

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032719\
 Data File : BG040188.D
 Acq On : 28 Mar 2019 1:47
 Operator : JU/SJ
 Sample : K1560-07
 Misc : LOD 8PPM
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Mar 28 06:41:30 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	61557	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	244301	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	149579	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	350849	20.00	ng	0.00
76) Chrysene-d12	21.72	240	366987	20.00	ng	0.00
87) Perylene-d12	25.02	264	371431	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	385452	104.10	ng	0.00
7) Phenol-d6	7.22	99	531226	103.81	ng	0.00
23) Nitrobenzene-d5	9.25	82	379549	82.58	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	181104	112.03	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	847518	83.96	ng	0.00
79) Terphenyl-d14	20.04	244	1288989	79.02	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.53	88	12719	7.305	ng	# 95
3) Pyridine	3.93	79	37412	7.980	ng	92
4) n-Nitrosodimethylamine	3.86	42	16362	7.545	ng	# 86
6) Aniline	7.40	93	49958	7.514	ng	97
8) 2-Chlorophenol	7.63	128	32429	7.481	ng	98
9) Benzaldehyde	7.21	77	30197	8.602	ng	96
10) Phenol	7.25	94	41672	7.502	ng	96
11) bis(2-Chloroethyl)ether	7.49	93	35659	8.015	ng	97
12) 1,3-Dichlorobenzene	7.96	146	37038	7.860	ng	99
13) 1,4-Dichlorobenzene	8.11	146	37196	7.926	ng	96
14) 1,2-Dichlorobenzene	8.42	146	37009	8.246	ng	96
15) Benzyl Alcohol	8.31	79	29254	7.098	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.59	45	68796	8.057	ng	100
17) 2-Methylphenol	8.51	107	28800	7.493	ng	89
18) Hexachloroethane	9.15	117	14709	8.240	ng	# 79
19) n-Nitroso-di-n-propylamine	8.87	70	27696	7.548	ng	93
20) 3+4-Methylphenols	8.83	107	38110	7.319	ng	97
22) Acetophenone	8.90	105	53652	8.804	ng	# 95
24) Nitrobenzene	9.29	77	40575	8.525	ng	96
25) Isophorone	9.80	82	80818	8.546	ng	99
26) 2-Nitrophenol	10.00	139	17586	7.798	ng	95
27) 2,4-Dimethylphenol	10.04	122	27639	7.716	ng	99
28) bis(2-Chloroethoxy)methane	10.28	93	47961	8.572	ng	97
29) 2,4-Dichlorophenol	10.53	162	30989	7.970	ng	98
30) 1,2,4-Trichlorobenzene	10.74	180	37388	8.757	ng	97
31) Naphthalene	10.94	128	113194	9.039	ng	99
32) Benzoic acid	10.14	122	8431	3.895	ng	87
33) 4-Chloroaniline	11.05	127	44157	8.267	ng	97
34) Hexachlorobutadiene	11.20	225	24079	8.818	ng	# 82
35) Caprolactam	11.81	113	11288	7.315	ng	94
36) 4-Chloro-3-methylphenol	12.15	107	35000	7.830	ng	98
37) 2-Methylnaphthalene	12.54	142	80202	8.660	ng	99
38) 1-Methylnaphthalene	12.75	142	79029	8.800	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	42377	8.914	ng	99

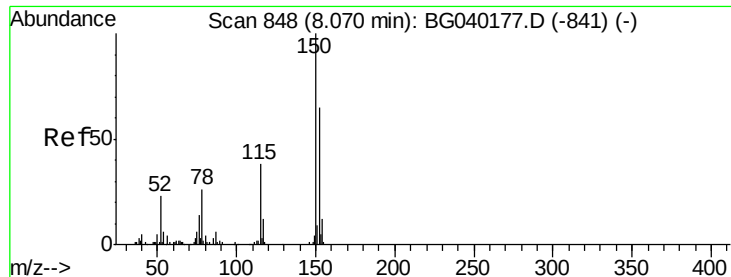
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032719\
 Data File : BG040188.D
 Acq On : 28 Mar 2019 1:47
 Operator : JU/SJ
 Sample : K1560-07
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	18221	6.980	ng	96
43) 2,4,6-Trichlorophenol	13.13	196	23622	7.707	ng	96
44) 2,4,5-Trichlorophenol	13.21	196	26812	8.025	ng	95
46) 1,1'-Biphenyl	13.53	154	105835	8.955	ng	99
47) 2-Chloronaphthalene	13.58	162	79006	8.715	ng	100
48) 2-Nitroaniline	13.79	65	23492	7.682	ng	96
49) Acenaphthylene	14.43	152	138533	9.013	ng	100
50) Dimethylphthalate	14.15	163	103945	8.879	ng	98
51) 2,6-Dinitrotoluene	14.28	165	21320	8.111	ng	98
52) Acenaphthene	14.76	154	77924	8.847	ng	96
53) 3-Nitroaniline	14.62	138	22131	7.954	ng	98
54) 2,4-Dinitrophenol	14.82	184	7565	5.412	ng	89
55) Dibenzofuran	15.10	168	129157	9.126	ng	96
56) 4-Nitrophenol	14.91	139	15704	6.993	ng	93
57) 2,4-Dinitrotoluene	15.06	165	28806	7.887	ng	88
58) Fluorene	15.74	166	102058	9.172	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	23633	7.795	ng	99
60) Diethylphthalate	15.50	149	104563	8.729	ng	97
61) 4-Chlorophenyl-phenylether	15.73	204	51543	8.666	ng	91
62) 4-Nitroaniline	15.77	138	24434	8.183	ng	93
63) Azobenzene	16.03	77	101549	8.987	ng	95
65) 4,6-Dinitro-2-methylphenol	15.82	198	12697	6.441	ng	92
66) n-Nitrosodiphenylamine	15.95	169	89231	8.691	ng	93
67) 4-Bromophenyl-phenylether	16.63	248	34625	8.770	ng	95
68) Hexachlorobenzene	16.74	284	34855	8.780	ng	93
69) Atrazine	16.88	200	32222	8.437	ng	97
70) Pentachlorophenol	17.09	266	14429	6.287	ng	94
71) Phenanthrene	17.49	178	167962	9.108	ng	98
72) Anthracene	17.58	178	164804	8.928	ng	99
73) Carbazole	17.85	167	157095	8.993	ng	99
74) Di-n-butylphthalate	18.38	149	179278	8.658	ng	99
75) Fluoranthene	19.49	202	205583	9.415	ng	98
77) Benzidine	19.67	184	86675	6.540	ng	99
78) Pyrene	19.86	202	212820	8.818	ng	97
80) Butylbenzylphthalate	20.73	149	80534	7.798	ng	92
81) Benzo(a)anthracene	21.70	228	199196	8.812	ng	99
82) 3,3'-Dichlorobenzidine	21.62	252	66164	7.695	ng	98
83) Chrysene	21.77	228	190975	8.791	ng	98
84) Bis(2-ethylhexyl)phthalate	21.57	149	113508	7.689	ng	100
85) Di-n-octyl phthalate	22.80	149	194522	7.734	ng	98
86) Indeno(1,2,3-cd)pyrene	28.80	276	212530	7.999	ng	# 86
88) Benzo(b)fluoranthene	23.96	252	202505	8.905	ng	97
89) Benzo(k)fluoranthene	24.03	252	188725	9.025	ng	97
90) Benzo(a)pyrene	24.86	252	187204	8.774	ng	98
91) Dibenzo(a,h)anthracene	28.86	278	171192	8.639	ng	99
92) Benzo(g,h,i)perylene	29.98	276	172784	8.484	ng	97

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

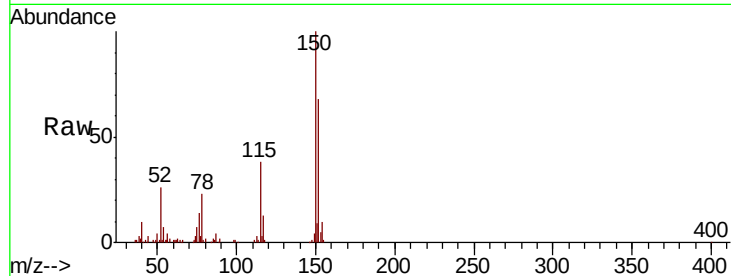


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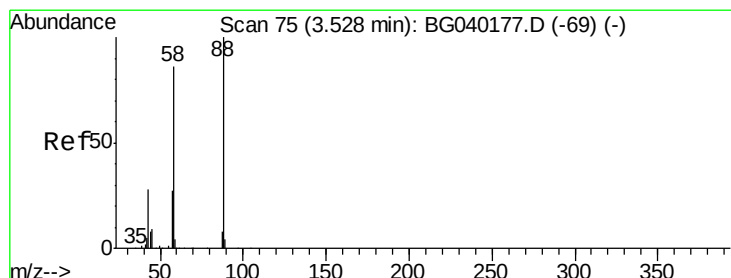
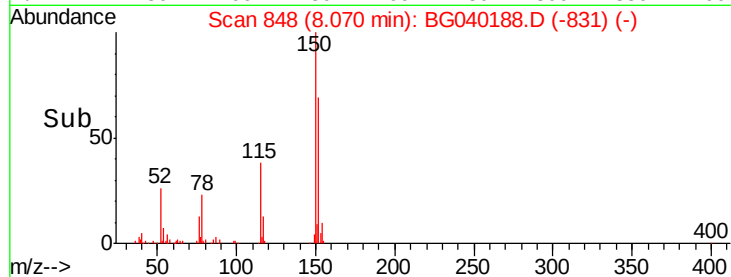
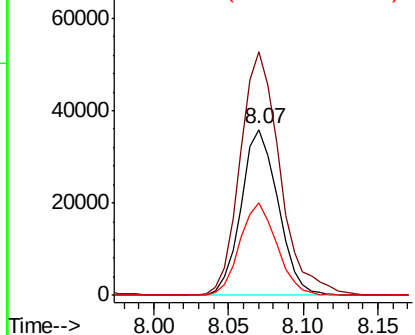
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. 0.00 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

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

Tgt Ion:152 Resp: 61557
Ion Ratio Lower Upper
152 100
150 147.0 123.7 185.5
115 55.6 46.9 70.3



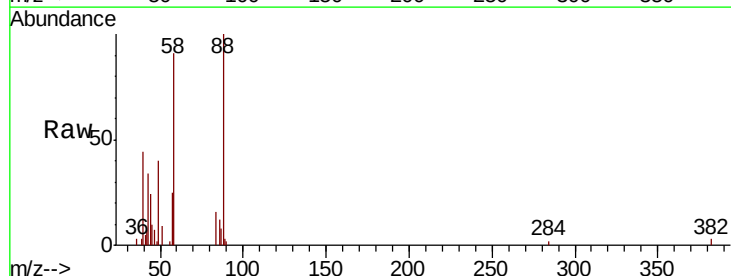
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



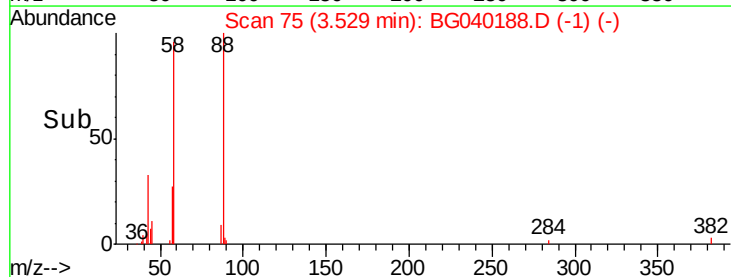
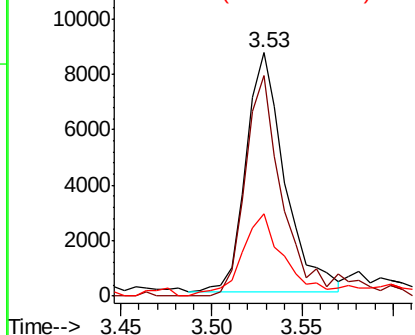
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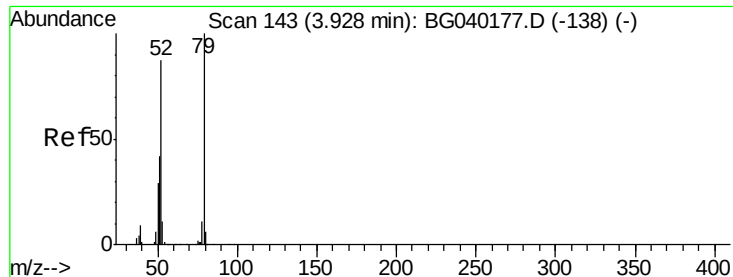
1,4-Dioxane
Concen: 7.305 ng
RT: 3.53 min Scan# 75
Delta R.T. 0.00 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

Tgt Ion: 88 Resp: 12719
Ion Ratio Lower Upper
88 100
58 86.3 70.6 106.0
43 38.1 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: 7.980 ng

RT: 3.93 min Scan# 144

Delta R.T. 0.01 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

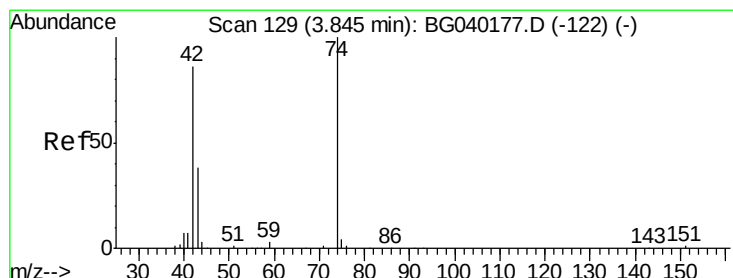
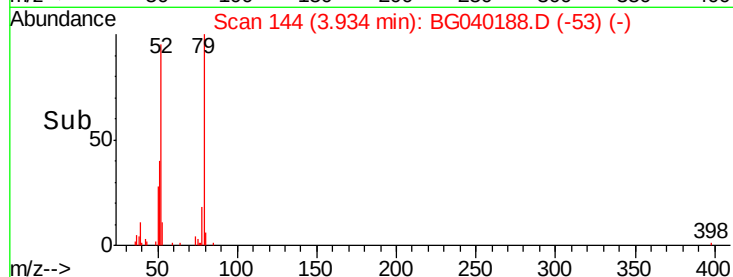
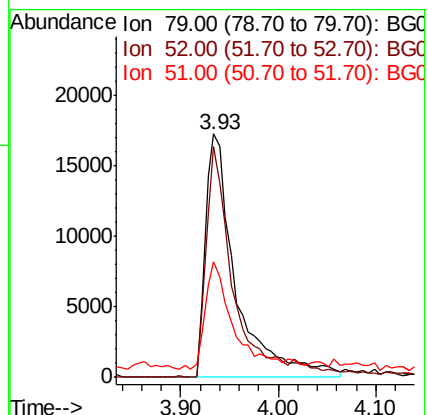
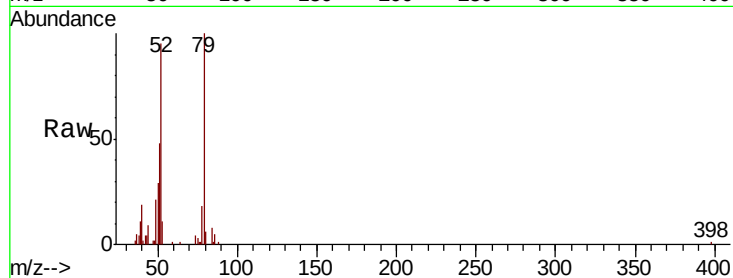
Tgt Ion: 79 Resp: 37412

Ion Ratio Lower Upper

79 100

52 94.9 69.8 104.8

51 47.7 33.9 50.9



#4

n-Nitrosodimethylamine

Concen: 7.545 ng

RT: 3.86 min Scan# 131

Delta R.T. 0.01 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

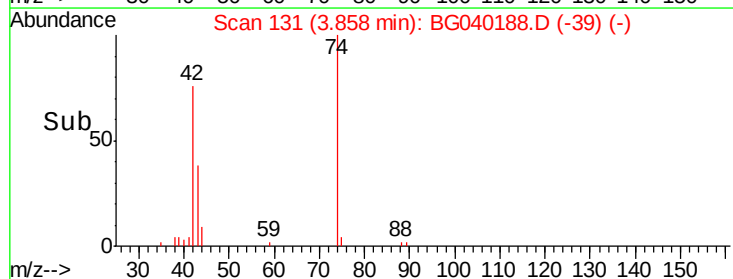
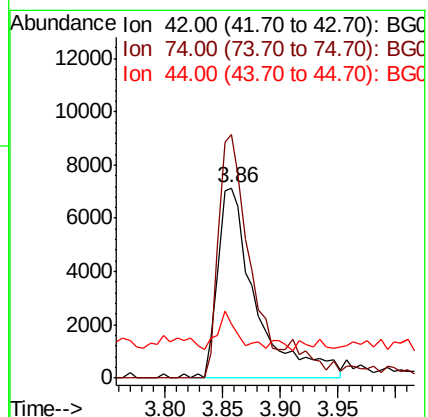
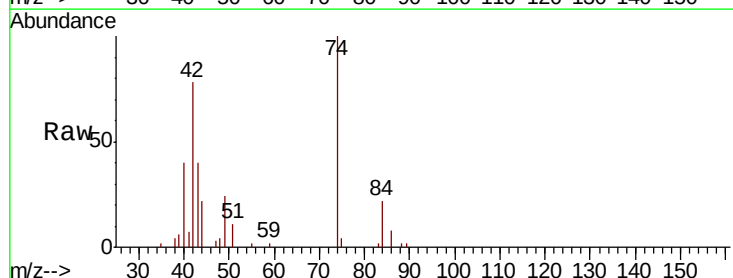
Tgt Ion: 42 Resp: 16362

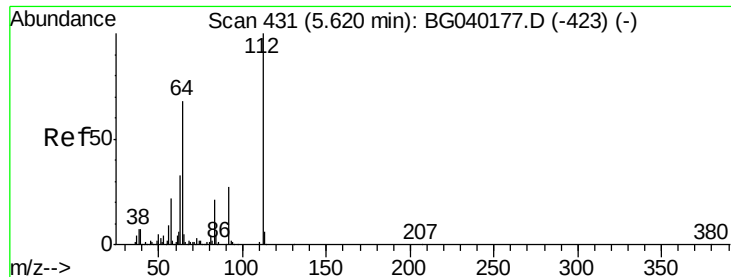
Ion Ratio Lower Upper

42 100

74 127.8 92.9 139.3

44 28.3 9.7 14.5#





#5

2-Fluorophenol

Concen: 104.095 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

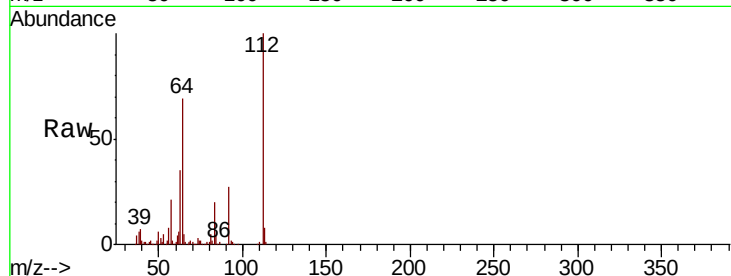
Tgt Ion: 112 Resp: 385452

Ion Ratio Lower Upper

112 100

64 68.6 54.2 81.2

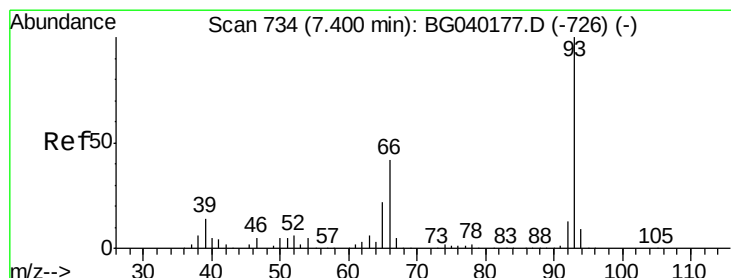
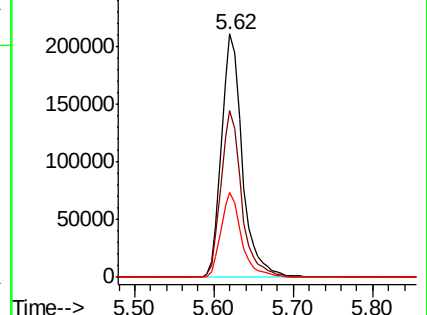
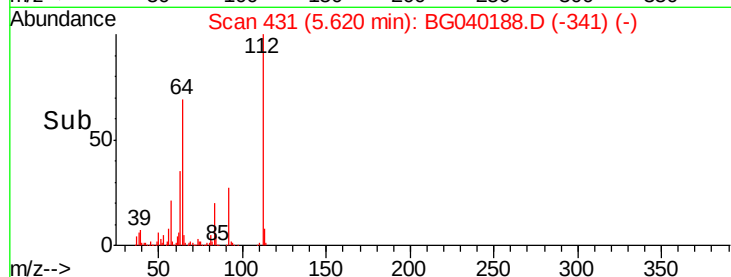
63 34.9 26.4 39.6



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: 7.514 ng

RT: 7.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

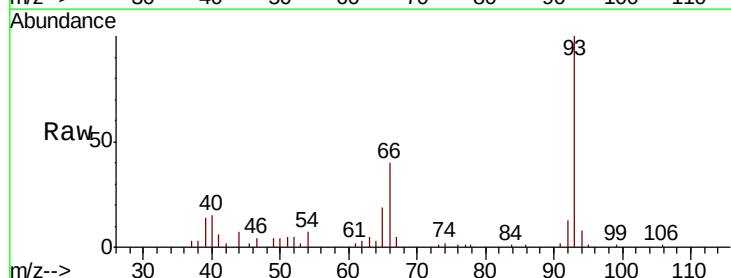
Tgt Ion: 93 Resp: 49958

Ion Ratio Lower Upper

93 100

66 40.4 33.6 50.4

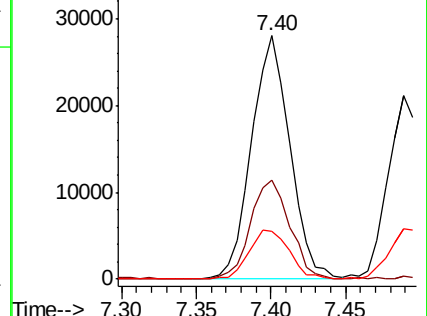
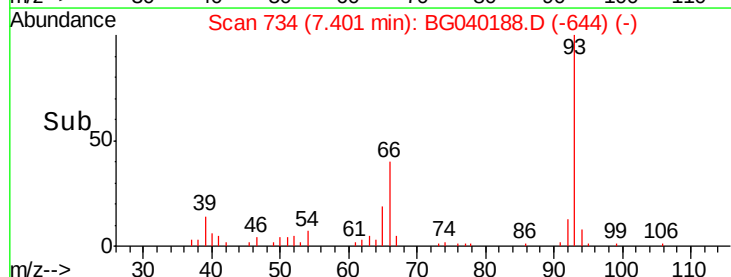
65 19.4 17.4 26.2

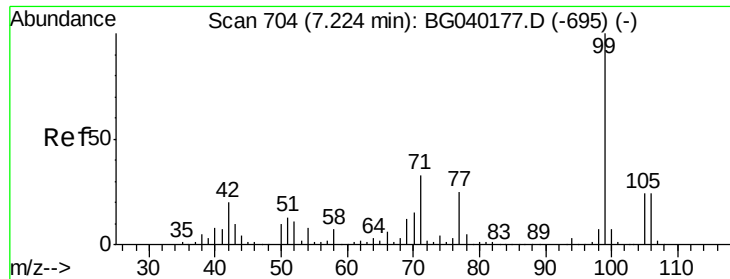


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 103.807 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

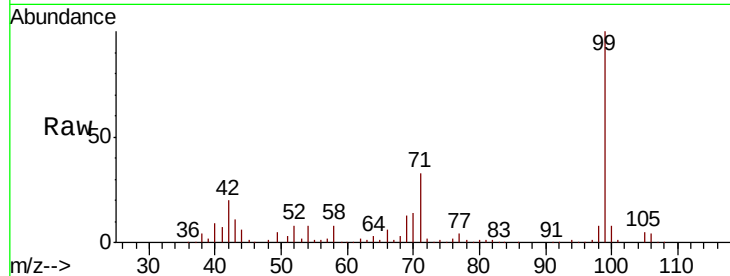
Tgt Ion: 99 Resp: 531226

Ion Ratio Lower Upper

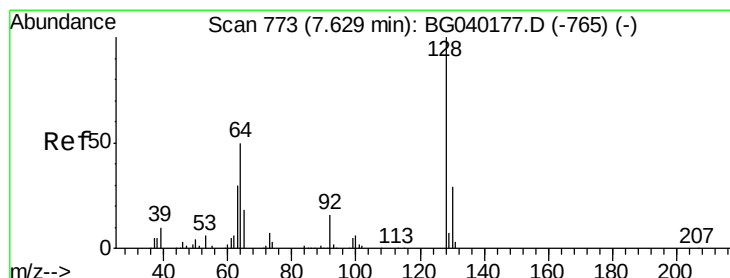
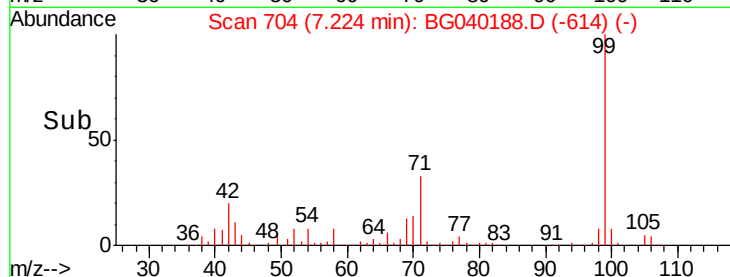
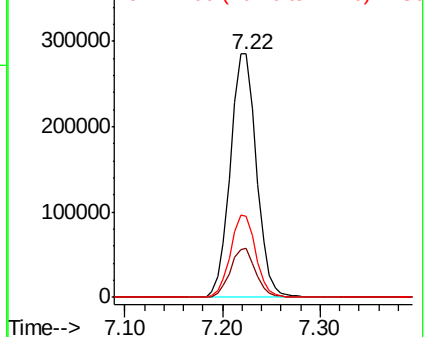
99 100

42 20.2 16.2 24.2

71 33.1 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: 7.481 ng

RT: 7.63 min Scan# 773

Delta R.T. 0.00 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

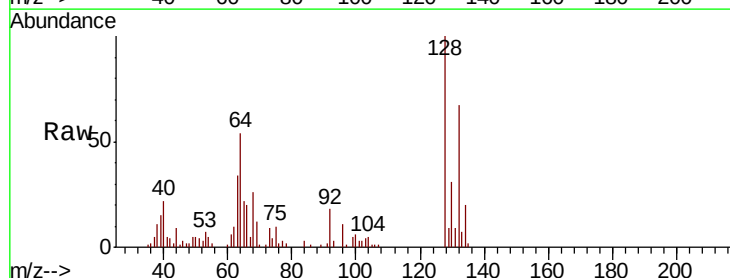
Tgt Ion:128 Resp: 32429

Ion Ratio Lower Upper

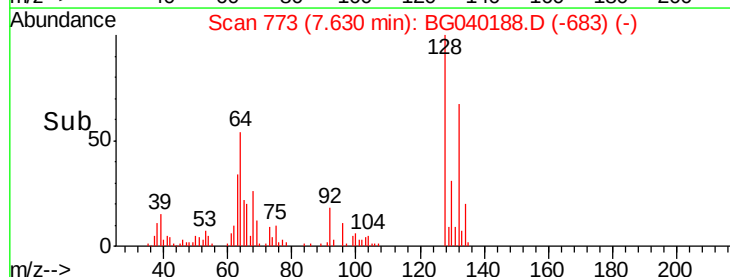
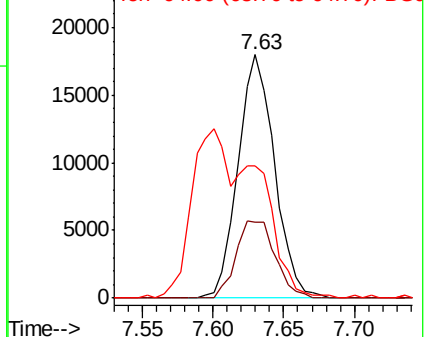
128 100

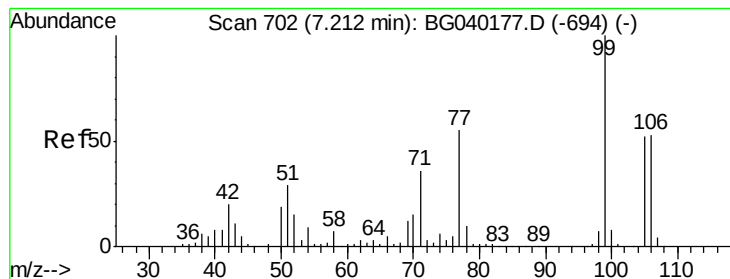
130 30.9 9.1 49.1

64 54.2 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: 8.602 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

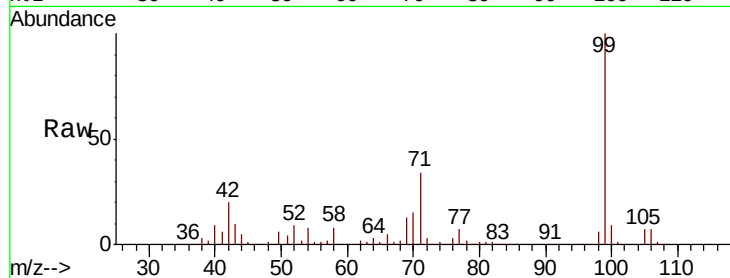
Tgt Ion: 77 Resp: 30197

Ion Ratio Lower Upper

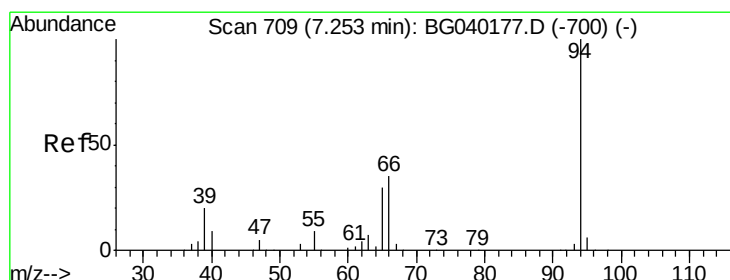
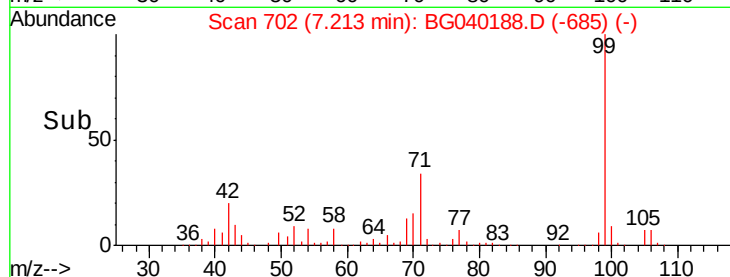
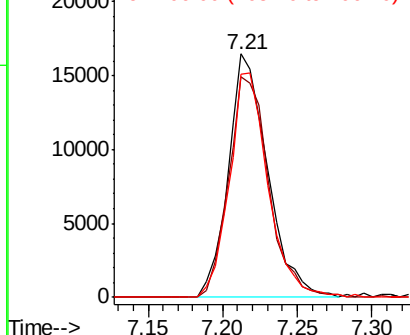
77 100

105 90.5 75.0 115.0

106 91.8 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: 7.502 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.01 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

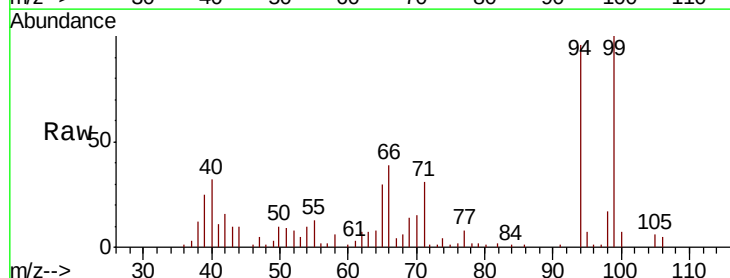
Tgt Ion: 94 Resp: 41672

Ion Ratio Lower Upper

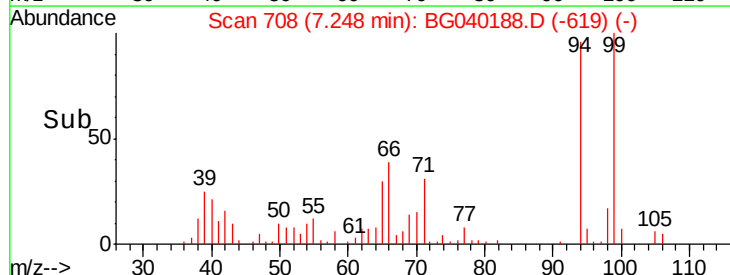
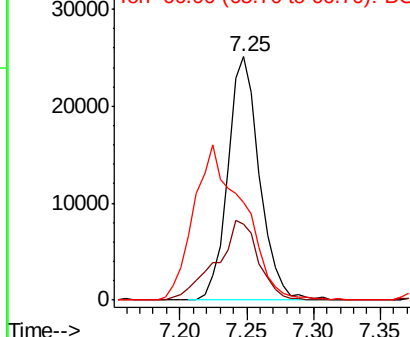
94 100

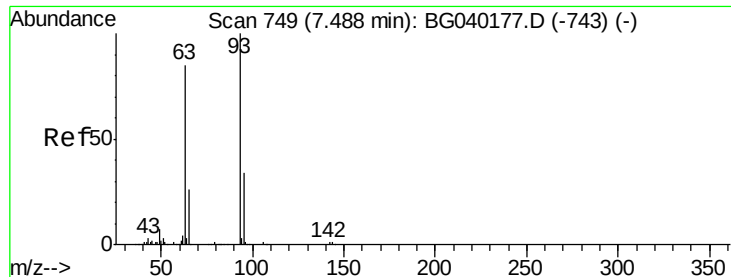
65 31.3 10.5 50.5

66 40.4 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

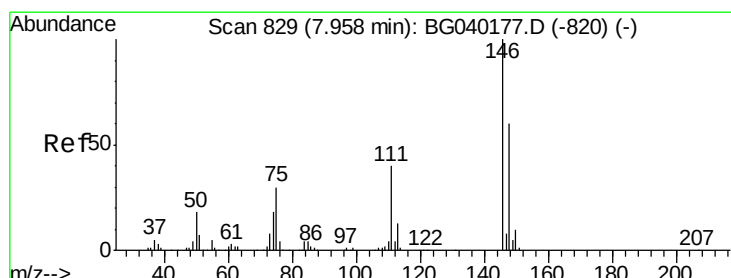
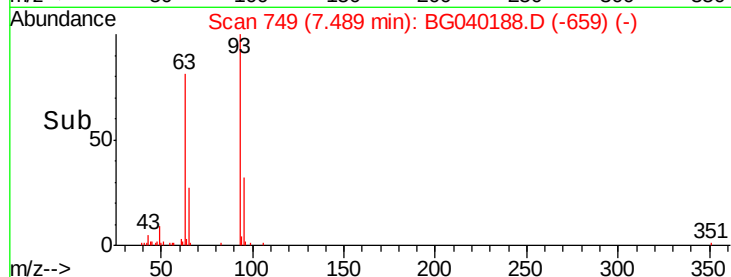
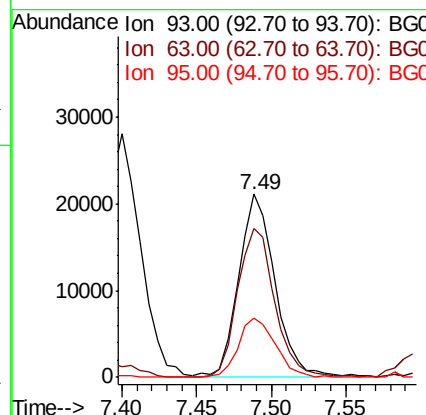
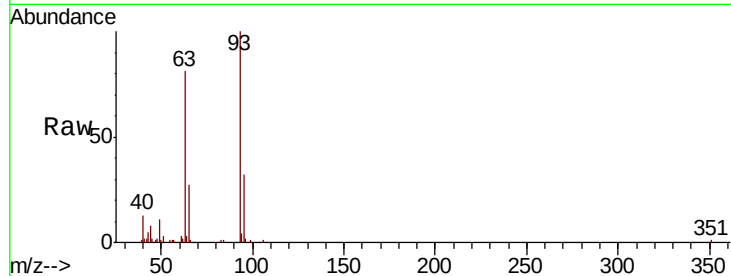




#11
bis(2-Chloroethyl)ether
Concen: 8.015 ng
RT: 7.49 min Scan# 749
Delta R.T. 0.00 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

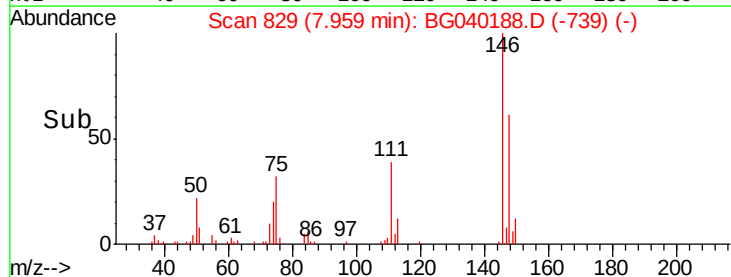
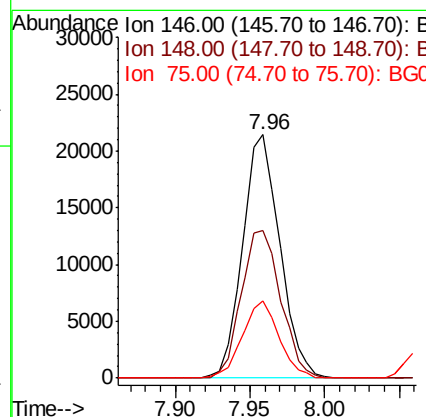
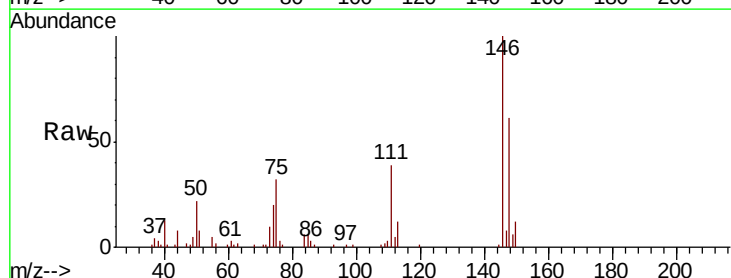
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

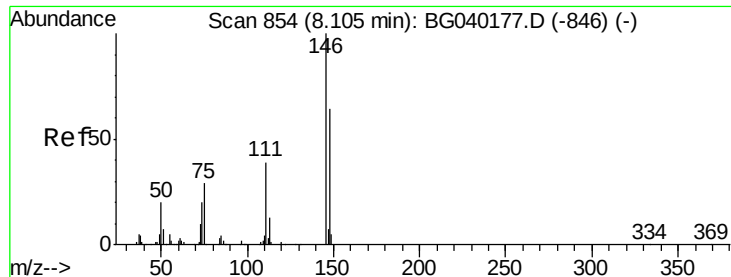
Tgt Ion: 93 Resp: 35659
Ion Ratio Lower Upper
93 100
63 81.2 64.2 104.2
95 32.3 14.0 54.0



#12
1,3-Dichlorobenzene
Concen: 7.860 ng
RT: 7.96 min Scan# 829
Delta R.T. 0.00 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

Tgt Ion: 146 Resp: 37038
Ion Ratio Lower Upper
146 100
148 60.5 48.2 72.2
75 31.9 24.1 36.1

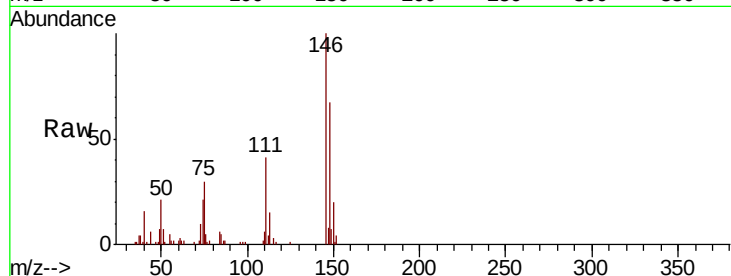




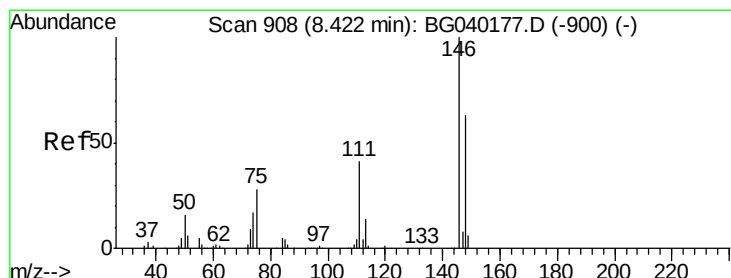
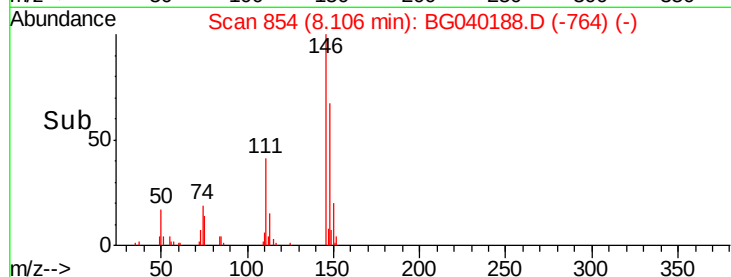
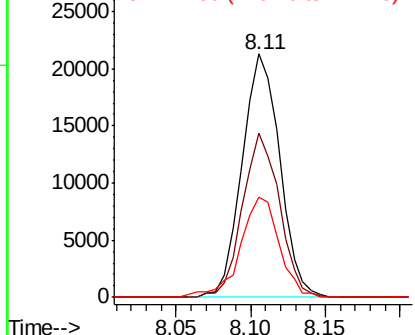
#13
 1,4-Dichlorobenzene
 Concen: 7.926 ng
 RT: 8.11 min Scan# 854
 Delta R.T. 0.00 min
 Lab File: BG040188.D
 Acq: 28 Mar 2019 1:47

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

Tgt Ion:146 Resp: 37196
 Ion Ratio Lower Upper
 146 100
 148 67.3 51.0 76.4
 111 41.4 31.8 47.6

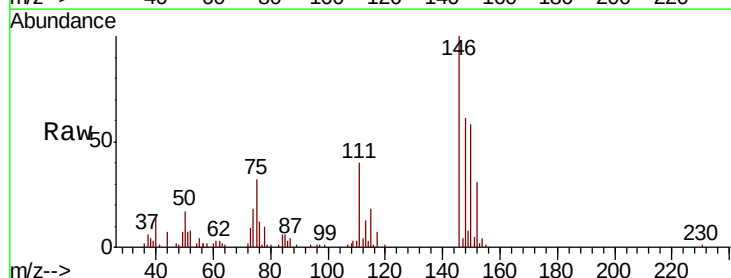


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

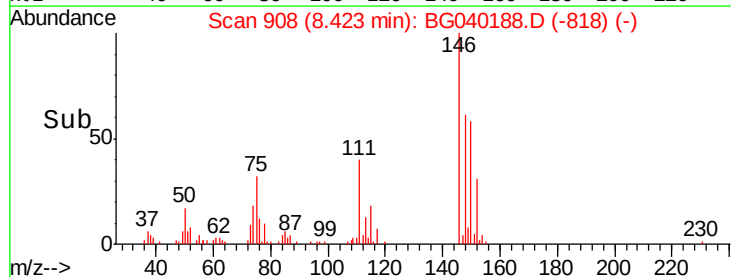
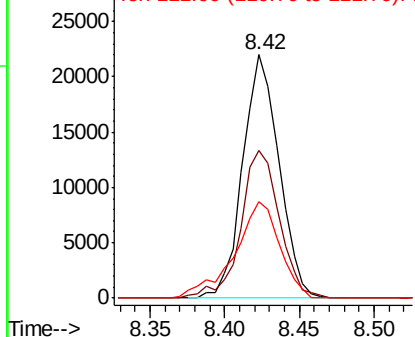


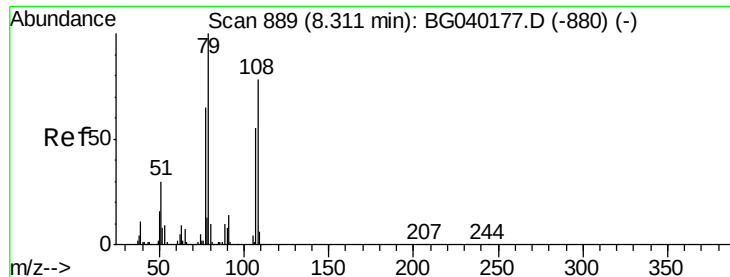
#14
 1,2-Dichlorobenzene
 Concen: 8.246 ng
 RT: 8.42 min Scan# 908
 Delta R.T. 0.00 min
 Lab File: BG040188.D
 Acq: 28 Mar 2019 1:47

Tgt Ion:146 Resp: 37009
 Ion Ratio Lower Upper
 146 100
 148 60.6 50.8 76.2
 111 39.6 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: 7.098 ng

RT: 8.31 min Scan# 889

Delta R.T. 0.00 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

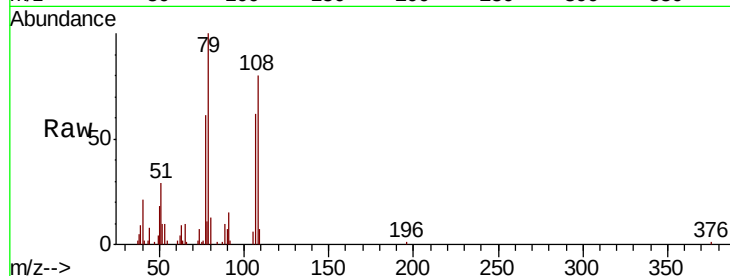
Tgt Ion: 79 Resp: 29254

Ion Ratio Lower Upper

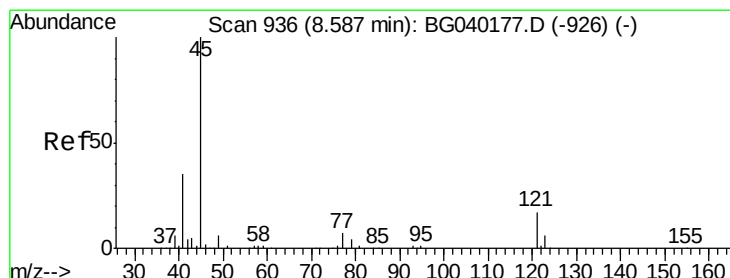
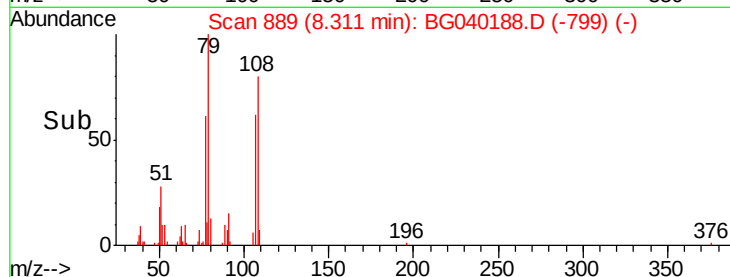
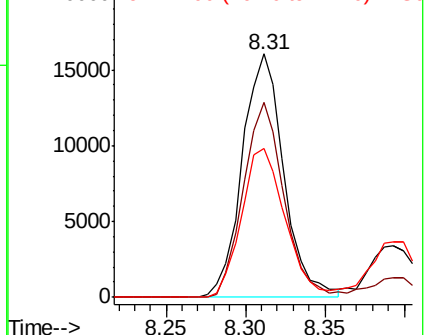
79 100

108 79.8 62.1 93.1

77 61.4 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: 8.057 ng

RT: 8.59 min Scan# 937

Delta R.T. 0.01 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

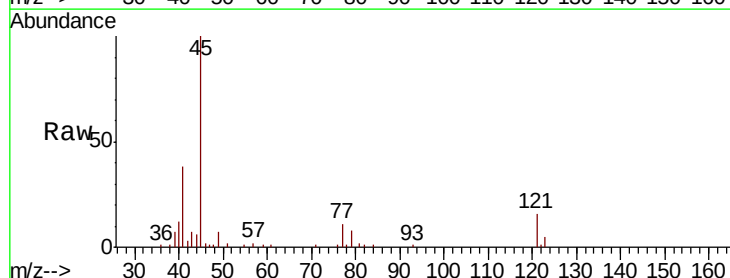
Tgt Ion: 45 Resp: 68796

Ion Ratio Lower Upper

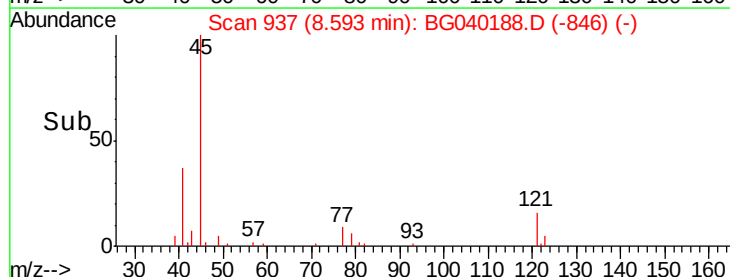
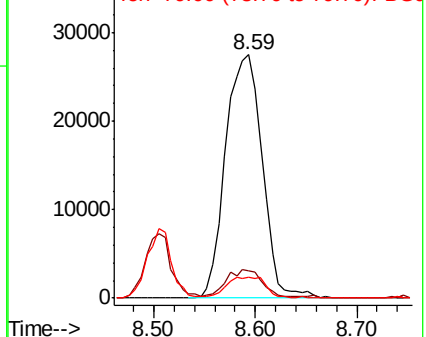
45 100

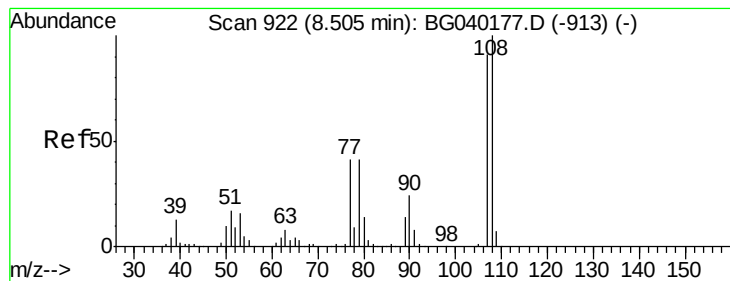
77 11.3 0.0 31.4

79 8.5 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: 7.493 ng

RT: 8.51 min Scan# 922

Delta R.T. 0.00 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

Tgt Ion:107 Resp: 28800

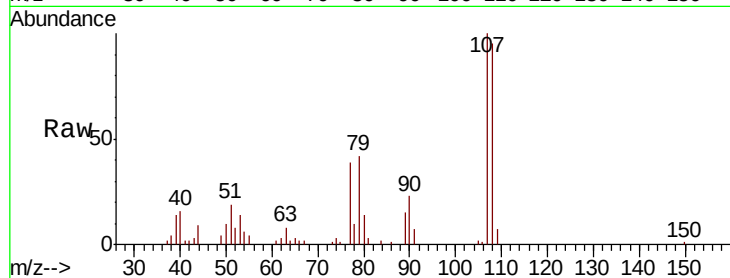
Ion Ratio Lower Upper

107 100

108 95.4 88.2 132.4

77 39.3 36.6 55.0

79 42.4 36.5 54.7

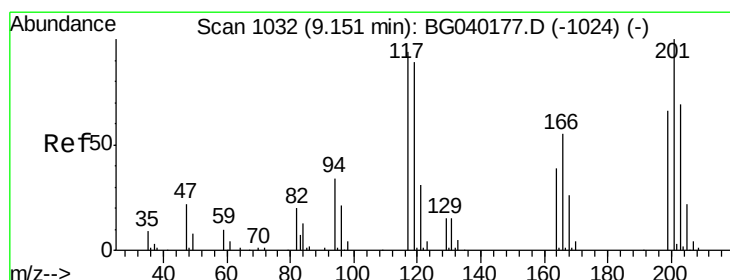
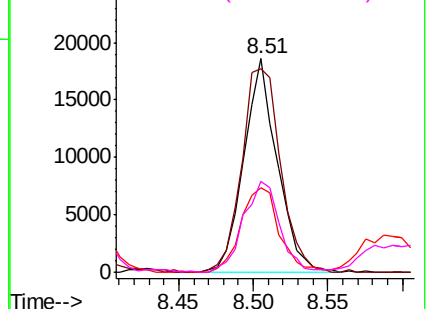
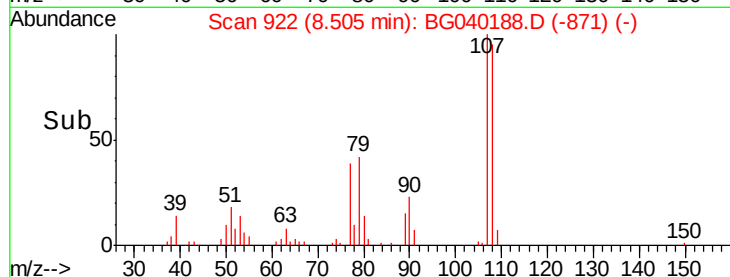


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 8.240 ng

RT: 9.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

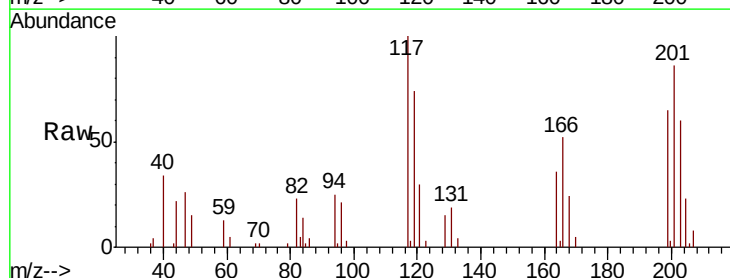
Tgt Ion:117 Resp: 14709

Ion Ratio Lower Upper

117 100

119 73.5 76.6 115.0#

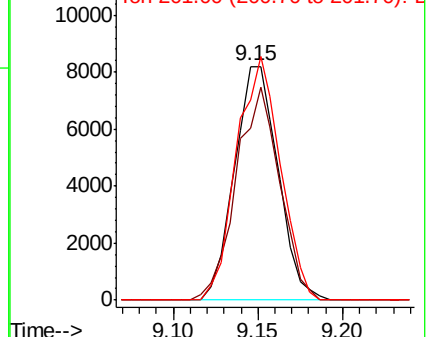
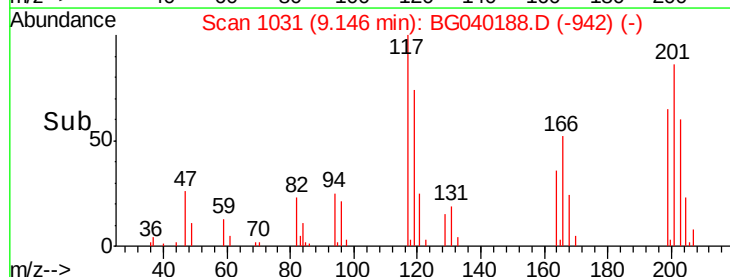
201 85.8 85.0 127.4

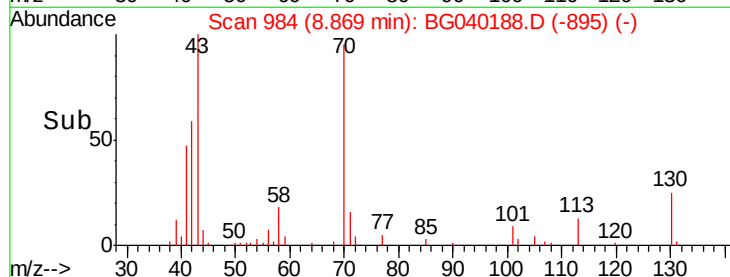
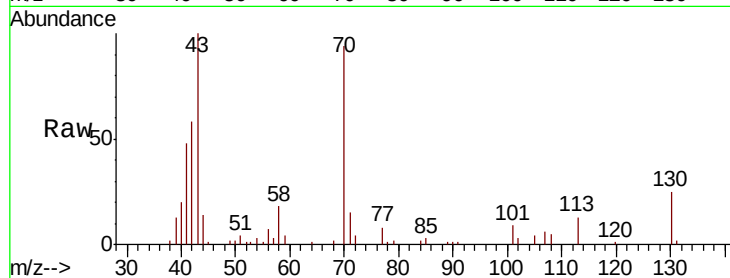
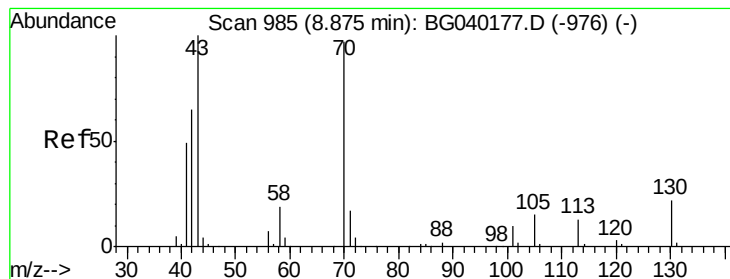


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 7.548 ng

RT: 8.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

Tgt Ion: 70 Resp: 27696

Ion Ratio Lower Upper

70 100

42 61.6 54.0 81.0

101 9.9 8.6 13.0

130 26.1 18.2 27.2

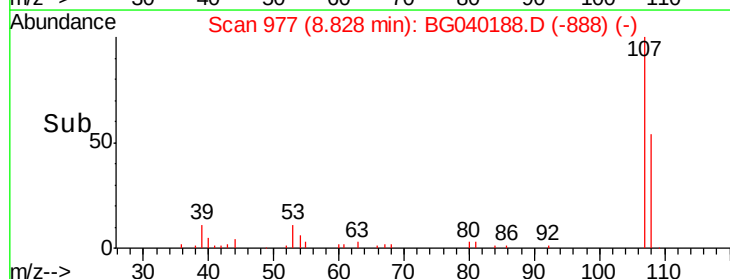
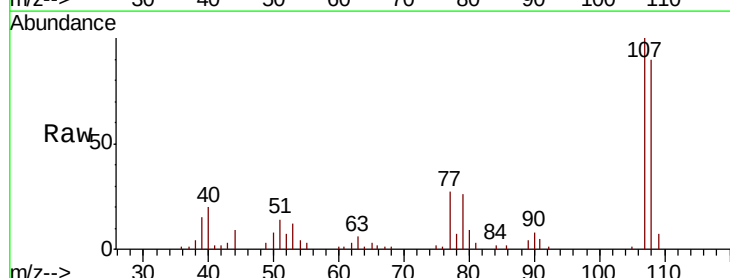
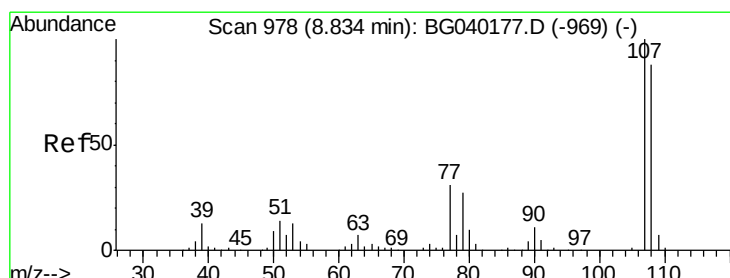
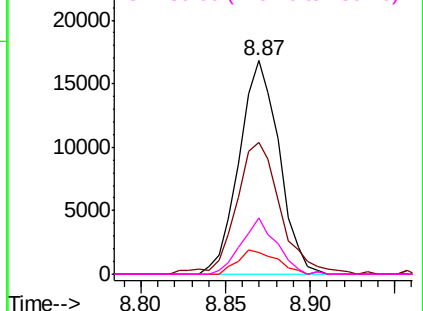
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 7.319 ng

RT: 8.83 min Scan# 977

Delta R.T. -0.01 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

Tgt Ion: 107 Resp: 38110

Ion Ratio Lower Upper

107 100

108 90.1 68.3 108.3

77 27.0 11.3 51.3

79 26.1 7.3 47.3

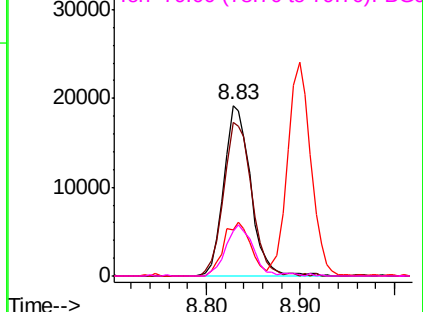
Abundance

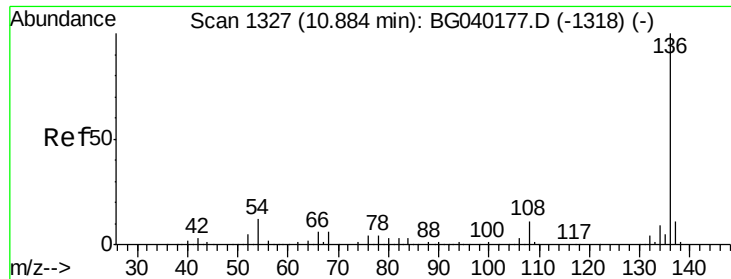
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.88 min Scan# 1327

Delta R.T. 0.00 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

Tgt Ion:136 Resp: 244301

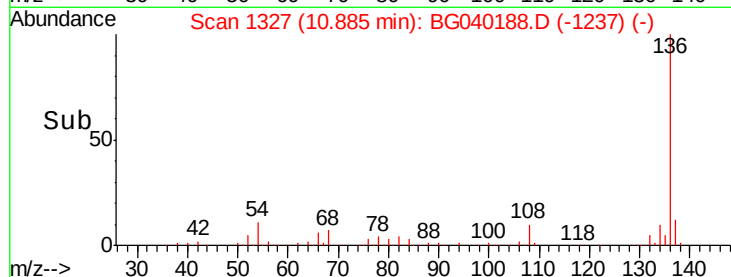
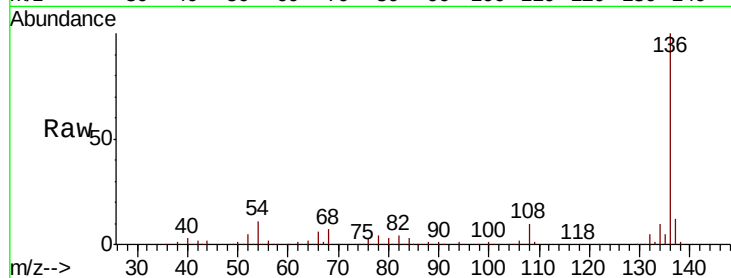
Ion Ratio Lower Upper

136 100

137 12.0 8.9 13.3

54 10.7 9.6 14.4

68 6.6 5.1 7.7



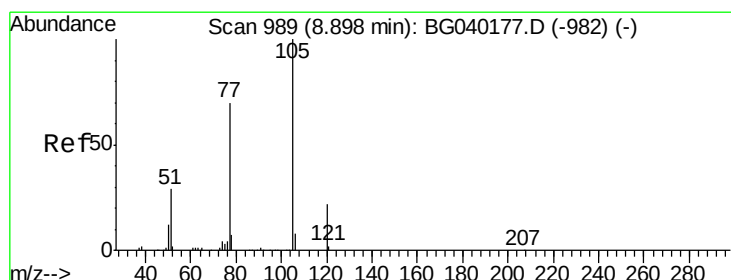
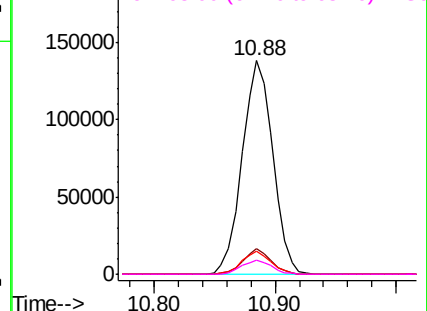
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 8.804 ng

RT: 8.90 min Scan# 989

Delta R.T. 0.00 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

Tgt Ion:105 Resp: 53652

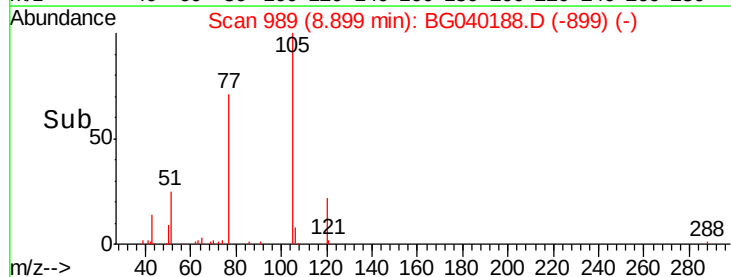
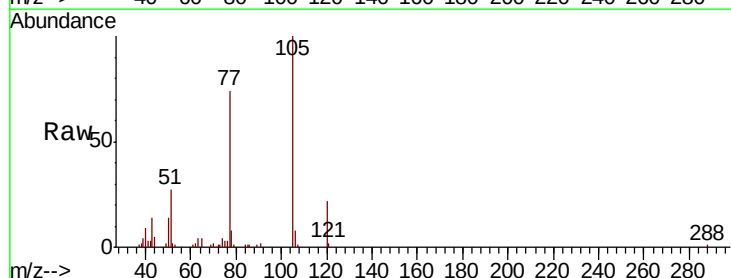
Ion Ratio Lower Upper

105 100

71 0.5 0.6 1.0#

51 26.6 25.1 37.7

120 22.2 17.6 26.4



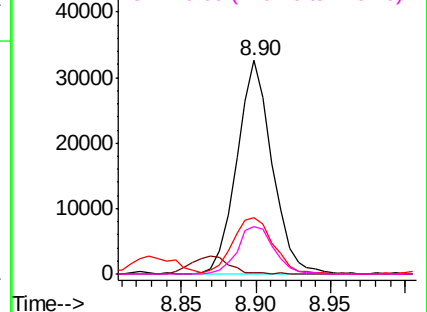
Abundance

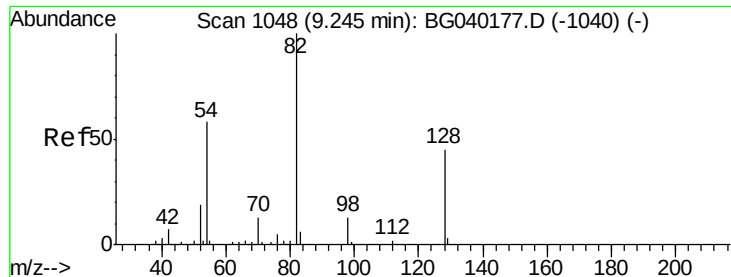
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

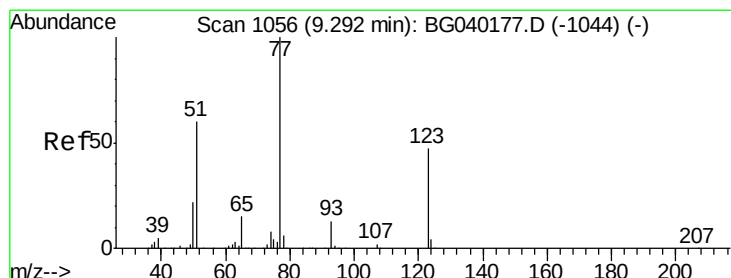
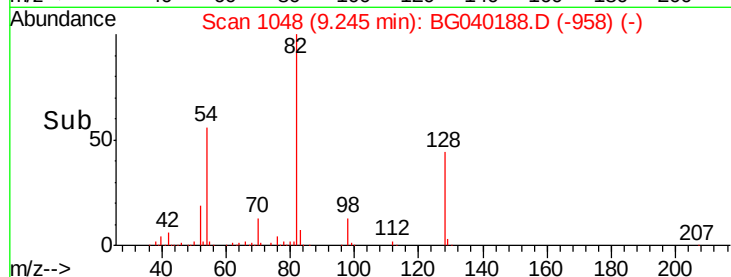
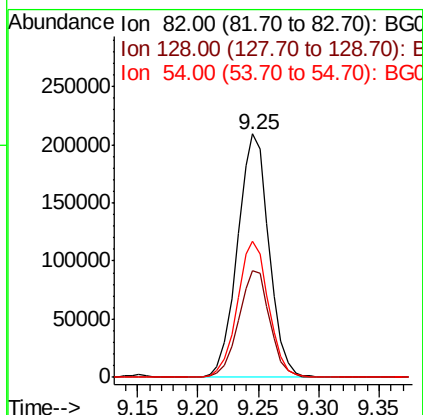
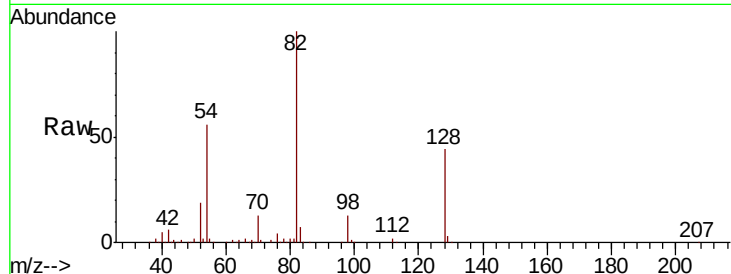




#23
 Nitrobenzene-d5
 Concen: 82.580 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. 0.00 min
 Lab File: BG040188.D
 Acq: 28 Mar 2019 1:47

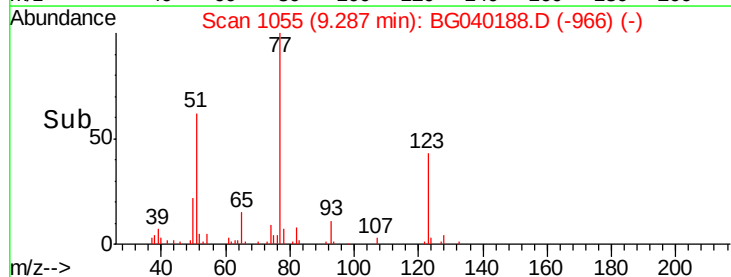
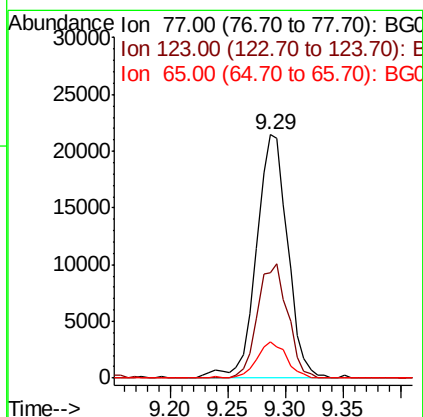
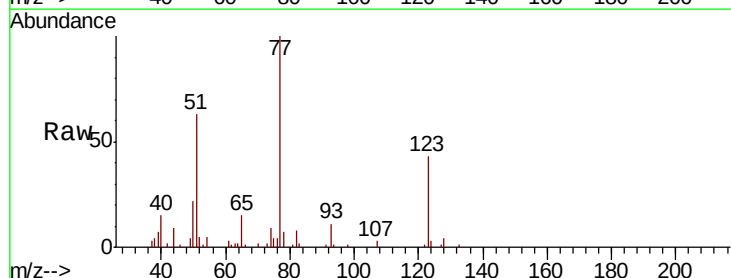
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2019

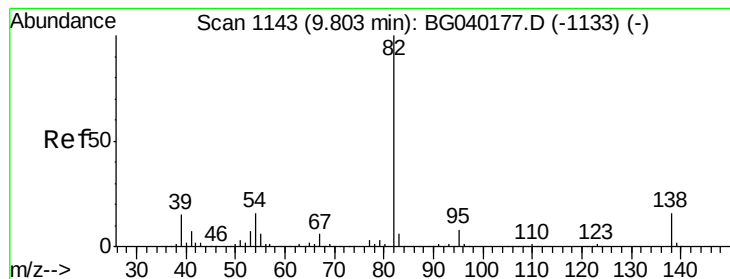
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.1	35.8	53.8
54	56.1	46.2	69.2



#24
 Nitrobenzene
 Concen: 8.525 ng
 RT: 9.29 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BG040188.D
 Acq: 28 Mar 2019 1:47

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.4	37.8	56.6
65	14.6	12.0	18.0





#25

Isophorone

Concen: 8.546 ng

RT: 9.80 min Scan# 1142

Delta R.T. -0.01 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

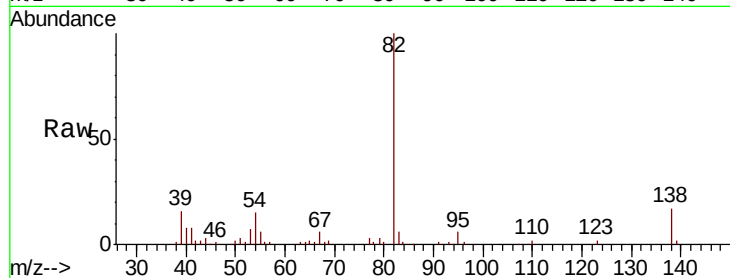
Tgt Ion: 82 Resp: 80818

Ion Ratio Lower Upper

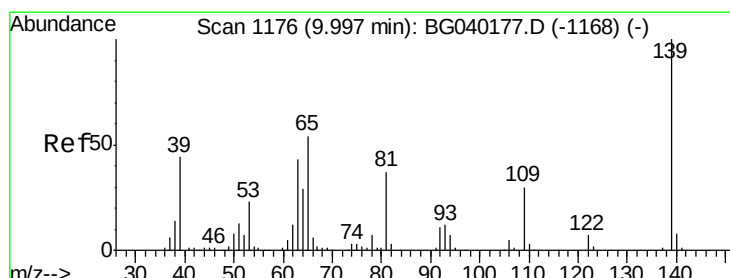
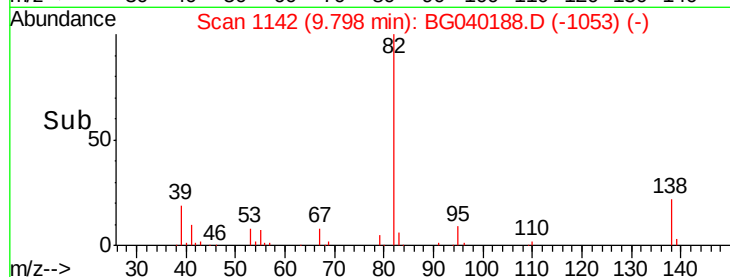
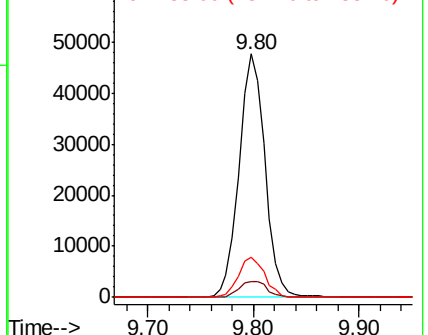
82 100

95 6.5 6.1 9.1

138 16.5 13.2 19.8



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 7.798 ng

RT: 10.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

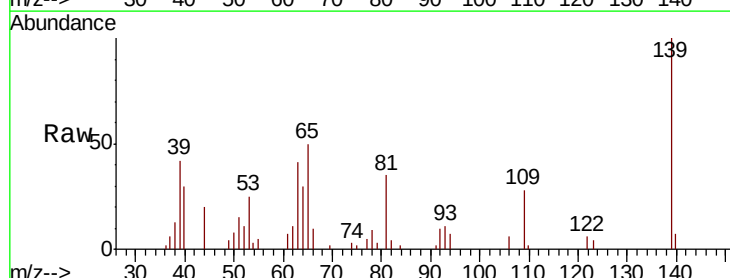
Tgt Ion: 139 Resp: 17586

Ion Ratio Lower Upper

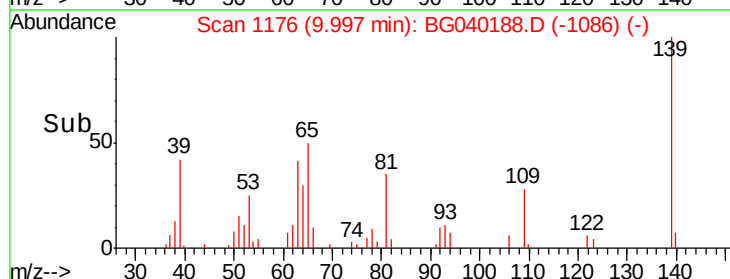
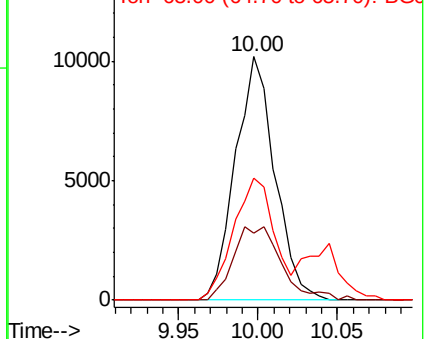
139 100

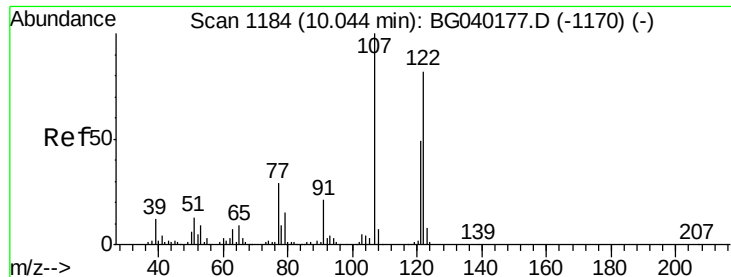
109 27.5 24.1 36.1

65 50.1 43.0 64.6



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

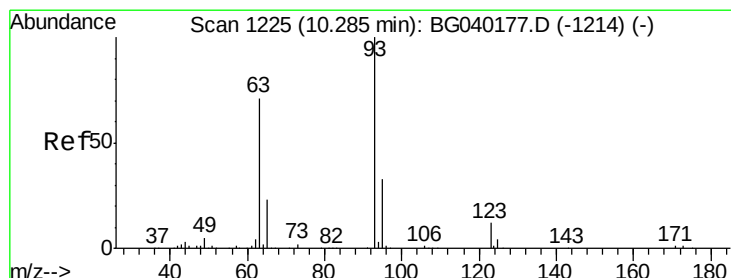
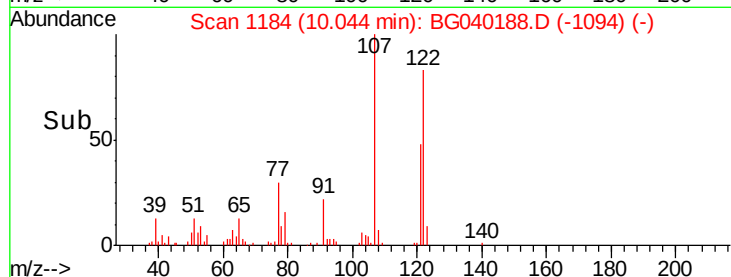
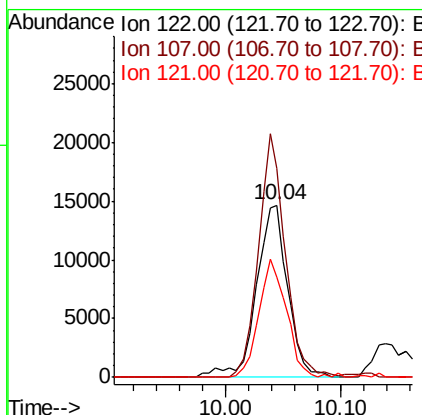
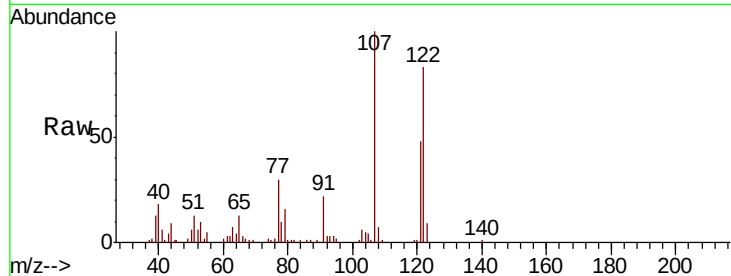




#27
 2,4-Dimethylphenol
 Concen: 7.716 ng
 RT: 10.04 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BG040188.D
 Acq: 28 Mar 2019 1:47

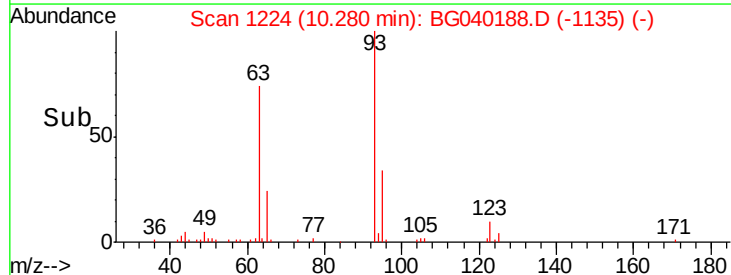
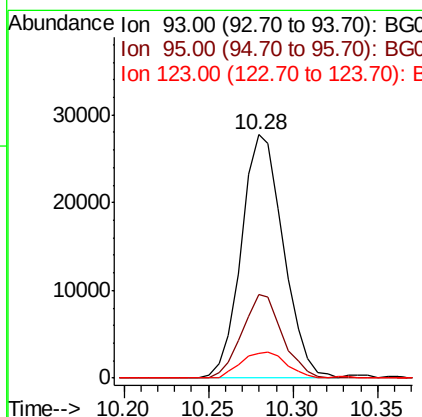
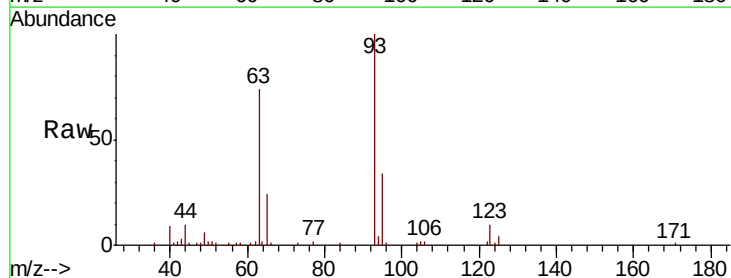
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2019

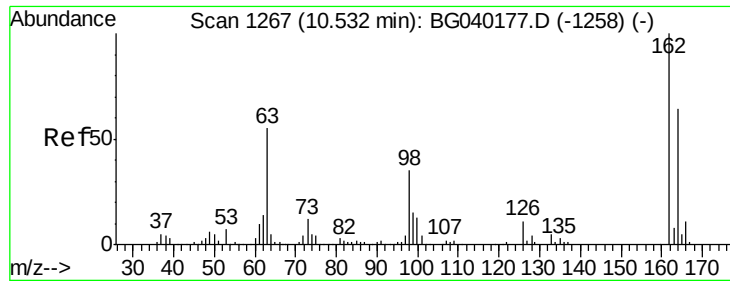
Tgt Ion:122 Resp: 27639
 Ion Ratio Lower Upper
 122 100
 107 121.0 97.4 146.2
 121 58.1 47.7 71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 8.572 ng
 RT: 10.28 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BG040188.D
 Acq: 28 Mar 2019 1:47

Tgt Ion: 93 Resp: 47961
 Ion Ratio Lower Upper
 93 100
 95 34.4 26.2 39.4
 123 10.0 9.4 14.0

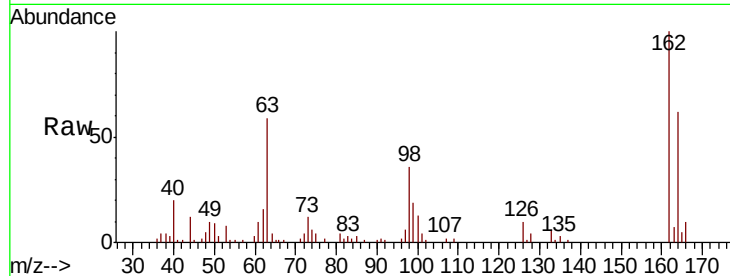




#29
2,4-Dichlorophenol
Concen: 7.970 ng
RT: 10.53 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

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

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.0	43.9	83.9
98	36.3	15.6	55.6

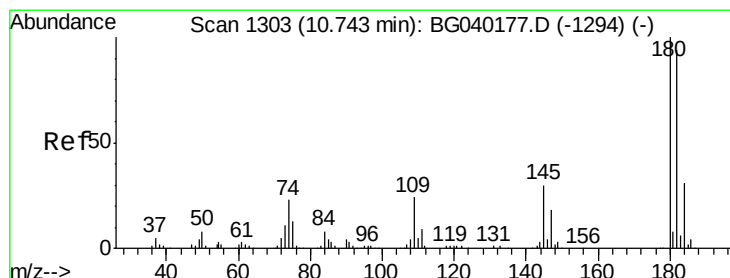
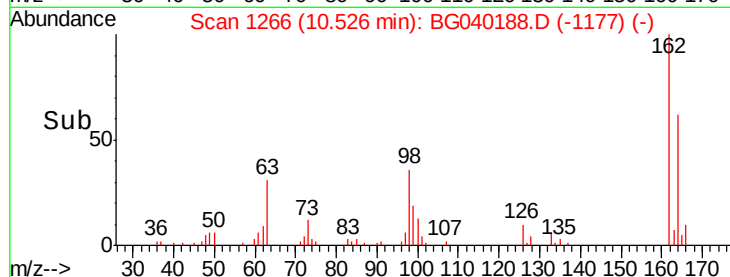
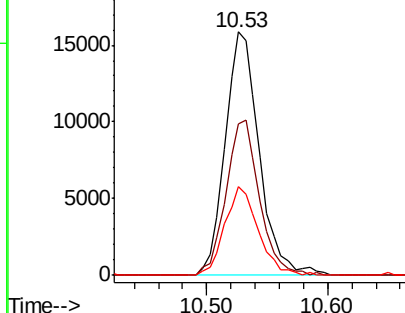


Abundance

Ion 162.00 (161.70 to 162.70): E

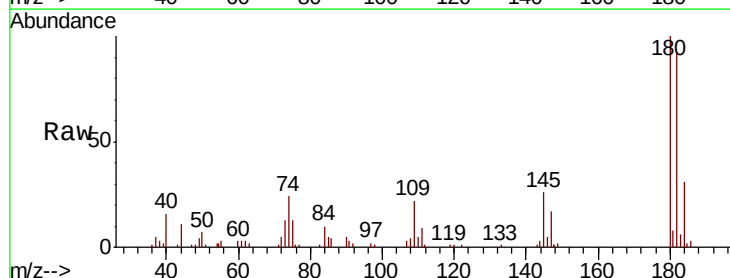
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
1,2,4-Trichlorobenzene
Concen: 8.757 ng
RT: 10.74 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.8	75.1	112.7
145	26.4	24.1	36.1

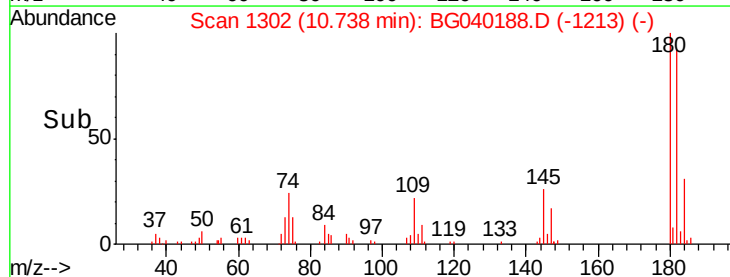
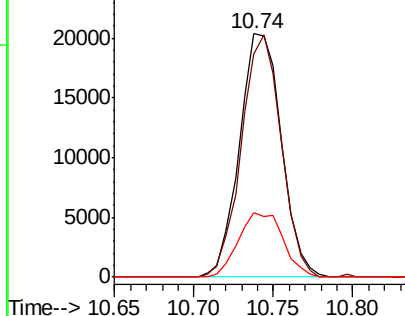


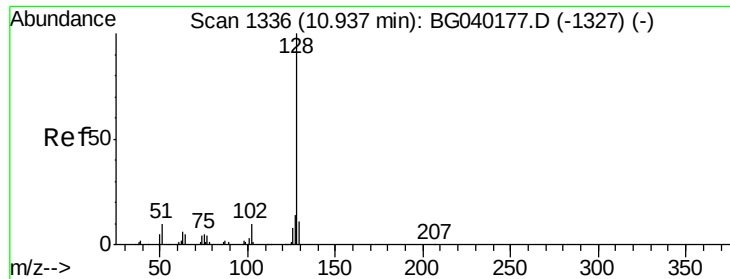
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

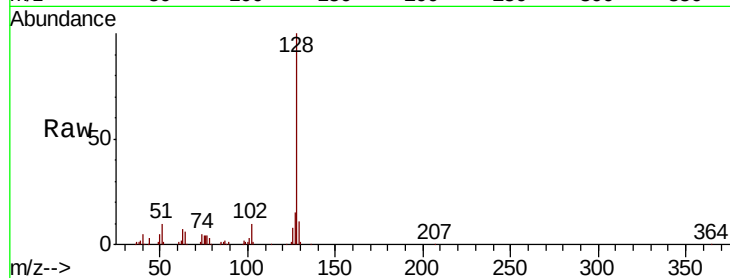




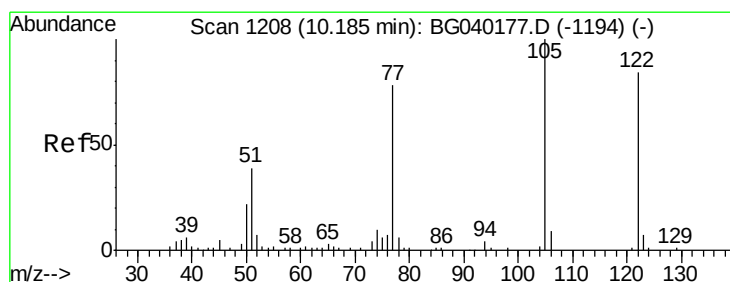
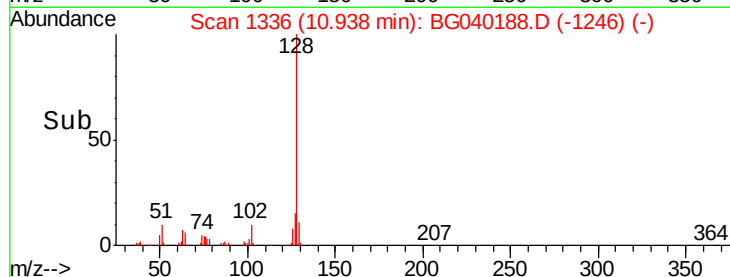
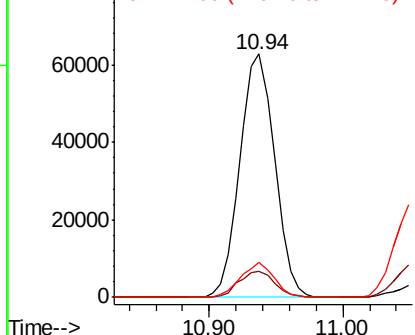
#31
Naphthalene
Concen: 9.039 ng
RT: 10.94 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

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

Tgt Ion:128 Resp: 113194
Ion Ratio Lower Upper
128 100
129 10.7 8.9 13.3
127 14.5 11.4 17.0

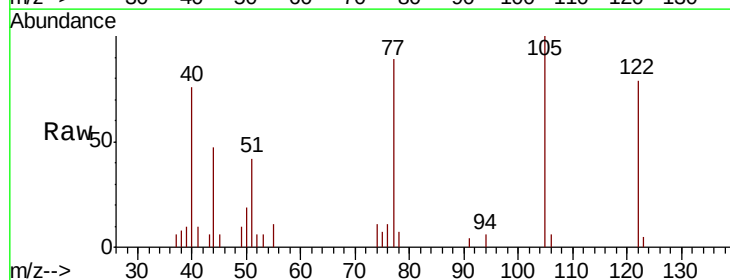


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

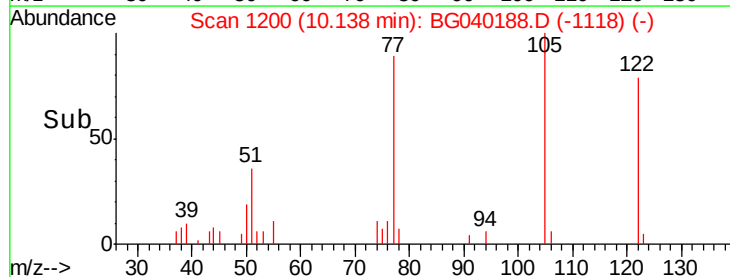
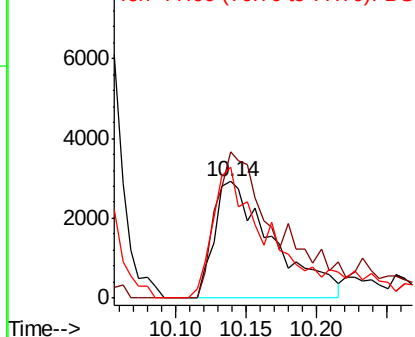


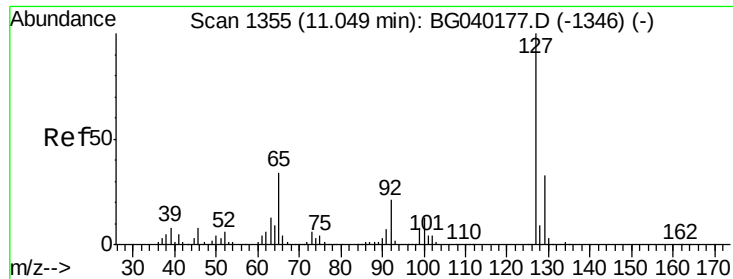
#32
Benzoic acid
Concen: 3.895 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.05 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

Tgt Ion:122 Resp: 8431
Ion Ratio Lower Upper
122 100
105 126.1 98.2 138.2
77 112.1 73.6 113.6



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

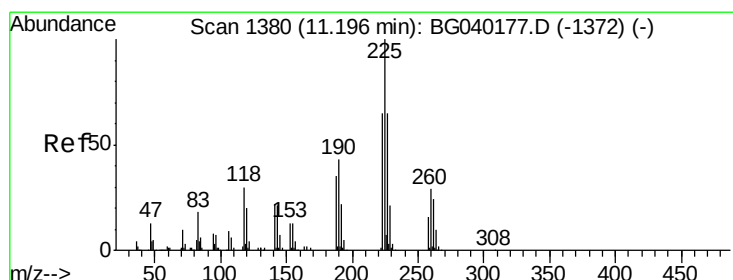
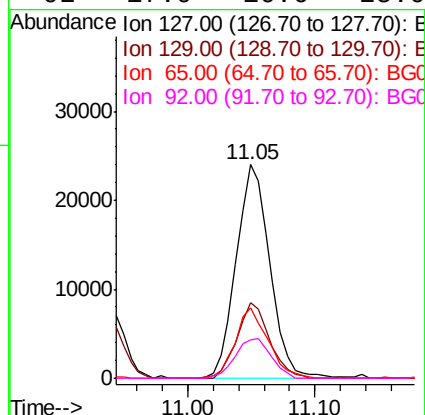
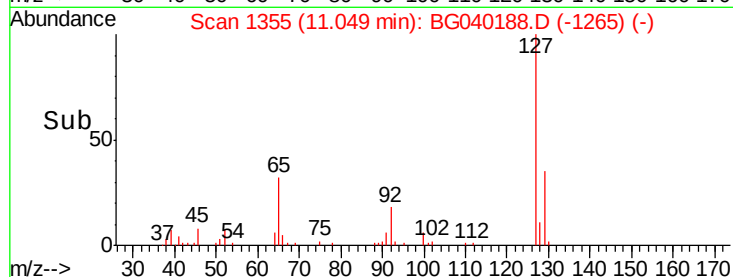
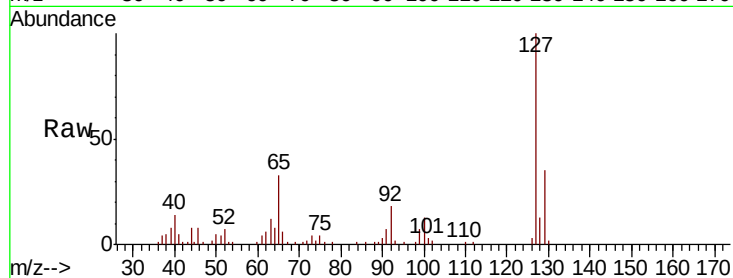




#33
4-Chloroaniline
Concen: 8.267 ng
RT: 11.05 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

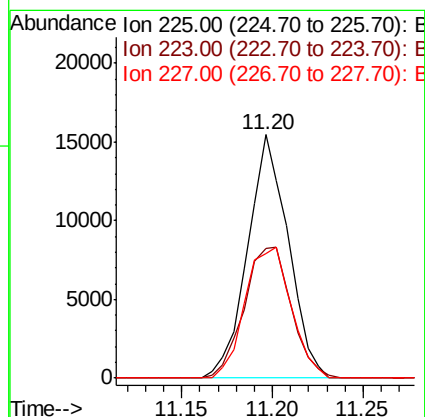
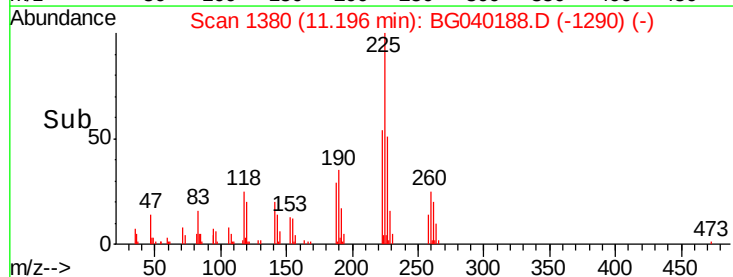
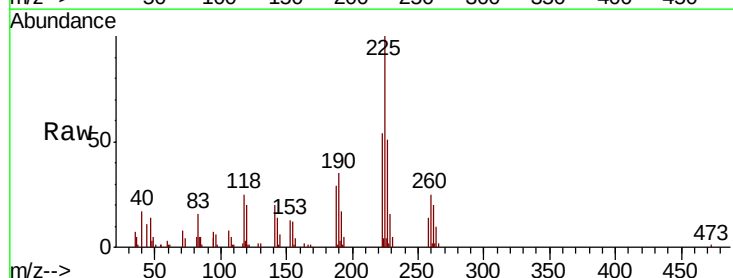
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

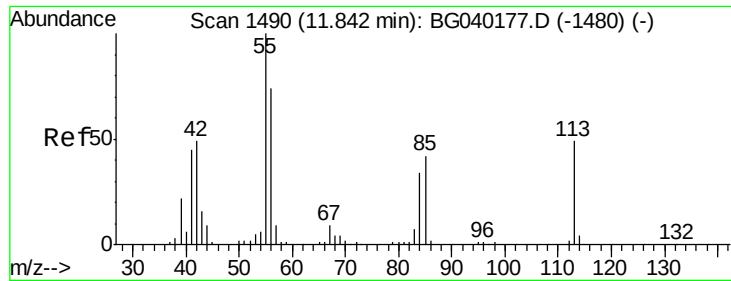
Tgt Ion:	127	Resp:	44157
Ion	Ratio	Lower	Upper
127	100		
129	35.1	26.6	40.0
65	32.9	27.0	40.4
92	17.9	16.6	25.0



#34
Hexachlorobutadiene
Concen: 8.818 ng
RT: 11.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

Tgt Ion:	225	Resp:	24079
Ion	Ratio	Lower	Upper
225	100		
223	53.5	51.8	77.8
227	51.2	54.9	82.3#





#35

Caprolactam

Concen: 7.315 ng

RT: 11.81 min Scan# 1485

Delta R.T. -0.03 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

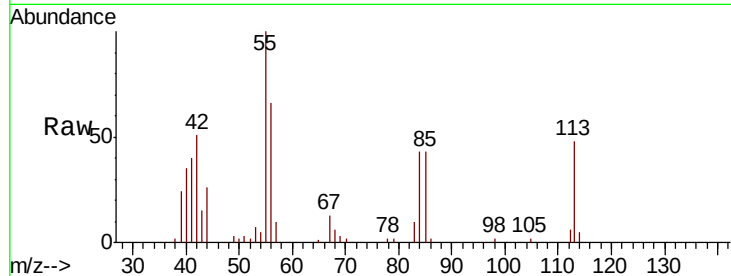
Tgt Ion:113 Resp: 11288

Ion Ratio Lower Upper

113 100

55 209.7 184.2 224.2

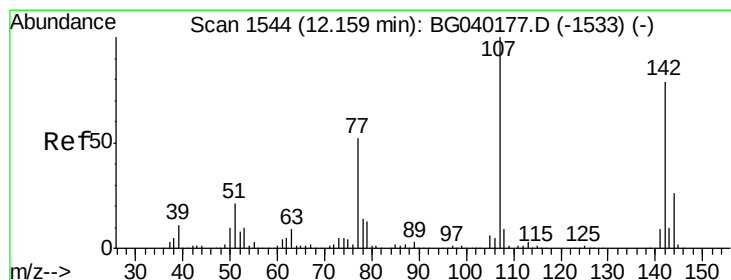
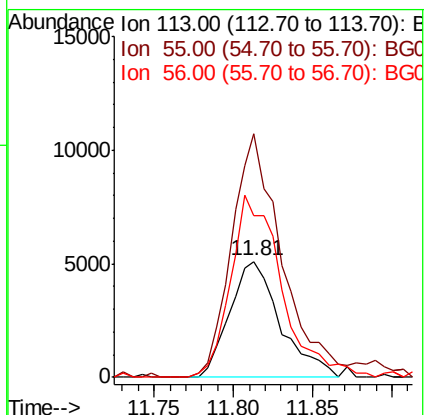
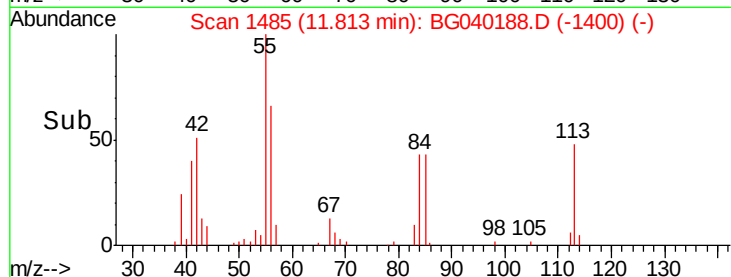
56 139.1 131.3 171.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 7.830 ng

RT: 12.15 min Scan# 1543

Delta R.T. -0.01 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

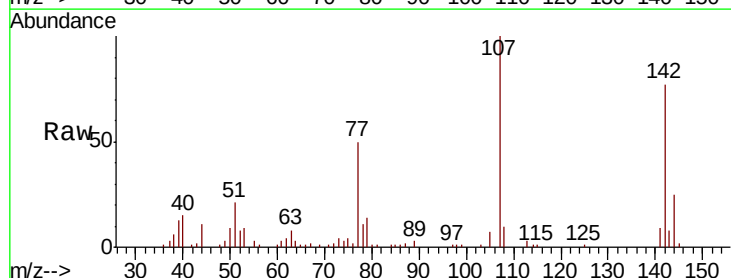
Tgt Ion:107 Resp: 35000

Ion Ratio Lower Upper

107 100

144 25.3 20.5 30.7

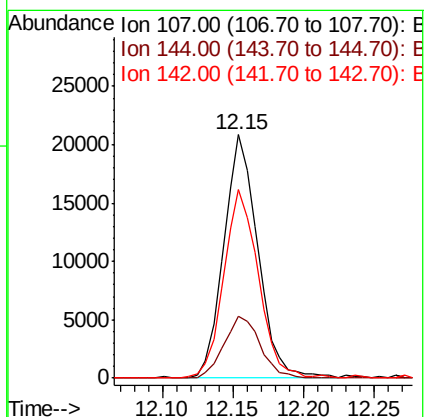
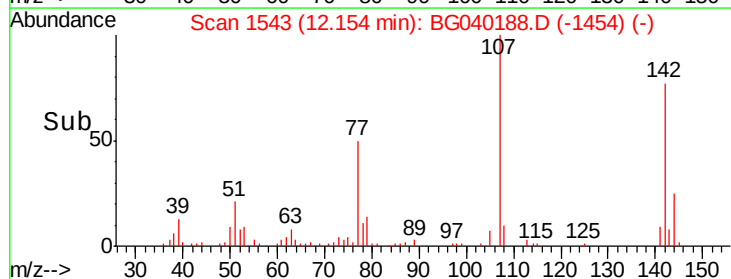
142 77.2 63.1 94.7

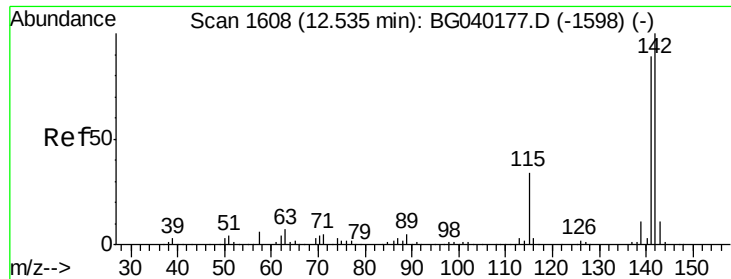


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

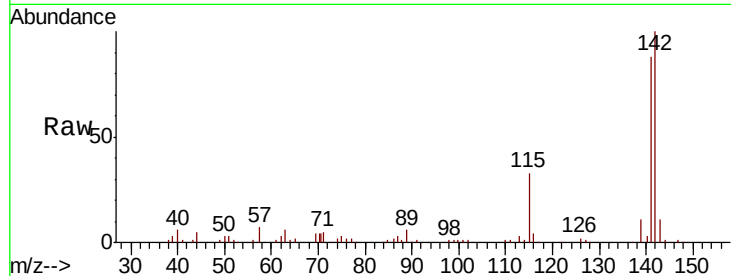




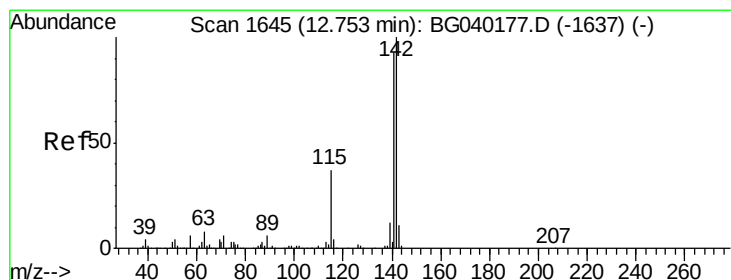
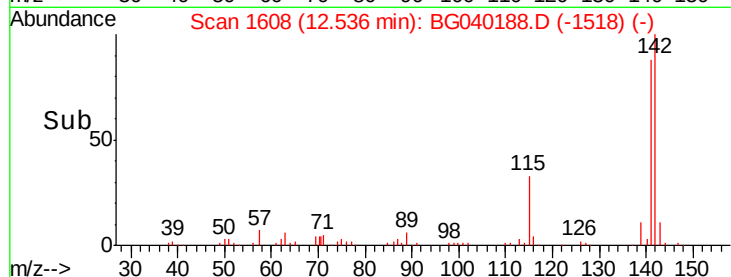
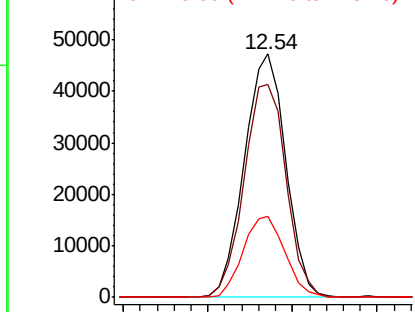
#37
 2-Methylnaphthalene
 Concen: 8.660 ng
 RT: 12.54 min Scan# 1608
 Delta R.T. 0.00 min
 Lab File: BG040188.D
 Acq: 28 Mar 2019 1:47

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

Tgt Ion:142 Resp: 80202
 Ion Ratio Lower Upper
 142 100
 141 87.7 71.0 106.6
 115 33.4 27.3 40.9

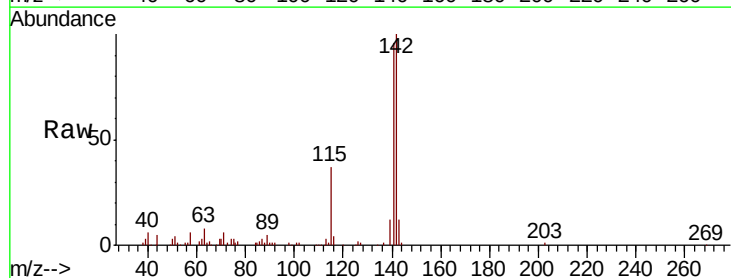


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

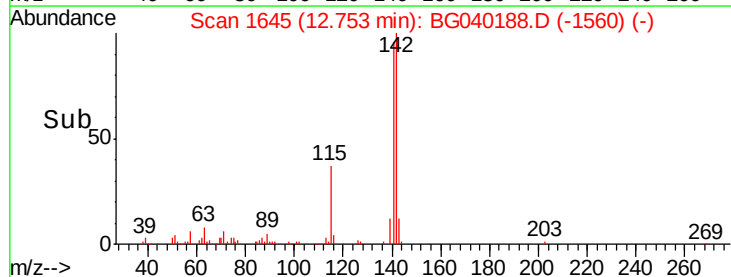
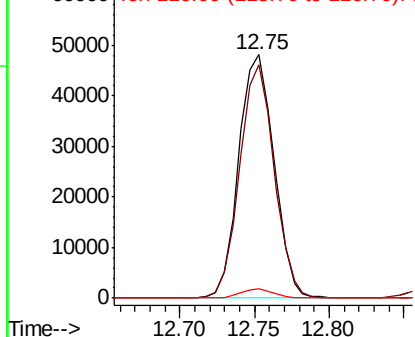


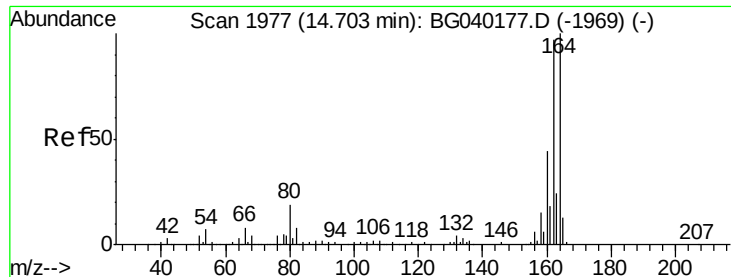
#38
 1-Methylnaphthalene
 Concen: 8.800 ng
 RT: 12.75 min Scan# 1645
 Delta R.T. 0.00 min
 Lab File: BG040188.D
 Acq: 28 Mar 2019 1:47

Tgt Ion:142 Resp: 79029
 Ion Ratio Lower Upper
 142 100
 141 95.9 74.2 111.4
 116 3.8 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. -0.01 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

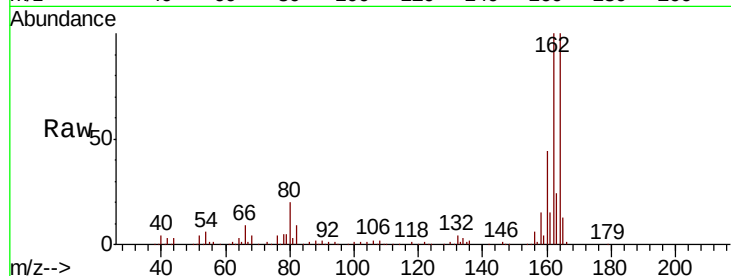
Tgt Ion:164 Resp: 149579

Ion Ratio Lower Upper

164 100

162 100.4 77.4 116.2

160 43.8 35.3 52.9

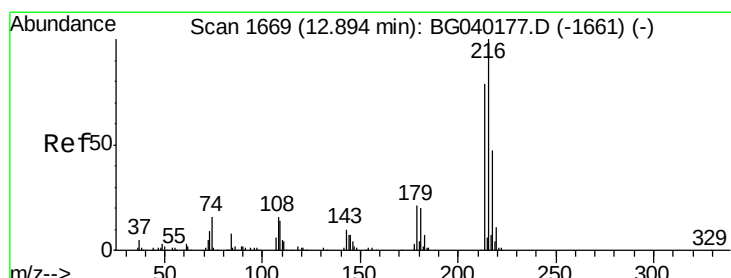
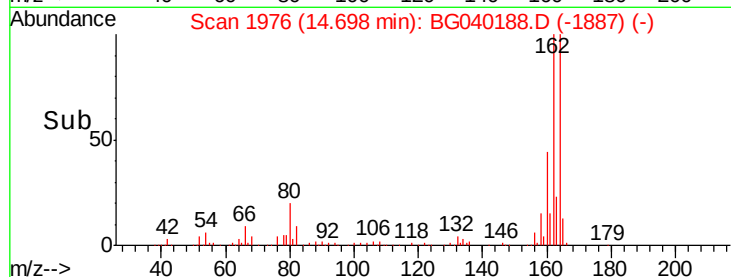
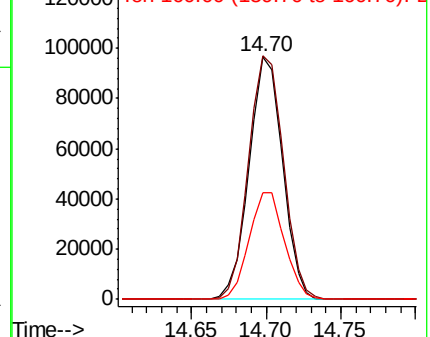


Abundance

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: 8.914 ng

RT: 12.89 min Scan# 1669

Delta R.T. 0.00 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

Tgt Ion:216 Resp: 42377

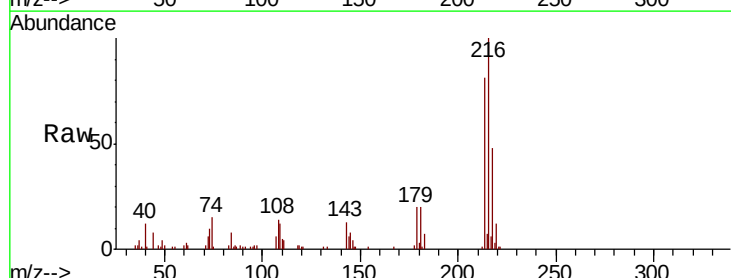
Ion Ratio Lower Upper

216 100

214 80.6 63.5 95.3

179 20.7 16.6 25.0

108 16.8 13.8 20.8



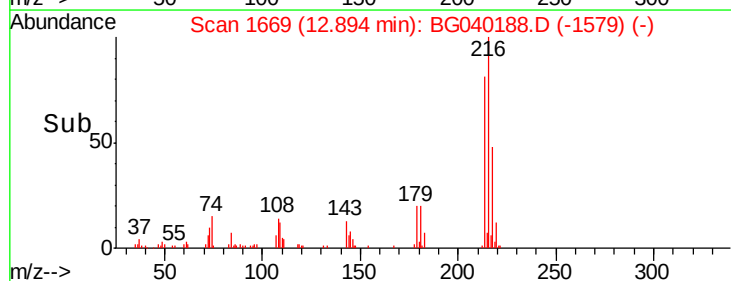
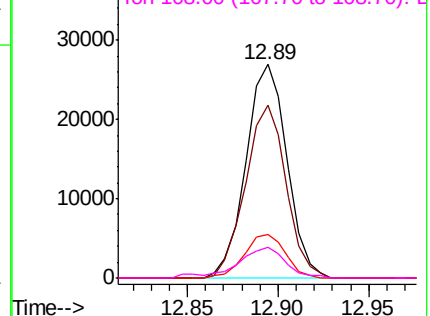
Abundance

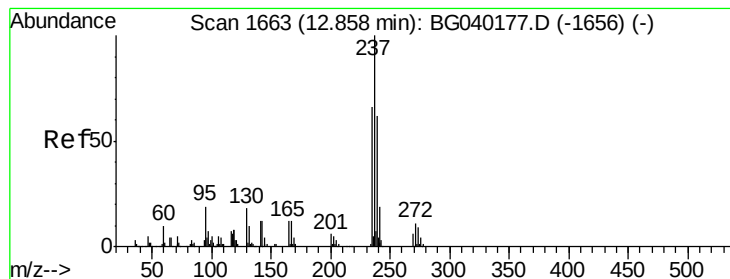
Ion 216.00 (215.70 to 216.70): E

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: 6.980 ng

RT: 12.86 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

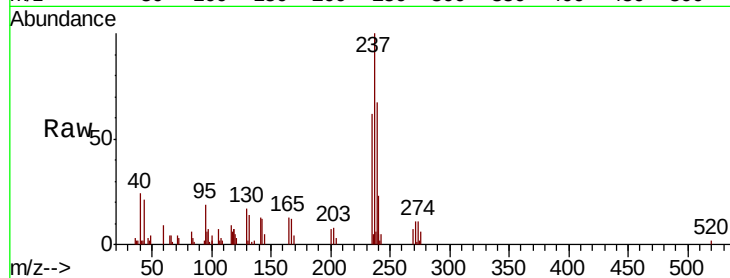
Tgt Ion: 237 Resp: 18221

Ion Ratio Lower Upper

237 100

235 62.2 46.2 86.2

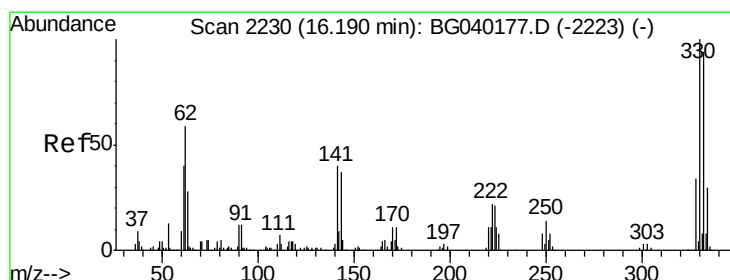
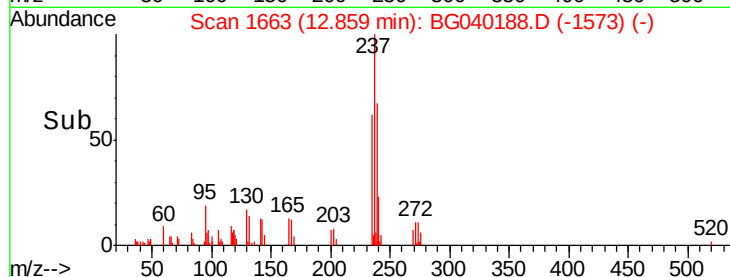
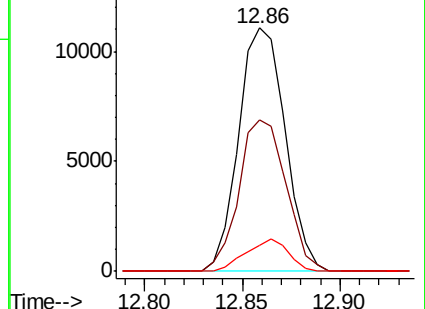
272 10.9 0.0 30.5



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: 112.031 ng

RT: 16.19 min Scan# 2230

Delta R.T. 0.00 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

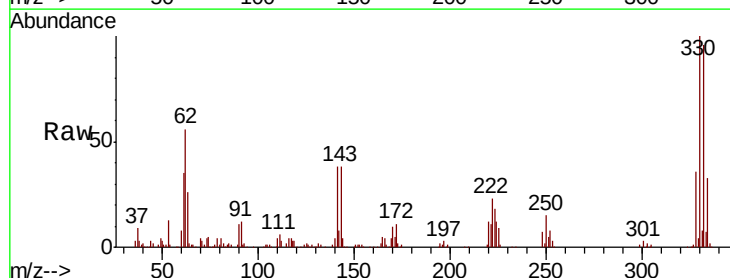
Tgt Ion: 330 Resp: 181104

Ion Ratio Lower Upper

330 100

332 97.4 76.6 115.0

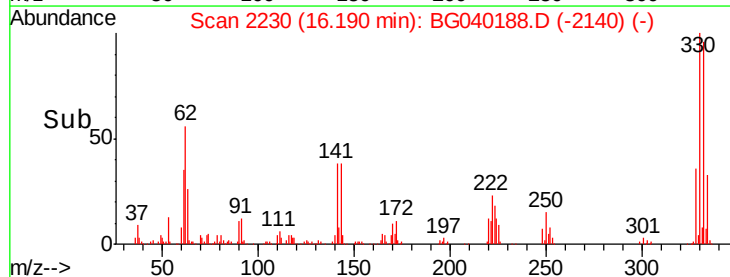
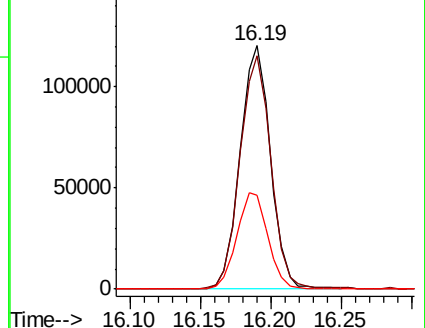
141 40.6 32.6 48.8

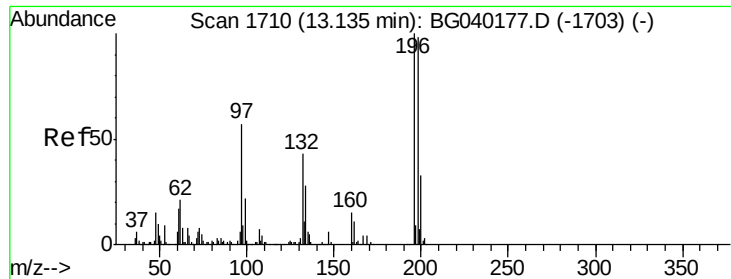


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

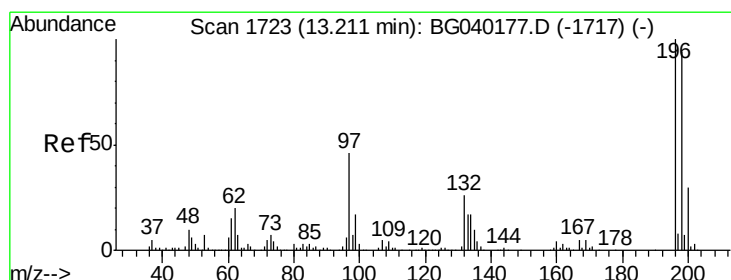
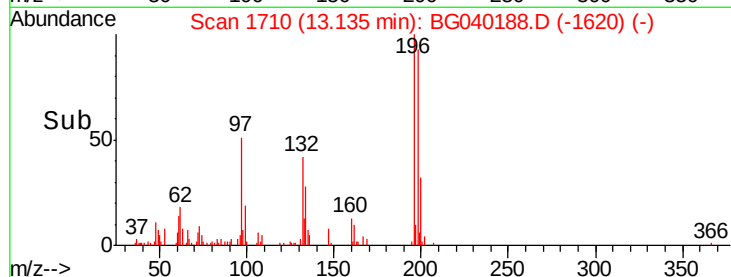
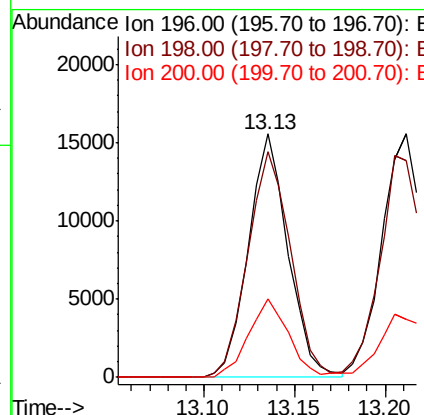
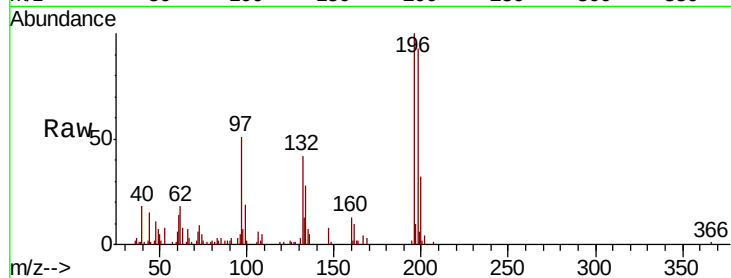




#43
 2,4,6-Trichlorophenol
 Concen: 7.707 ng
 RT: 13.13 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BG040188.D
 Acq: 28 Mar 2019 1:47

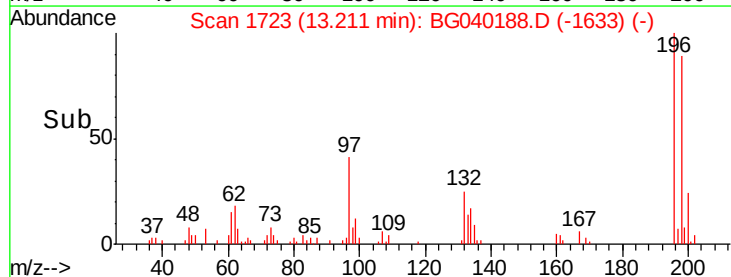
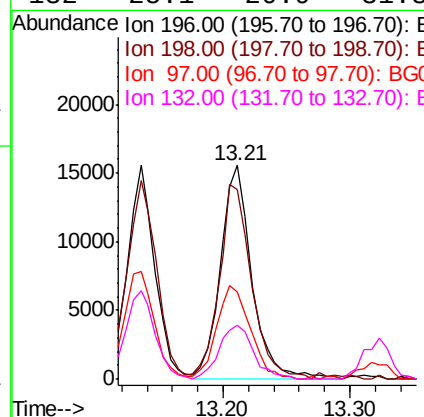
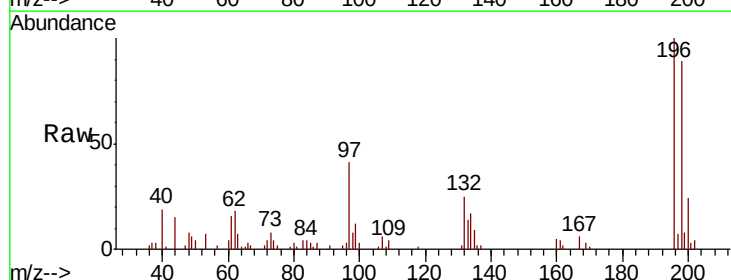
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2019

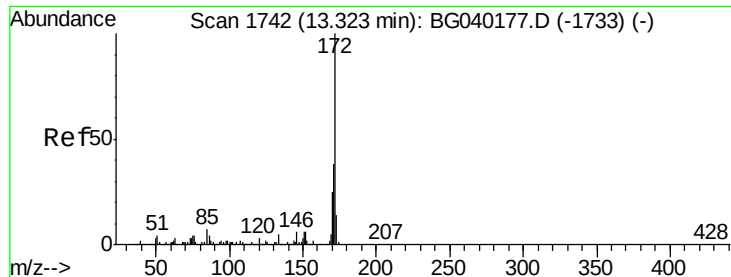
Tgt Ion:196 Resp: 23622
 Ion Ratio Lower Upper
 196 100
 198 92.7 78.3 117.5
 200 32.4 26.0 39.0



#44
 2,4,5-Trichlorophenol
 Concen: 8.025 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. 0.00 min
 Lab File: BG040188.D
 Acq: 28 Mar 2019 1:47

Tgt Ion:196 Resp: 26812
 Ion Ratio Lower Upper
 196 100
 198 89.0 75.0 112.6
 97 41.1 37.3 55.9
 132 25.1 20.9 31.3

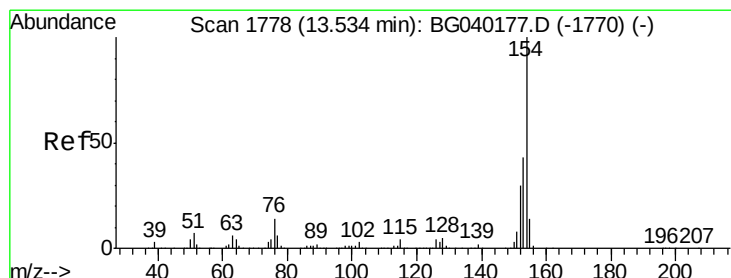
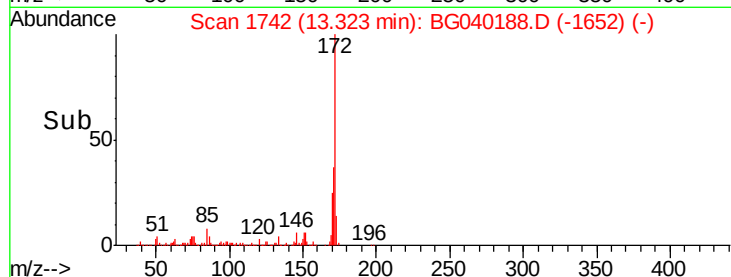
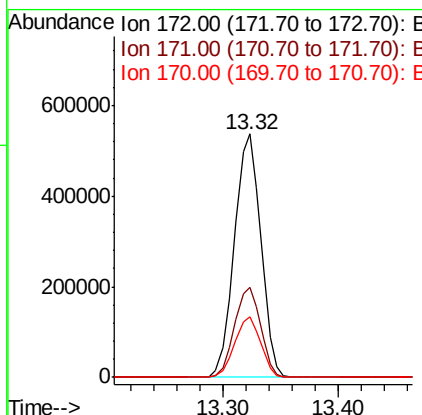
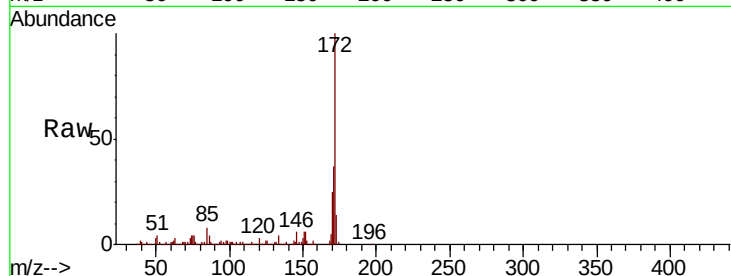




#45
2-Fluorobiphenyl
Concen: 83.957 ng
RT: 13.32 min Scan# 1742
Delta R.T. 0.00 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

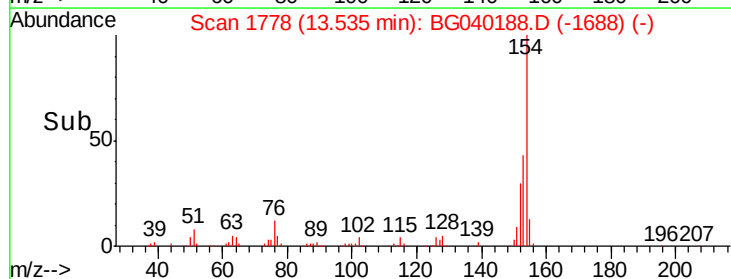
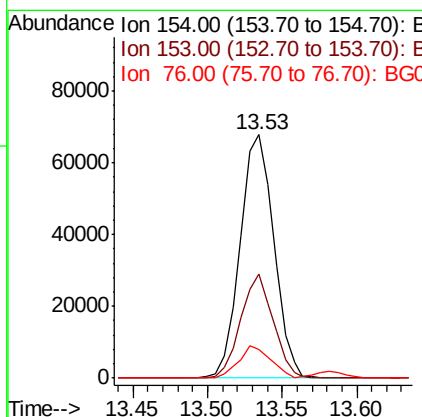
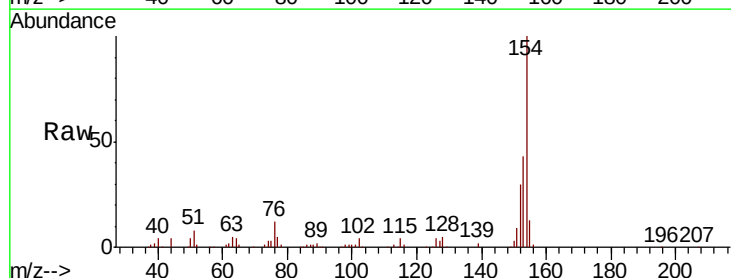
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

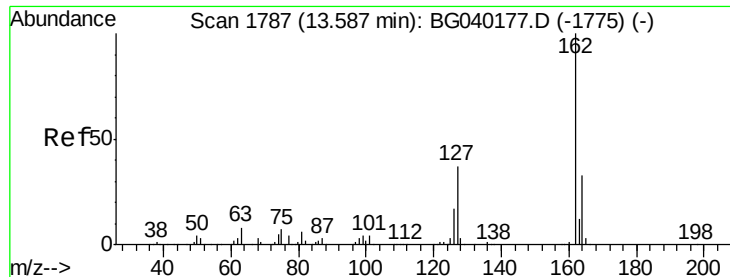
Tgt Ion:172 Resp: 847518
Ion Ratio Lower Upper
172 100
171 37.0 30.5 45.7
170 24.9 20.1 30.1



#46
1,1'-Biphenyl
Concen: 8.955 ng
RT: 13.53 min Scan# 1778
Delta R.T. 0.00 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

Tgt Ion:154 Resp: 105835
Ion Ratio Lower Upper
154 100
153 42.8 22.5 62.5
76 11.9 0.0 33.7

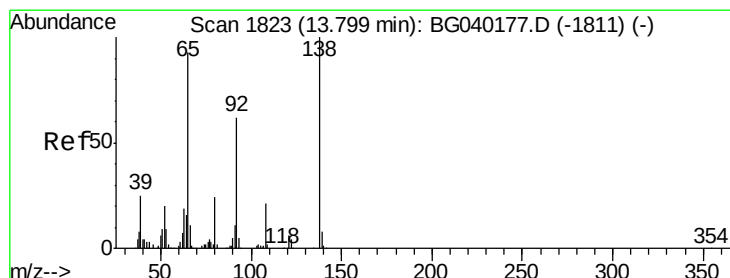
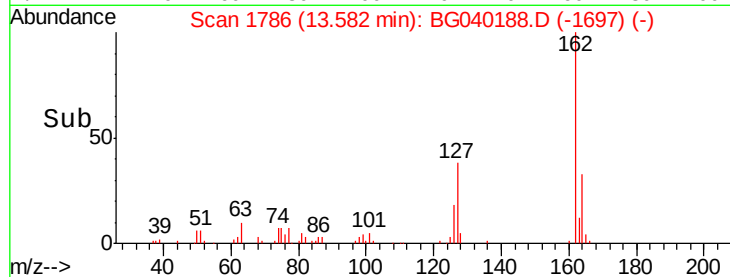
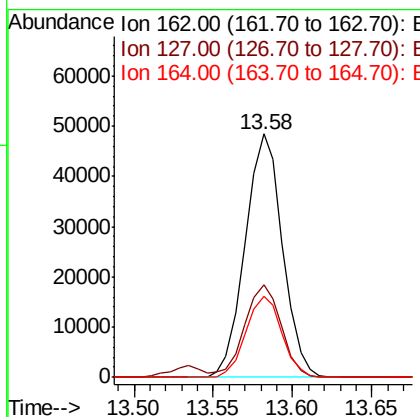
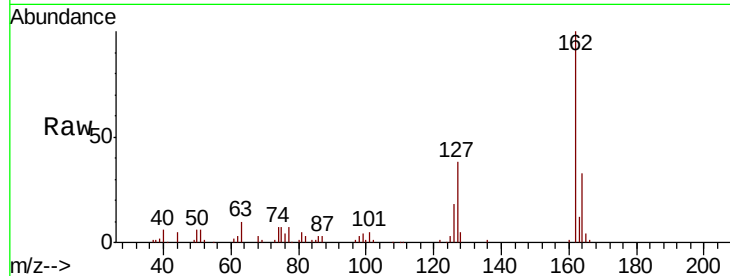




#47
 2-Chloronaphthalene
 Concen: 8.715 ng
 RT: 13.58 min Scan# 1786
 Delta R.T. -0.01 min
 Lab File: BG040188.D
 Acq: 28 Mar 2019 1:47

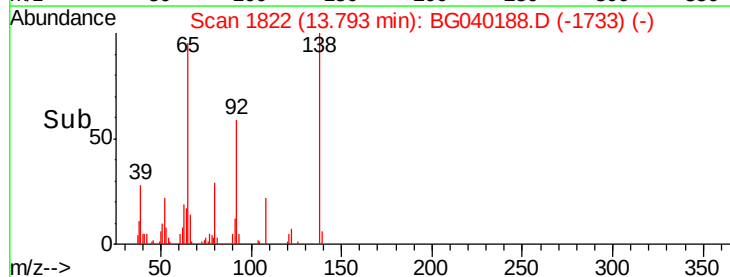
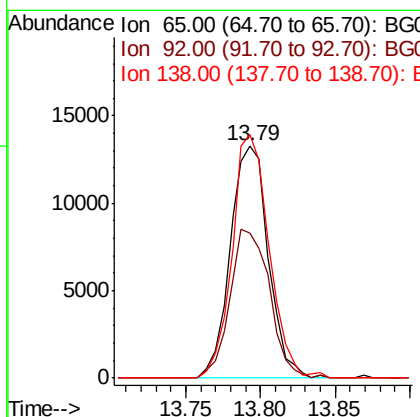
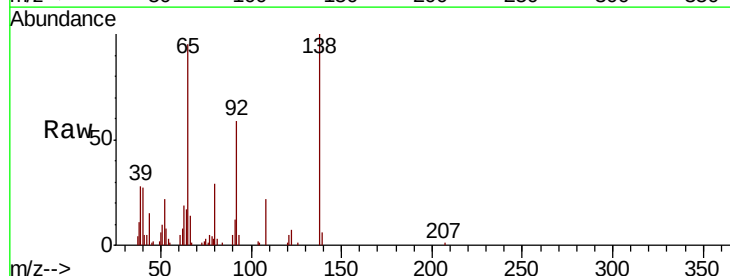
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2019

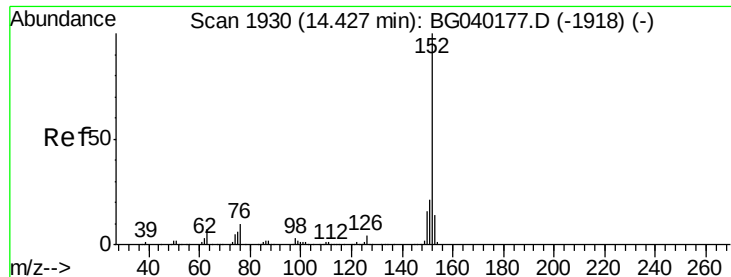
Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.2	30.6	45.8
164	33.3	26.2	39.4



#48
 2-Nitroaniline
 Concen: 7.682 ng
 RT: 13.79 min Scan# 1822
 Delta R.T. -0.01 min
 Lab File: BG040188.D
 Acq: 28 Mar 2019 1:47

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.2	53.8	80.6
138	104.9	86.3	129.5





#49

Acenaphthylene

Concen: 9.013 ng

RT: 14.43 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

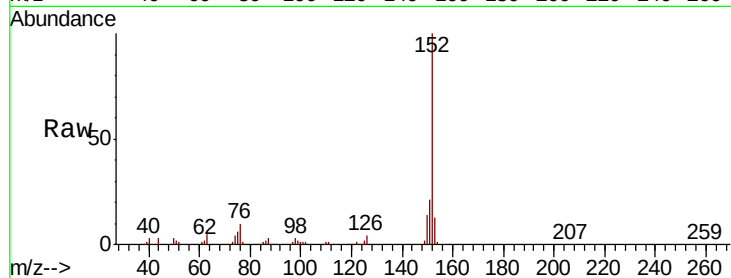
Tgt Ion:152 Resp: 138533

Ion Ratio Lower Upper

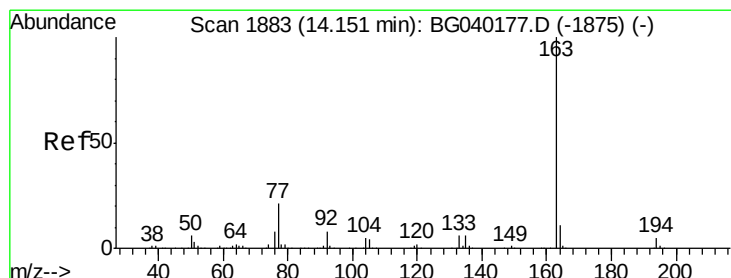
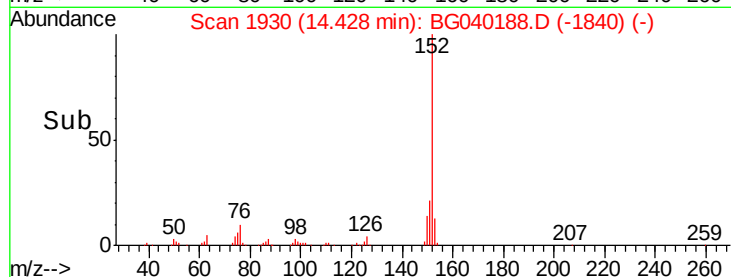
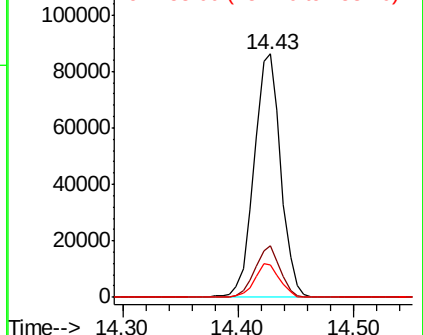
152 100

151 21.5 17.0 25.6

153 13.3 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: 8.879 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.01 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

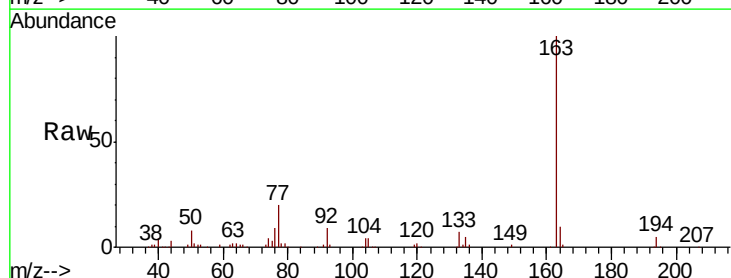
Tgt Ion:163 Resp: 103945

Ion Ratio Lower Upper

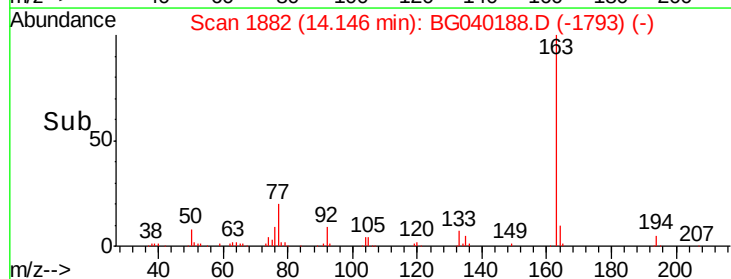
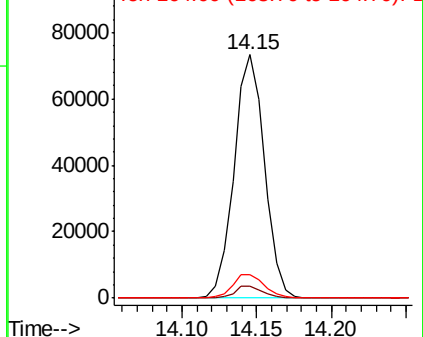
163 100

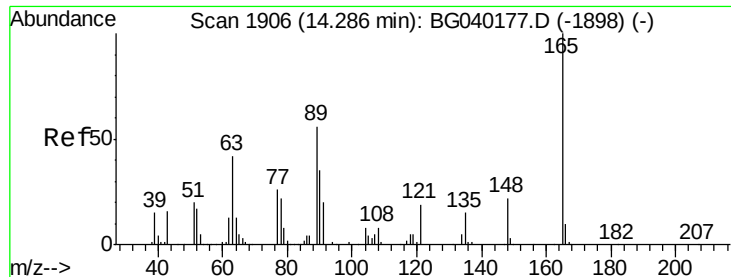
194 4.7 4.1 6.1

164 9.8 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

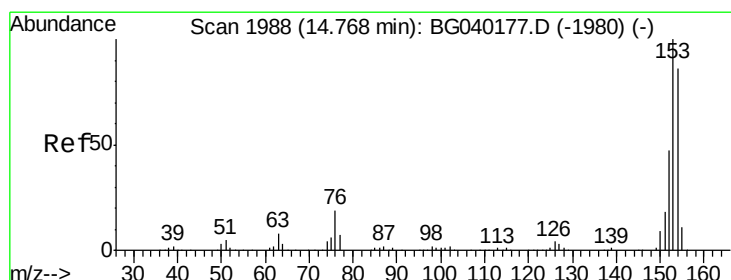
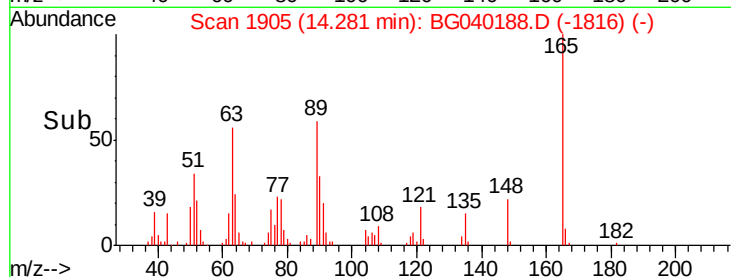
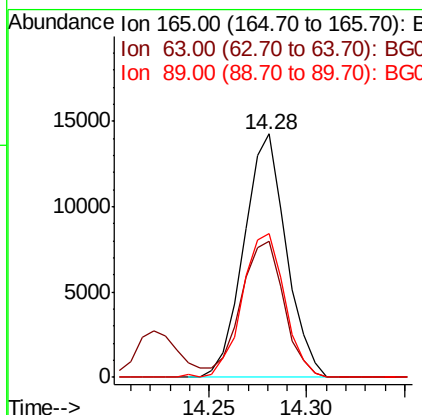
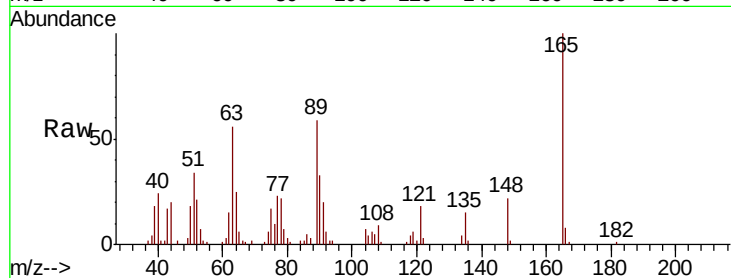




#51
 2,6-Dinitrotoluene
 Concen: 8.111 ng
 RT: 14.28 min Scan# 1905
 Delta R.T. -0.01 min
 Lab File: BG040188.D
 Acq: 28 Mar 2019 1:47

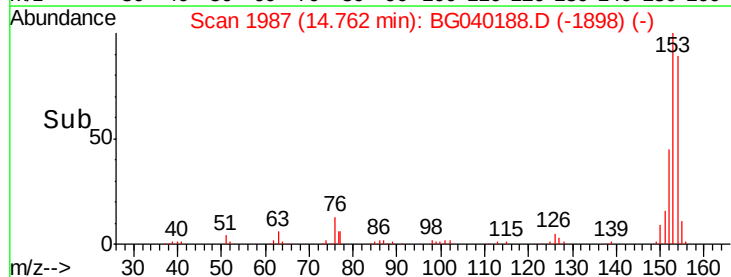
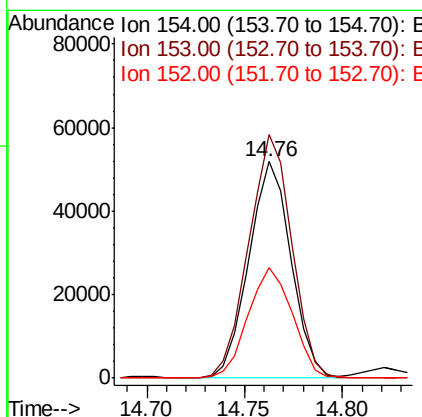
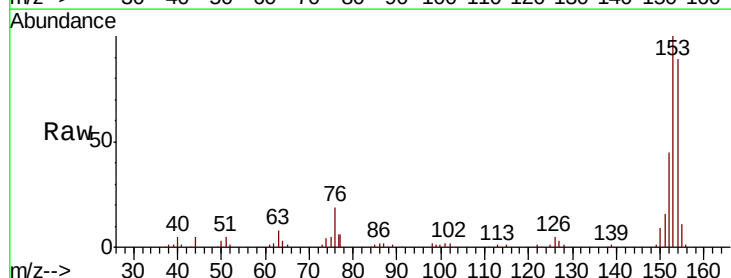
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2019

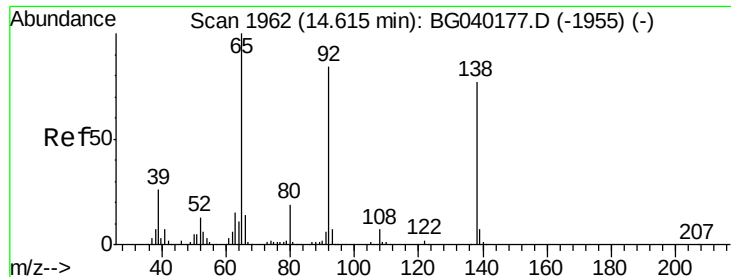
Tgt Ion	Ratio	Lower	Upper
165	100		
63	55.7	44.1	66.1
89	58.8	44.9	67.3



#52
 Acenaphthene
 Concen: 8.847 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. -0.01 min
 Lab File: BG040188.D
 Acq: 28 Mar 2019 1:47

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.4	92.8	139.2
152	50.9	43.4	65.2

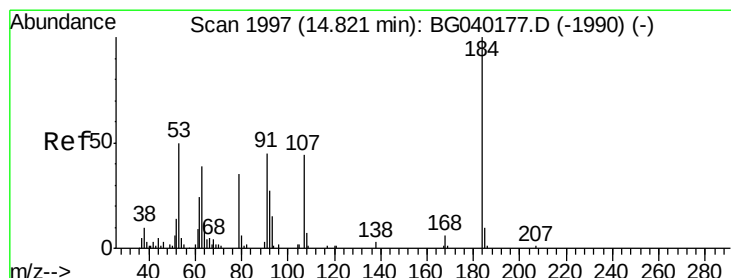
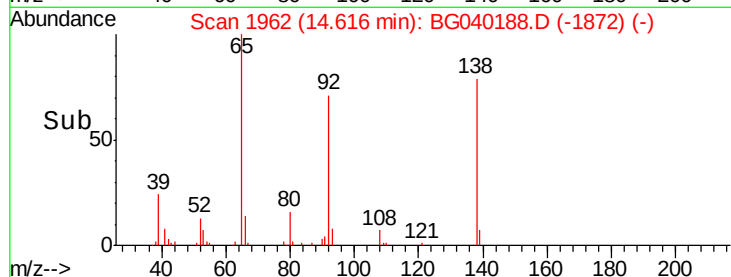
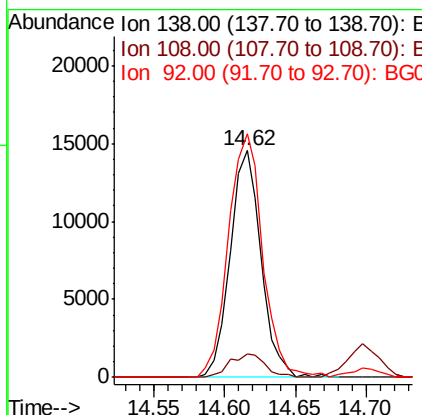
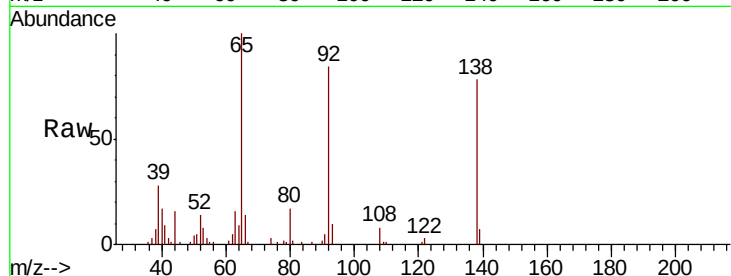




#53
3-Nitroaniline
Concen: 7.954 ng
RT: 14.62 min Scan# 1962
Delta R.T. 0.00 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

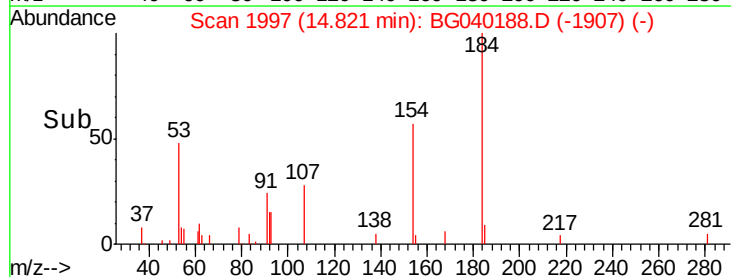
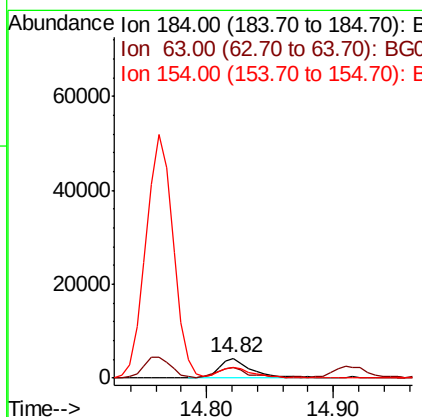
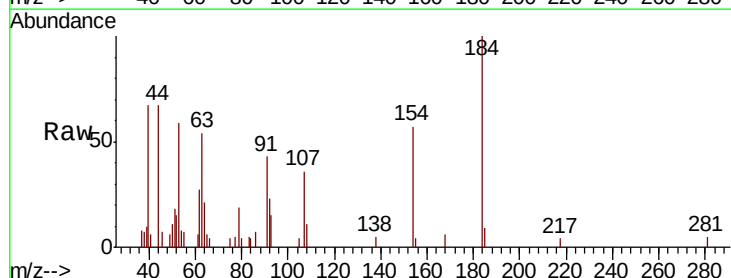
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

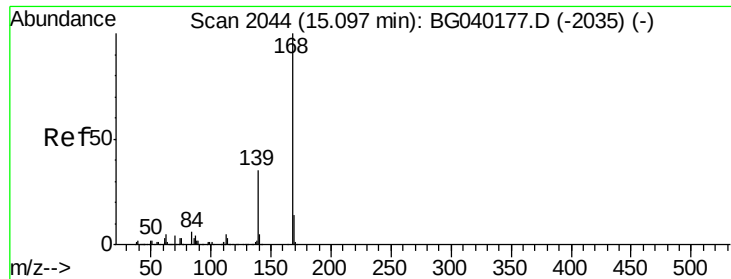
Tgt Ion:138 Resp: 22131
Ion Ratio Lower Upper
138 100
108 10.3 7.8 11.8
92 107.3 87.5 131.3



#54
2,4-Dinitrophenol
Concen: 5.412 ng
RT: 14.82 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

Tgt Ion:184 Resp: 7565
Ion Ratio Lower Upper
184 100
63 54.0 51.8 77.8
154 57.3 50.9 76.3

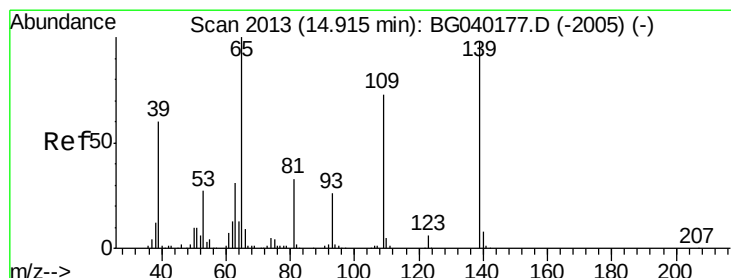
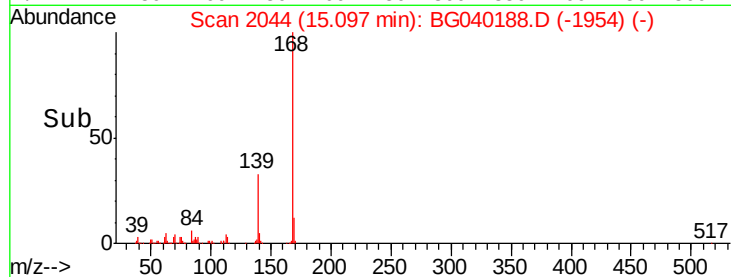
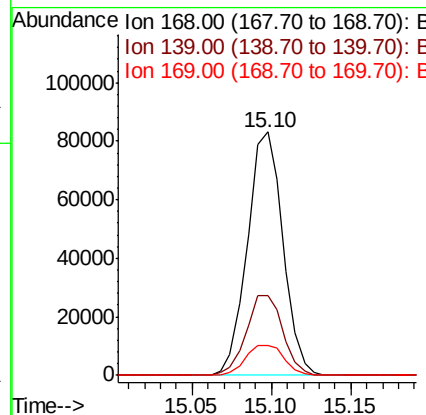
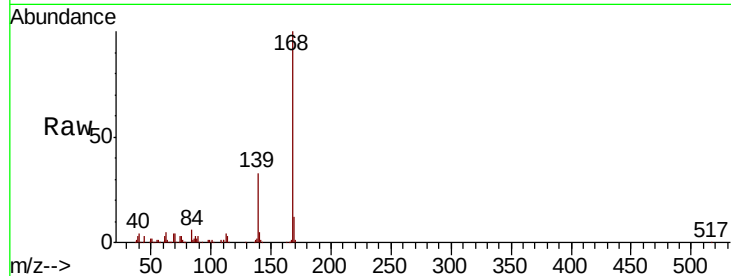




#55
Dibenzenofuran
Concen: 9.126 ng
RT: 15.10 min Scan# 2044
Delta R.T. 0.00 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

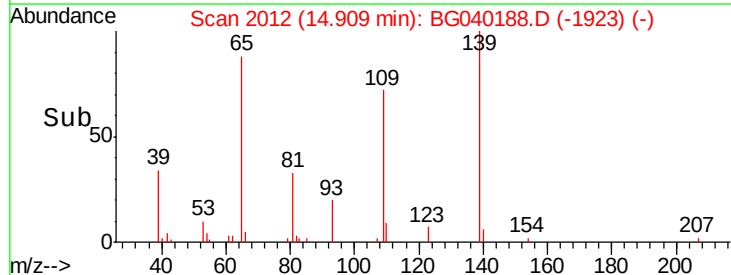
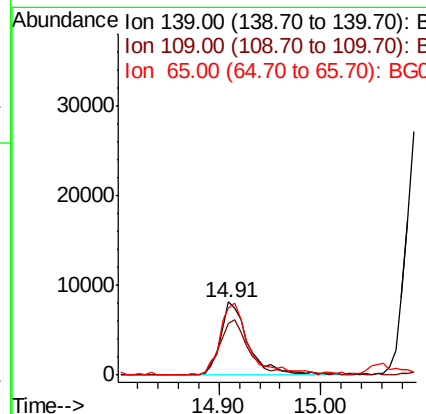
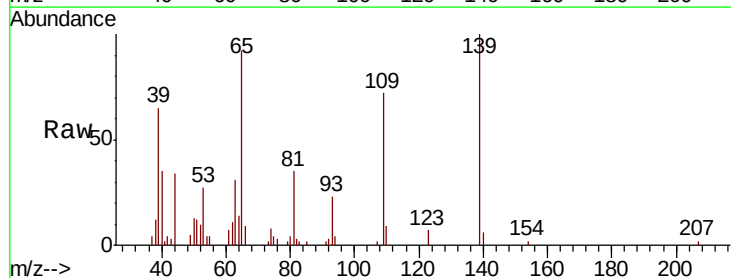
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

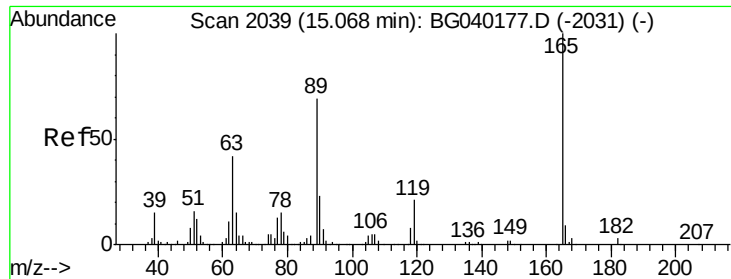
Tgt Ion:168 Resp: 129157
Ion Ratio Lower Upper
168 100
139 32.7 27.9 41.9
169 12.2 11.3 16.9



#56
4-Nitrophenol
Concen: 6.993 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

Tgt Ion:139 Resp: 15704
Ion Ratio Lower Upper
139 100
109 71.8 54.3 94.3
65 91.8 82.5 122.5

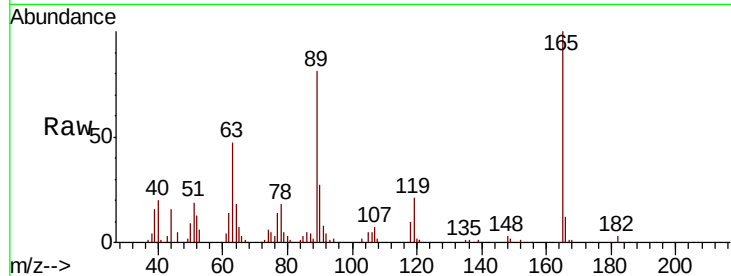




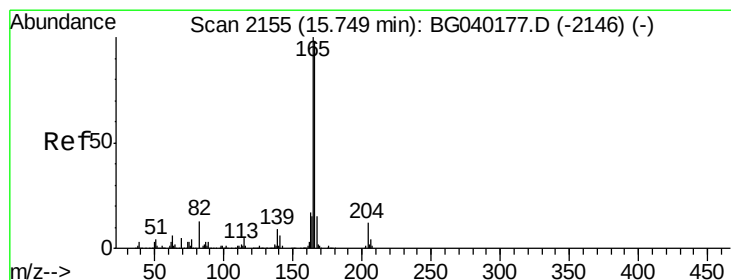
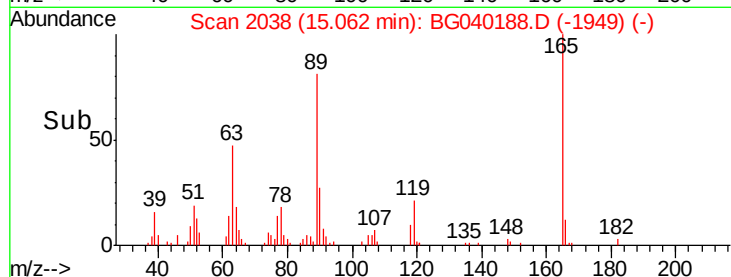
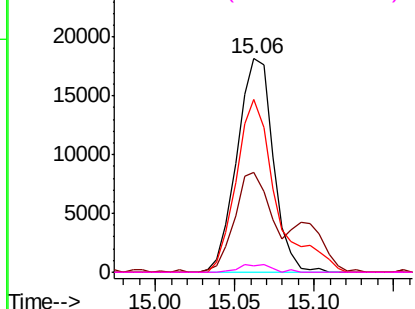
#57
2,4-Dinitrotoluene
Concen: 7.887 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

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

Tgt Ion:	165	Resp:	28806
Ion	Ratio	Lower	Upper
165	100		
63	46.9	33.8	50.6
89	81.2	55.4	83.2
182	3.3	2.2	3.4

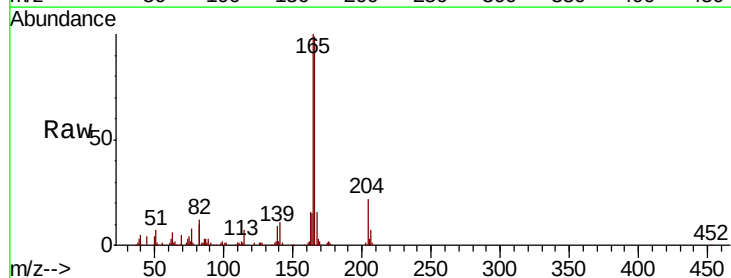


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

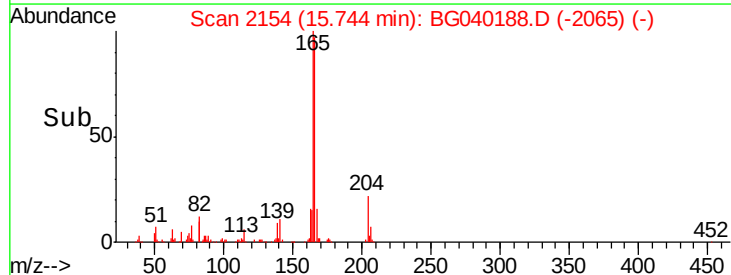
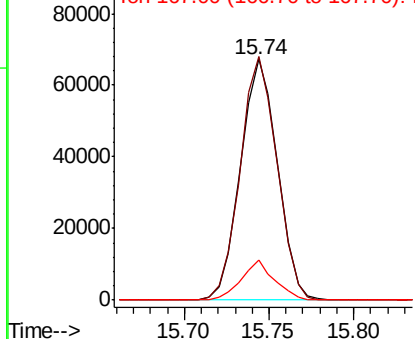


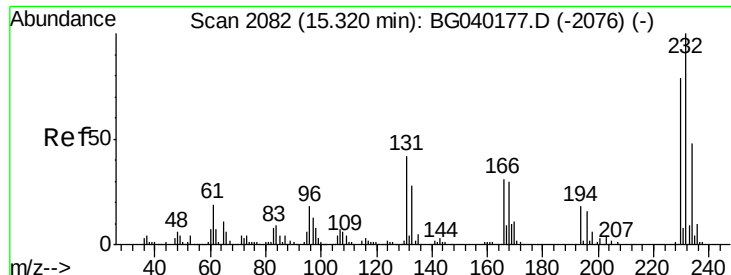
#58
Fluorene
Concen: 9.172 ng
RT: 15.74 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

Tgt Ion:	166	Resp:	102058
Ion	Ratio	Lower	Upper
166	100		
165	101.0	81.7	122.5
167	16.6	11.9	17.9



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

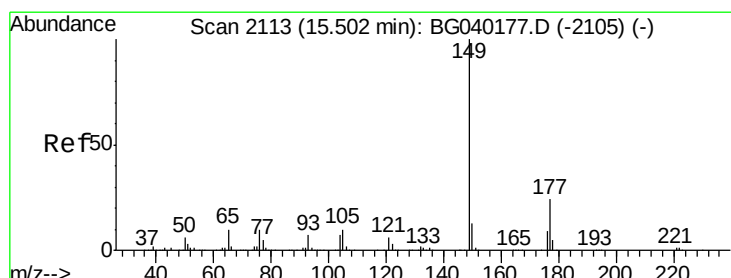
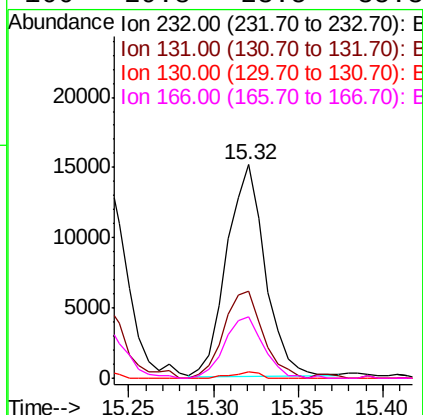
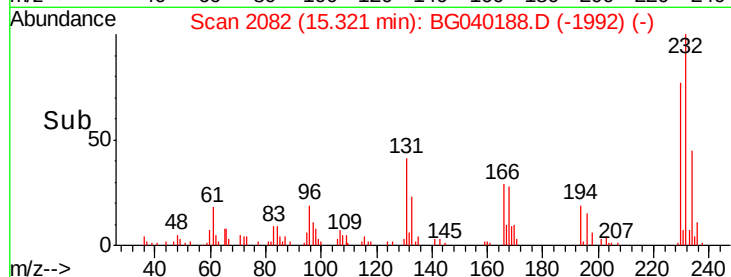
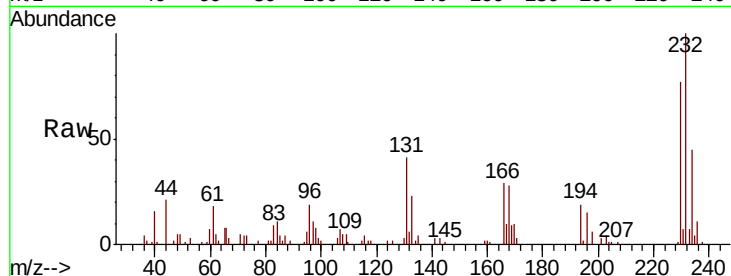




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 7.795 ng
 RT: 15.32 min Scan# 2082
 Delta R.T. 0.00 min
 Lab File: BG040188.D
 Acq: 28 Mar 2019 1:47

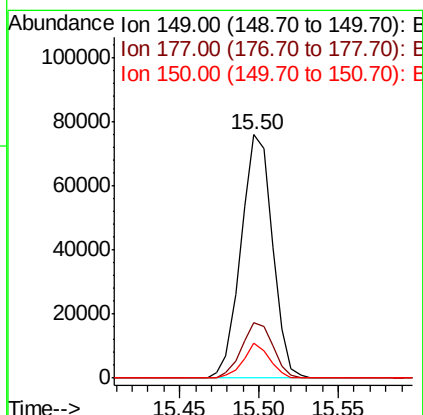
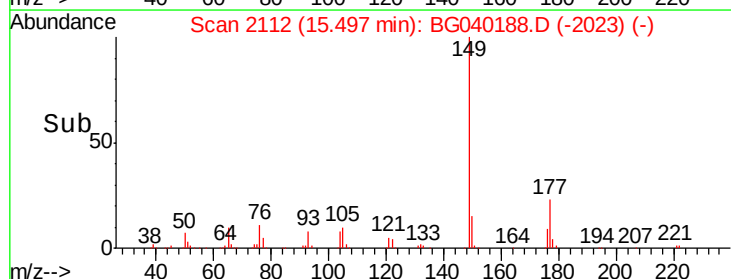
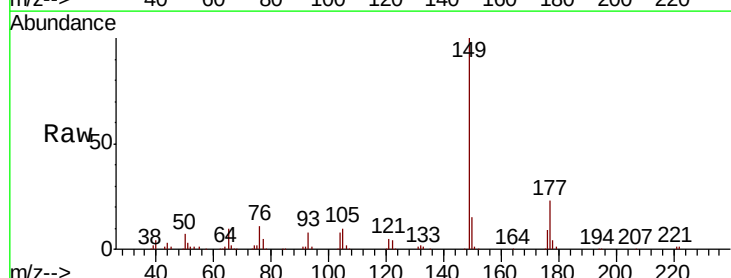
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2019

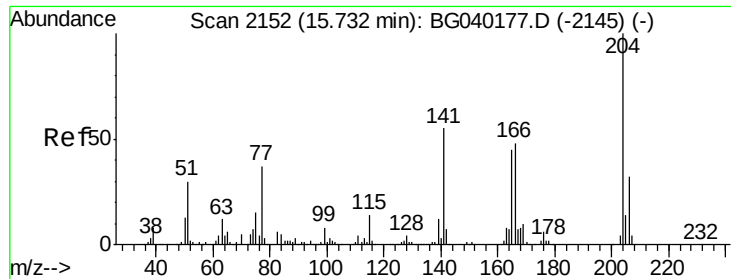
Tgt Ion:	232	Resp:	23633
Ion	Ratio	Lower	Upper
232	100		
131	42.2	32.9	49.3
130	2.2	1.8	2.8
166	29.8	23.5	35.3



#60
 Diethylphthalate
 Concen: 8.729 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. -0.01 min
 Lab File: BG040188.D
 Acq: 28 Mar 2019 1:47

Tgt Ion:	149	Resp:	104563
Ion	Ratio	Lower	Upper
149	100		
177	22.6	19.1	28.7
150	14.6	10.6	15.8

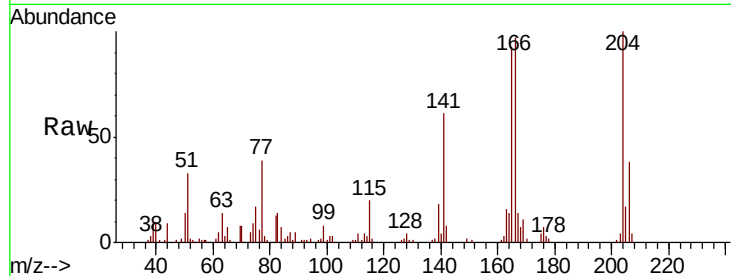




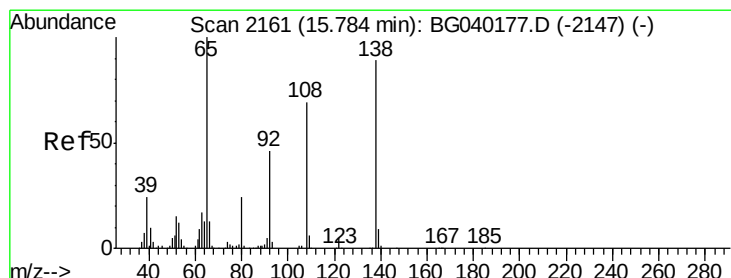
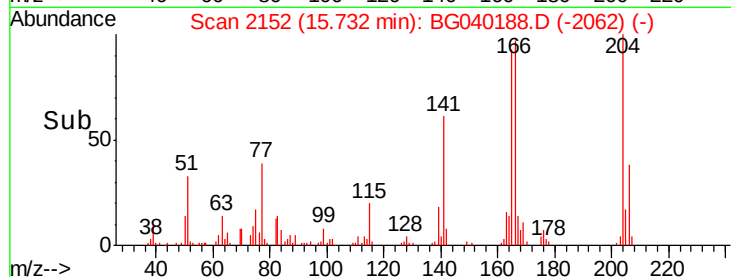
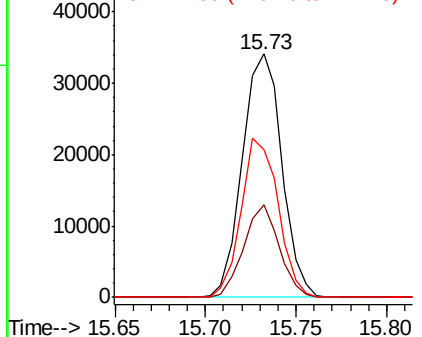
#61
4-Chlorophenyl-phenylether
Concen: 8.666 ng
RT: 15.73 min Scan# 2152
Delta R.T. 0.00 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

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

Tgt Ion: 204 Resp: 51543
Ion Ratio Lower Upper
204 100
206 38.2 25.7 38.5
141 60.6 44.0 66.0

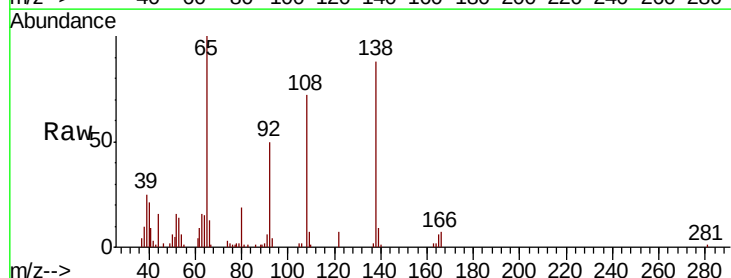


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

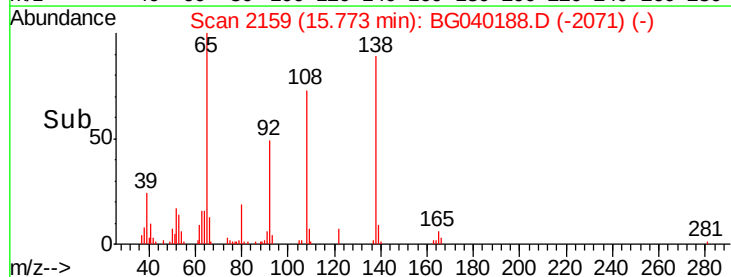
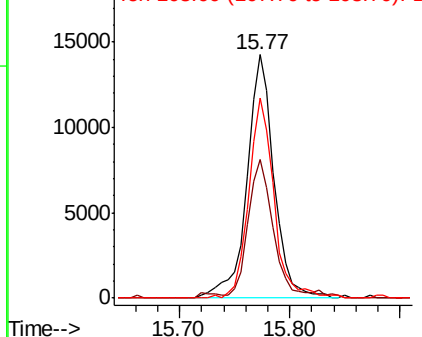


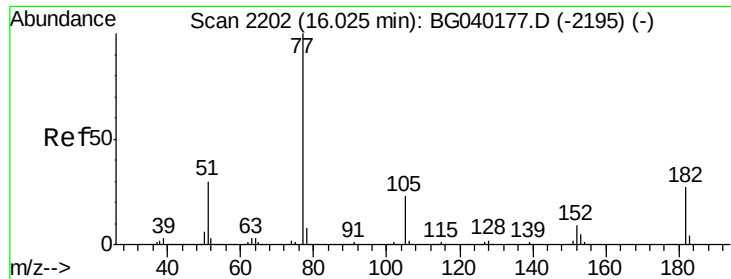
#62
4-Nitroaniline
Concen: 8.183 ng
RT: 15.77 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

Tgt Ion: 138 Resp: 24434
Ion Ratio Lower Upper
138 100
92 56.9 31.8 71.8
108 82.4 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

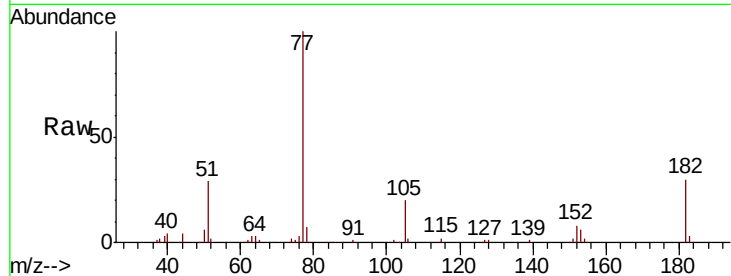




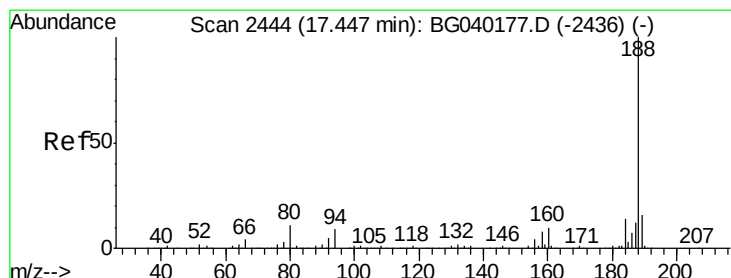
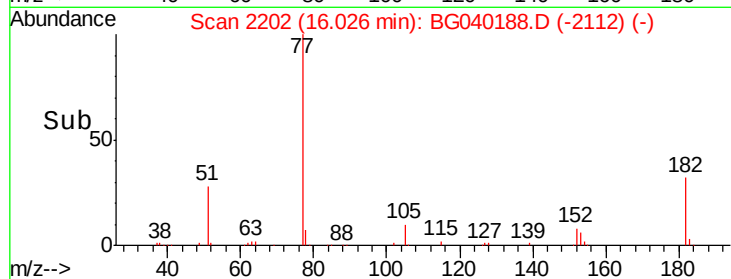
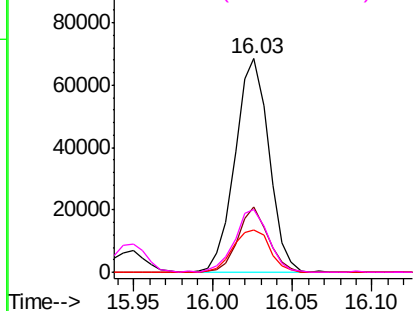
#63
Azobenzene
Concen: 8.987 ng
RT: 16.03 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

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

Tgt Ion:	77	Resp:	101549
Ion	Ratio	Lower	Upper
77	100		
182	30.4	7.2	47.2
105	19.9	2.8	42.8
51	29.3	10.4	50.4

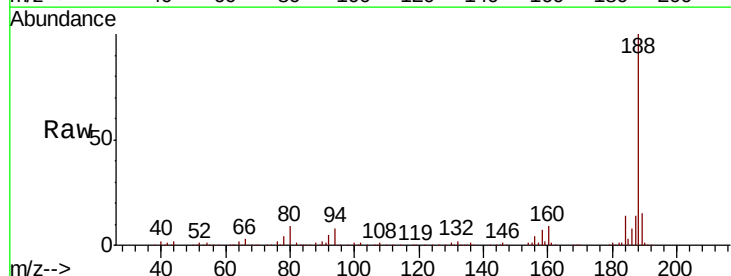


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

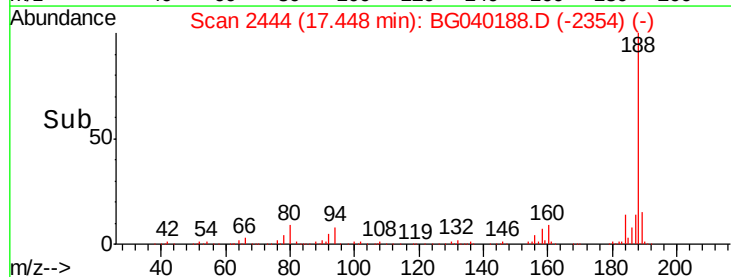
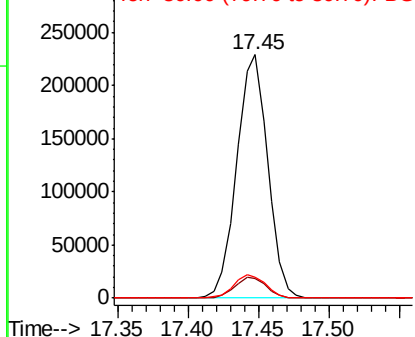


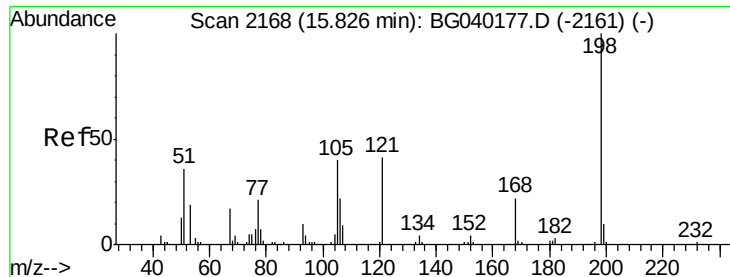
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2444
Delta R.T. 0.00 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

Tgt Ion:	188	Resp:	350849
Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.0	10.4
80	8.6	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

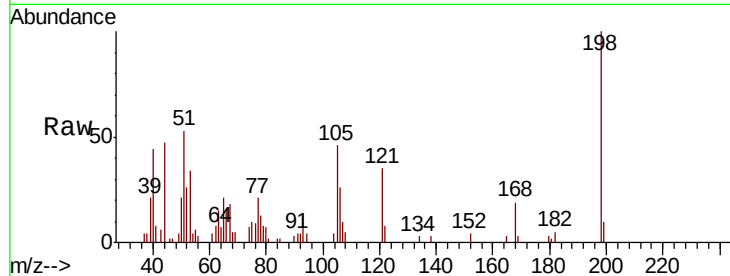




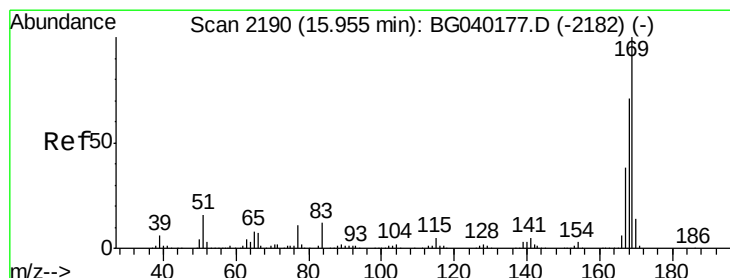
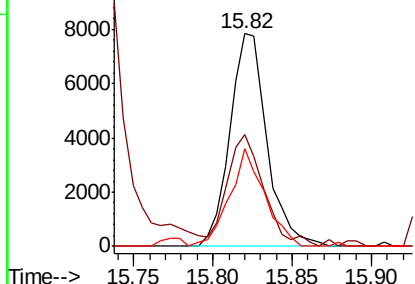
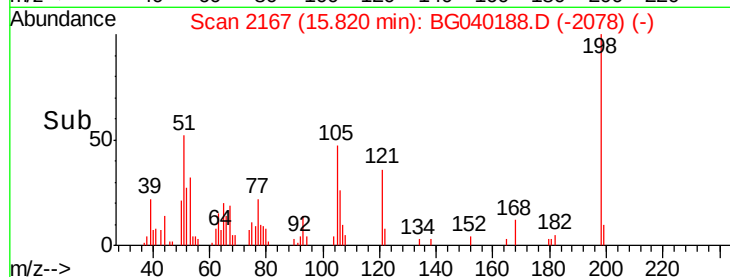
#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.441 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.01 min
 Lab File: BG040188.D
 Acq: 28 Mar 2019 1:47

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

Tgt Ion	Resp	Lower	Upper
198	12697		
51	52.9	27.3	67.3
105	46.3	21.7	61.7

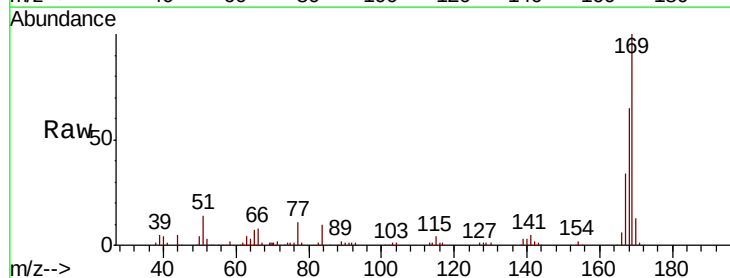


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

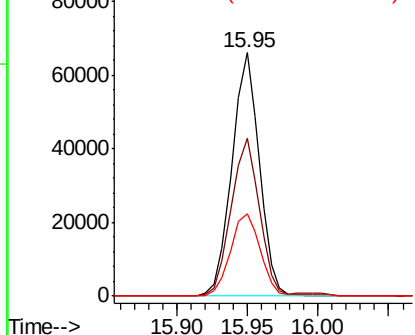
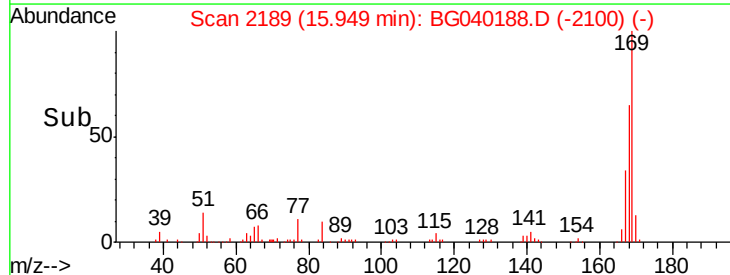


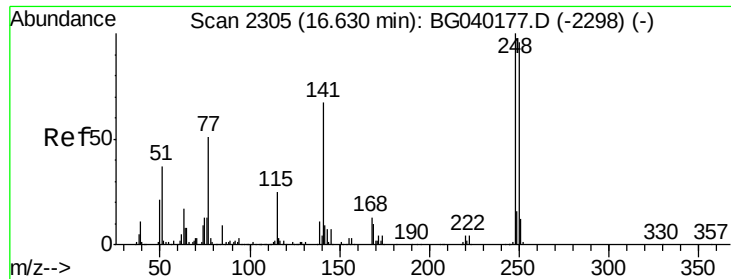
#66
 n-Nitrosodiphenylamine
 Concen: 8.691 ng
 RT: 15.95 min Scan# 2189
 Delta R.T. -0.01 min
 Lab File: BG040188.D
 Acq: 28 Mar 2019 1:47

Tgt Ion	Resp	Lower	Upper
169	89231		
168	65.0	56.8	85.2
167	34.0	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

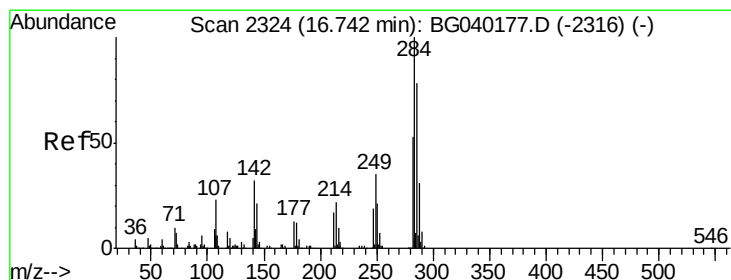
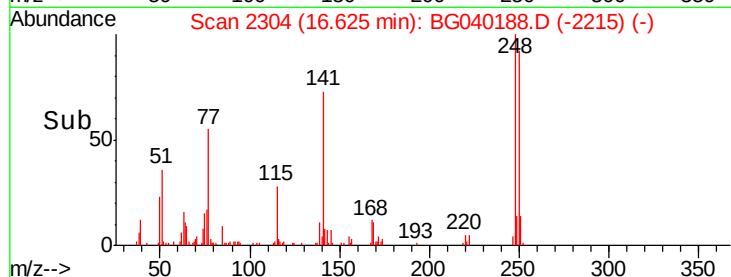
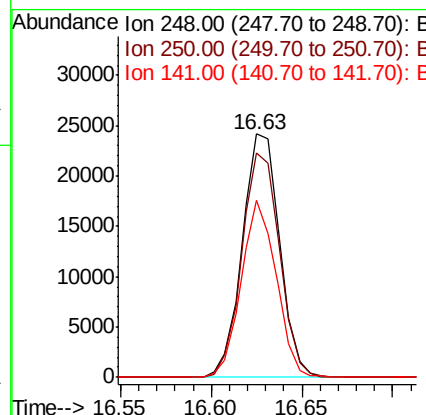
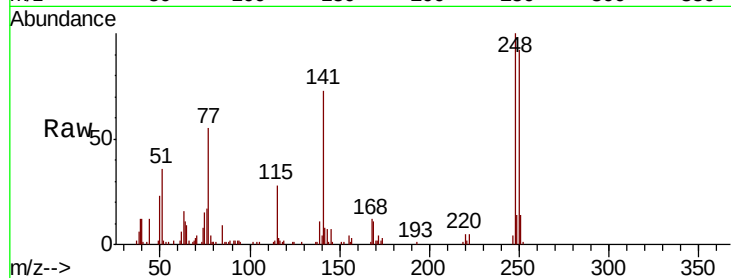




#67
4-Bromophenyl-phenylether
Concen: 8.770 ng
RT: 16.63 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

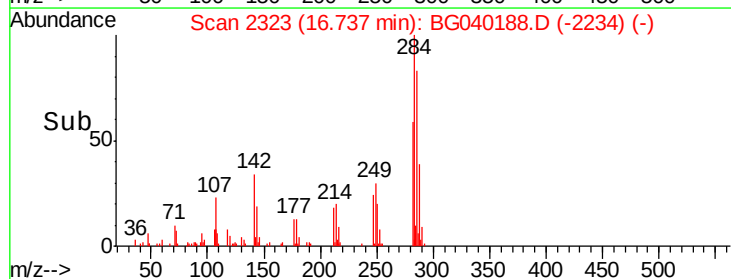
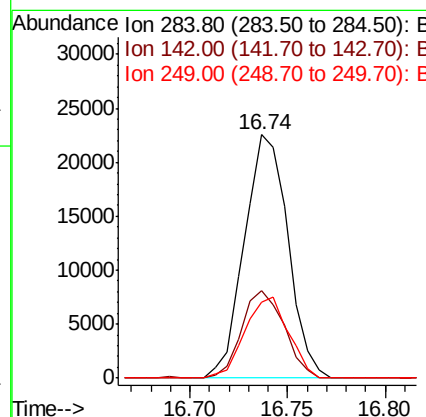
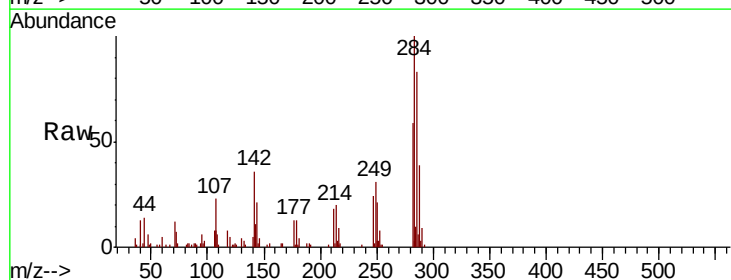
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

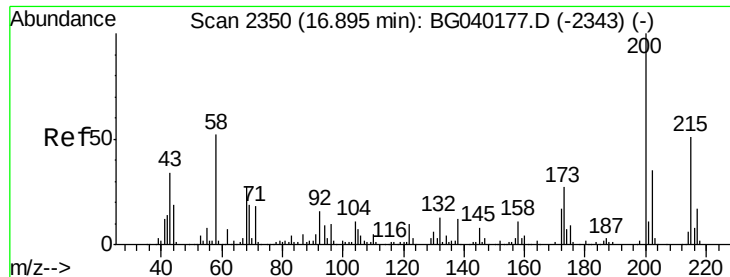
Tgt Ion:248 Resp: 34625
Ion Ratio Lower Upper
248 100
250 92.2 76.4 114.6
141 72.8 53.8 80.8



#68
Hexachlorobenzene
Concen: 8.780 ng
RT: 16.74 min Scan# 2323
Delta R.T. -0.01 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

Tgt Ion:284 Resp: 34855
Ion Ratio Lower Upper
284 100
142 35.8 25.3 37.9
249 31.2 28.2 42.2





#69

Atrazine

Concen: 8.437 ng

RT: 16.88 min Scan# 2348

Delta R.T. -0.01 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

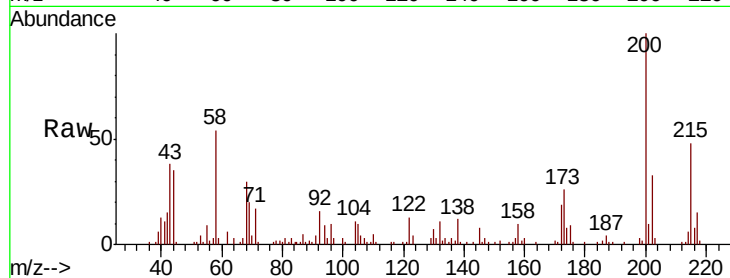
Tgt Ion:200 Resp: 32222

Ion Ratio Lower Upper

200 100

173 26.2 7.1 47.1

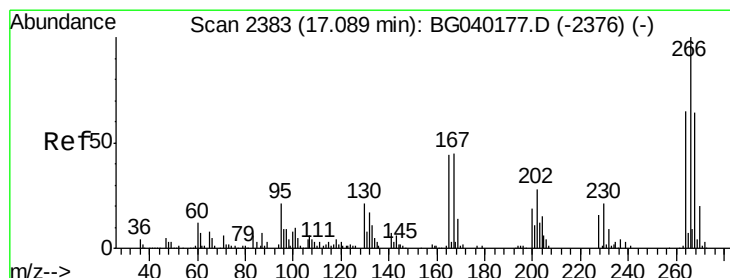
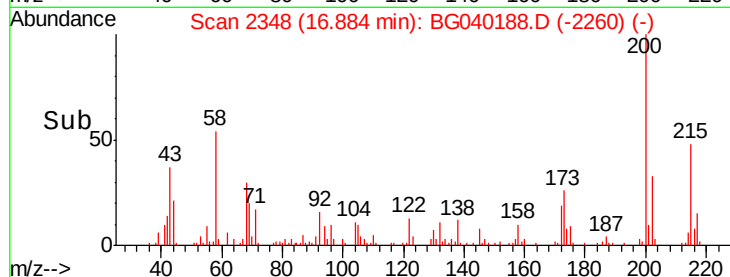
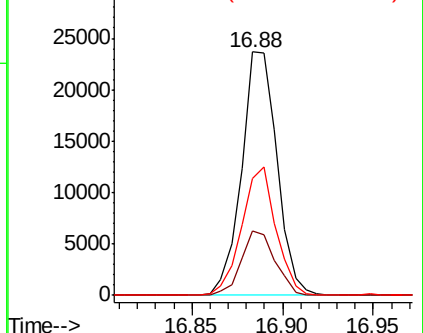
215 48.0 30.9 70.9



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: 6.287 ng

RT: 17.09 min Scan# 2383

Delta R.T. 0.00 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

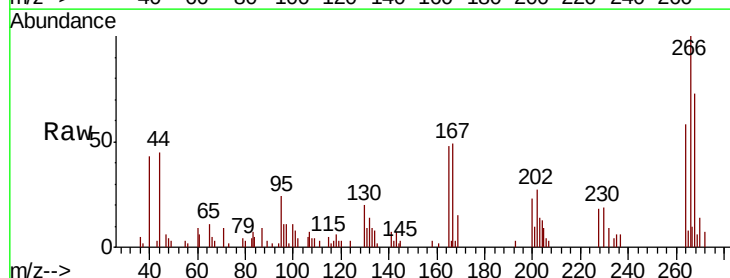
Tgt Ion:266 Resp: 14429

Ion Ratio Lower Upper

266 100

268 72.6 55.0 82.4

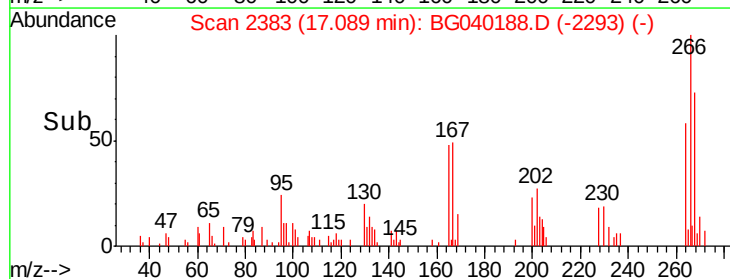
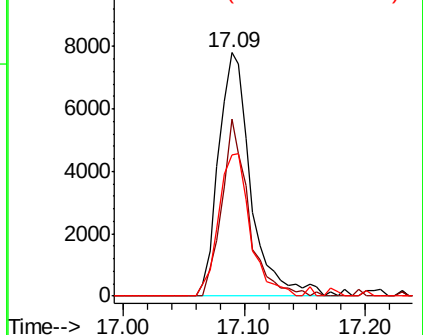
264 58.3 51.8 77.8

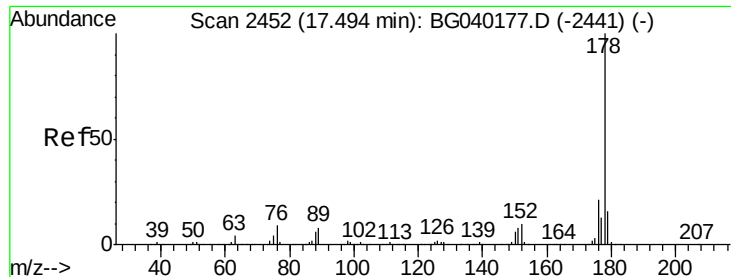


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

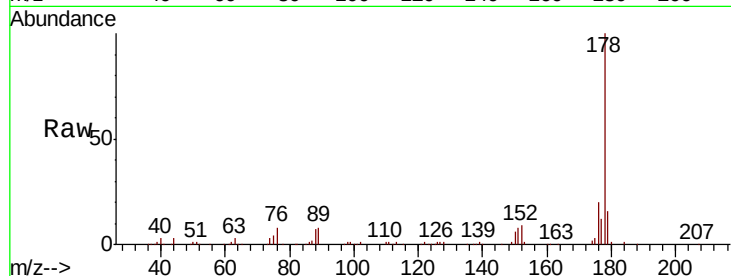




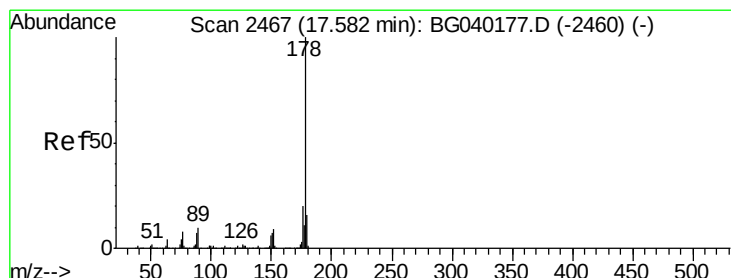
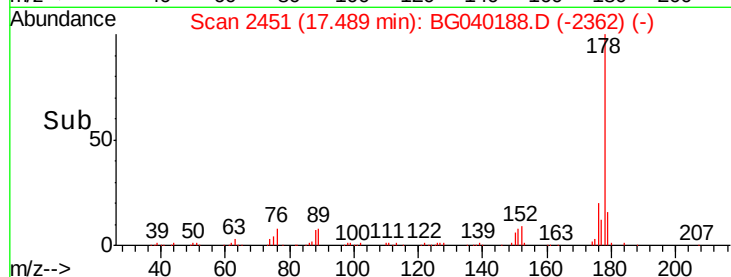
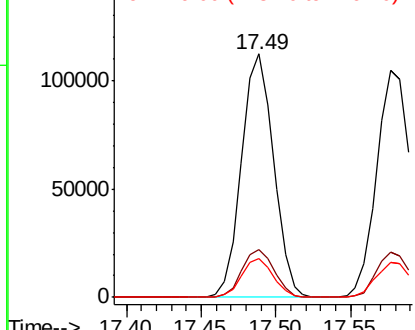
#71
Phenanthrene
Concen: 9.108 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.01 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

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

Tgt Ion:178 Resp: 167962
Ion Ratio Lower Upper
178 100
176 19.6 16.7 25.1
179 15.7 12.8 19.2

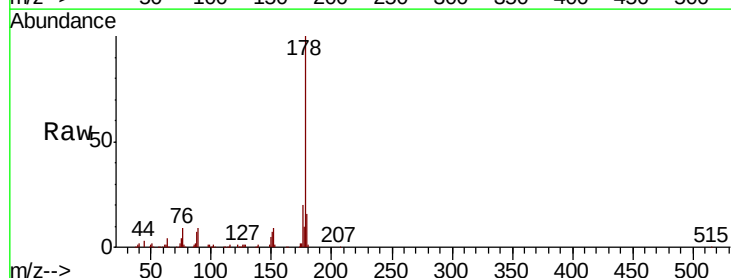


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

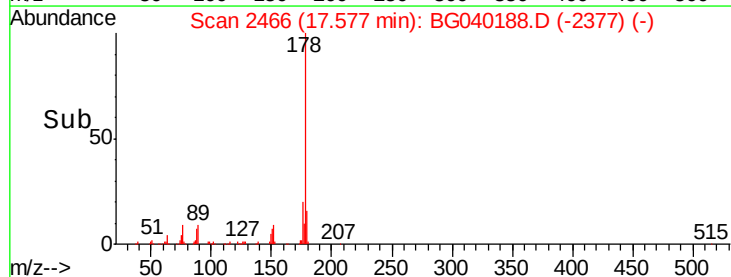
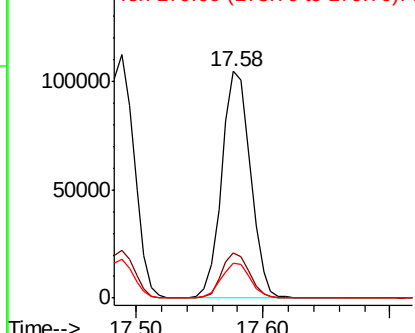


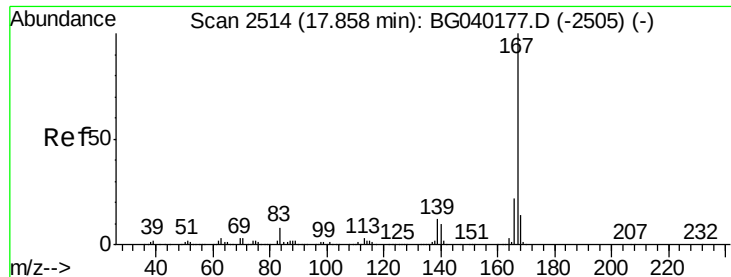
#72
Anthracene
Concen: 8.928 ng
RT: 17.58 min Scan# 2466
Delta R.T. -0.01 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

Tgt Ion:178 Resp: 164804
Ion Ratio Lower Upper
178 100
176 20.0 15.9 23.9
179 15.7 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

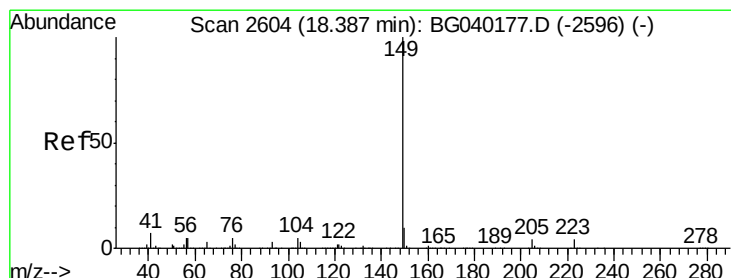
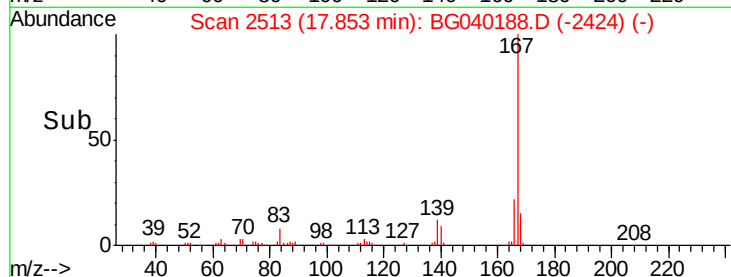
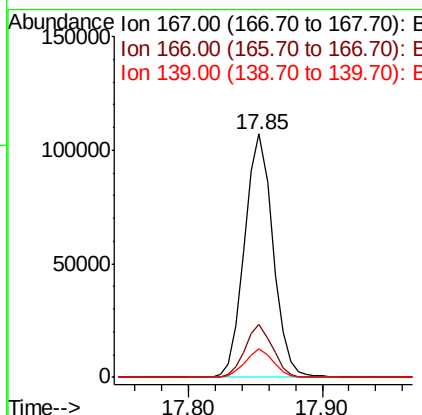
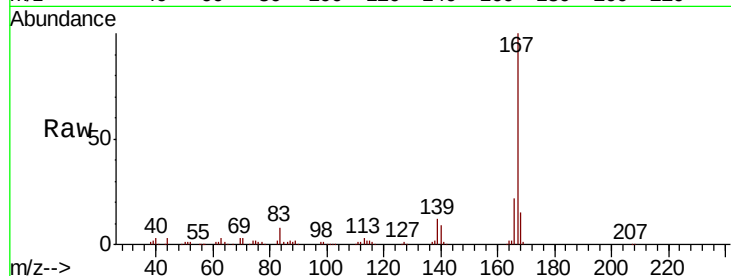




#73
 Carbazole
 Concen: 8.993 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. -0.01 min
 Lab File: BG040188.D
 Acq: 28 Mar 2019 1:47

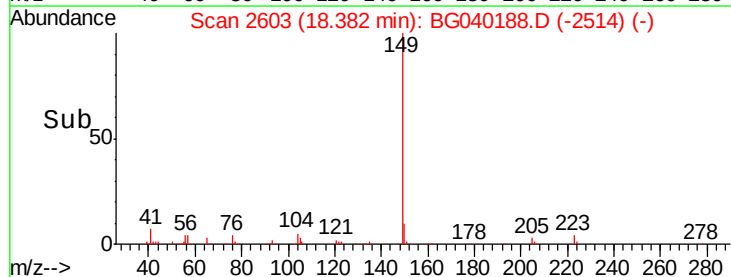
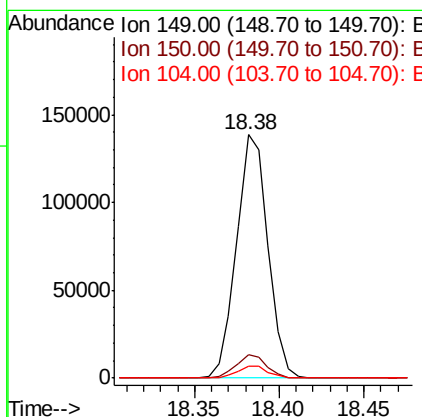
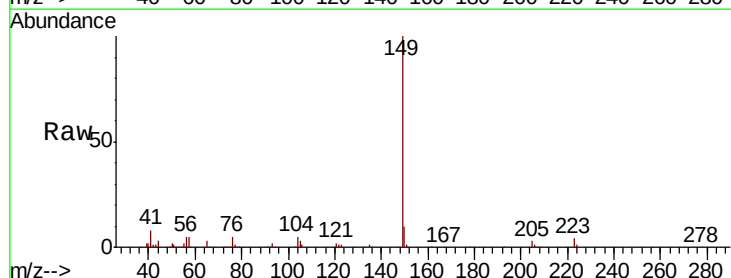
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2019

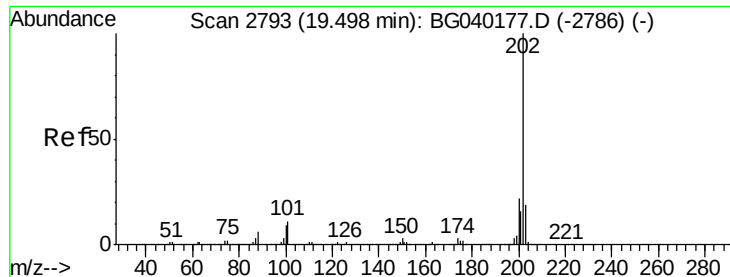
Tgt Ion:167 Resp: 157095
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.5 26.3
 139 11.7 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 8.658 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.01 min
 Lab File: BG040188.D
 Acq: 28 Mar 2019 1:47

Tgt Ion:149 Resp: 179278
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.9 11.9
 104 4.9 4.1 6.1





#75

Fluoranthene

Concen: 9.415 ng

RT: 19.49 min Scan# 2792

Delta R.T. -0.01 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

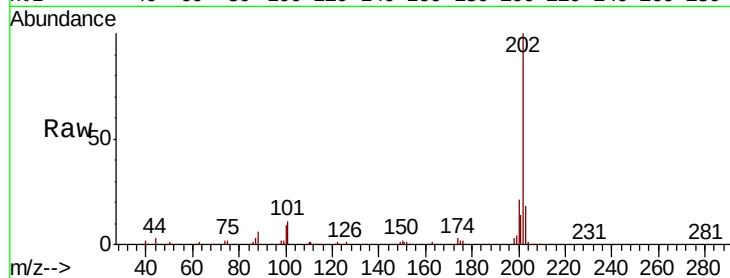
Tgt Ion:202 Resp: 205583

Ion Ratio Lower Upper

202 100

101 10.7 0.0 30.8

203 17.9 0.0 38.9

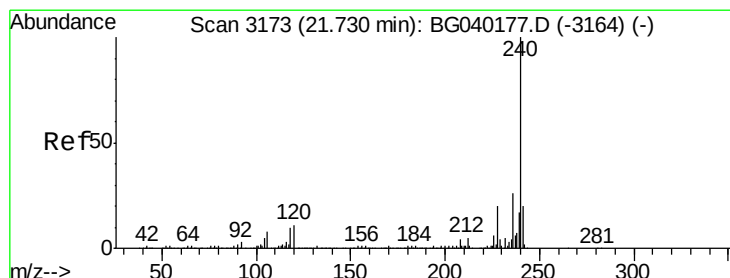
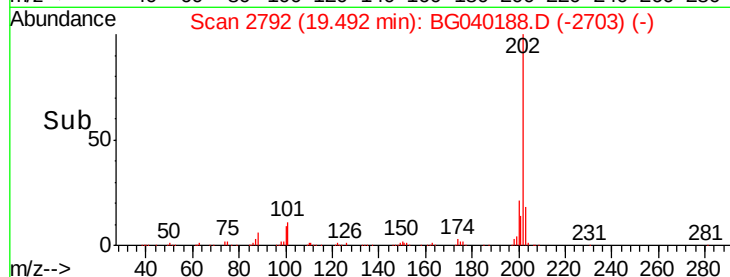
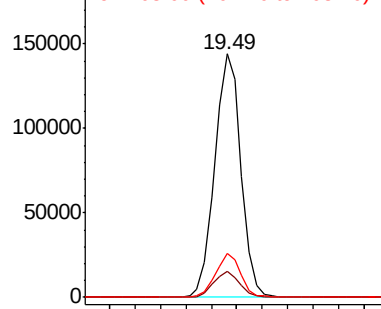


Abundance

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# 3172

Delta R.T. -0.01 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

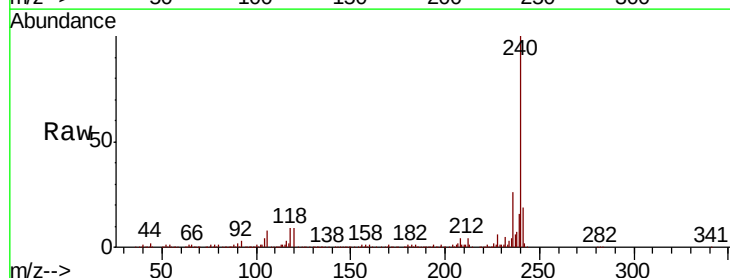
Tgt Ion:240 Resp: 366987

Ion Ratio Lower Upper

240 100

120 9.4 8.4 12.6

236 25.6 20.8 31.2

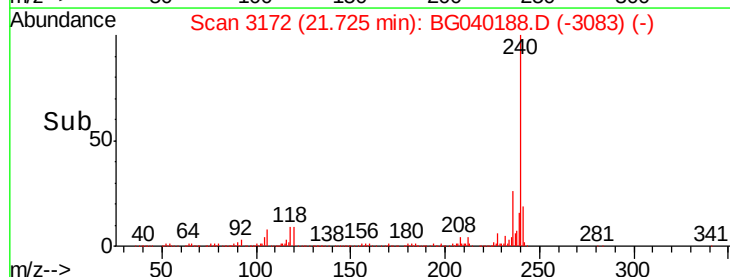
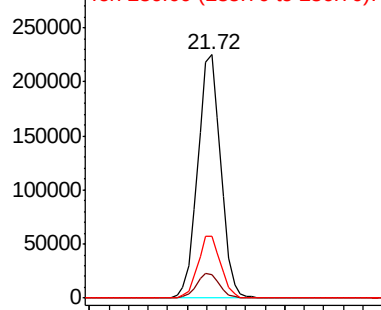


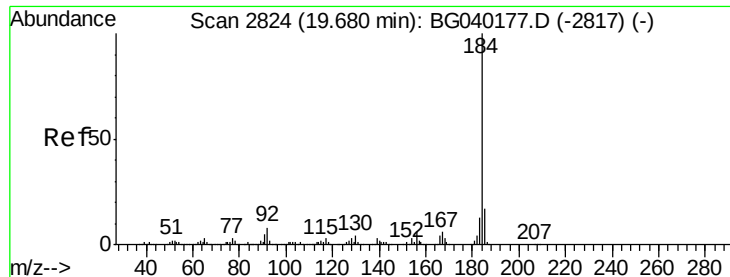
Abundance

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: 6.540 ng

RT: 19.67 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

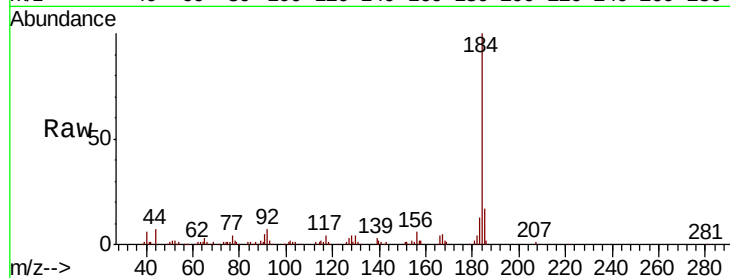
Tgt Ion:184 Resp: 86675

Ion Ratio Lower Upper

184 100

185 17.4 13.3 19.9

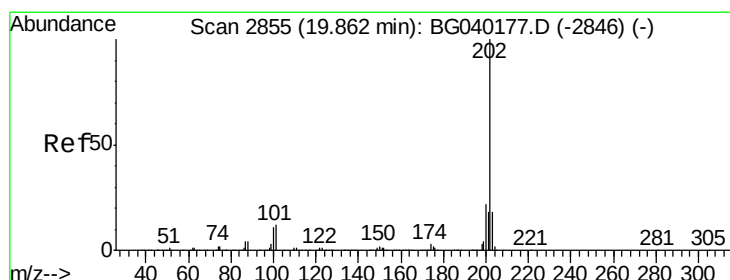
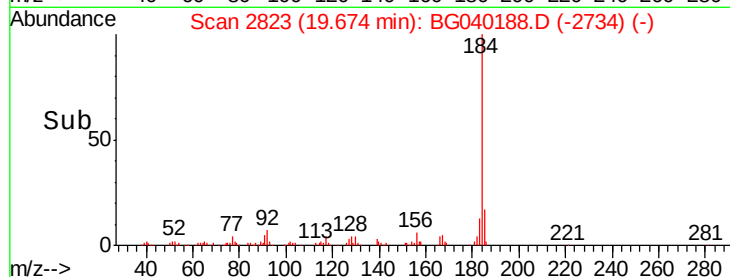
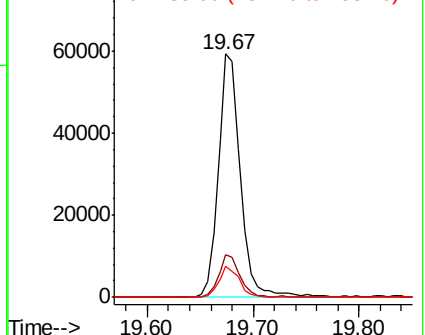
183 12.7 10.3 15.5



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: 8.818 ng

RT: 19.86 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

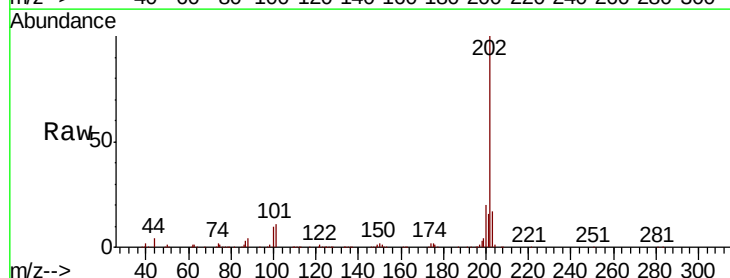
Tgt Ion:202 Resp: 212820

Ion Ratio Lower Upper

202 100

200 20.1 17.3 25.9

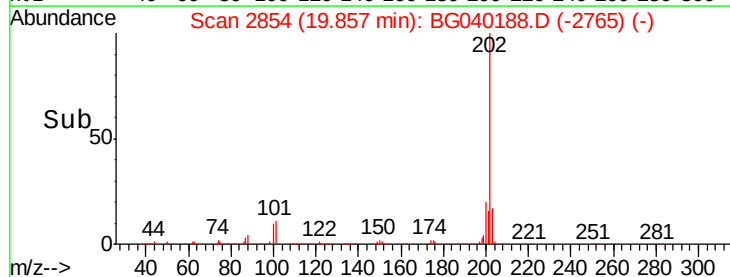
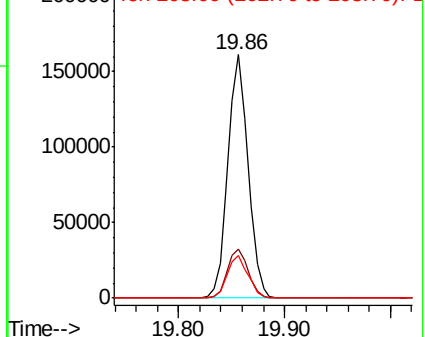
203 17.4 14.6 22.0

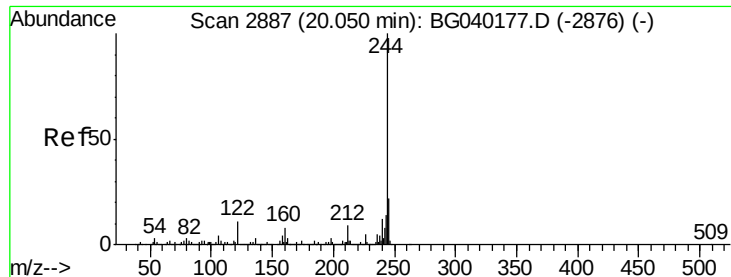


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.016 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.01 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

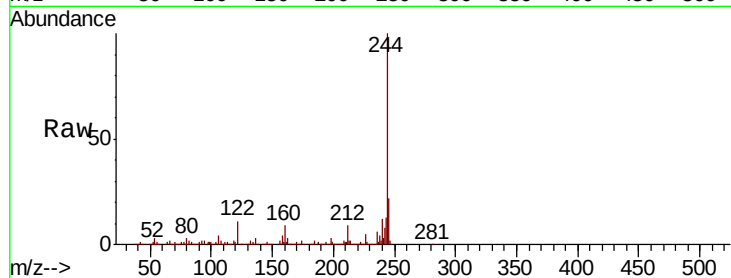
Tgt Ion:244 Resp: 1288989

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.6

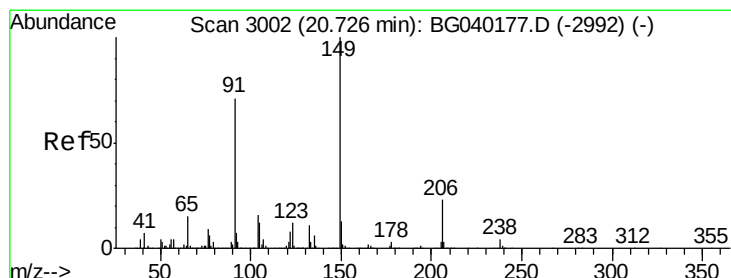
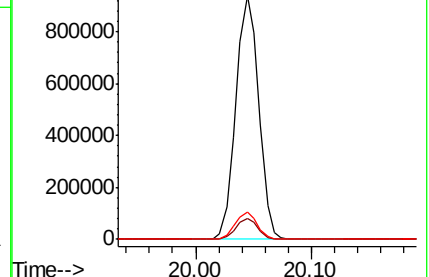
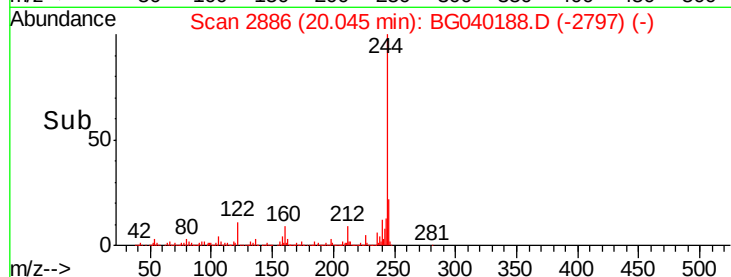
122 11.0 8.5 12.7



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: 7.798 ng

RT: 20.73 min Scan# 3002

Delta R.T. 0.00 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

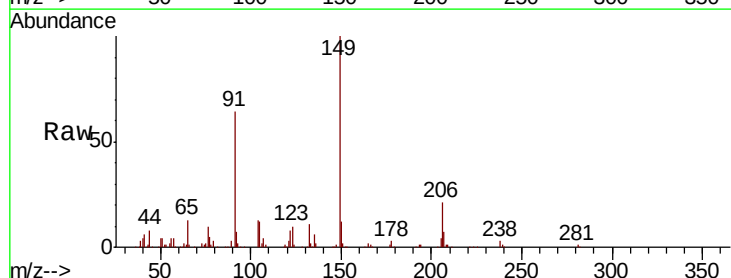
Tgt Ion:149 Resp: 80534

Ion Ratio Lower Upper

149 100

91 63.6 57.0 85.4

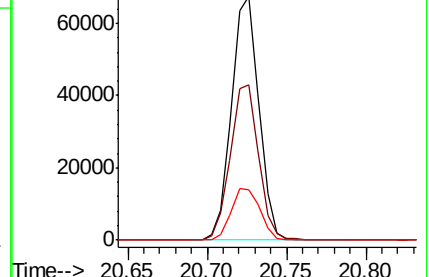
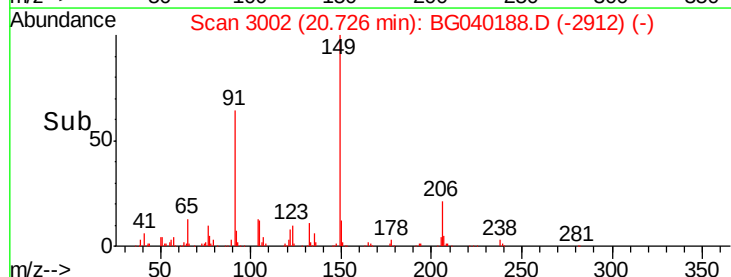
206 20.8 18.2 27.4

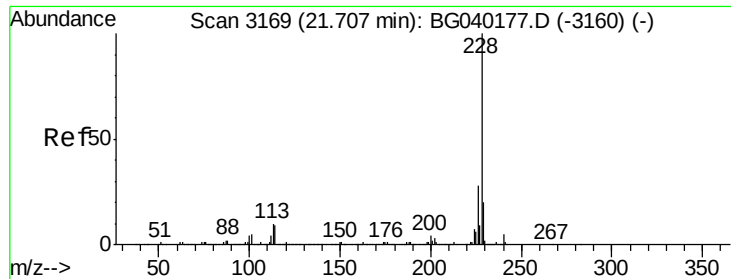


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

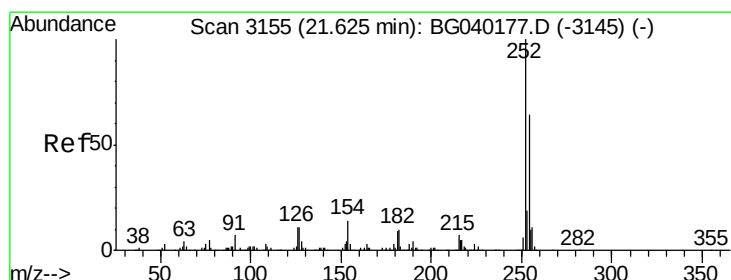
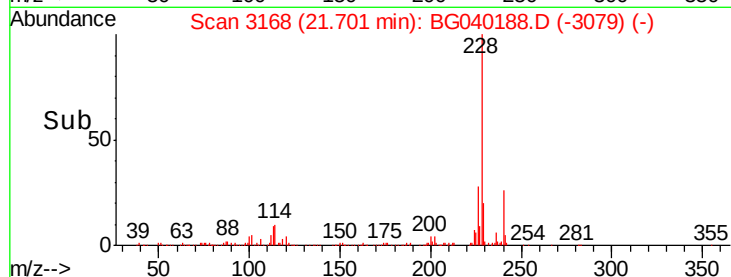
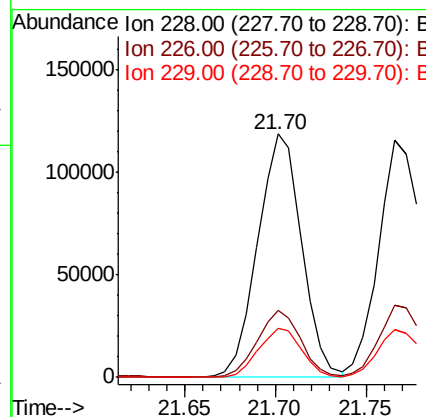
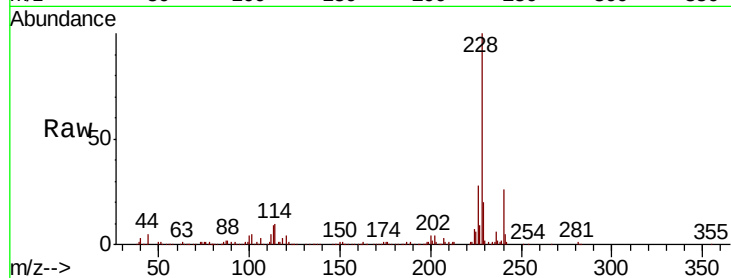




#81
Benzo(a)anthracene
Concen: 8.812 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.01 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

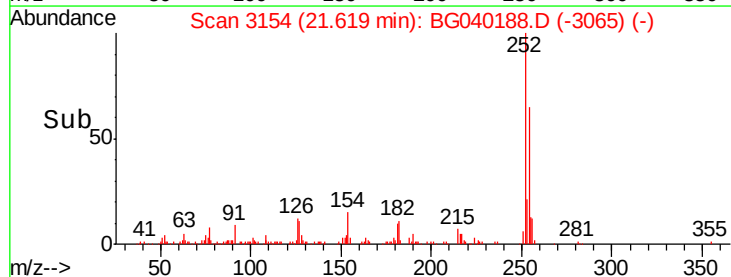
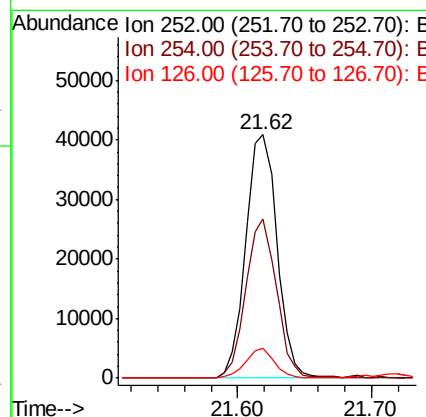
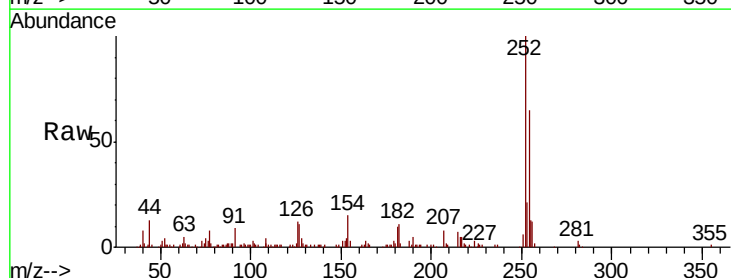
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

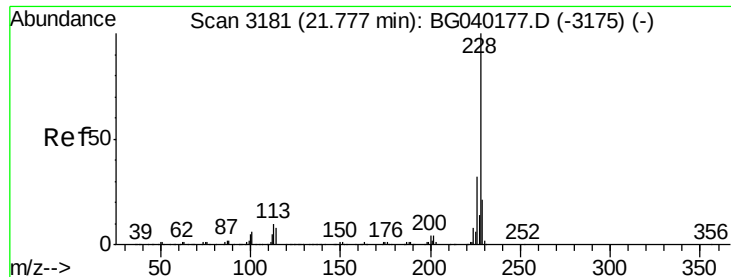
Tgt Ion: 228 Resp: 199196
Ion Ratio Lower Upper
228 100
226 27.7 22.6 34.0
229 20.3 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 7.695 ng
RT: 21.62 min Scan# 3154
Delta R.T. -0.01 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

Tgt Ion: 252 Resp: 66164
Ion Ratio Lower Upper
252 100
254 65.5 51.4 77.2
126 12.1 8.5 12.7





#83

Chrysene

Concen: 8.791 ng

RT: 21.77 min Scan# 3179

Delta R.T. -0.01 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

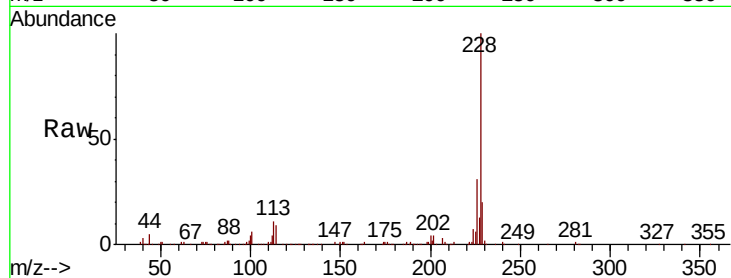
Tgt Ion:228 Resp: 190975

Ion Ratio Lower Upper

228 100

226 30.5 25.4 38.0

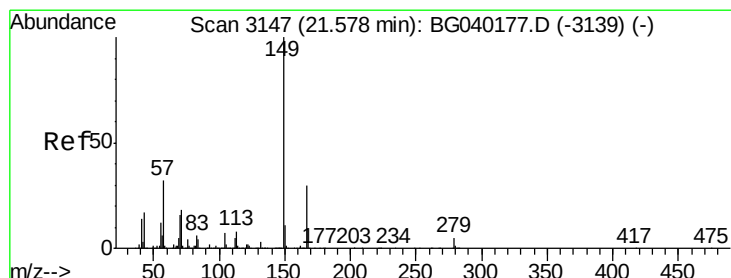
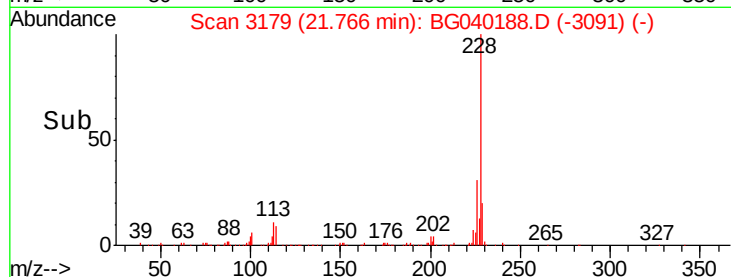
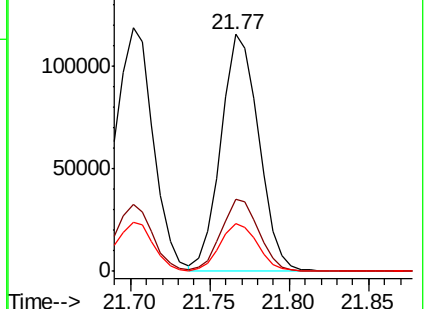
229 20.4 17.0 25.4



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: 7.689 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

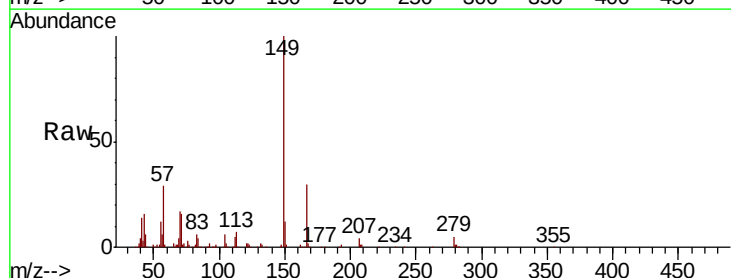
Tgt Ion:149 Resp: 113508

Ion Ratio Lower Upper

149 100

167 29.9 24.1 36.1

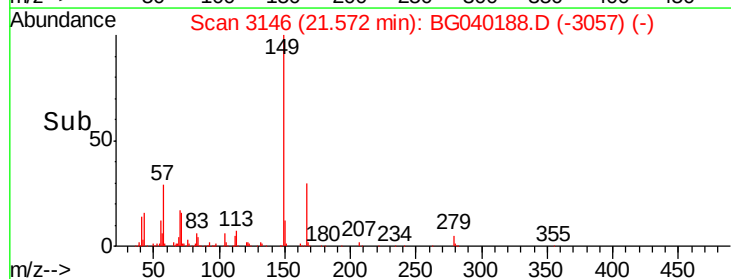
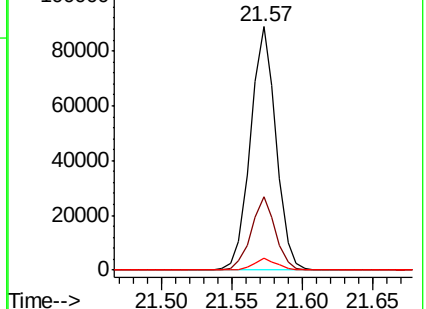
279 5.1 4.1 6.1

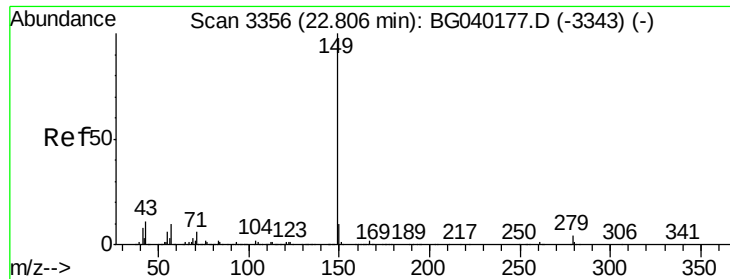


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 7.734 ng

RT: 22.80 min Scan# 3355

Delta R.T. -0.01 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

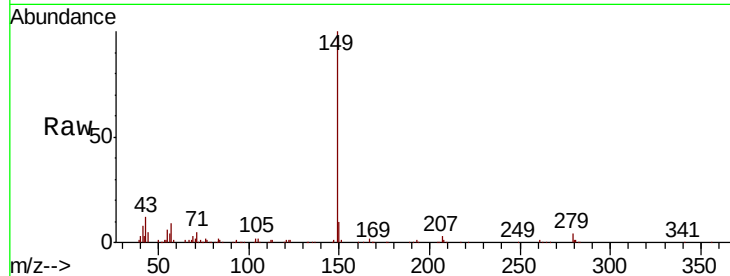
Tgt Ion:149 Resp: 194522

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

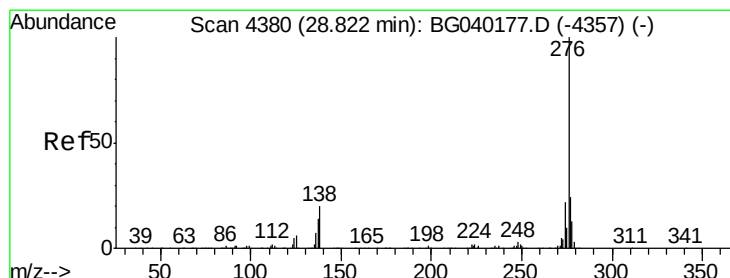
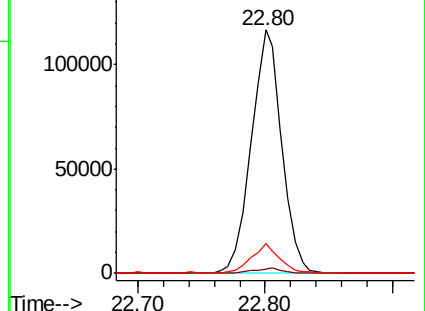
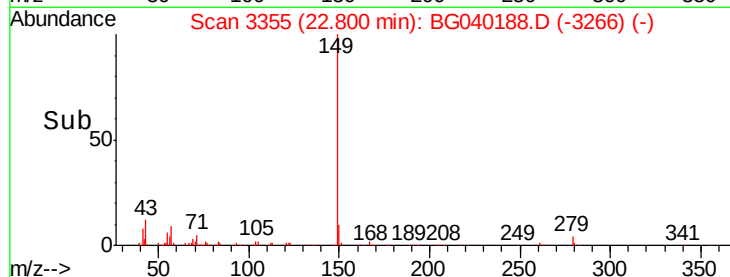
43 11.6 8.7 13.1



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: 7.999 ng

RT: 28.80 min Scan# 4376

Delta R.T. -0.02 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

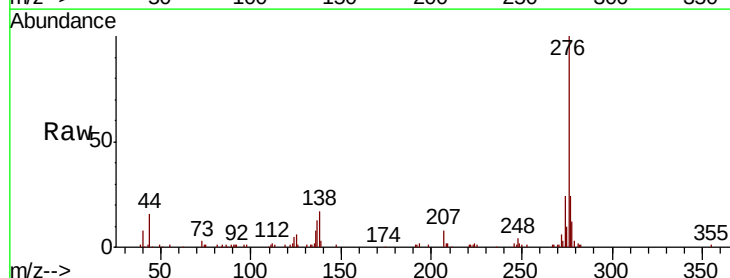
Tgt Ion:276 Resp: 212530

Ion Ratio Lower Upper

276 100

138 9.0 18.8 28.2#

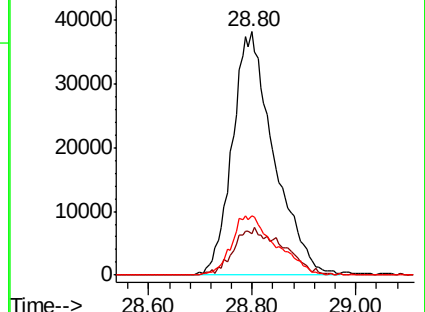
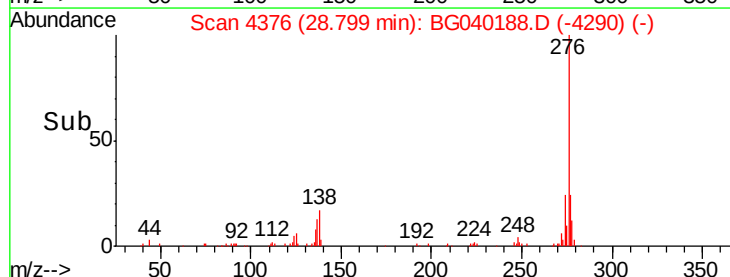
277 26.0 21.0 31.4

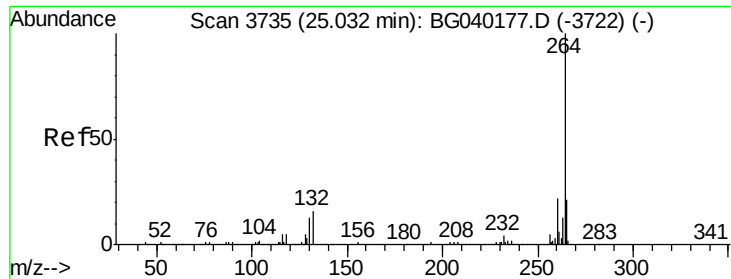


Abundance Ion 276.00 (275.70 to 276.70): E

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: BG040188.D

Acq: 28 Mar 2019 1:47

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

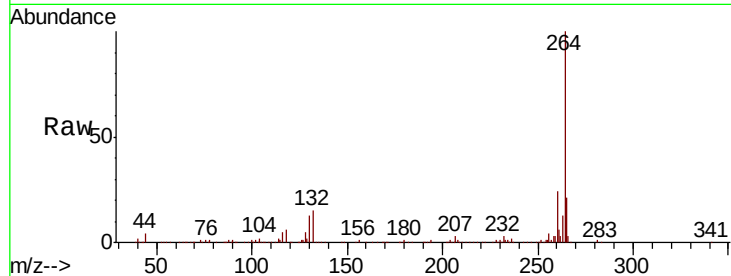
Tgt Ion:264 Resp: 371431

Ion Ratio Lower Upper

264 100

260 23.8 17.9 26.9

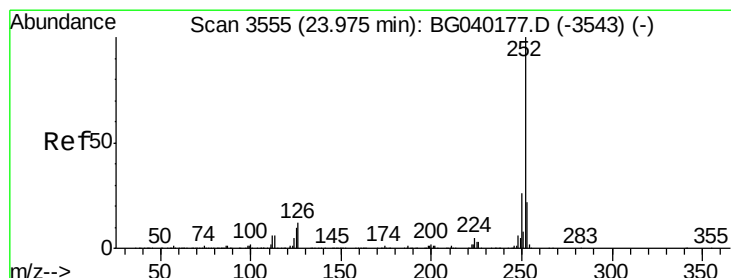
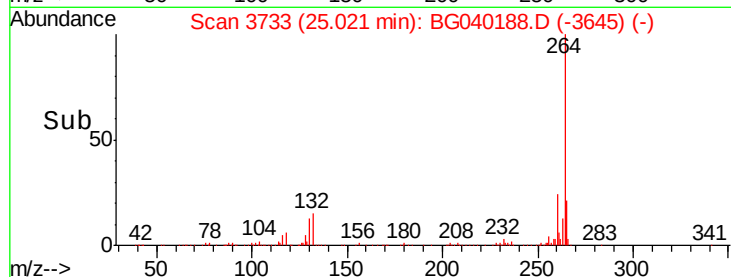
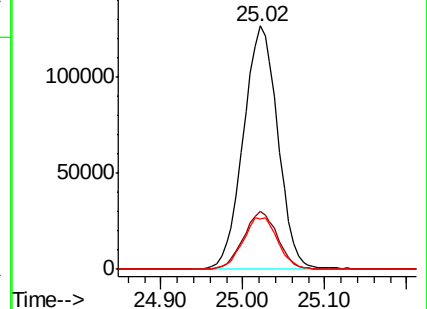
265 20.8 16.8 25.2



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: 8.905 ng

RT: 23.96 min Scan# 3553

Delta R.T. -0.01 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

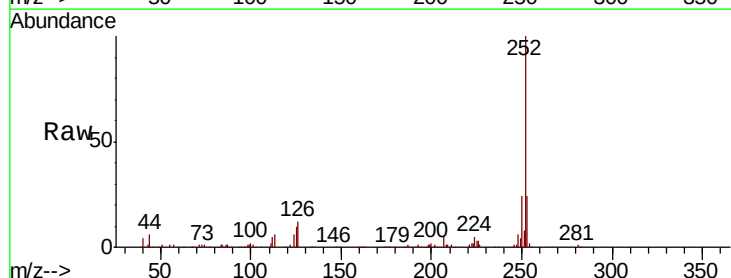
Tgt Ion:252 Resp: 202505

Ion Ratio Lower Upper

252 100

253 23.7 17.6 26.4

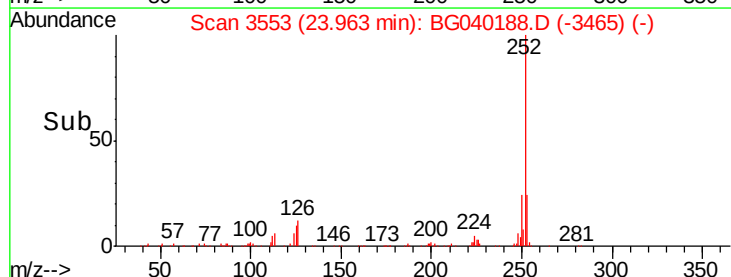
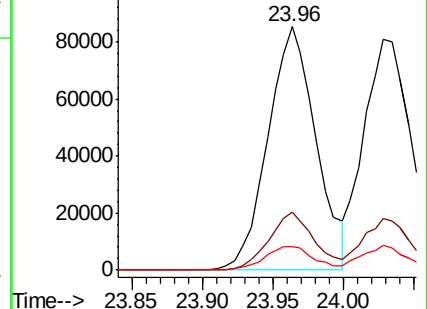
125 9.7 8.2 12.4

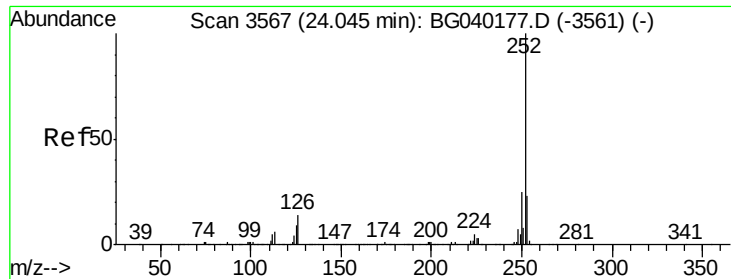


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 9.025 ng

RT: 24.03 min Scan# 3564

Delta R.T. -0.02 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

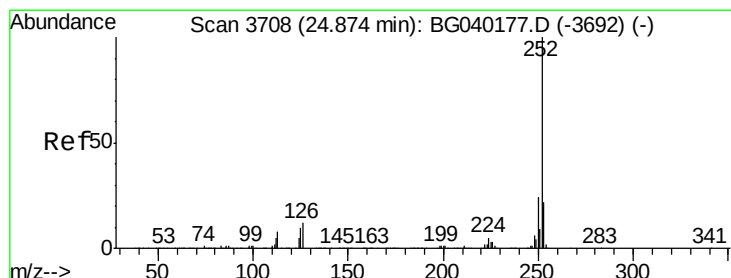
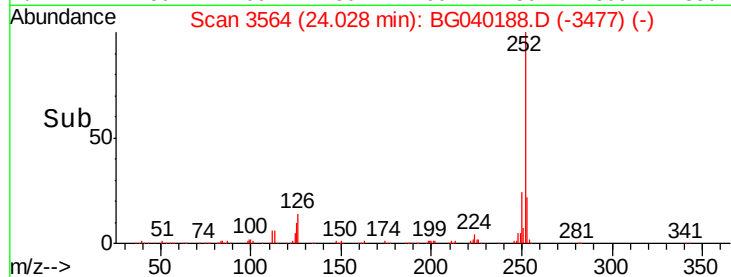
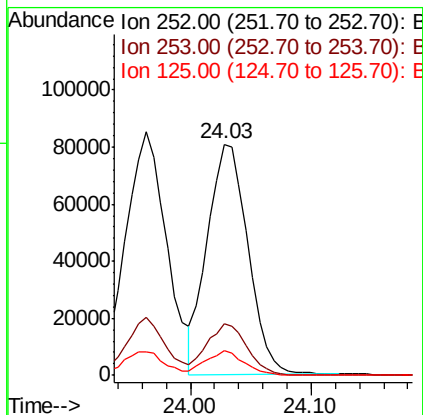
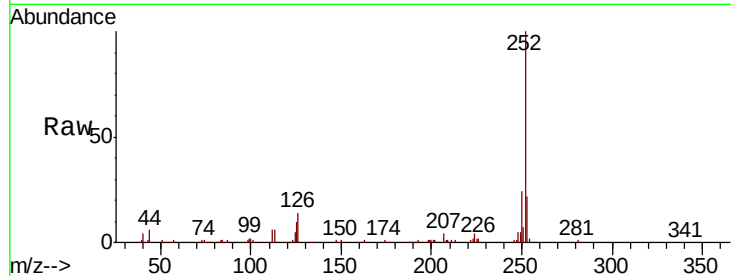
Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

Tgt Ion:	252	Resp:	188725
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.6	28.0
125	10.4	7.3	10.9



#90

Benzo(a)pyrene

Concen: 8.774 ng

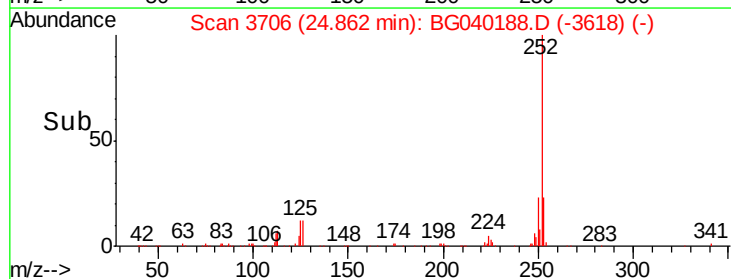
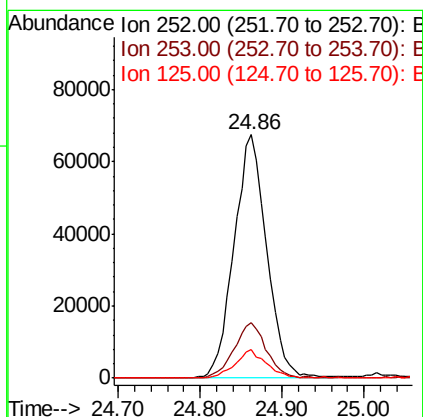
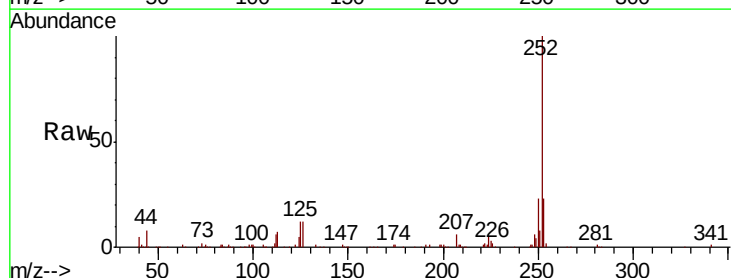
RT: 24.86 min Scan# 3706

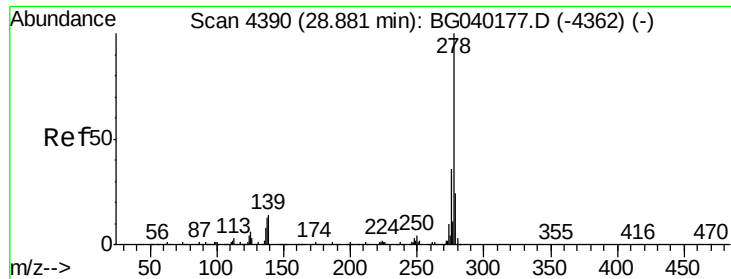
Delta R.T. -0.01 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

Tgt Ion:	252	Resp:	187204
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.8	26.8
125	11.8	8.3	12.5

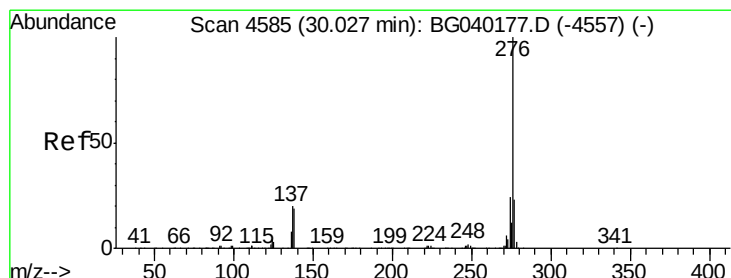
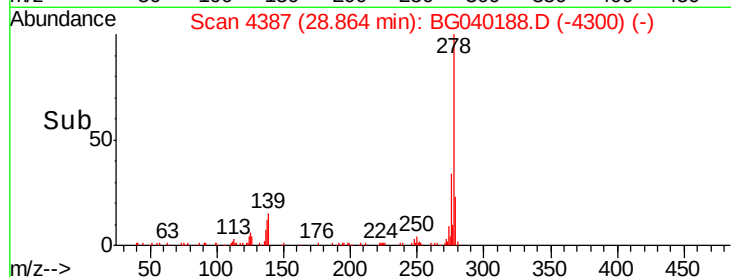
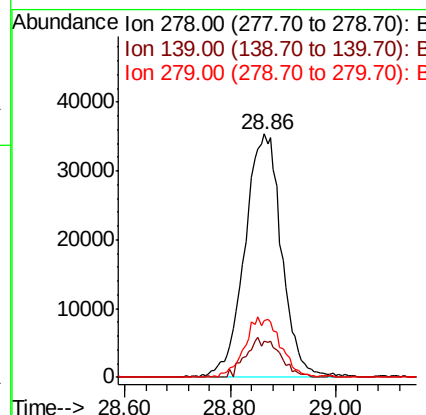
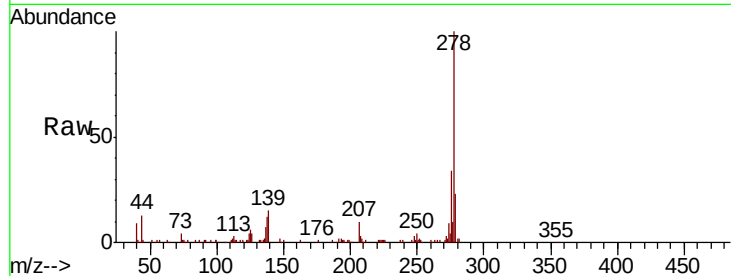




#91
Dibenzo(a,h)anthracene
Concen: 8.639 ng
RT: 28.86 min Scan# 4387
Delta R.T. -0.02 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

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

Tgt Ion: 278 Resp: 171192
Ion Ratio Lower Upper
278 100
139 14.7 11.2 16.8
279 23.2 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 8.484 ng
RT: 29.98 min Scan# 4577
Delta R.T. -0.05 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

Tgt Ion: 276 Resp: 172784
Ion Ratio Lower Upper
276 100
277 20.5 18.6 28.0
138 19.2 15.2 22.8

