

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032719\
 Data File : BG040189.D
 Acq On : 28 Mar 2019 2:27
 Operator : JU/SJ
 Sample : K1560-07
 Misc : LOD 16PPM
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2019

Quant Time: Mar 28 06:42:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	58267	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	244300	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	151878	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	355602	20.00	ng	0.00
76) Chrysene-d12	21.72	240	354080	20.00	ng	0.00
87) Perylene-d12	25.02	264	368081	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	385308	109.93	ng	0.00
7) Phenol-d6	7.22	99	530399	109.50	ng	0.00
23) Nitrobenzene-d5	9.25	82	313369	68.18	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	189425	115.40	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	714048	69.66	ng	0.00
79) Terphenyl-d14	20.05	244	1103014	70.08	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.52	88	23273	14.121	ng	# 93
3) Pyridine	3.93	79	61167	13.784	ng	97
4) n-Nitrosodimethylamine	3.85	42	27886	13.586	ng	# 85
6) Aniline	7.40	93	83970	13.343	ng	94
8) 2-Chlorophenol	7.63	128	56037	13.658	ng	95
9) Benzaldehyde	7.21	77	49180	14.801	ng	94
10) Phenol	7.25	94	71097	13.522	ng	96
11) bis(2-Chloroethyl)ether	7.49	93	59760	14.191	ng	98
12) 1,3-Dichlorobenzene	7.95	146	63460	14.228	ng	94
13) 1,4-Dichlorobenzene	8.11	146	63312	14.252	ng	97
14) 1,2-Dichlorobenzene	8.42	146	59705	14.055	ng	100
15) Benzyl Alcohol	8.31	79	50861	13.038	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.59	45	111027	13.738	ng	97
17) 2-Methylphenol	8.51	107	48754	13.401	ng	96
18) Hexachloroethane	9.15	117	23846	14.112	ng	95
19) n-Nitroso-di-n-propylamine	8.87	70	47528	13.685	ng	94
20) 3+4-Methylphenols	8.84	107	65815	13.354	ng	98
22) Acetophenone	8.89	105	87699	14.391	ng	# 98
24) Nitrobenzene	9.29	77	68818	14.459	ng	97
25) Isophorone	9.79	82	134811	14.255	ng	# 97
26) 2-Nitrophenol	10.00	139	30956	13.726	ng	98
27) 2,4-Dimethylphenol	10.04	122	50989	14.234	ng	95
28) bis(2-Chloroethoxy)methane	10.28	93	80260	14.345	ng	99
29) 2,4-Dichlorophenol	10.53	162	53356	13.722	ng	99
30) 1,2,4-Trichlorobenzene	10.75	180	61325	14.364	ng	92
31) Naphthalene	10.93	128	185078	14.780	ng	98
32) Benzoic acid	10.14	122	19604	9.058	ng	# 81
33) 4-Chloroaniline	11.05	127	76278	14.281	ng	96
34) Hexachlorobutadiene	11.20	225	39870	14.602	ng	96
35) Caprolactam	11.82	113	20245	13.120	ng	96
36) 4-Chloro-3-methylphenol	12.15	107	61559	13.771	ng	96
37) 2-Methylnaphthalene	12.53	142	136105	14.696	ng	98
38) 1-Methylnaphthalene	12.75	142	134415	14.967	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	71609	14.834	ng	98

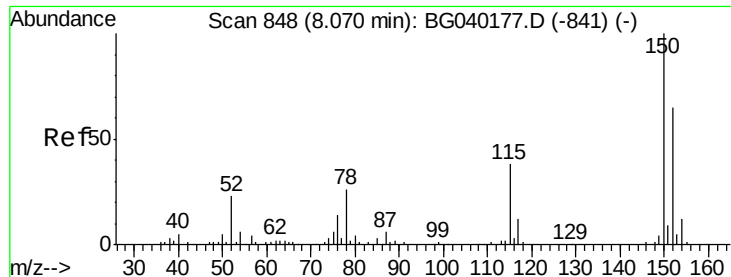
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032719\
 Data File : BG040189.D
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 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	30713	11.588	ng	93
43) 2,4,6-Trichlorophenol	13.14	196	41109	13.209	ng	98
44) 2,4,5-Trichlorophenol	13.21	196	45341	13.366	ng	96
46) 1,1'-Biphenyl	13.53	154	173696	14.474	ng	99
47) 2-Chloronaphthalene	13.58	162	132958	14.444	ng	99
48) 2-Nitroaniline	13.79	65	41855	13.480	ng	92
49) Acenaphthylene	14.42	152	229675	14.716	ng	98
50) Dimethylphthalate	14.15	163	177959	14.971	ng	100
51) 2,6-Dinitrotoluene	14.28	165	38037	14.252	ng	94
52) Acenaphthene	14.76	154	129851	14.520	ng	98
53) 3-Nitroaniline	14.62	138	39681	14.045	ng	# 95
54) 2,4-Dinitrophenol	14.82	184	14395	10.141	ng	# 90
55) Dibenzofuran	15.09	168	216759	15.084	ng	99
56) 4-Nitrophenol	14.91	139	29560	12.964	ng	98
57) 2,4-Dinitrotoluene	15.06	165	51492	13.885	ng	# 94
58) Fluorene	15.75	166	171882	15.213	ng	92
59) 2,3,4,6-Tetrachlorophenol	15.32	232	44261	14.378	ng	99
60) Diethylphthalate	15.50	149	178630	14.686	ng	99
61) 4-Chlorophenyl-phenylether	15.73	204	87973	14.567	ng	95
62) 4-Nitroaniline	15.77	138	41780	13.780	ng	92
63) Azobenzene	16.02	77	169683	14.789	ng	99
65) 4,6-Dinitro-2-methylphenol	15.82	198	24252	12.139	ng	95
66) n-Nitrosodiphenylamine	15.95	169	153441	14.746	ng	96
67) 4-Bromophenyl-phenylether	16.63	248	58880	14.714	ng	94
68) Hexachlorobenzene	16.74	284	59152	14.701	ng	97
69) Atrazine	16.89	200	54515	14.083	ng	96
70) Pentachlorophenol	17.09	266	28268	12.152	ng	90
71) Phenanthrene	17.49	178	284082	15.199	ng	98
72) Anthracene	17.58	178	281906	15.068	ng	99
73) Carbazole	17.85	167	268868	15.186	ng	98
74) Di-n-butylphthalate	18.38	149	307792	14.666	ng	99
75) Fluoranthene	19.49	202	346561	15.658	ng	98
77) Benzidine	19.68	184	146046	11.422	ng	98
78) Pyrene	19.86	202	354631	15.230	ng	98
80) Butylbenzylphthalate	20.72	149	133904	13.439	ng	98
81) Benzo(a)anthracene	21.70	228	326144	14.954	ng	99
82) 3,3'-Dichlorobenzidine	21.61	252	113482	13.678	ng	99
83) Chrysene	21.77	228	315232	15.040	ng	96
84) Bis(2-ethylhexyl)phthalate	21.57	149	190559	13.379	ng	99
85) Di-n-octyl phthalate	22.80	149	325383	13.409	ng	99
86) Indeno(1,2,3-cd)pyrene	28.80	276	364390	14.214	ng	# 84
88) Benzo(b)fluoranthene	23.97	252	324631	14.405	ng	98
89) Benzo(k)fluoranthene	23.97	252	324631	15.665	ng	99
90) Benzo(a)pyrene	24.86	252	307877	14.561	ng	98
91) Dibenzo(a,h)anthracene	28.86	278	299486	15.251	ng	99
92) Benzo(g,h,i)perylene	29.99	276	291371	14.437	ng	97

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

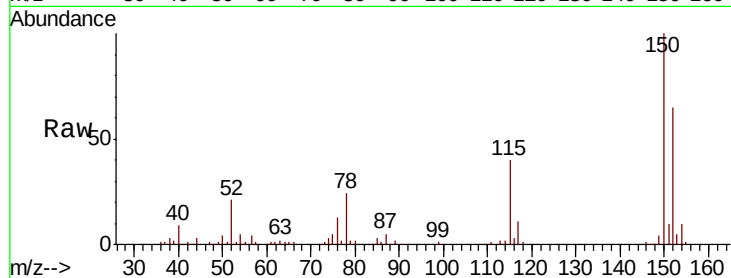


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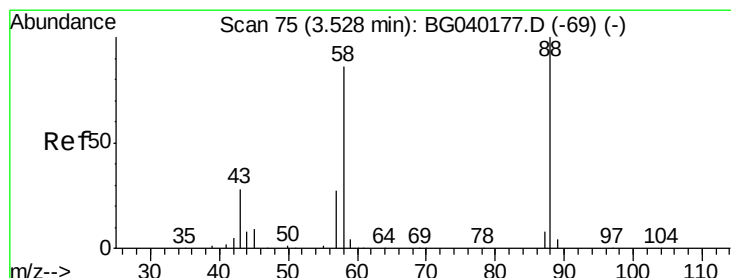
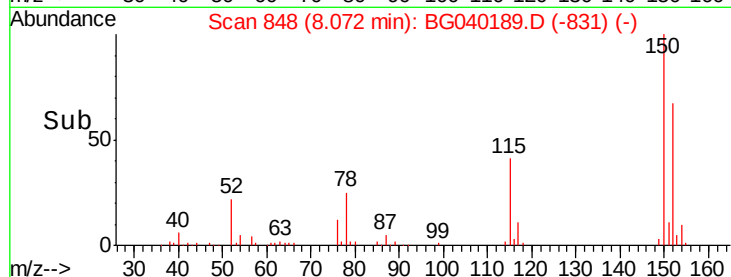
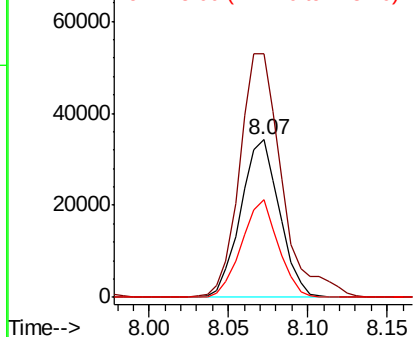
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. 0.00 min
Lab File: BG040189.D
Acq: 28 Mar 2019 2:27

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tgt Ion:152 Resp: 58267
Ion Ratio Lower Upper
152 100
150 154.3 123.7 185.5
115 61.8 46.9 70.3



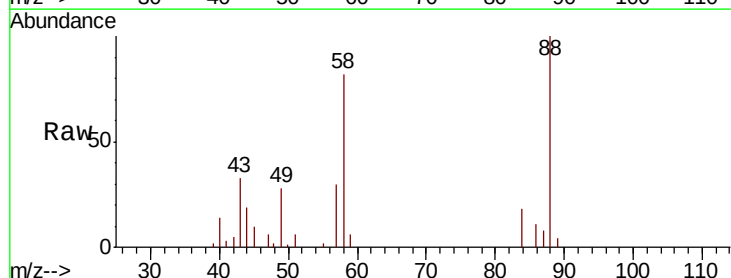
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



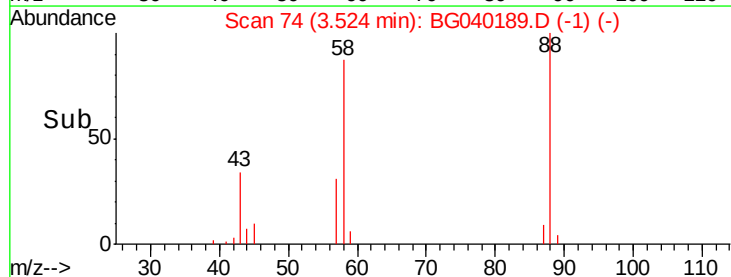
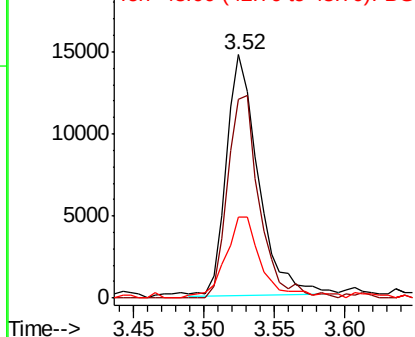
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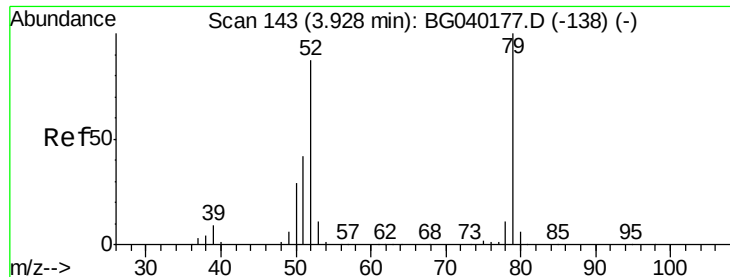
1,4-Dioxane
Concen: 14.121 ng
RT: 3.52 min Scan# 74
Delta R.T. -0.00 min
Lab File: BG040189.D
Acq: 28 Mar 2019 2:27

Tgt Ion: 88 Resp: 23273
Ion Ratio Lower Upper
88 100
58 83.2 70.6 106.0
43 38.0 24.8 37.2#



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: 13.784 ng

RT: 3.93 min Scan# 143

Delta R.T. 0.00 min

Lab File: BG040189.D

Acq: 28 Mar 2019 2:27

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

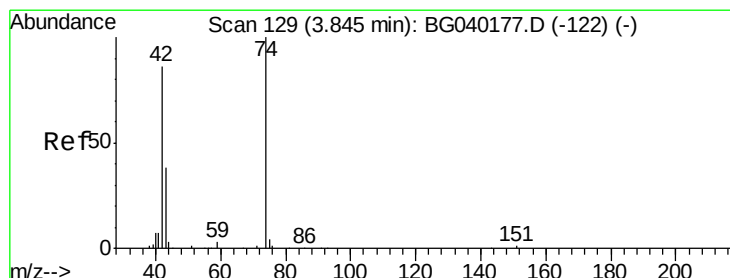
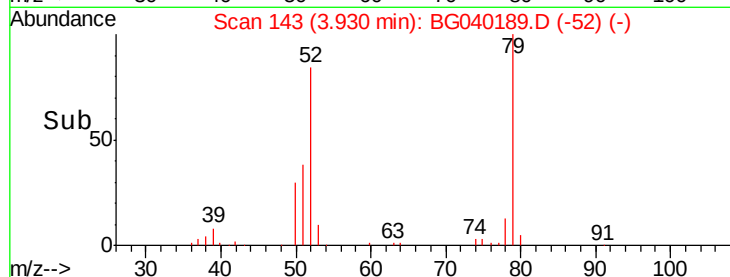
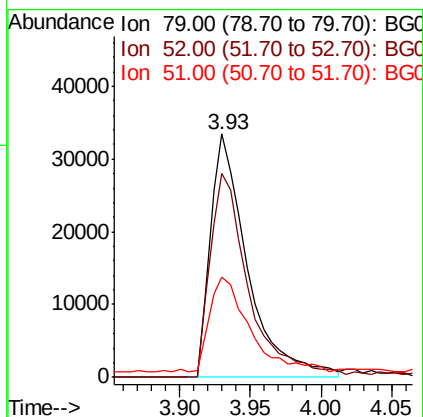
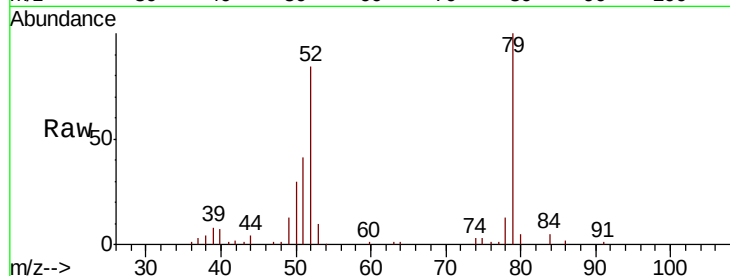
Tgt Ion: 79 Resp: 61167

Ion Ratio Lower Upper

79 100

52 83.6 69.8 104.8

51 41.4 33.9 50.9



#4

n-Nitrosodimethylamine

Concen: 13.586 ng

RT: 3.85 min Scan# 130

Delta R.T. 0.01 min

Lab File: BG040189.D

Acq: 28 Mar 2019 2:27

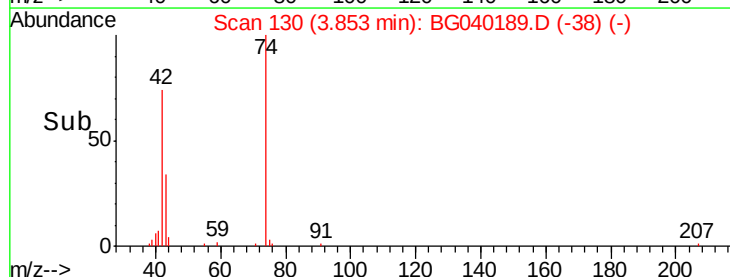
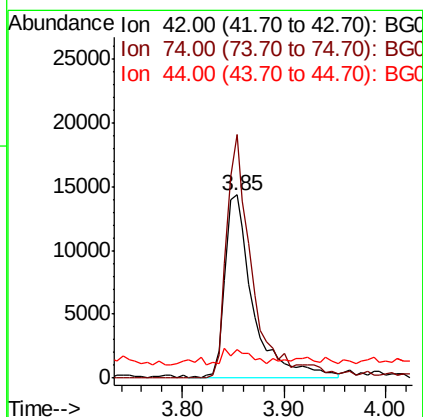
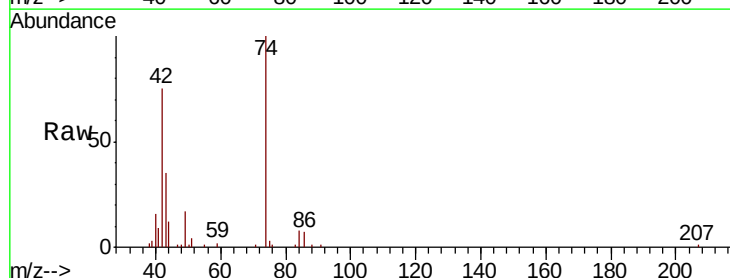
Tgt Ion: 42 Resp: 27886

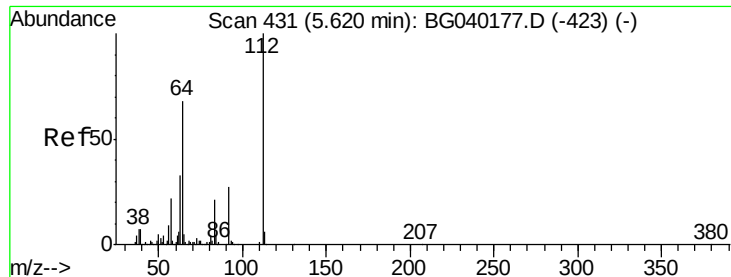
Ion Ratio Lower Upper

42 100

74 133.1 92.9 139.3

44 15.7 9.7 14.5#





#5

2-Fluorophenol

Concen: 109.932 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG040189.D

Acq: 28 Mar 2019 2:27

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

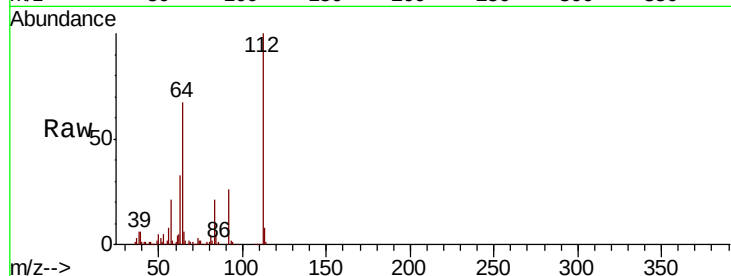
Tgt Ion: 112 Resp: 385308

Ion Ratio Lower Upper

112 100

64 66.6 54.2 81.2

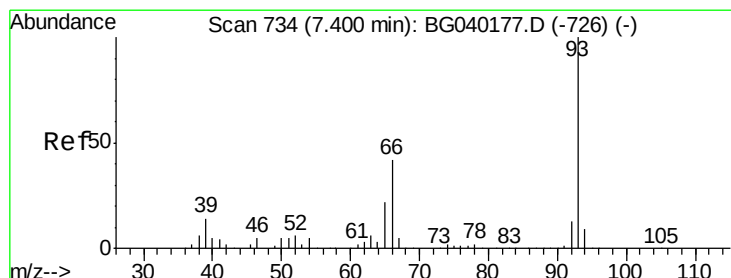
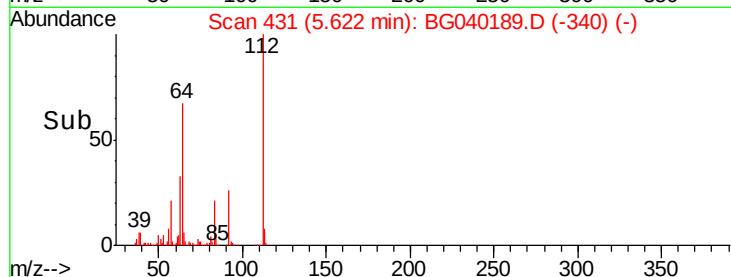
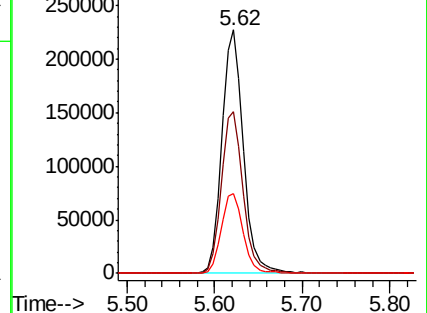
63 32.9 26.4 39.6



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: 13.343 ng

RT: 7.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BG040189.D

Acq: 28 Mar 2019 2:27

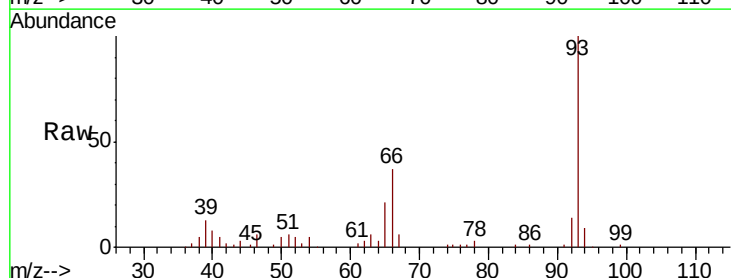
Tgt Ion: 93 Resp: 83970

Ion Ratio Lower Upper

93 100

66 36.8 33.6 50.4

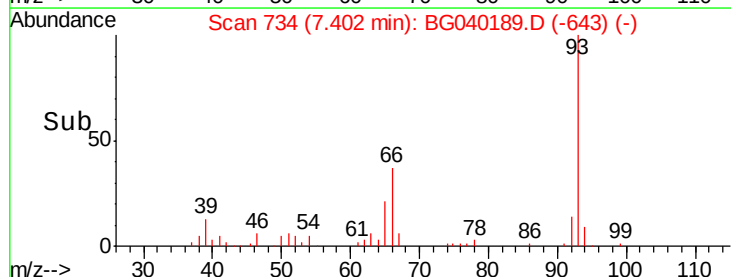
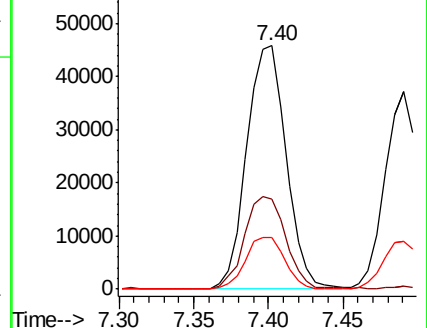
65 21.4 17.4 26.2

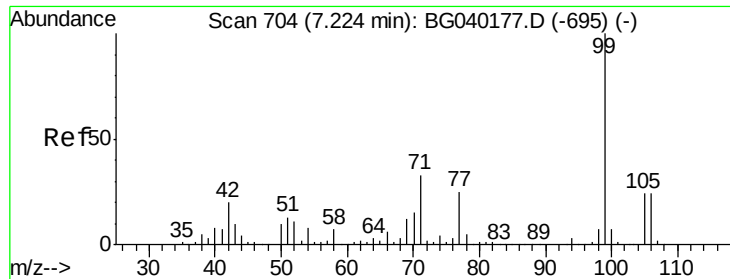


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 109.498 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.00 min

Lab File: BG040189.D

Acq: 28 Mar 2019 2:27

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

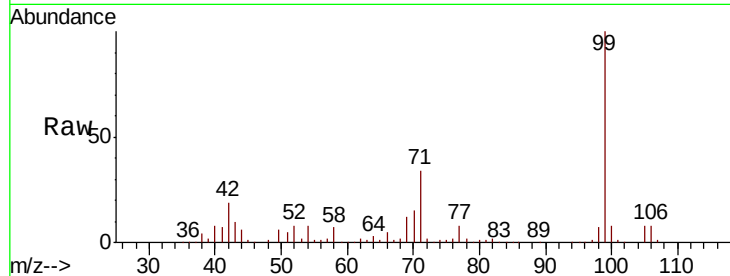
Tgt Ion: 99 Resp: 530399

Ion Ratio Lower Upper

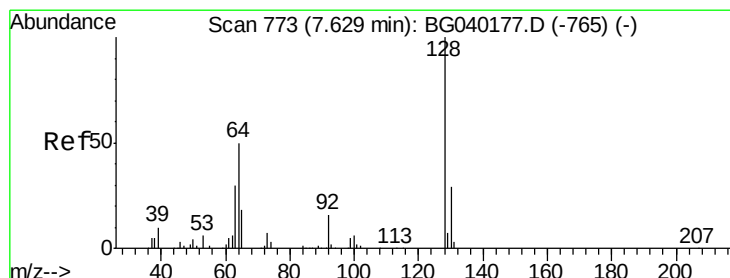
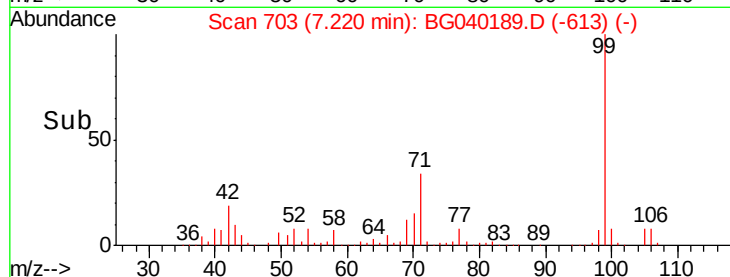
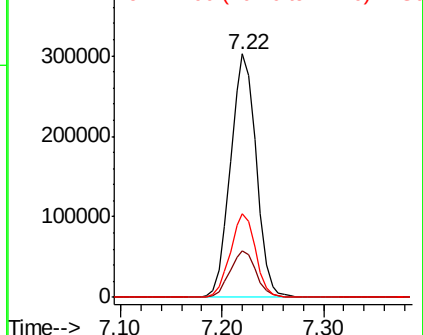
99 100

42 18.9 16.2 24.2

71 34.3 26.8 40.2



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: 13.658 ng

RT: 7.63 min Scan# 773

Delta R.T. 0.00 min

Lab File: BG040189.D

Acq: 28 Mar 2019 2:27

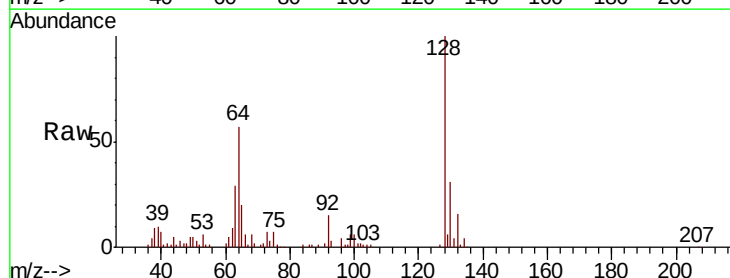
Tgt Ion: 128 Resp: 56037

Ion Ratio Lower Upper

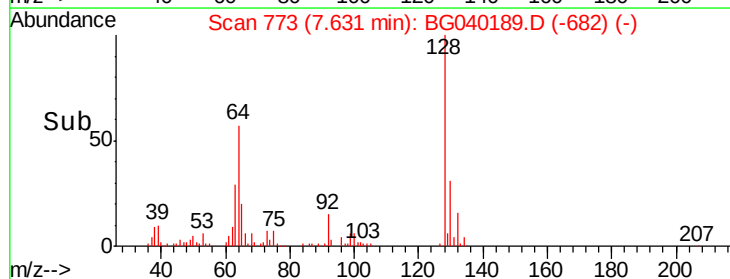
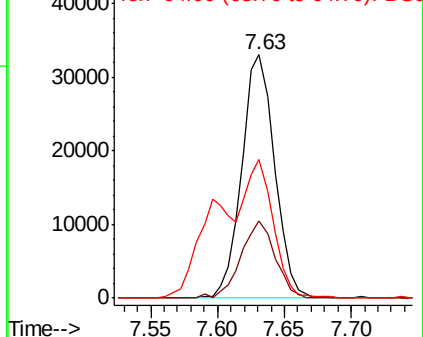
128 100

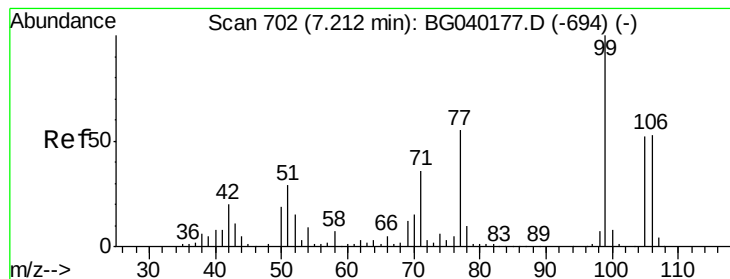
130 31.5 9.1 49.1

64 56.9 33.1 73.1



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: 14.801 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG040189.D

Acq: 28 Mar 2019 2:27

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

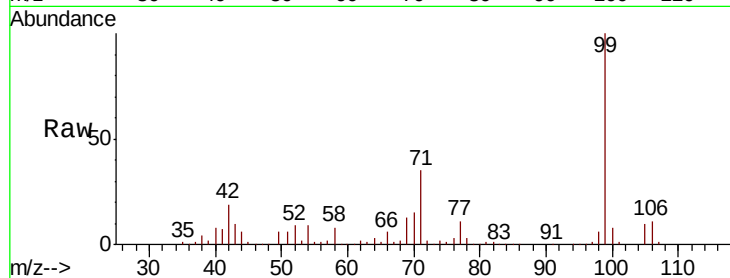
Tgt Ion: 77 Resp: 49180

Ion Ratio Lower Upper

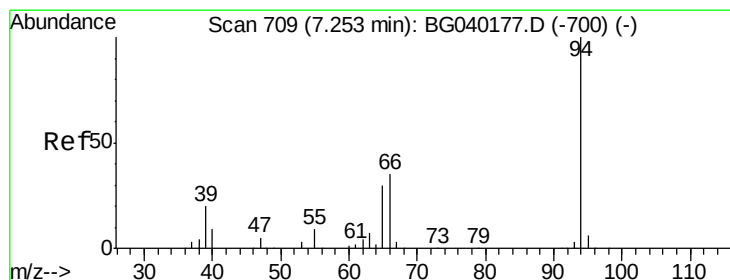
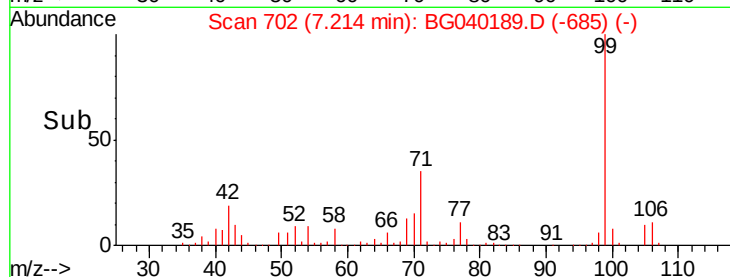
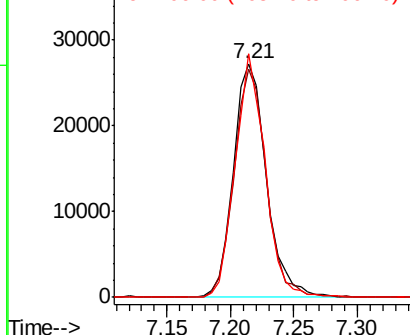
77 100

105 97.6 75.0 115.0

106 104.1 75.7 115.7



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: 13.522 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.00 min

Lab File: BG040189.D

Acq: 28 Mar 2019 2:27

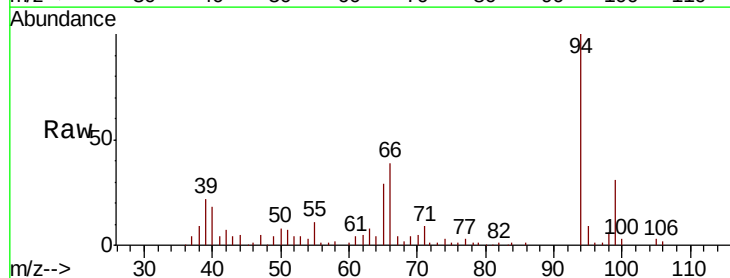
Tgt Ion: 94 Resp: 71097

Ion Ratio Lower Upper

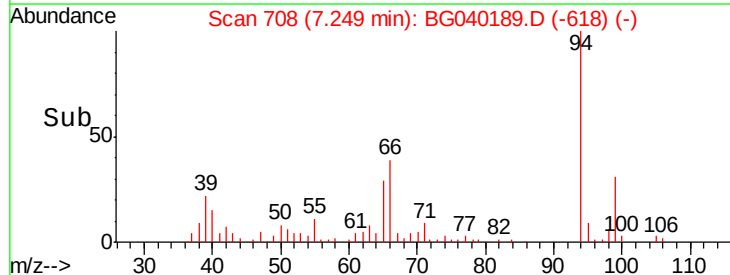
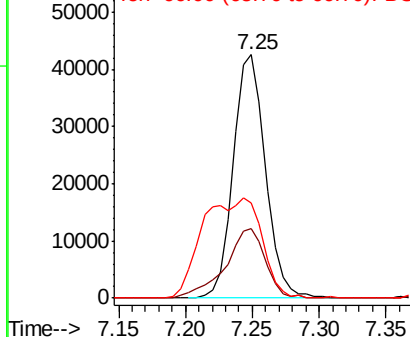
94 100

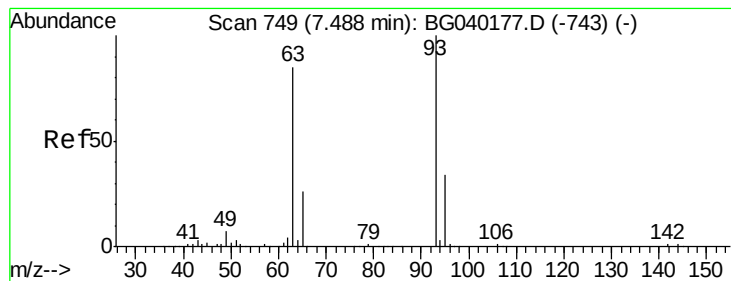
65 28.8 10.5 50.5

66 39.3 16.9 56.9



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: 14.191 ng

RT: 7.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BG040189.D

Acq: 28 Mar 2019 2:27

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

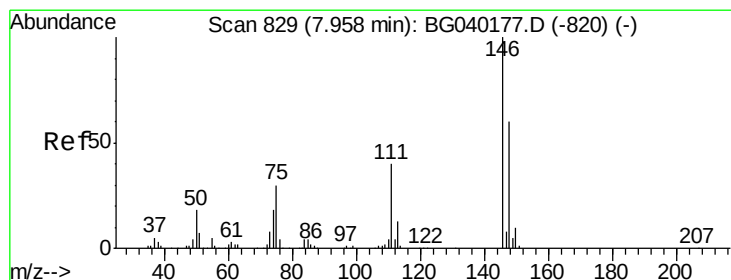
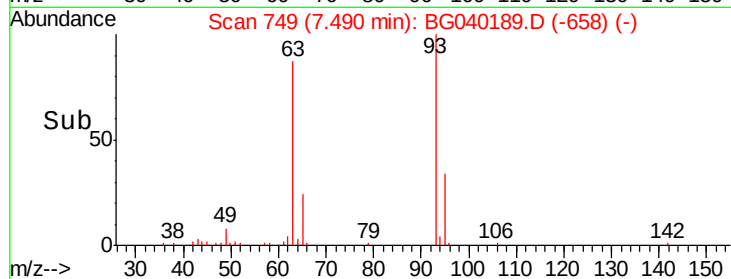
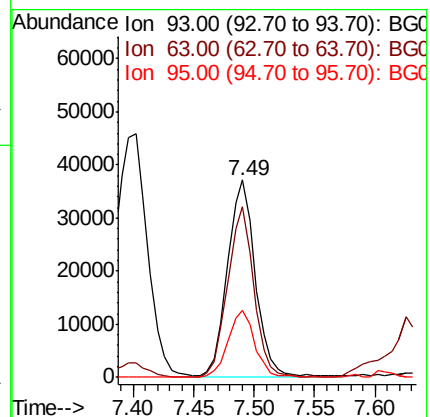
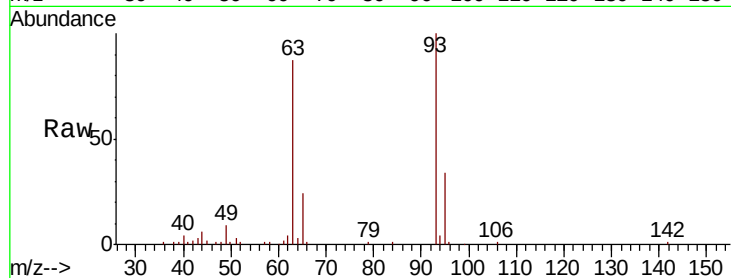
Tgt Ion: 93 Resp: 59760

Ion Ratio Lower Upper

93 100

63 86.7 64.2 104.2

95 34.1 14.0 54.0



#12

1,3-Dichlorobenzene

Concen: 14.228 ng

RT: 7.95 min Scan# 828

Delta R.T. -0.00 min

Lab File: BG040189.D

Acq: 28 Mar 2019 2:27

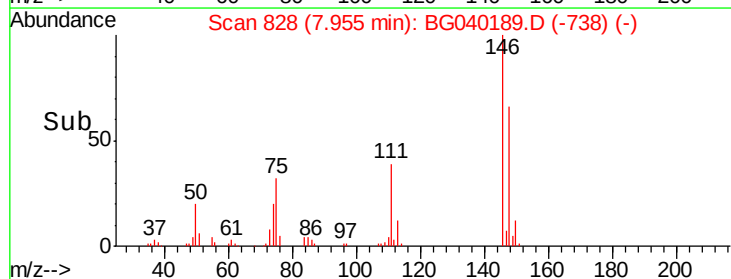
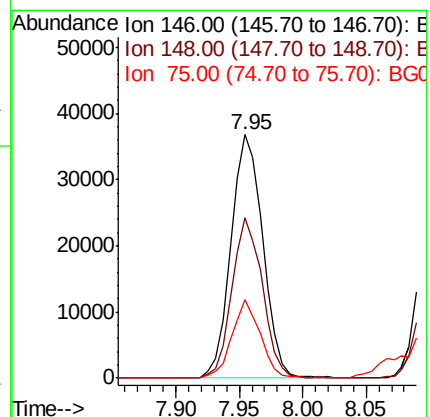
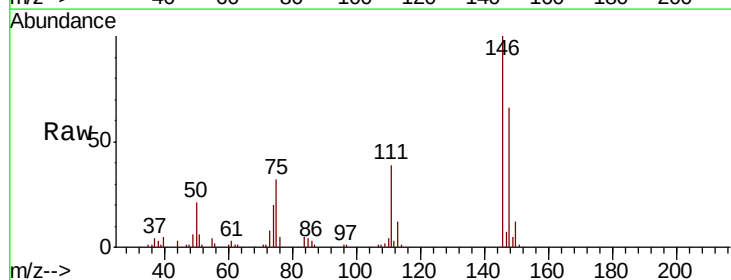
Tgt Ion: 146 Resp: 63460

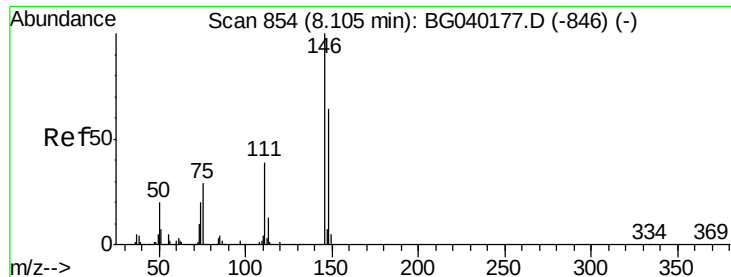
Ion Ratio Lower Upper

146 100

148 66.0 48.2 72.2

75 32.3 24.1 36.1

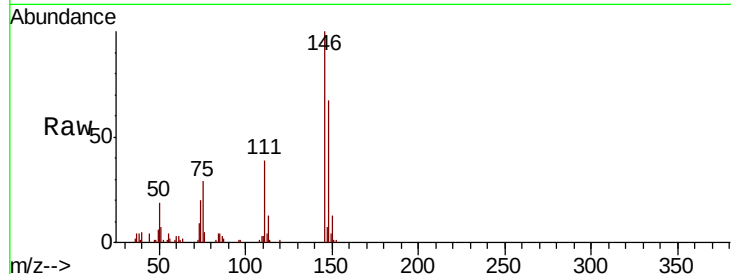




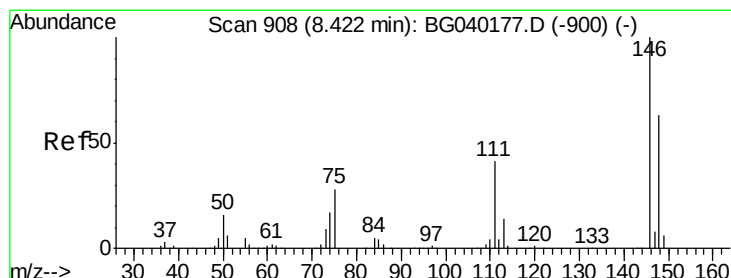
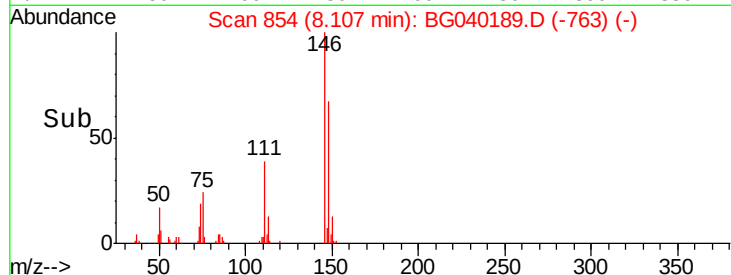
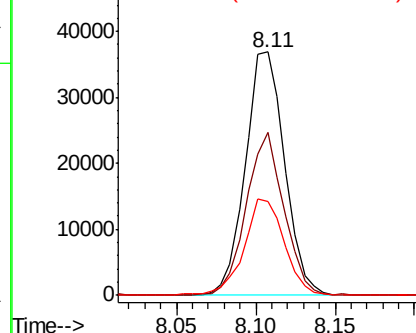
#13
 1,4-Dichlorobenzene
 Concen: 14.252 ng
 RT: 8.11 min Scan# 854
 Delta R.T. 0.00 min
 Lab File: BG040189.D
 Acq: 28 Mar 2019 2:27

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2019

Tgt Ion:146 Resp: 63312
 Ion Ratio Lower Upper
 146 100
 148 67.2 51.0 76.4
 111 38.8 31.8 47.6

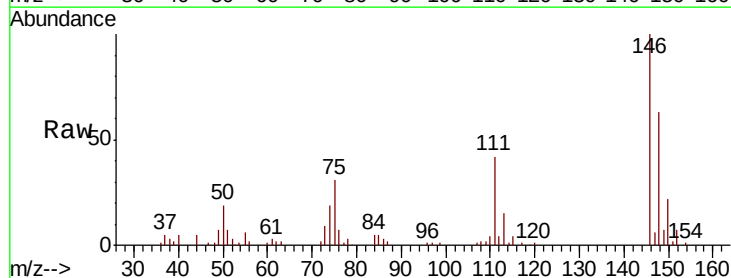


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

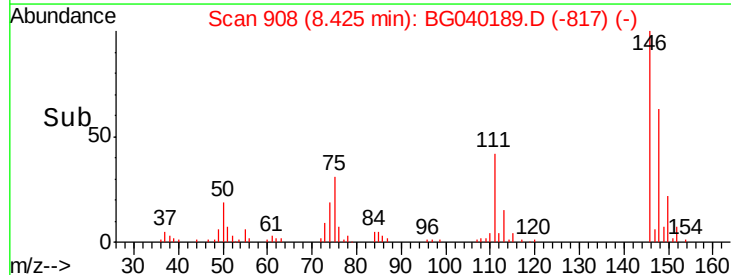
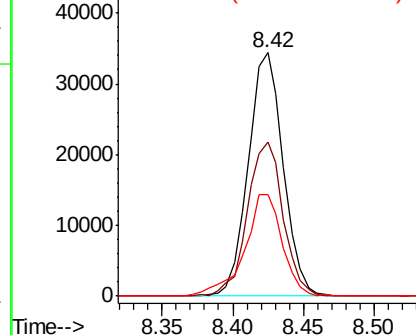


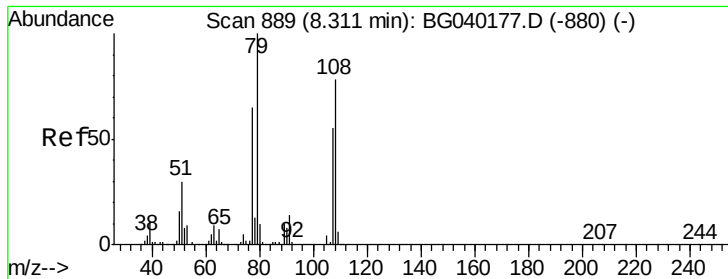
#14
 1,2-Dichlorobenzene
 Concen: 14.055 ng
 RT: 8.42 min Scan# 908
 Delta R.T. 0.00 min
 Lab File: BG040189.D
 Acq: 28 Mar 2019 2:27

Tgt Ion:146 Resp: 59705
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.8 76.2
 111 41.9 33.4 50.0



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





#15

Benzyl Alcohol

Concen: 13.038 ng

RT: 8.31 min Scan# 889

Delta R.T. 0.00 min

Lab File: BG040189.D

Acq: 28 Mar 2019 2:27

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

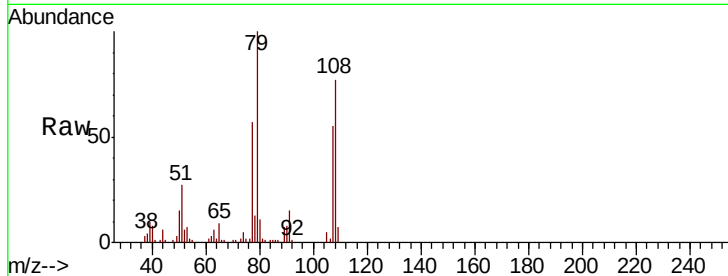
Tgt Ion: 79 Resp: 50861

Ion Ratio Lower Upper

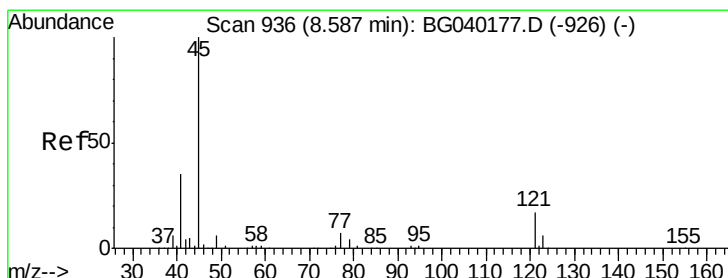
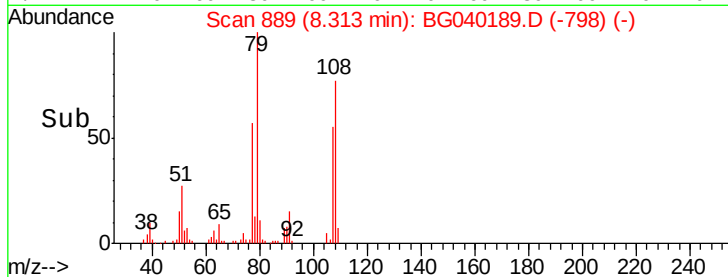
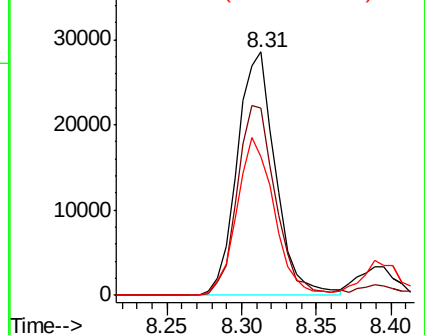
79 100

108 77.1 62.1 93.1

77 57.1 51.9 77.9



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 13.738 ng

RT: 8.59 min Scan# 936

Delta R.T. 0.00 min

Lab File: BG040189.D

Acq: 28 Mar 2019 2:27

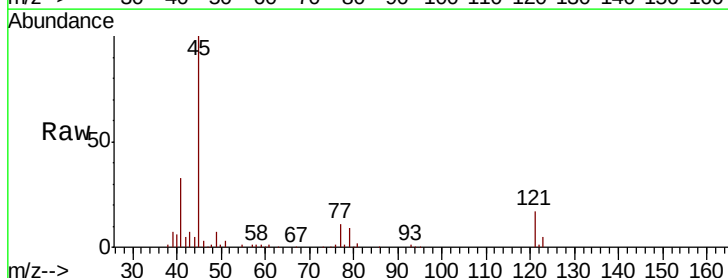
Tgt Ion: 45 Resp: 111027

Ion Ratio Lower Upper

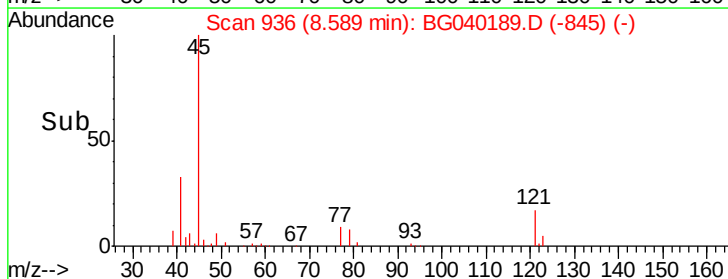
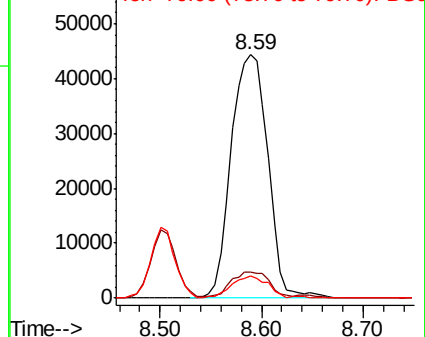
45 100

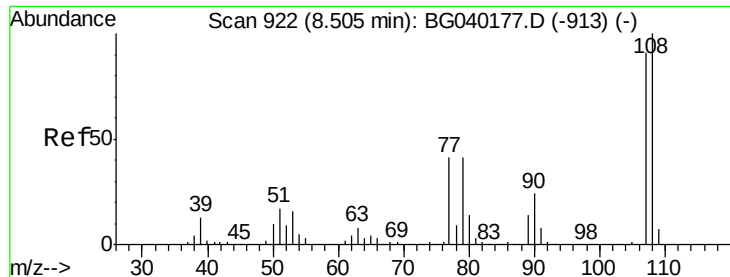
77 10.5 0.0 31.4

79 9.3 0.0 28.3



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

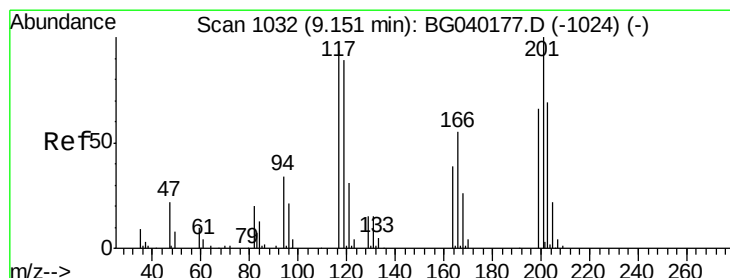
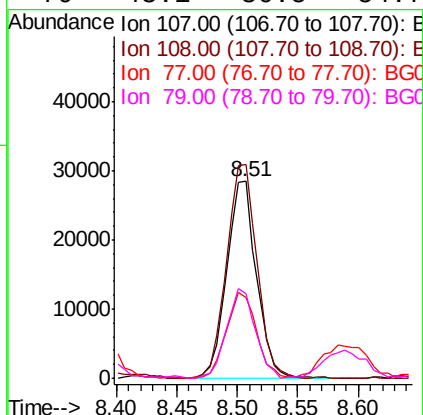
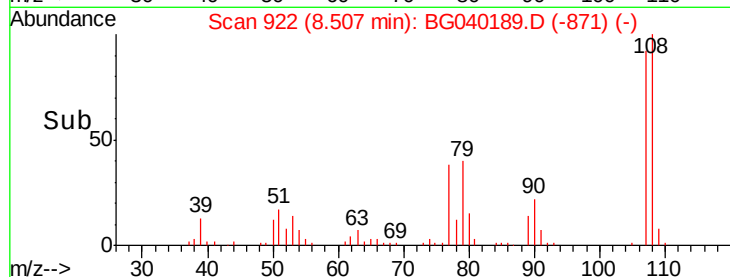
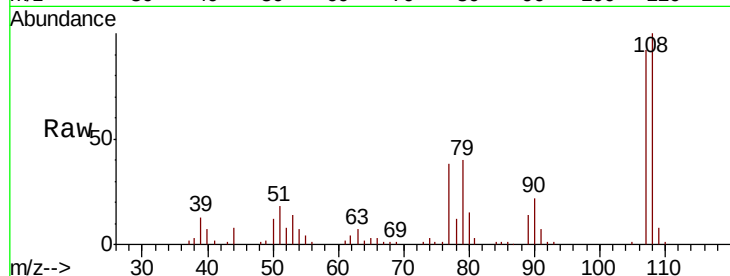




#17
2-Methylphenol
Concen: 13.401 ng
RT: 8.51 min Scan# 922
Delta R.T. 0.00 min
Lab File: BG040189.D
Acq: 28 Mar 2019 2:27

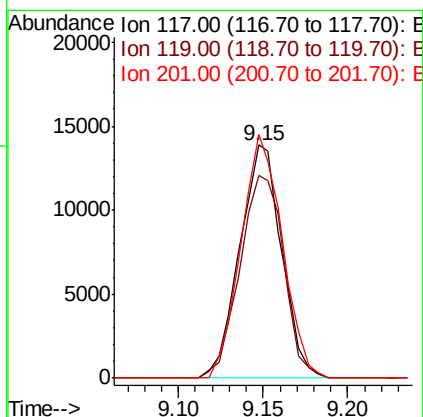
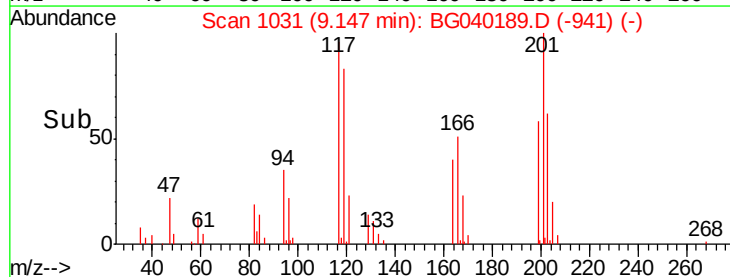
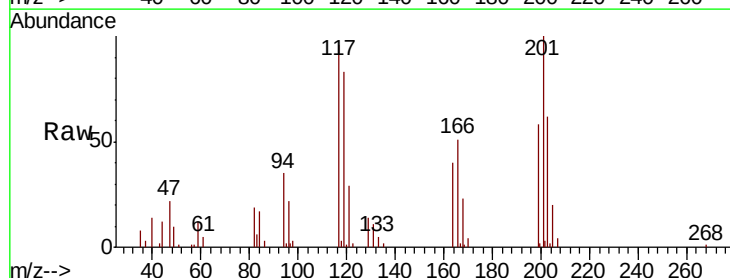
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

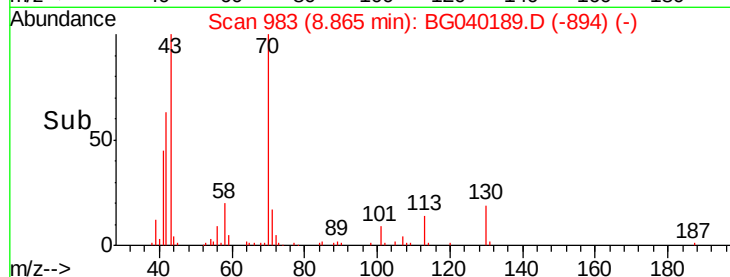
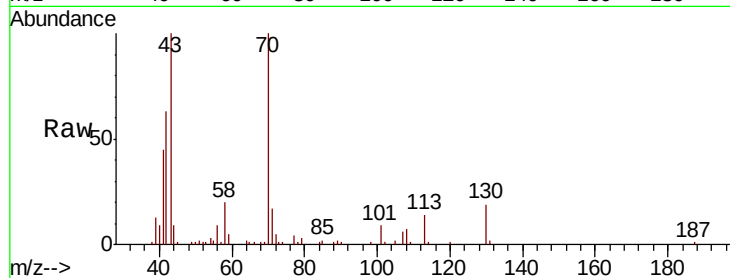
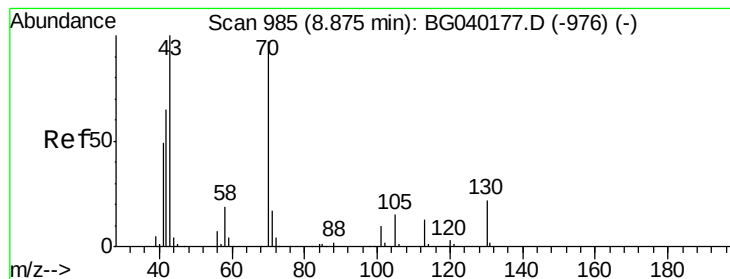
Tgt Ion:107 Resp: 48754
Ion Ratio Lower Upper
107 100
108 108.4 88.2 132.4
77 40.8 36.6 55.0
79 43.1 36.5 54.7



#18
Hexachloroethane
Concen: 14.112 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BG040189.D
Acq: 28 Mar 2019 2:27

Tgt Ion:117 Resp: 23846
Ion Ratio Lower Upper
117 100
119 86.7 76.6 115.0
201 104.4 85.0 127.4





#19

n-Nitroso-di-n-propylamine

Concen: 13.685 ng

RT: 8.87 min Scan# 983

Delta R.T. -0.01 min

Lab File: BG040189.D

Acq: 28 Mar 2019 2:27

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

Tgt Ion: 70 Resp: 47528

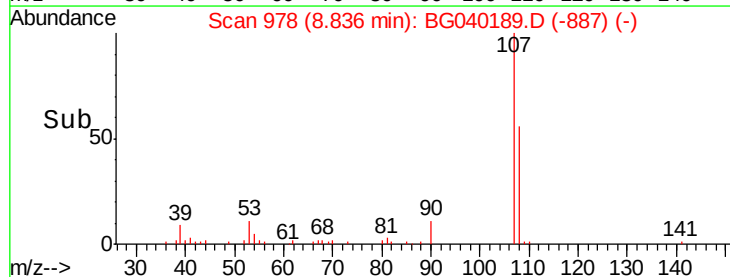
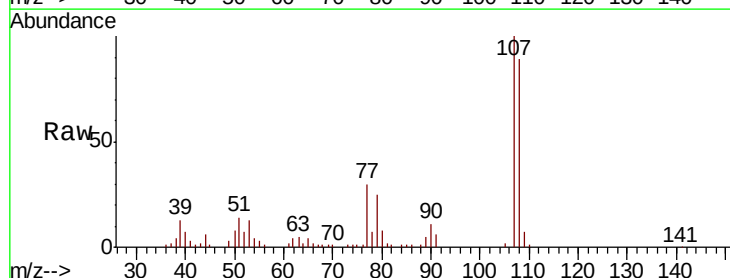
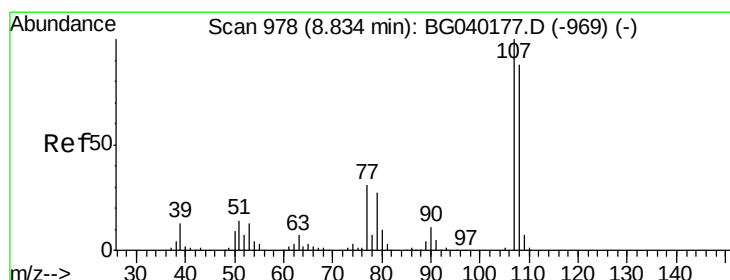
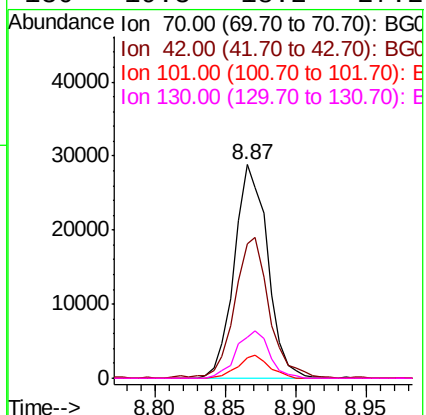
Ion Ratio Lower Upper

70 100

42 63.0 54.0 81.0

101 9.4 8.6 13.0

130 19.3 18.2 27.2



#20

3+4-Methylphenols

Concen: 13.354 ng

RT: 8.84 min Scan# 978

Delta R.T. 0.00 min

Lab File: BG040189.D

Acq: 28 Mar 2019 2:27

Tgt Ion: 107 Resp: 65815

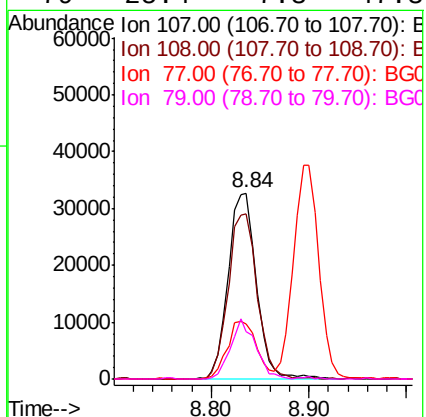
Ion Ratio Lower Upper

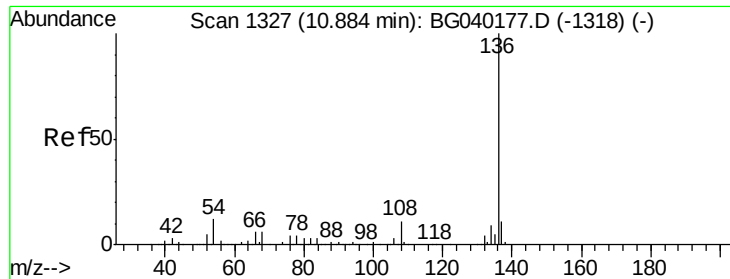
107 100

108 89.1 68.3 108.3

77 29.6 11.3 51.3

79 25.4 7.3 47.3

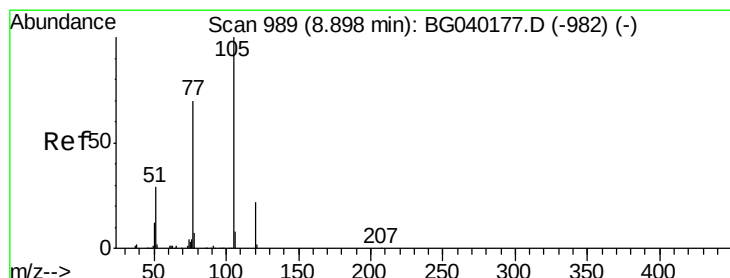
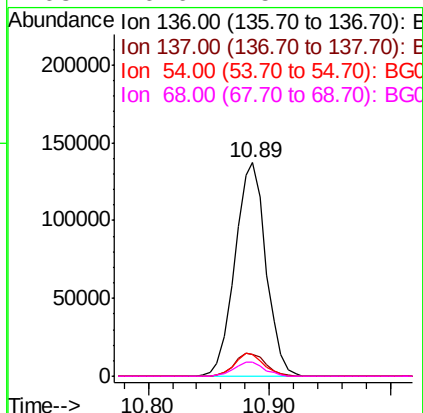
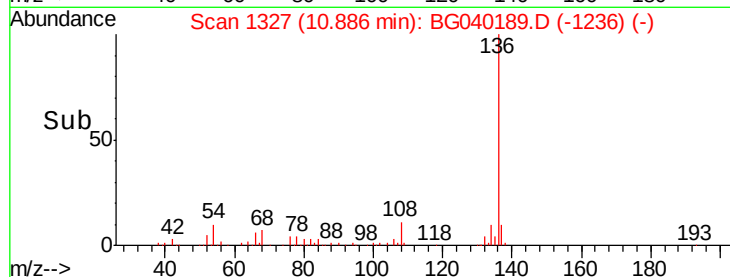
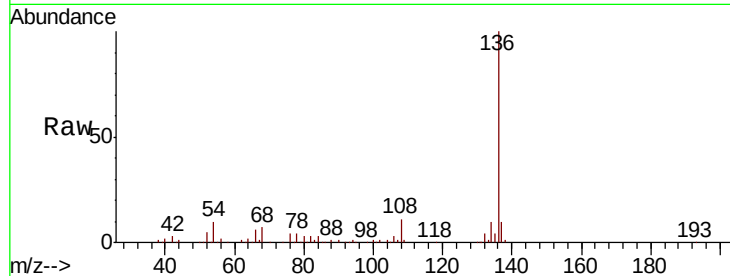




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG040189.D
Acq: 28 Mar 2019 2:27

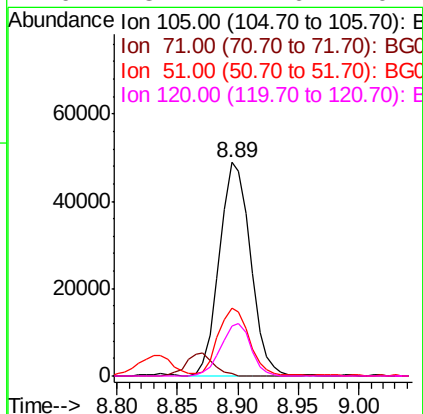
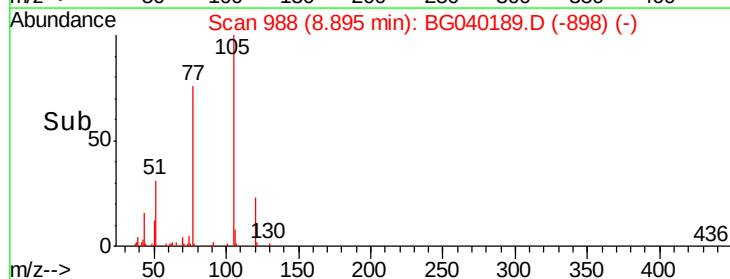
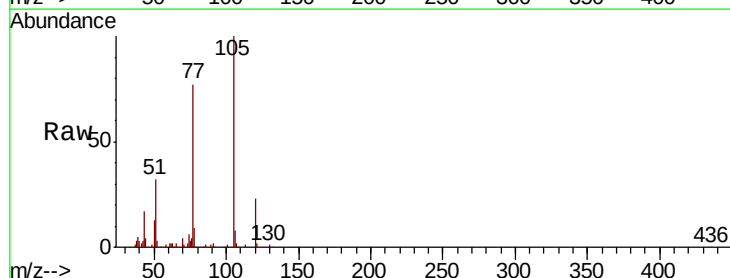
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

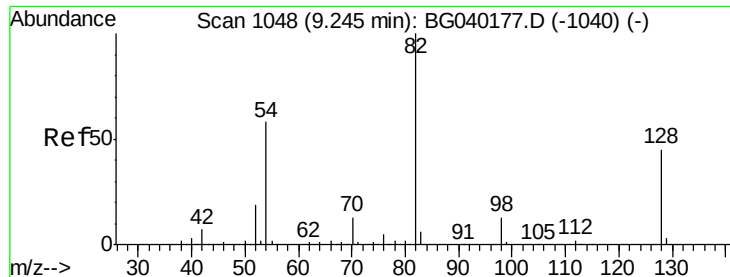
Tgt Ion:	136	Resp:	244300
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	10.4	9.6	14.4
68	6.6	5.1	7.7



#22
Acetophenone
Concen: 14.391 ng
RT: 8.89 min Scan# 988
Delta R.T. -0.00 min
Lab File: BG040189.D
Acq: 28 Mar 2019 2:27

Tgt Ion:	105	Resp:	87699
Ion	Ratio	Lower	Upper
105	100		
71	1.0	0.6	1.0#
51	31.9	25.1	37.7
120	23.2	17.6	26.4





#23

Nitrobenzene-d5

Concen: 68.181 ng

RT: 9.25 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BG040189.D

Acq: 28 Mar 2019 2:27

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

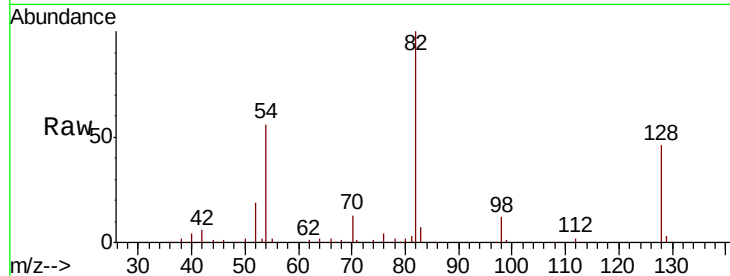
Tgt Ion: 82 Resp: 313369

Ion Ratio Lower Upper

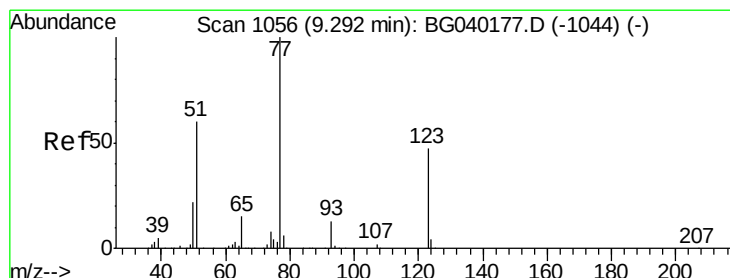
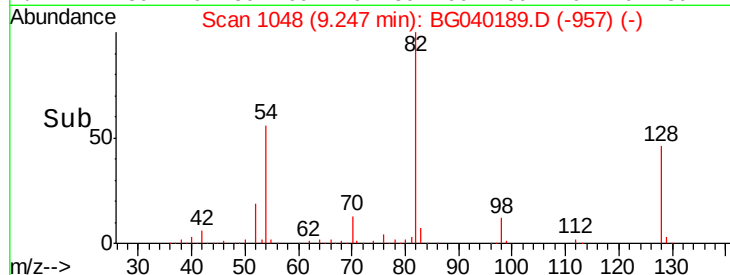
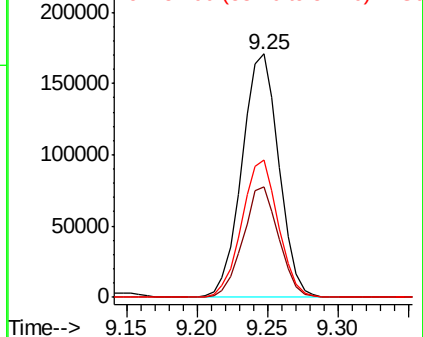
82 100

128 45.6 35.8 53.8

54 56.3 46.2 69.2



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: 14.459 ng

RT: 9.29 min Scan# 1055

Delta R.T. -0.00 min

Lab File: BG040189.D

Acq: 28 Mar 2019 2:27

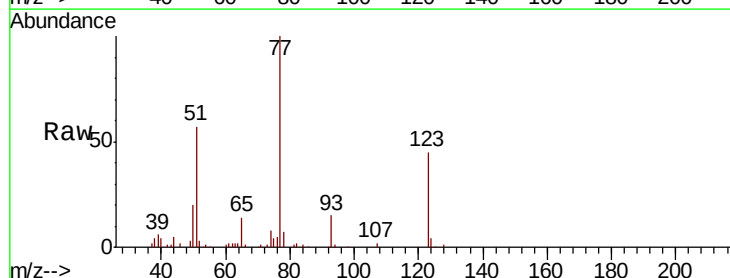
Tgt Ion: 77 Resp: 68818

Ion Ratio Lower Upper

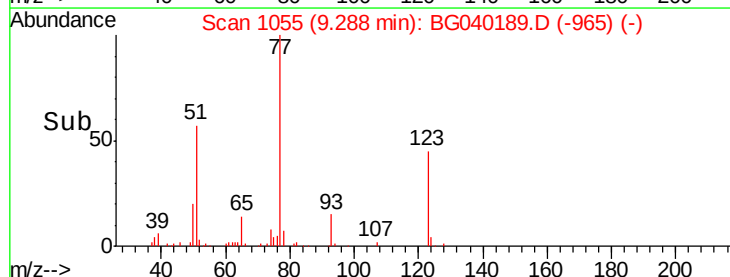
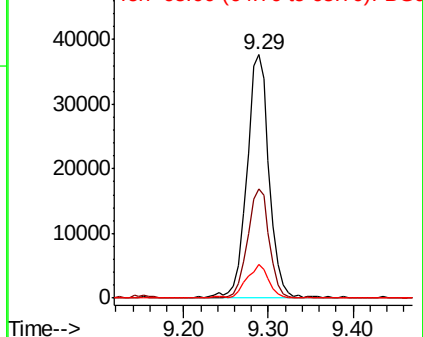
77 100

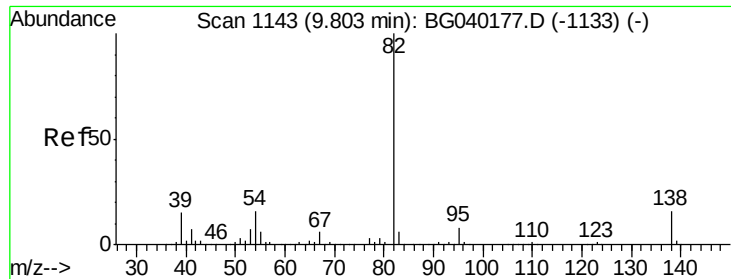
123 44.8 37.8 56.6

65 14.0 12.0 18.0



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

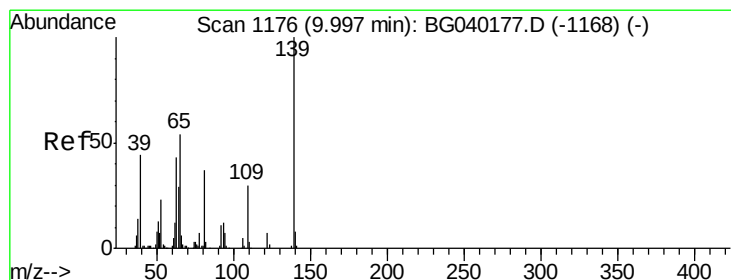
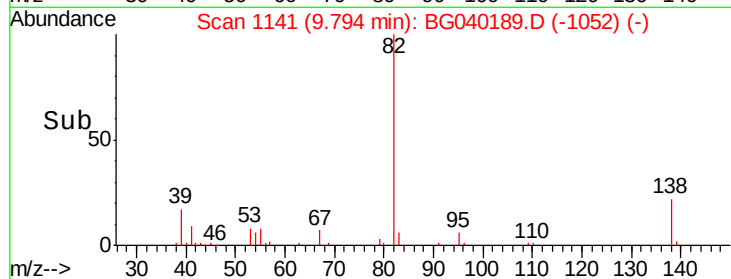
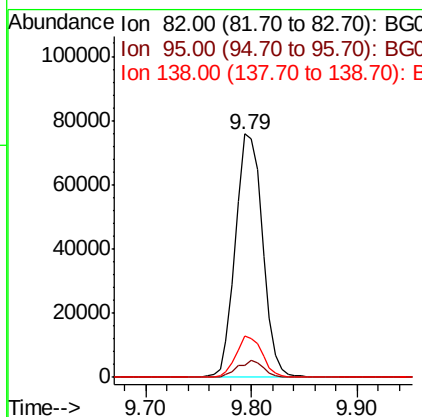
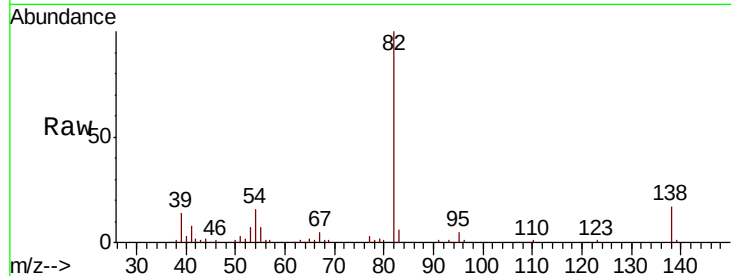




#25
Isophorone
Concen: 14.255 ng
RT: 9.79 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BG040189.D
Acq: 28 Mar 2019 2:27

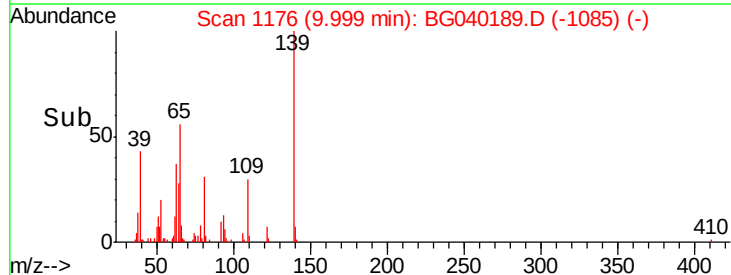
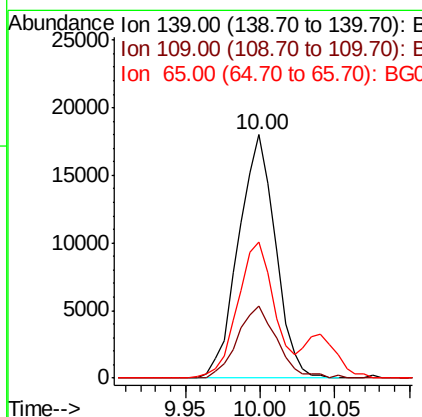
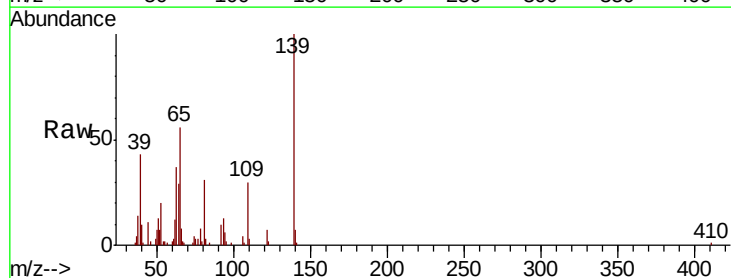
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

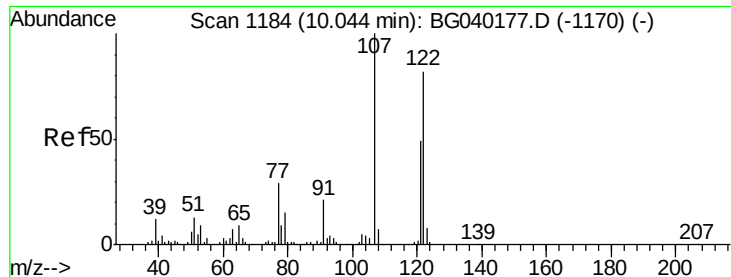
Tgt Ion: 82 Resp: 134811
Ion Ratio Lower Upper
82 100
95 5.0 6.1 9.1#
138 17.0 13.2 19.8



#26
2-Nitrophenol
Concen: 13.726 ng
RT: 10.00 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BG040189.D
Acq: 28 Mar 2019 2:27

Tgt Ion: 139 Resp: 30956
Ion Ratio Lower Upper
139 100
109 29.5 24.1 36.1
65 55.6 43.0 64.6

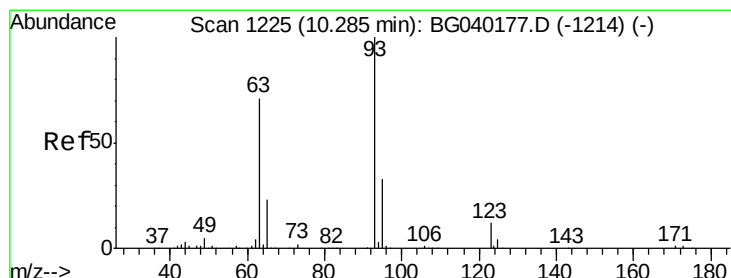
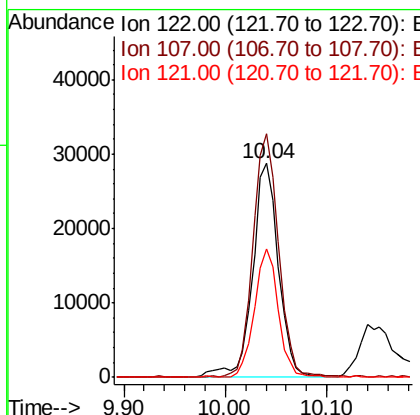
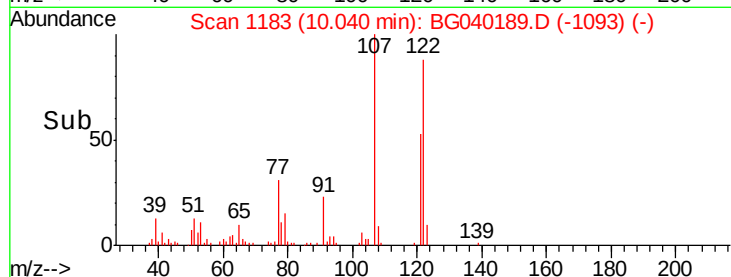
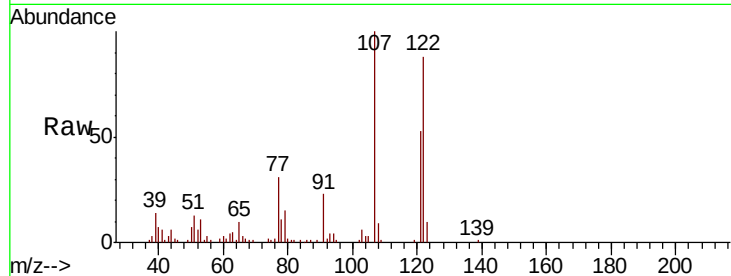




#27
 2,4-Dimethylphenol
 Concen: 14.234 ng
 RT: 10.04 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BG040189.D
 Acq: 28 Mar 2019 2:27

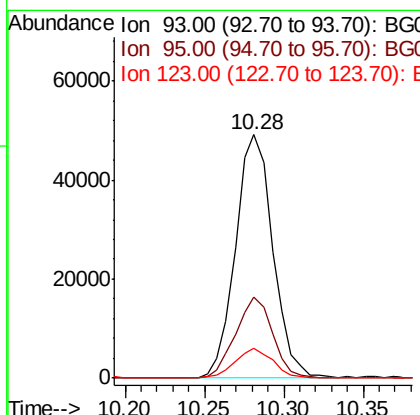
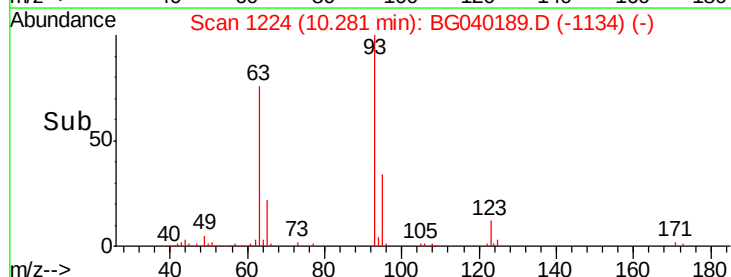
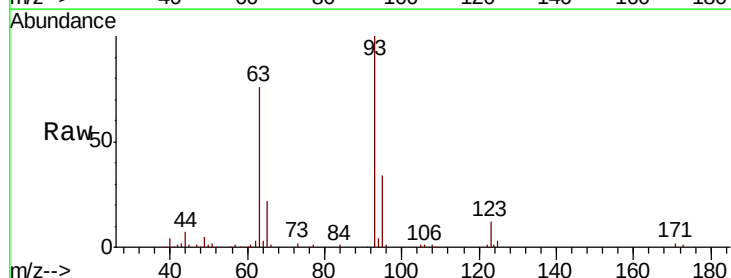
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2019

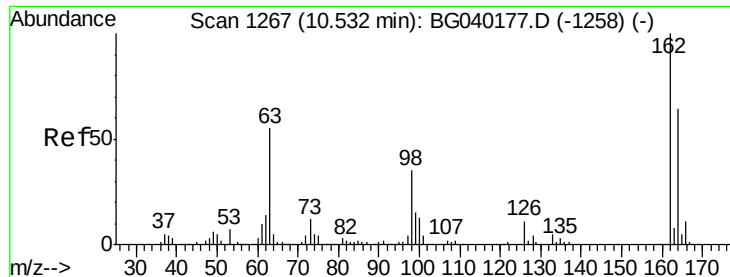
Tgt Ion: 122 Resp: 50989
 Ion Ratio Lower Upper
 122 100
 107 114.0 97.4 146.2
 121 60.3 47.7 71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 14.345 ng
 RT: 10.28 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BG040189.D
 Acq: 28 Mar 2019 2:27

Tgt Ion: 93 Resp: 80260
 Ion Ratio Lower Upper
 93 100
 95 33.5 26.2 39.4
 123 12.1 9.4 14.0

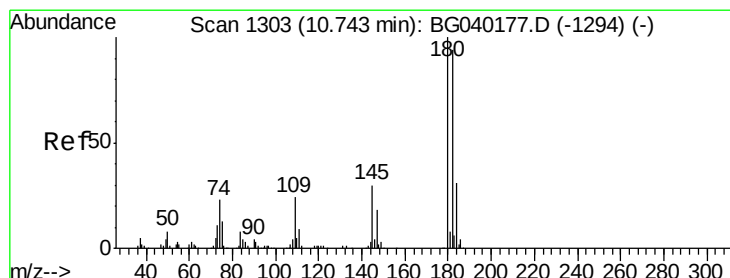
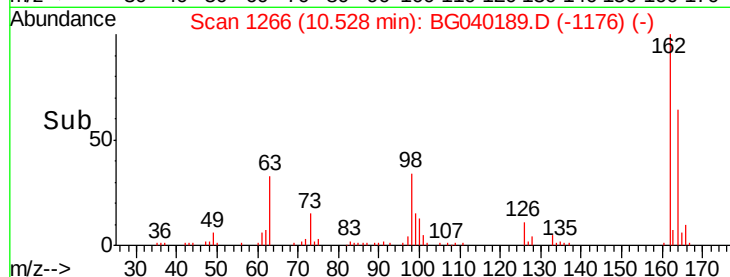
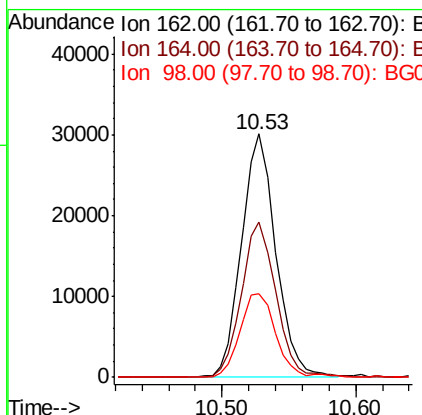
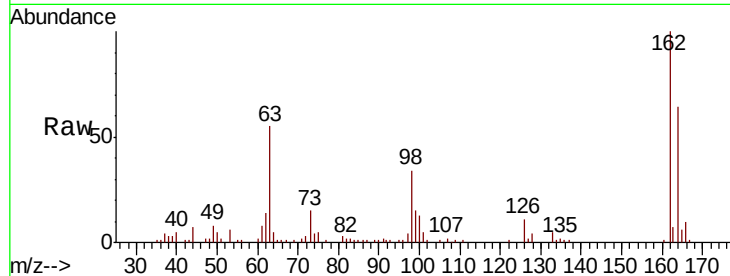




#29
 2,4-Dichlorophenol
 Concen: 13.722 ng
 RT: 10.53 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: BG040189.D
 Acq: 28 Mar 2019 2:27

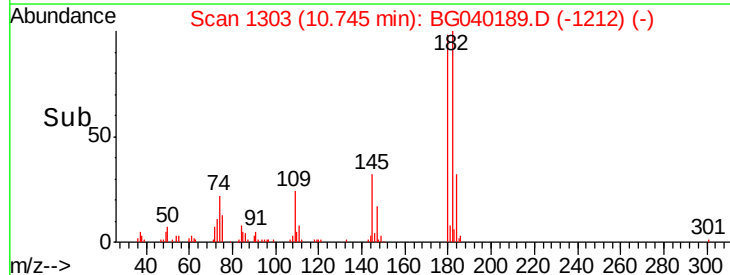
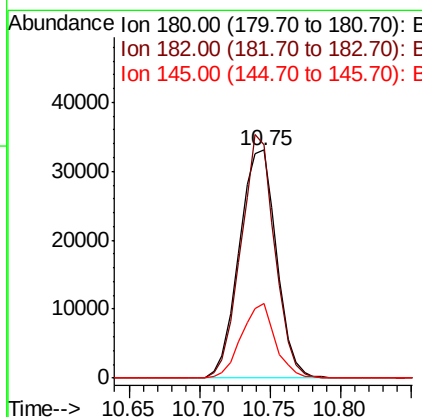
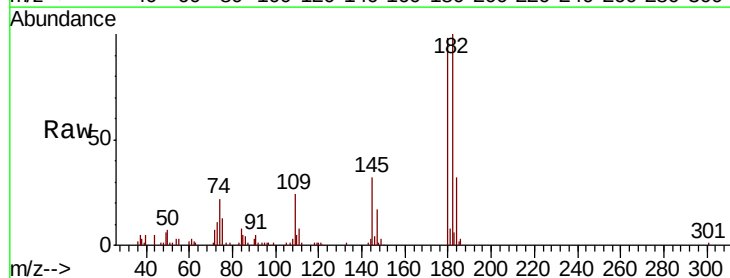
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2019

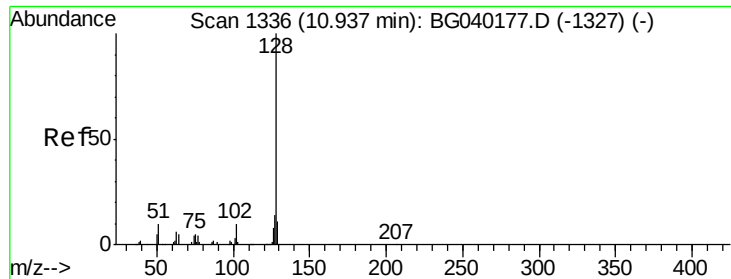
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.7	43.9	83.9
98	34.3	15.6	55.6



#30
 1,2,4-Trichlorobenzene
 Concen: 14.364 ng
 RT: 10.75 min Scan# 1303
 Delta R.T. 0.00 min
 Lab File: BG040189.D
 Acq: 28 Mar 2019 2:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	102.1	75.1	112.7
145	32.6	24.1	36.1

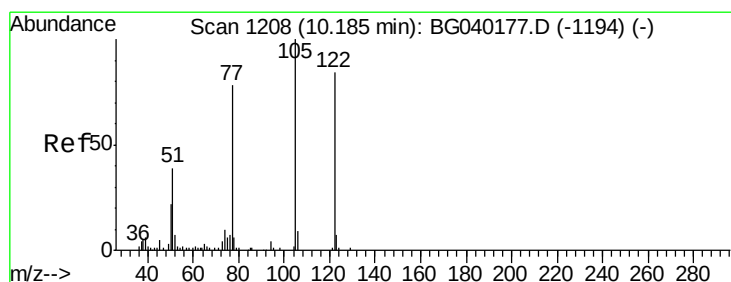
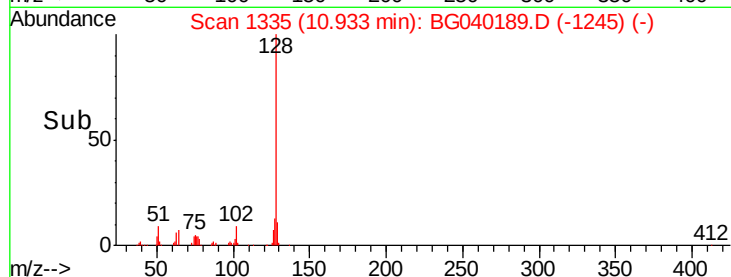
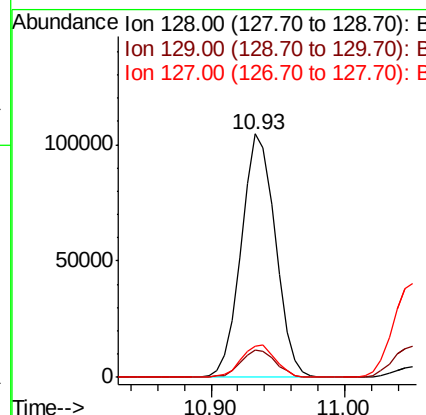
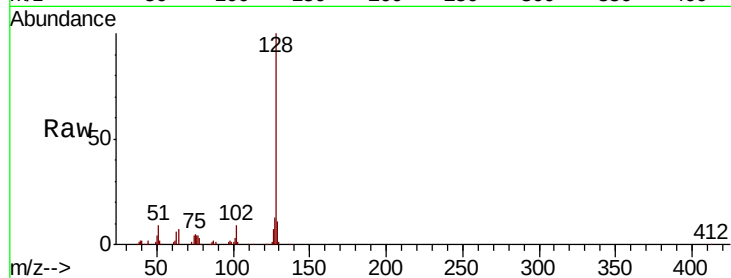




#31
Naphthalene
Concen: 14.780 ng
RT: 10.93 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BG040189.D
Acq: 28 Mar 2019 2:27

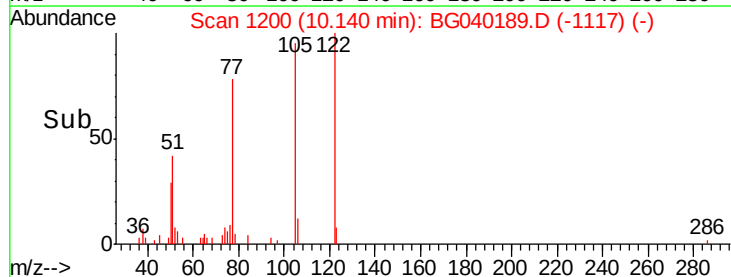
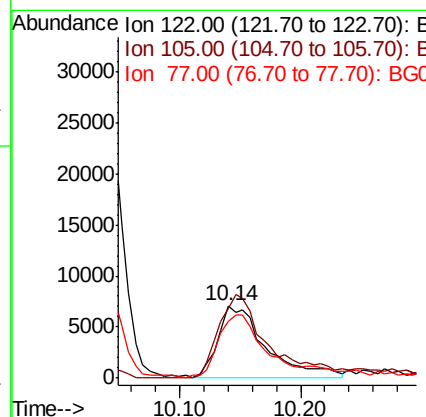
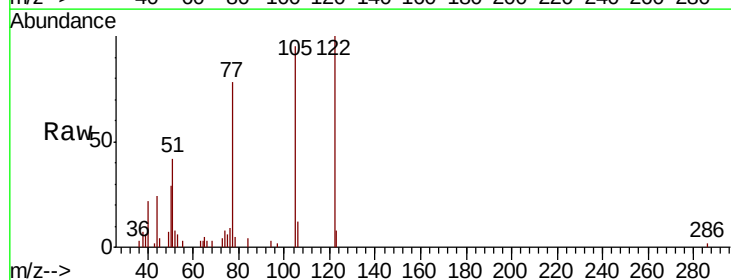
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

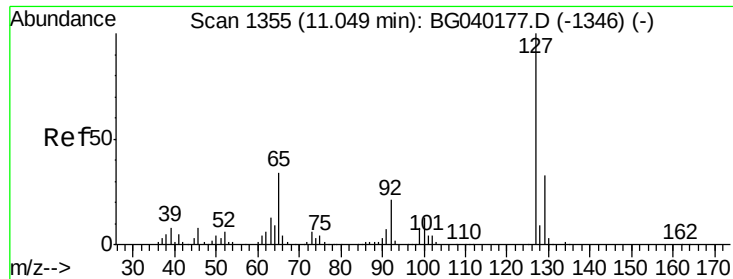
Tgt Ion:128 Resp: 185078
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.0 11.4 17.0



#32
Benzoic acid
Concen: 9.058 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.04 min
Lab File: BG040189.D
Acq: 28 Mar 2019 2:27

Tgt Ion:122 Resp: 19604
Ion Ratio Lower Upper
122 100
105 95.3 98.2 138.2#
77 77.7 73.6 113.6

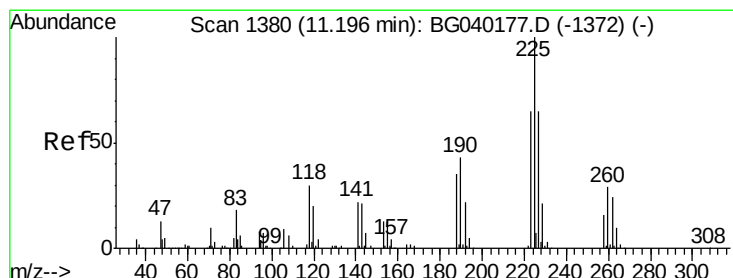
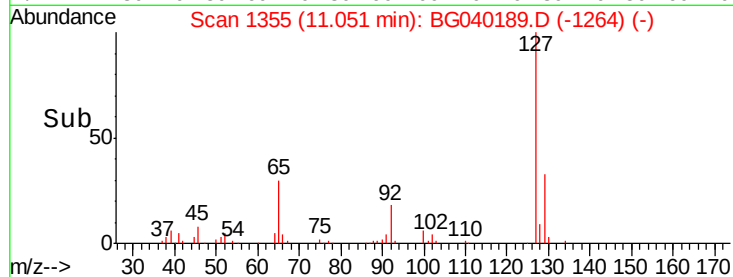
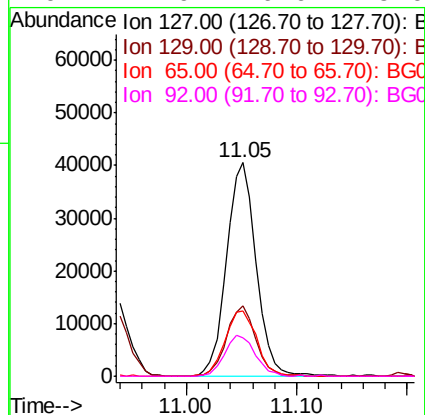
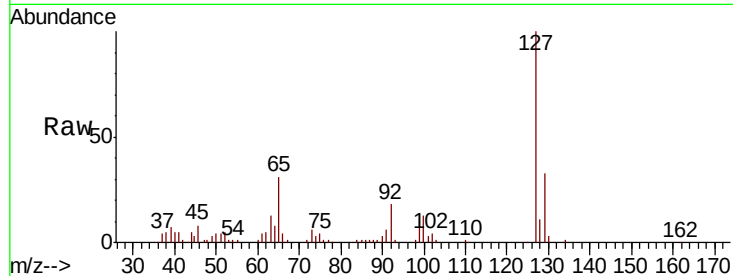




#33
4-Chloroaniline
Concen: 14.281 ng
RT: 11.05 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BG040189.D
Acq: 28 Mar 2019 2:27

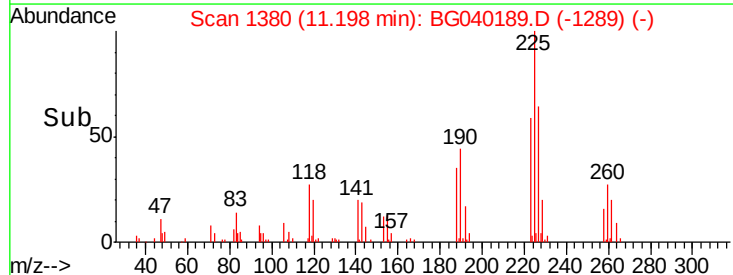
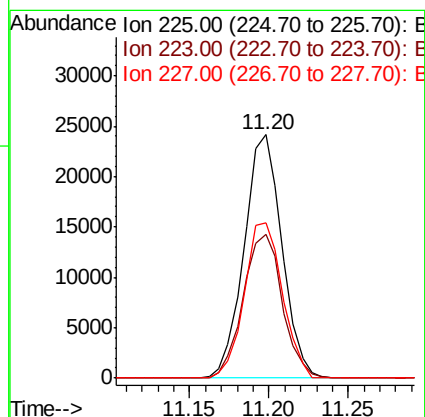
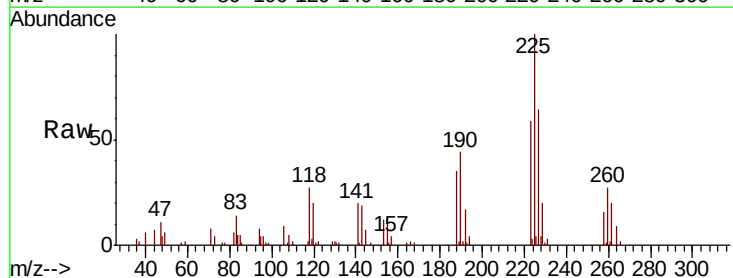
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

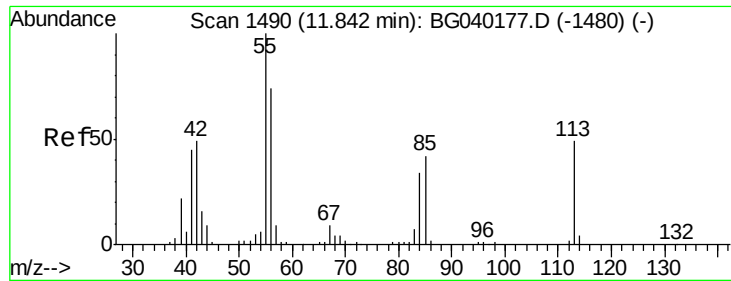
Tgt Ion:	127	Resp:	76278
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.6	40.0
65	30.7	27.0	40.4
92	17.9	16.6	25.0



#34
Hexachlorobutadiene
Concen: 14.602 ng
RT: 11.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BG040189.D
Acq: 28 Mar 2019 2:27

Tgt Ion:	225	Resp:	39870
Ion	Ratio	Lower	Upper
225	100		
223	59.0	51.8	77.8
227	67.6	54.9	82.3





#35

Caprolactam

Concen: 13.120 ng

RT: 11.82 min Scan# 1486

Delta R.T. -0.02 min

Lab File: BG040189.D

Acq: 28 Mar 2019 2:27

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

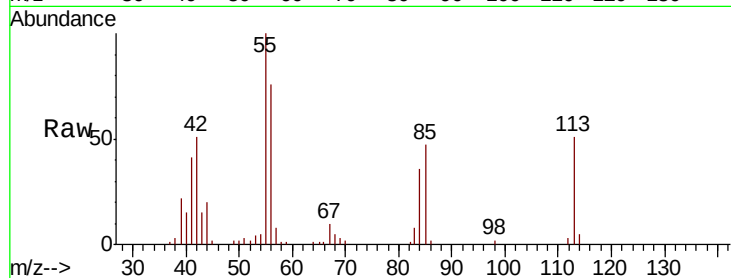
Tgt Ion:113 Resp: 20245

Ion Ratio Lower Upper

113 100

55 195.5 184.2 224.2

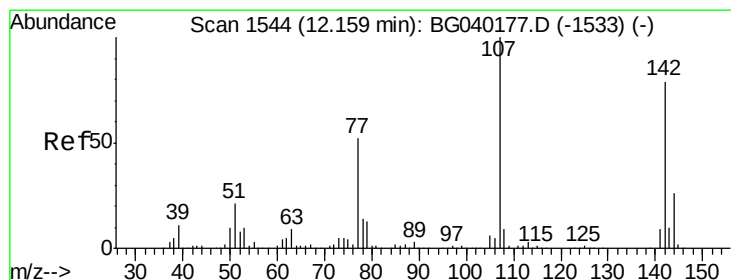
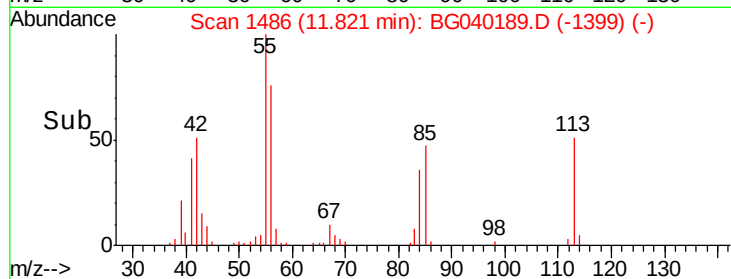
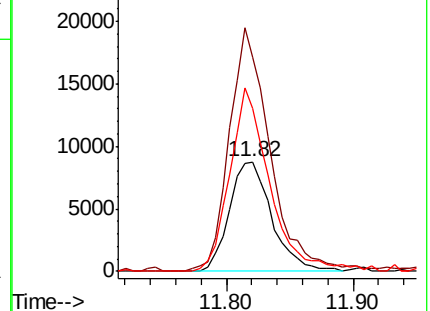
56 149.1 131.3 171.3



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: 13.771 ng

RT: 12.15 min Scan# 1542

Delta R.T. -0.01 min

Lab File: BG040189.D

Acq: 28 Mar 2019 2:27

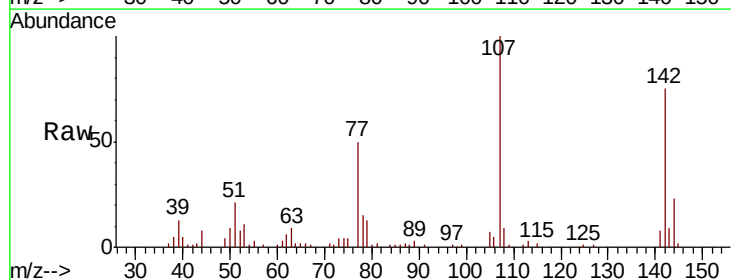
Tgt Ion:107 Resp: 61559

Ion Ratio Lower Upper

107 100

144 23.1 20.5 30.7

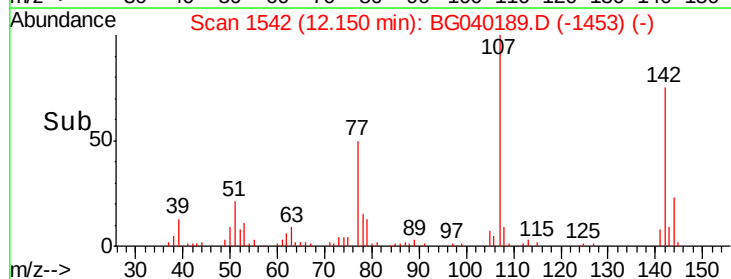
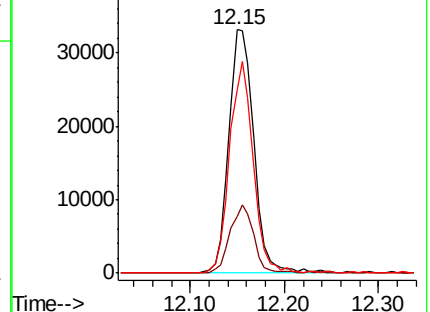
142 75.3 63.1 94.7

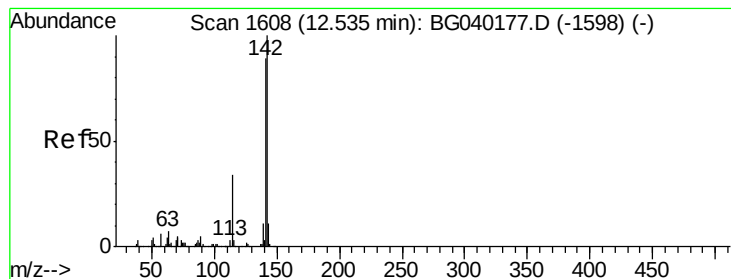


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 14.696 ng

RT: 12.53 min Scan# 1607

Delta R.T. -0.00 min

Lab File: BG040189.D

Acq: 28 Mar 2019 2:27

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

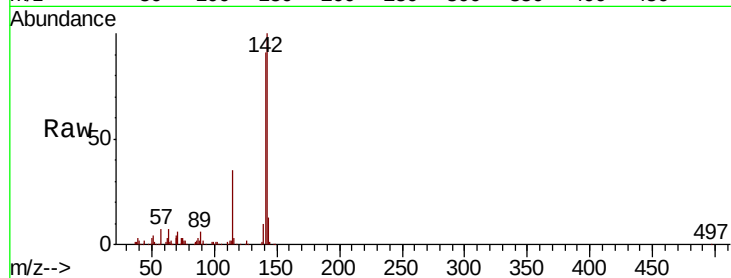
Tgt Ion:142 Resp: 136105

Ion Ratio Lower Upper

142 100

141 90.8 71.0 106.6

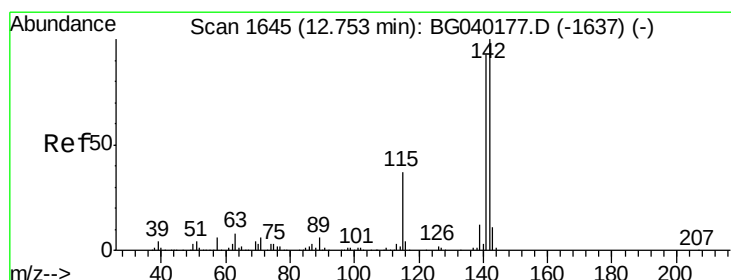
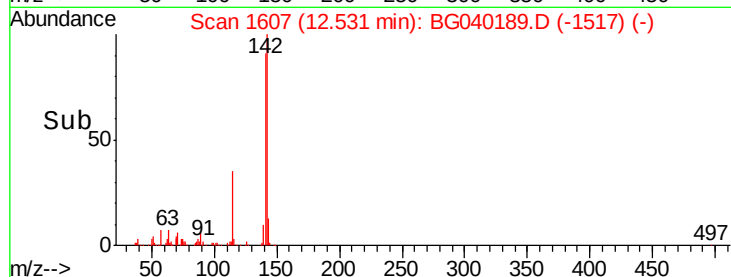
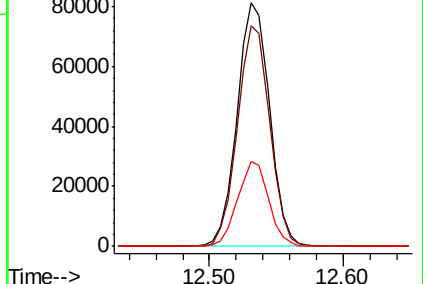
115 34.8 27.3 40.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 14.967 ng

RT: 12.75 min Scan# 1644

Delta R.T. -0.00 min

Lab File: BG040189.D

Acq: 28 Mar 2019 2:27

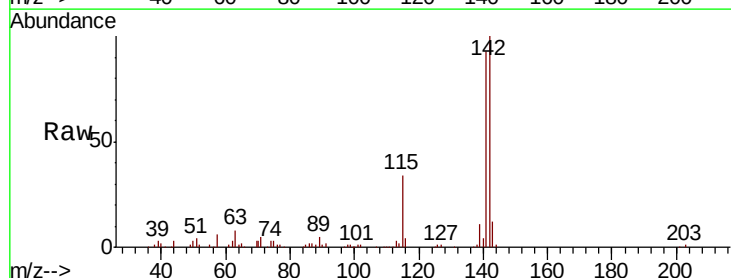
Tgt Ion:142 Resp: 134415

Ion Ratio Lower Upper

142 100

141 92.5 74.2 111.4

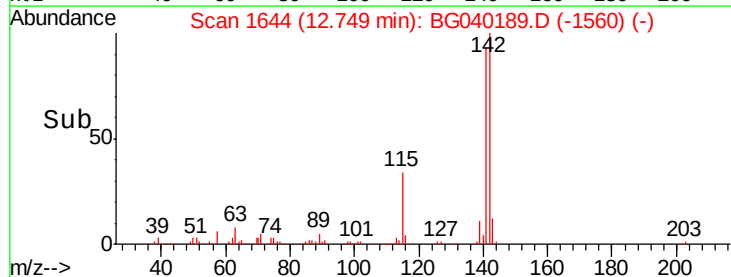
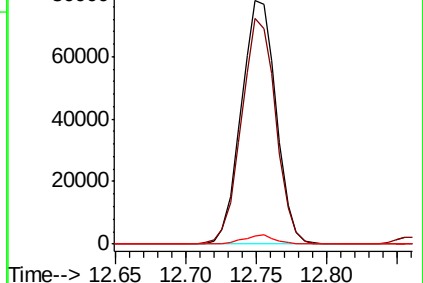
116 3.5 3.0 4.4

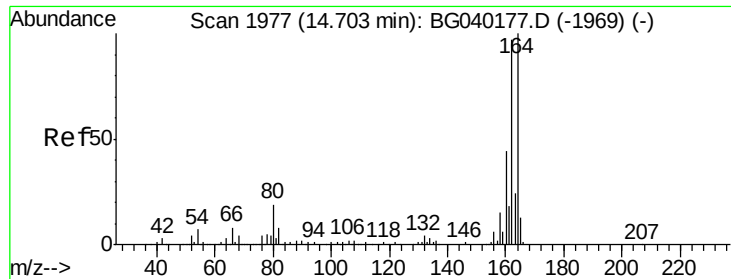


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG040189.D

Acq: 28 Mar 2019 2:27

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

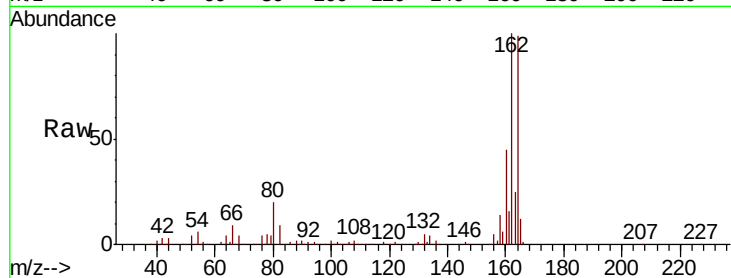
Tgt Ion:164 Resp: 151878

Ion Ratio Lower Upper

164 100

162 100.9 77.4 116.2

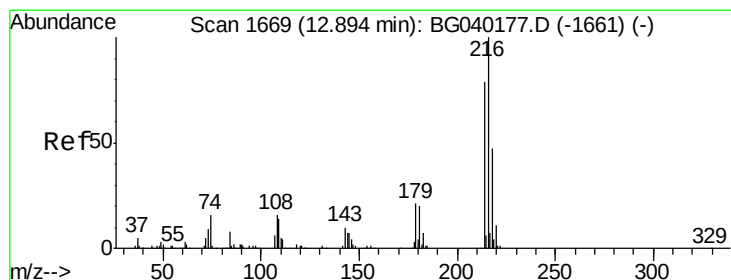
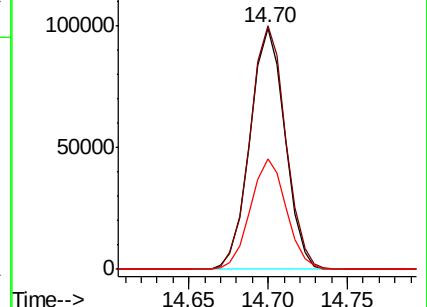
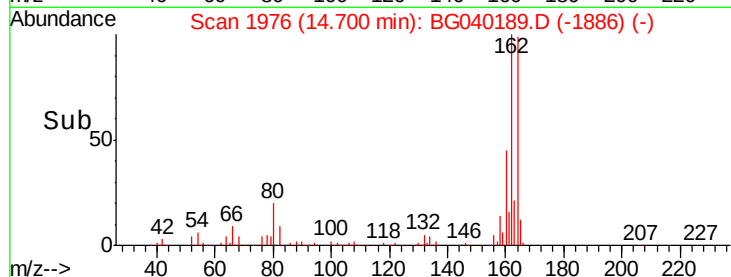
160 45.8 35.3 52.9



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: 14.834 ng

RT: 12.90 min Scan# 1669

Delta R.T. 0.00 min

Lab File: BG040189.D

Acq: 28 Mar 2019 2:27

Tgt Ion:216 Resp: 71609

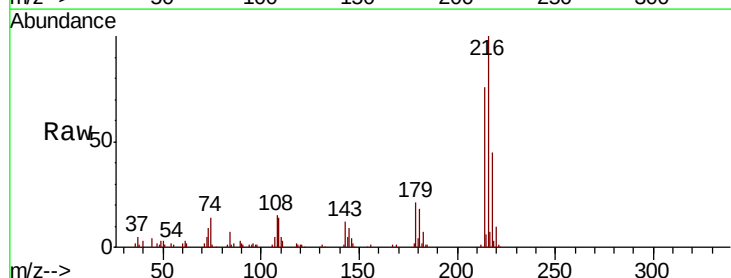
Ion Ratio Lower Upper

216 100

214 77.3 63.5 95.3

179 21.2 16.6 25.0

108 17.5 13.8 20.8

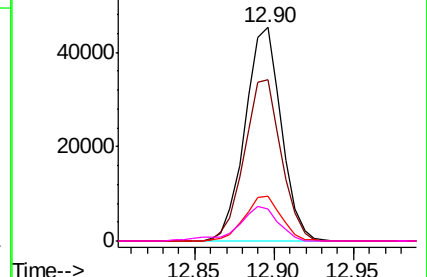
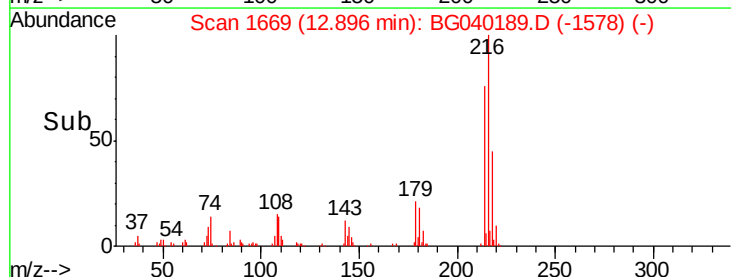


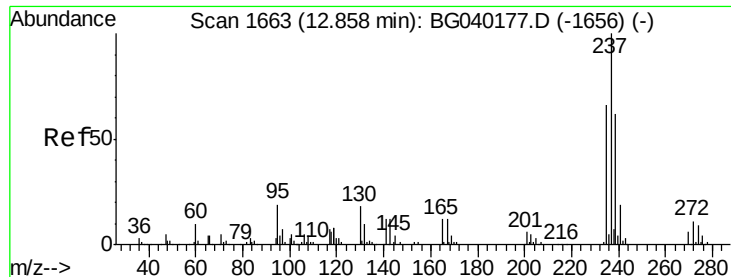
Abundance Ion 216.00 (215.70 to 216.70): E

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: 11.588 ng

RT: 12.86 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BG040189.D

Acq: 28 Mar 2019 2:27

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

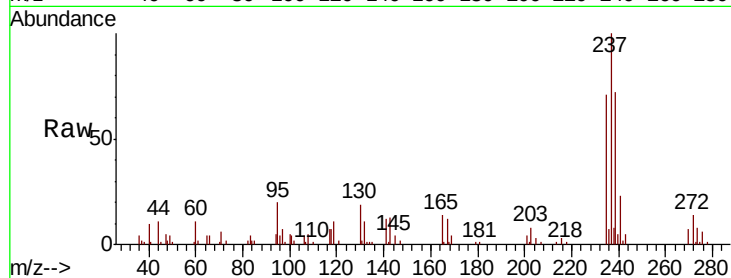
Tgt Ion: 237 Resp: 30713

Ion Ratio Lower Upper

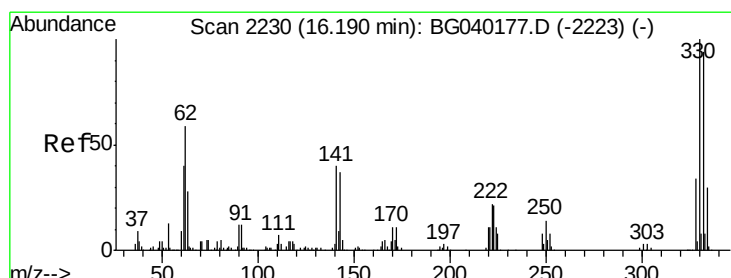
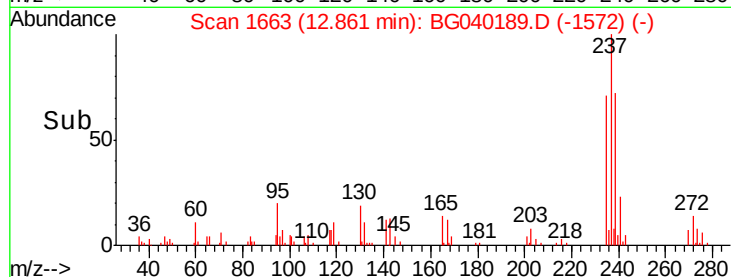
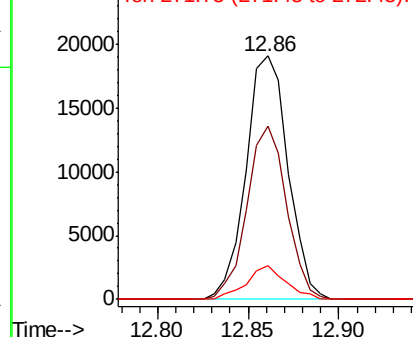
237 100

235 71.1 46.2 86.2

272 14.0 0.0 30.5



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: 115.404 ng

RT: 16.19 min Scan# 2230

Delta R.T. 0.00 min

Lab File: BG040189.D

Acq: 28 Mar 2019 2:27

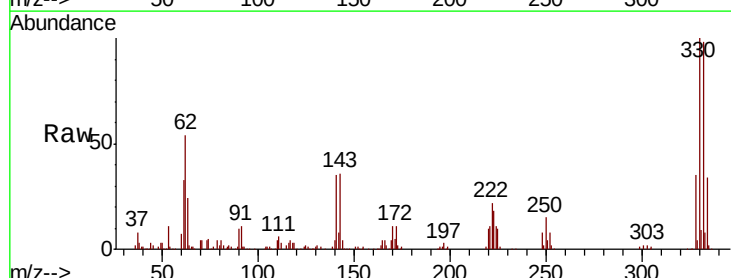
Tgt Ion: 330 Resp: 189425

Ion Ratio Lower Upper

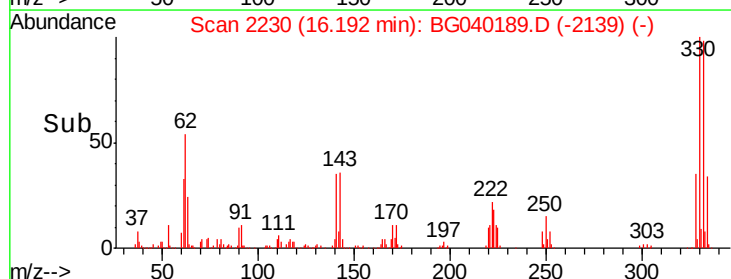
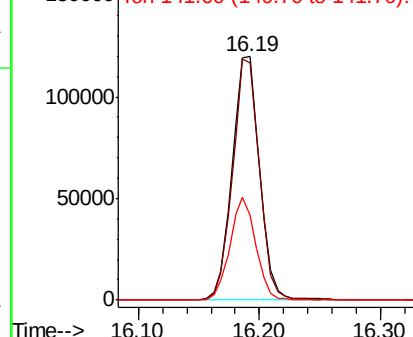
330 100

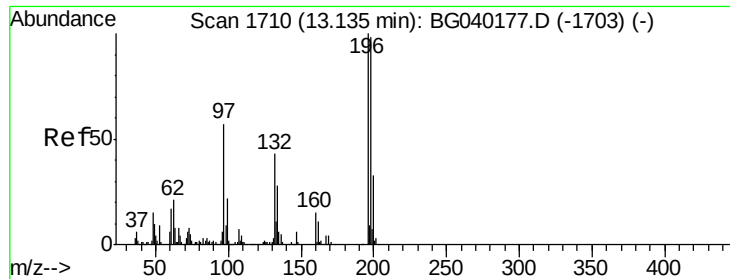
332 96.2 76.6 115.0

141 39.6 32.6 48.8



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

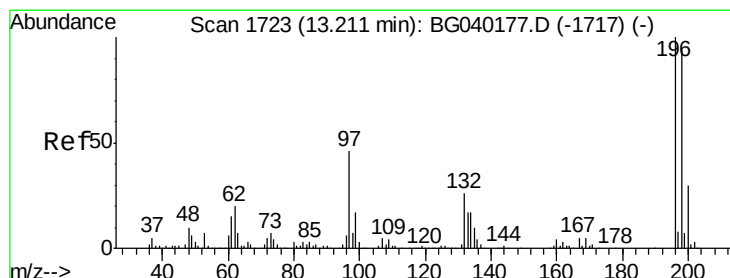
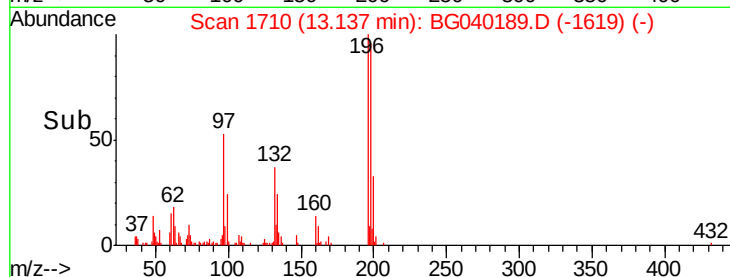
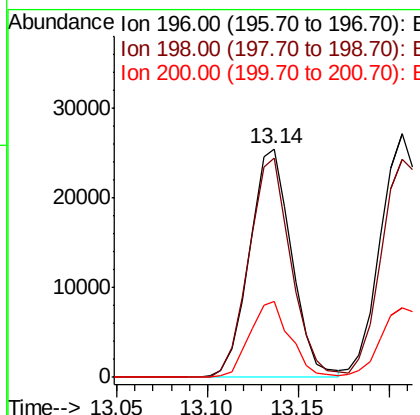
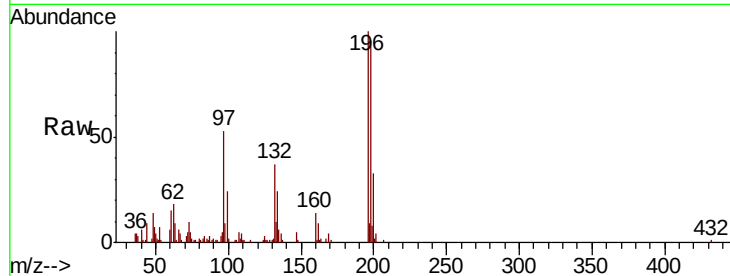




#43
 2,4,6-Trichlorophenol
 Concen: 13.209 ng
 RT: 13.14 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BG040189.D
 Acq: 28 Mar 2019 2:27

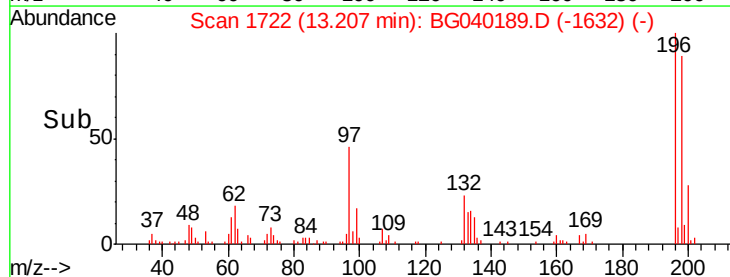
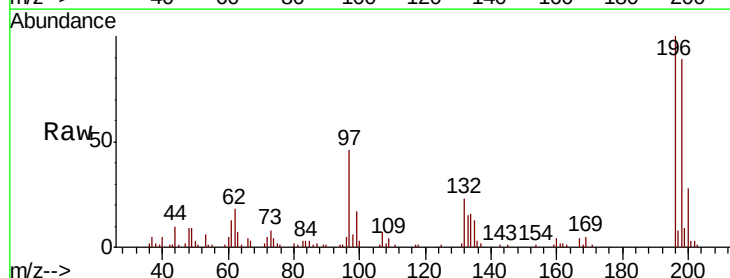
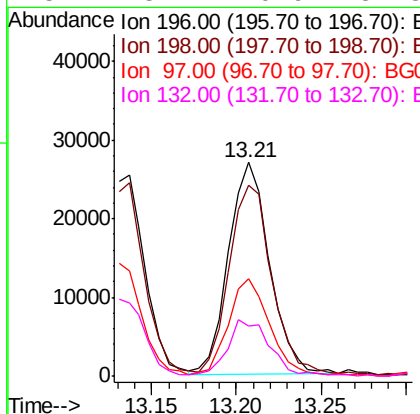
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2019

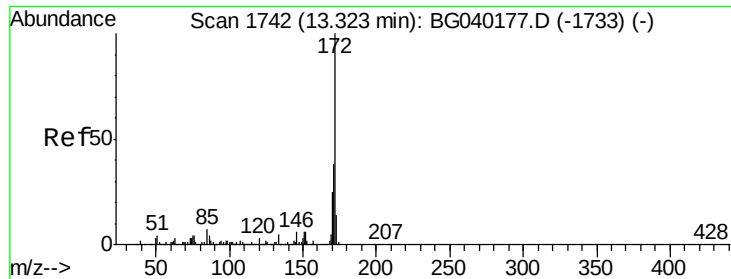
Tgt Ion:196 Resp: 41109
 Ion Ratio Lower Upper
 196 100
 198 96.2 78.3 117.5
 200 33.1 26.0 39.0



#44
 2,4,5-Trichlorophenol
 Concen: 13.366 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG040189.D
 Acq: 28 Mar 2019 2:27

Tgt Ion:196 Resp: 45341
 Ion Ratio Lower Upper
 196 100
 198 89.5 75.0 112.6
 97 45.8 37.3 55.9
 132 23.4 20.9 31.3

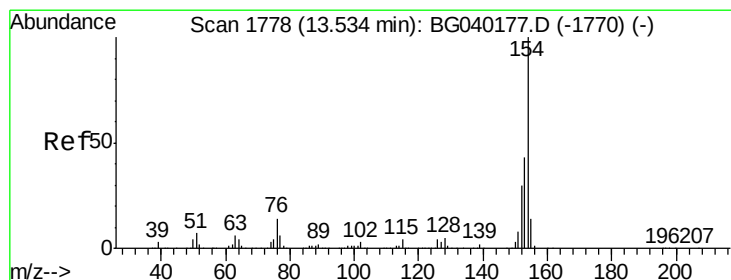
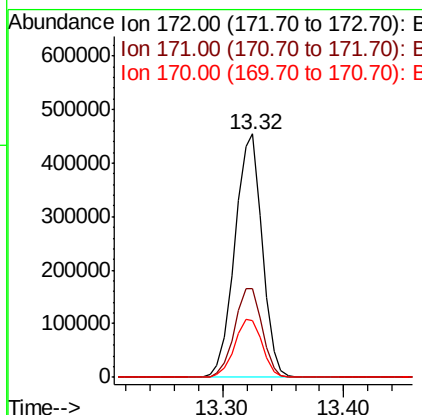
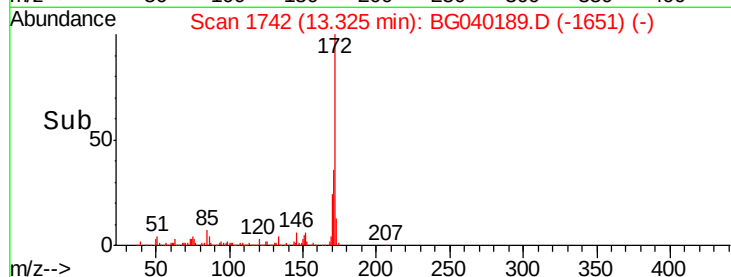
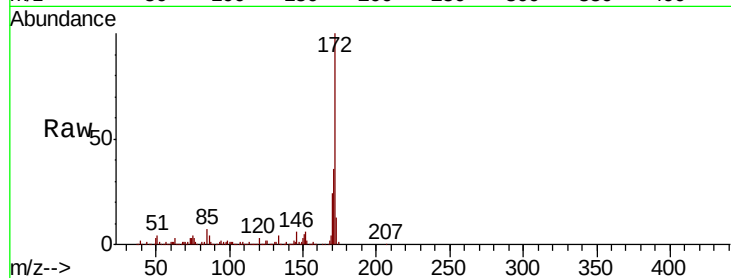




#45
 2-Fluorobiphenyl
 Concen: 69.664 ng
 RT: 13.32 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: BG040189.D
 Acq: 28 Mar 2019 2:27

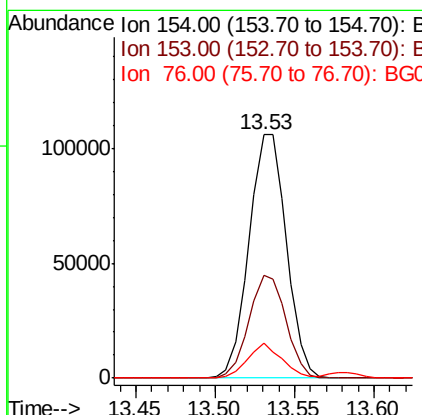
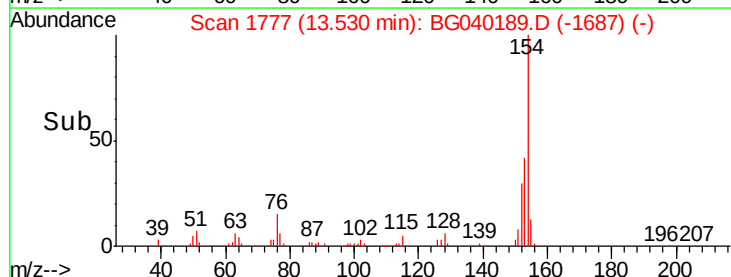
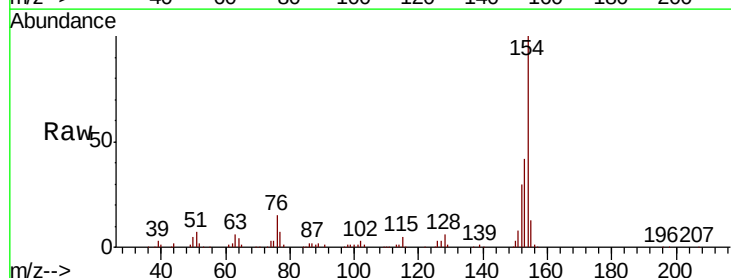
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2019

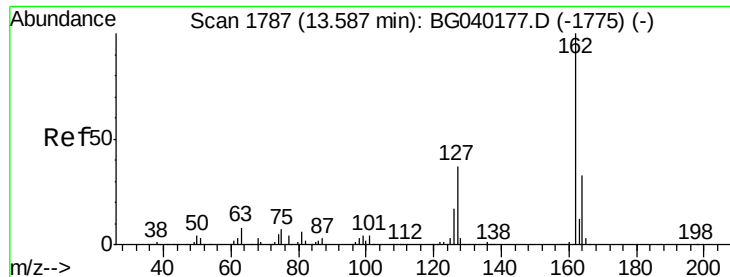
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.5	45.7
170	23.6	20.1	30.1



#46
 1,1'-Biphenyl
 Concen: 14.474 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: BG040189.D
 Acq: 28 Mar 2019 2:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.0	22.5	62.5
76	14.5	0.0	33.7

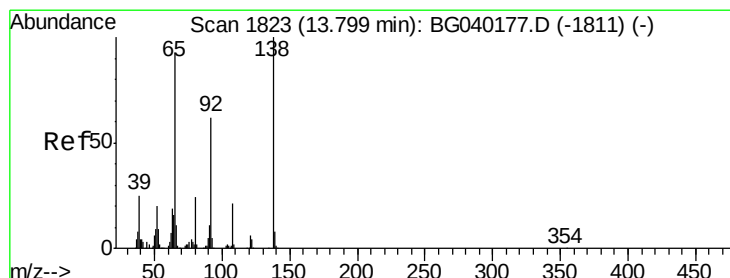
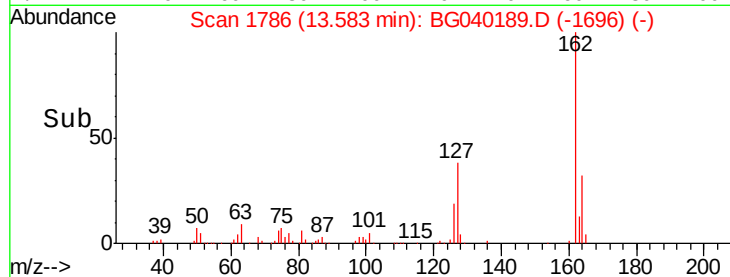
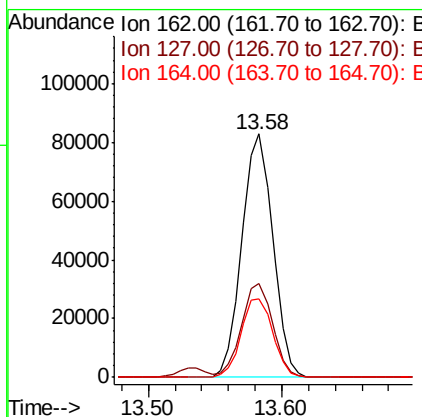
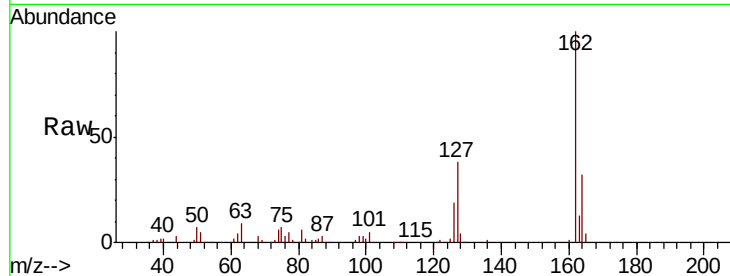




#47
 2-Chloronaphthalene
 Concen: 14.444 ng
 RT: 13.58 min Scan# 1786
 Delta R.T. -0.00 min
 Lab File: BG040189.D
 Acq: 28 Mar 2019 2:27

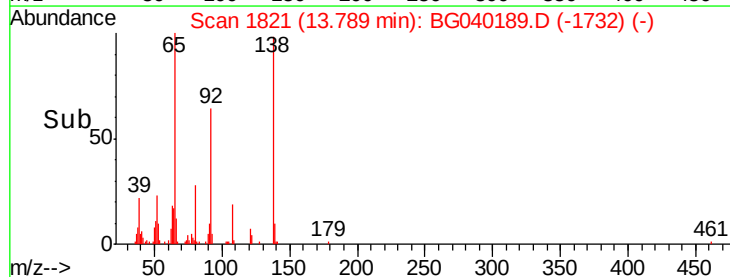
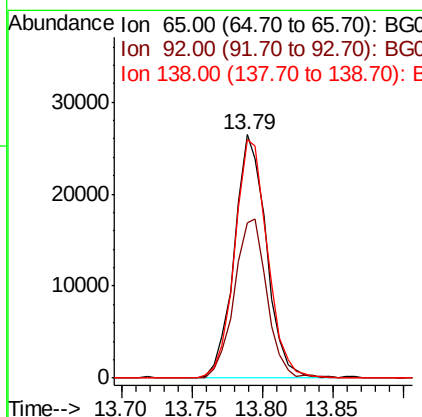
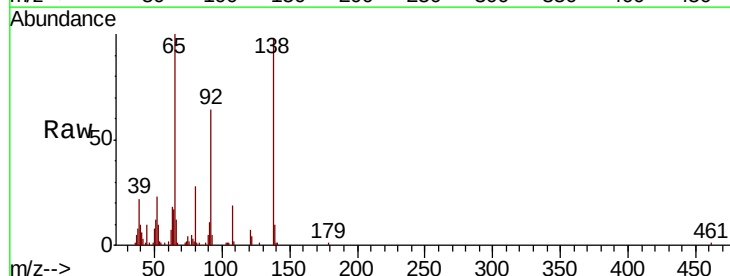
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2019

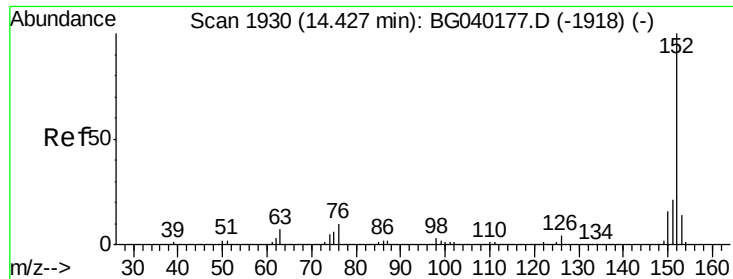
Tgt Ion:	162	Resp:	132958
Ion Ratio	Lower	Upper	
162	100		
127	38.3	30.6	45.8
164	32.2	26.2	39.4



#48
 2-Nitroaniline
 Concen: 13.480 ng
 RT: 13.79 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BG040189.D
 Acq: 28 Mar 2019 2:27

Tgt Ion:	65	Resp:	41855
Ion Ratio	Lower	Upper	
65	100		
92	63.5	53.8	80.6
138	98.0	86.3	129.5





#49

Acenaphthylene

Concen: 14.716 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG040189.D

Acq: 28 Mar 2019 2:27

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

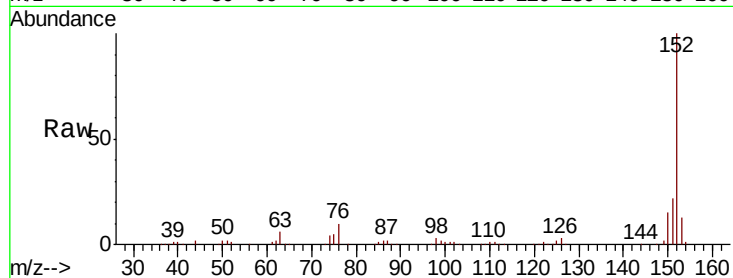
Tgt Ion:152 Resp: 229675

Ion Ratio Lower Upper

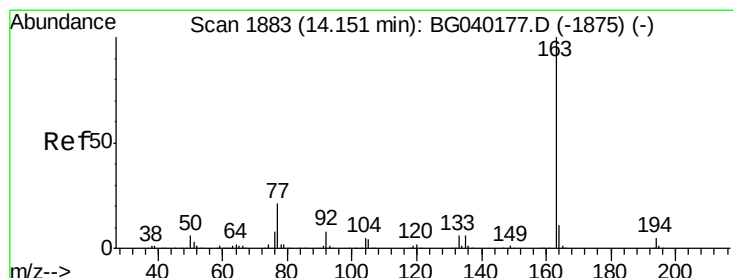
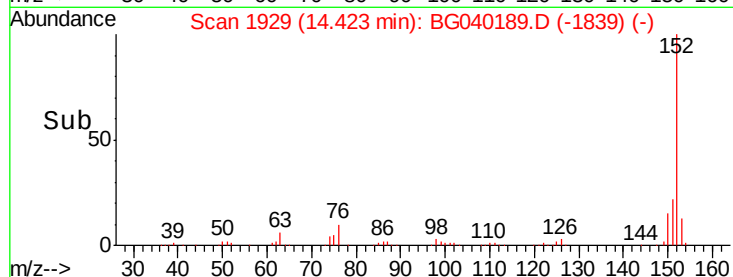
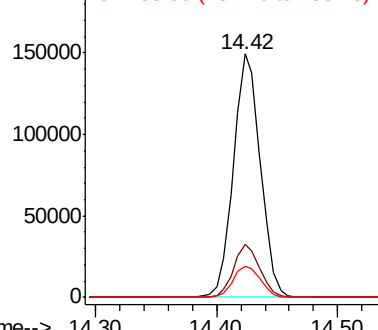
152 100

151 21.7 17.0 25.6

153 12.5 10.8 16.2



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: 14.971 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BG040189.D

Acq: 28 Mar 2019 2:27

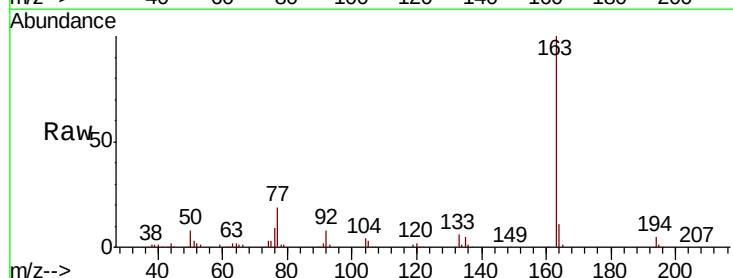
Tgt Ion:163 Resp: 177959

Ion Ratio Lower Upper

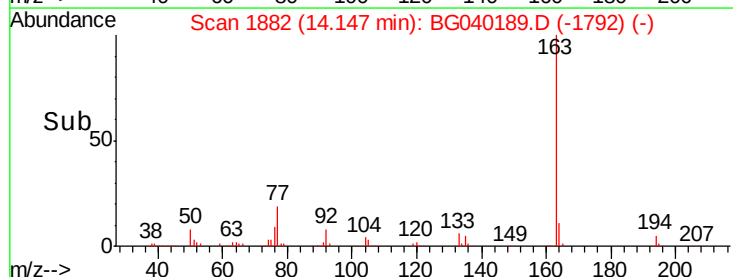
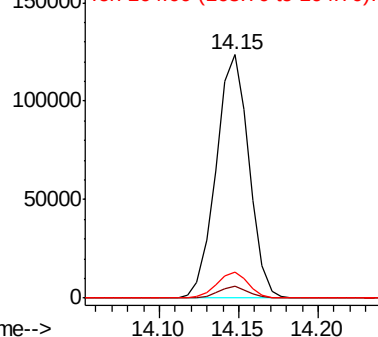
163 100

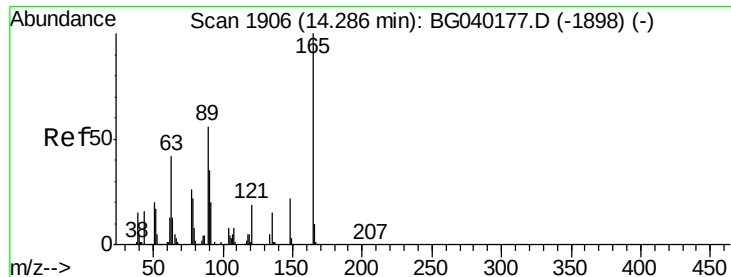
194 4.8 4.1 6.1

164 10.8 8.6 13.0



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

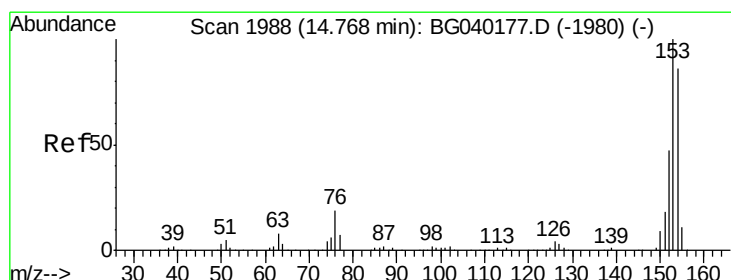
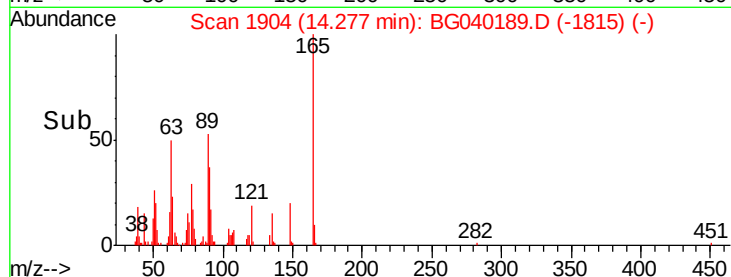
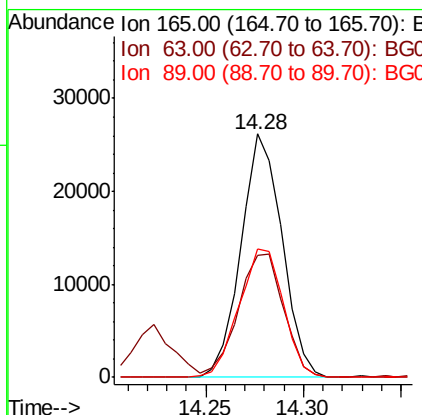
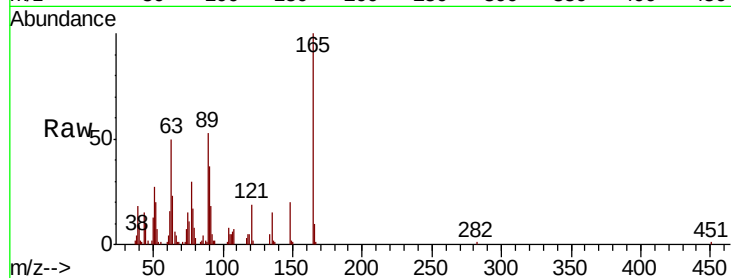




#51
2,6-Dinitrotoluene
Concen: 14.252 ng
RT: 14.28 min Scan# 1904
Delta R.T. -0.01 min
Lab File: BG040189.D
Acq: 28 Mar 2019 2:27

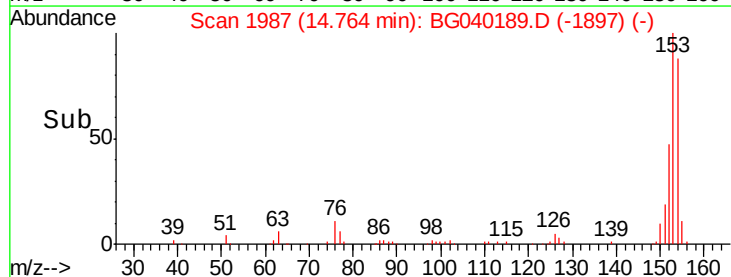
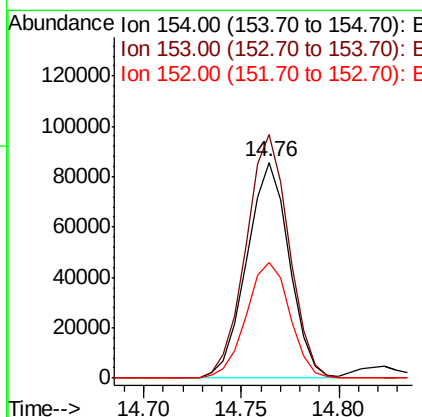
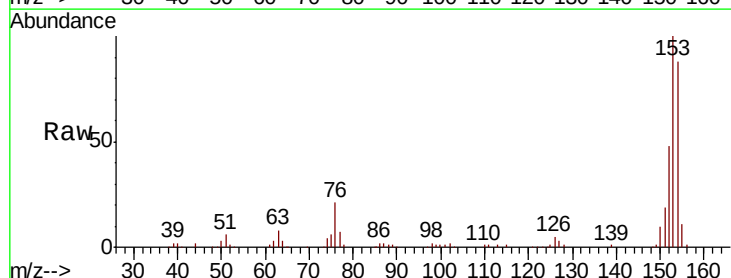
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

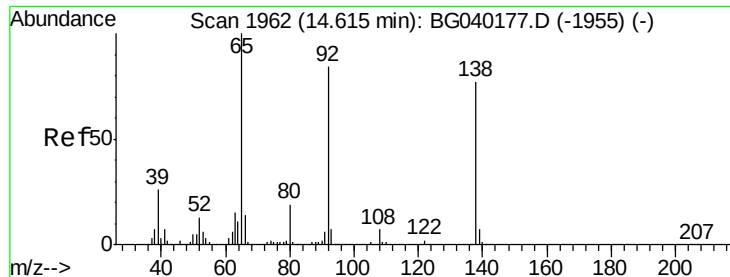
Tgt Ion:165 Resp: 38037
Ion Ratio Lower Upper
165 100
63 50.2 44.1 66.1
89 52.9 44.9 67.3



#52
Acenaphthene
Concen: 14.520 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BG040189.D
Acq: 28 Mar 2019 2:27

Tgt Ion:154 Resp: 129851
Ion Ratio Lower Upper
154 100
153 113.0 92.8 139.2
152 53.9 43.4 65.2

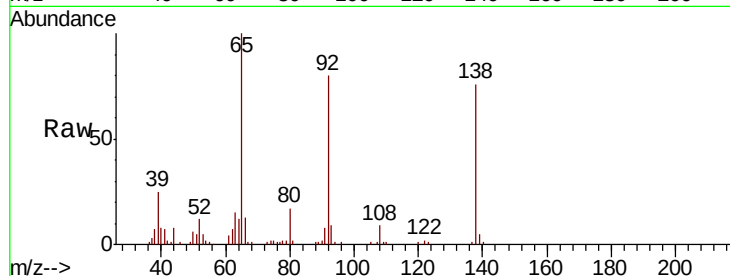




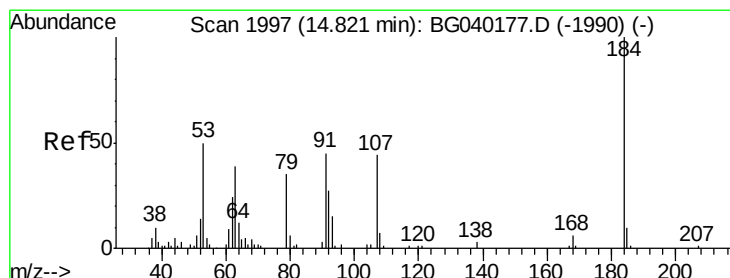
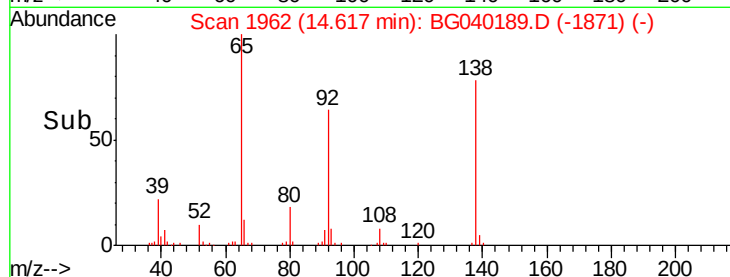
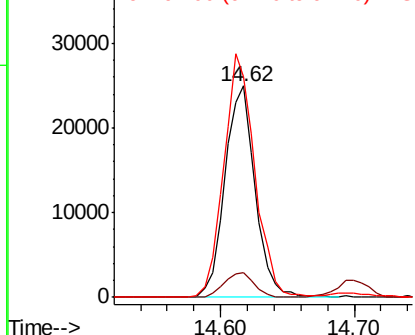
#53
3-Nitroaniline
Concen: 14.045 ng
RT: 14.62 min Scan# 1962
Delta R.T. 0.00 min
Lab File: BG040189.D
Acq: 28 Mar 2019 2:27

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tgt Ion:138 Resp: 39681
Ion Ratio Lower Upper
138 100
108 11.9 7.8 11.8#
92 104.7 87.5 131.3

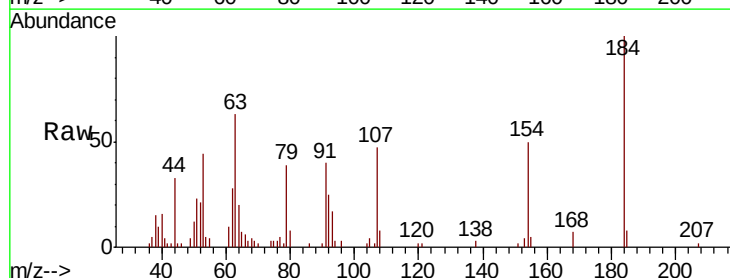


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

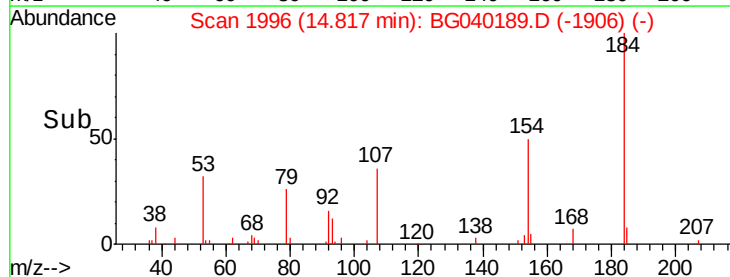
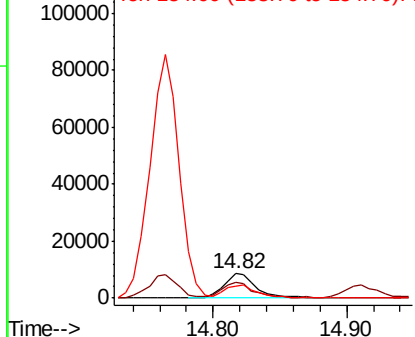


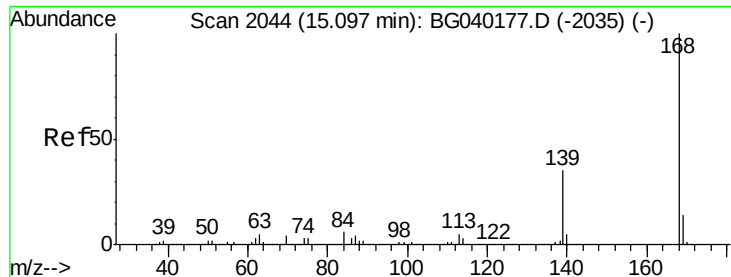
#54
2,4-Dinitrophenol
Concen: 10.141 ng
RT: 14.82 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BG040189.D
Acq: 28 Mar 2019 2:27

Tgt Ion:184 Resp: 14395
Ion Ratio Lower Upper
184 100
63 62.6 51.8 77.8
154 50.1 50.9 76.3#



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

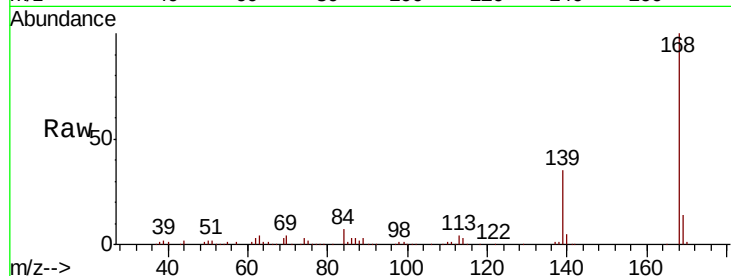




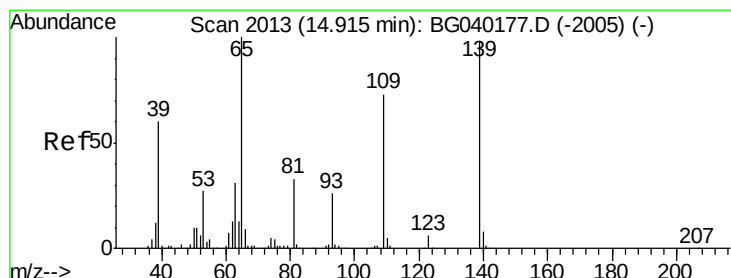
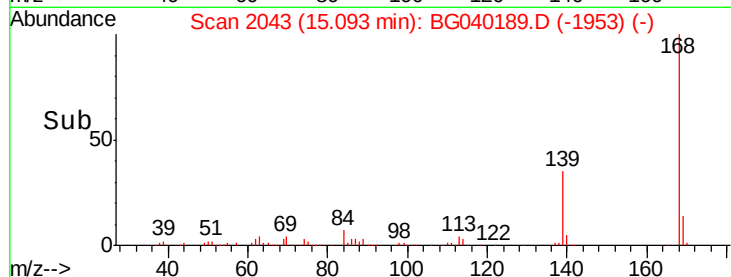
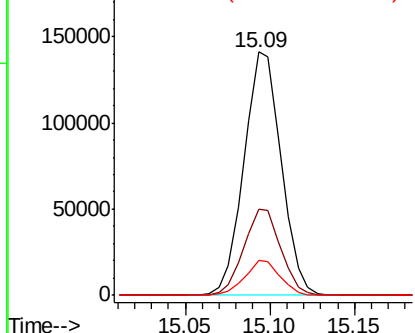
#55
Dibenzenofuran
Concen: 15.084 ng
RT: 15.09 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BG040189.D
Acq: 28 Mar 2019 2:27

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tgt Ion:168 Resp: 216759
Ion Ratio Lower Upper
168 100
139 35.3 27.9 41.9
169 14.4 11.3 16.9

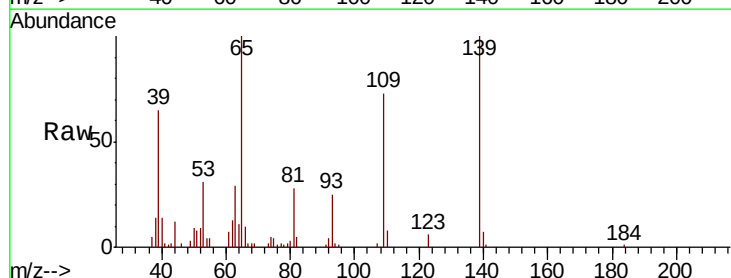


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

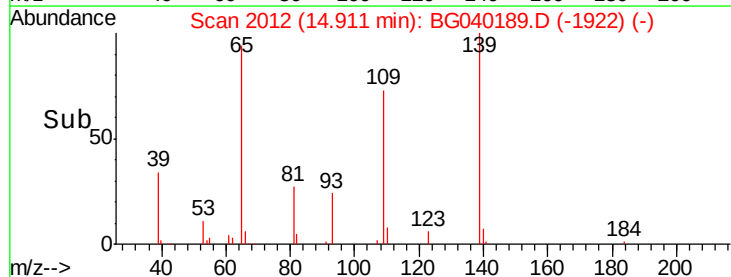
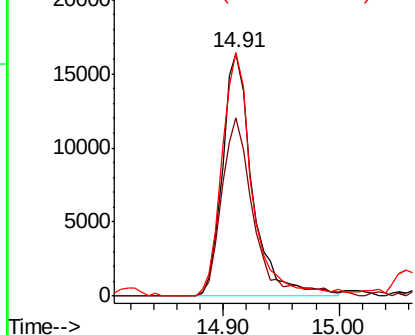


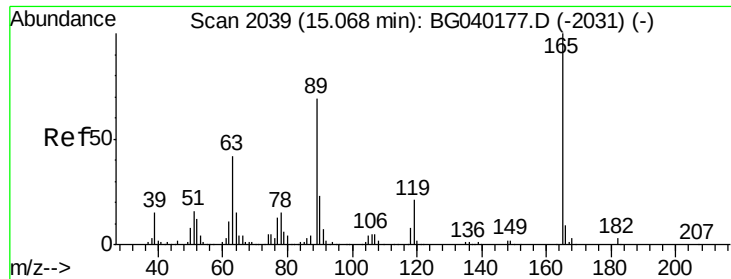
#56
4-Nitrophenol
Concen: 12.964 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BG040189.D
Acq: 28 Mar 2019 2:27

Tgt Ion:139 Resp: 29560
Ion Ratio Lower Upper
139 100
109 73.4 54.3 94.3
65 100.3 82.5 122.5



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): E

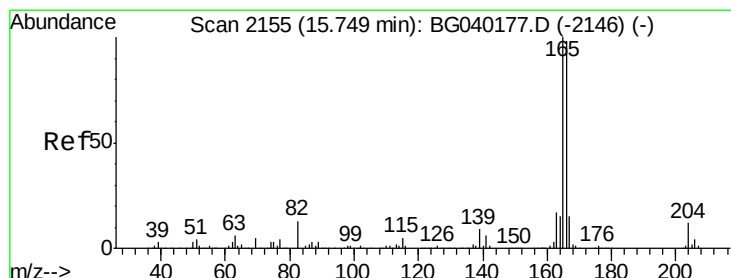
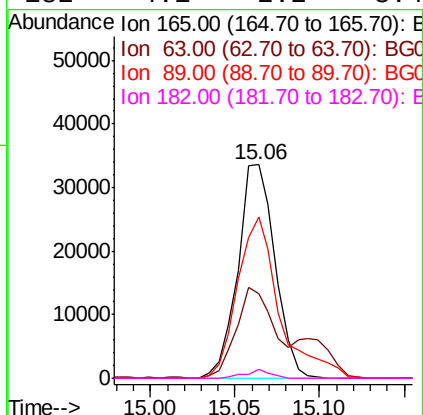
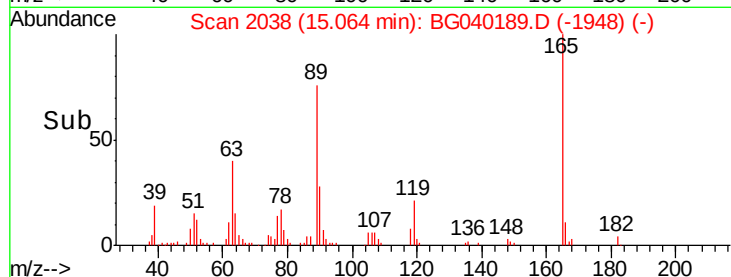
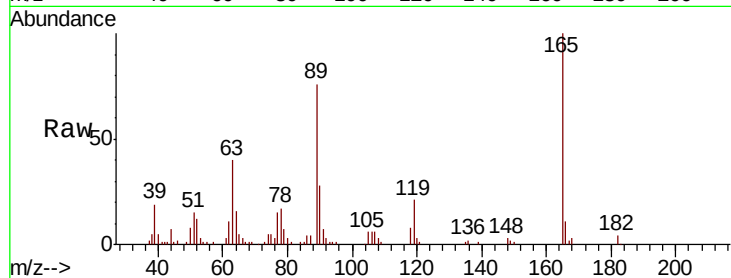




#57
2,4-Dinitrotoluene
Concen: 13.885 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BG040189.D
Acq: 28 Mar 2019 2:27

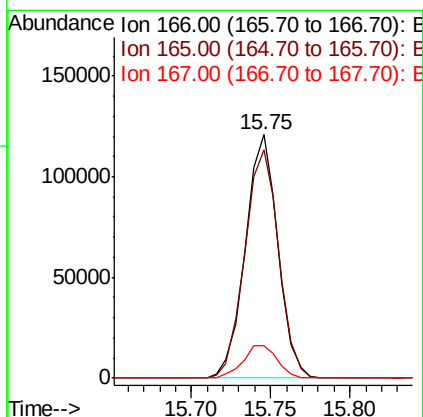
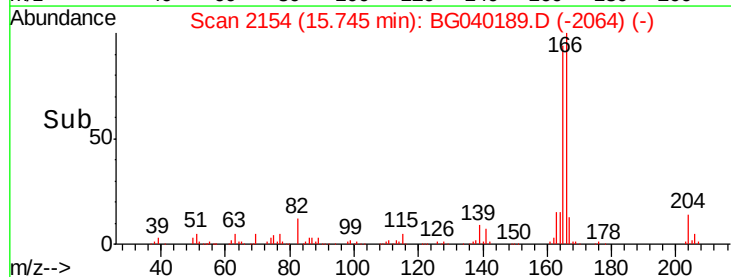
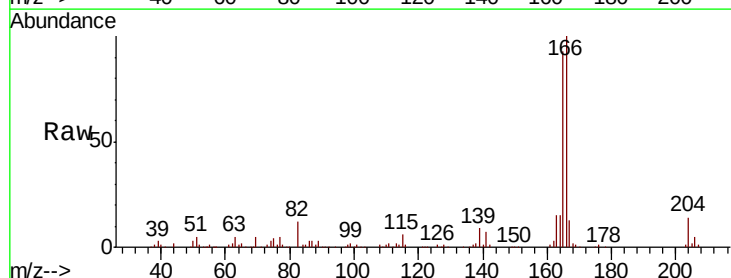
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

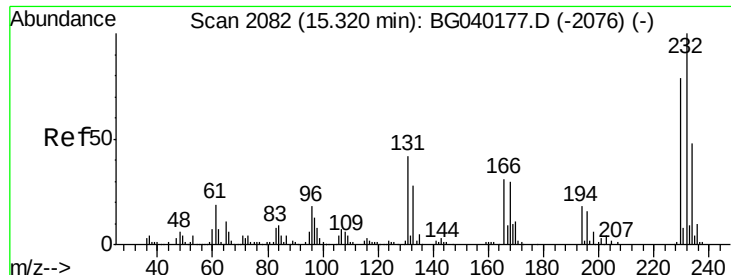
Tgt Ion	Ratio	Lower	Upper
165	100		
63	39.6	33.8	50.6
89	75.6	55.4	83.2
182	4.1	2.2	3.4



#58
Fluorene
Concen: 15.213 ng
RT: 15.75 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BG040189.D
Acq: 28 Mar 2019 2:27

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.5	81.7	122.5
167	13.5	11.9	17.9

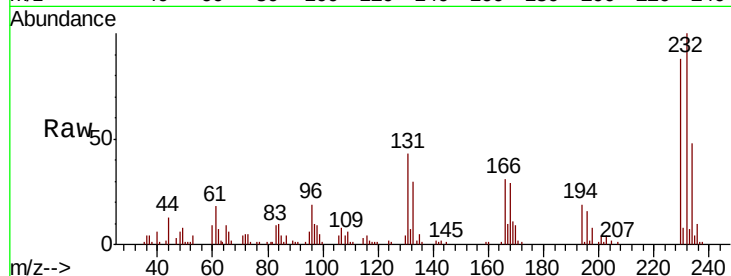




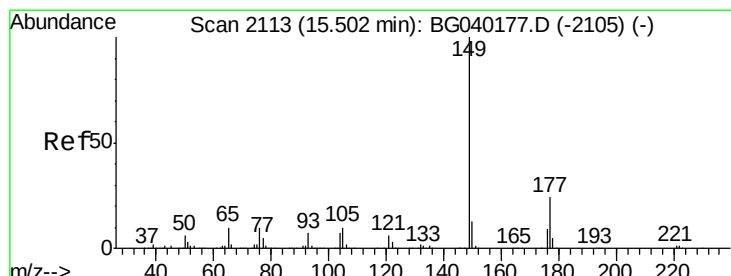
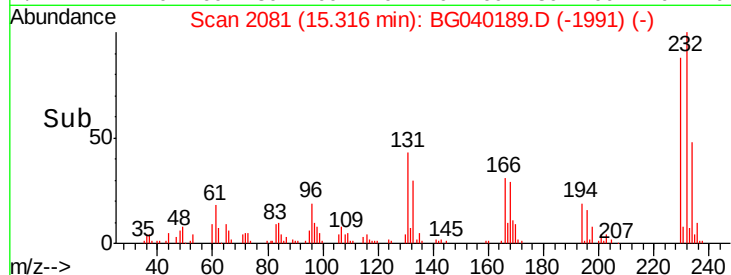
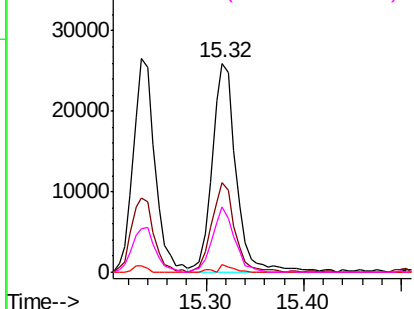
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 14.378 ng
 RT: 15.32 min Scan# 2081
 Delta R.T. -0.00 min
 Lab File: BG040189.D
 Acq: 28 Mar 2019 2:27

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2019

Tgt Ion:	232	Resp:	44261
Ion	Ratio	Lower	Upper
232	100		
131	40.9	32.9	49.3
130	2.5	1.8	2.8
166	28.4	23.5	35.3

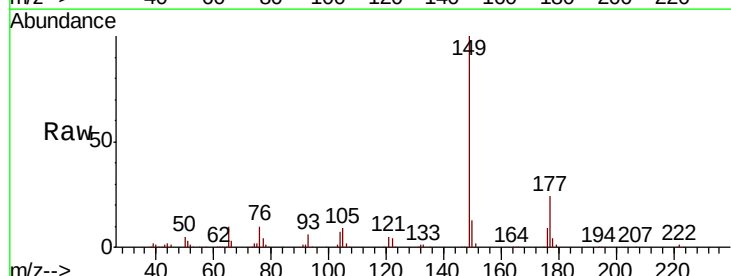


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

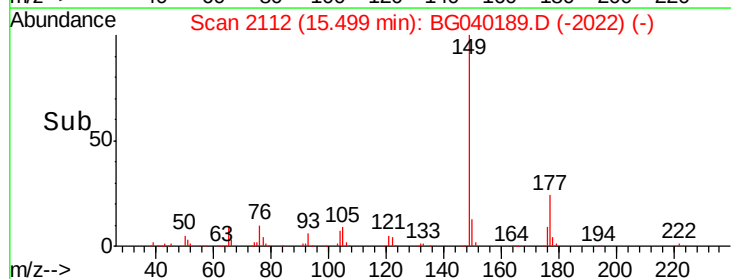
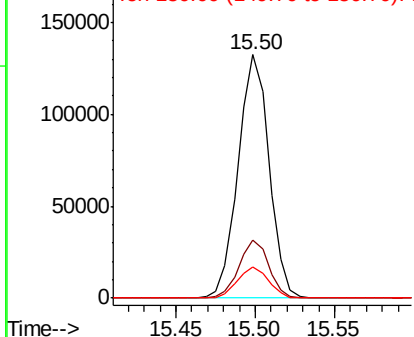


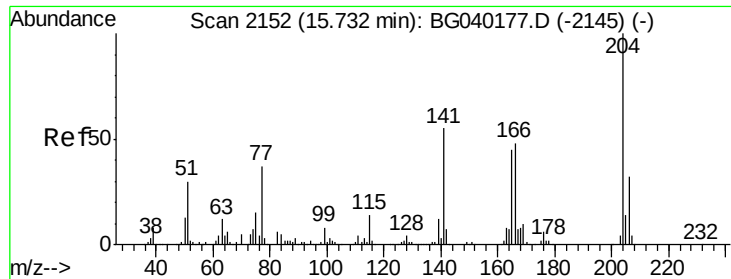
#60
 Diethylphthalate
 Concen: 14.686 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: BG040189.D
 Acq: 28 Mar 2019 2:27

Tgt Ion:	149	Resp:	178630
Ion	Ratio	Lower	Upper
149	100		
177	23.6	19.1	28.7
150	13.0	10.6	15.8



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

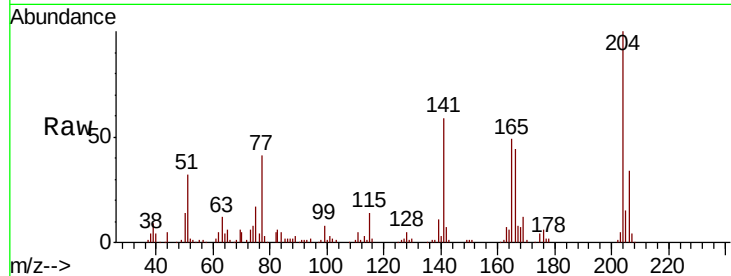




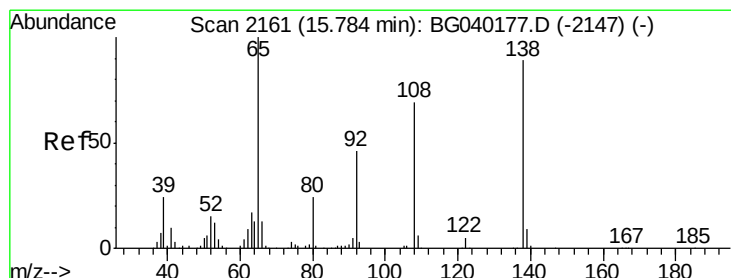
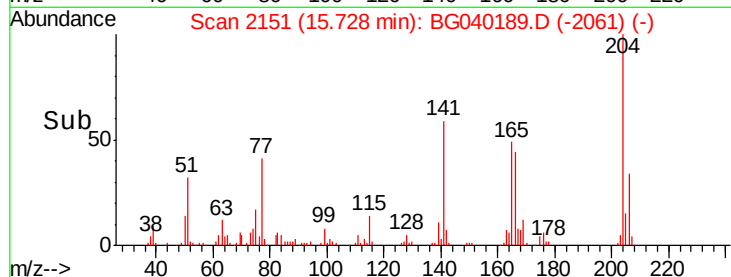
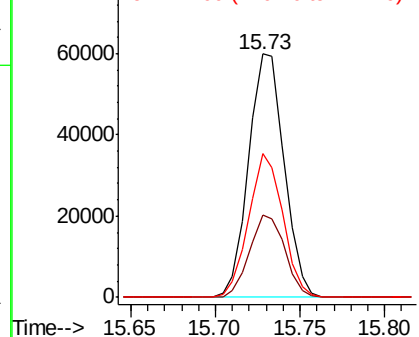
#61
4-Chlorophenyl-phenylether
Concen: 14.567 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG040189.D
Acq: 28 Mar 2019 2:27

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tgt Ion: 204 Resp: 87973
Ion Ratio Lower Upper
204 100
206 33.8 25.7 38.5
141 59.2 44.0 66.0

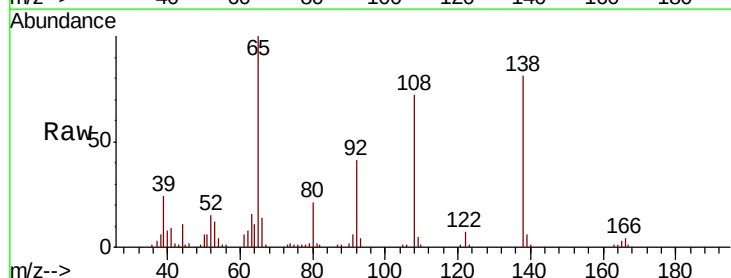


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

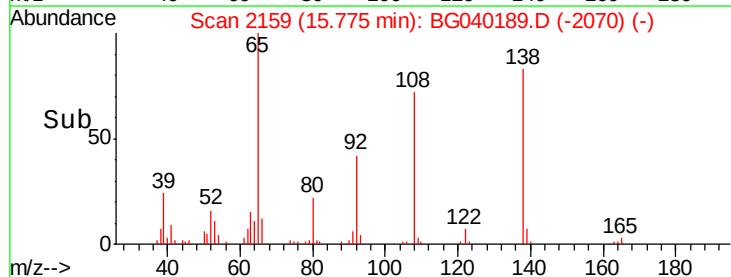
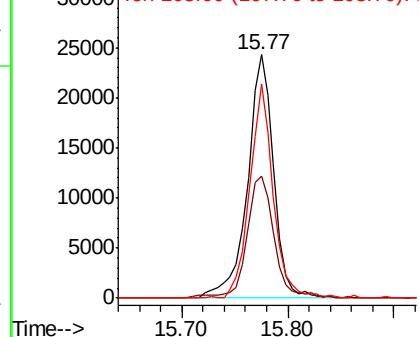


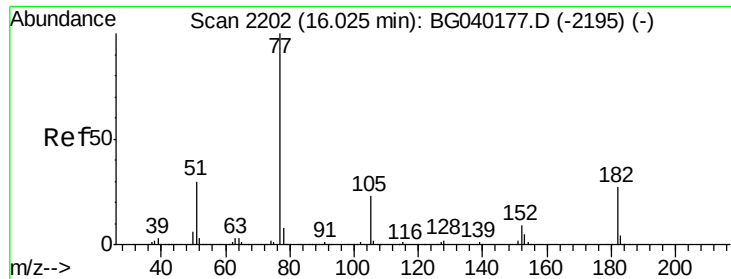
#62
4-Nitroaniline
Concen: 13.780 ng
RT: 15.77 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BG040189.D
Acq: 28 Mar 2019 2:27

Tgt Ion: 138 Resp: 41780
Ion Ratio Lower Upper
138 100
92 50.0 31.8 71.8
108 87.8 57.2 97.2



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: 14.789 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.00 min

Lab File: BG040189.D

Acq: 28 Mar 2019 2:27

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

Tgt Ion: 77 Resp: 169683

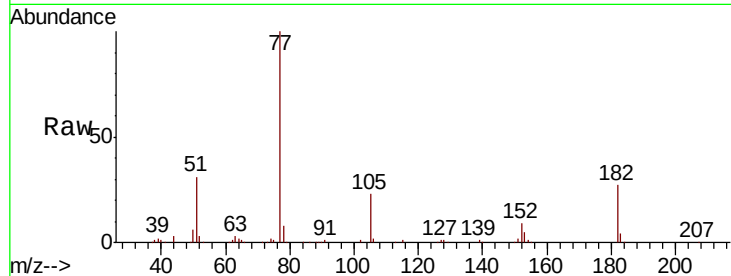
Ion Ratio Lower Upper

77 100

182 26.6 7.2 47.2

105 22.6 2.8 42.8

51 31.2 10.4 50.4

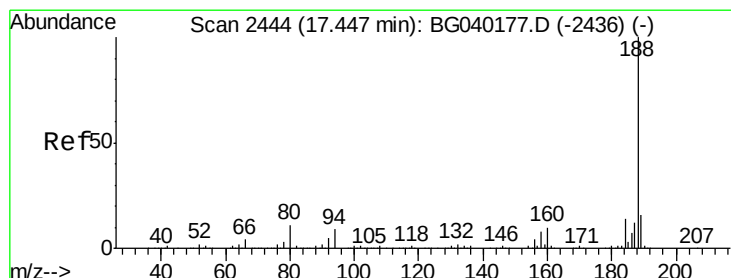
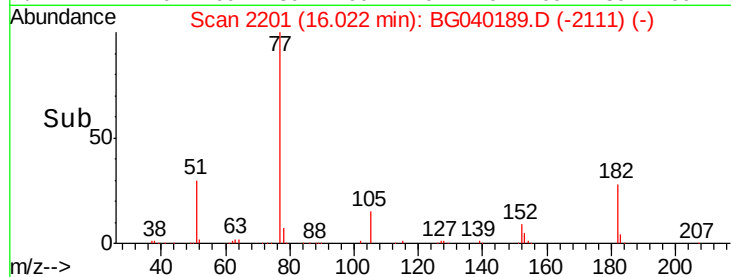
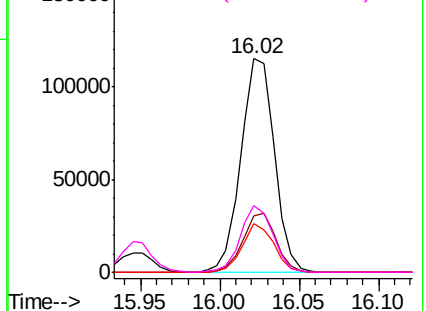


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG040189.D

Acq: 28 Mar 2019 2:27

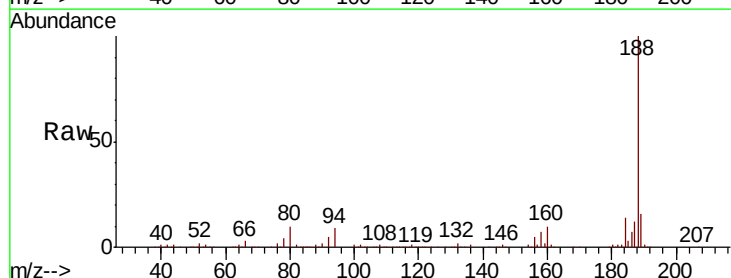
Tgt Ion: 188 Resp: 355602

Ion Ratio Lower Upper

188 100

94 8.8 7.0 10.4

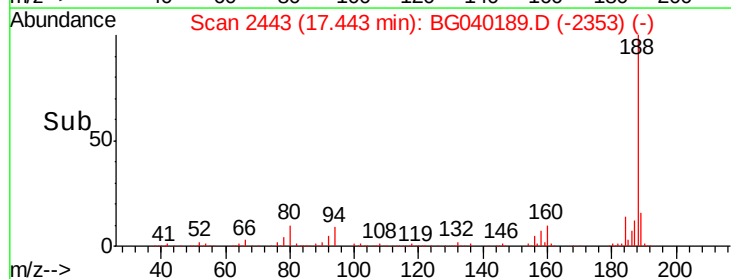
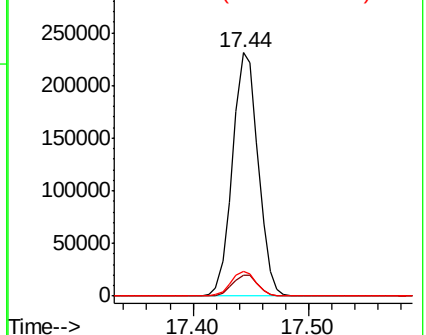
80 10.1 8.6 13.0

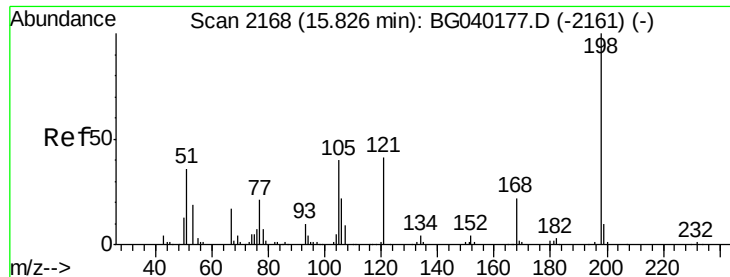


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 12.139 ng

RT: 15.82 min Scan# 2167

Delta R.T. -0.00 min

Lab File: BG040189.D

Acq: 28 Mar 2019 2:27

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

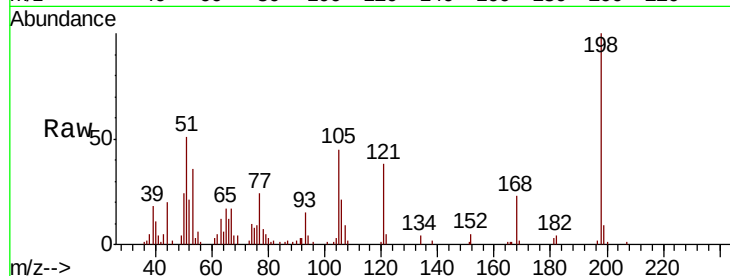
Tgt Ion:198 Resp: 24252

Ion Ratio Lower Upper

198 100

51 50.8 27.3 67.3

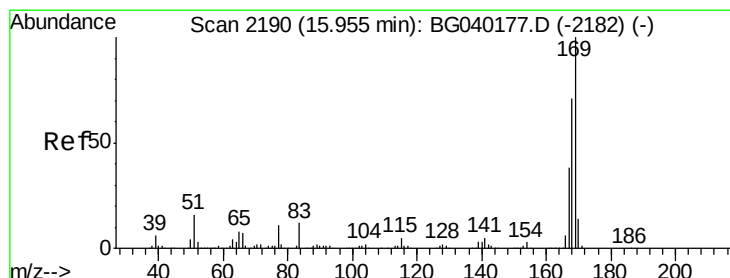
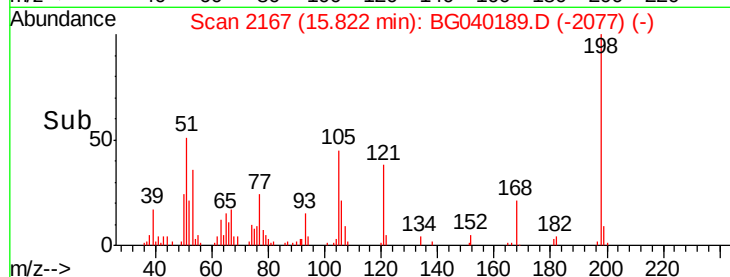
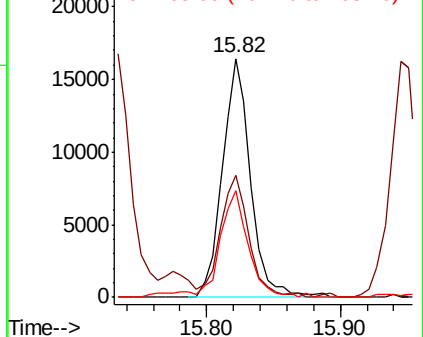
105 44.7 21.7 61.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG040189.D (-2099) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 14.746 ng

RT: 15.95 min Scan# 2189

Delta R.T. -0.00 min

Lab File: BG040189.D

Acq: 28 Mar 2019 2:27

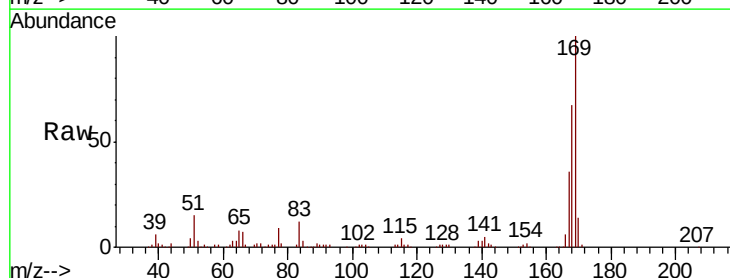
Tgt Ion:169 Resp: 153441

Ion Ratio Lower Upper

169 100

168 66.6 56.8 85.2

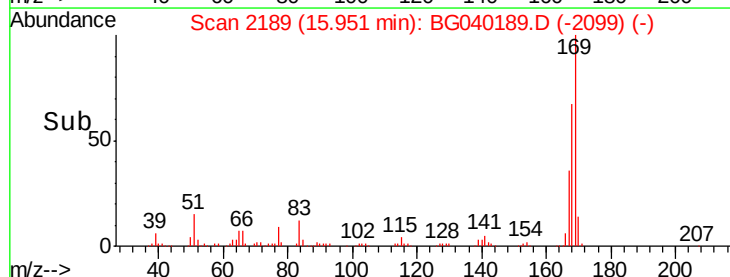
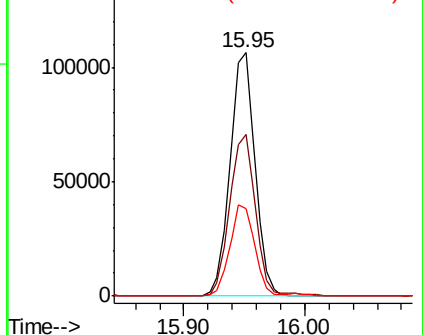
167 36.1 30.2 45.4

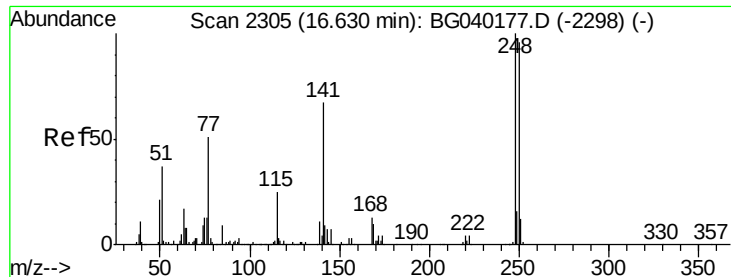


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

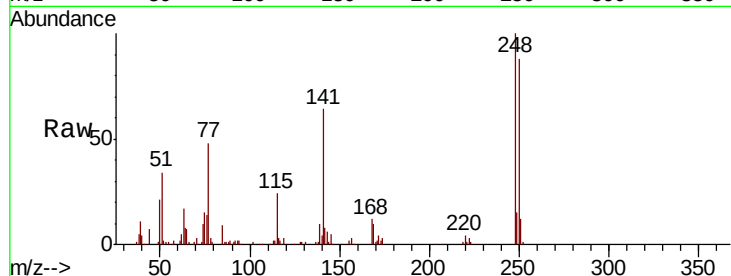




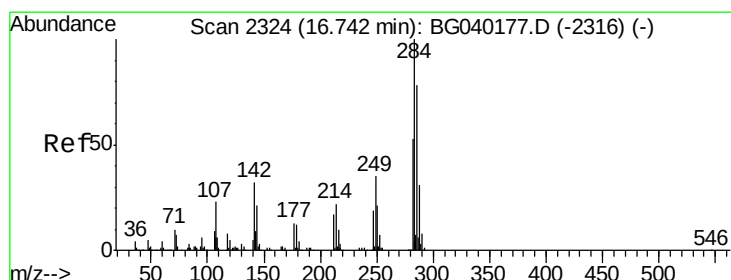
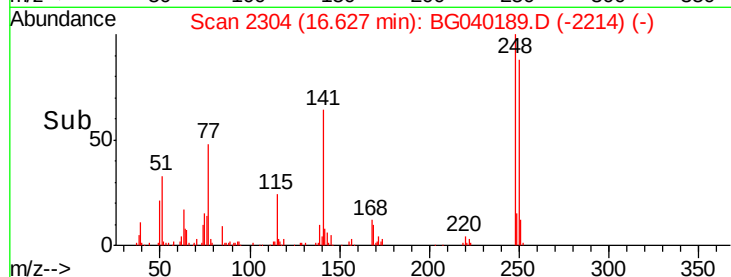
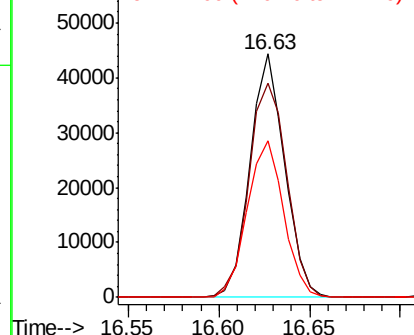
#67
4-Bromophenyl-phenylether
Concen: 14.714 ng
RT: 16.63 min Scan# 2304
Delta R.T. -0.00 min
Lab File: BG040189.D
Acq: 28 Mar 2019 2:27

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tgt Ion:248 Resp: 58880
Ion Ratio Lower Upper
248 100
250 88.0 76.4 114.6
141 64.5 53.8 80.8

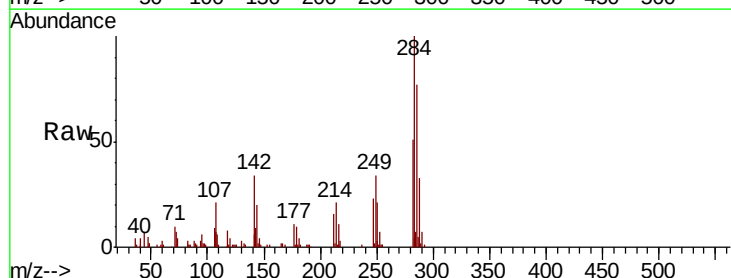


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

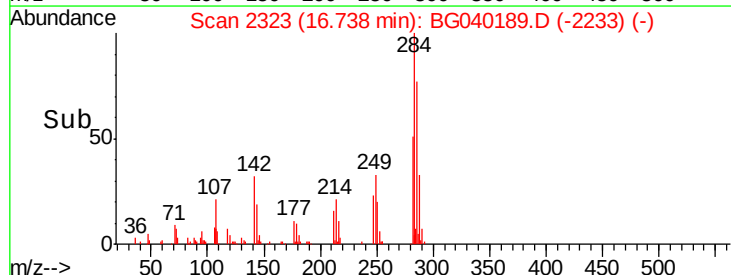
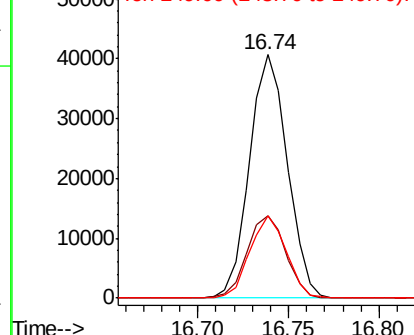


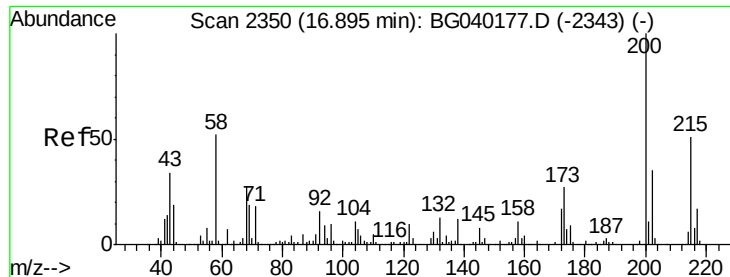
#68
Hexachlorobenzene
Concen: 14.701 ng
RT: 16.74 min Scan# 2323
Delta R.T. -0.00 min
Lab File: BG040189.D
Acq: 28 Mar 2019 2:27

Tgt Ion:284 Resp: 59152
Ion Ratio Lower Upper
284 100
142 34.0 25.3 37.9
249 33.6 28.2 42.2



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: 14.083 ng

RT: 16.89 min Scan# 2348

Delta R.T. -0.01 min

Lab File: BG040189.D

Acq: 28 Mar 2019 2:27

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

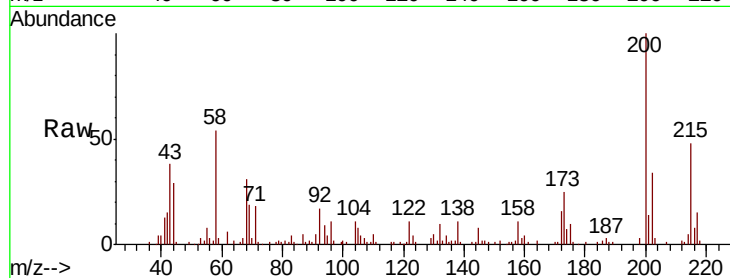
Tgt Ion:200 Resp: 54515

Ion Ratio Lower Upper

200 100

173 25.3 7.1 47.1

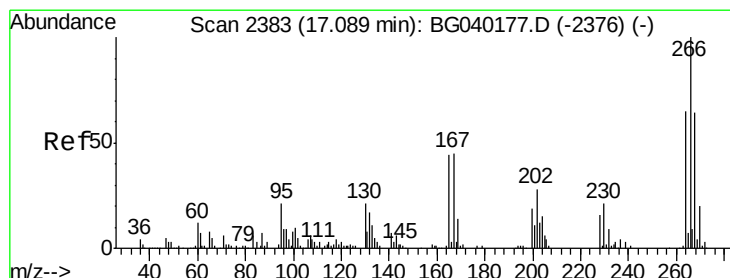
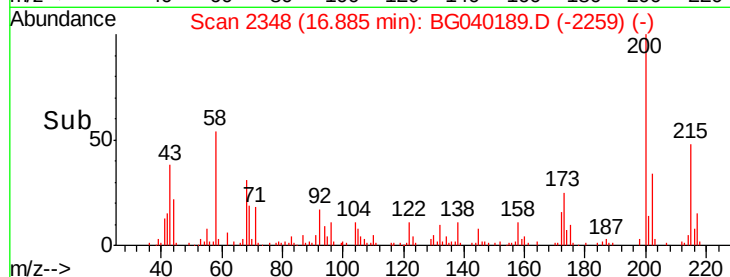
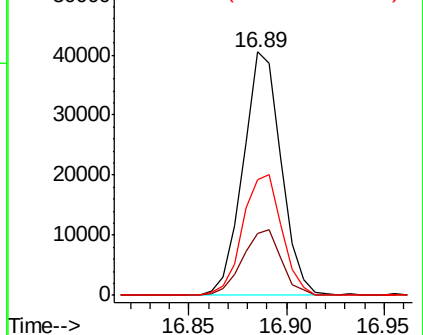
215 47.5 30.9 70.9



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: 12.152 ng

RT: 17.09 min Scan# 2383

Delta R.T. 0.00 min

Lab File: BG040189.D

Acq: 28 Mar 2019 2:27

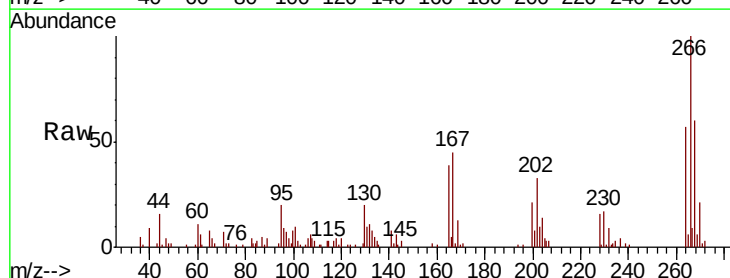
Tgt Ion:266 Resp: 28268

Ion Ratio Lower Upper

266 100

268 59.9 55.0 82.4

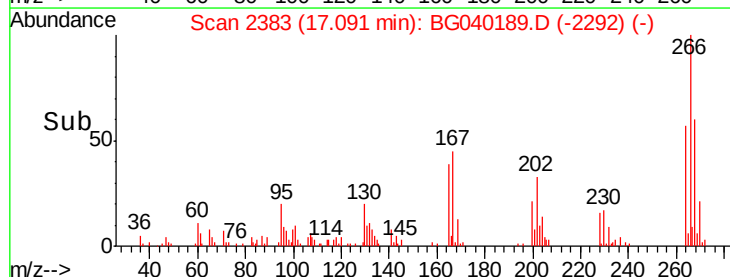
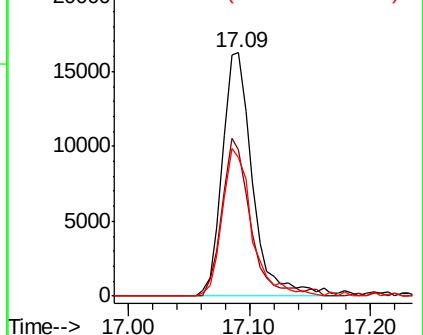
264 57.1 51.8 77.8

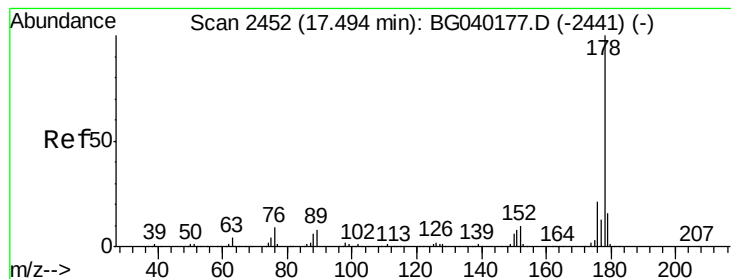


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 15.199 ng

RT: 17.49 min Scan# 2451

Delta R.T. -0.00 min

Lab File: BG040189.D

Acq: 28 Mar 2019 2:27

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

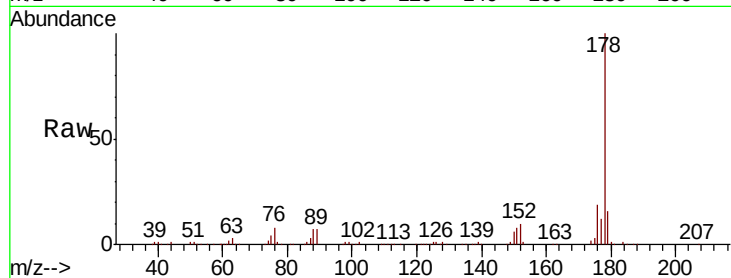
Tgt Ion:178 Resp: 284082

Ion Ratio Lower Upper

178 100

176 19.4 16.7 25.1

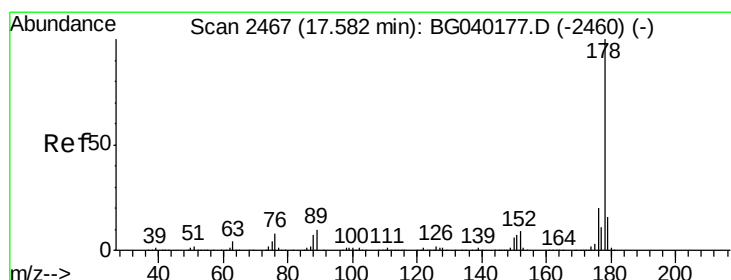
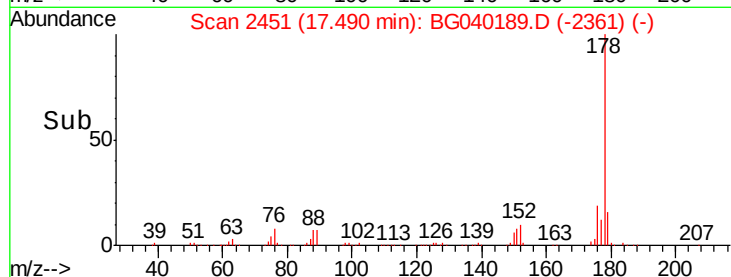
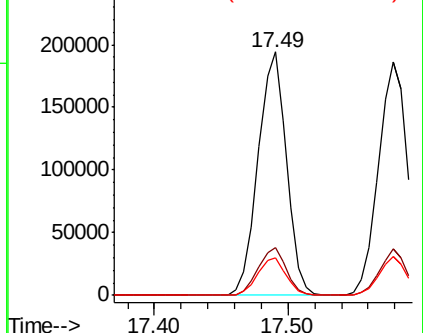
179 15.7 12.8 19.2



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



#72

Anthracene

Concen: 15.068 ng

RT: 17.58 min Scan# 2466

Delta R.T. -0.00 min

Lab File: BG040189.D

Acq: 28 Mar 2019 2:27

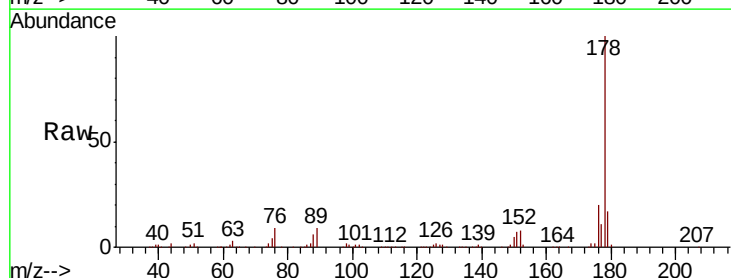
Tgt Ion:178 Resp: 281906

Ion Ratio Lower Upper

178 100

176 20.0 15.9 23.9

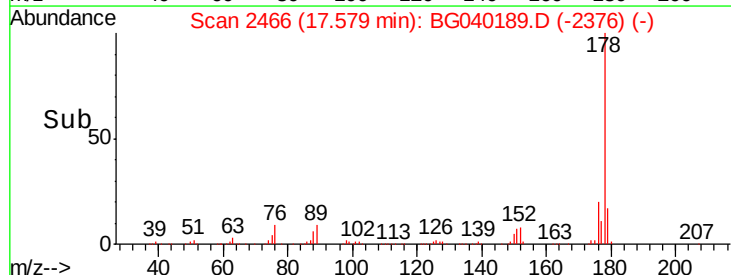
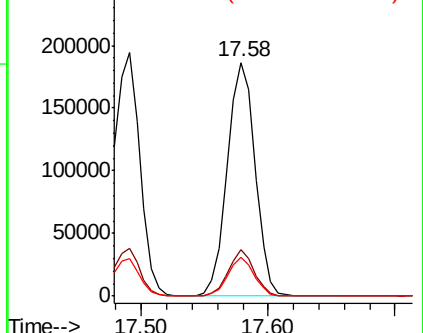
179 16.8 12.9 19.3

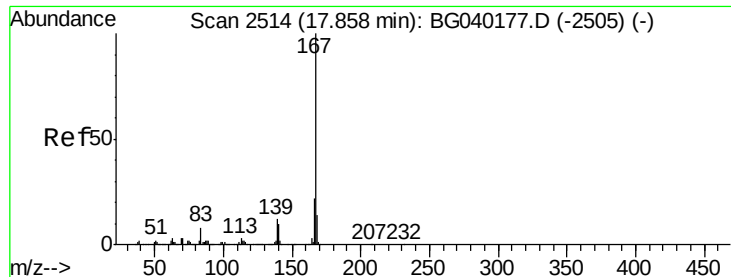


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

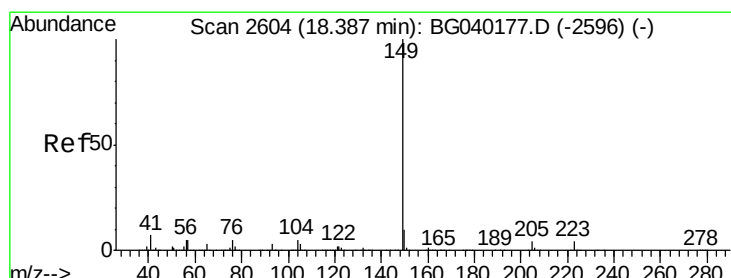
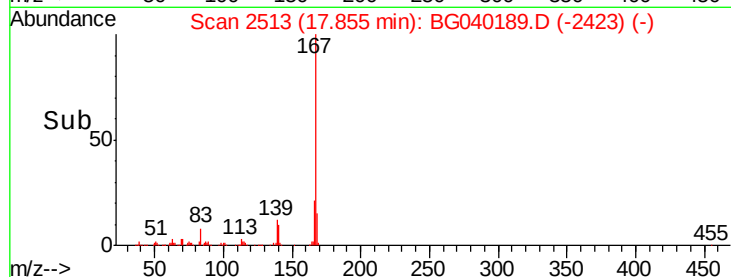
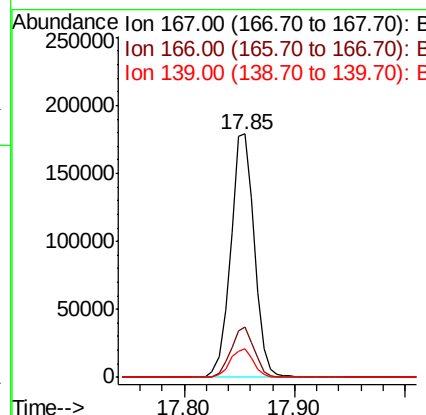
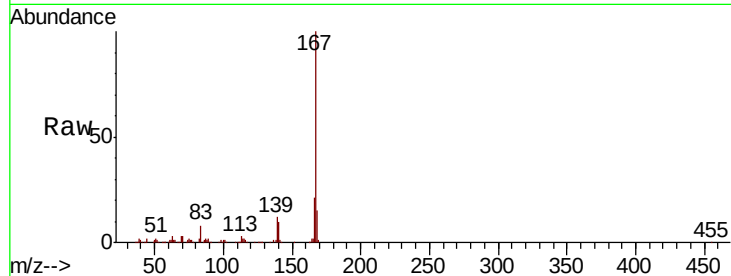




#73
 Carbazole
 Concen: 15.186 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. -0.00 min
 Lab File: BG040189.D
 Acq: 28 Mar 2019 2:27

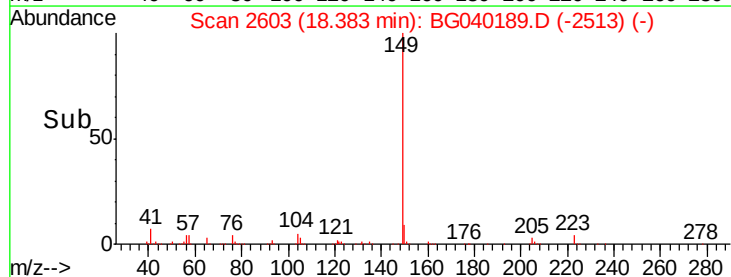
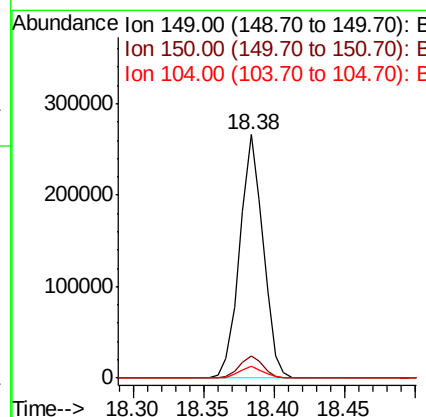
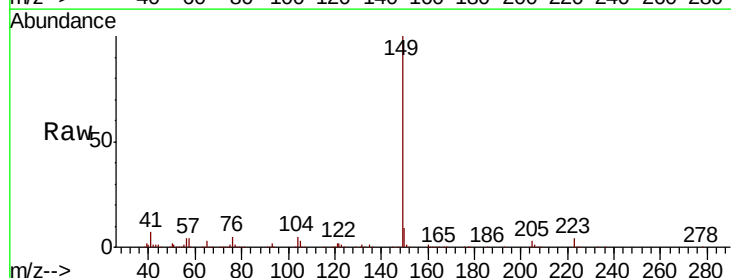
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2019

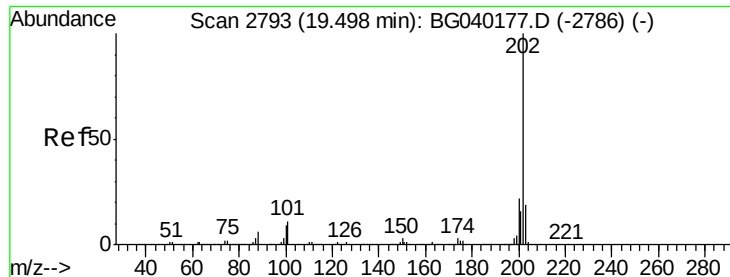
Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.8	17.5	26.3
139	11.5	10.0	15.0



#74
 Di-n-butylphthalate
 Concen: 14.666 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: BG040189.D
 Acq: 28 Mar 2019 2:27

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.9	11.9
104	4.8	4.1	6.1





#75

Fluoranthene

Concen: 15.658 ng

RT: 19.49 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BG040189.D

Acq: 28 Mar 2019 2:27

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

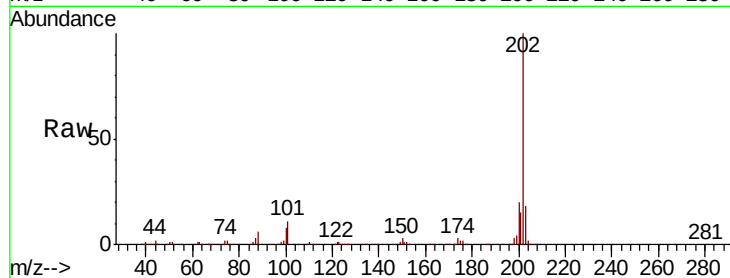
Tgt Ion:202 Resp: 346561

Ion Ratio Lower Upper

202 100

101 10.7 0.0 30.8

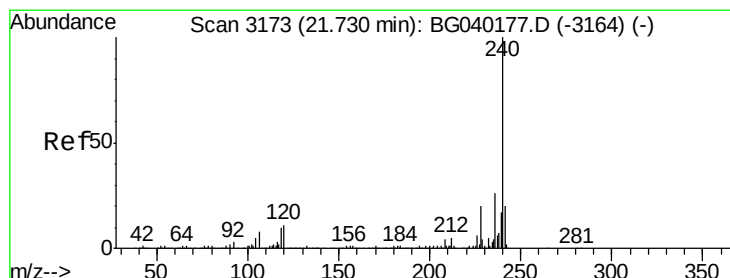
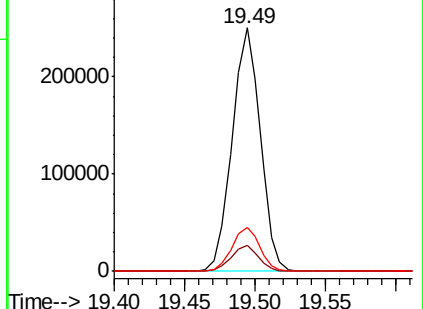
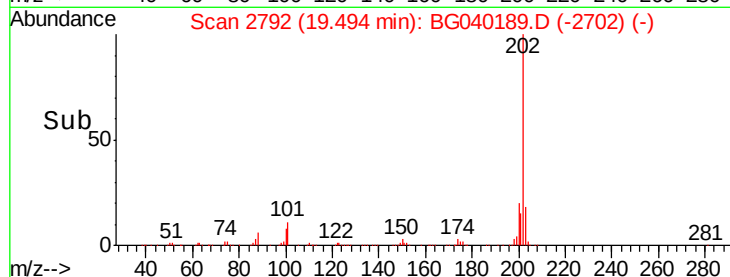
203 17.9 0.0 38.9



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: 21.72 min Scan# 3171

Delta R.T. -0.01 min

Lab File: BG040189.D

Acq: 28 Mar 2019 2:27

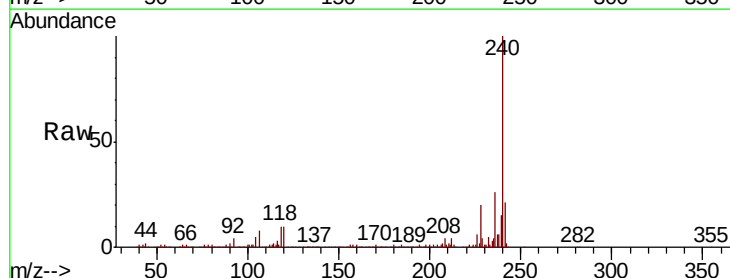
Tgt Ion:240 Resp: 354080

Ion Ratio Lower Upper

240 100

120 10.1 8.4 12.6

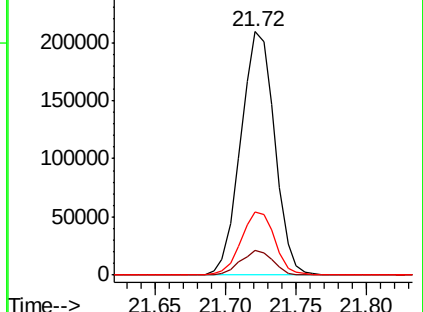
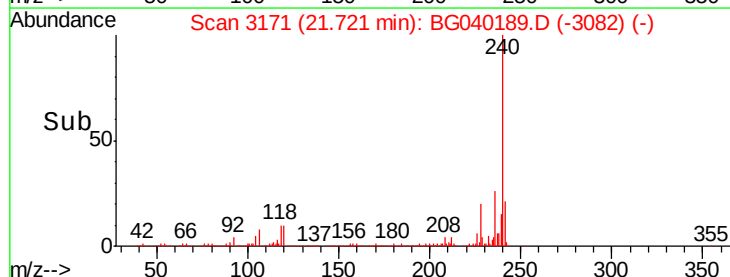
236 25.7 20.8 31.2

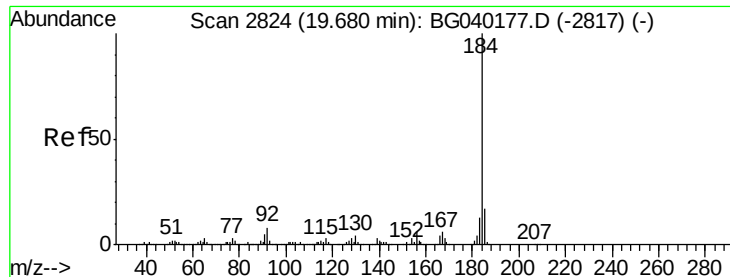


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 11.422 ng

RT: 19.68 min Scan# 2823

Delta R.T. -0.00 min

Lab File: BG040189.D

Acq: 28 Mar 2019 2:27

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

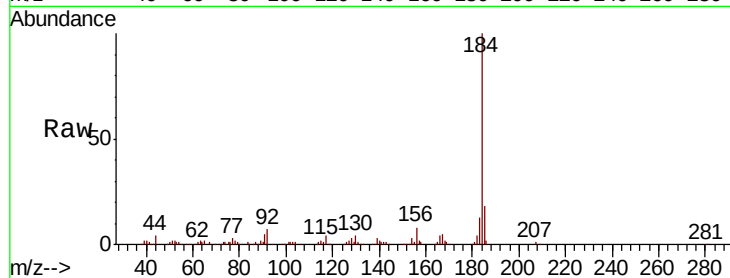
Tgt Ion:184 Resp: 146046

Ion Ratio Lower Upper

184 100

185 17.9 13.3 19.9

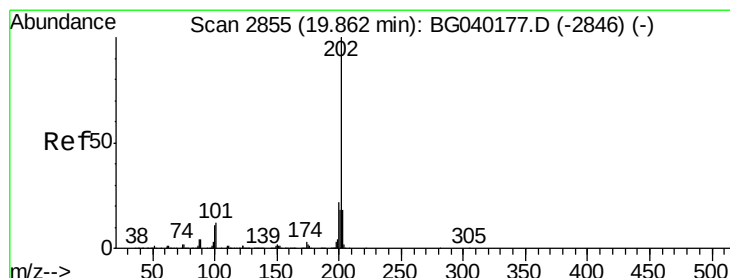
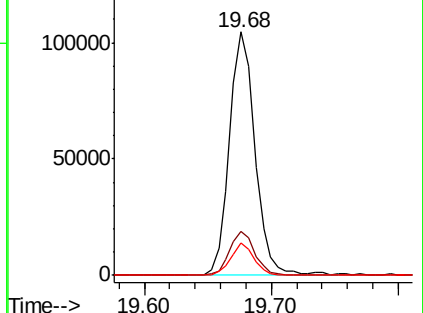
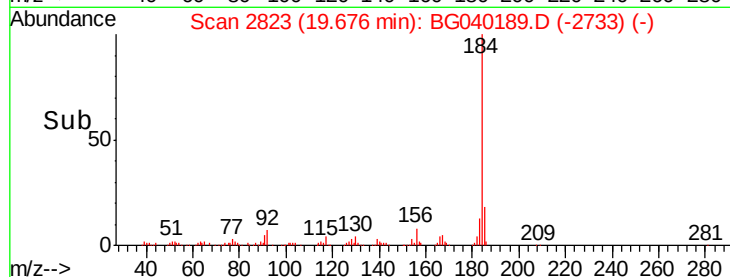
183 13.2 10.3 15.5



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: 15.230 ng

RT: 19.86 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG040189.D

Acq: 28 Mar 2019 2:27

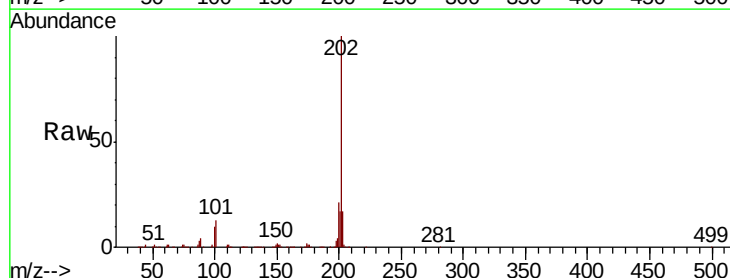
Tgt Ion:202 Resp: 354631

Ion Ratio Lower Upper

202 100

200 20.7 17.3 25.9

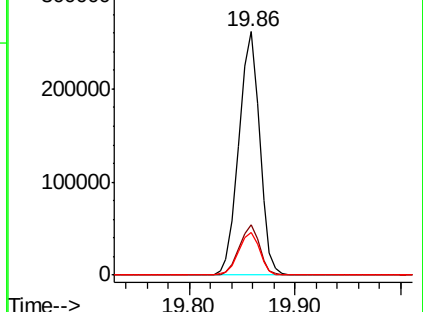
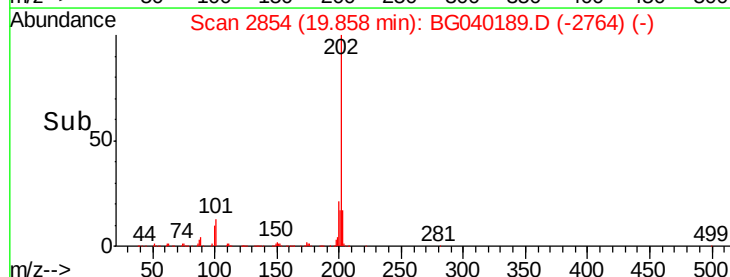
203 17.3 14.6 22.0

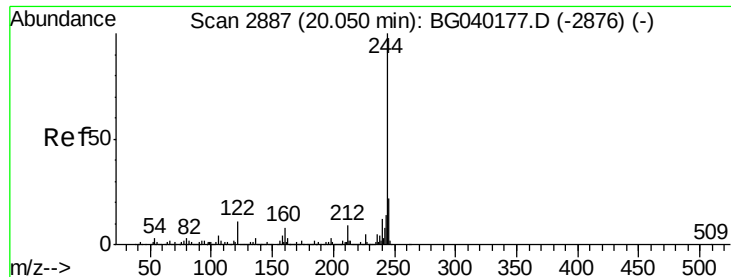


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 70.080 ng

RT: 20.05 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG040189.D

Acq: 28 Mar 2019 2:27

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

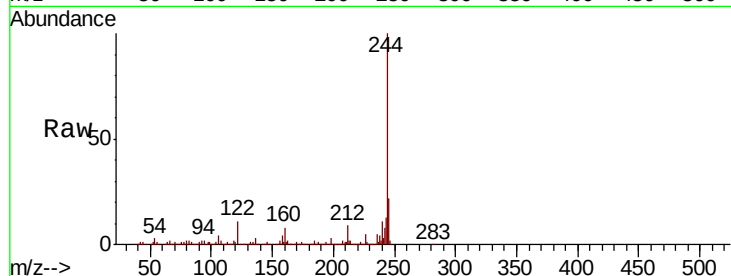
Tgt Ion:244 Resp: 1103014

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.6

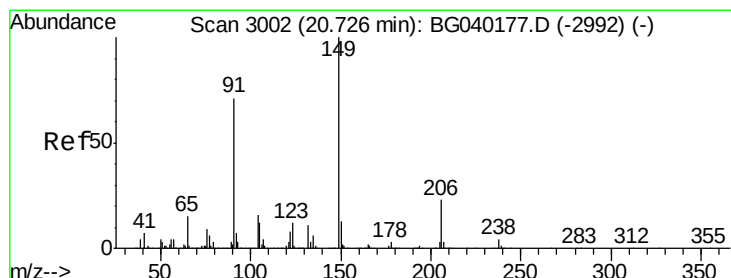
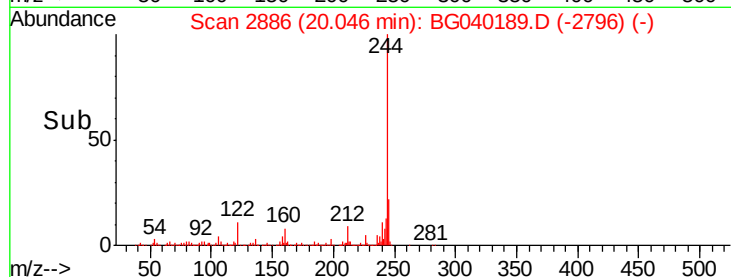
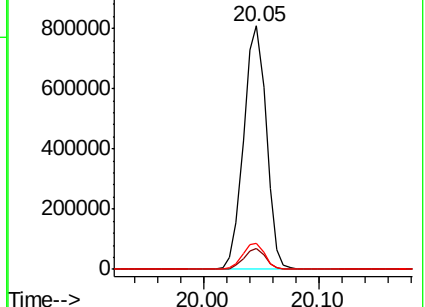
122 10.8 8.5 12.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 13.439 ng

RT: 20.72 min Scan# 3001

Delta R.T. -0.00 min

Lab File: BG040189.D

Acq: 28 Mar 2019 2:27

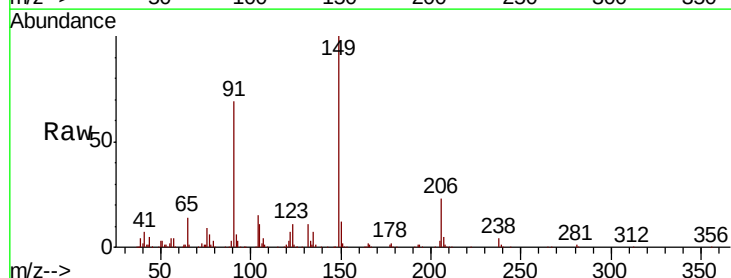
Tgt Ion:149 Resp: 133904

Ion Ratio Lower Upper

149 100

91 69.3 57.0 85.4

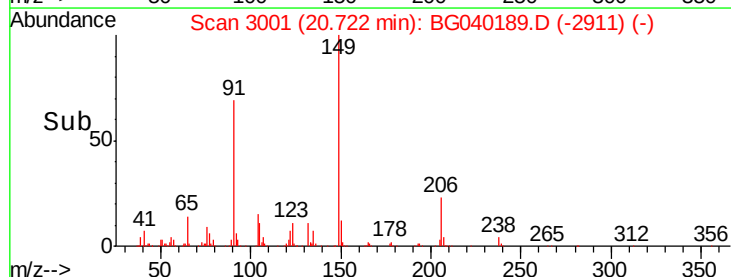
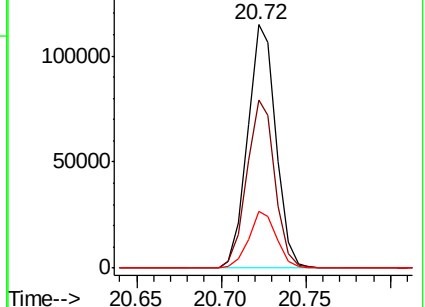
206 23.1 18.2 27.4

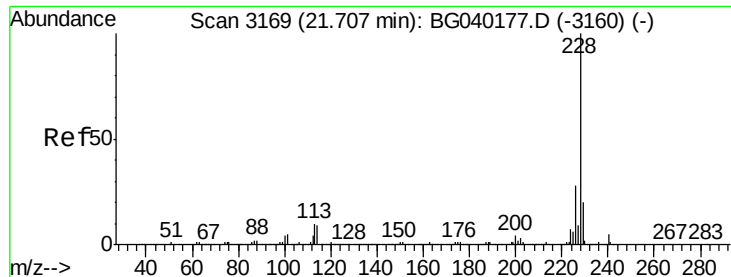


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 14.954 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG040189.D

Acq: 28 Mar 2019 2:27

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

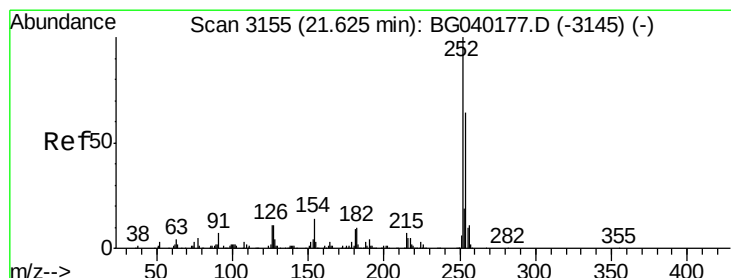
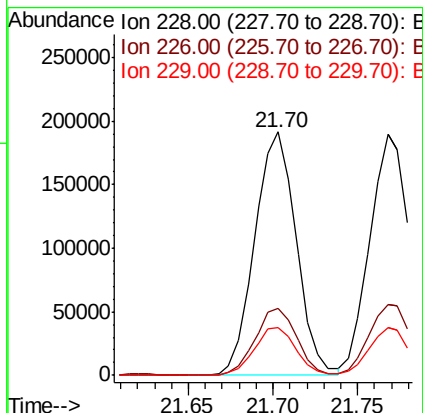
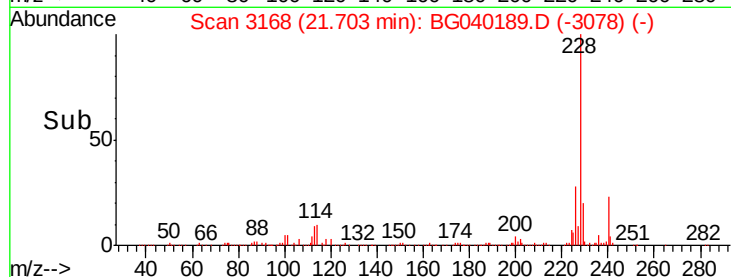
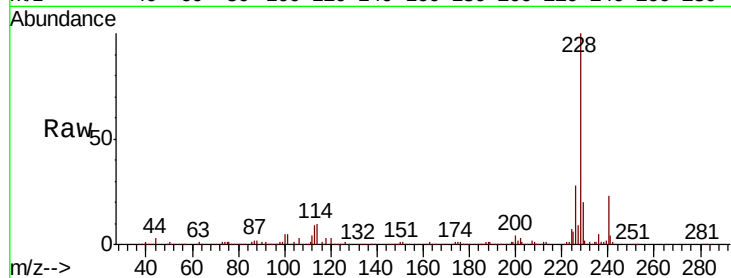
Tgt Ion:228 Resp: 326144

Ion Ratio Lower Upper

228 100

226 27.5 22.6 34.0

229 19.7 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 13.678 ng

RT: 21.61 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BG040189.D

Acq: 28 Mar 2019 2:27

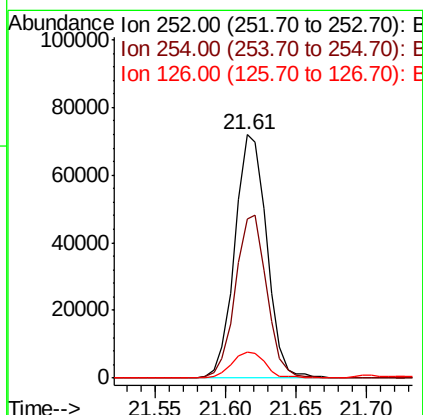
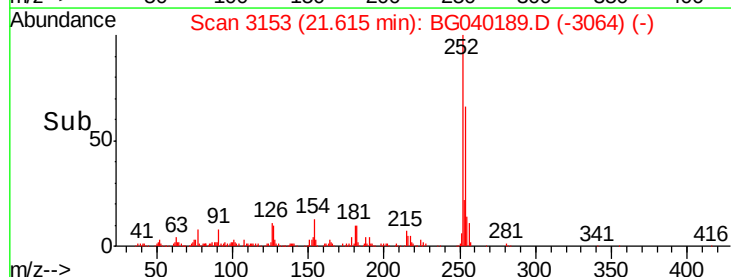
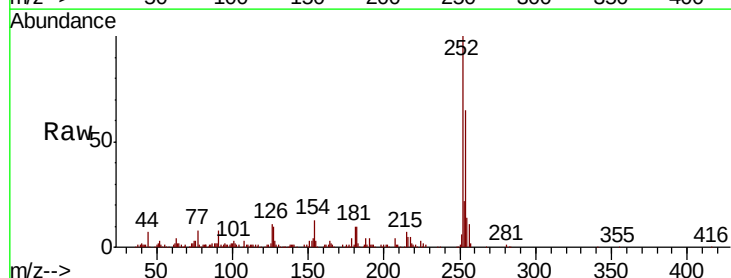
Tgt Ion:252 Resp: 113482

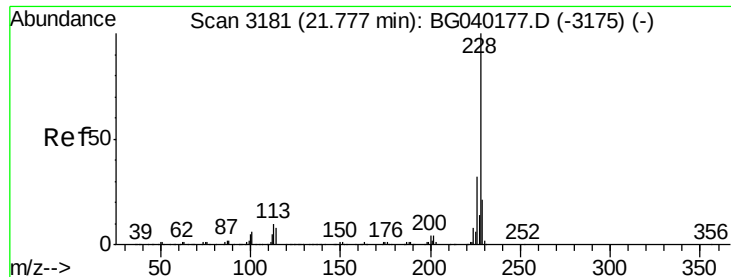
Ion Ratio Lower Upper

252 100

254 65.5 51.4 77.2

126 10.8 8.5 12.7





#83

Chrysene

Concen: 15.040 ng

RT: 21.77 min Scan# 3179

Delta R.T. -0.01 min

Lab File: BG040189.D

Acq: 28 Mar 2019 2:27

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

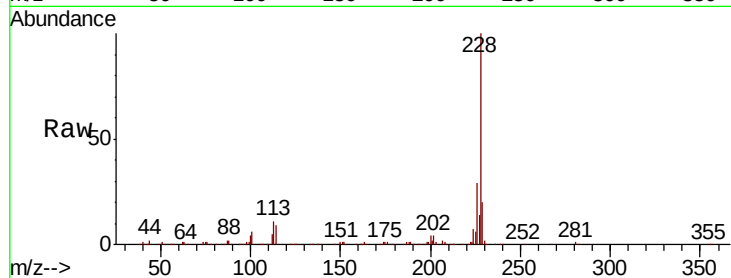
Tgt Ion:228 Resp: 315232

Ion Ratio Lower Upper

228 100

226 29.2 25.4 38.0

229 19.8 17.0 25.4

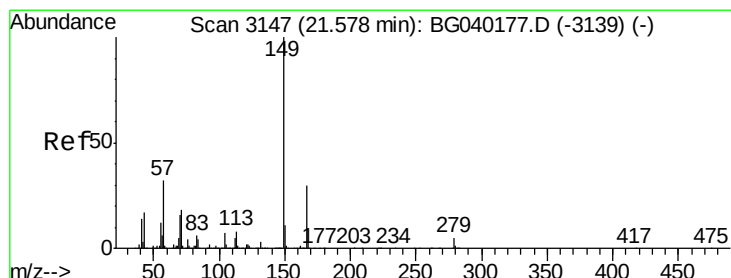
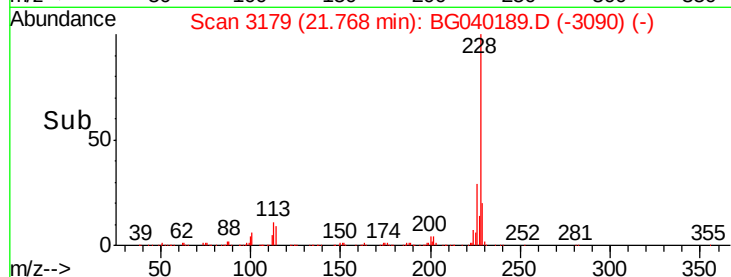
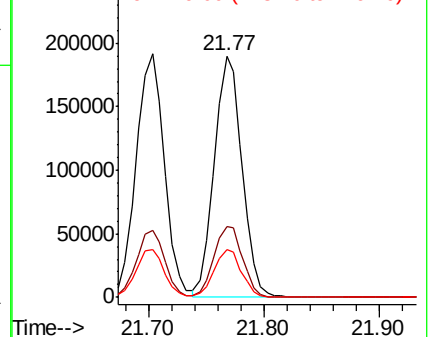


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 13.379 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG040189.D

Acq: 28 Mar 2019 2:27

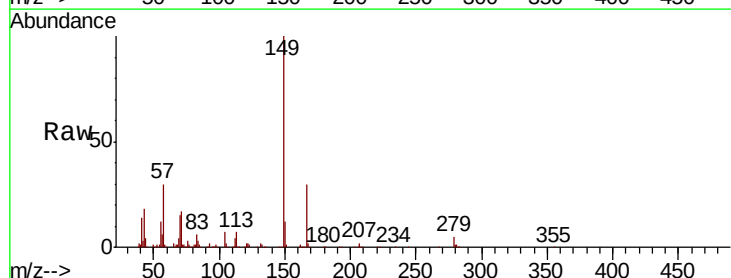
Tgt Ion:149 Resp: 190559

Ion Ratio Lower Upper

149 100

167 29.6 24.1 36.1

279 4.8 4.1 6.1

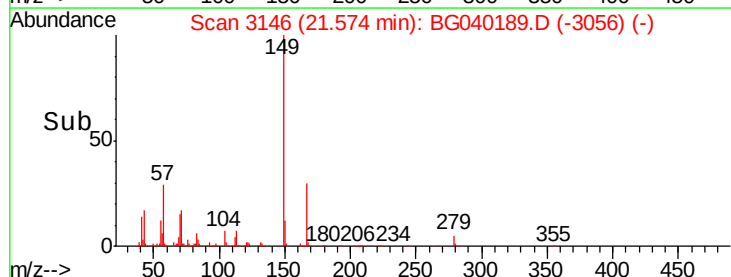
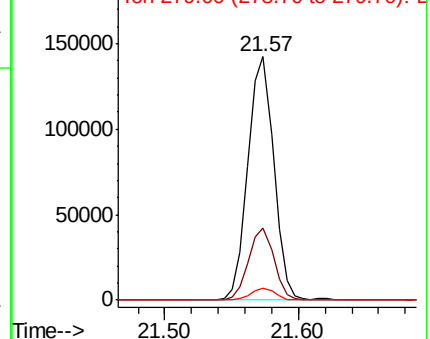


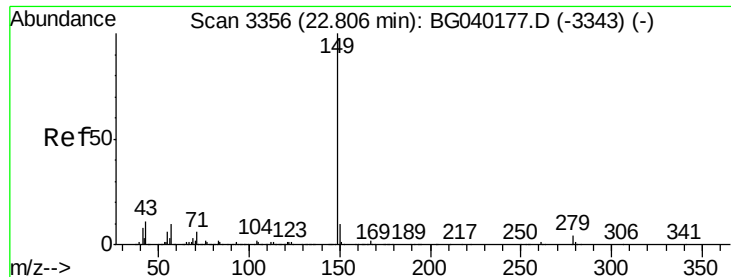
Abundance

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: 13.409 ng

RT: 22.80 min Scan# 3355

Delta R.T. -0.00 min

Lab File: BG040189.D

Acq: 28 Mar 2019 2:27

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

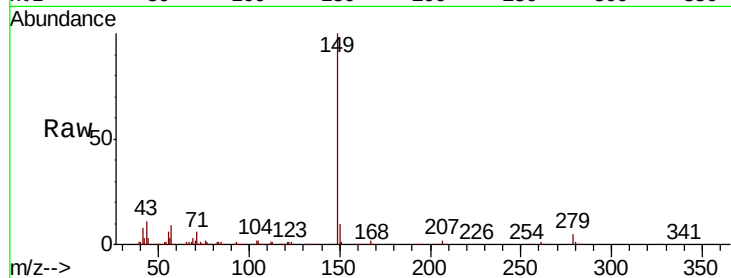
Tgt Ion:149 Resp: 325383

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

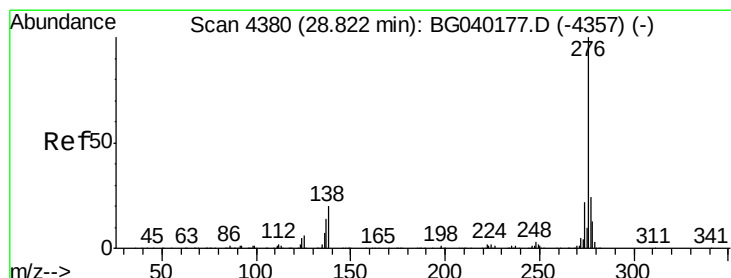
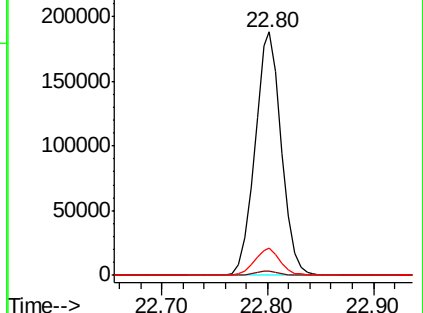
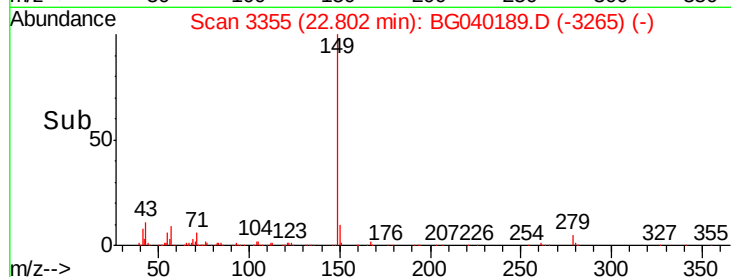
43 11.2 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 14.214 ng

RT: 28.80 min Scan# 4376

Delta R.T. -0.02 min

Lab File: BG040189.D

Acq: 28 Mar 2019 2:27

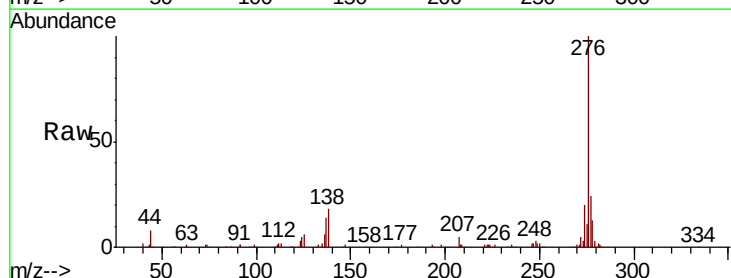
Tgt Ion:276 Resp: 364390

Ion Ratio Lower Upper

276 100

138 7.9 18.8 28.2#

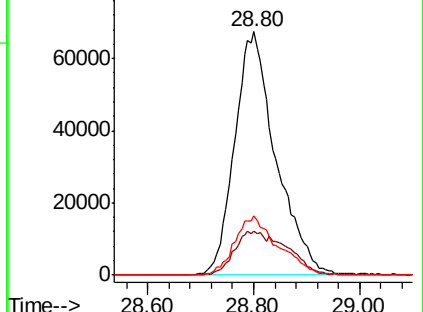
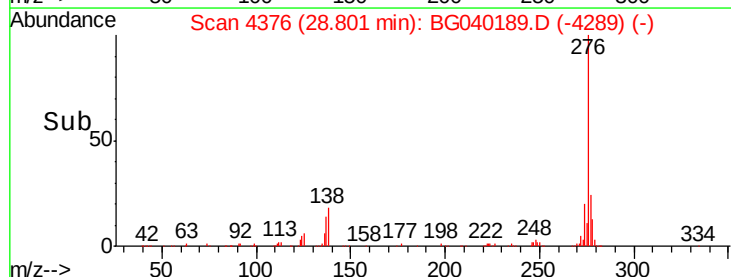
277 25.5 21.0 31.4

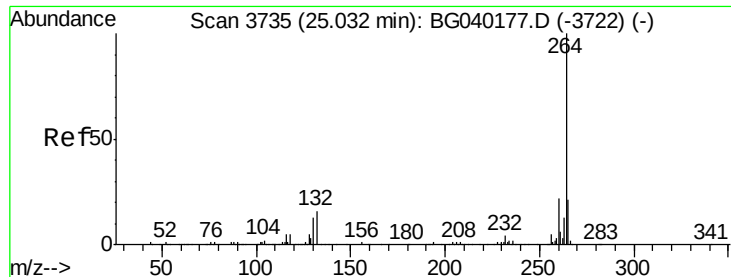


Abundance Ion 276.00 (275.70 to 276.70): E

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: 25.02 min Scan# 3733

Delta R.T. -0.01 min

Lab File: BG040189.D

Acq: 28 Mar 2019 2:27

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

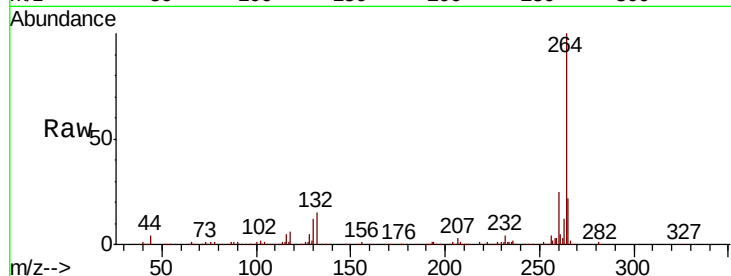
Tgt Ion:264 Resp: 368081

Ion Ratio Lower Upper

264 100

260 24.6 17.9 26.9

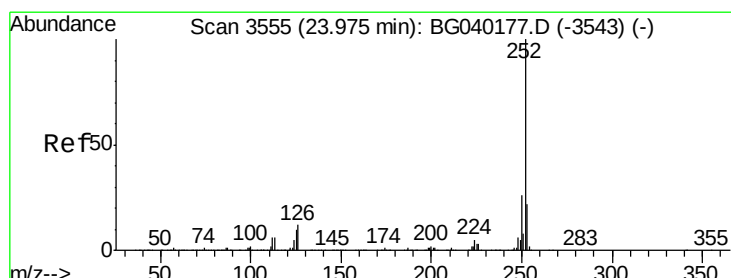
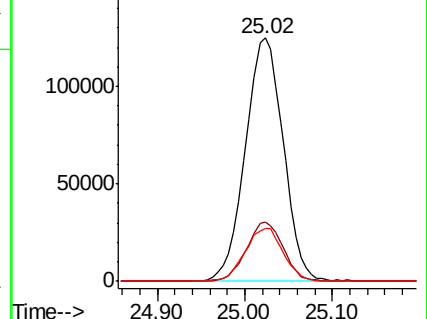
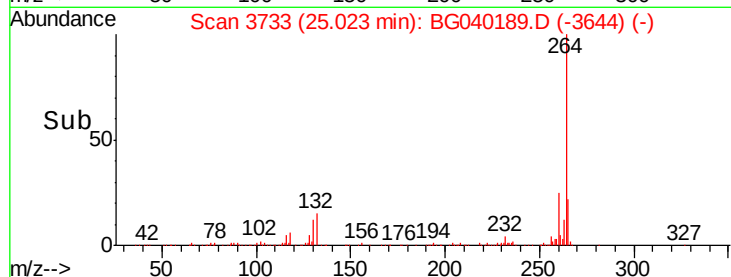
265 21.7 16.8 25.2



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: 14.405 ng

RT: 23.97 min Scan# 3553

Delta R.T. -0.01 min

Lab File: BG040189.D

Acq: 28 Mar 2019 2:27

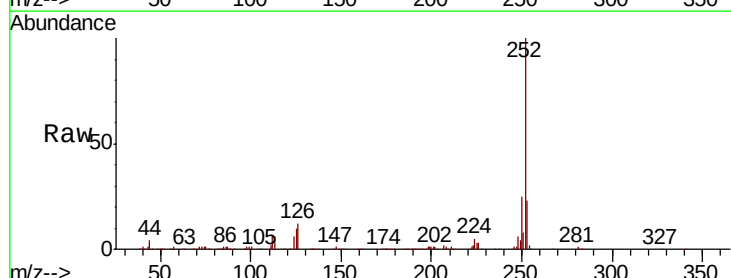
Tgt Ion:252 Resp: 324631

Ion Ratio Lower Upper

252 100

253 22.9 17.6 26.4

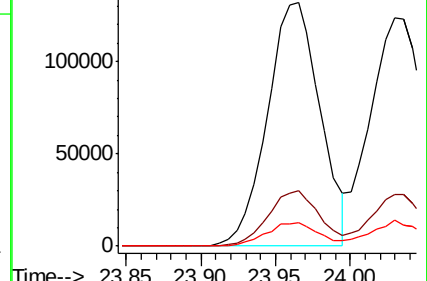
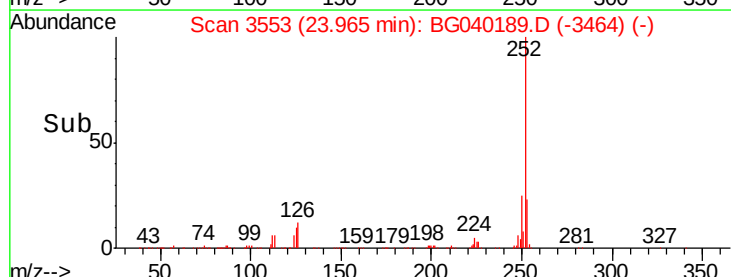
125 9.6 8.2 12.4

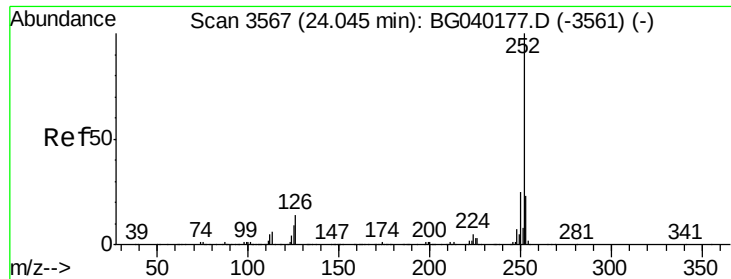


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 15.665 ng

RT: 23.97 min Scan# 3553

Delta R.T. -0.08 min

Lab File: BG040189.D

Acq: 28 Mar 2019 2:27

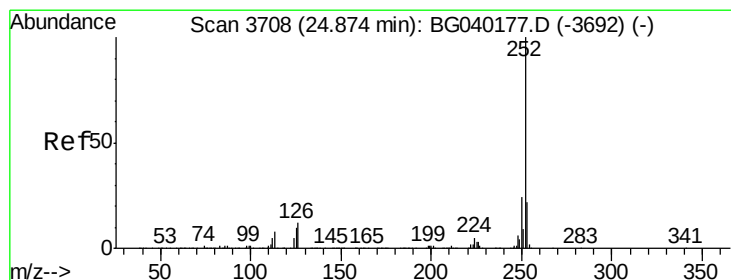
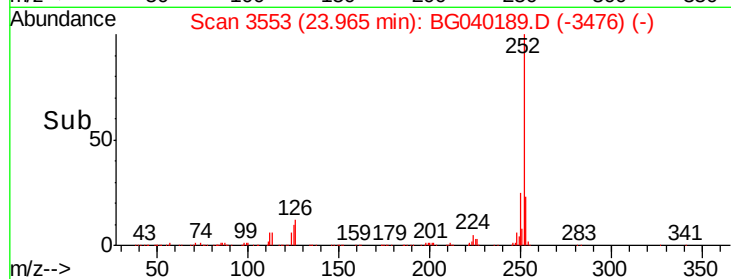
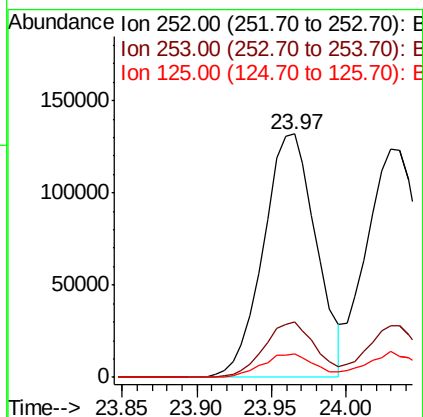
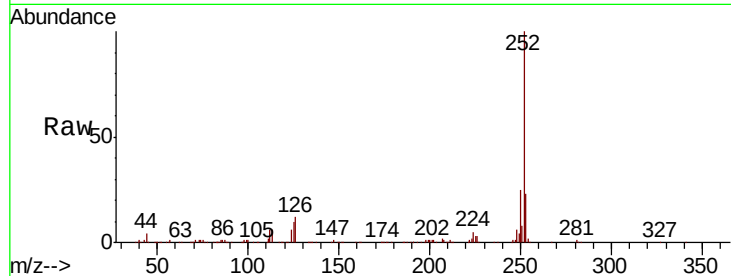
Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

Tgt Ion:	252	Resp:	324631
Ion Ratio	Lower	Upper	
252	100		
253	22.9	18.6	28.0
125	9.6	7.3	10.9



#90

Benzo(a)pyrene

Concen: 14.561 ng

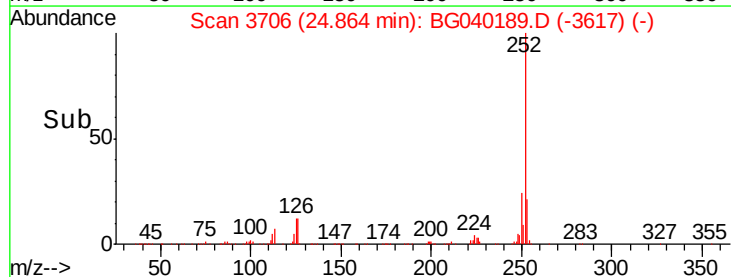
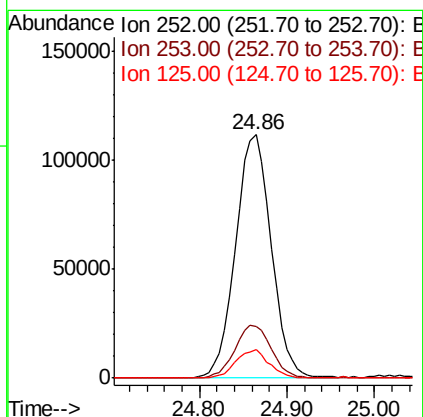
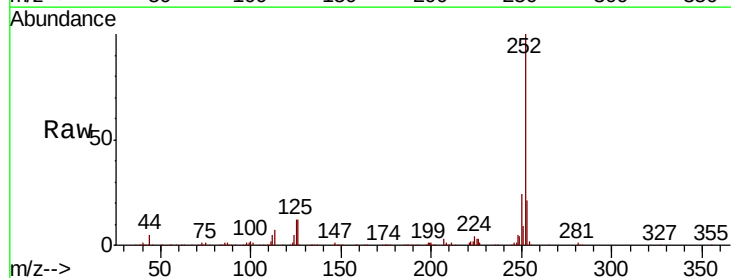
RT: 24.86 min Scan# 3706

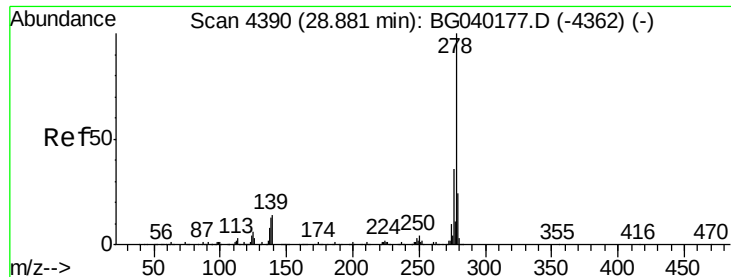
Delta R.T. -0.01 min

Lab File: BG040189.D

Acq: 28 Mar 2019 2:27

Tgt Ion:	252	Resp:	307877
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.8	26.8
125	11.7	8.3	12.5





#91

Dibenzo(a,h)anthracene

Concen: 15.251 ng

RT: 28.86 min Scan# 4386

Delta R.T. -0.02 min

Lab File: BG040189.D

Acq: 28 Mar 2019 2:27

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

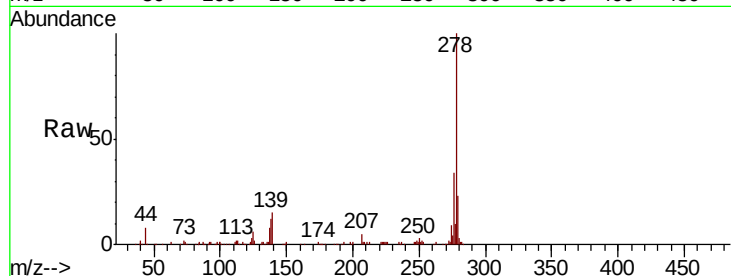
Tgt Ion: 278 Resp: 299486

Ion Ratio Lower Upper

278 100

139 14.6 11.2 16.8

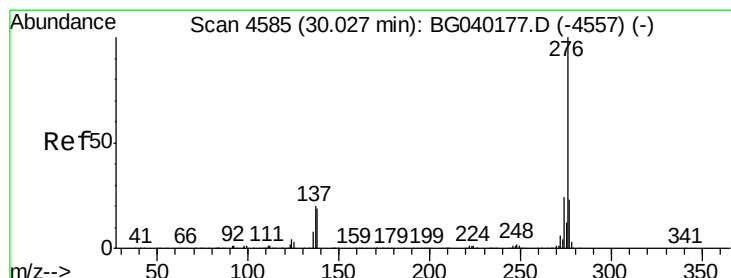
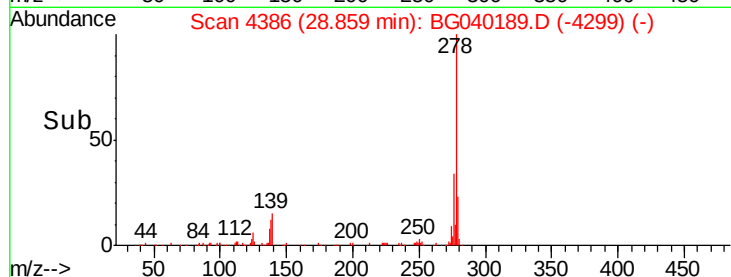
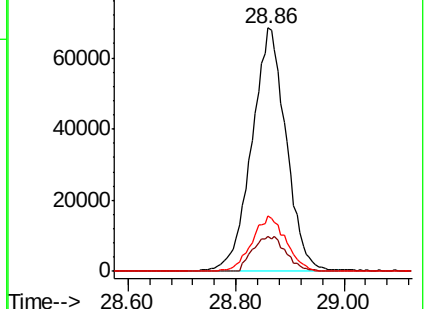
279 23.0 18.9 28.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 14.437 ng

RT: 29.99 min Scan# 4578

Delta R.T. -0.04 min

Lab File: BG040189.D

Acq: 28 Mar 2019 2:27

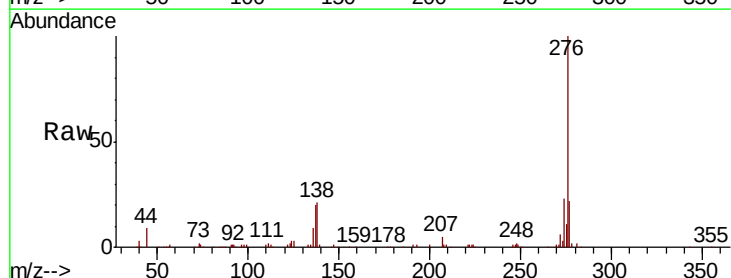
Tgt Ion: 276 Resp: 291371

Ion Ratio Lower Upper

276 100

277 22.5 18.6 28.0

138 21.4 15.2 22.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

