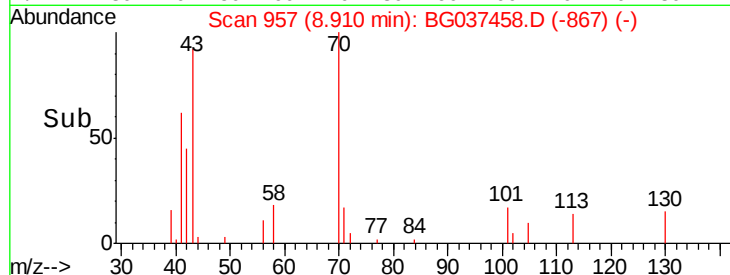
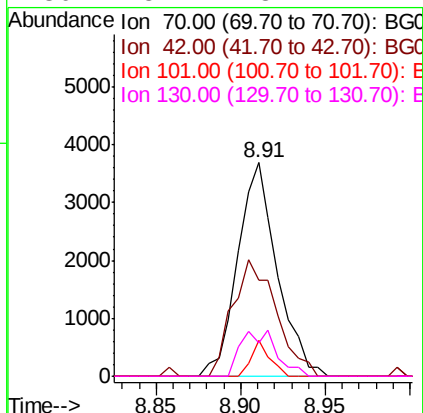
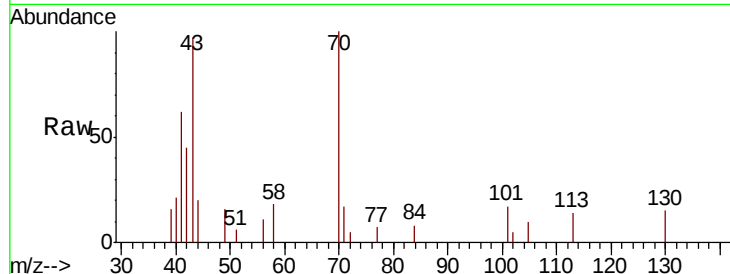




#19
n-Nitroso-di-n-propylamine
Concen: 1.997 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG037458.D
Acq: 19 Oct 2018 17:54

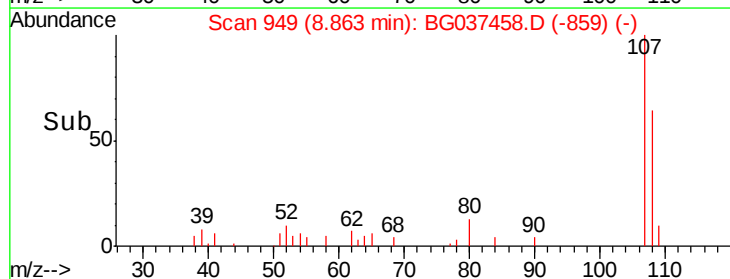
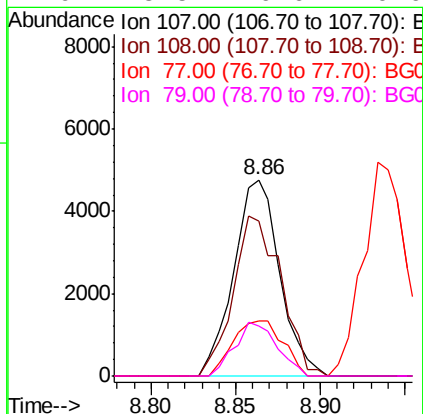
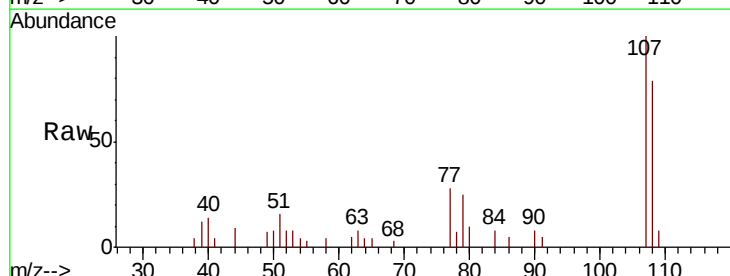
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

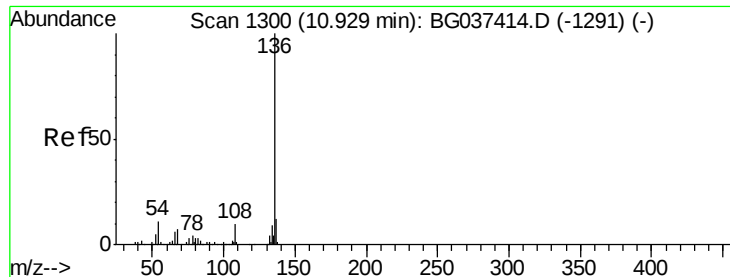
Tgt Ion: 70 Resp: 5979
Ion Ratio Lower Upper
70 100
42 45.1 53.9 80.9#
101 16.8 8.2 12.2#
130 15.4 18.2 27.4#



#20
3+4-Methylphenols
Concen: 2.083 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG037458.D
Acq: 19 Oct 2018 17:54

Tgt Ion: 107 Resp: 9032
Ion Ratio Lower Upper
107 100
108 79.2 69.9 109.9
77 28.3 11.2 51.2
79 25.5 6.6 46.6

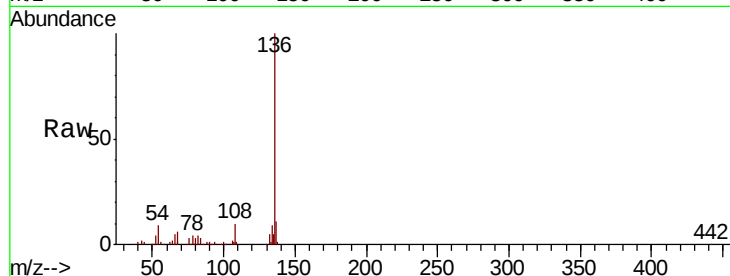




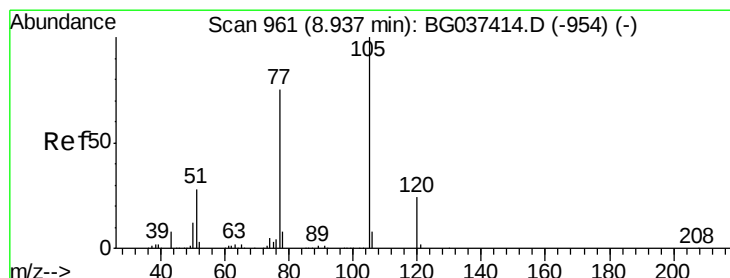
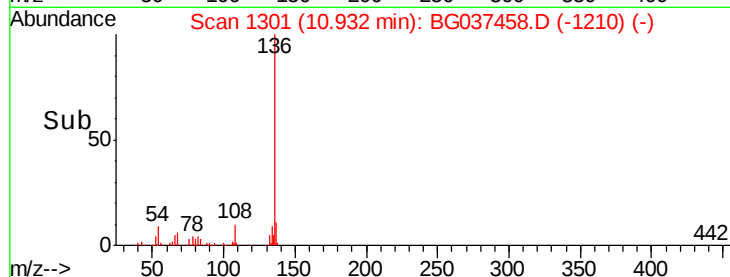
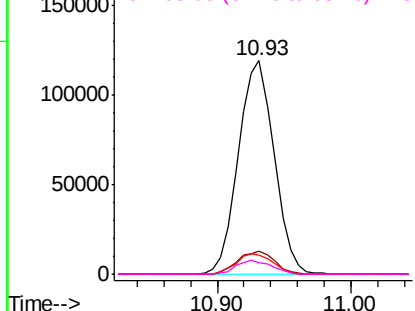
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BG037458.D
Acq: 19 Oct 2018 17:54

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

Tgt Ion:	136	Resp:	220515
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.6	14.4
54	8.9	7.9	11.9
68	5.6	4.8	7.2

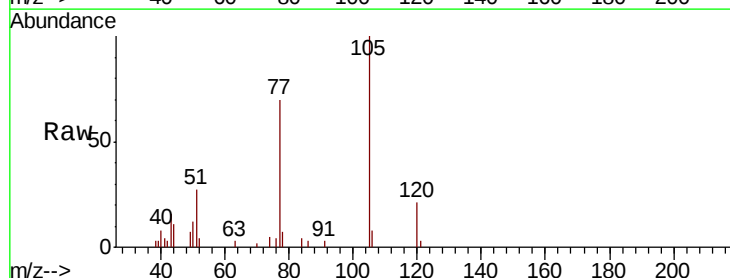


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

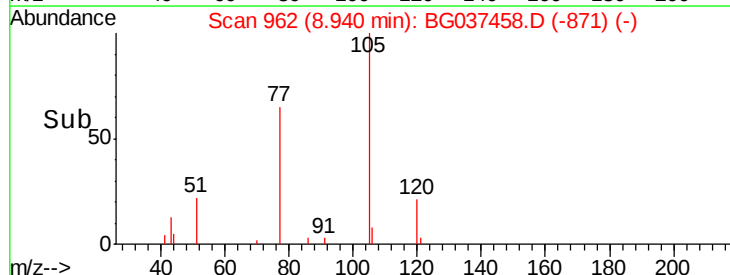
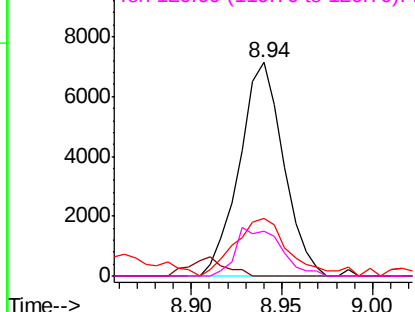


#22
Acetophenone
Concen: 2.176 ng
RT: 8.94 min Scan# 962
Delta R.T. 0.00 min
Lab File: BG037458.D
Acq: 19 Oct 2018 17:54

Tgt Ion:	105	Resp:	12033
Ion	Ratio	Lower	Upper
105	100		
71	0.0	1.2	1.8#
51	27.3	25.0	37.6
120	20.9	18.6	28.0



Abundance Ion 105.00 (104.70 to 105.70): E
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

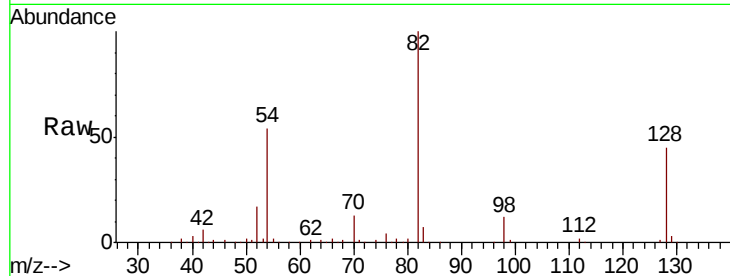




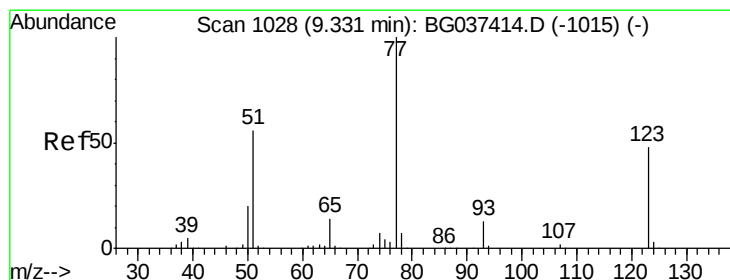
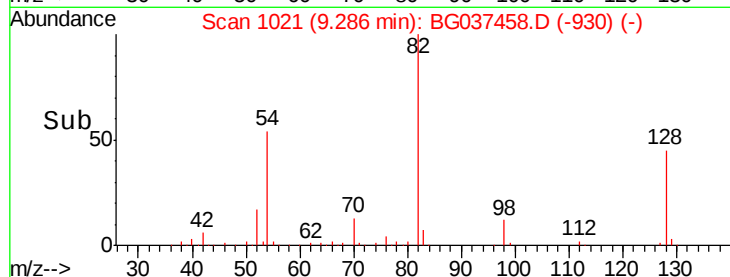
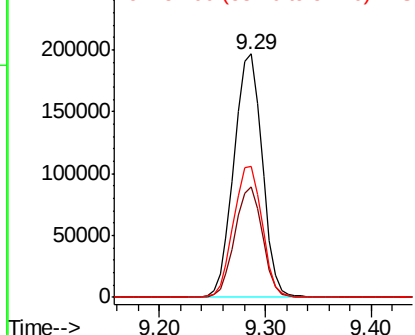
#23
 Nitrobenzene-d5
 Concen: 92.893 ng
 RT: 9.29 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BG037458.D
 Acq: 19 Oct 2018 17:54

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

Tgt Ion: 82 Resp: 365669
 Ion Ratio Lower Upper
 82 100
 128 45.3 34.6 51.8
 54 53.9 45.3 67.9

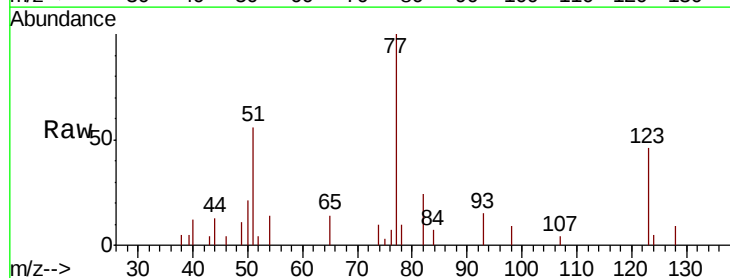


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

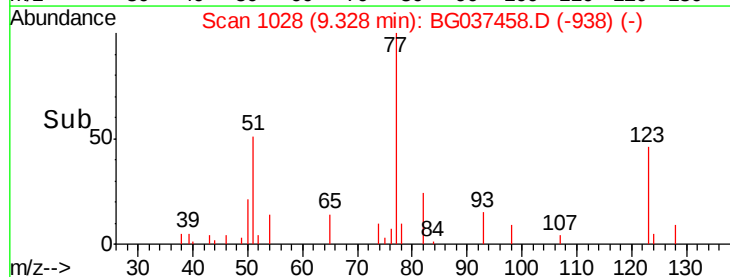
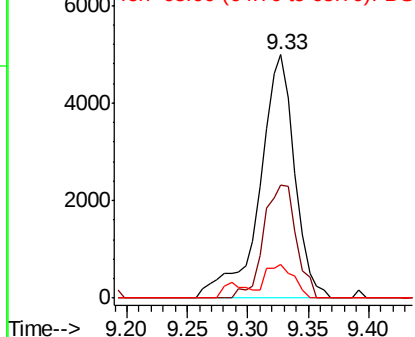


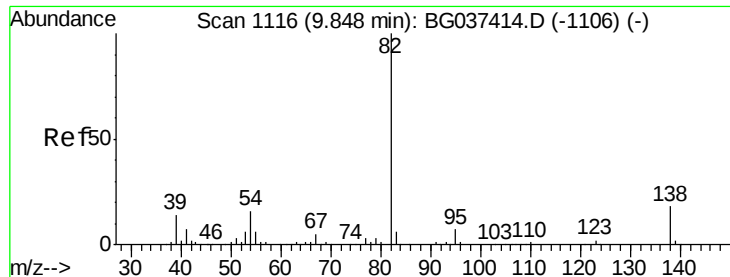
#24
 Nitrobenzene
 Concen: 2.456 ng
 RT: 9.33 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BG037458.D
 Acq: 19 Oct 2018 17:54

Tgt Ion: 77 Resp: 10043
 Ion Ratio Lower Upper
 77 100
 123 46.2 33.6 50.4
 65 13.8 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

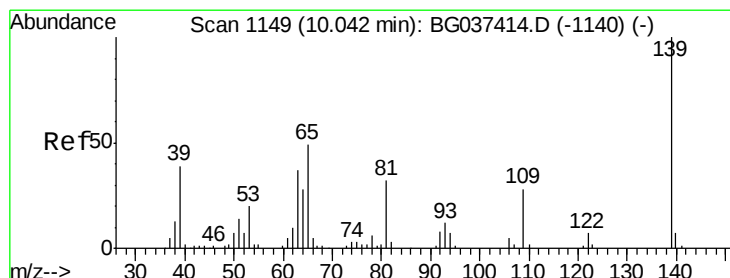
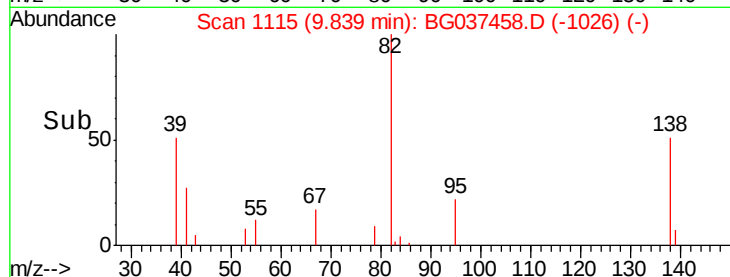
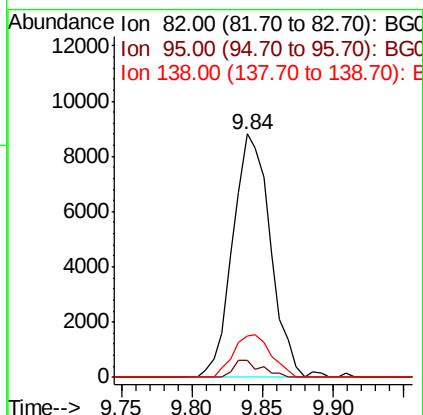
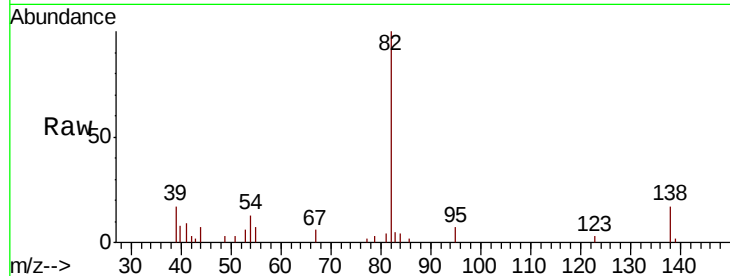




#25
Isophorone
Concen: 2.288 ng
RT: 9.84 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BG037458.D
Acq: 19 Oct 2018 17:54

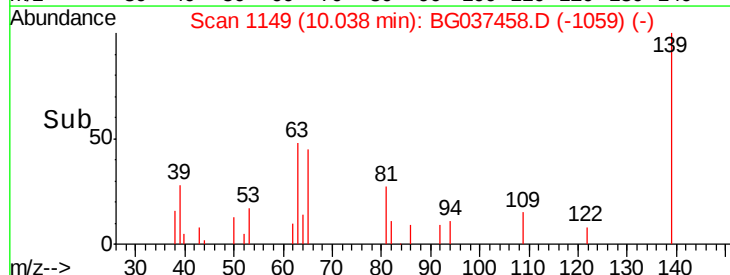
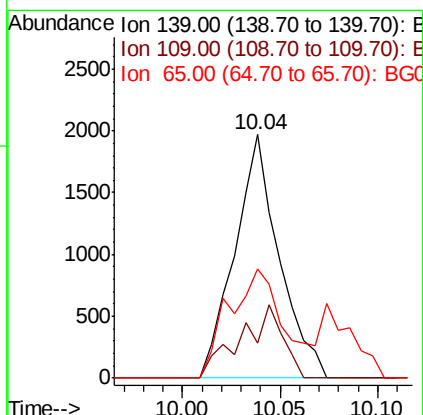
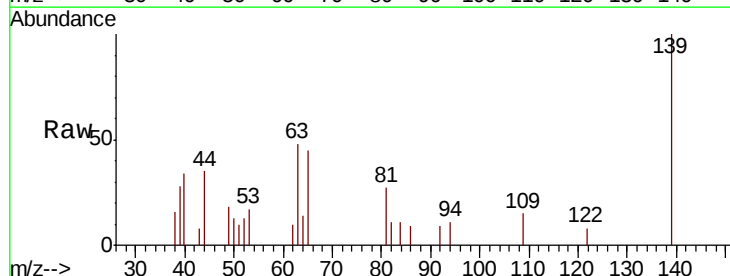
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

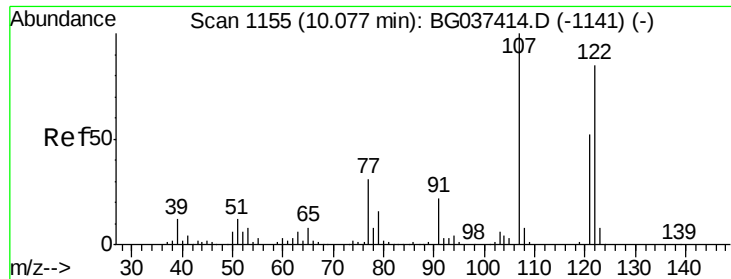
Tgt Ion: 82 Resp: 16459
Ion Ratio Lower Upper
82 100
95 7.2 5.3 7.9
138 16.8 13.3 19.9



#26
2-Nitrophenol
Concen: 1.679 ng
RT: 10.04 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BG037458.D
Acq: 19 Oct 2018 17:54

Tgt Ion: 139 Resp: 3094
Ion Ratio Lower Upper
139 100
109 14.5 23.3 34.9#
65 44.8 39.8 59.8

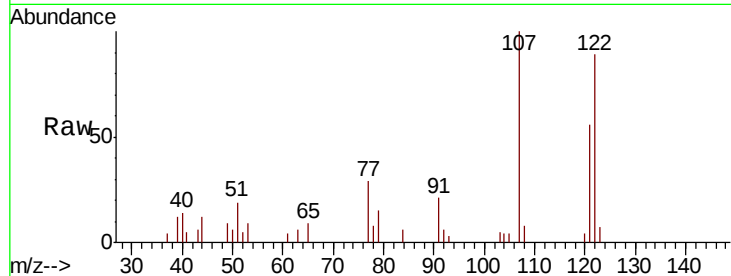




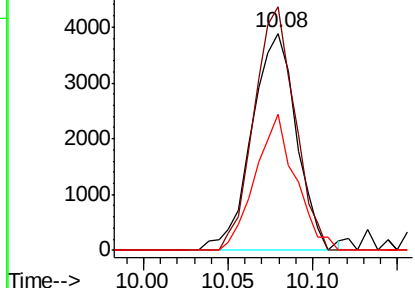
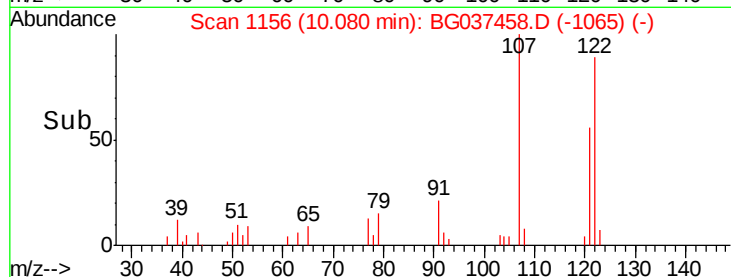
#27
2,4-Dimethylphenol
Concen: 2.169 ng
RT: 10.08 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BG037458.D
Acq: 19 Oct 2018 17:54

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

Tgt Ion: 122 Resp: 7133
Ion Ratio Lower Upper
122 100
107 112.2 94.2 141.2
121 62.6 47.3 70.9

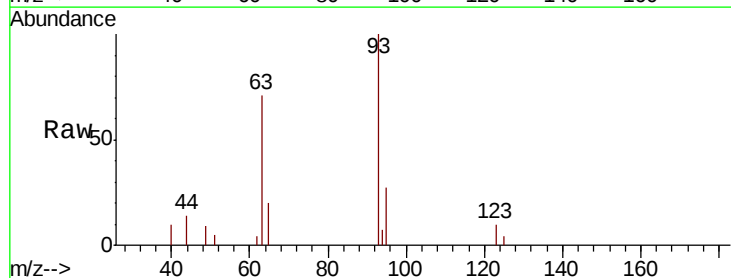


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

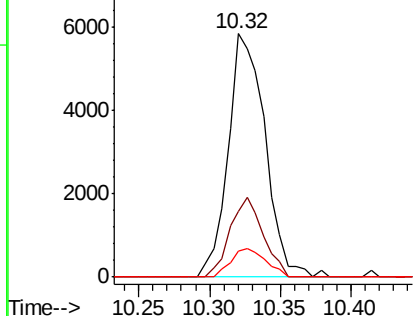
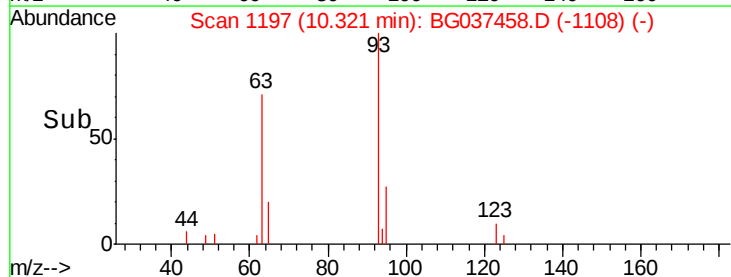


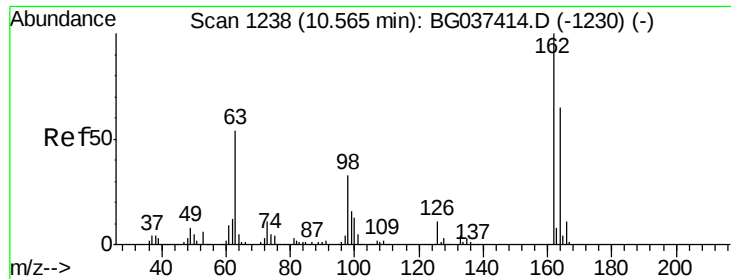
#28
bis(2-Chloroethoxy)methane
Concen: 2.257 ng
RT: 10.32 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BG037458.D
Acq: 19 Oct 2018 17:54

Tgt Ion: 93 Resp: 10635
Ion Ratio Lower Upper
93 100
95 27.1 24.6 37.0
123 10.5 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

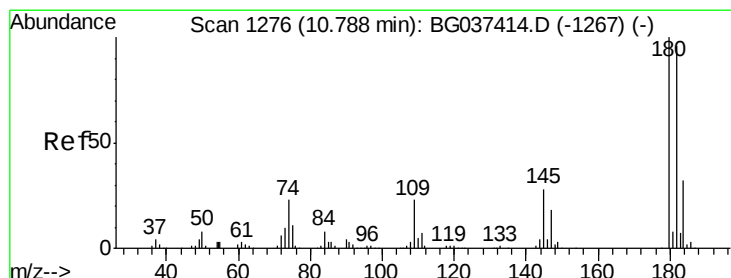
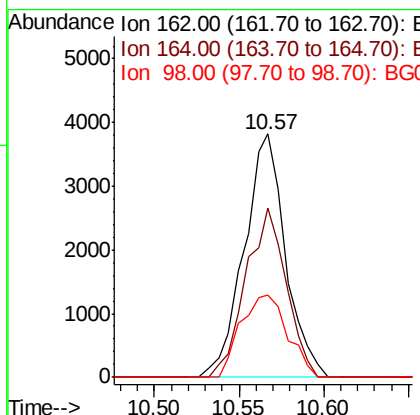
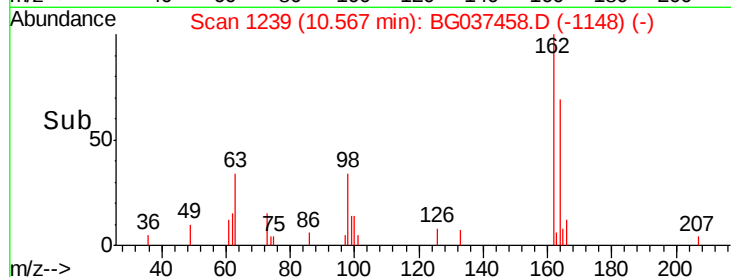
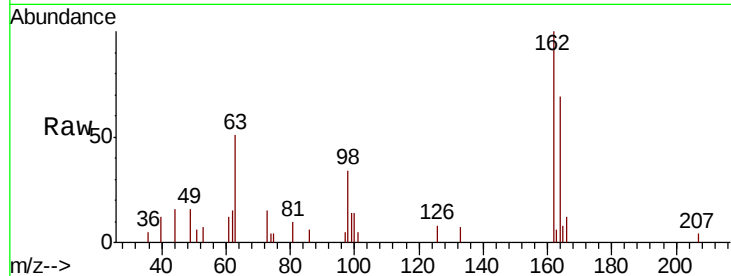




#29
 2,4-Dichlorophenol
 Concen: 1.777 ng
 RT: 10.57 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: BG037458.D
 Acq: 19 Oct 2018 17:54

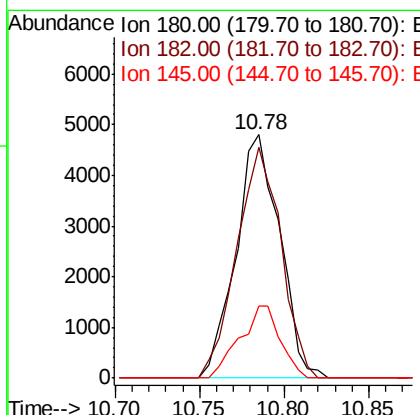
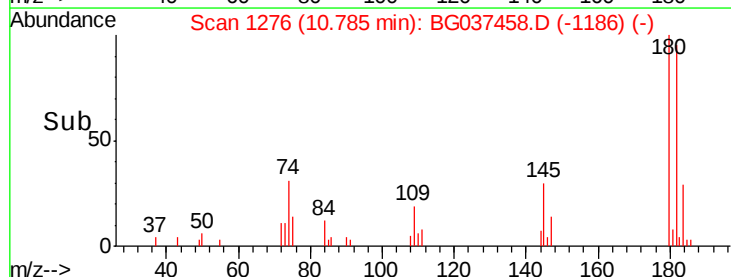
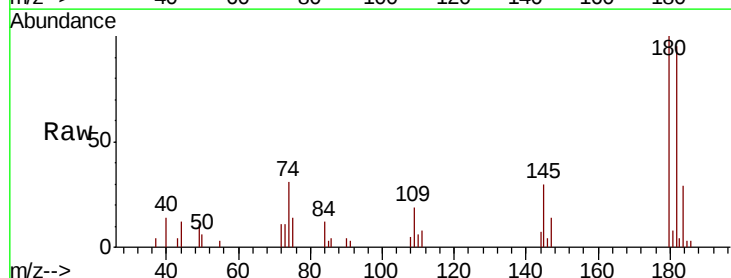
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

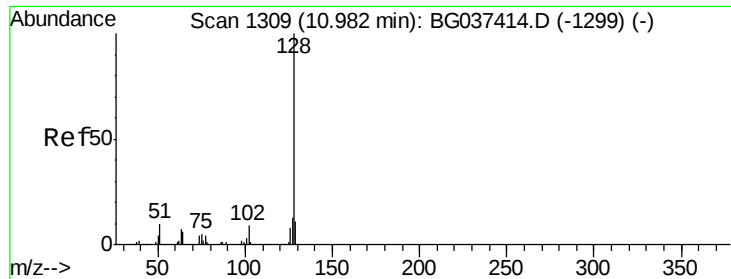
Tgt Ion:162 Resp: 6509
 Ion Ratio Lower Upper
 162 100
 164 69.3 43.2 83.2
 98 33.9 16.0 56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 2.174 ng
 RT: 10.78 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: BG037458.D
 Acq: 19 Oct 2018 17:54

Tgt Ion:180 Resp: 8660
 Ion Ratio Lower Upper
 180 100
 182 99.3 77.7 116.5
 145 29.6 23.3 34.9

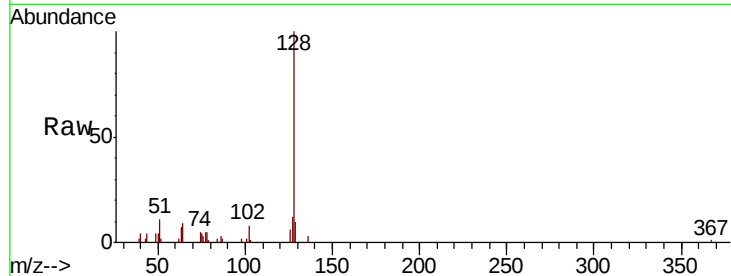




#31
Naphthalene
Concen: 2.493 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG037458.D
Acq: 19 Oct 2018 17:54

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

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.3	9.0	13.6
127	12.1	11.1	16.7

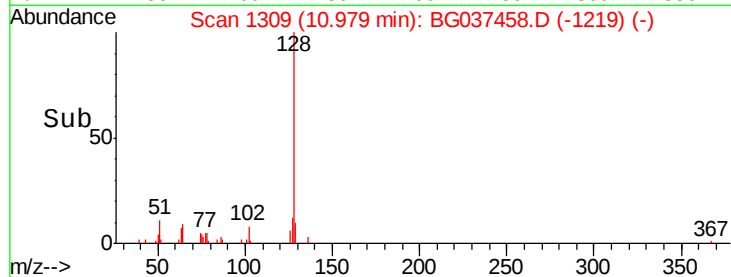
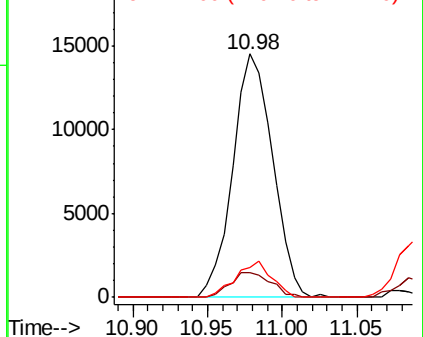


Abundance

Ion 128.00 (127.70 to 128.70): E

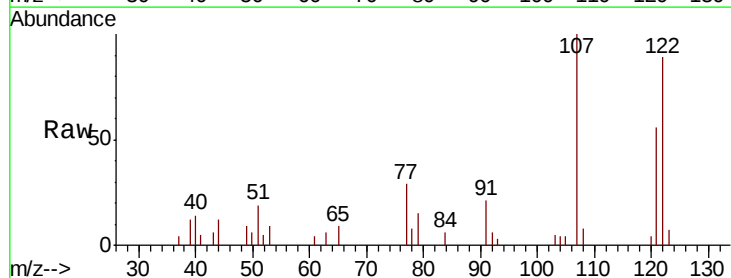
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 3.339 ng
RT: 10.08 min Scan# 1156
Delta R.T. -0.13 min
Lab File: BG037458.D
Acq: 19 Oct 2018 17:54

Tgt Ion	Ratio	Lower	Upper
122	100		
105	4.7	106.7	146.7#
77	32.2	72.2	112.2#

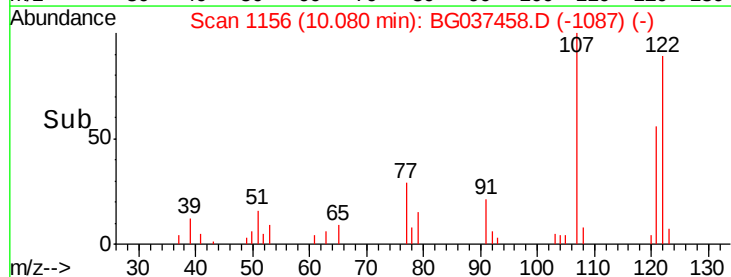
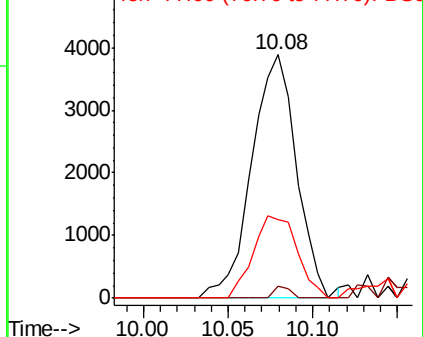


Abundance

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

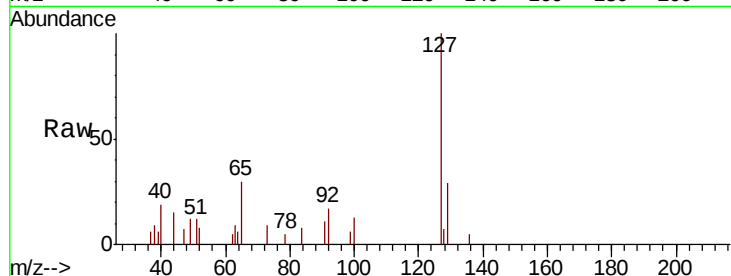




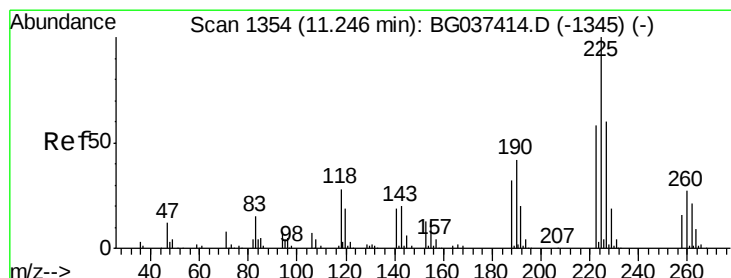
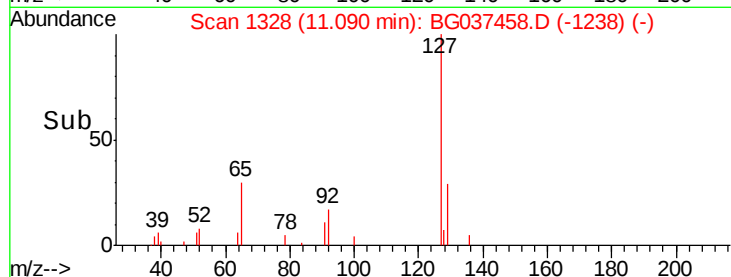
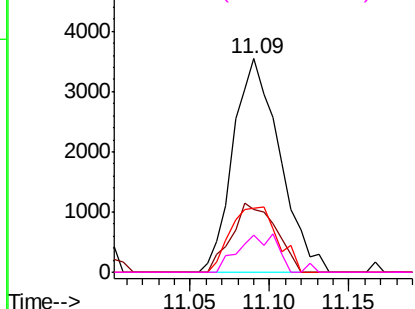
#33
4-Chloroaniline
Concen: 1.425 ng
RT: 11.09 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BG037458.D
Acq: 19 Oct 2018 17:54

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

Tgt Ion:	127	Resp:	7254
Ion	Ratio	Lower	Upper
127	100		
129	29.4	27.1	40.7
65	30.0	26.6	39.8
92	17.4	16.4	24.6

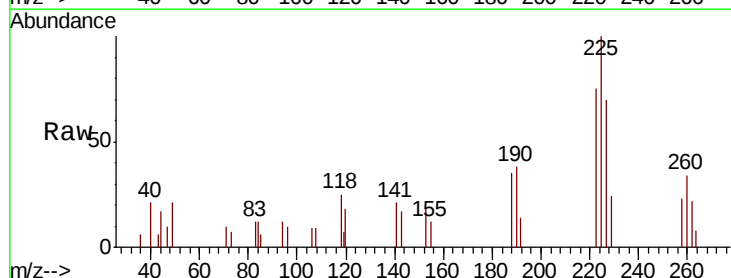


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

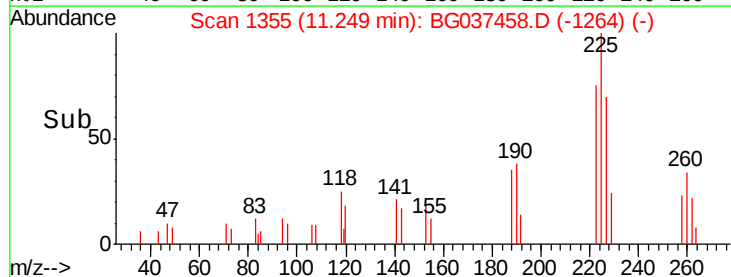
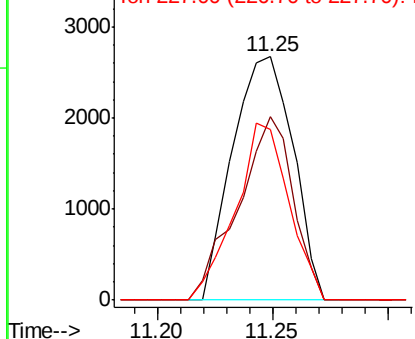


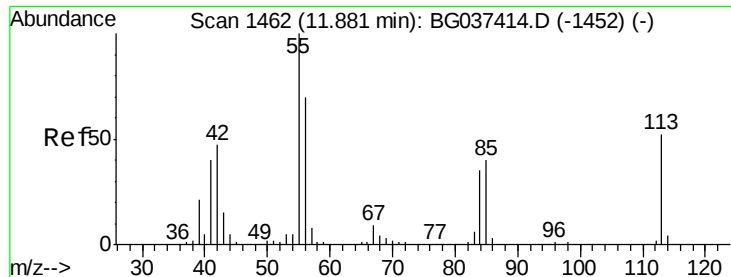
#34
Hexachlorobutadiene
Concen: 2.063 ng
RT: 11.25 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BG037458.D
Acq: 19 Oct 2018 17:54

Tgt Ion:	225	Resp:	4870
Ion	Ratio	Lower	Upper
225	100		
223	75.3	48.2	72.4#
227	70.3	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: 1.435 ng

RT: 11.85 min Scan# 1458

Delta R.T. -0.03 min

Lab File: BG037458.D

Acq: 19 Oct 2018 17:54

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

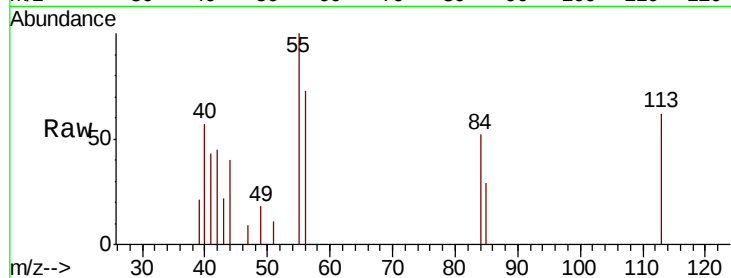
Tgt Ion:113 Resp: 2108

Ion Ratio Lower Upper

113 100

55 160.4 176.6 216.6#

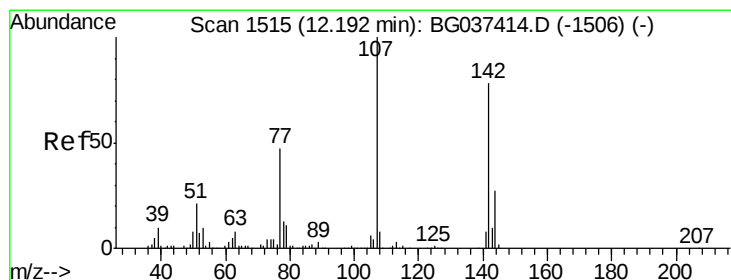
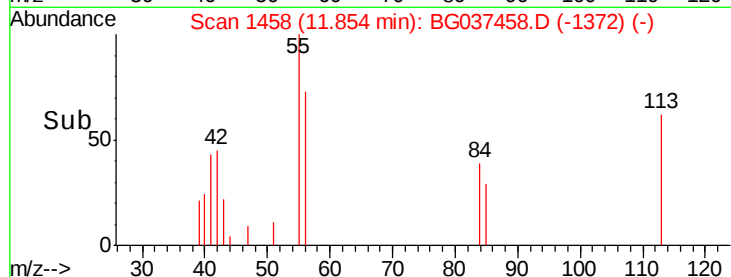
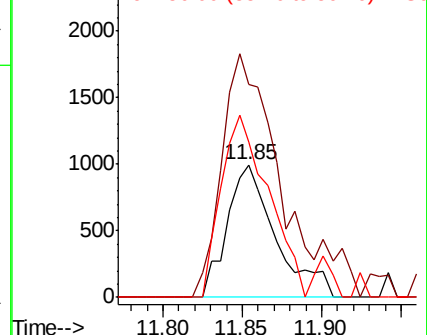
56 117.2 128.3 168.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 1.869 ng

RT: 12.19 min Scan# 1515

Delta R.T. -0.00 min

Lab File: BG037458.D

Acq: 19 Oct 2018 17:54

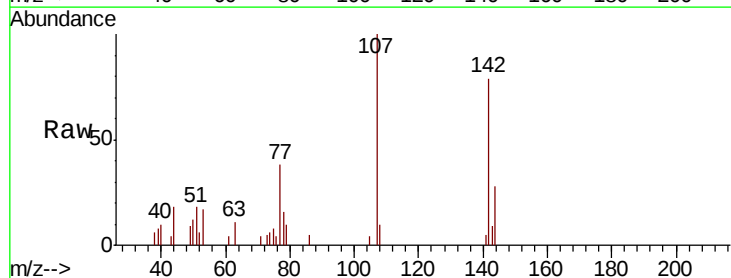
Tgt Ion:107 Resp: 7719

Ion Ratio Lower Upper

107 100

144 28.0 20.7 31.1

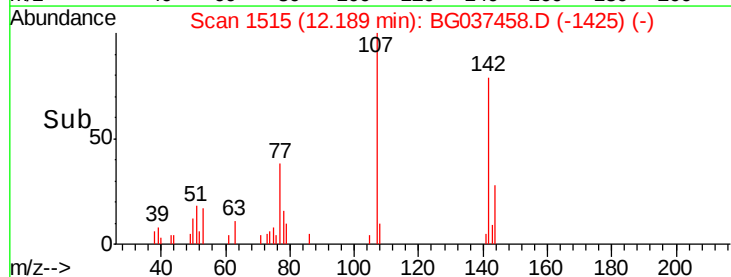
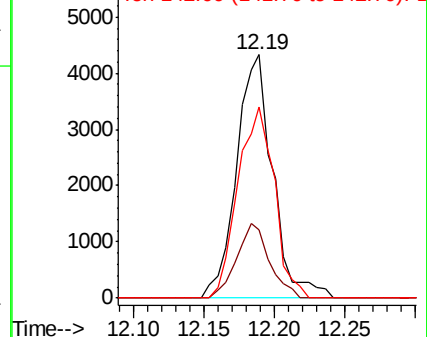
142 78.8 64.4 96.6



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

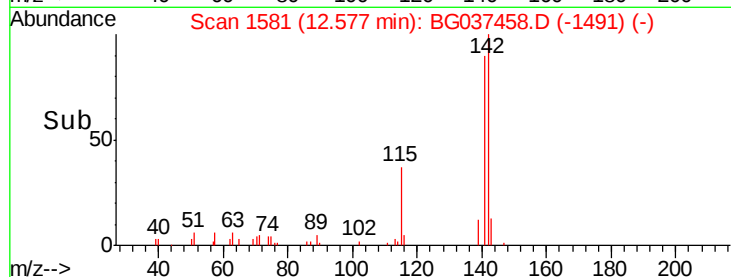
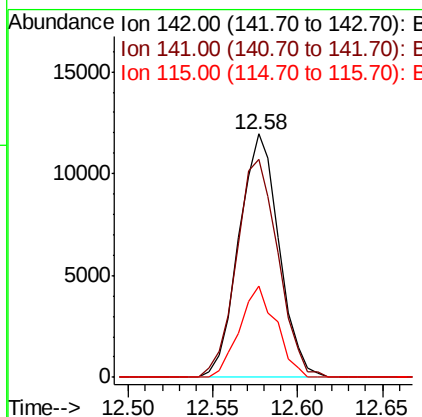
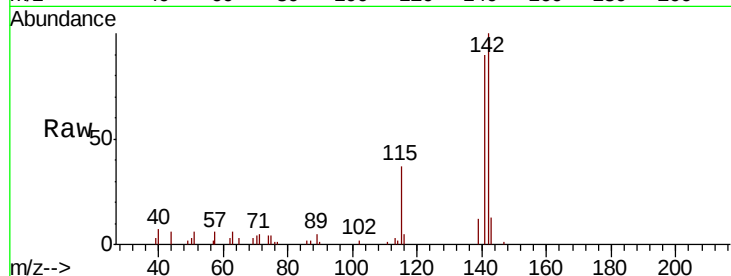




#37
2-Methylnaphthalene
Concen: 2.492 ng
RT: 12.58 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BG037458.D
Acq: 19 Oct 2018 17:54

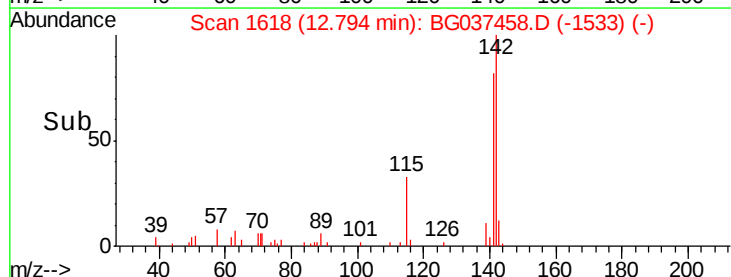
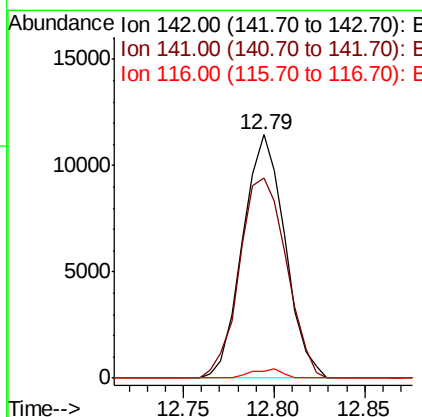
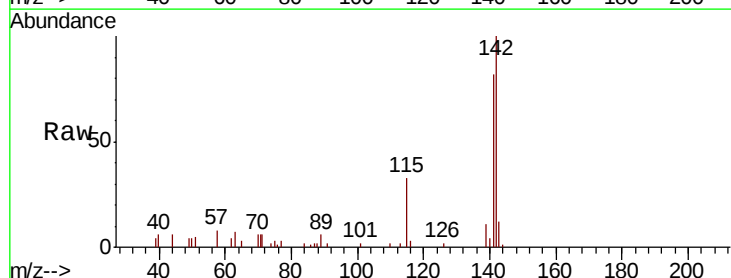
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

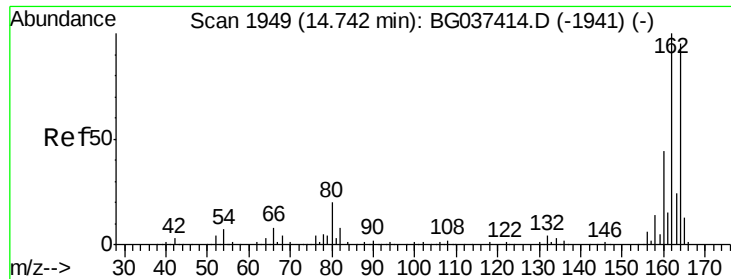
Tgt Ion:142 Resp: 19679
Ion Ratio Lower Upper
142 100
141 89.7 71.9 107.9
115 37.4 27.8 41.8



#38
1-Methylnaphthalene
Concen: 2.432 ng
RT: 12.79 min Scan# 1618
Delta R.T. -0.00 min
Lab File: BG037458.D
Acq: 19 Oct 2018 17:54

Tgt Ion:142 Resp: 18645
Ion Ratio Lower Upper
142 100
141 82.3 75.2 112.8
116 3.0 3.3 4.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG037458.D

Acq: 19 Oct 2018 17:54

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

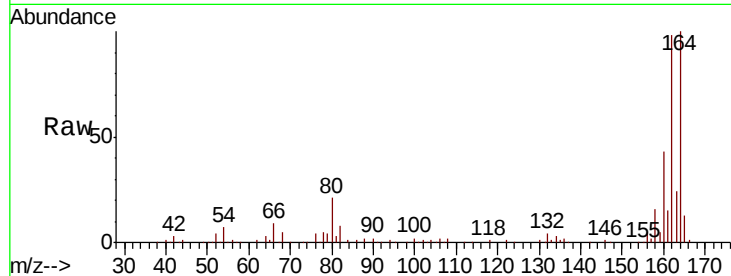
Tgt Ion:164 Resp: 146543

Ion Ratio Lower Upper

164 100

162 97.7 81.3 121.9

160 43.5 36.3 54.5

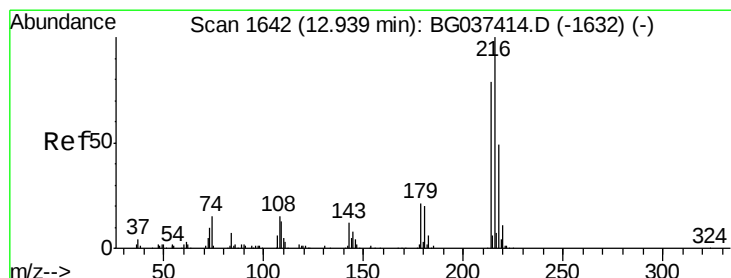
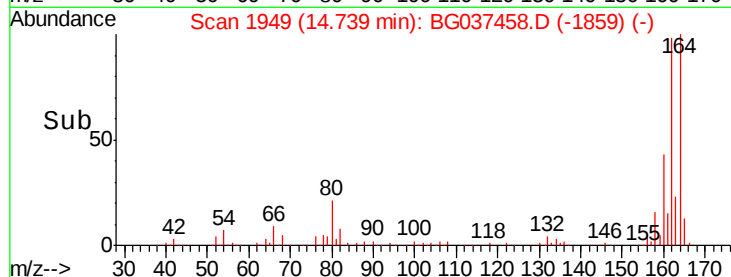
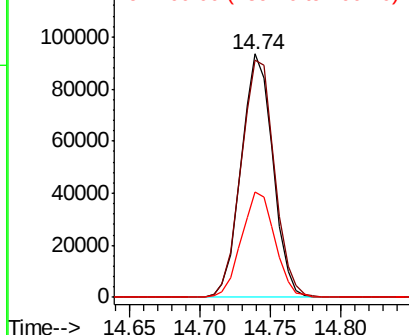


Abundance

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: 2.201 ng

RT: 12.94 min Scan# 1642

Delta R.T. -0.00 min

Lab File: BG037458.D

Acq: 19 Oct 2018 17:54

Tgt Ion:216 Resp: 10403

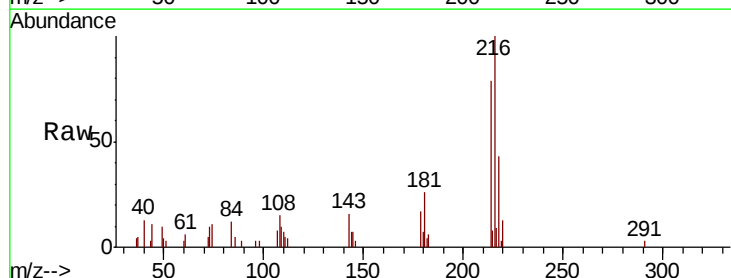
Ion Ratio Lower Upper

216 100

214 81.6 63.8 95.6

179 19.3 17.4 26.0

108 17.7 13.9 20.9



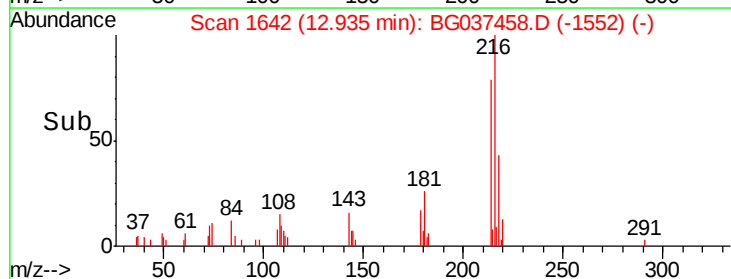
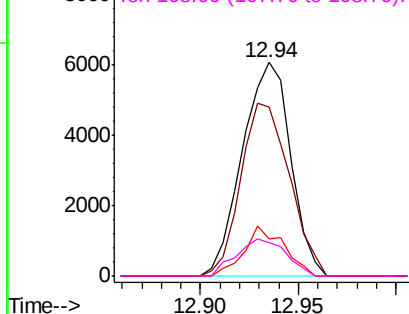
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 1.974 ng

RT: 12.91 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BG037458.D

Acq: 19 Oct 2018 17:54

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

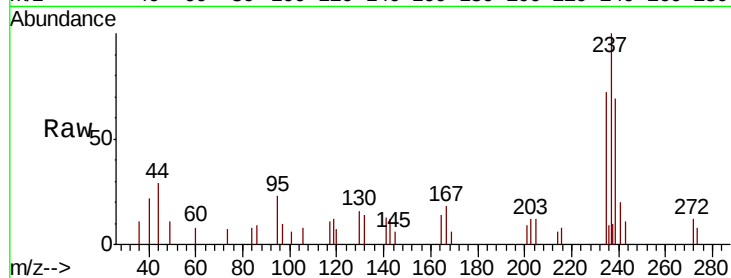
Tgt Ion: 237 Resp: 4458

Ion Ratio Lower Upper

237 100

235 80.8 42.5 82.5

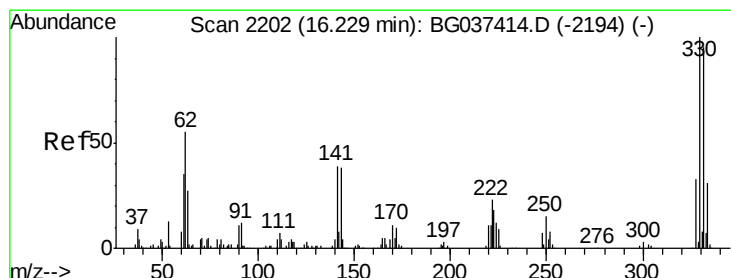
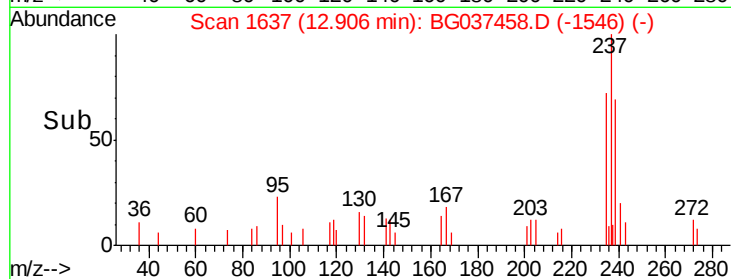
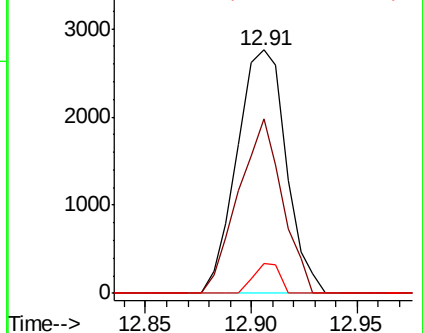
272 12.2 0.0 31.6



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: 150.328 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037458.D

Acq: 19 Oct 2018 17:54

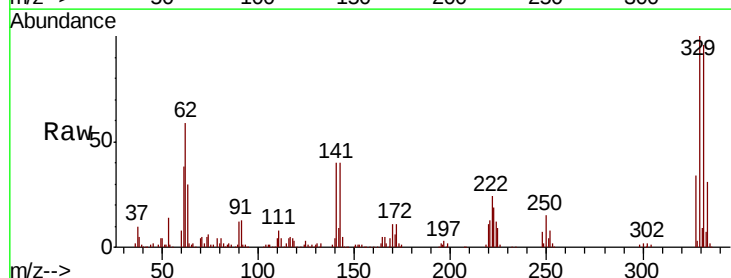
Tgt Ion: 330 Resp: 240274

Ion Ratio Lower Upper

330 100

332 97.3 78.4 117.6

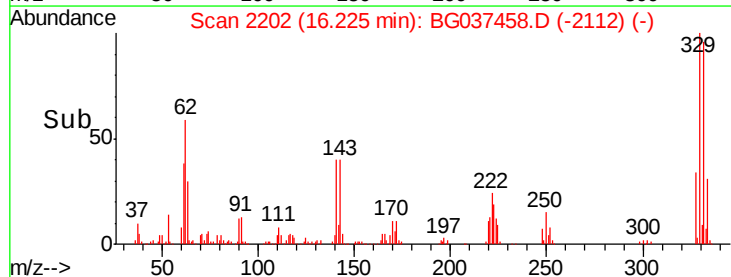
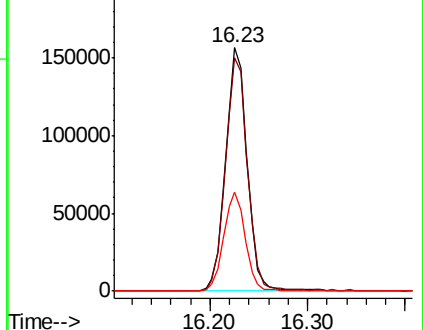
141 40.6 32.2 48.2



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

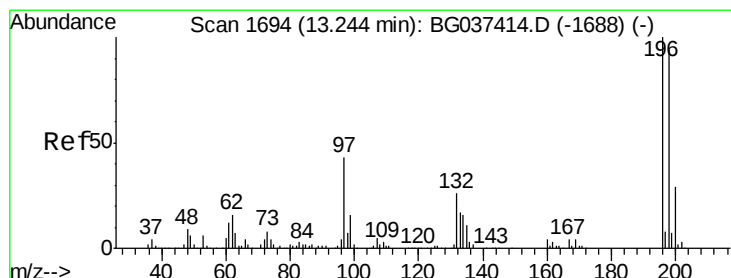
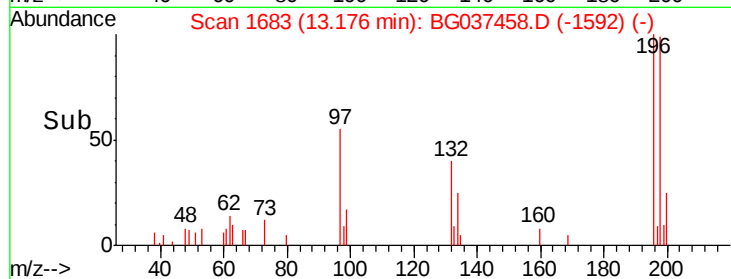
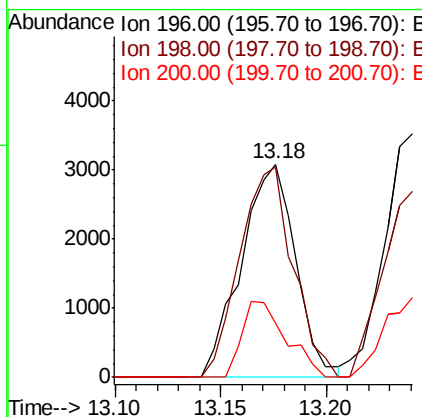
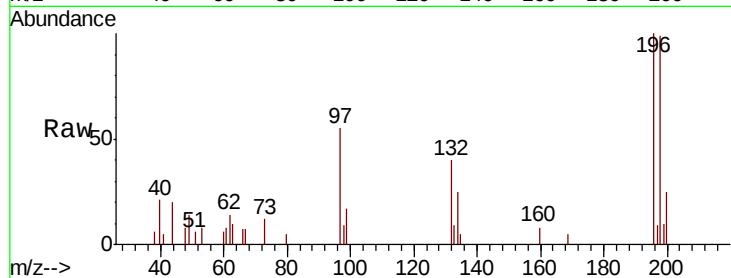




#43
 2,4,6-Trichlorophenol
 Concen: 1.744 ng
 RT: 13.18 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: BG037458.D
 Acq: 19 Oct 2018 17:54

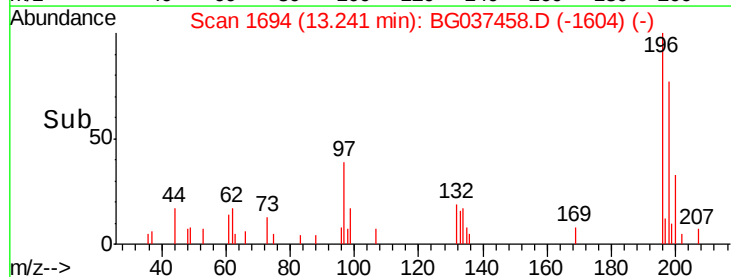
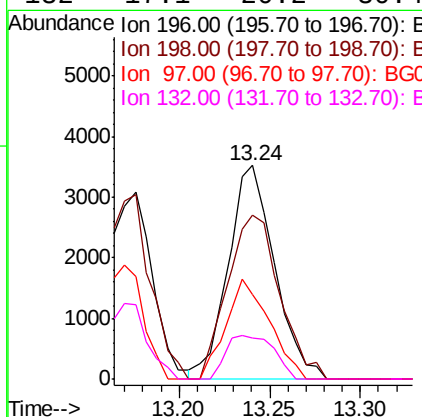
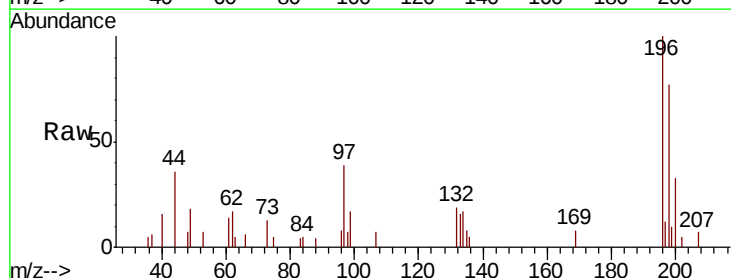
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

Tgt Ion:196 Resp: 5508
 Ion Ratio Lower Upper
 196 100
 198 98.6 76.4 114.6
 200 25.3 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 1.818 ng
 RT: 13.24 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BG037458.D
 Acq: 19 Oct 2018 17:54

Tgt Ion:196 Resp: 6252
 Ion Ratio Lower Upper
 196 100
 198 77.7 74.2 111.2
 97 35.1 34.1 51.1
 132 17.1 20.2 30.4#

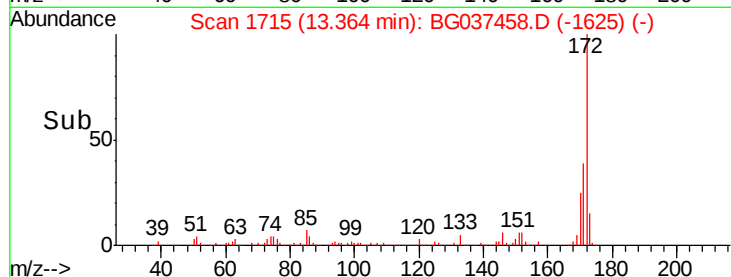
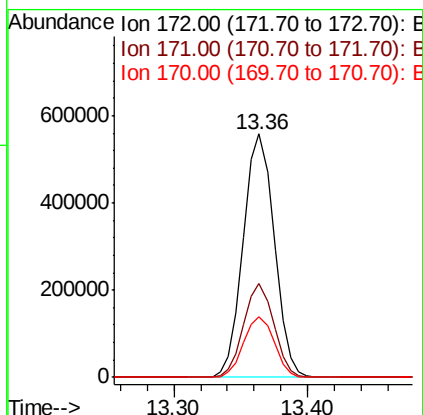
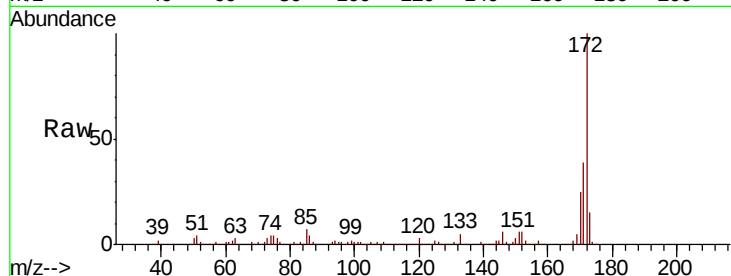




#45
2-Fluorobiphenyl
Concen: 92.187 ng
RT: 13.36 min Scan# 1715
Delta R.T. -0.00 min
Lab File: BG037458.D
Acq: 19 Oct 2018 17:54

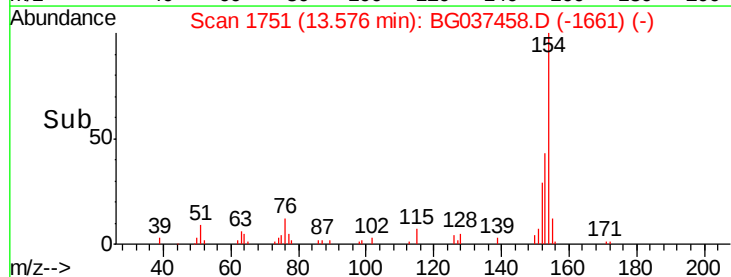
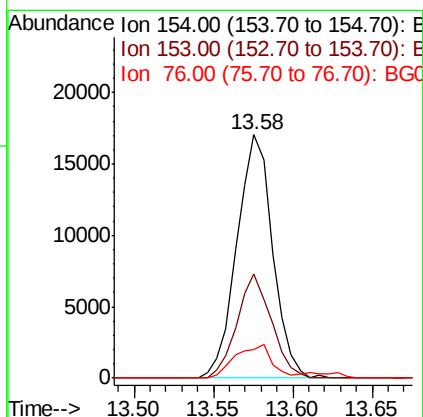
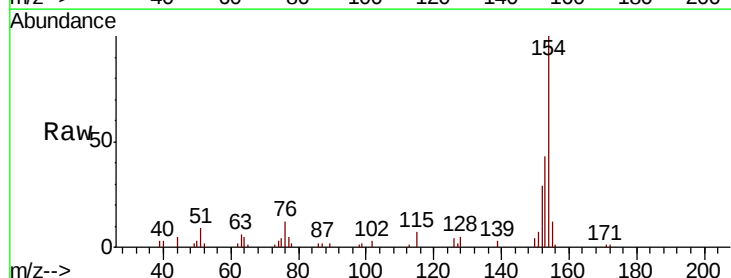
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tgt Ion:172 Resp: 895881
Ion Ratio Lower Upper
172 100
171 38.6 31.0 46.4
170 24.9 20.2 30.2



#46
1,1'-Biphenyl
Concen: 2.191 ng
RT: 13.58 min Scan# 1751
Delta R.T. -0.00 min
Lab File: BG037458.D
Acq: 19 Oct 2018 17:54

Tgt Ion:154 Resp: 26586
Ion Ratio Lower Upper
154 100
153 42.8 22.1 62.1
76 11.9 0.0 33.2

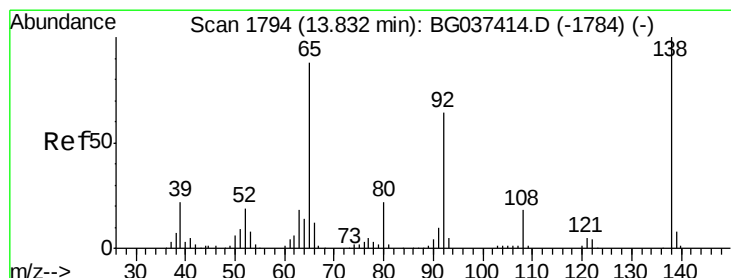
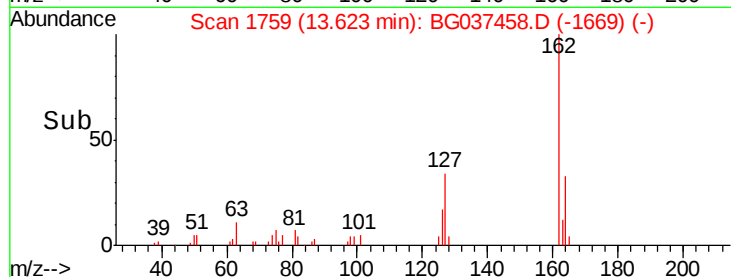
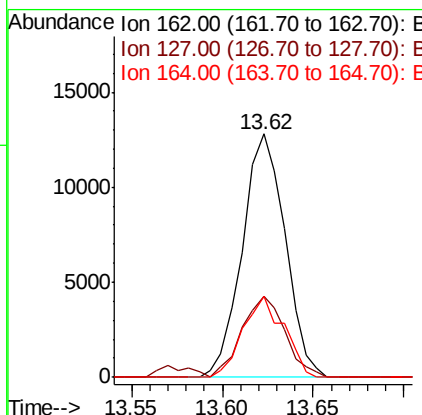
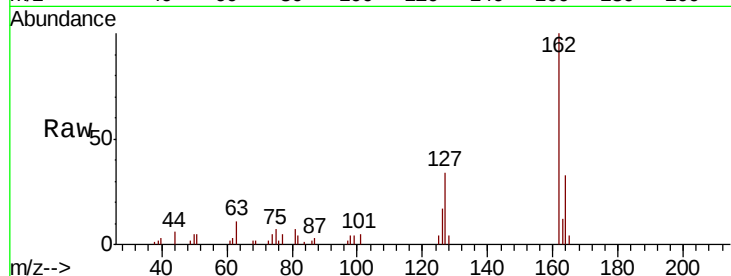




#47
2-Chloronaphthalene
Concen: 2.293 ng
RT: 13.62 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BG037458.D
Acq: 19 Oct 2018 17:54

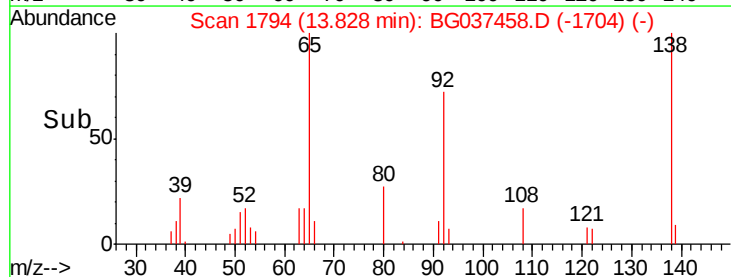
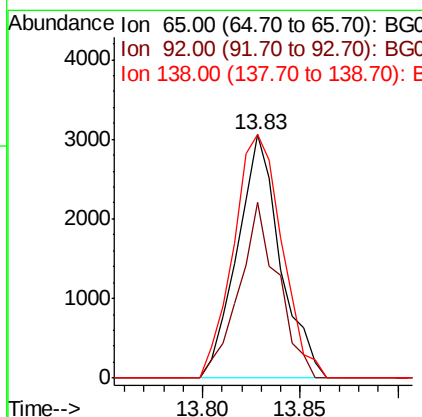
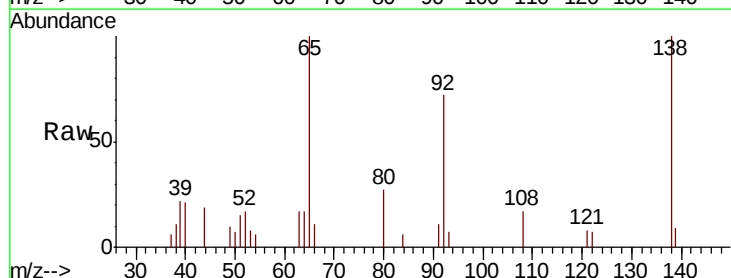
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tgt Ion: 162 Resp: 21056
Ion Ratio Lower Upper
162 100
127 33.5 30.5 45.7
164 33.2 26.4 39.6



#48
2-Nitroaniline
Concen: 1.670 ng
RT: 13.83 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BG037458.D
Acq: 19 Oct 2018 17:54

Tgt Ion: 65 Resp: 4650
Ion Ratio Lower Upper
65 100
92 72.2 53.2 79.8
138 99.9 79.3 118.9





#49

Acenaphthylene

Concen: 2.365 ng

RT: 14.46 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG037458.D

Acq: 19 Oct 2018 17:54

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

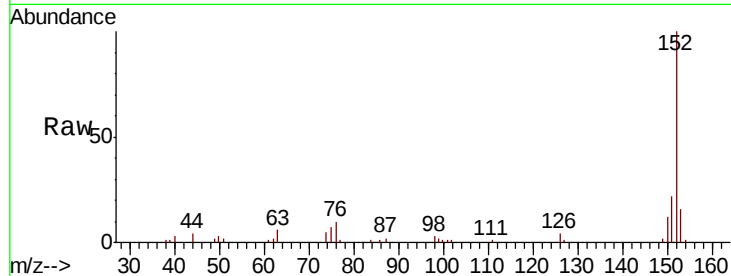
Tgt Ion:152 Resp: 32664

Ion Ratio Lower Upper

152 100

151 22.1 17.1 25.7

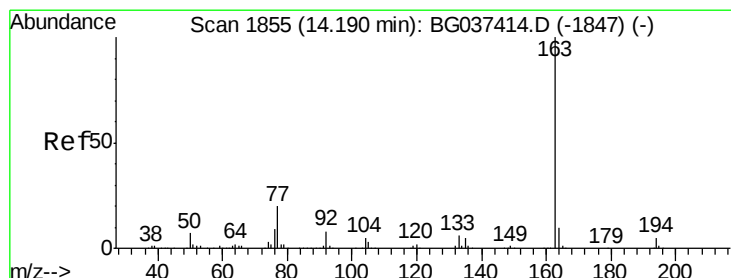
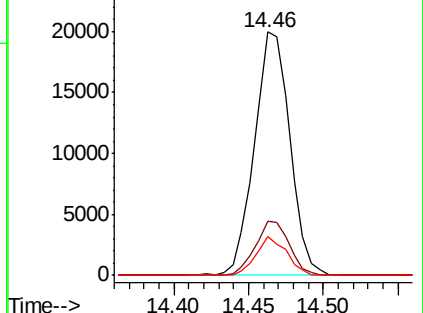
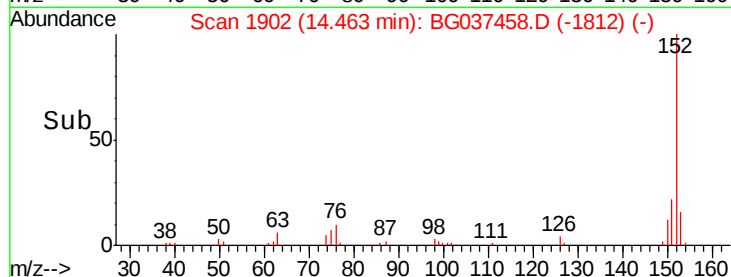
153 15.7 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 2.261 ng

RT: 14.19 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BG037458.D

Acq: 19 Oct 2018 17:54

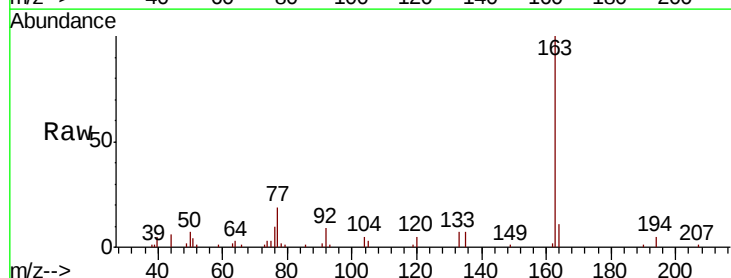
Tgt Ion:163 Resp: 25637

Ion Ratio Lower Upper

163 100

194 4.8 3.5 5.3

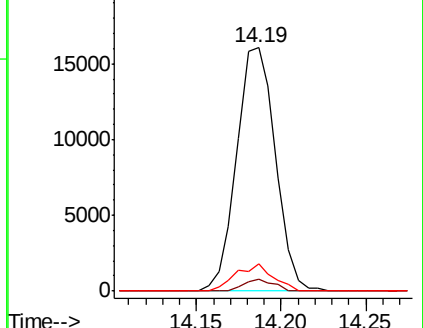
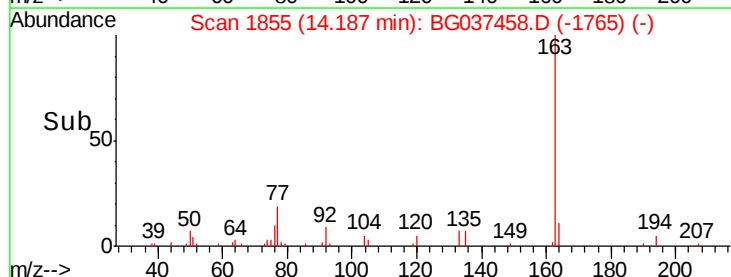
164 11.3 8.5 12.7

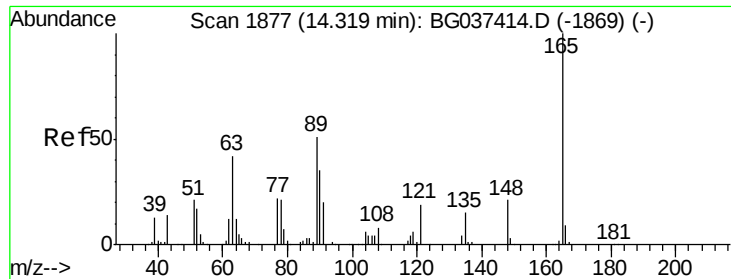


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 1.803 ng

RT: 14.31 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG037458.D

Acq: 19 Oct 2018 17:54

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

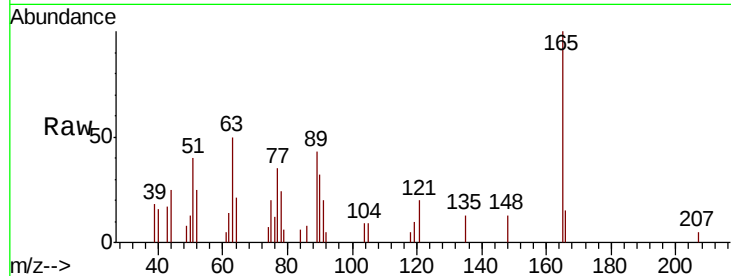
Tgt Ion:165 Resp: 4521

Ion Ratio Lower Upper

165 100

63 50.2 43.4 65.2

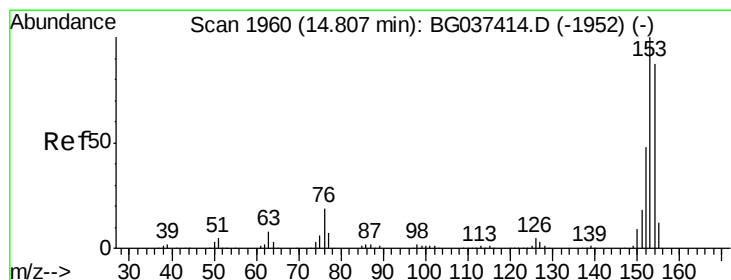
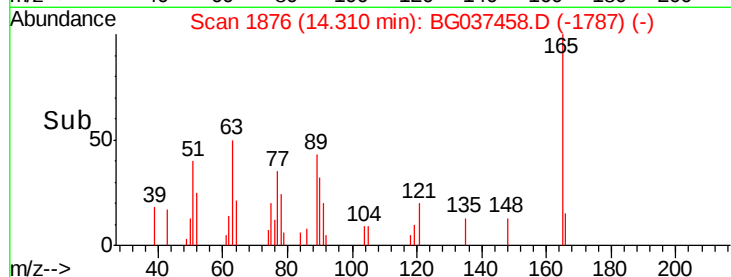
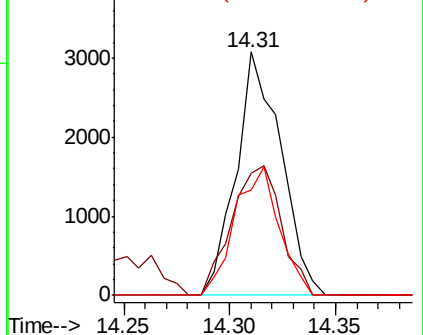
89 43.1 45.8 68.6#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 2.384 ng

RT: 14.80 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BG037458.D

Acq: 19 Oct 2018 17:54

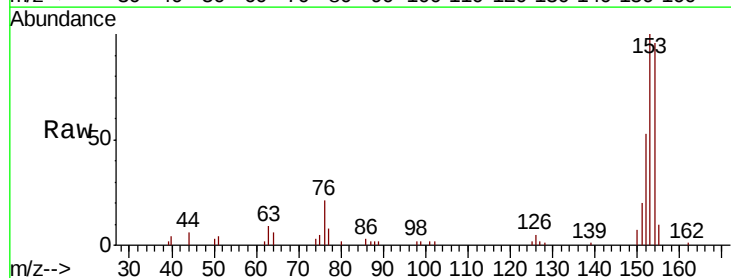
Tgt Ion:154 Resp: 20281

Ion Ratio Lower Upper

154 100

153 103.8 93.4 140.0

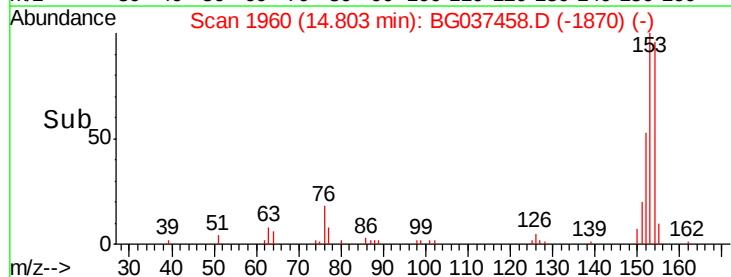
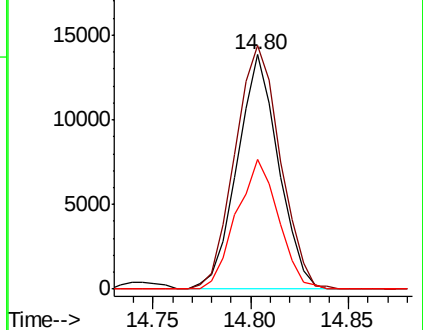
152 55.3 44.7 67.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 1.439 ng

RT: 14.65 min Scan# 1934

Delta R.T. -0.00 min

Lab File: BG037458.D

Acq: 19 Oct 2018 17:54

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

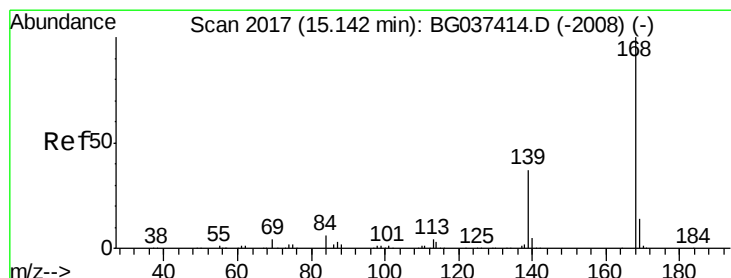
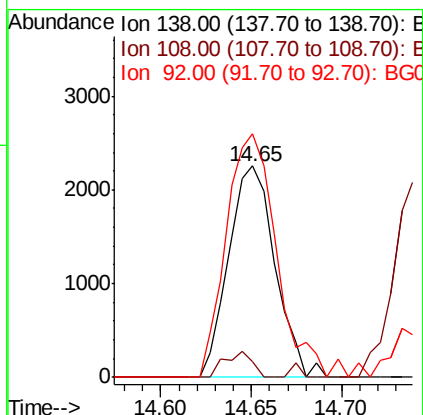
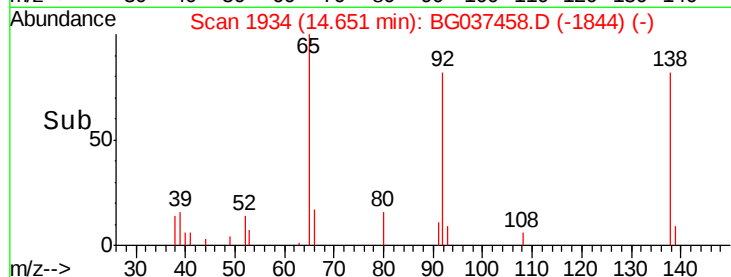
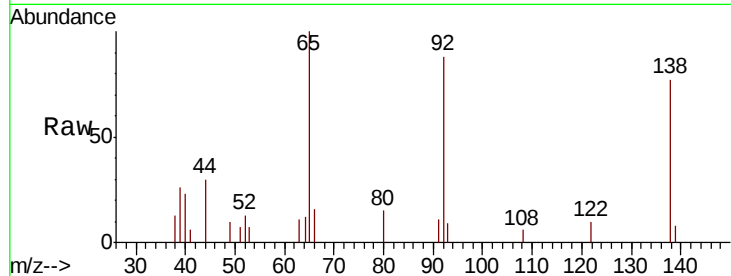
Tgt Ion:138 Resp: 4006

Ion Ratio Lower Upper

138 100

108 7.5 11.0 16.6#

92 115.3 95.2 142.8



#55

Dibenzofuran

Concen: 2.573 ng

RT: 15.14 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BG037458.D

Acq: 19 Oct 2018 17:54

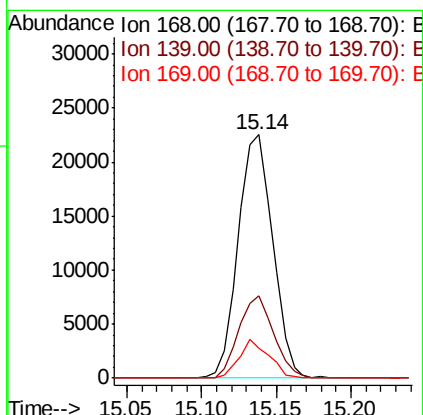
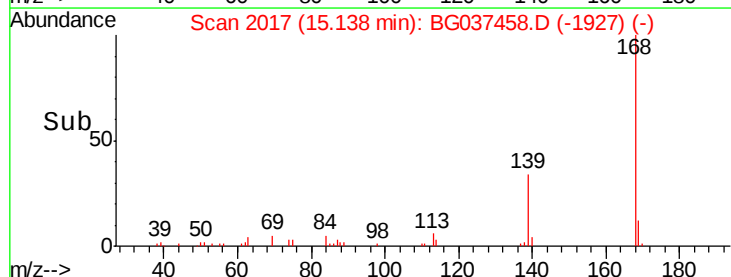
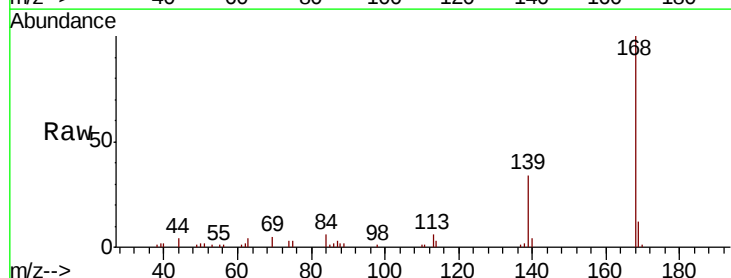
Tgt Ion:168 Resp: 36268

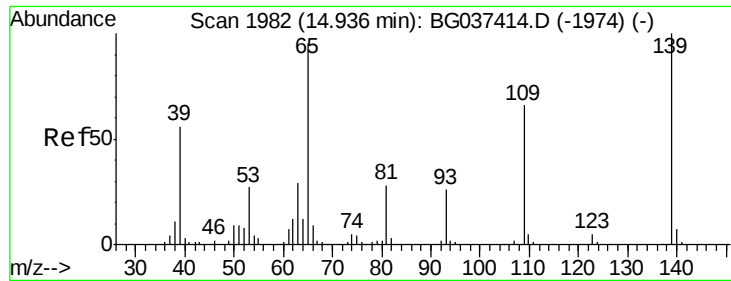
Ion Ratio Lower Upper

168 100

139 33.7 29.4 44.0

169 12.2 11.0 16.6





#56

4-Nitrophenol

Concen: 0.802 ng

RT: 14.94 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BG037458.D

Acq: 19 Oct 2018 17:54

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

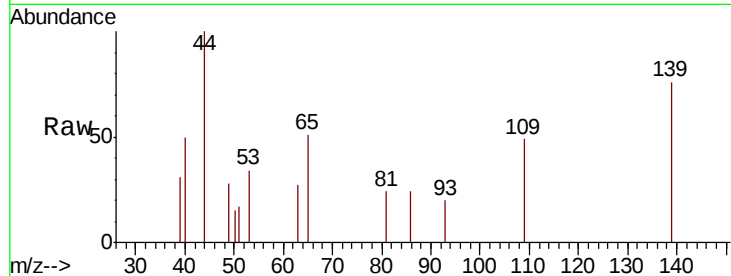
Tgt Ion:139 Resp: 1653

Ion Ratio Lower Upper

139 100

109 64.4 49.5 89.5

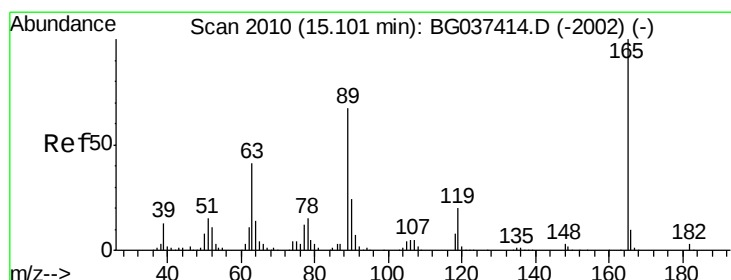
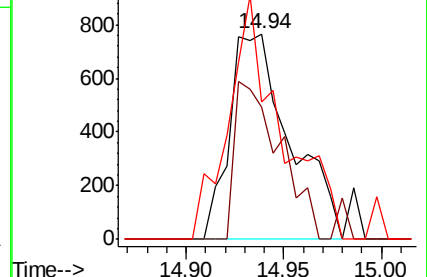
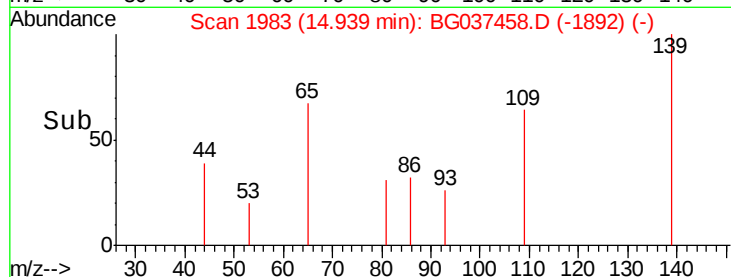
65 67.1 76.8 116.8#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#57

2,4-Dinitrotoluene

Concen: 1.703 ng

RT: 15.10 min Scan# 2010

Delta R.T. -0.00 min

Lab File: BG037458.D

Acq: 19 Oct 2018 17:54

Tgt Ion:165 Resp: 5605

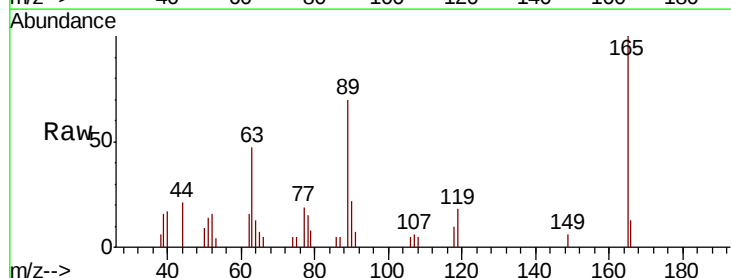
Ion Ratio Lower Upper

165 100

63 46.6 33.4 50.0

89 70.0 57.2 85.8

182 0.0 2.6 4.0#

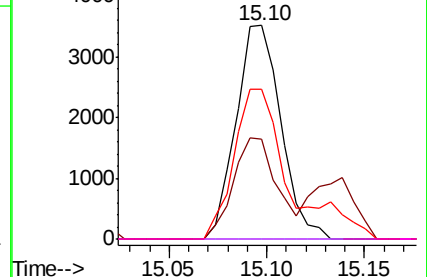
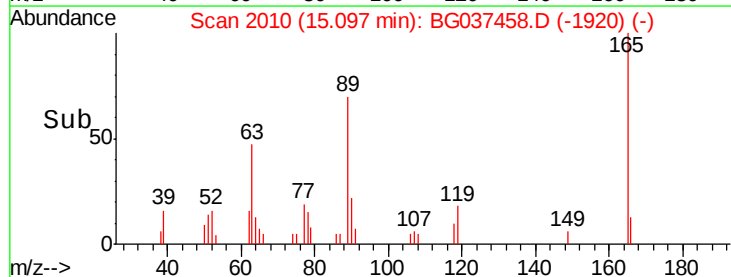


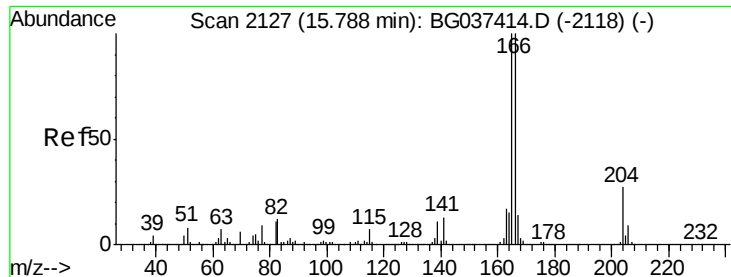
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 2.502 ng

RT: 15.78 min Scan# 2127

Delta R.T. -0.00 min

Lab File: BG037458.D

Acq: 19 Oct 2018 17:54

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

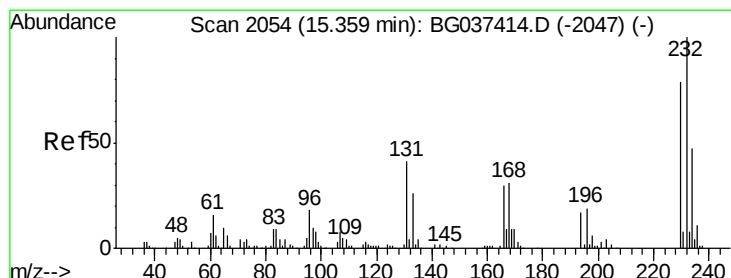
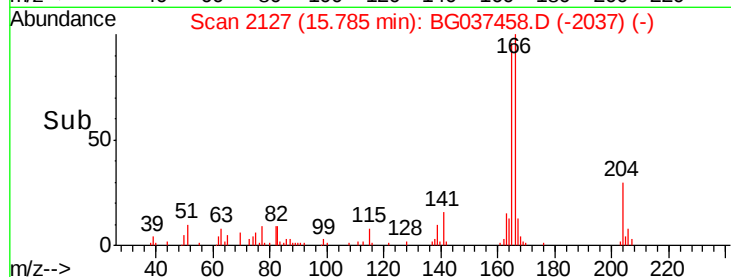
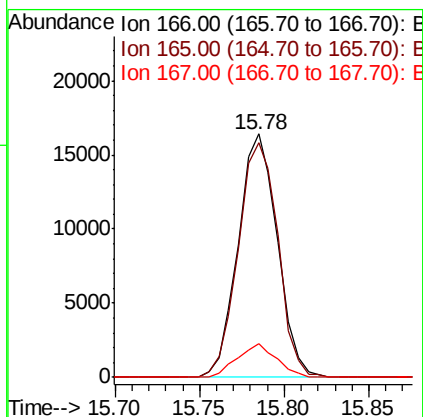
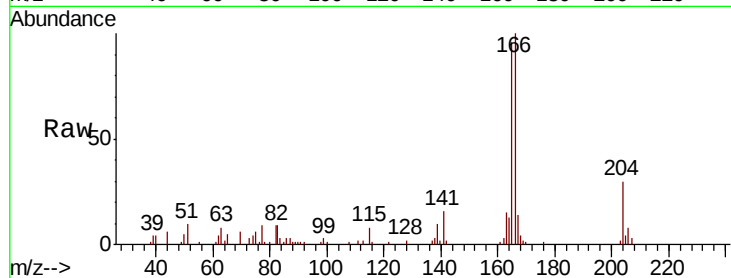
Tgt Ion:166 Resp: 26409

Ion Ratio Lower Upper

166 100

165 96.4 79.0 118.6

167 13.9 11.3 16.9



#59

2,3,4,6-Tetrachlorophenol

Concen: 1.602 ng

RT: 15.36 min Scan# 2054

Delta R.T. -0.00 min

Lab File: BG037458.D

Acq: 19 Oct 2018 17:54

Tgt Ion:232 Resp: 4717

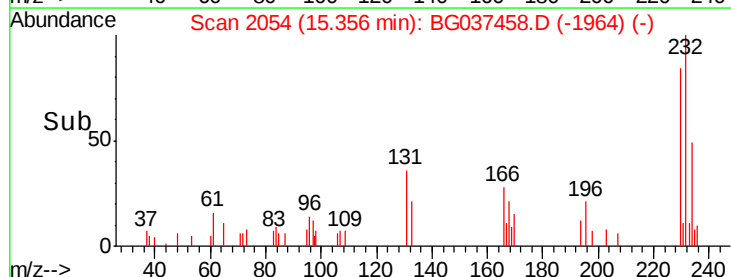
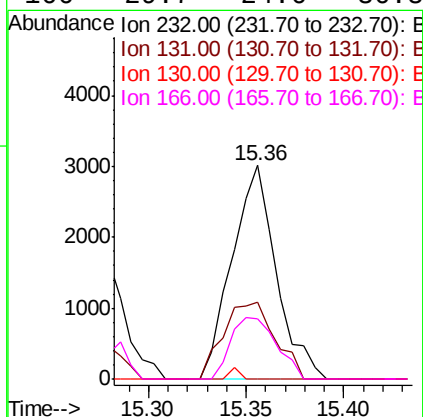
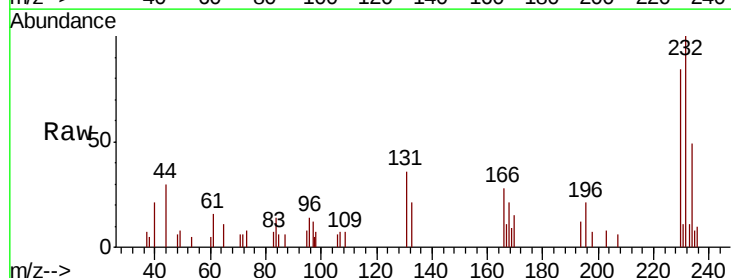
Ion Ratio Lower Upper

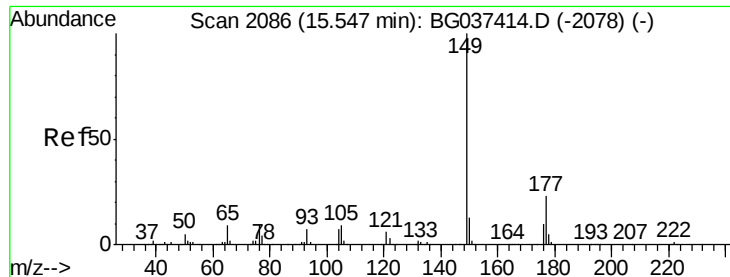
232 100

131 42.0 33.7 50.5

130 1.2 2.1 3.1#

166 29.7 24.6 36.8

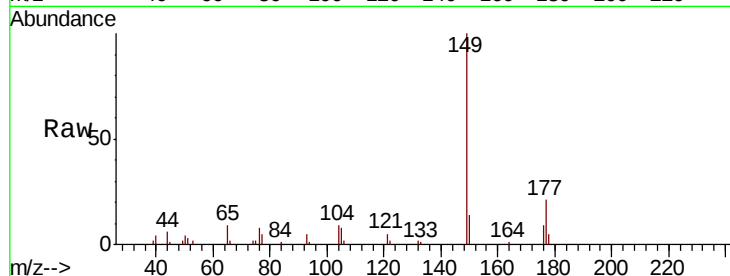




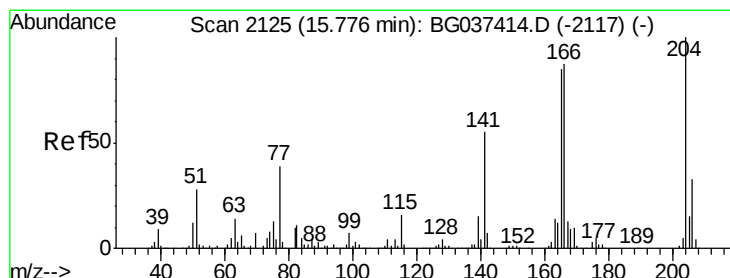
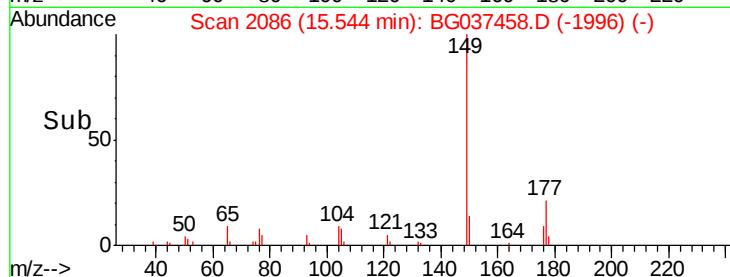
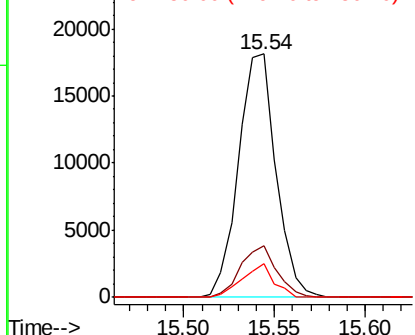
#60
Diethylphthalate
Concen: 2.240 ng
RT: 15.54 min Scan# 2086
Delta R.T. -0.00 min
Lab File: BG037458.D
Acq: 19 Oct 2018 17:54

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

Tgt Ion:149 Resp: 26074
Ion Ratio Lower Upper
149 100
177 21.2 18.3 27.5
150 13.6 10.0 15.0

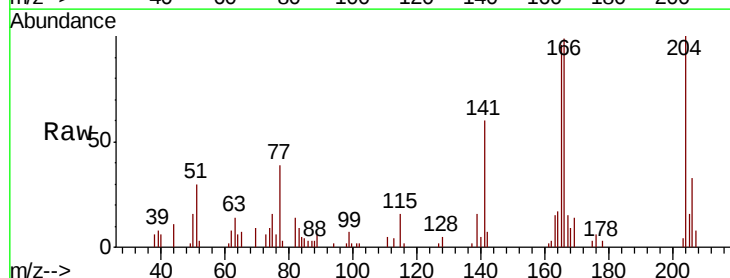


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

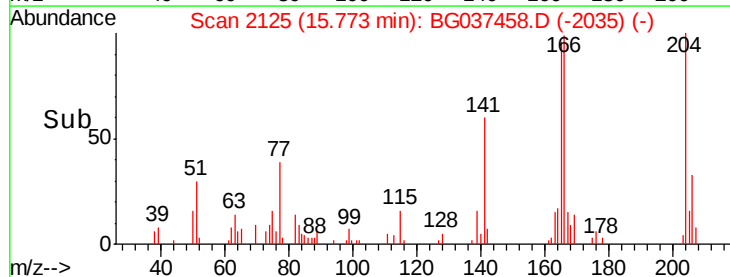
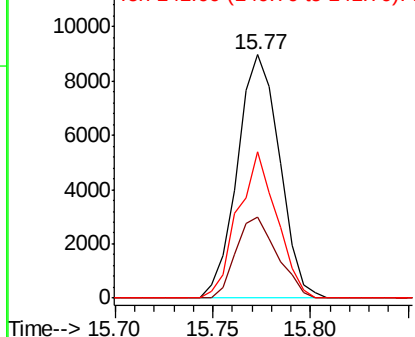


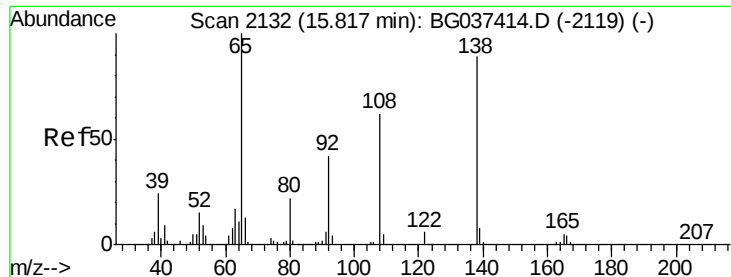
#61
4-Chlorophenyl-phenylether
Concen: 2.184 ng
RT: 15.77 min Scan# 2125
Delta R.T. -0.00 min
Lab File: BG037458.D
Acq: 19 Oct 2018 17:54

Tgt Ion:204 Resp: 13433
Ion Ratio Lower Upper
204 100
206 33.1 26.6 39.8
141 60.2 45.4 68.2



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





#62

4-Nitroaniline

Concen: 1.540 ng

RT: 15.81 min Scan# 2132

Delta R.T. -0.00 min

Lab File: BG037458.D

Acq: 19 Oct 2018 17:54

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

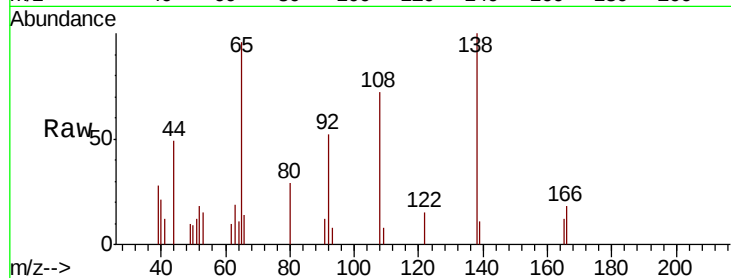
Tgt Ion: 138 Resp: 4260

Ion Ratio Lower Upper

138 100

92 52.1 36.4 76.4

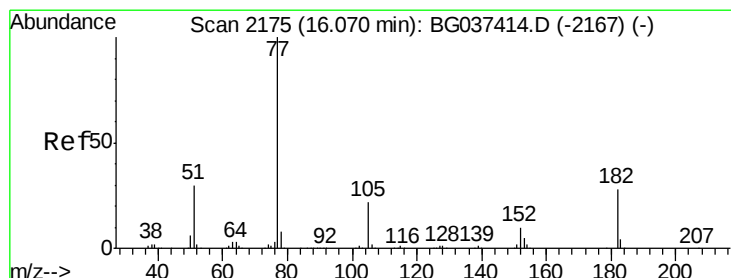
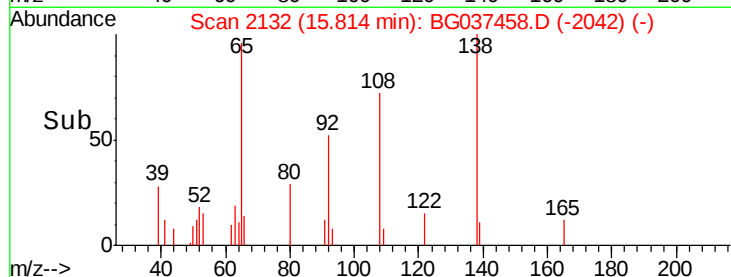
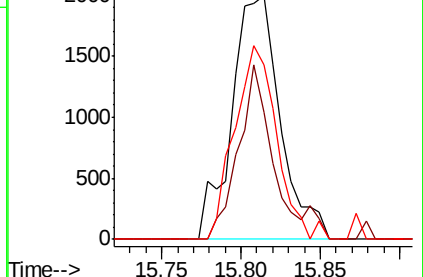
108 71.8 60.1 100.1



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: 2.299 ng

RT: 16.07 min Scan# 2175

Delta R.T. -0.00 min

Lab File: BG037458.D

Acq: 19 Oct 2018 17:54

Tgt Ion: 77 Resp: 25531

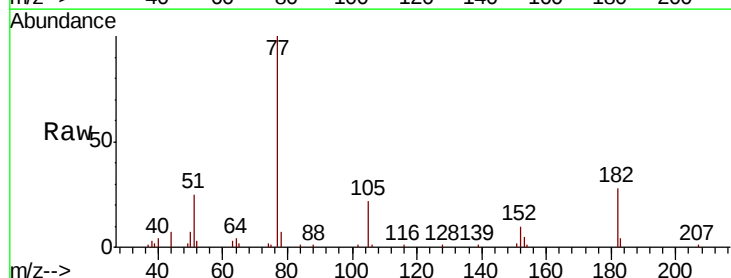
Ion Ratio Lower Upper

77 100

182 28.3 8.0 48.0

105 22.0 1.3 41.3

51 25.0 10.7 50.7

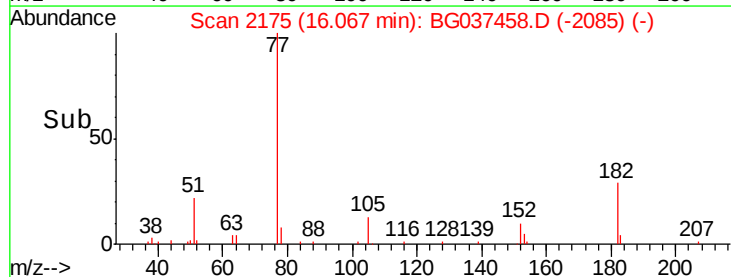
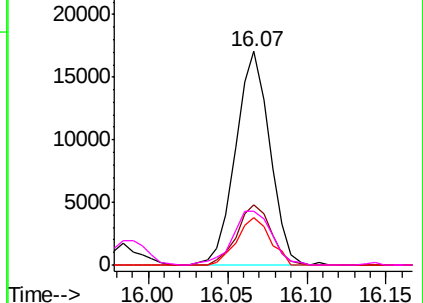


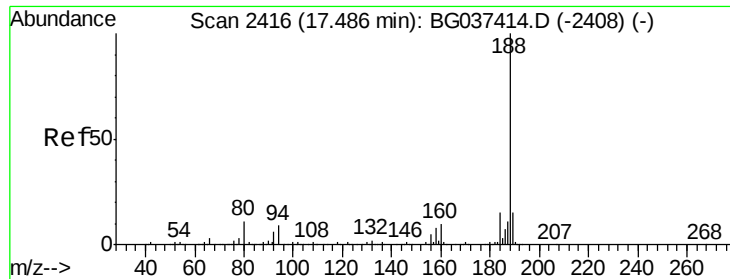
Abundance Ion 77.00 (76.70 to 77.70): BG

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BG037458.D

Acq: 19 Oct 2018 17:54

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

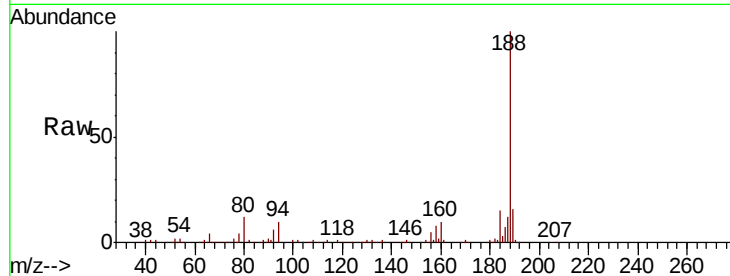
Tgt Ion:188 Resp: 350287

Ion Ratio Lower Upper

188 100

94 10.0 7.2 10.8

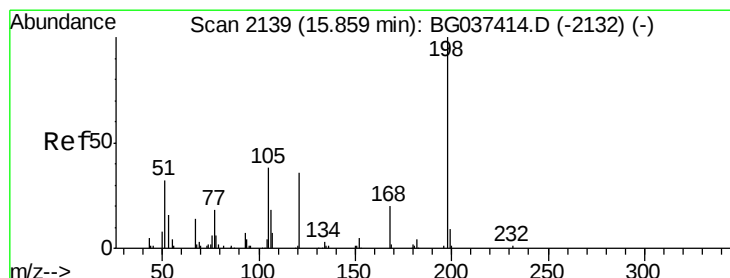
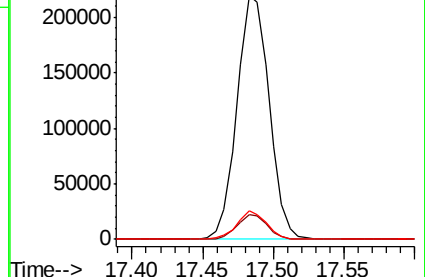
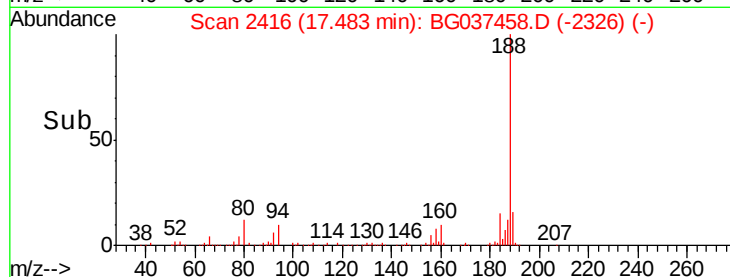
80 11.8 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#65

4,6-Dinitro-2-methylphenol

Concen: 8.754 ng

RT: 16.21 min Scan# 2199

Delta R.T. 0.35 min

Lab File: BG037458.D

Acq: 19 Oct 2018 17:54

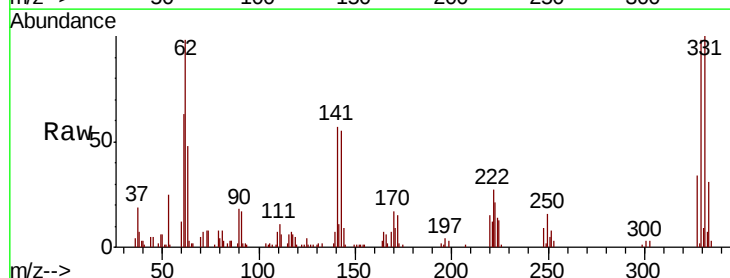
Tgt Ion:198 Resp: 551

Ion Ratio Lower Upper

198 100

51 38.3 22.7 62.7

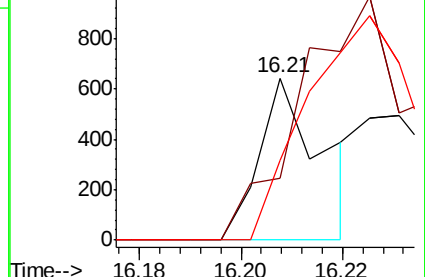
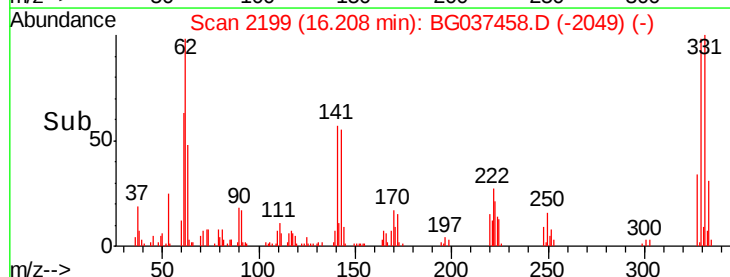
105 49.5 19.7 59.7

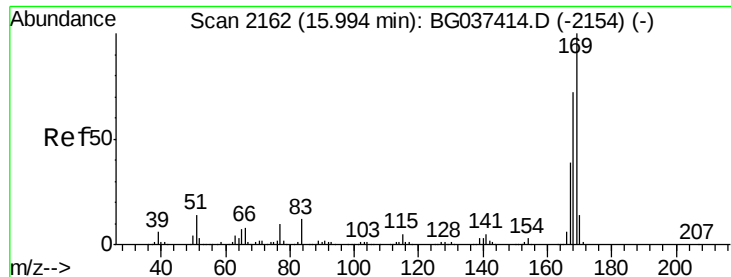


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

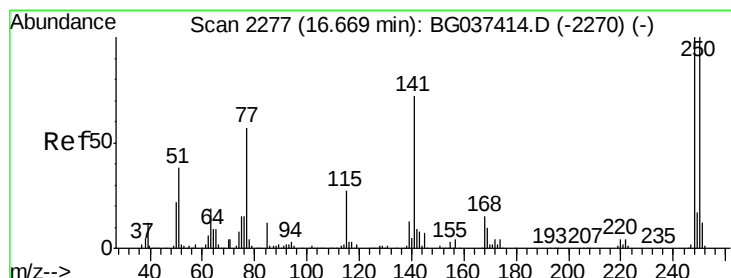
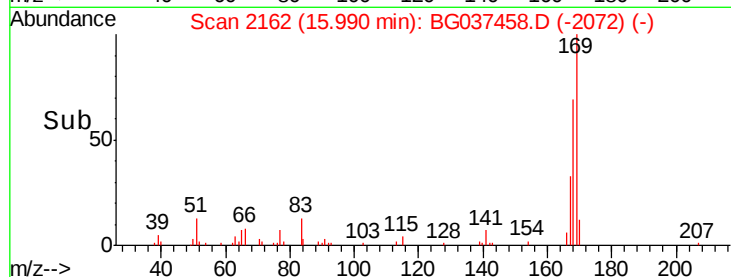
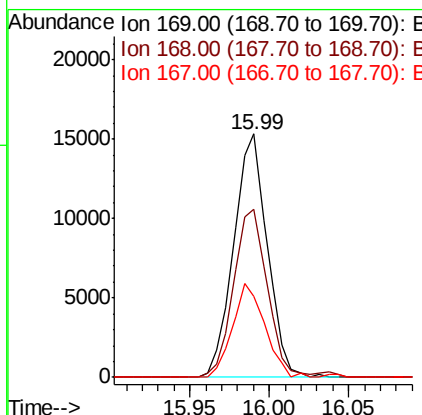
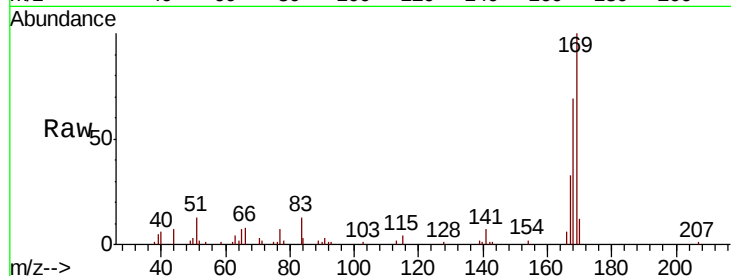




#66
 n-Nitrosodiphenylamine
 Concen: 2.134 ng
 RT: 15.99 min Scan# 2162
 Delta R.T. -0.00 min
 Lab File: BG037458.D
 Acq: 19 Oct 2018 17:54

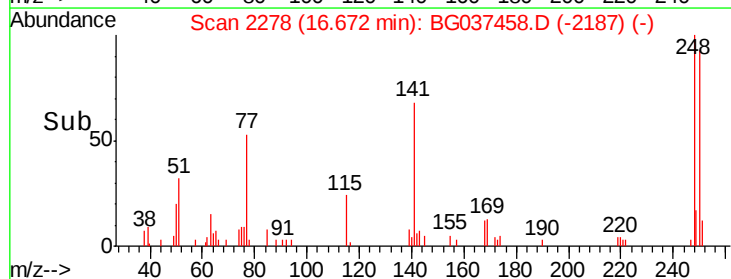
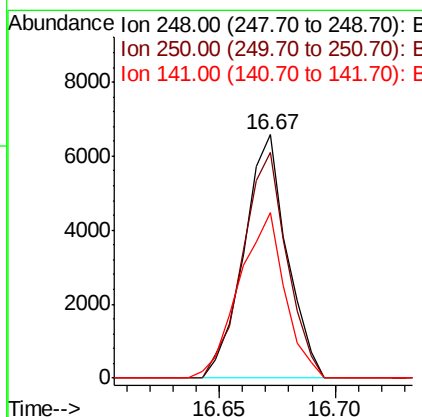
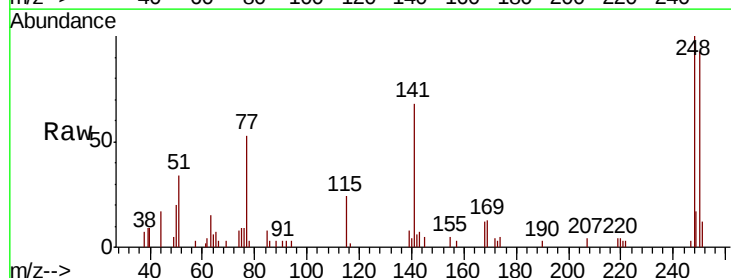
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

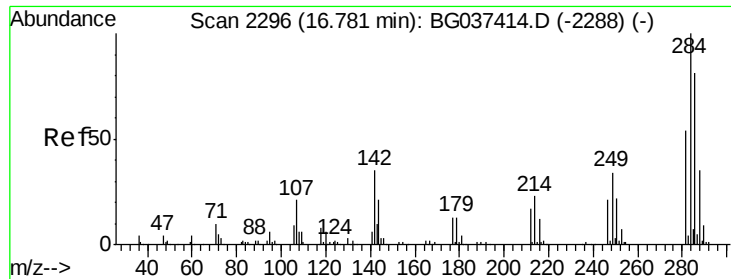
Tgt Ion:169 Resp: 22488
 Ion Ratio Lower Upper
 169 100
 168 69.0 55.7 83.5
 167 33.4 31.3 46.9



#67
 4-Bromophenyl-phenylether
 Concen: 2.214 ng
 RT: 16.67 min Scan# 2278
 Delta R.T. 0.00 min
 Lab File: BG037458.D
 Acq: 19 Oct 2018 17:54

Tgt Ion:248 Resp: 8517
 Ion Ratio Lower Upper
 248 100
 250 92.9 77.0 115.6
 141 67.9 55.5 83.3





#68

Hexachlorobenzene

Concen: 2.010 ng

RT: 16.78 min Scan# 2296

Delta R.T. -0.00 min

Lab File: BG037458.D

Acq: 19 Oct 2018 17:54

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

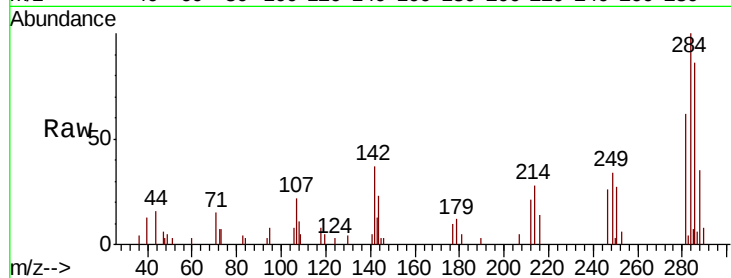
Tgt Ion:284 Resp: 8012

Ion Ratio Lower Upper

284 100

142 37.5 28.1 42.1

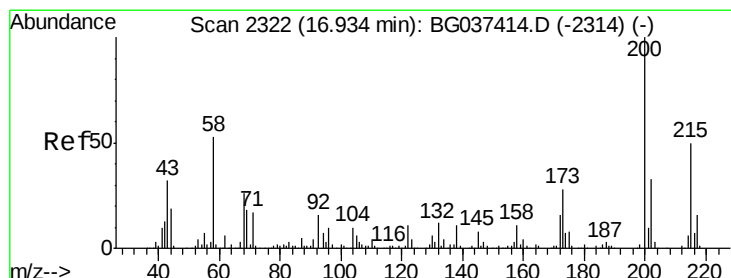
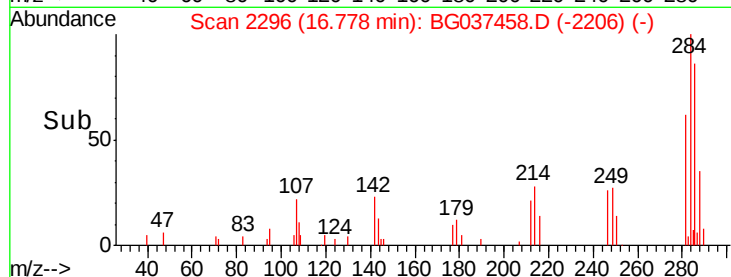
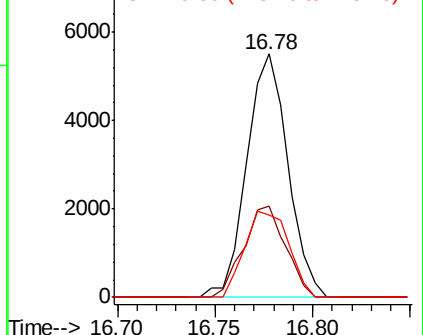
249 37.1 29.8 44.8



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#69

Atrazine

Concen: 1.894 ng

RT: 16.92 min Scan# 2321

Delta R.T. -0.01 min

Lab File: BG037458.D

Acq: 19 Oct 2018 17:54

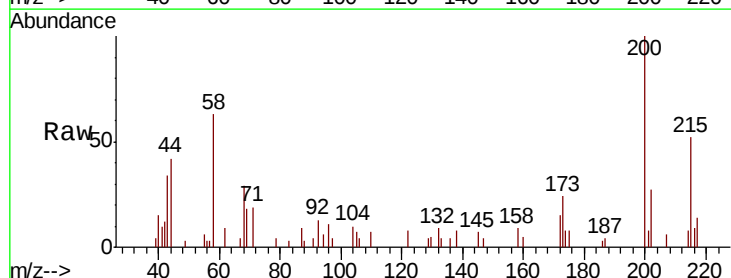
Tgt Ion:200 Resp: 7216

Ion Ratio Lower Upper

200 100

173 23.8 6.1 46.1

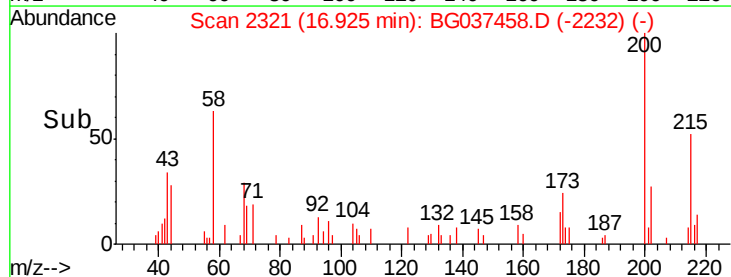
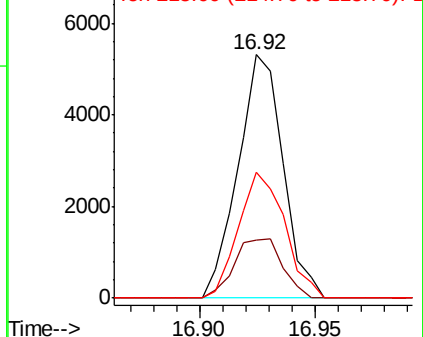
215 51.9 30.8 70.8

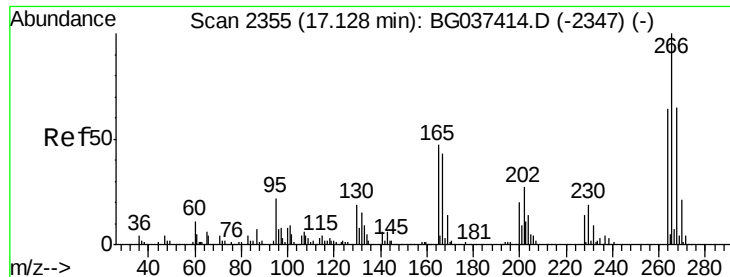


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#70

Pentachlorophenol

Concen: 0.557 ng

RT: 17.12 min Scan# 2354

Delta R.T. -0.01 min

Lab File: BG037458.D

Acq: 19 Oct 2018 17:54

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

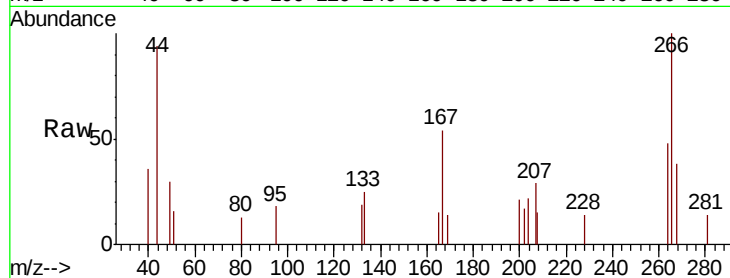
Tgt Ion:266 Resp: 1487

Ion Ratio Lower Upper

266 100

268 37.6 55.0 82.6#

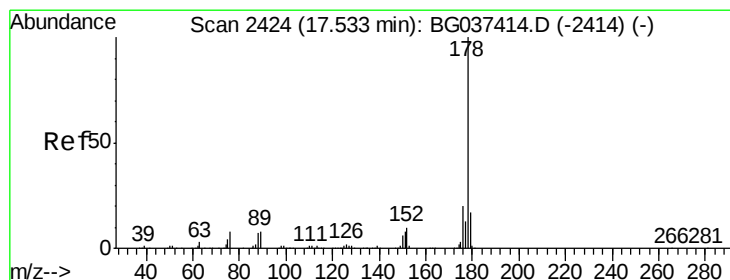
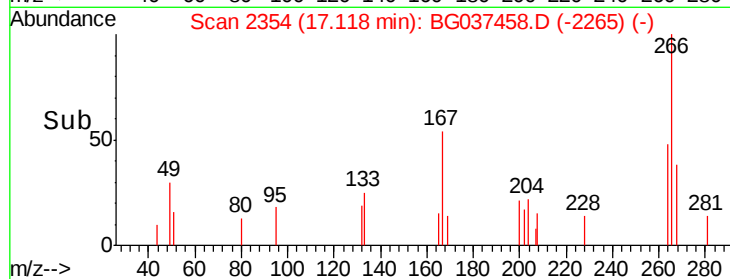
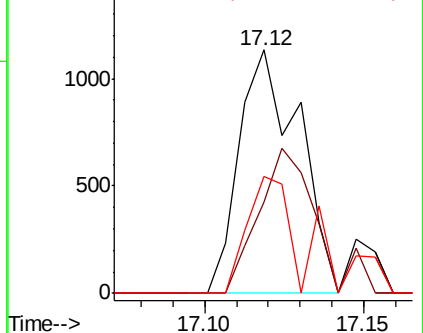
264 47.9 58.9 88.3#



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#71

Phenanthrene

Concen: 2.616 ng

RT: 17.53 min Scan# 2424

Delta R.T. -0.00 min

Lab File: BG037458.D

Acq: 19 Oct 2018 17:54

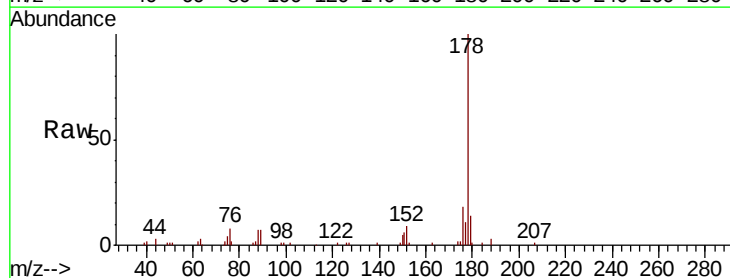
Tgt Ion:178 Resp: 46576

Ion Ratio Lower Upper

178 100

176 17.8 16.1 24.1

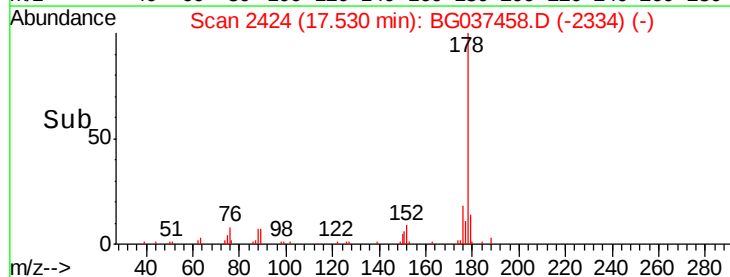
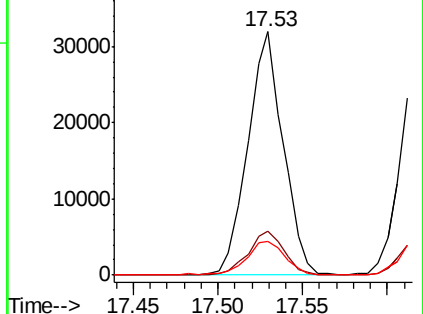
179 14.0 13.0 19.4

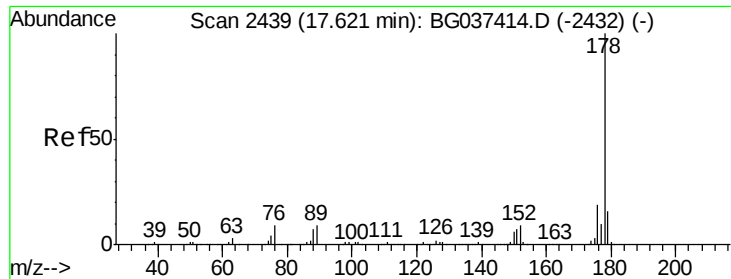


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 2.471 ng

RT: 17.62 min Scan# 2439

Delta R.T. -0.00 min

Lab File: BG037458.D

Acq: 19 Oct 2018 17:54

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

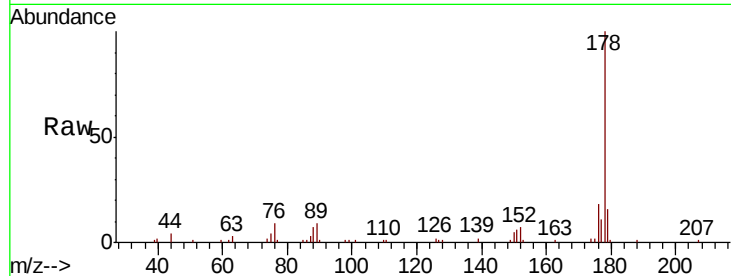
Tgt Ion:178 Resp: 43169

Ion Ratio Lower Upper

178 100

176 18.2 15.0 22.4

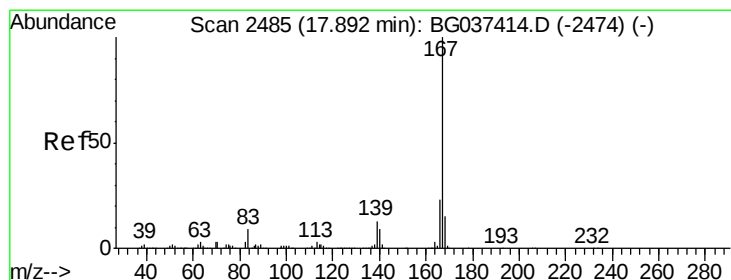
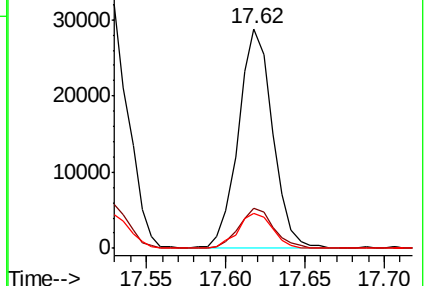
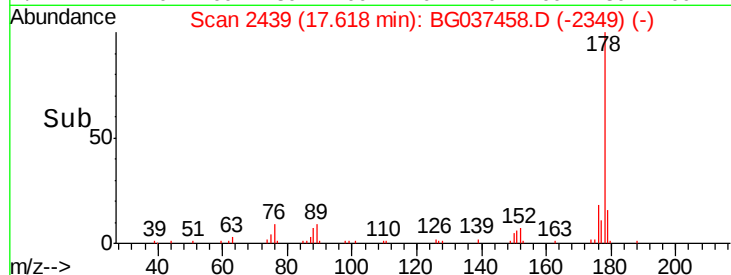
179 15.9 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 2.100 ng

RT: 17.89 min Scan# 2485

Delta R.T. -0.00 min

Lab File: BG037458.D

Acq: 19 Oct 2018 17:54

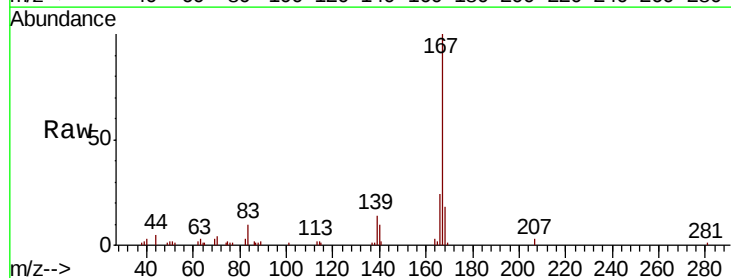
Tgt Ion:167 Resp: 36703

Ion Ratio Lower Upper

167 100

166 24.0 18.3 27.5

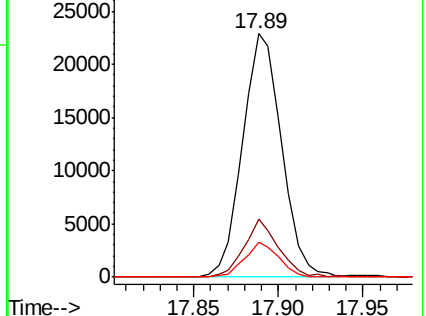
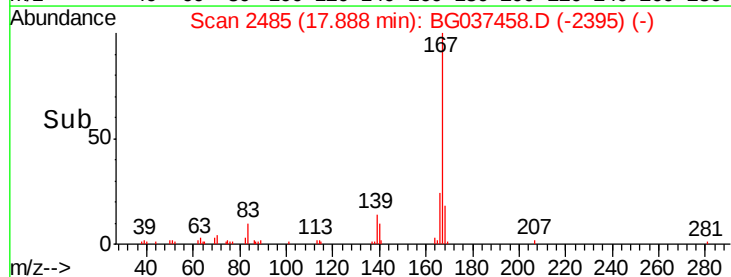
139 14.1 10.5 15.7

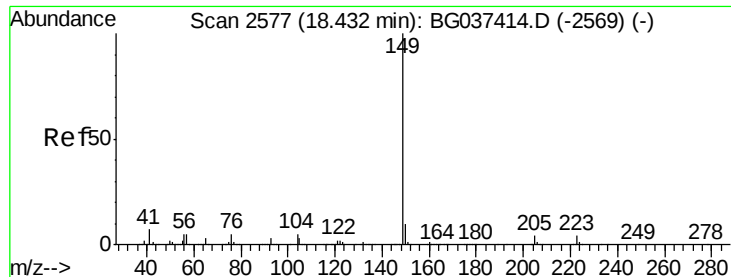


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 2.107 ng

RT: 18.43 min Scan# 2577

Delta R.T. -0.00 min

Lab File: BG037458.D

Acq: 19 Oct 2018 17:54

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

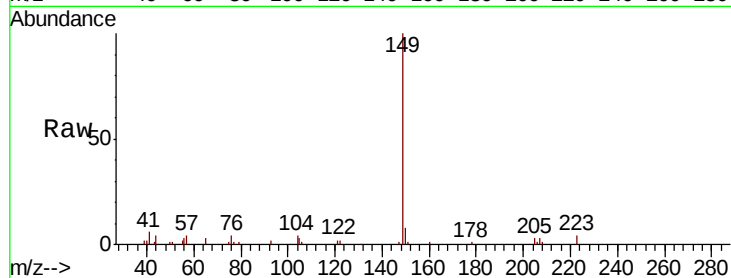
Tgt Ion:149 Resp: 40966

Ion Ratio Lower Upper

149 100

150 7.8 8.2 12.2#

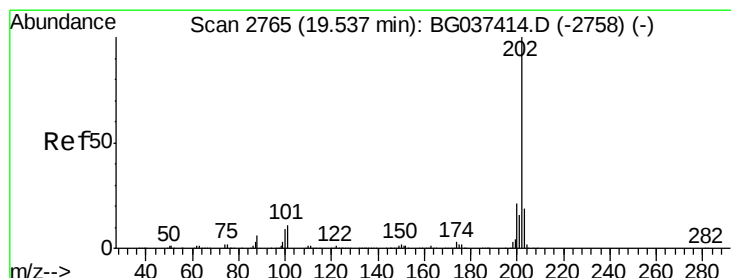
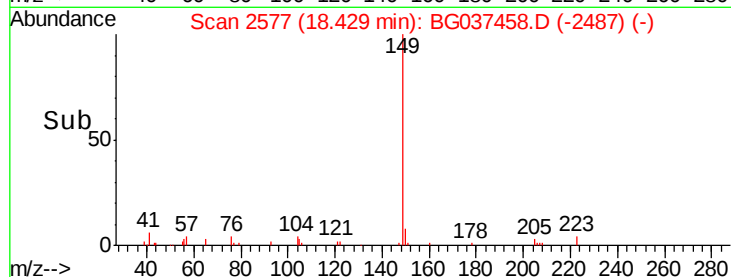
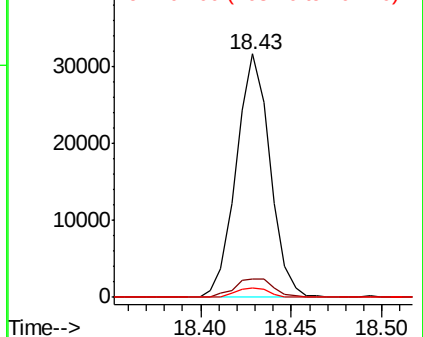
104 4.0 4.0 6.0#



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: 2.453 ng

RT: 19.53 min Scan# 2765

Delta R.T. -0.00 min

Lab File: BG037458.D

Acq: 19 Oct 2018 17:54

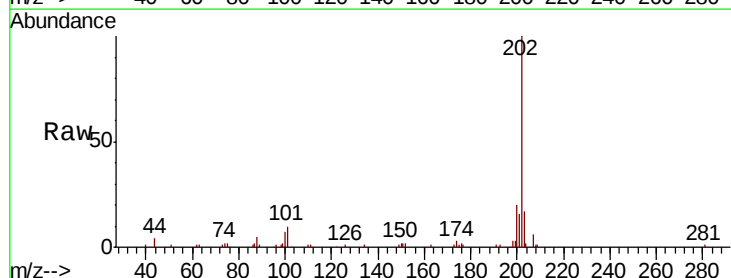
Tgt Ion:202 Resp: 49521

Ion Ratio Lower Upper

202 100

101 10.4 0.0 30.7

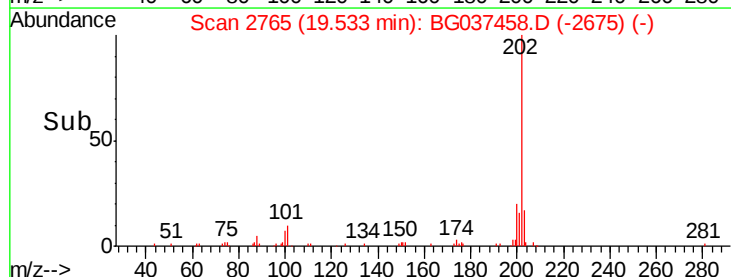
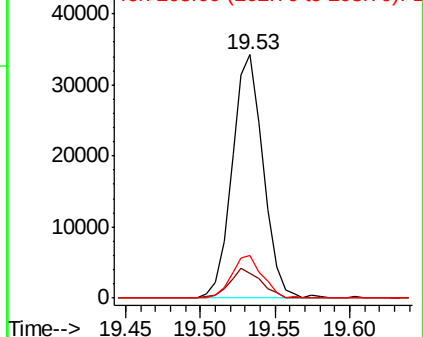
203 17.4 0.0 38.5

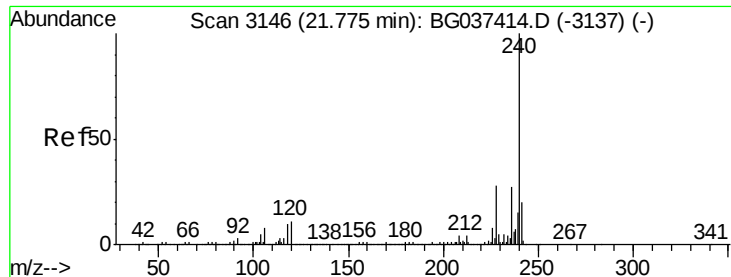


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

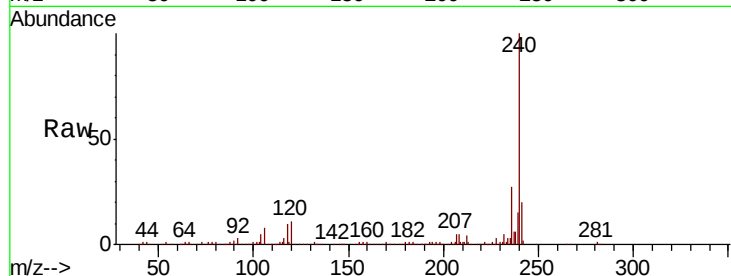




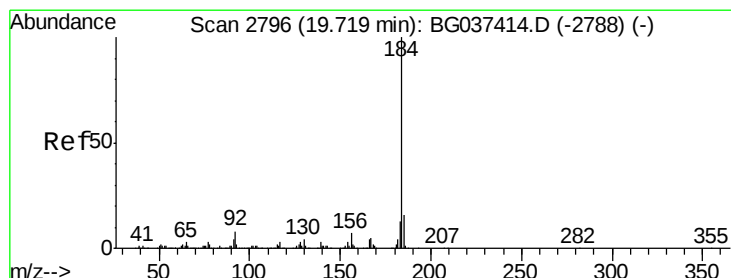
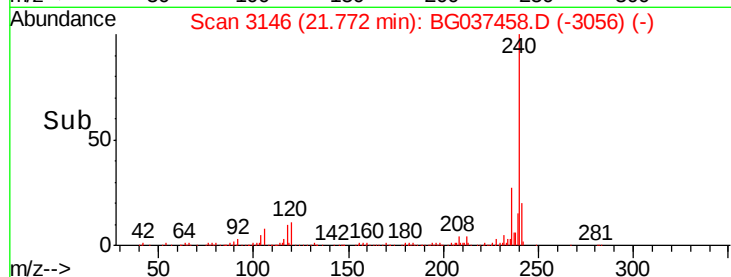
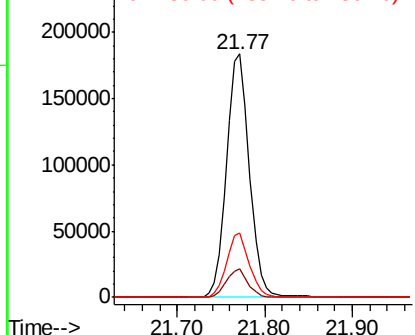
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3146
Delta R.T. -0.00 min
Lab File: BG037458.D
Acq: 19 Oct 2018 17:54

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

Tgt Ion:240 Resp: 329136
Ion Ratio Lower Upper
240 100
120 11.5 8.1 12.1
236 26.6 21.4 32.0

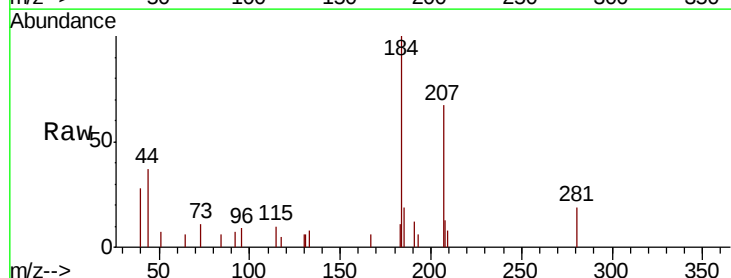


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

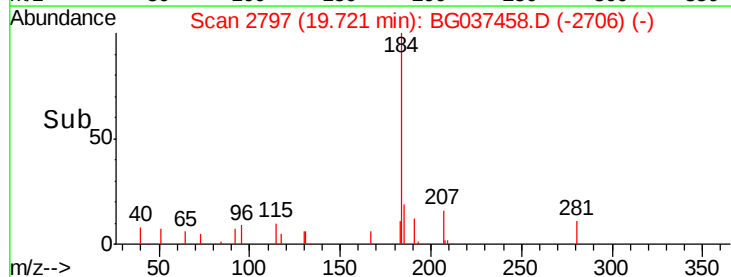
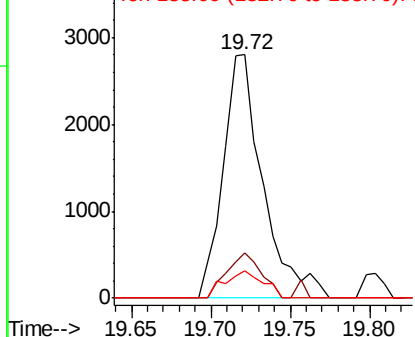


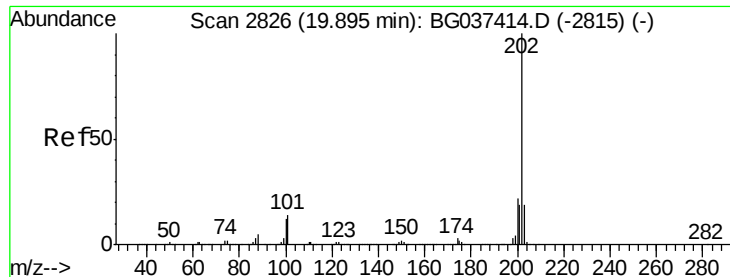
#77
Benzidine
Concen: 0.435 ng
RT: 19.72 min Scan# 2797
Delta R.T. 0.00 min
Lab File: BG037458.D
Acq: 19 Oct 2018 17:54

Tgt Ion:184 Resp: 4869
Ion Ratio Lower Upper
184 100
185 18.6 12.6 18.8
183 11.1 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

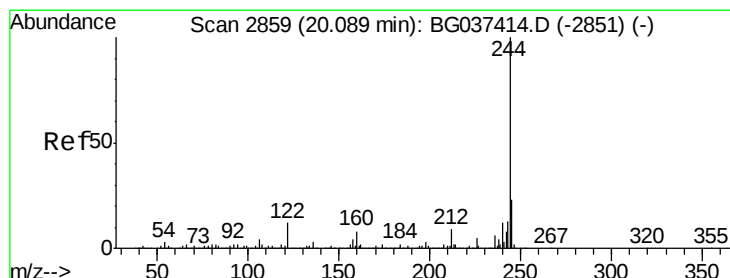
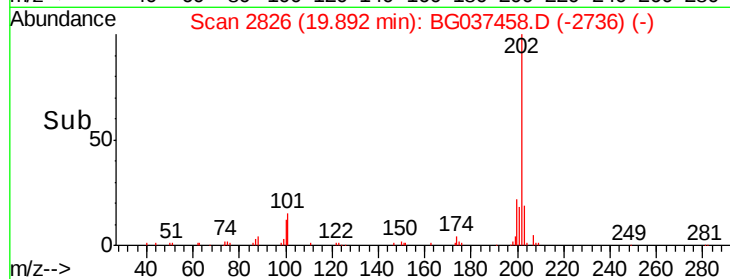
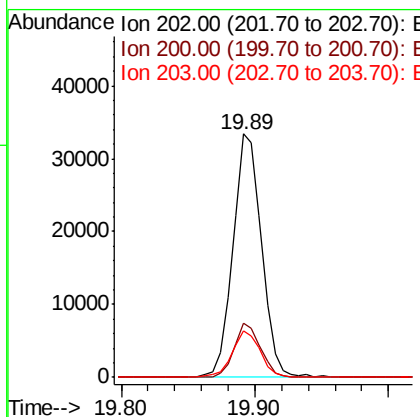
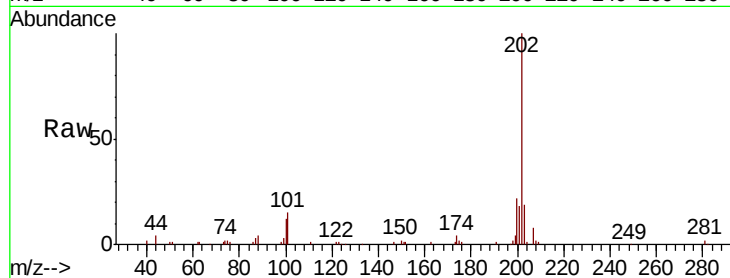




#78
 Pyrene
 Concen: 2.310 ng
 RT: 19.89 min Scan# 2826
 Delta R.T. -0.00 min
 Lab File: BG037458.D
 Acq: 19 Oct 2018 17:54

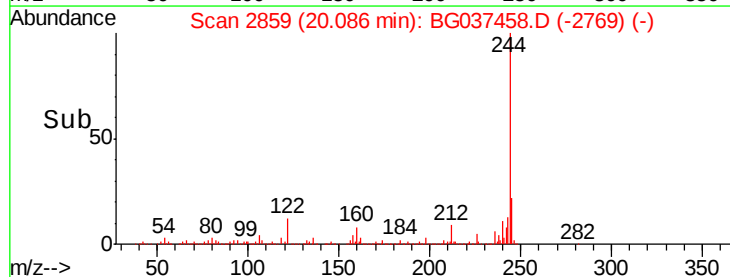
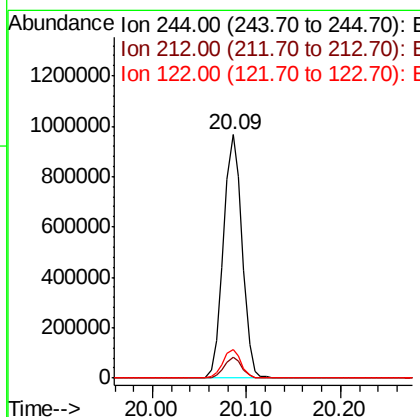
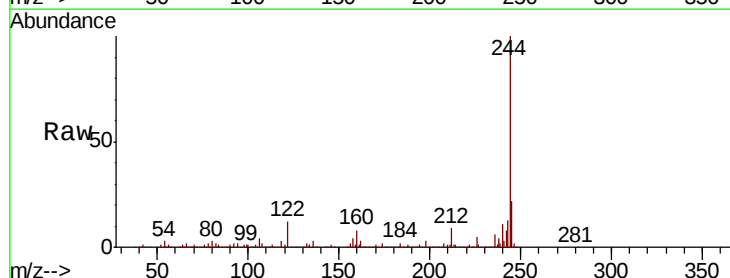
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

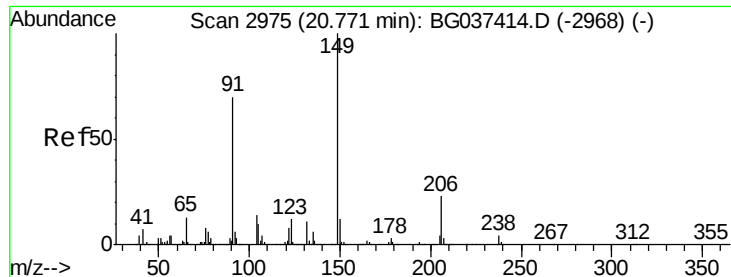
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.8	26.6
203	19.1	15.2	22.8



#79
 Terphenyl-d14
 Concen: 87.187 ng
 RT: 20.09 min Scan# 2859
 Delta R.T. -0.00 min
 Lab File: BG037458.D
 Acq: 19 Oct 2018 17:54

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.5	9.7
122	11.8	9.0	13.4

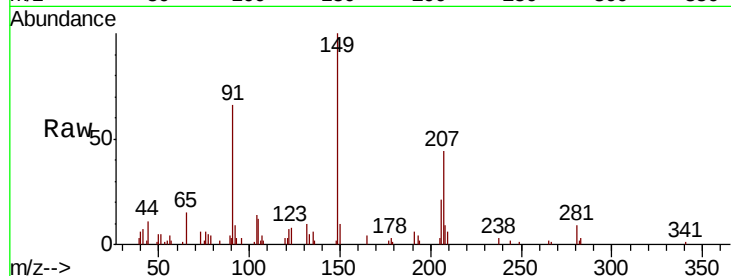




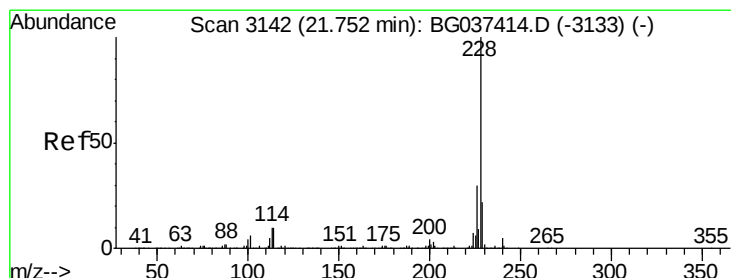
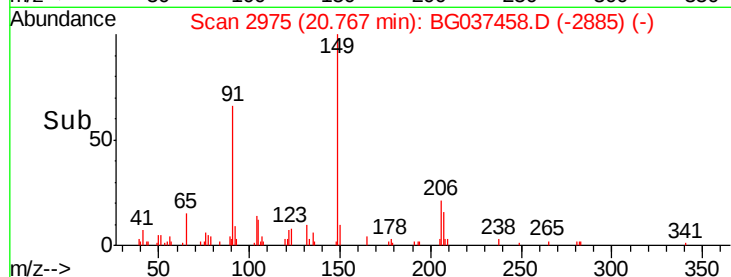
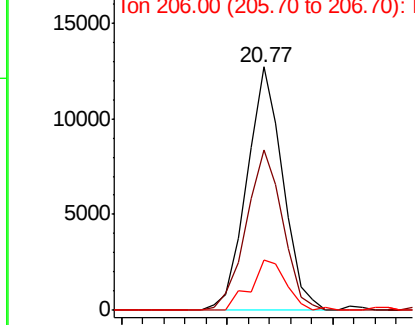
#80
Butylbenzylphthalate
Concen: 1.702 ng
RT: 20.77 min Scan# 2975
Delta R.T. -0.00 min
Lab File: BG037458.D
Acq: 19 Oct 2018 17:54

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

Tgt Ion:149 Resp: 14988
Ion Ratio Lower Upper
149 100
91 65.6 57.0 85.4
206 20.7 17.8 26.6

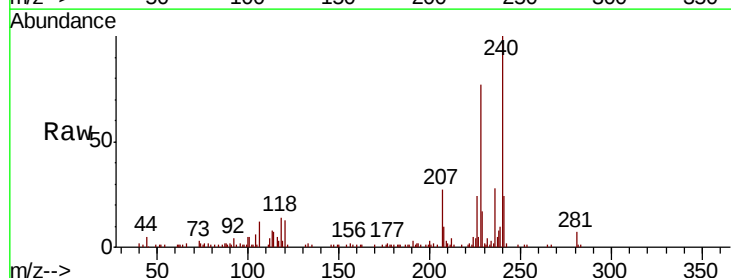


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

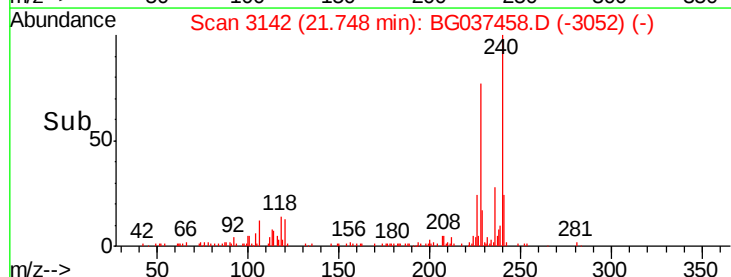
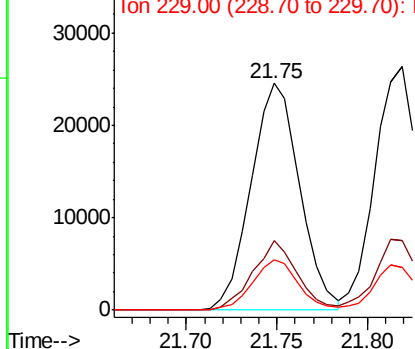


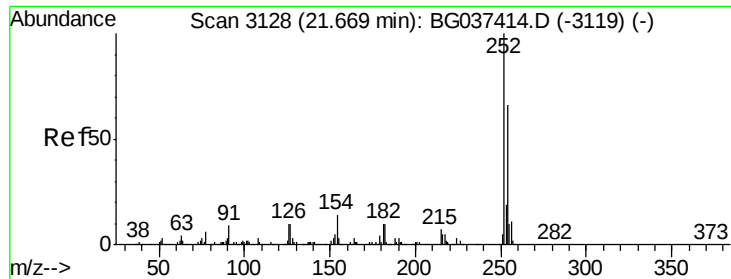
#81
Benzo(a)anthracene
Concen: 2.347 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG037458.D
Acq: 19 Oct 2018 17:54

Tgt Ion:228 Resp: 45686
Ion Ratio Lower Upper
228 100
226 30.5 22.6 33.8
229 22.4 16.3 24.5



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





#82

3,3'-Dichlorobenzidine

Concen: 1.263 ng

RT: 21.67 min Scan# 3128

Delta R.T. -0.00 min

Lab File: BG037458.D

Acq: 19 Oct 2018 17:54

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

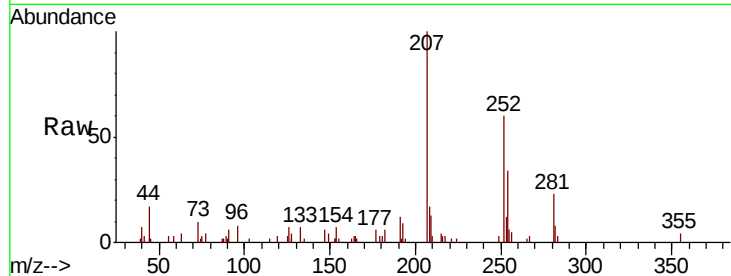
Tgt Ion:252 Resp: 9534

Ion Ratio Lower Upper

252 100

254 56.1 52.0 78.0

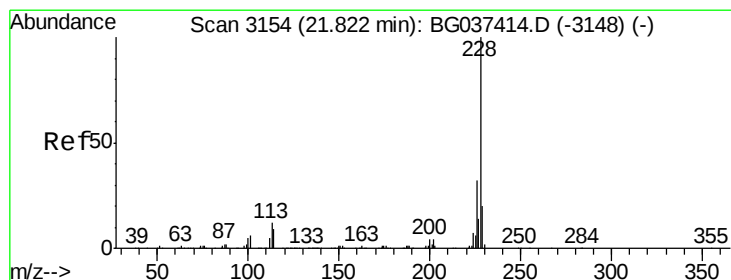
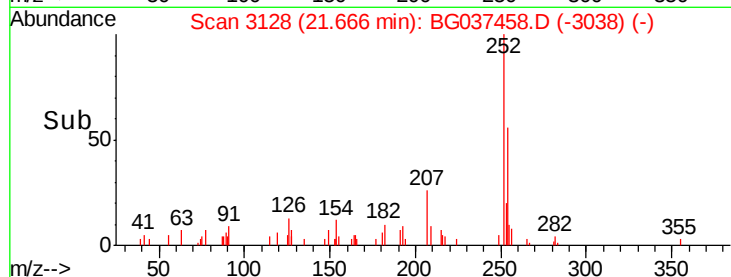
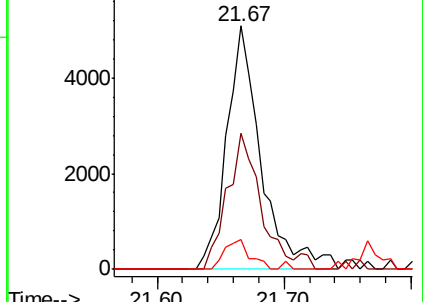
126 12.5 8.2 12.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83

Chrysene

Concen: 2.452 ng

RT: 21.82 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BG037458.D

Acq: 19 Oct 2018 17:54

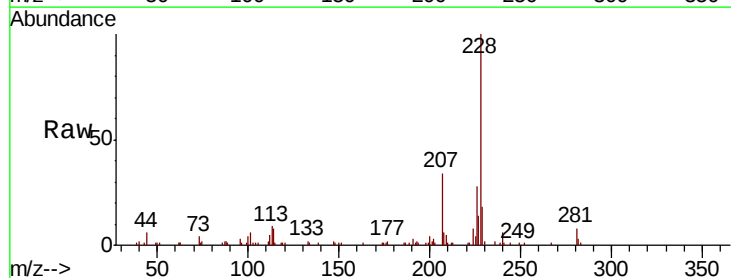
Tgt Ion:228 Resp: 45894

Ion Ratio Lower Upper

228 100

226 28.5 25.7 38.5

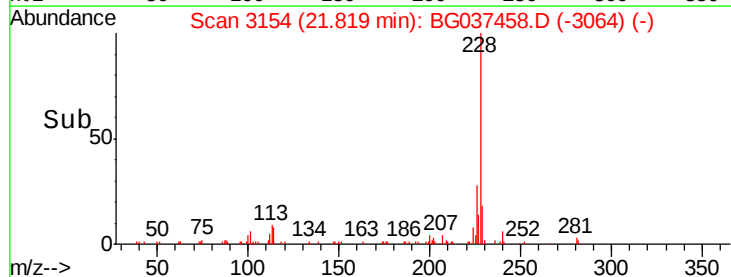
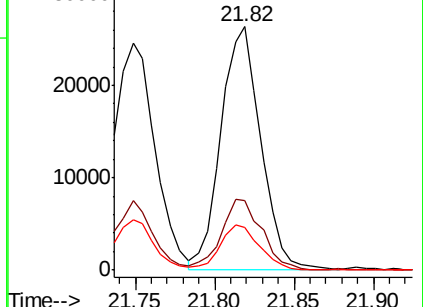
229 17.8 16.5 24.7

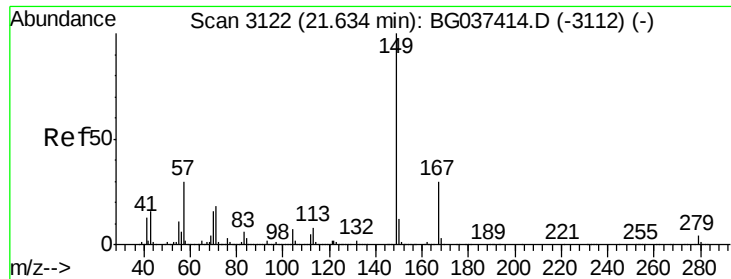


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 1.703 ng

RT: 21.63 min Scan# 3122

Delta R.T. -0.00 min

Lab File: BG037458.D

Acq: 19 Oct 2018 17:54

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

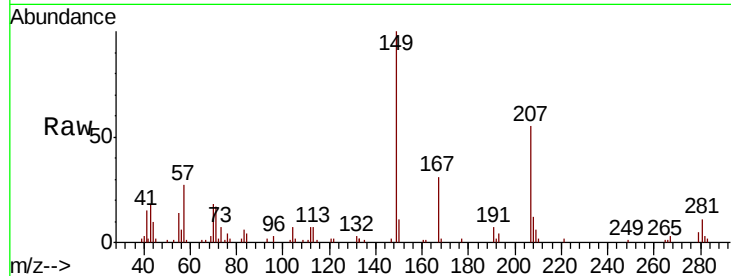
Tgt Ion:149 Resp: 21019

Ion Ratio Lower Upper

149 100

167 30.9 23.0 34.4

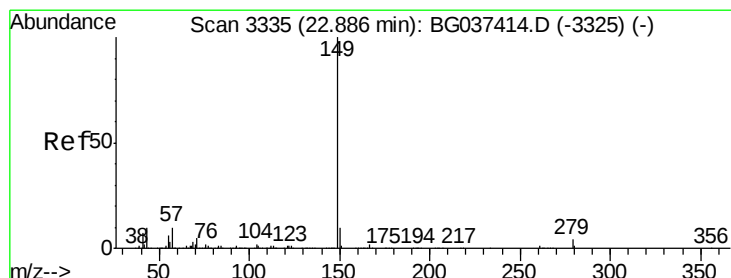
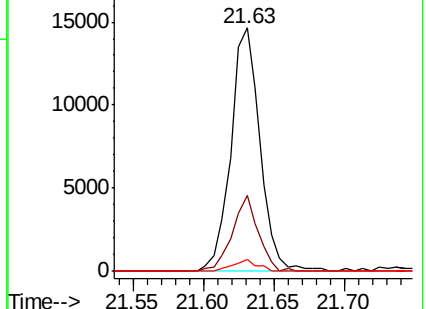
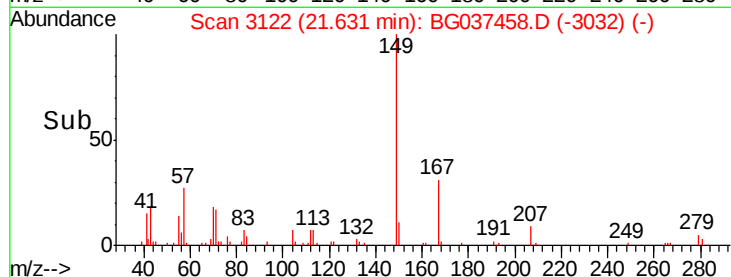
279 4.9 3.6 5.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 1.585 ng

RT: 22.88 min Scan# 3334

Delta R.T. -0.01 min

Lab File: BG037458.D

Acq: 19 Oct 2018 17:54

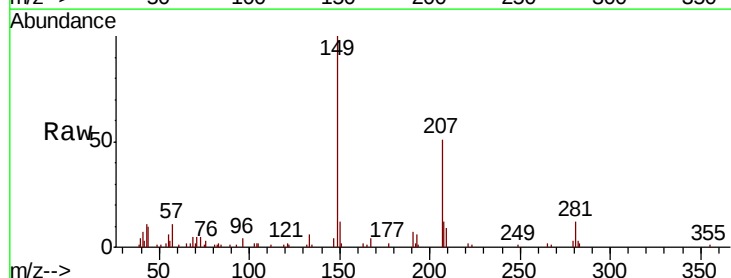
Tgt Ion:149 Resp: 31899

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

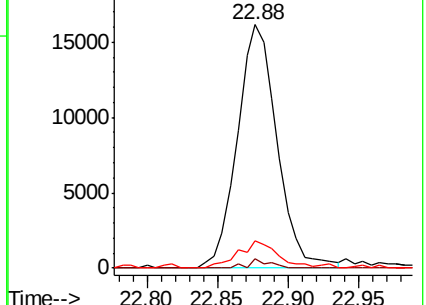
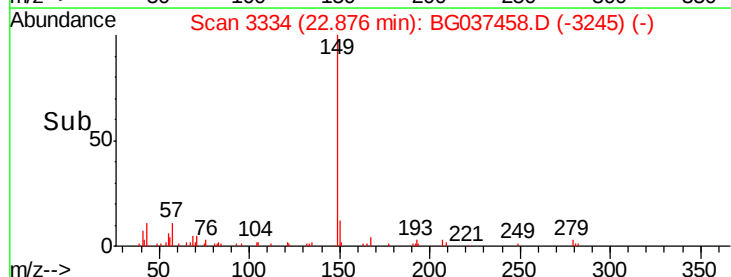
43 11.5 8.7 13.1

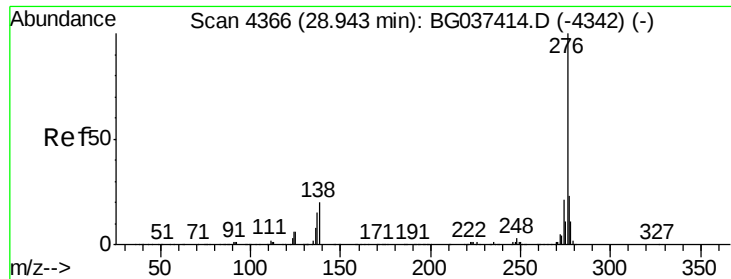


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGO

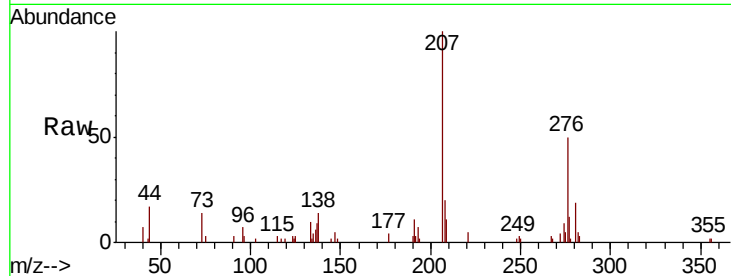




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 1.004 ng
 RT: 28.92 min Scan# 4363
 Delta R.T. -0.02 min
 Lab File: BG037458.D
 Acq: 19 Oct 2018 17:54

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

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.6	12.0	18.0#
277	10.5	20.6	30.8#

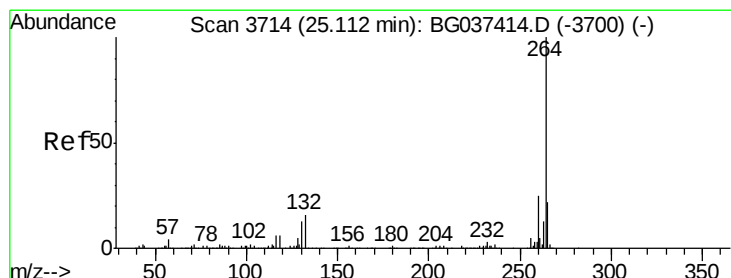
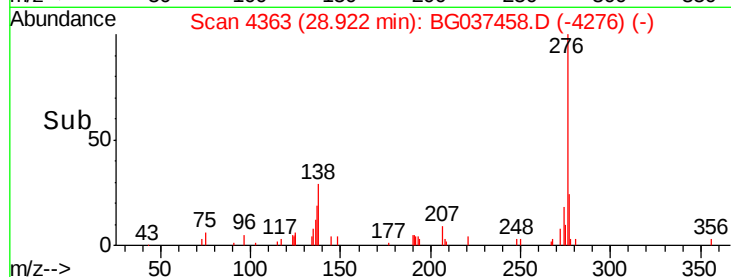
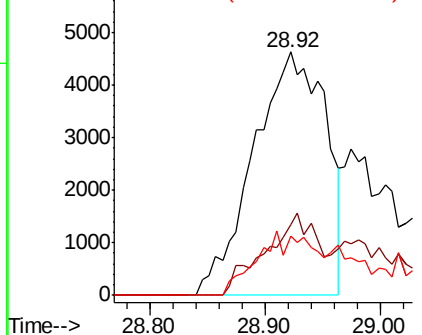


Abundance

Ion 276.00 (275.70 to 276.70): E

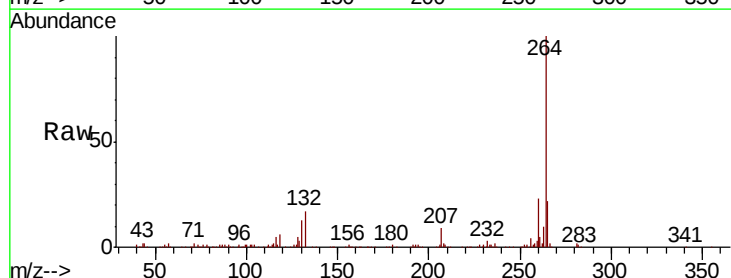
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.10 min Scan# 3713
 Delta R.T. -0.01 min
 Lab File: BG037458.D
 Acq: 19 Oct 2018 17:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.4
265	21.5	17.9	26.9

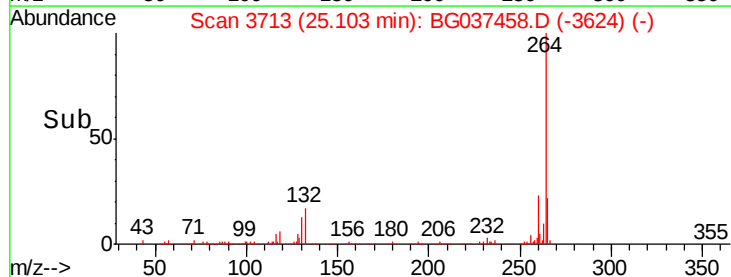
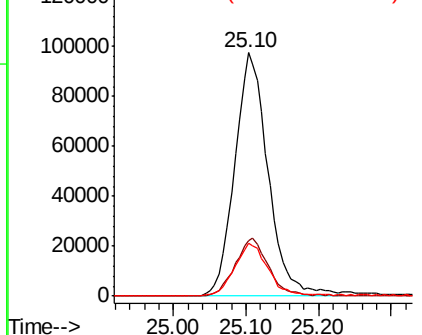


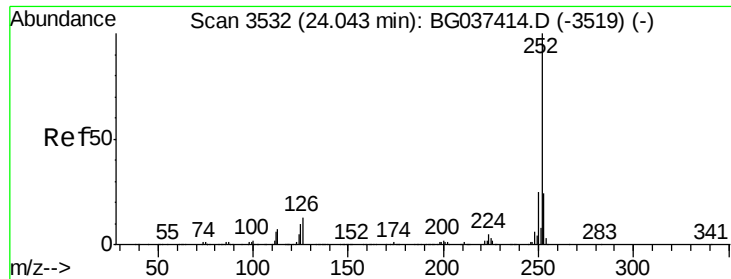
Abundance

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

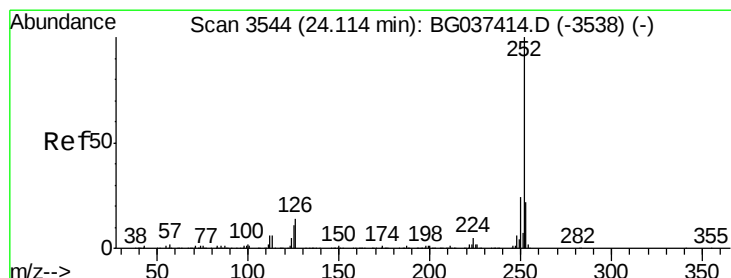
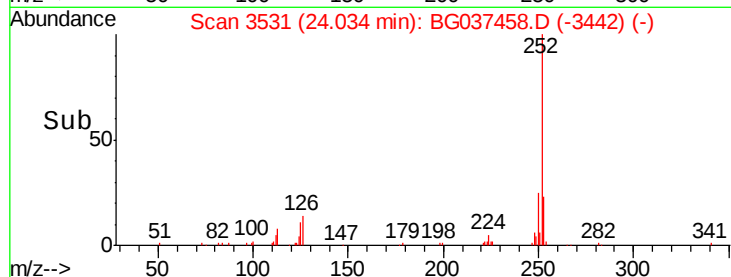
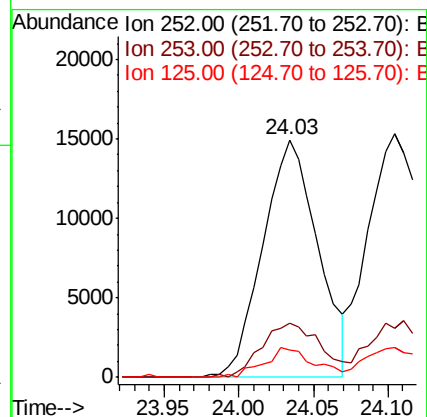
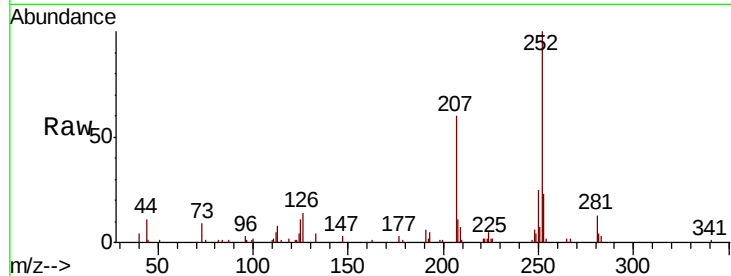




#88
Benzo(b)fluoranthene
Concen: 2.238 ng
RT: 24.03 min Scan# 3531
Delta R.T. -0.01 min
Lab File: BG037458.D
Acq: 19 Oct 2018 17:54

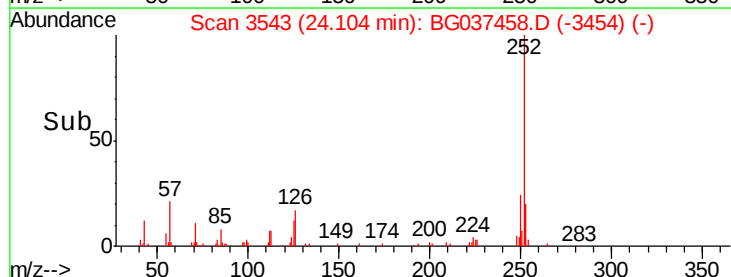
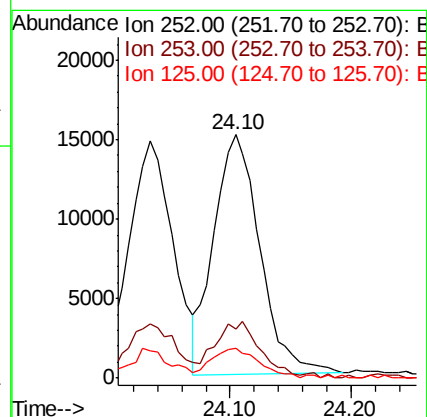
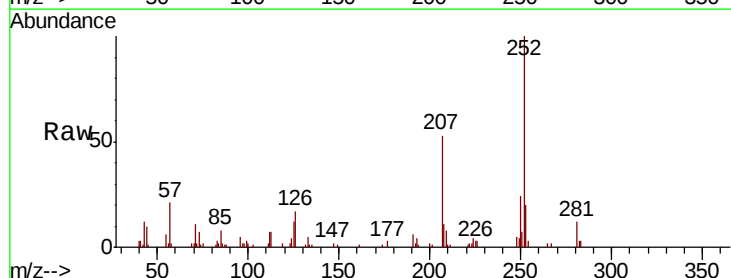
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

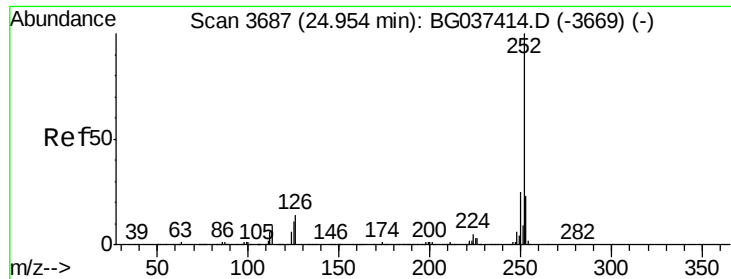
Tgt Ion:252 Resp: 38286
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.2
125 11.3 7.8 11.6



#89
Benzo(k)fluoranthene
Concen: 2.383 ng
RT: 24.10 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG037458.D
Acq: 19 Oct 2018 17:54

Tgt Ion:252 Resp: 39929
Ion Ratio Lower Upper
252 100
253 20.3 17.4 26.2
125 12.0 7.4 11.0#





#90

Benzo(a)pyrene

Concen: 2.204 ng

RT: 24.95 min Scan# 3687

Delta R.T. -0.00 min

Lab File: BG037458.D

Acq: 19 Oct 2018 17:54

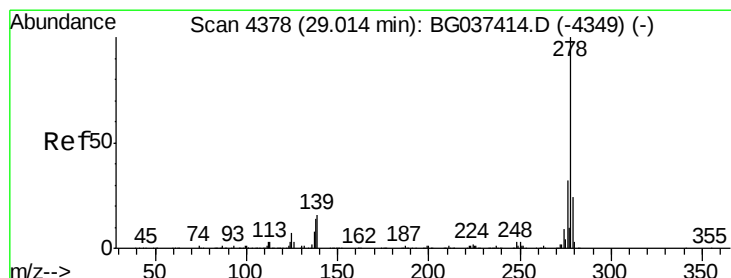
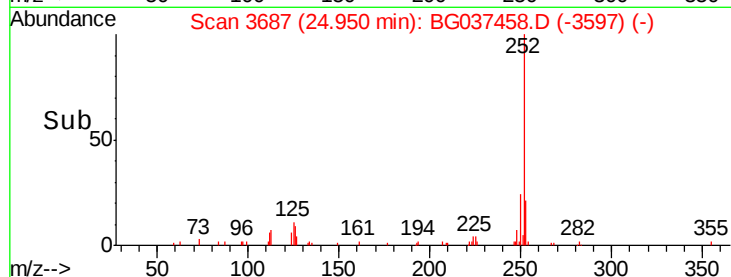
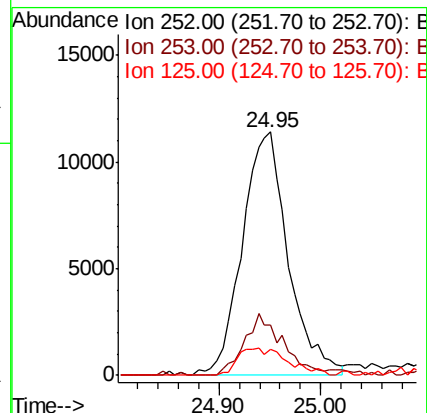
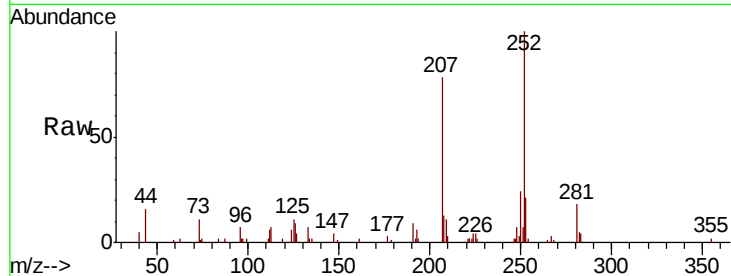
Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

Tgt Ion:	252	Resp:	35817
Ion	Ratio	Lower	Upper
252	100		
253	20.6	17.4	26.2
125	10.6	9.0	13.6



#91

Dibenzo(a,h)anthracene

Concen: 1.453 ng

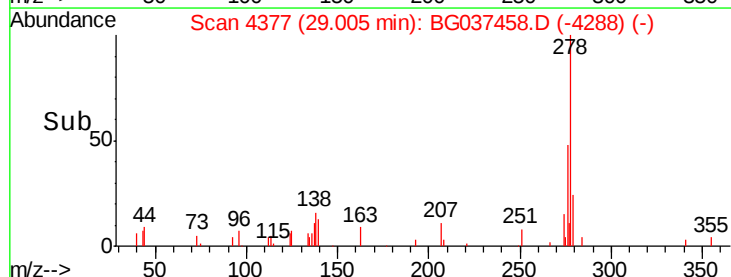
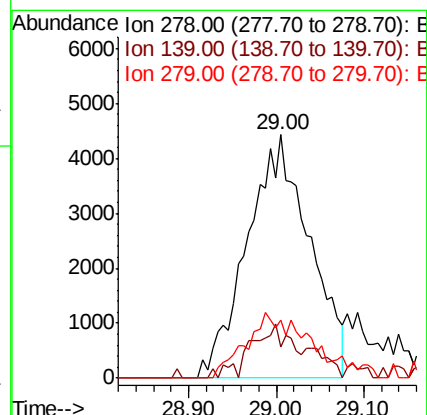
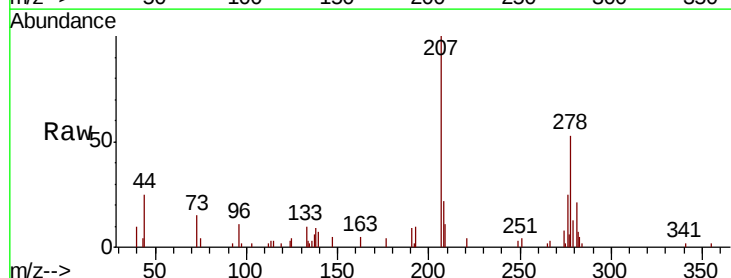
RT: 29.00 min Scan# 4377

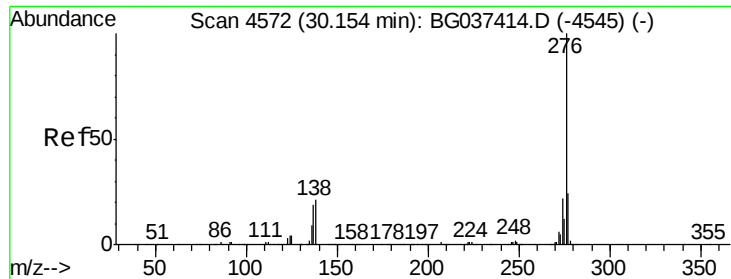
Delta R.T. -0.01 min

Lab File: BG037458.D

Acq: 19 Oct 2018 17:54

Tgt Ion:	278	Resp:	21781
Ion	Ratio	Lower	Upper
278	100		
139	13.0	11.5	17.3
279	23.7	18.6	27.8





#92

Benzo(g,h,i)perylene

Concen: 0.852 ng

RT: 30.11 min Scan# 4566

Delta R.T. -0.04 min

Lab File: BG037458.D

Acq: 19 Oct 2018 17:54

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

Tgt Ion: 276 Resp: 12922

Ion Ratio Lower Upper

276 100

277 25.3 18.9 28.3

138 15.0 17.2 25.8#

