

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021516\
 Data File : BG020906.D
 Acq On : 15 Feb 2016 16:15
 Operator : SJ/UM
 Sample : G4825-06
 Misc : LOQ 20PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2016-02

Quant Time: Feb 16 00:15:34 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	21214	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	102161	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	61473	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	133051	20.00	ng	0.00
75) Chrysene-d12	21.89	240	125209	20.00	ng	-0.01
86) Perylene-d12	25.28	264	117614	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.80	112	200214	158.94	ng	0.00
7) Phenol-d6	7.41	99	283305	153.87	ng	0.00
23) Nitrobenzene-d5	9.44	82	152568	98.19	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	102499	169.55	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	414212	94.65	ng	0.00
78) Terphenyl-d14	20.20	244	553502	103.13	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.64	88	7147	15.60	ng	# 92
3) Pyridine	4.05	79	20751	15.32	ng	98
4) n-Nitrosodimethylamine	3.96	42	6094	17.19	ng	95
6) Aniline	7.58	93	41328	18.00	ng	99
8) 2-Chlorophenol	7.83	128	29897	19.00	ng	97
9) Benzaldehyde	7.40	77	20688	22.43	ng	98
10) Phenol	7.44	94	37837	19.42	ng	98
11) bis(2-Chloroethyl)ether	7.67	93	26662	17.13	ng	97
12) 1,3-Dichlorobenzene	8.15	146	28412	17.08	ng	95
13) 1,4-Dichlorobenzene	8.30	146	29018	17.20	ng	99
14) 1,2-Dichlorobenzene	8.62	146	28491	17.36	ng	98
15) Benzyl Alcohol	8.50	79	21946	18.91	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.79	45	26563	16.36	ng	99
17) 2-Methylphenol	8.70	107	26386	18.80	ng	95
18) Hexachloroethane	9.36	117	9879	17.03	ng	96
19) n-Nitroso-di-n-propylamine	9.06	70	19928	16.77	ng	97
20) 3+4-Methylphenols	9.02	107	36800	18.81	ng	99
22) Acetophenone	9.09	105	40529	16.46	ng	# 96
24) Nitrobenzene	9.48	77	28935	17.87	ng	98
25) Isophorone	10.00	82	57764	17.64	ng	99
26) 2-Nitrophenol	10.19	139	15259	17.90	ng	98
27) 2,4-Dimethylphenol	10.24	122	29926	18.32	ng	97
28) bis(2-Chloroethoxy)methane	10.48	93	37890	18.77	ng	99
29) 2,4-Dichlorophenol	10.73	162	28970	19.79	ng	98
30) 1,2,4-Trichlorobenzene	10.95	180	26915	18.25	ng	96
31) Naphthalene	11.14	128	96676	18.29	ng	97
32) Benzoic acid	10.32	122	13103	10.00	ng	97
33) 4-Chloroaniline	11.24	127	43720	19.23	ng	98
34) Hexachlorobutadiene	11.42	225	13790	18.35	ng	99
35) Caprolactam	12.00	113	11165	19.91	ng	97
36) 4-Chloro-3-methylphenol	12.34	107	31514	18.79	ng	96
37) 2-Methylnaphthalene	12.73	142	72492	19.55	ng	99
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	29182	16.18	ng	98
40) Hexachlorocyclopentadiene	13.07	237	13618	17.17	ng	92

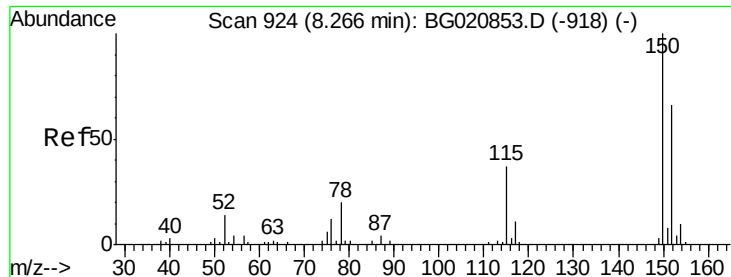
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021516\
 Data File : BG020906.D
 Acq On : 15 Feb 2016 16:15
 Operator : SJ/UM
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.32	196	22595	18.65	ng	99
43) 2,4,5-Trichlorophenol	13.39	196	24591	19.31	ng	96
45) 1,1'-Biphenyl	13.72	154	89104	16.43	ng	99
46) 2-Chloronaphthalene	13.76	162	68899	17.75	ng	96
47) 2-Nitroaniline	13.96	65	17172	18.47	ng	97
48) Acenaphthylene	14.60	152	122548	18.15	ng	97
49) Dimethylphthalate	14.32	163	89639	18.65	ng	99
50) 2,6-Dinitrotoluene	14.45	165	19151	18.59	ng	97
51) Acenaphthene	14.95	154	73046	17.84	ng	96
52) 3-Nitroaniline	14.77	138	23683	19.79	ng	100
53) 2,4-Dinitrophenol	14.98	184	3969	16.55	ng	87
54) Dibenzofuran	15.27	168	111680	20.63	ng	100
55) 4-Nitrophenol	15.07	139	16649	18.42	ng	96
56) 2,4-Dinitrotoluene	15.23	165	26986	20.27	ng	99
57) Fluorene	15.92	166	94442	18.94	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.49	232	20834	21.47	ng	98
59) Diethylphthalate	15.67	149	94539	19.13	ng	98
60) 4-Chlorophenyl-phenylether	15.91	204	40597	18.33	ng	96
61) 4-Nitroaniline	15.93	138	23469	19.53	ng	98
62) Azobenzene	16.20	77	78444	20.19	ng	98
64) 4,6-Dinitro-2-methylphenol	15.98	198	8114	16.14	ng	95
65) n-Nitrosodiphenylamine	16.12	169	79205	18.43	ng	99
66) 4-Bromophenyl-phenylether	16.80	248	25153	17.90	ng	96
67) Hexachlorobenzene	16.92	284	26868	17.97	ng	98
68) Atrazine	17.05	200	25501	19.55	ng	99
69) Pentachlorophenol	17.26	266	11979	13.97	ng	99
70) Phenanthrene	17.66	178	143013	18.88	ng	99
71) Anthracene	17.75	178	142417	18.52	ng	99
72) Carbazole	18.01	167	132766	19.24	ng	99
73) Di-n-butylphthalate	18.55	149	161074	18.21	ng	98
74) Fluoranthene	19.65	202	152885	18.68	ng	98
76) Benzidine	19.82	184	66148	16.34	ng	98
77) Pyrene	20.01	202	158464	19.19	ng	99
79) Butylbenzylphthalate	20.88	149	70974	17.95	ng	98
80) Benzo(a)anthracene	21.88	228	142459	19.06	ng	99
81) 3,3'-Dichlorobenzidine	21.78	252	37790	13.62	ng	98
82) Chrysene	21.95	228	127052	18.07	ng	99
83) Bis(2-ethylhexyl)phthalate	21.76	149	102100	17.42	ng	100
84) Di-n-octyl phthalate	23.03	149	172934	17.97	ng	100
85) Indeno(1,2,3-cd)pyrene	29.15	276	143157	17.71	ng	# 90
87) Benzo(b)fluoranthene	24.20	252	138036	19.18	ng	99
88) Benzo(k)fluoranthene	24.27	252	134724	19.10	ng	99
89) Benzo(a)pyrene	25.11	252	130769	19.07	ng	100
90) Dibenzo(a,h)anthracene	29.21	278	117819	17.67	ng	99
91) Benzo(g,h,i)perylene	30.36	276	112721	17.03	ng	97

(#) = 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: BG020906.D

Acq: 15 Feb 2016 16:15

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2016-02

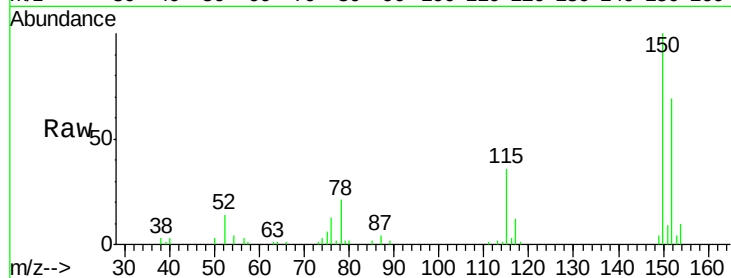
Tgt Ion:152 Resp: 21214

Ion Ratio Lower Upper

152 100

150 145.4 122.0 183.0

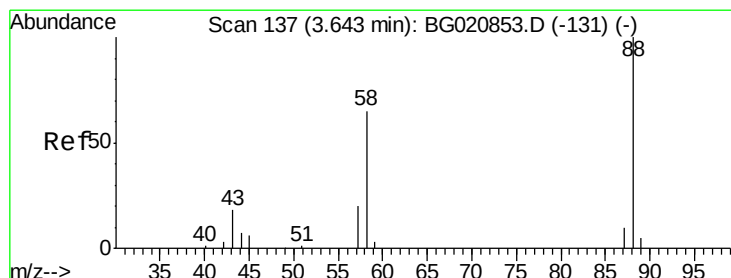
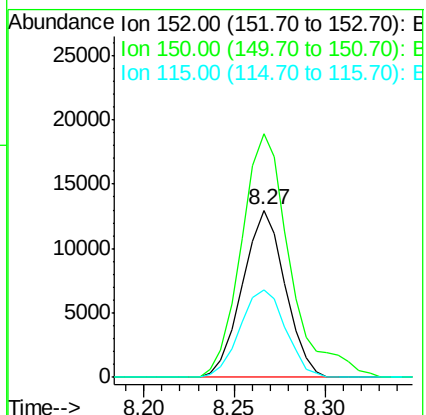
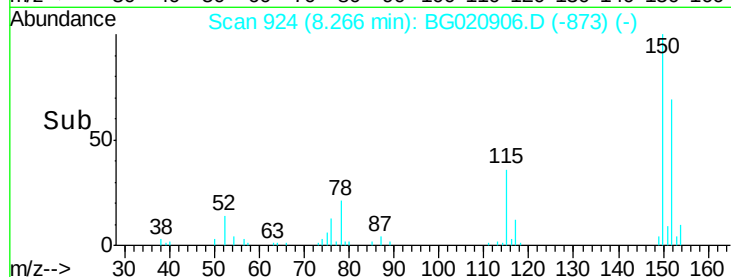
115 52.2 45.2 67.8



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: 15.60 ng

RT: 3.64 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG020906.D

Acq: 15 Feb 2016 16:15

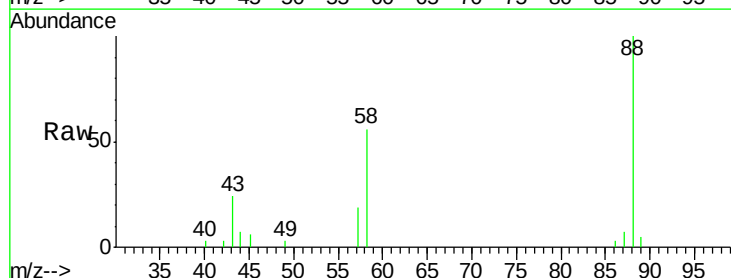
Tgt Ion: 88 Resp: 7147

Ion Ratio Lower Upper

88 100

58 65.7 50.3 75.5

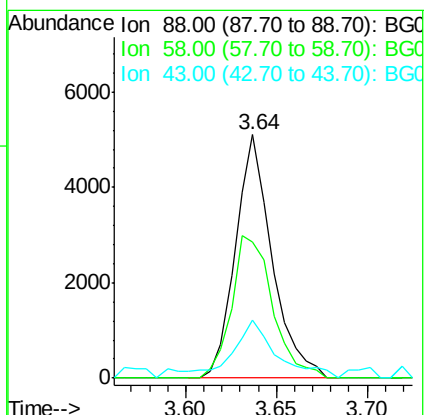
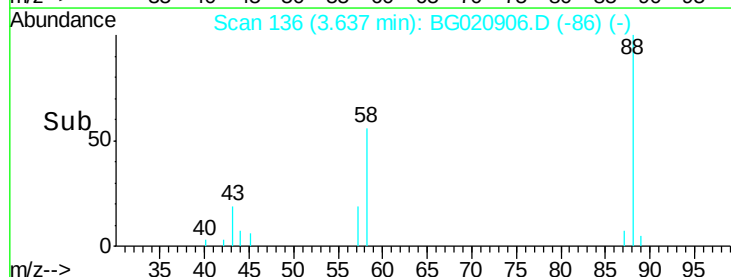
43 28.3 14.5 21.7#

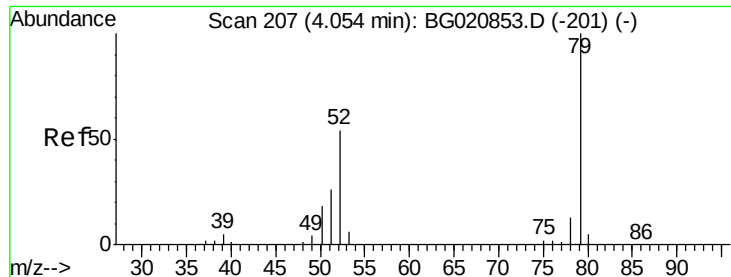


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 15.32 ng

RT: 4.05 min Scan# 206

Delta R.T. -0.01 min

Lab File: BG020906.D

Acq: 15 Feb 2016 16:15

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2016-02

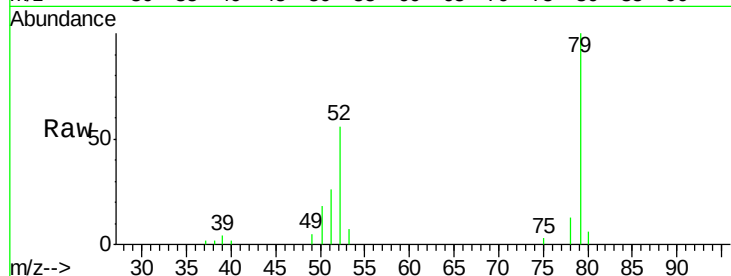
Tgt Ion: 79 Resp: 20751

Ion Ratio Lower Upper

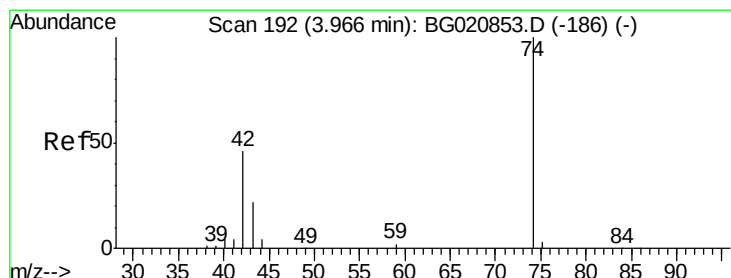
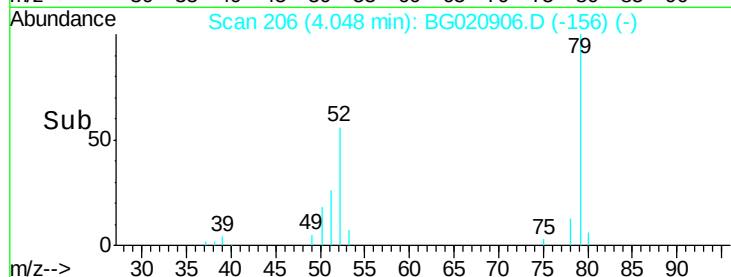
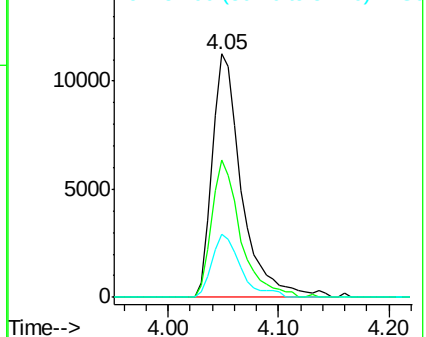
79 100

52 56.4 43.1 64.7

51 26.1 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: 17.19 ng

RT: 3.96 min Scan# 191

Delta R.T. -0.01 min

Lab File: BG020906.D

Acq: 15 Feb 2016 16:15

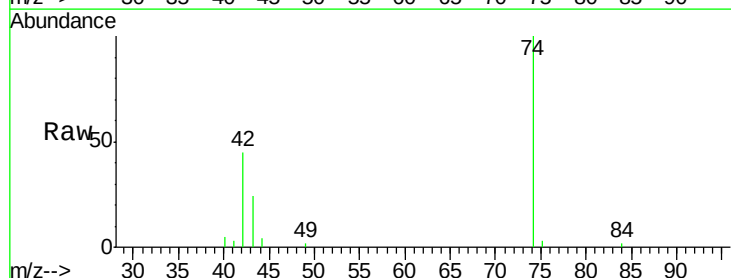
Tgt Ion: 42 Resp: 6094

Ion Ratio Lower Upper

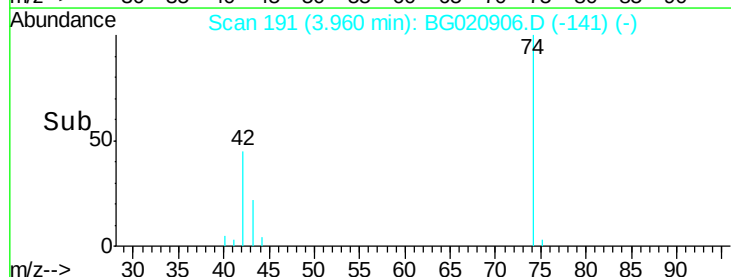
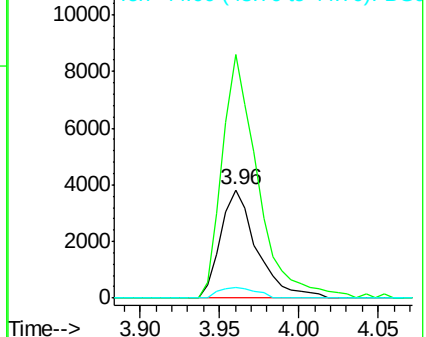
42 100

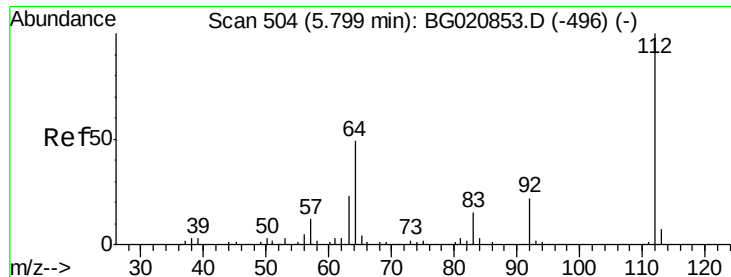
74 224.4 173.8 260.6

44 9.3 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: 158.94 ng

RT: 5.80 min Scan# 504

Delta R.T. -0.00 min

Lab File: BG020906.D

Acq: 15 Feb 2016 16:15

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2016-02

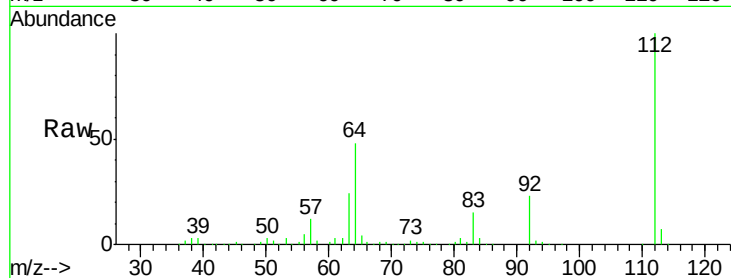
Tgt Ion: 112 Resp: 200214

Ion Ratio Lower Upper

112 100

64 47.9 39.3 58.9

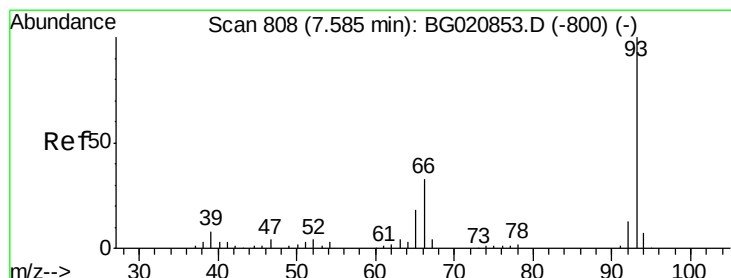
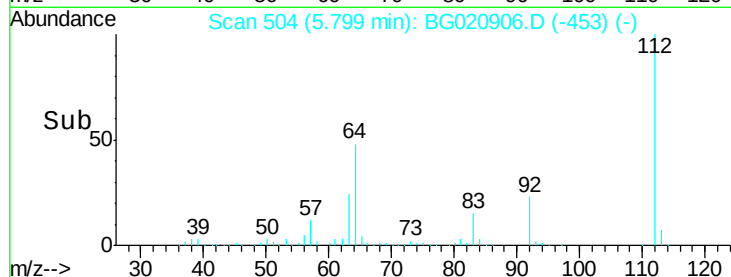
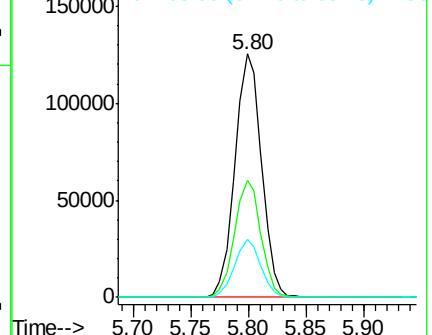
63 23.7 18.2 27.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 18.00 ng

RT: 7.58 min Scan# 808

Delta R.T. -0.00 min

Lab File: BG020906.D

Acq: 15 Feb 2016 16:15

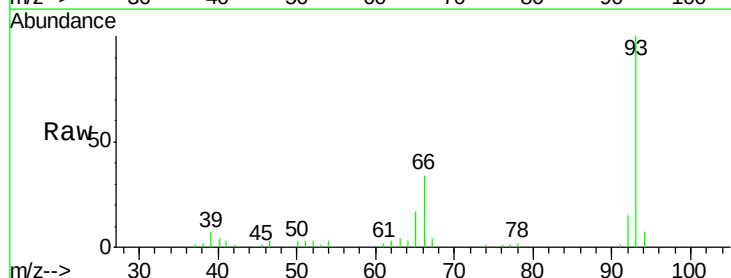
Tgt Ion: 93 Resp: 41328

Ion Ratio Lower Upper

93 100

66 33.8 26.6 40.0

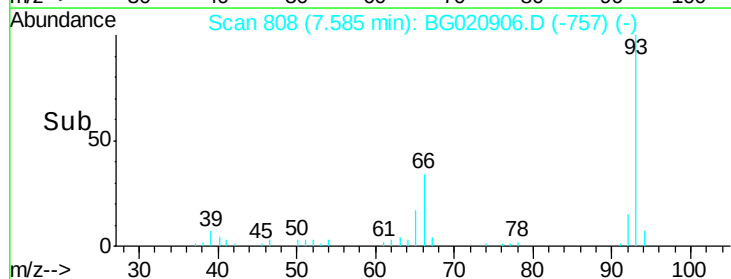
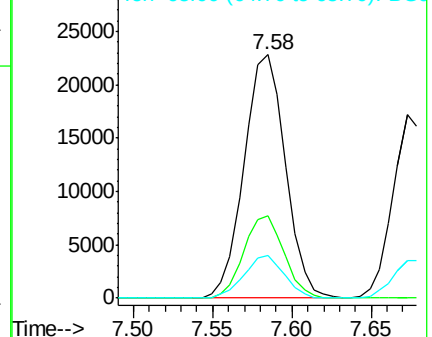
65 17.5 14.0 21.0

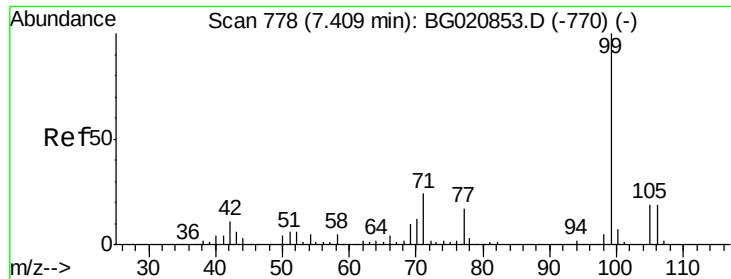


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 153.87 ng

RT: 7.41 min Scan# 779

Delta R.T. 0.01 min

Lab File: BG020906.D

Acq: 15 Feb 2016 16:15

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LOQ-WATER2016-02

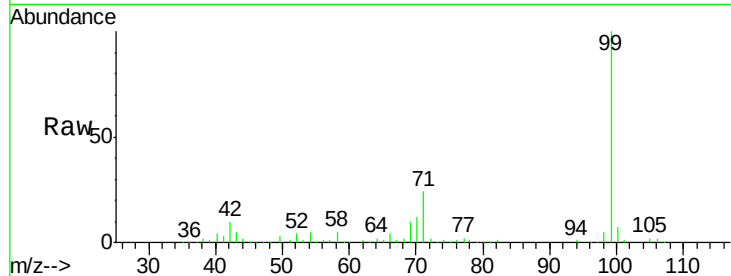
Tgt Ion: 99 Resp: 283305

Ion Ratio Lower Upper

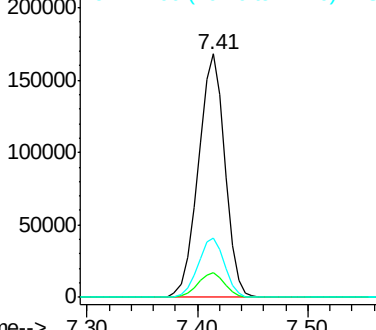
99 100

42 10.3 8.4 12.6

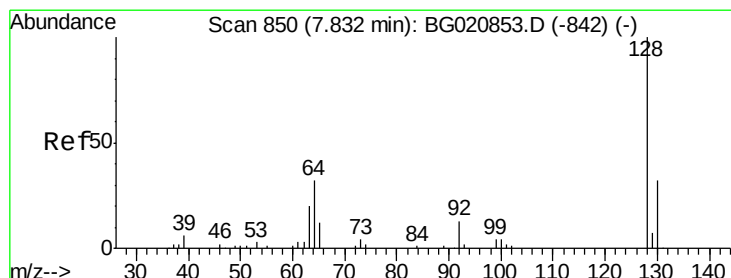
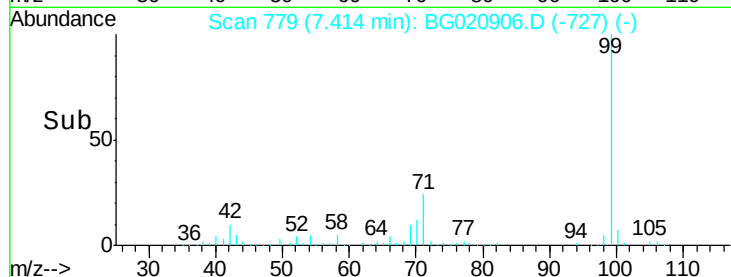
71 24.2 19.4 29.0



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



Time--> 7.30 7.40 7.50



#8

2-Chlorophenol

Concen: 19.00 ng

RT: 7.83 min Scan# 849

Delta R.T. -0.01 min

Lab File: BG020906.D

Acq: 15 Feb 2016 16:15

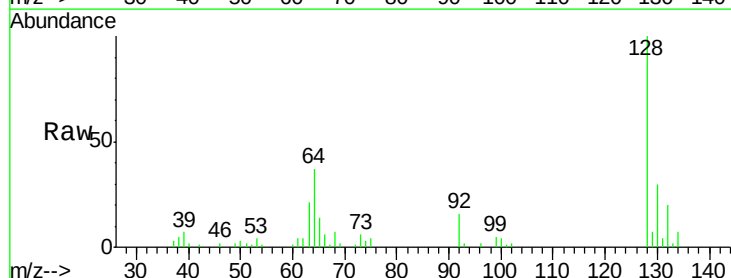
Tgt Ion: 128 Resp: 29897

Ion Ratio Lower Upper

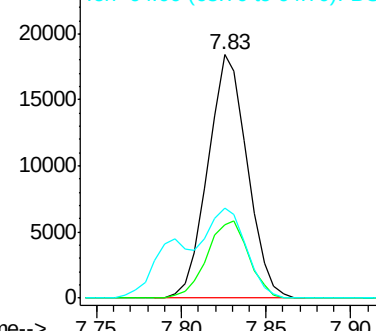
128 100

130 29.9 12.3 52.3

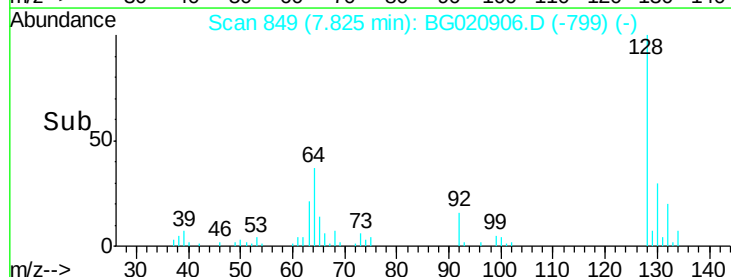
64 36.9 15.9 55.9

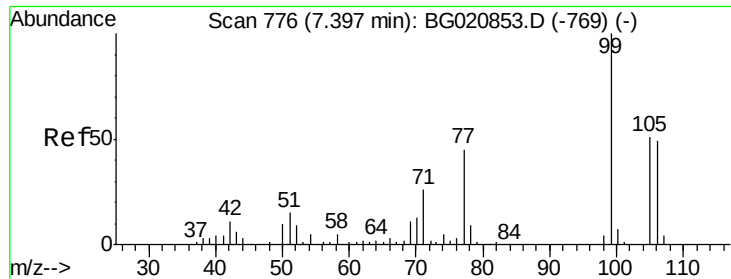


Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC



Time--> 7.75 7.80 7.85 7.90





#9

Benzaldehyde

Concen: 22.43 ng

RT: 7.40 min Scan# 776

Delta R.T. -0.00 min

Lab File: BG020906.D

Acq: 15 Feb 2016 16:15

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2016-02

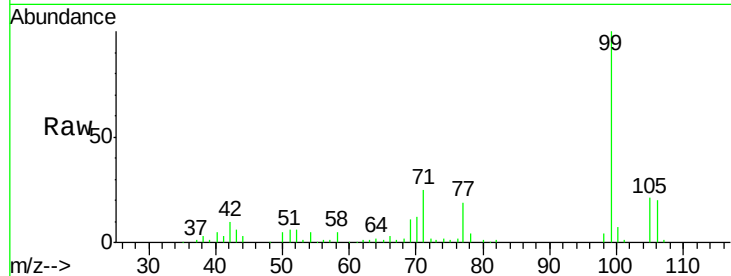
Tgt Ion: 77 Resp: 20688

Ion Ratio Lower Upper

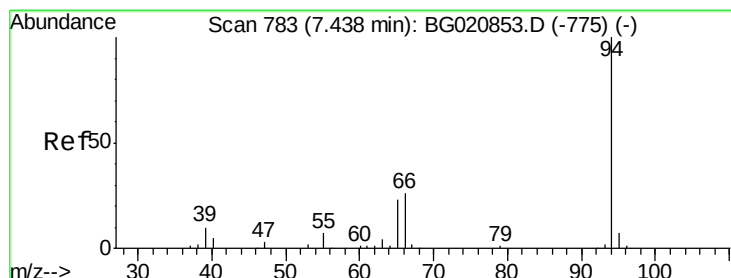
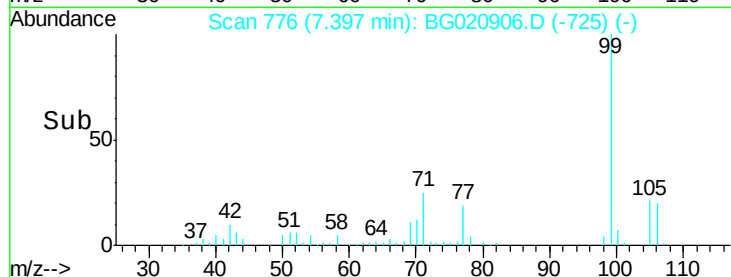
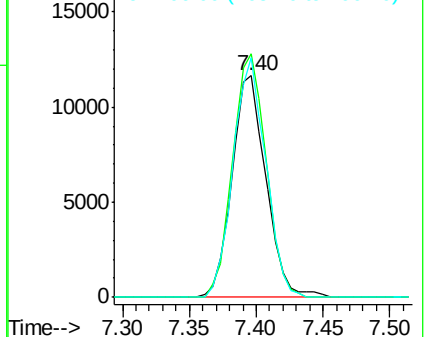
77 100

105 109.8 93.4 133.4

106 107.9 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: 19.42 ng

RT: 7.44 min Scan# 783

Delta R.T. -0.00 min

Lab File: BG020906.D

Acq: 15 Feb 2016 16:15

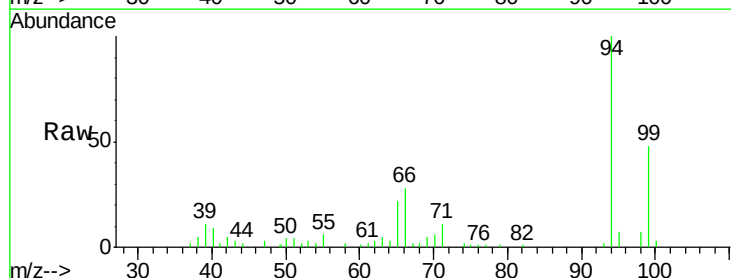
Tgt Ion: 94 Resp: 37837

Ion Ratio Lower Upper

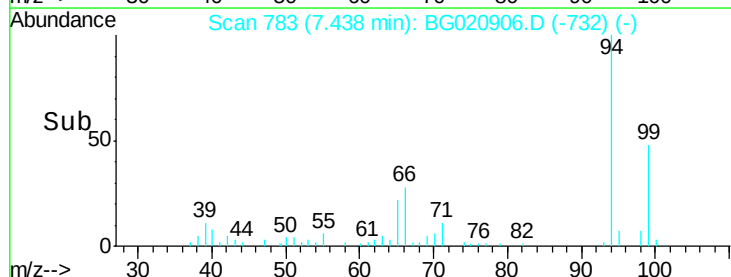
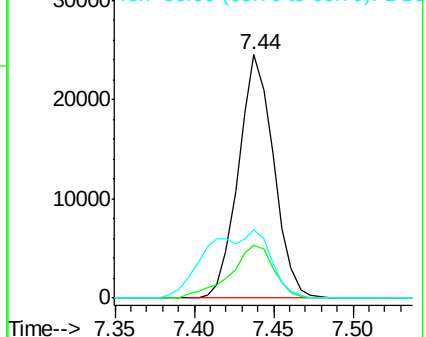
94 100

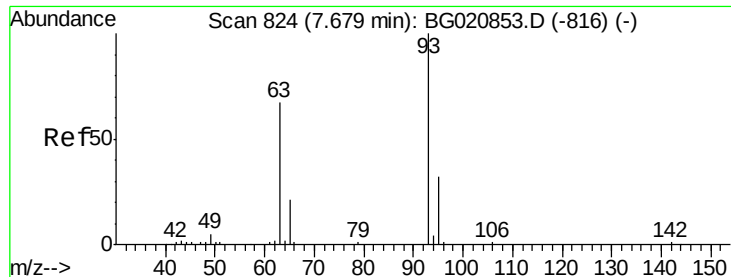
65 21.5 2.8 42.8

66 28.1 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

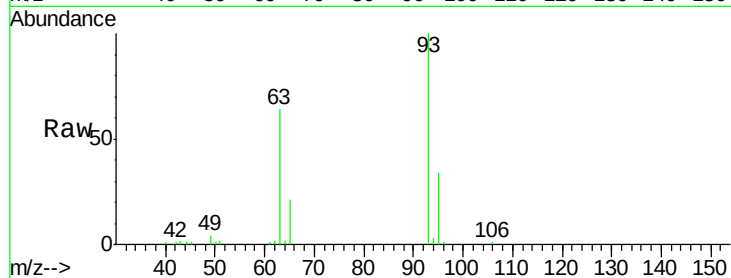




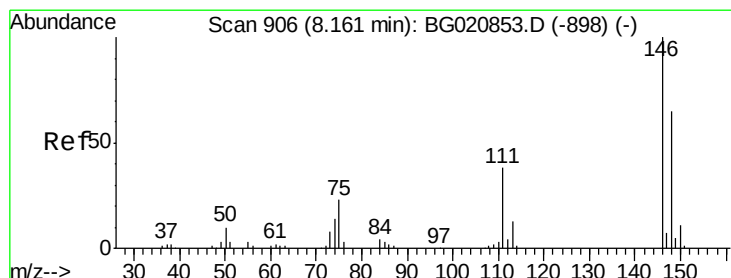
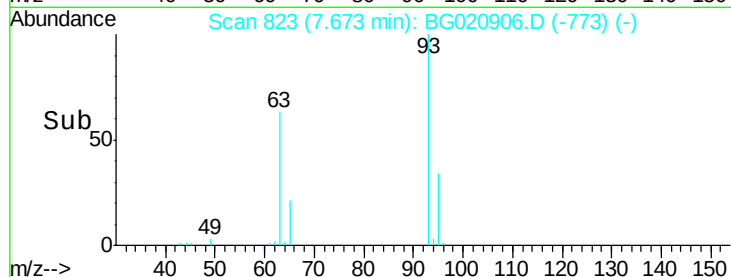
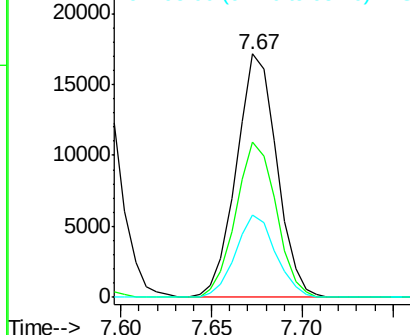
#11
bis(2-Chloroethyl)ether
Concen: 17.13 ng
RT: 7.67 min Scan# 823
Delta R.T. -0.01 min
Lab File: BG020906.D
Acq: 15 Feb 2016 16:15

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2016-02

Tgt Ion: 93 Resp: 26662
Ion Ratio Lower Upper
93 100
63 63.9 46.4 86.4
95 33.8 12.1 52.1

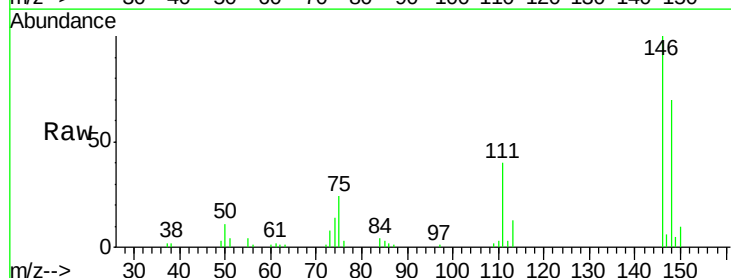


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

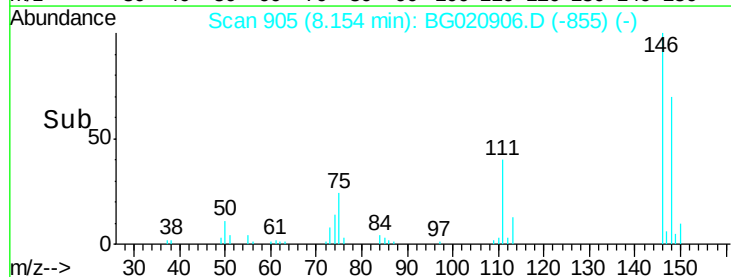
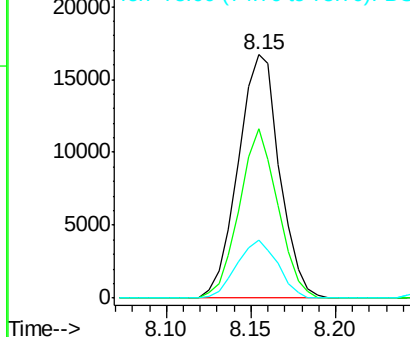


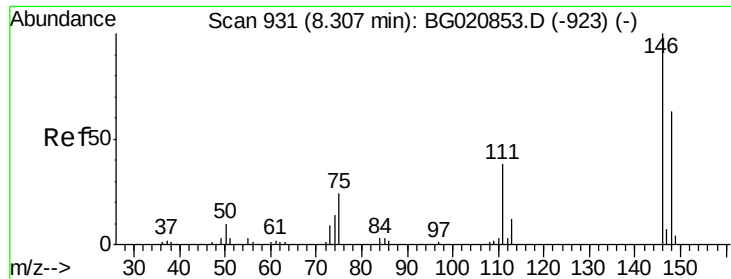
#12
1,3-Dichlorobenzene
Concen: 17.08 ng
RT: 8.15 min Scan# 905
Delta R.T. -0.01 min
Lab File: BG020906.D
Acq: 15 Feb 2016 16:15

Tgt Ion: 146 Resp: 28412
Ion Ratio Lower Upper
146 100
148 69.6 51.8 77.8
75 23.9 18.7 28.1



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

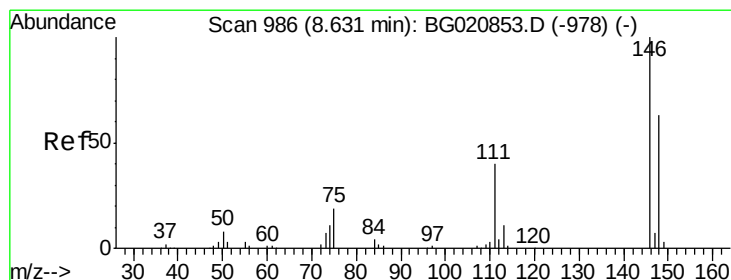
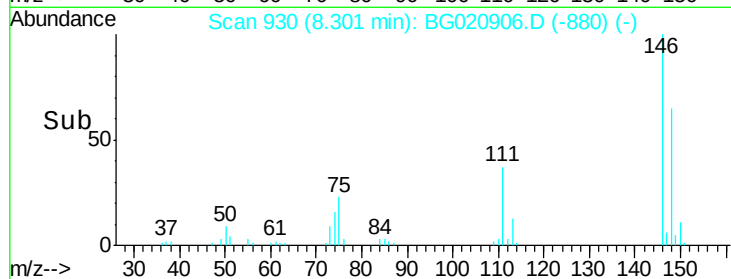
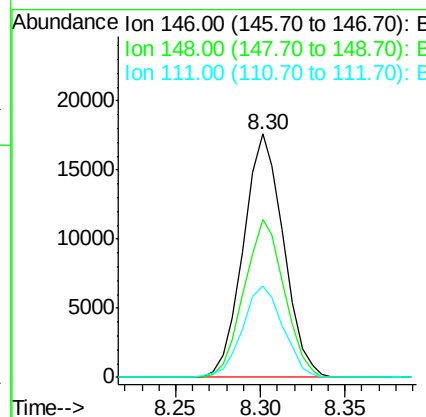
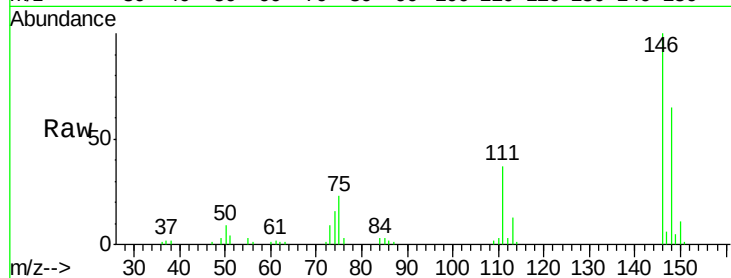




#13
 1,4-Dichlorobenzene
 Concen: 17.20 ng
 RT: 8.30 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: BG020906.D
 Acq: 15 Feb 2016 16:15

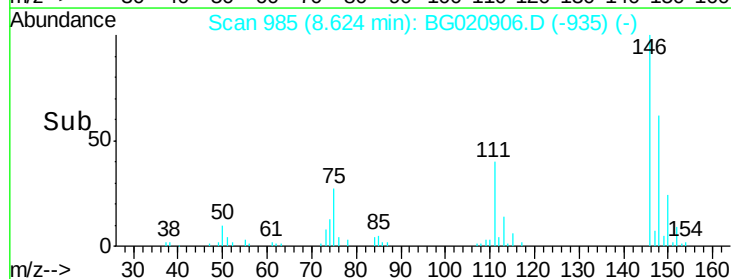
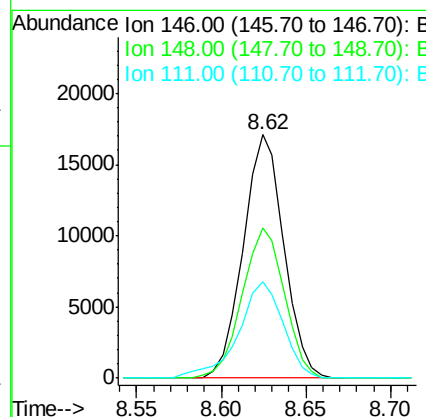
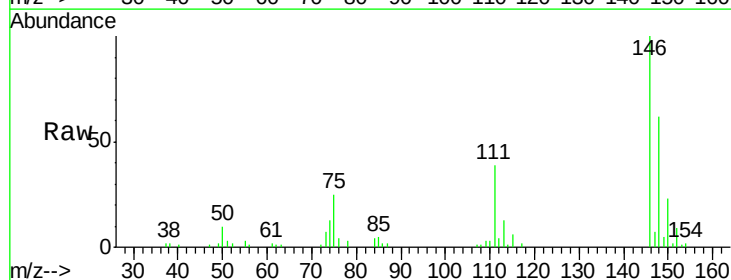
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2016-02

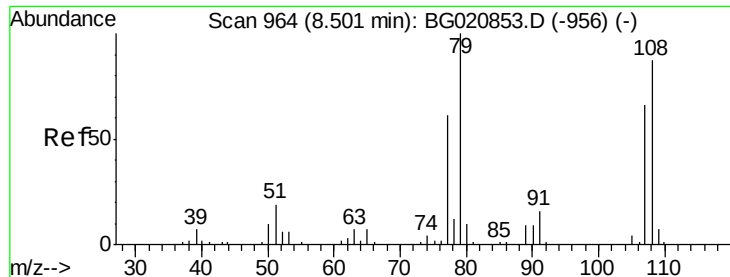
Tgt Ion:146 Resp: 29018
 Ion Ratio Lower Upper
 146 100
 148 64.9 50.8 76.2
 111 37.3 30.1 45.1



#14
 1,2-Dichlorobenzene
 Concen: 17.36 ng
 RT: 8.62 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BG020906.D
 Acq: 15 Feb 2016 16:15

Tgt Ion:146 Resp: 28491
 Ion Ratio Lower Upper
 146 100
 148 61.6 50.6 76.0
 111 39.4 32.6 48.8





#15

Benzyl Alcohol

Concen: 18.91 ng

RT: 8.50 min Scan# 964

Delta R.T. -0.00 min

Lab File: BG020906.D

Acq: 15 Feb 2016 16:15

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2016-02

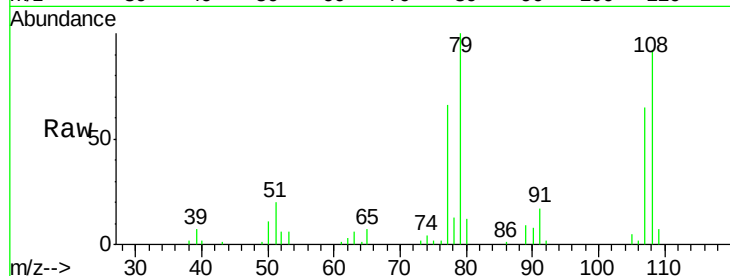
Tgt Ion: 79 Resp: 21946

Ion Ratio Lower Upper

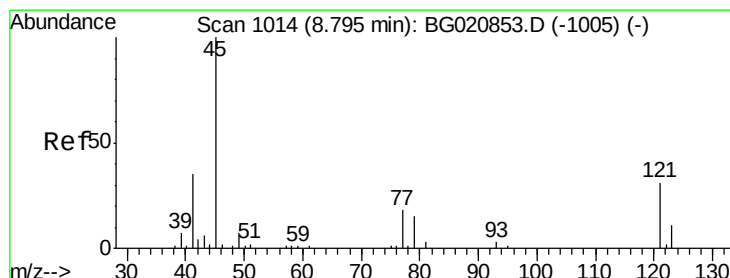
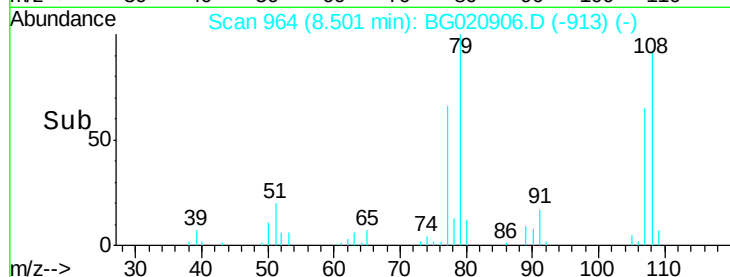
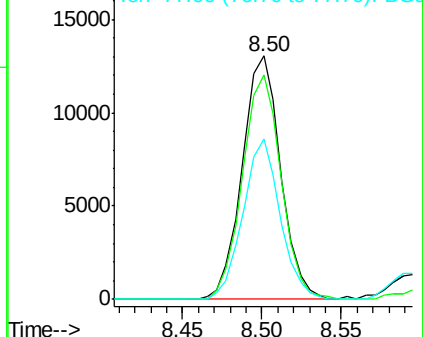
79 100

108 92.3 69.4 104.2

77 66.0 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: 16.36 ng

RT: 8.79 min Scan# 1014

Delta R.T. -0.00 min

Lab File: BG020906.D

Acq: 15 Feb 2016 16:15

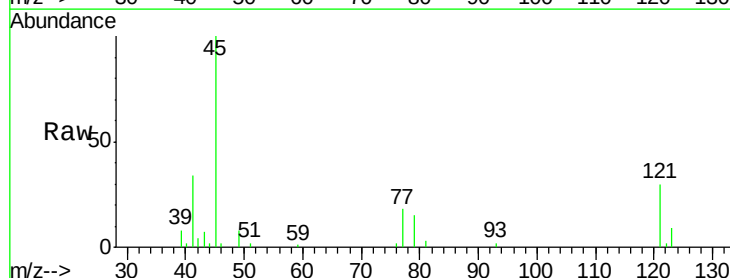
Tgt Ion: 45 Resp: 26563

Ion Ratio Lower Upper

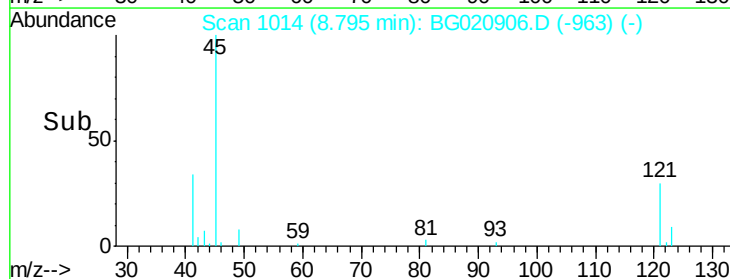
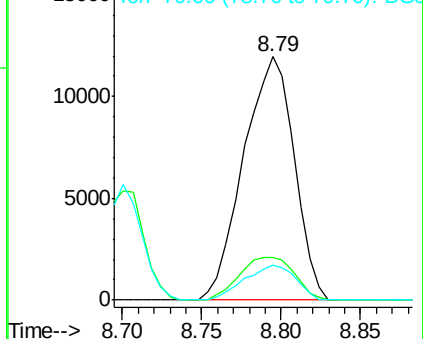
45 100

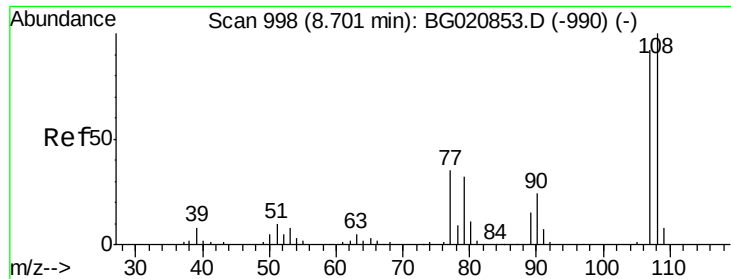
77 17.7 0.0 38.5

79 14.5 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

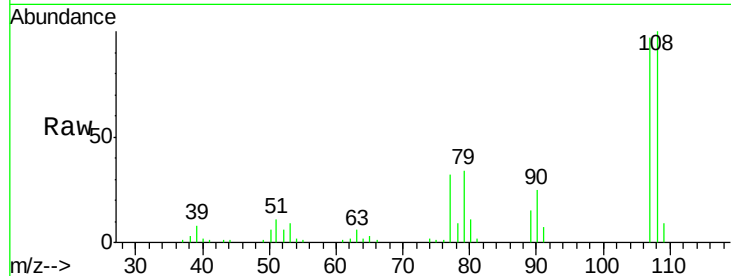




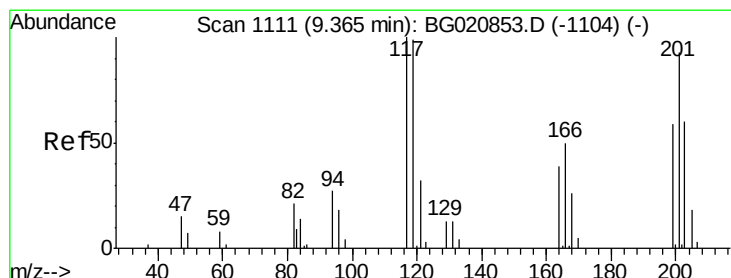
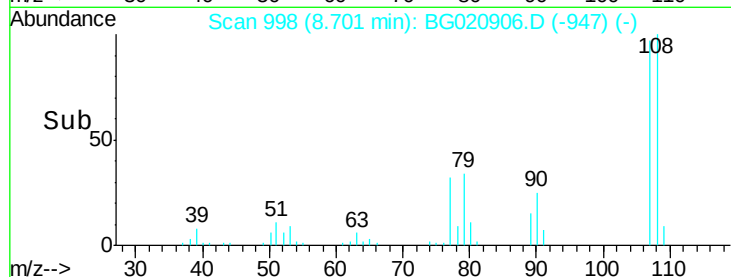
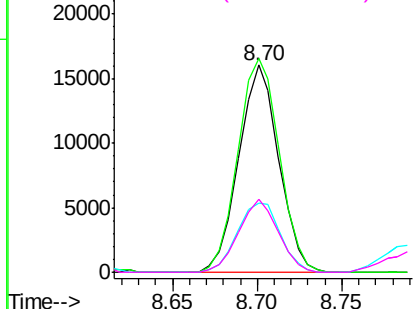
#17
 2-Methylphenol
 Concen: 18.80 ng
 RT: 8.70 min Scan# 998
 Delta R.T. -0.00 min
 Lab File: BG020906.D
 Acq: 15 Feb 2016 16:15

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2016-02

Tgt Ion:107 Resp: 26386
 Ion Ratio Lower Upper
 107 100
 108 103.2 87.0 130.4
 77 33.5 30.1 45.1
 79 35.5 27.4 41.2

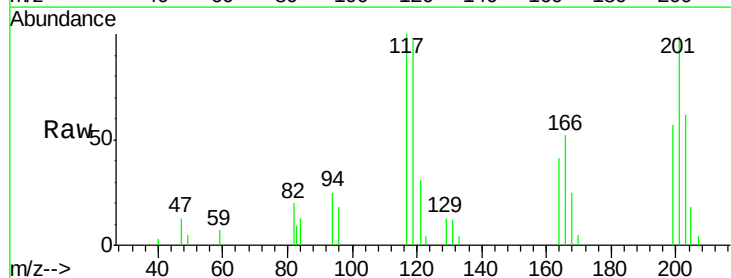


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BG
 Ion 79.00 (78.70 to 79.70): BG

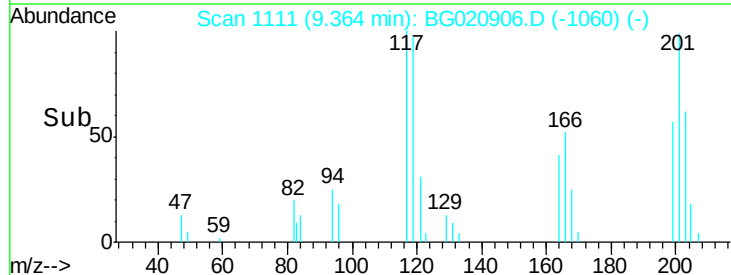
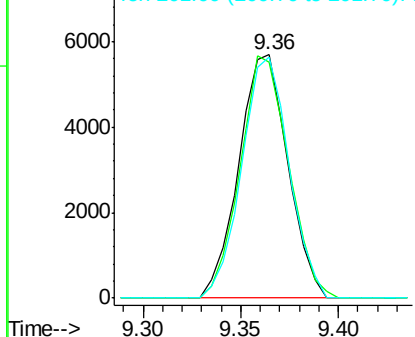


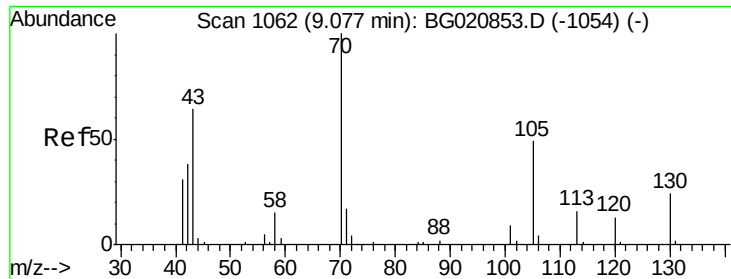
#18
 Hexachloroethane
 Concen: 17.03 ng
 RT: 9.36 min Scan# 1111
 Delta R.T. -0.00 min
 Lab File: BG020906.D
 Acq: 15 Feb 2016 16:15

Tgt Ion:117 Resp: 9879
 Ion Ratio Lower Upper
 117 100
 119 96.7 79.6 119.4
 201 98.9 74.5 111.7



Abundance Ion 117.00 (116.70 to 117.70): E
 Ion 119.00 (118.70 to 119.70): E
 Ion 201.00 (200.70 to 201.70): E

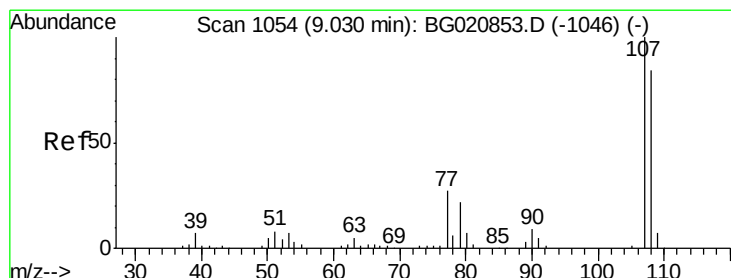
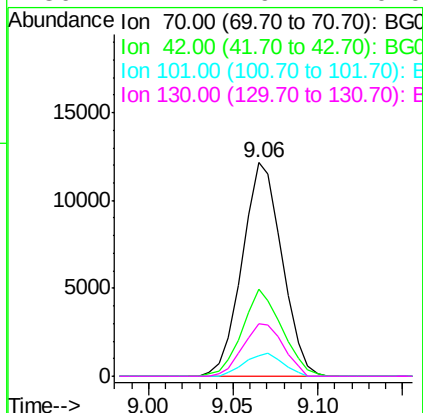
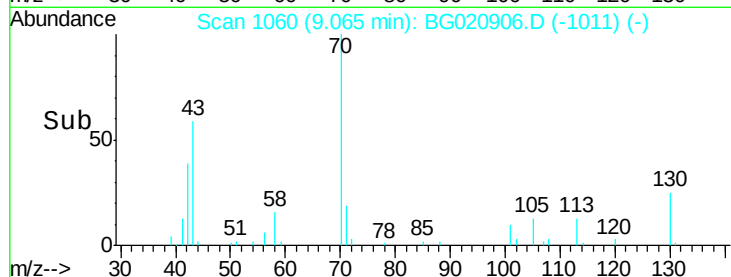
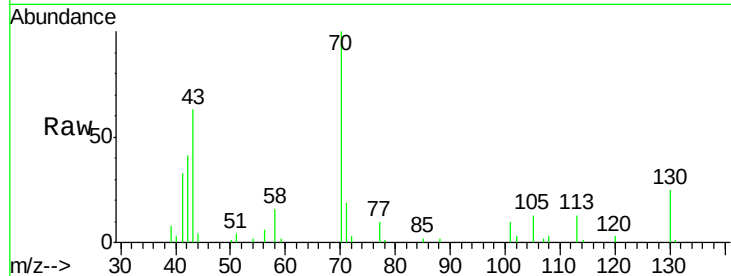




#19
n-Nitroso-di-n-propylamine
Concen: 16.77 ng
RT: 9.06 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BG020906.D
Acq: 15 Feb 2016 16:15

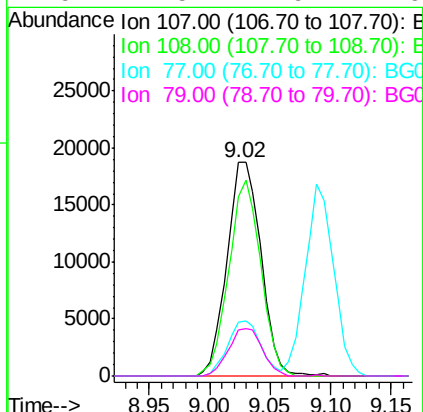
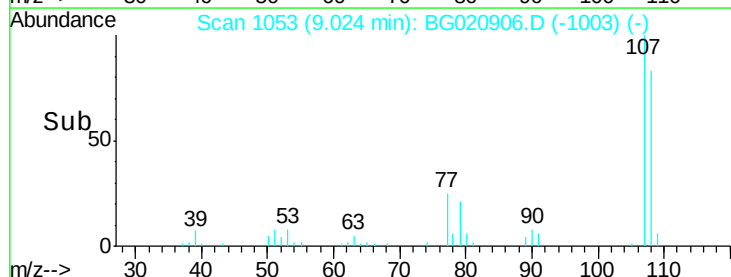
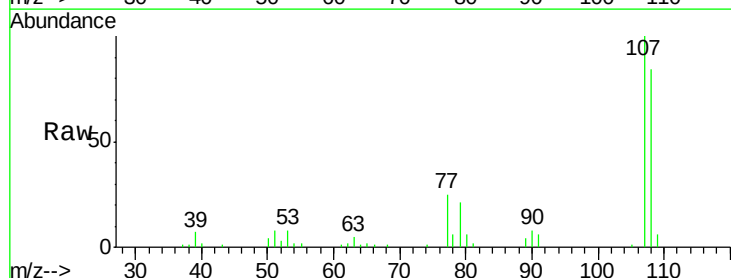
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2016-02

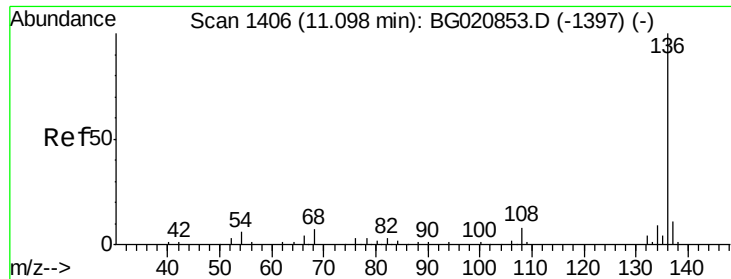
Tgt Ion: 70 Resp: 19928
Ion Ratio Lower Upper
70 100
42 41.0 30.9 46.3
101 9.8 7.3 10.9
130 24.7 19.4 29.0



#20
3+4-Methylphenols
Concen: 18.81 ng
RT: 9.02 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG020906.D
Acq: 15 Feb 2016 16:15

Tgt Ion: 107 Resp: 36800
Ion Ratio Lower Upper
107 100
108 83.9 64.4 104.4
77 25.1 7.1 47.1
79 21.5 1.9 41.9

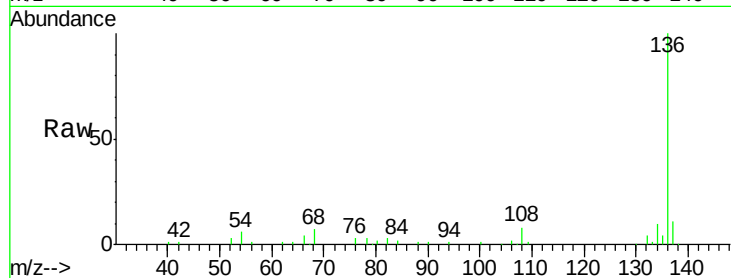




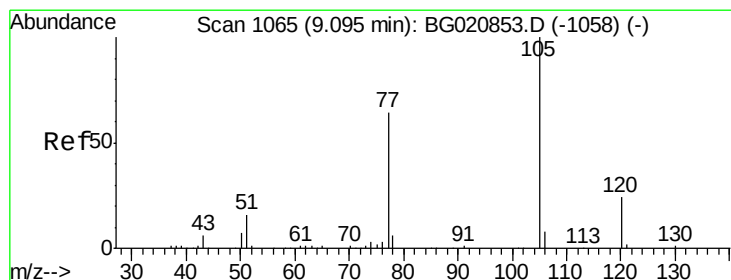
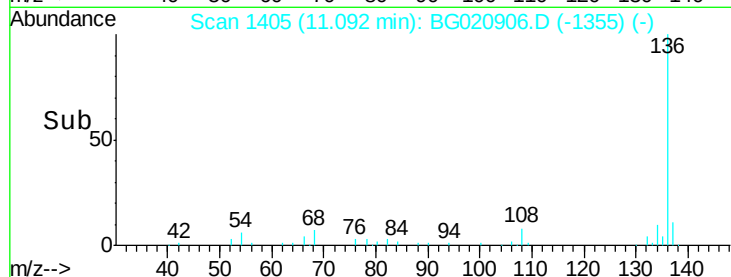
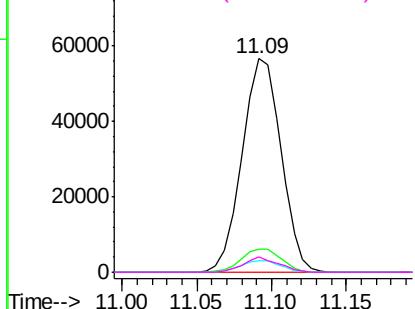
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG020906.D
Acq: 15 Feb 2016 16:15

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2016-02

Tgt Ion:	136	Resp:	102161
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	5.6	5.0	7.4
68	7.0	5.2	7.8

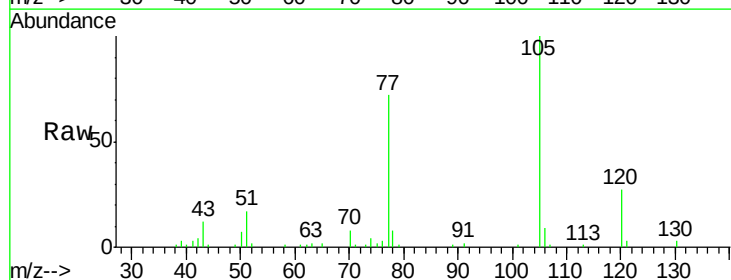


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

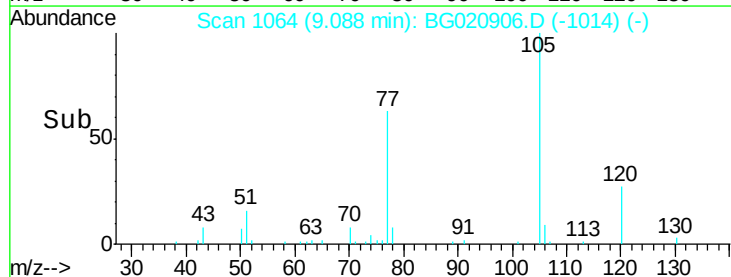
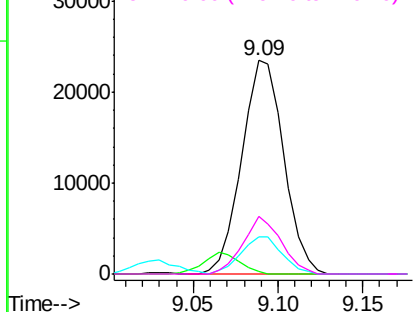


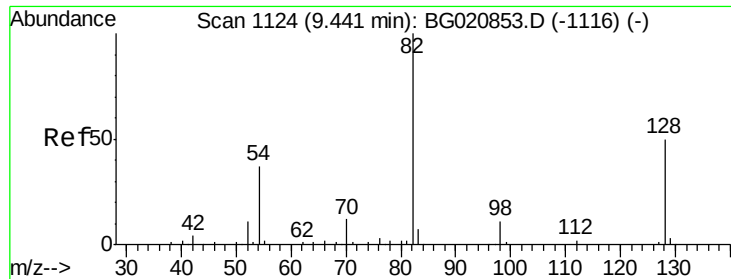
#22
Acetophenone
Concen: 16.46 ng
RT: 9.09 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BG020906.D
Acq: 15 Feb 2016 16:15

Tgt Ion:	105	Resp:	40529
Ion	Ratio	Lower	Upper
105	100		
71	1.2	1.4	2.0#
51	17.4	13.7	20.5
120	26.7	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

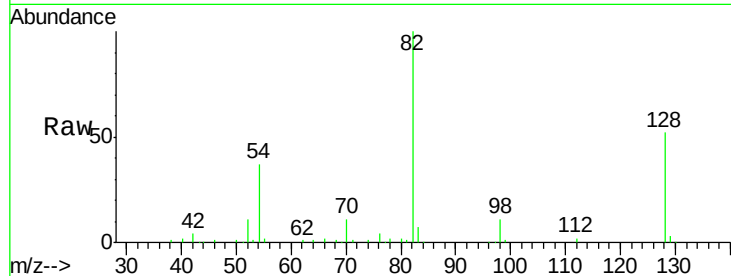




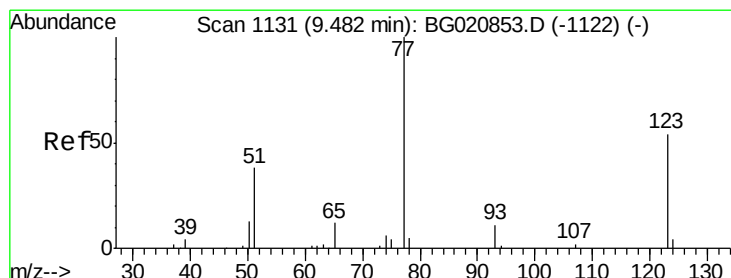
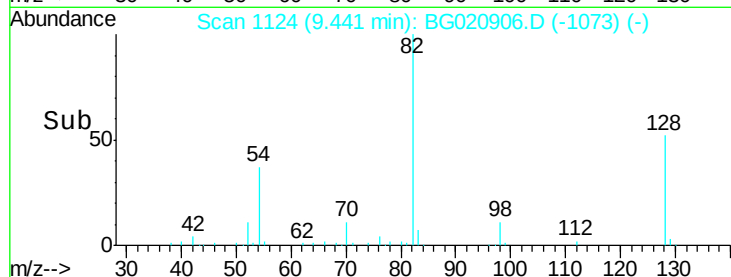
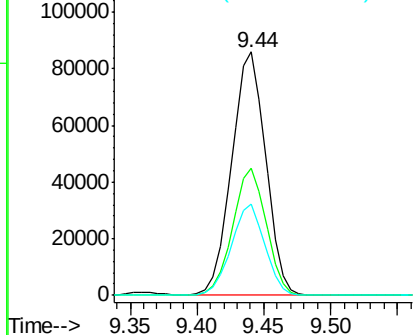
#23
Nitrobenzene-d5
Concen: 98.19 ng
RT: 9.44 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BG020906.D
Acq: 15 Feb 2016 16:15

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2016-02

Tgt Ion: 82 Resp: 152568
Ion Ratio Lower Upper
82 100
128 52.2 40.1 60.1
54 37.4 29.5 44.3

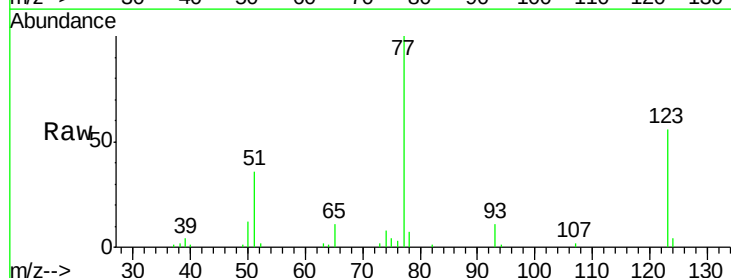


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

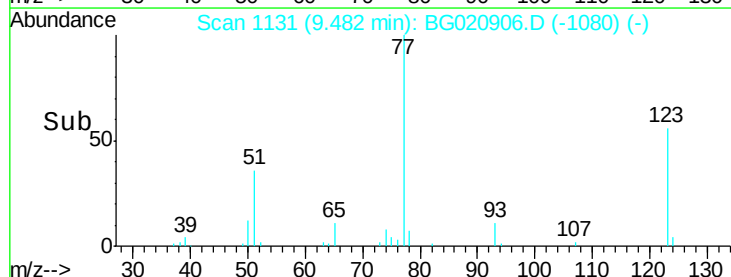
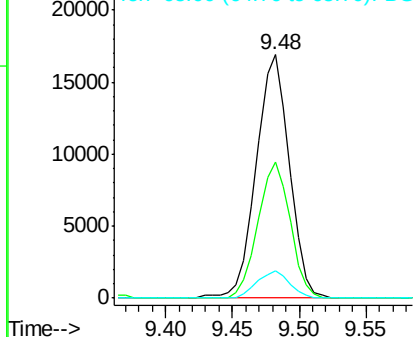


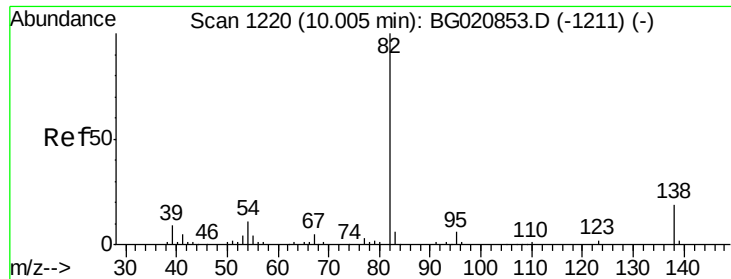
#24
Nitrobenzene
Concen: 17.87 ng
RT: 9.48 min Scan# 1131
Delta R.T. -0.00 min
Lab File: BG020906.D
Acq: 15 Feb 2016 16:15

Tgt Ion: 77 Resp: 28935
Ion Ratio Lower Upper
77 100
123 55.8 43.2 64.8
65 11.4 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: 17.64 ng

RT: 10.00 min Scan# 1219

Delta R.T. -0.01 min

Lab File: BG020906.D

Acq: 15 Feb 2016 16:15

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2016-02

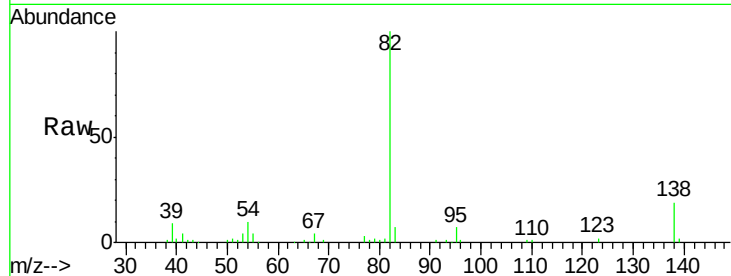
Tgt Ion: 82 Resp: 57764

Ion Ratio Lower Upper

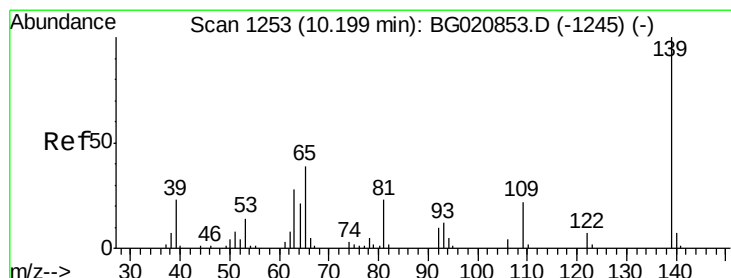
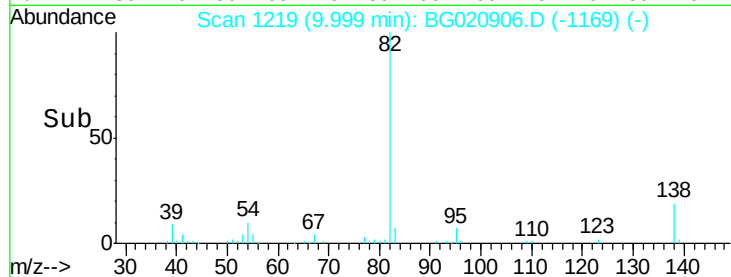
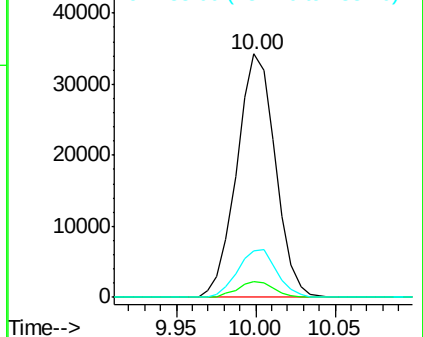
82 100

95 6.5 4.8 7.2

138 18.9 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: 17.90 ng

RT: 10.19 min Scan# 1252

Delta R.T. -0.01 min

Lab File: BG020906.D

Acq: 15 Feb 2016 16:15

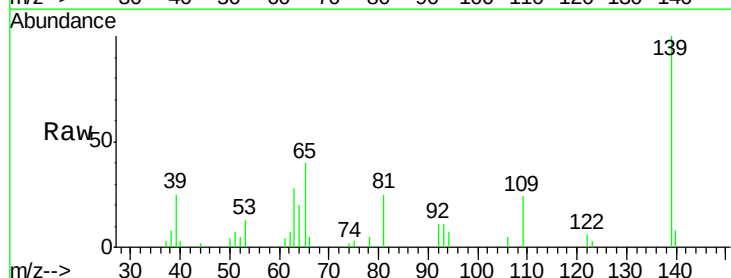
Tgt Ion: 139 Resp: 15259

Ion Ratio Lower Upper

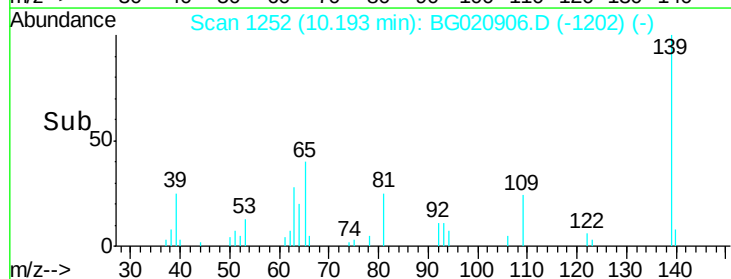
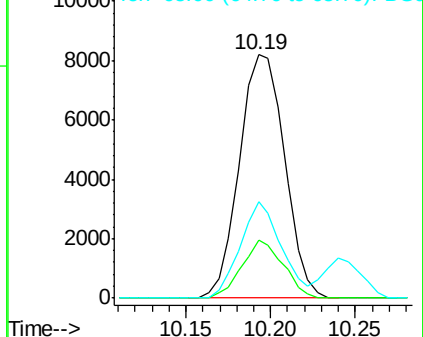
139 100

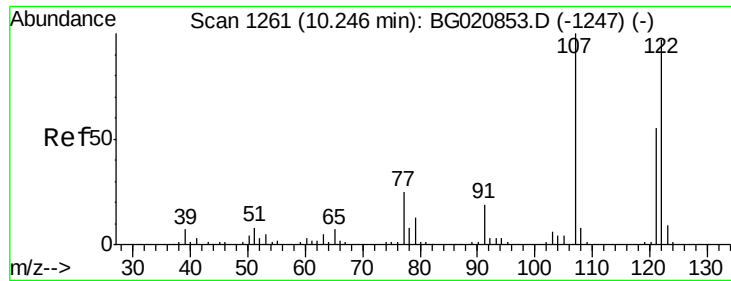
109 23.6 17.6 26.4

65 39.7 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

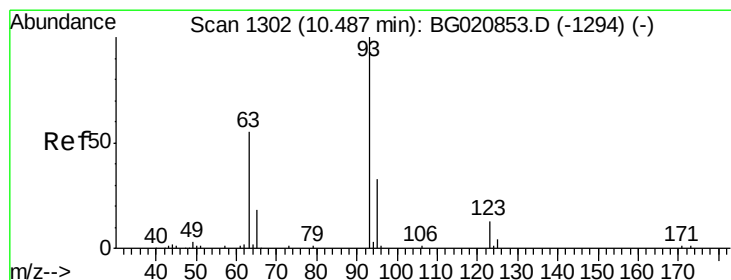
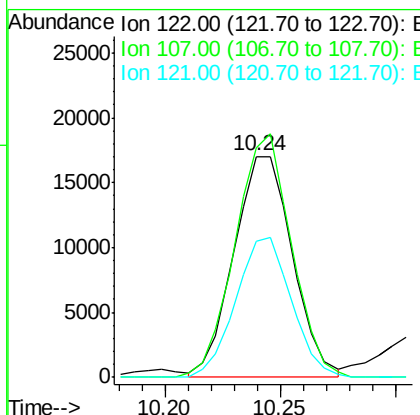
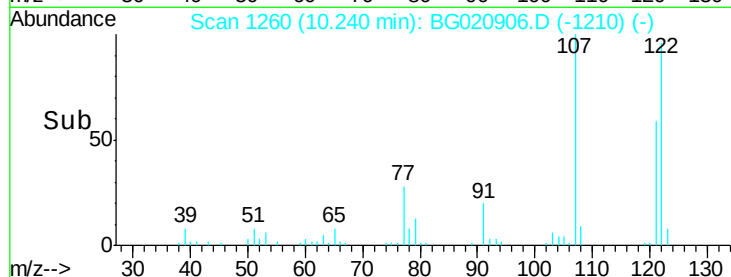
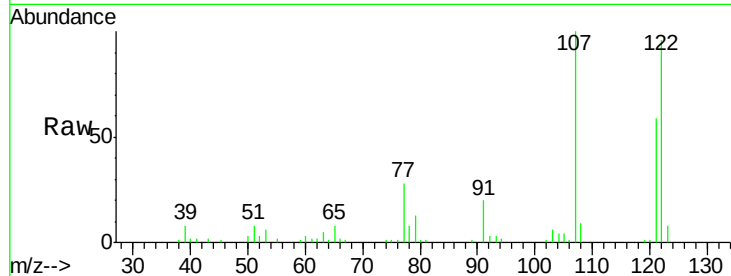




#27
 2,4-Dimethylphenol
 Concen: 18.32 ng
 RT: 10.24 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BG020906.D
 Acq: 15 Feb 2016 16:15

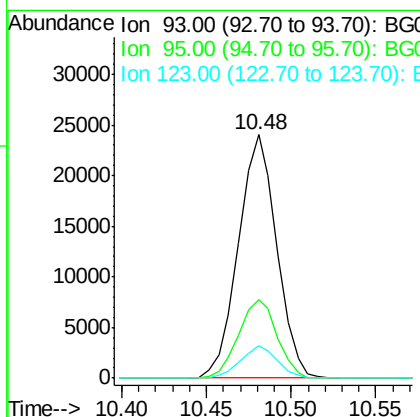
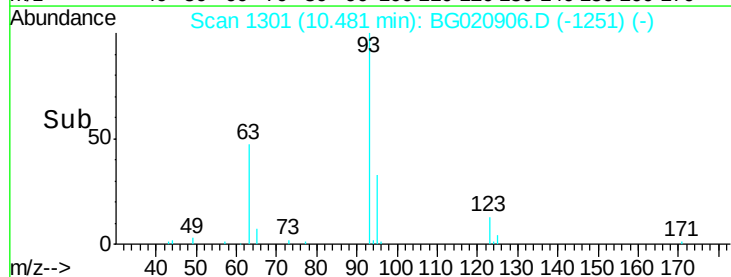
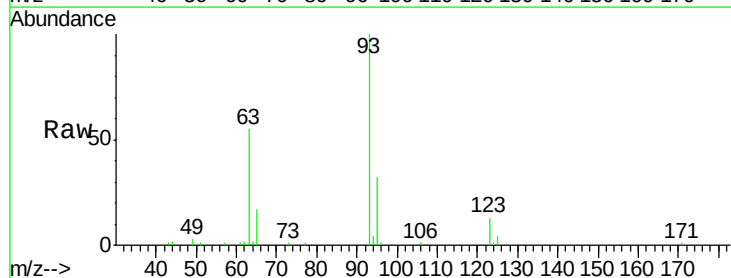
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2016-02

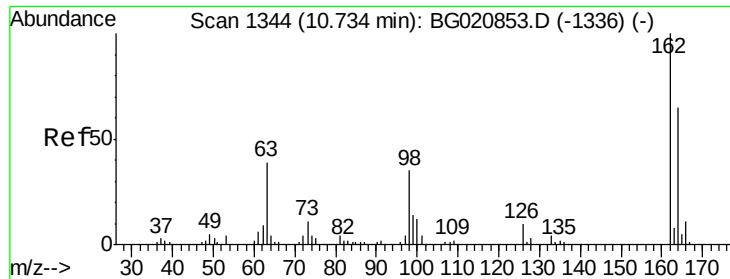
Tgt Ion: 122 Resp: 29926
 Ion Ratio Lower Upper
 122 100
 107 104.0 82.6 124.0
 121 61.7 45.6 68.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 18.77 ng
 RT: 10.48 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: BG020906.D
 Acq: 15 Feb 2016 16:15

Tgt Ion: 93 Resp: 37890
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.2 39.2
 123 13.2 10.0 15.0

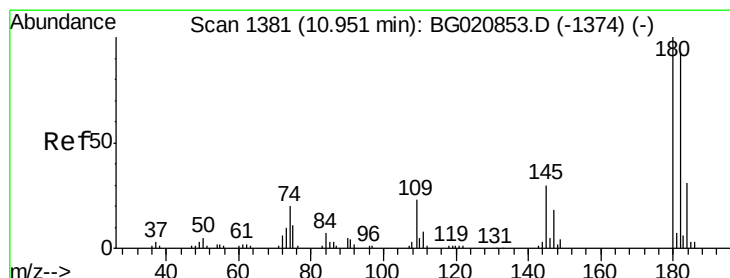
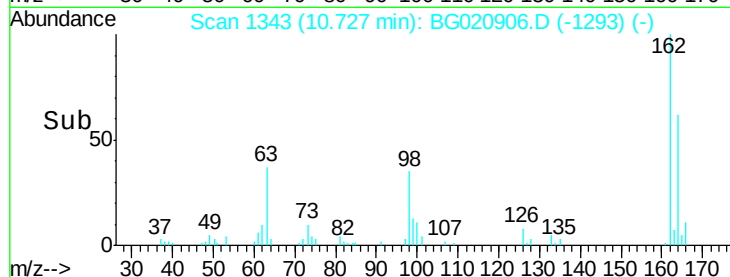
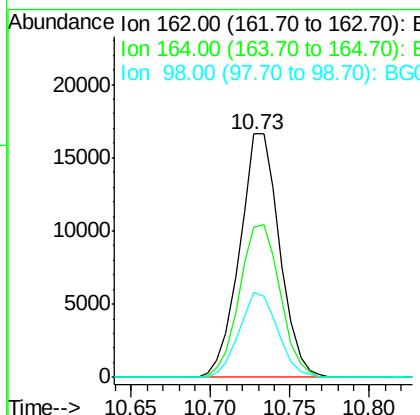
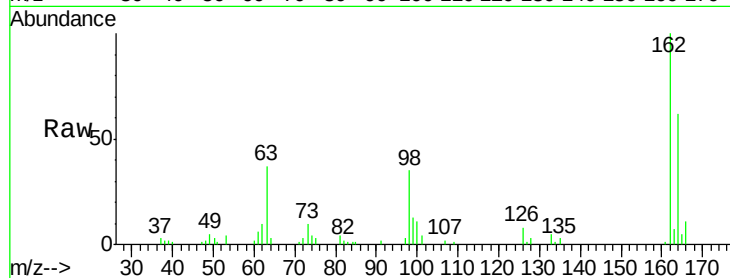




#29
 2,4-Dichlorophenol
 Concen: 19.79 ng
 RT: 10.73 min Scan# 1343
 Delta R.T. -0.01 min
 Lab File: BG020906.D
 Acq: 15 Feb 2016 16:15

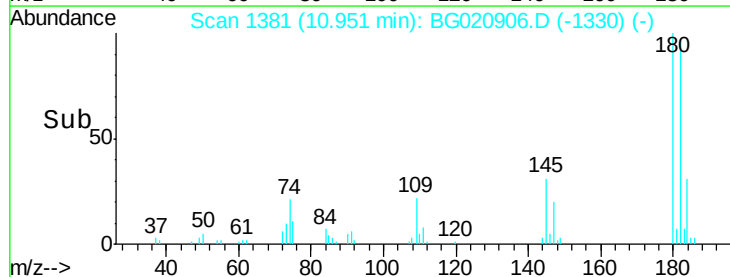
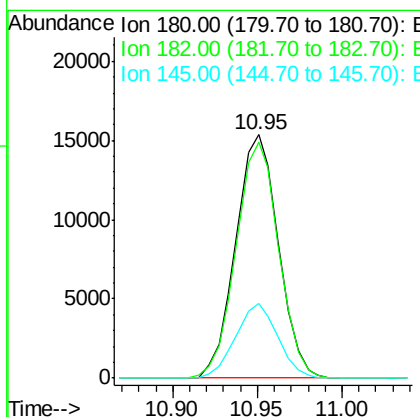
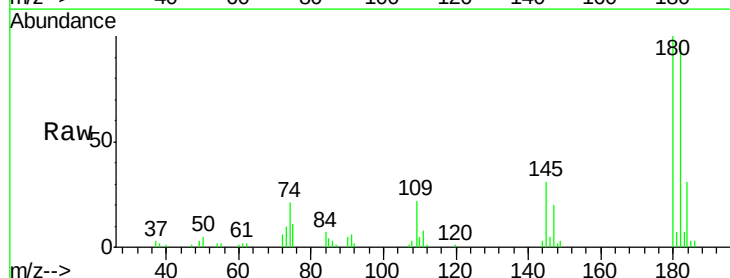
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2016-02

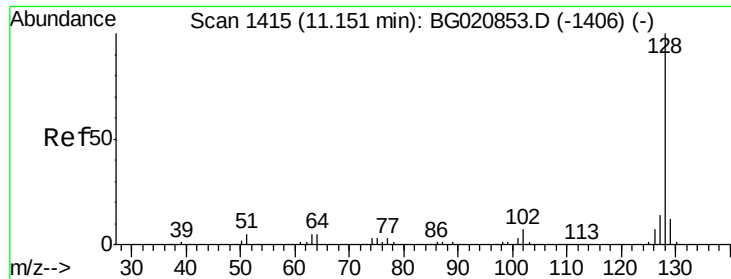
Tgt Ion	Ratio	Lower	Upper
162	100		
164	61.7	44.5	84.5
98	34.7	14.9	54.9



#30
 1,2,4-Trichlorobenzene
 Concen: 18.25 ng
 RT: 10.95 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: BG020906.D
 Acq: 15 Feb 2016 16:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	74.1	111.1
145	30.7	24.1	36.1

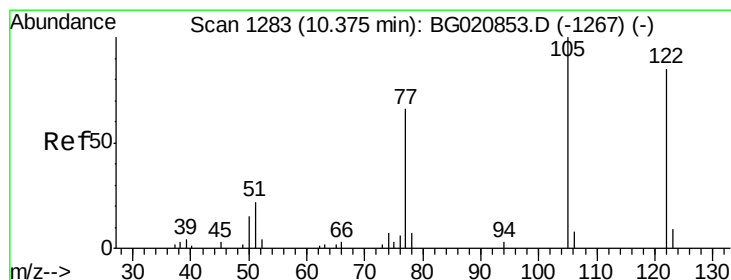
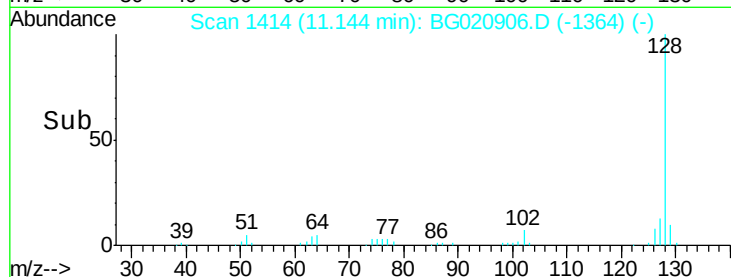
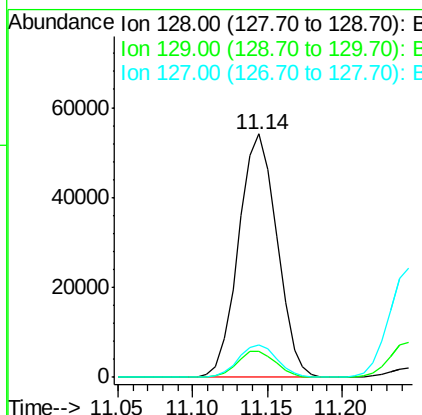
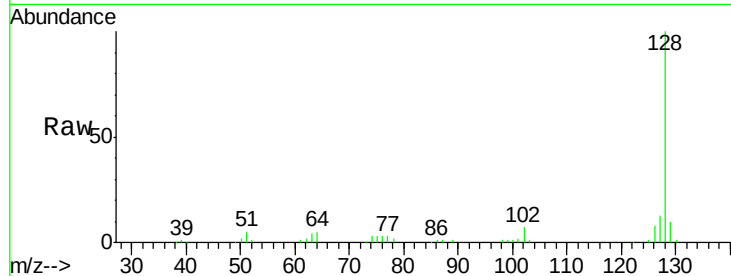




#31
Naphthalene
Concen: 18.29 ng
RT: 11.14 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BG020906.D
Acq: 15 Feb 2016 16:15

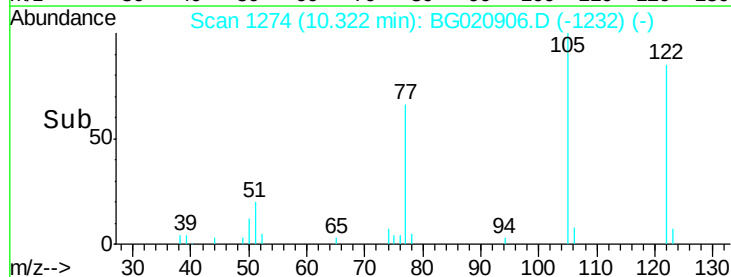
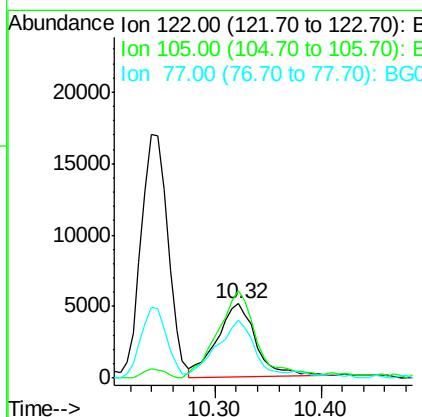
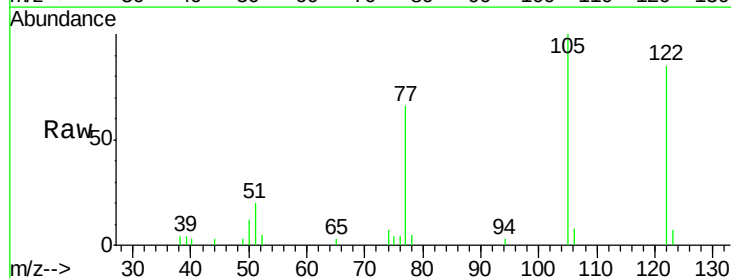
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2016-02

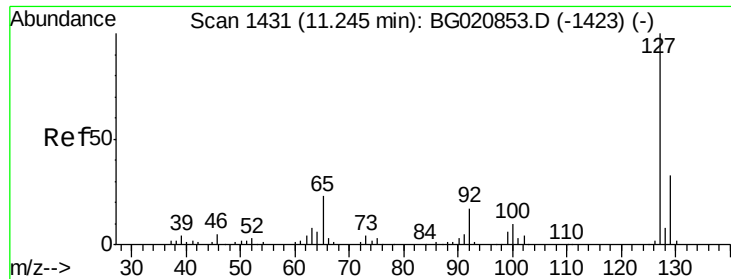
Tgt Ion:128 Resp: 96676
Ion Ratio Lower Upper
128 100
129 10.5 9.3 13.9
127 13.4 11.4 17.2



#32
Benzoic acid
Concen: 10.00 ng
RT: 10.32 min Scan# 1274
Delta R.T. -0.05 min
Lab File: BG020906.D
Acq: 15 Feb 2016 16:15

Tgt Ion:122 Resp: 13103
Ion Ratio Lower Upper
122 100
105 117.9 94.0 134.0
77 77.9 56.8 96.8

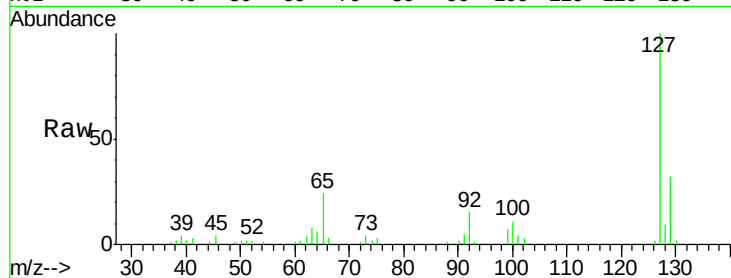




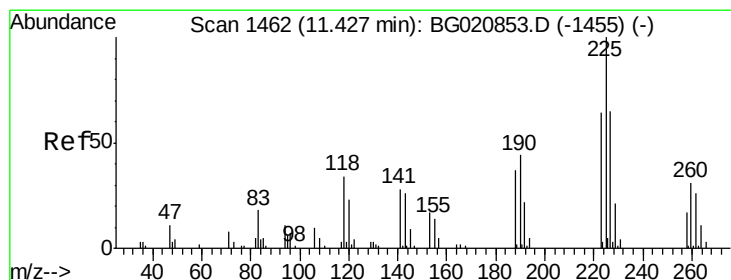
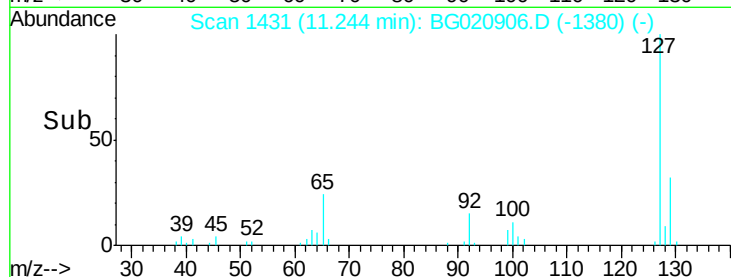
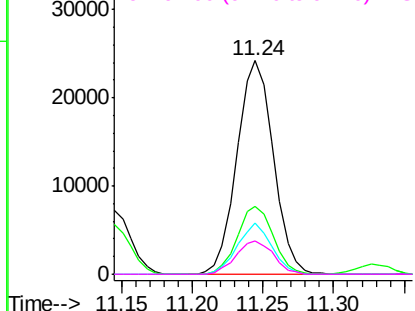
#33
4-Chloroaniline
Concen: 19.23 ng
RT: 11.24 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BG020906.D
Acq: 15 Feb 2016 16:15

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2016-02

Tgt Ion:	127	Resp:	43720
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.2	39.4
65	23.7	18.6	27.8
92	15.4	13.3	19.9

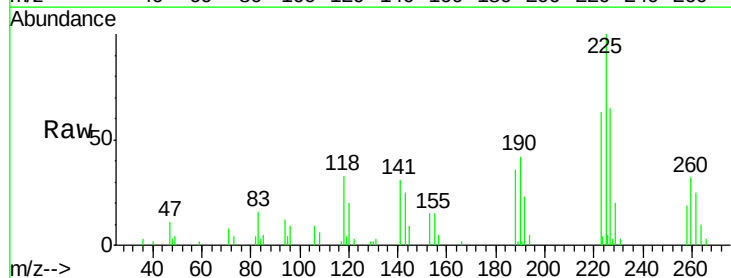


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

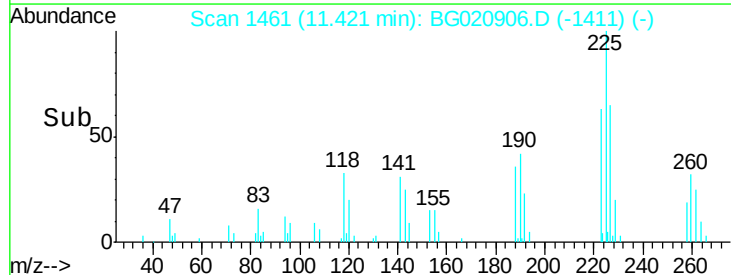
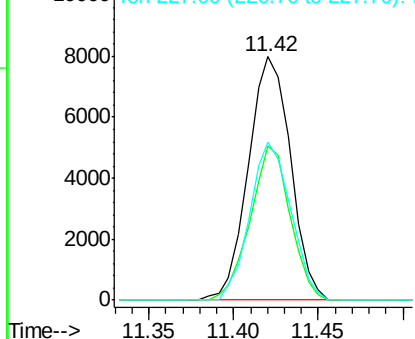


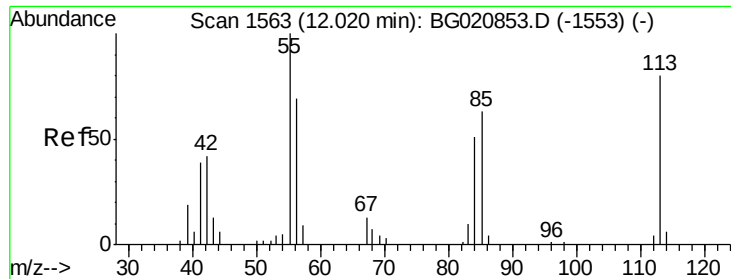
#34
Hexachlorobutadiene
Concen: 18.35 ng
RT: 11.42 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BG020906.D
Acq: 15 Feb 2016 16:15

Tgt Ion:	225	Resp:	13790
Ion	Ratio	Lower	Upper
225	100		
223	63.3	51.0	76.6
227	65.1	51.7	77.5



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 19.91 ng

RT: 12.00 min Scan# 1560

Delta R.T. -0.02 min

Lab File: BG020906.D

Acq: 15 Feb 2016 16:15

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2016-02

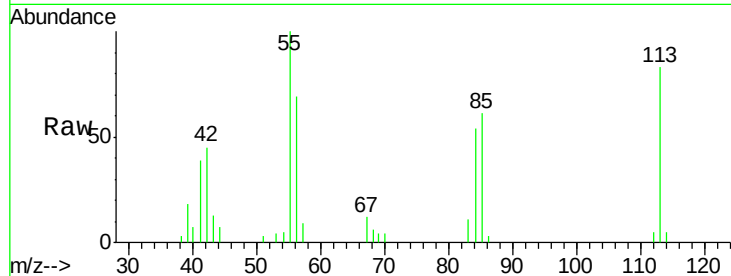
Tgt Ion:113 Resp: 11165

Ion Ratio Lower Upper

113 100

55 120.7 104.4 144.4

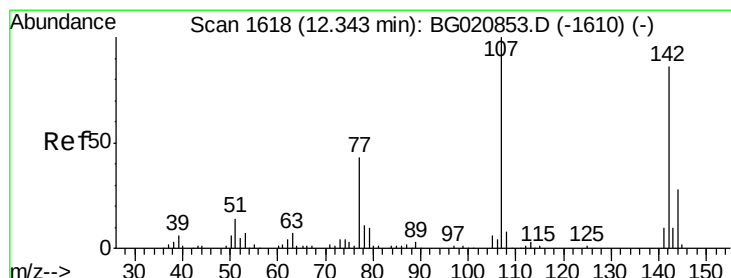
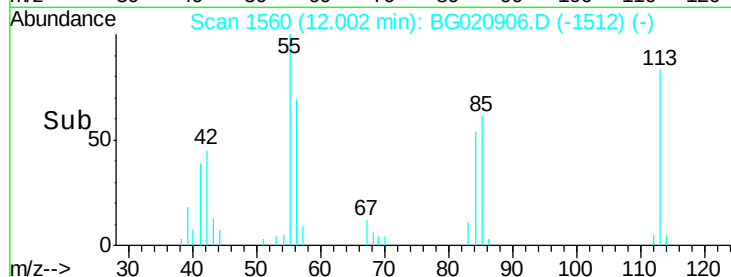
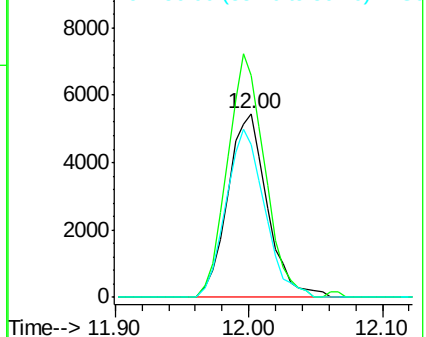
56 83.1 65.4 105.4



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: 18.79 ng

RT: 12.34 min Scan# 1618

Delta R.T. -0.00 min

Lab File: BG020906.D

Acq: 15 Feb 2016 16:15

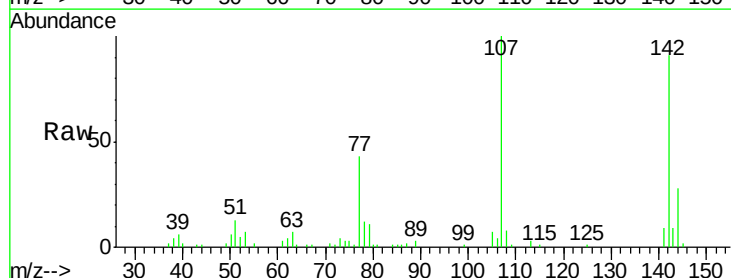
Tgt Ion:107 Resp: 31514

Ion Ratio Lower Upper

107 100

144 28.0 22.4 33.6

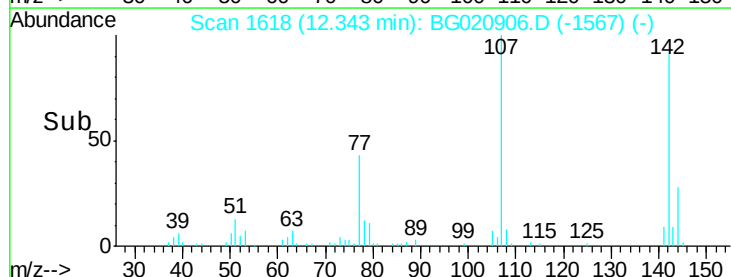
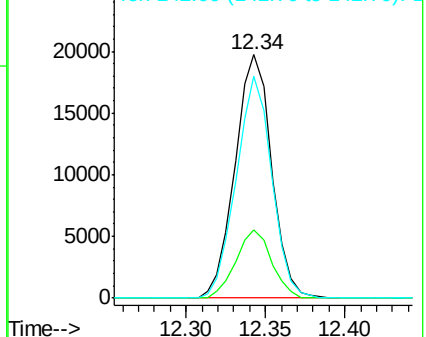
142 91.0 68.6 103.0

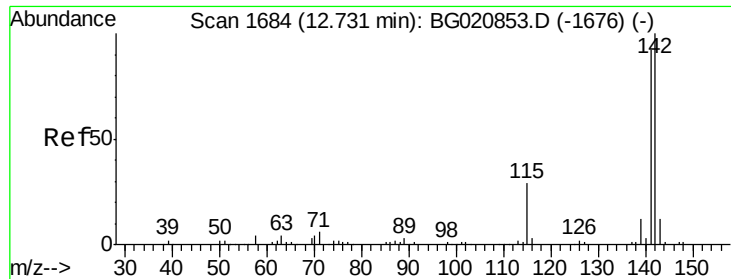


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

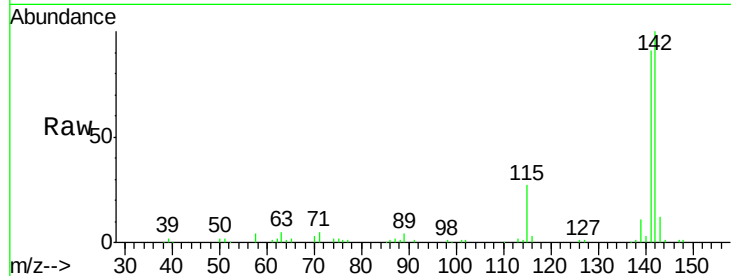




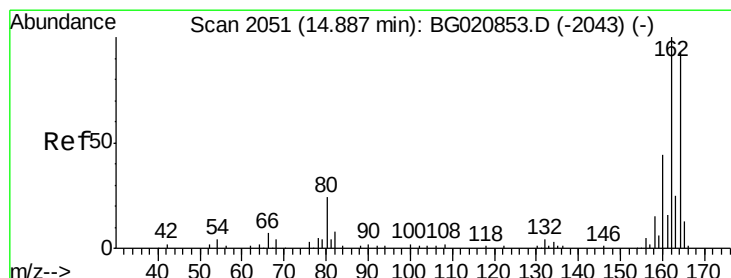
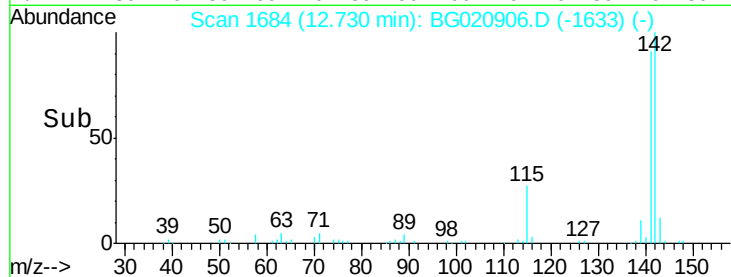
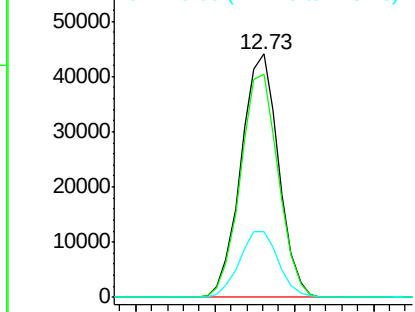
#37
 2-Methylnaphthalene
 Concen: 19.55 ng
 RT: 12.73 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: BG020906.D
 Acq: 15 Feb 2016 16:15

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2016-02

Tgt Ion:142 Resp: 72492
 Ion Ratio Lower Upper
 142 100
 141 91.4 73.4 110.2
 115 26.9 23.0 34.6

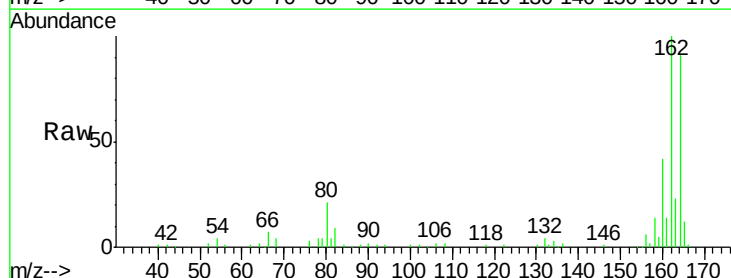


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

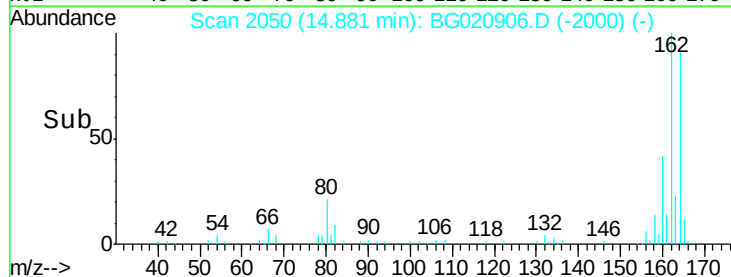
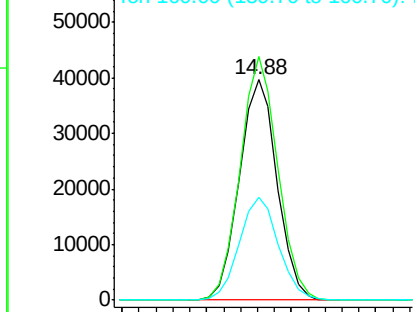


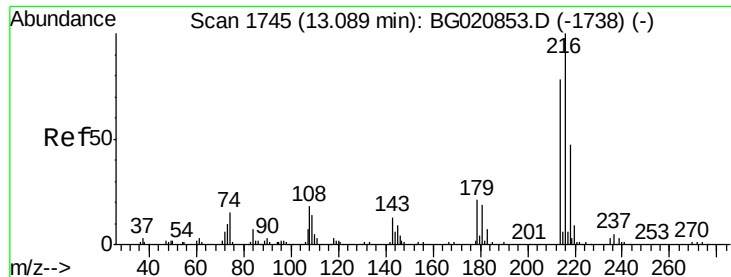
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.88 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BG020906.D
 Acq: 15 Feb 2016 16:15

Tgt Ion:164 Resp: 61473
 Ion Ratio Lower Upper
 164 100
 162 110.5 85.7 128.5
 160 46.7 37.4 56.0



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

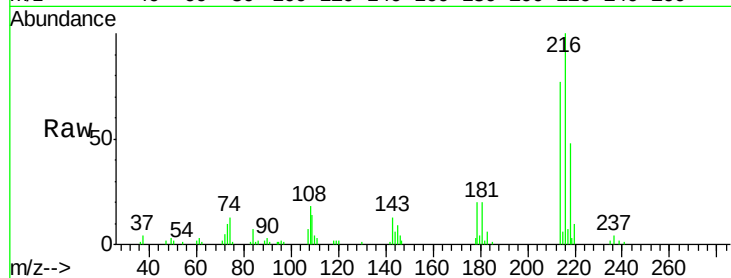




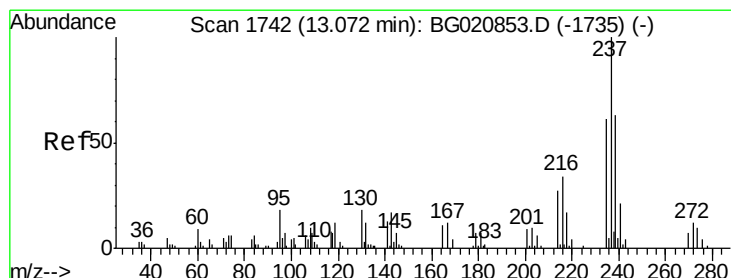
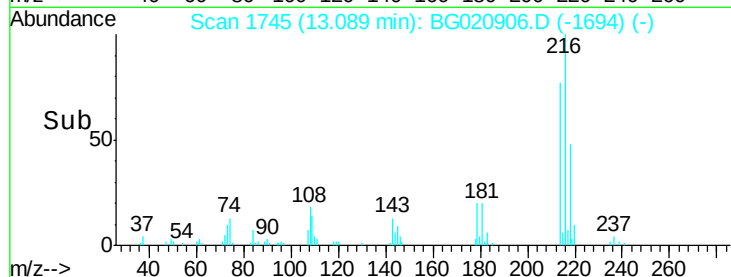
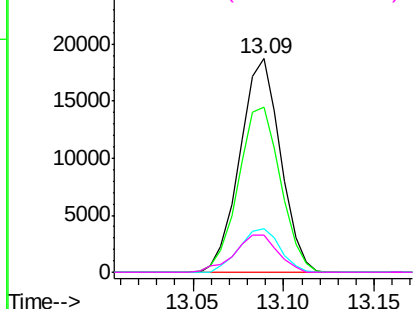
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 16.18 ng
 RT: 13.09 min Scan# 1745
 Delta R.T. -0.00 min
 Lab File: BG020906.D
 Acq: 15 Feb 2016 16:15

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2016-02

Tgt Ion:	216	Resp:	29182
Ion	Ratio	Lower	Upper
216	100		
214	80.3	61.9	92.9
179	20.4	16.5	24.7
108	18.9	15.1	22.7

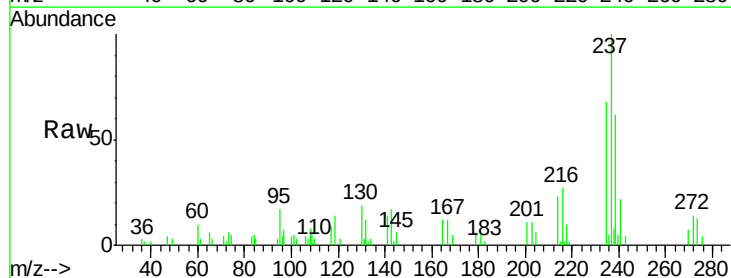


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

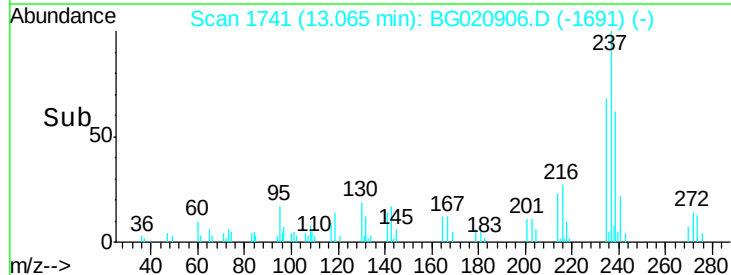
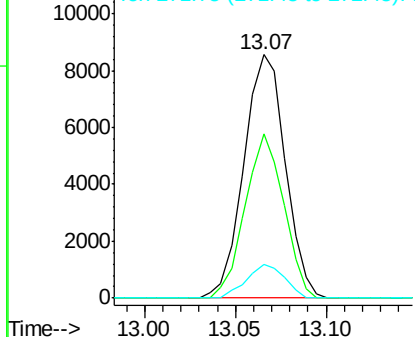


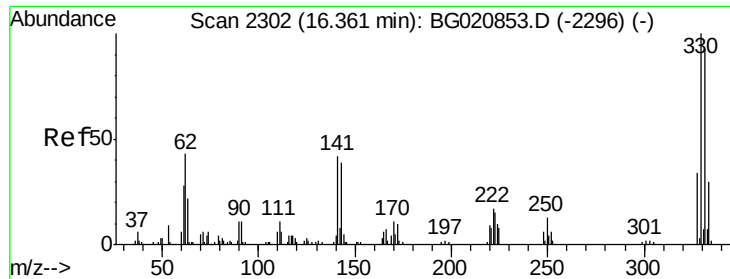
#40
 Hexachlorocyclopentadiene
 Concen: 17.17 ng
 RT: 13.07 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: BG020906.D
 Acq: 15 Feb 2016 16:15

Tgt Ion:	237	Resp:	13618
Ion	Ratio	Lower	Upper
237	100		
235	67.6	40.8	80.8
272	13.6	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

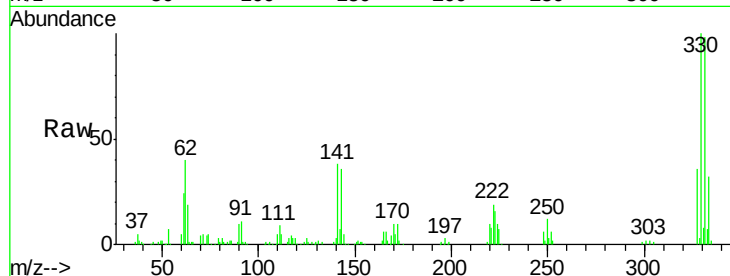




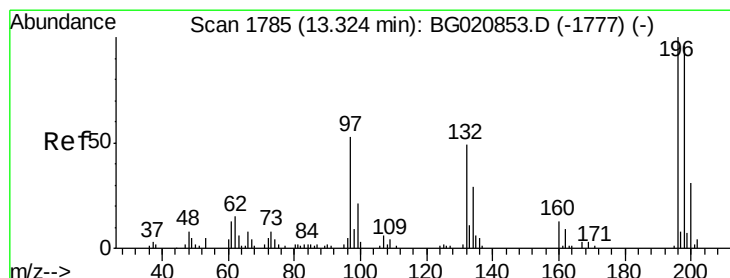
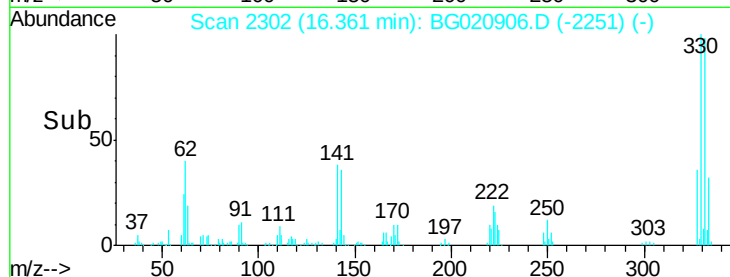
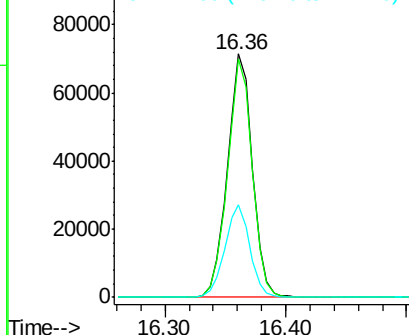
#41
 2,4,6-Tribromophenol
 Concen: 169.55 ng
 RT: 16.36 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: BG020906.D
 Acq: 15 Feb 2016 16:15

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2016-02

Tgt Ion:330 Resp: 102499
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.1 114.1
 141 37.7 32.0 48.0

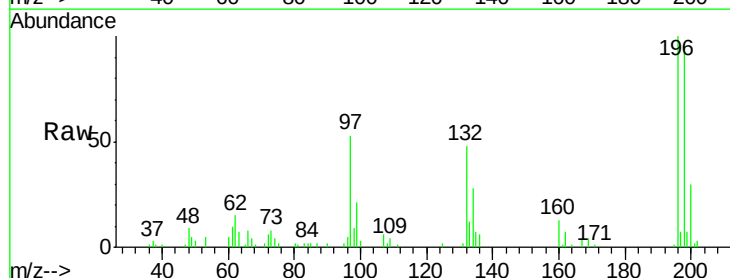


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

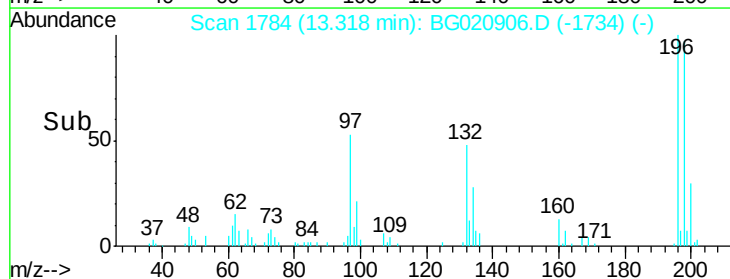
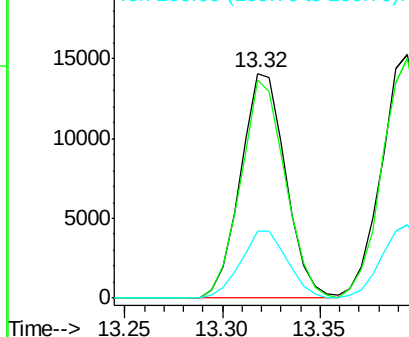


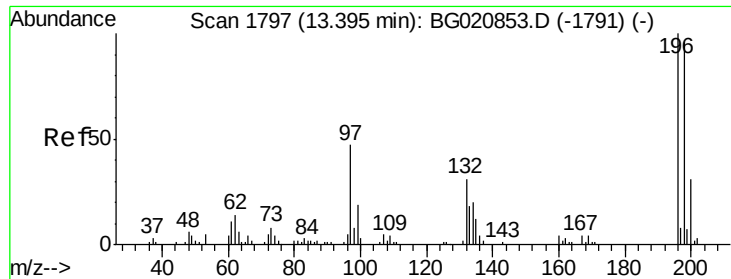
#42
 2,4,6-Trichlorophenol
 Concen: 18.65 ng
 RT: 13.32 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: BG020906.D
 Acq: 15 Feb 2016 16:15

Tgt Ion:196 Resp: 22595
 Ion Ratio Lower Upper
 196 100
 198 97.1 77.1 115.7
 200 29.6 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

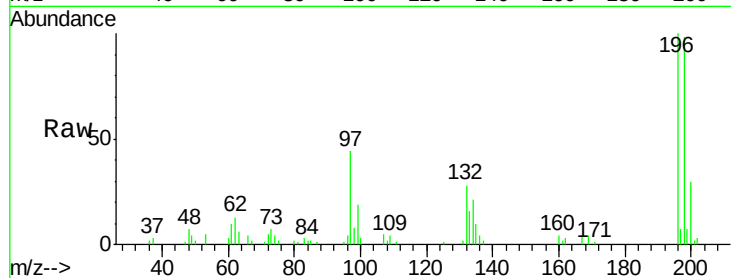




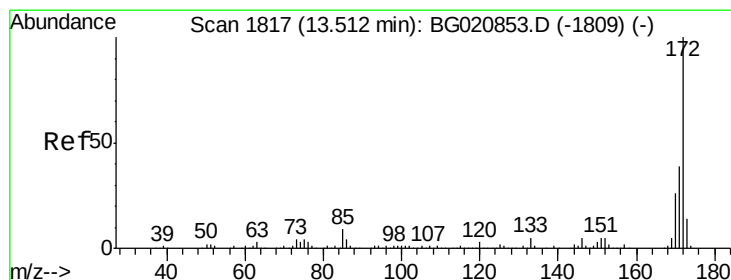
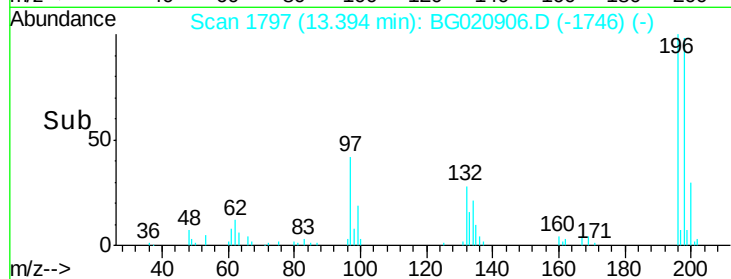
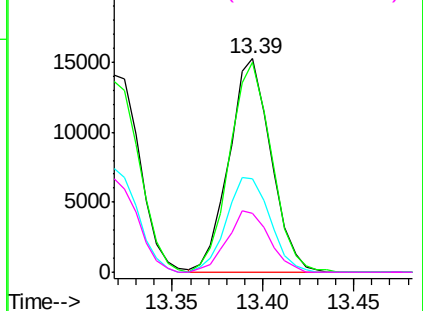
#43
 2,4,5-Trichlorophenol
 Concen: 19.31 ng
 RT: 13.39 min Scan# 1797
 Delta R.T. -0.00 min
 Lab File: BG020906.D
 Acq: 15 Feb 2016 16:15

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2016-02

Tgt Ion:196 Resp: 24591
 Ion Ratio Lower Upper
 196 100
 198 98.5 76.4 114.6
 97 43.7 37.4 56.0
 132 27.6 24.7 37.1

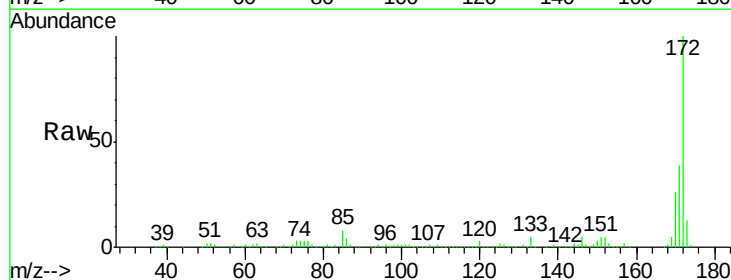


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

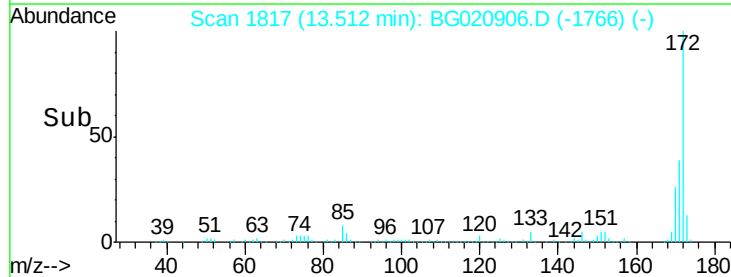
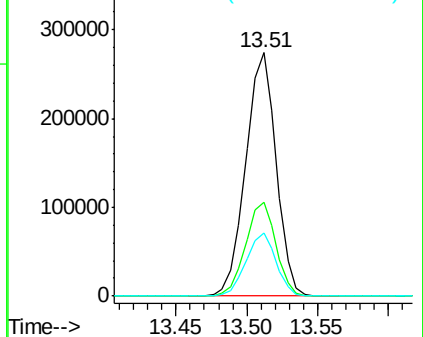


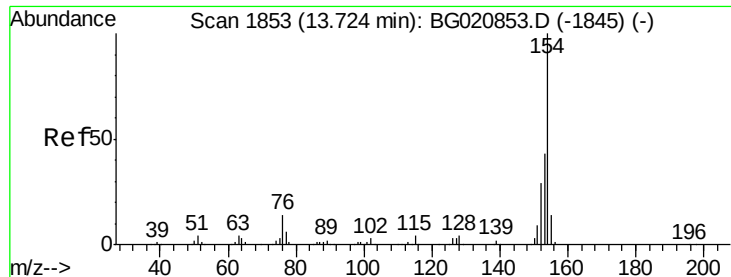
#44
 2-Fluorobiphenyl
 Concen: 94.65 ng
 RT: 13.51 min Scan# 1817
 Delta R.T. -0.00 min
 Lab File: BG020906.D
 Acq: 15 Feb 2016 16:15

Tgt Ion:172 Resp: 414212
 Ion Ratio Lower Upper
 172 100
 171 38.8 31.2 46.8
 170 25.8 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: 16.43 ng

RT: 13.72 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BG020906.D

Acq: 15 Feb 2016 16:15

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2016-02

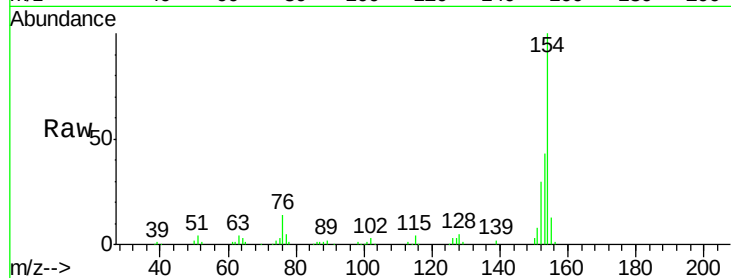
Tgt Ion:154 Resp: 89104

Ion Ratio Lower Upper

154 100

153 43.4 22.5 62.5

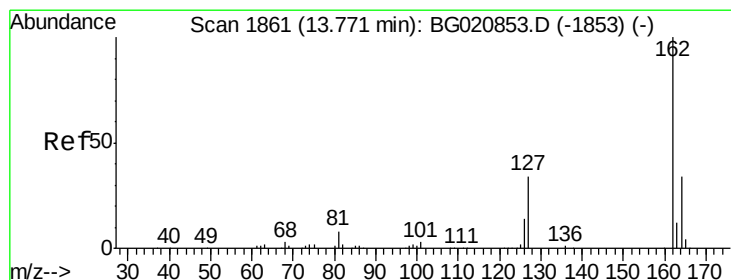
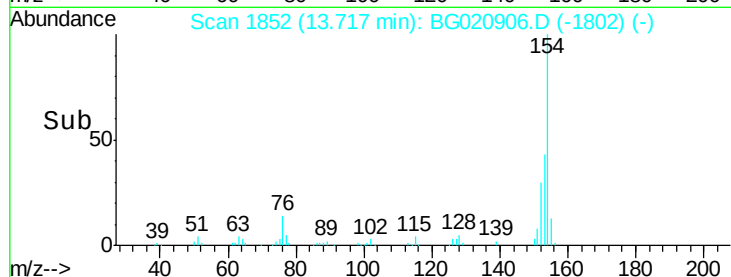
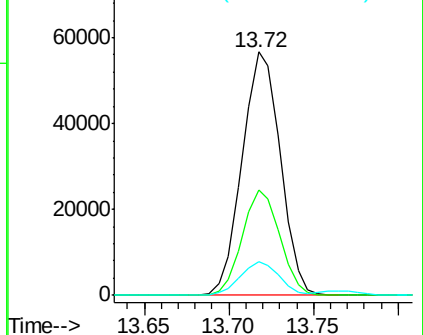
76 13.8 0.0 33.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 17.75 ng

RT: 13.76 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BG020906.D

Acq: 15 Feb 2016 16:15

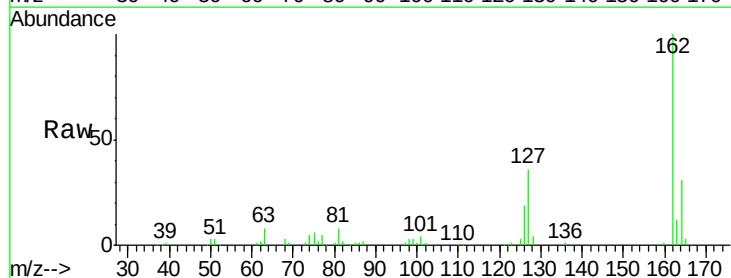
Tgt Ion:162 Resp: 68899

Ion Ratio Lower Upper

162 100

127 36.5 30.6 45.8

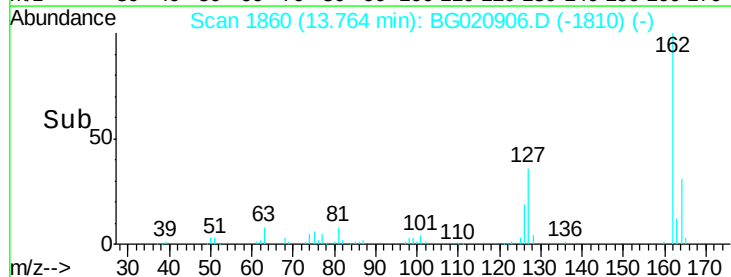
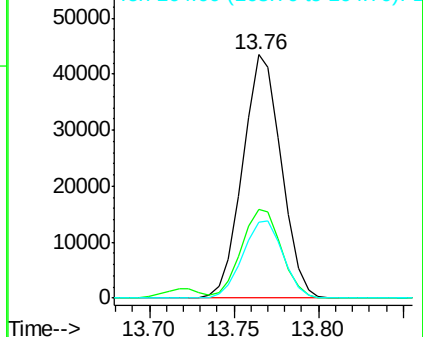
164 31.0 26.8 40.2

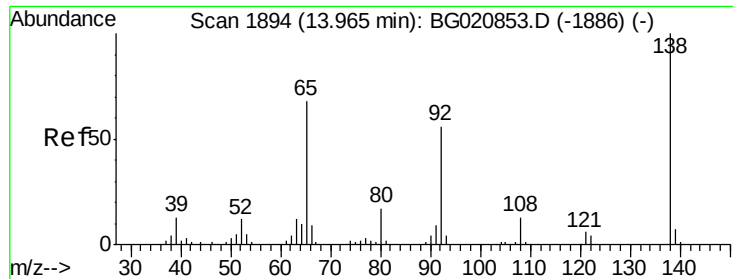


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

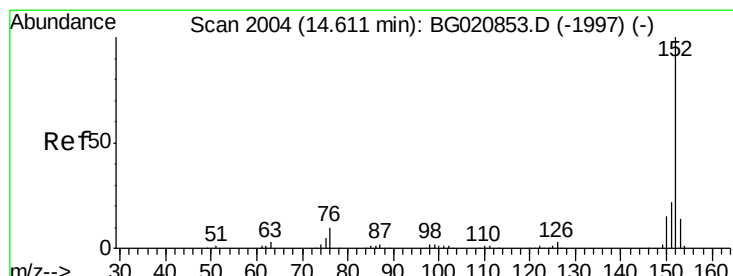
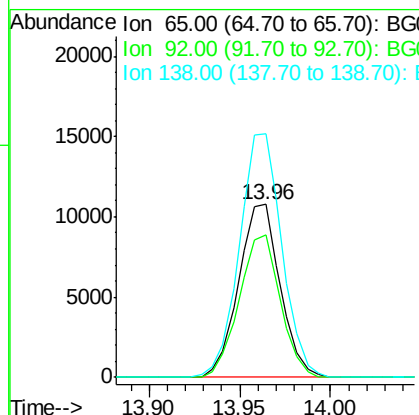
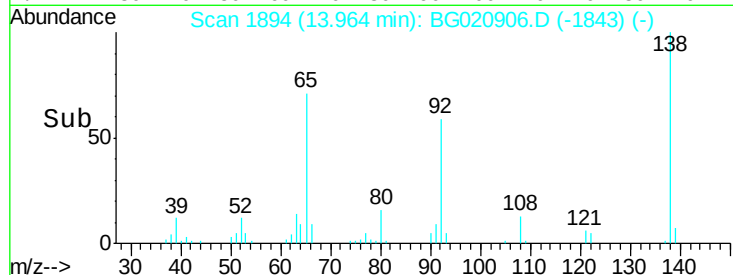
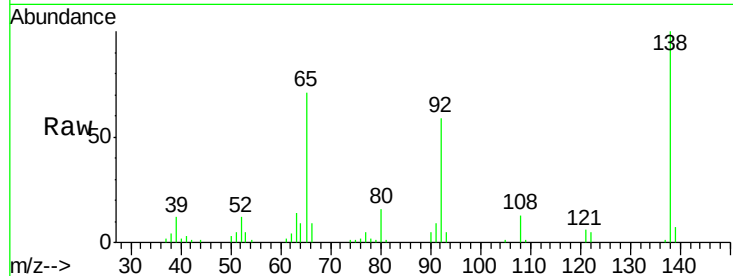




#47
 2-Nitroaniline
 Concen: 18.47 ng
 RT: 13.96 min Scan# 1894
 Delta R.T. -0.00 min
 Lab File: BG020906.D
 Acq: 15 Feb 2016 16:15

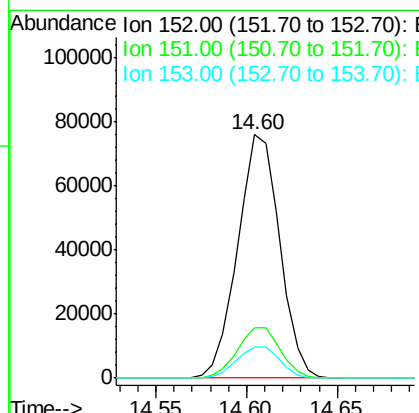
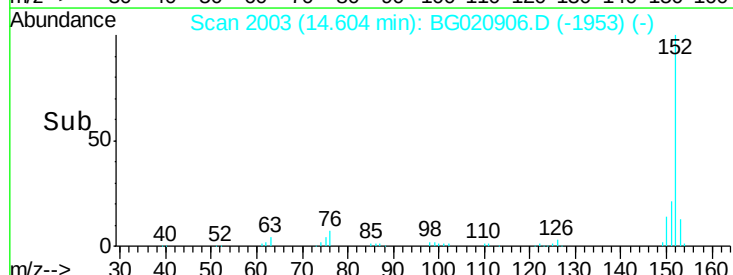
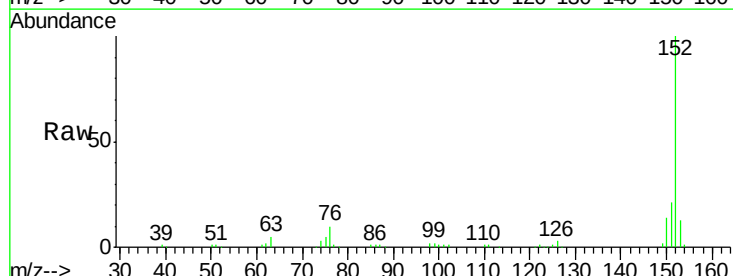
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2016-02

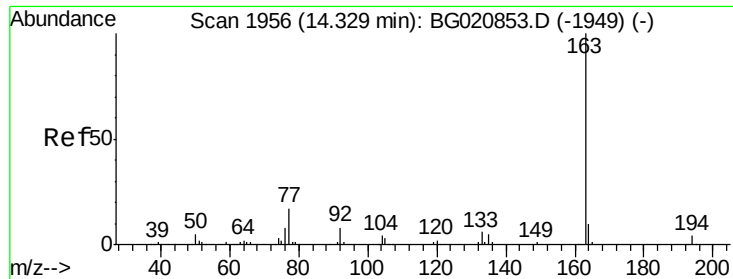
Tgt Ion:	65	Resp:	17172
Ion	Ratio	Lower	Upper
65	100		
92	82.6	65.8	98.8
138	140.7	117.1	175.7



#48
 Acenaphthylene
 Concen: 18.15 ng
 RT: 14.60 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BG020906.D
 Acq: 15 Feb 2016 16:15

Tgt Ion:	152	Resp:	122548
Ion	Ratio	Lower	Upper
152	100		
151	20.7	17.5	26.3
153	12.6	10.9	16.3





#49

Dimethylphthalate

Concen: 18.65 ng

RT: 14.32 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG020906.D

Acq: 15 Feb 2016 16:15

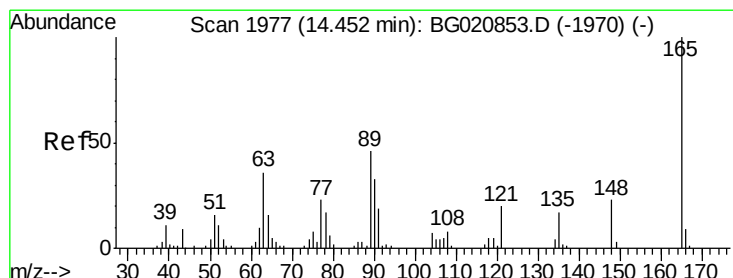
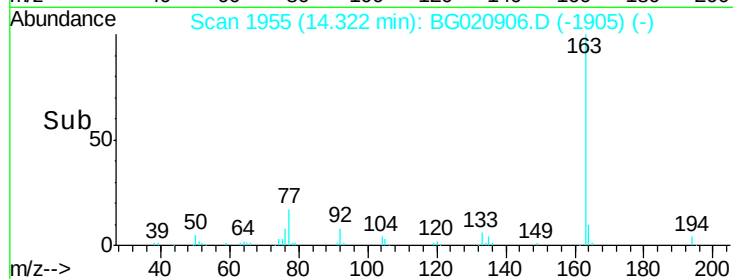
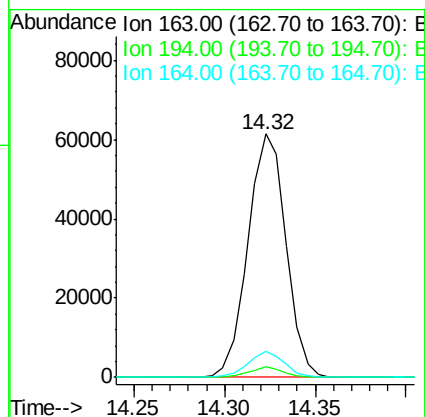
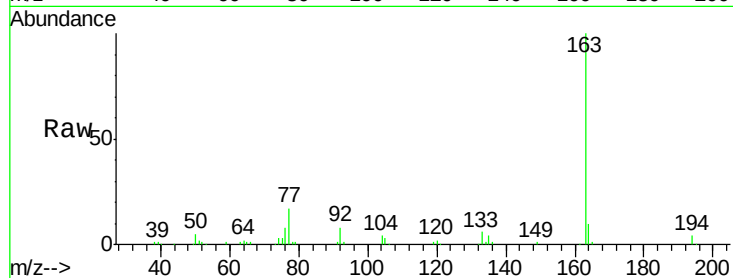
Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2016-02

Tgt Ion:	163	Resp:	89639
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.1	4.7
164	10.5	8.3	12.5



#50

2,6-Dinitrotoluene

Concen: 18.59 ng

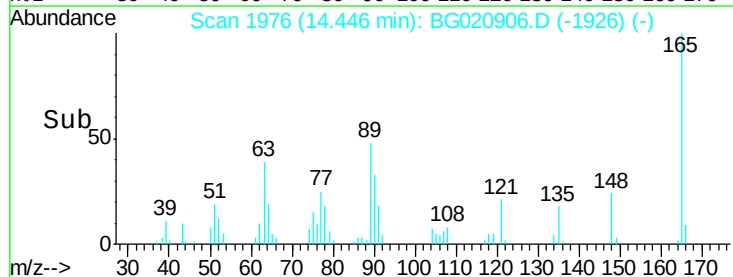
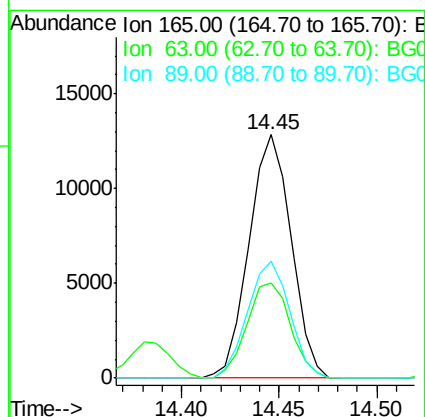
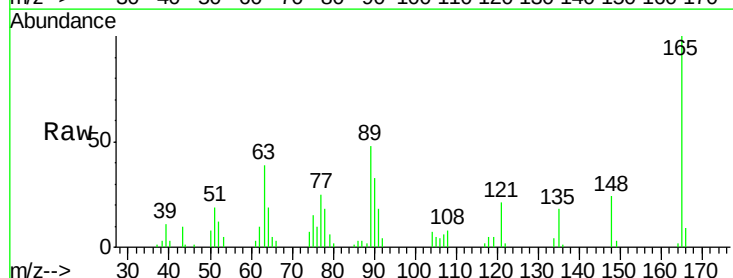
RT: 14.45 min Scan# 1976

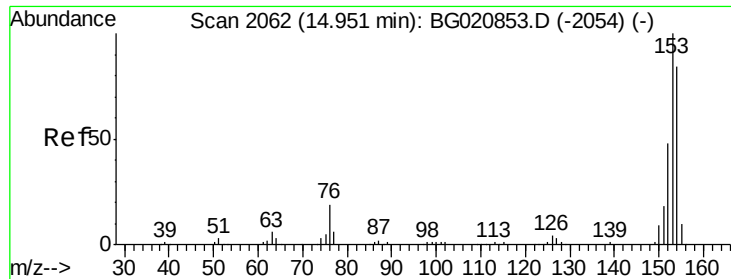
Delta R.T. -0.01 min

Lab File: BG020906.D

Acq: 15 Feb 2016 16:15

Tgt Ion:	165	Resp:	19151
Ion Ratio	Lower	Upper	
165	100		
63	39.1	30.3	45.5
89	48.1	36.9	55.3





#51

Acenaphthene

Concen: 17.84 ng

RT: 14.95 min Scan# 2061

Delta R.T. -0.01 min

Lab File: BG020906.D

Acq: 15 Feb 2016 16:15

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2016-02

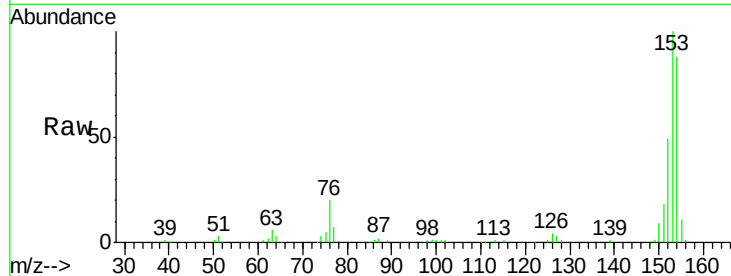
Tgt Ion:154 Resp: 73046

Ion Ratio Lower Upper

154 100

153 114.2 95.4 143.0

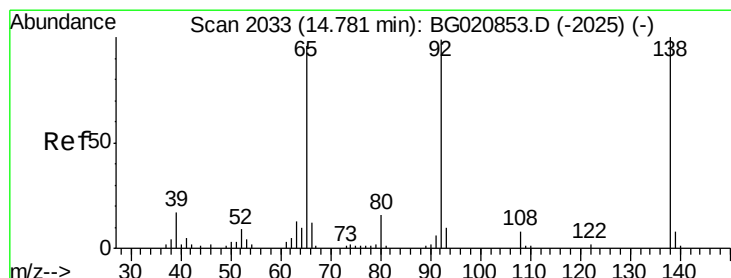
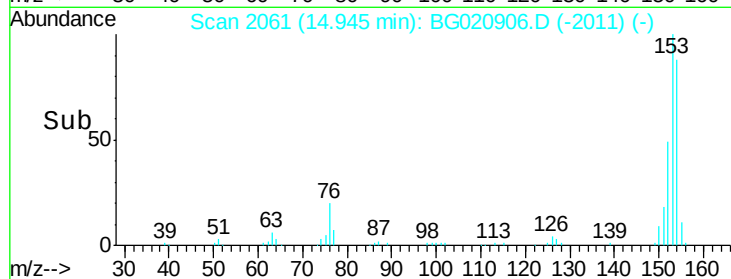
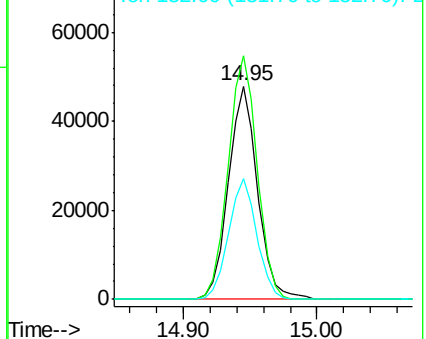
152 56.4 46.1 69.1



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: 19.79 ng

RT: 14.77 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BG020906.D

Acq: 15 Feb 2016 16:15

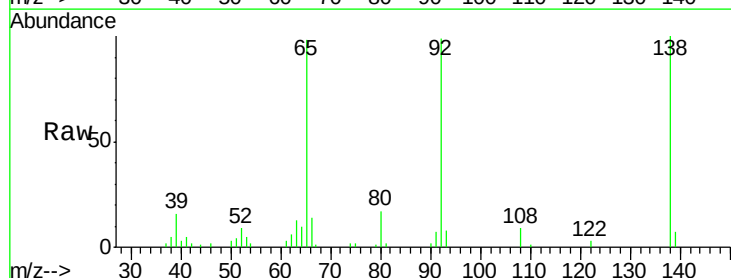
Tgt Ion:138 Resp: 23683

Ion Ratio Lower Upper

138 100

108 8.7 6.2 9.2

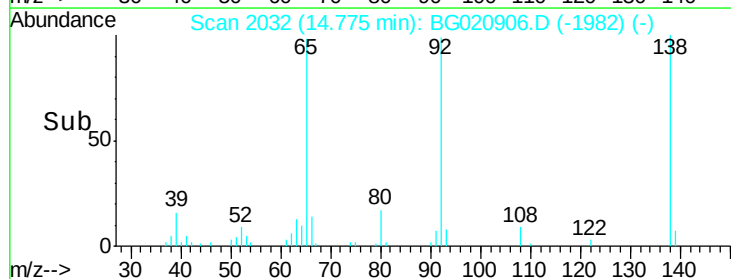
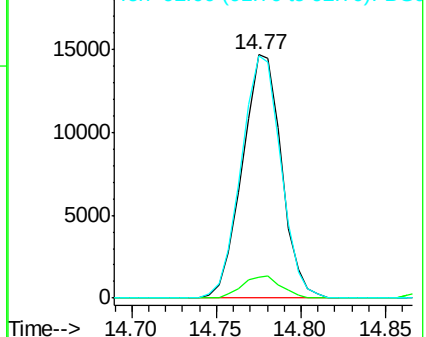
92 99.5 79.5 119.3

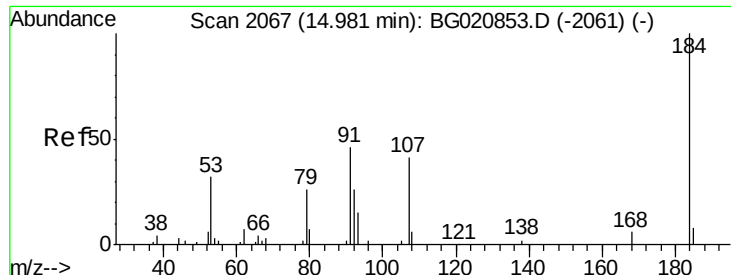


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#53

2,4-Dinitrophenol

Concen: 16.55 ng

RT: 14.98 min Scan# 2067

Delta R.T. 0.00 min

Lab File: BG020906.D

Acq: 15 Feb 2016 16:15

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2016-02

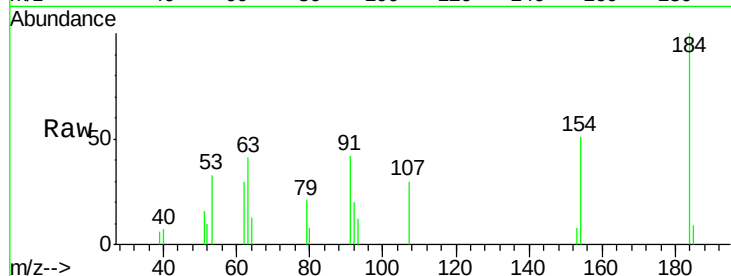
Tgt Ion:184 Resp: 3969

Ion Ratio Lower Upper

184 100

63 40.9 39.8 59.6

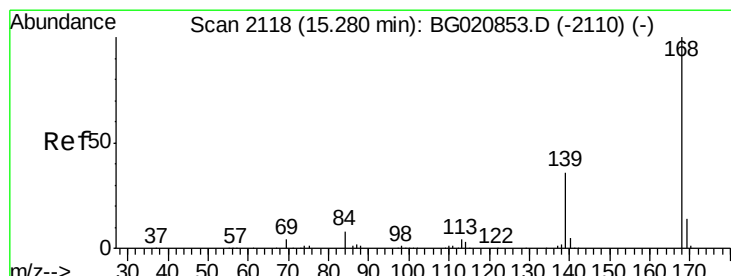
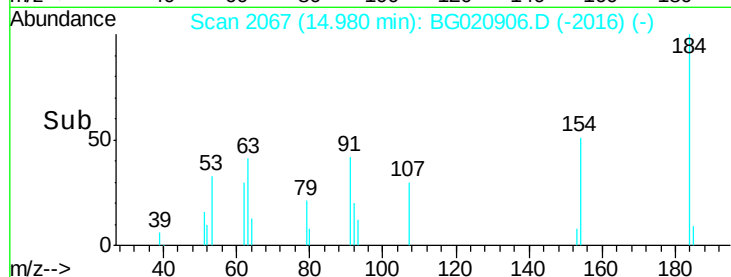
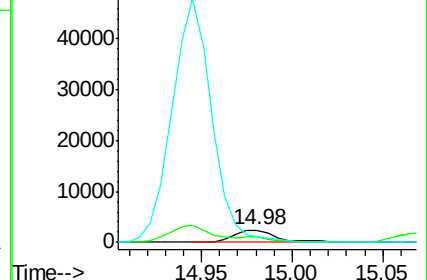
154 50.5 48.1 72.1



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 20.63 ng

RT: 15.27 min Scan# 2117

Delta R.T. -0.01 min

Lab File: BG020906.D

Acq: 15 Feb 2016 16:15

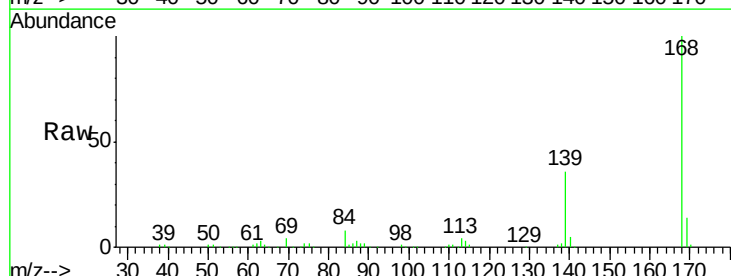
Tgt Ion:168 Resp: 111680

Ion Ratio Lower Upper

168 100

139 35.8 28.5 42.7

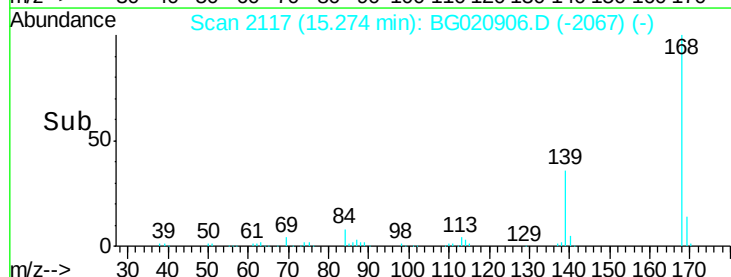
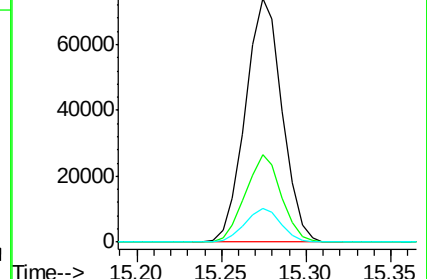
169 13.6 11.0 16.4

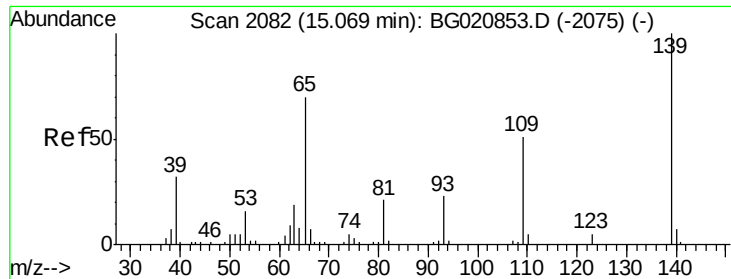


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

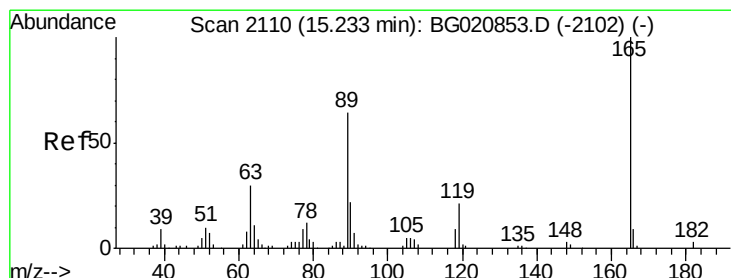
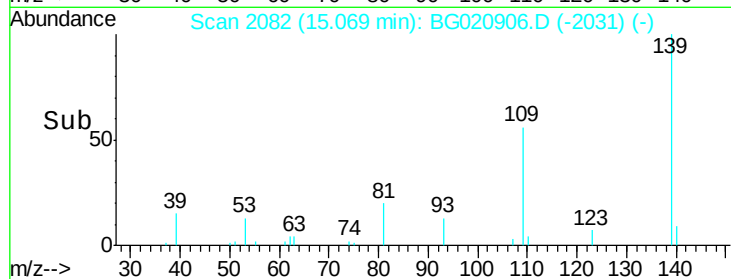
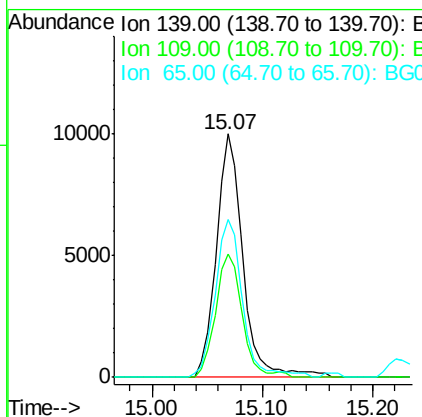
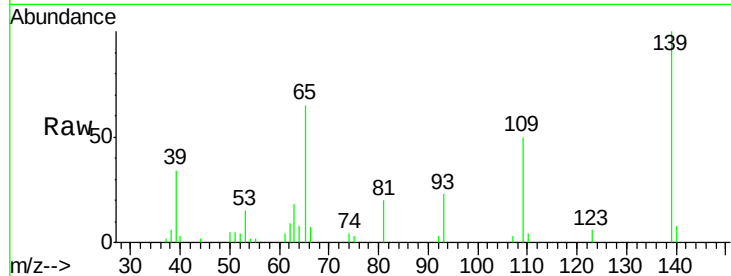




#55
4-Nitrophenol
Concen: 18.42 ng
RT: 15.07 min Scan# 2082
Delta R.T. -0.00 min
Lab File: BG020906.D
Acq: 15 Feb 2016 16:15

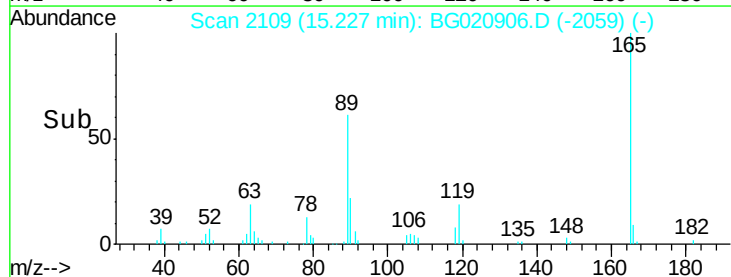
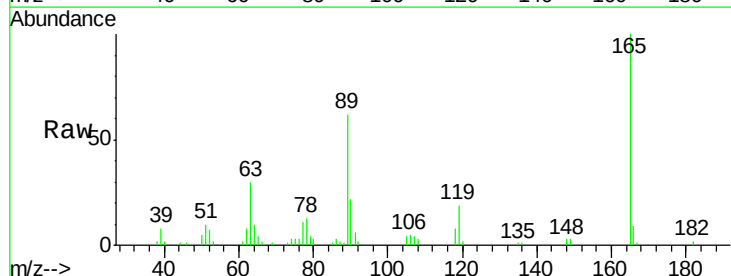
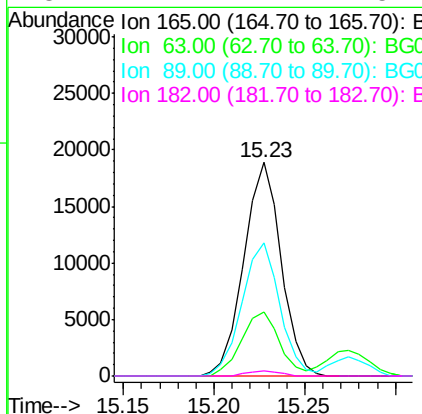
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2016-02

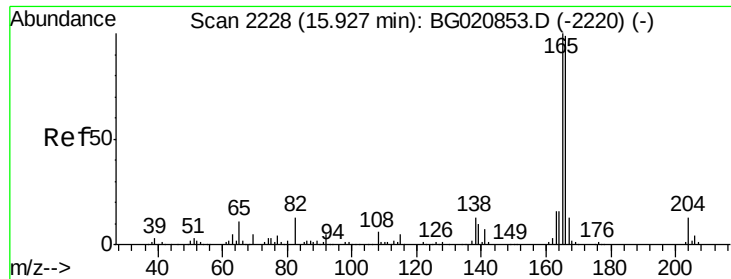
Tgt Ion:139 Resp: 16649
Ion Ratio Lower Upper
139 100
109 50.4 31.0 71.0
65 64.6 49.6 89.6



#56
2,4-Dinitrotoluene
Concen: 20.27 ng
RT: 15.23 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BG020906.D
Acq: 15 Feb 2016 16:15

Tgt Ion:165 Resp: 26986
Ion Ratio Lower Upper
165 100
63 30.1 23.7 35.5
89 62.2 50.9 76.3
182 2.2 2.2 3.2

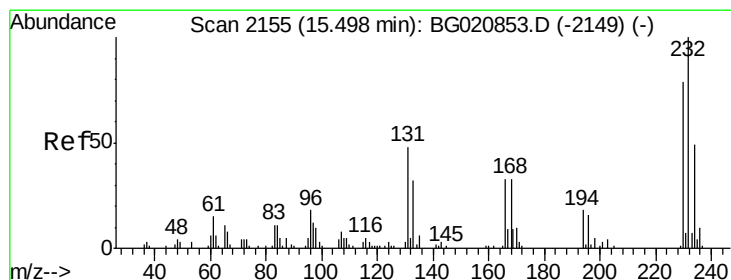
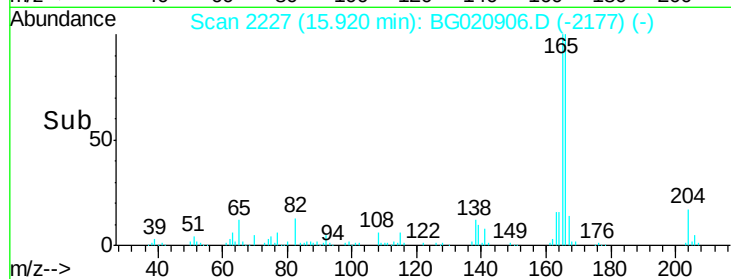
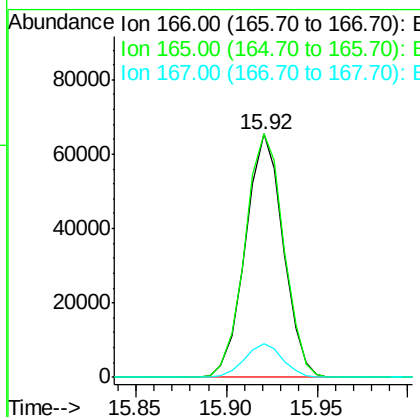
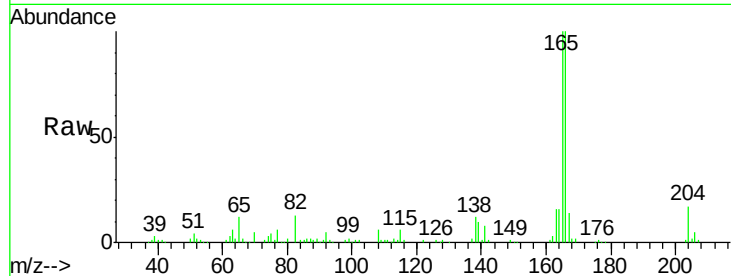




#57
 Fluorene
 Concen: 18.94 ng
 RT: 15.92 min Scan# 2227
 Delta R.T. -0.01 min
 Lab File: BG020906.D
 Acq: 15 Feb 2016 16:15

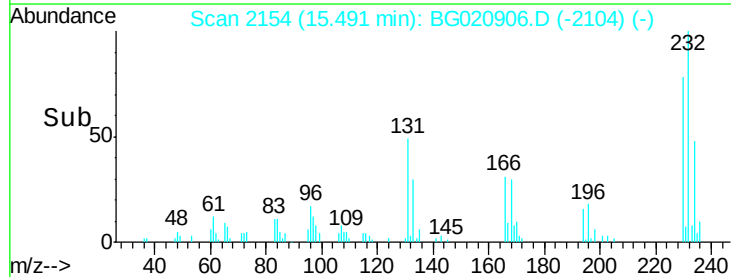
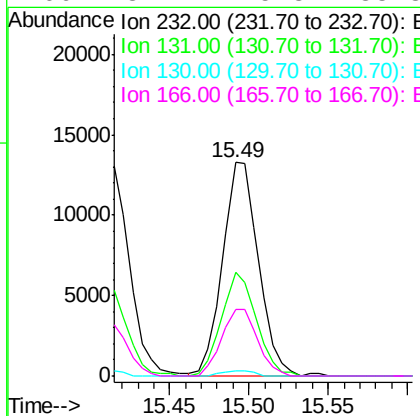
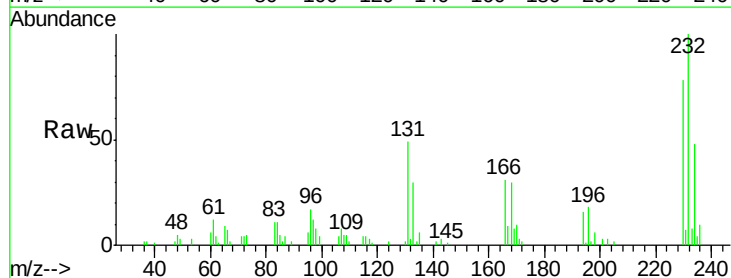
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2016-02

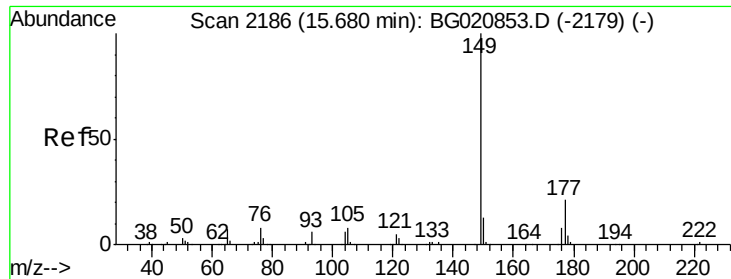
Tgt Ion:166 Resp: 94442
 Ion Ratio Lower Upper
 166 100
 165 100.0 81.0 121.4
 167 13.9 10.8 16.2



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 21.47 ng
 RT: 15.49 min Scan# 2154
 Delta R.T. -0.01 min
 Lab File: BG020906.D
 Acq: 15 Feb 2016 16:15

Tgt Ion:232 Resp: 20834
 Ion Ratio Lower Upper
 232 100
 131 47.2 39.2 58.8
 130 2.2 2.0 3.0
 166 31.1 25.8 38.8





#59

Diethylphthalate

Concen: 19.13 ng

RT: 15.67 min Scan# 2185

Delta R.T. -0.01 min

Lab File: BG020906.D

Acq: 15 Feb 2016 16:15

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2016-02

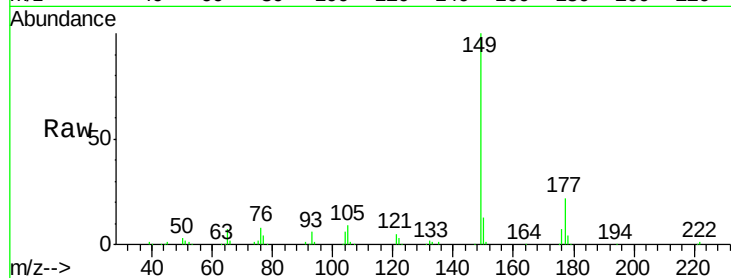
Tgt Ion:149 Resp: 94539

Ion Ratio Lower Upper

149 100

177 22.2 16.9 25.3

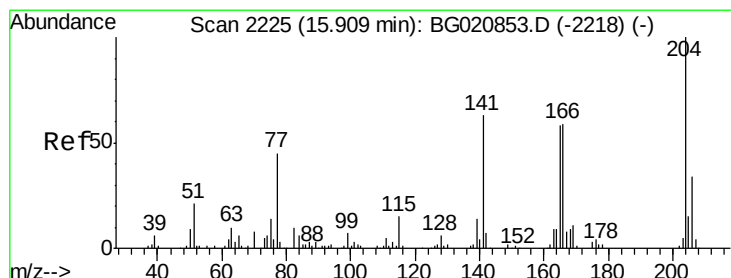
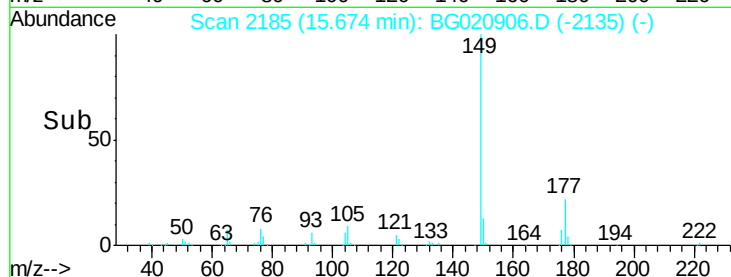
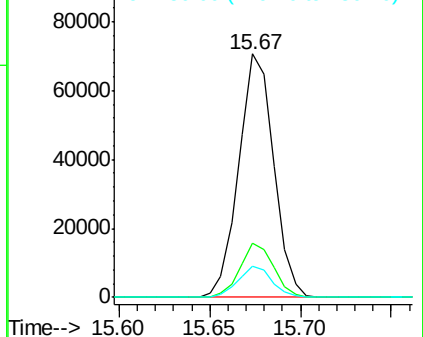
150 12.6 10.1 15.1



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: 18.33 ng

RT: 15.91 min Scan# 2225

Delta R.T. -0.00 min

Lab File: BG020906.D

Acq: 15 Feb 2016 16:15

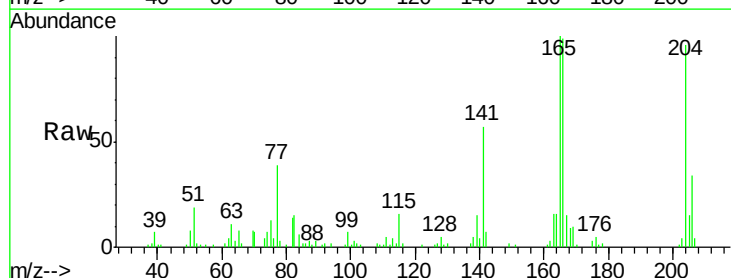
Tgt Ion:204 Resp: 40597

Ion Ratio Lower Upper

204 100

206 35.4 26.9 40.3

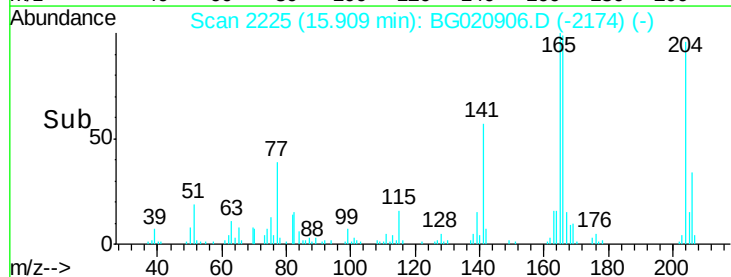
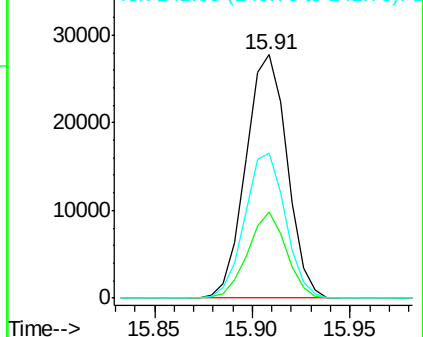
141 59.6 50.3 75.5

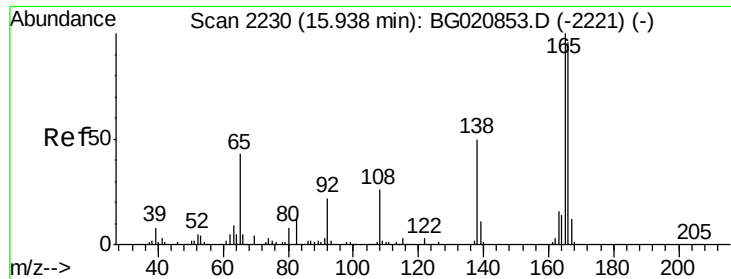


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

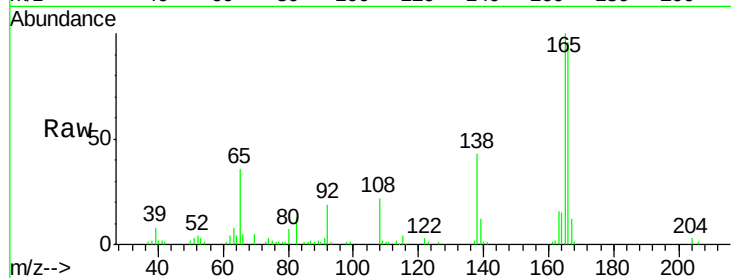




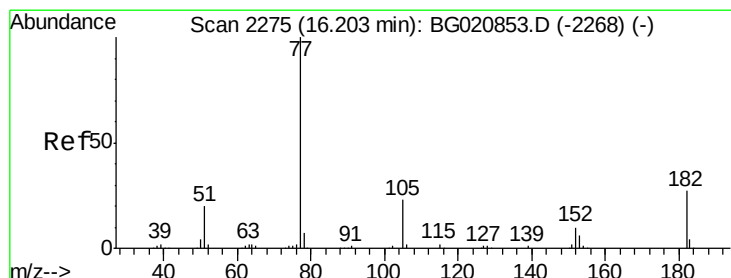
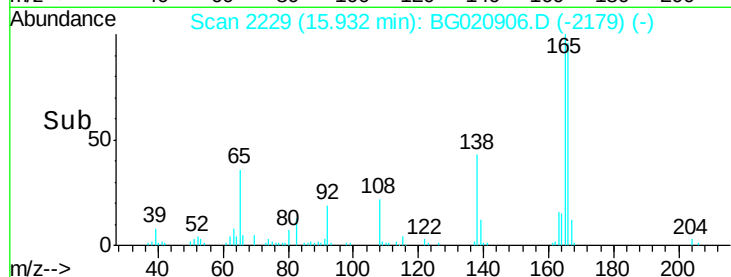
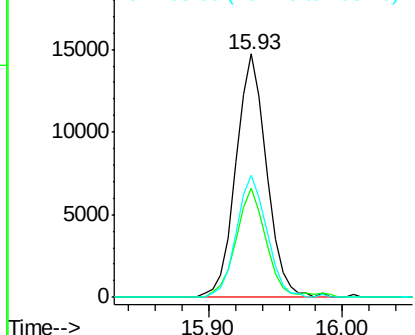
#61
4-Nitroaniline
Concen: 19.53 ng
RT: 15.93 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BG020906.D
Acq: 15 Feb 2016 16:15

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2016-02

Tgt Ion: 138 Resp: 23469
Ion Ratio Lower Upper
138 100
92 44.9 24.1 64.1
108 50.1 32.4 72.4

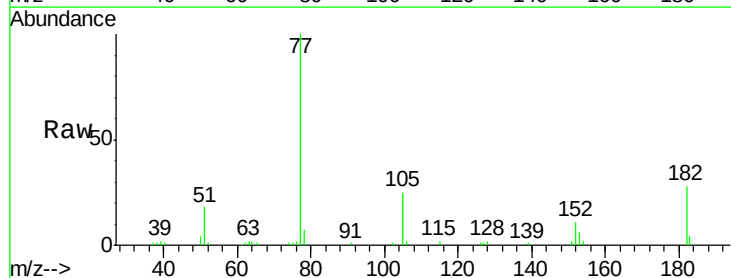


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

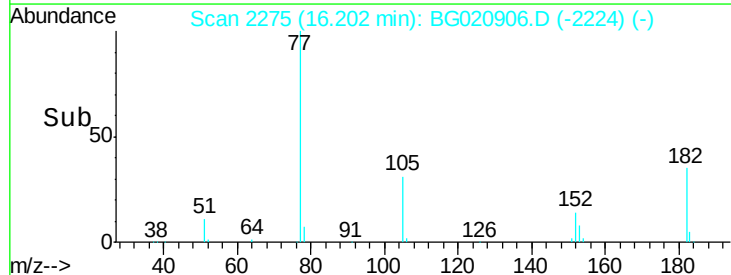
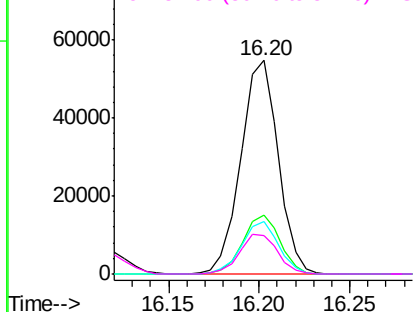


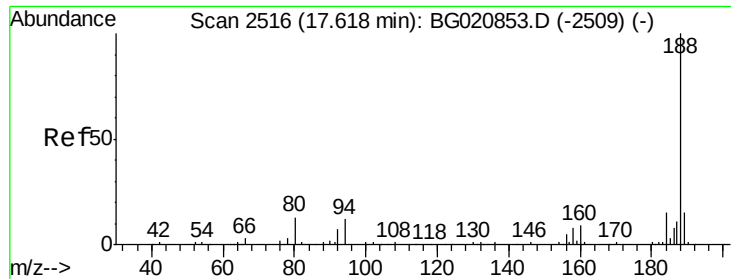
#62
Azobenzene
Concen: 20.19 ng
RT: 16.20 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BG020906.D
Acq: 15 Feb 2016 16:15

Tgt Ion: 77 Resp: 78444
Ion Ratio Lower Upper
77 100
182 27.6 6.8 46.8
105 24.6 3.4 43.4
51 18.2 0.0 39.9



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

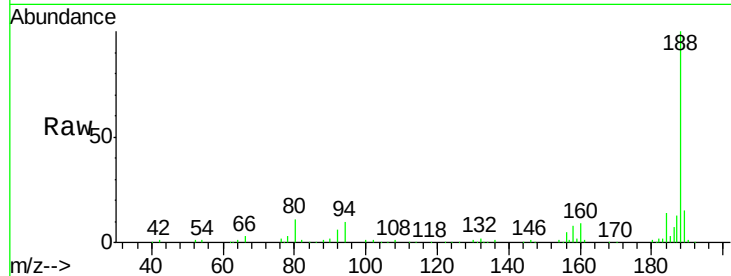




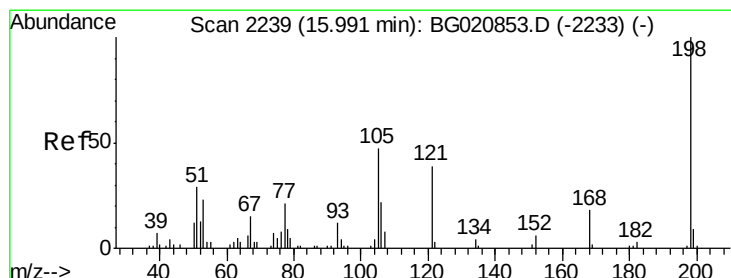
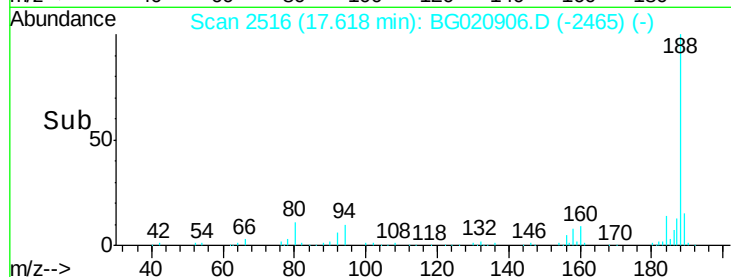
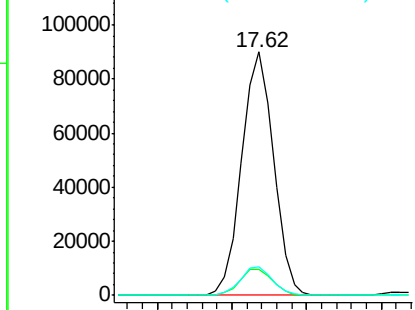
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.62 min Scan# 2516
Delta R.T. -0.00 min
Lab File: BG020906.D
Acq: 15 Feb 2016 16:15

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2016-02

Tgt Ion:188 Resp: 133051
Ion Ratio Lower Upper
188 100
94 10.5 9.4 14.0
80 11.5 10.2 15.4

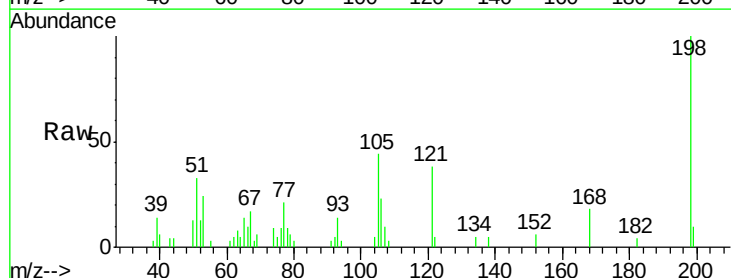


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

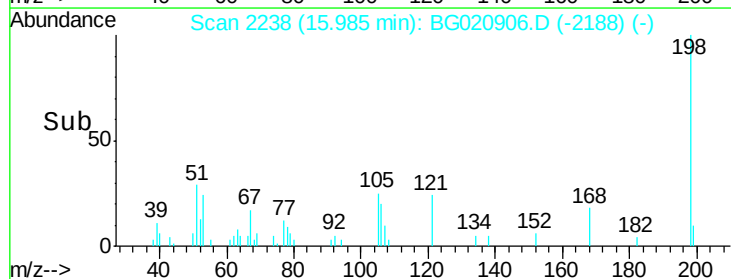
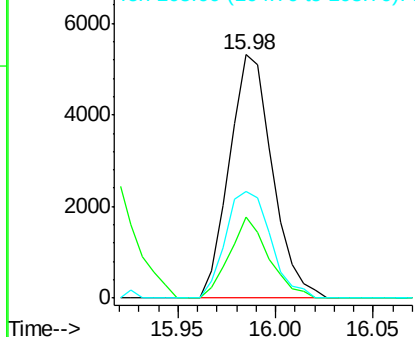


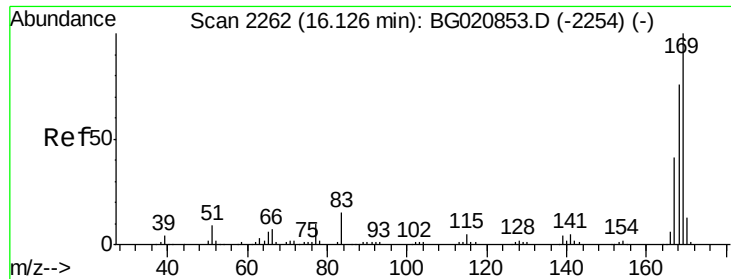
#64
4,6-Dinitro-2-methylphenol
Concen: 16.14 ng
RT: 15.98 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BG020906.D
Acq: 15 Feb 2016 16:15

Tgt Ion:198 Resp: 8114
Ion Ratio Lower Upper
198 100
51 33.2 10.6 50.6
105 43.7 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

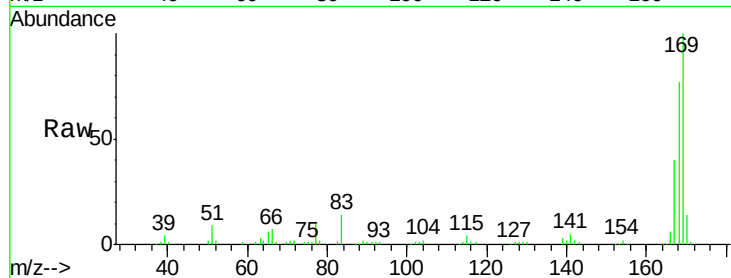




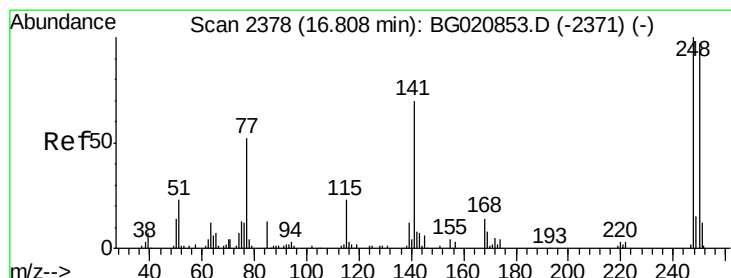
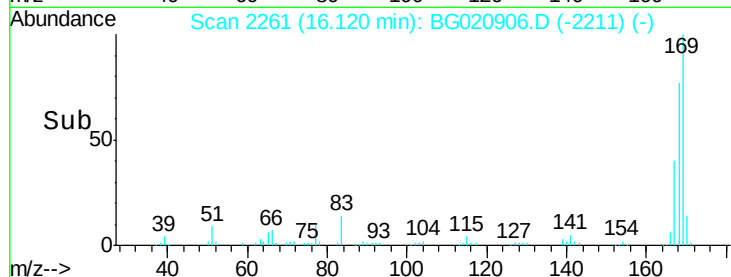
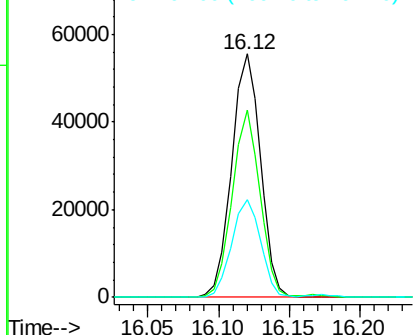
#65
n-Nitrosodiphenylamine
Concen: 18.43 ng
RT: 16.12 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BG020906.D
Acq: 15 Feb 2016 16:15

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2016-02

Tgt Ion:169 Resp: 79205
Ion Ratio Lower Upper
169 100
168 76.8 60.7 91.1
167 40.2 32.8 49.2

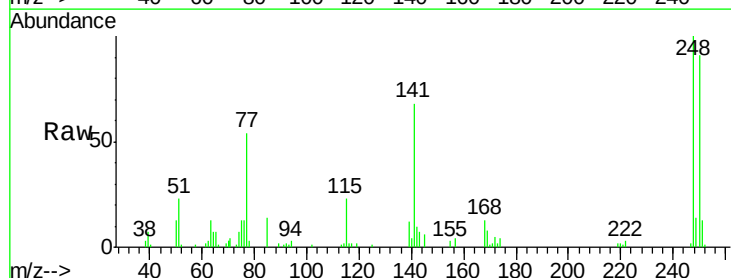


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

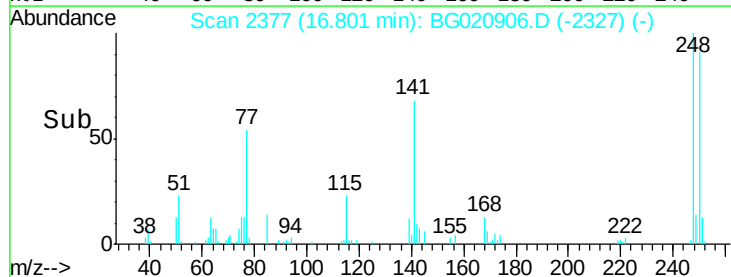
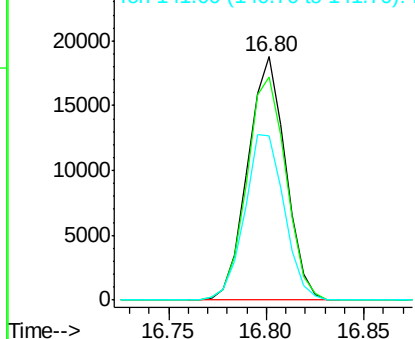


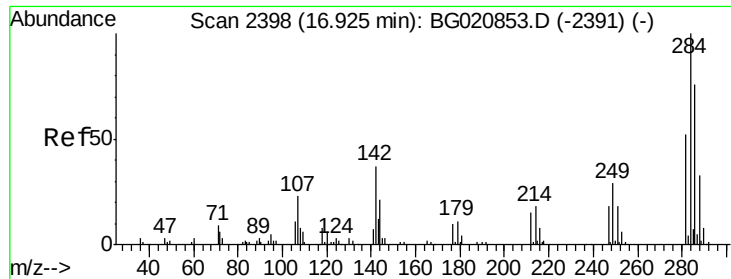
#66
4-Bromophenyl-phenylether
Concen: 17.90 ng
RT: 16.80 min Scan# 2377
Delta R.T. -0.01 min
Lab File: BG020906.D
Acq: 15 Feb 2016 16:15

Tgt Ion:248 Resp: 25153
Ion Ratio Lower Upper
248 100
250 91.4 77.4 116.2
141 67.6 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: 17.97 ng

RT: 16.92 min Scan# 2397

Delta R.T. -0.01 min

Lab File: BG020906.D

Acq: 15 Feb 2016 16:15

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2016-02

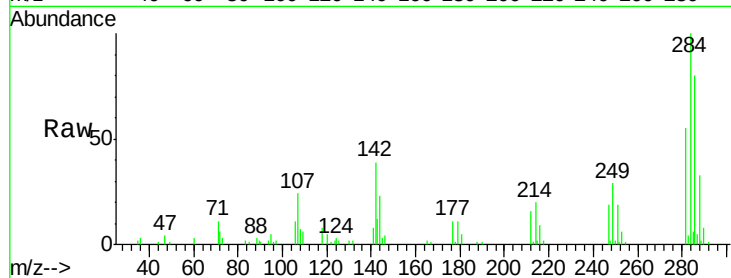
Tgt Ion:284 Resp: 26868

Ion Ratio Lower Upper

284 100

142 38.9 29.9 44.9

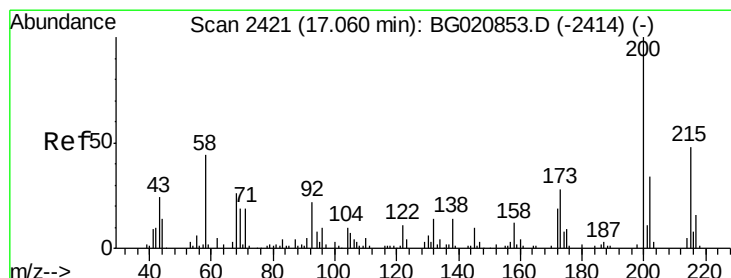
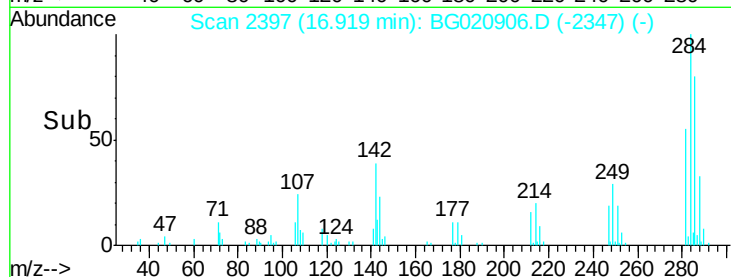
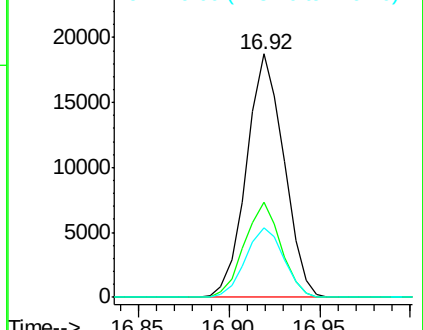
249 28.6 23.3 34.9



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: 19.55 ng

RT: 17.05 min Scan# 2420

Delta R.T. -0.01 min

Lab File: BG020906.D

Acq: 15 Feb 2016 16:15

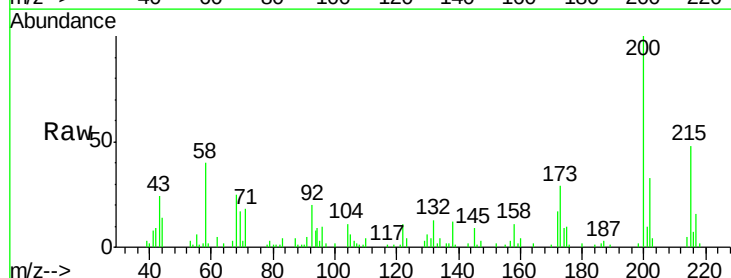
Tgt Ion:200 Resp: 25501

Ion Ratio Lower Upper

200 100

173 29.2 8.4 48.4

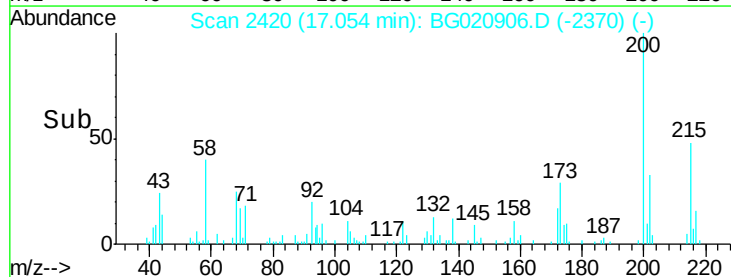
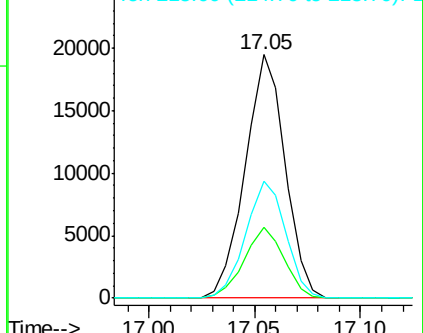
215 47.8 28.2 68.2

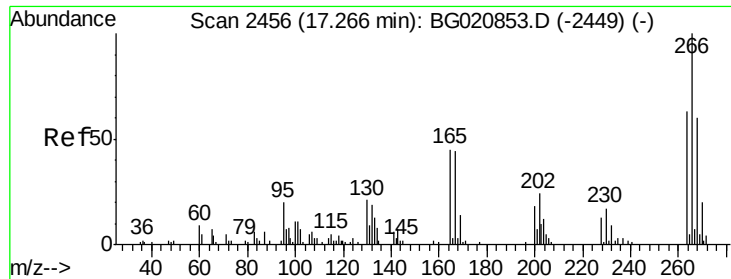


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 13.97 ng

RT: 17.26 min Scan# 2455

Delta R.T. -0.01 min

Lab File: BG020906.D

Acq: 15 Feb 2016 16:15

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2016-02

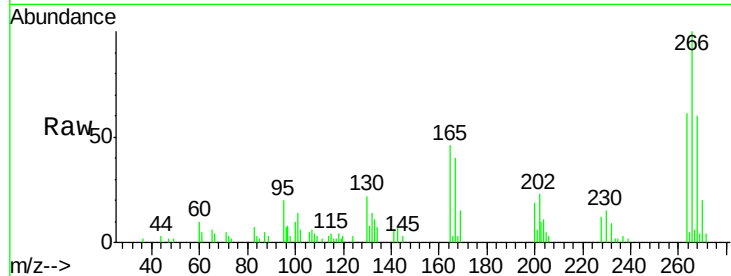
Tgt Ion:266 Resp: 11979

Ion Ratio Lower Upper

266 100

268 59.8 47.8 71.6

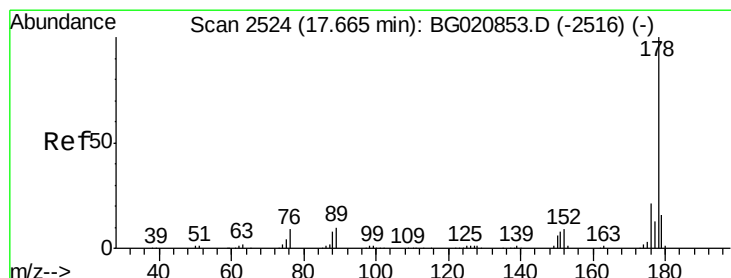
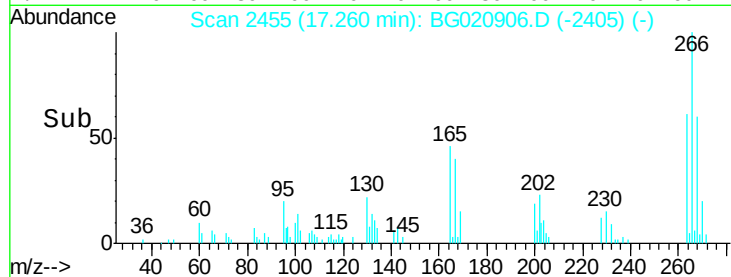
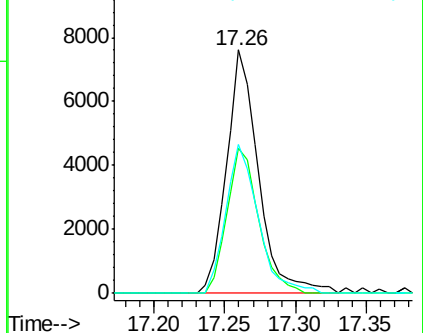
264 61.3 50.2 75.4



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: 18.88 ng

RT: 17.66 min Scan# 2523

Delta R.T. -0.01 min

Lab File: BG020906.D

Acq: 15 Feb 2016 16:15

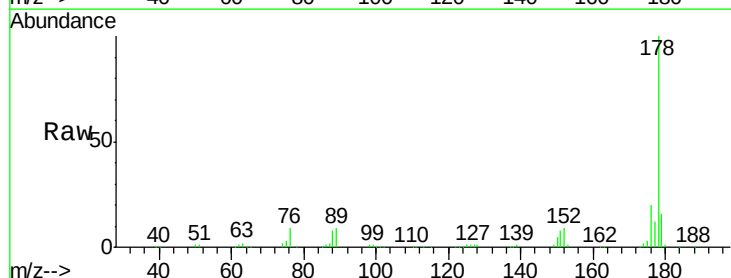
Tgt Ion:178 Resp: 143013

Ion Ratio Lower Upper

178 100

176 20.3 16.8 25.2

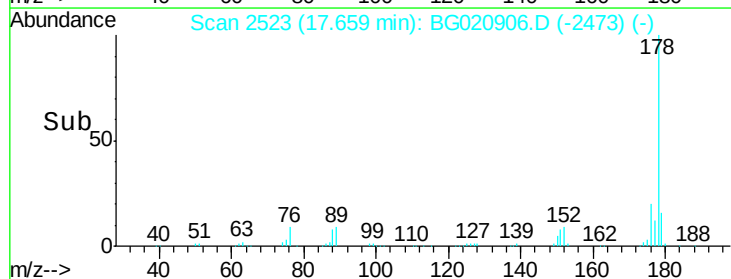
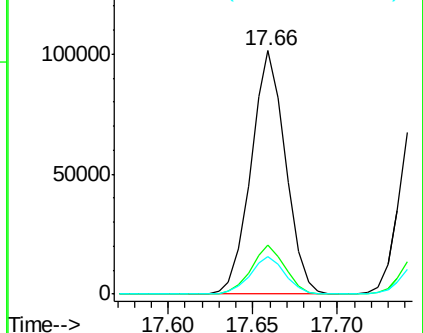
179 15.5 12.6 19.0

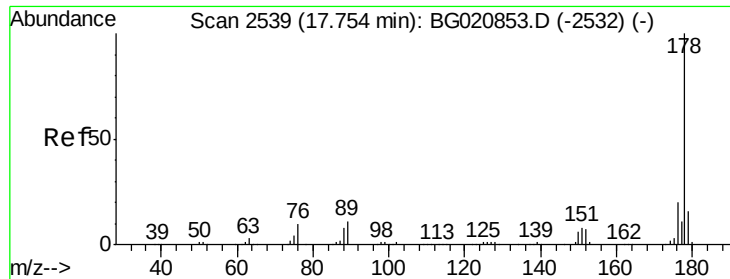


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 18.52 ng

RT: 17.75 min Scan# 2538

Delta R.T. -0.01 min

Lab File: BG020906.D

Acq: 15 Feb 2016 16:15

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2016-02

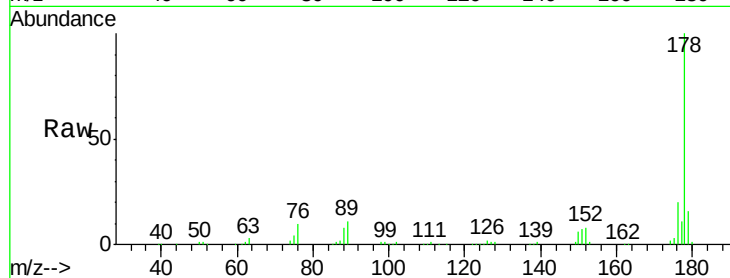
Tgt Ion:178 Resp: 142417

Ion Ratio Lower Upper

178 100

176 19.8 16.2 24.4

179 16.5 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

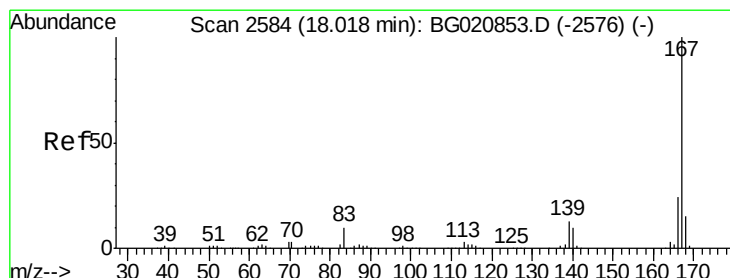
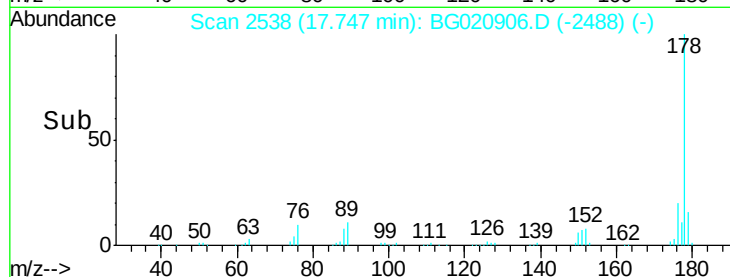
100000

50000

0

17.75

Time-->



#72

Carbazole

Concen: 19.24 ng

RT: 18.01 min Scan# 2583

Delta R.T. -0.01 min

Lab File: BG020906.D

Acq: 15 Feb 2016 16:15

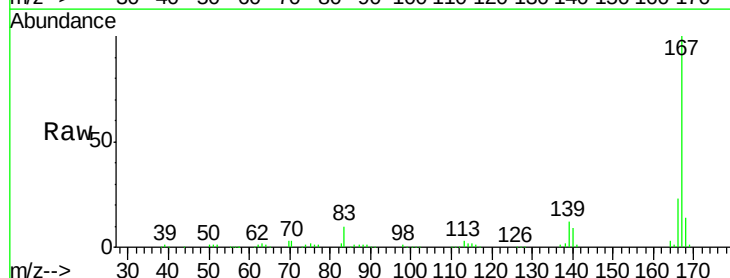
Tgt Ion:167 Resp: 132766

Ion Ratio Lower Upper

167 100

166 23.3 19.3 28.9

139 12.4 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

120000

100000

80000

60000

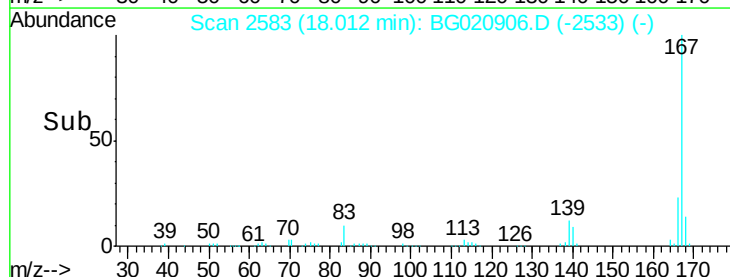
40000

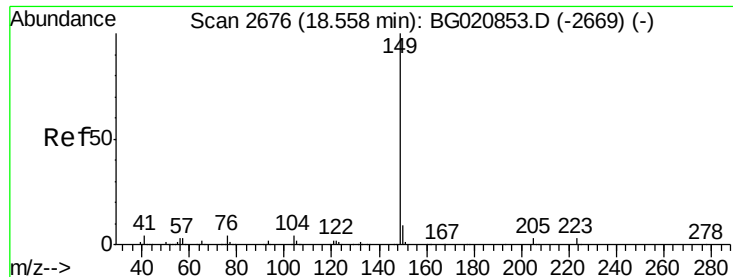
20000

0

18.01

Time-->





#73

Di-n-butylphthalate

Concen: 18.21 ng

RT: 18.55 min Scan# 2675

Delta R.T. -0.01 min

Lab File: BG020906.D

Acq: 15 Feb 2016 16:15

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2016-02

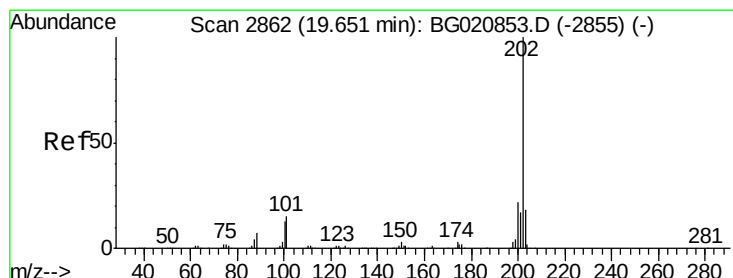
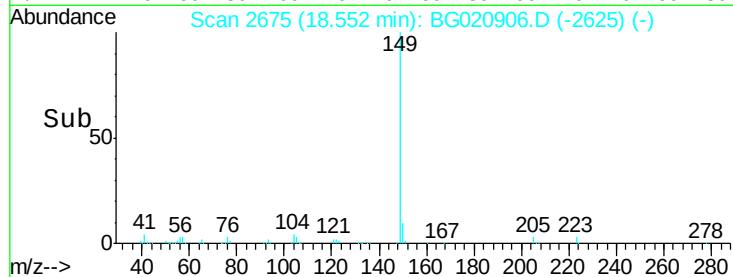
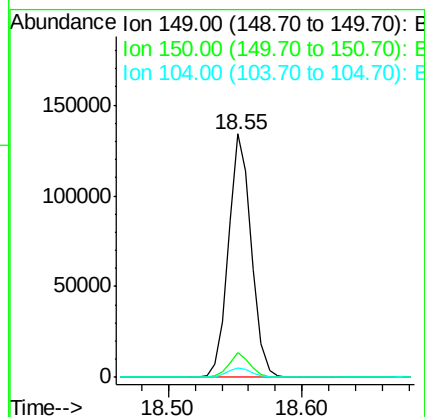
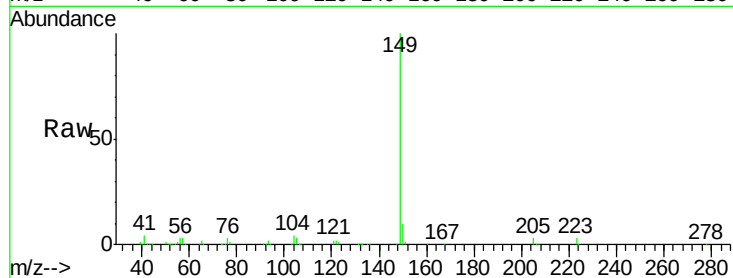
Tgt Ion:149 Resp: 161074

Ion Ratio Lower Upper

149 100

150 10.2 7.6 11.4

104 3.9 3.4 5.0



#74

Fluoranthene

Concen: 18.68 ng

RT: 19.65 min Scan# 2862

Delta R.T. -0.00 min

Lab File: BG020906.D

Acq: 15 Feb 2016 16:15

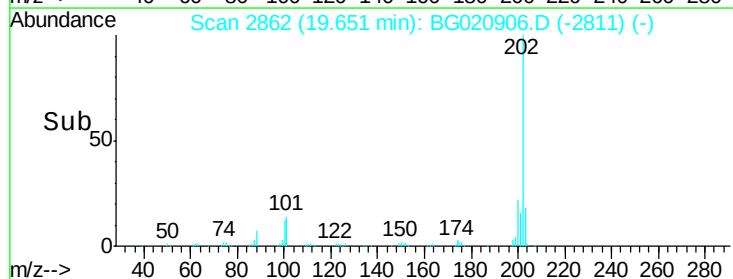
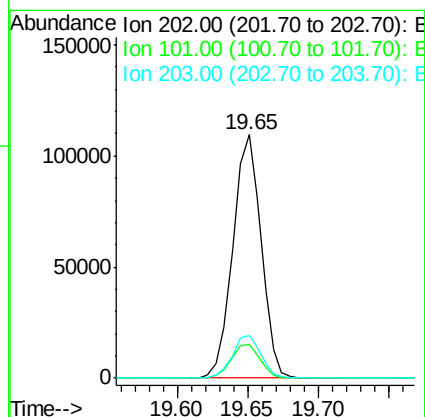
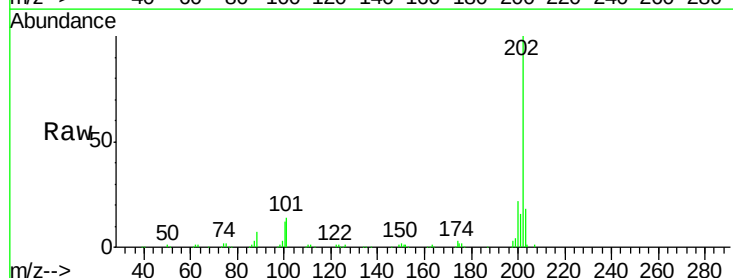
Tgt Ion:202 Resp: 152885

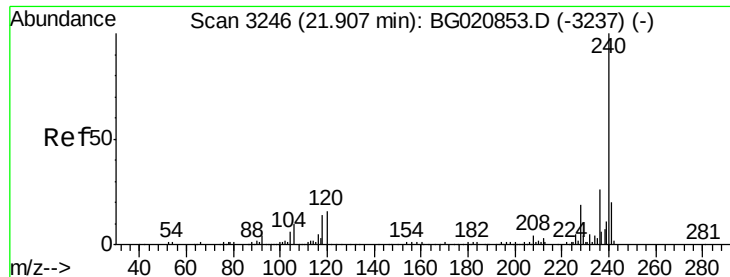
Ion Ratio Lower Upper

202 100

101 13.8 0.0 35.3

203 17.6 0.0 37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.89 min Scan# 3244

Delta R.T. -0.01 min

Lab File: BG020906.D

Acq: 15 Feb 2016 16:15

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2016-02

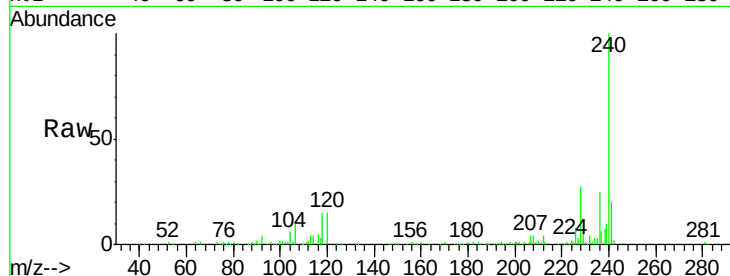
Tgt Ion:240 Resp: 125209

Ion Ratio Lower Upper

240 100

120 14.6 13.0 19.4

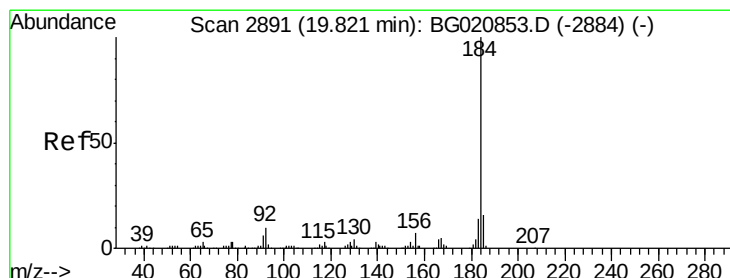
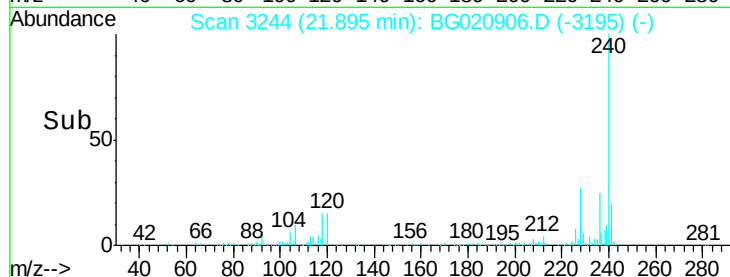
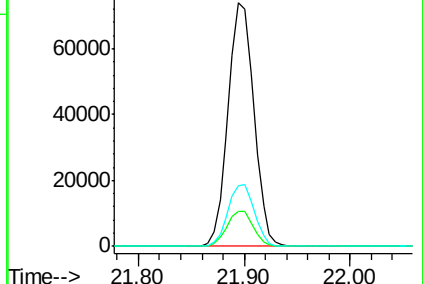
236 24.9 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 16.34 ng

RT: 19.82 min Scan# 2891

Delta R.T. -0.00 min

Lab File: BG020906.D

Acq: 15 Feb 2016 16:15

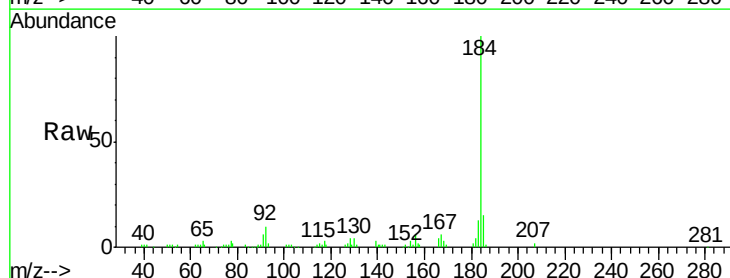
Tgt Ion:184 Resp: 66148

Ion Ratio Lower Upper

184 100

185 14.8 12.6 19.0

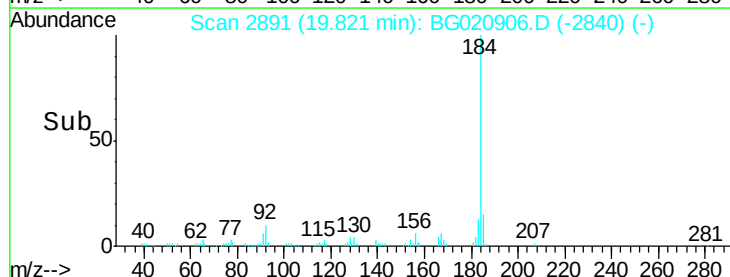
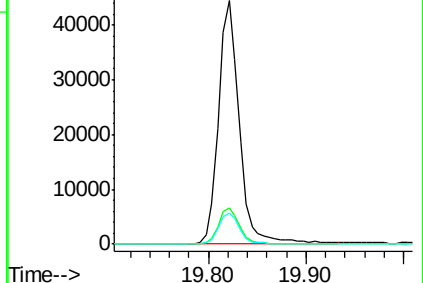
183 13.0 11.0 16.4

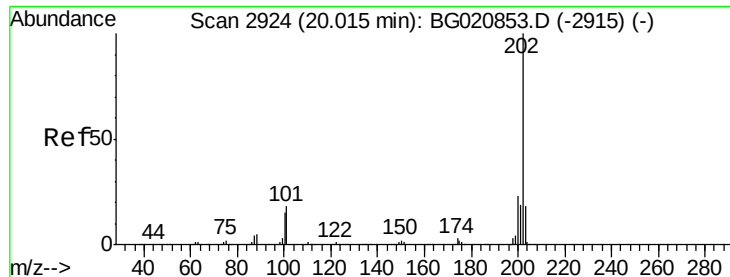


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 19.19 ng

RT: 20.01 min Scan# 2923

Delta R.T. -0.01 min

Lab File: BG020906.D

Acq: 15 Feb 2016 16:15

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2016-02

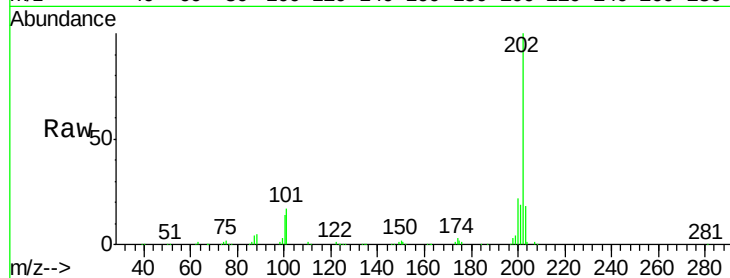
Tgt Ion:202 Resp: 158464

Ion Ratio Lower Upper

202 100

200 22.3 18.5 27.7

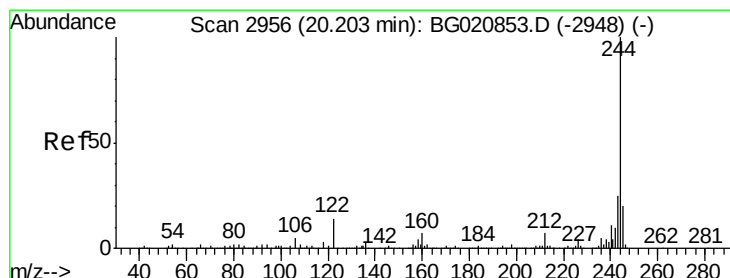
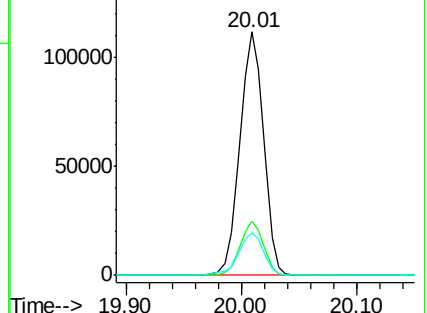
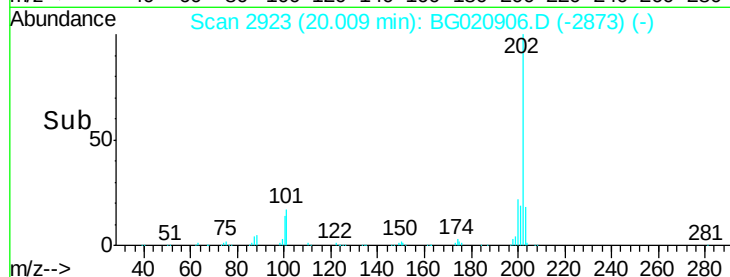
203 17.6 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 103.13 ng

RT: 20.20 min Scan# 2955

Delta R.T. -0.01 min

Lab File: BG020906.D

Acq: 15 Feb 2016 16:15

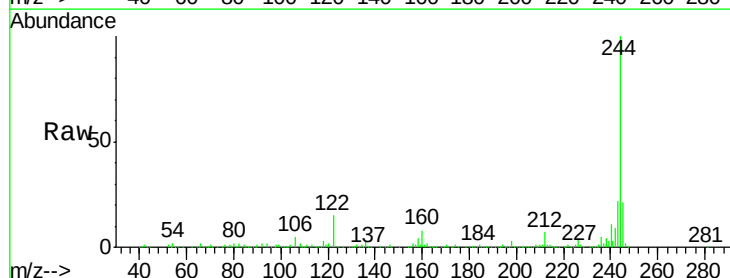
Tgt Ion:244 Resp: 553502

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

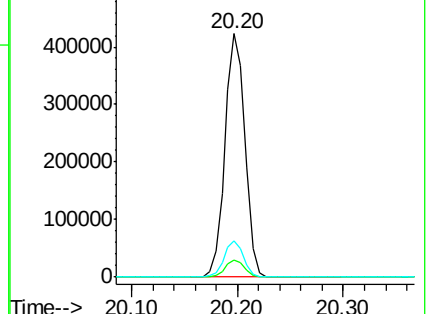
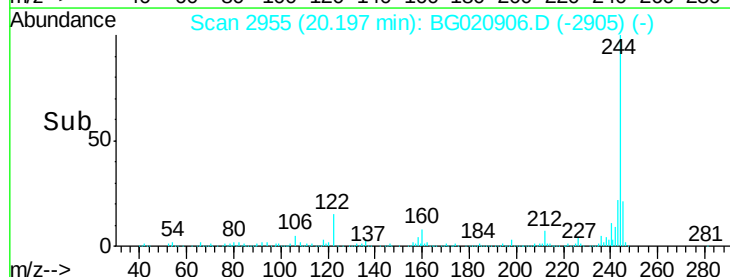
122 14.7 11.4 17.2

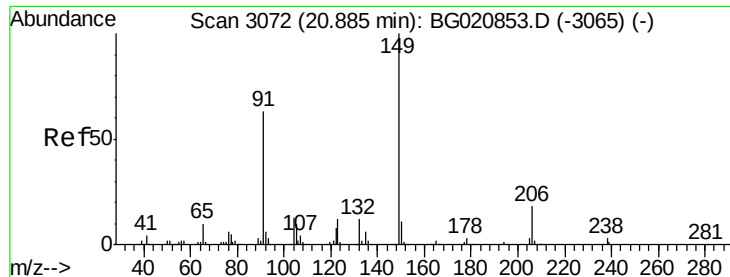


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

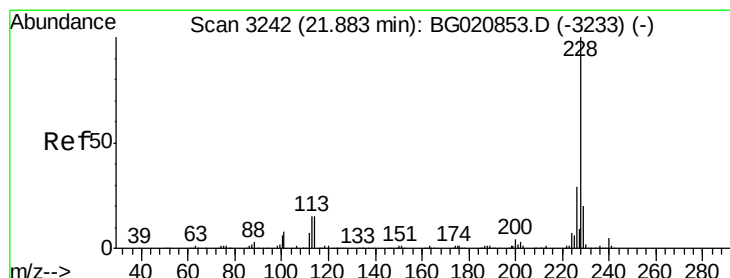
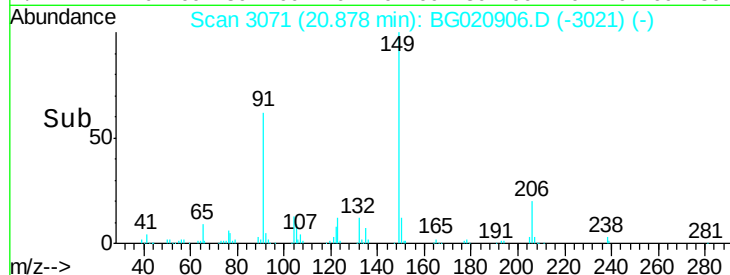
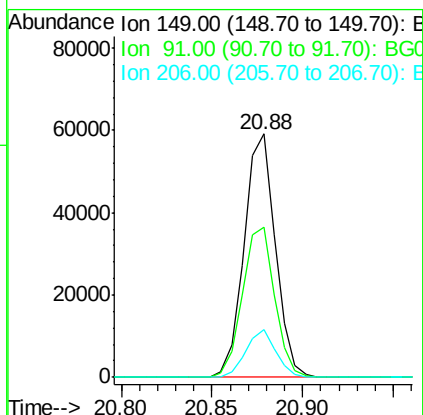
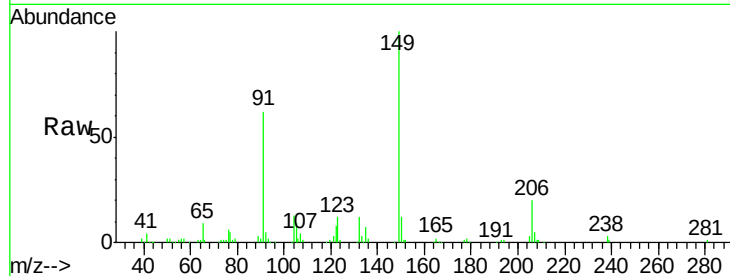




#79
Butylbenzylphthalate
Concen: 17.95 ng
RT: 20.88 min Scan# 3071
Delta R.T. -0.01 min
Lab File: BG020906.D
Acq: 15 Feb 2016 16:15

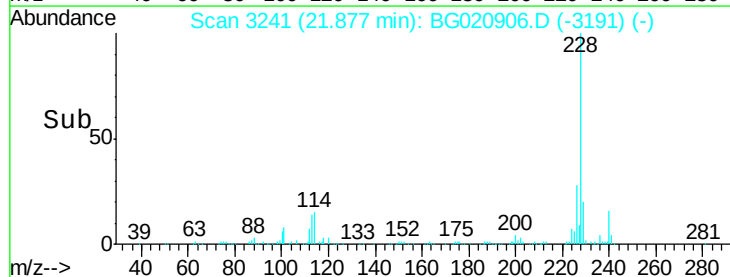
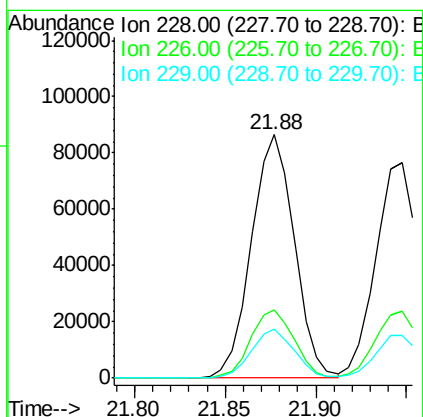
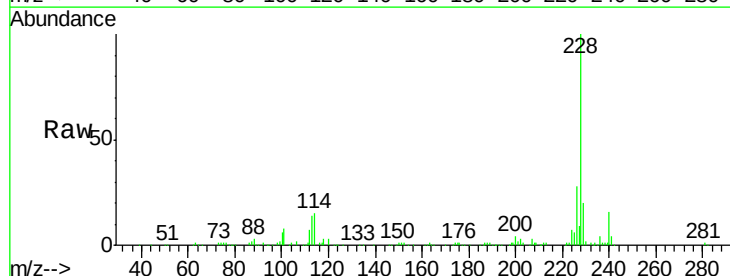
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2016-02

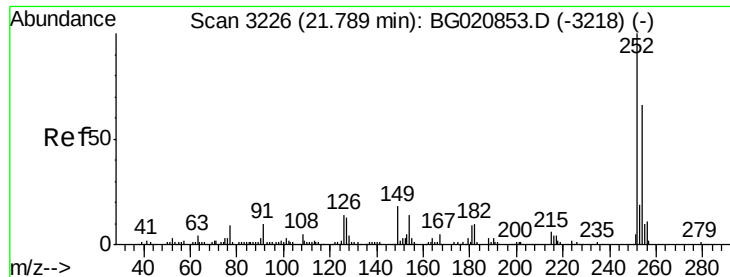
Tgt Ion:149 Resp: 70974
Ion Ratio Lower Upper
149 100
91 61.7 50.6 76.0
206 19.6 14.6 22.0



#80
Benzo(a)anthracene
Concen: 19.06 ng
RT: 21.88 min Scan# 3241
Delta R.T. -0.01 min
Lab File: BG020906.D
Acq: 15 Feb 2016 16:15

Tgt Ion:228 Resp: 142459
Ion Ratio Lower Upper
228 100
226 27.8 23.1 34.7
229 20.2 16.2 24.2

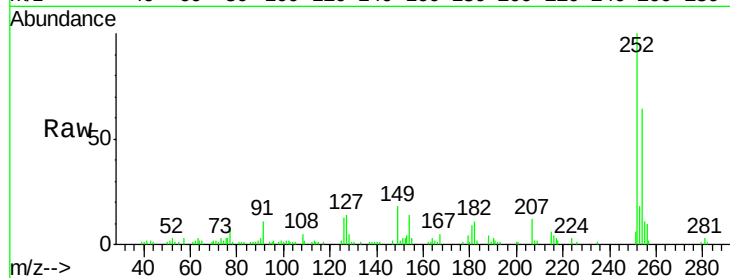




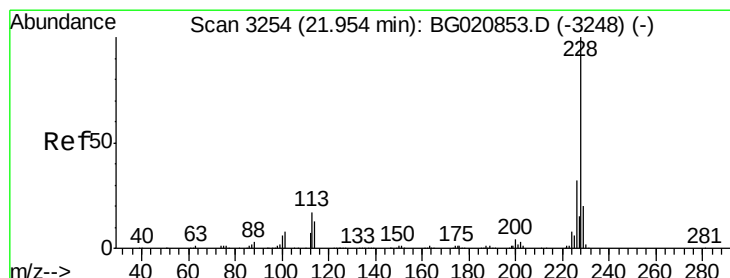
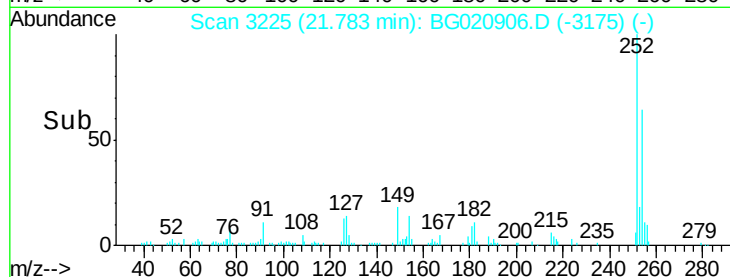
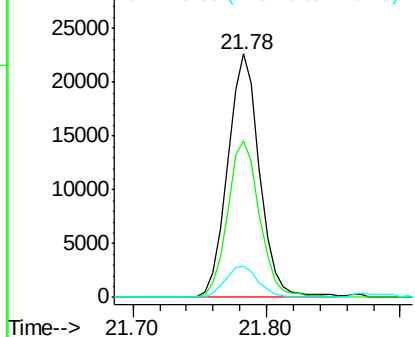
#81
 3,3'-Dichlorobenzidine
 Concen: 13.62 ng
 RT: 21.78 min Scan# 3225
 Delta R.T. -0.01 min
 Lab File: BG020906.D
 Acq: 15 Feb 2016 16:15

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2016-02

Tgt Ion:252 Resp: 37790
 Ion Ratio Lower Upper
 252 100
 254 64.2 52.8 79.2
 126 13.0 11.1 16.7

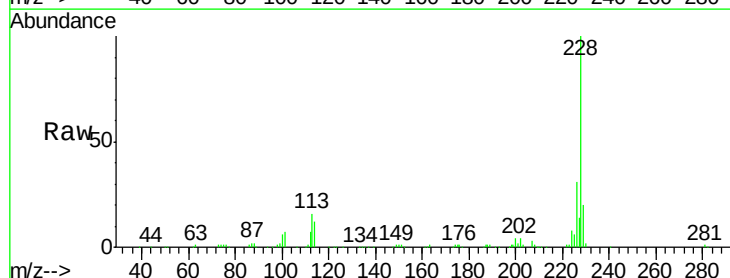


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

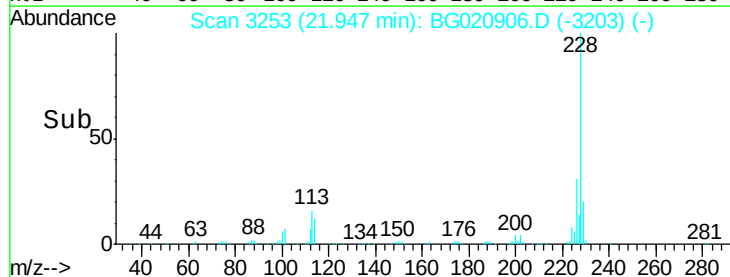
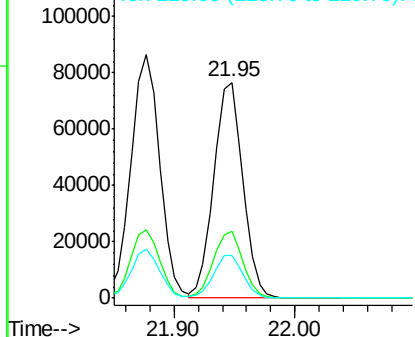


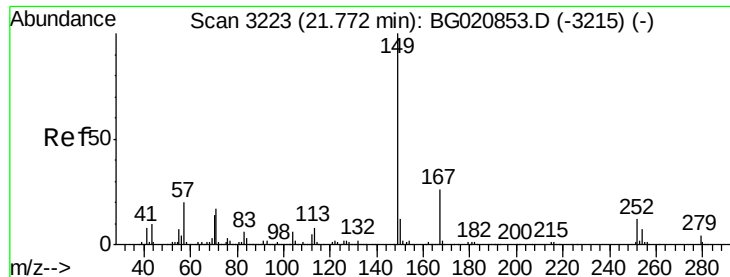
#82
 Chrysene
 Concen: 18.07 ng
 RT: 21.95 min Scan# 3253
 Delta R.T. -0.01 min
 Lab File: BG020906.D
 Acq: 15 Feb 2016 16:15

Tgt Ion:228 Resp: 127052
 Ion Ratio Lower Upper
 228 100
 226 31.0 25.3 37.9
 229 19.6 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: 17.42 ng

RT: 21.76 min Scan# 3221

Delta R.T. -0.01 min

Lab File: BG020906.D

Acq: 15 Feb 2016 16:15

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2016-02

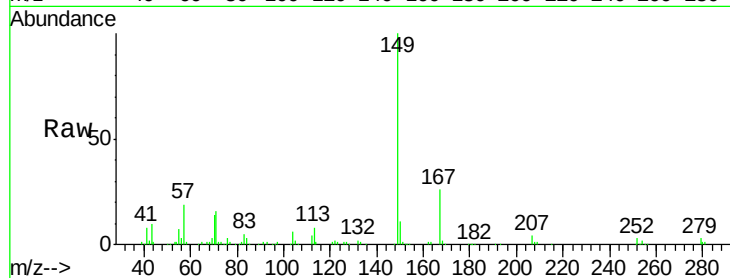
Tgt Ion:149 Resp: 102100

Ion Ratio Lower Upper

149 100

167 26.1 20.9 31.3

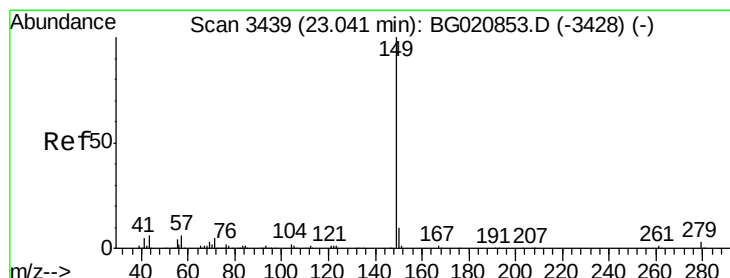
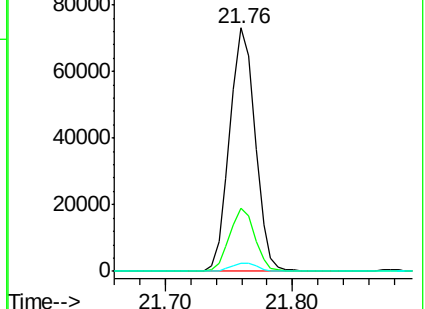
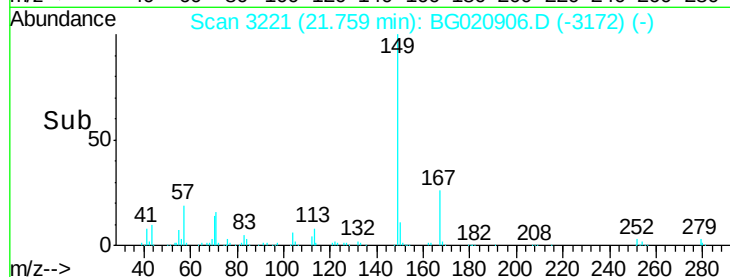
279 3.3 3.0 4.4



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: 17.97 ng

RT: 23.03 min Scan# 3437

Delta R.T. -0.01 min

Lab File: BG020906.D

Acq: 15 Feb 2016 16:15

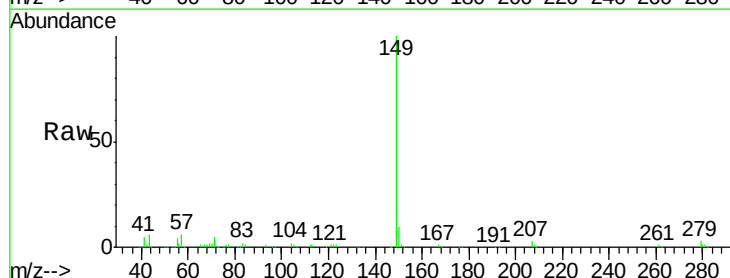
Tgt Ion:149 Resp: 172934

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

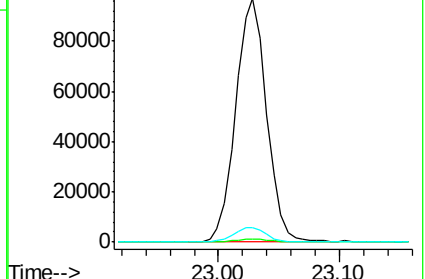
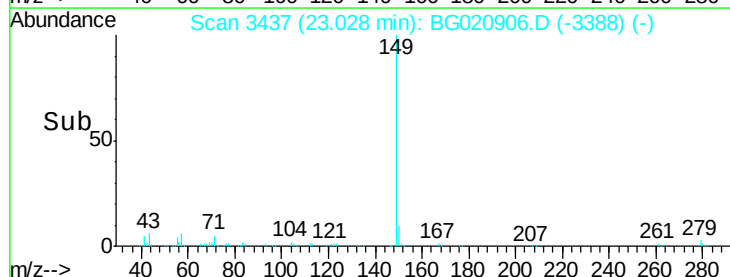
43 6.2 5.1 7.7

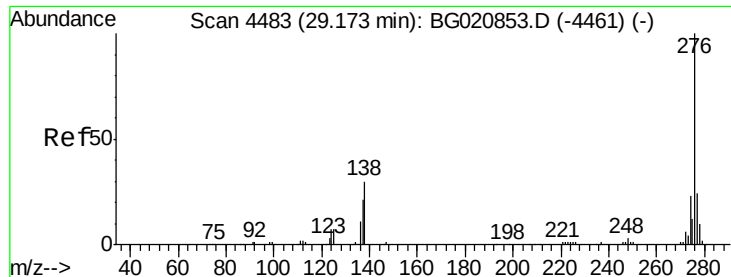


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

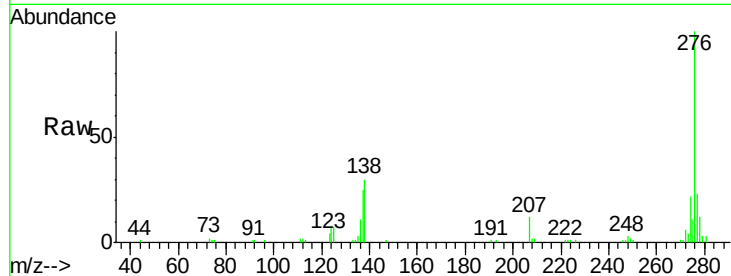




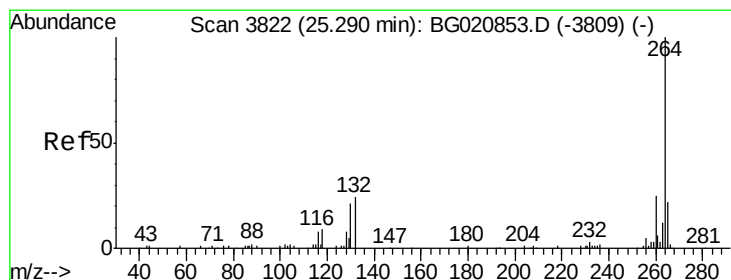
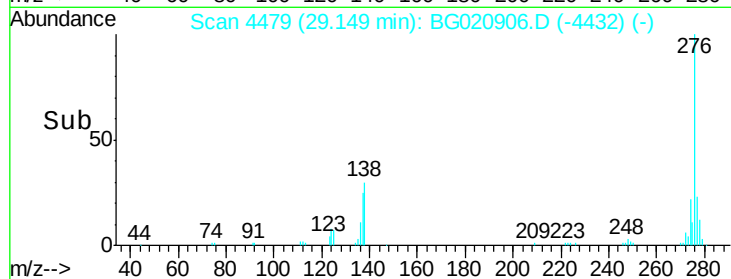
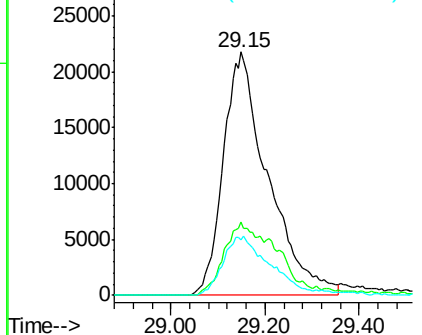
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 17.71 ng
 RT: 29.15 min Scan# 4479
 Delta R.T. -0.02 min
 Lab File: BG020906.D
 Acq: 15 Feb 2016 16:15

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2016-02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	35.3	20.1	30.1#
277	25.2	20.5	30.7

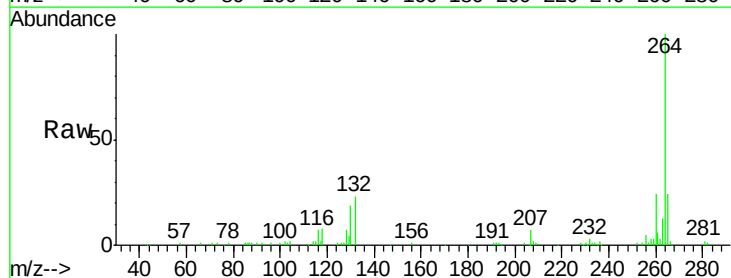


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

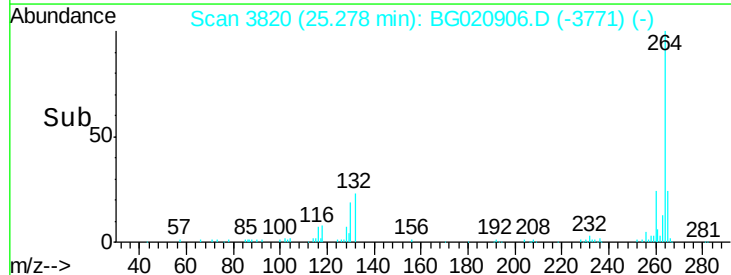
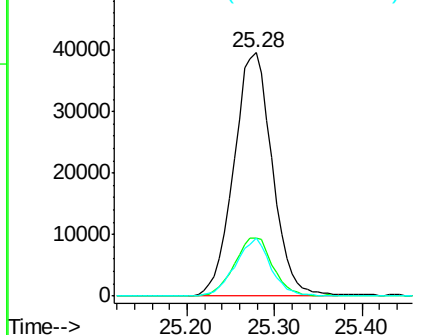


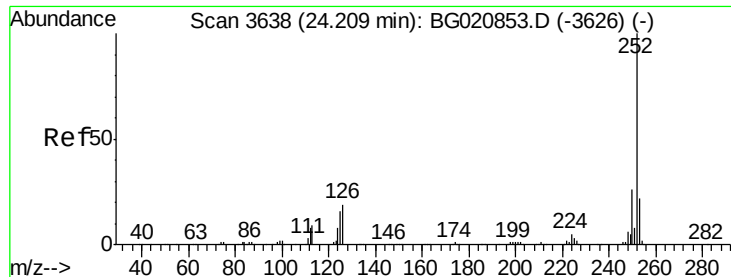
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.28 min Scan# 3820
 Delta R.T. -0.01 min
 Lab File: BG020906.D
 Acq: 15 Feb 2016 16:15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.9	29.9
265	23.6	18.0	27.0



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 19.18 ng

RT: 24.20 min Scan# 3636

Delta R.T. -0.01 min

Lab File: BG020906.D

Acq: 15 Feb 2016 16:15

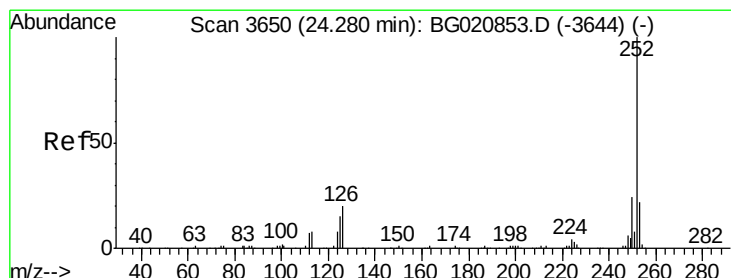
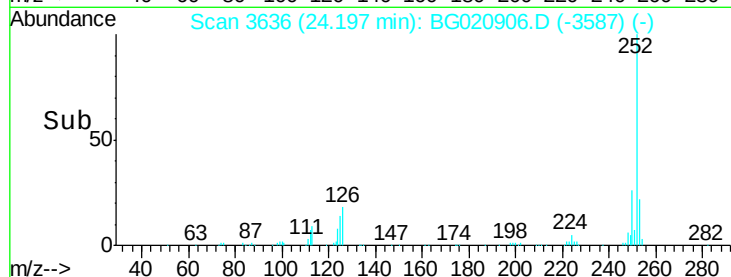
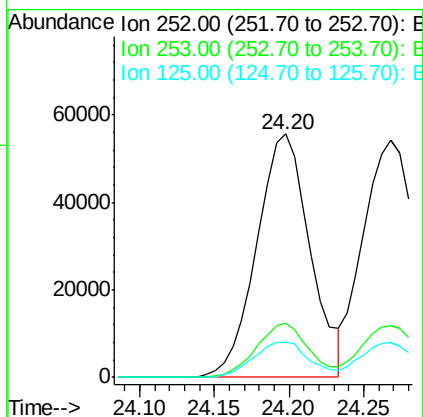
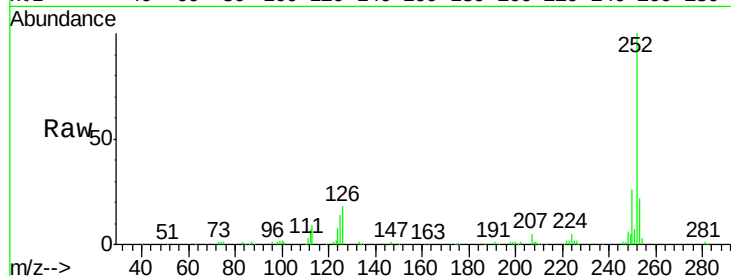
Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2016-02

Tgt Ion:	252	Resp:	138036
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.5	26.3
125	14.3	12.5	18.7



#88

Benzo(k)fluoranthene

Concen: 19.10 ng

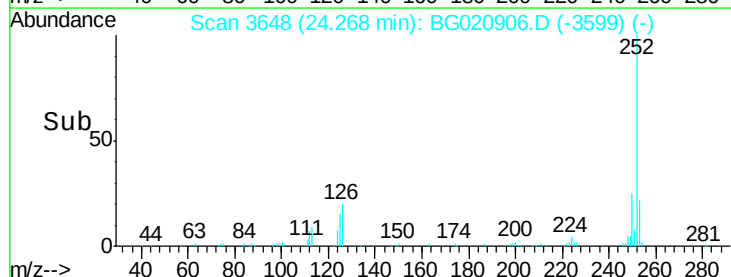
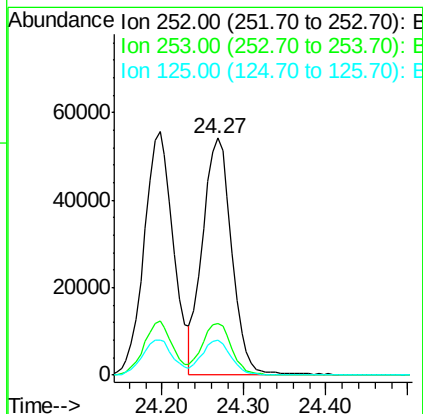
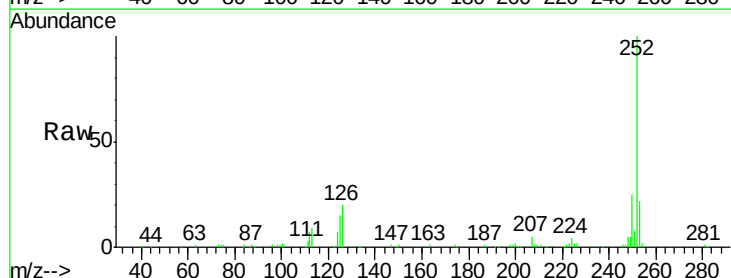
RT: 24.27 min Scan# 3648

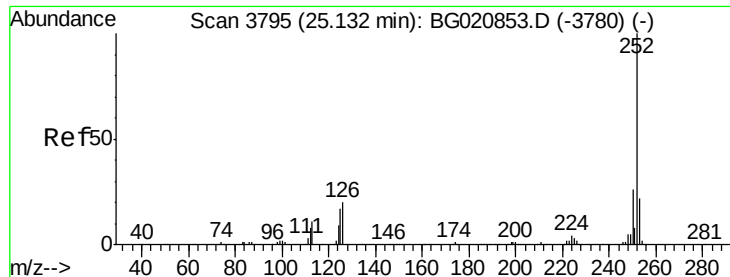
Delta R.T. -0.01 min

Lab File: BG020906.D

Acq: 15 Feb 2016 16:15

Tgt Ion:	252	Resp:	134724
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.7	26.5
125	15.0	12.2	18.4





#89

Benzo(a)pyrene

Concen: 19.07 ng

RT: 25.11 min Scan# 3792

Delta R.T. -0.02 min

Lab File: BG020906.D

Acq: 15 Feb 2016 16:15

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2016-02

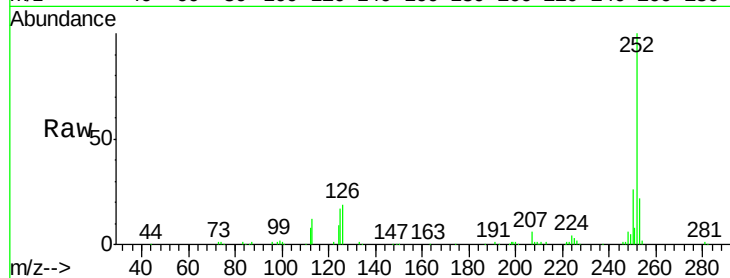
Tgt Ion: 252 Resp: 130769

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

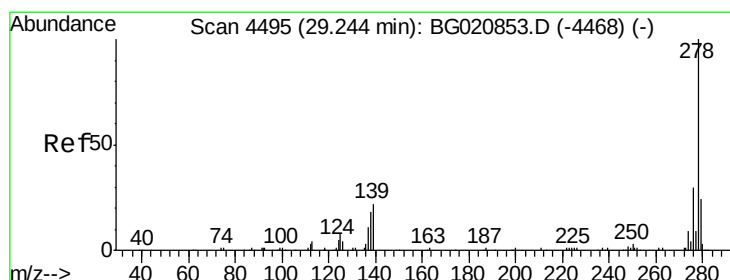
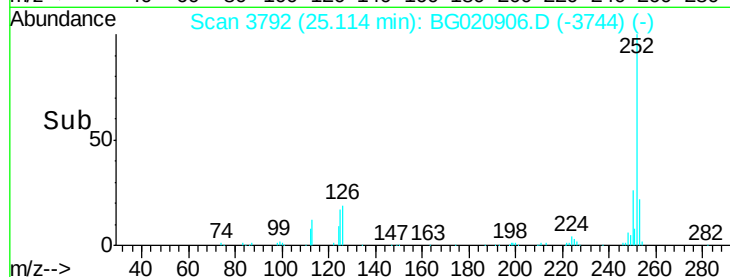
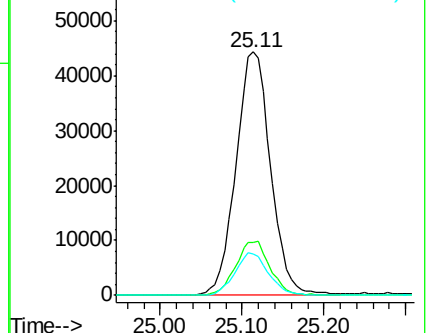
125 16.8 13.6 20.4



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: 17.67 ng

RT: 29.21 min Scan# 4490

Delta R.T. -0.03 min

Lab File: BG020906.D

Acq: 15 Feb 2016 16:15

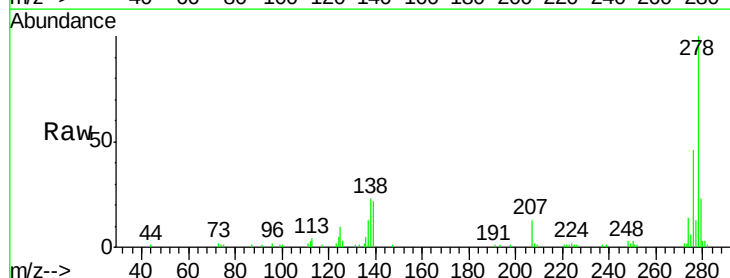
Tgt Ion: 278 Resp: 117819

Ion Ratio Lower Upper

278 100

139 21.7 17.3 25.9

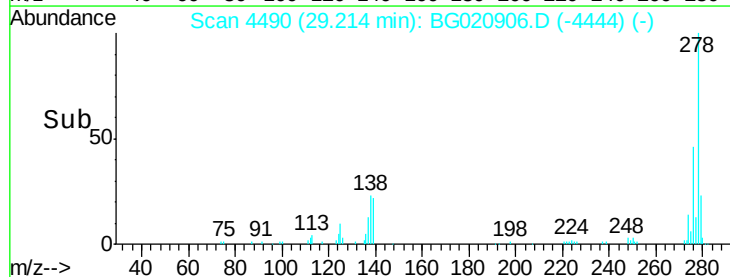
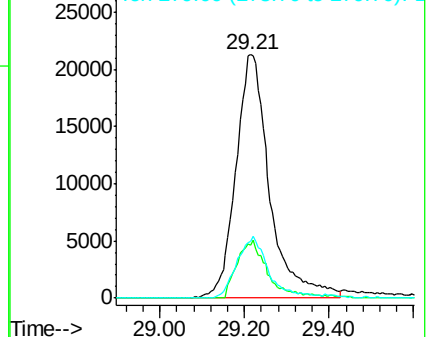
279 23.2 19.1 28.7

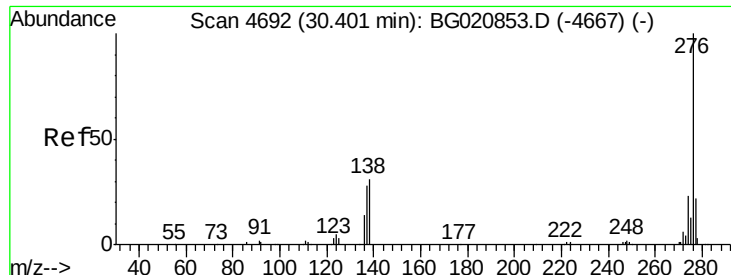


Abundance Ion 278.00 (277.70 to 278.70): E

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: 17.03 ng

RT: 30.36 min Scan# 4685

Delta R.T. -0.04 min

Lab File: BG020906.D

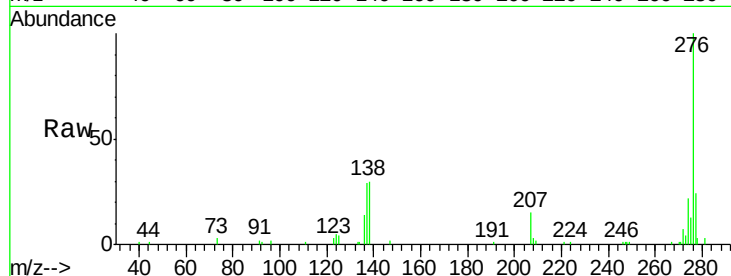
Acq: 15 Feb 2016 16:15

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2016-02



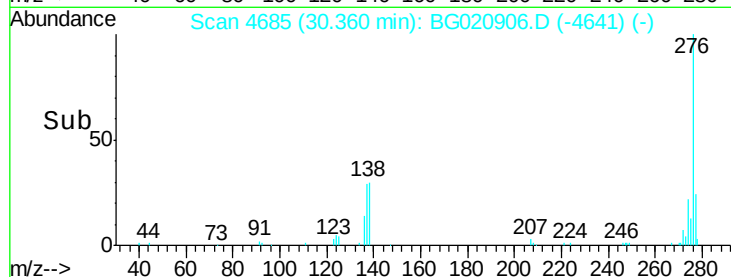
Tgt Ion: 276 Resp: 112721

Ion Ratio Lower Upper

276 100

277 24.1 17.6 26.4

138 30.1 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

