

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021116\
 Data File : BG020868.D
 Acq On : 11 Feb 2016 22:44
 Operator : SJ/UM
 Sample : G4825-05
 Misc : LOD 2PPM
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER2016-01

Quant Time: Feb 12 04:48:31 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	21917	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	108075	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	67410	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	139329	20.00	ng	0.00
75) Chrysene-d12	21.90	240	134866	20.00	ng	0.00
86) Perylene-d12	25.28	264	124096	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.80	112	172398	132.47	ng	0.00
7) Phenol-d6	7.41	99	237524	124.87	ng	0.00
23) Nitrobenzene-d5	9.44	82	130626	79.47	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	85871	129.54	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	368441	76.78	ng	0.00
78) Terphenyl-d14	20.20	244	487615	84.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.64	88	648	1.37	ng	# 59
3) Pyridine	4.06	79	1393	1.00	ng	# 85
4) n-Nitrosodimethylamine	3.97	42	409	1.12	ng	# 99
6) Aniline	7.58	93	1545	0.65	ng	# 92
8) 2-Chlorophenol	7.82	128	2783	1.71	ng	88
9) Benzaldehyde	7.40	77	2102	2.21	ng	89
10) Phenol	7.44	94	3396	1.69	ng	92
11) bis(2-Chloroethyl)ether	7.68	93	2416	1.50	ng	99
12) 1,3-Dichlorobenzene	8.15	146	2643	1.54	ng	95
13) 1,4-Dichlorobenzene	8.30	146	2672	1.53	ng	97
14) 1,2-Dichlorobenzene	8.63	146	2435	1.44	ng	96
15) Benzyl Alcohol	8.50	79	1908	1.59	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.80	45	2480	1.48	ng	91
17) 2-Methylphenol	8.69	107	2228	1.54	ng	92
18) Hexachloroethane	9.36	117	863	1.44	ng	88
19) n-Nitroso-di-n-propylamine	9.07	70	1676	1.37	ng	# 92
20) 3+4-Methylphenols	9.02	107	3022	1.50	ng	91
22) Acetophenone	9.09	105	3707	1.42	ng	# 99
24) Nitrobenzene	9.48	77	2798	1.63	ng	98
25) Isophorone	10.00	82	4911	1.42	ng	93
26) 2-Nitrophenol	10.19	139	1144	1.27	ng	# 87
27) 2,4-Dimethylphenol	10.24	122	2061	1.19	ng	96
28) bis(2-Chloroethoxy)methane	10.48	93	3371	1.58	ng	97
29) 2,4-Dichlorophenol	10.73	162	2522	1.63	ng	95
30) 1,2,4-Trichlorobenzene	10.95	180	2327	1.49	ng	94
31) Naphthalene	11.14	128	9008	1.61	ng	# 95
32) Benzoic acid	10.24	122	2061	1.49	ng	# 11
33) 4-Chloroaniline	11.24	127	1915	0.80	ng	# 97
34) Hexachlorobutadiene	11.42	225	1219	1.53	ng	88
35) Caprolactam	11.99	113	741	1.25	ng	# 85
36) 4-Chloro-3-methylphenol	12.34	107	2782	1.57	ng	90
37) 2-Methylnaphthalene	12.73	142	6446	1.64	ng	95
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	2812	1.42	ng	# 94
40) Hexachlorocyclopentadiene	13.06	237	633	0.73	ng	89

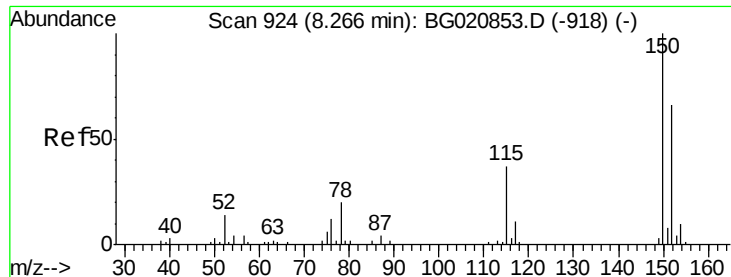
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021116\
 Data File : BG020868.D
 Acq On : 11 Feb 2016 22:44
 Operator : SJ/UM
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.32	196	1803	1.36	ng	97
43) 2,4,5-Trichlorophenol	13.39	196	2004	1.43	ng	90
45) 1,1'-Biphenyl	13.72	154	8496	1.43	ng	99
46) 2-Chloronaphthalene	13.77	162	6319	1.48	ng	# 93
47) 2-Nitroaniline	13.96	65	1359	1.33	ng	# 81
48) Acenaphthylene	14.60	152	11224	1.52	ng	95
49) Dimethylphthalate	14.32	163	7815	1.48	ng	98
50) 2,6-Dinitrotoluene	14.45	165	1473	1.30	ng	91
51) Acenaphthene	14.94	154	6664	1.48	ng	98
52) 3-Nitroaniline	14.77	138	1503	1.15	ng	# 81
54) Dibenzofuran	15.27	168	10424	1.76	ng	99
55) 4-Nitrophenol	15.06	139	832	0.84	ng	91
56) 2,4-Dinitrotoluene	15.23	165	1822	1.25	ng	# 96
57) Fluorene	15.92	166	8658	1.58	ng	93
58) 2,3,4,6-Tetrachlorophenol	15.49	232	1523	1.43	ng	# 91
59) Diethylphthalate	15.67	149	8290	1.53	ng	100
60) 4-Chlorophenyl-phenylether	15.91	204	3681	1.52	ng	97
61) 4-Nitroaniline	15.92	138	1694	1.29	ng	89
62) Azobenzene	16.20	77	7292	1.71	ng	96
64) 4,6-Dinitro-2-methylphenol	15.98	198	197	5.76	ng	# 35
65) n-Nitrosodiphenylamine	16.12	169	6950	1.54	ng	89
66) 4-Bromophenyl-phenylether	16.80	248	2159	1.47	ng	98
67) Hexachlorobenzene	16.92	284	2439	1.56	ng	# 82
68) Atrazine	17.05	200	2038	1.49	ng	91
69) Pentachlorophenol	17.26	266	477	0.53	ng	# 52
70) Phenanthrene	17.66	178	12819	1.62	ng	98
71) Anthracene	17.75	178	12716	1.58	ng	98
72) Carbazole	18.01	167	11276	1.56	ng	96
73) Di-n-butylphthalate	18.56	149	13151	1.42	ng	98
74) Fluoranthene	19.65	202	13370	1.56	ng	99
76) Benzidine	19.82	184	353	0.08	ng	# 64
77) Pyrene	20.01	202	13926	1.57	ng	98
79) Butylbenzylphthalate	20.88	149	5811	1.36	ng	# 95
80) Benzo(a)anthracene	21.88	228	13303	1.65	ng	100
81) 3,3'-Dichlorobenzidine	21.79	252	2678	0.90	ng	93
82) Chrysene	21.95	228	11701	1.55	ng	95
83) Bis(2-ethylhexyl)phthalate	21.76	149	8907	1.41	ng	95
84) Di-n-octyl phthalate	23.03	149	15111	1.46	ng	# 97
85) Indeno(1,2,3-cd)pyrene	29.14	276	5291	0.61	ng	# 72
87) Benzo(b)fluoranthene	24.20	252	11802	1.55	ng	96
88) Benzo(k)fluoranthene	24.27	252	12092	1.63	ng	95
89) Benzo(a)pyrene	25.11	252	10766	1.49	ng	98
90) Dibenzo(a,h)anthracene	29.22	278	10202	1.45	ng	98
91) Benzo(g,h,i)perylene	30.35	276	10023	1.43	ng	93

(#) = 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: BG020868.D

Acq: 11 Feb 2016 22:44

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2016-01

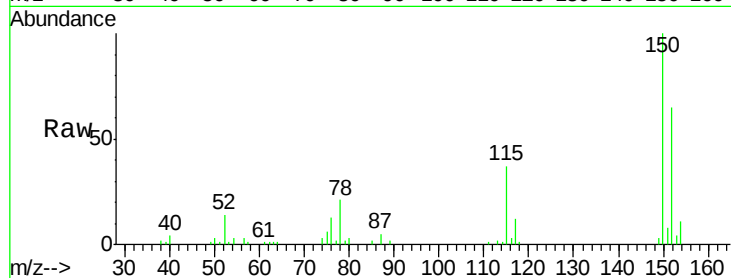
Tgt Ion:152 Resp: 21917

Ion Ratio Lower Upper

152 100

150 154.2 122.0 183.0

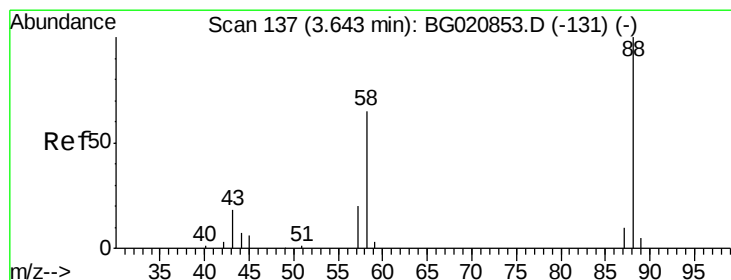
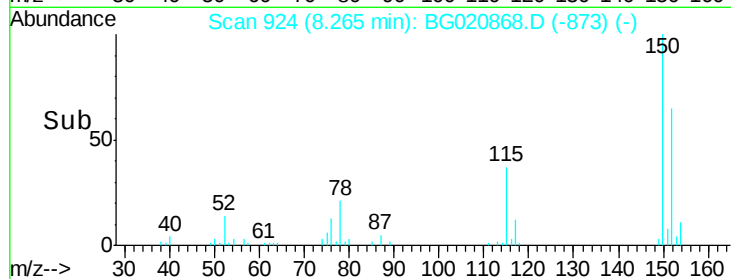
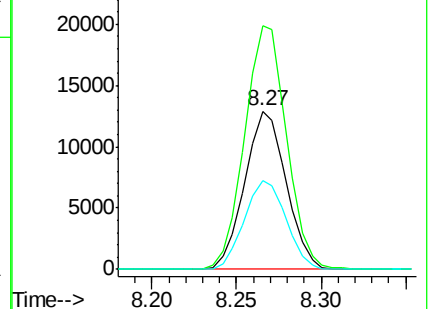
115 56.6 45.2 67.8



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: 1.37 ng

RT: 3.64 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG020868.D

Acq: 11 Feb 2016 22:44

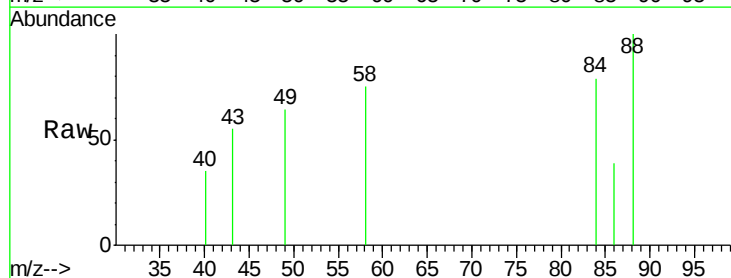
Tgt Ion: 88 Resp: 648

Ion Ratio Lower Upper

88 100

58 94.3 50.3 75.5#

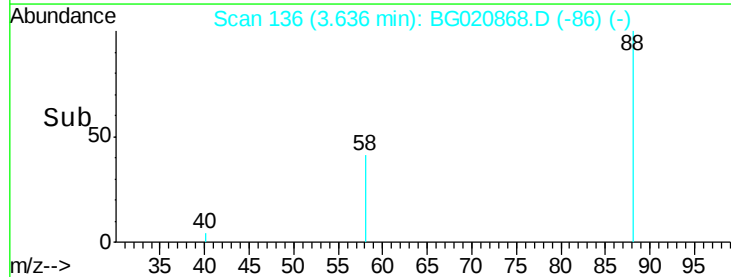
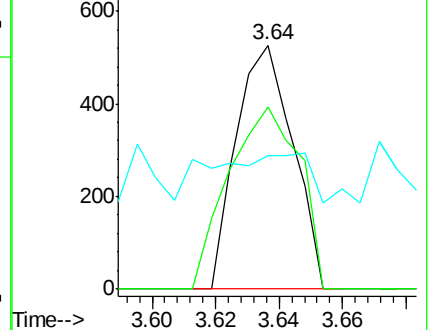
43 37.7 14.5 21.7#

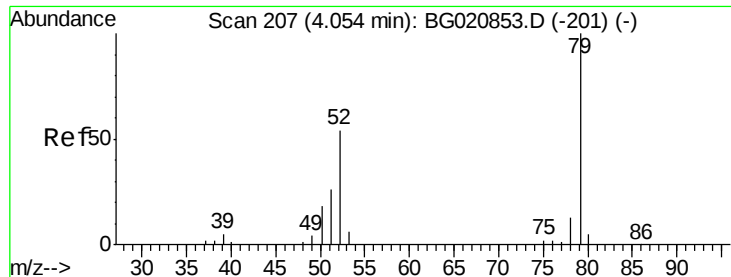


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 1.00 ng

RT: 4.06 min Scan# 208

Delta R.T. 0.00 min

Lab File: BG020868.D

Acq: 11 Feb 2016 22:44

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2016-01

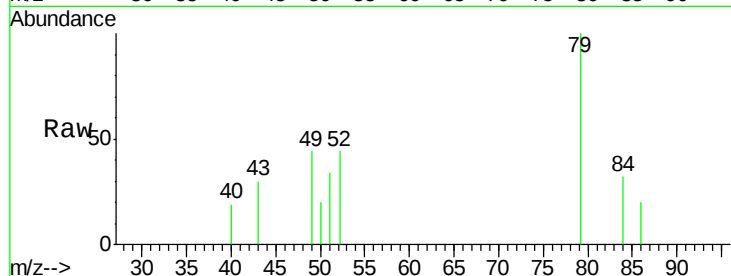
Tgt Ion: 79 Resp: 1393

Ion Ratio Lower Upper

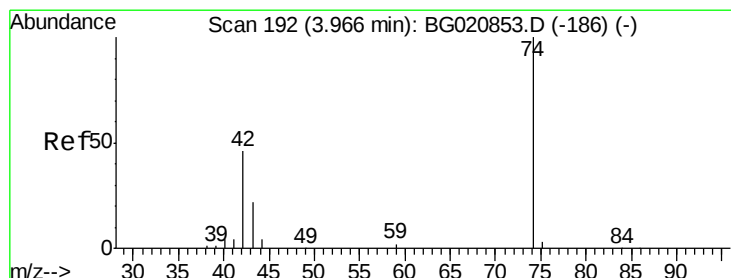
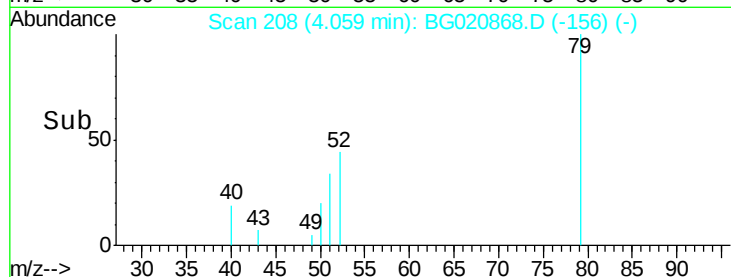
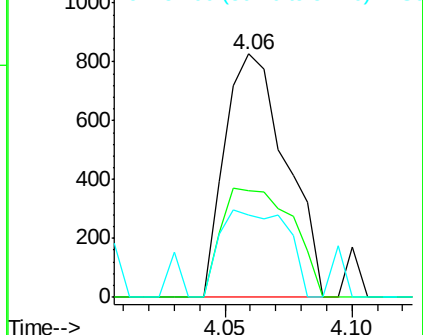
79 100

52 43.7 43.1 64.7

51 33.7 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



#4

n-Nitrosodimethylamine

Concen: 1.12 ng

RT: 3.97 min Scan# 192

Delta R.T. -0.00 min

Lab File: BG020868.D

Acq: 11 Feb 2016 22:44

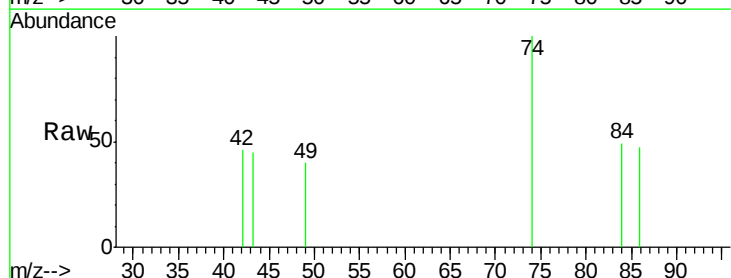
Tgt Ion: 42 Resp: 409

Ion Ratio Lower Upper

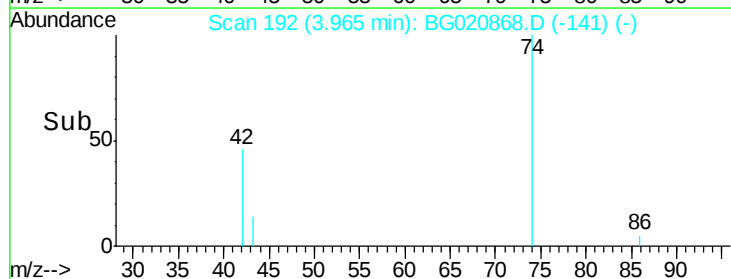
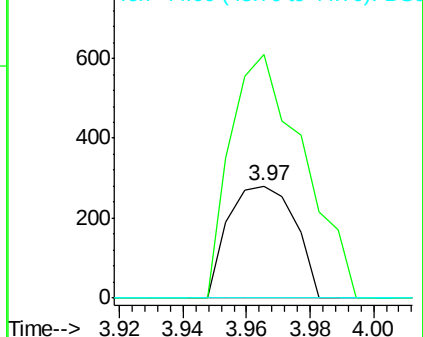
42 100

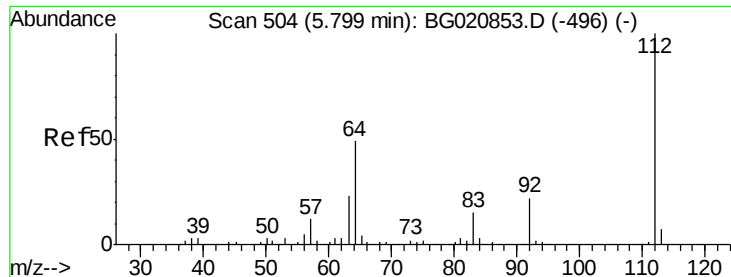
74 216.7 173.8 260.6

44 0.0 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





#5

2-Fluorophenol

Concen: 132.47 ng

RT: 5.80 min Scan# 504

Delta R.T. -0.00 min

Lab File: BG020868.D

Acq: 11 Feb 2016 22:44

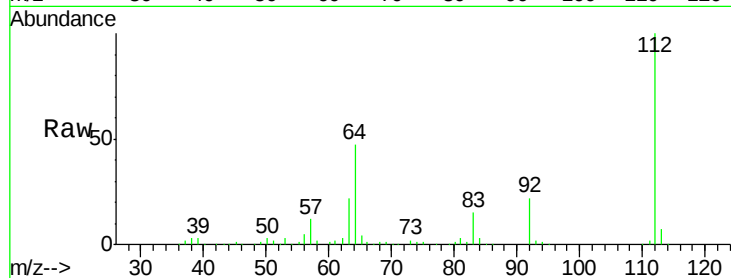
Instrument :

BNA_G

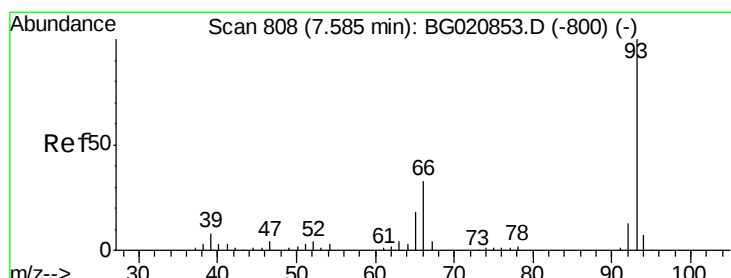
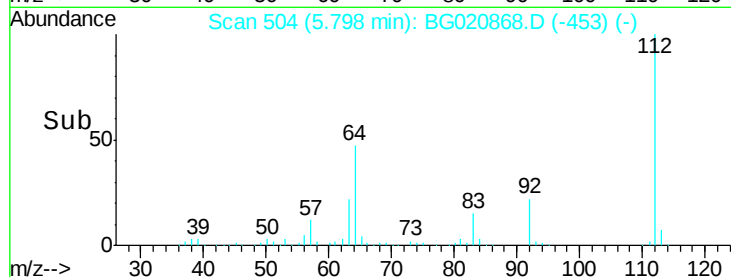
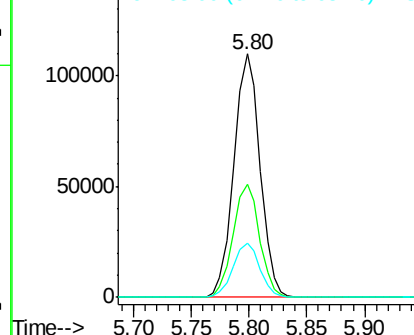
ClientSampleId :

LOD-WATER2016-01

Tgt Ion:	112	Resp:	172398
Ion	Ratio	Lower	Upper
112	100		
64	46.6	39.3	58.9
63	22.5	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: 0.65 ng

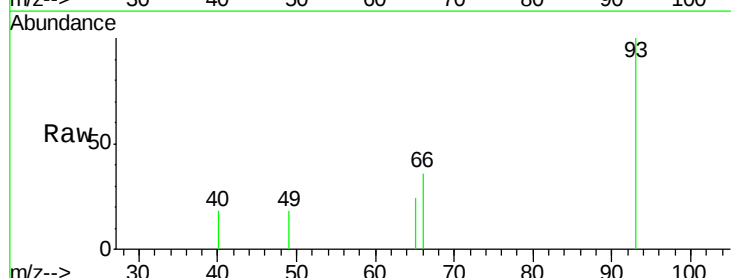
RT: 7.58 min Scan# 807

Delta R.T. -0.01 min

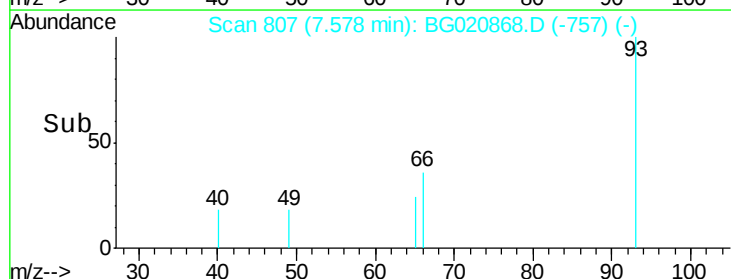
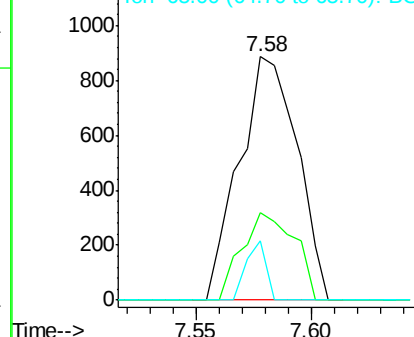
Lab File: BG020868.D

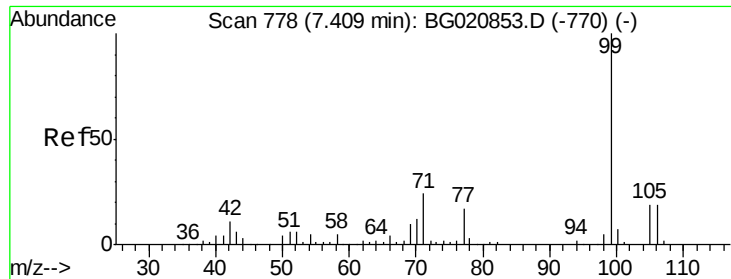
Acq: 11 Feb 2016 22:44

Tgt Ion:	93	Resp:	1545
Ion	Ratio	Lower	Upper
93	100		
66	35.7	26.6	40.0
65	24.5	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: 124.87 ng

RT: 7.41 min Scan# 778

Delta R.T. -0.00 min

Lab File: BG020868.D

Acq: 11 Feb 2016 22:44

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2016-01

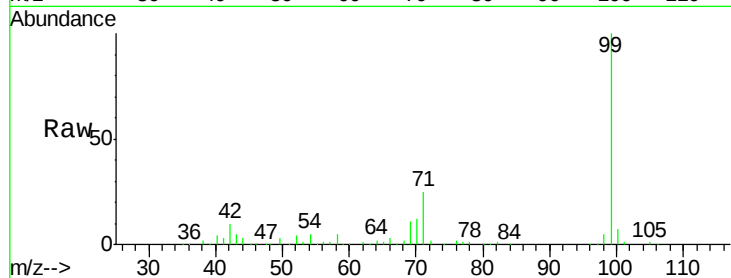
Tgt Ion: 99 Resp: 237524

Ion Ratio Lower Upper

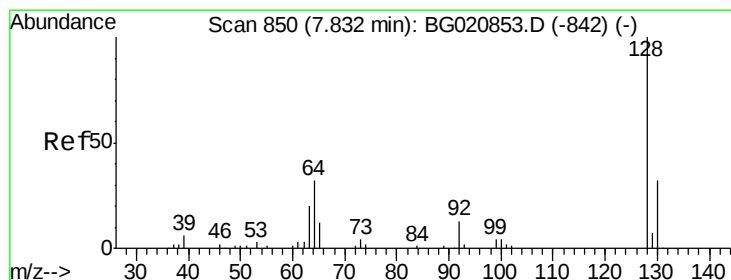
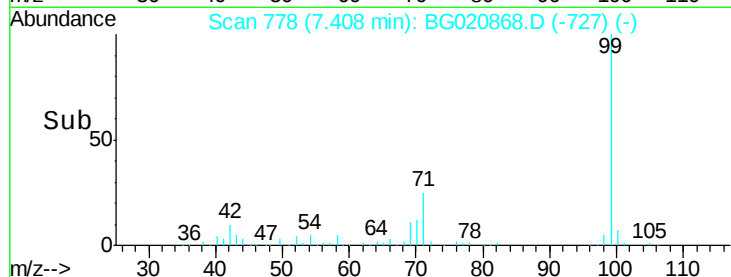
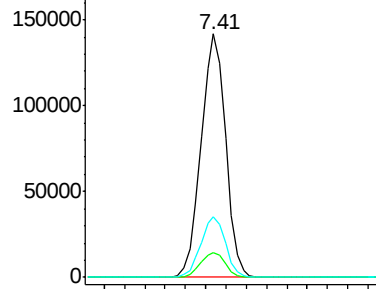
99 100

42 10.2 8.4 12.6

71 24.7 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: 1.71 ng

RT: 7.82 min Scan# 849

Delta R.T. -0.01 min

Lab File: BG020868.D

Acq: 11 Feb 2016 22:44

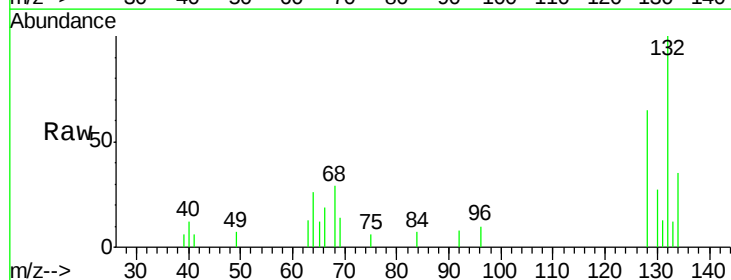
Tgt Ion: 128 Resp: 2783

Ion Ratio Lower Upper

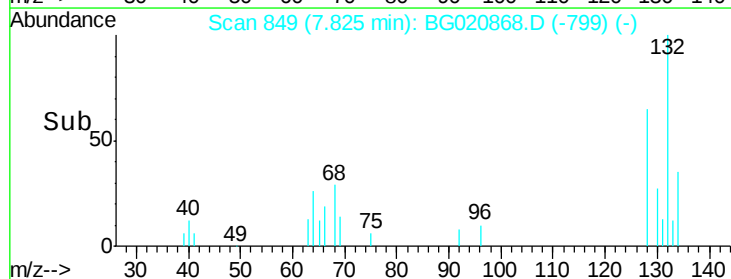
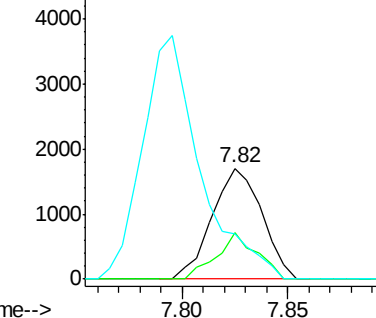
128 100

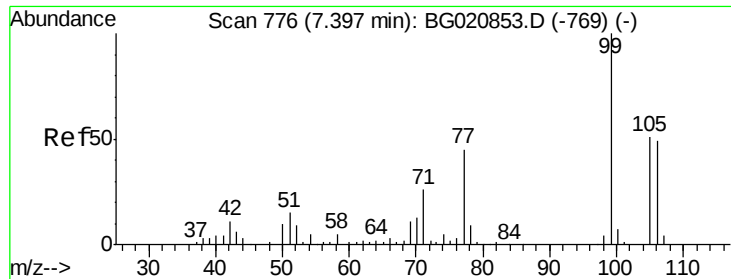
130 41.9 12.3 52.3

64 40.3 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: 2.21 ng

RT: 7.40 min Scan# 776

Delta R.T. -0.00 min

Lab File: BG020868.D

Acq: 11 Feb 2016 22:44

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2016-01

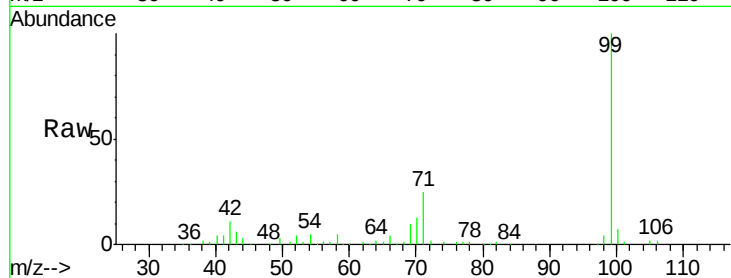
Tgt Ion: 77 Resp: 2102

Ion Ratio Lower Upper

77 100

105 129.1 93.4 133.4

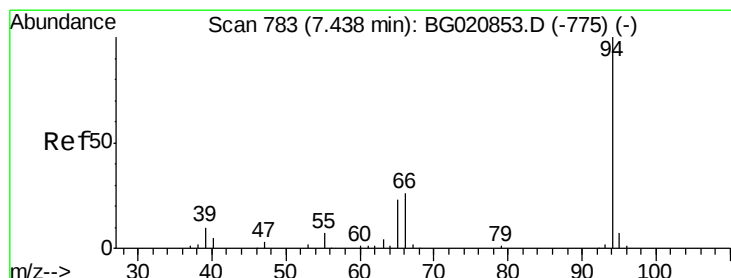
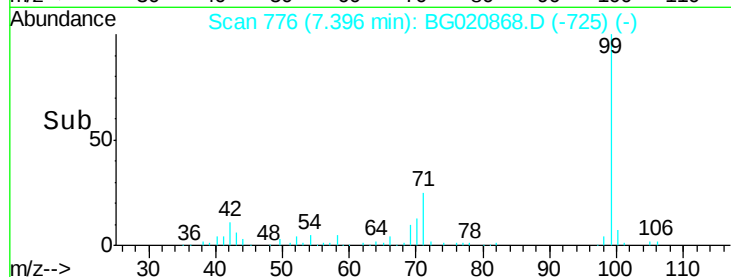
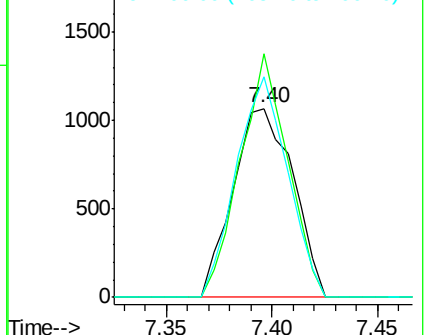
106 116.9 88.7 128.7



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



#10

Phenol

Concen: 1.69 ng

RT: 7.44 min Scan# 783

Delta R.T. -0.00 min

Lab File: BG020868.D

Acq: 11 Feb 2016 22:44

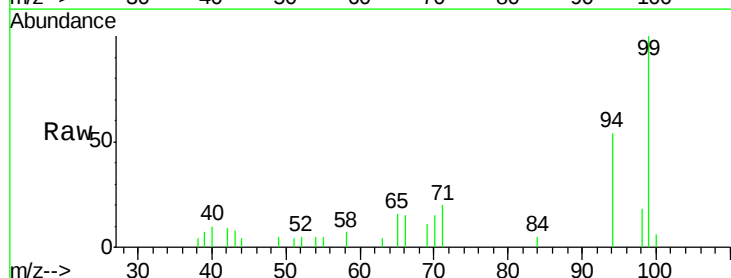
Tgt Ion: 94 Resp: 3396

Ion Ratio Lower Upper

94 100

65 29.3 2.8 42.8

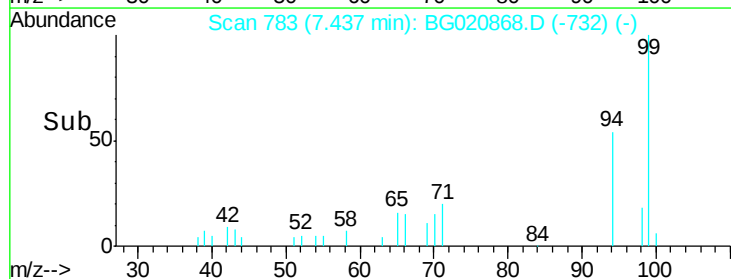
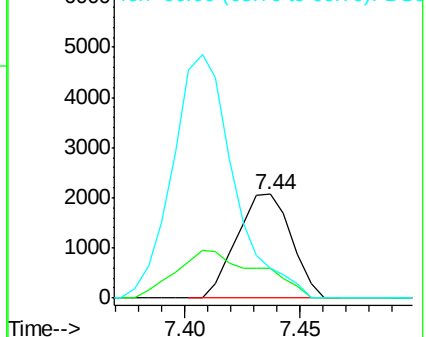
66 28.6 7.2 47.2

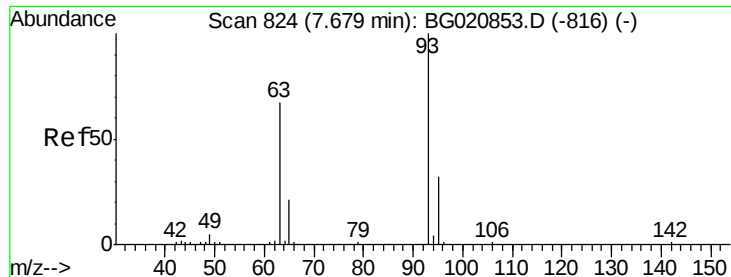


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

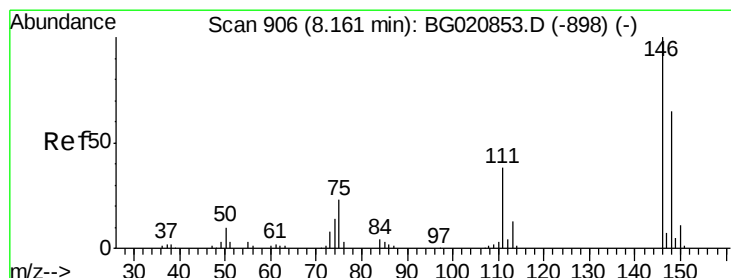
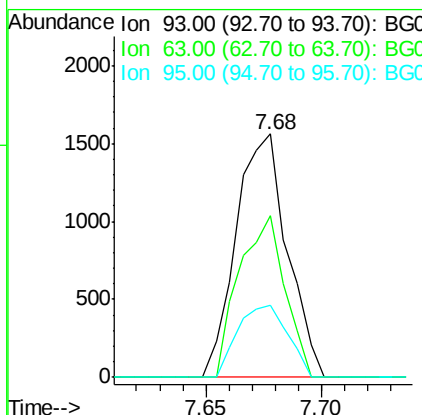
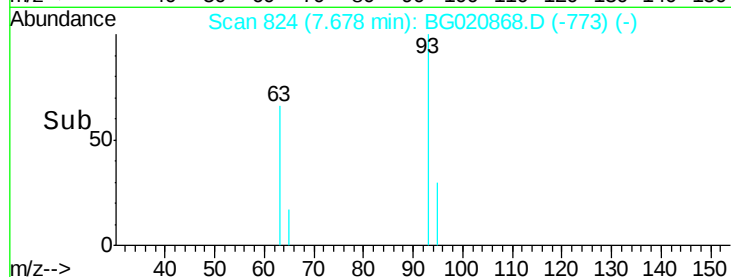
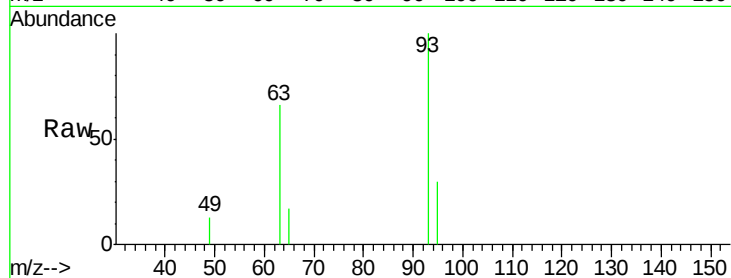




#11
bis(2-Chloroethyl)ether
Concen: 1.50 ng
RT: 7.68 min Scan# 824
Delta R.T. -0.00 min
Lab File: BG020868.D
Acq: 11 Feb 2016 22:44

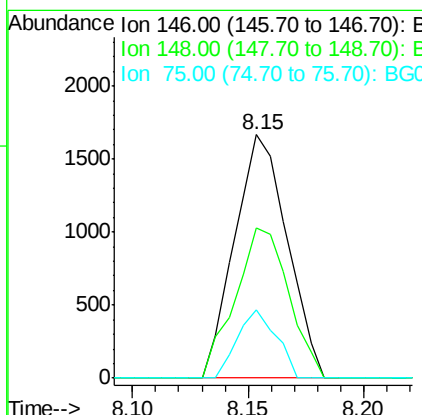
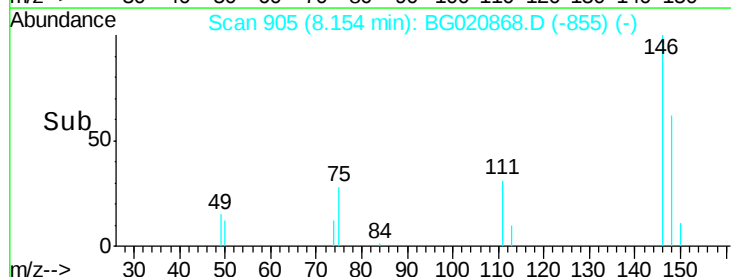
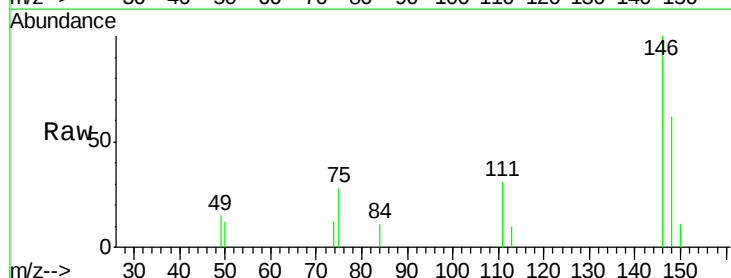
Instrument :
BNA_G
ClientSampleId :
LOD-WATER2016-01

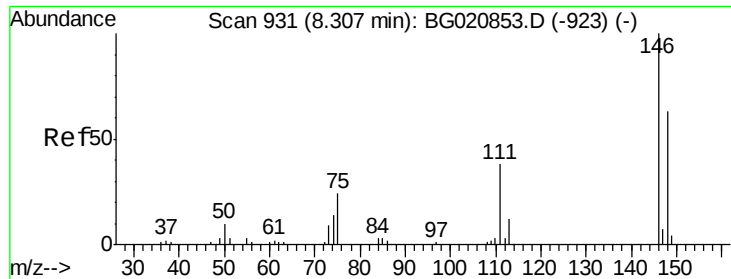
Tgt Ion: 93 Resp: 2416
Ion Ratio Lower Upper
93 100
63 66.2 46.4 86.4
95 29.8 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 1.54 ng
RT: 8.15 min Scan# 905
Delta R.T. -0.01 min
Lab File: BG020868.D
Acq: 11 Feb 2016 22:44

Tgt Ion: 146 Resp: 2643
Ion Ratio Lower Upper
146 100
148 61.8 51.8 77.8
75 28.1 18.7 28.1

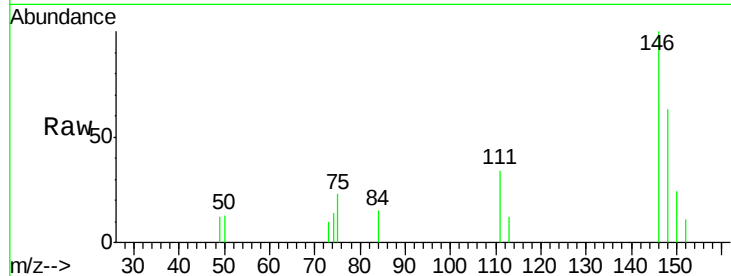




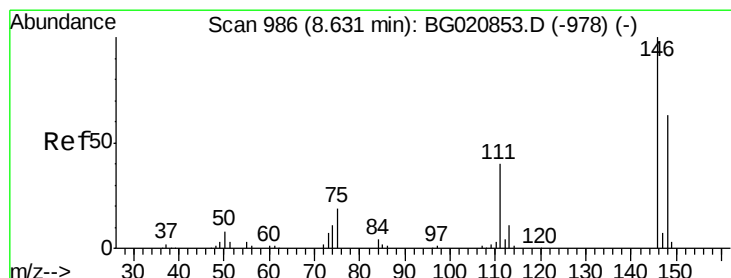
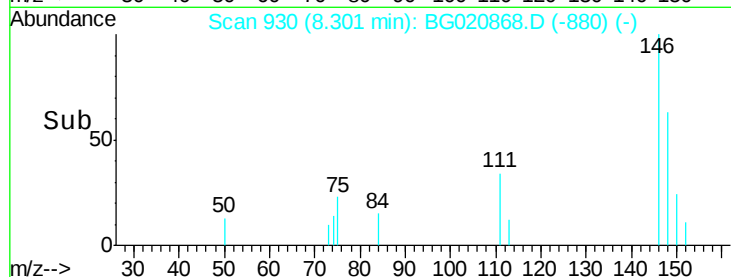
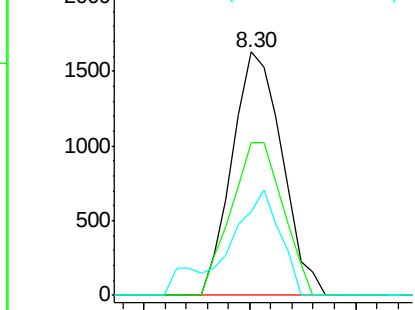
#13
 1,4-Dichlorobenzene
 Concen: 1.53 ng
 RT: 8.30 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: BG020868.D
 Acq: 11 Feb 2016 22:44

Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER2016-01

Tgt Ion:146 Resp: 2672
 Ion Ratio Lower Upper
 146 100
 148 62.7 50.8 76.2
 111 34.1 30.1 45.1

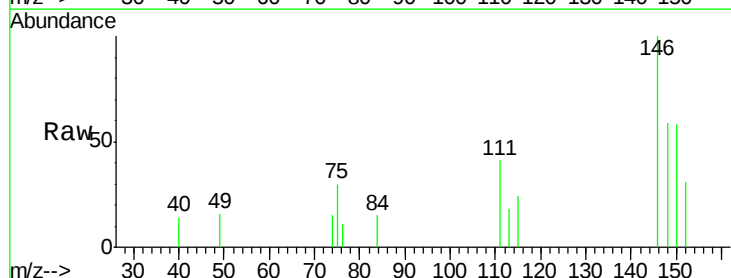


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

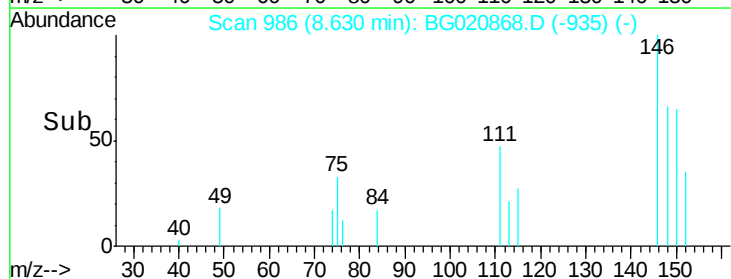
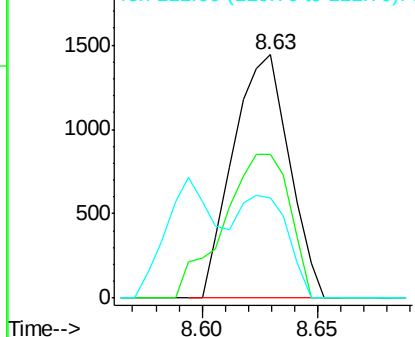


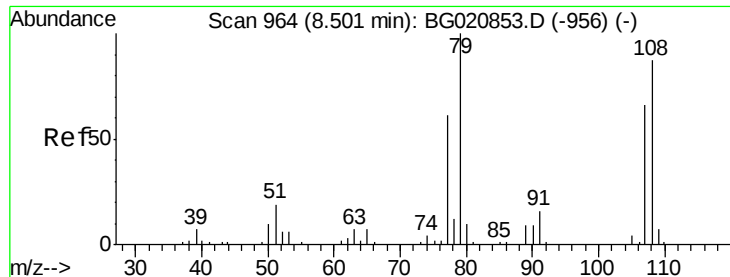
#14
 1,2-Dichlorobenzene
 Concen: 1.44 ng
 RT: 8.63 min Scan# 986
 Delta R.T. -0.00 min
 Lab File: BG020868.D
 Acq: 11 Feb 2016 22:44

Tgt Ion:146 Resp: 2435
 Ion Ratio Lower Upper
 146 100
 148 59.0 50.6 76.0
 111 41.4 32.6 48.8



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





#15

Benzyl Alcohol

Concen: 1.59 ng

RT: 8.50 min Scan# 964

Delta R.T. -0.00 min

Lab File: BG020868.D

Acq: 11 Feb 2016 22:44

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2016-01

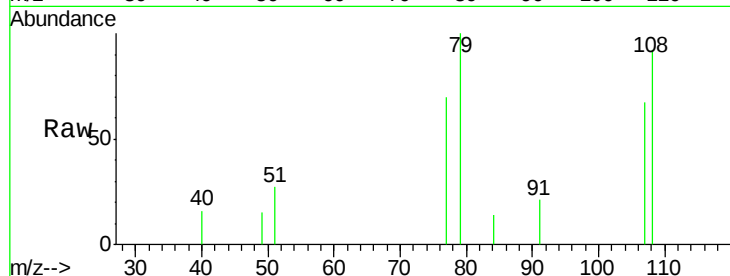
Tgt Ion: 79 Resp: 1908

Ion Ratio Lower Upper

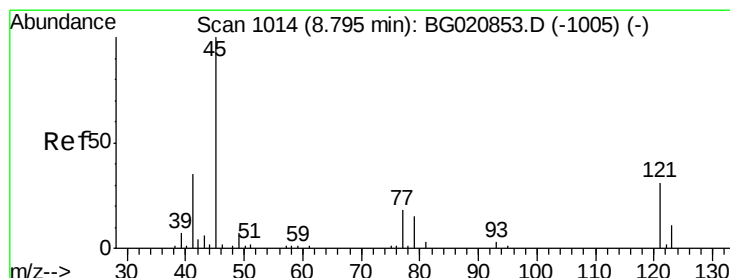
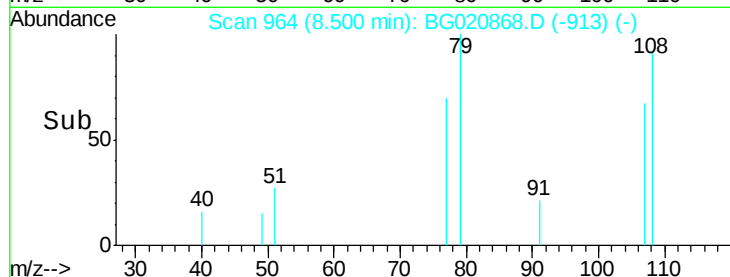
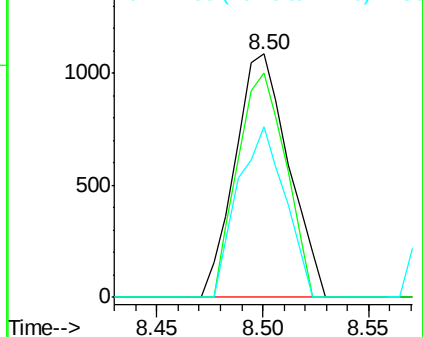
79 100

108 91.9 69.4 104.2

77 69.9 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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 1.48 ng

RT: 8.80 min Scan# 1015

Delta R.T. 0.00 min

Lab File: BG020868.D

Acq: 11 Feb 2016 22:44

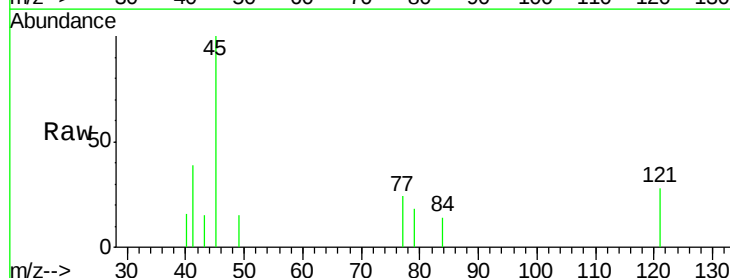
Tgt Ion: 45 Resp: 2480

Ion Ratio Lower Upper

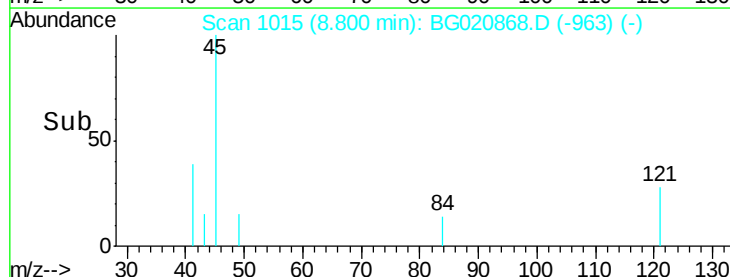
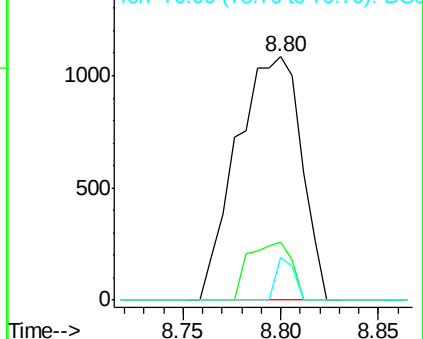
45 100

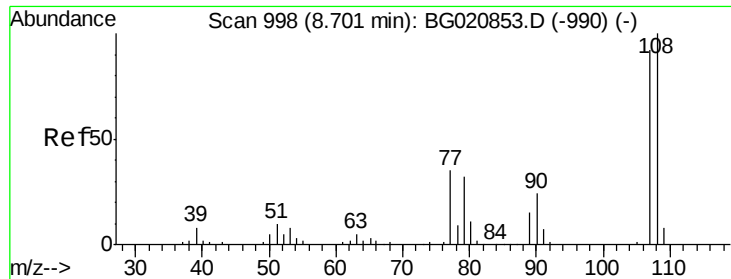
77 23.7 0.0 38.5

79 17.6 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

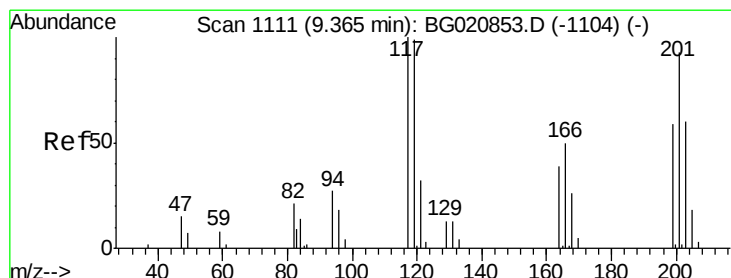
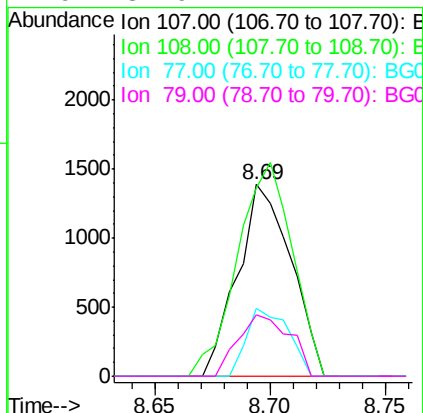
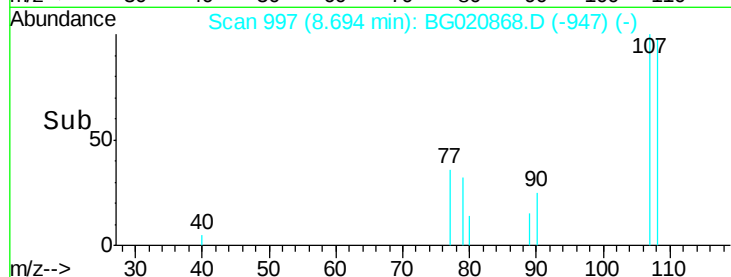
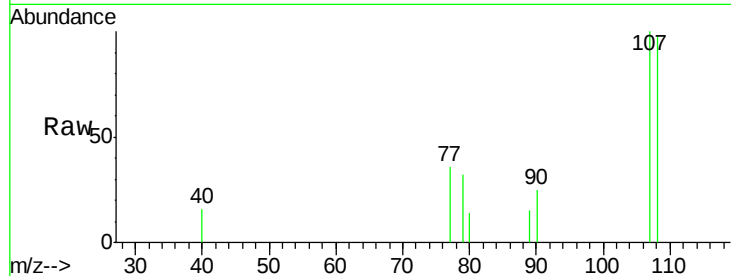




#17
2-Methylphenol
Concen: 1.54 ng
RT: 8.69 min Scan# 997
Delta R.T. -0.01 min
Lab File: BG020868.D
Acq: 11 Feb 2016 22:44

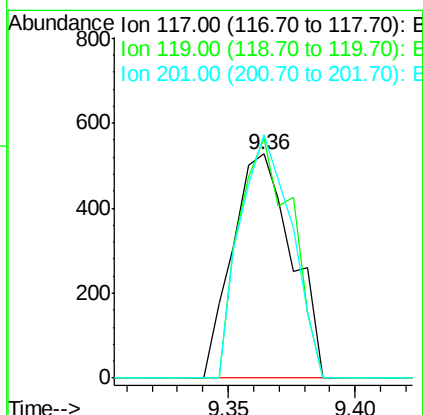
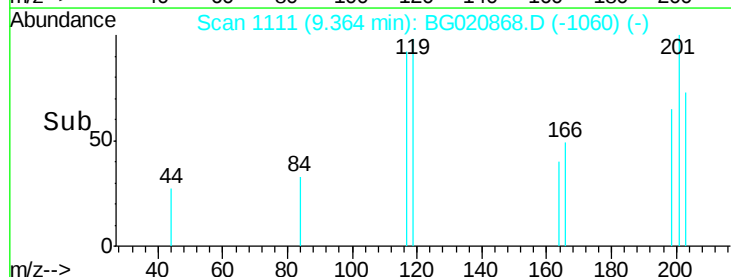
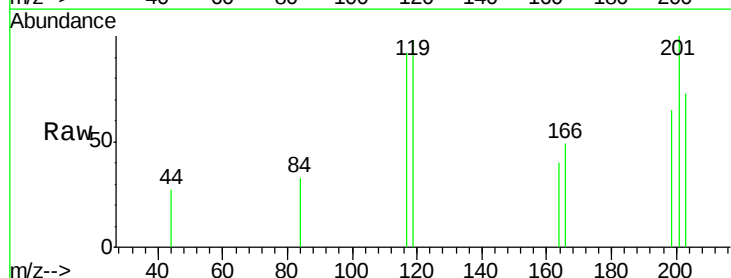
Instrument :
BNA_G
ClientSampleId :
LOD-WATER2016-01

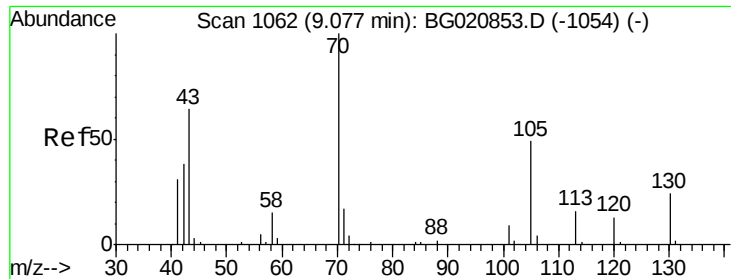
Tgt Ion:107 Resp: 2228
Ion Ratio Lower Upper
107 100
108 98.2 87.0 130.4
77 35.6 30.1 45.1
79 31.9 27.4 41.2



#18
Hexachloroethane
Concen: 1.44 ng
RT: 9.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BG020868.D
Acq: 11 Feb 2016 22:44

Tgt Ion:117 Resp: 863
Ion Ratio Lower Upper
117 100
119 107.0 79.6 119.4
201 108.7 74.5 111.7

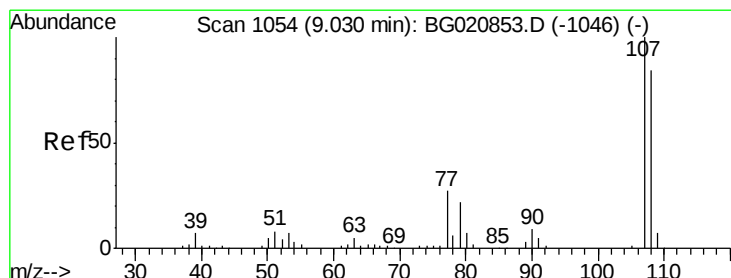
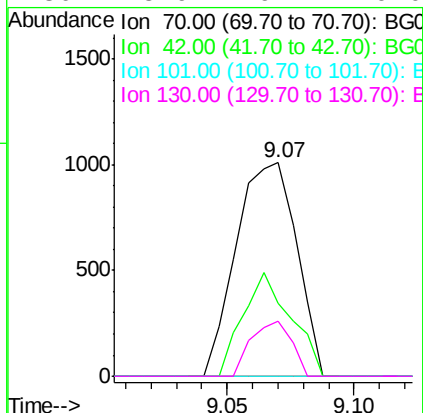
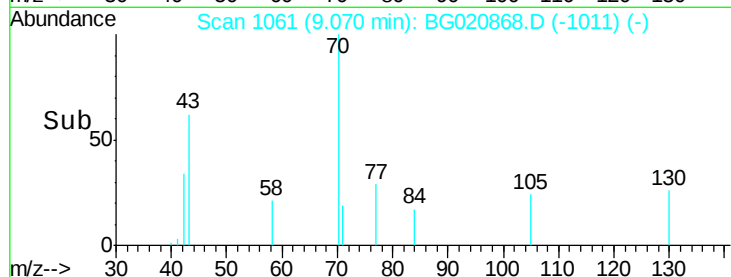
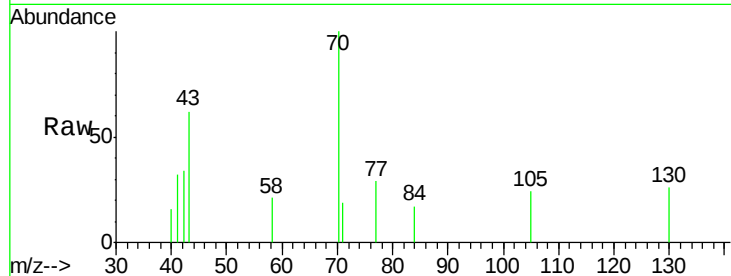




#19
n-Nitroso-di-n-propylamine
Concen: 1.37 ng
RT: 9.07 min Scan# 1061
Delta R.T. -0.01 min
Lab File: BG020868.D
Acq: 11 Feb 2016 22:44

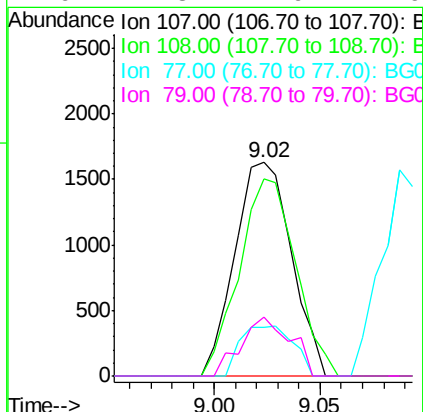
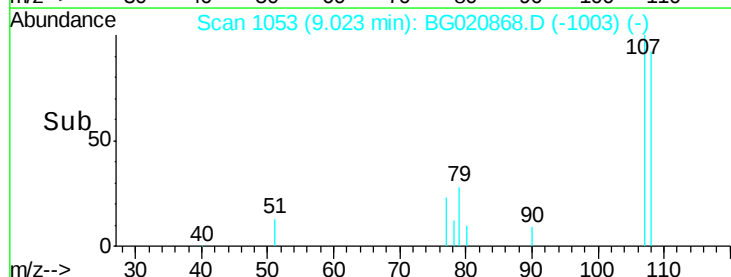
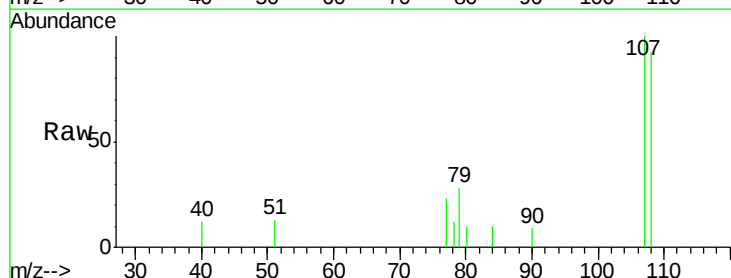
Instrument :
BNA_G
ClientSampleId :
LOD-WATER2016-01

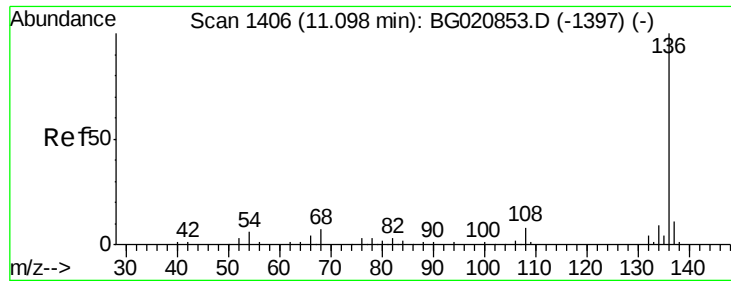
Tgt Ion: 70 Resp: 1676
Ion Ratio Lower Upper
70 100
42 34.0 30.9 46.3
101 0.0 7.3 10.9#
130 25.9 19.4 29.0



#20
3+4-Methylphenols
Concen: 1.50 ng
RT: 9.02 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG020868.D
Acq: 11 Feb 2016 22:44

Tgt Ion: 107 Resp: 3022
Ion Ratio Lower Upper
107 100
108 92.0 64.4 104.4
77 22.7 7.1 47.1
79 27.8 1.9 41.9

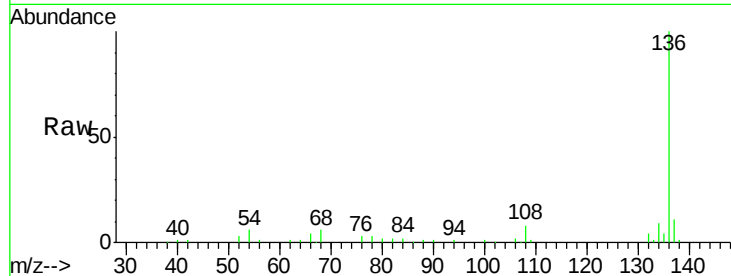




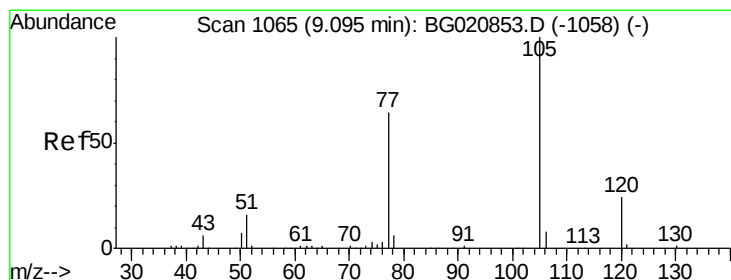
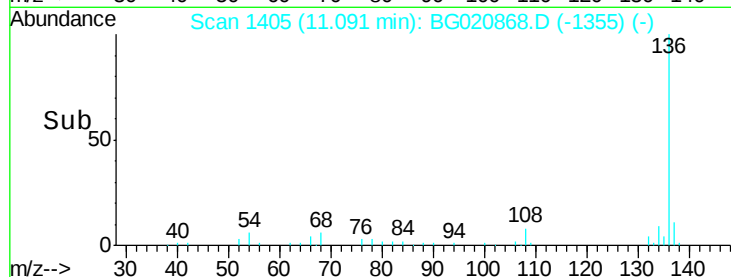
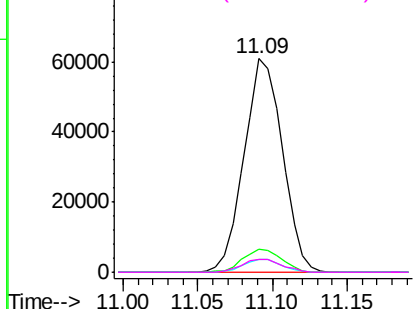
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG020868.D
Acq: 11 Feb 2016 22:44

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2016-01

Tgt Ion:	136	Resp:	108075
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	5.8	5.0	7.4
68	6.0	5.2	7.8

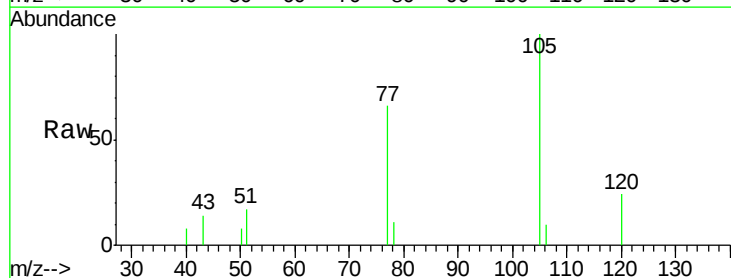


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

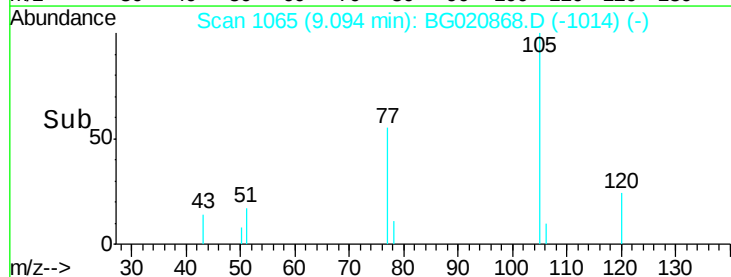
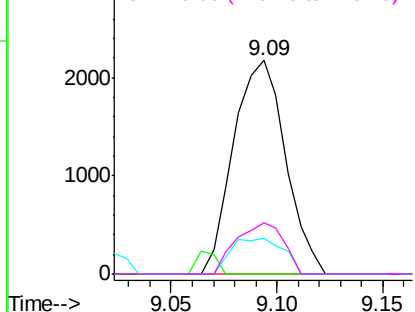


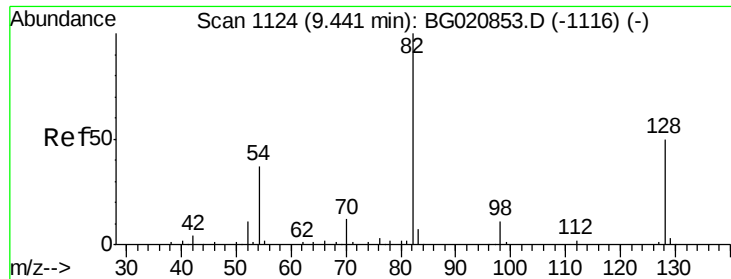
#22
Acetophenone
Concen: 1.42 ng
RT: 9.09 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BG020868.D
Acq: 11 Feb 2016 22:44

Tgt Ion:	105	Resp:	3707
Ion	Ratio	Lower	Upper
105	100		
71	0.0	1.4	2.0#
51	16.9	13.7	20.5
120	24.2	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

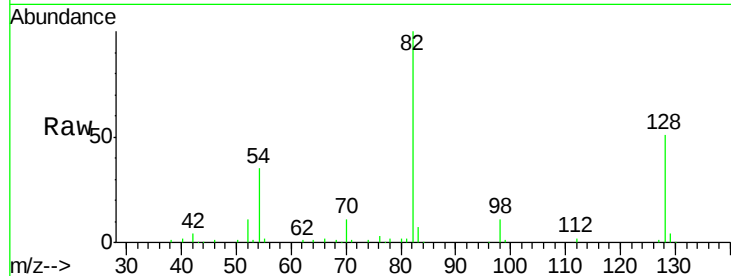




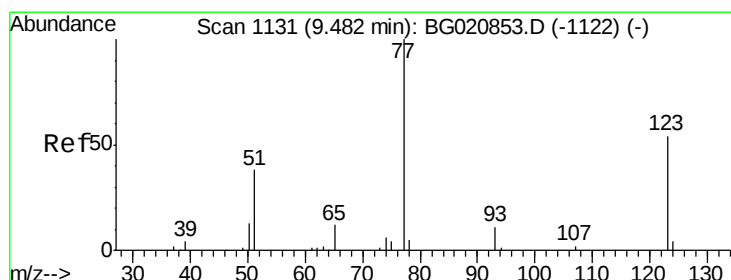
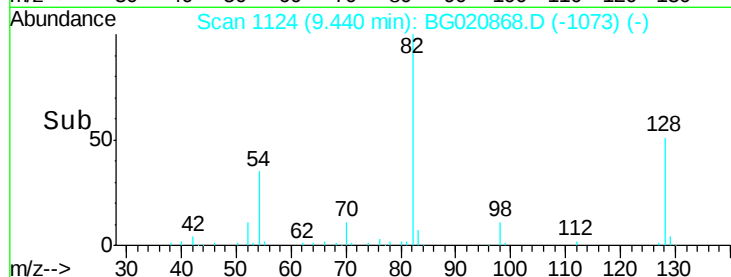
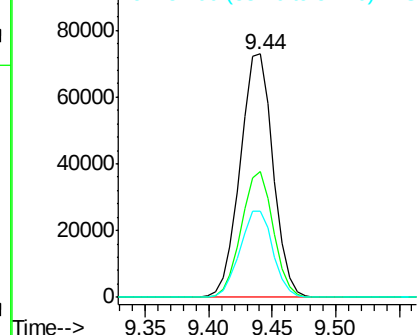
#23
Nitrobenzene-d5
Concen: 79.47 ng
RT: 9.44 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BG020868.D
Acq: 11 Feb 2016 22:44

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2016-01

Tgt Ion: 82 Resp: 130626
Ion Ratio Lower Upper
82 100
128 51.5 40.1 60.1
54 35.3 29.5 44.3

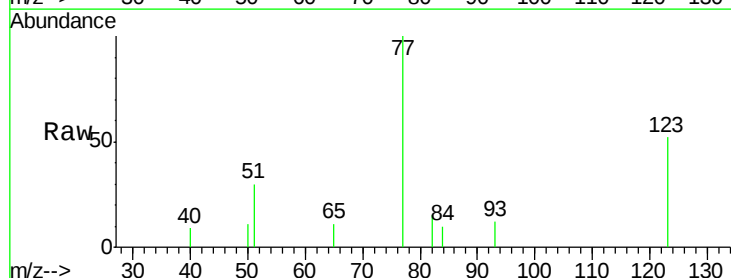


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

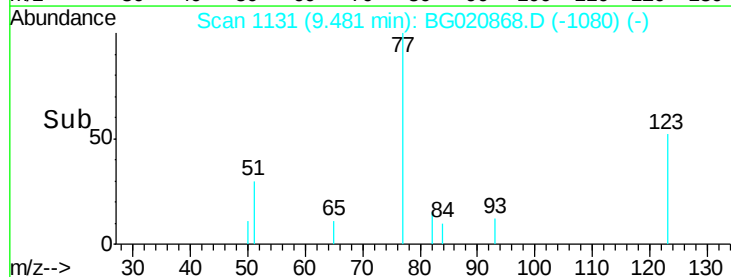
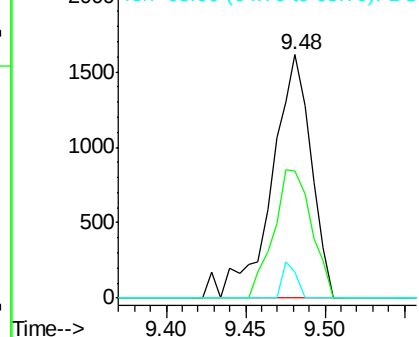


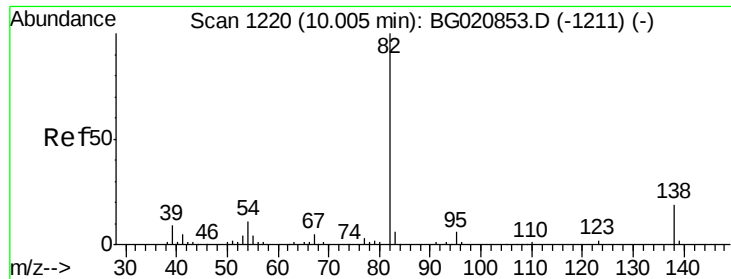
#24
Nitrobenzene
Concen: 1.63 ng
RT: 9.48 min Scan# 1131
Delta R.T. -0.00 min
Lab File: BG020868.D
Acq: 11 Feb 2016 22:44

Tgt Ion: 77 Resp: 2798
Ion Ratio Lower Upper
77 100
123 52.4 43.2 64.8
65 10.8 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: 1.42 ng

RT: 10.00 min Scan# 1219

Delta R.T. -0.01 min

Lab File: BG020868.D

Acq: 11 Feb 2016 22:44

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2016-01

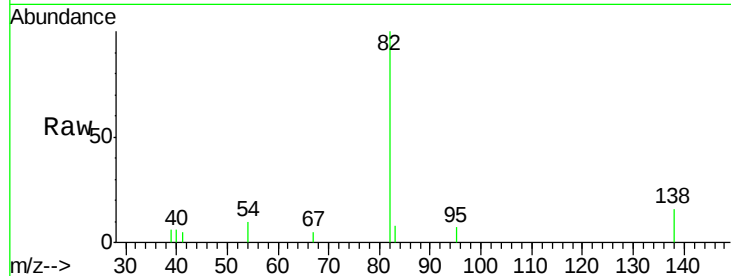
Tgt Ion: 82 Resp: 4911

Ion Ratio Lower Upper

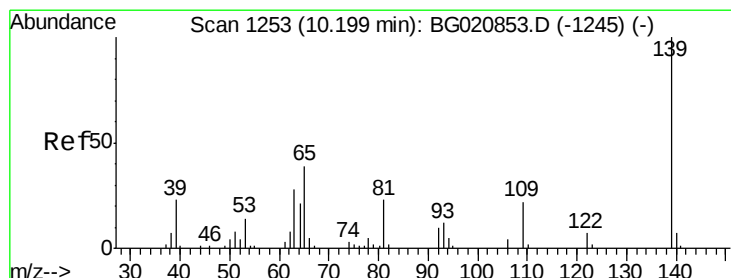
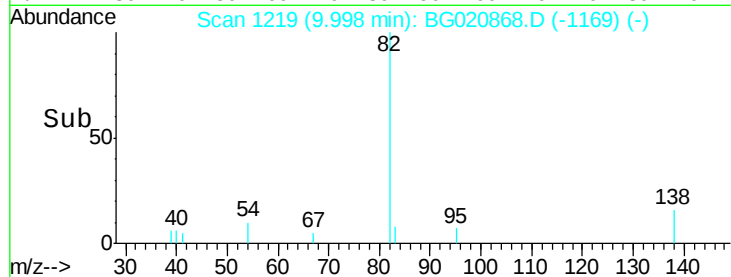
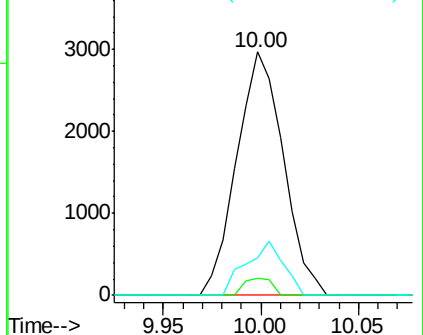
82 100

95 7.1 4.8 7.2

138 15.6 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: 1.27 ng

RT: 10.19 min Scan# 1252

Delta R.T. -0.01 min

Lab File: BG020868.D

Acq: 11 Feb 2016 22:44

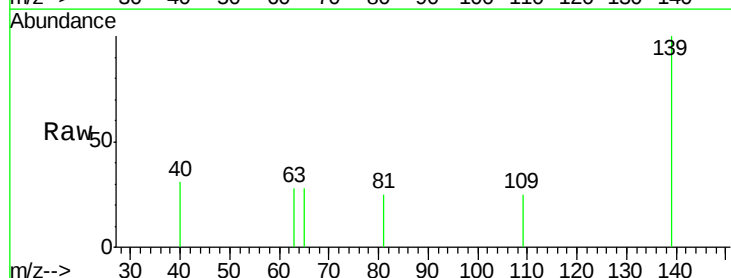
Tgt Ion: 139 Resp: 1144

Ion Ratio Lower Upper

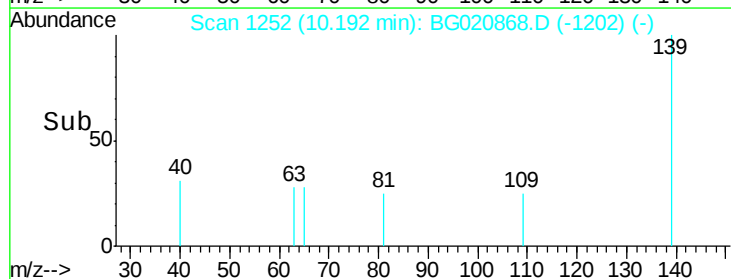
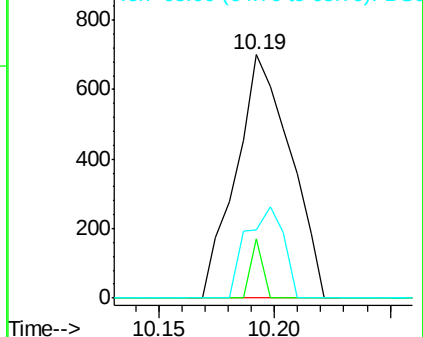
139 100

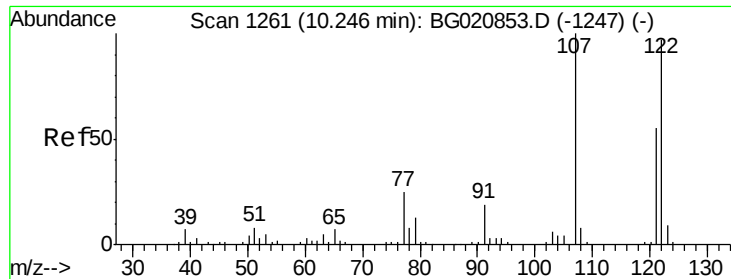
109 24.5 17.6 26.4

65 28.1 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

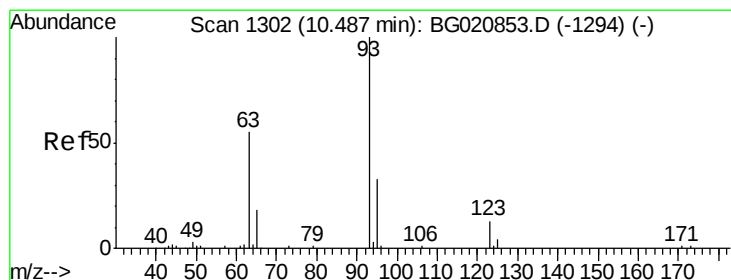
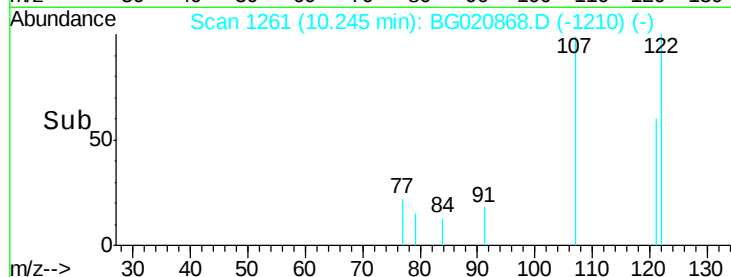
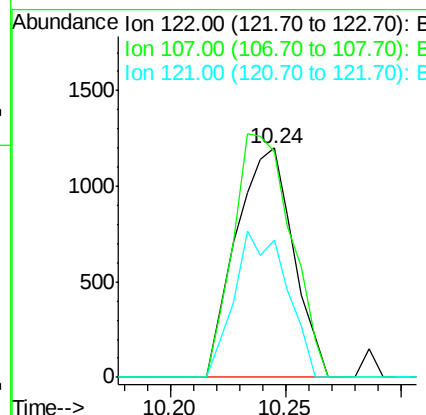
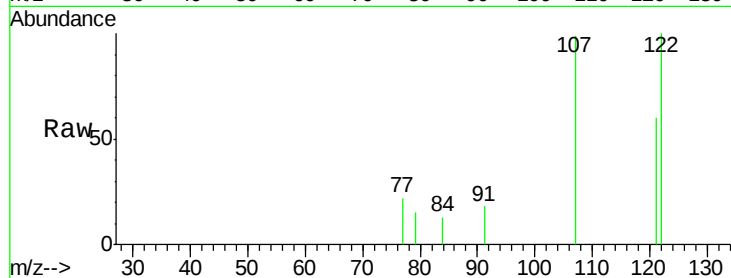




#27
 2,4-Dimethylphenol
 Concen: 1.19 ng
 RT: 10.24 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: BG020868.D
 Acq: 11 Feb 2016 22:44

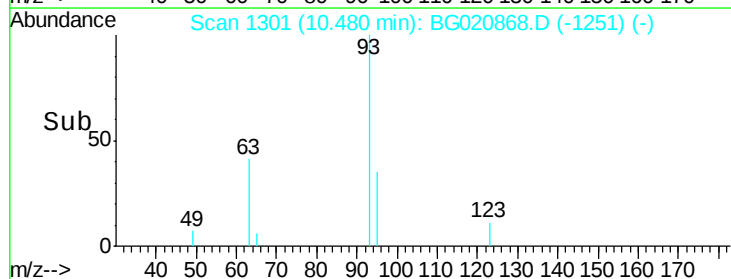
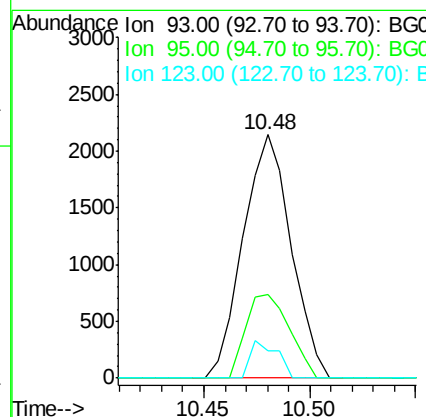
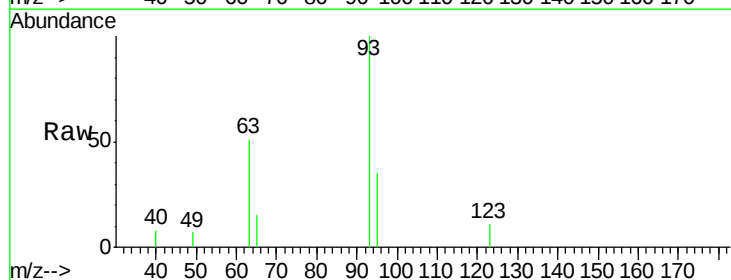
Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER2016-01

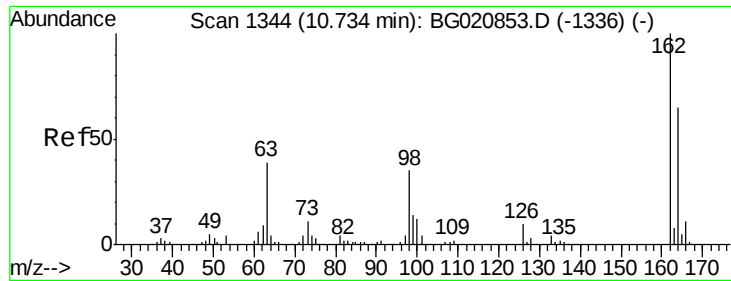
Tgt Ion: 122 Resp: 2061
 Ion Ratio Lower Upper
 122 100
 107 98.7 82.6 124.0
 121 60.0 45.6 68.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 1.58 ng
 RT: 10.48 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: BG020868.D
 Acq: 11 Feb 2016 22:44

Tgt Ion: 93 Resp: 3371
 Ion Ratio Lower Upper
 93 100
 95 34.6 26.2 39.2
 123 11.5 10.0 15.0

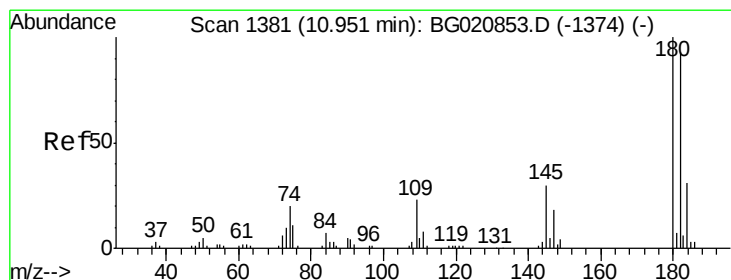
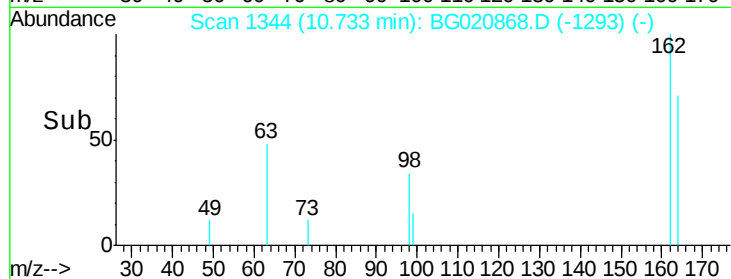
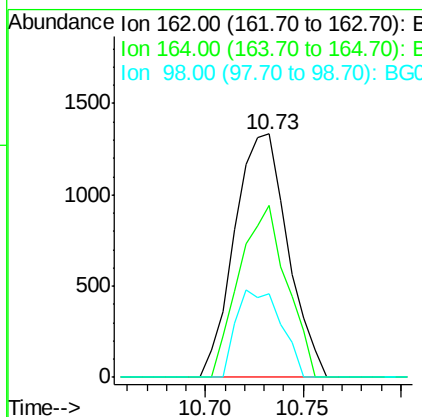
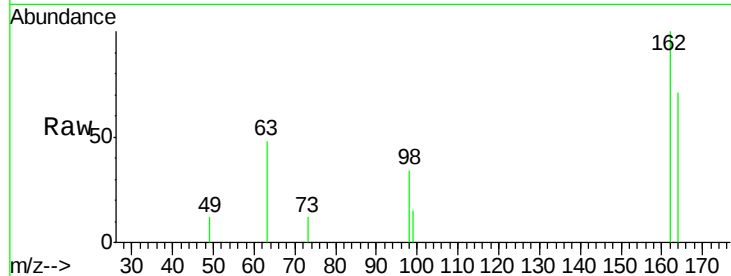




#29
 2,4-Dichlorophenol
 Concen: 1.63 ng
 RT: 10.73 min Scan# 1344
 Delta R.T. -0.00 min
 Lab File: BG020868.D
 Acq: 11 Feb 2016 22:44

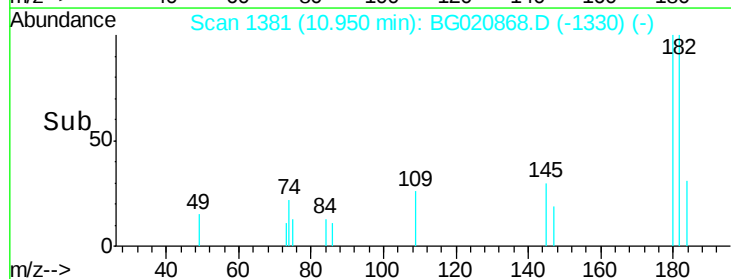
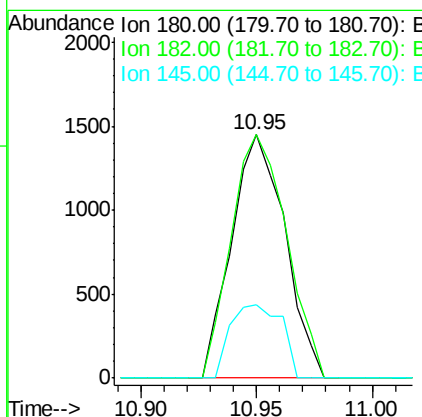
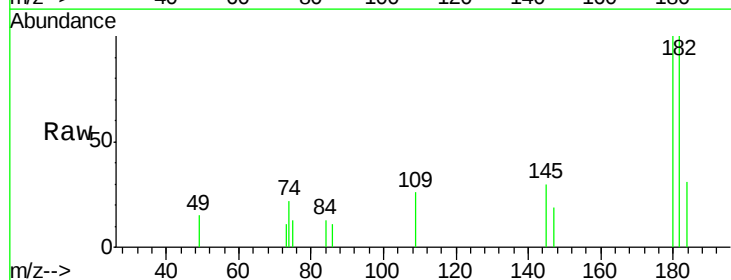
Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER2016-01

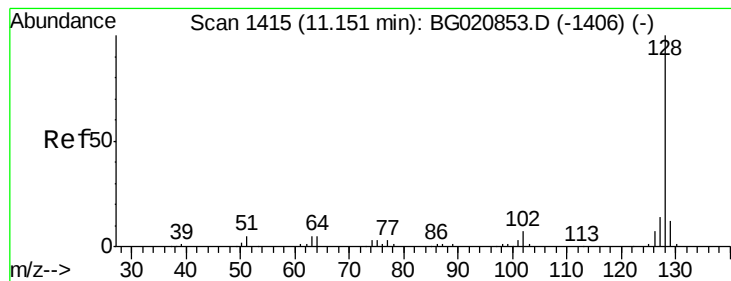
Tgt Ion:162 Resp: 2522
 Ion Ratio Lower Upper
 162 100
 164 70.6 44.5 84.5
 98 34.4 14.9 54.9



#30
 1,2,4-Trichlorobenzene
 Concen: 1.49 ng
 RT: 10.95 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: BG020868.D
 Acq: 11 Feb 2016 22:44

Tgt Ion:180 Resp: 2327
 Ion Ratio Lower Upper
 180 100
 182 99.8 74.1 111.1
 145 30.3 24.1 36.1





#31

Naphthalene

Concen: 1.61 ng

RT: 11.14 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BG020868.D

Acq: 11 Feb 2016 22:44

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2016-01

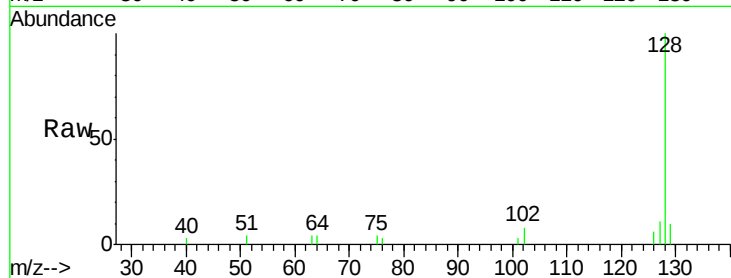
Tgt Ion:128 Resp: 9008

Ion Ratio Lower Upper

128 100

129 10.5 9.3 13.9

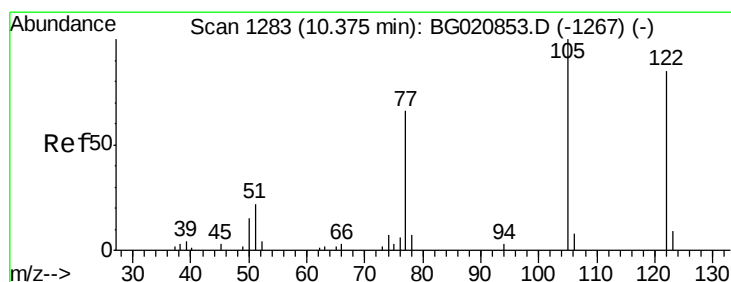
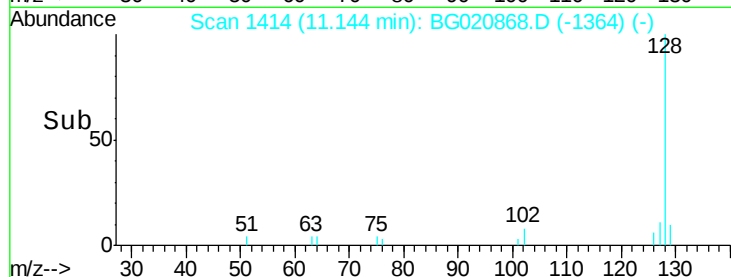
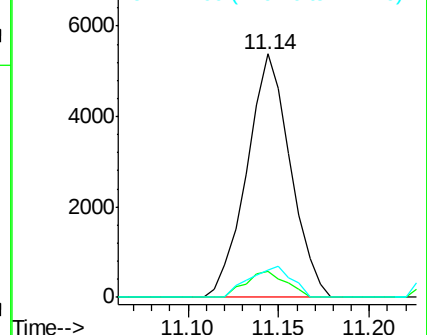
127 11.3 11.4 17.2#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 1.49 ng

RT: 10.24 min Scan# 1261

Delta R.T. -0.13 min

Lab File: BG020868.D

Acq: 11 Feb 2016 22:44

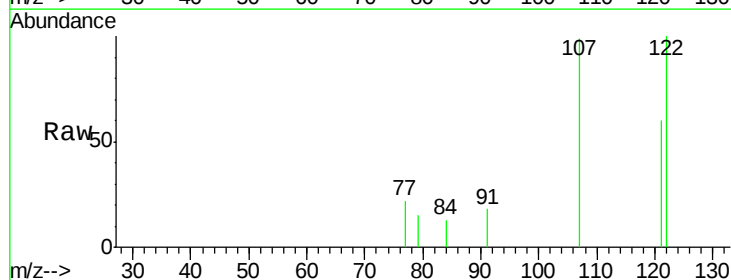
Tgt Ion:122 Resp: 2061

Ion Ratio Lower Upper

122 100

105 0.0 94.0 134.0#

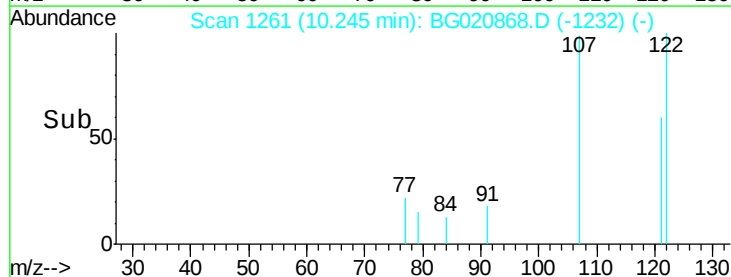
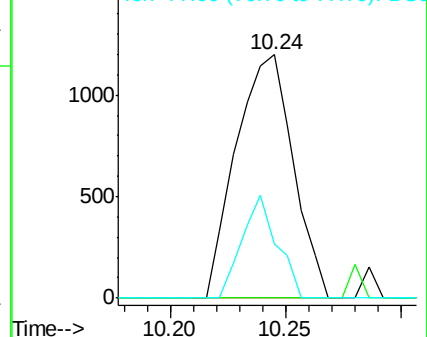
77 22.2 56.8 96.8#

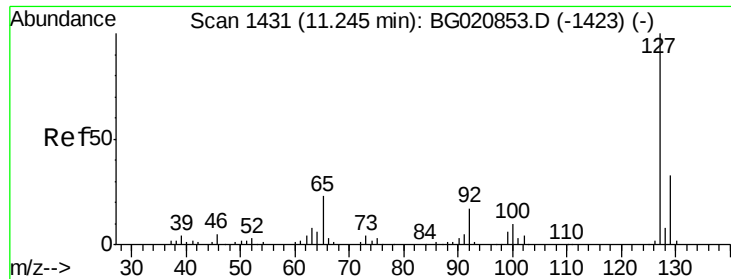


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

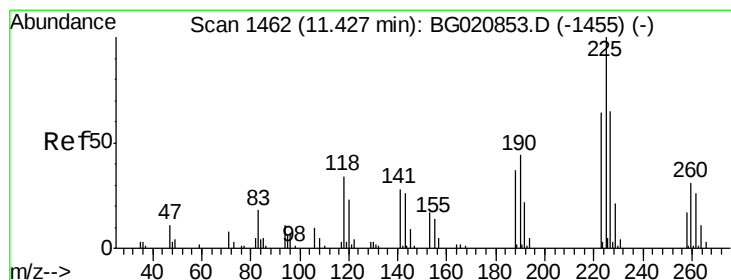
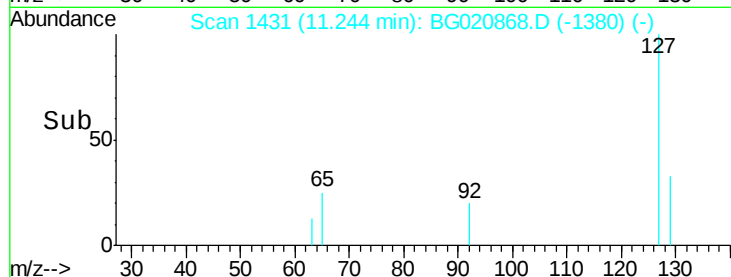
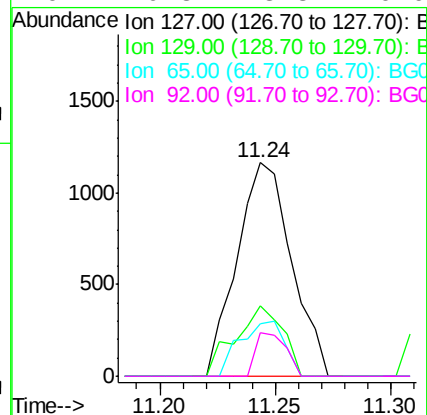
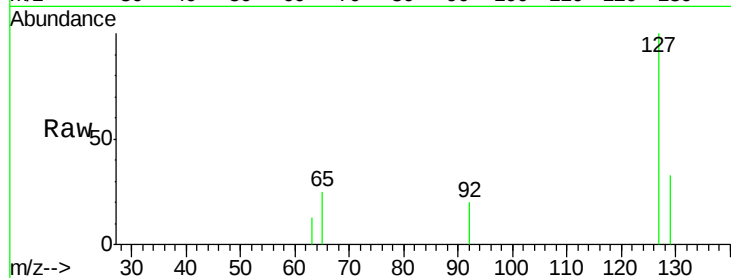




#33
4-Chloroaniline
Concen: 0.80 ng
RT: 11.24 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BG020868.D
Acq: 11 Feb 2016 22:44

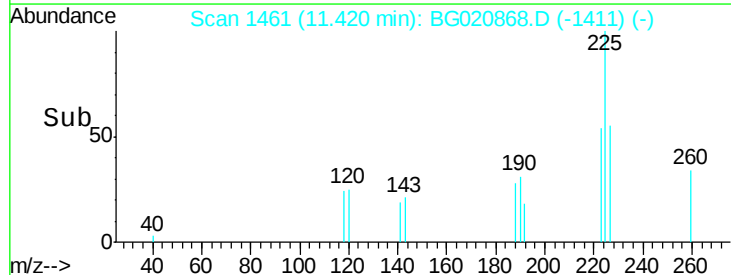
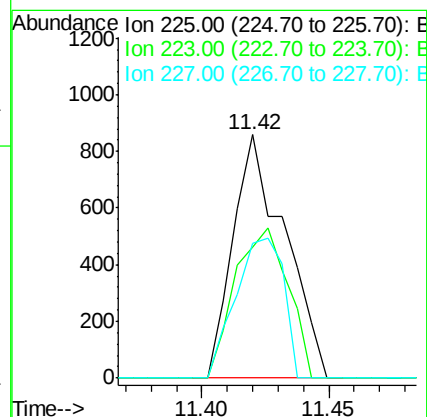
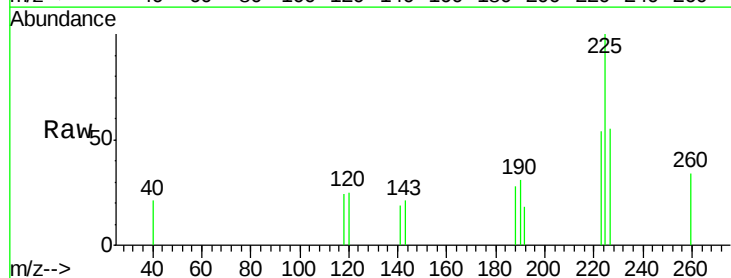
Instrument :
BNA_G
ClientSampleId :
LOD-WATER2016-01

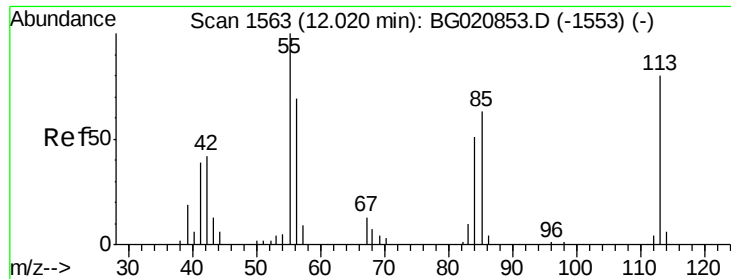
Tgt Ion:127 Resp: 1915
Ion Ratio Lower Upper
127 100
129 33.2 26.2 39.4
65 24.7 18.6 27.8
92 20.3 13.3 19.9#



#34
Hexachlorobutadiene
Concen: 1.53 ng
RT: 11.42 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BG020868.D
Acq: 11 Feb 2016 22:44

Tgt Ion:225 Resp: 1219
Ion Ratio Lower Upper
225 100
223 53.6 51.0 76.6
227 55.3 51.7 77.5





#35

Caprolactam

Concen: 1.25 ng

RT: 11.99 min Scan# 1558

Delta R.T. -0.03 min

Lab File: BG020868.D

Acq: 11 Feb 2016 22:44

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2016-01

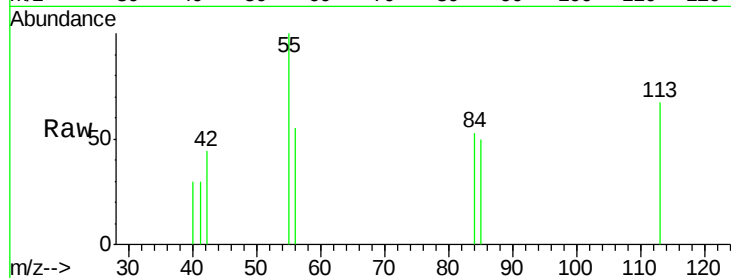
Tgt Ion:113 Resp: 741

Ion Ratio Lower Upper

113 100

55 150.0 104.4 144.4#

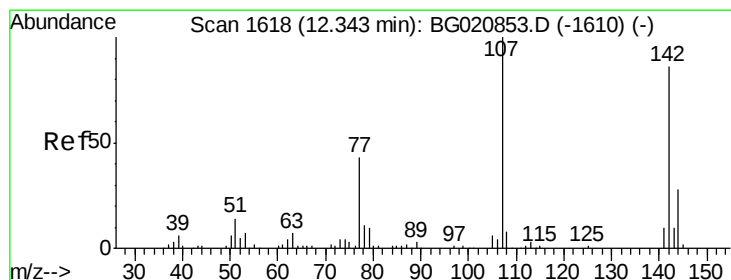
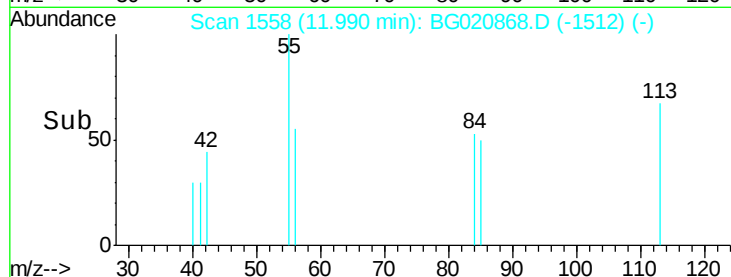
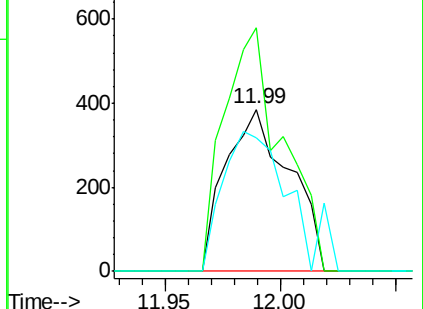
56 82.1 65.4 105.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 1.57 ng

RT: 12.34 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BG020868.D

Acq: 11 Feb 2016 22:44

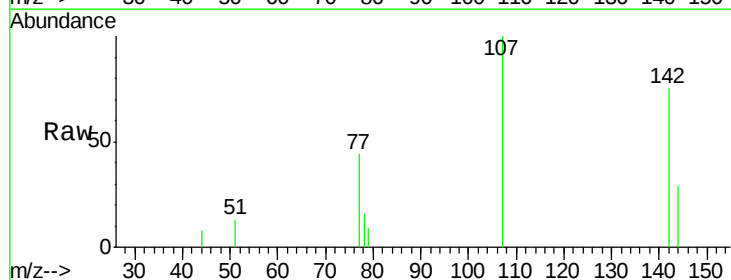
Tgt Ion:107 Resp: 2782

Ion Ratio Lower Upper

107 100

144 29.1 22.4 33.6

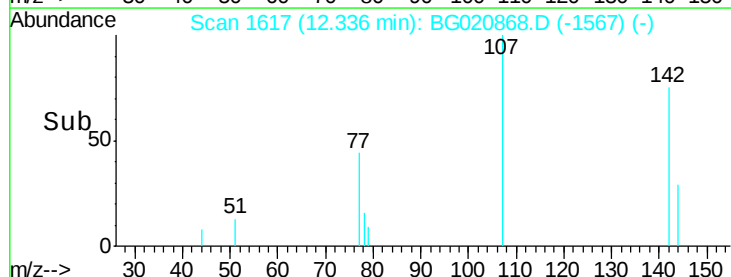
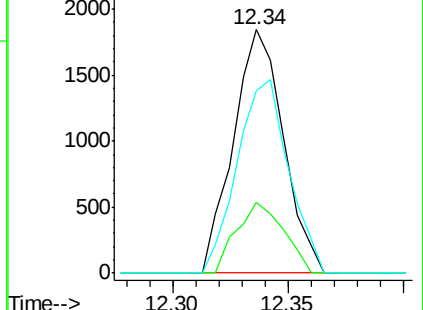
142 74.6 68.6 103.0

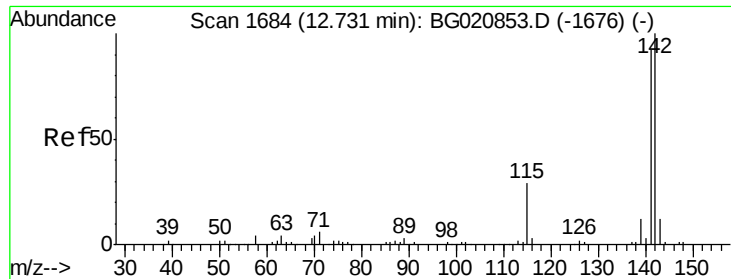


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

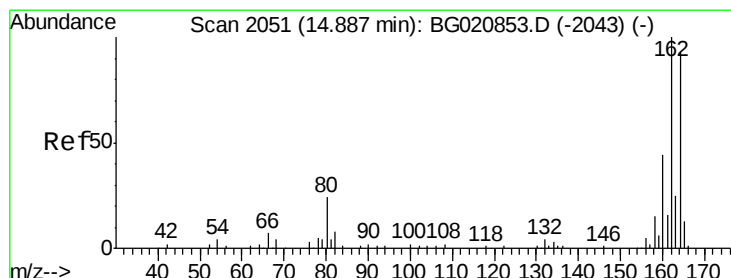
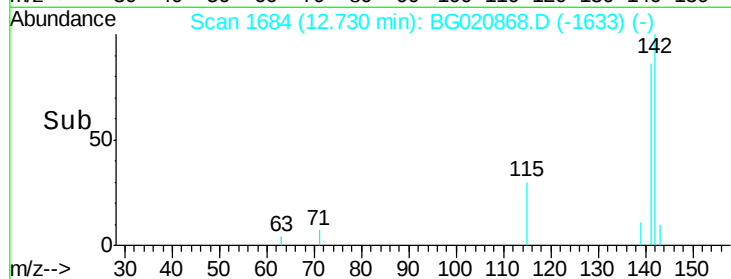
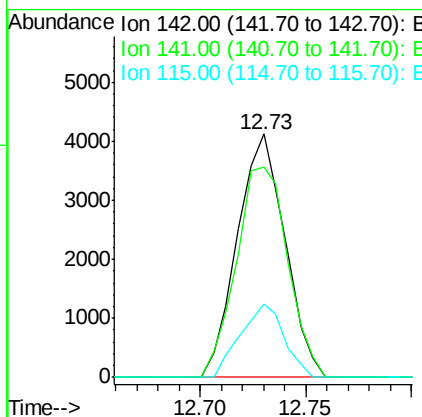
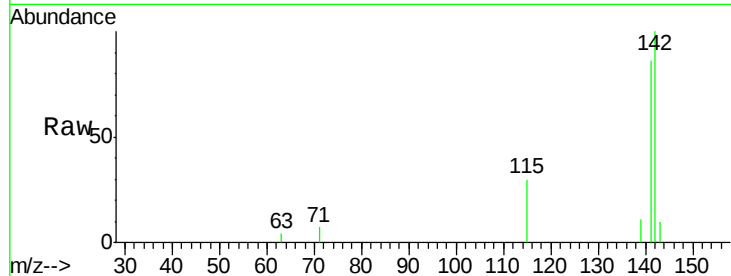




#37
 2-Methylnaphthalene
 Concen: 1.64 ng
 RT: 12.73 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: BG020868.D
 Acq: 11 Feb 2016 22:44

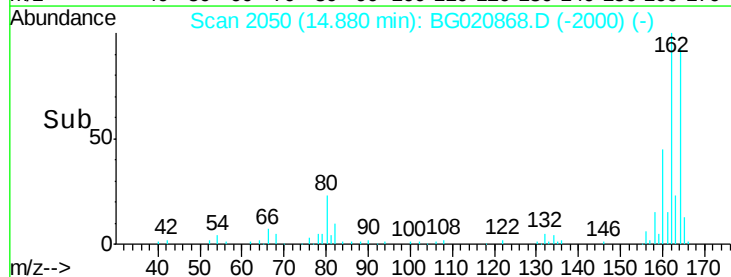
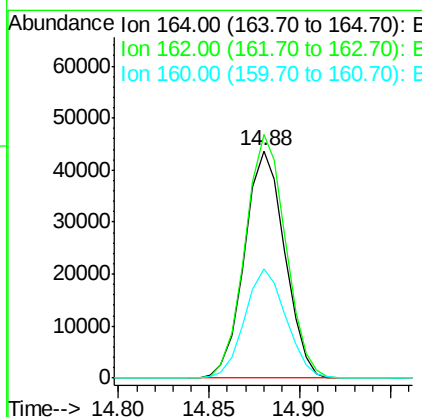
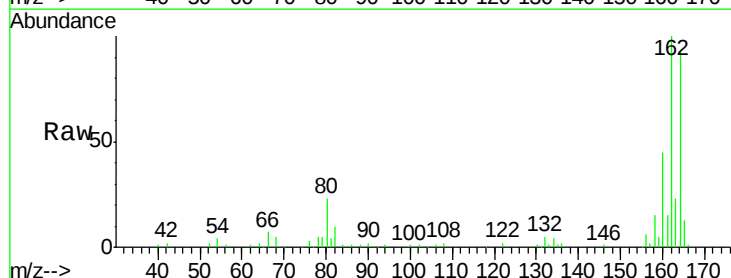
Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER2016-01

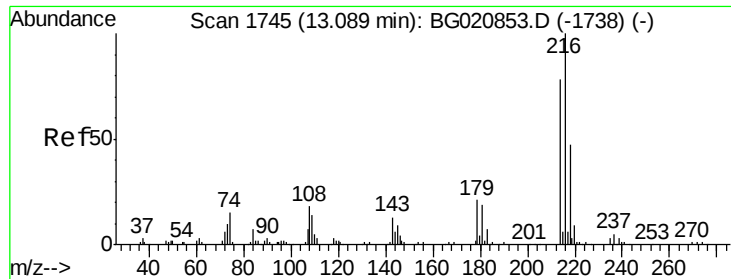
Tgt Ion:142 Resp: 6446
 Ion Ratio Lower Upper
 142 100
 141 86.2 73.4 110.2
 115 30.0 23.0 34.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.88 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BG020868.D
 Acq: 11 Feb 2016 22:44

Tgt Ion:164 Resp: 67410
 Ion Ratio Lower Upper
 164 100
 162 107.0 85.7 128.5
 160 48.2 37.4 56.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 1.42 ng

RT: 13.09 min Scan# 1745

Delta R.T. -0.00 min

Lab File: BG020868.D

Acq: 11 Feb 2016 22:44

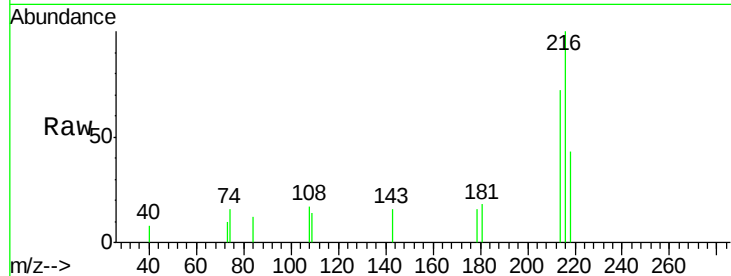
Instrument :

BNA_G

ClientSampleId :

LOD-WATER2016-01

Tgt Ion:	216	Resp:	2812
Ion	Ratio	Lower	Upper
216	100		
214	74.1	61.9	92.9
179	18.0	16.5	24.7
108	12.1	15.1	22.7#

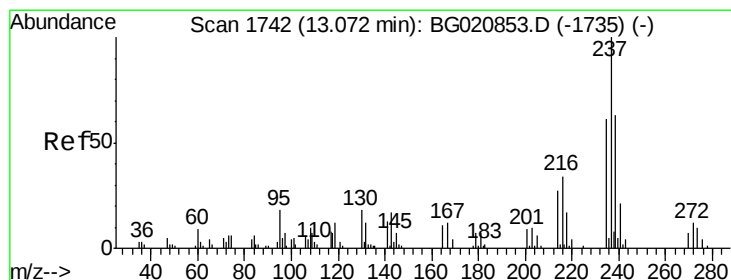
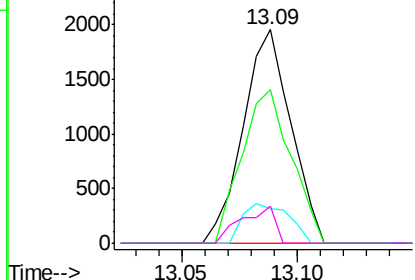
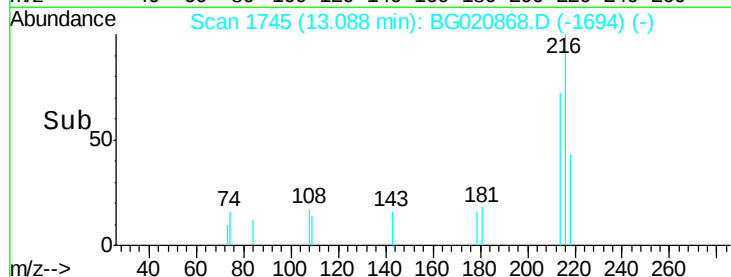


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 0.73 ng

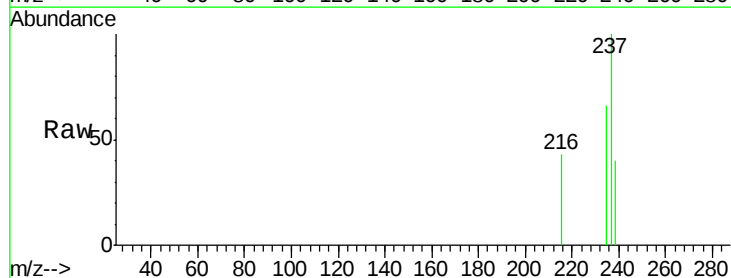
RT: 13.06 min Scan# 1741

Delta R.T. -0.01 min

Lab File: BG020868.D

Acq: 11 Feb 2016 22:44

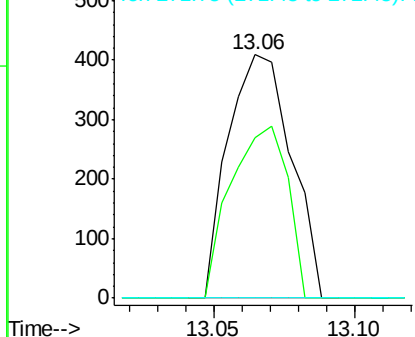
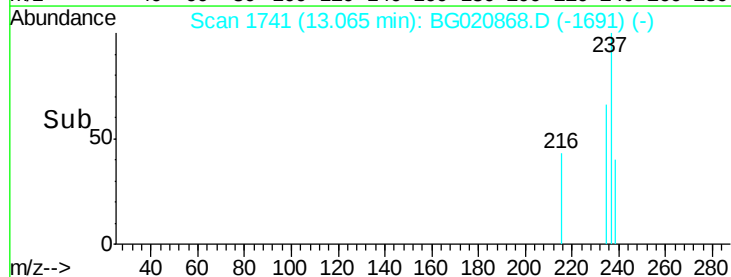
Tgt Ion:	237	Resp:	633
Ion	Ratio	Lower	Upper
237	100		
235	65.8	40.8	80.8
272	0.0	0.0	32.3

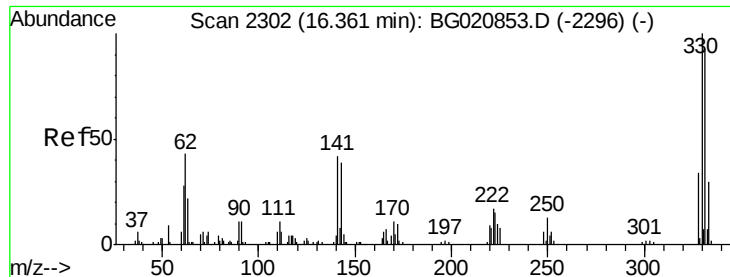


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

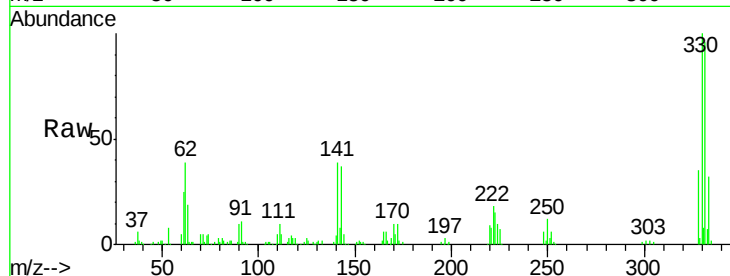




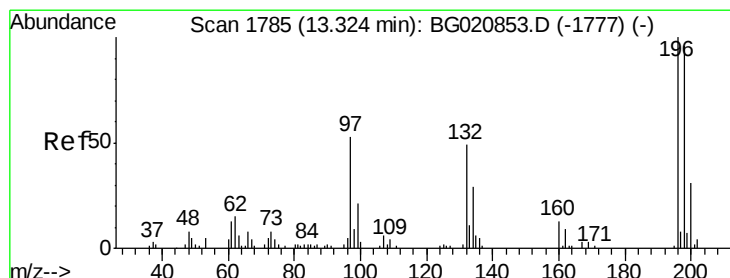
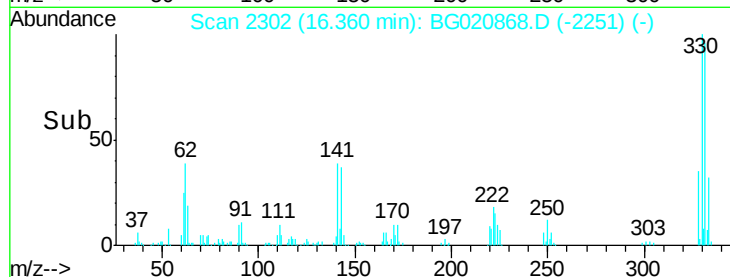
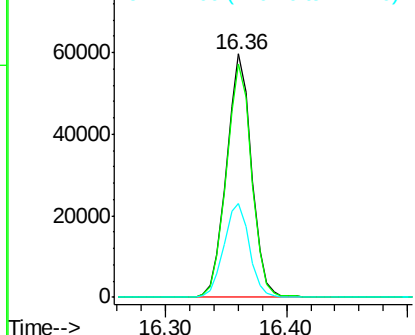
#41
 2,4,6-Tribromophenol
 Concen: 129.54 ng
 RT: 16.36 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: BG020868.D
 Acq: 11 Feb 2016 22:44

Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER2016-01

Tgt Ion:330 Resp: 85871
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.1 114.1
 141 39.0 32.0 48.0

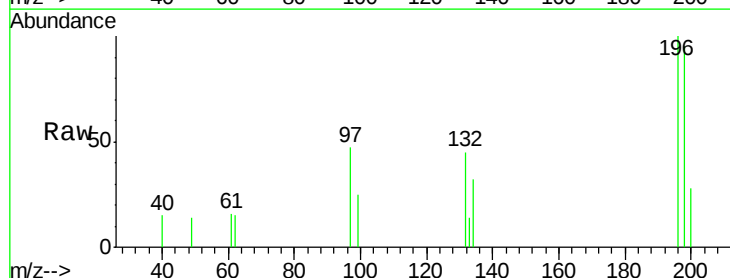


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

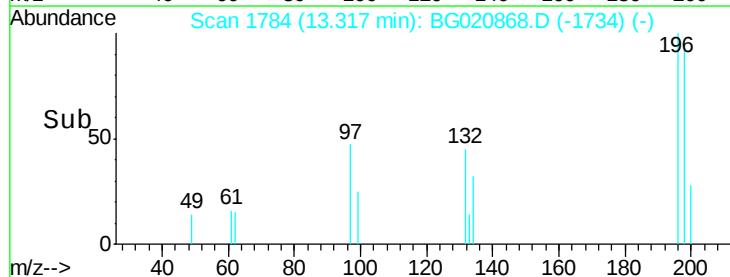
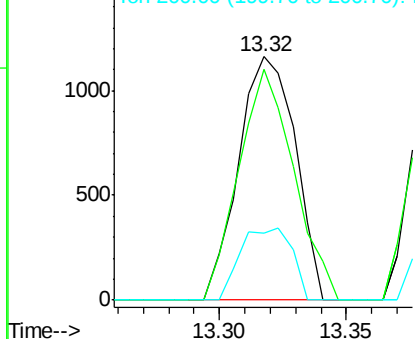


#42
 2,4,6-Trichlorophenol
 Concen: 1.36 ng
 RT: 13.32 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: BG020868.D
 Acq: 11 Feb 2016 22:44

Tgt Ion:196 Resp: 1803
 Ion Ratio Lower Upper
 196 100
 198 94.8 77.1 115.7
 200 27.6 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

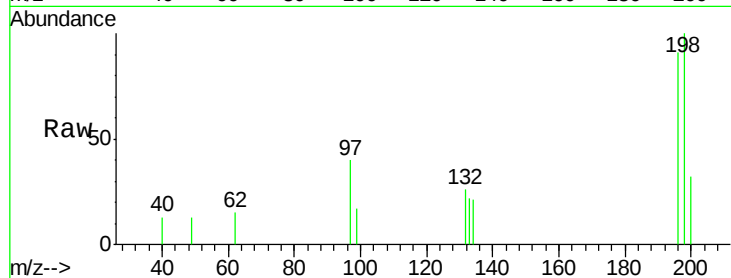




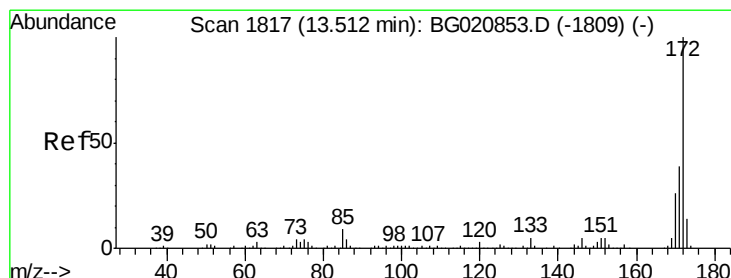
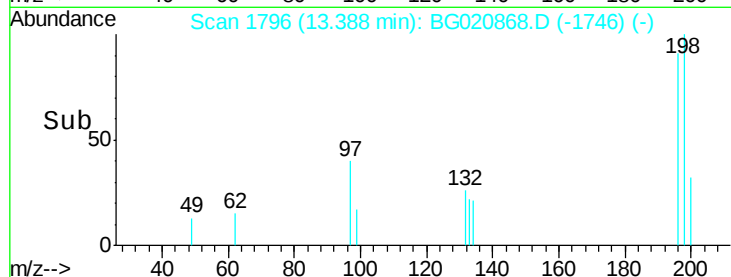
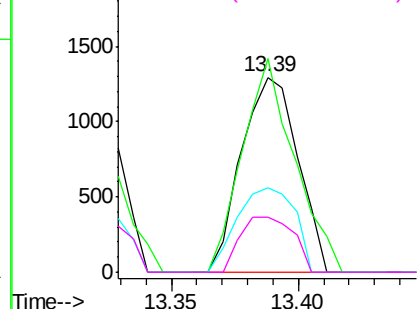
#43
2,4,5-Trichlorophenol
Concen: 1.43 ng
RT: 13.39 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BG020868.D
Acq: 11 Feb 2016 22:44

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2016-01

Tgt Ion:196 Resp: 2004
Ion Ratio Lower Upper
196 100
198 109.6 76.4 114.6
97 43.6 37.4 56.0
132 28.1 24.7 37.1

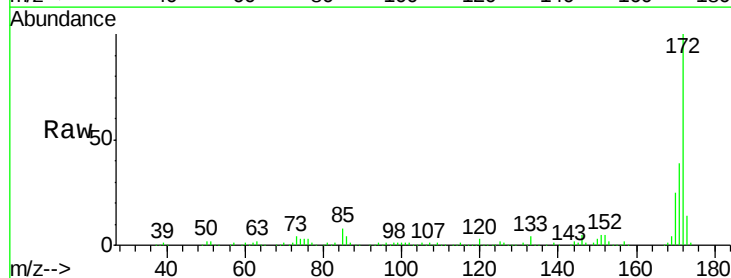


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BG
Ion 132.00 (131.70 to 132.70): E

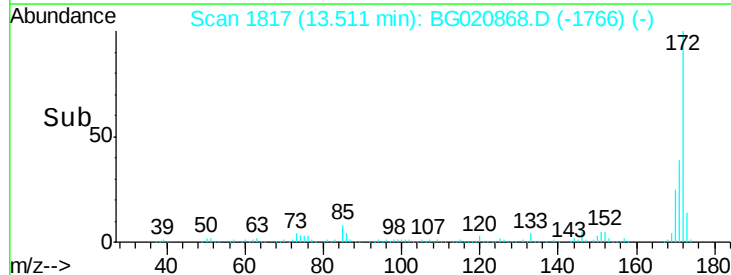
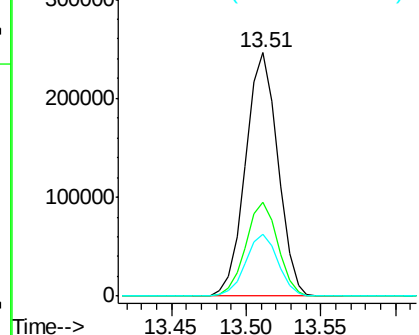


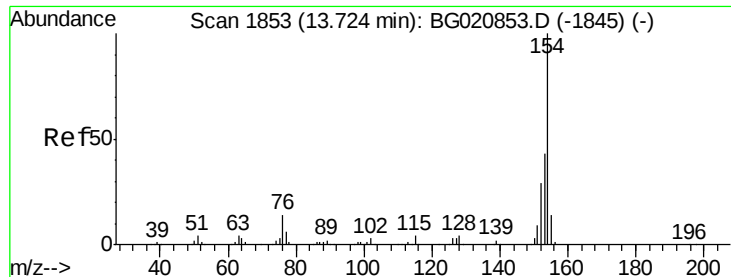
#44
2-Fluorobiphenyl
Concen: 76.78 ng
RT: 13.51 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BG020868.D
Acq: 11 Feb 2016 22:44

Tgt Ion:172 Resp: 368441
Ion Ratio Lower Upper
172 100
171 38.5 31.2 46.8
170 25.3 20.6 30.8



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

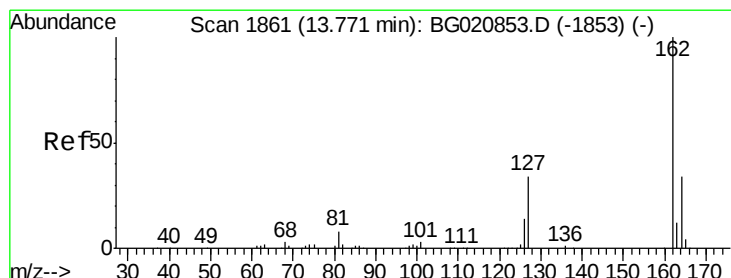
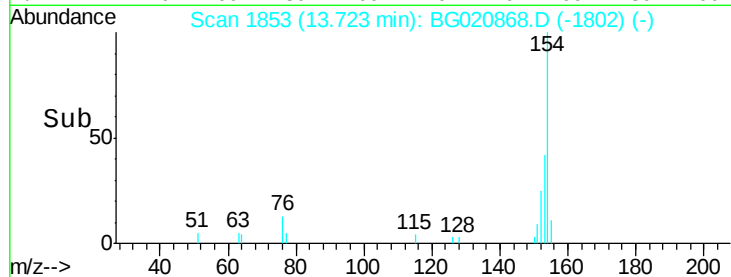
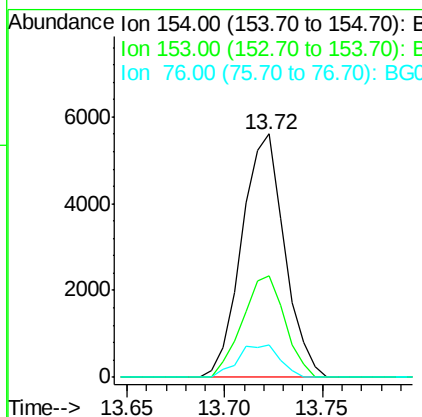
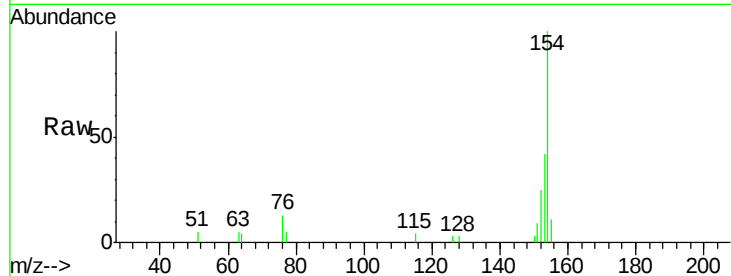




#45
 1,1'-Biphenyl
 Concen: 1.43 ng
 RT: 13.72 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: BG020868.D
 Acq: 11 Feb 2016 22:44

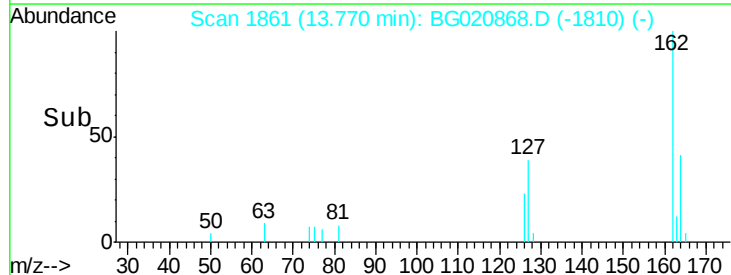
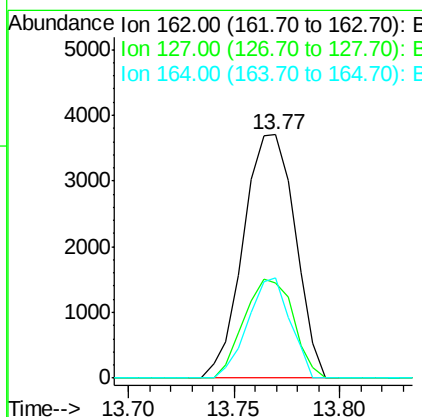
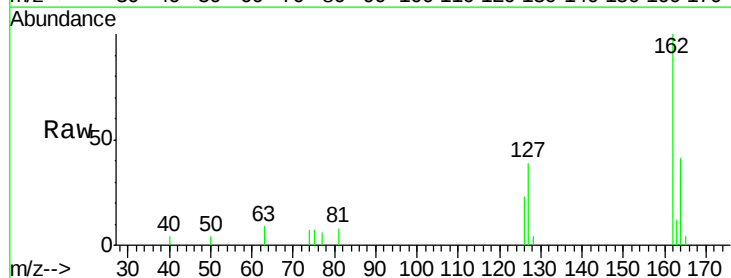
Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER2016-01

Tgt Ion:154 Resp: 8496
 Ion Ratio Lower Upper
 154 100
 153 41.5 22.5 62.5
 76 13.5 0.0 33.8



#46
 2-Chloronaphthalene
 Concen: 1.48 ng
 RT: 13.77 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: BG020868.D
 Acq: 11 Feb 2016 22:44

Tgt Ion:162 Resp: 6319
 Ion Ratio Lower Upper
 162 100
 127 39.1 30.6 45.8
 164 41.1 26.8 40.2#

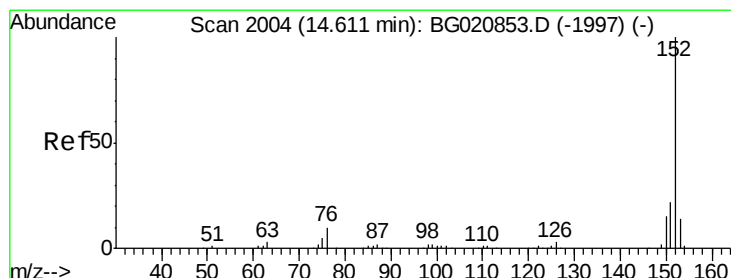
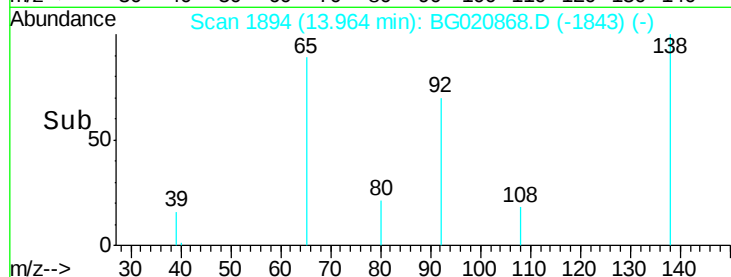
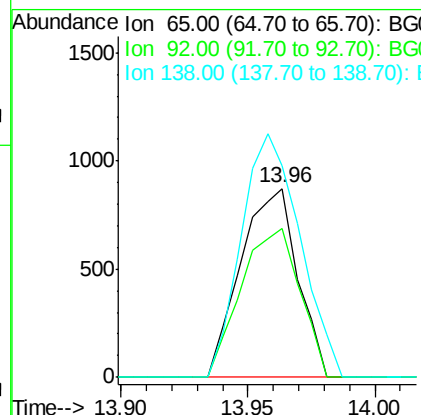
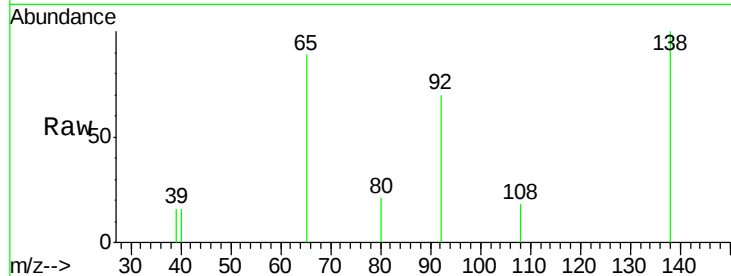




#47
 2-Nitroaniline
 Concen: 1.33 ng
 RT: 13.96 min Scan# 1894
 Delta R.T. -0.00 min
 Lab File: BG020868.D
 Acq: 11 Feb 2016 22:44

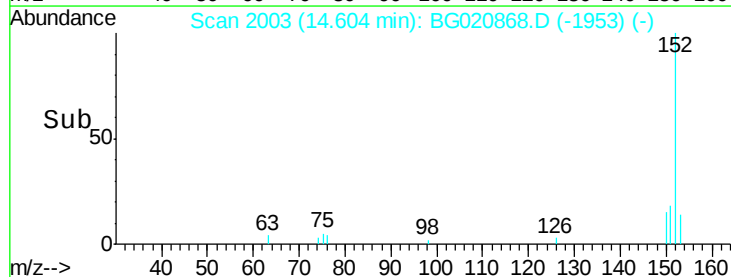
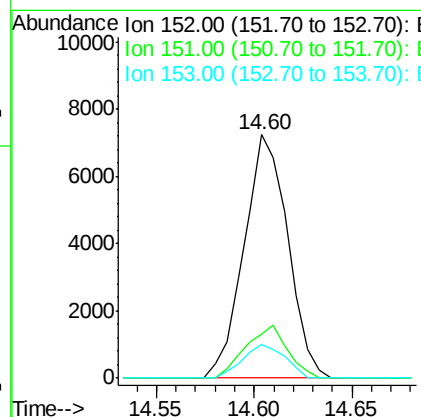
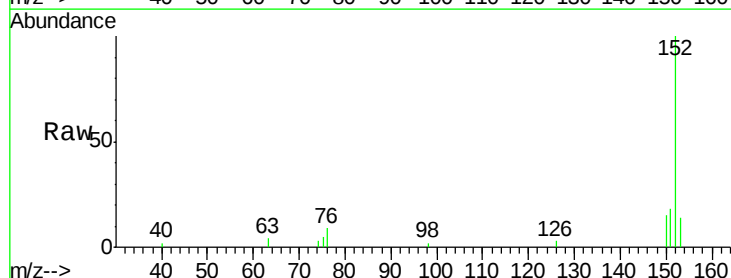
Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER2016-01

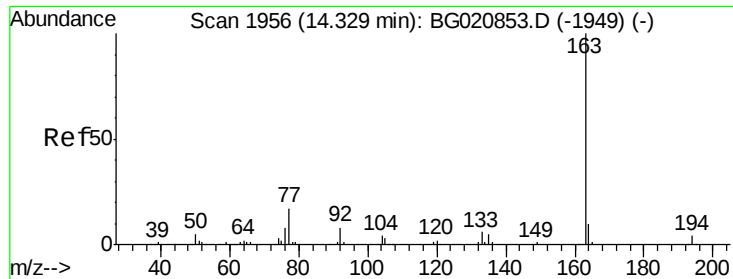
Tgt Ion: 65 Resp: 1359
 Ion Ratio Lower Upper
 65 100
 92 78.4 65.8 98.8
 138 111.8 117.1 175.7#



#48
 Acenaphthylene
 Concen: 1.52 ng
 RT: 14.60 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BG020868.D
 Acq: 11 Feb 2016 22:44

Tgt Ion: 152 Resp: 11224
 Ion Ratio Lower Upper
 152 100
 151 18.2 17.5 26.3
 153 13.7 10.9 16.3





#49

Dimethylphthalate

Concen: 1.48 ng

RT: 14.32 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG020868.D

Acq: 11 Feb 2016 22:44

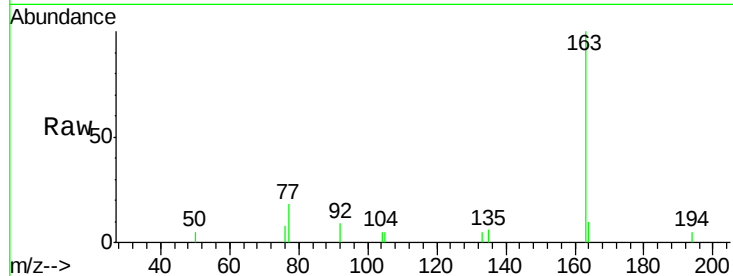
Instrument :

BNA_G

ClientSampleId :

LOD-WATER2016-01

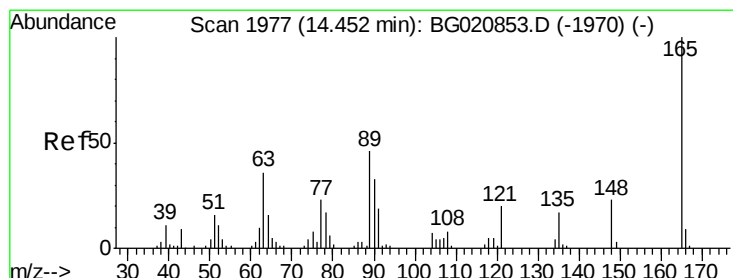
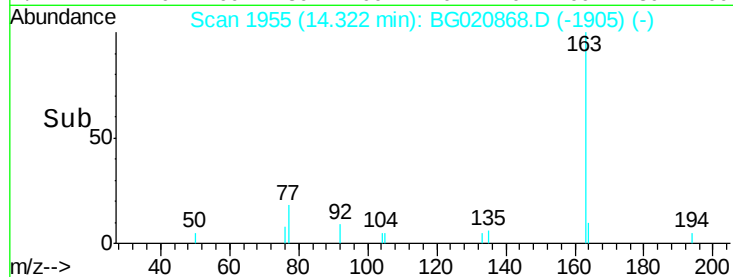
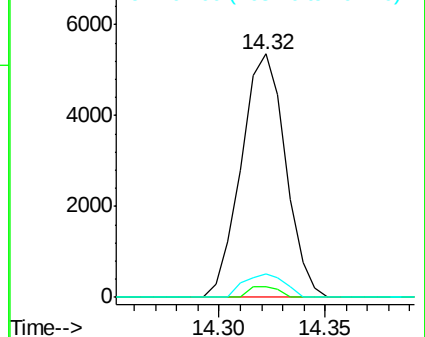
Tgt Ion:	163	Resp:	7815
Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.1	4.7
164	9.6	8.3	12.5



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: 1.30 ng

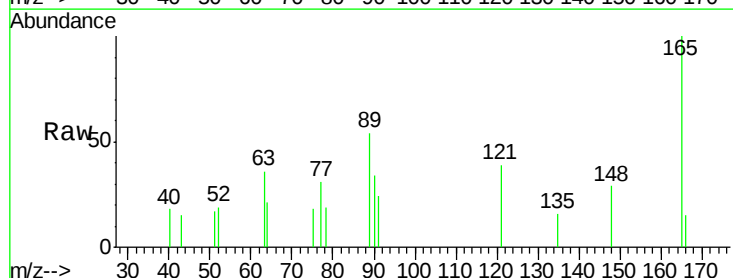
RT: 14.45 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BG020868.D

Acq: 11 Feb 2016 22:44

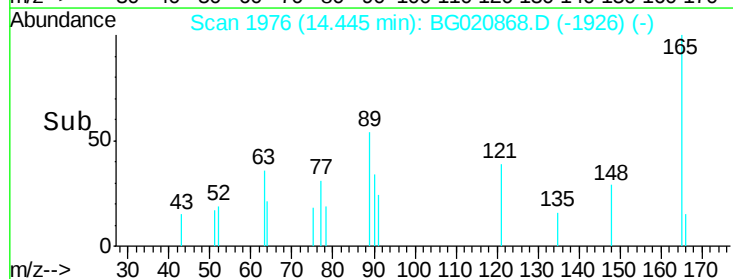
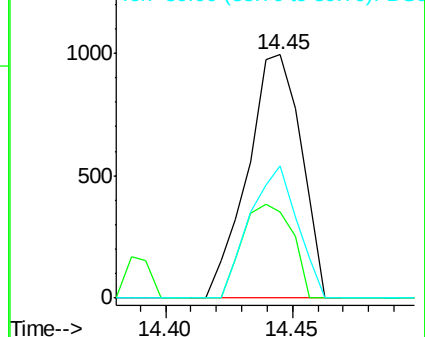
Tgt Ion:	165	Resp:	1473
Ion	Ratio	Lower	Upper
165	100		
63	35.6	30.3	45.5
89	54.3	36.9	55.3

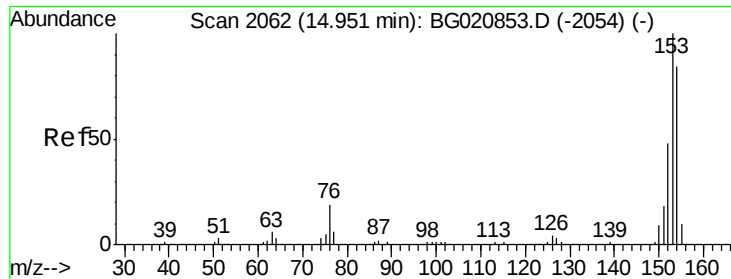


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 1.48 ng

RT: 14.94 min Scan# 2061

Delta R.T. -0.01 min

Lab File: BG020868.D

Acq: 11 Feb 2016 22:44

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2016-01

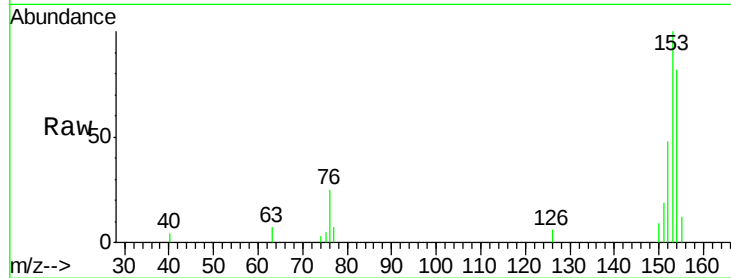
Tgt Ion:154 Resp: 6664

Ion Ratio Lower Upper

154 100

153 121.9 95.4 143.0

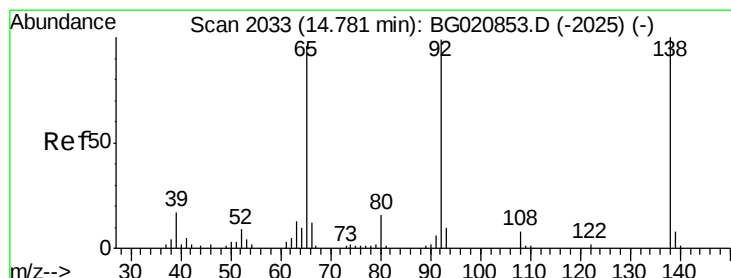
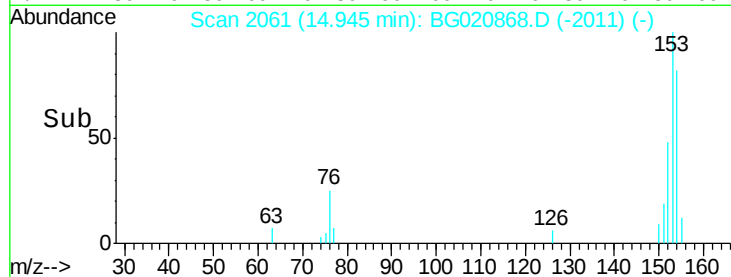
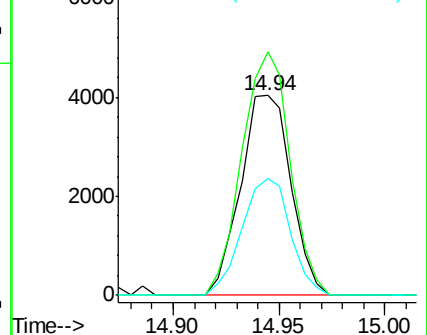
152 58.4 46.1 69.1



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: 1.15 ng

RT: 14.77 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BG020868.D

Acq: 11 Feb 2016 22:44

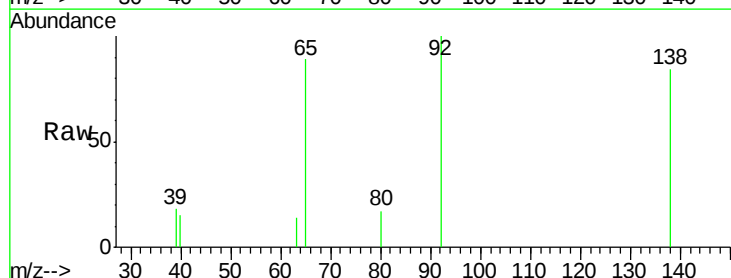
Tgt Ion:138 Resp: 1503

Ion Ratio Lower Upper

138 100

108 0.0 6.2 9.2#

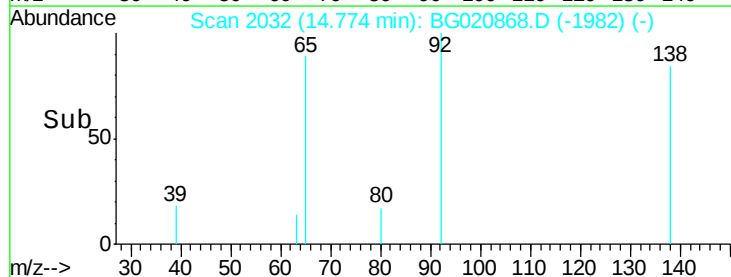
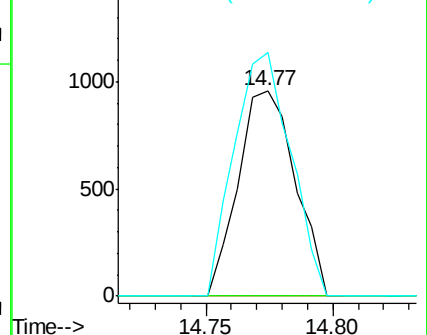
92 118.6 79.5 119.3

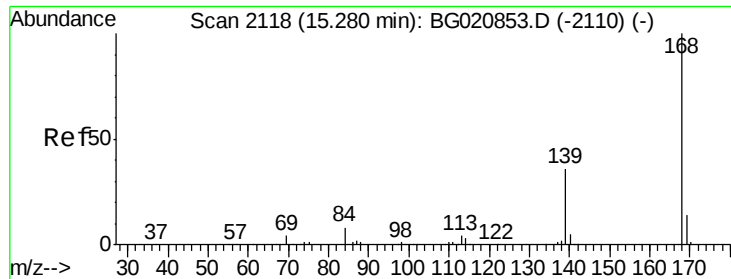


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#54

Dibenzenofuran

Concen: 1.76 ng

RT: 15.27 min Scan# 2117

Delta R.T. -0.01 min

Lab File: BG020868.D

Acq: 11 Feb 2016 22:44

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2016-01

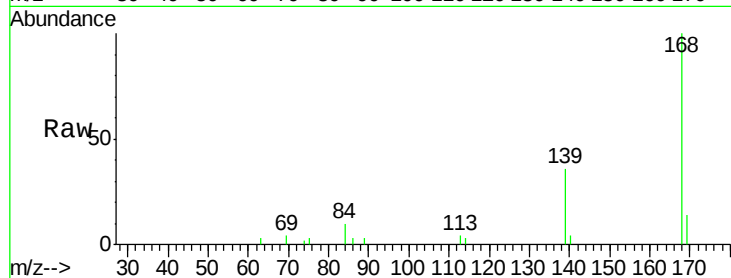
Tgt Ion:168 Resp: 10424

Ion Ratio Lower Upper

168 100

139 36.1 28.5 42.7

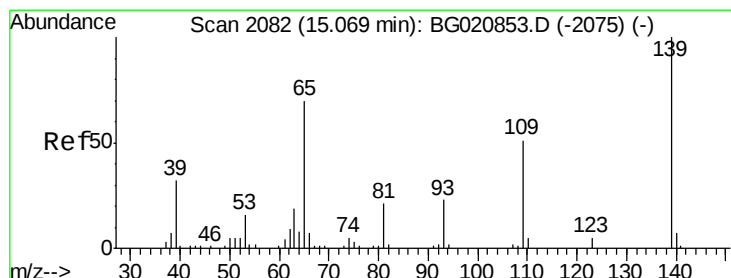
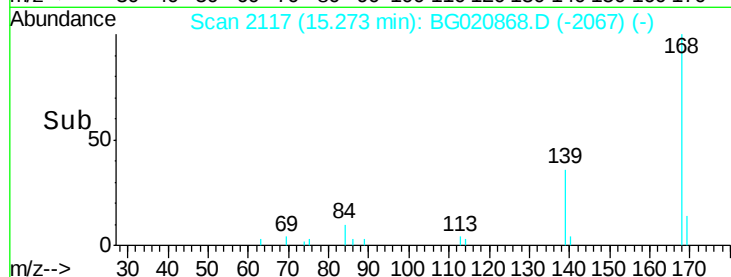
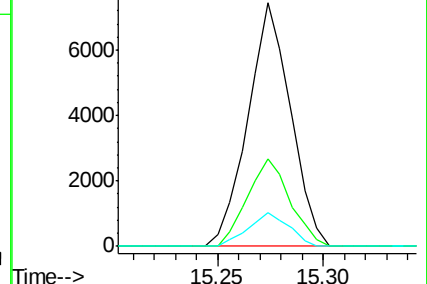
169 14.1 11.0 16.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 0.84 ng

RT: 15.06 min Scan# 2080

Delta R.T. -0.01 min

Lab File: BG020868.D

Acq: 11 Feb 2016 22:44

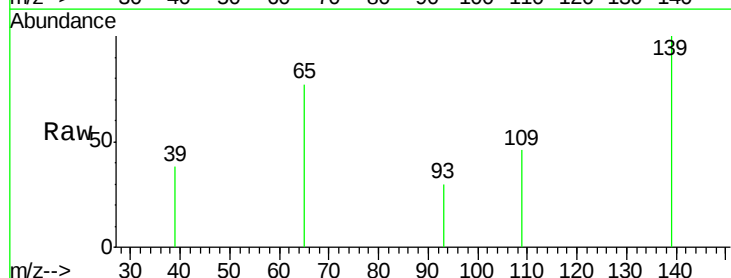
Tgt Ion:139 Resp: 832

Ion Ratio Lower Upper

139 100

109 45.9 31.0 71.0

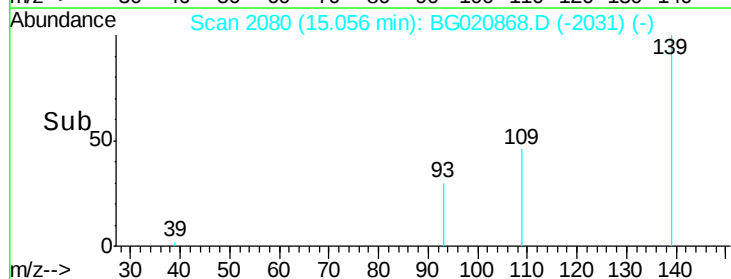
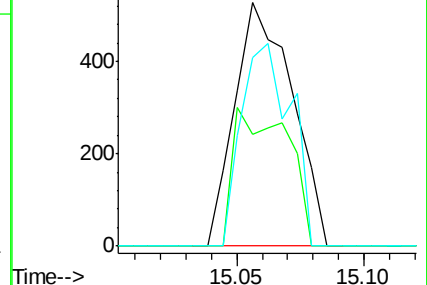
65 77.4 49.6 89.6

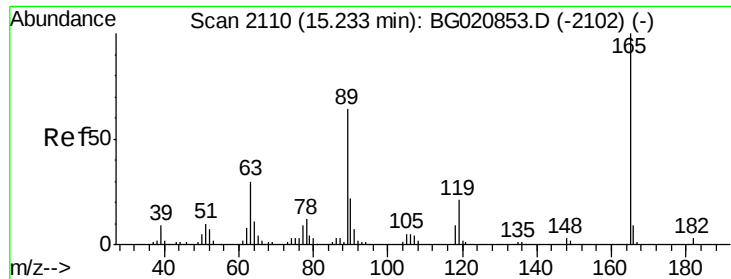


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

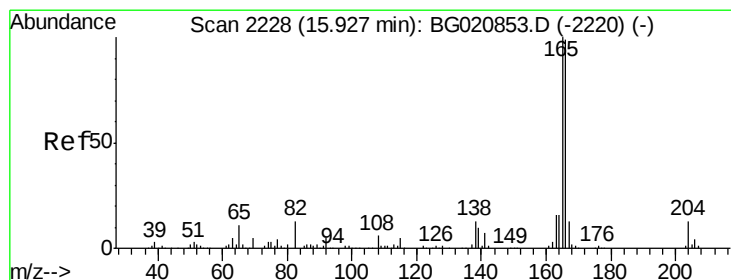
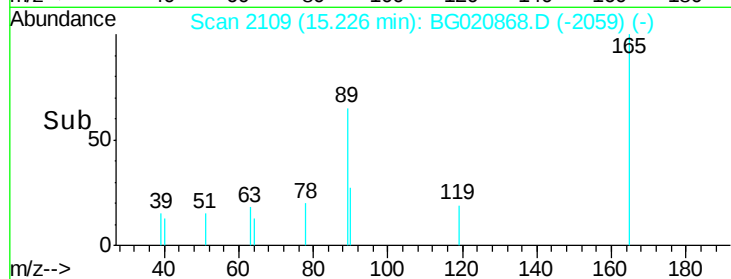
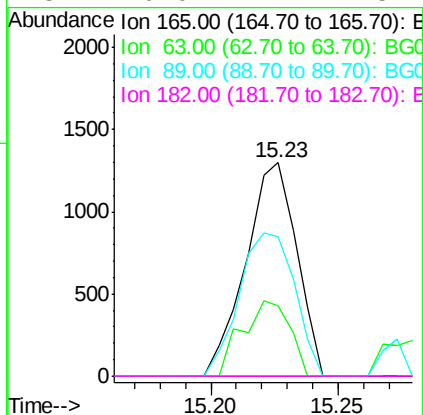
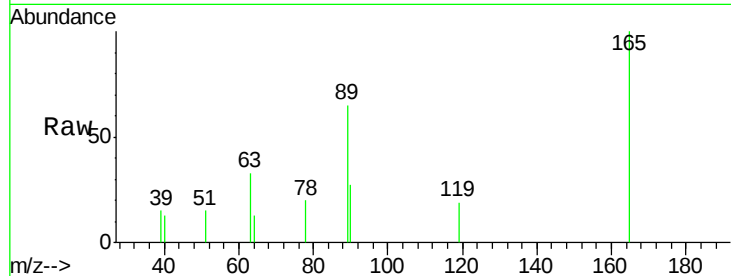




#56
2,4-Dinitrotoluene
Concen: 1.25 ng
RT: 15.23 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BG020868.D
Acq: 11 Feb 2016 22:44

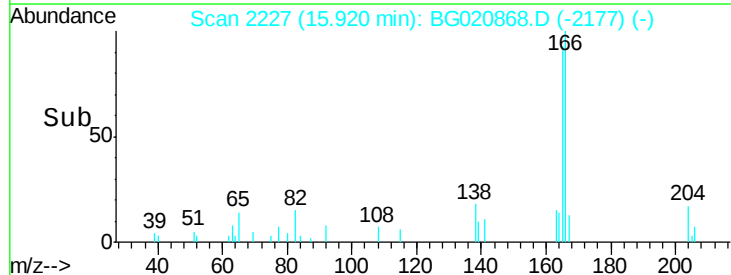
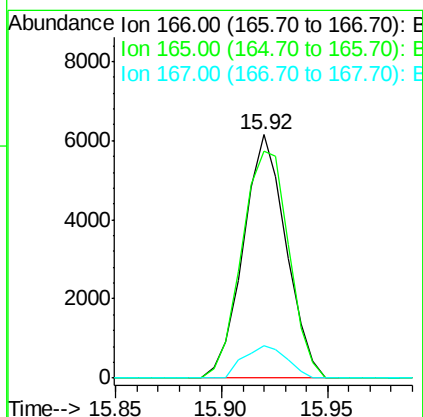
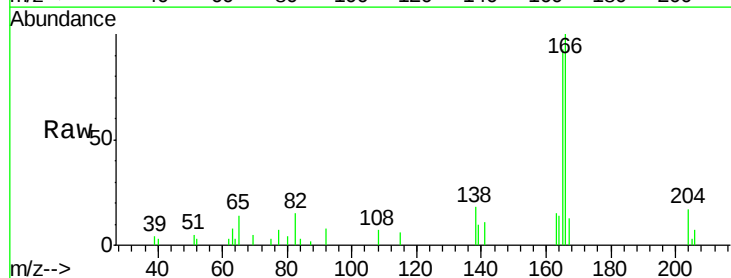
Instrument :
BNA_G
ClientSampleId :
LOD-WATER2016-01

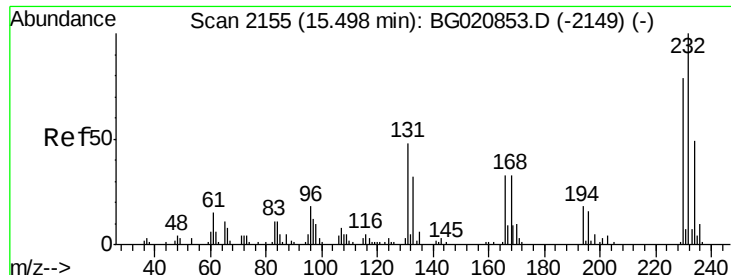
Tgt Ion:165 Resp: 1822
Ion Ratio Lower Upper
165 100
63 33.3 23.7 35.5
89 65.4 50.9 76.3
182 0.0 2.2 3.2#



#57
Fluorene
Concen: 1.58 ng
RT: 15.92 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BG020868.D
Acq: 11 Feb 2016 22:44

Tgt Ion:166 Resp: 8658
Ion Ratio Lower Upper
166 100
165 93.4 81.0 121.4
167 13.5 10.8 16.2

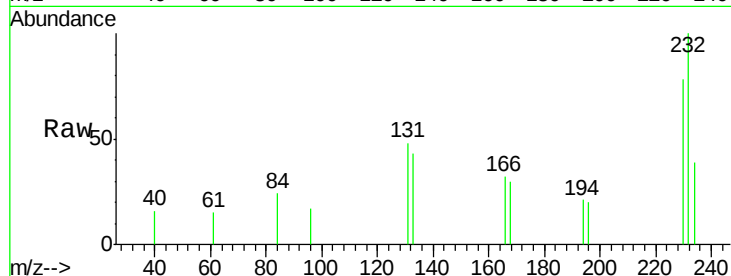




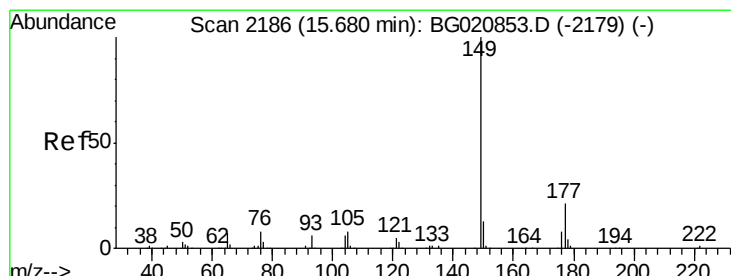
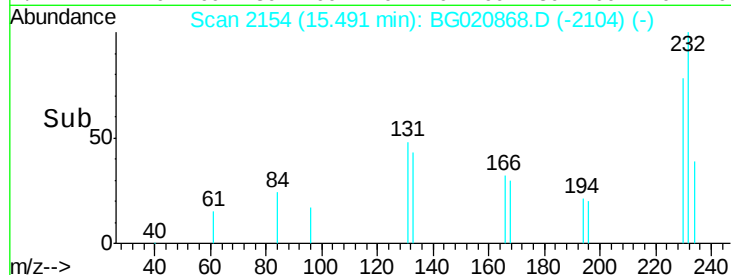
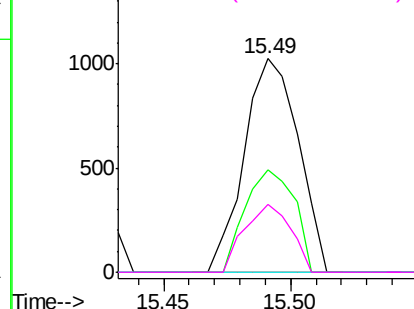
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 1.43 ng
 RT: 15.49 min Scan# 2154
 Delta R.T. -0.01 min
 Lab File: BG020868.D
 Acq: 11 Feb 2016 22:44

Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER2016-01

Tgt Ion: 232 Resp: 1523
 Ion Ratio Lower Upper
 232 100
 131 43.5 39.2 58.8
 130 0.0 2.0 3.0#
 166 27.1 25.8 38.8

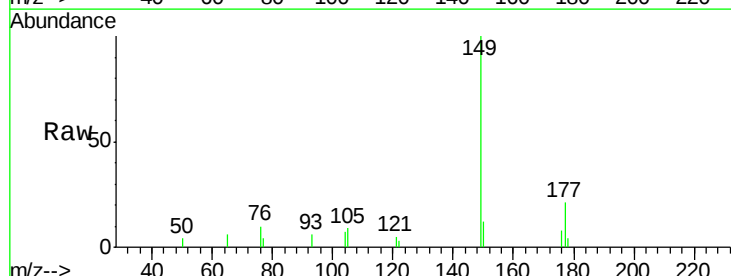


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

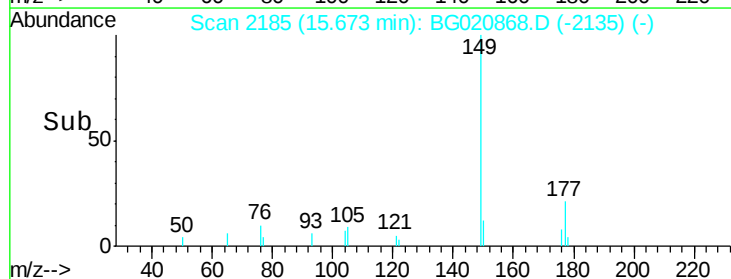
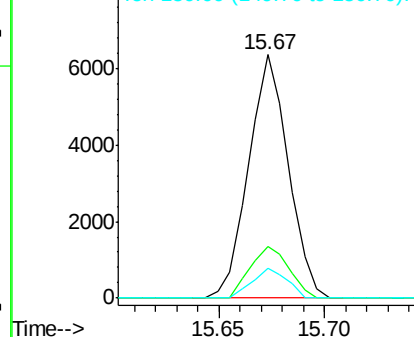


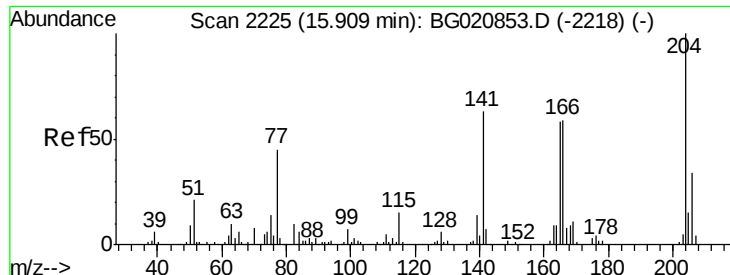
#59
 Diethylphthalate
 Concen: 1.53 ng
 RT: 15.67 min Scan# 2185
 Delta R.T. -0.01 min
 Lab File: BG020868.D
 Acq: 11 Feb 2016 22:44

Tgt Ion: 149 Resp: 8290
 Ion Ratio Lower Upper
 149 100
 177 21.3 16.9 25.3
 150 12.5 10.1 15.1



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

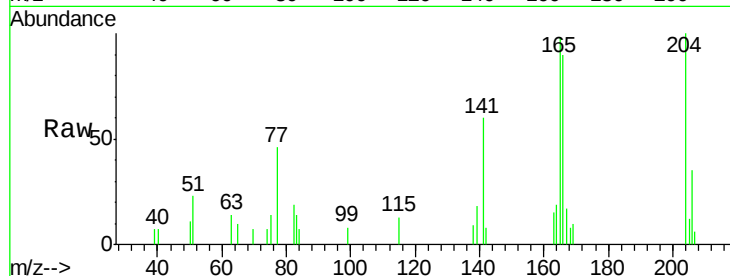




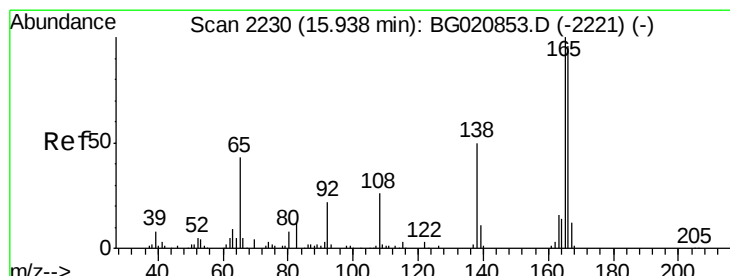
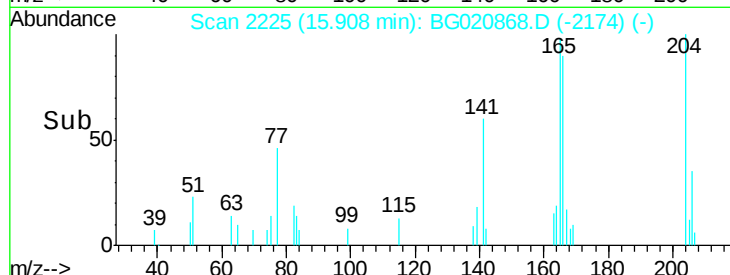
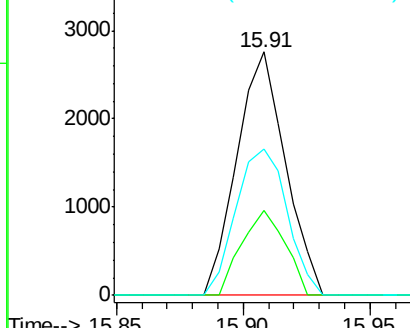
#60
 4-Chlorophenyl-phenylether
 Concen: 1.52 ng
 RT: 15.91 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: BG020868.D
 Acq: 11 Feb 2016 22:44

Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER2016-01

Tgt Ion: 204 Resp: 3681
 Ion Ratio Lower Upper
 204 100
 206 35.0 26.9 40.3
 141 59.9 50.3 75.5

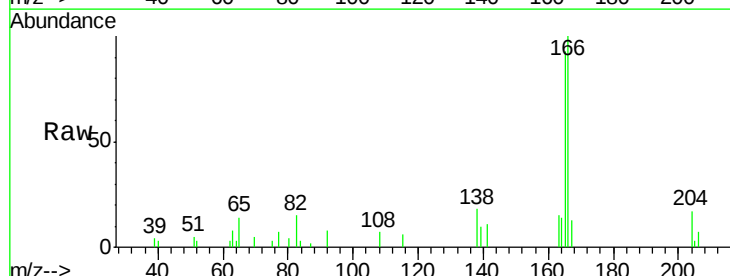


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

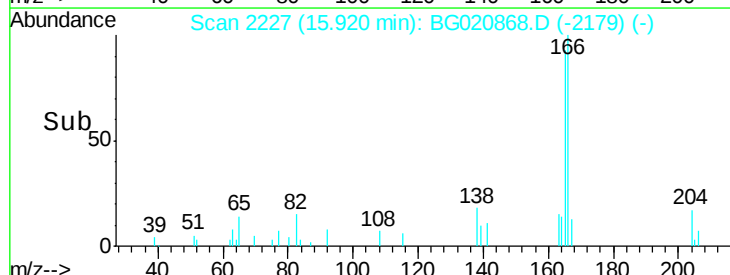
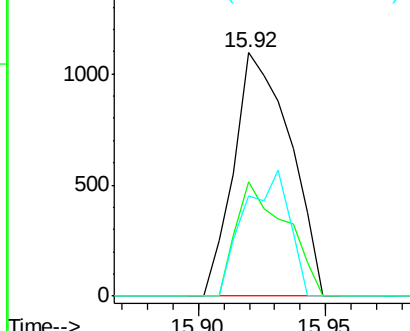


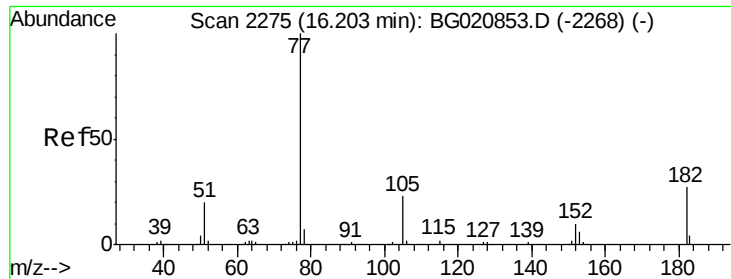
#61
 4-Nitroaniline
 Concen: 1.29 ng
 RT: 15.92 min Scan# 2227
 Delta R.T. -0.02 min
 Lab File: BG020868.D
 Acq: 11 Feb 2016 22:44

Tgt Ion: 138 Resp: 1694
 Ion Ratio Lower Upper
 138 100
 92 47.0 24.1 64.1
 108 41.3 32.4 72.4



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





#62

Azobenzene

Concen: 1.71 ng

RT: 16.20 min Scan# 2275

Delta R.T. -0.00 min

Lab File: BG020868.D

Acq: 11 Feb 2016 22:44

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2016-01

Tgt Ion: 77 Resp: 7292

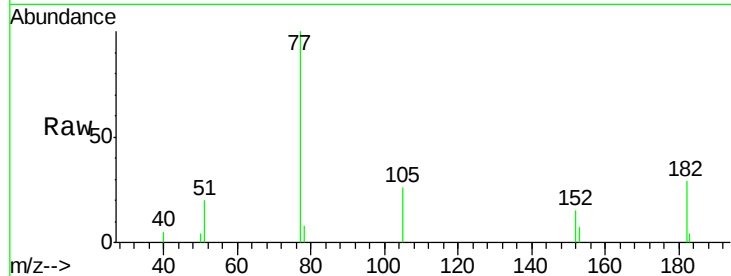
Ion Ratio Lower Upper

77 100

182 29.3 6.8 46.8

105 26.3 3.4 43.4

51 19.9 0.0 39.9

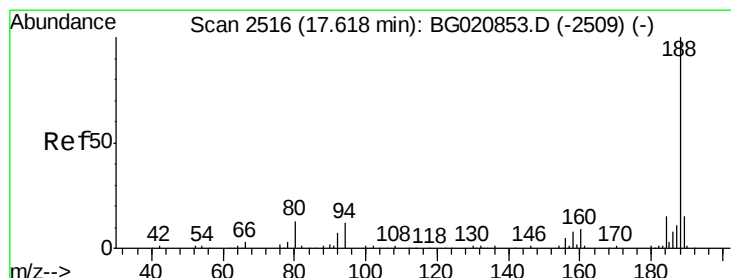
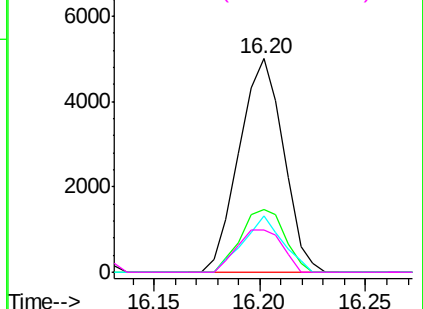
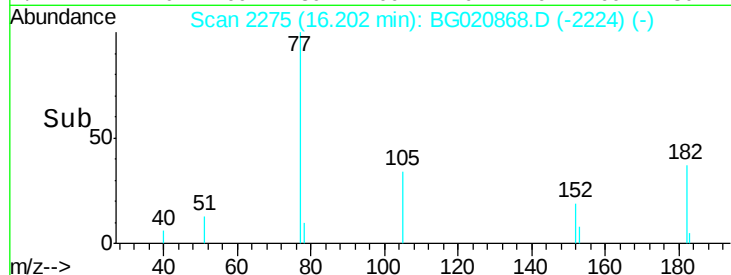


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.62 min Scan# 2516

Delta R.T. -0.00 min

Lab File: BG020868.D

Acq: 11 Feb 2016 22:44

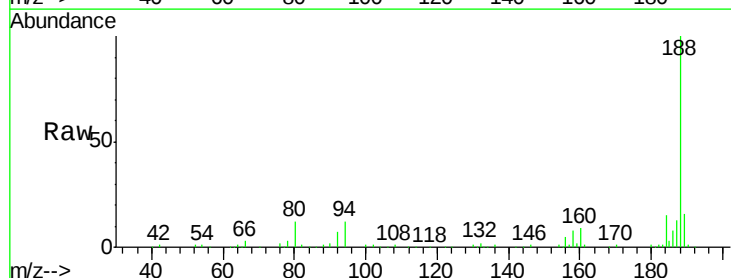
Tgt Ion: 188 Resp: 139329

Ion Ratio Lower Upper

188 100

94 12.1 9.4 14.0

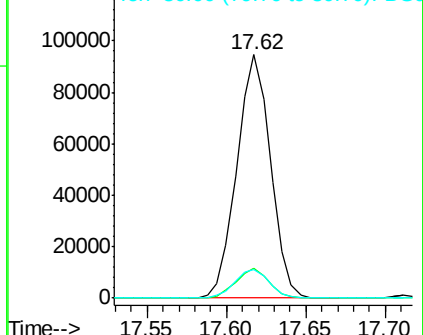
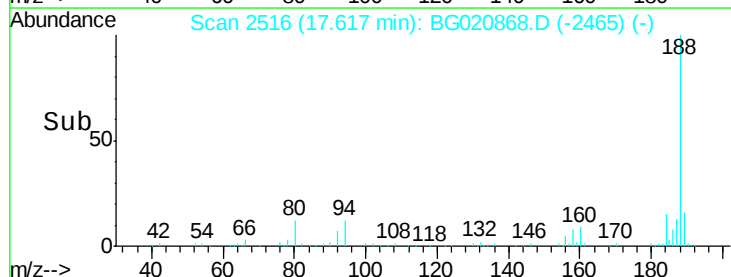
80 11.8 10.2 15.4

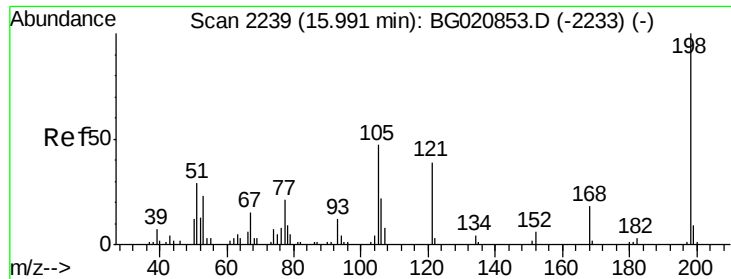


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#64

4,6-Dinitro-2-methylphenol

Concen: 5.76 ng

RT: 15.98 min Scan# 2237

Delta R.T. -0.01 min

Lab File: BG020868.D

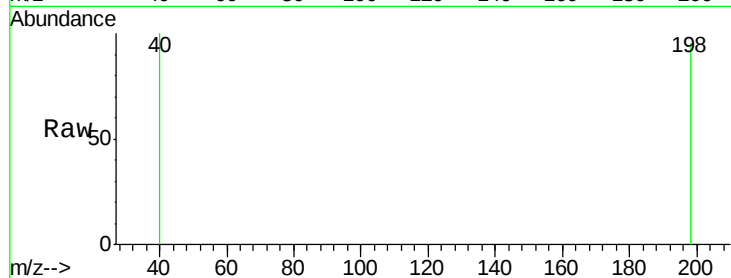
Acq: 11 Feb 2016 22:44

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2016-01



Tgt Ion:198 Resp: 197

Ion Ratio Lower Upper

198 100

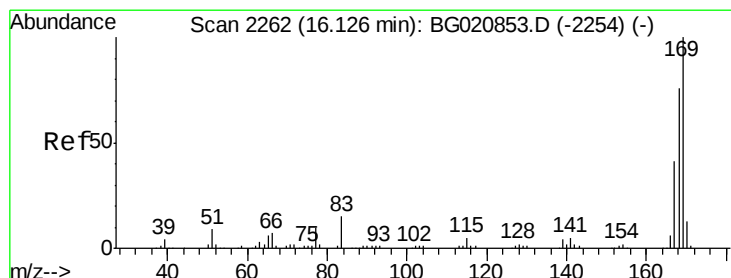
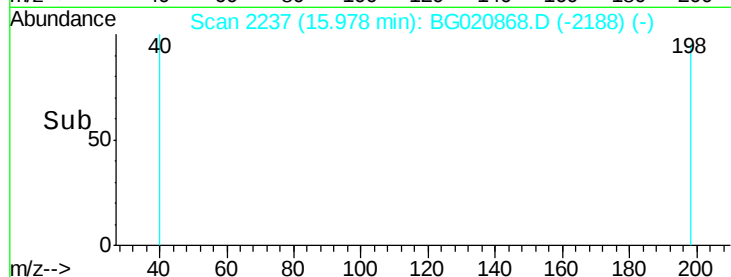
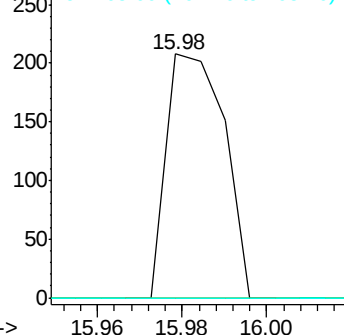
51 0.0 10.6 50.6#

105 0.0 27.0 67.0#

Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 1.54 ng

RT: 16.12 min Scan# 2261

Delta R.T. -0.01 min

Lab File: BG020868.D

Acq: 11 Feb 2016 22:44

Tgt Ion:169 Resp: 6950

Ion Ratio Lower Upper

169 100

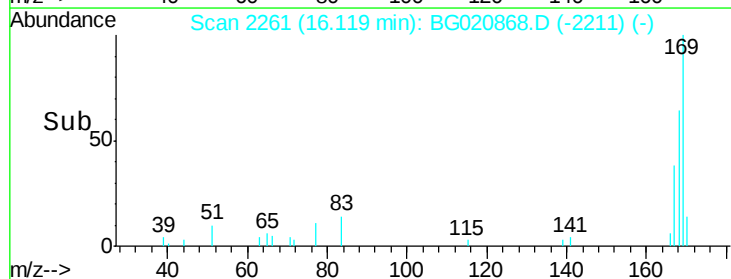
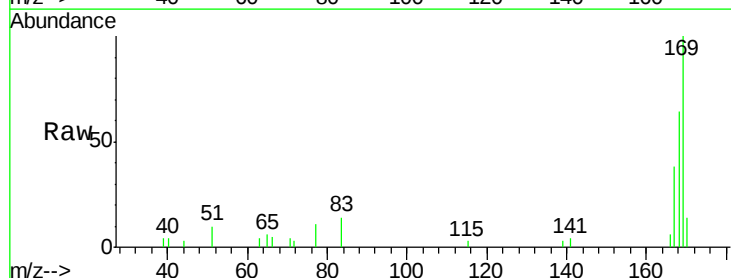
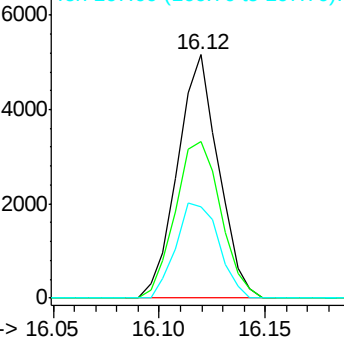
168 64.3 60.7 91.1

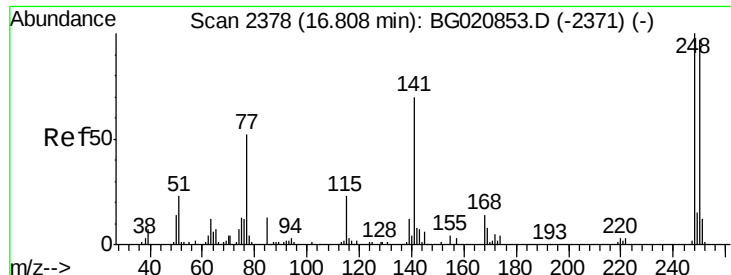
167 37.6 32.8 49.2

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

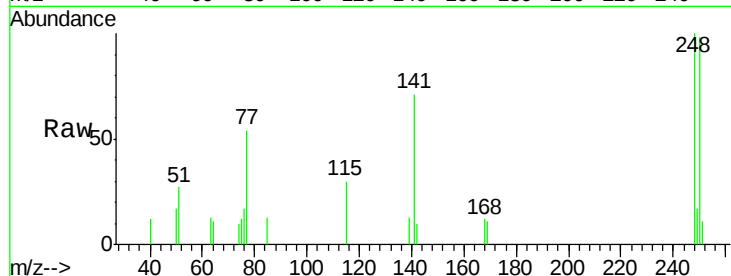




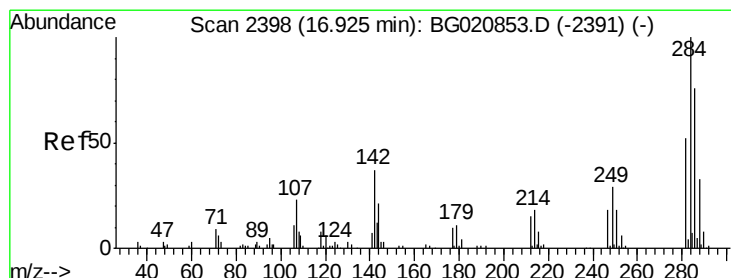
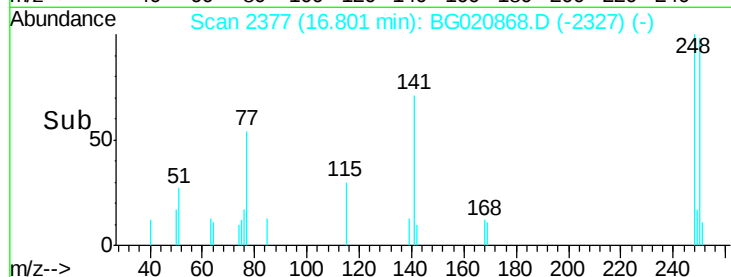
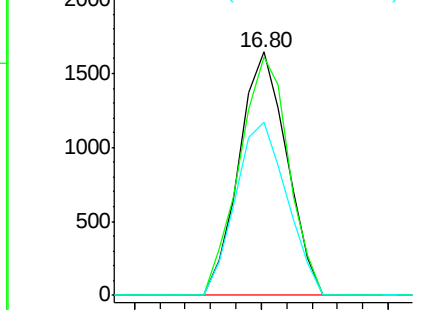
#66
 4-Bromophenyl-phenylether
 Concen: 1.47 ng
 RT: 16.80 min Scan# 2377
 Delta R.T. -0.01 min
 Lab File: BG020868.D
 Acq: 11 Feb 2016 22:44

Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER2016-01

Tgt Ion: 248 Resp: 2159
 Ion Ratio Lower Upper
 248 100
 250 98.1 77.4 116.2
 141 71.0 55.7 83.5

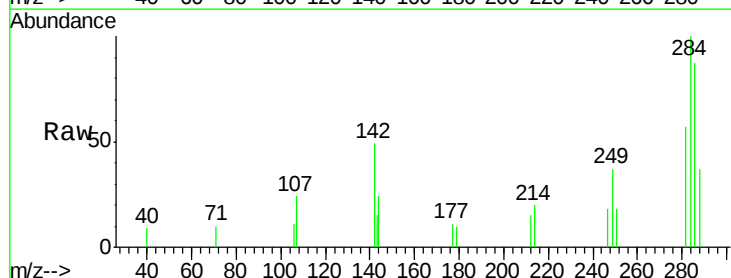


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

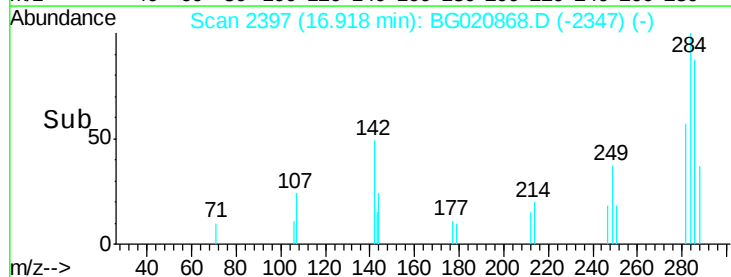
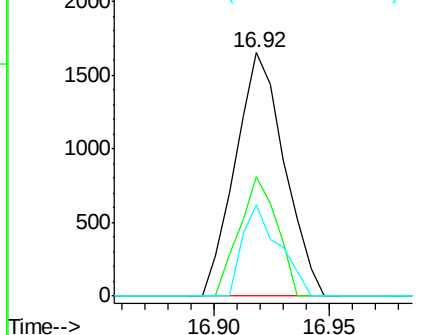


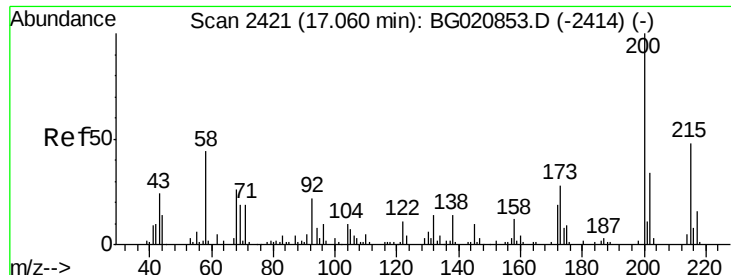
#67
 Hexachlorobenzene
 Concen: 1.56 ng
 RT: 16.92 min Scan# 2397
 Delta R.T. -0.01 min
 Lab File: BG020868.D
 Acq: 11 Feb 2016 22:44

Tgt Ion: 284 Resp: 2439
 Ion Ratio Lower Upper
 284 100
 142 48.9 29.9 44.9#
 249 37.4 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: 1.49 ng

RT: 17.05 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BG020868.D

Acq: 11 Feb 2016 22:44

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2016-01

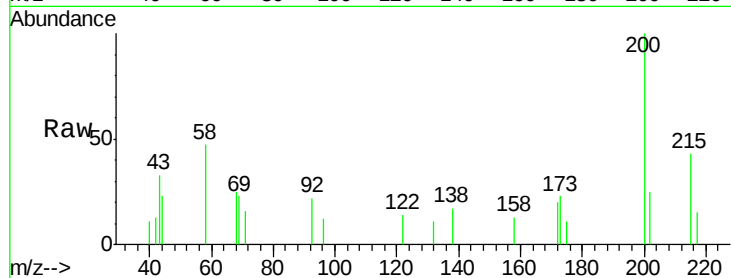
Tgt Ion:200 Resp: 2038

Ion Ratio Lower Upper

200 100

173 23.2 8.4 48.4

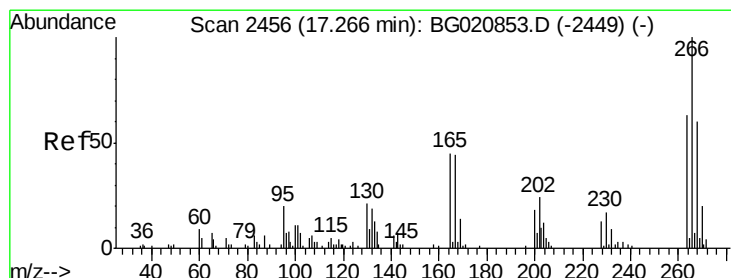
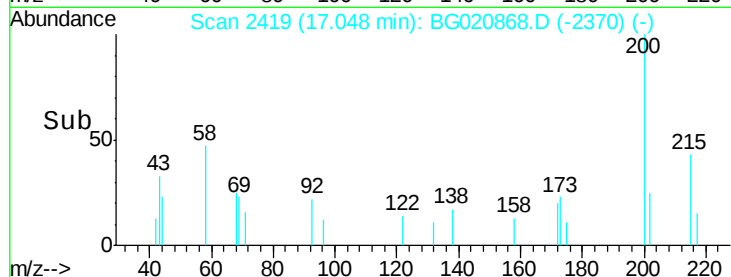
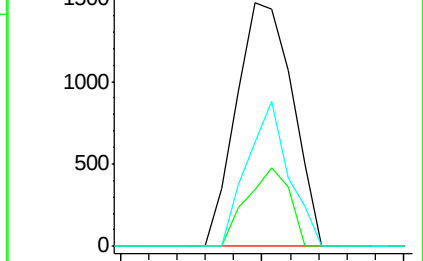
215 42.5 28.2 68.2



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: 0.53 ng

RT: 17.26 min Scan# 2456

Delta R.T. -0.00 min

Lab File: BG020868.D

Acq: 11 Feb 2016 22:44

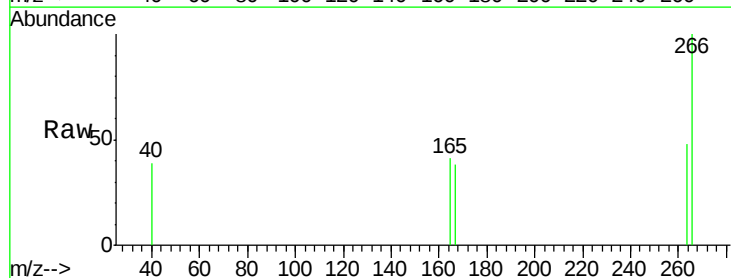
Tgt Ion:266 Resp: 477

Ion Ratio Lower Upper

266 100

268 0.0 47.8 71.6#

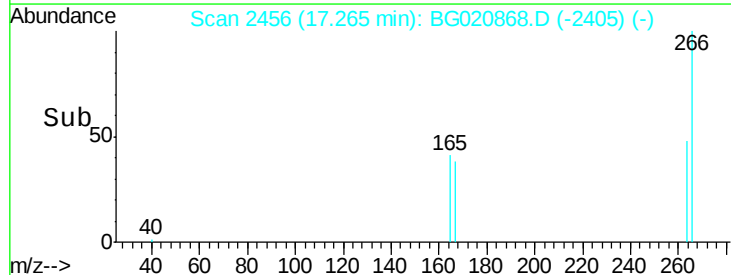
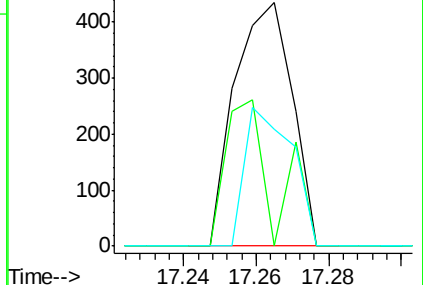
264 48.0 50.2 75.4#

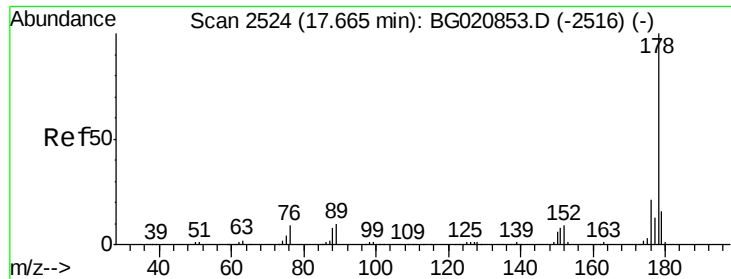


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

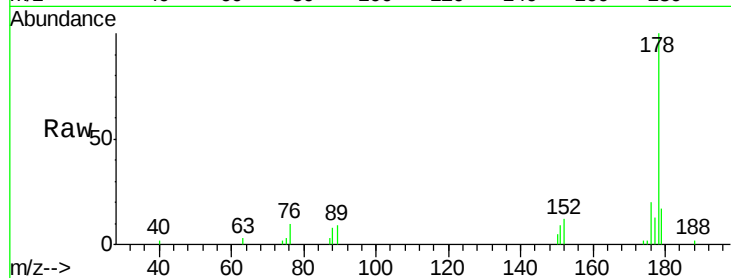




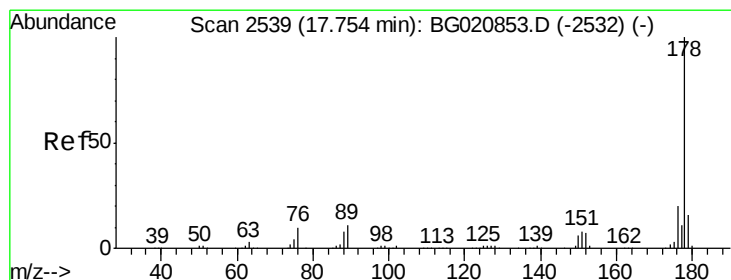
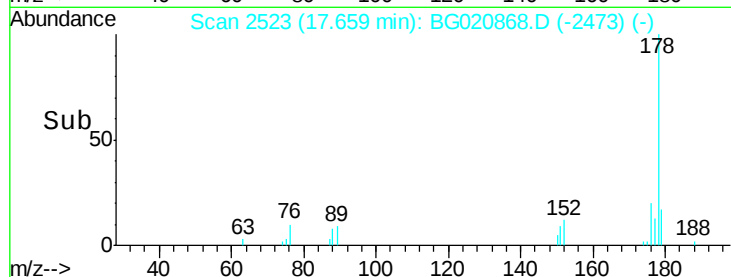
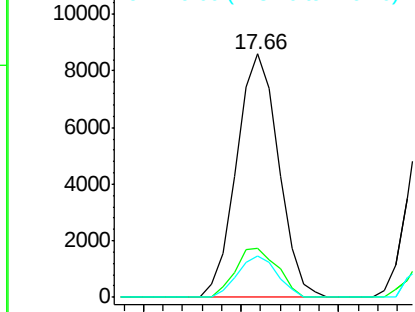
#70
 Phenanthrene
 Concen: 1.62 ng
 RT: 17.66 min Scan# 2523
 Delta R.T. -0.01 min
 Lab File: BG020868.D
 Acq: 11 Feb 2016 22:44

Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER2016-01

Tgt Ion:178 Resp: 12819
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.8 25.2
 179 16.9 12.6 19.0

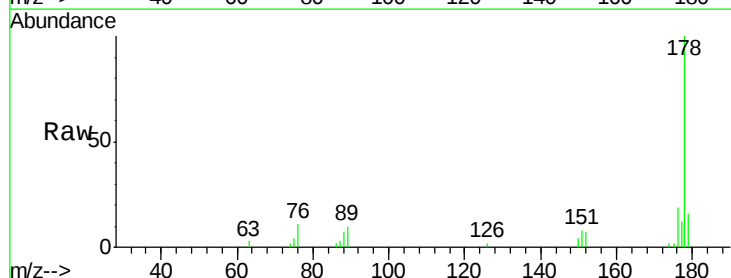


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

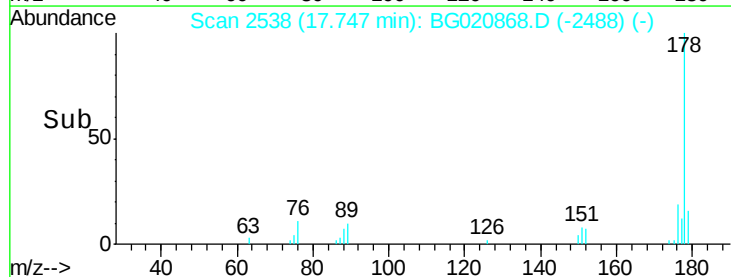
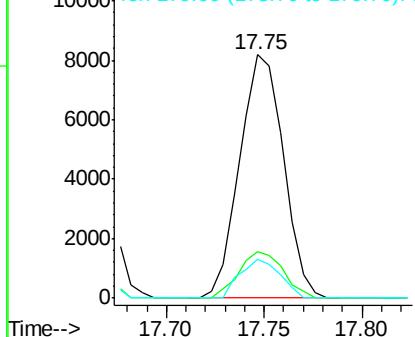


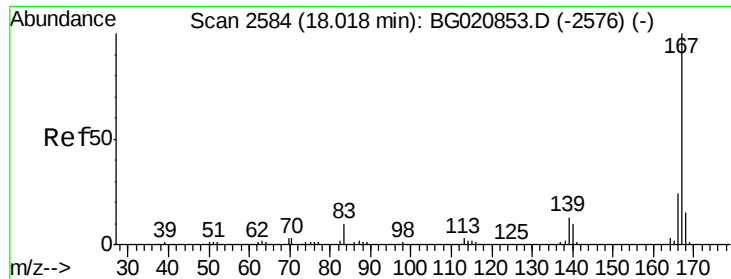
#71
 Anthracene
 Concen: 1.58 ng
 RT: 17.75 min Scan# 2538
 Delta R.T. -0.01 min
 Lab File: BG020868.D
 Acq: 11 Feb 2016 22:44

Tgt Ion:178 Resp: 12716
 Ion Ratio Lower Upper
 178 100
 176 19.0 16.2 24.4
 179 15.8 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: 1.56 ng

RT: 18.01 min Scan# 2583

Delta R.T. -0.01 min

Lab File: BG020868.D

Acq: 11 Feb 2016 22:44

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2016-01

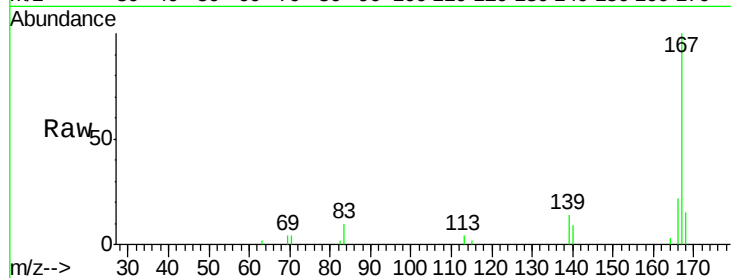
Tgt Ion:167 Resp: 11276

Ion Ratio Lower Upper

167 100

166 22.2 19.3 28.9

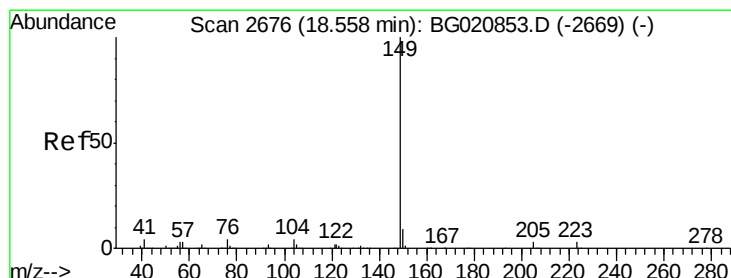
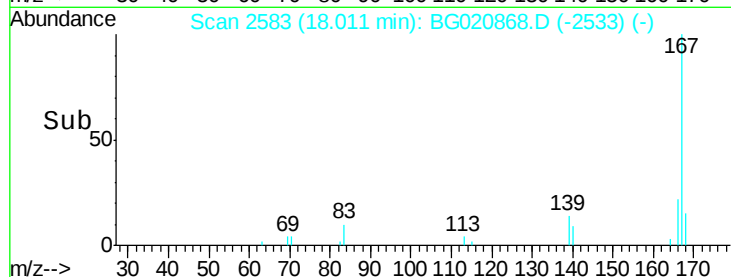
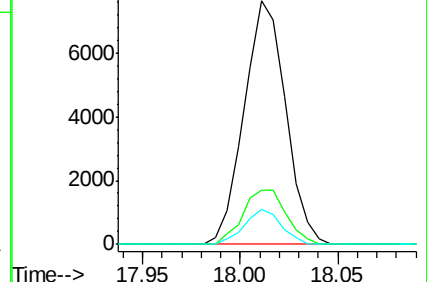
139 14.1 10.2 15.4



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: 1.42 ng

RT: 18.56 min Scan# 2676

Delta R.T. -0.00 min

Lab File: BG020868.D

Acq: 11 Feb 2016 22:44

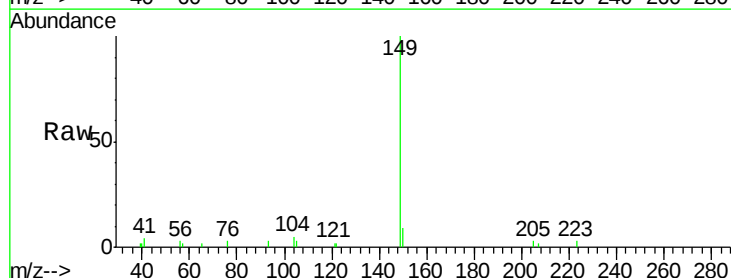
Tgt Ion:149 Resp: 13151

Ion Ratio Lower Upper

149 100

150 8.7 7.6 11.4

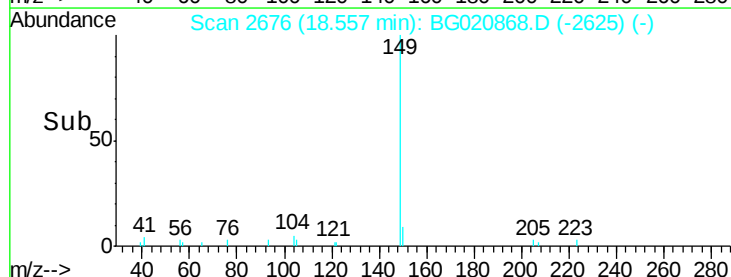
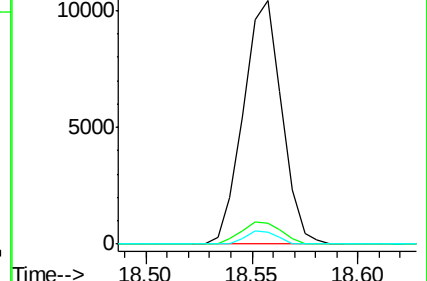
104 5.0 3.4 5.0

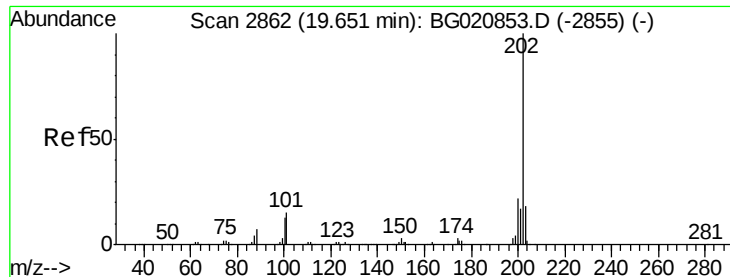


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 1.56 ng

RT: 19.65 min Scan# 2862

Delta R.T. -0.00 min

Lab File: BG020868.D

Acq: 11 Feb 2016 22:44

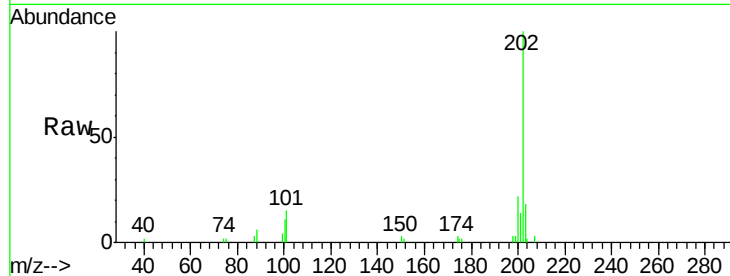
Instrument :

BNA_G

ClientSampleId :

LOD-WATER2016-01

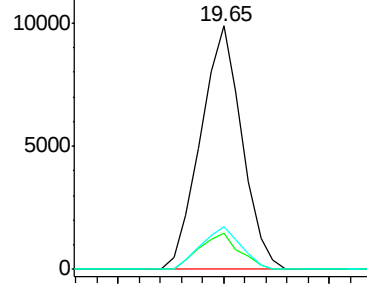
Tgt Ion:	202	Resp:	13370
Ion Ratio	Lower	Upper	
202	100		
101	14.8	0.0	35.3
203	17.6	0.0	37.8



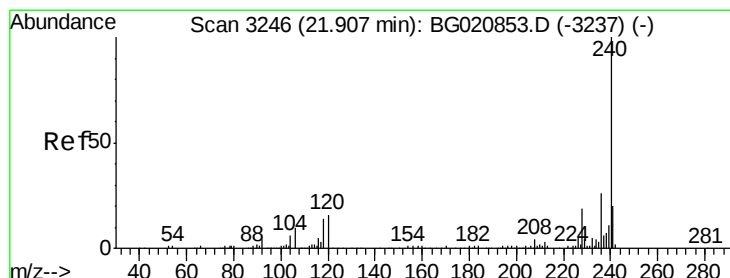
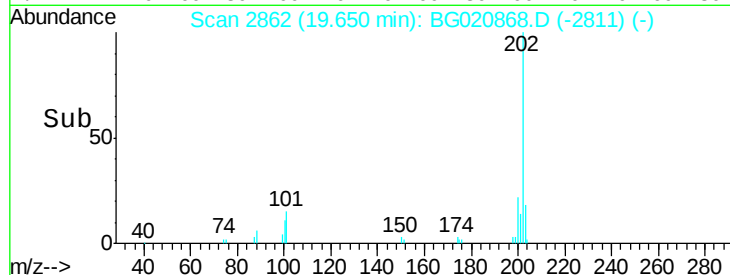
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

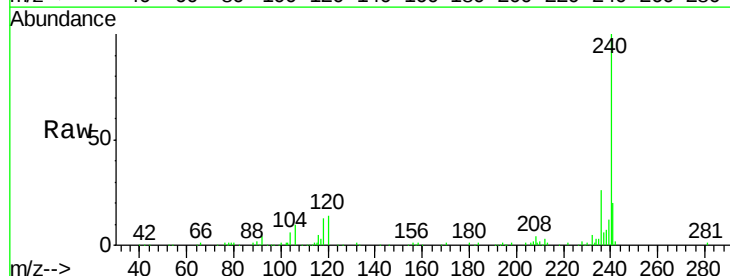
RT: 21.90 min Scan# 3245

Delta R.T. -0.01 min

Lab File: BG020868.D

Acq: 11 Feb 2016 22:44

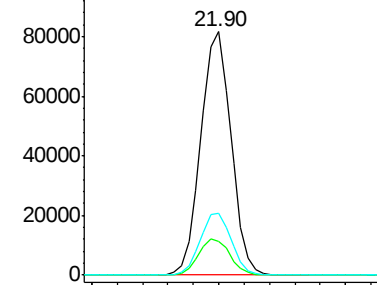
Tgt Ion:	240	Resp:	134866
Ion Ratio	Lower	Upper	
240	100		
120	14.1	13.0	19.4
236	25.5	21.0	31.4



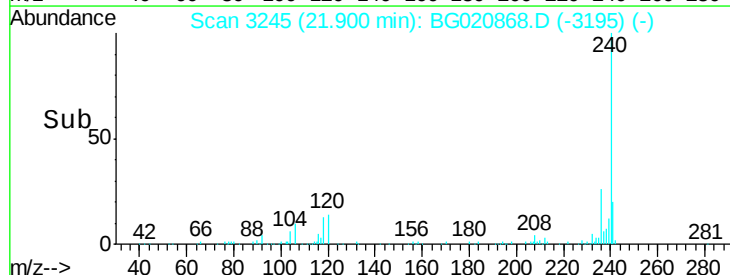
Abundance Ion 240.00 (239.70 to 240.70): E

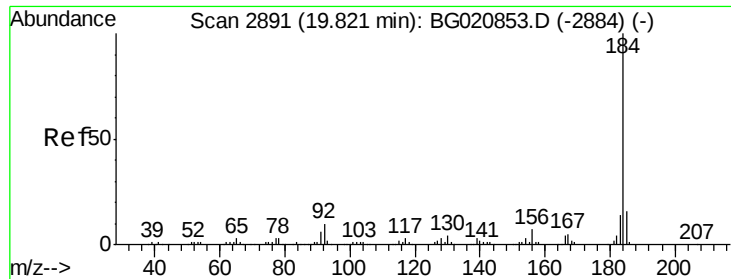
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->

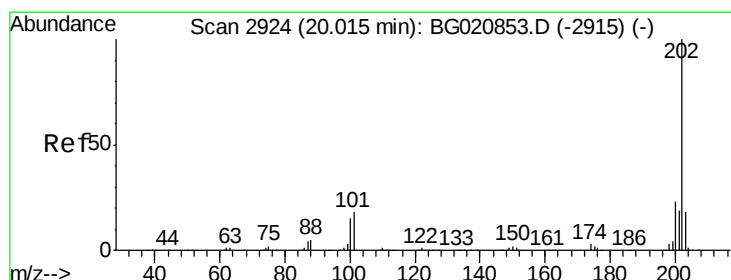
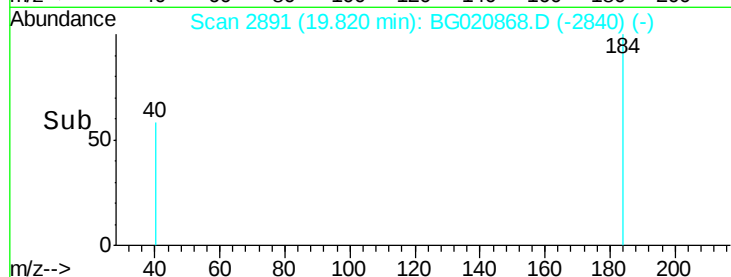
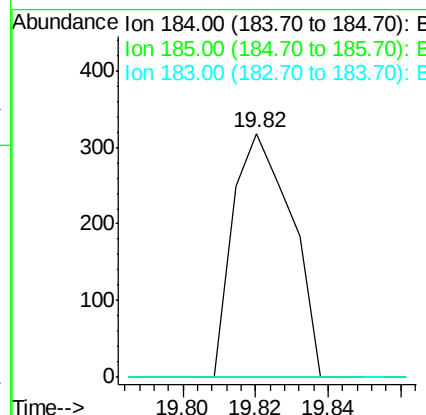
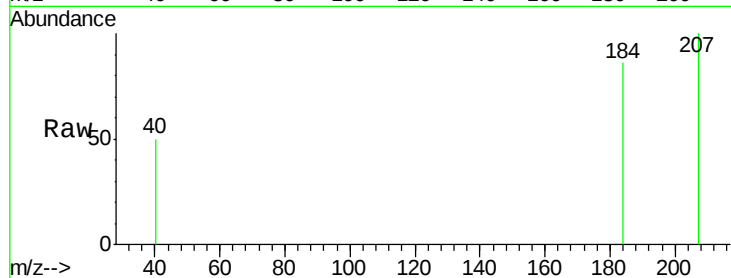




#76
Benzidine
Concen: 0.08 ng
RT: 19.82 min Scan# 2891
Delta R.T. -0.00 min
Lab File: BG020868.D
Acq: 11 Feb 2016 22:44

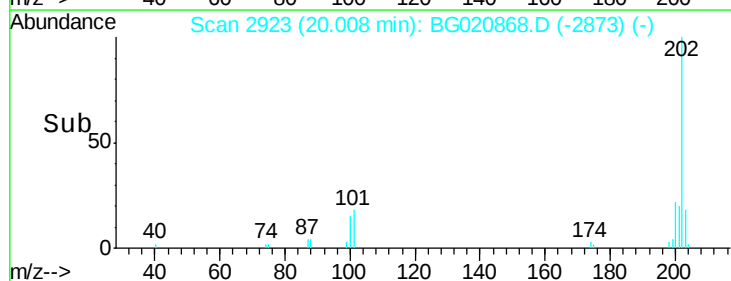
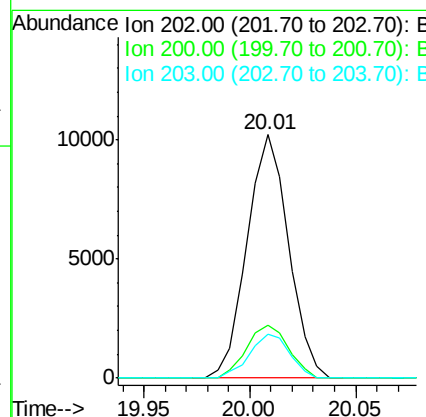
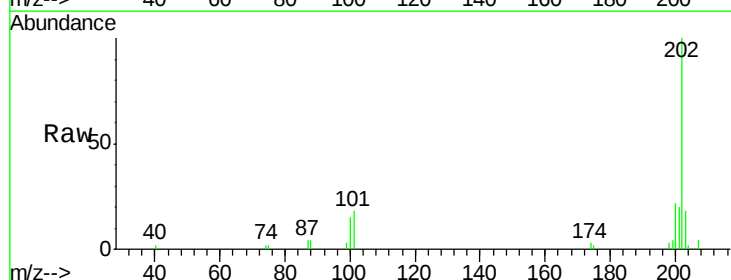
Instrument :
BNA_G
ClientSampleId :
LOD-WATER2016-01

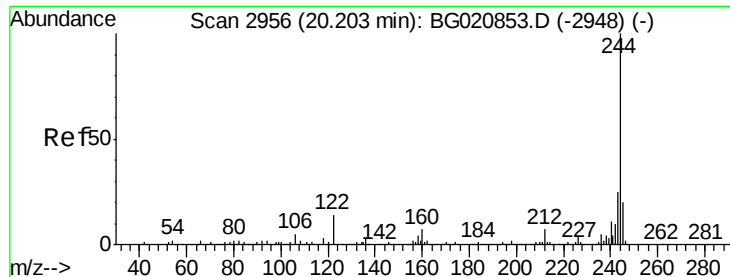
Tgt Ion:184 Resp: 353
Ion Ratio Lower Upper
184 100
185 0.0 12.6 19.0#
183 0.0 11.0 16.4#



#77
Pyrene
Concen: 1.57 ng
RT: 20.01 min Scan# 2923
Delta R.T. -0.01 min
Lab File: BG020868.D
Acq: 11 Feb 2016 22:44

Tgt Ion:202 Resp: 13926
Ion Ratio Lower Upper
202 100
200 21.9 18.5 27.7
203 18.3 14.3 21.5





#78

Terphenyl-d14

Concen: 84.35 ng

RT: 20.20 min Scan# 2956

Delta R.T. -0.00 min

Lab File: BG020868.D

Acq: 11 Feb 2016 22:44

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2016-01

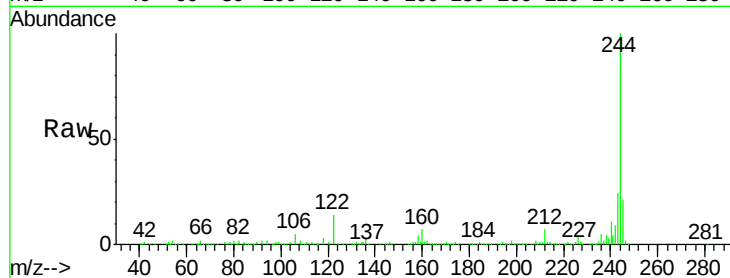
Tgt Ion:244 Resp: 487615

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 14.0 11.4 17.2

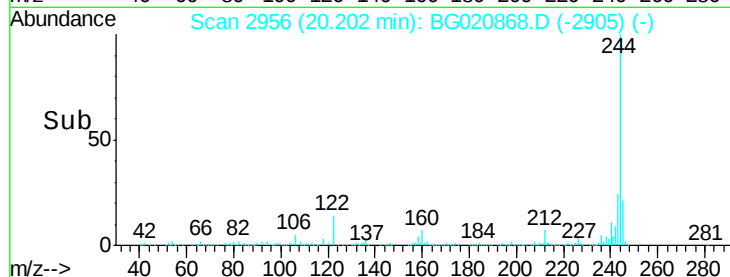


Abundance Ion 244.00 (243.70 to 244.70): E

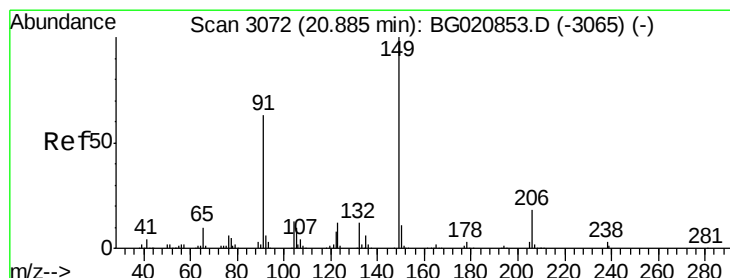
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

20.20



Time-->



#79

Butylbenzylphthalate

Concen: 1.36 ng

RT: 20.88 min Scan# 3071

Delta R.T. -0.01 min

Lab File: BG020868.D

Acq: 11 Feb 2016 22:44

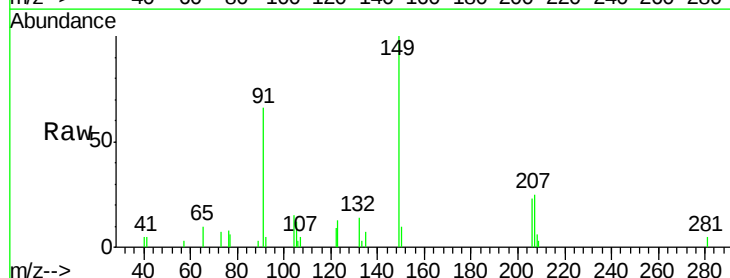
Tgt Ion:149 Resp: 5811

Ion Ratio Lower Upper

149 100

91 65.6 50.6 76.0

206 22.8 14.6 22.0#

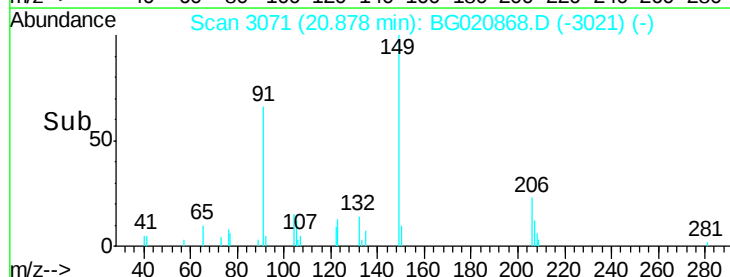


Abundance Ion 149.00 (148.70 to 149.70): E

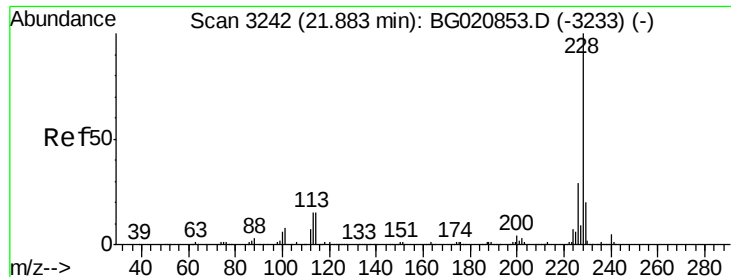
Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

20.88



Time-->



#80

Benzo(a)anthracene

Concen: 1.65 ng

RT: 21.88 min Scan# 3241

Delta R.T. -0.01 min

Lab File: BG020868.D

Acq: 11 Feb 2016 22:44

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2016-01

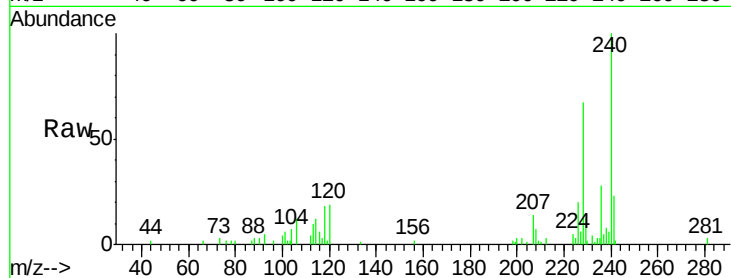
Tgt Ion:228 Resp: 13303

Ion Ratio Lower Upper

228 100

226 29.0 23.1 34.7

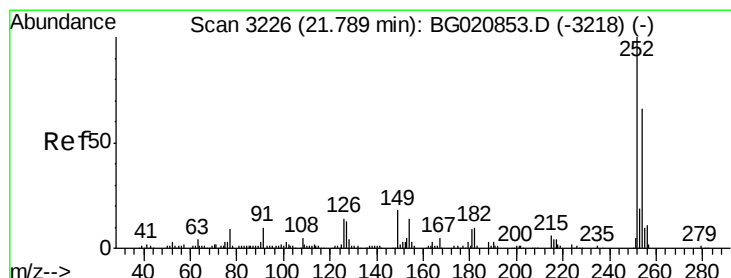
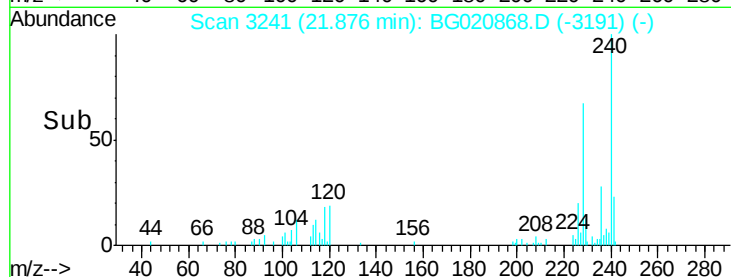
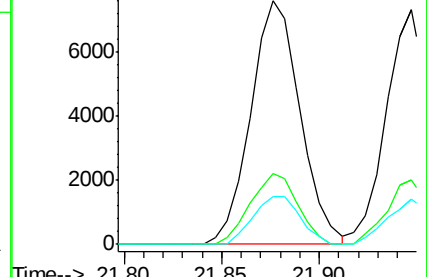
229 19.8 16.2 24.2



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: 0.90 ng

RT: 21.79 min Scan# 3226

Delta R.T. -0.00 min

Lab File: BG020868.D

Acq: 11 Feb 2016 22:44

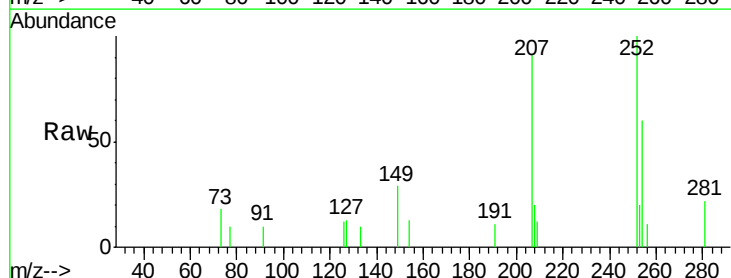
Tgt Ion:252 Resp: 2678

Ion Ratio Lower Upper

252 100

254 60.2 52.8 79.2

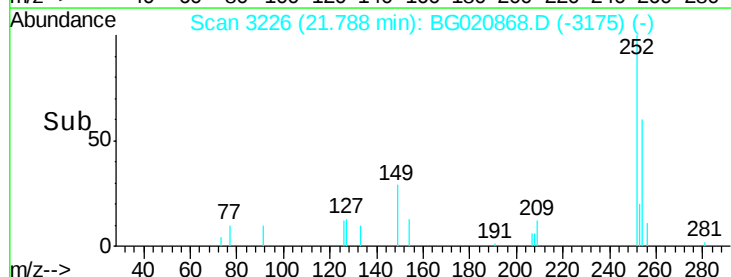
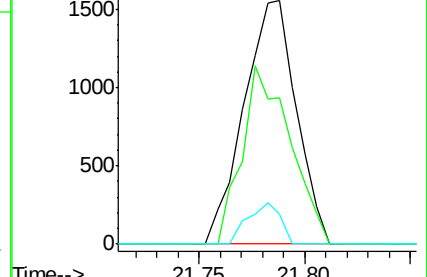
126 12.5 11.1 16.7

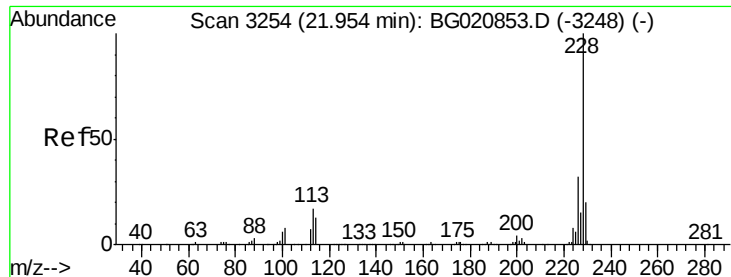


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 1.55 ng

RT: 21.95 min Scan# 3253

Delta R.T. -0.01 min

Lab File: BG020868.D

Acq: 11 Feb 2016 22:44

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2016-01

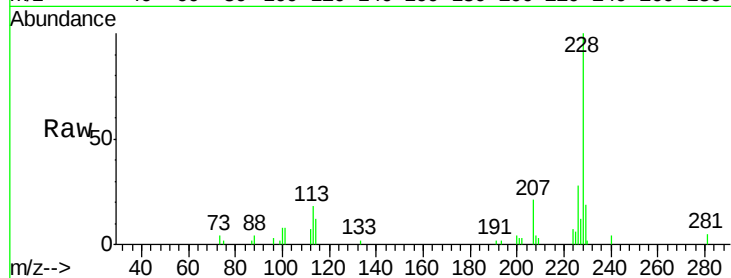
Tgt Ion:228 Resp: 11701

Ion Ratio Lower Upper

228 100

226 27.6 25.3 37.9

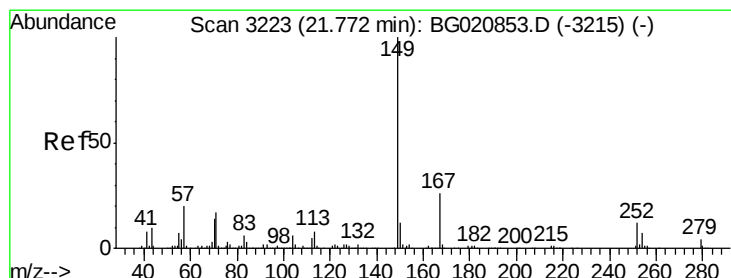
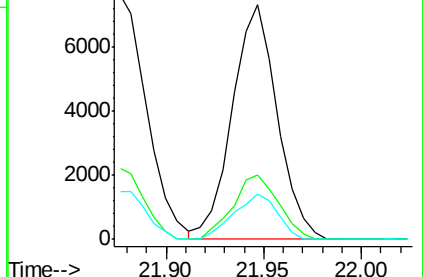
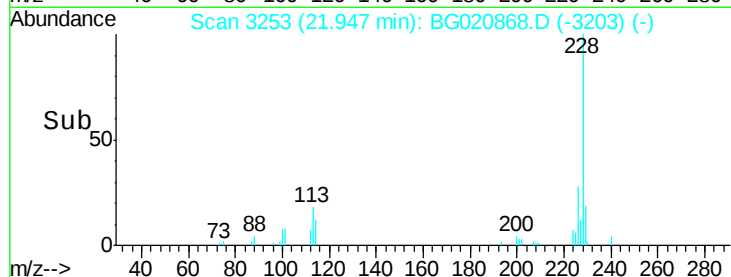
229 19.0 16.2 24.2



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: 1.41 ng

RT: 21.76 min Scan# 3222

Delta R.T. -0.01 min

Lab File: BG020868.D

Acq: 11 Feb 2016 22:44

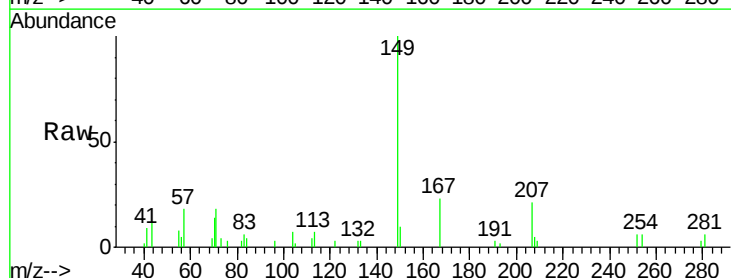
Tgt Ion:149 Resp: 8907

Ion Ratio Lower Upper

149 100

167 23.0 20.9 31.3

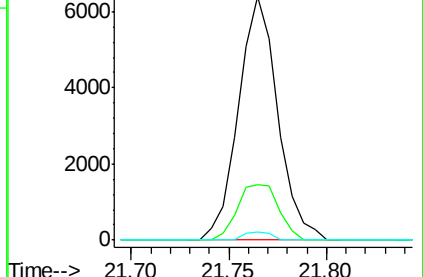
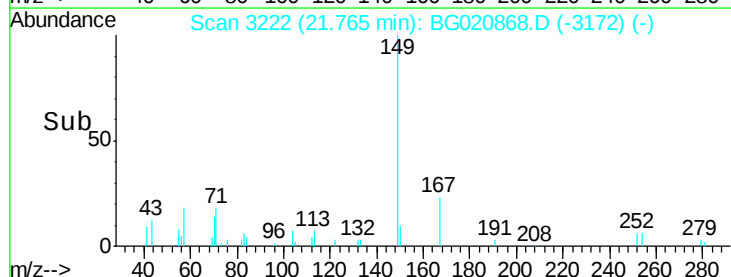
279 3.4 3.0 4.4

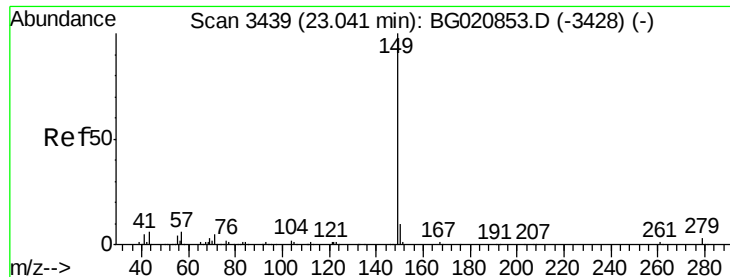


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

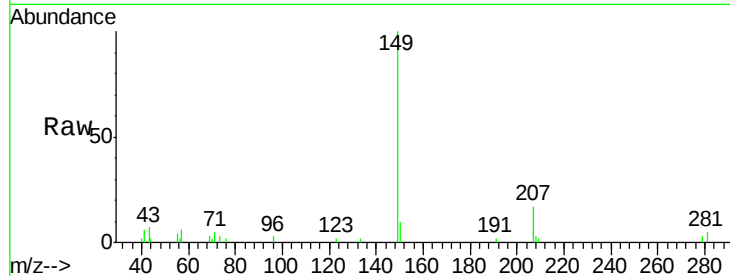




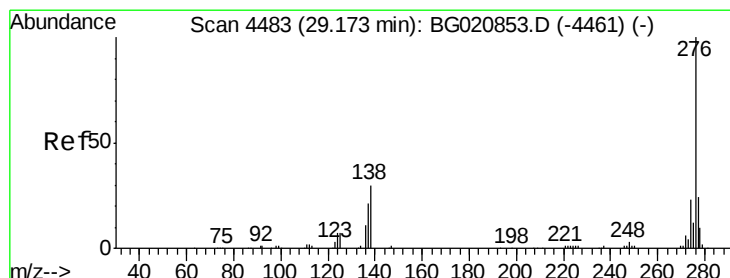
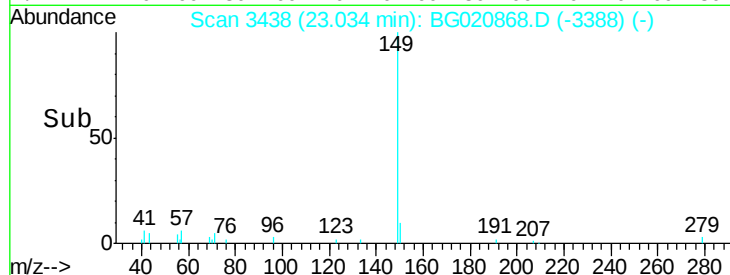
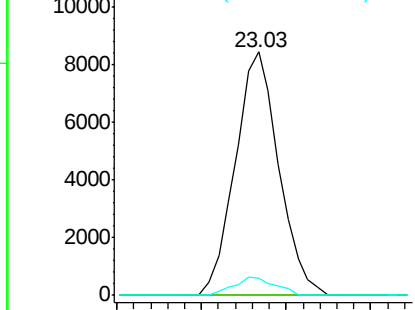
#84
Di-n-octyl phthalate
Concen: 1.46 ng
RT: 23.03 min Scan# 3438
Delta R.T. -0.01 min
Lab File: BG020868.D
Acq: 11 Feb 2016 22:44

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2016-01

Tgt Ion:149 Resp: 15111
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 7.2 5.1 7.7

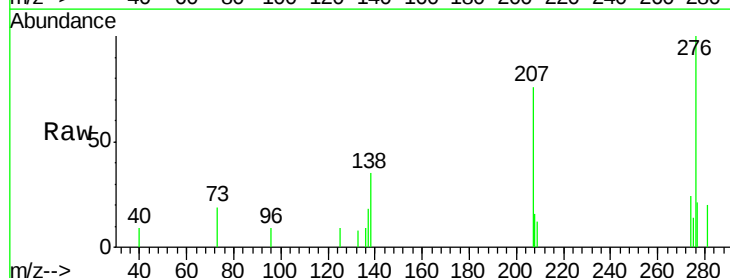


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

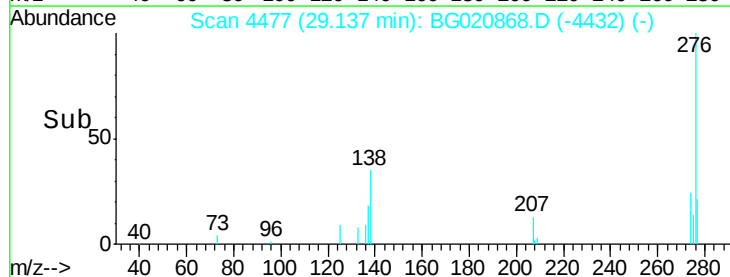
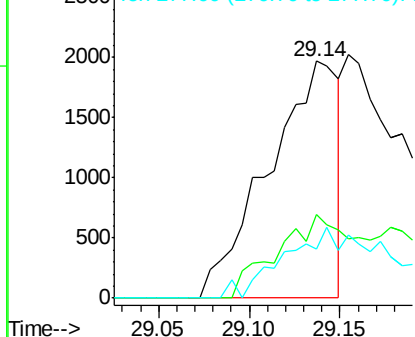


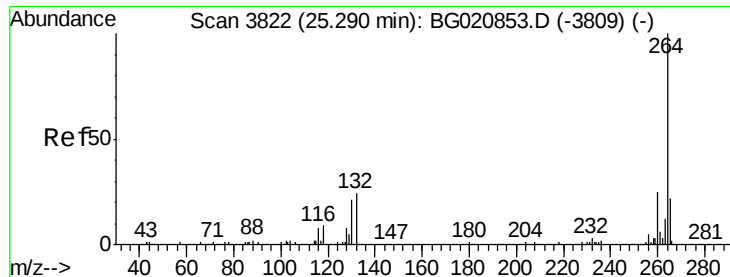
#85
Indeno(1,2,3-cd)pyrene
Concen: 0.61 ng
RT: 29.14 min Scan# 4477
Delta R.T. -0.04 min
Lab File: BG020868.D
Acq: 11 Feb 2016 22:44

Tgt Ion:276 Resp: 5291
Ion Ratio Lower Upper
276 100
138 39.7 20.1 30.1#
277 39.3 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

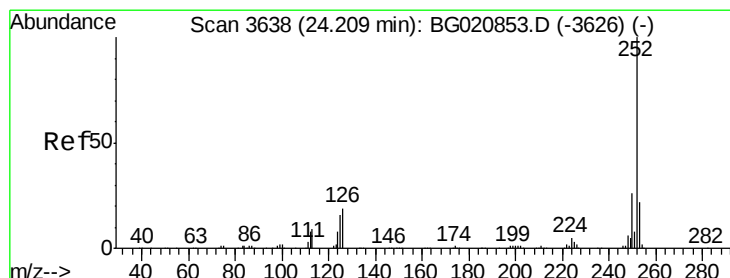
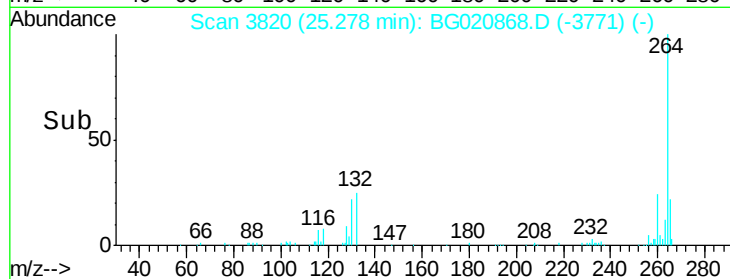
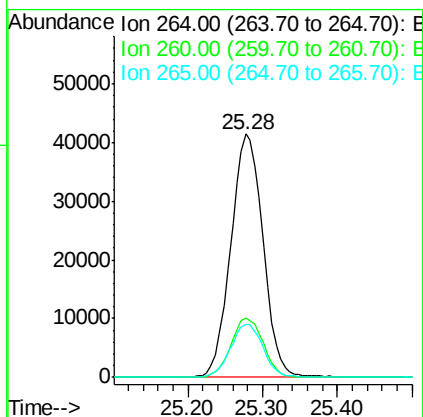
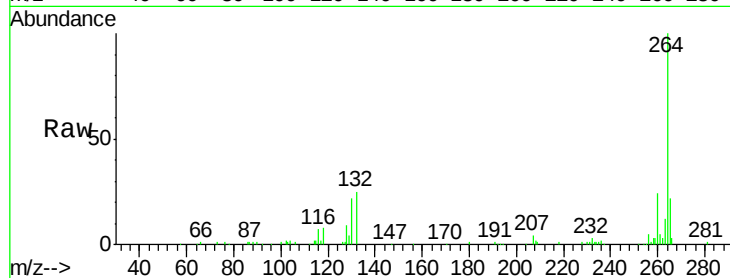




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.28 min Scan# 3820
Delta R.T. -0.01 min
Lab File: BG020868.D
Acq: 11 Feb 2016 22:44

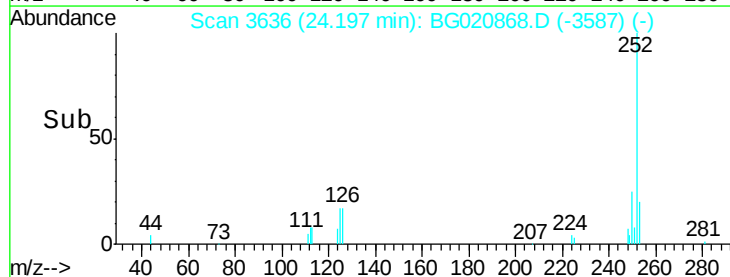
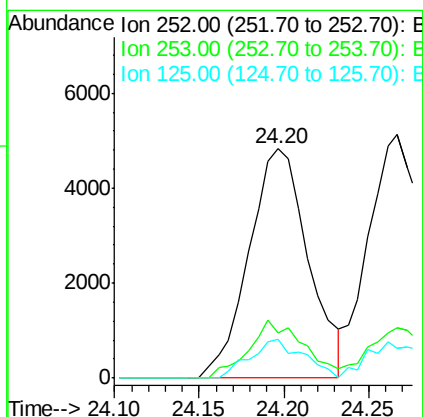
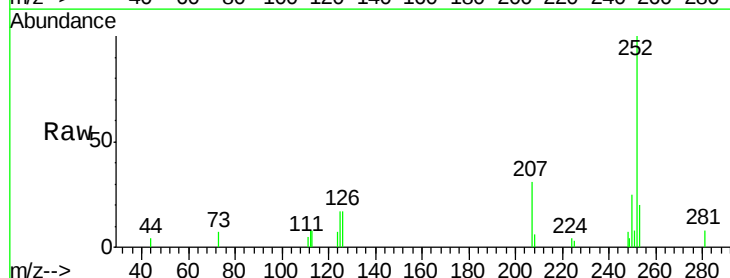
Instrument :
BNA_G
ClientSampleId :
LOD-WATER2016-01

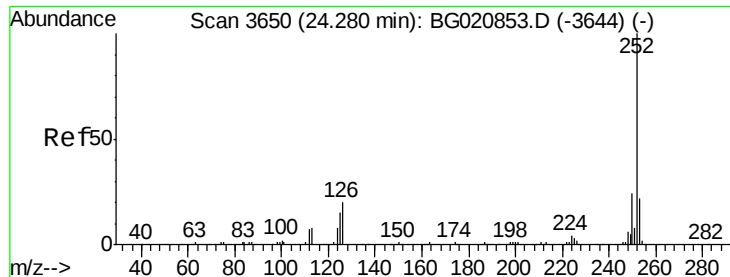
Tgt Ion: 264 Resp: 124096
Ion Ratio Lower Upper
264 100
260 24.4 19.9 29.9
265 21.7 18.0 27.0



#87
Benzo(b)fluoranthene
Concen: 1.55 ng
RT: 24.20 min Scan# 3636
Delta R.T. -0.01 min
Lab File: BG020868.D
Acq: 11 Feb 2016 22:44

Tgt Ion: 252 Resp: 11802
Ion Ratio Lower Upper
252 100
253 19.9 17.5 26.3
125 16.7 12.5 18.7





#88

Benzo(k)fluoranthene

Concen: 1.63 ng

RT: 24.27 min Scan# 3648

Delta R.T. -0.01 min

Lab File: BG020868.D

Acq: 11 Feb 2016 22:44

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2016-01

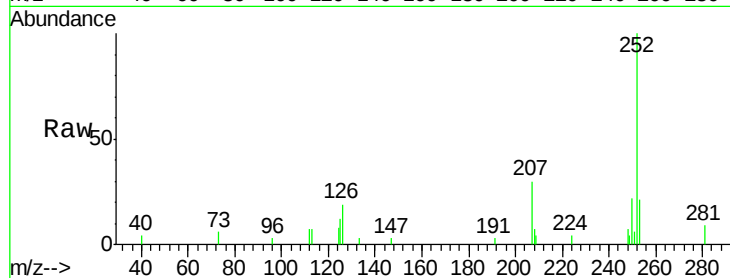
Tgt Ion:252 Resp: 12092

Ion Ratio Lower Upper

252 100

253 20.5 17.7 26.5

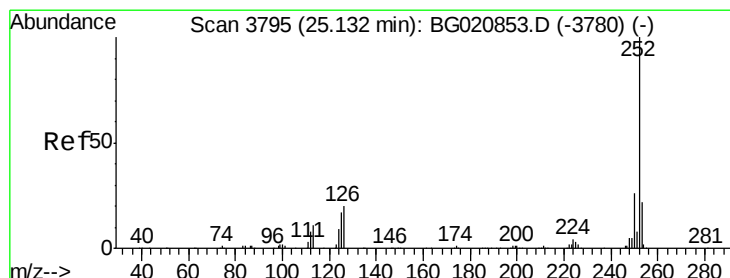
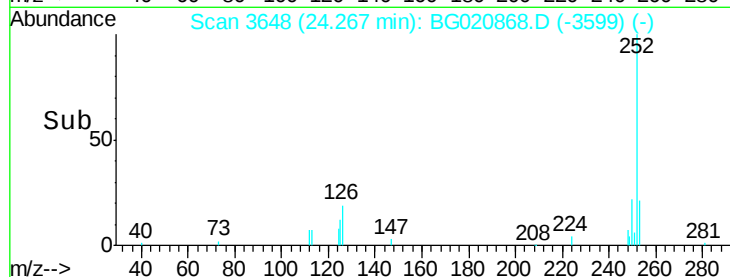
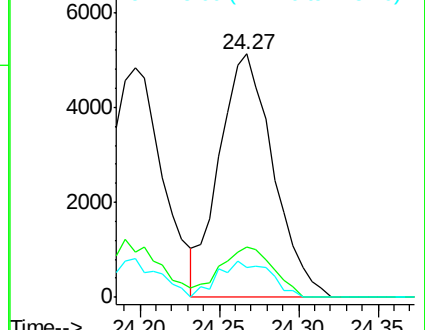
125 12.3 12.2 18.4



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: 1.49 ng

RT: 25.11 min Scan# 3792

Delta R.T. -0.02 min

Lab File: BG020868.D

Acq: 11 Feb 2016 22:44

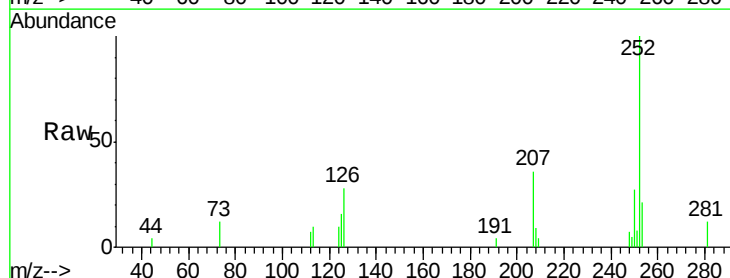
Tgt Ion:252 Resp: 10766

Ion Ratio Lower Upper

252 100

253 20.6 17.4 26.2

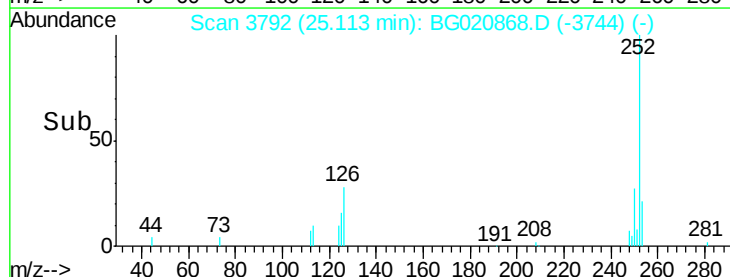
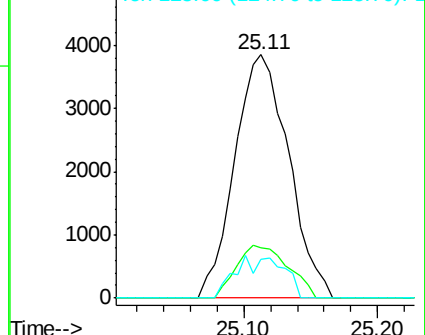
125 16.1 13.6 20.4

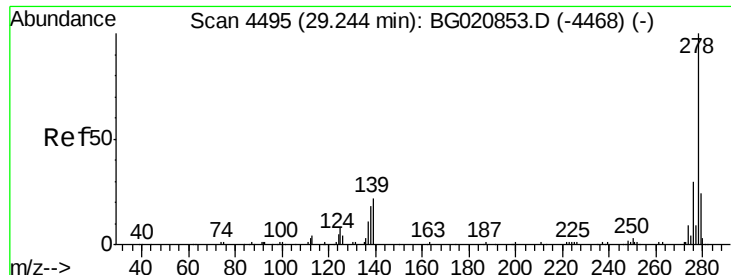


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

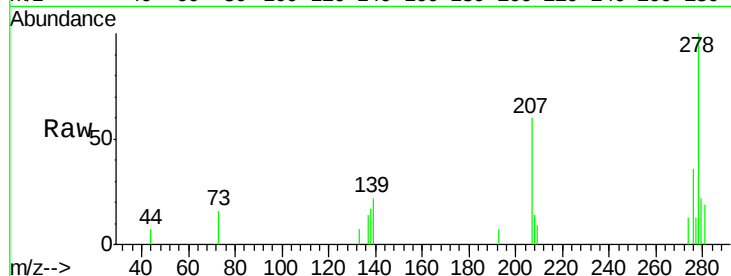




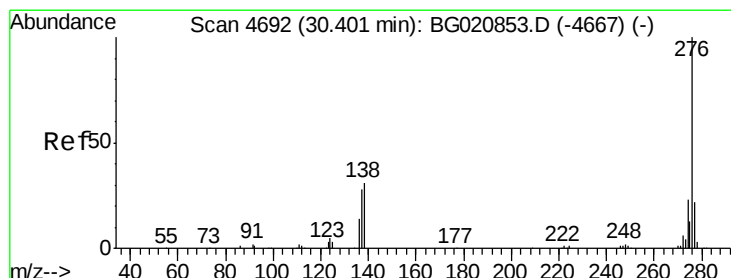
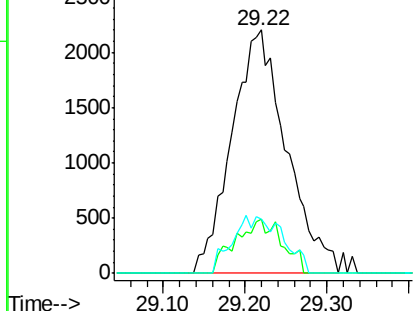
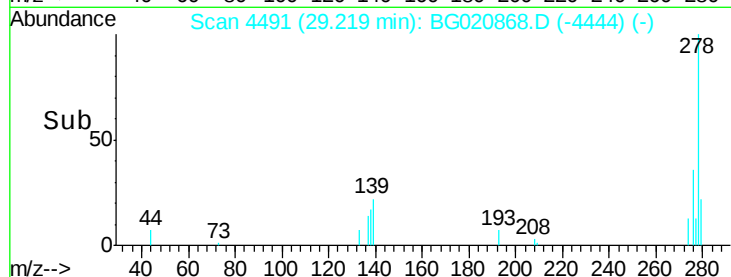
#90
Dibenzo(a,h)anthracene
Concen: 1.45 ng
RT: 29.22 min Scan# 4491
Delta R.T. -0.02 min
Lab File: BG020868.D
Acq: 11 Feb 2016 22:44

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2016-01

Tgt Ion: 278 Resp: 10202
Ion Ratio Lower Upper
278 100
139 22.1 17.3 25.9
279 22.3 19.1 28.7

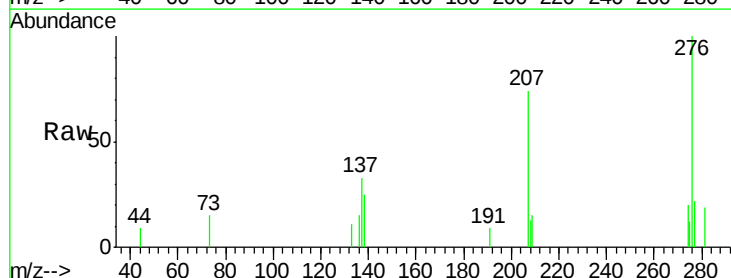


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 1.43 ng
RT: 30.35 min Scan# 4683
Delta R.T. -0.05 min
Lab File: BG020868.D
Acq: 11 Feb 2016 22:44

Tgt Ion: 276 Resp: 10023
Ion Ratio Lower Upper
276 100
277 22.2 17.6 26.4
138 25.5 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

