

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021116\
 Data File : BG020867.D
 Acq On : 11 Feb 2016 22:05
 Operator : SJ/UM
 Sample : G4825-05
 Misc : LOD 1PPM
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER2016-01

Quant Time: Feb 11 22:46:48 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 11 15:26:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	21090	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	104388	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	66705	20.00	ng	0.00
63) Phenanthrene-d10	17.61	188	139836	20.00	ng	0.00
75) Chrysene-d12	21.90	240	131742	20.00	ng	0.00
86) Perylene-d12	25.28	264	121820	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.80	112	162176	129.50	ng	0.00
7) Phenol-d6	7.41	99	226844	123.93	ng	0.00
23) Nitrobenzene-d5	9.44	82	122919	77.42	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	82923	126.41	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	355209	74.80	ng	0.00
78) Terphenyl-d14	20.20	244	470666	83.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.63	88	274	0.60	ng	# 77
3) Pyridine	4.07	79	526	0.39	ng	# 80
4) n-Nitrosodimethylamine	3.97	42	111	0.31	ng	# 31
6) Aniline	7.59	93	726	0.32	ng	# 48
8) 2-Chlorophenol	7.83	128	1346	0.86	ng	# 89
9) Benzaldehyde	7.39	77	1069	1.17	ng	# 74
10) Phenol	7.43	94	1597	0.82	ng	# 35
11) bis(2-Chloroethyl)ether	7.68	93	983	0.64	ng	# 96
12) 1,3-Dichlorobenzene	8.30	146	1236	0.75	ng	# 96
13) 1,4-Dichlorobenzene	8.30	146	1236	0.74	ng	# 92
14) 1,2-Dichlorobenzene	8.63	146	1219	0.75	ng	# 98
15) Benzyl Alcohol	8.50	79	787	0.68	ng	# 93
16) 2,2'-oxybis(1-Chloropropan	8.79	45	1167	0.72	ng	# 61
17) 2-Methylphenol	8.70	107	942	0.68	ng	# 83
18) Hexachloroethane	9.36	117	262	0.45	ng	# 52
19) n-Nitroso-di-n-propylamine	9.06	70	681	0.58	ng	# 67
20) 3+4-Methylphenols	9.03	107	1499	0.77	ng	# 89
22) Acetophenone	9.09	105	1640	0.65	ng	# 97
24) Nitrobenzene	9.48	77	1174	0.71	ng	# 80
25) Isophorone	10.00	82	2390	0.71	ng	# 94
26) 2-Nitrophenol	10.20	139	446	0.51	ng	# 43
27) 2,4-Dimethylphenol	10.24	122	773	0.46	ng	# 91
28) bis(2-Chloroethoxy)methane	10.48	93	1496	0.73	ng	# 85
29) 2,4-Dichlorophenol	10.73	162	1026	0.69	ng	# 98
30) 1,2,4-Trichlorobenzene	10.95	180	958	0.64	ng	# 75
31) Naphthalene	11.14	128	4202	0.78	ng	# 93
32) Benzoic acid	10.24	122	773	0.58	ng	# 1
33) 4-Chloroaniline	11.25	127	1039	0.45	ng	# 86
34) Hexachlorobutadiene	11.42	225	462	0.60	ng	# 49
35) Caprolactam	12.00	113	112	0.20	ng	# 55
36) 4-Chloro-3-methylphenol	12.34	107	1208	0.70	ng	# 89
37) 2-Methylnaphthalene	12.73	142	3134	0.83	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	1308	0.67	ng	# 85
42) 2,4,6-Trichlorophenol	13.39	196	844	0.64	ng	# 99

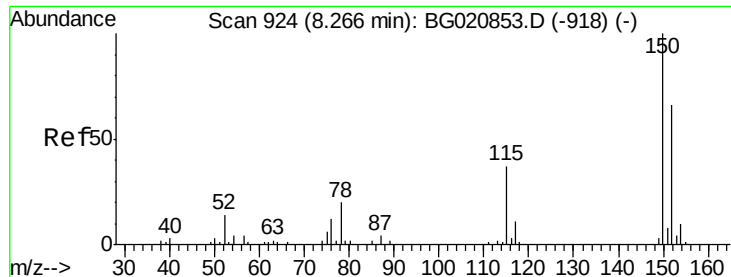
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021116\
 Data File : BG020867.D
 Acq On : 11 Feb 2016 22:05
 Operator : SJ/UM
 Sample : G4825-05
 Misc : LOD 1PPM
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER2016-01

Quant Time: Feb 11 22:46:48 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 11 15:26:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.39	196	844	0.61	ng	98
45) 1,1'-Biphenyl	13.71	154	4088	0.69	ng	94
46) 2-Chloronaphthalene	13.77	162	2973	0.71	ng #	91
47) 2-Nitroaniline	13.96	65	673	0.67	ng	83
48) Acenaphthylene	14.60	152	5144	0.70	ng #	94
49) Dimethylphthalate	14.32	163	3714	0.71	ng #	96
50) 2,6-Dinitrotoluene	14.44	165	684	0.61	ng	94
51) Acenaphthene	14.94	154	3018	0.68	ng	93
52) 3-Nitroaniline	14.78	138	755	0.58	ng #	81
54) Dibenzofuran	15.28	168	4969	0.85	ng	96
55) 4-Nitrophenol	15.06	139	282	0.29	ng #	38
56) 2,4-Dinitrotoluene	15.22	165	746	0.52	ng #	93
57) Fluorene	15.92	166	3828	0.71	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.49	232	613	0.58	ng #	77
59) Diethylphthalate	15.68	149	3758	0.70	ng #	87
60) 4-Chlorophenyl-phenylether	15.91	204	1789	0.74	ng #	87
61) 4-Nitroaniline	15.92	138	605	0.46	ng #	79
62) Azobenzene	16.20	77	3252	0.77	ng	97
65) n-Nitrosodiphenylamine	16.12	169	3325	0.74	ng	94
66) 4-Bromophenyl-phenylether	16.80	248	983	0.67	ng	93
67) Hexachlorobenzene	16.92	284	1106	0.70	ng #	85
68) Atrazine	17.05	200	919	0.67	ng	95
69) Pentachlorophenol	17.27	266	66	0.07	ng #	20
70) Phenanthrene	17.66	178	6245	0.78	ng #	93
71) Anthracene	17.75	178	5944	0.74	ng	94
72) Carbazole	18.01	167	5248	0.72	ng	99
73) Di-n-butylphthalate	18.55	149	6237	0.67	ng	99
74) Fluoranthene	19.65	202	6138	0.71	ng	97
76) Benzidine	19.82	184	183	0.04	ng #	64
77) Pyrene	20.01	202	6550	0.75	ng	95
79) Butylbenzylphthalate	20.88	149	2598	0.62	ng	90
80) Benzo(a)anthracene	21.94	228	5375	0.68	ng	99
81) 3,3'-Dichlorobenzidine	21.78	252	1282	0.44	ng #	91
82) Chrysene	21.94	228	5375	0.73	ng	96
83) Bis(2-ethylhexyl)phthalate	21.76	149	4197	0.68	ng #	97
84) Di-n-octyl phthalate	23.03	149	6867	0.68	ng #	93
85) Indeno(1,2,3-cd)pyrene	29.15	276	5708	0.67	ng #	62
87) Benzo(b)fluoranthene	24.26	252	5423	0.73	ng	98
88) Benzo(k)fluoranthene	24.26	252	5423	0.74	ng	98
89) Benzo(a)pyrene	25.12	252	5058	0.71	ng	98
90) Dibenzo(a,h)anthracene	29.21	278	4331	0.63	ng	97
91) Benzo(g,h,i)perylene	30.36	276	4693	0.68	ng #	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 924

Delta R.T. 0.00 min

Lab File: BG020867.D

Acq: 11 Feb 2016 22:05

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2016-01

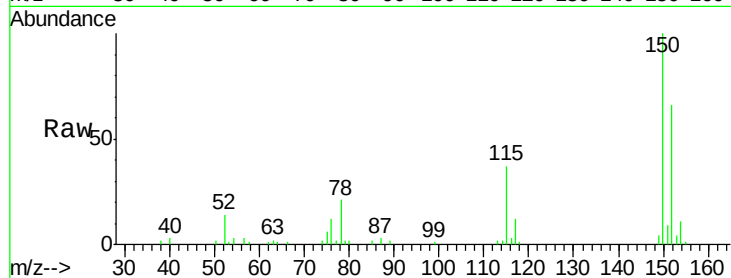
Tgt Ion:152 Resp: 21090

Ion Ratio Lower Upper

152 100

150 151.0 122.0 183.0

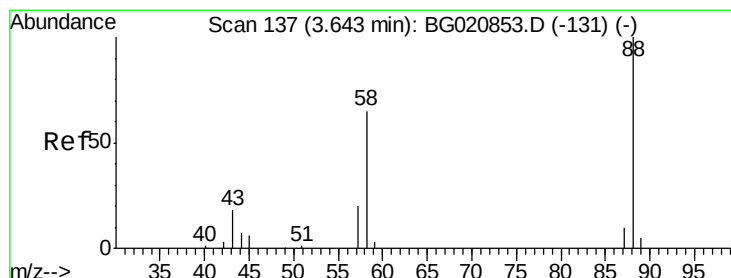
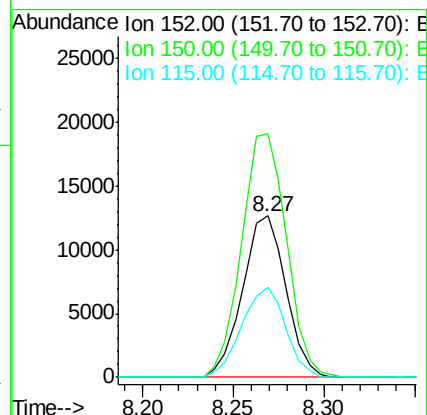
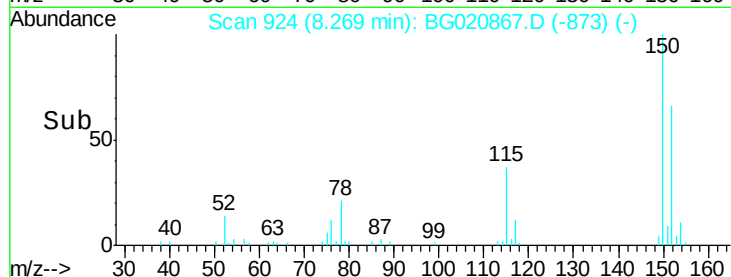
115 56.0 45.2 67.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.60 ng

RT: 3.63 min Scan# 135

Delta R.T. -0.01 min

Lab File: BG020867.D

Acq: 11 Feb 2016 22:05

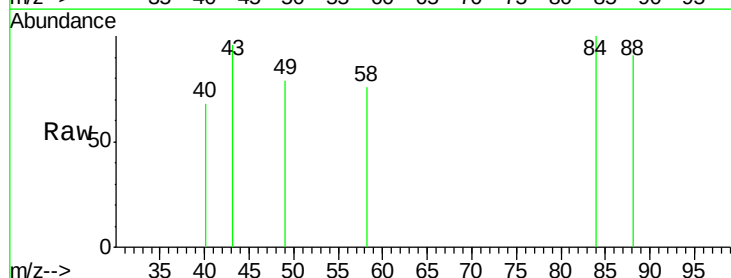
Tgt Ion: 88 Resp: 274

Ion Ratio Lower Upper

88 100

58 76.3 50.3 75.5#

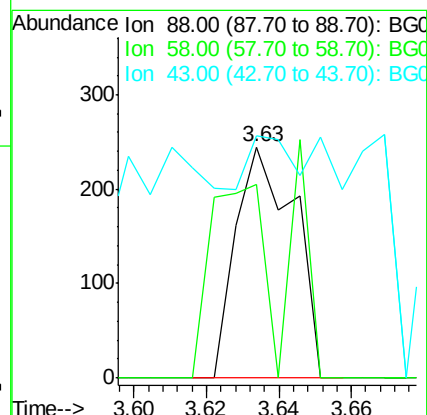
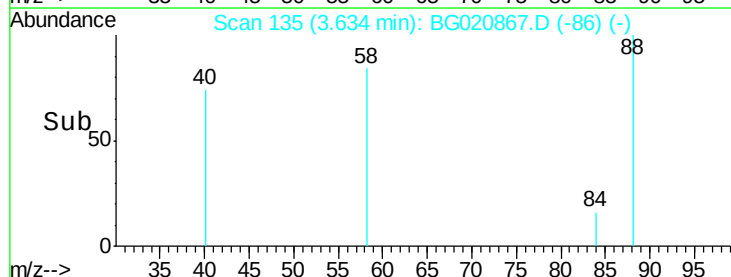
43 0.0 14.5 21.7#

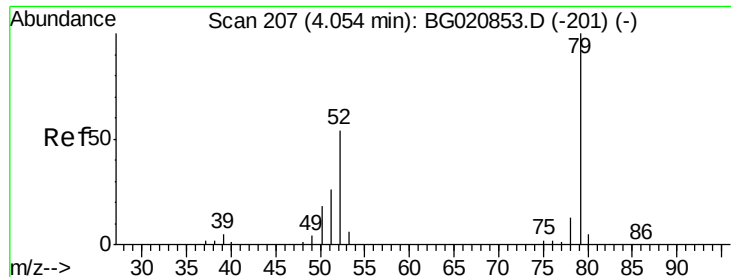


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 0.39 ng

RT: 4.07 min Scan# 209

Delta R.T. 0.01 min

Lab File: BG020867.D

Acq: 11 Feb 2016 22:05

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2016-01

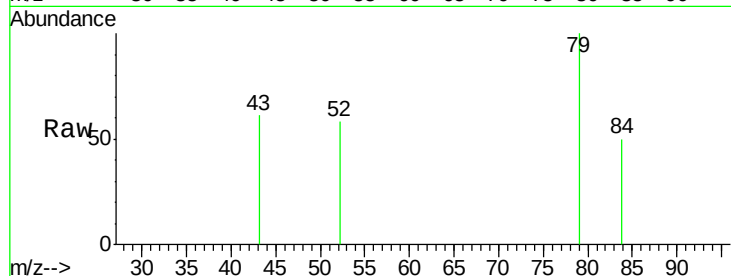
Tgt Ion: 79 Resp: 526

Ion Ratio Lower Upper

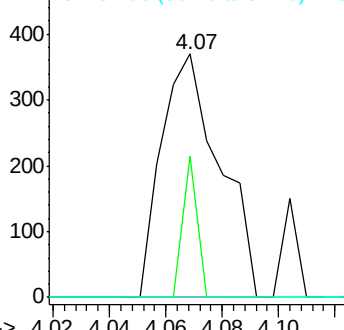
79 100

52 58.1 43.1 64.7

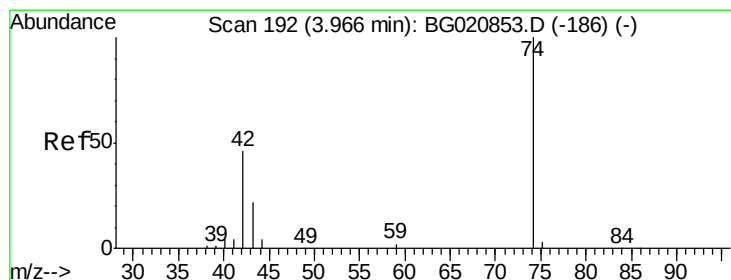
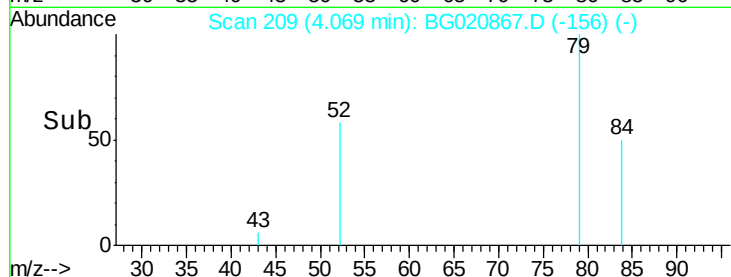
51 0.0 20.7 31.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



Time--> 4.02 4.04 4.06 4.08 4.10



#4

n-Nitrosodimethylamine

Concen: 0.31 ng

RT: 3.97 min Scan# 193

Delta R.T. 0.01 min

Lab File: BG020867.D

Acq: 11 Feb 2016 22:05

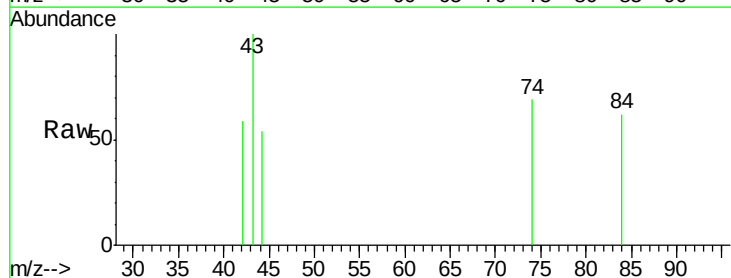
Tgt Ion: 42 Resp: 111

Ion Ratio Lower Upper

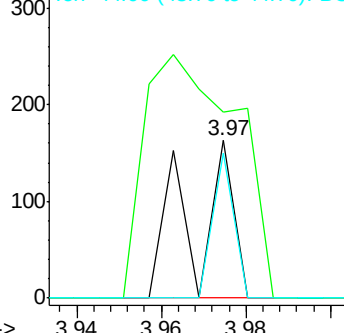
42 100

74 117.8 173.8 260.6#

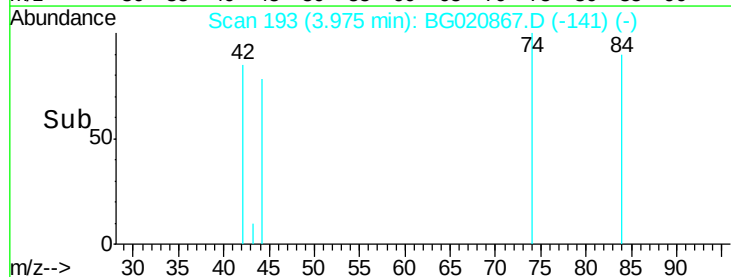
44 92.0 6.3 9.5#

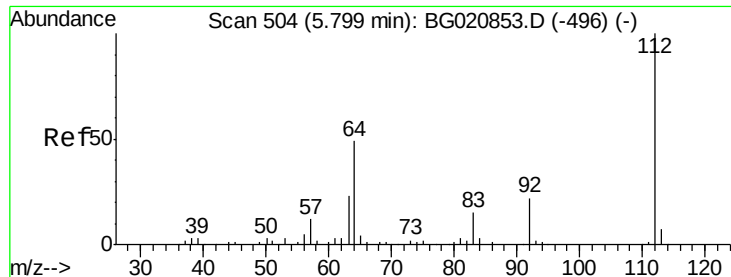


Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC



Time--> 3.94 3.96 3.98





#5

2-Fluorophenol

Concen: 129.50 ng

RT: 5.80 min Scan# 503

Delta R.T. -0.00 min

Lab File: BG020867.D

Acq: 11 Feb 2016 22:05

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2016-01

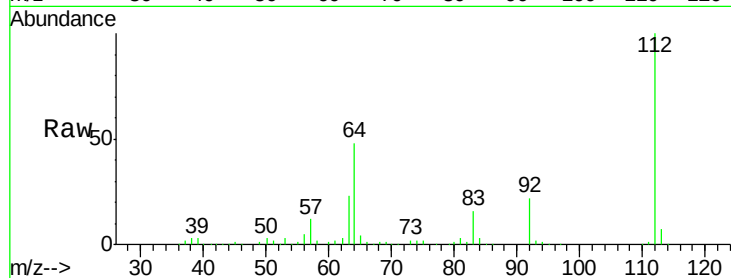
Tgt Ion: 112 Resp: 162176

Ion Ratio Lower Upper

112 100

64 47.5 39.3 58.9

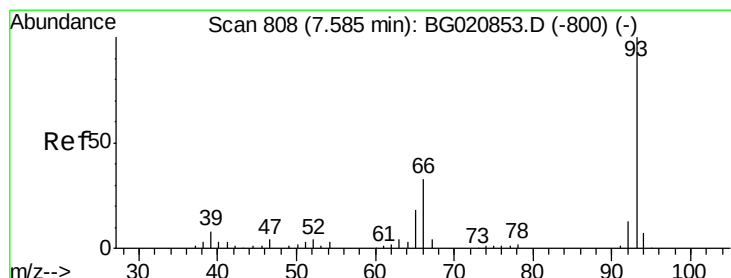
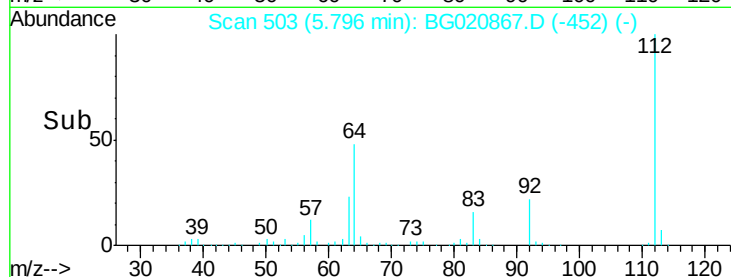
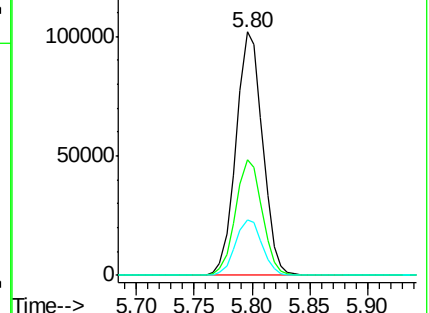
63 22.7 18.2 27.4



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: 0.32 ng

RT: 7.59 min Scan# 808

Delta R.T. 0.00 min

Lab File: BG020867.D

Acq: 11 Feb 2016 22:05

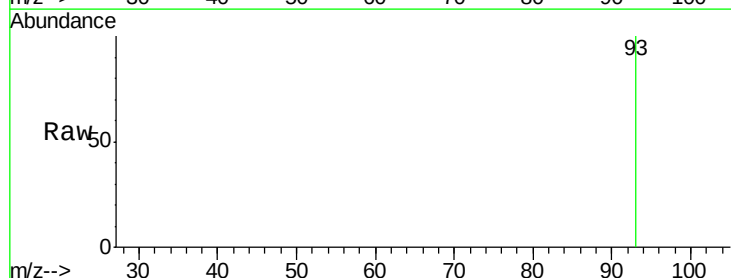
Tgt Ion: 93 Resp: 726

Ion Ratio Lower Upper

93 100

66 0.0 26.6 40.0#

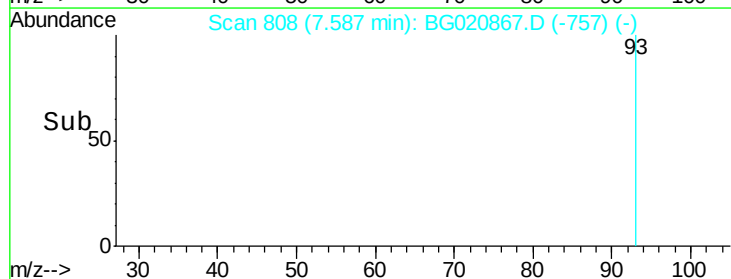
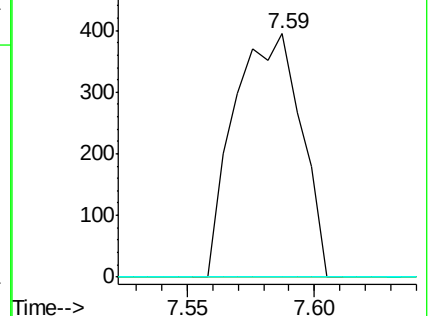
65 0.0 14.0 21.0#

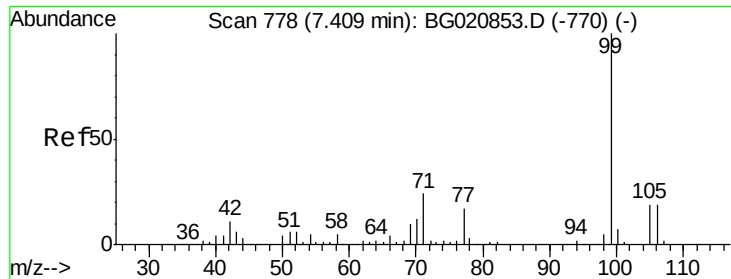


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 123.93 ng

RT: 7.41 min Scan# 777

Delta R.T. -0.00 min

Lab File: BG020867.D

Acq: 11 Feb 2016 22:05

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2016-01

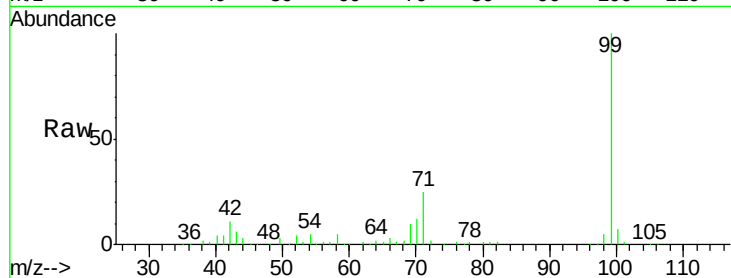
Tgt Ion: 99 Resp: 226844

Ion Ratio Lower Upper

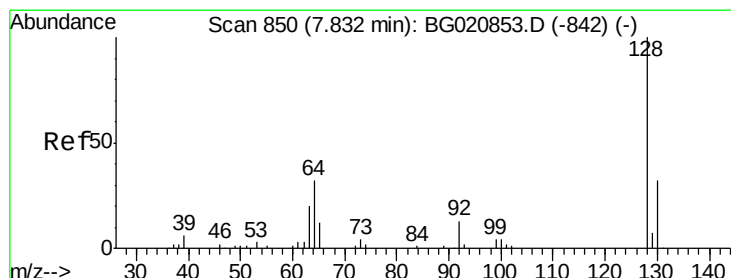
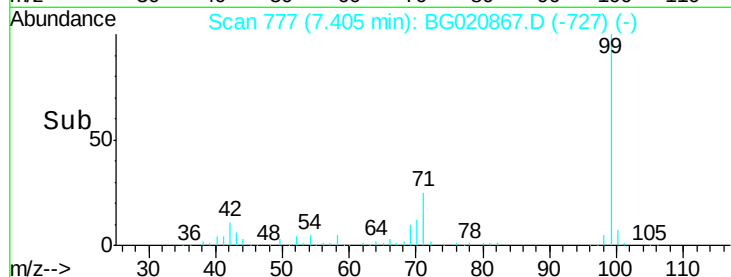
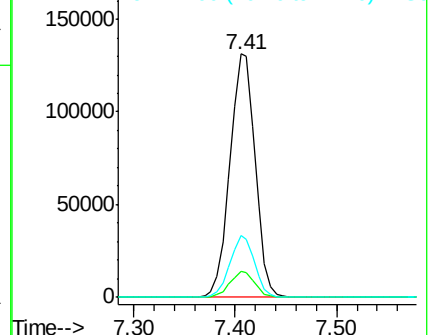
99 100

42 10.5 8.4 12.6

71 25.4 19.4 29.0



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: 0.86 ng

RT: 7.83 min Scan# 849

Delta R.T. -0.00 min

Lab File: BG020867.D

Acq: 11 Feb 2016 22:05

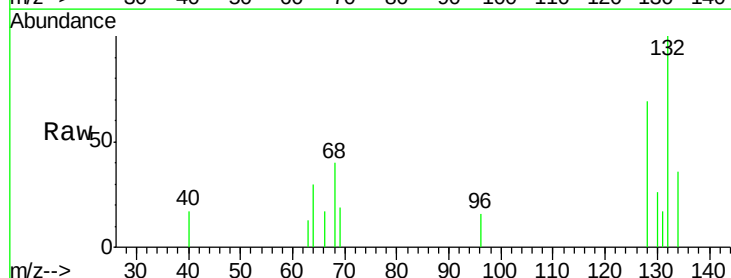
Tgt Ion: 128 Resp: 1346

Ion Ratio Lower Upper

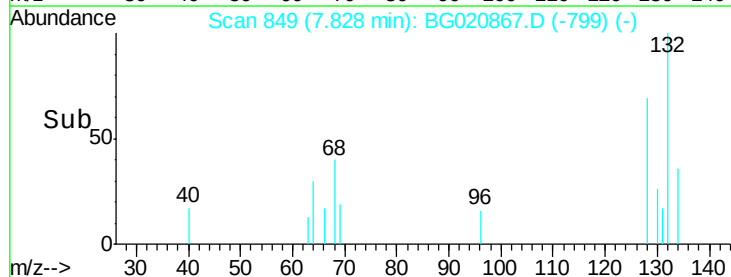
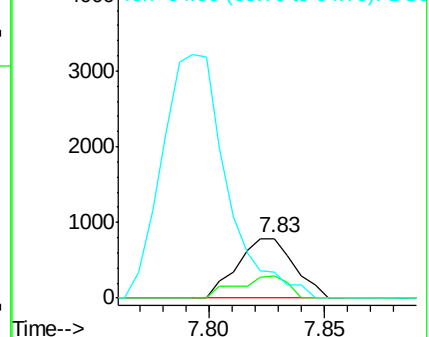
128 100

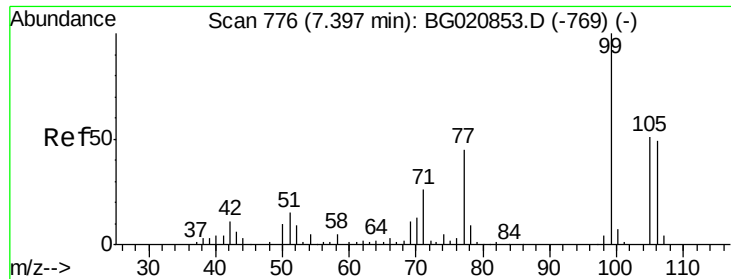
130 37.7 12.3 52.3

64 42.9 15.9 55.9



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





#9

Benzaldehyde

Concen: 1.17 ng

RT: 7.39 min Scan# 775

Delta R.T. -0.00 min

Lab File: BG020867.D

Acq: 11 Feb 2016 22:05

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2016-01

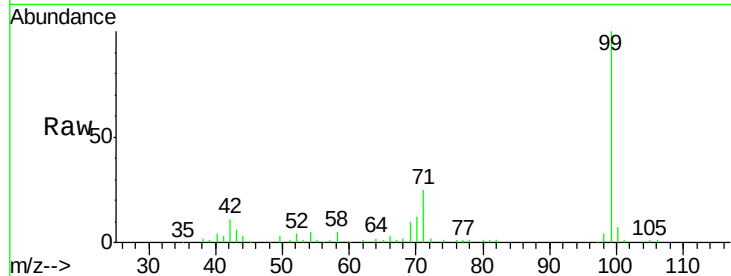
Tgt Ion: 77 Resp: 1069

Ion Ratio Lower Upper

77 100

105 81.2 93.4 133.4#

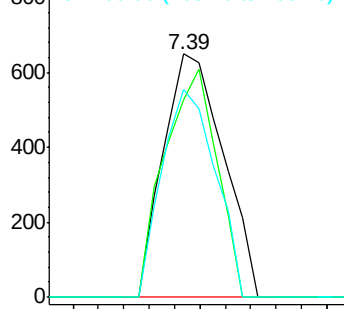
106 85.2 88.7 128.7#



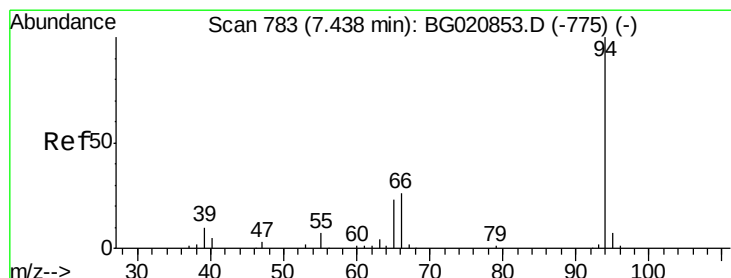
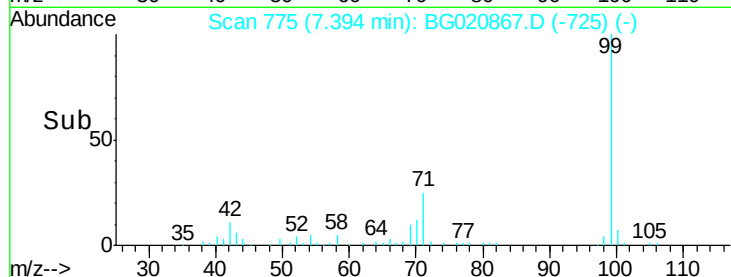
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



Time-->



#10

Phenol

Concen: 0.82 ng

RT: 7.43 min Scan# 781

Delta R.T. -0.01 min

Lab File: BG020867.D

Acq: 11 Feb 2016 22:05

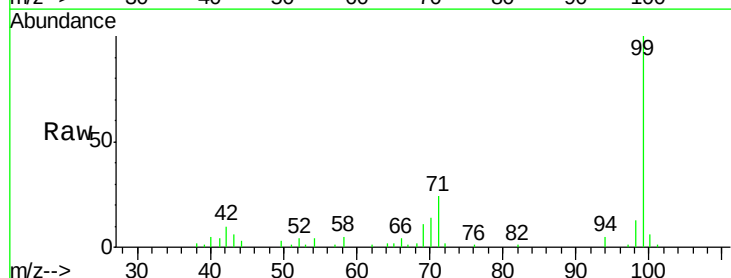
Tgt Ion: 94 Resp: 1597

Ion Ratio Lower Upper

94 100

65 31.6 2.8 42.8

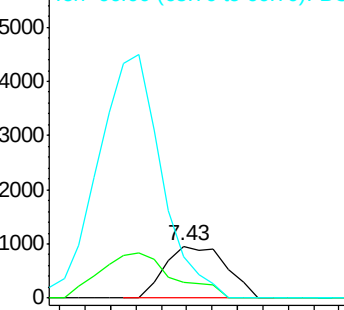
66 81.0 7.2 47.2#



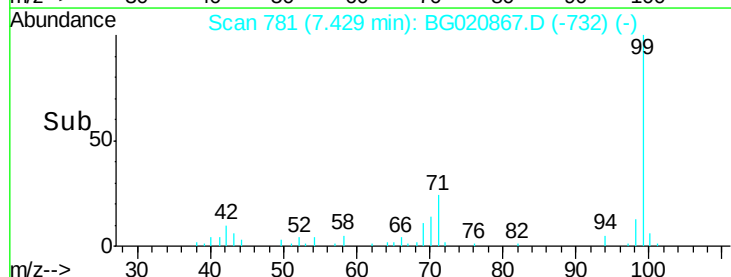
Abundance Ion 94.00 (93.70 to 94.70): BGC

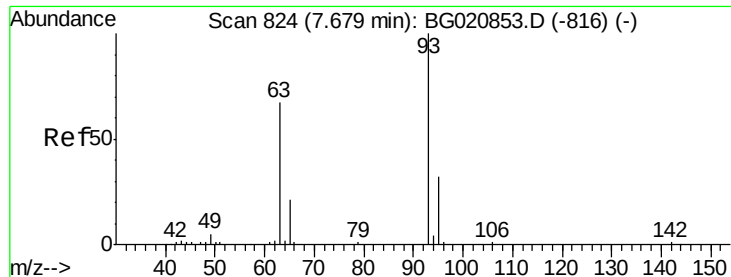
Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



Time-->

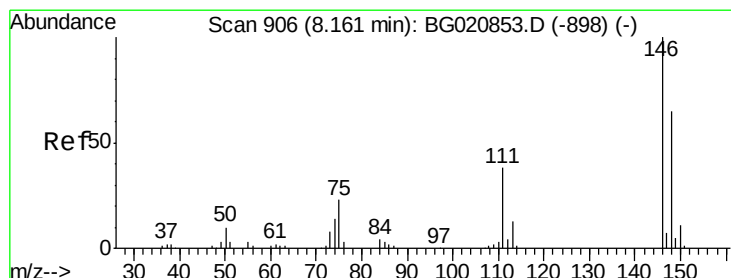
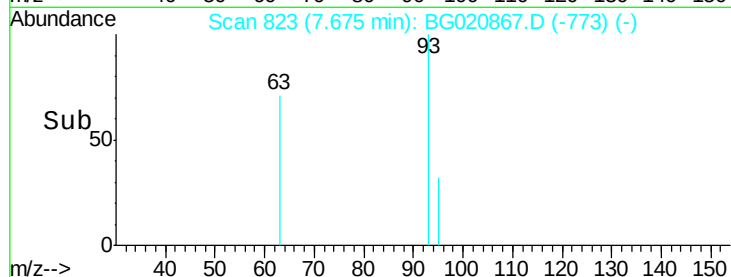
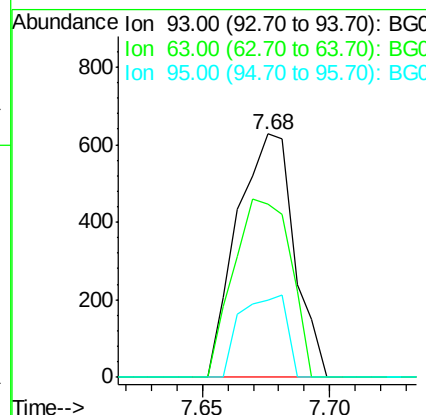
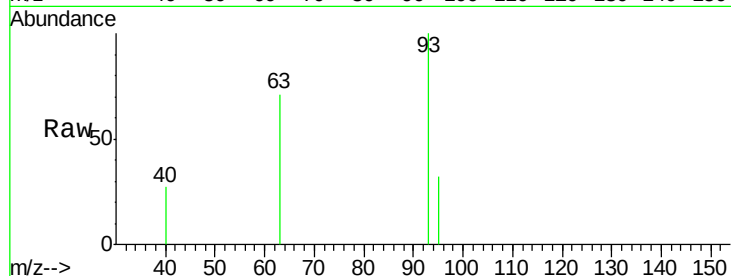




#11
 bis(2-Chloroethyl)ether
 Concen: 0.64 ng
 RT: 7.68 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BG020867.D
 Acq: 11 Feb 2016 22:05

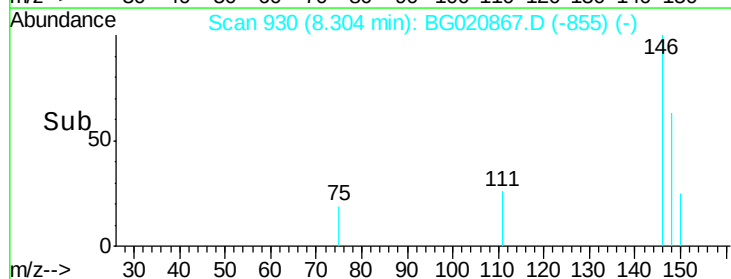
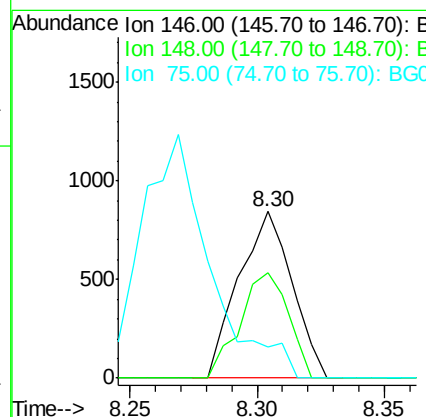
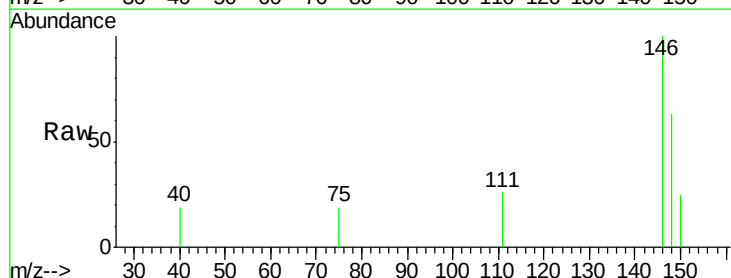
Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER2016-01

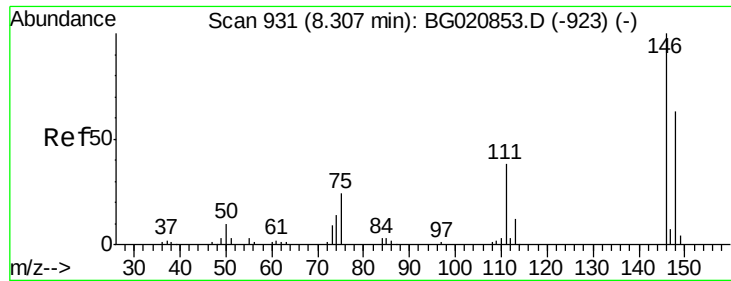
Tgt Ion: 93 Resp: 983
 Ion Ratio Lower Upper
 93 100
 63 71.0 46.4 86.4
 95 31.5 12.1 52.1



#12
 1,3-Dichlorobenzene
 Concen: 0.75 ng
 RT: 8.30 min Scan# 930
 Delta R.T. 0.14 min
 Lab File: BG020867.D
 Acq: 11 Feb 2016 22:05

Tgt Ion: 146 Resp: 1236
 Ion Ratio Lower Upper
 146 100
 148 63.0 51.8 77.8
 75 19.1 18.7 28.1

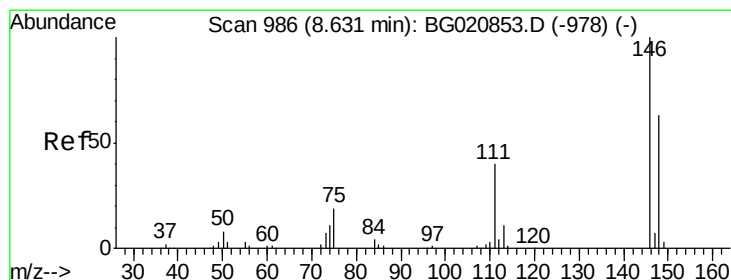
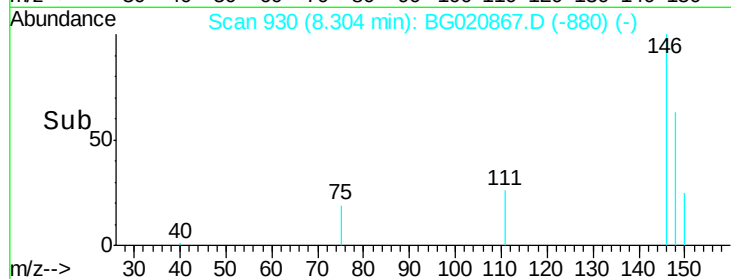
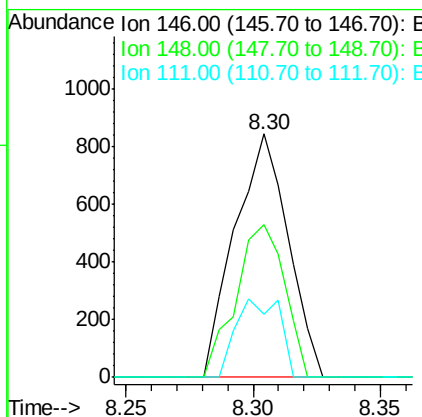
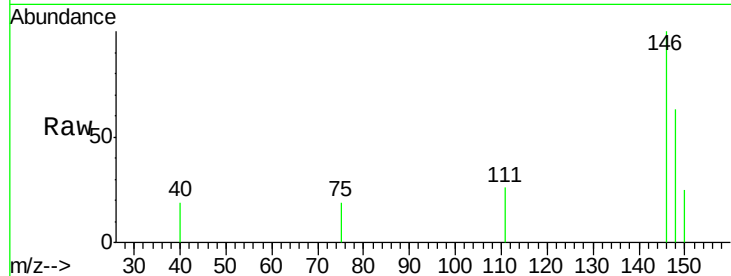




#13
 1,4-Dichlorobenzene
 Concen: 0.74 ng
 RT: 8.30 min Scan# 930
 Delta R.T. -0.00 min
 Lab File: BG020867.D
 Acq: 11 Feb 2016 22:05

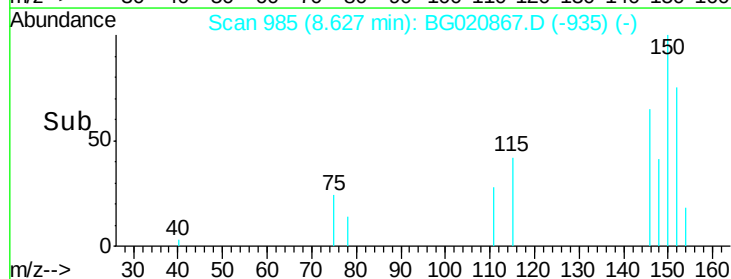
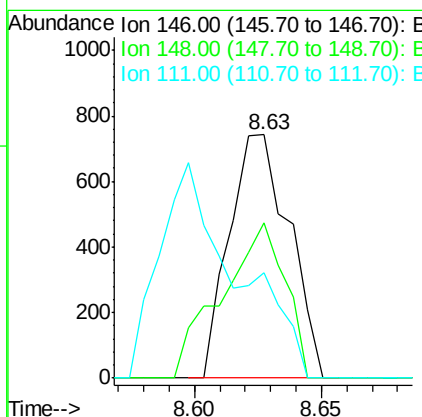
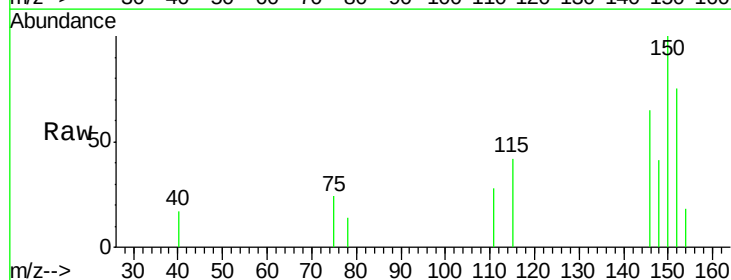
Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER2016-01

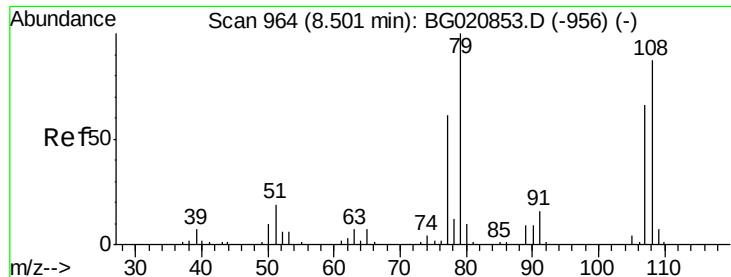
Tgt Ion:146 Resp: 1236
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.8 76.2
 111 26.1 30.1 45.1#



#14
 1,2-Dichlorobenzene
 Concen: 0.75 ng
 RT: 8.63 min Scan# 985
 Delta R.T. -0.00 min
 Lab File: BG020867.D
 Acq: 11 Feb 2016 22:05

Tgt Ion:146 Resp: 1219
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.6 76.0
 111 43.5 32.6 48.8





#15

Benzyl Alcohol

Concen: 0.68 ng

RT: 8.50 min Scan# 963

Delta R.T. -0.00 min

Lab File: BG020867.D

Acq: 11 Feb 2016 22:05

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2016-01

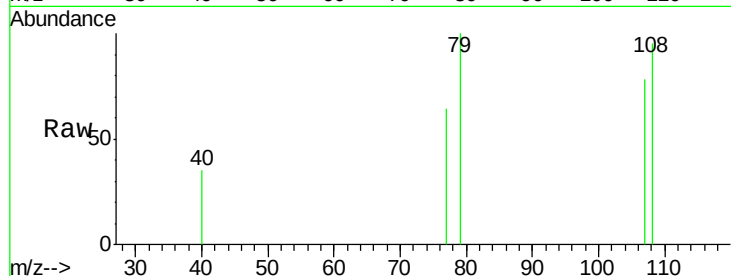
Tgt Ion: 79 Resp: 787

Ion Ratio Lower Upper

79 100

108 94.8 69.4 104.2

77 64.1 48.6 73.0



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

8.50

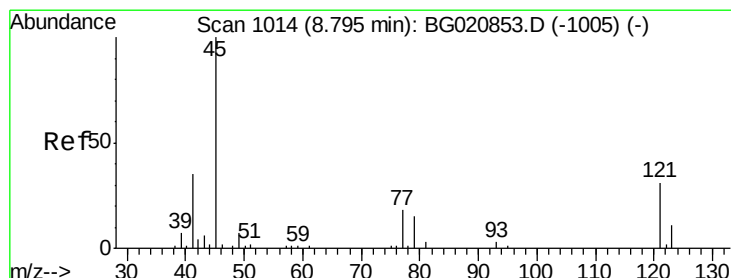
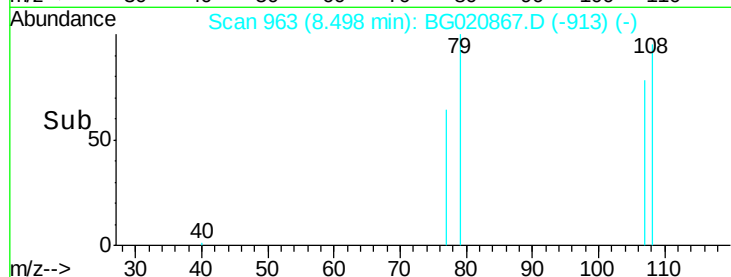
400

200

0

8.46 8.48 8.50 8.52 8.54

Time-->



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.72 ng

RT: 8.79 min Scan# 1013

Delta R.T. -0.00 min

Lab File: BG020867.D

Acq: 11 Feb 2016 22:05

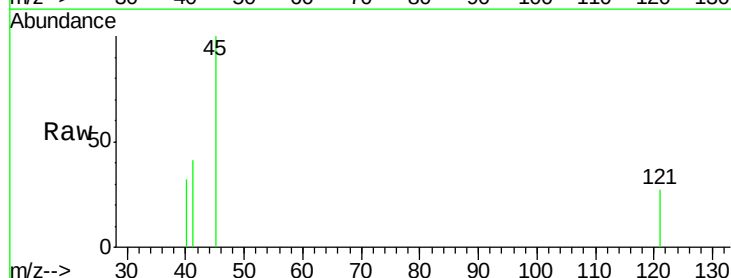
Tgt Ion: 45 Resp: 1167

Ion Ratio Lower Upper

45 100

77 0.0 0.0 38.5

79 0.0 0.0 34.9



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

8.79

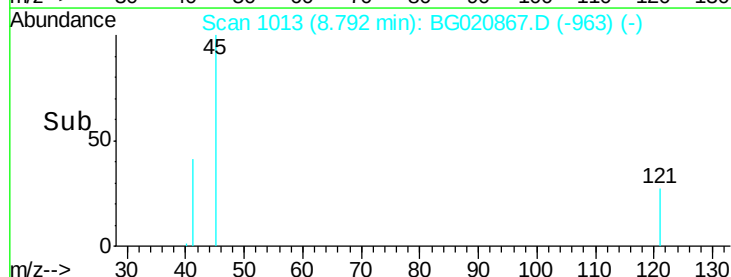
400

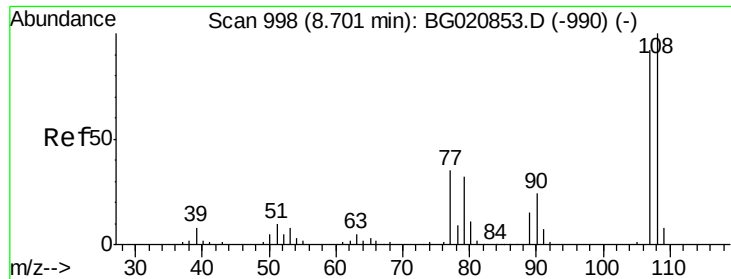
200

0

8.75 8.80

Time-->

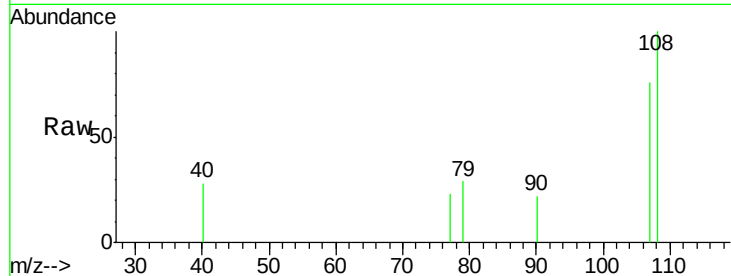




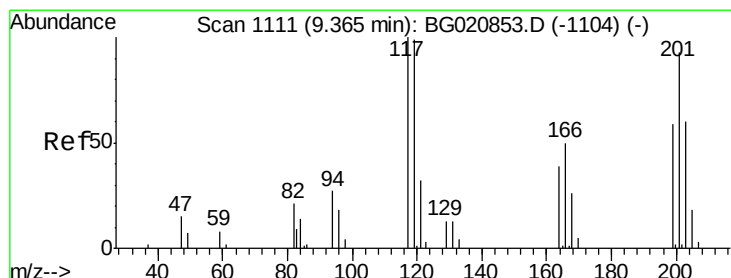
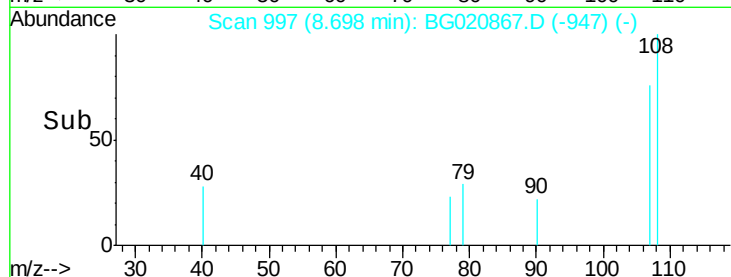
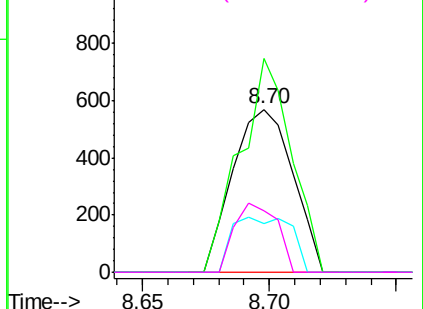
#17
2-Methylphenol
Concen: 0.68 ng
RT: 8.70 min Scan# 997
Delta R.T. -0.00 min
Lab File: BG020867.D
Acq: 11 Feb 2016 22:05

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2016-01

Tgt Ion:107 Resp: 942
Ion Ratio Lower Upper
107 100
108 131.1 87.0 130.4#
77 29.6 30.1 45.1#
79 37.7 27.4 41.2

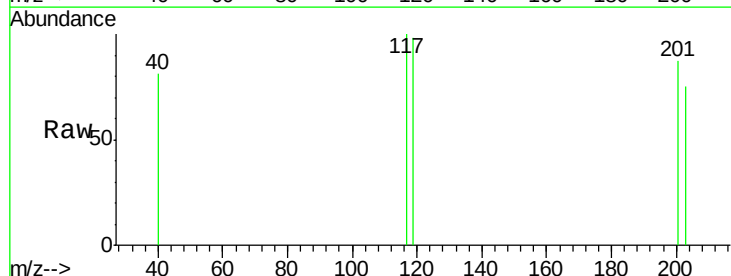


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

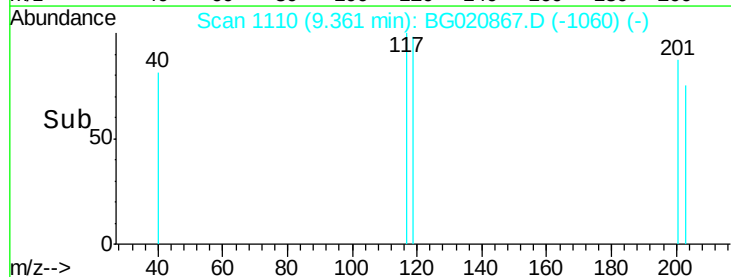
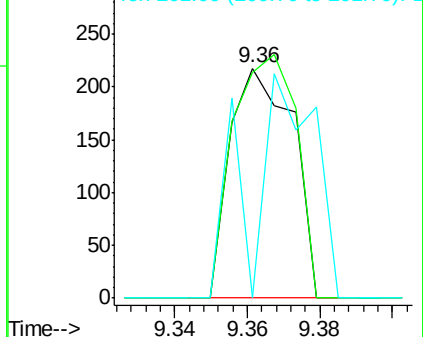


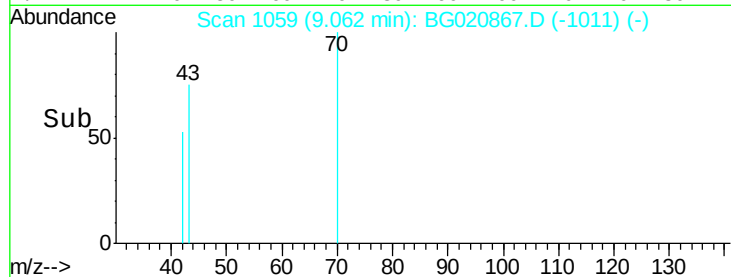
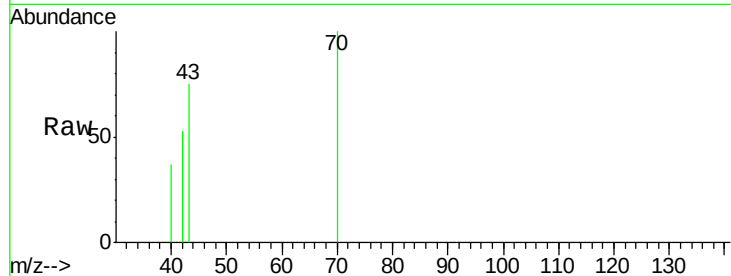
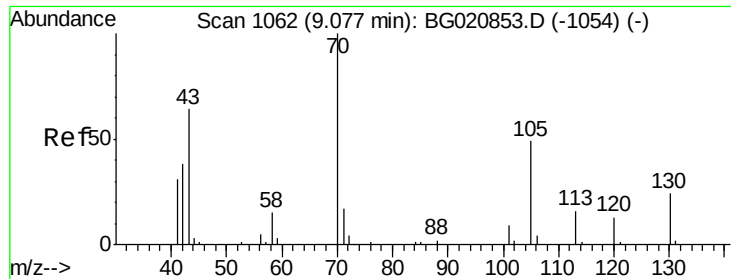
#18
Hexachloroethane
Concen: 0.45 ng
RT: 9.36 min Scan# 1110
Delta R.T. -0.00 min
Lab File: BG020867.D
Acq: 11 Feb 2016 22:05

Tgt Ion:117 Resp: 262
Ion Ratio Lower Upper
117 100
119 98.2 79.6 119.4
201 0.0 74.5 111.7#



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

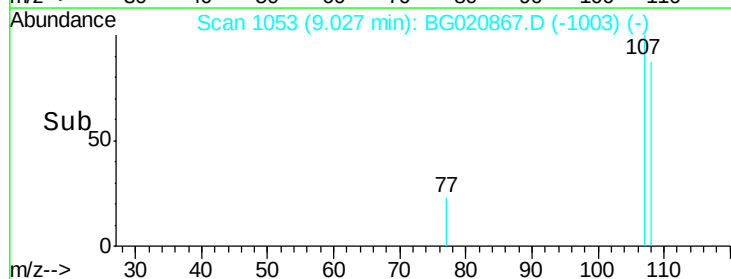
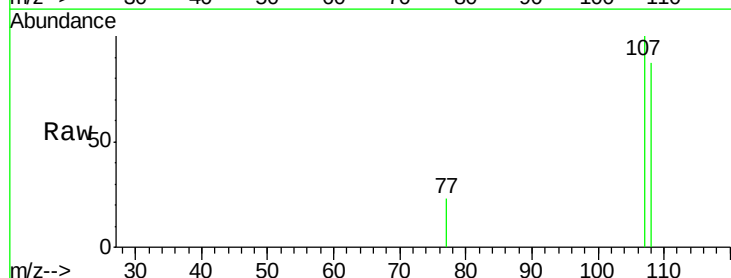
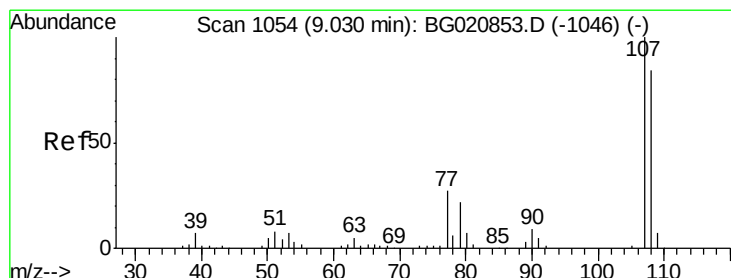
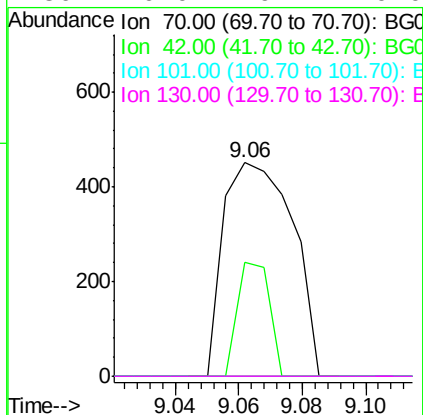




#19
n-Nitroso-di-n-propylamine
Concen: 0.58 ng
RT: 9.06 min Scan# 1059
Delta R.T. -0.02 min
Lab File: BG020867.D
Acq: 11 Feb 2016 22:05

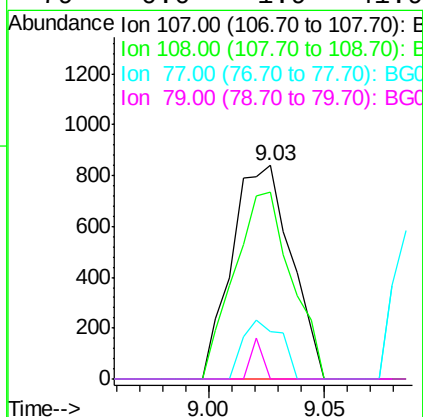
Instrument :
BNA_G
ClientSampleId :
LOD-WATER2016-01

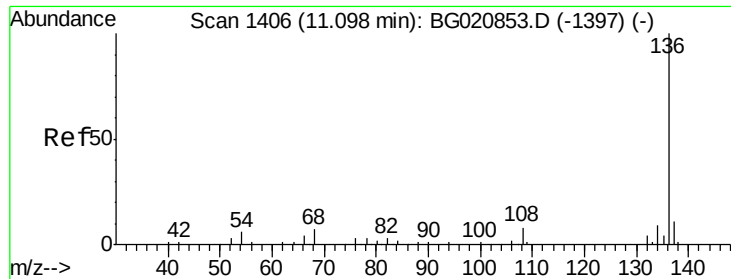
Tgt Ion: 70 Resp: 681
Ion Ratio Lower Upper
70 100
42 53.2 30.9 46.3#
101 0.0 7.3 10.9#
130 0.0 19.4 29.0#



#20
3+4-Methylphenols
Concen: 0.77 ng
RT: 9.03 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BG020867.D
Acq: 11 Feb 2016 22:05

Tgt Ion: 107 Resp: 1499
Ion Ratio Lower Upper
107 100
108 87.3 64.4 104.4
77 22.5 7.1 47.1
79 0.0 1.9 41.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.09 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BG020867.D

Acq: 11 Feb 2016 22:05

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2016-01

Tgt Ion:136 Resp: 104388

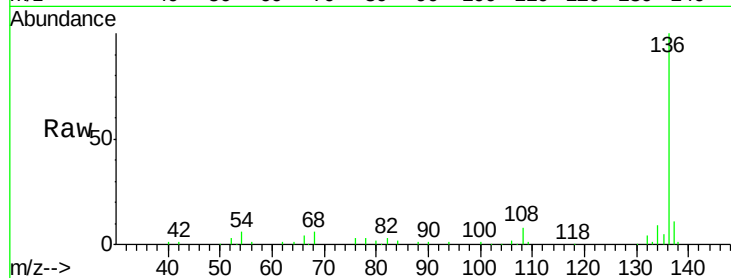
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 6.1 5.0 7.4

68 6.2 5.2 7.8

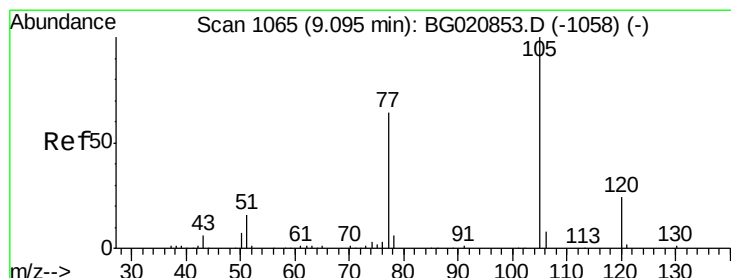
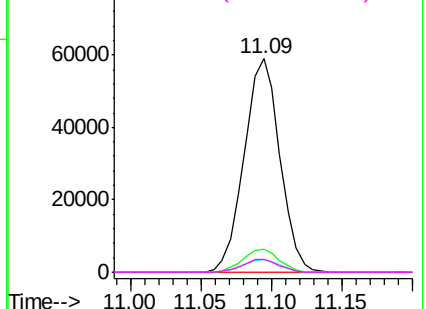
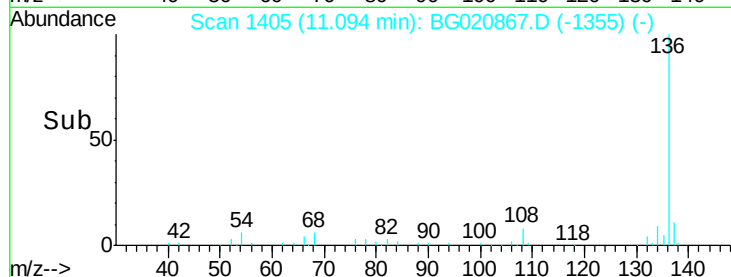


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.65 ng

RT: 9.09 min Scan# 1064

Delta R.T. -0.00 min

Lab File: BG020867.D

Acq: 11 Feb 2016 22:05

Tgt Ion:105 Resp: 1640

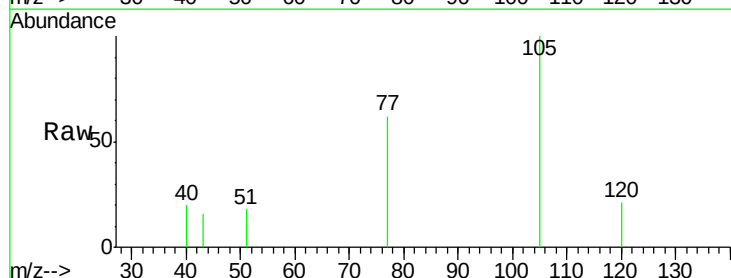
Ion Ratio Lower Upper

105 100

71 0.0 1.4 2.0#

51 17.6 13.7 20.5

120 21.4 19.0 28.6

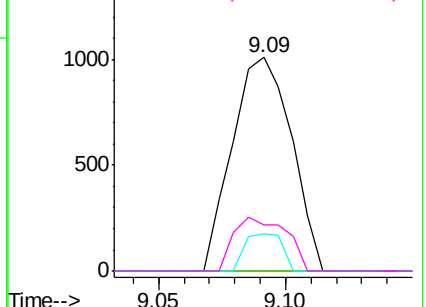
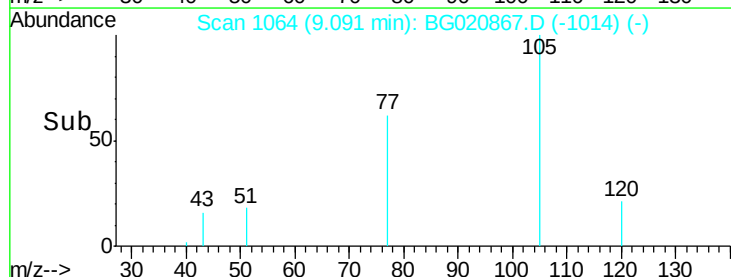


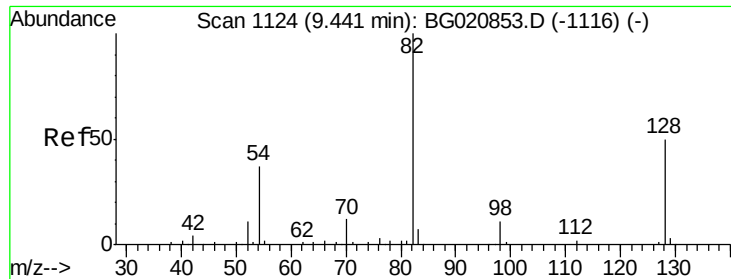
Abundance Ion 105.00 (104.70 to 105.70): E

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

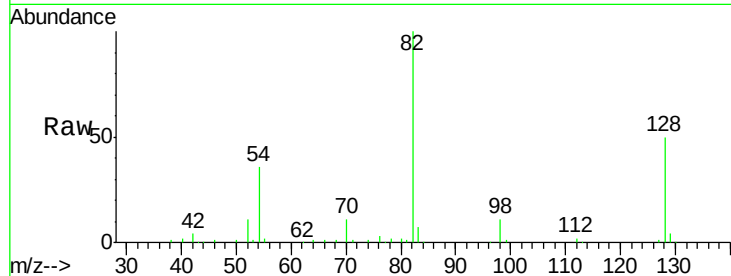




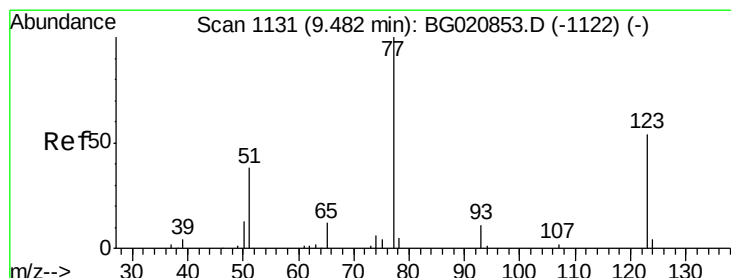
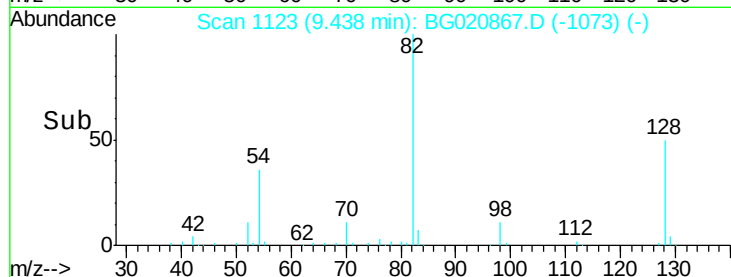
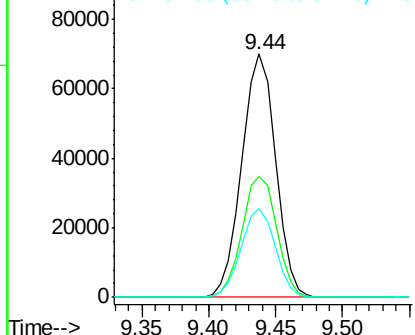
#23
Nitrobenzene-d5
Concen: 77.42 ng
RT: 9.44 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BG020867.D
Acq: 11 Feb 2016 22:05

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2016-01

Tgt Ion: 82 Resp: 122919
Ion Ratio Lower Upper
82 100
128 49.8 40.1 60.1
54 36.2 29.5 44.3

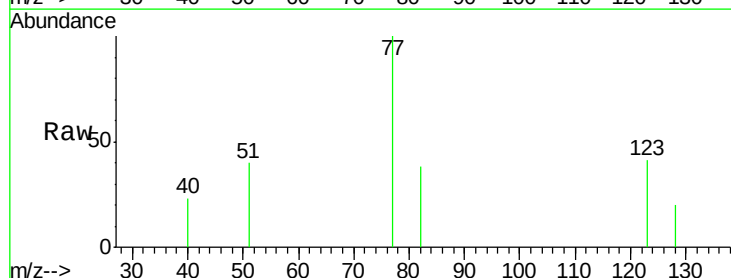


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

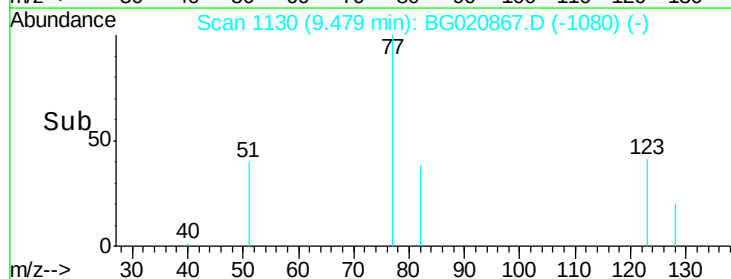
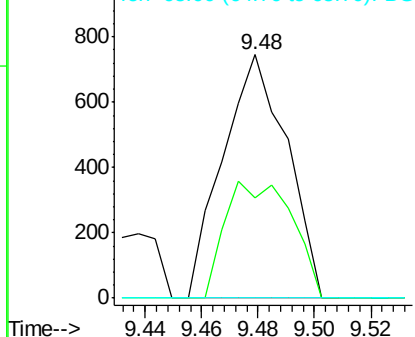


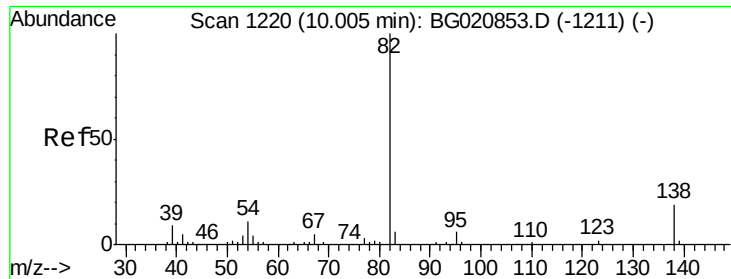
#24
Nitrobenzene
Concen: 0.71 ng
RT: 9.48 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BG020867.D
Acq: 11 Feb 2016 22:05

Tgt Ion: 77 Resp: 1174
Ion Ratio Lower Upper
77 100
123 41.0 43.2 64.8#
65 0.0 9.2 13.8#



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





#25

Isophorone

Concen: 0.71 ng

RT: 10.00 min Scan# 1219

Delta R.T. -0.00 min

Lab File: BG020867.D

Acq: 11 Feb 2016 22:05

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2016-01

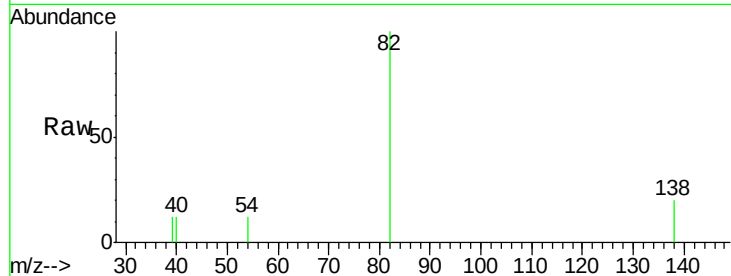
Tgt Ion: 82 Resp: 2390

Ion Ratio Lower Upper

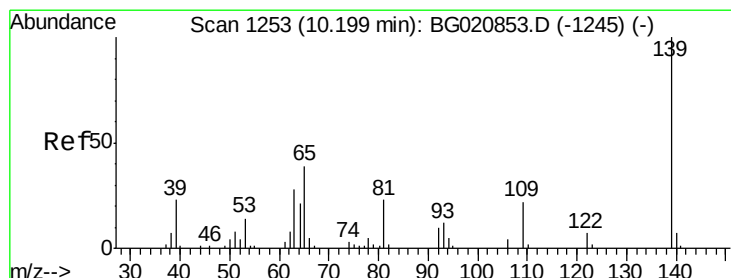
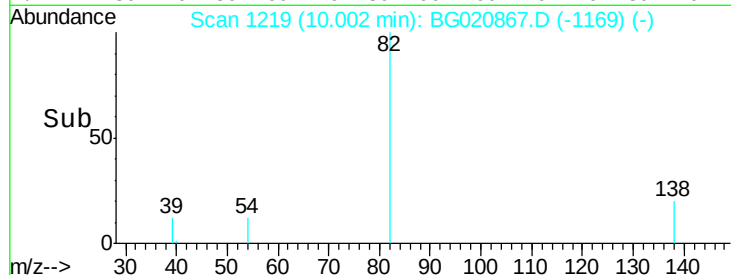
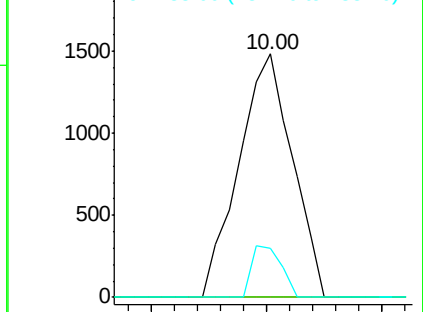
82 100

95 0.0 4.8 7.2#

138 20.2 15.4 23.0



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: 0.51 ng

RT: 10.20 min Scan# 1252

Delta R.T. -0.00 min

Lab File: BG020867.D

Acq: 11 Feb 2016 22:05

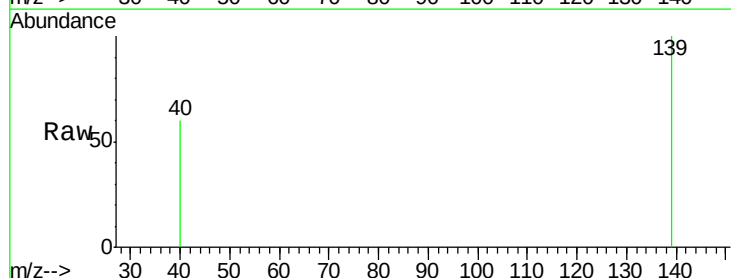
Tgt Ion: 139 Resp: 446

Ion Ratio Lower Upper

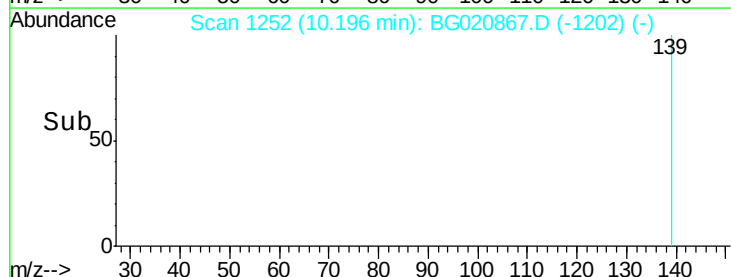
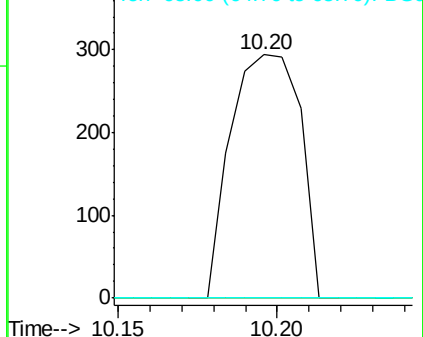
139 100

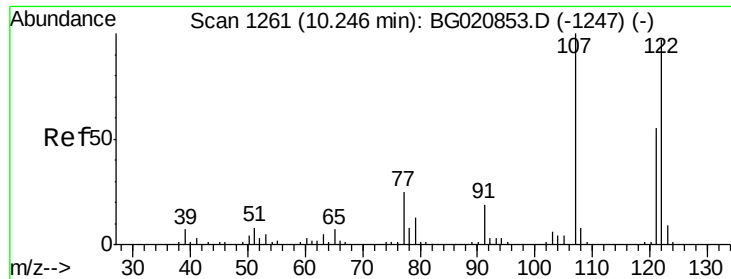
109 0.0 17.6 26.4#

65 0.0 31.0 46.6#



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

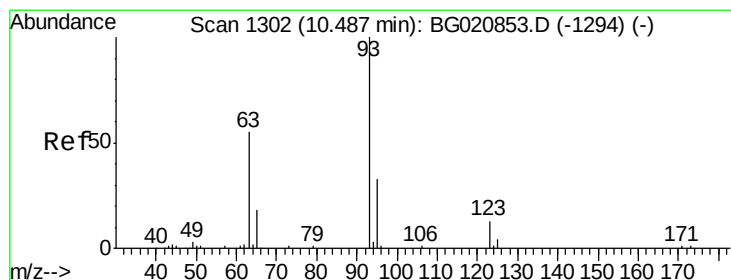
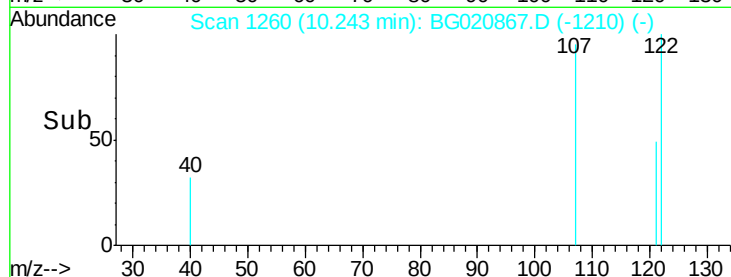
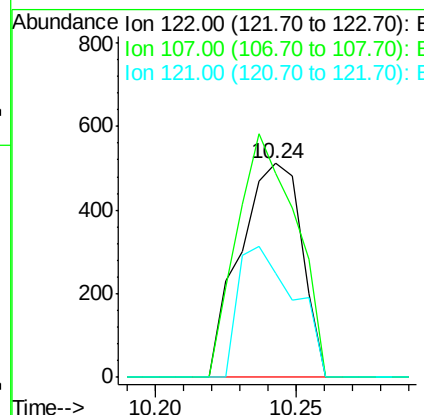
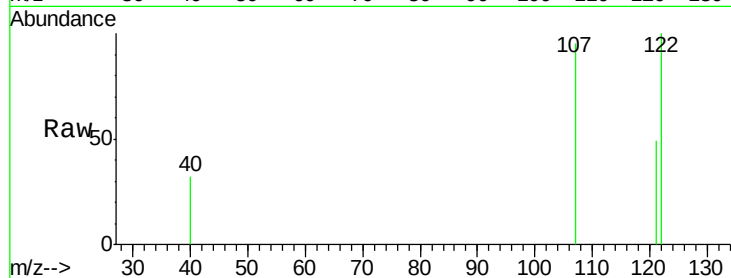




#27
 2,4-Dimethylphenol
 Concen: 0.46 ng
 RT: 10.24 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: BG020867.D
 Acq: 11 Feb 2016 22:05

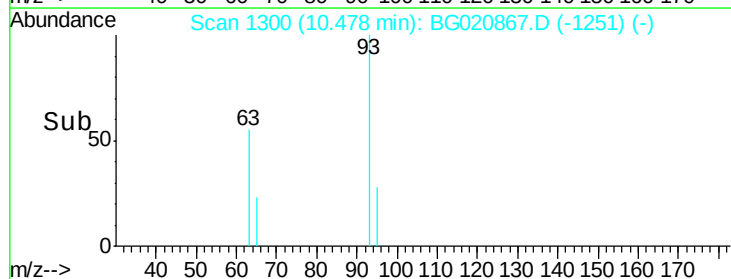
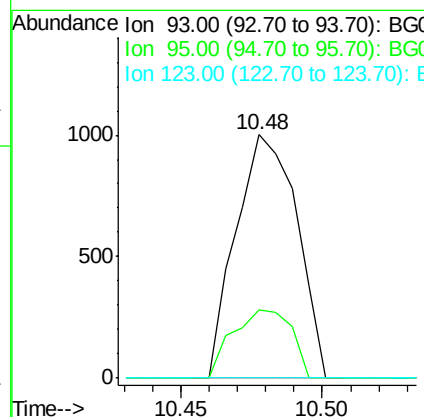
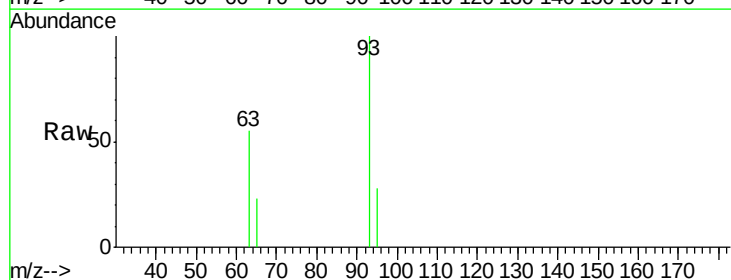
Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER2016-01

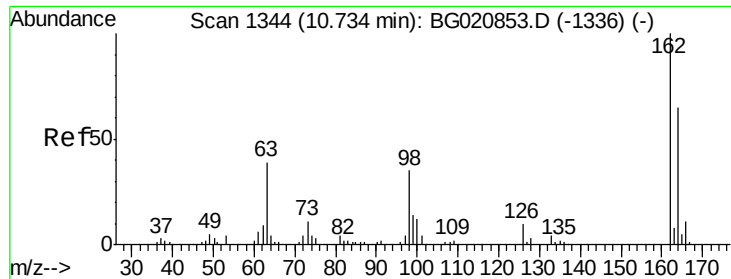
Tgt Ion: 122 Resp: 773
 Ion Ratio Lower Upper
 122 100
 107 95.5 82.6 124.0
 121 48.9 45.6 68.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 0.73 ng
 RT: 10.48 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BG020867.D
 Acq: 11 Feb 2016 22:05

Tgt Ion: 93 Resp: 1496
 Ion Ratio Lower Upper
 93 100
 95 28.0 26.2 39.2
 123 0.0 10.0 15.0#

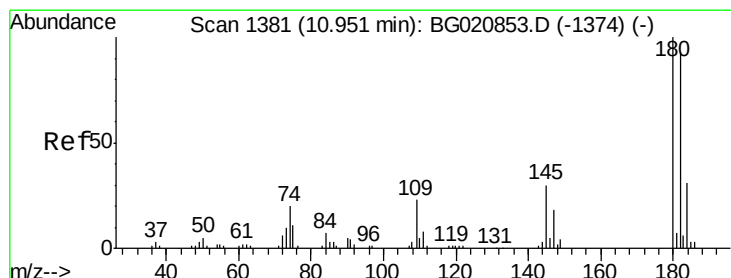
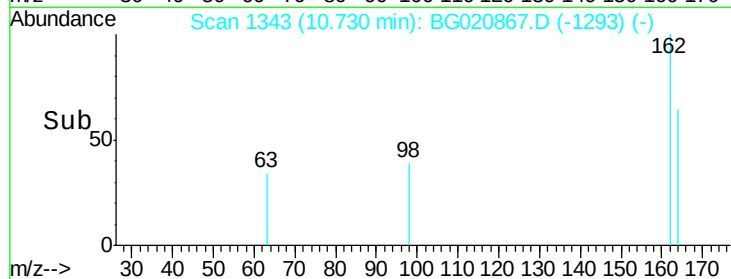
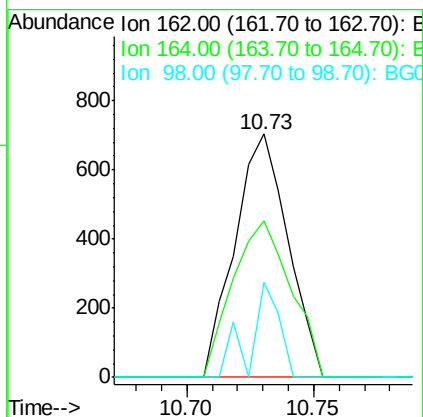
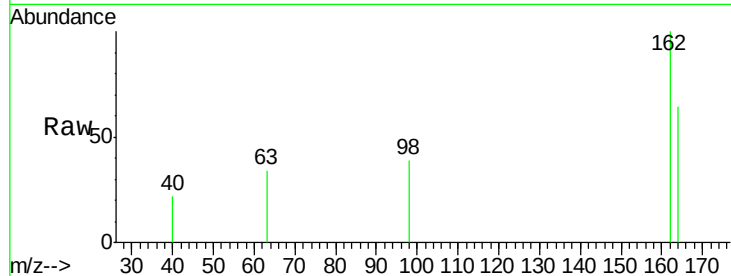




#29
 2,4-Dichlorophenol
 Concen: 0.69 ng
 RT: 10.73 min Scan# 1343
 Delta R.T. -0.00 min
 Lab File: BG020867.D
 Acq: 11 Feb 2016 22:05

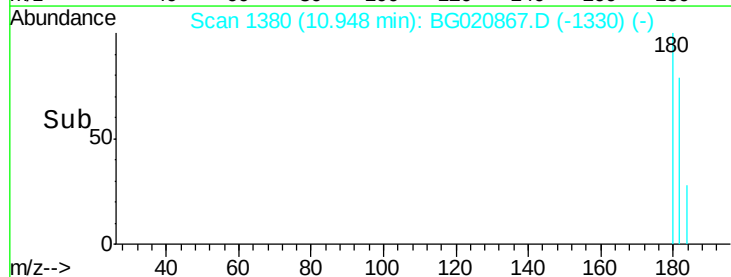
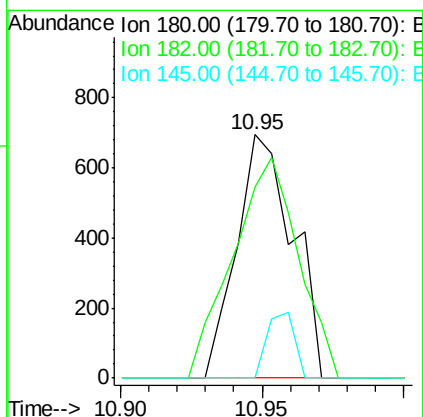
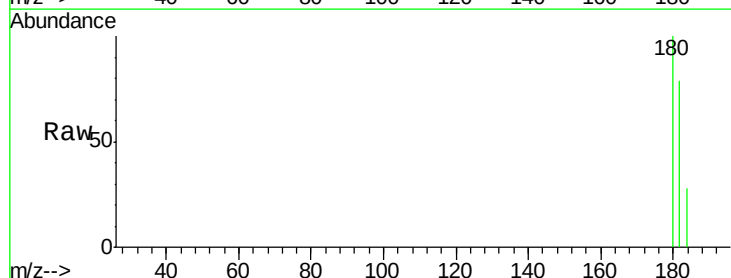
Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER2016-01

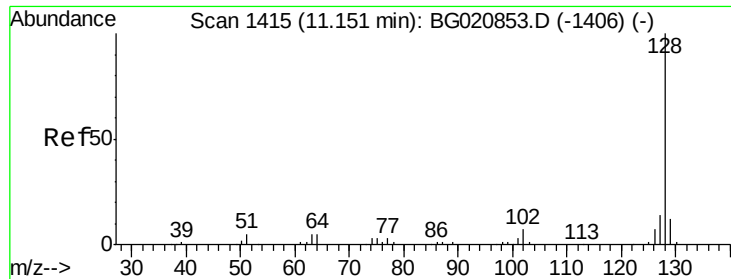
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.5	44.5	84.5
98	38.9	14.9	54.9



#30
 1,2,4-Trichlorobenzene
 Concen: 0.64 ng
 RT: 10.95 min Scan# 1380
 Delta R.T. -0.00 min
 Lab File: BG020867.D
 Acq: 11 Feb 2016 22:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	78.6	74.1	111.1
145	0.0	24.1	36.1

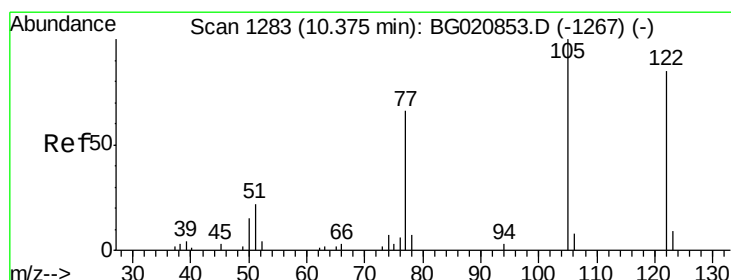
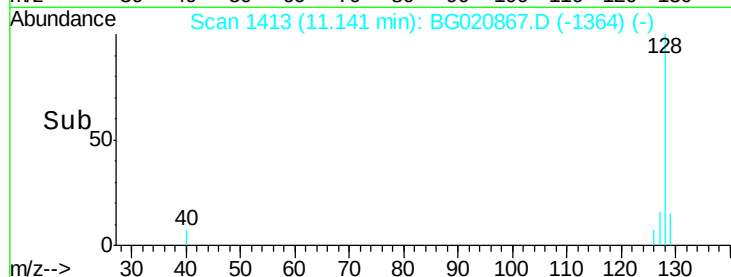
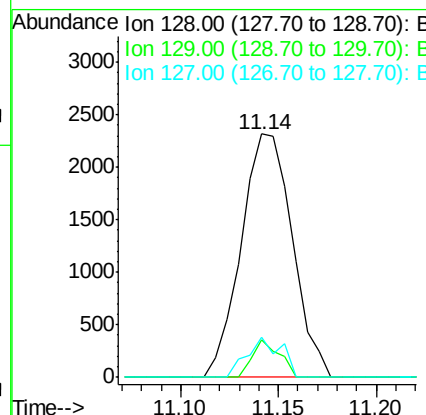
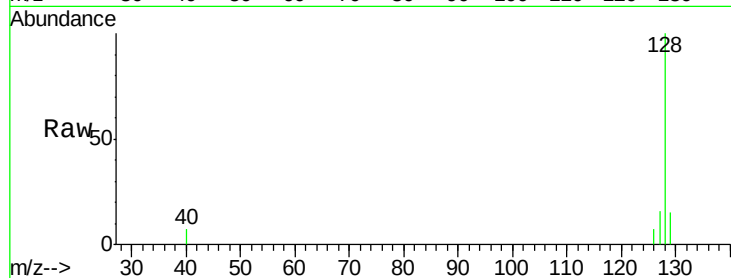




#31
Naphthalene
Concen: 0.78 ng
RT: 11.14 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BG020867.D
Acq: 11 Feb 2016 22:05

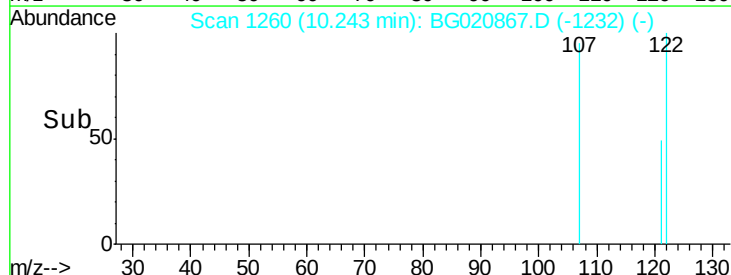
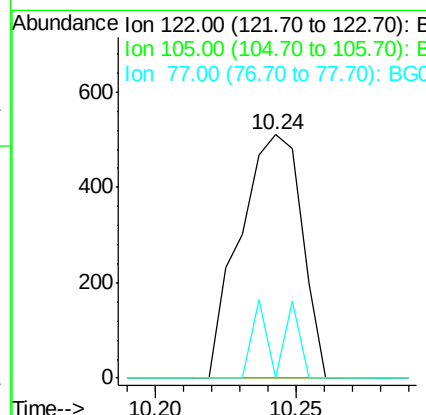
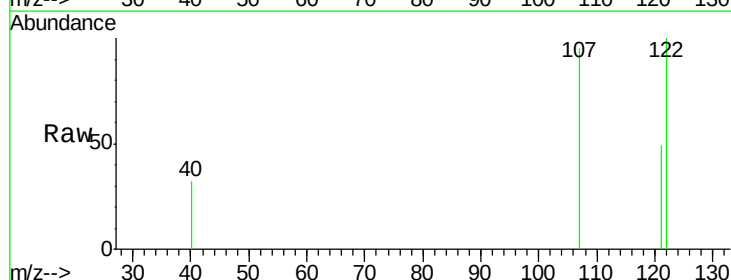
Instrument :
BNA_G
ClientSampleId :
LOD-WATER2016-01

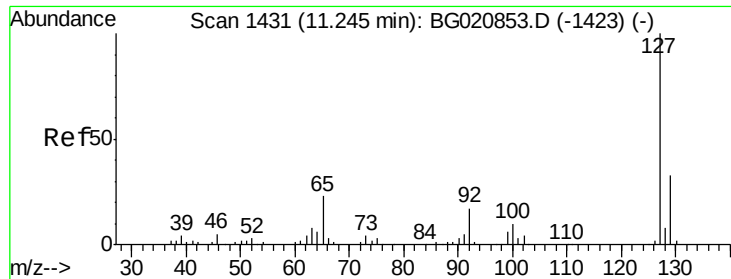
Tgt Ion:128 Resp: 4202
Ion Ratio Lower Upper
128 100
129 15.2 9.3 13.9#
127 16.3 11.4 17.2



#32
Benzoic acid
Concen: 0.58 ng
RT: 10.24 min Scan# 1260
Delta R.T. -0.13 min
Lab File: BG020867.D
Acq: 11 Feb 2016 22:05

Tgt Ion:122 Resp: 773
Ion Ratio Lower Upper
122 100
105 0.0 94.0 134.0#
77 0.0 56.8 96.8#

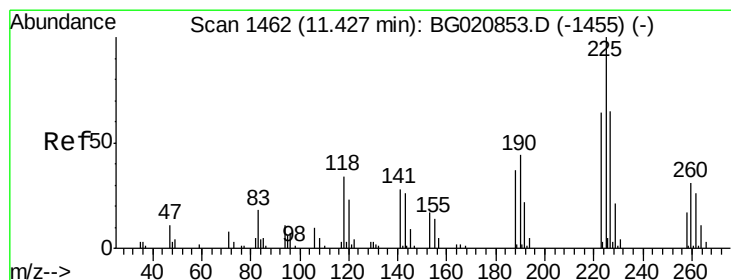
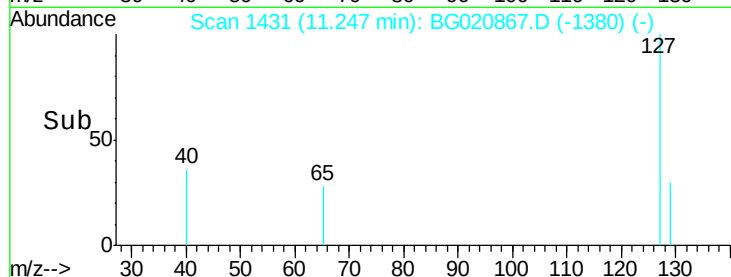
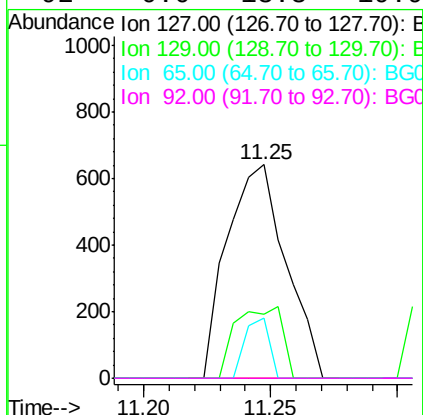
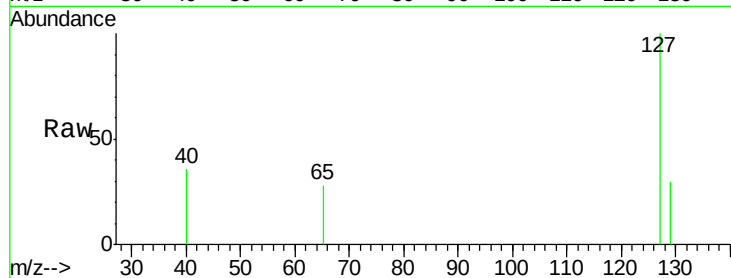




#33
4-Chloroaniline
Concen: 0.45 ng
RT: 11.25 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BG020867.D
Acq: 11 Feb 2016 22:05

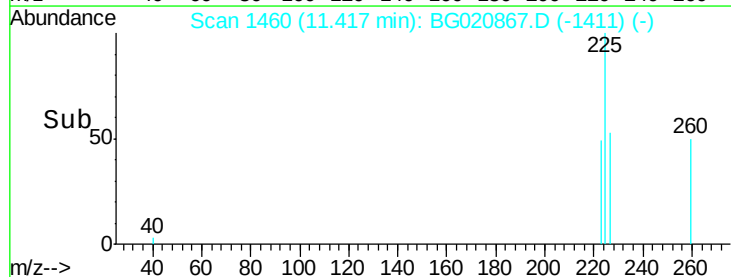
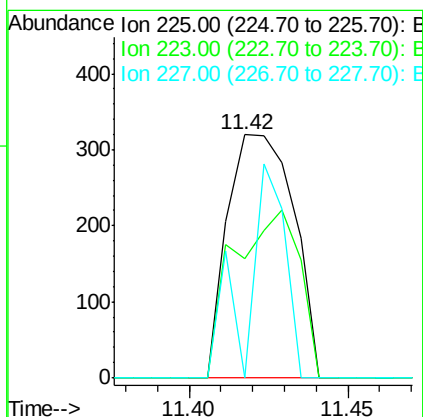
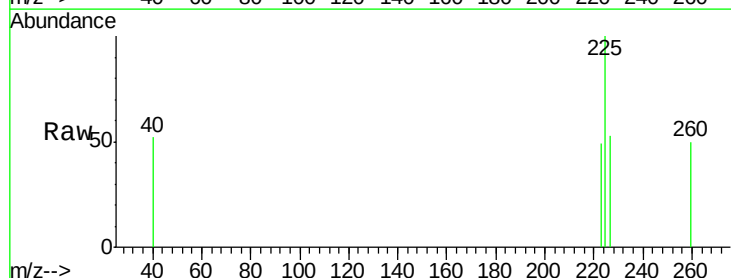
Instrument :
BNA_G
ClientSampleId :
LOD-WATER2016-01

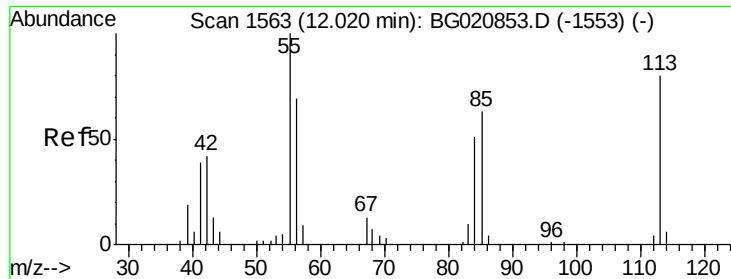
Tgt Ion:127 Resp: 1039
Ion Ratio Lower Upper
127 100
129 30.2 26.2 39.4
65 28.3 18.6 27.8#
92 0.0 13.3 19.9#



#34
Hexachlorobutadiene
Concen: 0.60 ng
RT: 11.42 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BG020867.D
Acq: 11 Feb 2016 22:05

Tgt Ion:225 Resp: 462
Ion Ratio Lower Upper
225 100
223 48.8 51.0 76.6#
227 0.0 51.7 77.5#





#35

Caprolactam

Concen: 0.20 ng

RT: 12.00 min Scan# 1559

Delta R.T. -0.02 min

Lab File: BG020867.D

Acq: 11 Feb 2016 22:05

Instrument :

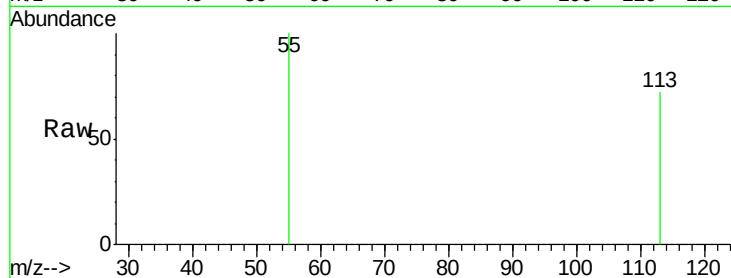
BNA_G

ClientSampleId :

LOD-WATER2016-01

Tgt Ion:113 Resp: 112

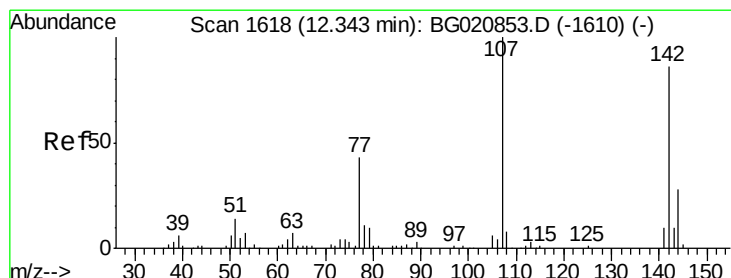
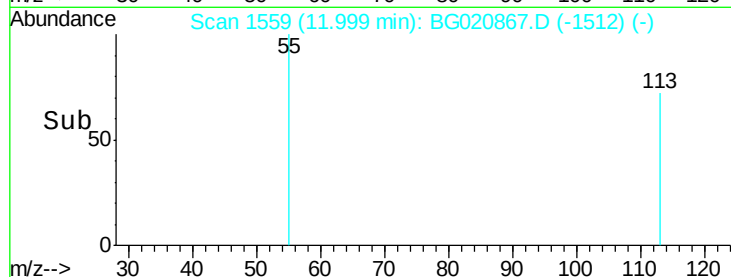
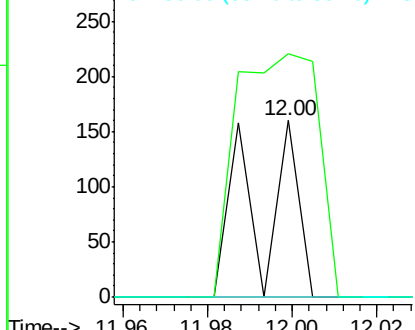
Ion	Ratio	Lower	Upper
113	100		
55	138.1	104.4	144.4
56	0.0	65.4	105.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 0.70 ng

RT: 12.34 min Scan# 1617

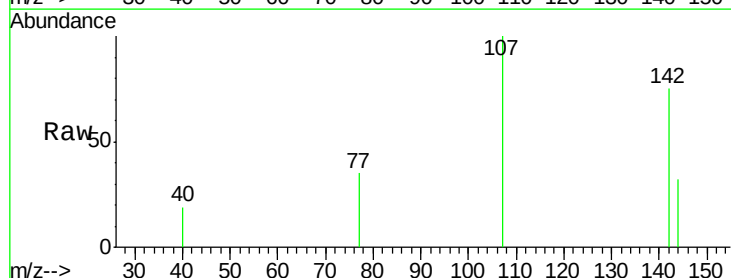
Delta R.T. -0.00 min

Lab File: BG020867.D

Acq: 11 Feb 2016 22:05

Tgt Ion:107 Resp: 1208

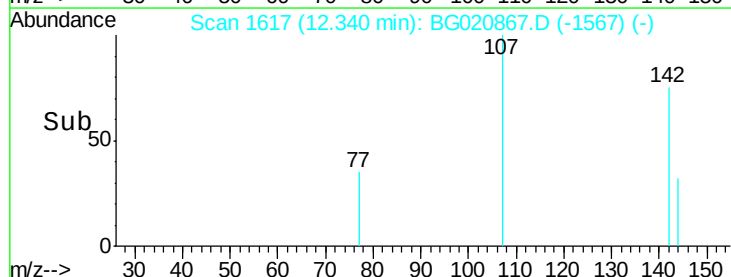
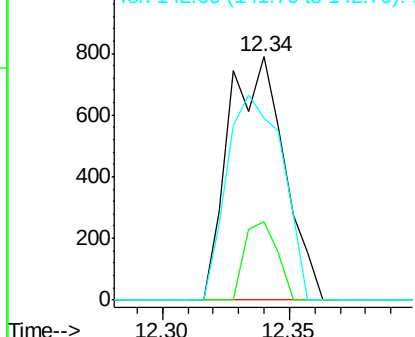
Ion	Ratio	Lower	Upper
107	100		
144	32.2	22.4	33.6
142	75.0	68.6	103.0

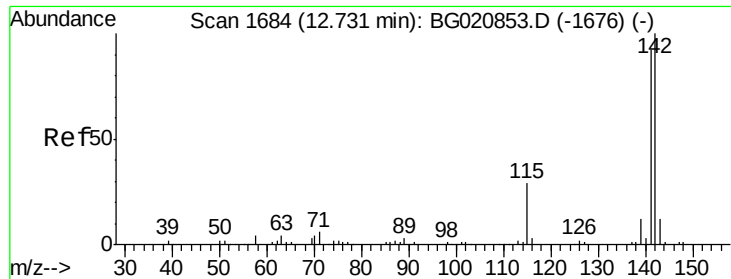


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

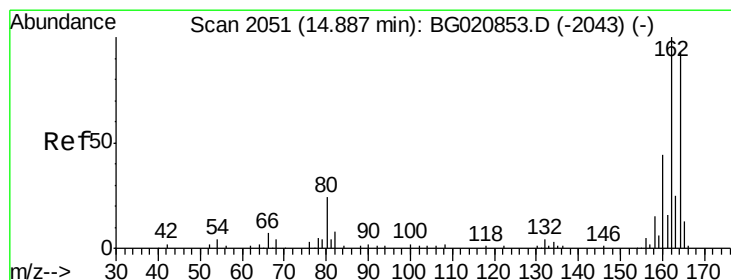
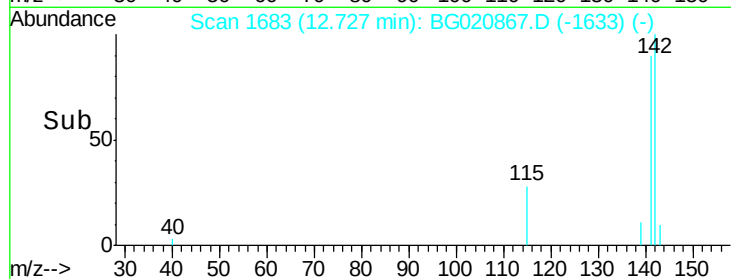
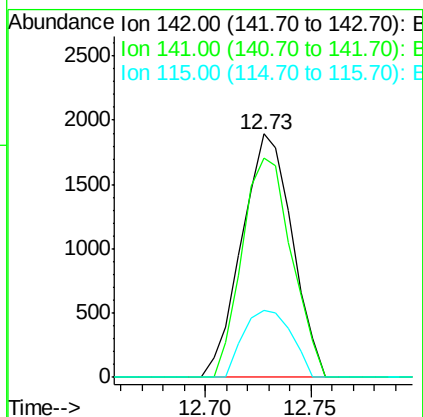
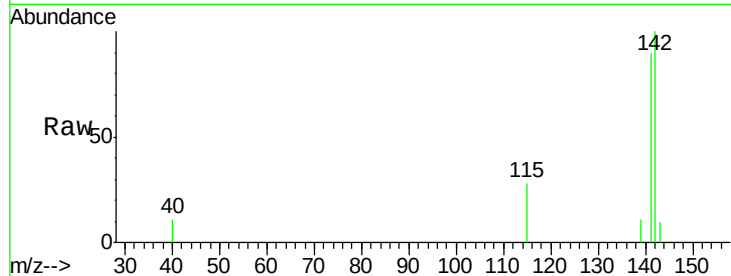




#37
 2-Methylnaphthalene
 Concen: 0.83 ng
 RT: 12.73 min Scan# 1683
 Delta R.T. -0.00 min
 Lab File: BG020867.D
 Acq: 11 Feb 2016 22:05

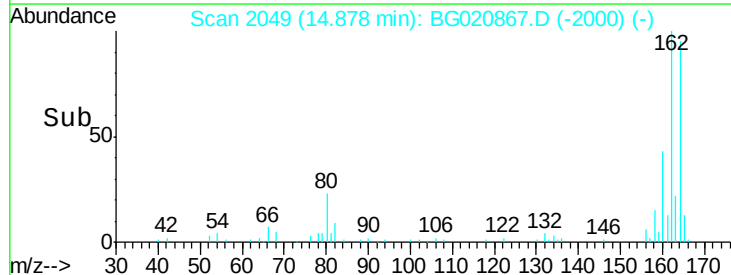
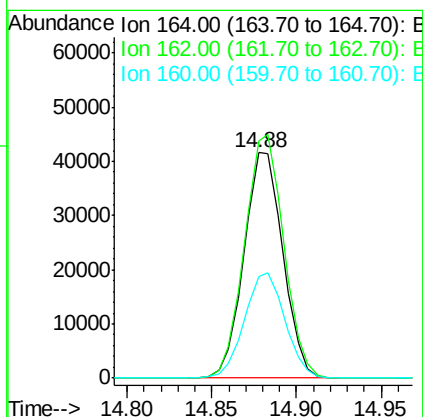
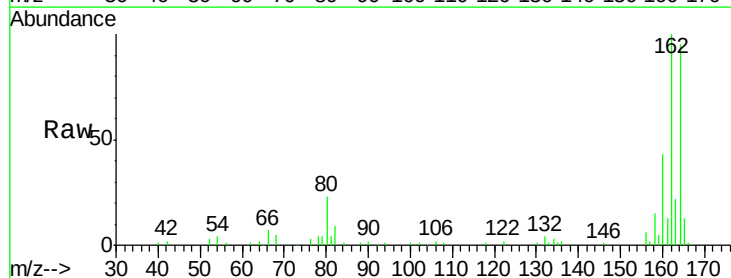
Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER2016-01

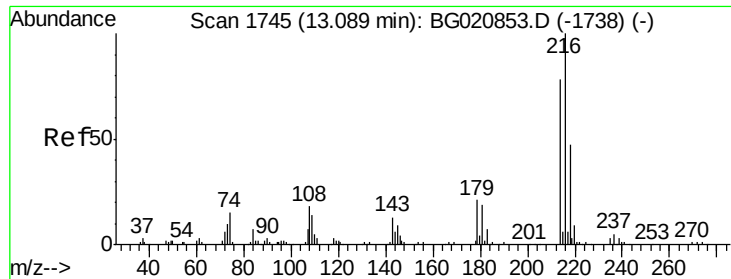
Tgt Ion:142 Resp: 3134
 Ion Ratio Lower Upper
 142 100
 141 90.3 73.4 110.2
 115 27.6 23.0 34.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.88 min Scan# 2049
 Delta R.T. -0.01 min
 Lab File: BG020867.D
 Acq: 11 Feb 2016 22:05

Tgt Ion:164 Resp: 66705
 Ion Ratio Lower Upper
 164 100
 162 105.3 85.7 128.5
 160 45.3 37.4 56.0

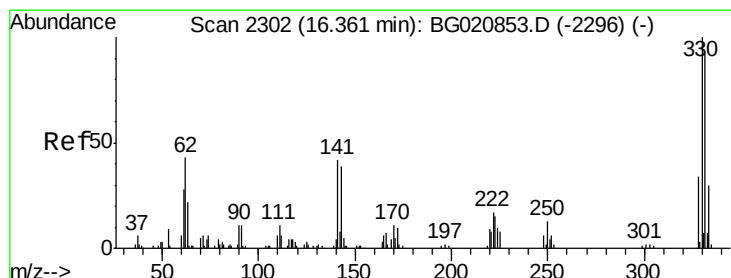
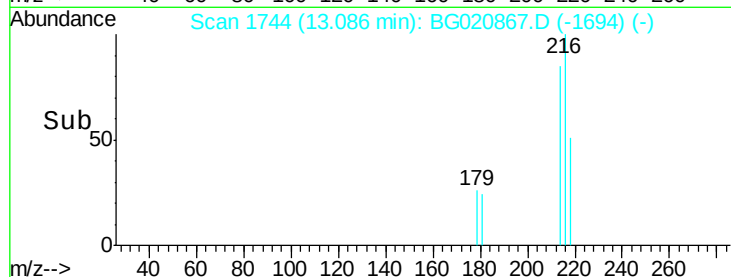
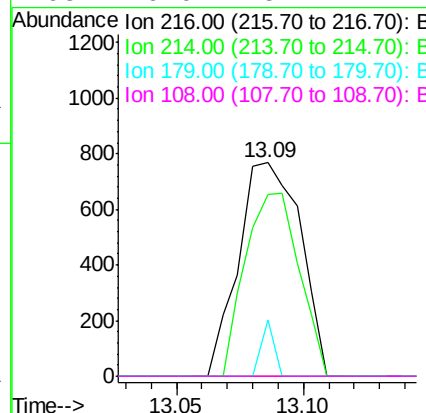
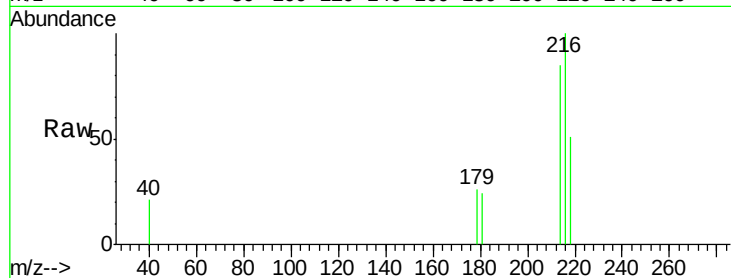




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 0.67 ng
 RT: 13.09 min Scan# 1744
 Delta R.T. -0.00 min
 Lab File: BG020867.D
 Acq: 11 Feb 2016 22:05

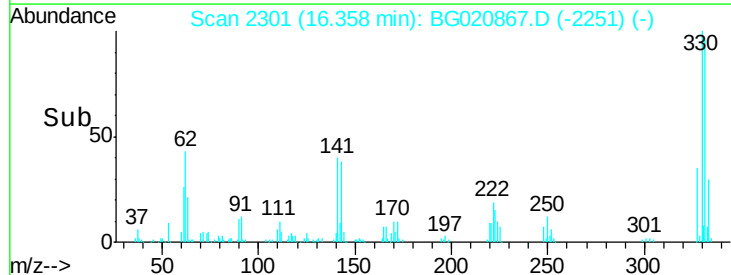
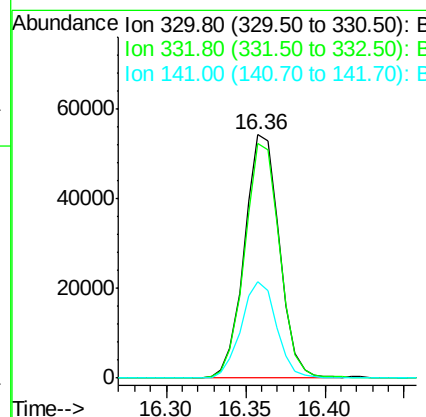
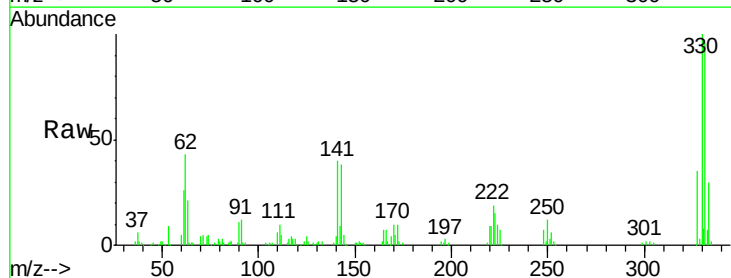
Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER2016-01

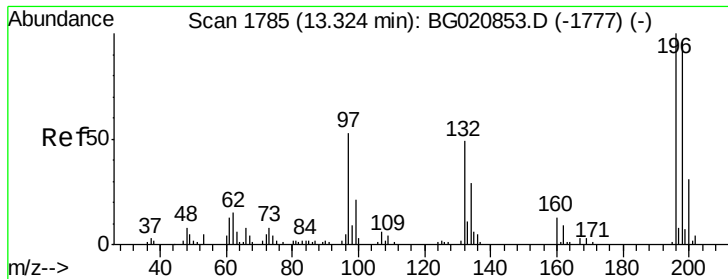
Tgt Ion:	216	Resp:	1308
Ion	Ratio	Lower	Upper
216	100		
214	74.7	61.9	92.9
179	5.5	16.5	24.7#
108	0.0	15.1	22.7#



#41
 2,4,6-Tribromophenol
 Concen: 126.41 ng
 RT: 16.36 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: BG020867.D
 Acq: 11 Feb 2016 22:05

Tgt Ion:	330	Resp:	82923
Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.1	114.1
141	39.7	32.0	48.0





#42

2,4,6-Trichlorophenol

Concen: 0.64 ng

RT: 13.39 min Scan# 1796

Delta R.T. 0.07 min

Lab File: BG020867.D

Acq: 11 Feb 2016 22:05

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2016-01

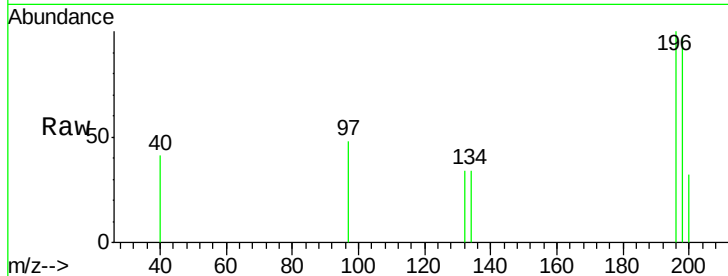
Tgt Ion:196 Resp: 844

Ion Ratio Lower Upper

196 100

198 97.2 77.1 115.7

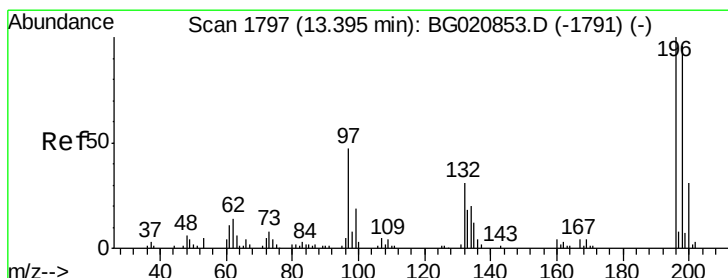
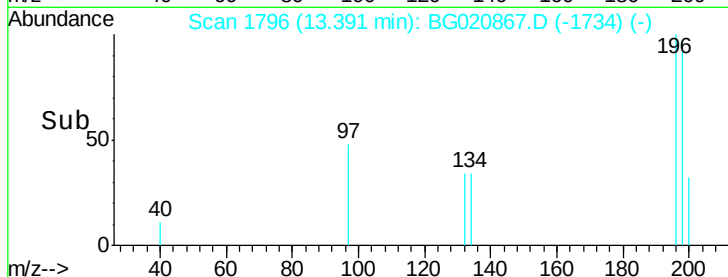
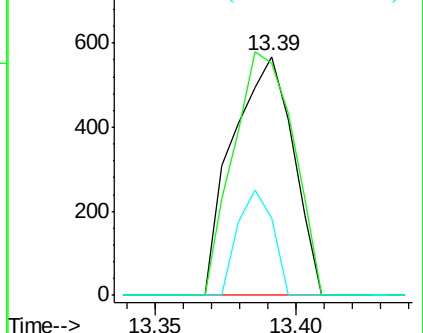
200 32.3 24.7 37.1



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 0.61 ng

RT: 13.39 min Scan# 1796

Delta R.T. -0.00 min

Lab File: BG020867.D

Acq: 11 Feb 2016 22:05

Tgt Ion:196 Resp: 844

Ion Ratio Lower Upper

196 100

198 97.2 76.4 114.6

97 47.6 37.4 56.0

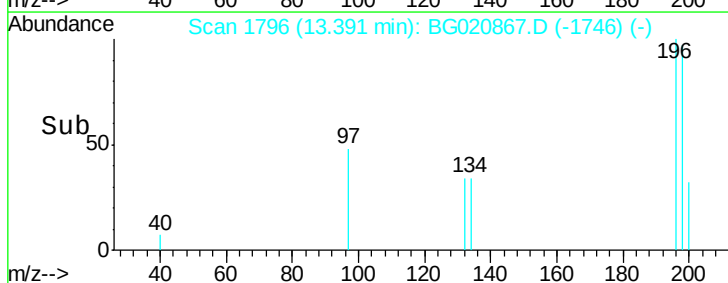
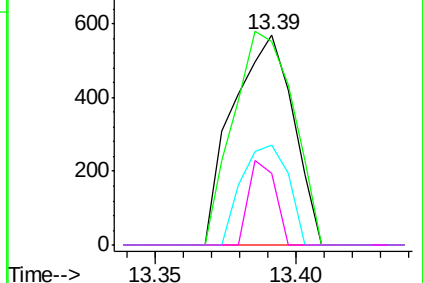
132 34.1 24.7 37.1

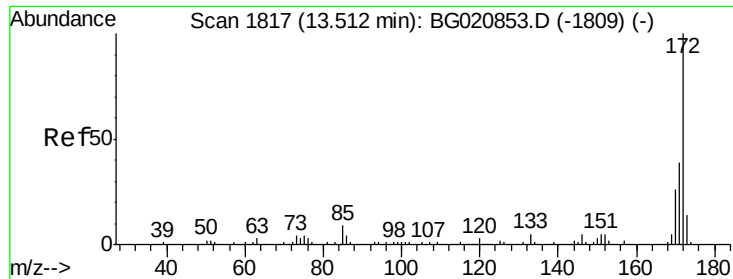
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

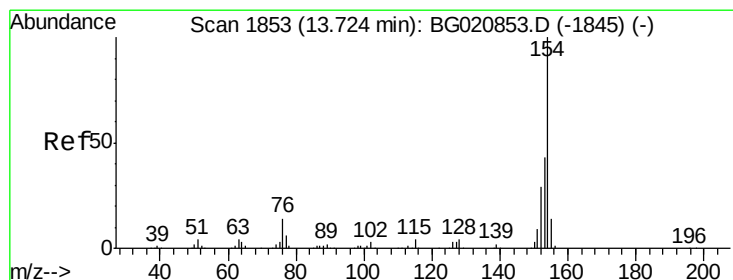
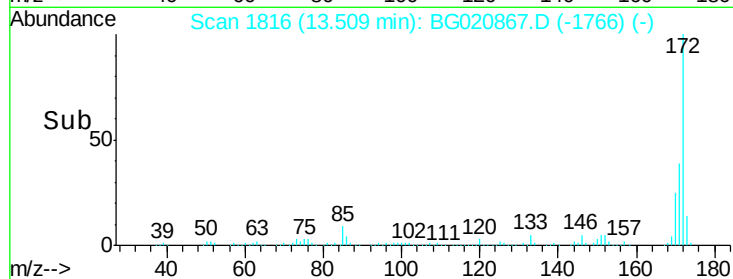
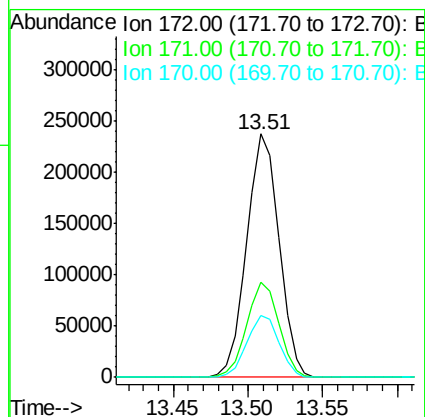
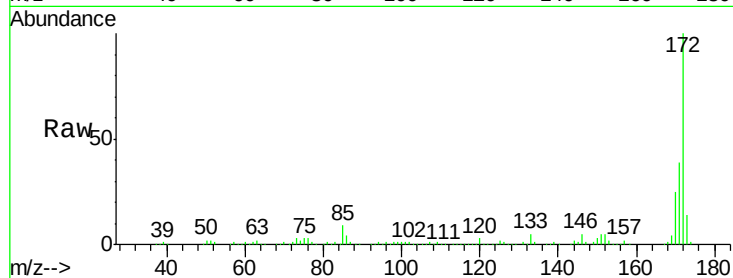




#44
 2-Fluorobiphenyl
 Concen: 74.80 ng
 RT: 13.51 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: BG020867.D
 Acq: 11 Feb 2016 22:05

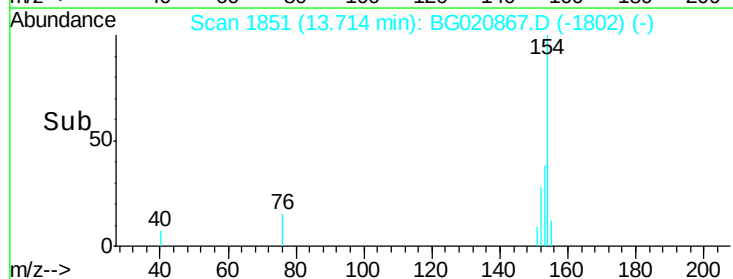
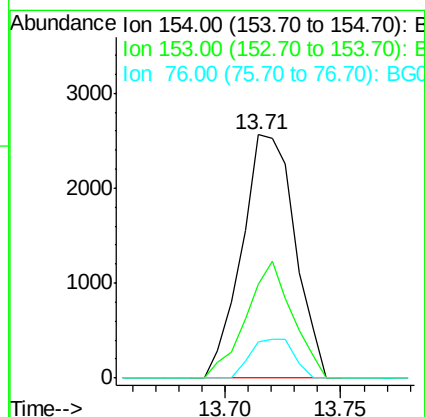
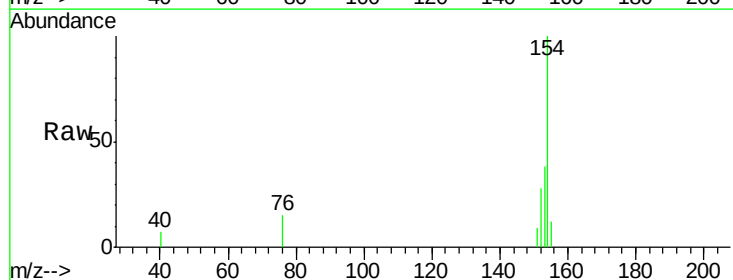
Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER2016-01

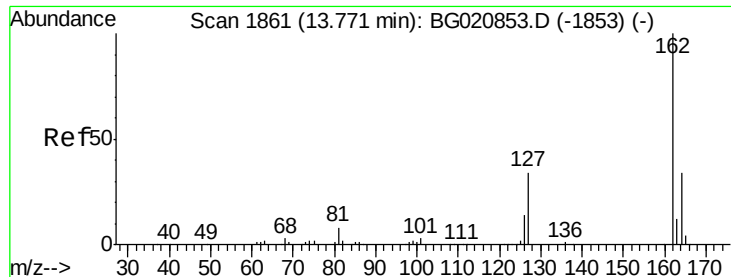
Tgt Ion:	172	Resp:	355209
Ion	Ratio	Lower	Upper
172	100		
171	39.0	31.2	46.8
170	25.5	20.6	30.8



#45
 1,1'-Biphenyl
 Concen: 0.69 ng
 RT: 13.71 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BG020867.D
 Acq: 11 Feb 2016 22:05

Tgt Ion:	154	Resp:	4088
Ion	Ratio	Lower	Upper
154	100		
153	38.4	22.5	62.5
76	14.9	0.0	33.8

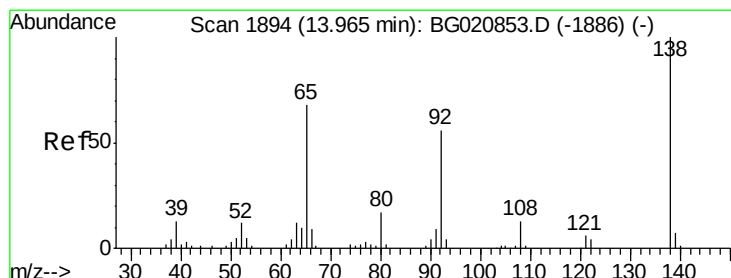
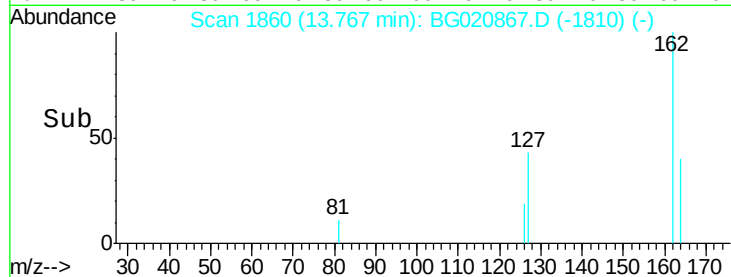
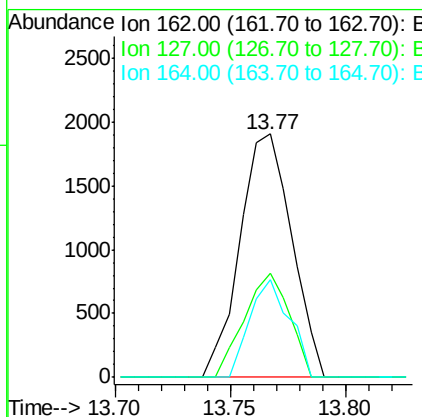
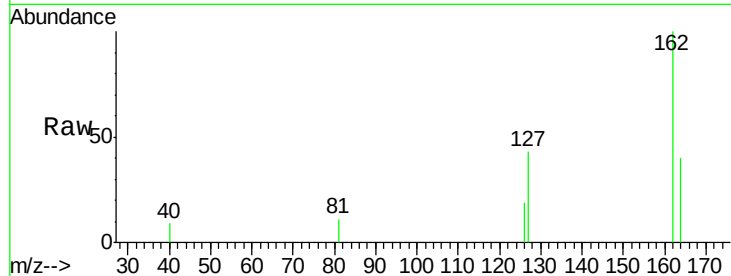




#46
 2-Chloronaphthalene
 Concen: 0.71 ng
 RT: 13.77 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: BG020867.D
 Acq: 11 Feb 2016 22:05

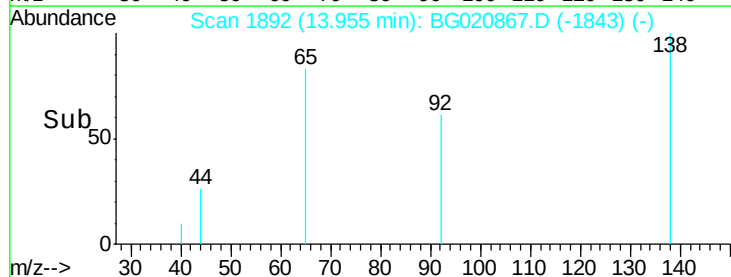
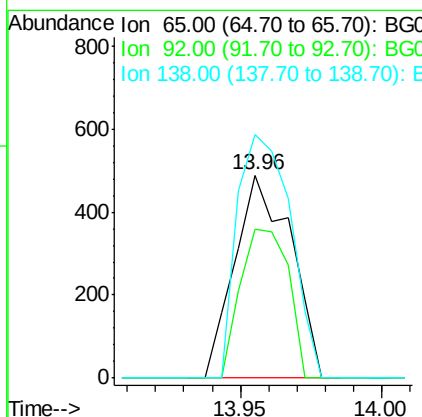
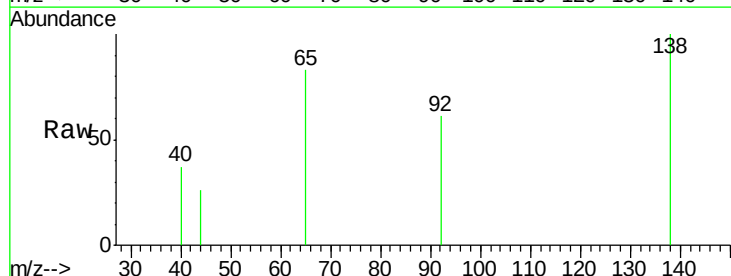
Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER2016-01

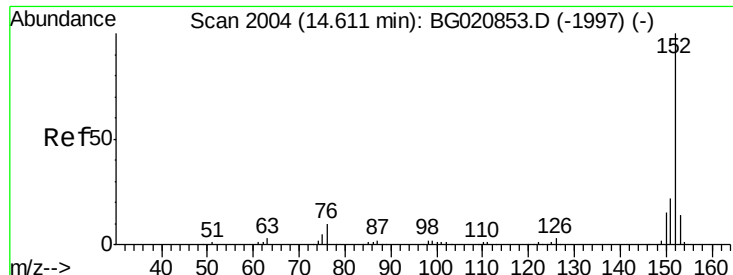
Tgt Ion: 162 Resp: 2973
 Ion Ratio Lower Upper
 162 100
 127 42.6 30.6 45.8
 164 40.2 26.8 40.2#



#47
 2-Nitroaniline
 Concen: 0.67 ng
 RT: 13.96 min Scan# 1892
 Delta R.T. -0.01 min
 Lab File: BG020867.D
 Acq: 11 Feb 2016 22:05

Tgt Ion: 65 Resp: 673
 Ion Ratio Lower Upper
 65 100
 92 73.4 65.8 98.8
 138 120.0 117.1 175.7





#48

Acenaphthylene

Concen: 0.70 ng

RT: 14.60 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BG020867.D

Acq: 11 Feb 2016 22:05

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2016-01

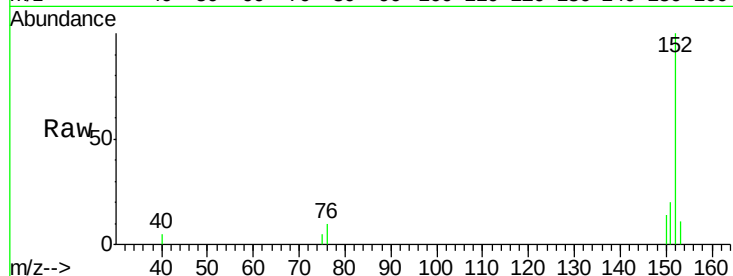
Tgt Ion:152 Resp: 5144

Ion Ratio Lower Upper

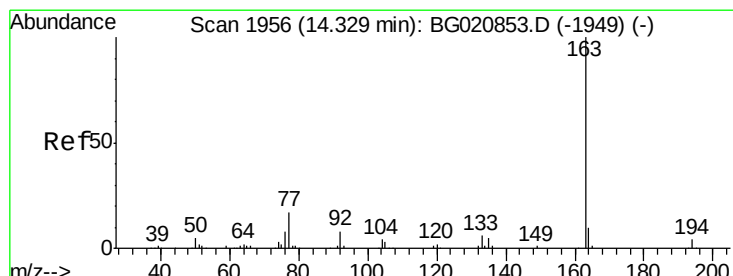
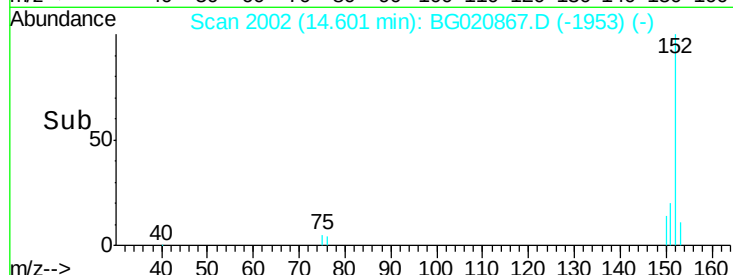
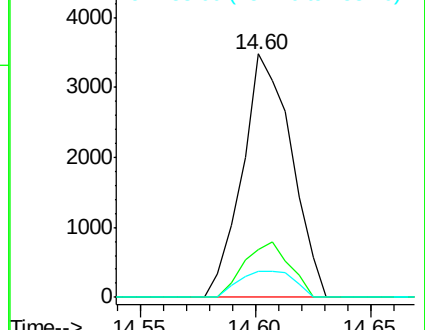
152 100

151 19.5 17.5 26.3

153 10.8 10.9 16.3#



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



#49

Dimethylphthalate

Concen: 0.71 ng

RT: 14.32 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BG020867.D

Acq: 11 Feb 2016 22:05

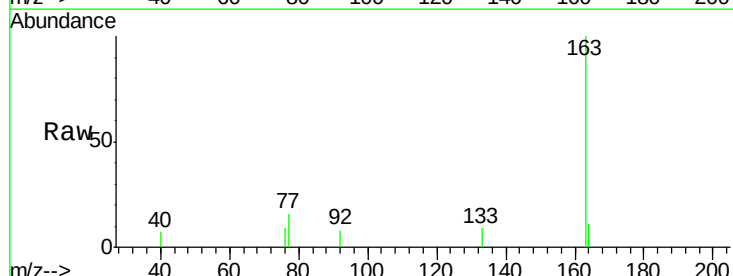
Tgt Ion:163 Resp: 3714

Ion Ratio Lower Upper

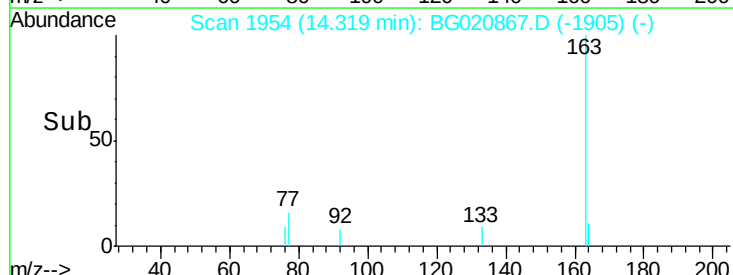
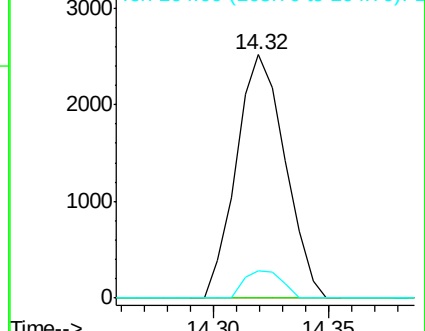
163 100

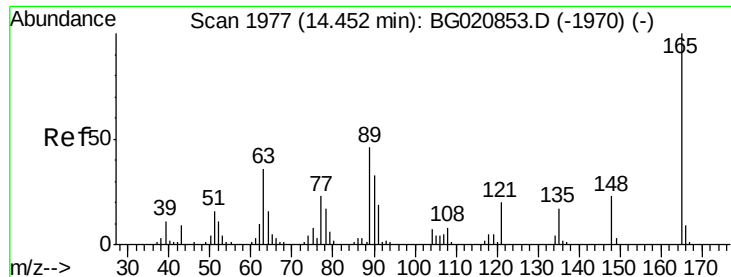
194 0.0 3.1 4.7#

164 11.0 8.3 12.5



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

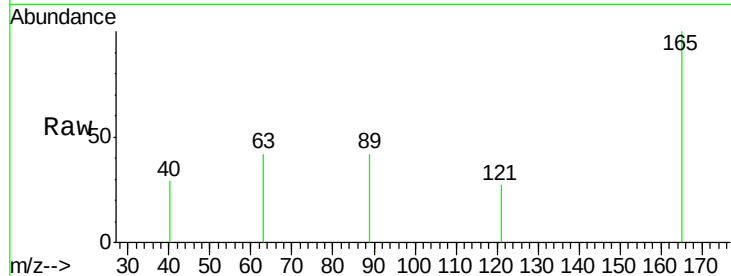




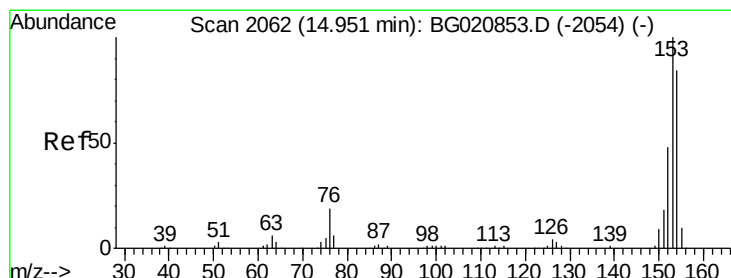
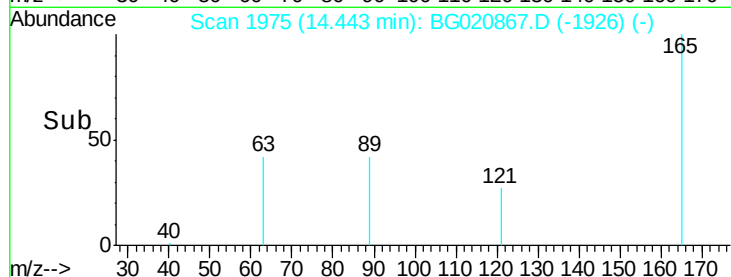
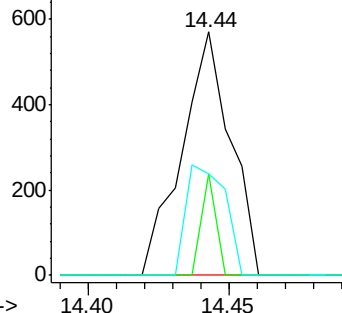
#50
 2,6-Dinitrotoluene
 Concen: 0.61 ng
 RT: 14.44 min Scan# 1975
 Delta R.T. -0.01 min
 Lab File: BG020867.D
 Acq: 11 Feb 2016 22:05

Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER2016-01

Tgt Ion:165 Resp: 684
 Ion Ratio Lower Upper
 165 100
 63 41.7 30.3 45.5
 89 41.7 36.9 55.3

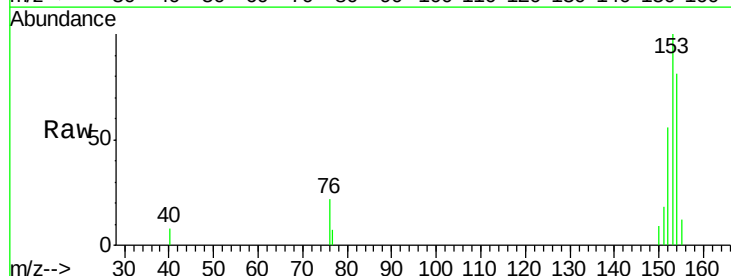


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGO
 Ion 89.00 (88.70 to 89.70): BGO

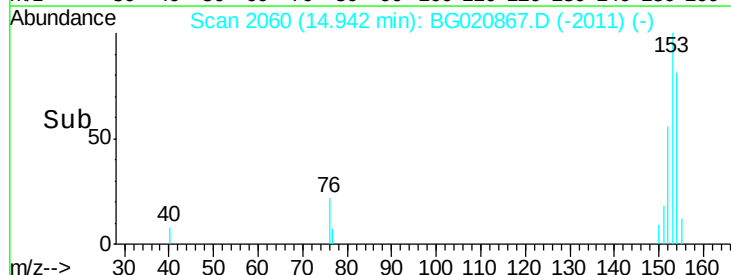
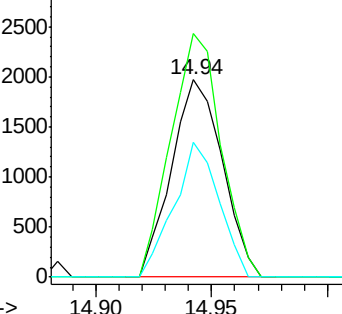


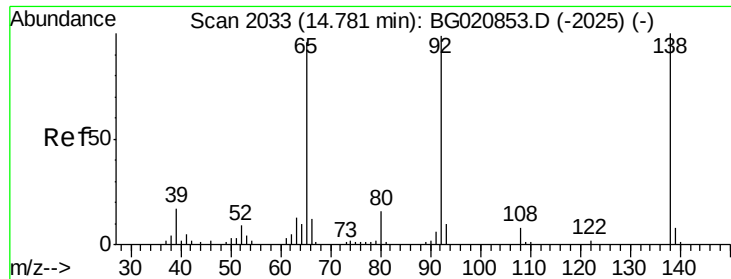
#51
 Acenaphthene
 Concen: 0.68 ng
 RT: 14.94 min Scan# 2060
 Delta R.T. -0.01 min
 Lab File: BG020867.D
 Acq: 11 Feb 2016 22:05

Tgt Ion:154 Resp: 3018
 Ion Ratio Lower Upper
 154 100
 153 123.5 95.4 143.0
 152 68.6 46.1 69.1



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

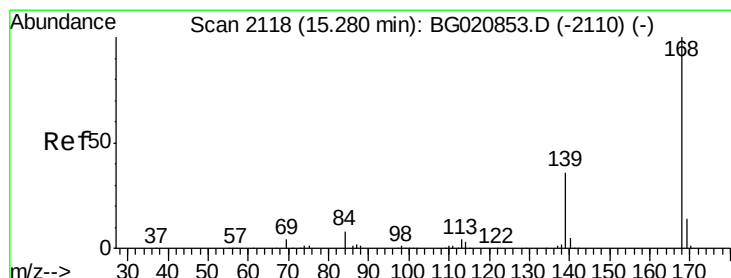
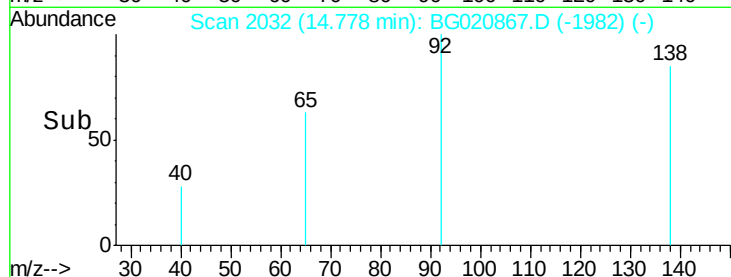
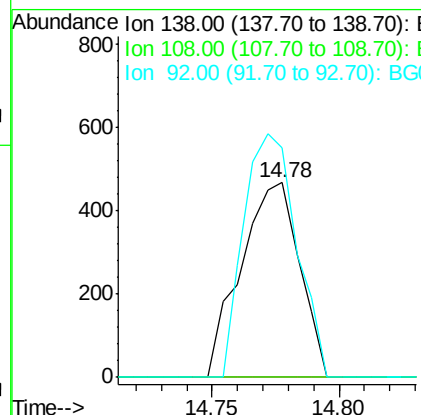
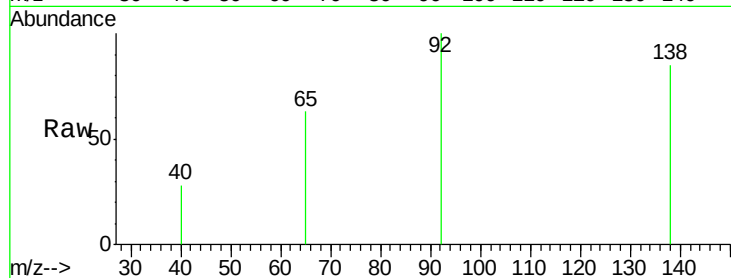




#52
 3-Nitroaniline
 Concen: 0.58 ng
 RT: 14.78 min Scan# 2032
 Delta R.T. -0.00 min
 Lab File: BG020867.D
 Acq: 11 Feb 2016 22:05

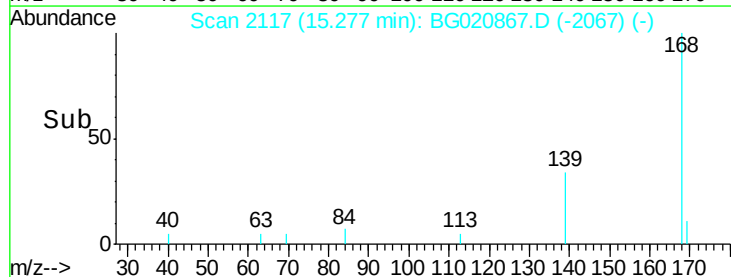
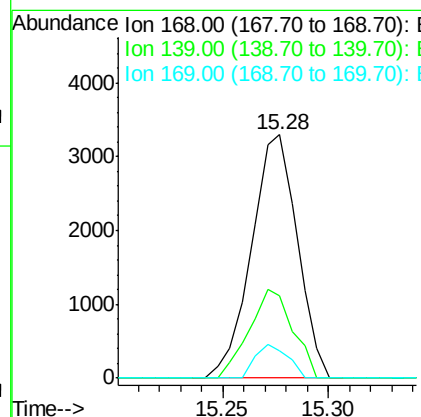
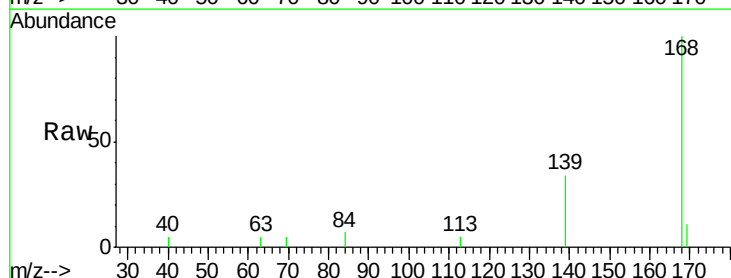
Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER2016-01

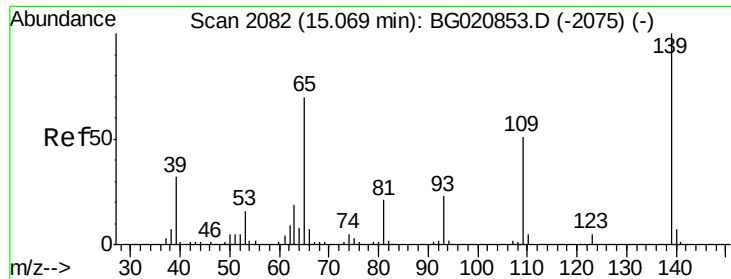
Tgt Ion:138 Resp: 755
 Ion Ratio Lower Upper
 138 100
 108 0.0 6.2 9.2#
 92 117.7 79.5 119.3



#54
 Dibenzofuran
 Concen: 0.85 ng
 RT: 15.28 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: BG020867.D
 Acq: 11 Feb 2016 22:05

Tgt Ion:168 Resp: 4969
 Ion Ratio Lower Upper
 168 100
 139 33.7 28.5 42.7
 169 11.5 11.0 16.4

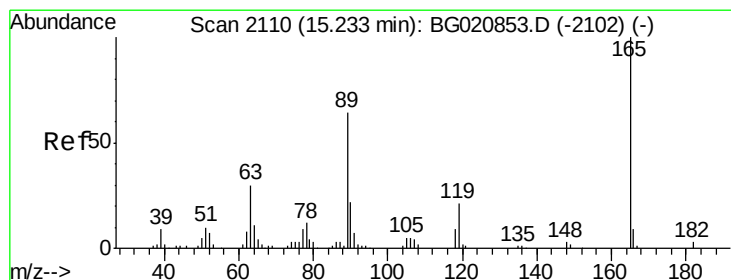
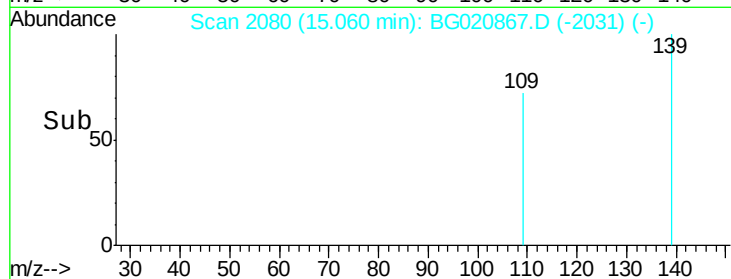
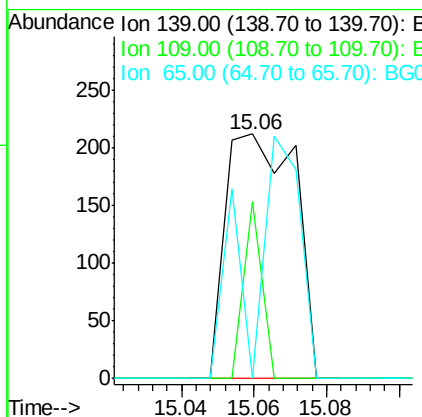
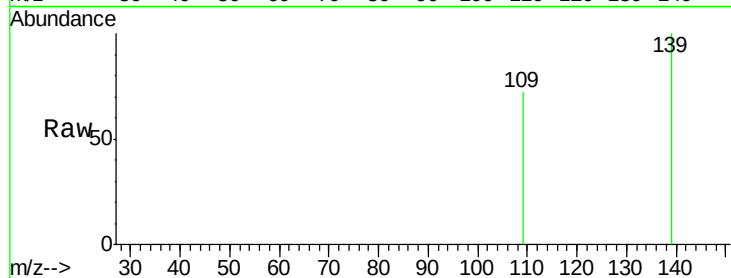




#55
 4-Nitrophenol
 Concen: 0.29 ng
 RT: 15.06 min Scan# 2080
 Delta R.T. -0.01 min
 Lab File: BG020867.D
 Acq: 11 Feb 2016 22:05

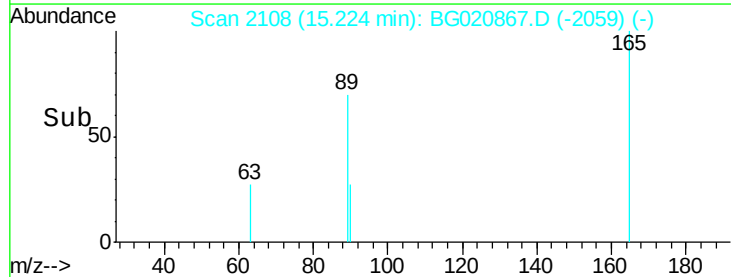
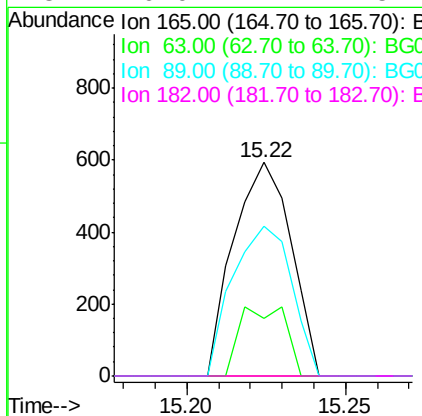
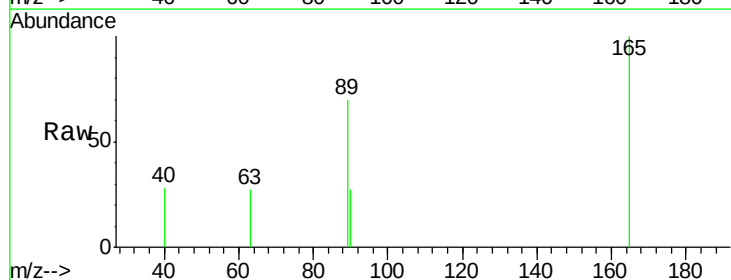
Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER2016-01

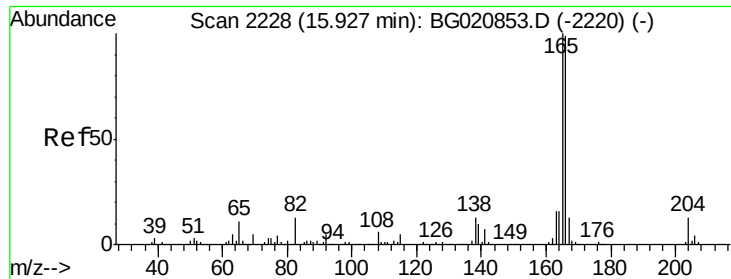
Tgt Ion:139 Resp: 282
 Ion Ratio Lower Upper
 139 100
 109 72.2 31.0 71.0#
 65 0.0 49.6 89.6#



#56
 2,4-Dinitrotoluene
 Concen: 0.52 ng
 RT: 15.22 min Scan# 2108
 Delta R.T. -0.01 min
 Lab File: BG020867.D
 Acq: 11 Feb 2016 22:05

Tgt Ion:165 Resp: 746
 Ion Ratio Lower Upper
 165 100
 63 27.1 23.7 35.5
 89 70.0 50.9 76.3
 182 0.0 2.2 3.2#





#57

Fluorene

Concen: 0.71 ng

RT: 15.92 min Scan# 2227

Delta R.T. -0.00 min

Lab File: BG020867.D

Acq: 11 Feb 2016 22:05

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2016-01

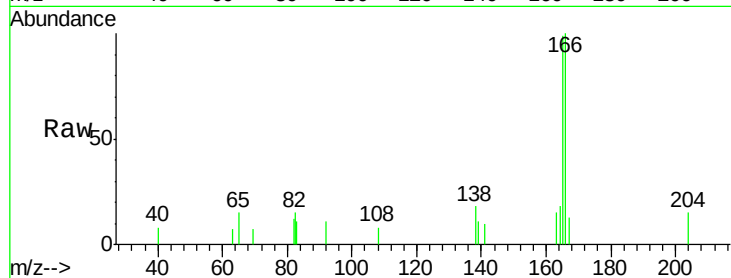
Tgt Ion:166 Resp: 3828

Ion Ratio Lower Upper

166 100

165 98.8 81.0 121.4

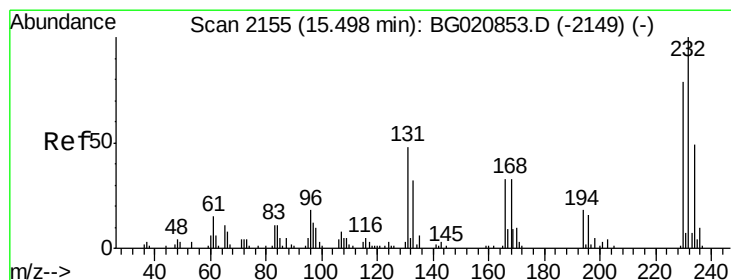
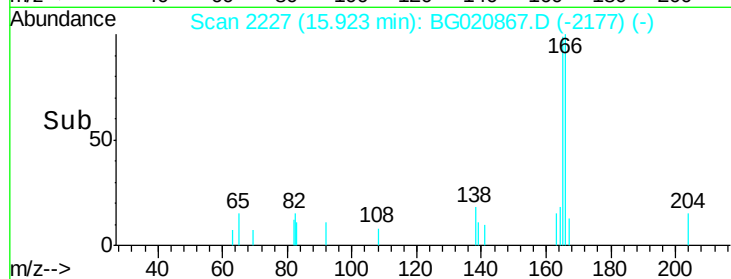
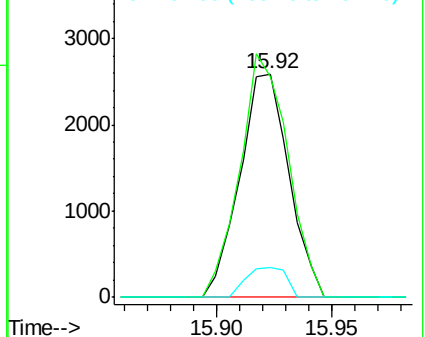
167 13.1 10.8 16.2



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 0.58 ng

RT: 15.49 min Scan# 2154

Delta R.T. -0.00 min

Lab File: BG020867.D

Acq: 11 Feb 2016 22:05

Tgt Ion:232 Resp: 613

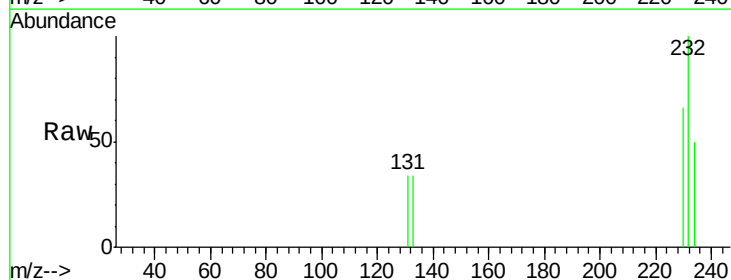
Ion Ratio Lower Upper

232 100

131 39.2 39.2 58.8#

130 0.0 2.0 3.0#

166 10.9 25.8 38.8#

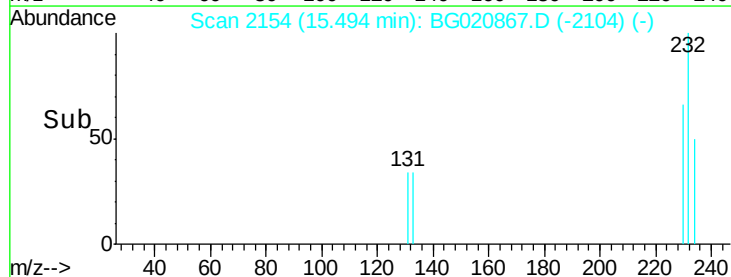
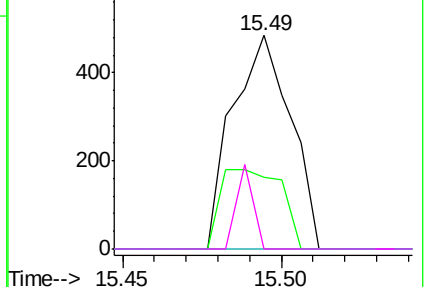


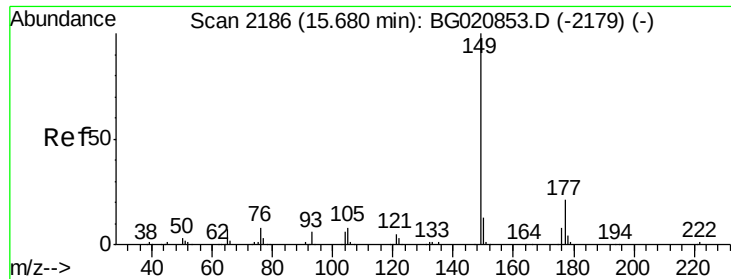
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

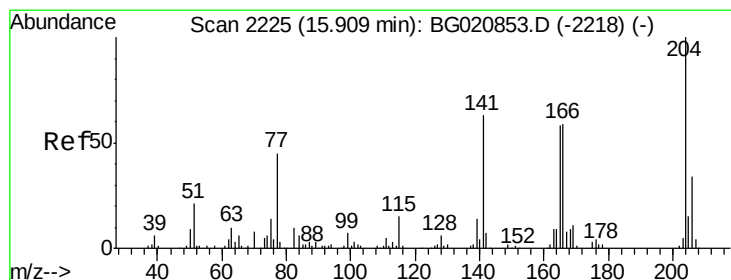
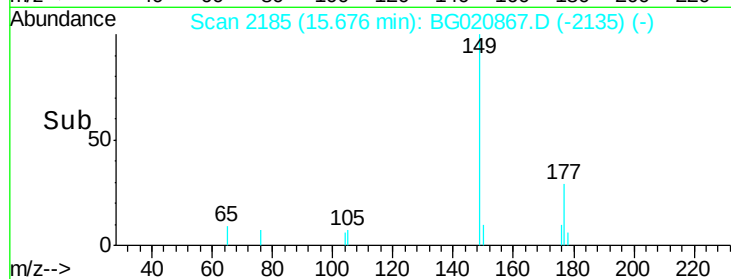
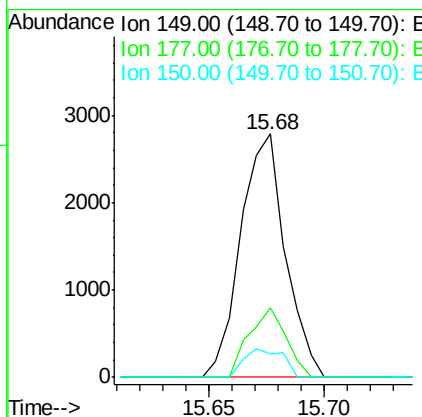
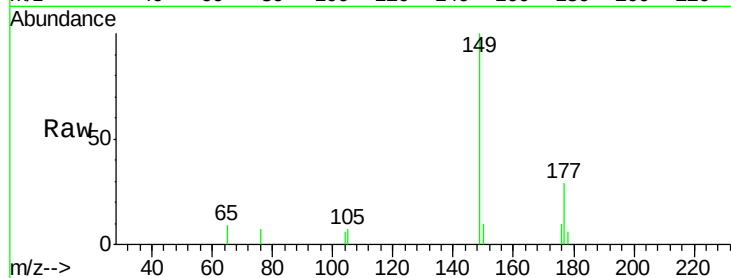




#59
Diethylphthalate
Concen: 0.70 ng
RT: 15.68 min Scan# 2185
Delta R.T. -0.00 min
Lab File: BG020867.D
Acq: 11 Feb 2016 22:05

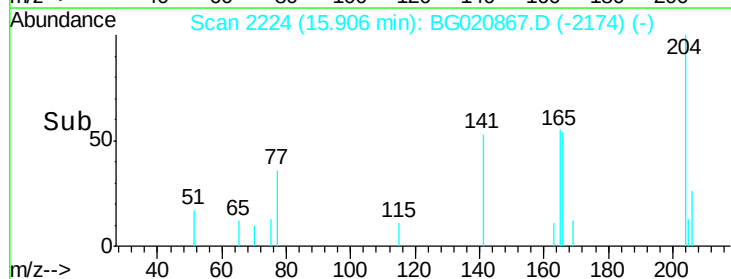
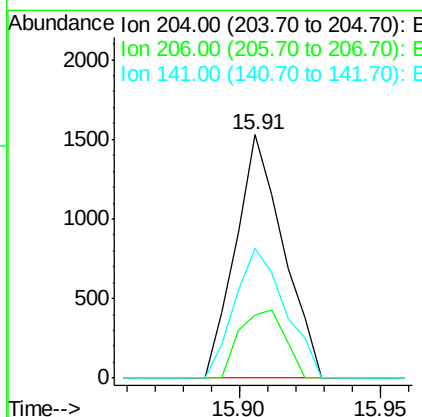
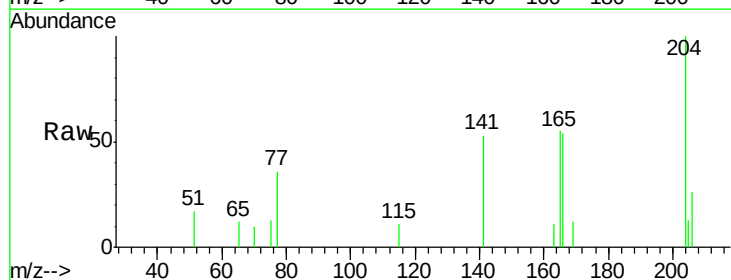
Instrument :
BNA_G
ClientSampleId :
LOD-WATER2016-01

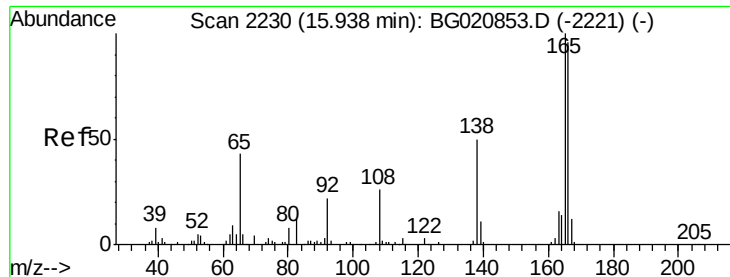
Tgt Ion:149 Resp: 3758
Ion Ratio Lower Upper
149 100
177 28.5 16.9 25.3#
150 9.8 10.1 15.1#



#60
4-Chlorophenyl-phenylether
Concen: 0.74 ng
RT: 15.91 min Scan# 2224
Delta R.T. -0.00 min
Lab File: BG020867.D
Acq: 11 Feb 2016 22:05

Tgt Ion:204 Resp: 1789
Ion Ratio Lower Upper
204 100
206 25.9 26.9 40.3#
141 53.0 50.3 75.5

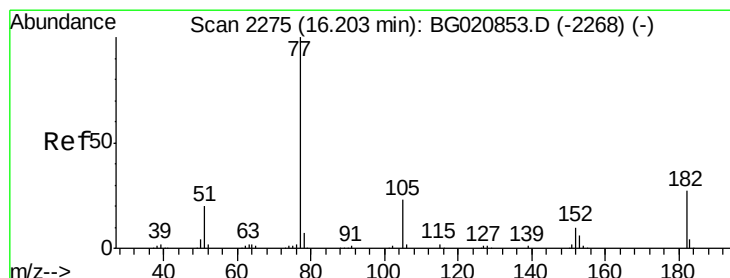
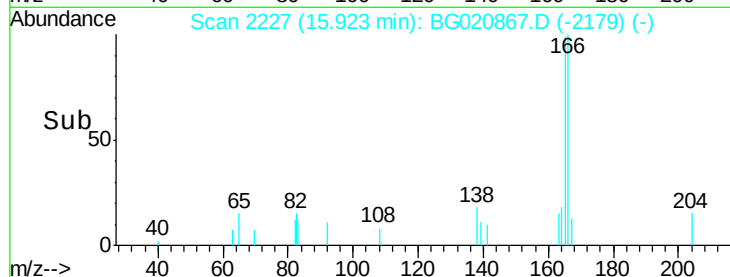
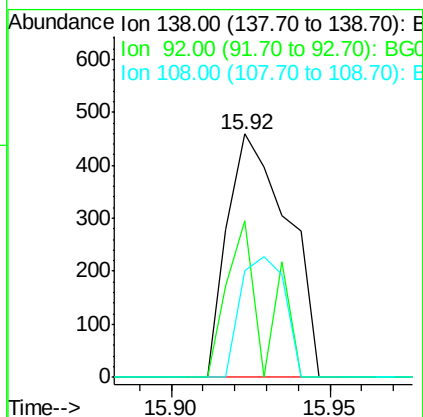
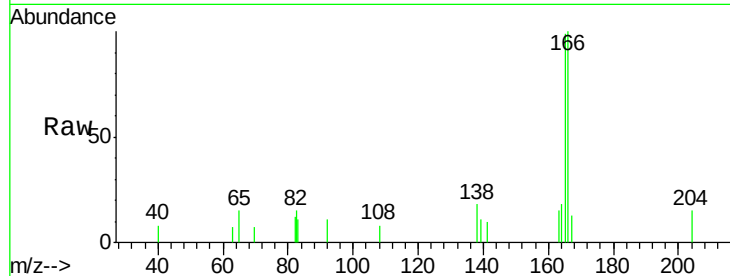




#61
4-Nitroaniline
Concen: 0.46 ng
RT: 15.92 min Scan# 2227
Delta R.T. -0.02 min
Lab File: BG020867.D
Acq: 11 Feb 2016 22:05

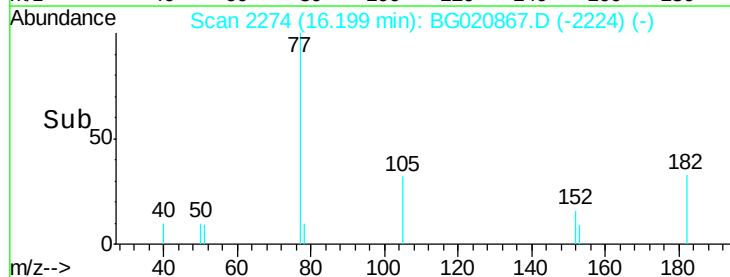
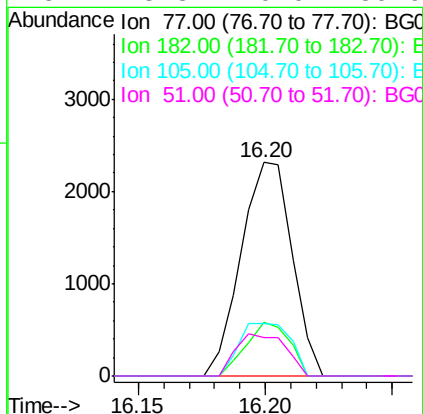
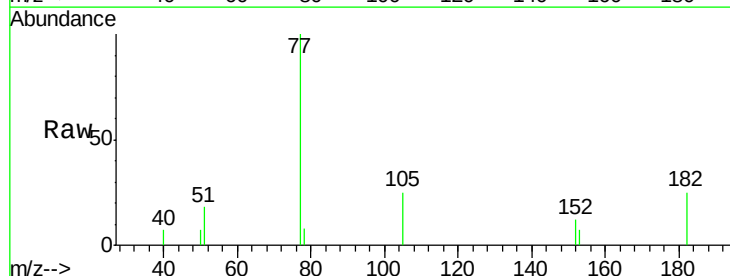
Instrument :
BNA_G
ClientSampleId :
LOD-WATER2016-01

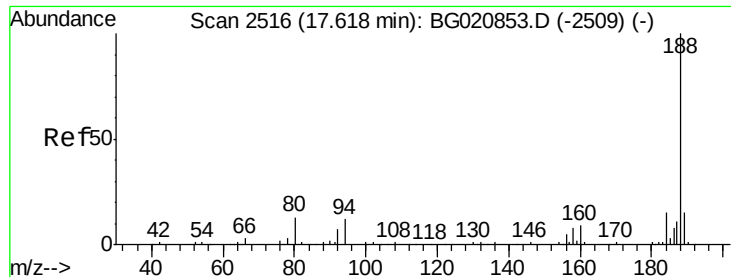
Tgt Ion: 138 Resp: 605
Ion Ratio Lower Upper
138 100
92 64.5 24.1 64.1#
108 44.0 32.4 72.4



#62
Azobenzene
Concen: 0.77 ng
RT: 16.20 min Scan# 2274
Delta R.T. -0.00 min
Lab File: BG020867.D
Acq: 11 Feb 2016 22:05

Tgt Ion: 77 Resp: 3252
Ion Ratio Lower Upper
77 100
182 25.1 6.8 46.8
105 24.6 3.4 43.4
51 18.3 0.0 39.9

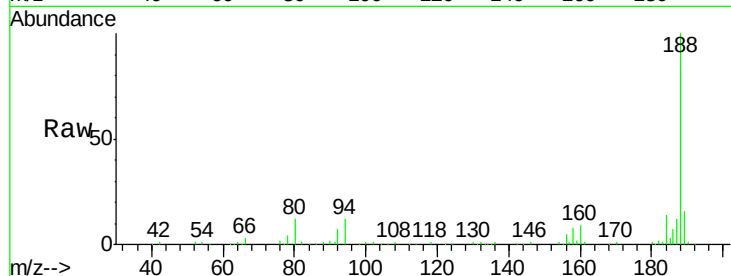




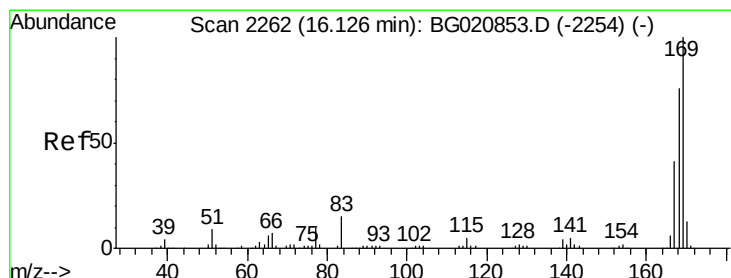
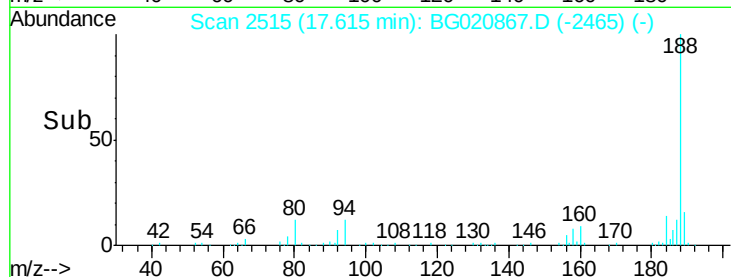
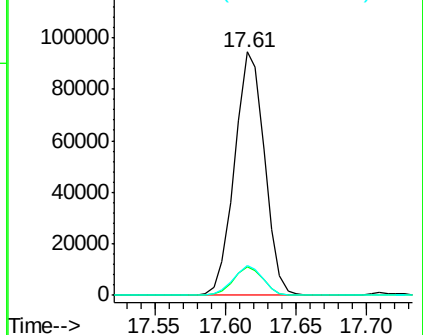
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.61 min Scan# 2515
 Delta R.T. -0.00 min
 Lab File: BG020867.D
 Acq: 11 Feb 2016 22:05

Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER2016-01

Tgt Ion:188 Resp: 139836
 Ion Ratio Lower Upper
 188 100
 94 11.7 9.4 14.0
 80 12.1 10.2 15.4

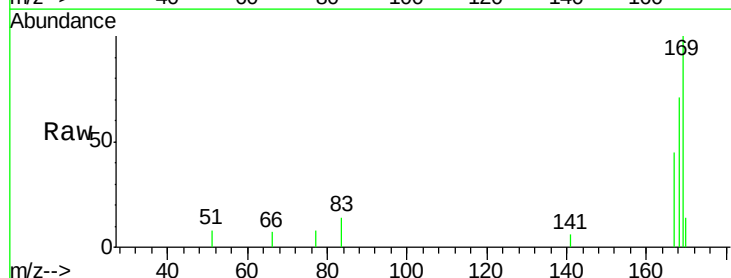


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

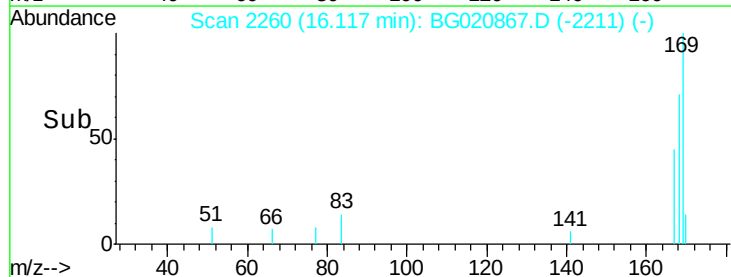
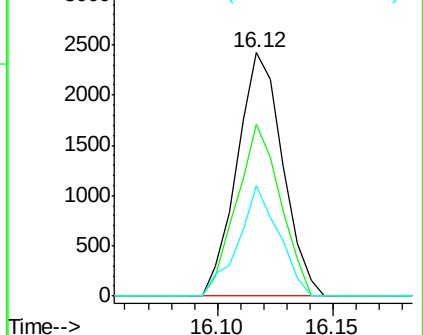


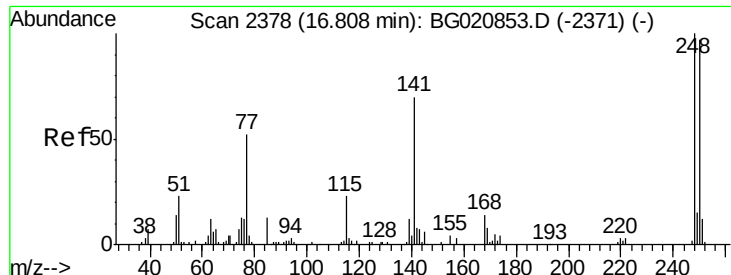
#65
 n-Nitrosodiphenylamine
 Concen: 0.74 ng
 RT: 16.12 min Scan# 2260
 Delta R.T. -0.01 min
 Lab File: BG020867.D
 Acq: 11 Feb 2016 22:05

Tgt Ion:169 Resp: 3325
 Ion Ratio Lower Upper
 169 100
 168 70.6 60.7 91.1
 167 45.4 32.8 49.2



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

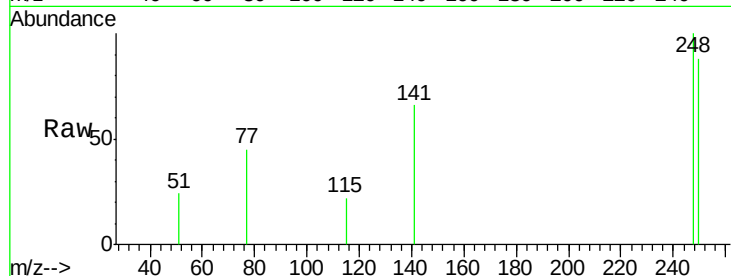




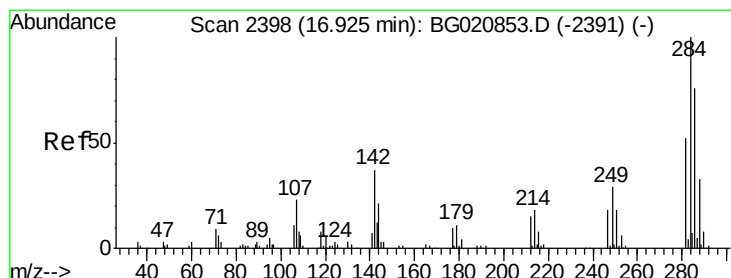
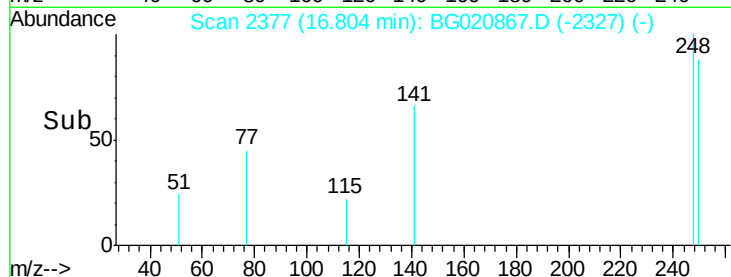
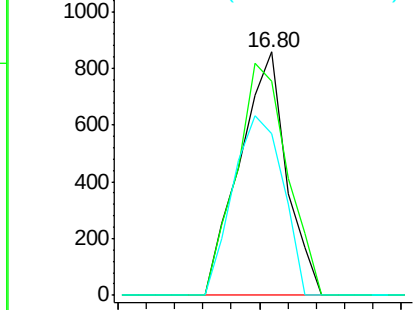
#66
 4-Bromophenyl-phenylether
 Concen: 0.67 ng
 RT: 16.80 min Scan# 2377
 Delta R.T. -0.00 min
 Lab File: BG020867.D
 Acq: 11 Feb 2016 22:05

Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER2016-01

Tgt Ion:248 Resp: 983
 Ion Ratio Lower Upper
 248 100
 250 88.0 77.4 116.2
 141 66.3 55.7 83.5

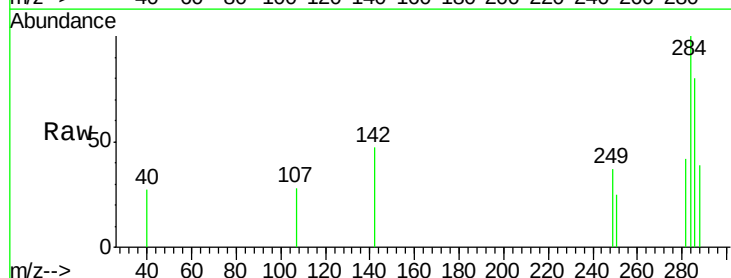


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

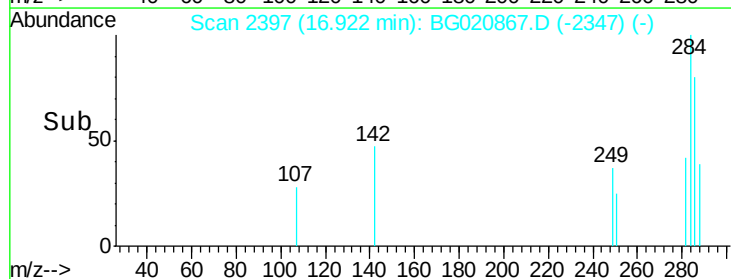
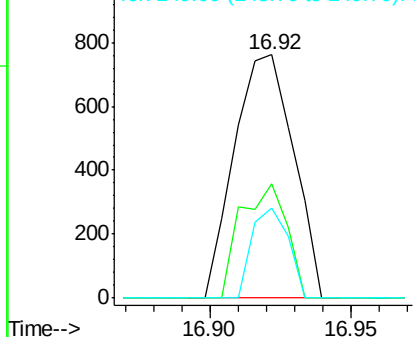


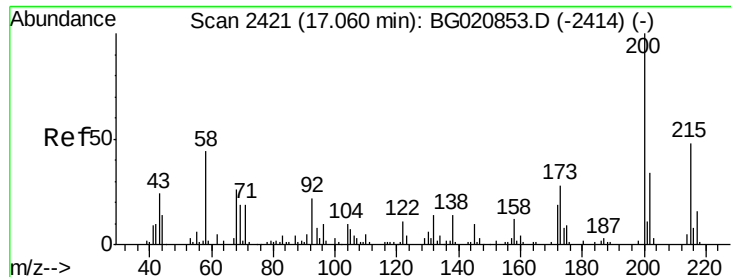
#67
 Hexachlorobenzene
 Concen: 0.70 ng
 RT: 16.92 min Scan# 2397
 Delta R.T. -0.00 min
 Lab File: BG020867.D
 Acq: 11 Feb 2016 22:05

Tgt Ion:284 Resp: 1106
 Ion Ratio Lower Upper
 284 100
 142 47.1 29.9 44.9#
 249 36.7 23.3 34.9#



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#68

Atrazine

Concen: 0.67 ng

RT: 17.05 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BG020867.D

Acq: 11 Feb 2016 22:05

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2016-01

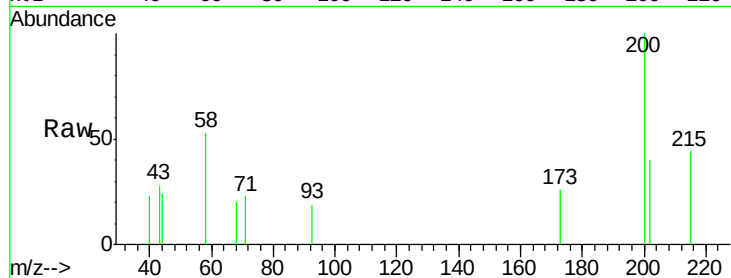
Tgt Ion:200 Resp: 919

Ion Ratio Lower Upper

200 100

173 26.2 8.4 48.4

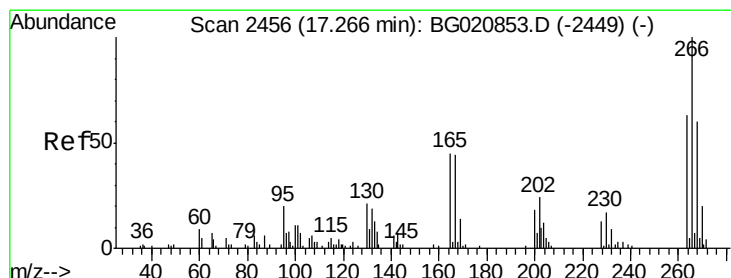
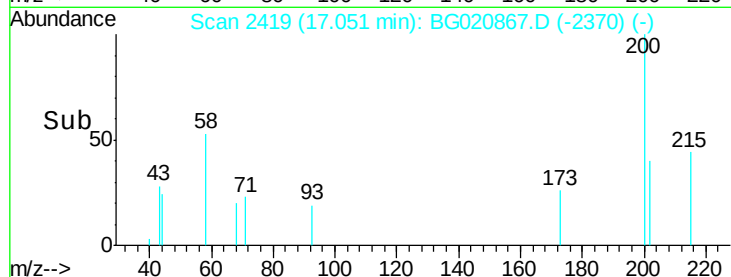
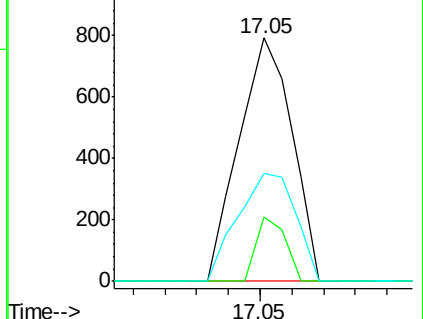
215 44.1 28.2 68.2



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



#69

Pentachlorophenol

Concen: 0.07 ng

RT: 17.27 min Scan# 2456

Delta R.T. 0.00 min

Lab File: BG020867.D

Acq: 11 Feb 2016 22:05

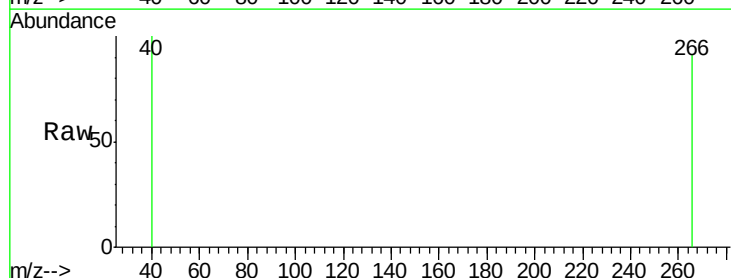
Tgt Ion:266 Resp: 66

Ion Ratio Lower Upper

266 100

268 0.0 47.8 71.6#

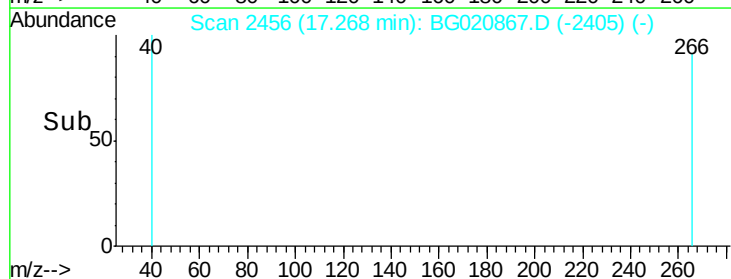
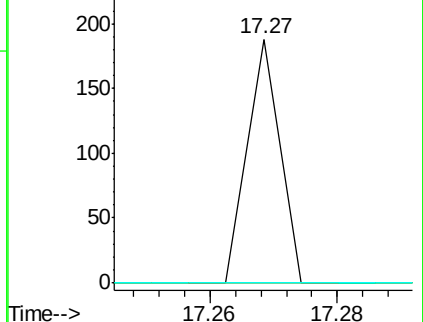
264 0.0 50.2 75.4#

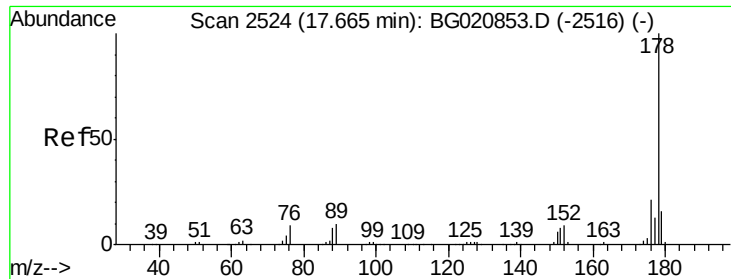


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 0.78 ng

RT: 17.66 min Scan# 2523

Delta R.T. -0.00 min

Lab File: BG020867.D

Acq: 11 Feb 2016 22:05

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2016-01

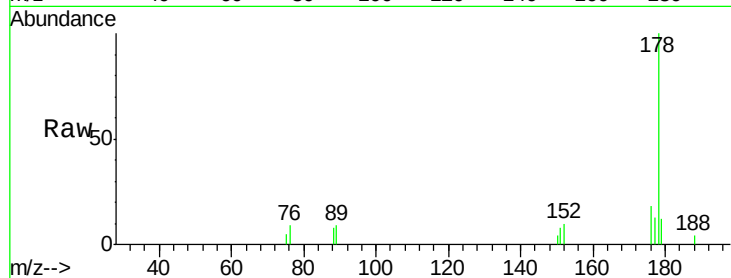
Tgt Ion:178 Resp: 6245

Ion Ratio Lower Upper

178 100

176 18.0 16.8 25.2

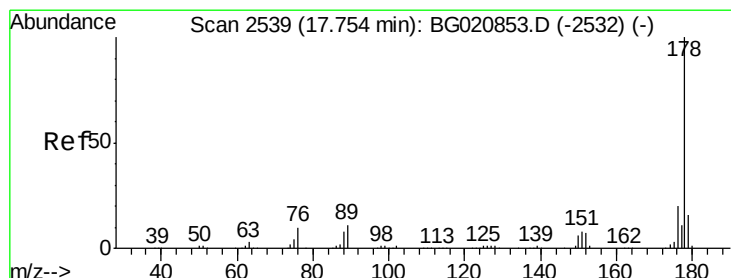
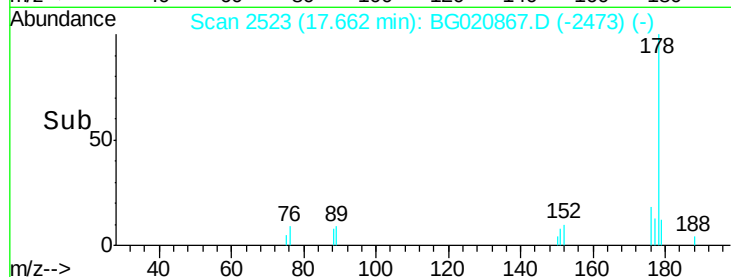
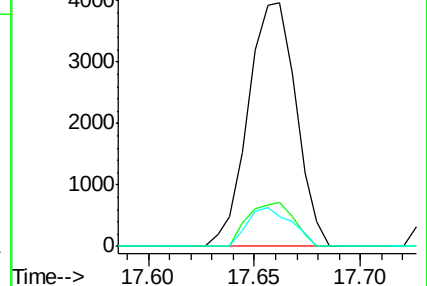
179 12.4 12.6 19.0#



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



#71

Anthracene

Concen: 0.74 ng

RT: 17.75 min Scan# 2538

Delta R.T. -0.00 min

Lab File: BG020867.D

Acq: 11 Feb 2016 22:05

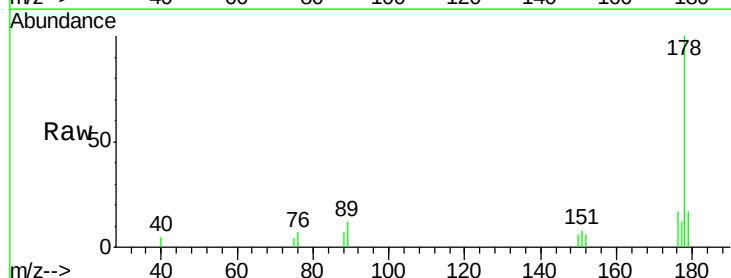
Tgt Ion:178 Resp: 5944

Ion Ratio Lower Upper

178 100

176 16.6 16.2 24.4

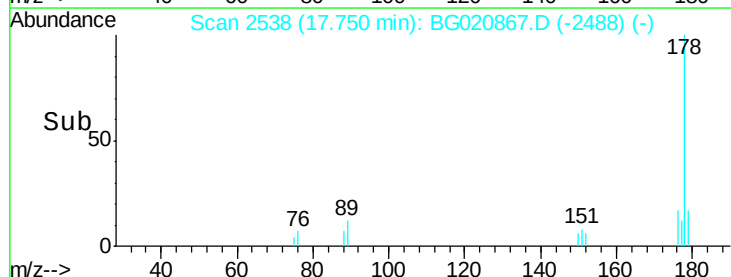
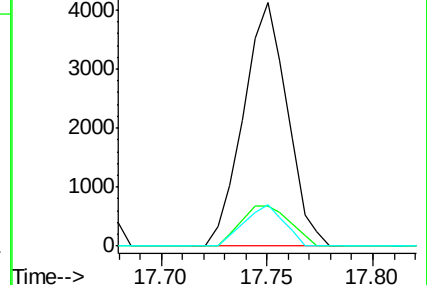
179 17.1 12.7 19.1

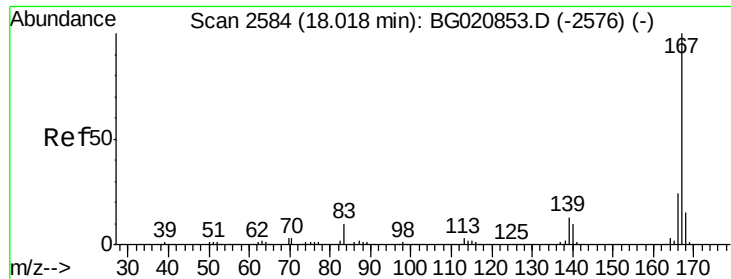


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 0.72 ng

RT: 18.01 min Scan# 2583

Delta R.T. -0.00 min

Lab File: BG020867.D

Acq: 11 Feb 2016 22:05

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2016-01

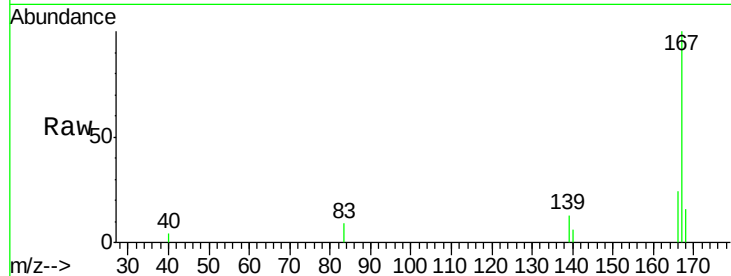
Tgt Ion:167 Resp: 5248

Ion Ratio Lower Upper

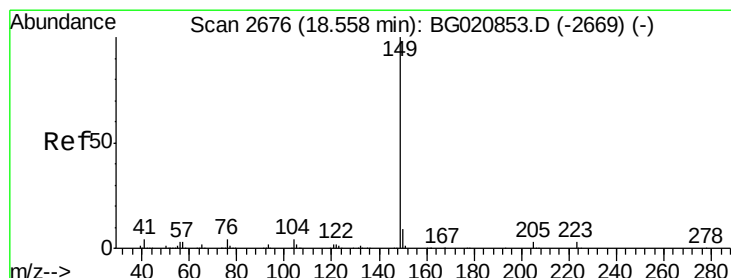
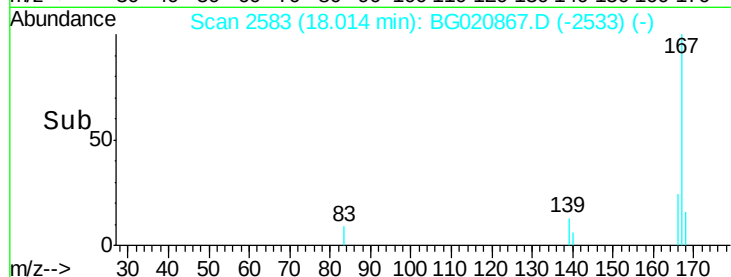
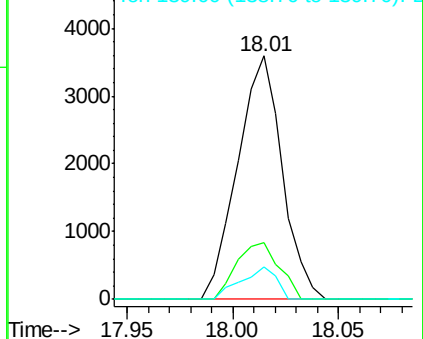
167 100

166 23.5 19.3 28.9

139 13.2 10.2 15.4



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 0.67 ng

RT: 18.55 min Scan# 2675

Delta R.T. -0.00 min

Lab File: BG020867.D

Acq: 11 Feb 2016 22:05

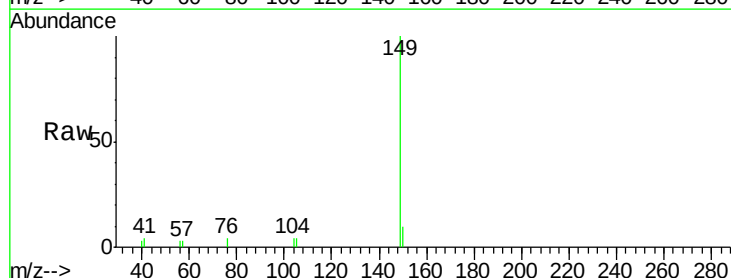
Tgt Ion:149 Resp: 6237

Ion Ratio Lower Upper

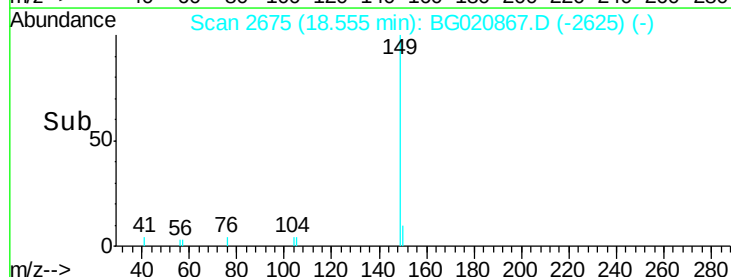
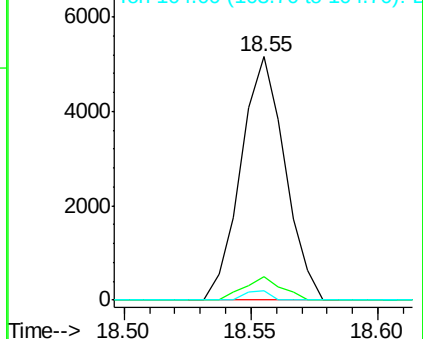
149 100

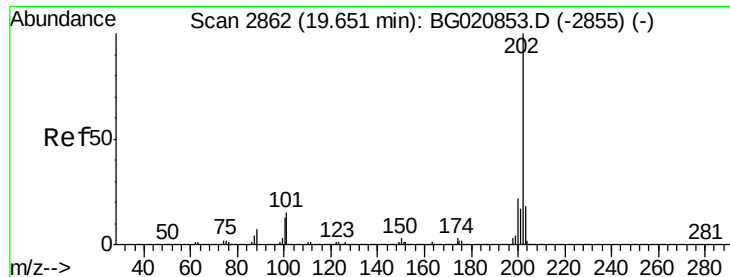
150 9.9 7.6 11.4

104 3.7 3.4 5.0



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





#74

Fluoranthene

Concen: 0.71 ng

RT: 19.65 min Scan# 2861

Delta R.T. -0.00 min

Lab File: BG020867.D

Acq: 11 Feb 2016 22:05

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2016-01

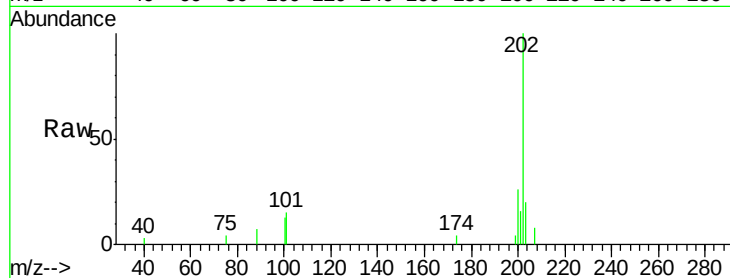
Tgt Ion:202 Resp: 6138

Ion Ratio Lower Upper

202 100

101 15.0 0.0 35.3

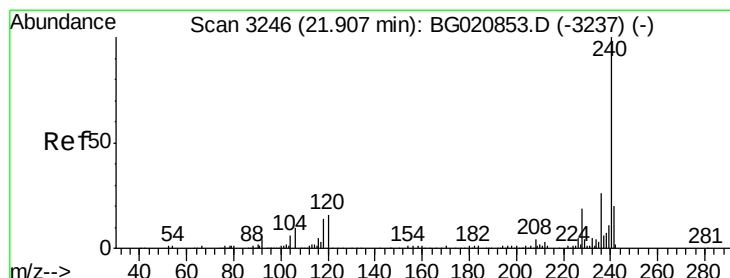
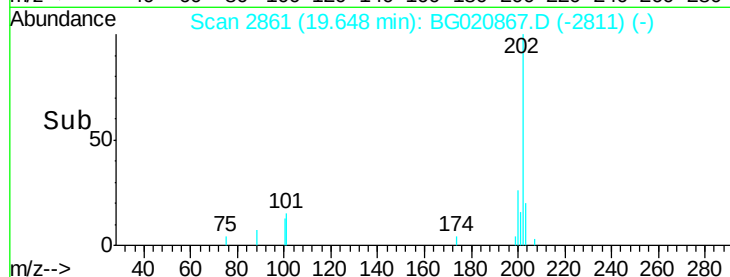
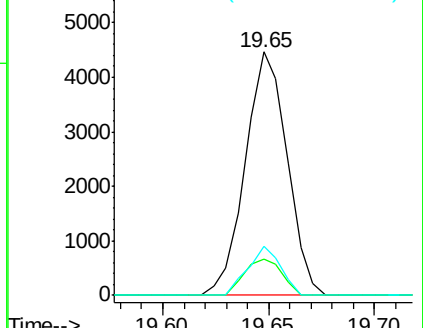
203 20.4 0.0 37.8



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.90 min Scan# 3244

Delta R.T. -0.01 min

Lab File: BG020867.D

Acq: 11 Feb 2016 22:05

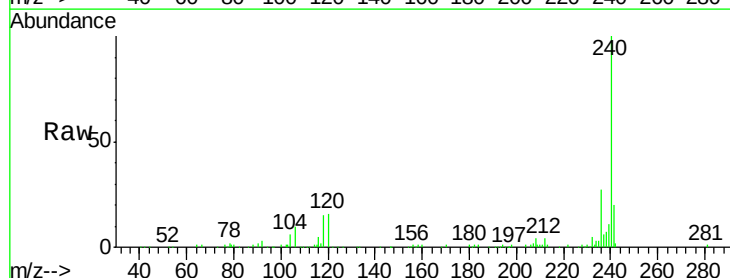
Tgt Ion:240 Resp: 131742

Ion Ratio Lower Upper

240 100

120 16.1 13.0 19.4

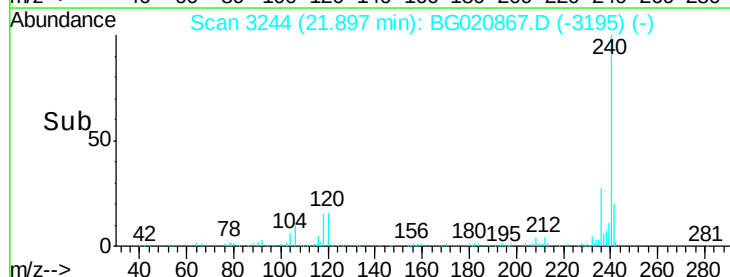
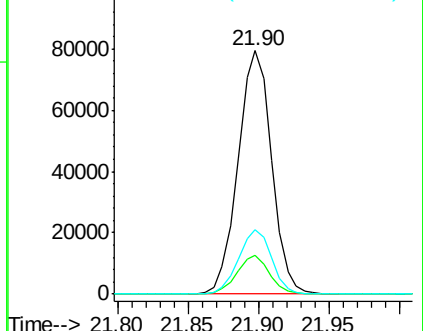
236 26.6 21.0 31.4

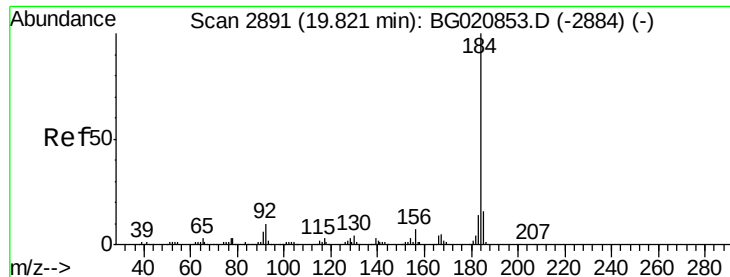


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 0.04 ng

RT: 19.82 min Scan# 2890

Delta R.T. -0.00 min

Lab File: BG020867.D

Acq: 11 Feb 2016 22:05

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2016-01

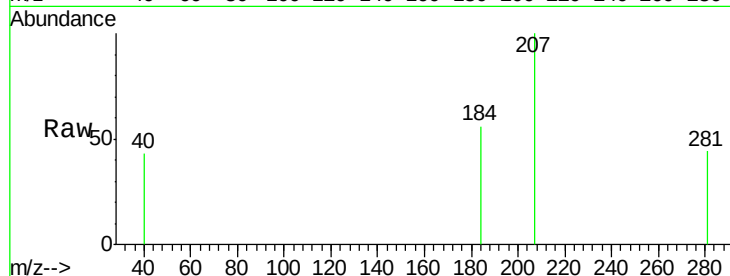
Tgt Ion:184 Resp: 183

Ion Ratio Lower Upper

184 100

185 0.0 12.6 19.0#

183 0.0 11.0 16.4#



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

19.82

200

150

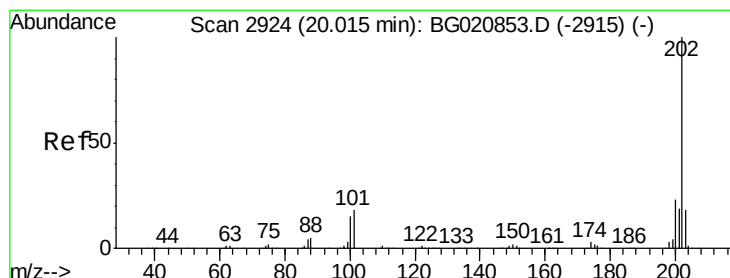
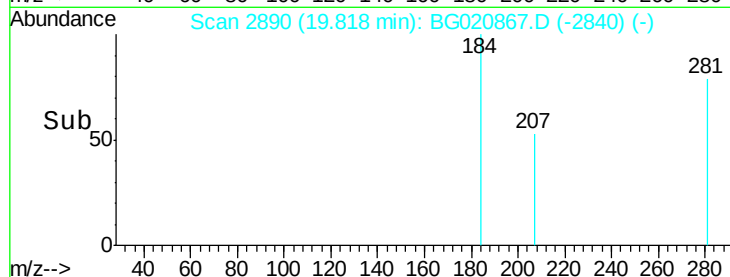
100

50

0

19.80 19.82 19.84

Time-->



#77

Pyrene

Concen: 0.75 ng

RT: 20.01 min Scan# 2922

Delta R.T. -0.01 min

Lab File: BG020867.D

Acq: 11 Feb 2016 22:05

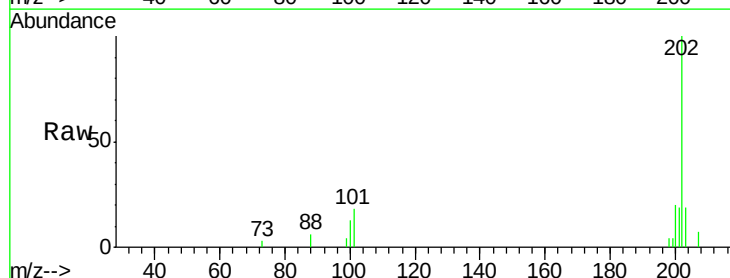
Tgt Ion:202 Resp: 6550

Ion Ratio Lower Upper

202 100

200 19.7 18.5 27.7

203 18.7 14.3 21.5



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

6000

5000

4000

3000

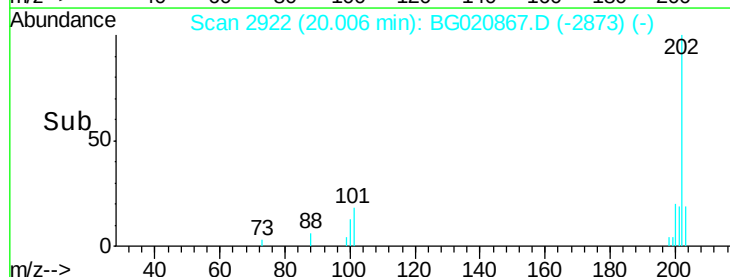
2000

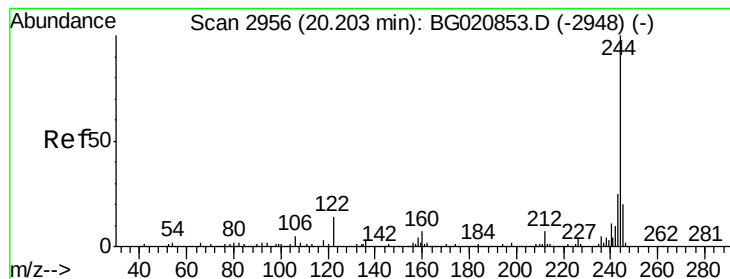
1000

0

19.95 20.00 20.05

Time-->





#78

Terphenyl-d14

Concen: 83.34 ng

RT: 20.20 min Scan# 2955

Delta R.T. -0.00 min

Lab File: BG020867.D

Acq: 11 Feb 2016 22:05

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2016-01

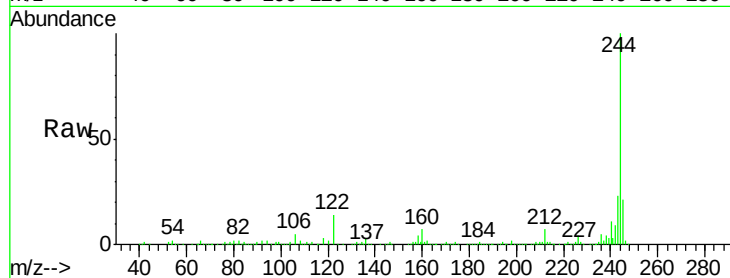
Tgt Ion:244 Resp: 470666

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

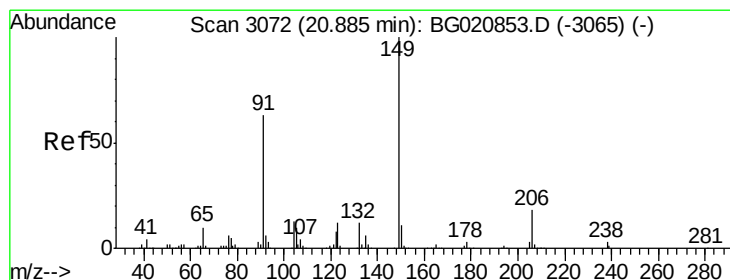
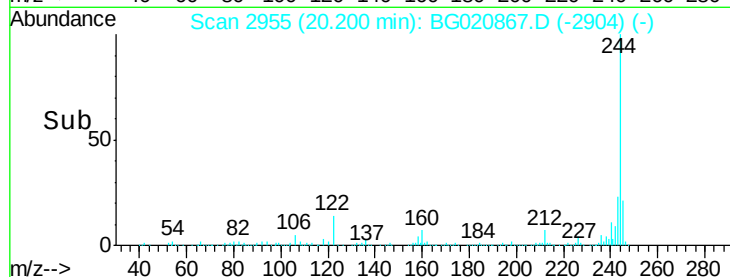
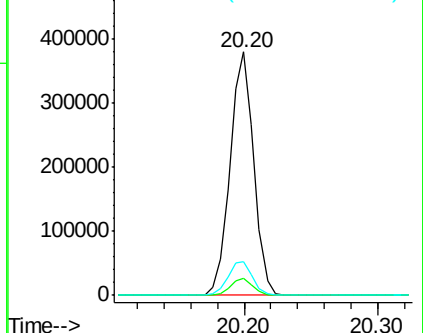
122 14.1 11.4 17.2



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



#79

Butylbenzylphthalate

Concen: 0.62 ng

RT: 20.88 min Scan# 3070

Delta R.T. -0.01 min

Lab File: BG020867.D

Acq: 11 Feb 2016 22:05

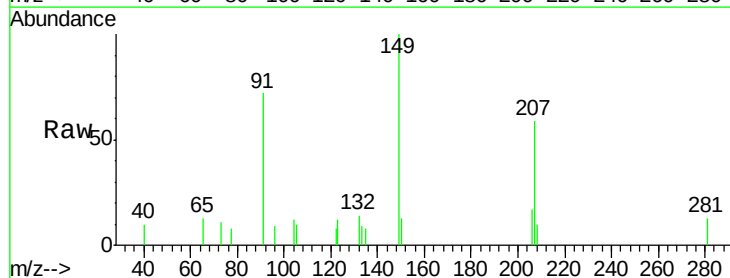
Tgt Ion:149 Resp: 2598

Ion Ratio Lower Upper

149 100

91 72.3 50.6 76.0

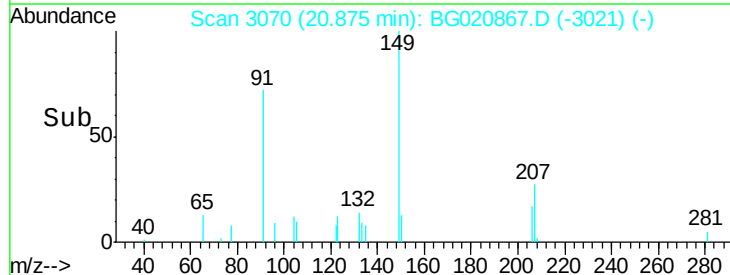
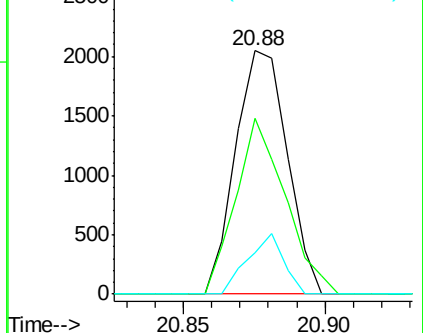
206 17.0 14.6 22.0

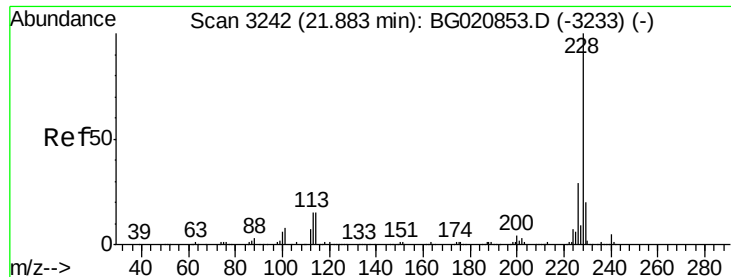


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 0.68 ng

RT: 21.94 min Scan# 3252

Delta R.T. 0.06 min

Lab File: BG020867.D

Acq: 11 Feb 2016 22:05

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2016-01

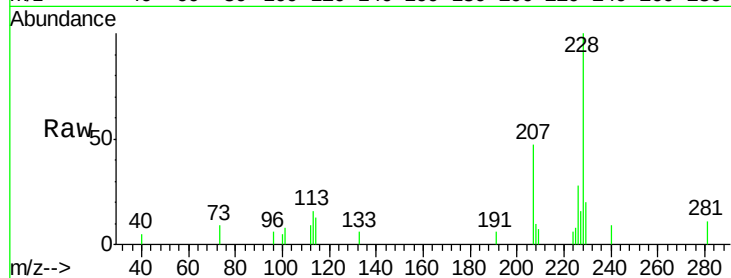
Tgt Ion:228 Resp: 5375

Ion Ratio Lower Upper

228 100

226 28.4 23.1 34.7

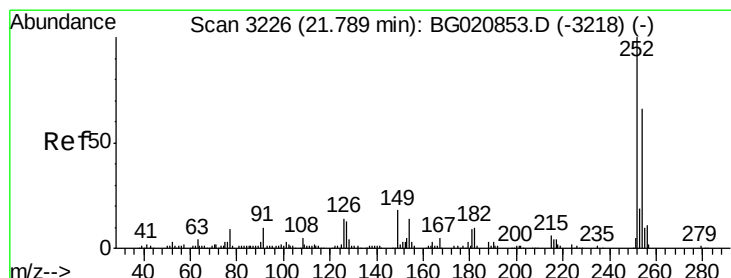
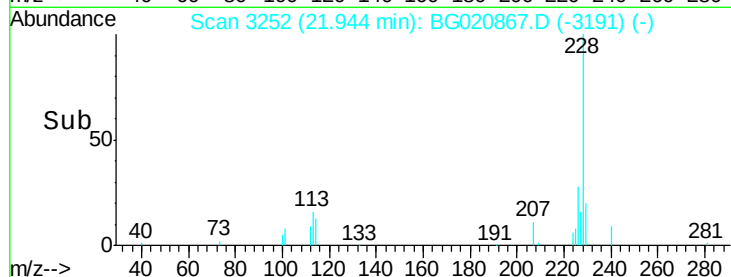
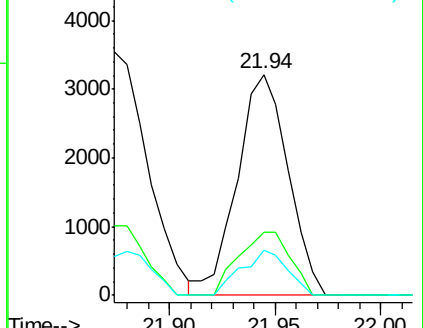
229 20.3 16.2 24.2



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



#81

3,3'-Dichlorobenzidine

Concen: 0.44 ng

RT: 21.78 min Scan# 3224

Delta R.T. -0.01 min

Lab File: BG020867.D

Acq: 11 Feb 2016 22:05

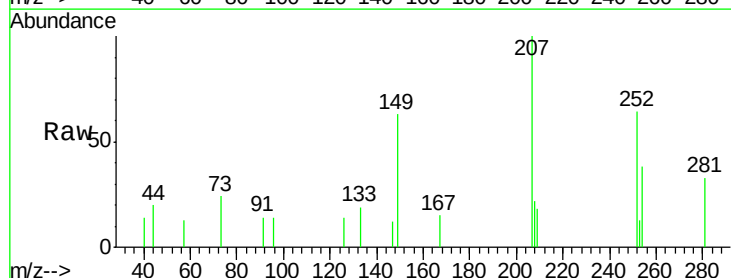
Tgt Ion:252 Resp: 1282

Ion Ratio Lower Upper

252 100

254 60.0 52.8 79.2

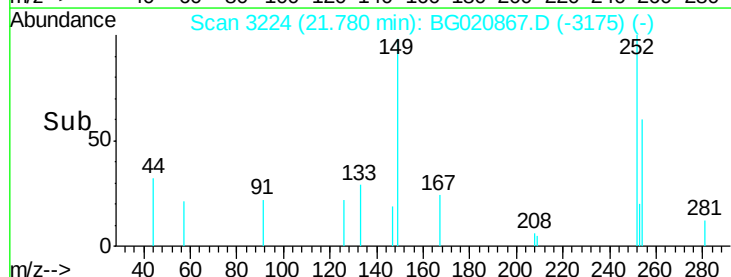
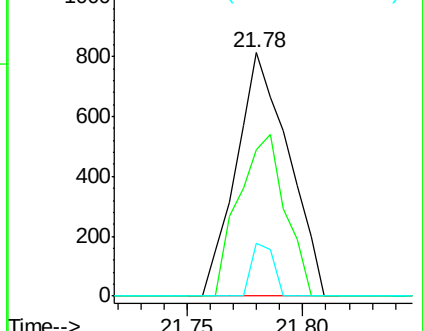
126 21.5 11.1 16.7#

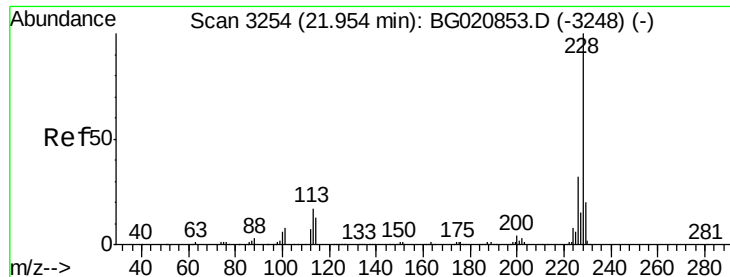


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 0.73 ng

RT: 21.94 min Scan# 3252

Delta R.T. -0.01 min

Lab File: BG020867.D

Acq: 11 Feb 2016 22:05

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2016-01

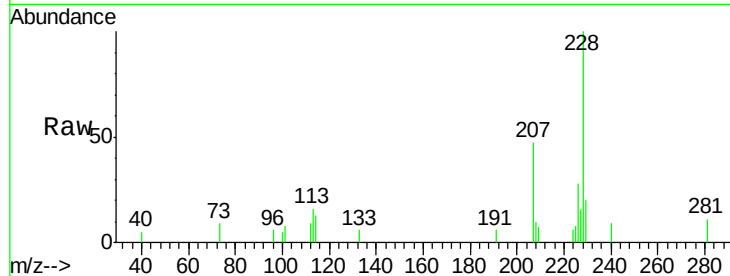
Tgt Ion:228 Resp: 5375

Ion Ratio Lower Upper

228 100

226 28.4 25.3 37.9

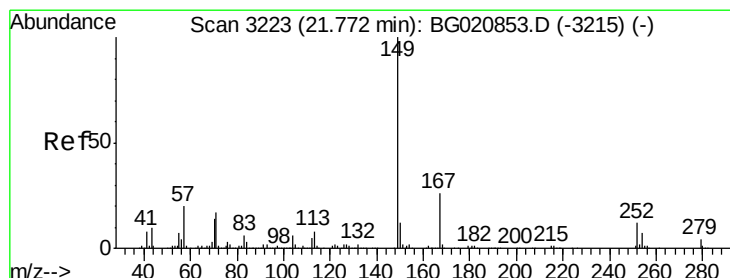
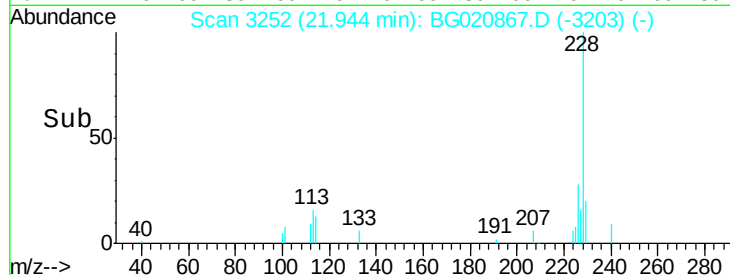
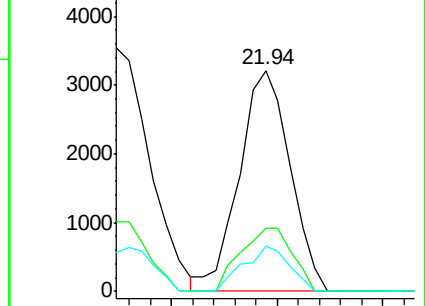
229 20.3 16.2 24.2



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.68 ng

RT: 21.76 min Scan# 3221

Delta R.T. -0.01 min

Lab File: BG020867.D

Acq: 11 Feb 2016 22:05

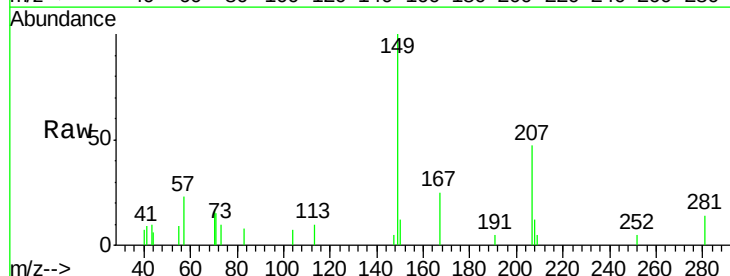
Tgt Ion:149 Resp: 4197

Ion Ratio Lower Upper

149 100

167 25.1 20.9 31.3

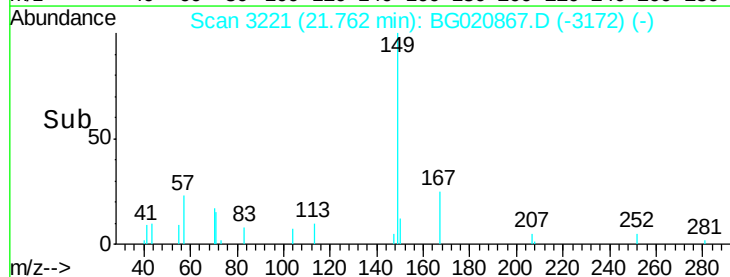
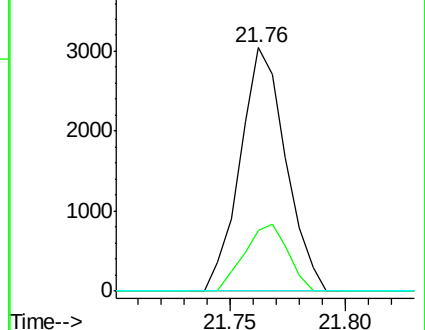
279 0.0 3.0 4.4#

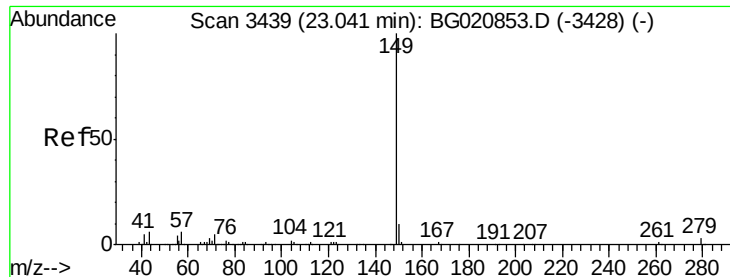


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

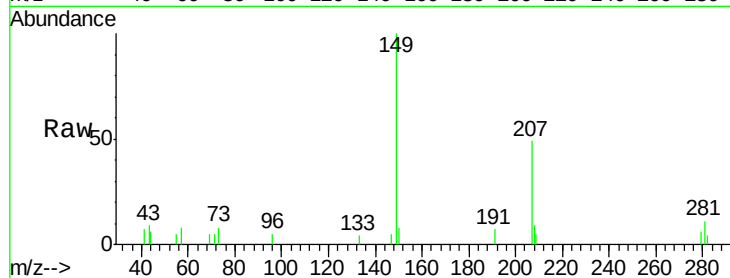




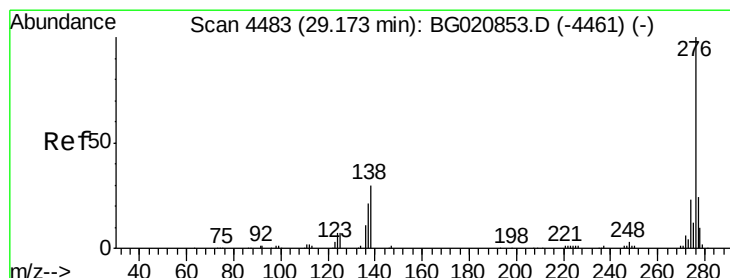
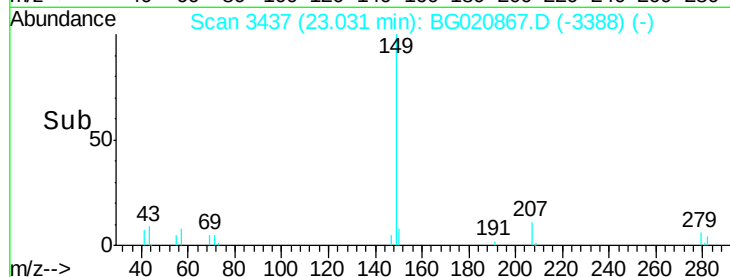
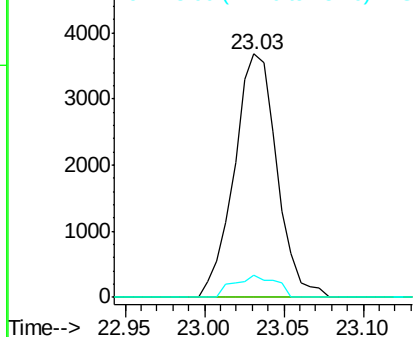
#84
Di-n-octyl phthalate
Concen: 0.68 ng
RT: 23.03 min Scan# 3437
Delta R.T. -0.01 min
Lab File: BG020867.D
Acq: 11 Feb 2016 22:05

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2016-01

Tgt Ion:149 Resp: 6867
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 8.9 5.1 7.7#

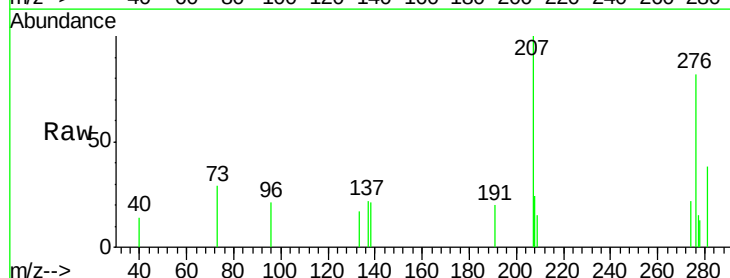


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

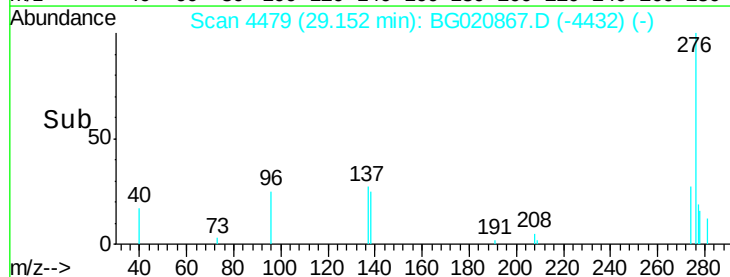
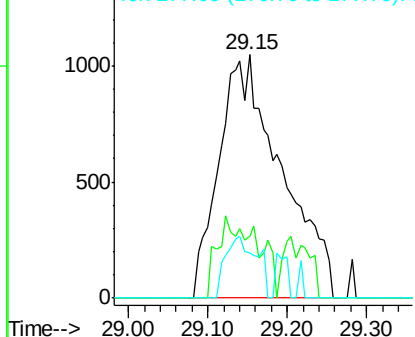


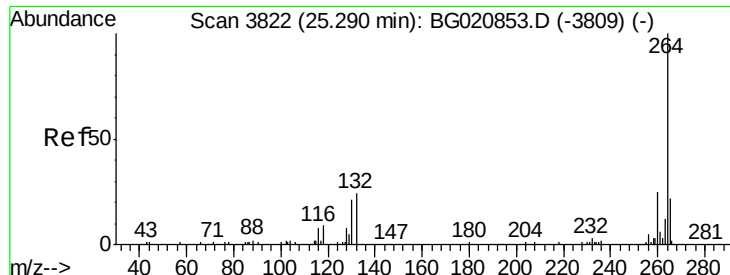
#85
Indeno(1,2,3-cd)pyrene
Concen: 0.67 ng
RT: 29.15 min Scan# 4479
Delta R.T. -0.02 min
Lab File: BG020867.D
Acq: 11 Feb 2016 22:05

Tgt Ion:276 Resp: 5708
Ion Ratio Lower Upper
276 100
138 0.0 20.1 30.1#
277 12.6 20.5 30.7#



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

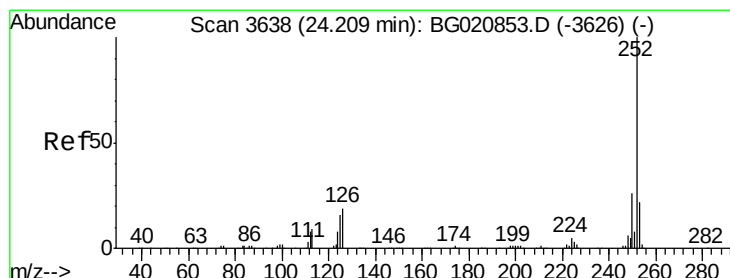
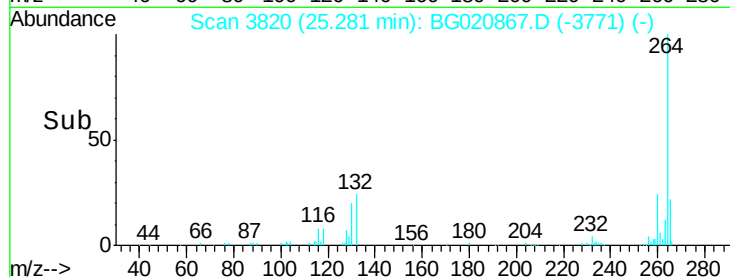
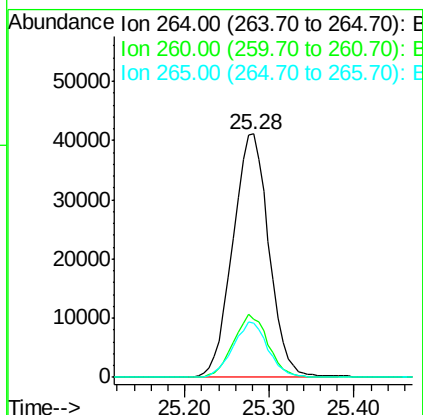
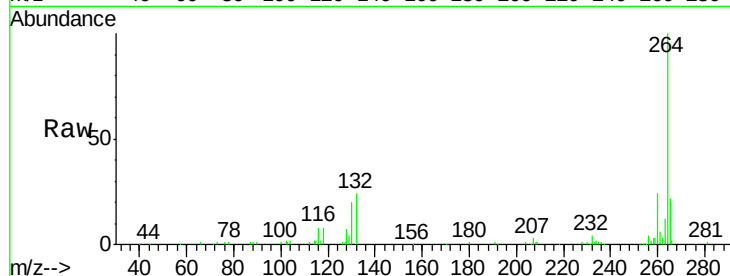




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.28 min Scan# 3820
Delta R.T. -0.01 min
Lab File: BG020867.D
Acq: 11 Feb 2016 22:05

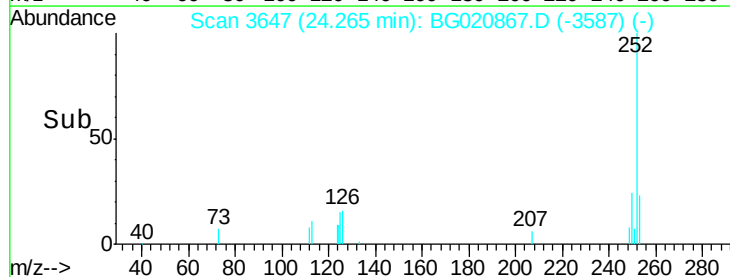
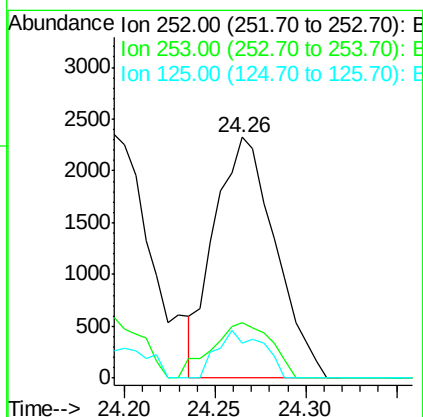
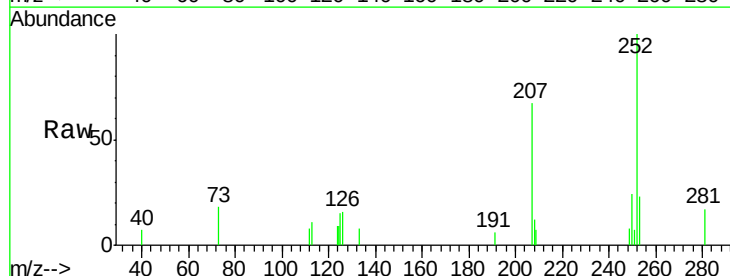
Instrument :
BNA_G
ClientSampleId :
LOD-WATER2016-01

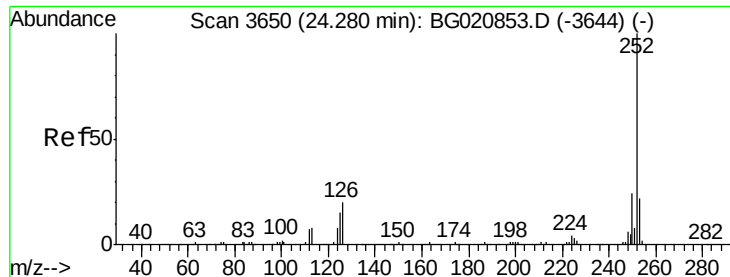
Tgt Ion:264 Resp: 121820
Ion Ratio Lower Upper
264 100
260 24.1 19.9 29.9
265 22.1 18.0 27.0



#87
Benzo(b)fluoranthene
Concen: 0.73 ng
RT: 24.26 min Scan# 3647
Delta R.T. 0.06 min
Lab File: BG020867.D
Acq: 11 Feb 2016 22:05

Tgt Ion:252 Resp: 5423
Ion Ratio Lower Upper
252 100
253 22.8 17.5 26.3
125 14.6 12.5 18.7





#88

Benzo(k)fluoranthene

Concen: 0.74 ng

RT: 24.26 min Scan# 3647

Delta R.T. -0.02 min

Lab File: BG020867.D

Acq: 11 Feb 2016 22:05

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2016-01

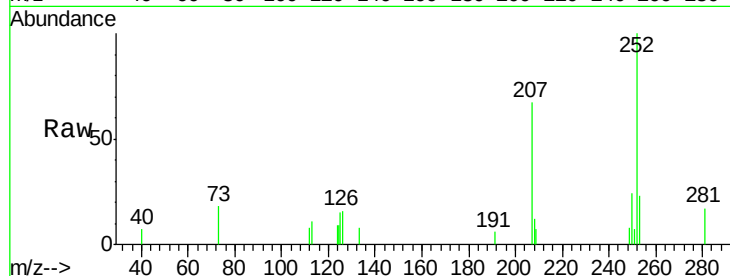
Tgt Ion:252 Resp: 5423

Ion Ratio Lower Upper

252 100

253 22.8 17.7 26.5

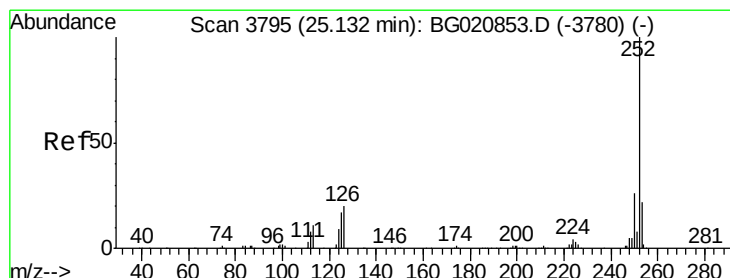
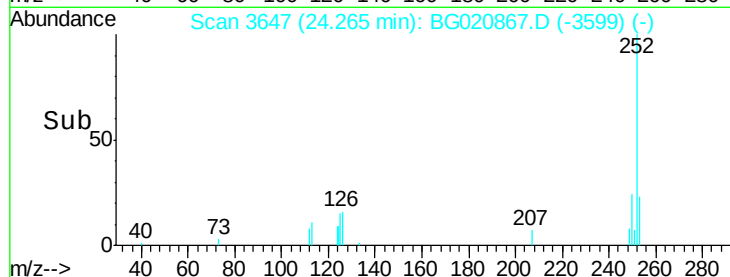
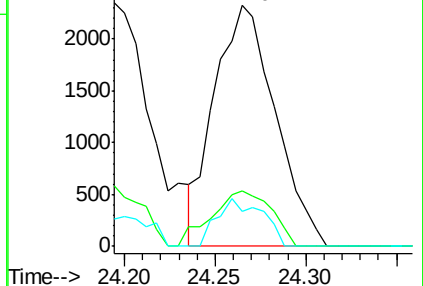
125 14.6 12.2 18.4



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(a)pyrene

Concen: 0.71 ng

RT: 25.12 min Scan# 3792

Delta R.T. -0.02 min

Lab File: BG020867.D

Acq: 11 Feb 2016 22:05

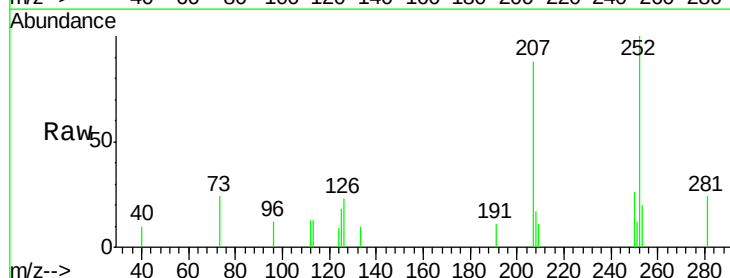
Tgt Ion:252 Resp: 5058

Ion Ratio Lower Upper

252 100

253 20.2 17.4 26.2

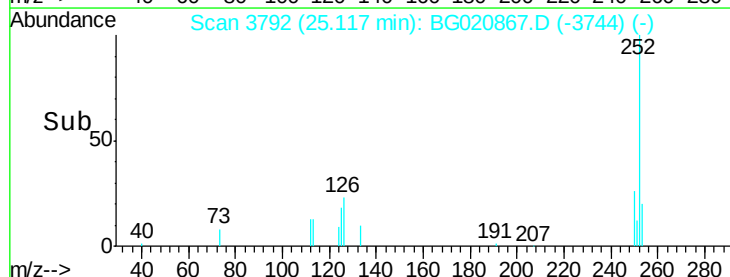
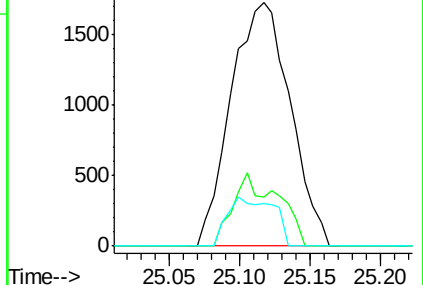
125 17.6 13.6 20.4

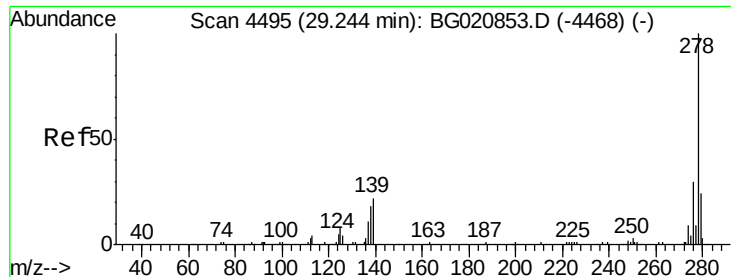


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 0.63 ng

RT: 29.21 min Scan# 4489

Delta R.T. -0.03 min

Lab File: BG020867.D

Acq: 11 Feb 2016 22:05

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2016-01

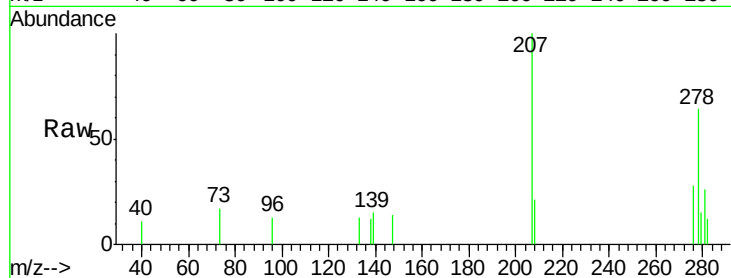
Tgt Ion:278 Resp: 4331

Ion Ratio Lower Upper

278 100

139 23.6 17.3 25.9

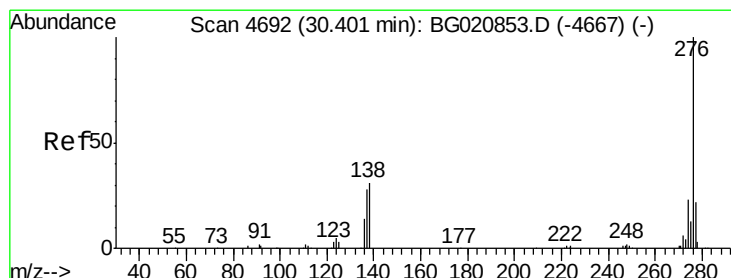
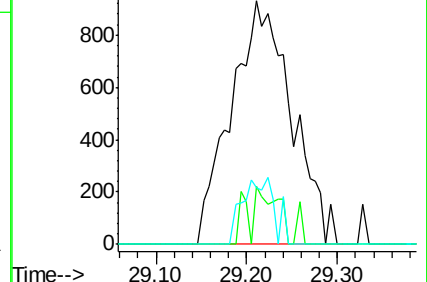
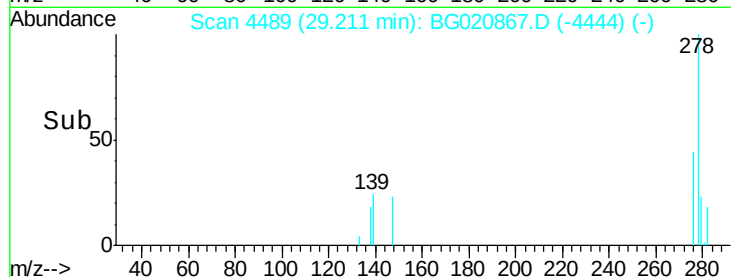
279 23.4 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 0.68 ng

RT: 30.36 min Scan# 4684

Delta R.T. -0.04 min

Lab File: BG020867.D

Acq: 11 Feb 2016 22:05

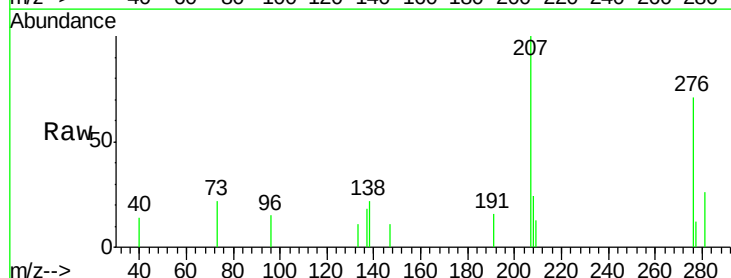
Tgt Ion:276 Resp: 4693

Ion Ratio Lower Upper

276 100

277 17.1 17.6 26.4#

138 31.2 25.2 37.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

