

Data Path : Z:\HPCHEM1\BNA_G\Data\BG040615\
 Data File : BG016233.D
 Acq On : 6 Apr 2015 20:50
 Operator : TP/IZ
 Sample : G1614-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2015-02

Quant Time: Apr 07 05:11:22 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 07 04:17:17 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	65533	20.00	ng	0.00
21) Naphthalene-d8	10.49	136	303583	20.00	ng	0.00
38) Acenaphthene-d10	14.34	164	178168	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	386265	20.00	ng	0.00
75) Chrysene-d12	21.26	240	380806	20.00	ng	0.00
86) Perylene-d12	23.51	264	343375	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	713506	171.83	ng	0.00
7) Phenol-d6	6.88	99	1014537	162.76	ng	0.00
23) Nitrobenzene-d5	8.86	82	535365	102.16	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	200629	166.51	ng	0.00
44) 2-Fluorobiphenyl	12.96	172	1070906	102.34	ng	0.00
78) Terphenyl-d14	19.71	244	1431905	88.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.18	88	36869	19.53	ng	97
3) Pyridine	3.57	79	100503	17.81	ng	99
4) n-Nitrosodimethylamine	3.49	42	34313	20.46	ng	100
6) Aniline	7.03	93	96148	10.80	ng	98
8) 2-Chlorophenol	7.27	128	121863	24.44	ng	96
9) Benzaldehyde	6.84	77	92021	25.20	ng	96
10) Phenol	6.90	94	161930	24.28	ng	99
11) bis(2-Chloroethyl)ether	7.13	93	112421	21.14	ng	100
12) 1,3-Dichlorobenzene	7.59	146	108074	21.46	ng	98
13) 1,4-Dichlorobenzene	7.74	146	111115	21.27	ng	98
14) 1,2-Dichlorobenzene	8.05	146	105763	21.17	ng	99
15) Benzyl Alcohol	7.94	79	94932	21.85	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.24	45	128201	21.40	ng	98
17) 2-Methylphenol	8.14	107	102379	22.89	ng	98
18) Hexachloroethane	8.77	117	41168	20.60	ng	99
19) n-Nitroso-di-n-propylamine	8.50	70	85718	19.19	ng	99
20) 3+4-Methylphenols	8.47	107	142150	22.95	ng	99
22) Acetophenone	8.52	105	155355	22.07	ng	99
24) Nitrobenzene	8.90	77	121305	21.65	ng	95
25) Isophorone	9.42	82	242203	20.81	ng	100
26) 2-Nitrophenol	9.60	139	60047	22.98	ng	97
27) 2,4-Dimethylphenol	9.67	122	114037	23.43	ng	99
28) bis(2-Chloroethoxy)methane	9.90	93	147144	22.15	ng	100
29) 2,4-Dichlorophenol	10.14	162	98073	25.46	ng	96
30) 1,2,4-Trichlorobenzene	10.35	180	90000	22.38	ng	100
31) Naphthalene	10.54	128	345712	21.85	ng	99
32) Benzoic acid	9.77	122	48088	21.12	ng	97
33) 4-Chloroaniline	10.65	127	53058	7.15	ng	98
34) Hexachlorobutadiene	10.82	225	39419	22.32	ng	97
35) Caprolactam	11.40	113	54327	22.40	ng	97
36) 4-Chloro-3-methylphenol	11.78	107	118561	23.30	ng	97
37) 2-Methylnaphthalene	12.15	142	251776	22.13	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.52	216	85642	21.83	ng	99
40) Hexachlorocyclopentadiene	12.50	237	37632	20.96	ng	95

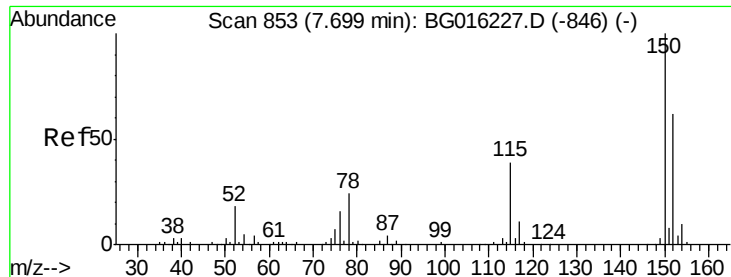
Data Path : Z:\HPCHEM1\BNA_G\Data\BG040615\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.77	196	65880	22.60	ng	97
43) 2,4,5-Trichlorophenol	12.84	196	72826	23.38	ng	99
45) 1,1'-Biphenyl	13.17	154	305332	22.34	ng	98
46) 2-Chloronaphthalene	13.21	162	230530	22.14	ng	100
47) 2-Nitroaniline	13.42	65	74865	22.31	ng	98
48) Acenaphthylene	14.06	152	403236	21.78	ng	99
49) Dimethylphthalate	13.80	163	292145	22.37	ng	99
50) 2,6-Dinitrotoluene	13.92	165	70128	22.21	ng	98
51) Acenaphthene	14.40	154	242375	21.91	ng	98
52) 3-Nitroaniline	14.25	138	46834	11.61	ng	97
53) 2,4-Dinitrophenol	14.46	184	21410	18.77	ng	93
54) Dibenzofuran	14.74	168	354725	23.11	ng	98
55) 4-Nitrophenol	14.56	139	75103	22.53	ng	98
56) 2,4-Dinitrotoluene	14.70	165	98572	22.92	ng	97
57) Fluorene	15.39	166	307974	22.74	ng	98
58) 2,3,4,6-Tetrachlorophenol	14.96	232	57385	23.88	ng	97
59) Diethylphthalate	15.16	149	314668	22.64	ng	98
60) 4-Chlorophenyl-phenylether	15.39	204	126688	22.87	ng	96
61) 4-Nitroaniline	15.41	138	98804	21.58	ng	97
62) Azobenzene	15.67	77	334367	22.60	ng	98
64) 4,6-Dinitro-2-methylphenol	15.47	198	44279	18.85	ng	98
65) n-Nitrosodiphenylamine	15.60	169	277208	21.23	ng	98
66) 4-Bromophenyl-phenylether	16.27	248	66344	21.51	ng	99
67) Hexachlorobenzene	16.39	284	70026	21.85	ng	94
68) Atrazine	16.55	200	87901	24.15	ng	99
69) Pentachlorophenol	16.73	266	40849	20.87	ng	96
70) Phenanthrene	17.12	178	474690	21.85	ng	99
71) Anthracene	17.21	178	487916	22.66	ng	99
72) Carbazole	17.48	167	511905	23.69	ng	99
73) Di-n-butylphthalate	18.05	149	636649	24.08	ng	98
74) Fluoranthene	19.14	202	544004	24.29	ng	95
76) Benzidine	19.32	184	87038	5.39	ng	99
77) Pyrene	19.50	202	584127	22.03	ng	99
79) Butylbenzylphthalate	20.40	149	299944	23.02	ng	98
80) Benzo(a)anthracene	21.24	228	506176	22.49	ng	97
81) 3,3'-Dichlorobenzidine	21.18	252	83145	11.23	ng	98
82) Chrysene	21.30	228	480755	22.13	ng	98
83) Bis(2-ethylhexyl)phthalate	21.17	149	399542	22.65	ng	99
84) Di-n-octyl phthalate	22.05	149	662099	23.04	ng	99
85) Indeno(1,2,3-cd)pyrene	25.79	276	492161	21.80	ng	99
87) Benzo(b)fluoranthene	22.82	252	459369	22.84	ng	98
88) Benzo(k)fluoranthene	22.87	252	440839	22.40	ng	99
89) Benzo(a)pyrene	23.41	252	436169	23.14	ng	99
90) Dibenzo(a,h)anthracene	25.80	278	404977	22.08	ng	99
91) Benzo(g,h,i)perylene	26.50	276	410424	22.40	ng	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.70 min Scan# 853

Delta R.T. 0.00 min

Lab File: BG016233.D

Acq: 6 Apr 2015 20:50

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2015-02

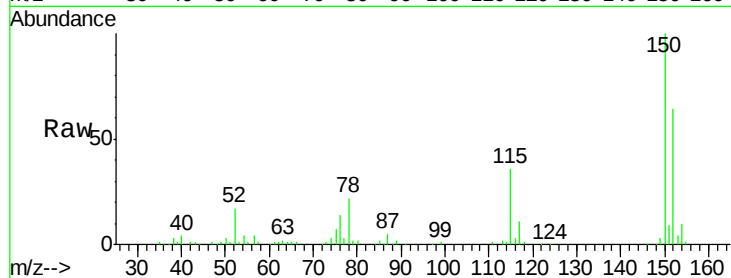
Tgt Ion:152 Resp: 65533

Ion Ratio Lower Upper

152 100

150 157.4 130.1 195.1

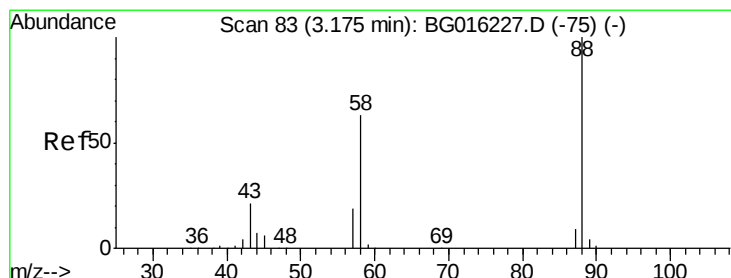
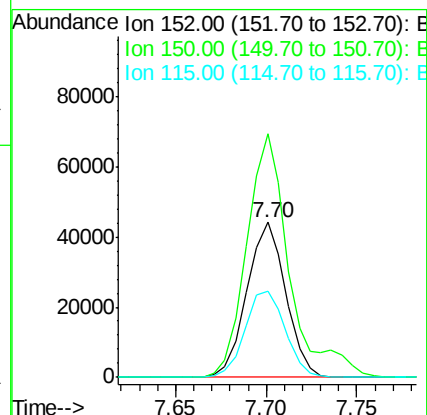
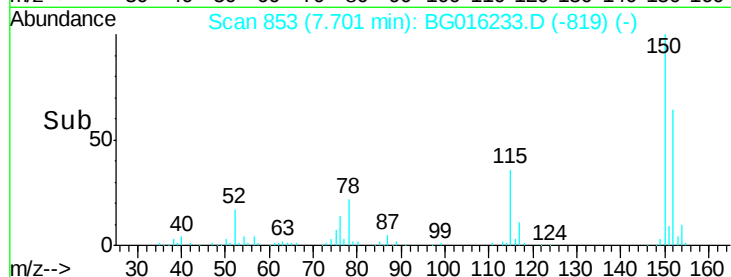
115 55.9 50.5 75.7



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: 19.53 ng

RT: 3.18 min Scan# 83

Delta R.T. 0.00 min

Lab File: BG016233.D

Acq: 6 Apr 2015 20:50

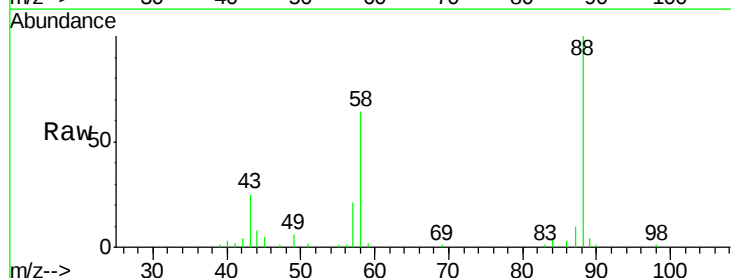
Tgt Ion: 88 Resp: 36869

Ion Ratio Lower Upper

88 100

58 65.7 50.6 76.0

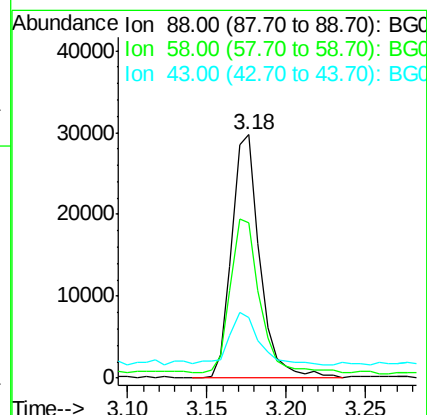
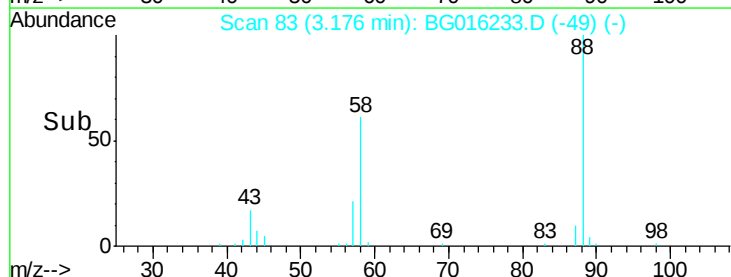
43 23.1 17.0 25.4

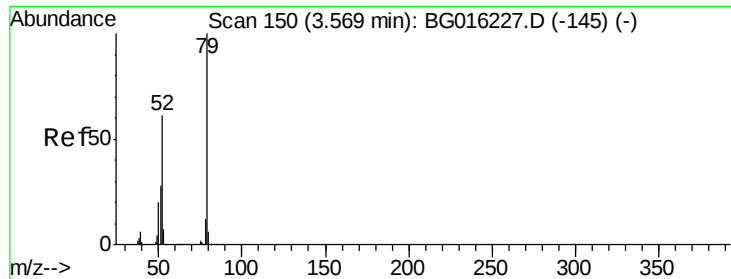


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 17.81 ng

RT: 3.57 min Scan# 150

Delta R.T. 0.00 min

Lab File: BG016233.D

Acq: 6 Apr 2015 20:50

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2015-02

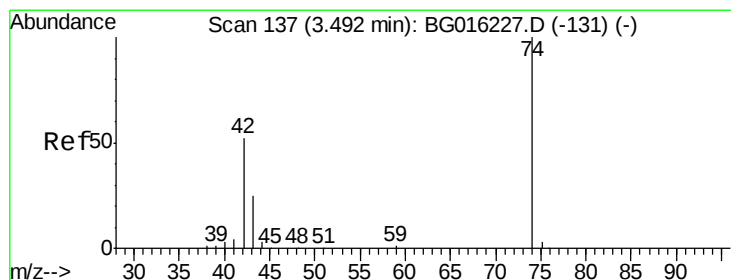
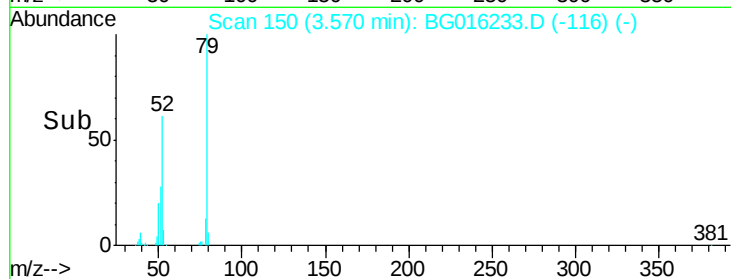
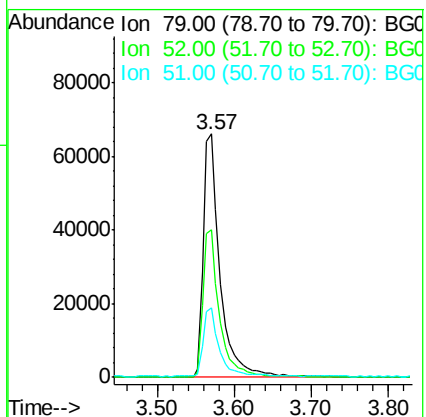
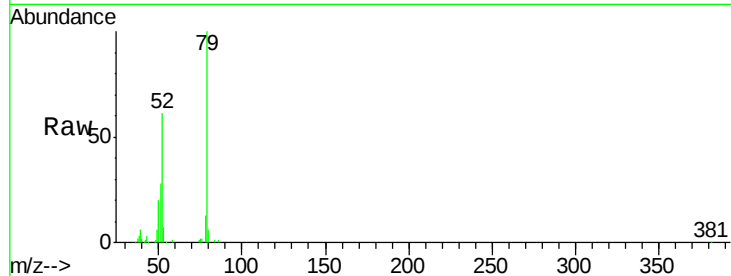
Tgt Ion: 79 Resp: 100503

Ion Ratio Lower Upper

79 100

52 60.5 49.0 73.4

51 28.5 22.5 33.7



#4

n-Nitrosodimethylamine

Concen: 20.46 ng

RT: 3.49 min Scan# 136

Delta R.T. -0.00 min

Lab File: BG016233.D

Acq: 6 Apr 2015 20:50

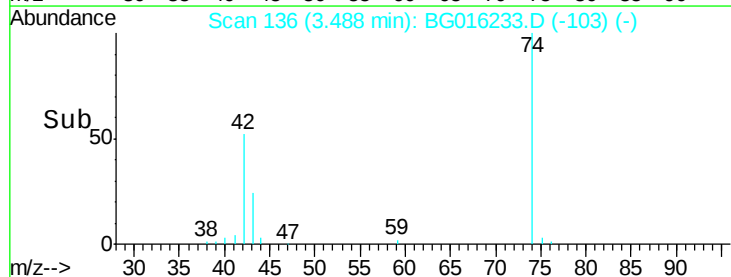
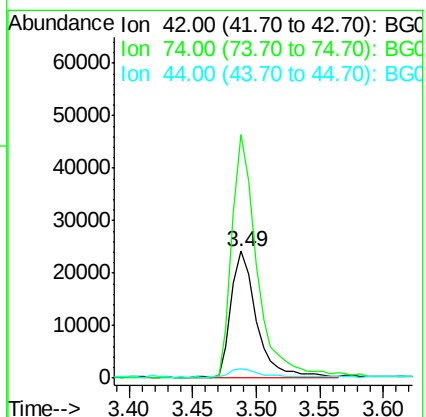
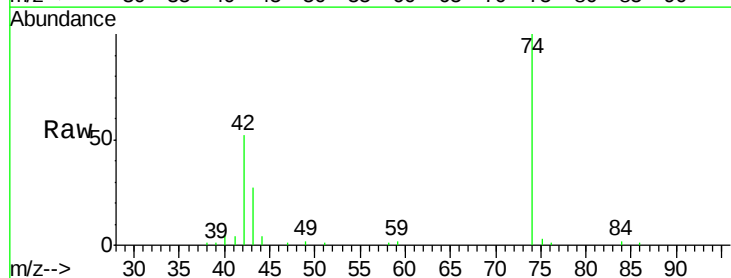
Tgt Ion: 42 Resp: 34313

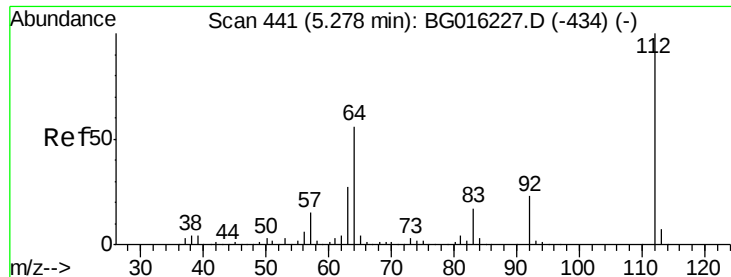
Ion Ratio Lower Upper

42 100

74 192.1 153.7 230.5

44 7.2 5.3 7.9





#5

2-Fluorophenol

Concen: 171.83 ng

RT: 5.29 min Scan# 442

Delta R.T. 0.01 min

Lab File: BG016233.D

Acq: 6 Apr 2015 20:50

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2015-02

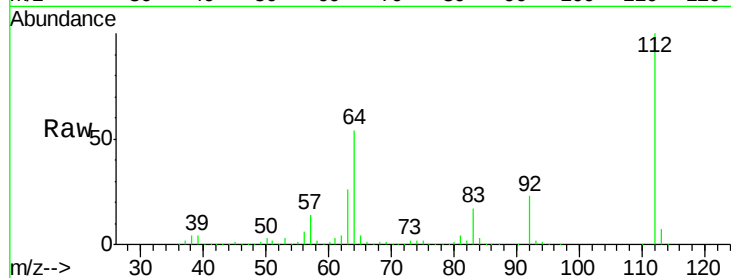
Tgt Ion: 112 Resp: 713506

Ion Ratio Lower Upper

112 100

64 54.4 44.5 66.7

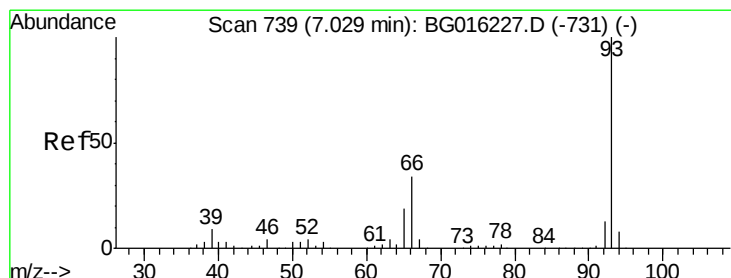
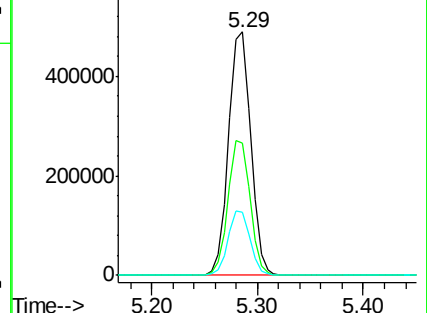
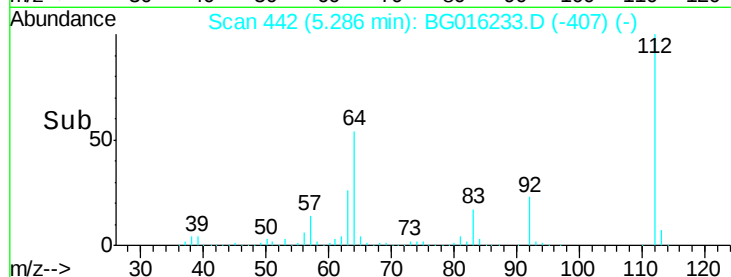
63 25.8 21.4 32.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 10.80 ng

RT: 7.03 min Scan# 739

Delta R.T. 0.00 min

Lab File: BG016233.D

Acq: 6 Apr 2015 20:50

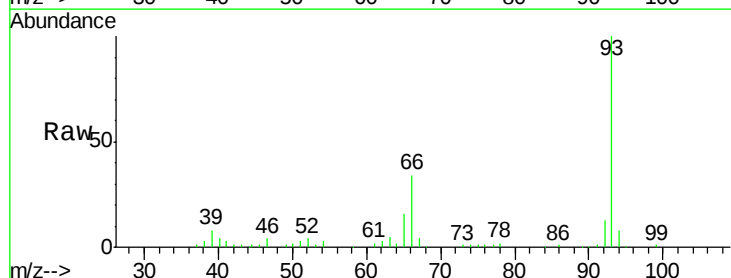
Tgt Ion: 93 Resp: 96148

Ion Ratio Lower Upper

93 100

66 34.0 27.5 41.3

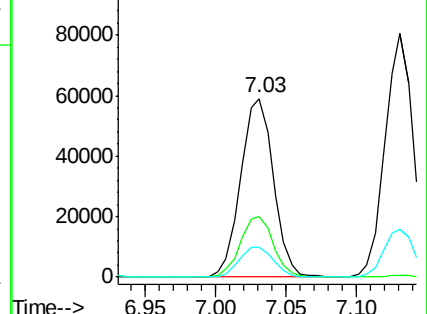
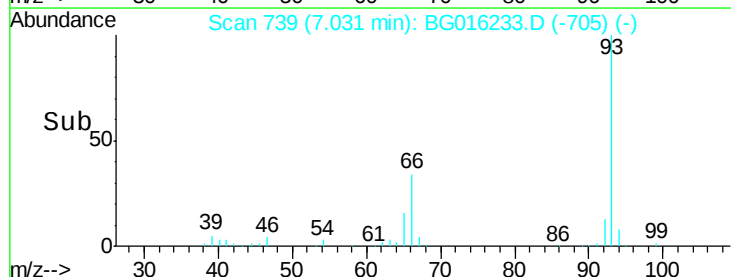
65 16.4 15.1 22.7



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 162.76 ng

RT: 6.88 min Scan# 713

Delta R.T. 0.01 min

Lab File: BG016233.D

Acq: 6 Apr 2015 20:50

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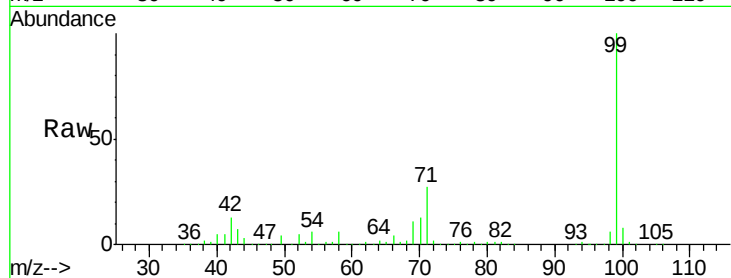
Tgt Ion: 99 Resp: 1014537

Ion Ratio Lower Upper

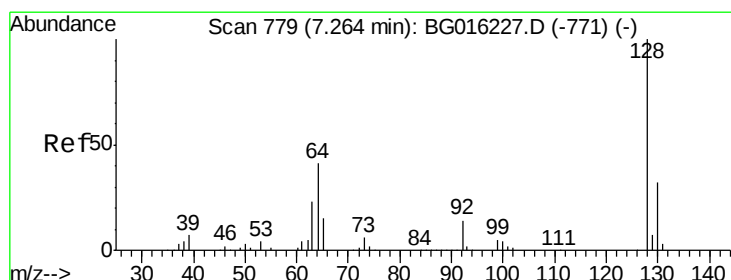
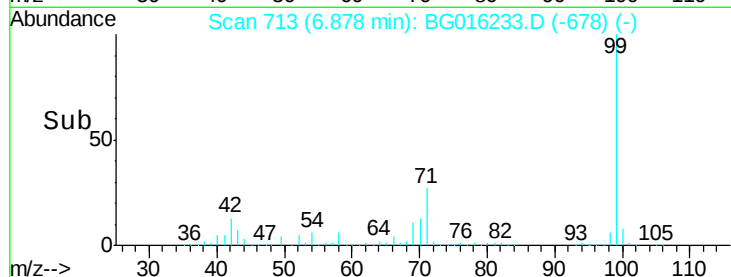
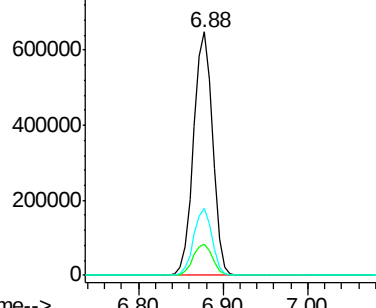
99 100

42 12.9 10.0 15.0

71 27.4 21.5 32.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 24.44 ng

RT: 7.27 min Scan# 779

Delta R.T. 0.00 min

Lab File: BG016233.D

Acq: 6 Apr 2015 20:50

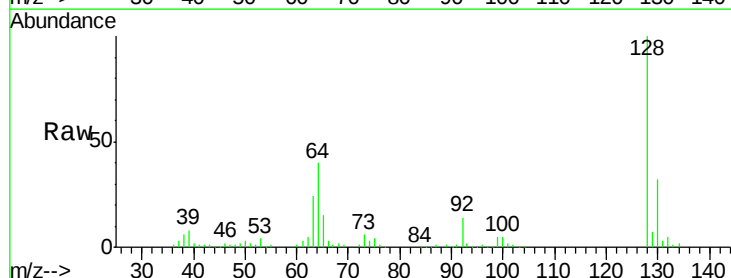
Tgt Ion: 128 Resp: 121863

Ion Ratio Lower Upper

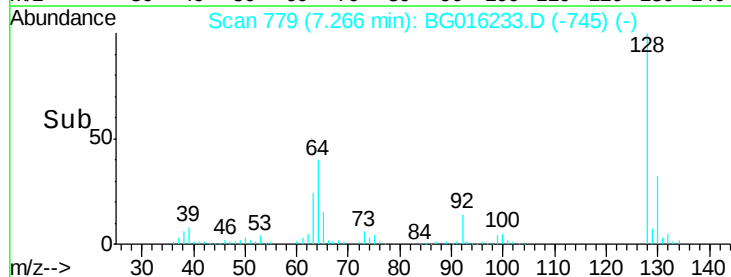
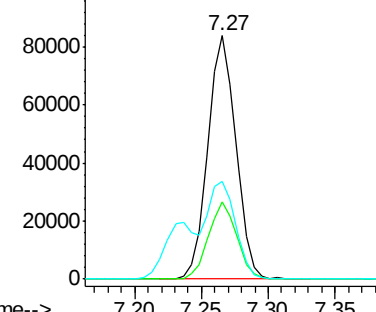
128 100

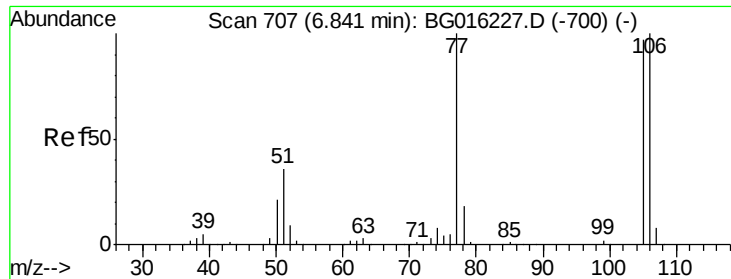
130 31.5 11.6 51.6

64 40.0 24.2 64.2



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





#9

Benzaldehyde

Concen: 25.20 ng

RT: 6.84 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG016233.D

Acq: 6 Apr 2015 20:50

Instrument :

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LOQ-WATER2015-02

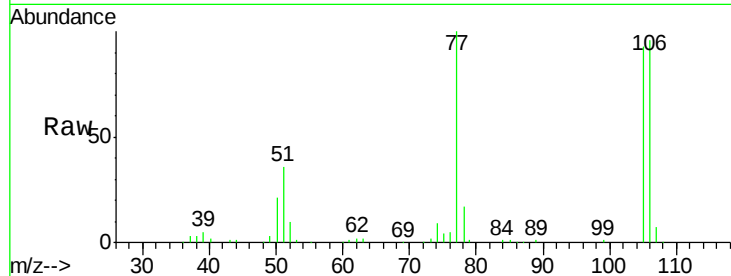
Tgt Ion: 77 Resp: 92021

Ion Ratio Lower Upper

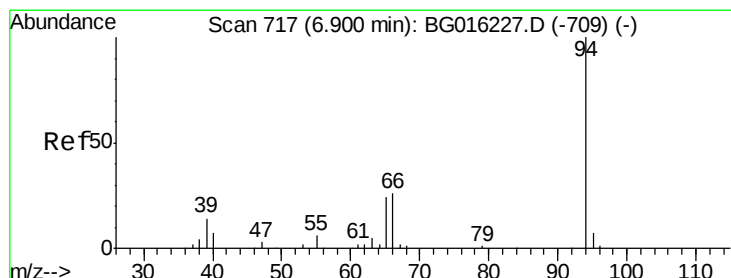
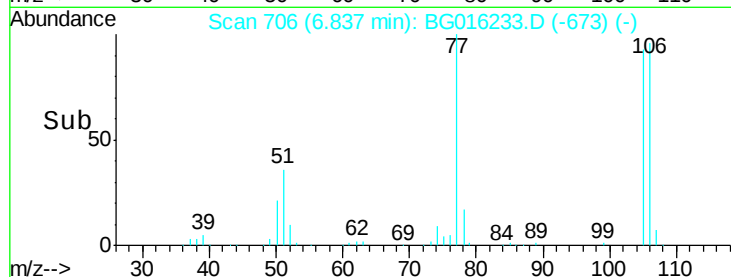
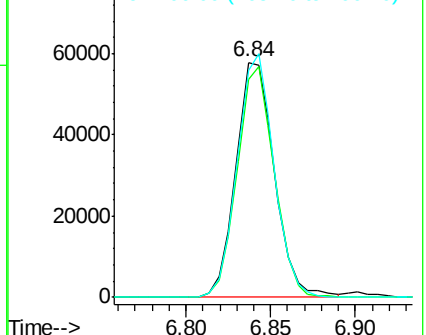
77 100

105 93.0 76.8 116.8

106 96.5 80.1 120.1



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: 24.28 ng

RT: 6.90 min Scan# 717

Delta R.T. 0.00 min

Lab File: BG016233.D

Acq: 6 Apr 2015 20:50

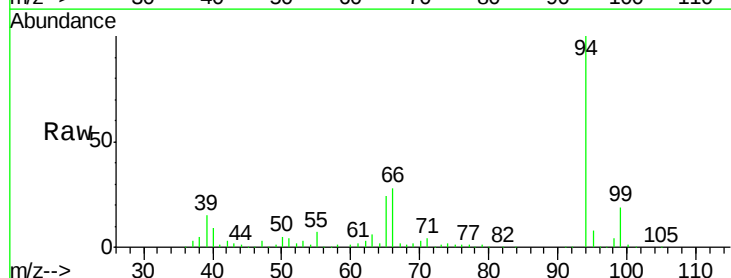
Tgt Ion: 94 Resp: 161930

Ion Ratio Lower Upper

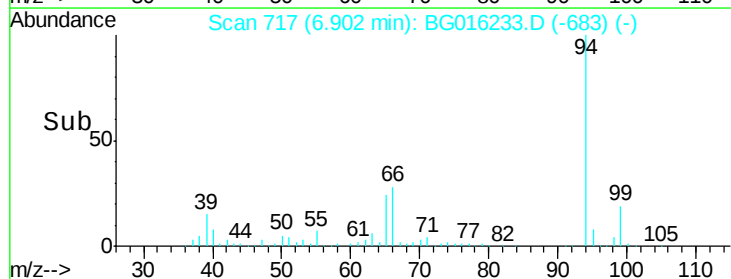
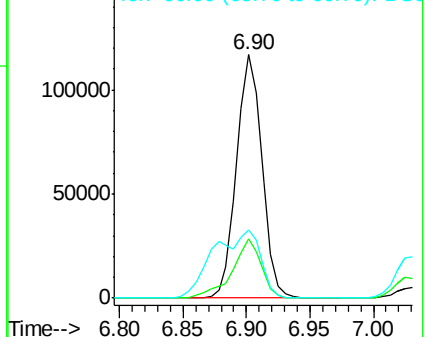
94 100

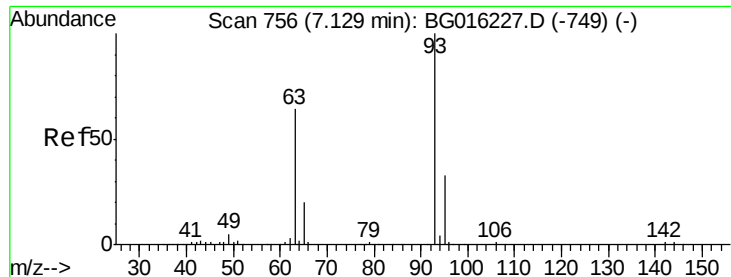
65 24.3 3.8 43.8

66 28.1 7.4 47.4



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

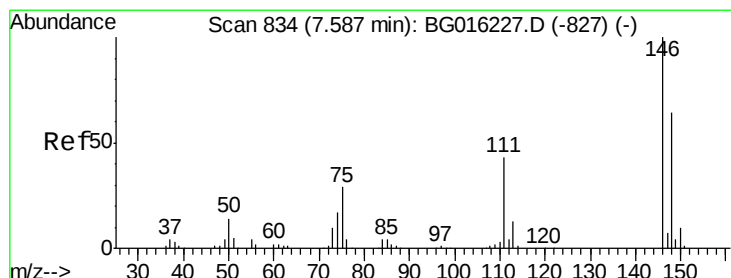
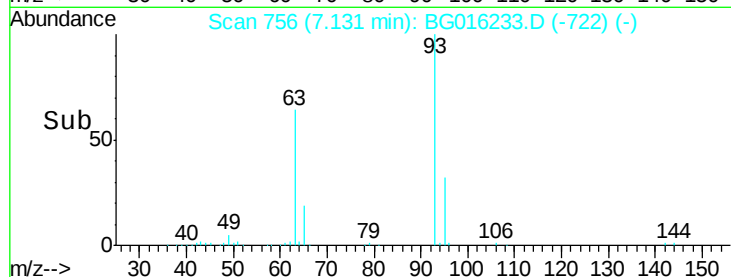
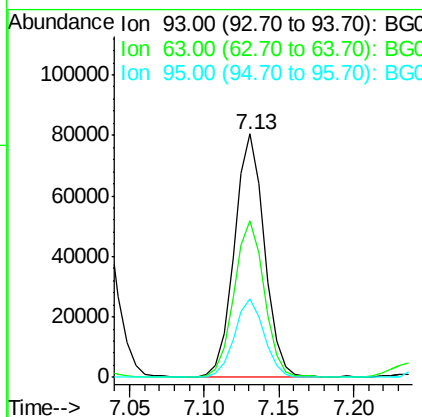
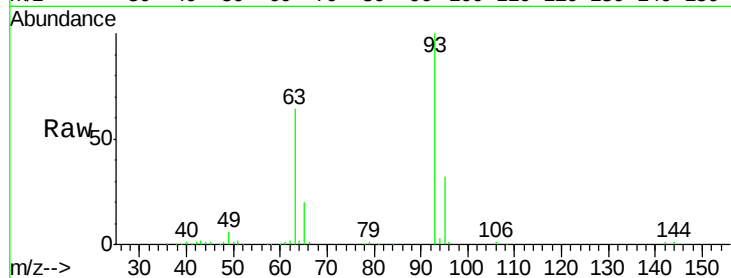




#11
bis(2-Chloroethyl)ether
Concen: 21.14 ng
RT: 7.13 min Scan# 756
Delta R.T. 0.00 min
Lab File: BG016233.D
Acq: 6 Apr 2015 20:50

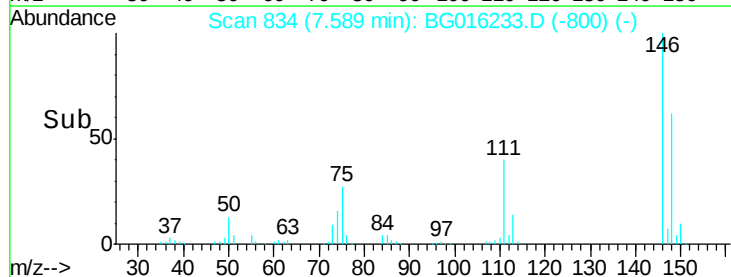
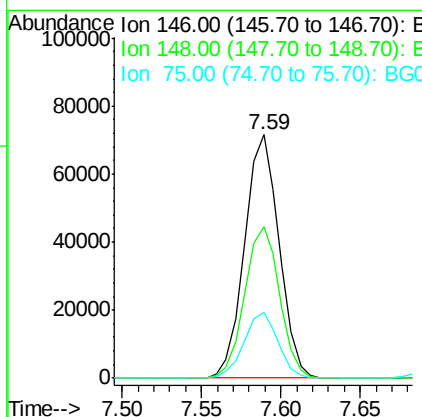
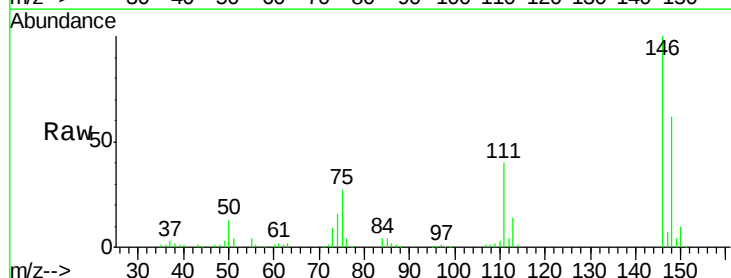
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2015-02

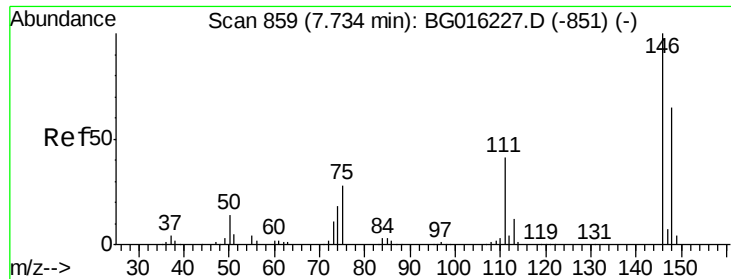
Tgt Ion: 93 Resp: 112421
Ion Ratio Lower Upper
93 100
63 64.5 44.1 84.1
95 32.4 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 21.46 ng
RT: 7.59 min Scan# 834
Delta R.T. 0.00 min
Lab File: BG016233.D
Acq: 6 Apr 2015 20:50

Tgt Ion: 146 Resp: 108074
Ion Ratio Lower Upper
146 100
148 62.5 50.9 76.3
75 27.2 23.3 34.9

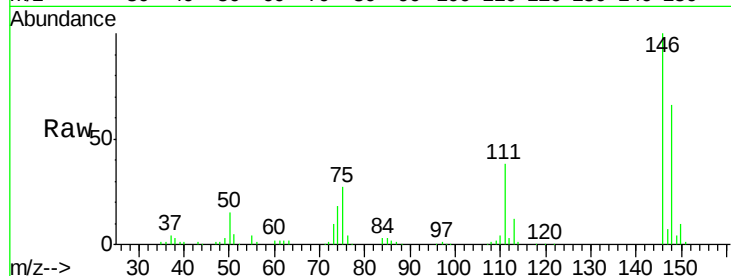




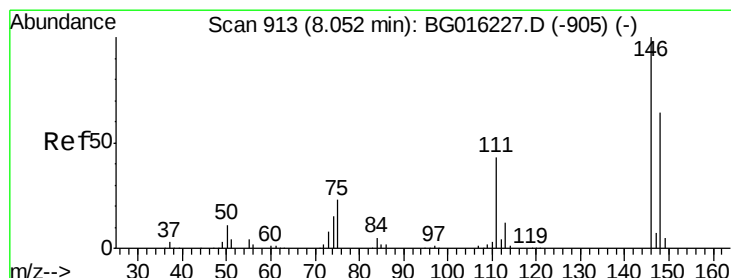
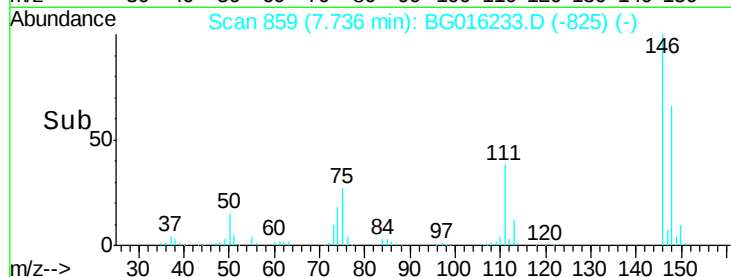
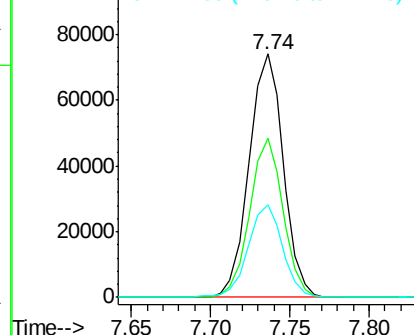
#13
 1,4-Dichlorobenzene
 Concen: 21.27 ng
 RT: 7.74 min Scan# 859
 Delta R.T. 0.00 min
 Lab File: BG016233.D
 Acq: 6 Apr 2015 20:50

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2015-02

Tgt Ion:146 Resp: 111115
 Ion Ratio Lower Upper
 146 100
 148 65.5 52.0 78.0
 111 38.0 32.6 49.0

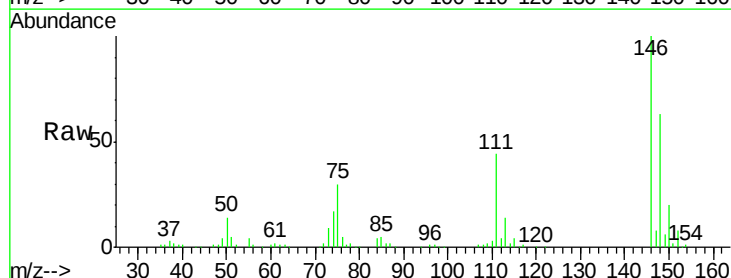


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

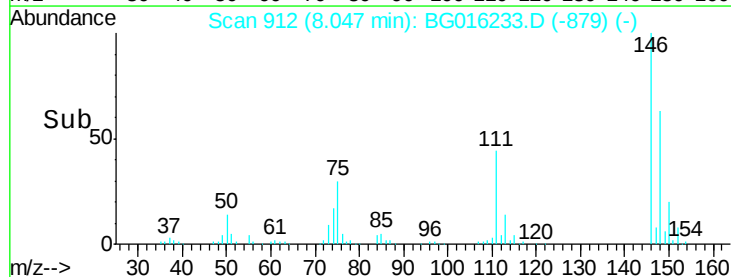
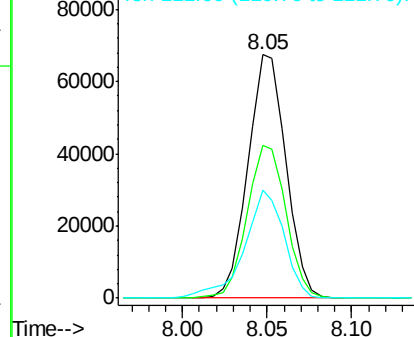


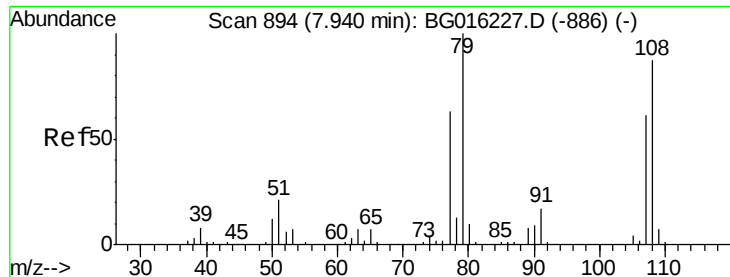
#14
 1,2-Dichlorobenzene
 Concen: 21.17 ng
 RT: 8.05 min Scan# 912
 Delta R.T. -0.00 min
 Lab File: BG016233.D
 Acq: 6 Apr 2015 20:50

Tgt Ion:146 Resp: 105763
 Ion Ratio Lower Upper
 146 100
 148 62.7 50.9 76.3
 111 44.1 34.7 52.1



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





#15

Benzyl Alcohol

Concen: 21.85 ng

RT: 7.94 min Scan# 893

Delta R.T. -0.00 min

Lab File: BG016233.D

Acq: 6 Apr 2015 20:50

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2015-02

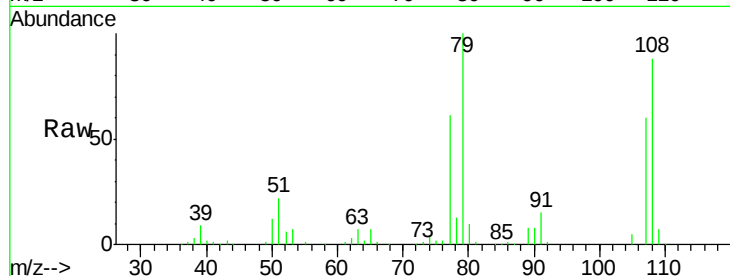
Tgt Ion: 79 Resp: 94932

Ion Ratio Lower Upper

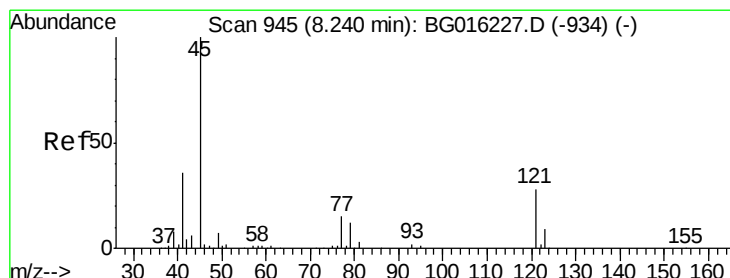
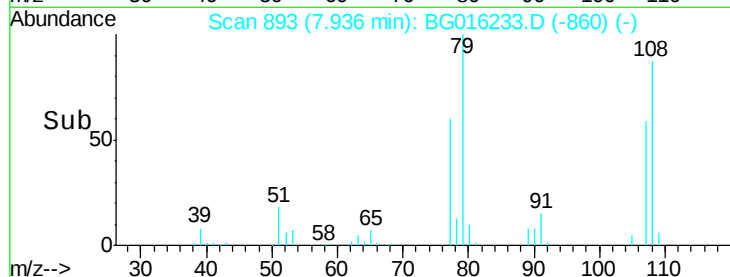
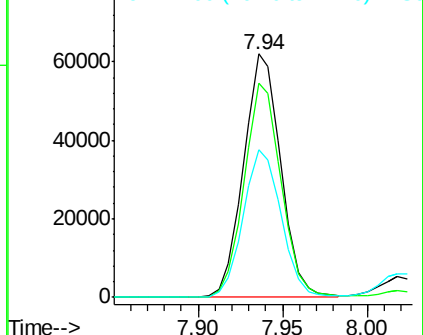
79 100

108 87.8 69.3 103.9

77 60.7 50.3 75.5



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: 21.40 ng

RT: 8.24 min Scan# 944

Delta R.T. -0.00 min

Lab File: BG016233.D

Acq: 6 Apr 2015 20:50

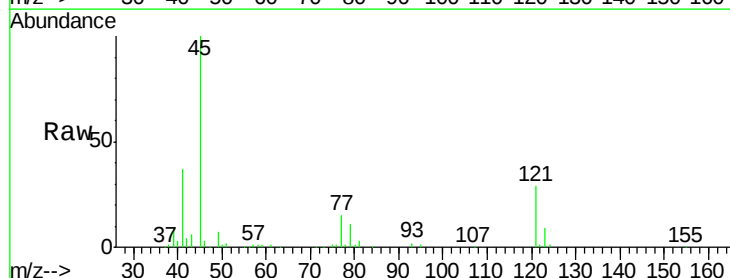
Tgt Ion: 45 Resp: 128201

Ion Ratio Lower Upper

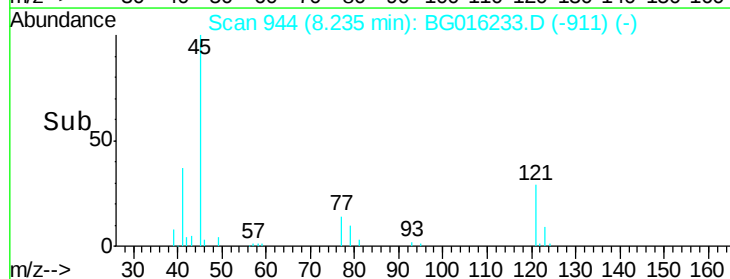
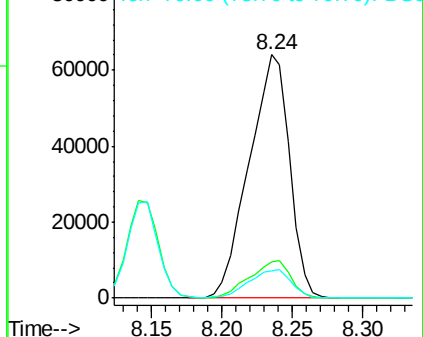
45 100

77 14.7 0.0 35.3

79 11.1 0.0 32.3



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

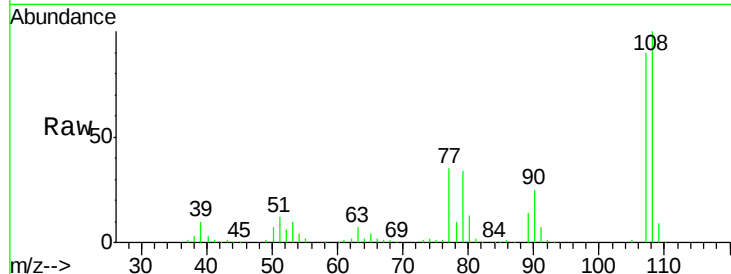




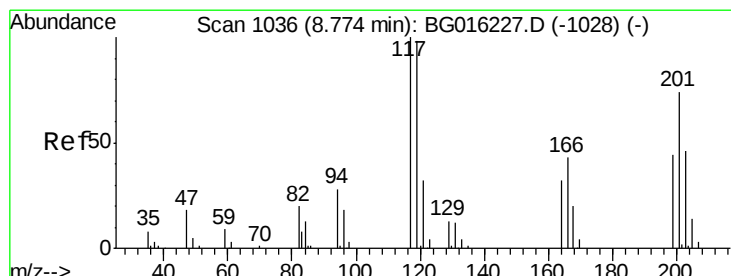
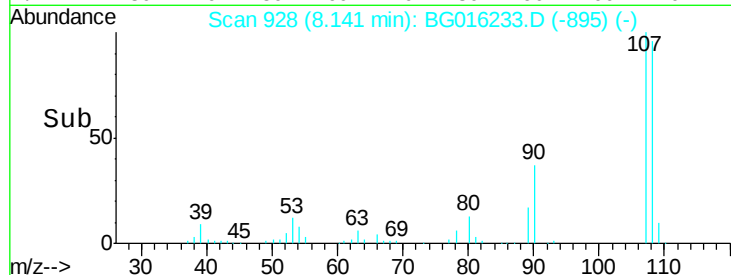
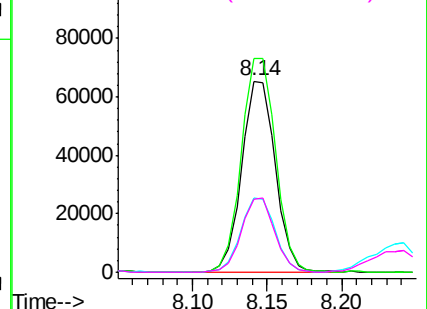
#17
2-Methylphenol
Concen: 22.89 ng
RT: 8.14 min Scan# 928
Delta R.T. -0.00 min
Lab File: BG016233.D
Acq: 6 Apr 2015 20:50

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2015-02

Tgt Ion:107 Resp: 102379
Ion Ratio Lower Upper
107 100
108 111.6 87.2 130.8
77 39.2 31.1 46.7
79 38.4 29.7 44.5

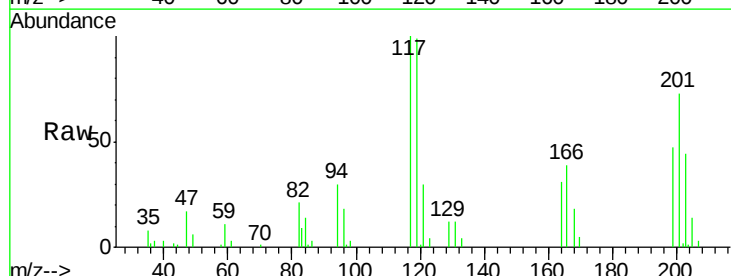


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

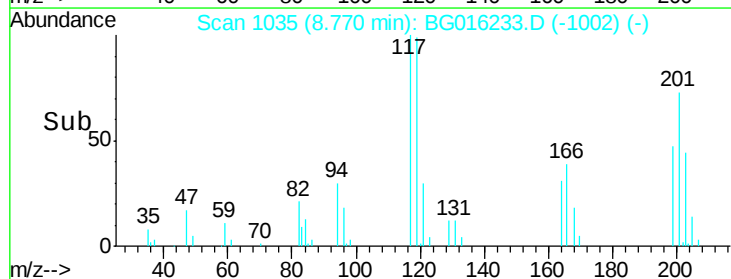
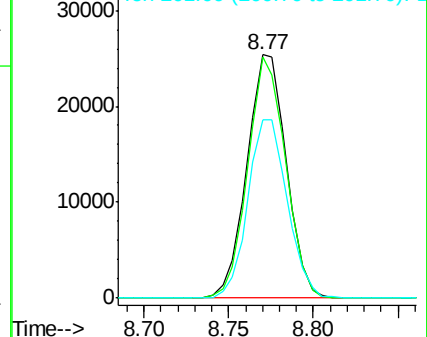


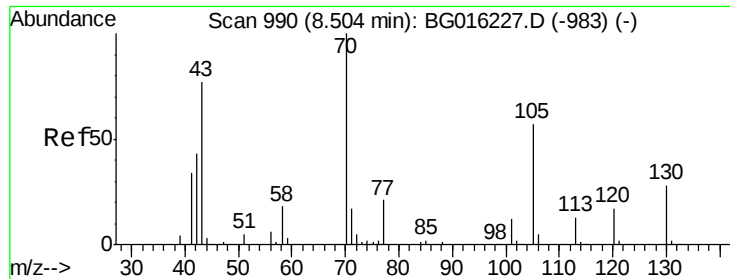
#18
Hexachloroethane
Concen: 20.60 ng
RT: 8.77 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BG016233.D
Acq: 6 Apr 2015 20:50

Tgt Ion:117 Resp: 41168
Ion Ratio Lower Upper
117 100
119 99.2 78.8 118.2
201 73.2 59.0 88.4



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

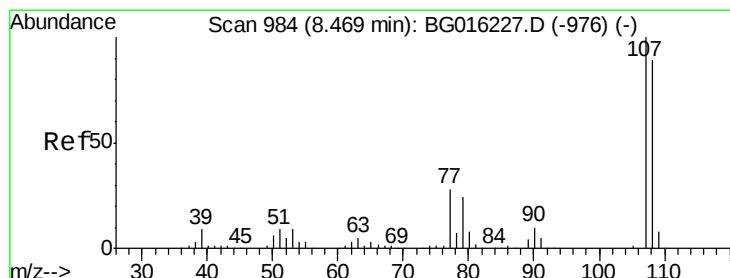
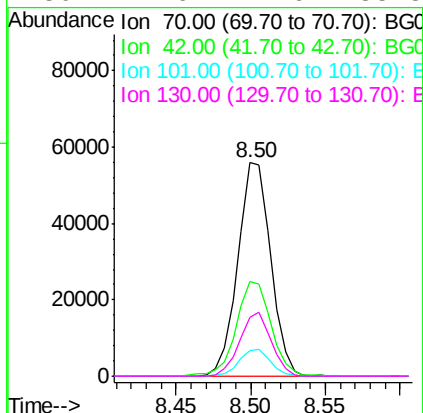
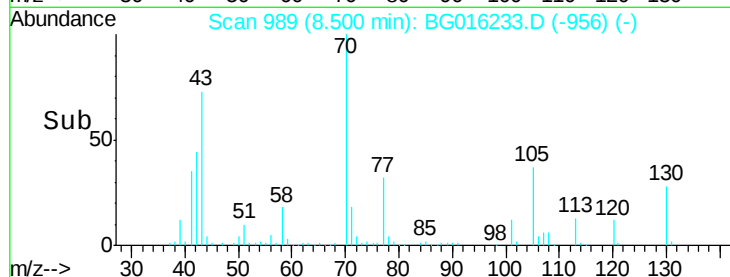
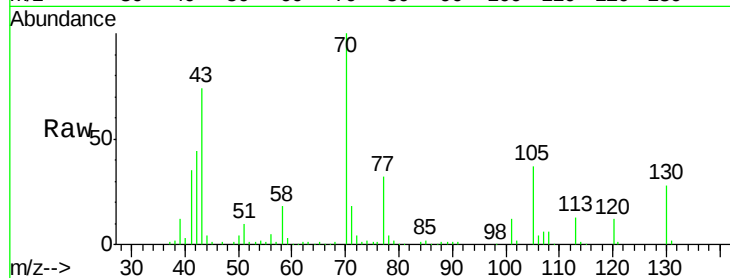




#19
n-Nitroso-di-n-propylamine
Concen: 19.19 ng
RT: 8.50 min Scan# 989
Delta R.T. -0.00 min
Lab File: BG016233.D
Acq: 6 Apr 2015 20:50

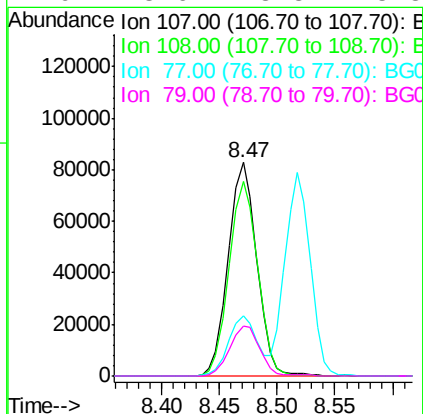
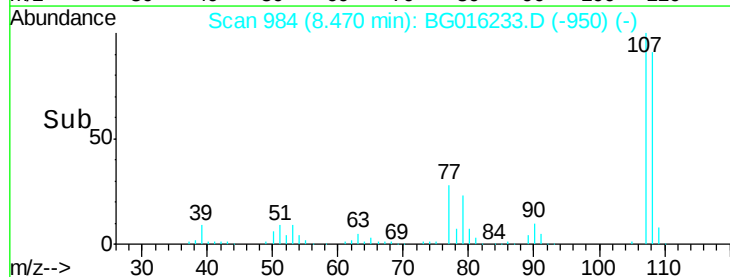
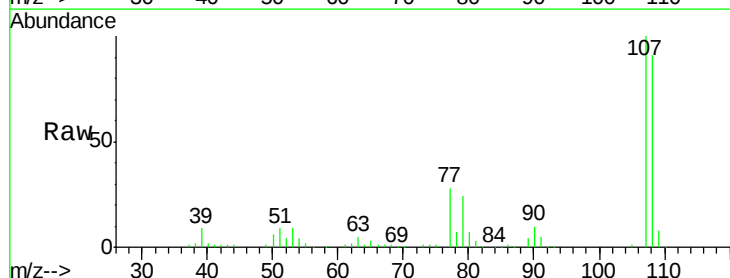
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2015-02

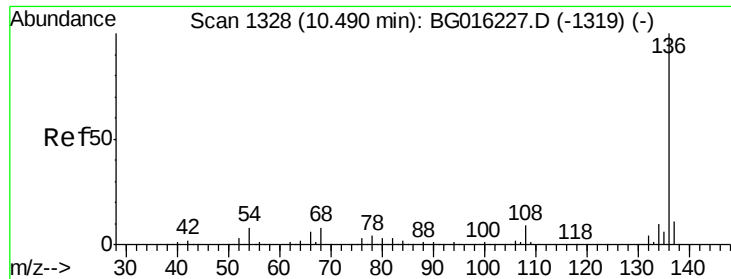
Tgt Ion: 70 Resp: 85718
Ion Ratio Lower Upper
70 100
42 44.3 34.7 52.1
101 12.0 9.2 13.8
130 27.6 22.6 33.8



#20
3+4-Methylphenols
Concen: 22.95 ng
RT: 8.47 min Scan# 984
Delta R.T. 0.00 min
Lab File: BG016233.D
Acq: 6 Apr 2015 20:50

Tgt Ion: 107 Resp: 142150
Ion Ratio Lower Upper
107 100
108 91.0 69.5 109.5
77 28.2 8.2 48.2
79 23.6 3.8 43.8

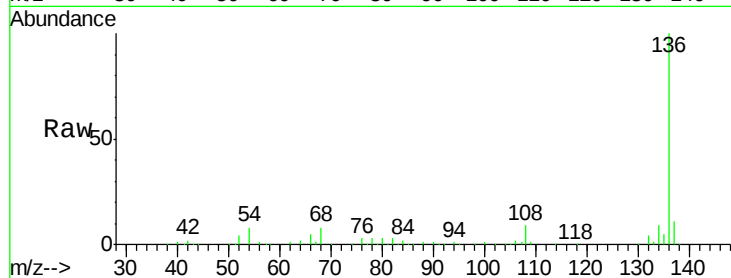




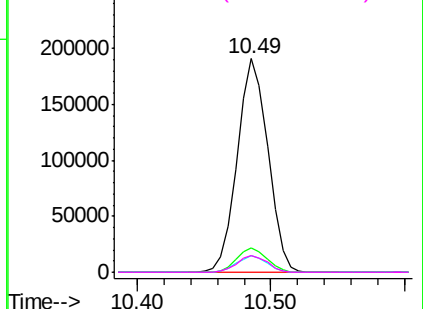
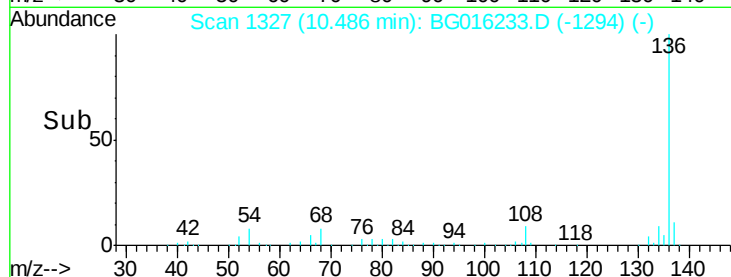
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.49 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BG016233.D
Acq: 6 Apr 2015 20:50

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2015-02

Tgt Ion:	136	Resp:	303583
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	7.7	6.3	9.5
68	7.5	6.5	9.7

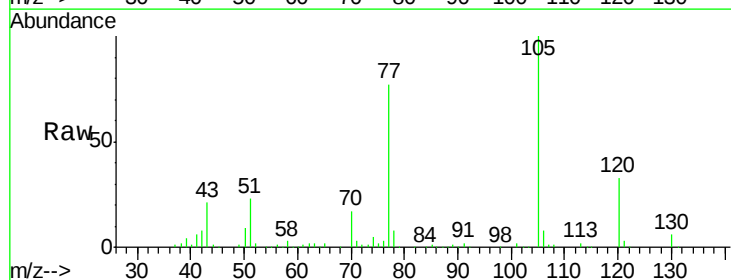


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

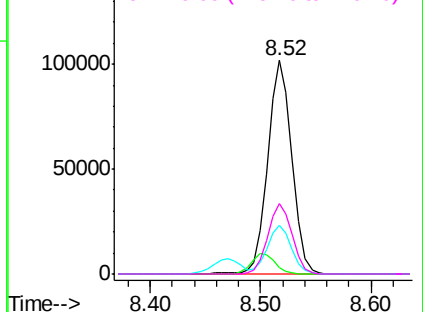
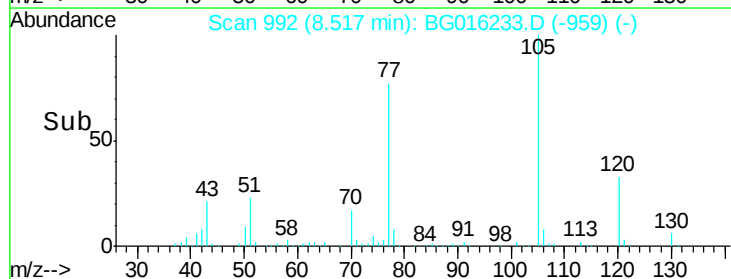


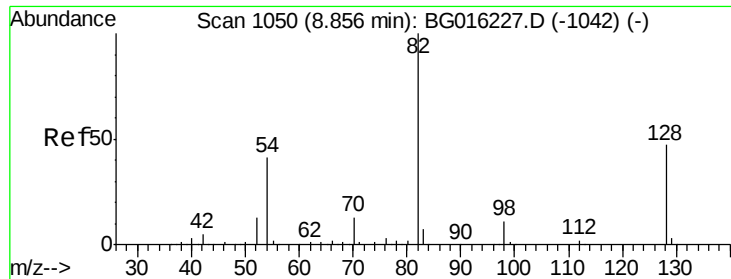
#22
Acetophenone
Concen: 22.07 ng
RT: 8.52 min Scan# 992
Delta R.T. -0.00 min
Lab File: BG016233.D
Acq: 6 Apr 2015 20:50

Tgt Ion:	105	Resp:	155355
Ion	Ratio	Lower	Upper
105	100		
71	3.0	2.0	3.0
51	23.0	17.9	26.9
120	33.1	26.3	39.5



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

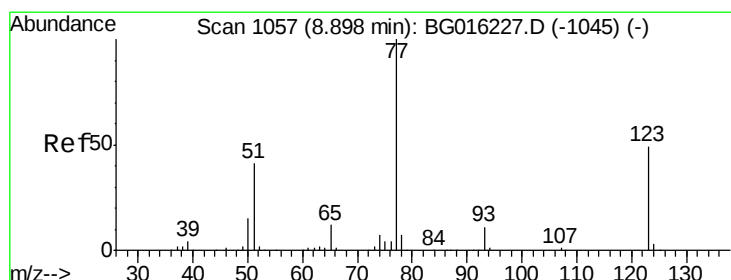
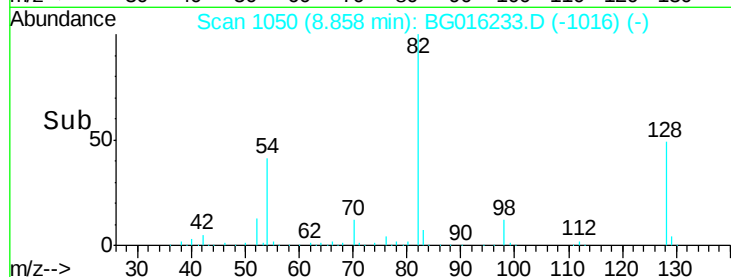
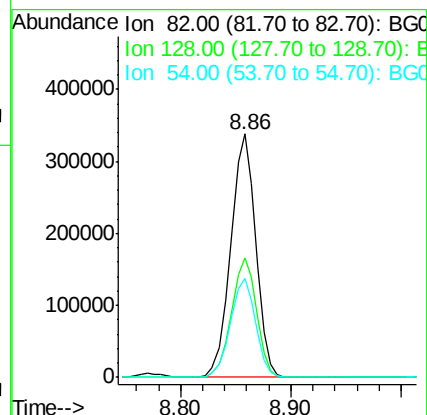
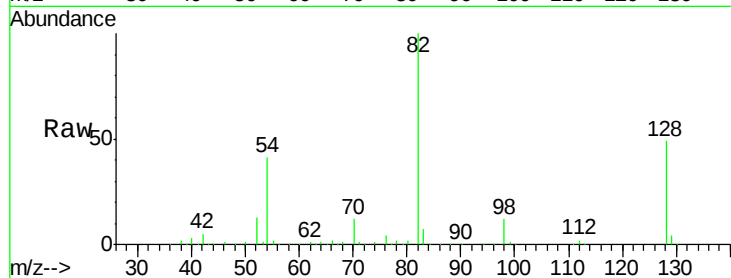




#23
 Nitrobenzene-d5
 Concen: 102.16 ng
 RT: 8.86 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BG016233.D
 Acq: 6 Apr 2015 20:50

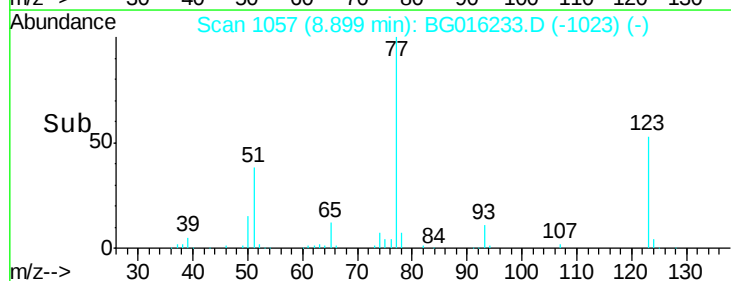
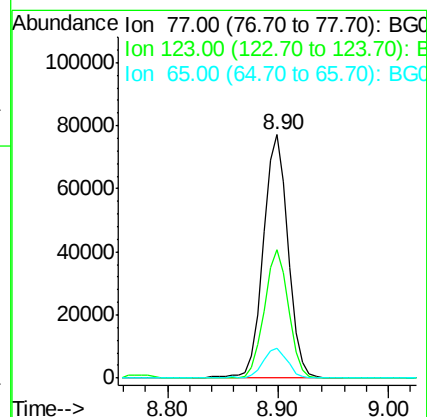
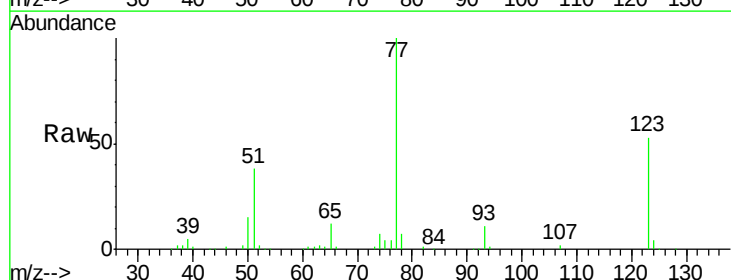
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2015-02

Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.2	37.8	56.8
54	40.6	32.6	49.0



#24
 Nitrobenzene
 Concen: 21.65 ng
 RT: 8.90 min Scan# 1057
 Delta R.T. 0.00 min
 Lab File: BG016233.D
 Acq: 6 Apr 2015 20:50

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.8	38.8	58.2
65	12.4	9.4	14.2





#25

Isophorone

Concen: 20.81 ng

RT: 9.42 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BG016233.D

Acq: 6 Apr 2015 20:50

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2015-02

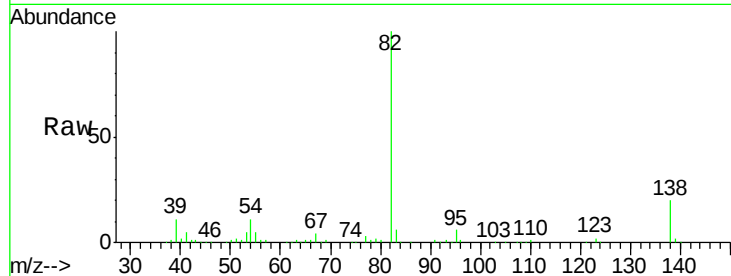
Tgt Ion: 82 Resp: 242203

Ion Ratio Lower Upper

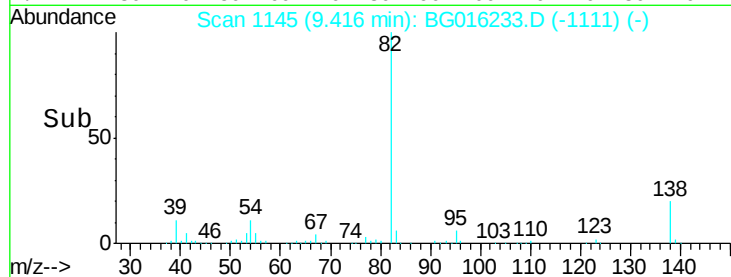
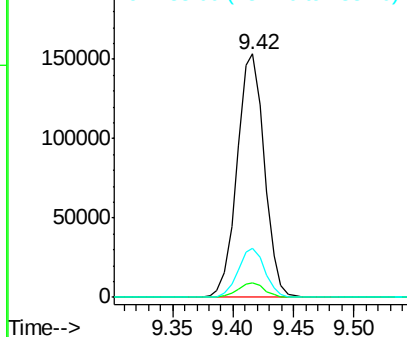
82 100

95 5.8 5.0 7.6

138 20.2 16.2 24.2



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: 22.98 ng

RT: 9.60 min Scan# 1177

Delta R.T. -0.00 min

Lab File: BG016233.D

Acq: 6 Apr 2015 20:50

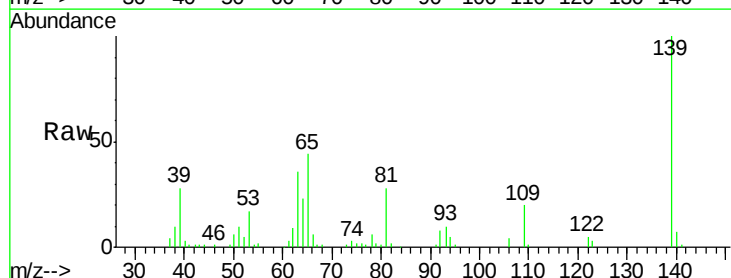
Tgt Ion: 139 Resp: 60047

Ion Ratio Lower Upper

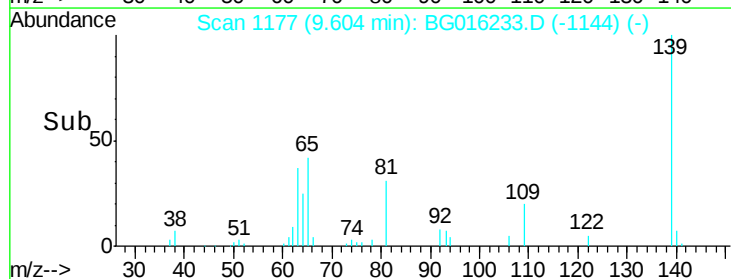
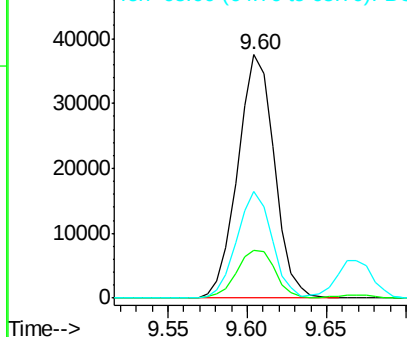
139 100

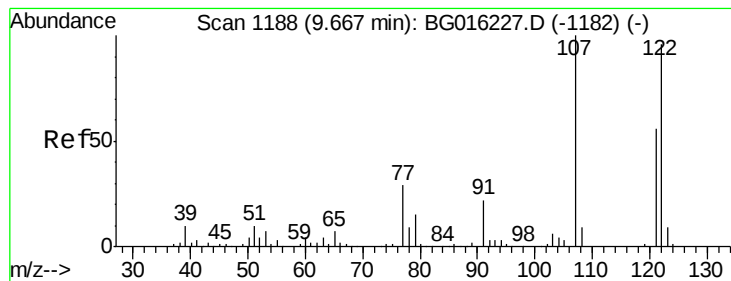
109 19.6 15.9 23.9

65 43.7 32.9 49.3



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: 23.43 ng

RT: 9.67 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BG016233.D

Acq: 6 Apr 2015 20:50

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2015-02

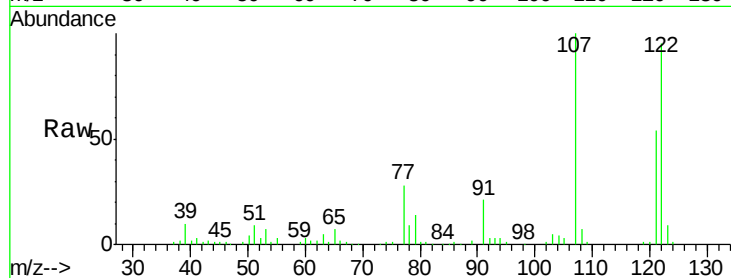
Tgt Ion:122 Resp: 114037

Ion Ratio Lower Upper

122 100

107 105.0 83.4 125.2

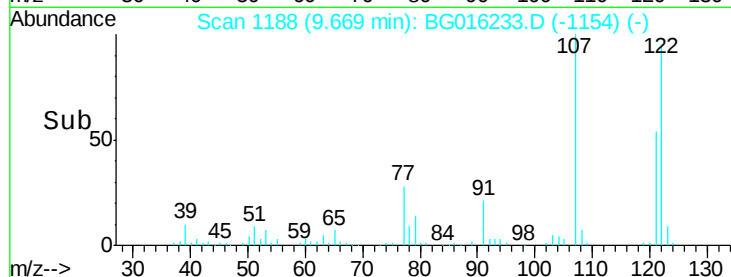
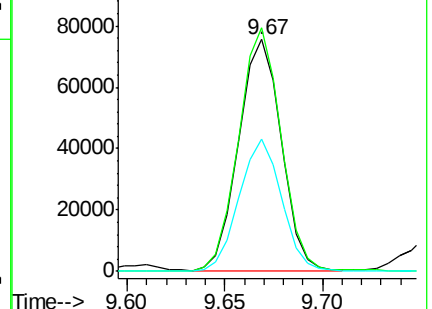
121 56.8 46.2 69.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 22.15 ng

RT: 9.90 min Scan# 1228

Delta R.T. 0.00 min

Lab File: BG016233.D

Acq: 6 Apr 2015 20:50

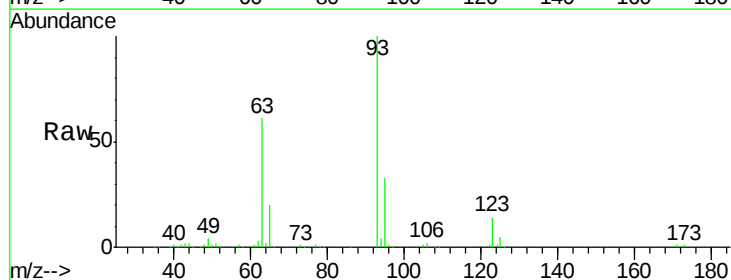
Tgt Ion: 93 Resp: 147144

Ion Ratio Lower Upper

93 100

95 32.6 26.1 39.1

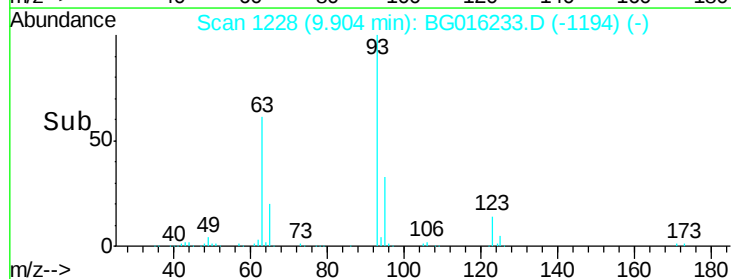
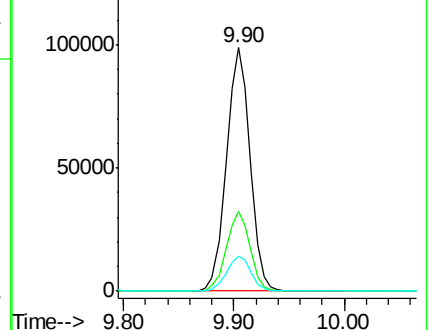
123 14.2 11.8 17.8

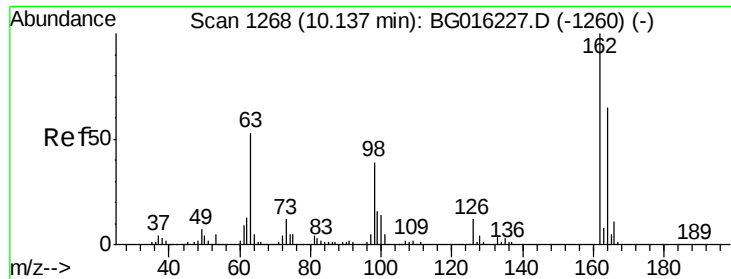


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

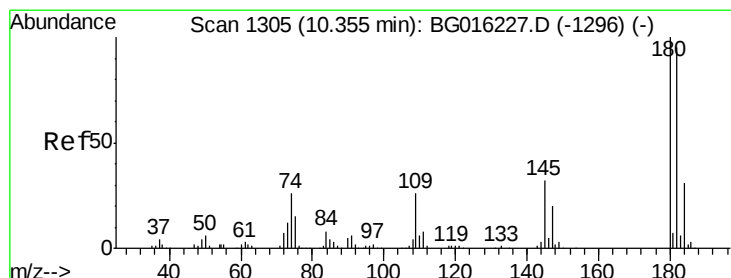
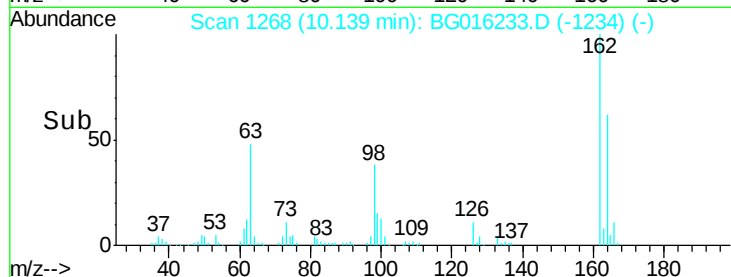
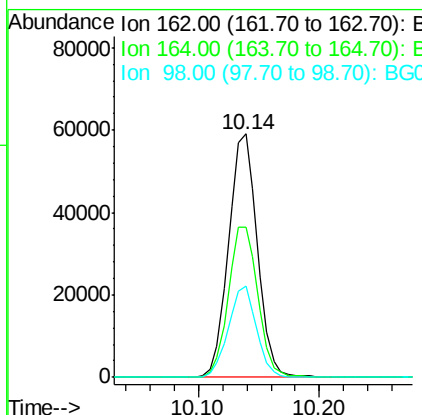
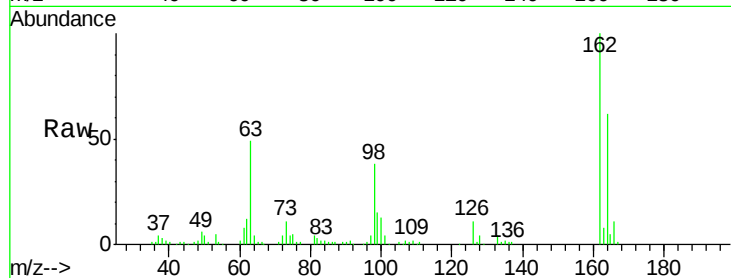




#29
 2,4-Dichlorophenol
 Concen: 25.46 ng
 RT: 10.14 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: BG016233.D
 Acq: 6 Apr 2015 20:50

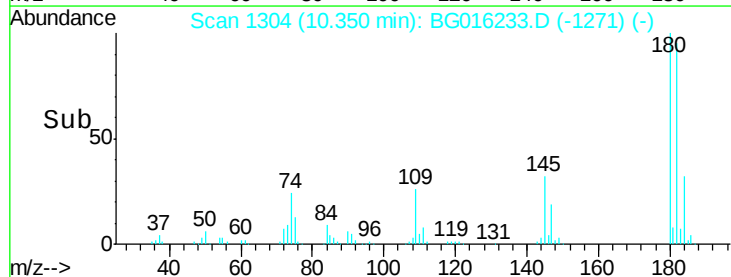
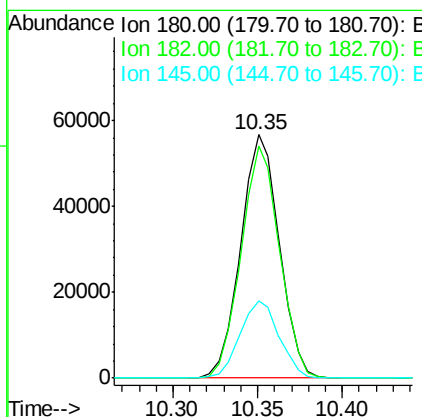
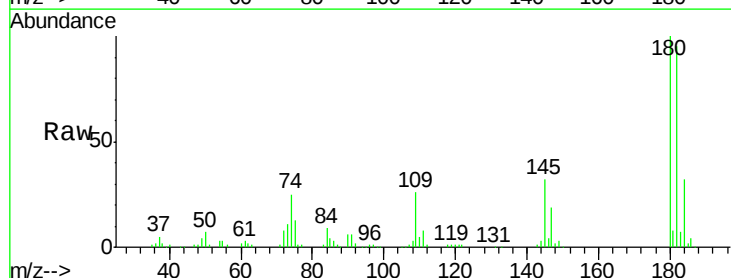
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2015-02

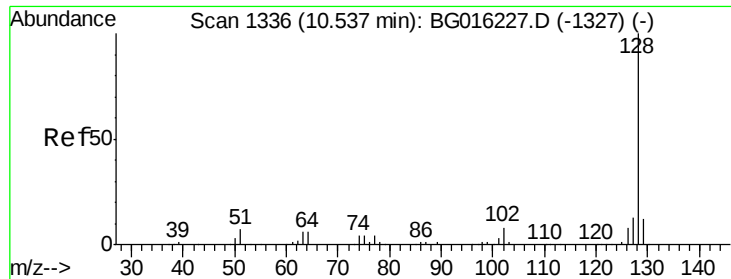
Tgt Ion:162 Resp: 98073
 Ion Ratio Lower Upper
 162 100
 164 61.6 45.0 85.0
 98 37.7 19.1 59.1



#30
 1,2,4-Trichlorobenzene
 Concen: 22.38 ng
 RT: 10.35 min Scan# 1304
 Delta R.T. -0.00 min
 Lab File: BG016233.D
 Acq: 6 Apr 2015 20:50

Tgt Ion:180 Resp: 90000
 Ion Ratio Lower Upper
 180 100
 182 95.5 76.3 114.5
 145 31.7 25.2 37.8

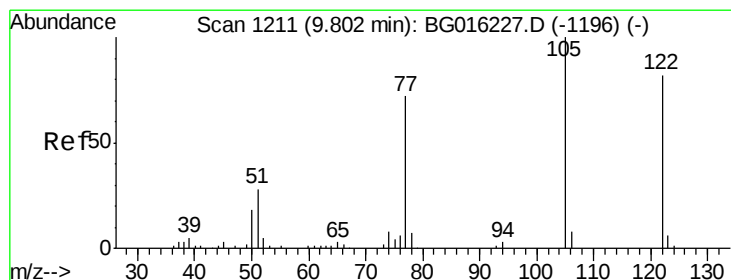
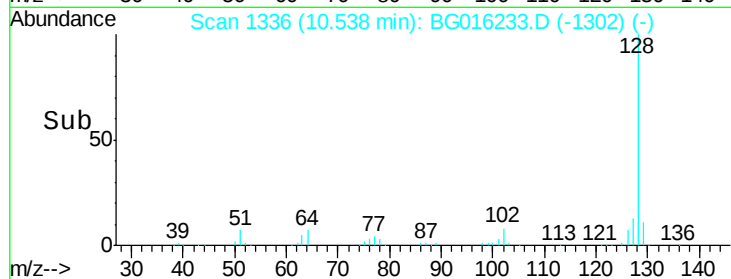
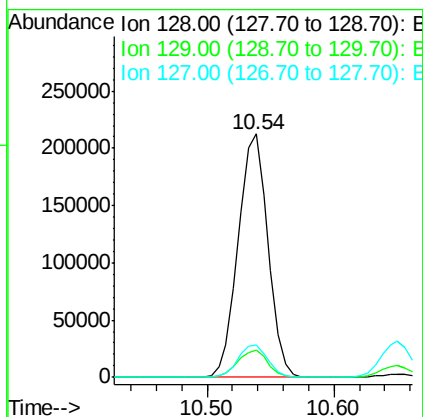
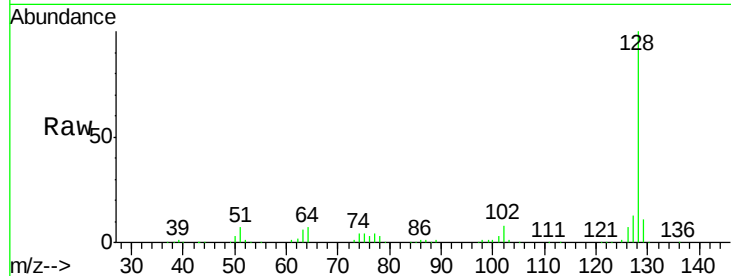




#31
Naphthalene
Concen: 21.85 ng
RT: 10.54 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BG016233.D
Acq: 6 Apr 2015 20:50

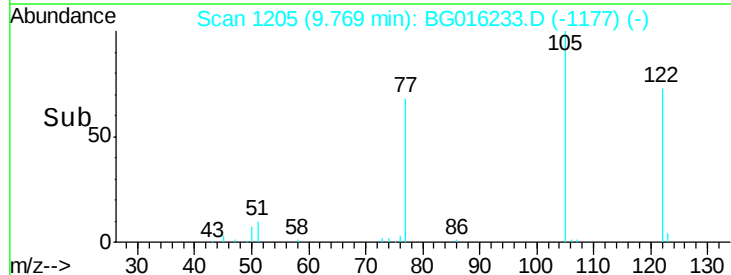
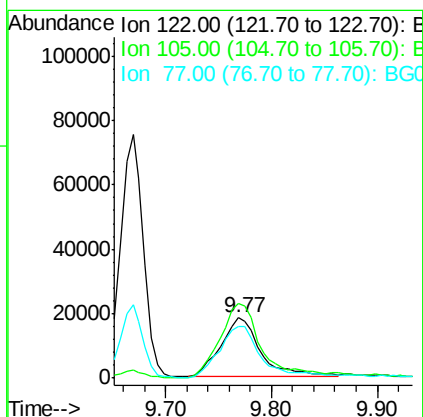
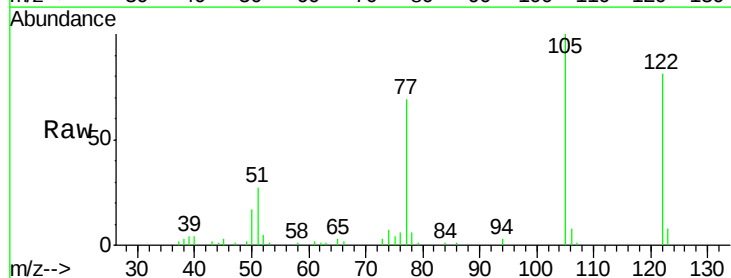
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2015-02

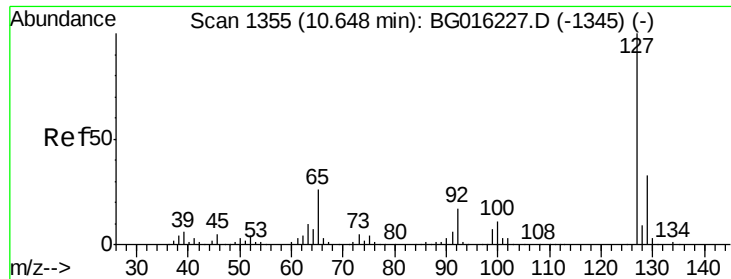
Tgt Ion:128 Resp: 345712
Ion Ratio Lower Upper
128 100
129 11.1 9.2 13.8
127 13.5 10.6 16.0



#32
Benzoic acid
Concen: 21.12 ng
RT: 9.77 min Scan# 1205
Delta R.T. -0.03 min
Lab File: BG016233.D
Acq: 6 Apr 2015 20:50

Tgt Ion:122 Resp: 48088
Ion Ratio Lower Upper
122 100
105 123.2 99.7 139.7
77 85.3 66.8 106.8

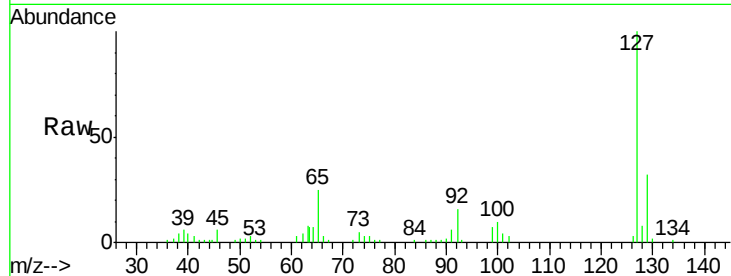




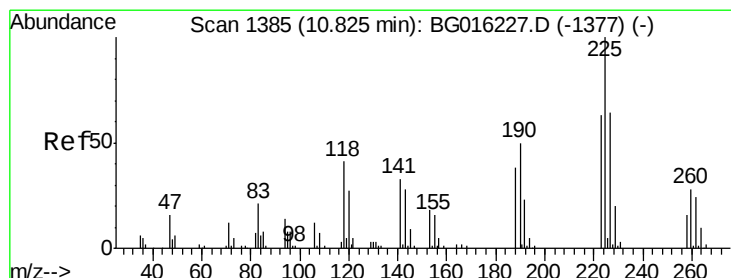
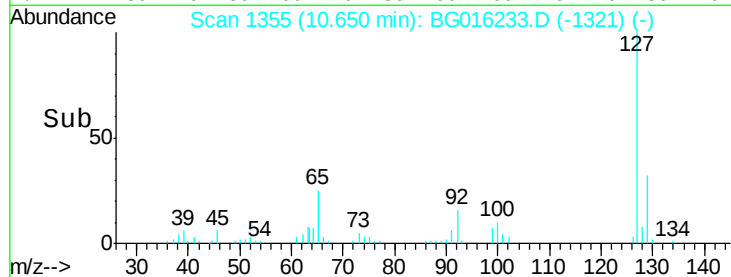
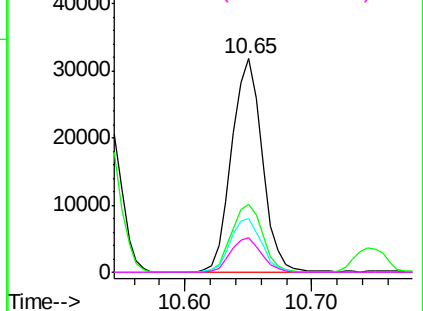
#33
4-Chloroaniline
Concen: 7.15 ng
RT: 10.65 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BG016233.D
Acq: 6 Apr 2015 20:50

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2015-02

Tgt Ion:	127	Resp:	53058
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.1	39.1
65	25.2	21.2	31.8
92	16.5	13.8	20.6

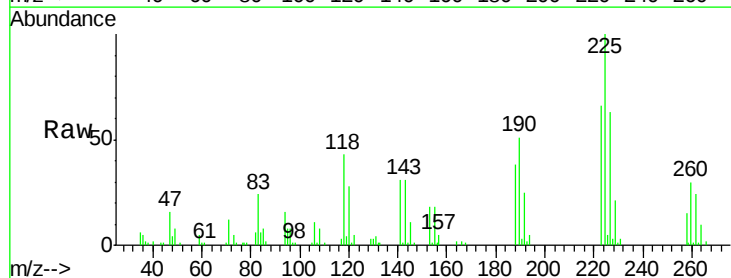


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

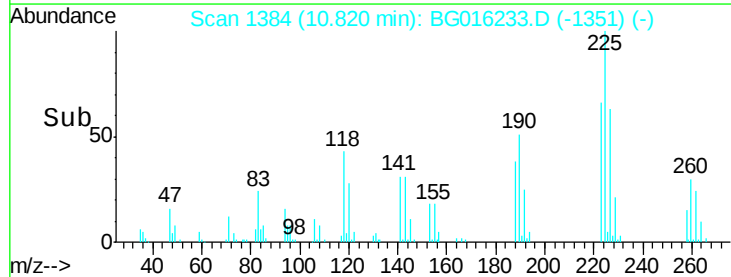
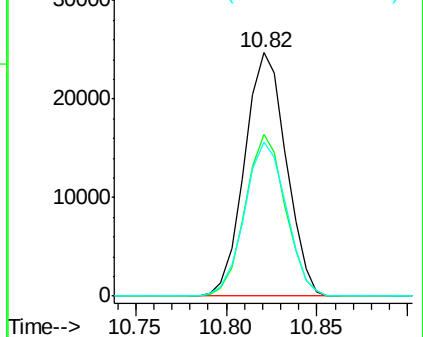


#34
Hexachlorobutadiene
Concen: 22.32 ng
RT: 10.82 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BG016233.D
Acq: 6 Apr 2015 20:50

Tgt Ion:	225	Resp:	39419
Ion	Ratio	Lower	Upper
225	100		
223	66.5	50.4	75.6
227	63.0	51.2	76.8



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: 22.40 ng

RT: 11.40 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BG016233.D

Acq: 6 Apr 2015 20:50

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2015-02

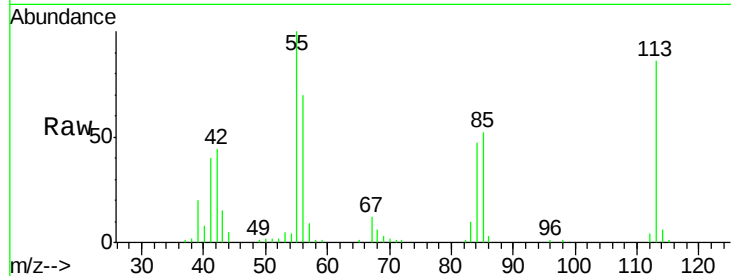
Tgt Ion:113 Resp: 54327

Ion Ratio Lower Upper

113 100

55 116.6 92.4 132.4

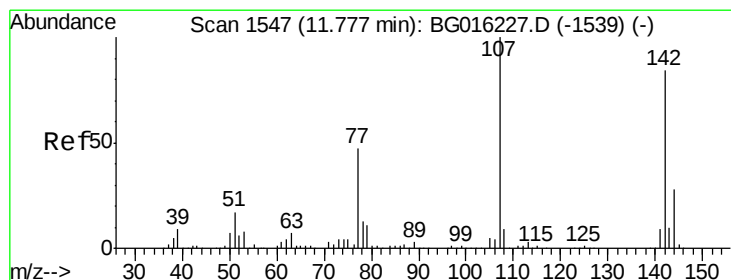
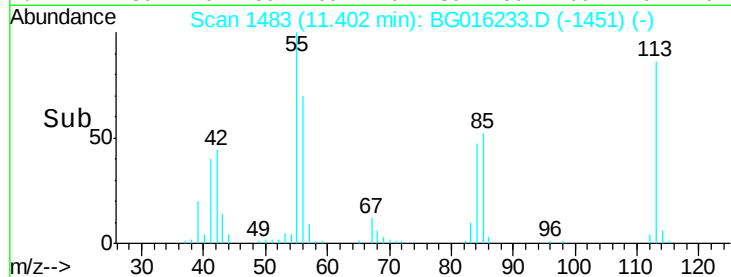
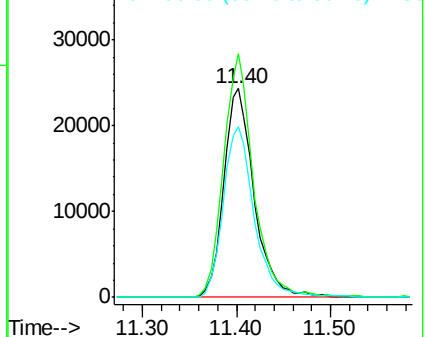
56 81.7 63.2 103.2



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: 23.30 ng

RT: 11.78 min Scan# 1547

Delta R.T. 0.00 min

Lab File: BG016233.D

Acq: 6 Apr 2015 20:50

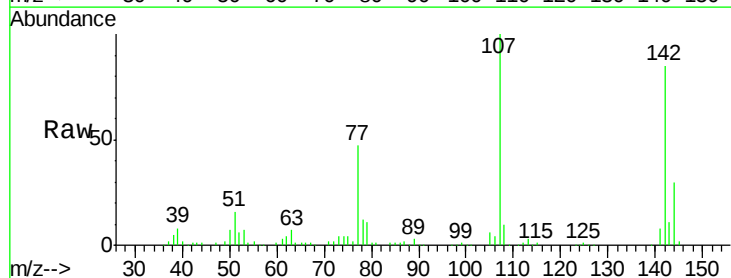
Tgt Ion:107 Resp: 118561

Ion Ratio Lower Upper

107 100

144 30.2 22.0 33.0

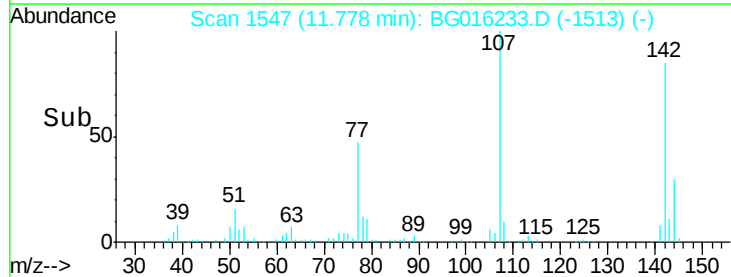
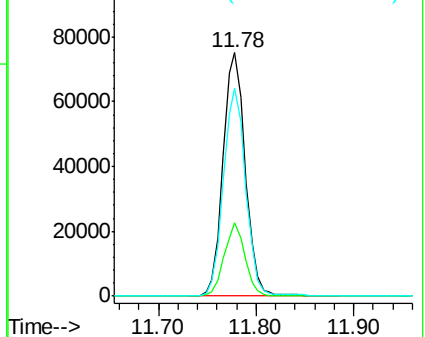
142 85.4 67.0 100.6



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

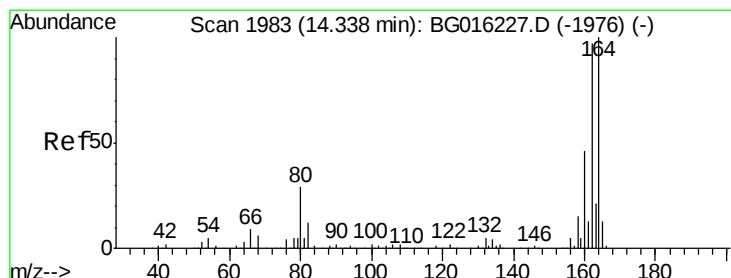
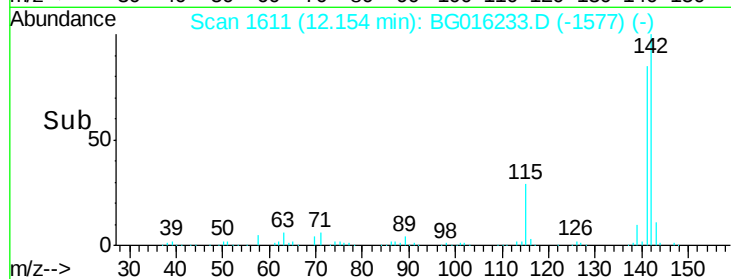
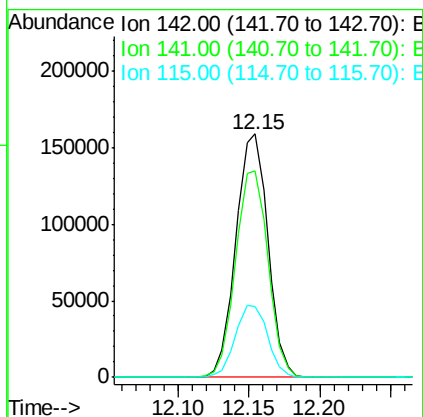
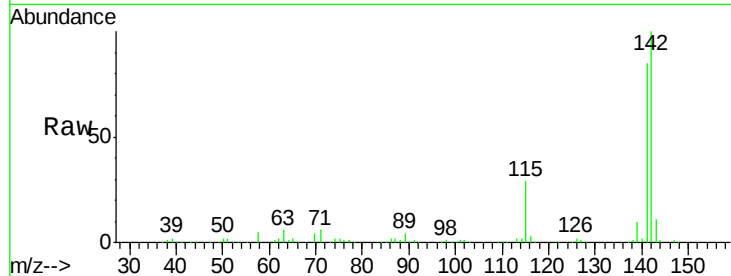




#37
2-Methylnaphthalene
Concen: 22.13 ng
RT: 12.15 min Scan# 1611
Delta R.T. 0.00 min
Lab File: BG016233.D
Acq: 6 Apr 2015 20:50

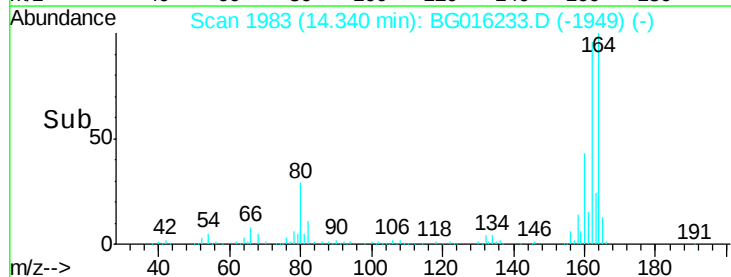
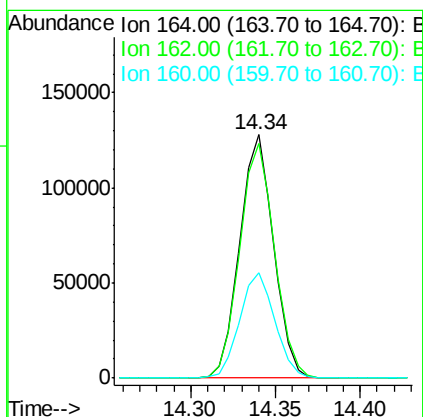
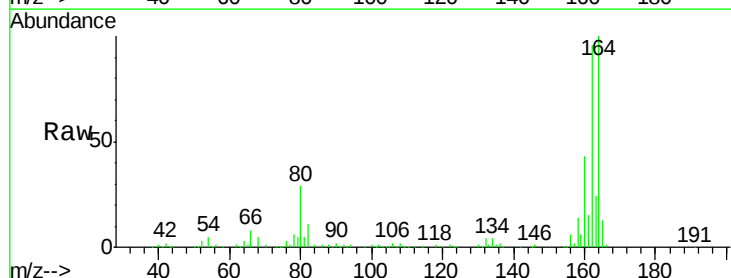
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2015-02

Tgt Ion:142 Resp: 251776
Ion Ratio Lower Upper
142 100
141 85.0 69.3 103.9
115 28.9 25.0 37.6



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.34 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BG016233.D
Acq: 6 Apr 2015 20:50

Tgt Ion:164 Resp: 178168
Ion Ratio Lower Upper
164 100
162 96.2 77.3 115.9
160 43.2 36.7 55.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 21.83 ng

RT: 12.52 min Scan# 1674

Delta R.T. 0.00 min

Lab File: BG016233.D

Acq: 6 Apr 2015 20:50

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2015-02

Tgt Ion:216 Resp: 85642

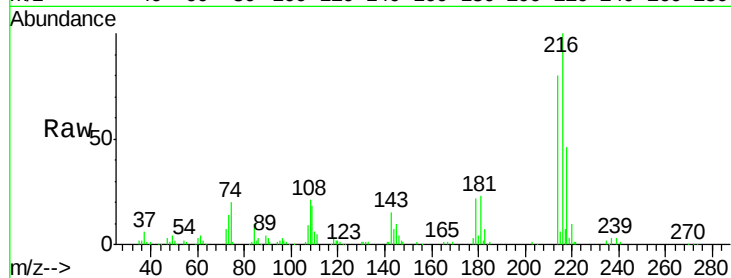
Ion Ratio Lower Upper

216 100

214 79.9 63.4 95.0

179 21.9 18.2 27.2

108 24.9 21.2 31.8

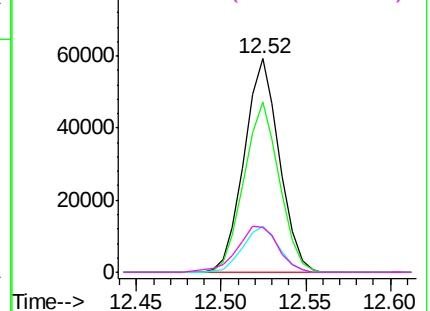
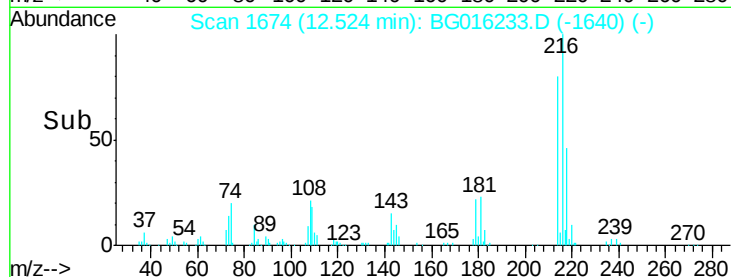


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 20.96 ng

RT: 12.50 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BG016233.D

Acq: 6 Apr 2015 20:50

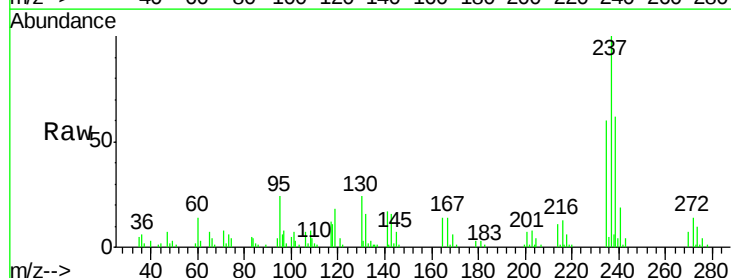
Tgt Ion:237 Resp: 37632

Ion Ratio Lower Upper

237 100

235 59.7 43.9 83.9

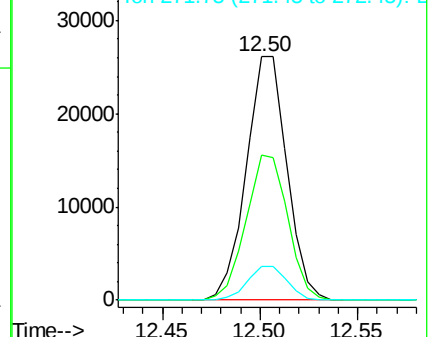
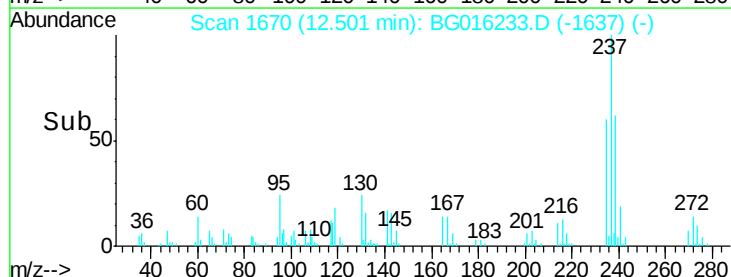
272 13.6 0.0 33.1

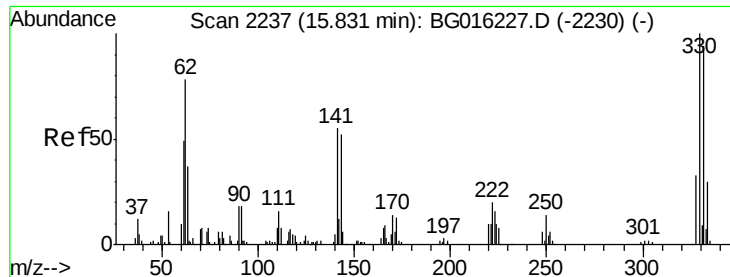


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 166.51 ng

RT: 15.83 min Scan# 2237

Delta R.T. 0.00 min

Lab File: BG016233.D

Acq: 6 Apr 2015 20:50

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2015-02

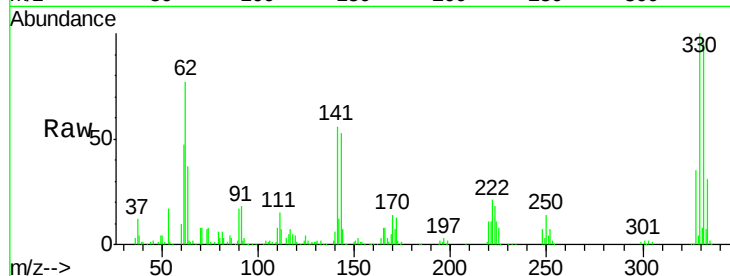
Tgt Ion:330 Resp: 200629

Ion Ratio Lower Upper

330 100

332 95.7 75.8 113.6

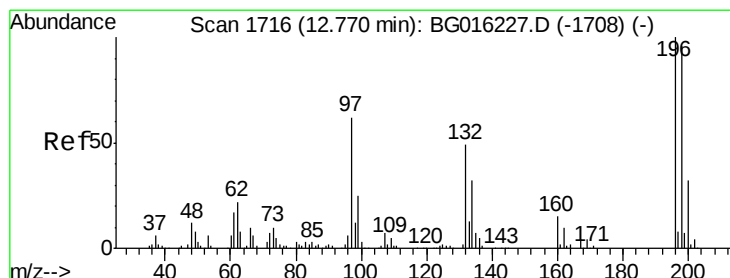
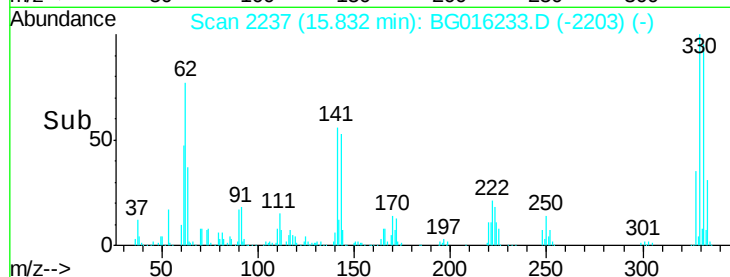
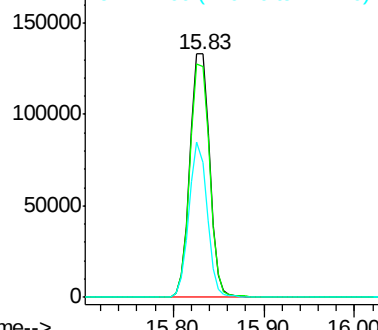
141 58.8 46.6 69.8



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 22.60 ng

RT: 12.77 min Scan# 1715

Delta R.T. -0.00 min

Lab File: BG016233.D

Acq: 6 Apr 2015 20:50

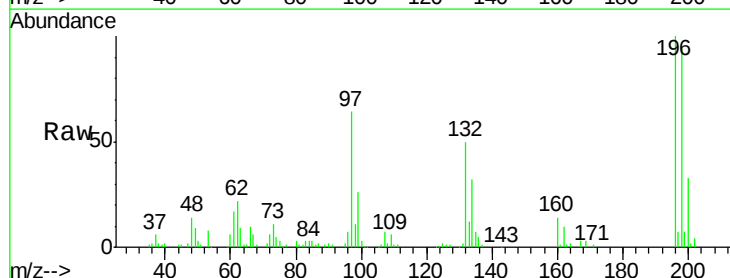
Tgt Ion:196 Resp: 65880

Ion Ratio Lower Upper

196 100

198 94.0 77.2 115.8

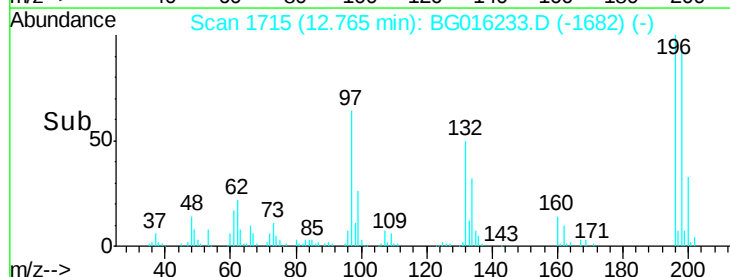
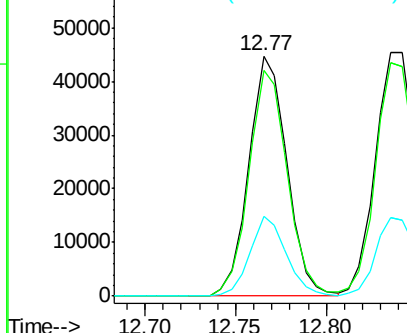
200 33.4 25.3 37.9



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

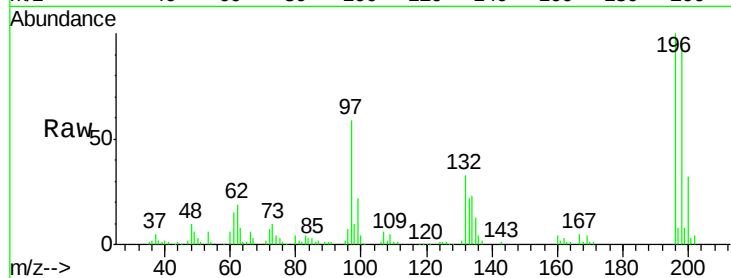




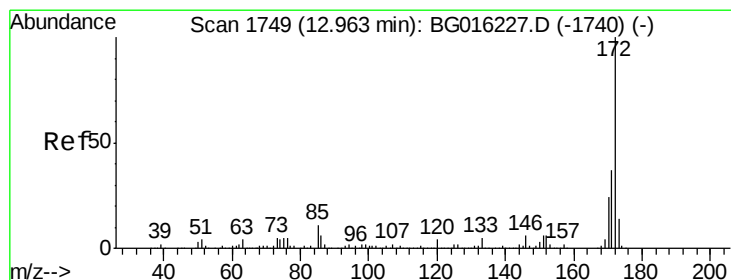
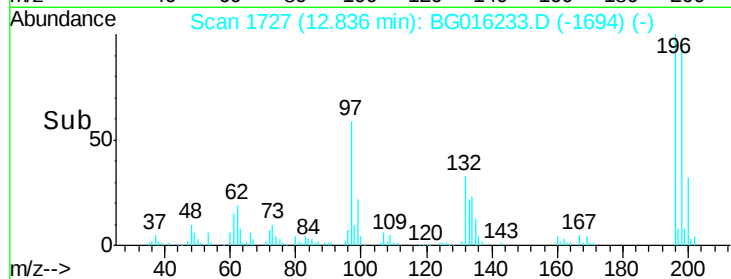
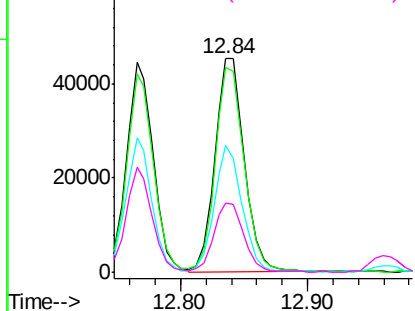
#43
 2,4,5-Trichlorophenol
 Concen: 23.38 ng
 RT: 12.84 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: BG016233.D
 Acq: 6 Apr 2015 20:50

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2015-02

Tgt Ion:196 Resp: 72826
 Ion Ratio Lower Upper
 196 100
 198 96.1 77.1 115.7
 97 59.1 46.6 69.8
 132 32.5 27.0 40.6

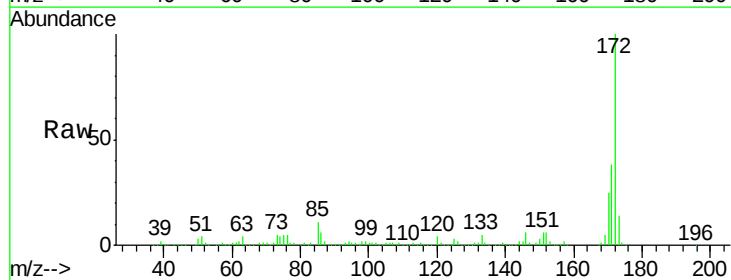


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

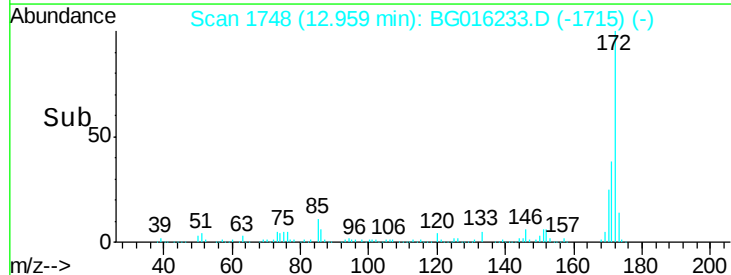
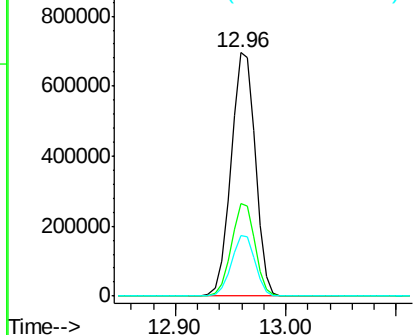


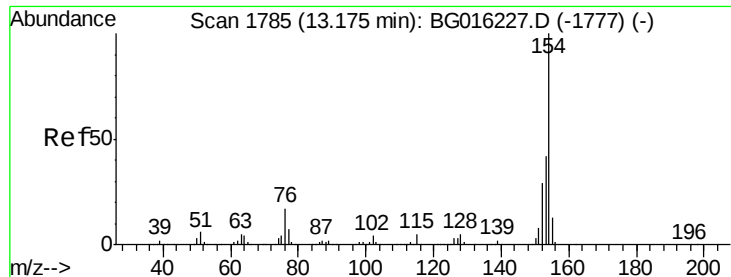
#44
 2-Fluorobiphenyl
 Concen: 102.34 ng
 RT: 12.96 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: BG016233.D
 Acq: 6 Apr 2015 20:50

Tgt Ion:172 Resp: 1070906
 Ion Ratio Lower Upper
 172 100
 171 38.1 29.6 44.4
 170 24.7 19.4 29.2



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

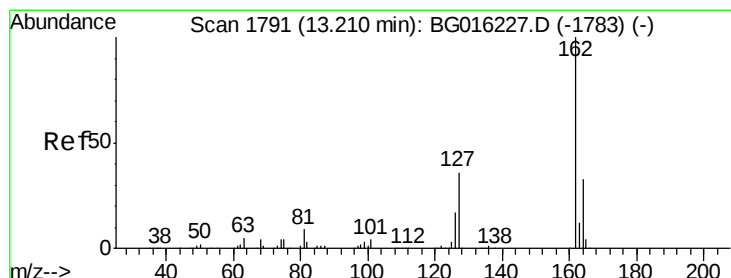
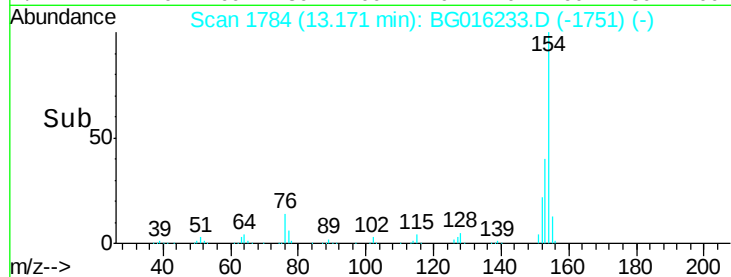
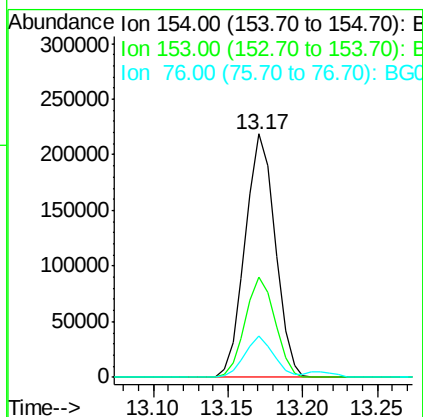
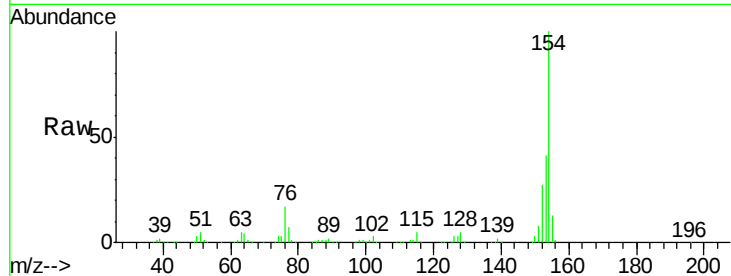




#45
 1,1'-Biphenyl
 Concen: 22.34 ng
 RT: 13.17 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: BG016233.D
 Acq: 6 Apr 2015 20:50

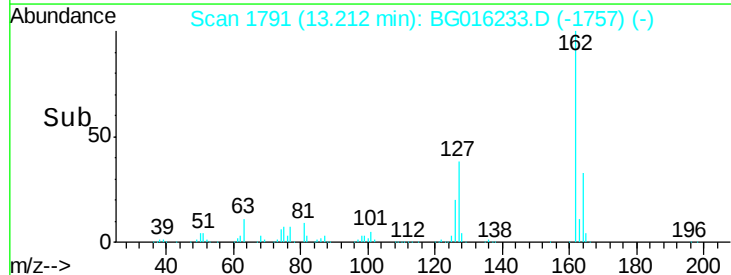
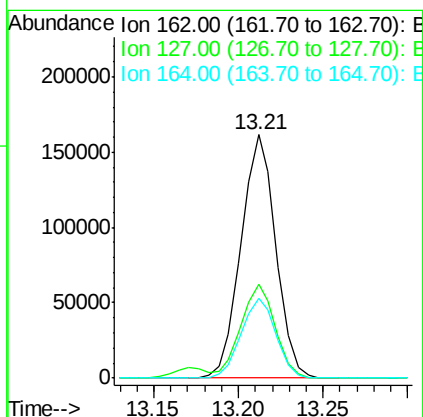
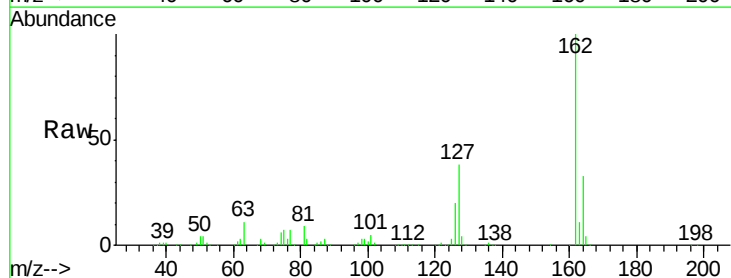
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2015-02

Tgt Ion:154 Resp: 305332
 Ion Ratio Lower Upper
 154 100
 153 41.2 22.4 62.4
 76 16.8 0.0 37.1



#46
 2-Chloronaphthalene
 Concen: 22.14 ng
 RT: 13.21 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: BG016233.D
 Acq: 6 Apr 2015 20:50

Tgt Ion:162 Resp: 230530
 Ion Ratio Lower Upper
 162 100
 127 38.4 30.8 46.2
 164 32.9 26.6 40.0

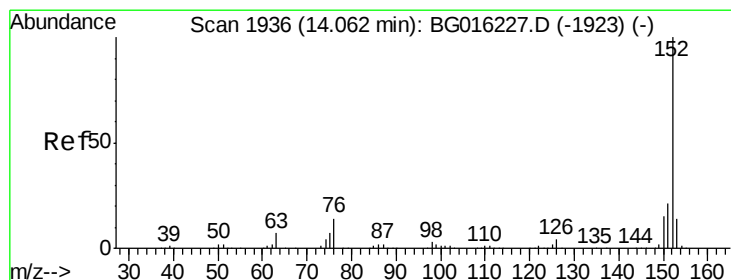
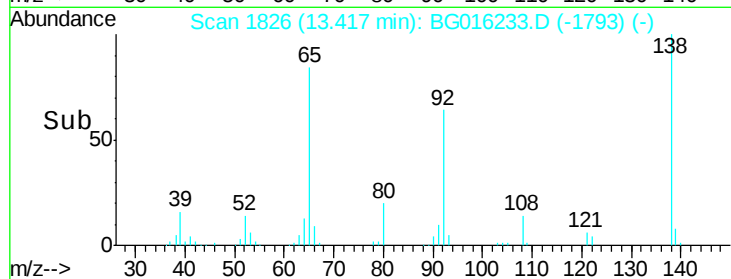
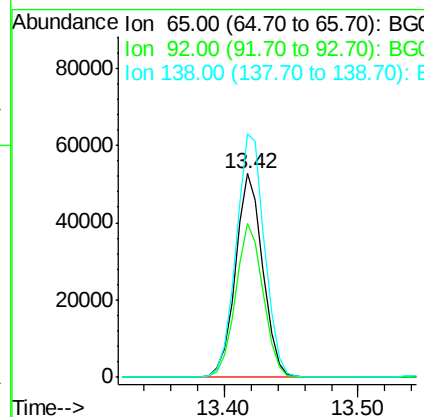
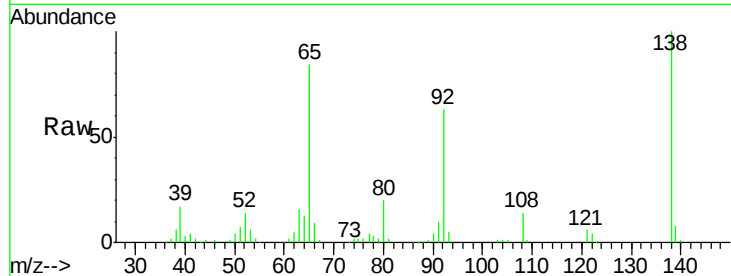




#47
 2-Nitroaniline
 Concen: 22.31 ng
 RT: 13.42 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: BG016233.D
 Acq: 6 Apr 2015 20:50

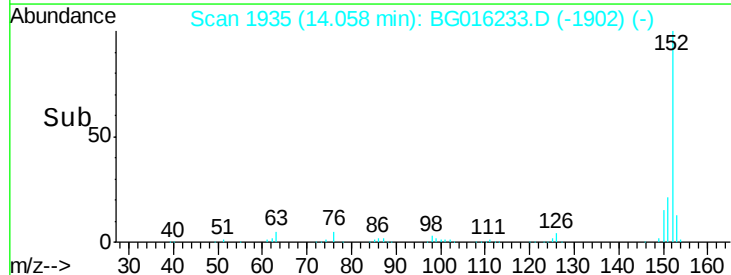
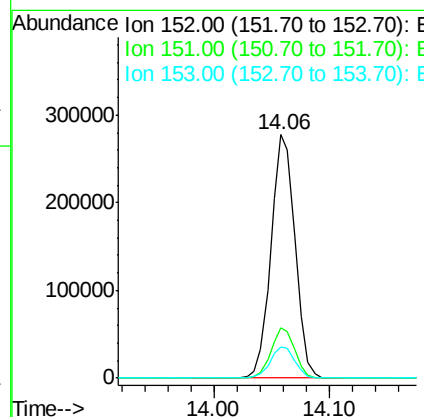
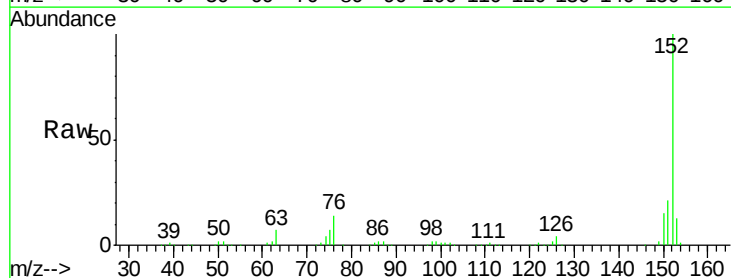
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2015-02

Tgt Ion: 65 Resp: 74865
 Ion Ratio Lower Upper
 65 100
 92 75.8 61.0 91.6
 138 119.5 98.7 148.1



#48
 Acenaphthylene
 Concen: 21.78 ng
 RT: 14.06 min Scan# 1935
 Delta R.T. -0.00 min
 Lab File: BG016233.D
 Acq: 6 Apr 2015 20:50

Tgt Ion: 152 Resp: 403236
 Ion Ratio Lower Upper
 152 100
 151 20.9 16.5 24.7
 153 13.0 11.1 16.7





#49

Dimethylphthalate

Concen: 22.37 ng

RT: 13.80 min Scan# 1891

Delta R.T. -0.00 min

Lab File: BG016233.D

Acq: 6 Apr 2015 20:50

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2015-02

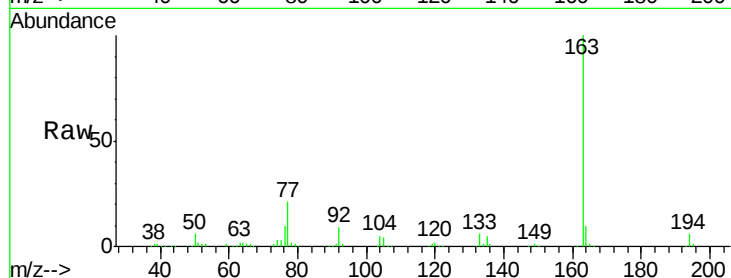
Tgt Ion:163 Resp: 292145

Ion Ratio Lower Upper

163 100

194 5.8 5.0 7.4

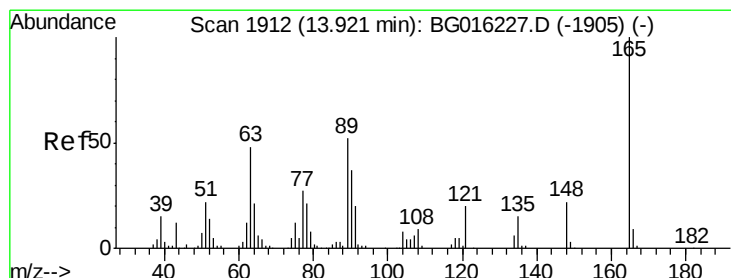
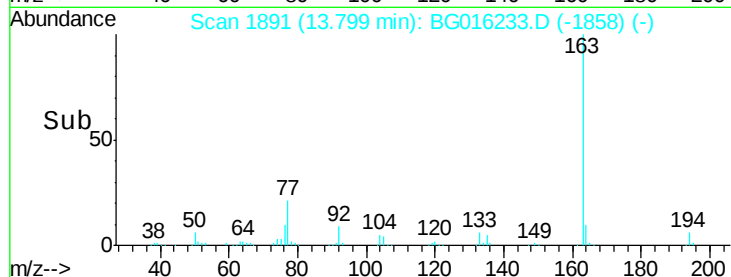
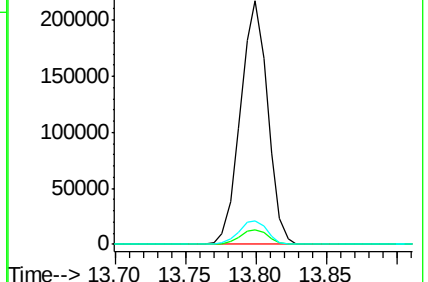
164 9.7 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 22.21 ng

RT: 13.92 min Scan# 1911

Delta R.T. -0.00 min

Lab File: BG016233.D

Acq: 6 Apr 2015 20:50

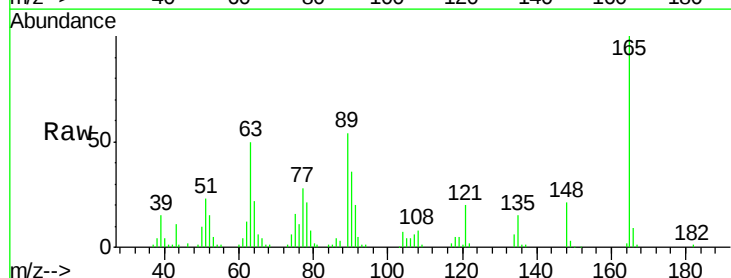
Tgt Ion:165 Resp: 70128

Ion Ratio Lower Upper

165 100

63 49.7 39.3 58.9

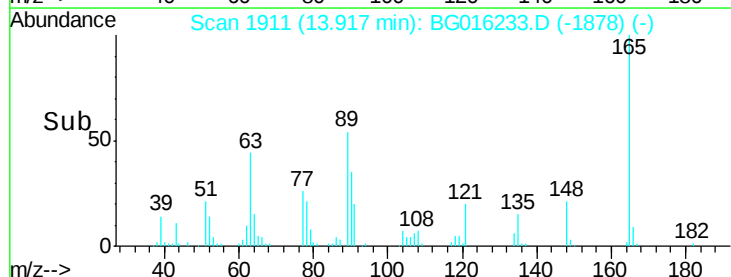
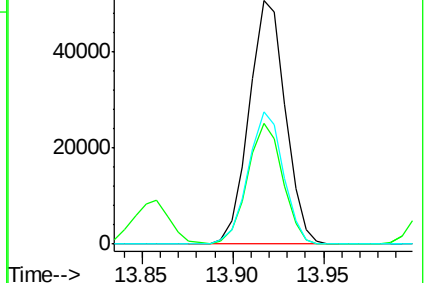
89 54.1 41.3 61.9

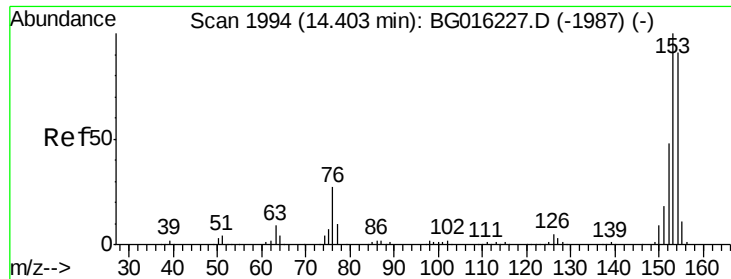


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 21.91 ng

RT: 14.40 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BG016233.D

Acq: 6 Apr 2015 20:50

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2015-02

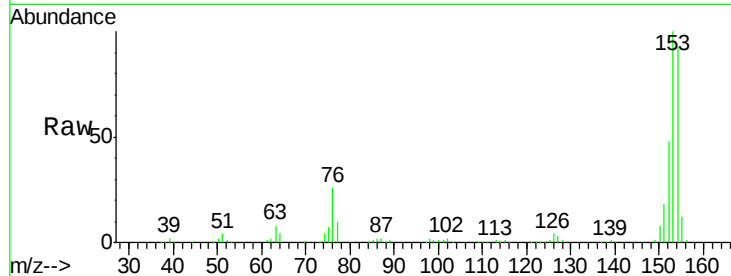
Tgt Ion:154 Resp: 242375

Ion Ratio Lower Upper

154 100

153 107.4 87.5 131.3

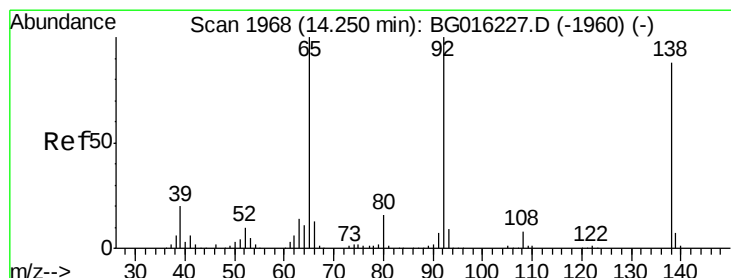
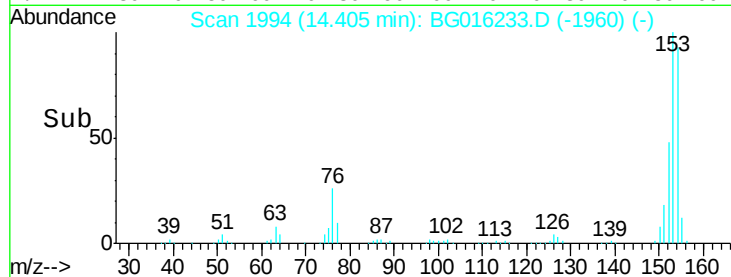
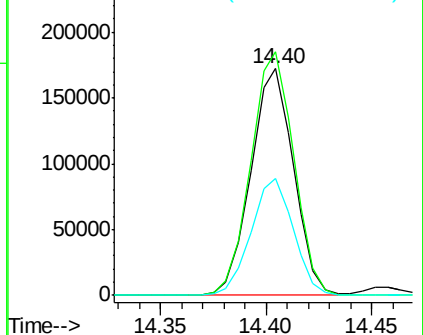
152 51.4 42.1 63.1



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: 11.61 ng

RT: 14.25 min Scan# 1967

Delta R.T. -0.00 min

Lab File: BG016233.D

Acq: 6 Apr 2015 20:50

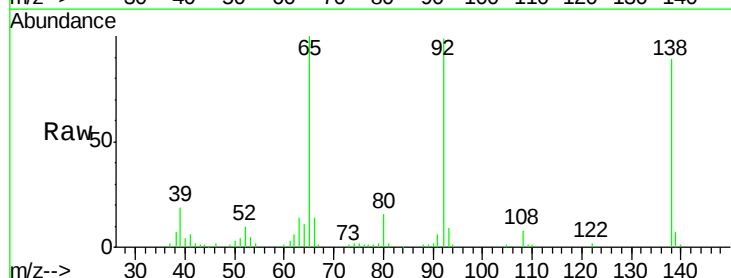
Tgt Ion:138 Resp: 46834

Ion Ratio Lower Upper

138 100

108 9.4 7.4 11.0

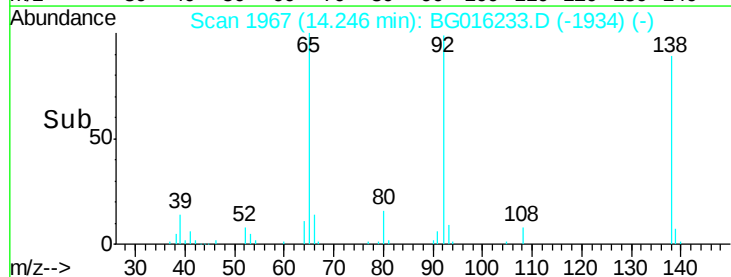
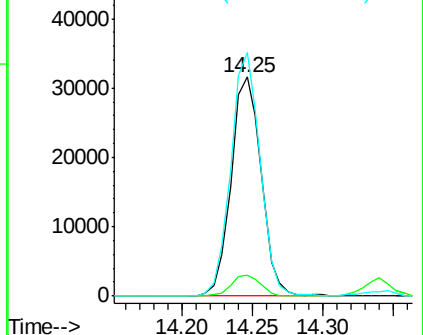
92 111.1 91.4 137.0

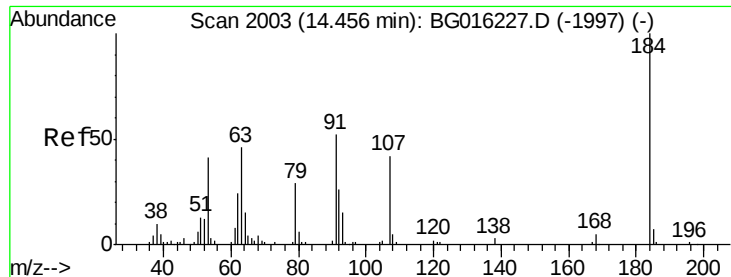


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

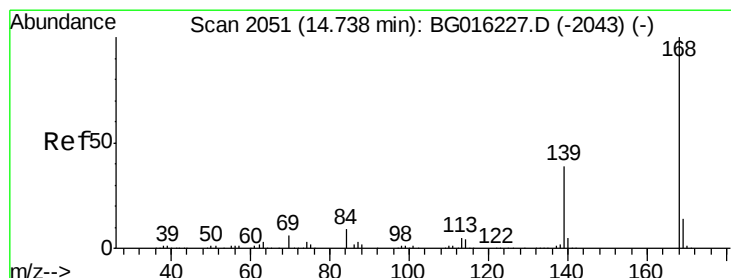
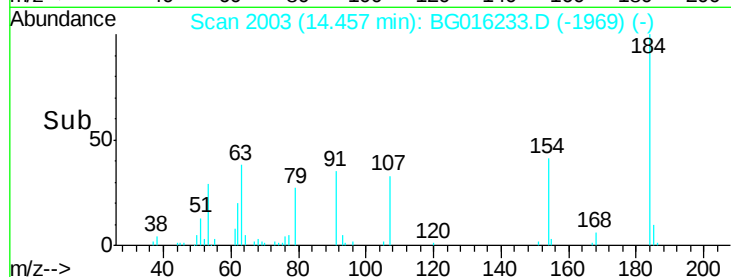
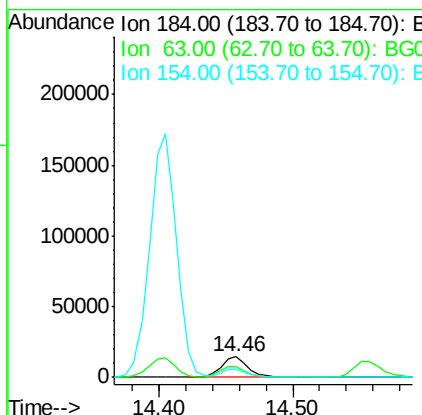
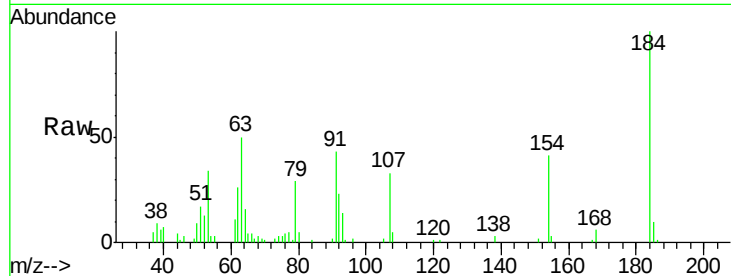




#53
 2,4-Dinitrophenol
 Concen: 18.77 ng
 RT: 14.46 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: BG016233.D
 Acq: 6 Apr 2015 20:50

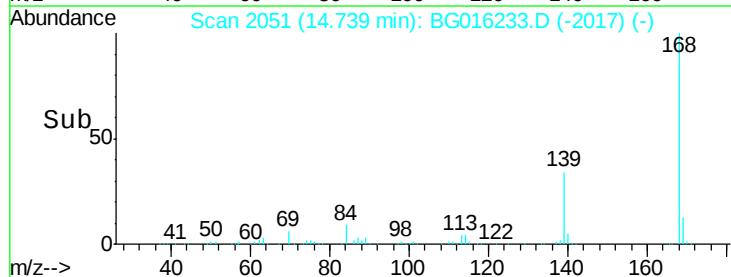
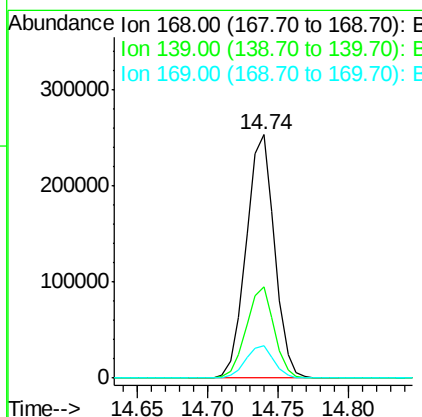
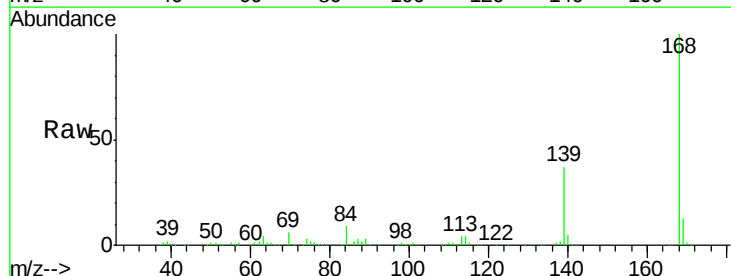
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2015-02

Tgt Ion:184 Resp: 21410
 Ion Ratio Lower Upper
 184 100
 63 50.2 45.8 68.6
 154 40.9 34.5 51.7



#54
 Dibenzofuran
 Concen: 23.11 ng
 RT: 14.74 min Scan# 2051
 Delta R.T. 0.00 min
 Lab File: BG016233.D
 Acq: 6 Apr 2015 20:50

Tgt Ion:168 Resp: 354725
 Ion Ratio Lower Upper
 168 100
 139 37.4 31.0 46.6
 169 13.3 11.2 16.8

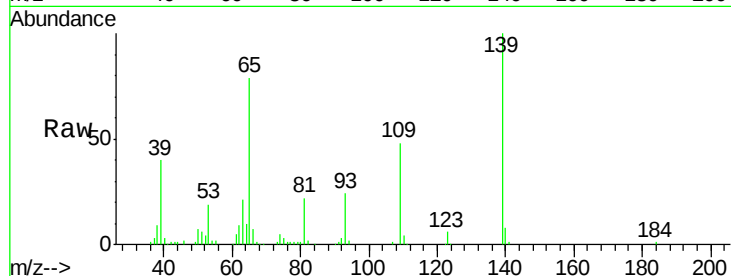




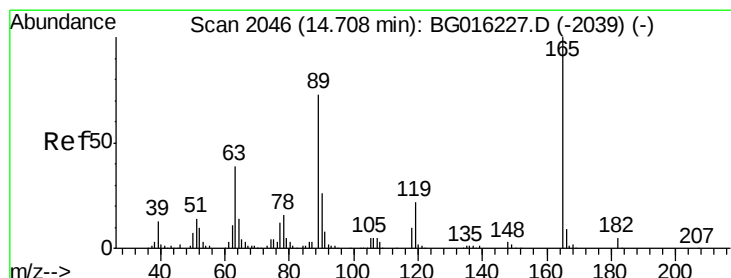
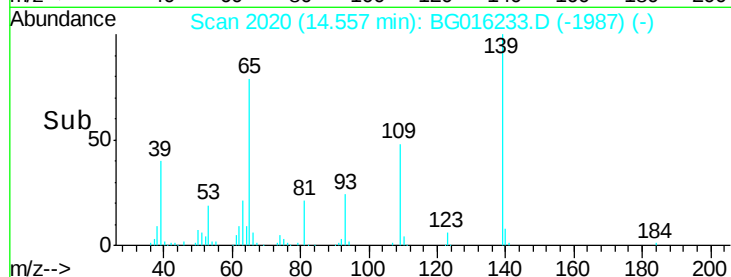
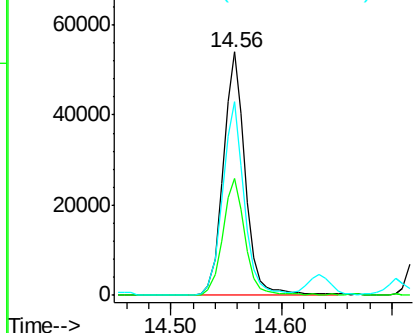
#55
4-Nitrophenol
Concen: 22.53 ng
RT: 14.56 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BG016233.D
Acq: 6 Apr 2015 20:50

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2015-02

Tgt Ion:139 Resp: 75103
Ion Ratio Lower Upper
139 100
109 48.1 28.5 68.5
65 79.3 56.9 96.9

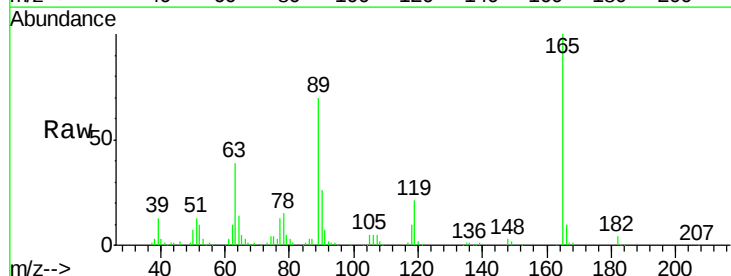


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

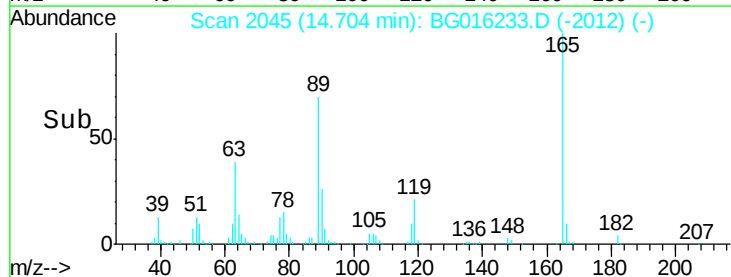
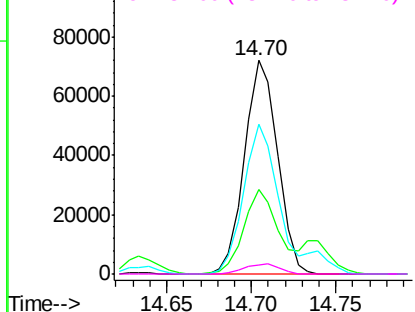


#56
2,4-Dinitrotoluene
Concen: 22.92 ng
RT: 14.70 min Scan# 2045
Delta R.T. -0.00 min
Lab File: BG016233.D
Acq: 6 Apr 2015 20:50

Tgt Ion:165 Resp: 98572
Ion Ratio Lower Upper
165 100
63 39.3 31.4 47.2
89 69.8 58.8 88.2
182 4.3 4.1 6.1



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

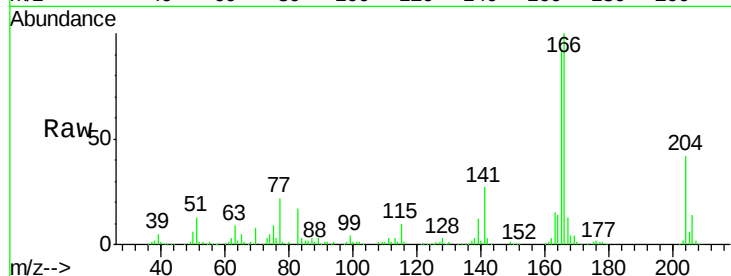




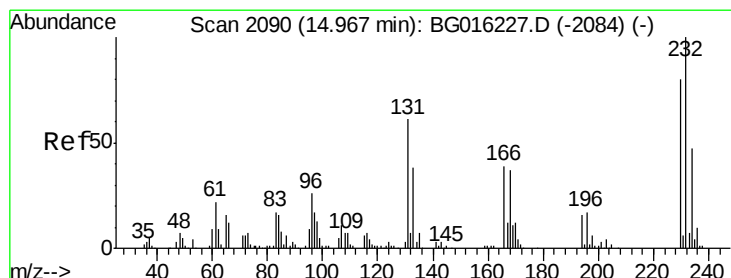
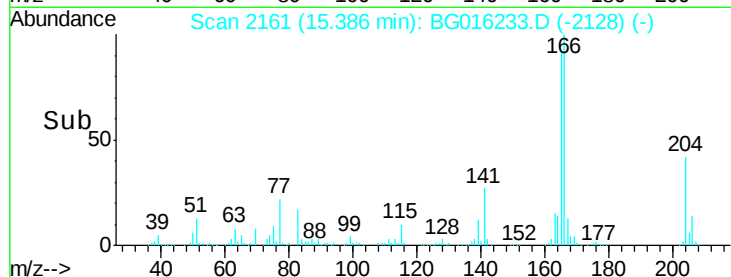
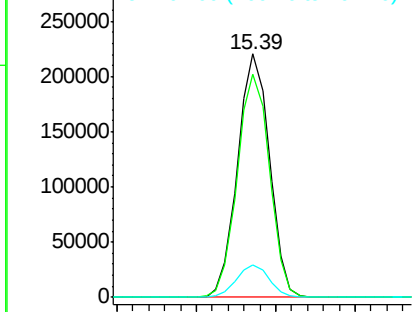
#57
Fluorene
 Concen: 22.74 ng
 RT: 15.39 min Scan# 2161
 Delta R.T. -0.00 min
 Lab File: BG016233.D
 Acq: 6 Apr 2015 20:50

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2015-02

Tgt Ion:166 Resp: 307974
 Ion Ratio Lower Upper
 166 100
 165 91.7 75.2 112.8
 167 13.1 11.3 16.9

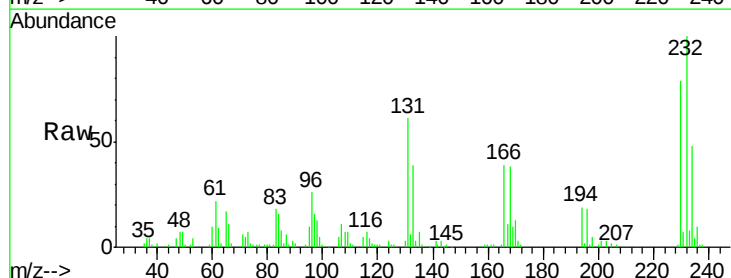


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

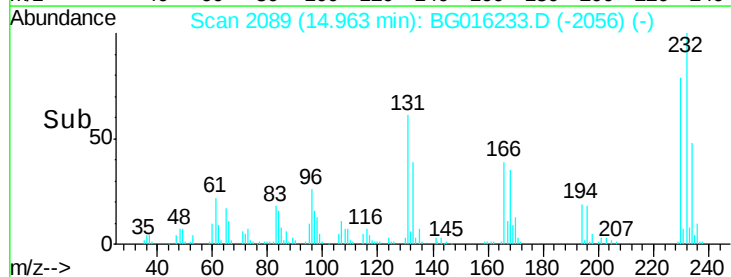
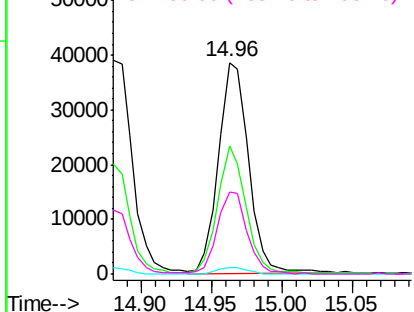


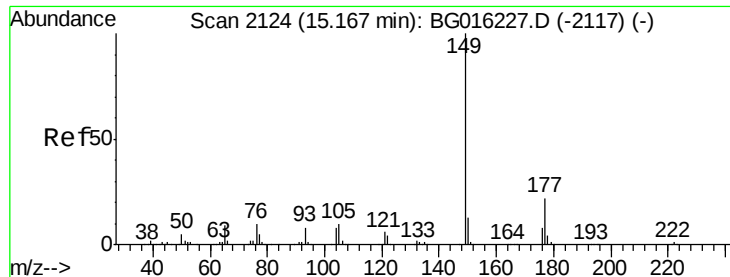
#58
2,3,4,6-Tetrachlorophenol
 Concen: 23.88 ng
 RT: 14.96 min Scan# 2089
 Delta R.T. -0.00 min
 Lab File: BG016233.D
 Acq: 6 Apr 2015 20:50

Tgt Ion:232 Resp: 57385
 Ion Ratio Lower Upper
 232 100
 131 58.7 49.8 74.6
 130 2.8 2.6 3.8
 166 38.4 30.6 45.8



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

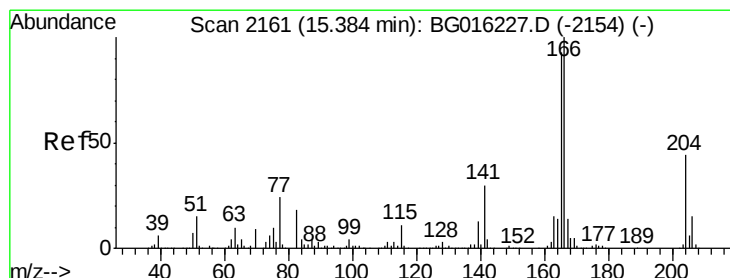
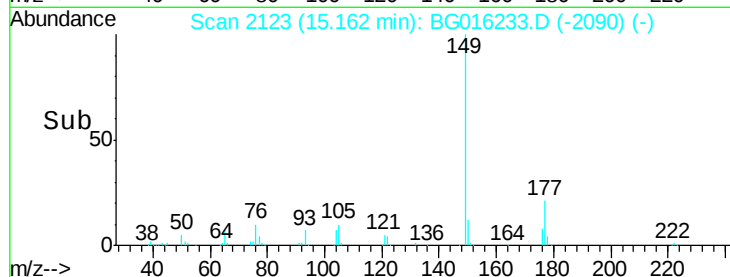
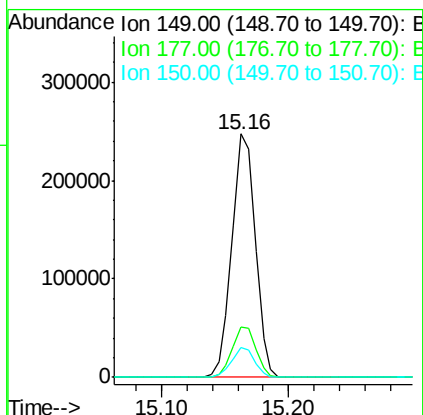
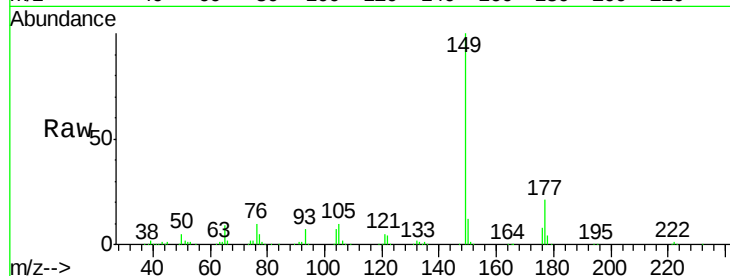




#59
Diethylphthalate
Concen: 22.64 ng
RT: 15.16 min Scan# 2123
Delta R.T. -0.00 min
Lab File: BG016233.D
Acq: 6 Apr 2015 20:50

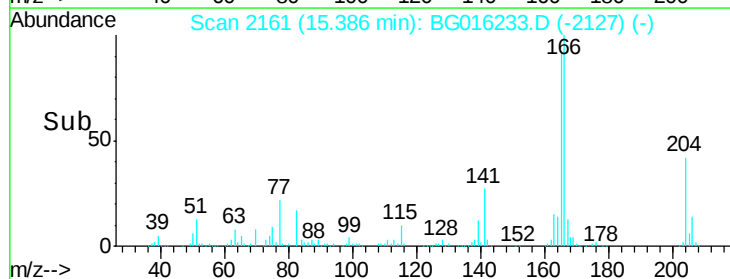
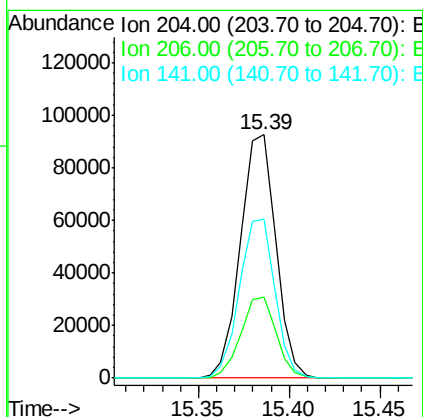
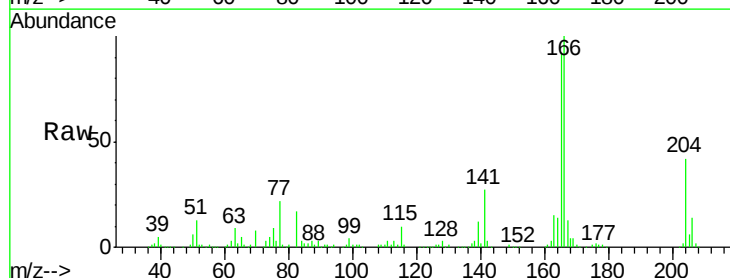
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2015-02

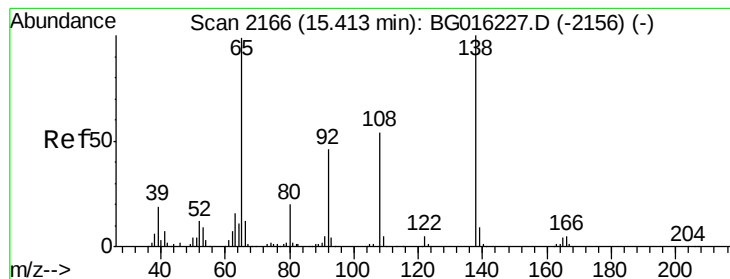
Tgt Ion:149 Resp: 314668
Ion Ratio Lower Upper
149 100
177 20.8 17.7 26.5
150 12.3 10.0 15.0



#60
4-Chlorophenyl-phenylether
Concen: 22.87 ng
RT: 15.39 min Scan# 2161
Delta R.T. 0.00 min
Lab File: BG016233.D
Acq: 6 Apr 2015 20:50

Tgt Ion:204 Resp: 126688
Ion Ratio Lower Upper
204 100
206 33.3 27.6 41.4
141 65.3 55.4 83.2





#61

4-Nitroaniline

Concen: 21.58 ng

RT: 15.41 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BG016233.D

Acq: 6 Apr 2015 20:50

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2015-02

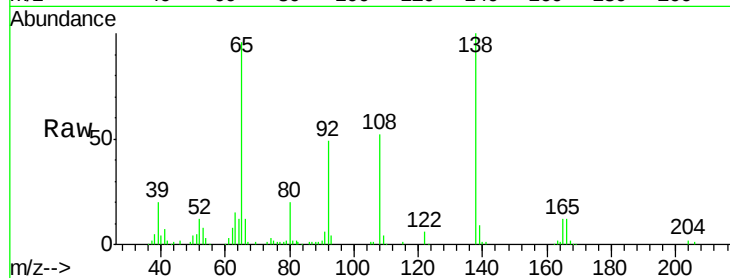
Tgt Ion:138 Resp: 98804

Ion Ratio Lower Upper

138 100

92 48.5 26.3 66.3

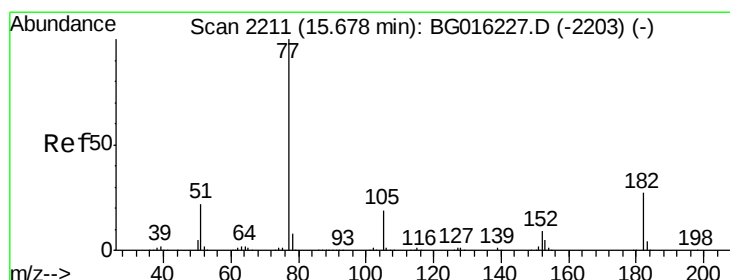
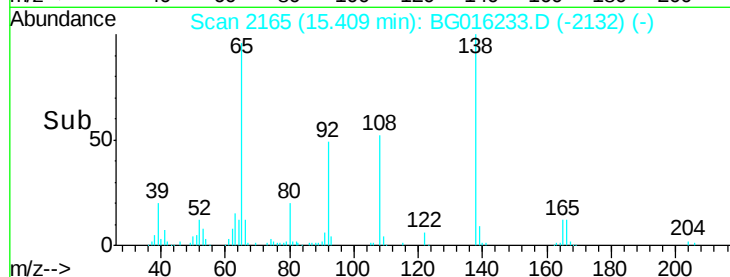
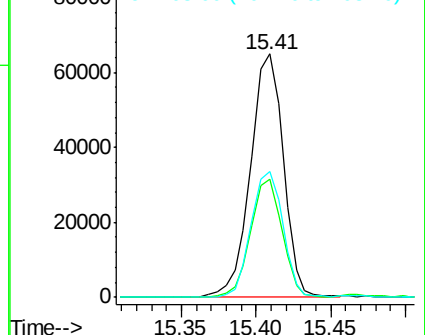
108 51.9 33.6 73.6



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: 22.60 ng

RT: 15.67 min Scan# 2210

Delta R.T. -0.00 min

Lab File: BG016233.D

Acq: 6 Apr 2015 20:50

Tgt Ion: 77 Resp: 334367

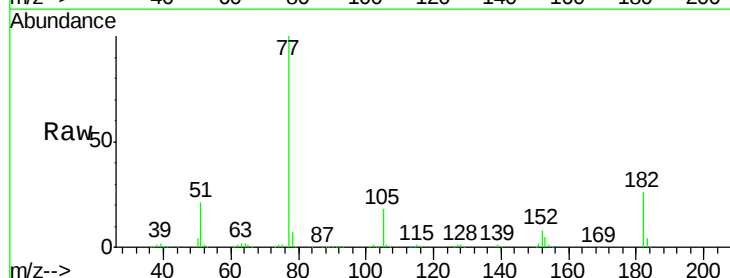
Ion Ratio Lower Upper

77 100

182 25.6 6.6 46.6

105 18.4 0.0 39.2

51 21.3 2.0 42.0

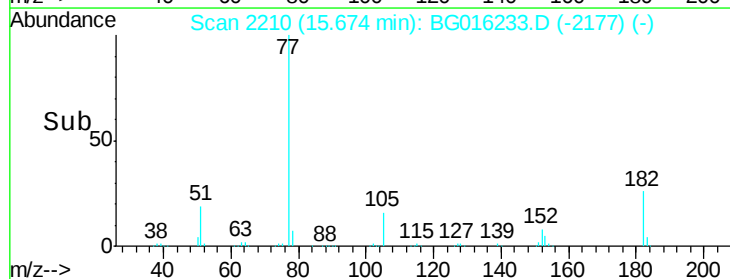
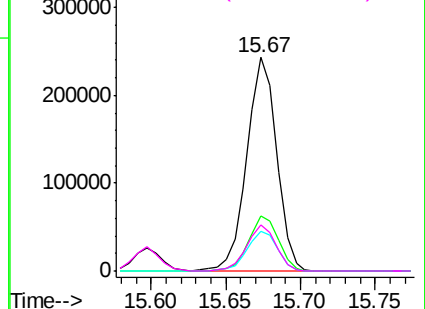


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.08 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BG016233.D

Acq: 6 Apr 2015 20:50

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2015-02

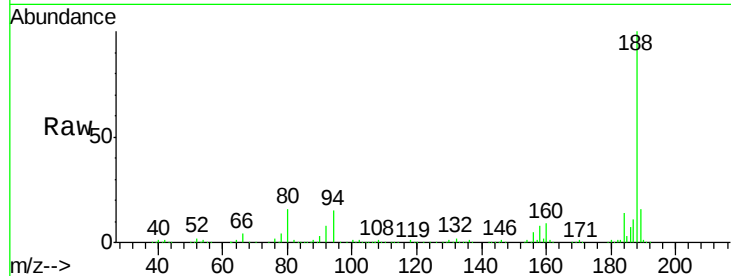
Tgt Ion:188 Resp: 386265

Ion Ratio Lower Upper

188 100

94 15.1 12.2 18.4

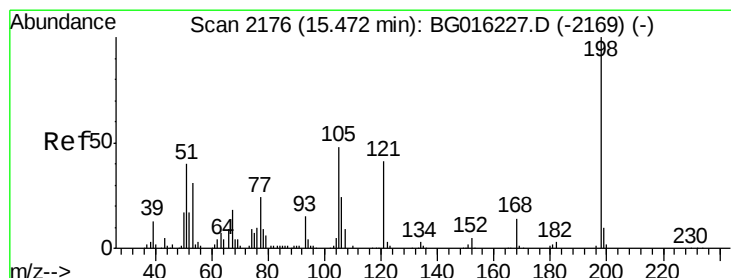
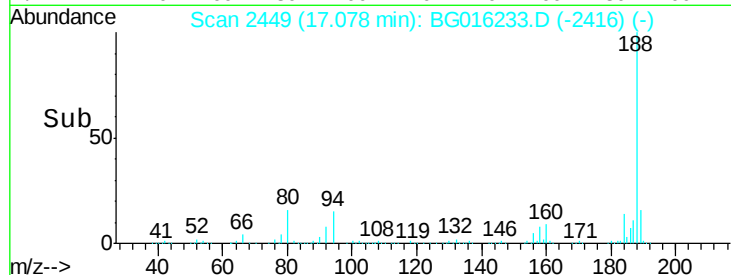
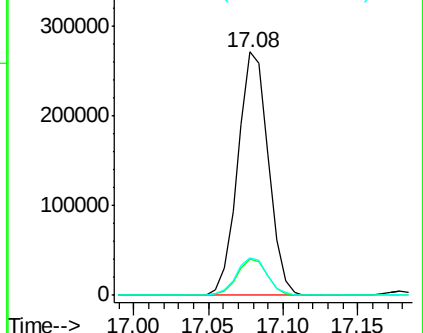
80 15.6 12.8 19.2



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: 18.85 ng

RT: 15.47 min Scan# 2175

Delta R.T. -0.00 min

Lab File: BG016233.D

Acq: 6 Apr 2015 20:50

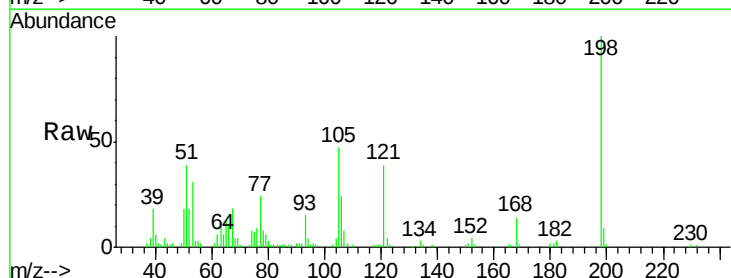
Tgt Ion:198 Resp: 44279

Ion Ratio Lower Upper

198 100

51 39.3 20.7 60.7

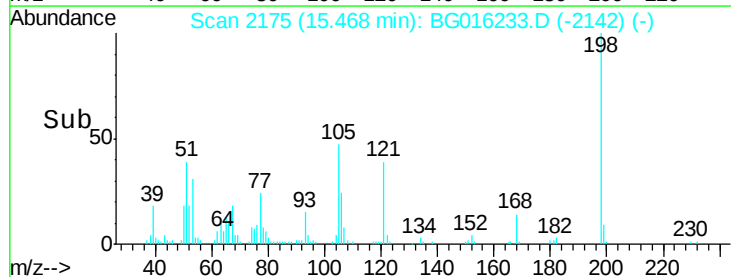
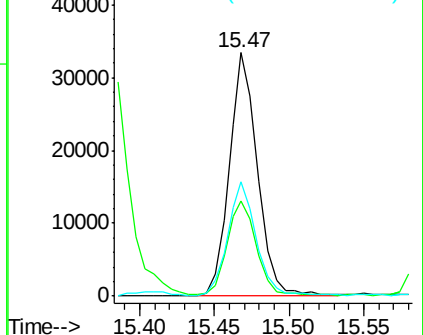
105 47.0 28.8 68.8

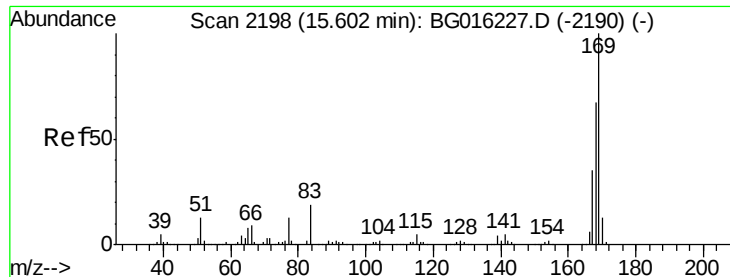


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

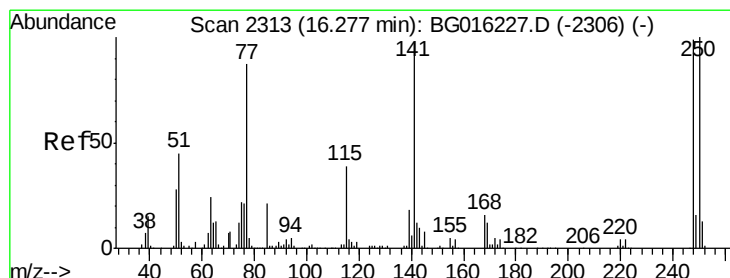
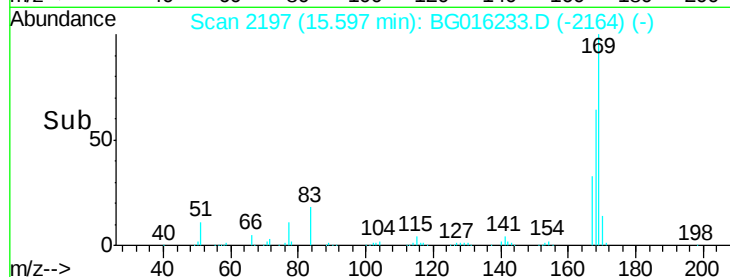
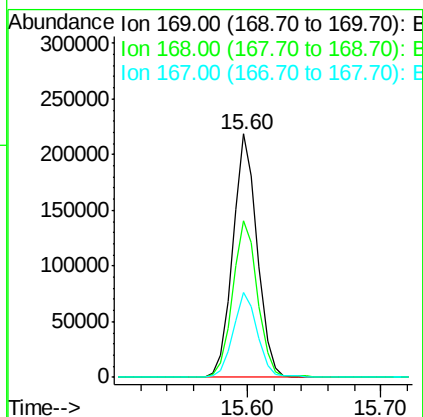
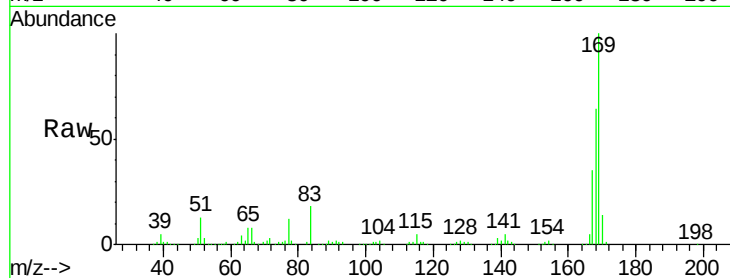




#65
 n-Nitrosodiphenylamine
 Concen: 21.23 ng
 RT: 15.60 min Scan# 2197
 Delta R.T. -0.00 min
 Lab File: BG016233.D
 Acq: 6 Apr 2015 20:50

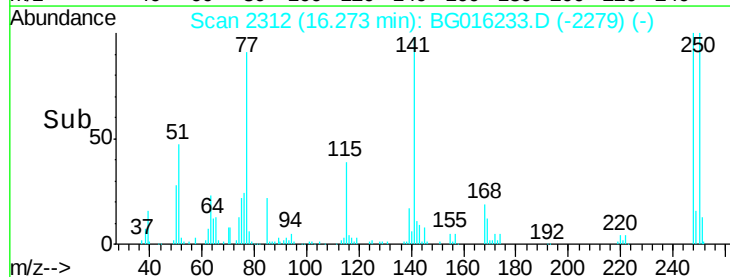
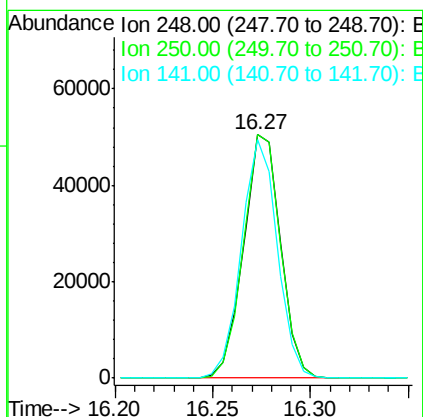
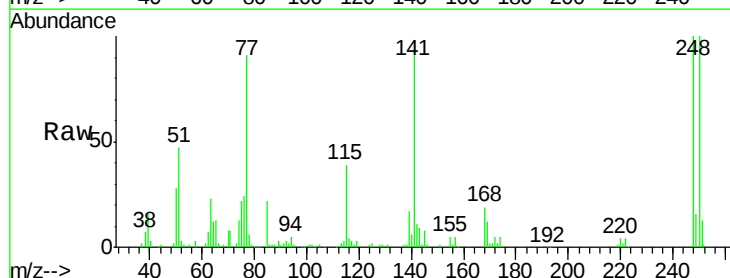
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2015-02

Tgt Ion:169 Resp: 277208
 Ion Ratio Lower Upper
 169 100
 168 64.5 53.4 80.0
 167 35.0 28.3 42.5



#66
 4-Bromophenyl-phenylether
 Concen: 21.51 ng
 RT: 16.27 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: BG016233.D
 Acq: 6 Apr 2015 20:50

Tgt Ion:248 Resp: 66344
 Ion Ratio Lower Upper
 248 100
 250 100.0 80.5 120.7
 141 98.2 78.2 117.4

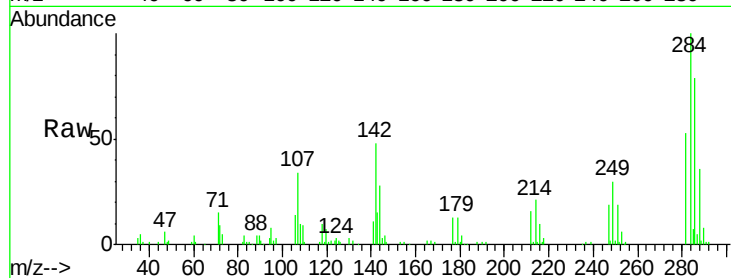




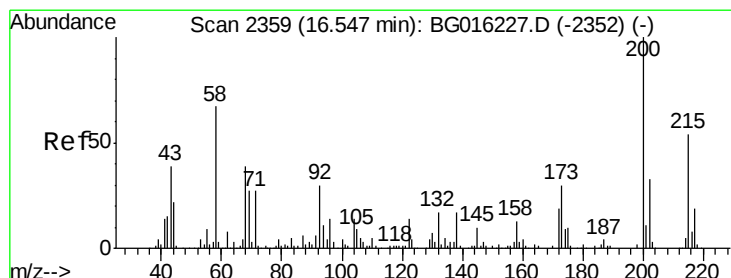
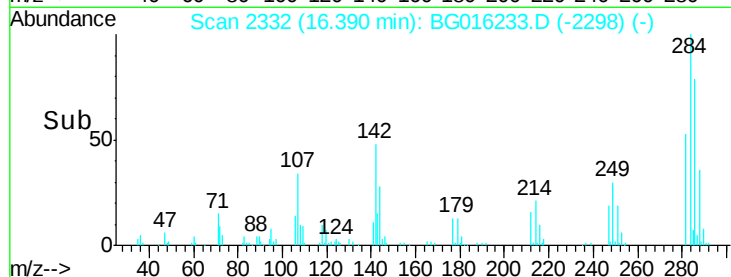
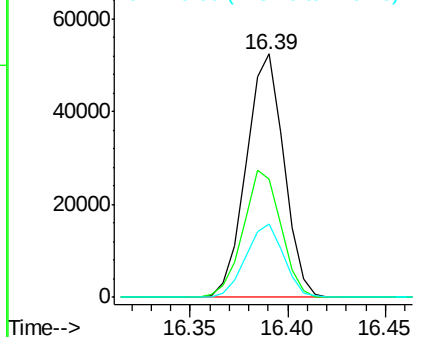
#67
Hexachlorobenzene
Concen: 21.85 ng
RT: 16.39 min Scan# 2332
Delta R.T. 0.00 min
Lab File: BG016233.D
Acq: 6 Apr 2015 20:50

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2015-02

Tgt Ion:284 Resp: 70026
Ion Ratio Lower Upper
284 100
142 48.5 44.2 66.2
249 30.2 24.8 37.2

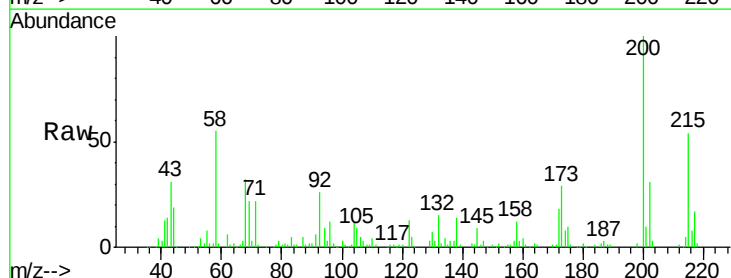


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

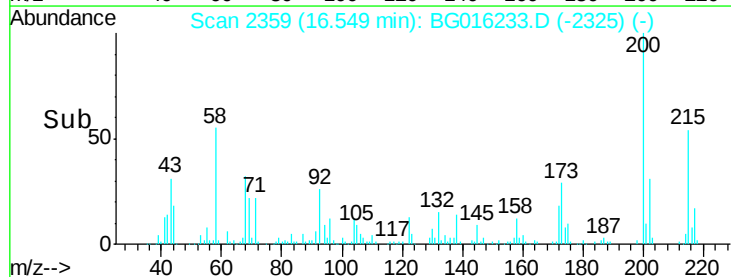
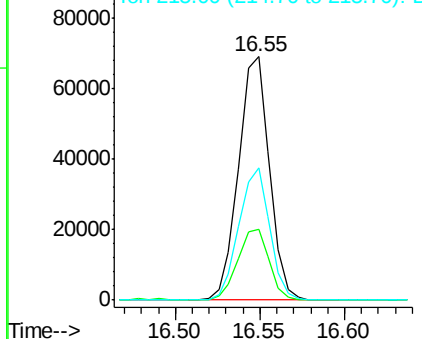


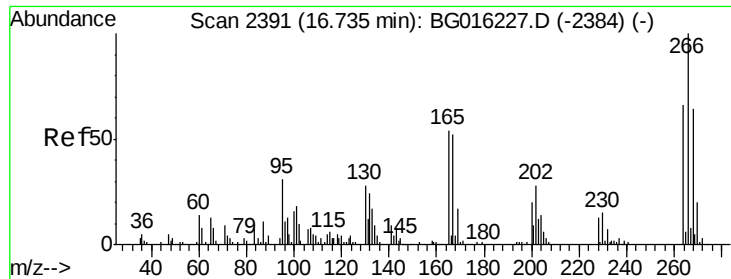
#68
Atrazine
Concen: 24.15 ng
RT: 16.55 min Scan# 2359
Delta R.T. 0.00 min
Lab File: BG016233.D
Acq: 6 Apr 2015 20:50

Tgt Ion:200 Resp: 87901
Ion Ratio Lower Upper
200 100
173 29.1 10.2 50.2
215 54.3 34.4 74.4



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

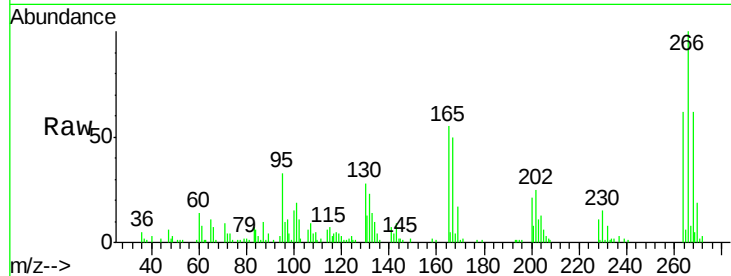




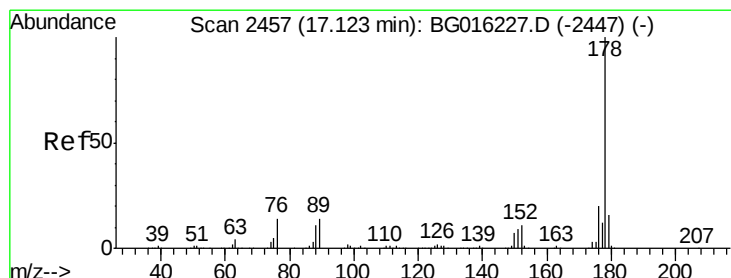
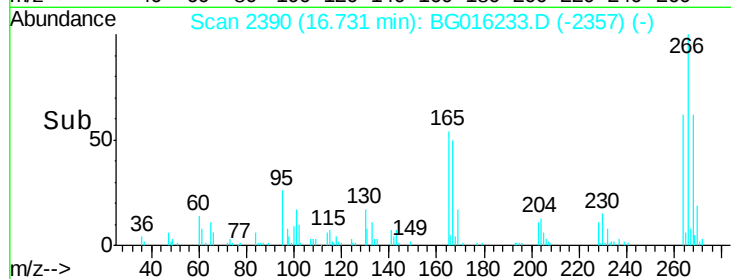
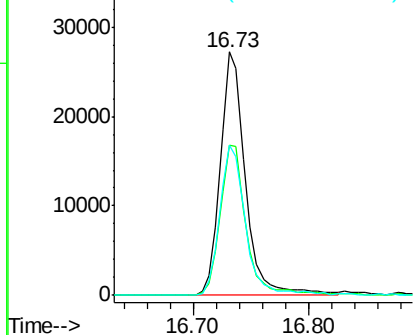
#69
 Pentachlorophenol
 Concen: 20.87 ng
 RT: 16.73 min Scan# 2390
 Delta R.T. -0.00 min
 Lab File: BG016233.D
 Acq: 6 Apr 2015 20:50

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2015-02

Tgt Ion:266 Resp: 40849
 Ion Ratio Lower Upper
 266 100
 268 61.8 50.9 76.3
 264 61.7 52.8 79.2

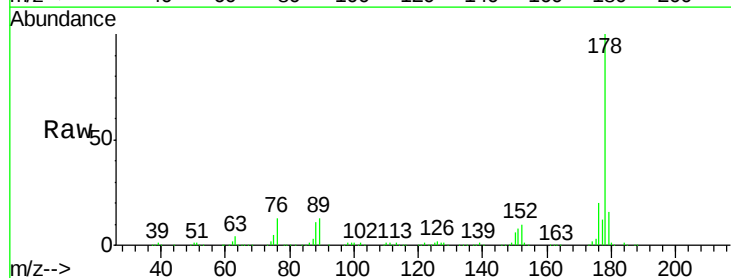


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

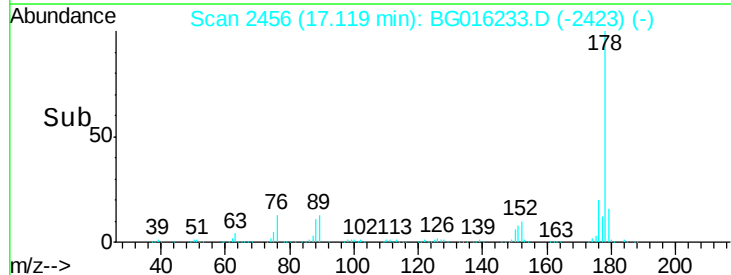
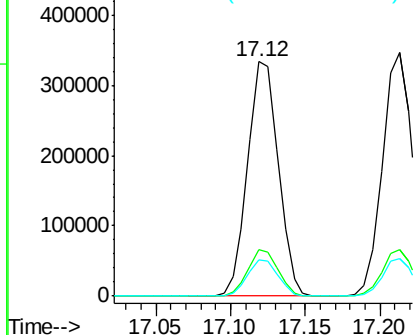


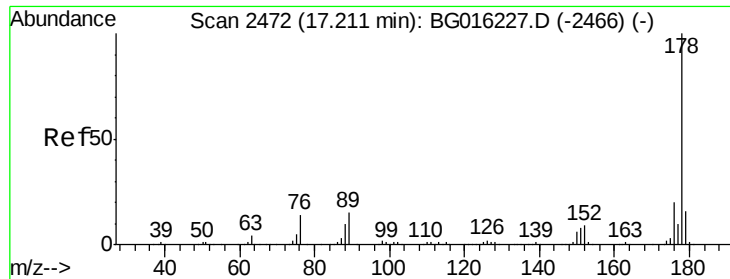
#70
 Phenanthrene
 Concen: 21.85 ng
 RT: 17.12 min Scan# 2456
 Delta R.T. -0.00 min
 Lab File: BG016233.D
 Acq: 6 Apr 2015 20:50

Tgt Ion:178 Resp: 474690
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.2 24.4
 179 15.6 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

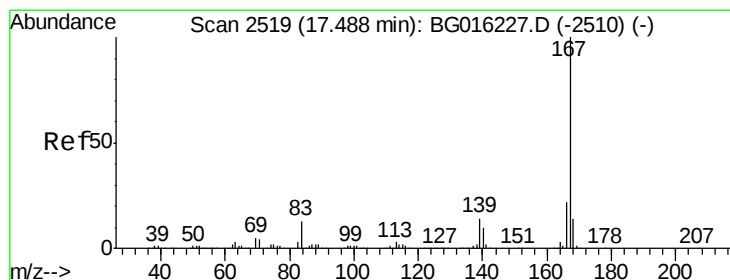
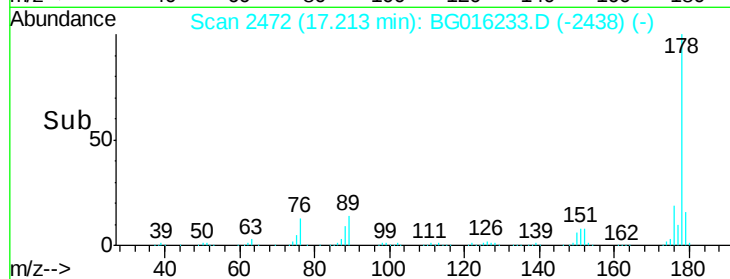
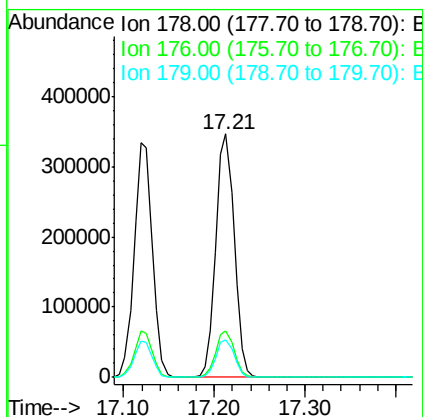
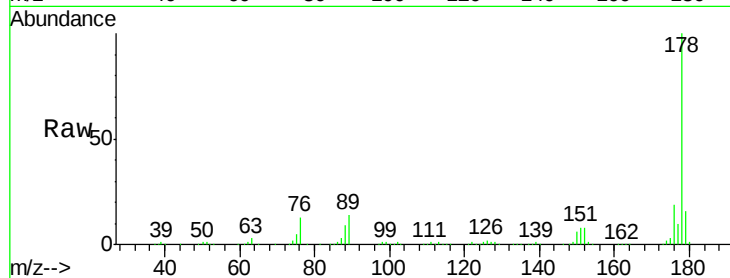




#71
 Anthracene
 Concen: 22.66 ng
 RT: 17.21 min Scan# 2472
 Delta R.T. 0.00 min
 Lab File: BG016233.D
 Acq: 6 Apr 2015 20:50

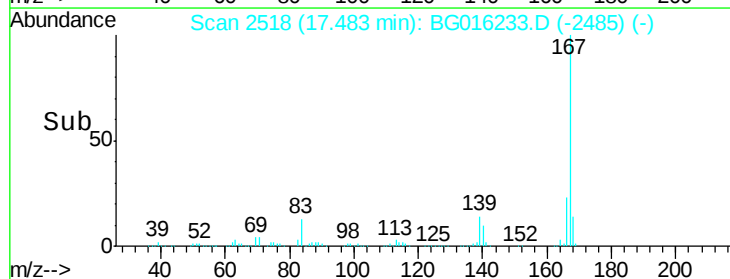
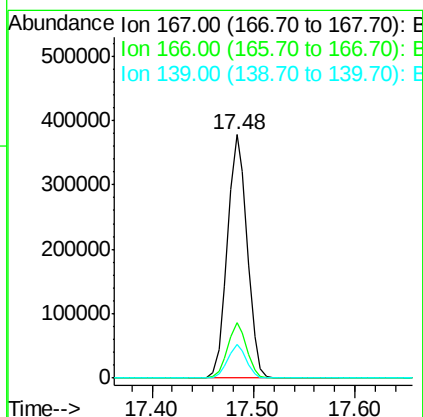
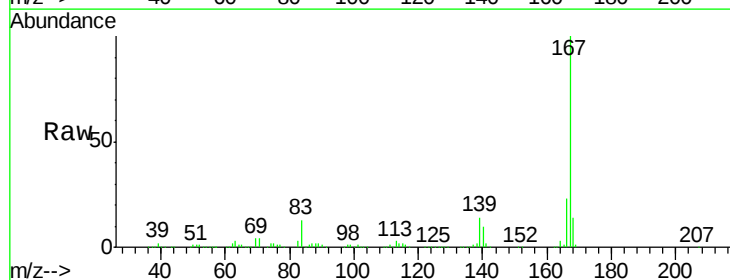
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2015-02

Tgt Ion:178 Resp: 487916
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.9 23.9
 179 15.5 13.0 19.6



#72
 Carbazole
 Concen: 23.69 ng
 RT: 17.48 min Scan# 2518
 Delta R.T. -0.00 min
 Lab File: BG016233.D
 Acq: 6 Apr 2015 20:50

Tgt Ion:167 Resp: 511905
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.9 26.9
 139 13.6 11.5 17.3





#73

Di-n-butylphthalate

Concen: 24.08 ng

RT: 18.05 min Scan# 2614

Delta R.T. 0.00 min

Lab File: BG016233.D

Acq: 6 Apr 2015 20:50

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2015-02

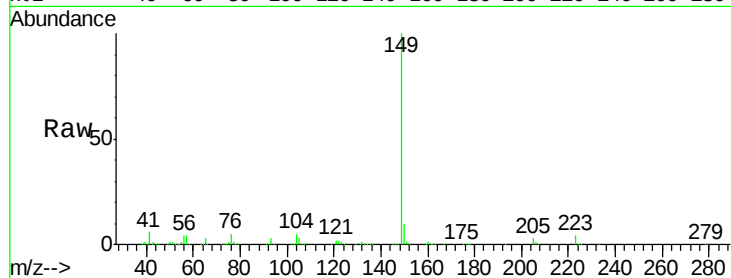
Tgt Ion:149 Resp: 636649

Ion Ratio Lower Upper

149 100

150 9.5 8.2 12.4

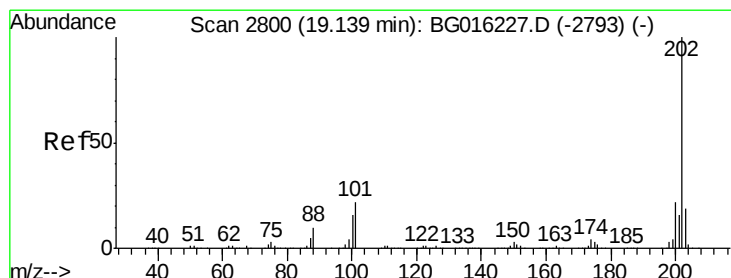
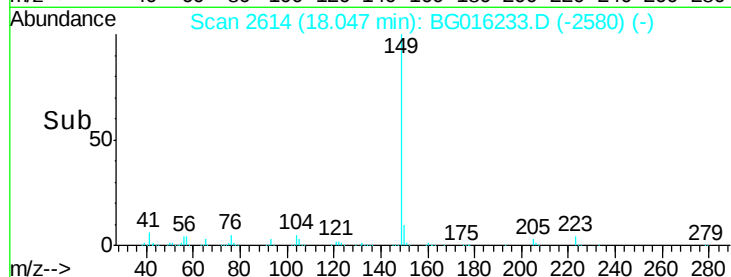
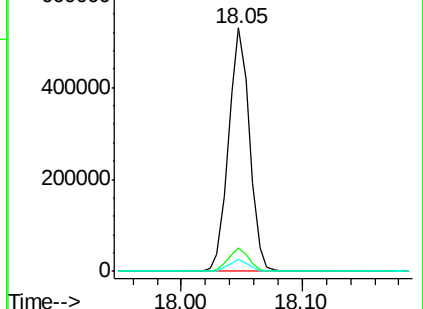
104 4.7 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 24.29 ng

RT: 19.14 min Scan# 2800

Delta R.T. 0.00 min

Lab File: BG016233.D

Acq: 6 Apr 2015 20:50

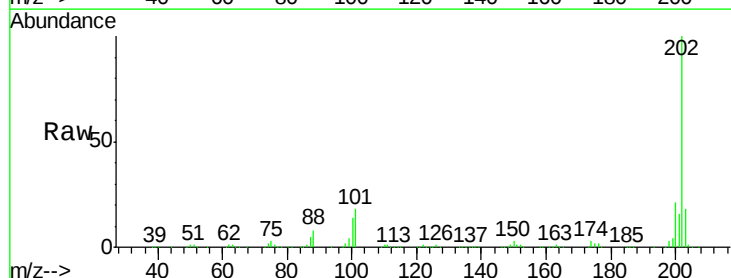
Tgt Ion:202 Resp: 544004

Ion Ratio Lower Upper

202 100

101 18.4 1.7 41.7

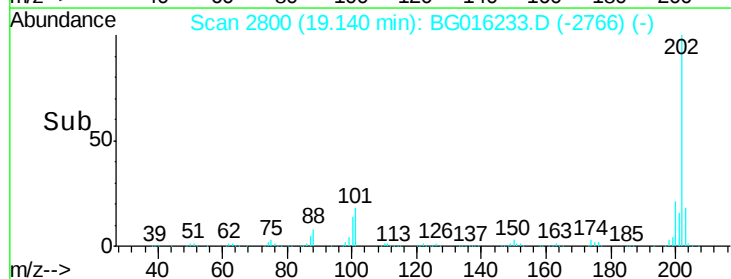
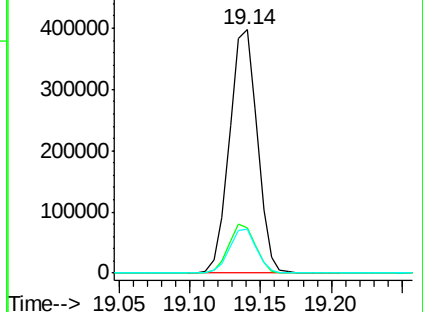
203 17.9 0.0 38.7

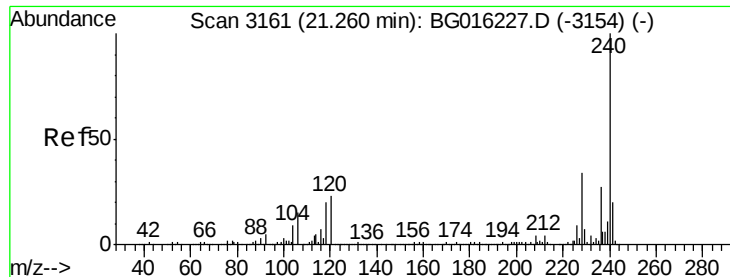


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.26 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BG016233.D

Acq: 6 Apr 2015 20:50

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2015-02

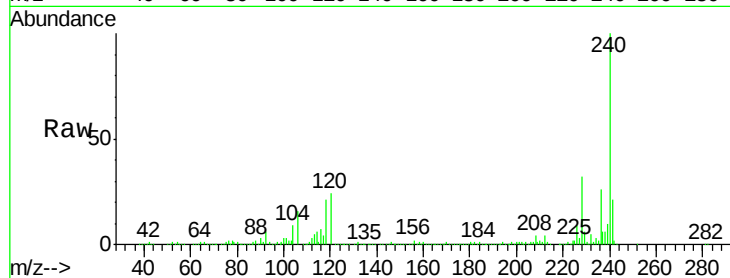
Tgt Ion:240 Resp: 380806

Ion Ratio Lower Upper

240 100

120 24.0 18.6 28.0

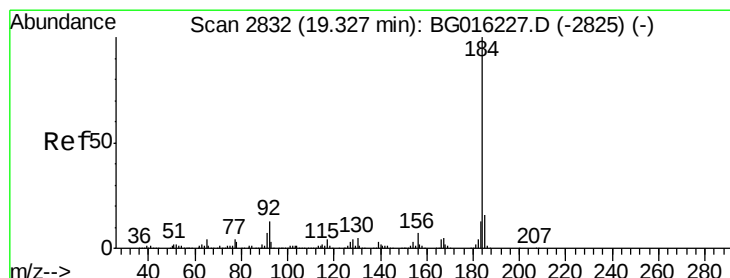
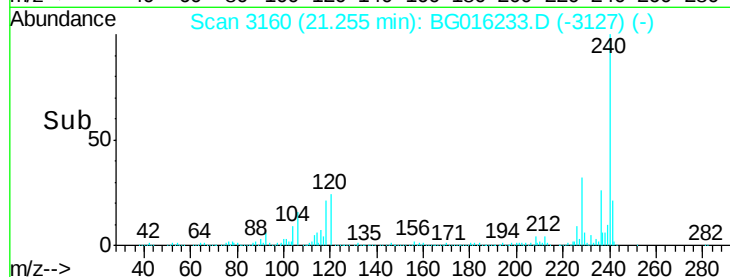
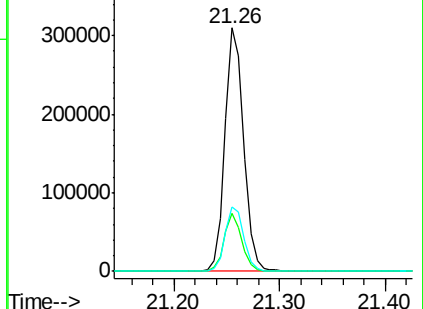
236 26.4 21.7 32.5



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: 5.39 ng

RT: 19.32 min Scan# 2831

Delta R.T. -0.00 min

Lab File: BG016233.D

Acq: 6 Apr 2015 20:50

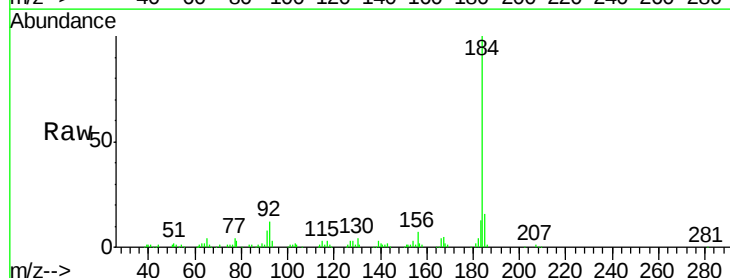
Tgt Ion:184 Resp: 87038

Ion Ratio Lower Upper

184 100

185 16.2 12.6 19.0

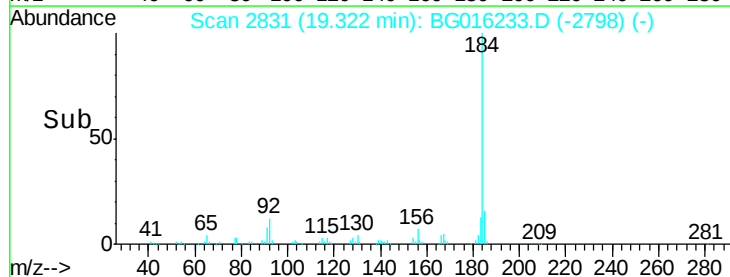
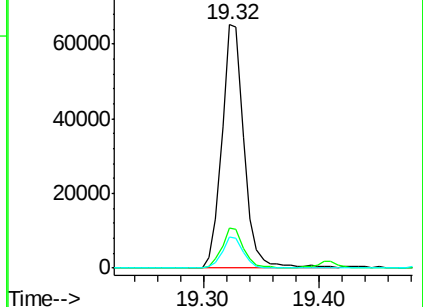
183 12.5 10.4 15.6

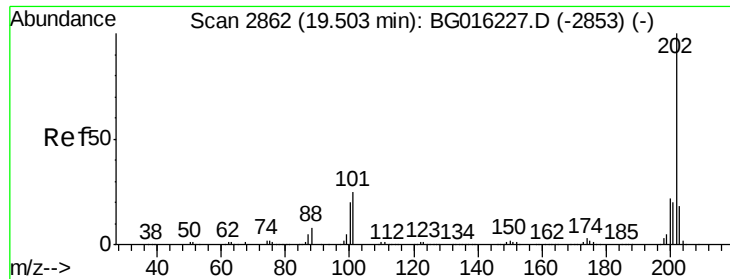


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

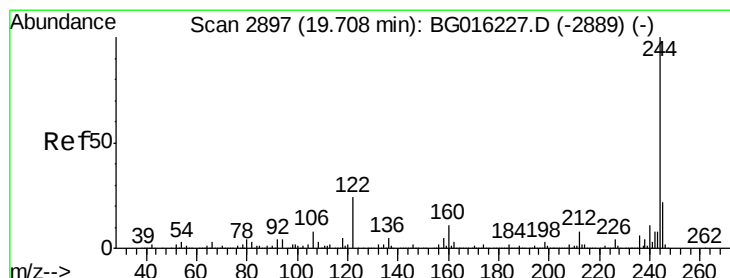
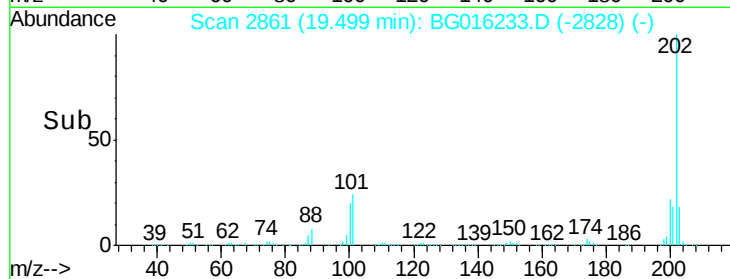
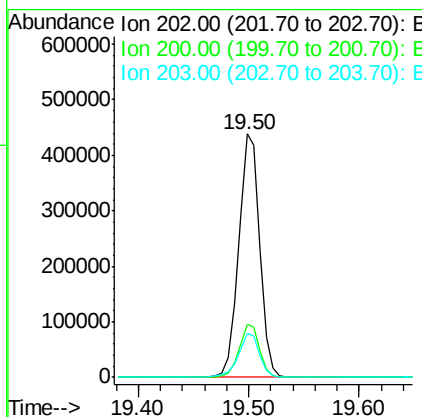
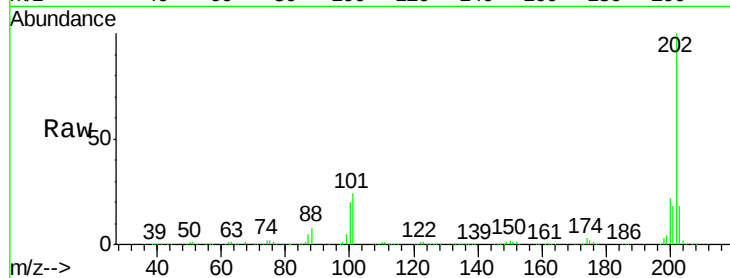




#77
 Pyrene
 Concen: 22.03 ng
 RT: 19.50 min Scan# 2861
 Delta R.T. -0.00 min
 Lab File: BG016233.D
 Acq: 6 Apr 2015 20:50

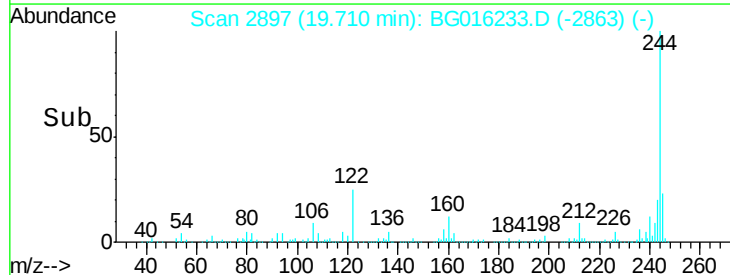
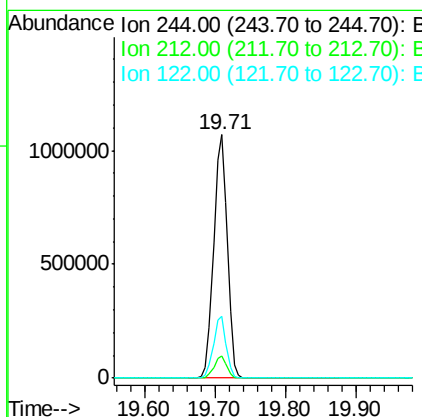
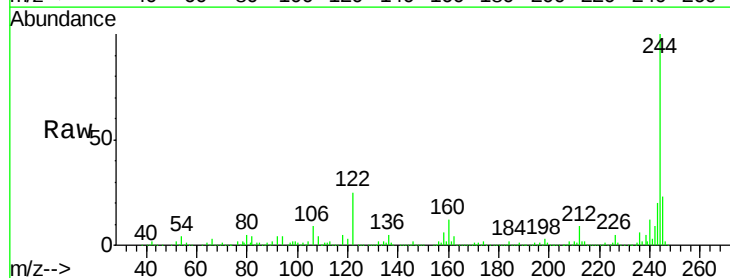
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2015-02

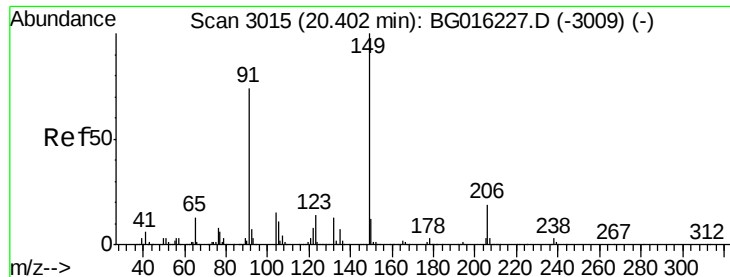
Tgt Ion: 202 Resp: 584127
 Ion Ratio Lower Upper
 202 100
 200 21.5 17.8 26.8
 203 18.0 14.7 22.1



#78
 Terphenyl-d14
 Concen: 88.00 ng
 RT: 19.71 min Scan# 2897
 Delta R.T. 0.00 min
 Lab File: BG016233.D
 Acq: 6 Apr 2015 20:50

Tgt Ion: 244 Resp: 1431905
 Ion Ratio Lower Upper
 244 100
 212 9.1 6.6 9.8
 122 25.4 19.1 28.7

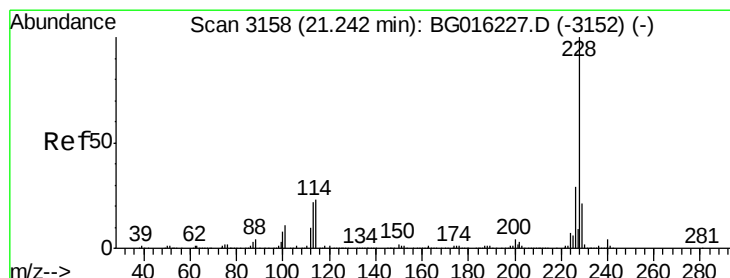
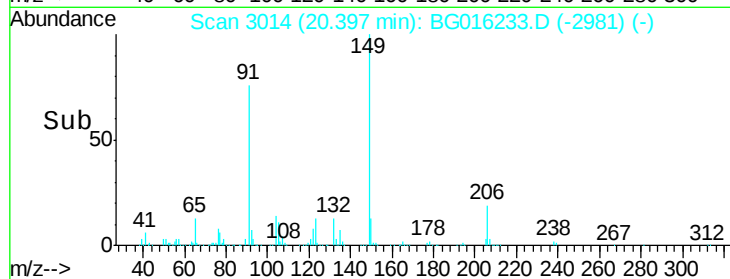
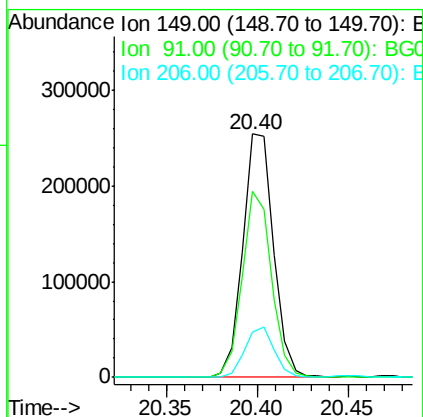
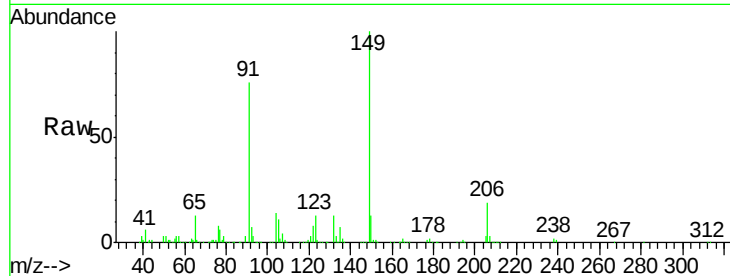




#79
Butylbenzylphthalate
Concen: 23.02 ng
RT: 20.40 min Scan# 3014
Delta R.T. -0.00 min
Lab File: BG016233.D
Acq: 6 Apr 2015 20:50

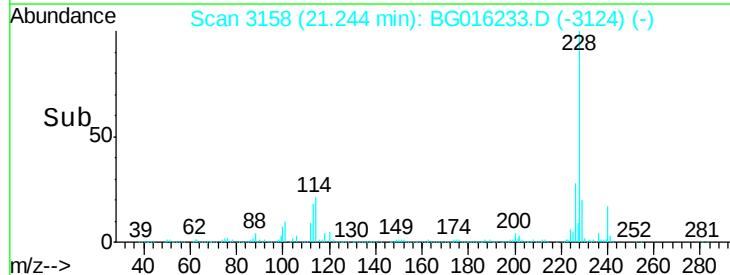
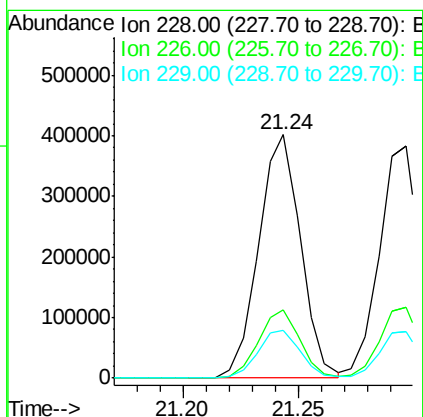
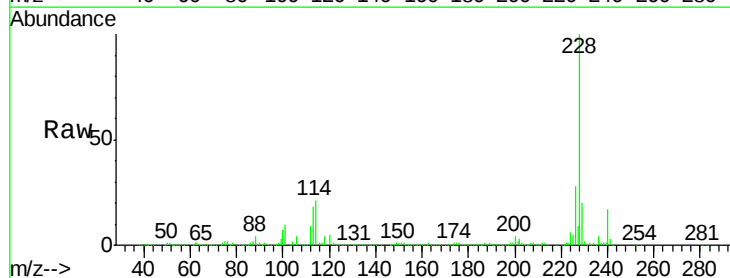
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2015-02

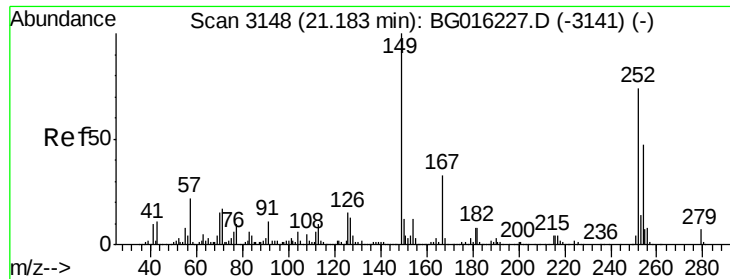
Tgt Ion:149 Resp: 299944
Ion Ratio Lower Upper
149 100
91 76.3 59.4 89.2
206 18.6 15.6 23.4



#80
Benzo(a)anthracene
Concen: 22.49 ng
RT: 21.24 min Scan# 3158
Delta R.T. 0.00 min
Lab File: BG016233.D
Acq: 6 Apr 2015 20:50

Tgt Ion:228 Resp: 506176
Ion Ratio Lower Upper
228 100
226 27.8 23.5 35.3
229 19.7 16.8 25.2

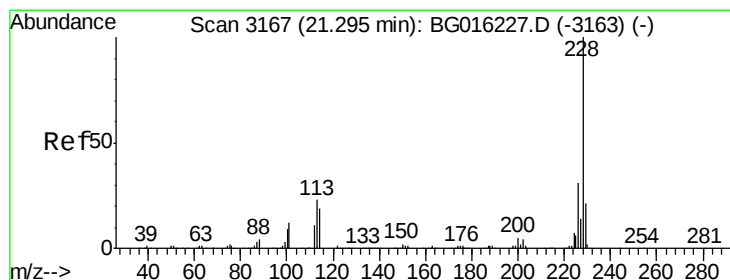
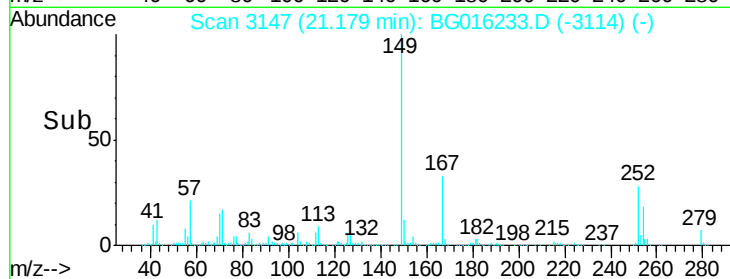
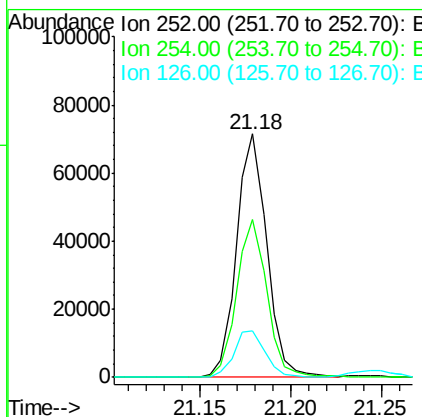
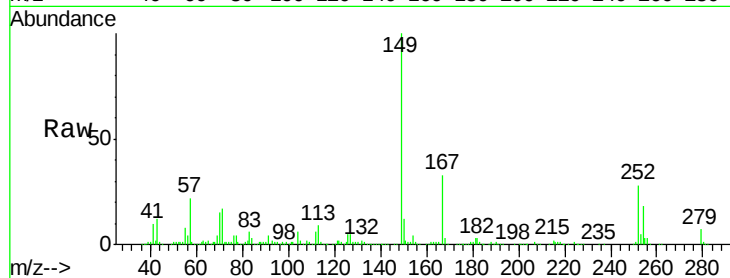




#81
 3,3'-Dichlorobenzidine
 Concen: 11.23 ng
 RT: 21.18 min Scan# 3147
 Delta R.T. -0.00 min
 Lab File: BG016233.D
 Acq: 6 Apr 2015 20:50

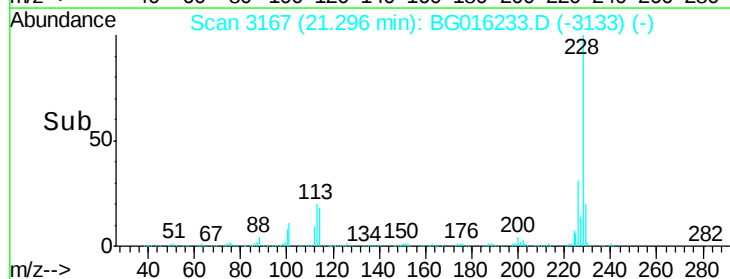
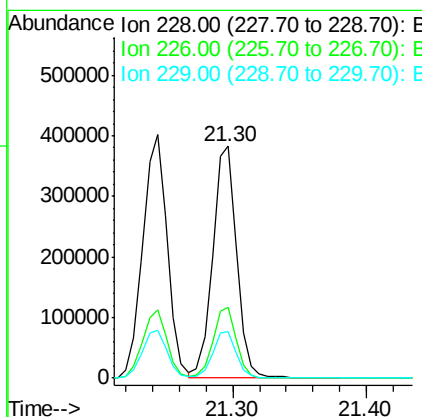
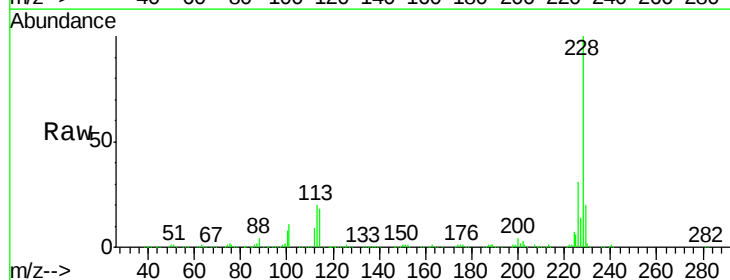
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2015-02

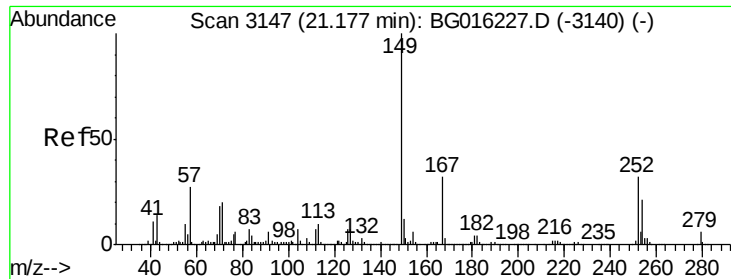
Tgt Ion:252 Resp: 83145
 Ion Ratio Lower Upper
 252 100
 254 64.7 50.8 76.2
 126 19.2 16.0 24.0



#82
 Chrysene
 Concen: 22.13 ng
 RT: 21.30 min Scan# 3167
 Delta R.T. 0.00 min
 Lab File: BG016233.D
 Acq: 6 Apr 2015 20:50

Tgt Ion:228 Resp: 480755
 Ion Ratio Lower Upper
 228 100
 226 30.6 25.0 37.4
 229 19.9 17.0 25.4

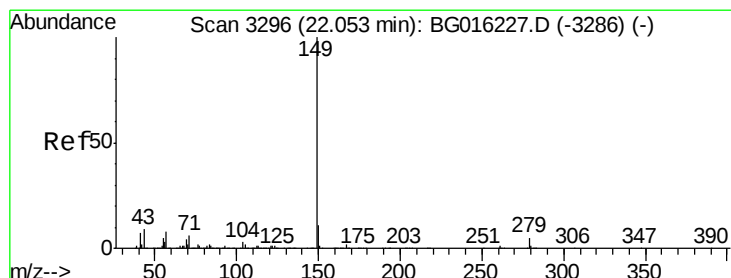
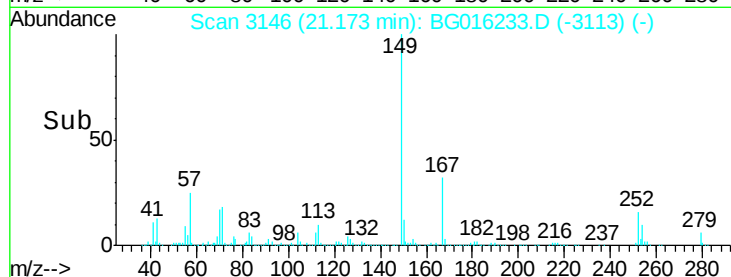
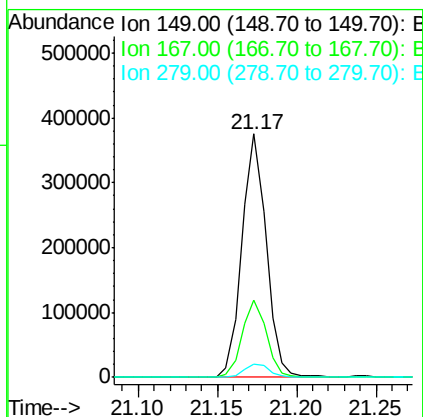
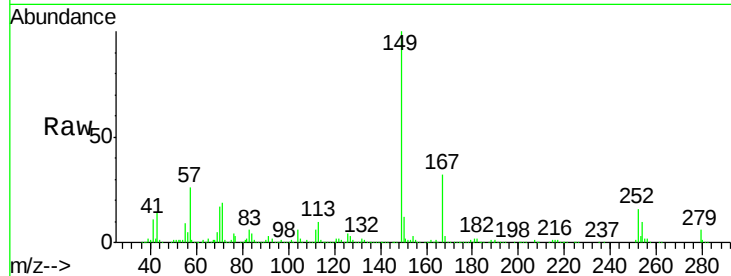




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 22.65 ng
 RT: 21.17 min Scan# 3146
 Delta R.T. -0.00 min
 Lab File: BG016233.D
 Acq: 6 Apr 2015 20:50

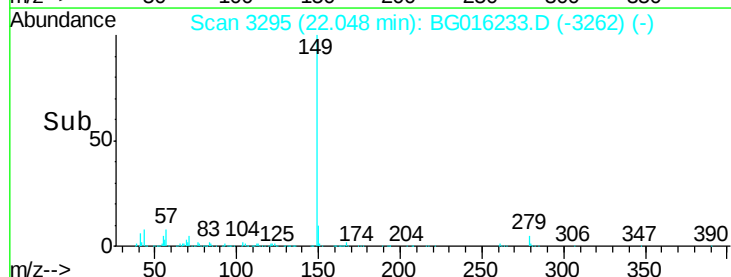
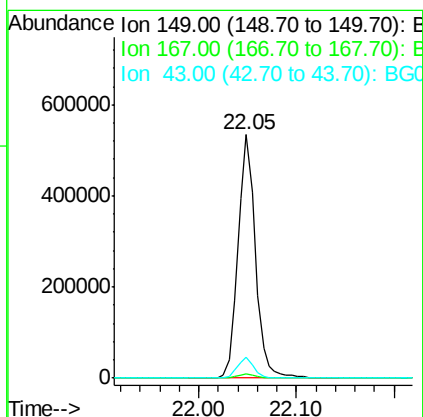
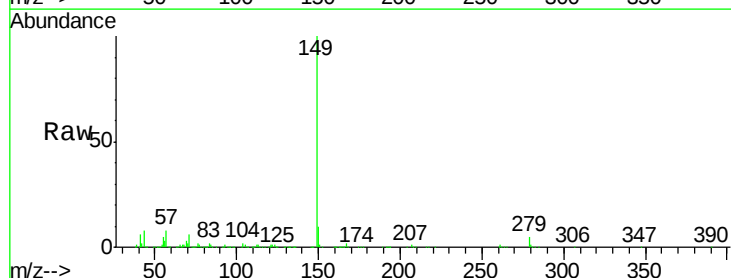
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2015-02

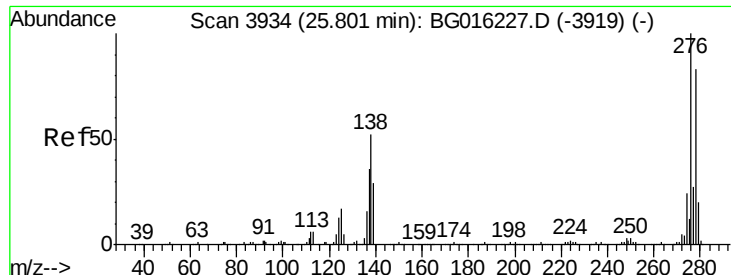
Tgt Ion:149 Resp: 399542
 Ion Ratio Lower Upper
 149 100
 167 31.8 25.8 38.6
 279 5.7 4.7 7.1



#84
 Di-n-octyl phthalate
 Concen: 23.04 ng
 RT: 22.05 min Scan# 3295
 Delta R.T. -0.00 min
 Lab File: BG016233.D
 Acq: 6 Apr 2015 20:50

Tgt Ion:149 Resp: 662099
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 8.4 7.0 10.4





#85

Indeno(1,2,3-cd)pyrene

Concen: 21.80 ng

RT: 25.79 min Scan# 3932

Delta R.T. -0.01 min

Lab File: BG016233.D

Acq: 6 Apr 2015 20:50

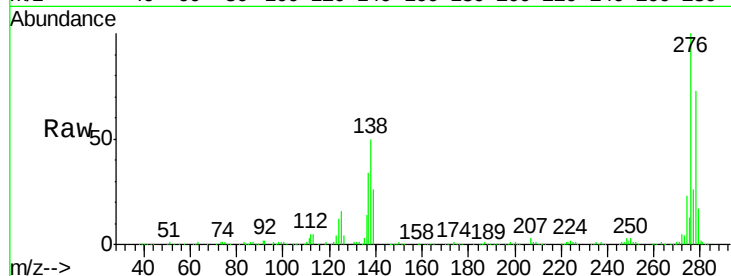
Instrument :

BNA_G

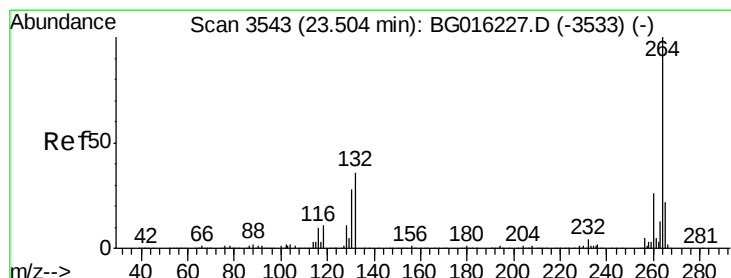
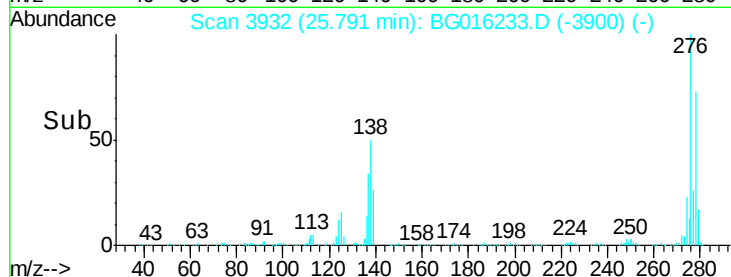
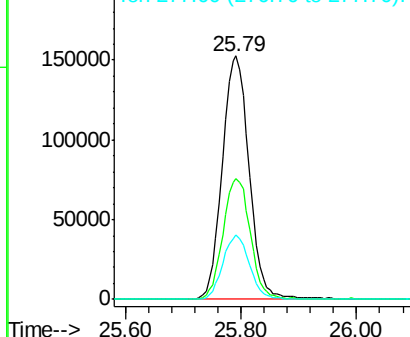
ClientSampleId :

LOQ-WATER2015-02

Tgt Ion:	276	Resp:	492161
Ion	Ratio	Lower	Upper
276	100		
138	50.4	41.5	62.3
277	26.3	21.0	31.6



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

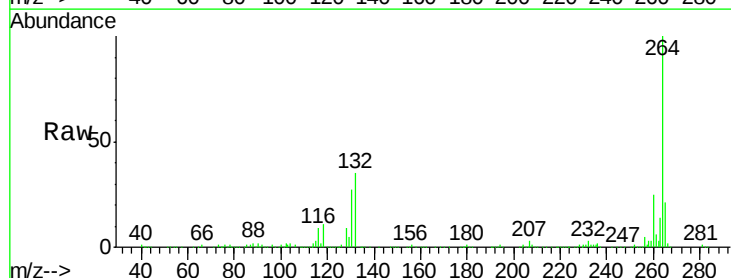
RT: 23.51 min Scan# 3543

Delta R.T. 0.00 min

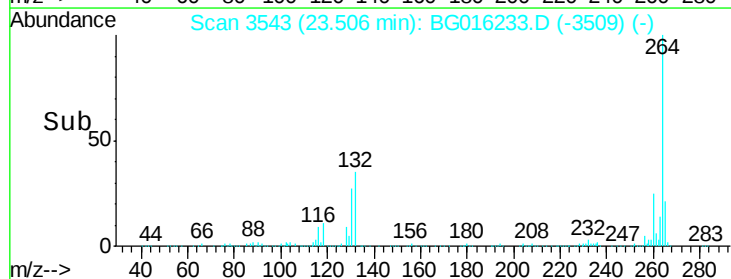
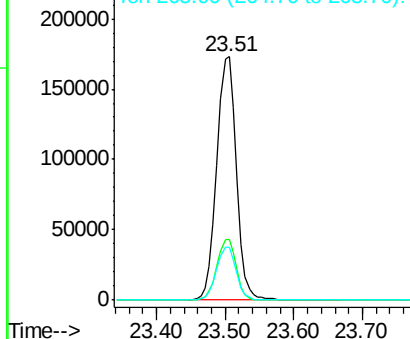
Lab File: BG016233.D

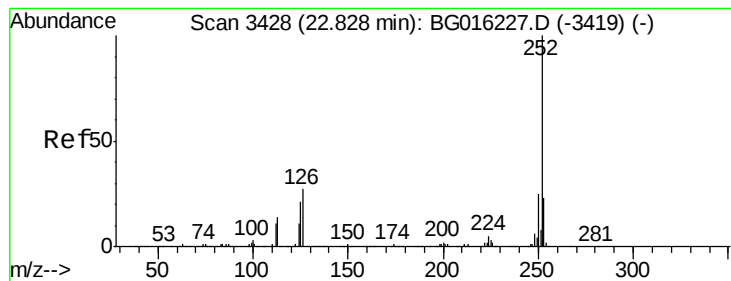
Acq: 6 Apr 2015 20:50

Tgt Ion:	264	Resp:	343375
Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.4	30.6
265	21.5	17.2	25.8



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: 22.84 ng

RT: 22.82 min Scan# 3427

Delta R.T. -0.00 min

Lab File: BG016233.D

Acq: 6 Apr 2015 20:50

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2015-02

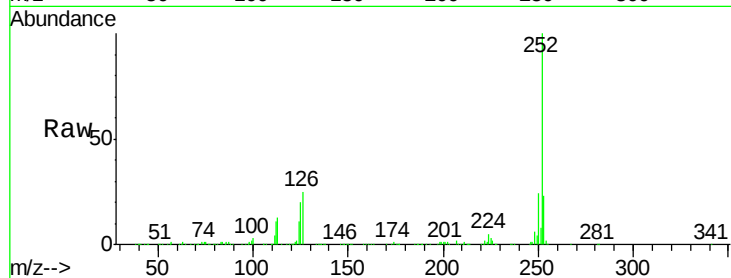
Tgt Ion:252 Resp: 459369

Ion Ratio Lower Upper

252 100

253 22.9 18.5 27.7

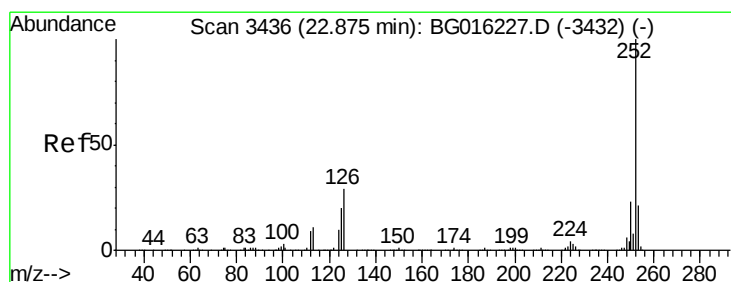
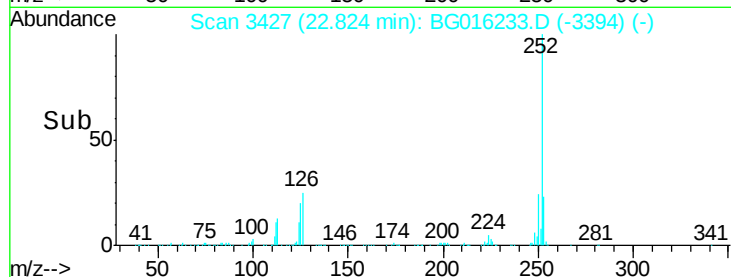
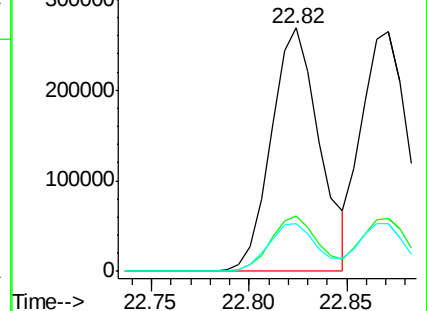
125 19.8 17.0 25.6



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



#88

Benzo(k)fluoranthene

Concen: 22.40 ng

RT: 22.87 min Scan# 3435

Delta R.T. -0.00 min

Lab File: BG016233.D

Acq: 6 Apr 2015 20:50

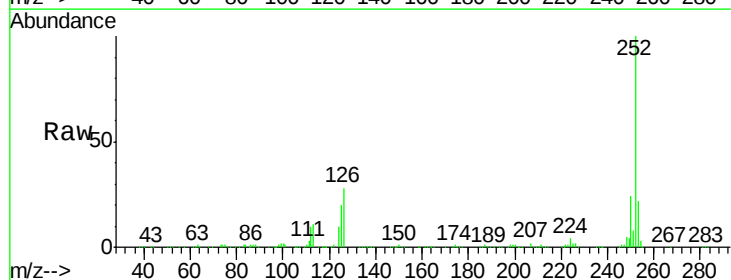
Tgt Ion:252 Resp: 440839

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

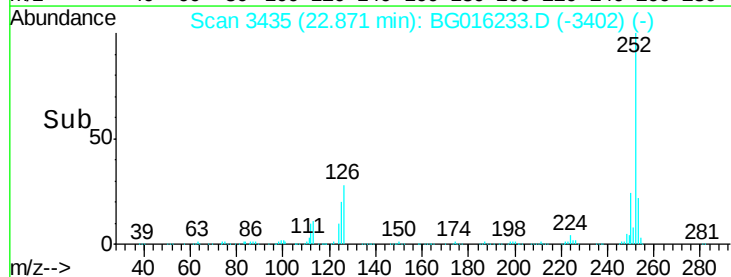
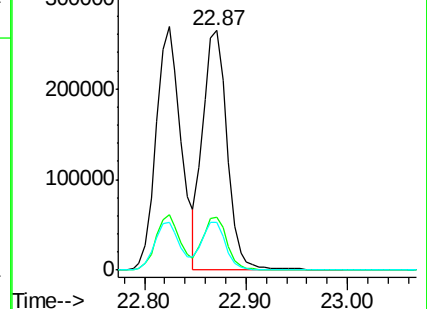
125 19.9 16.3 24.5

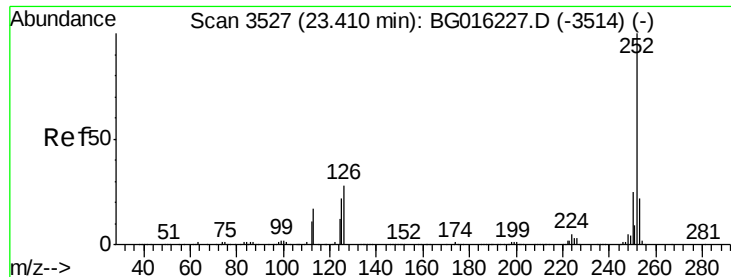


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 23.14 ng

RT: 23.41 min Scan# 3526

Delta R.T. -0.00 min

Lab File: BG016233.D

Acq: 6 Apr 2015 20:50

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2015-02

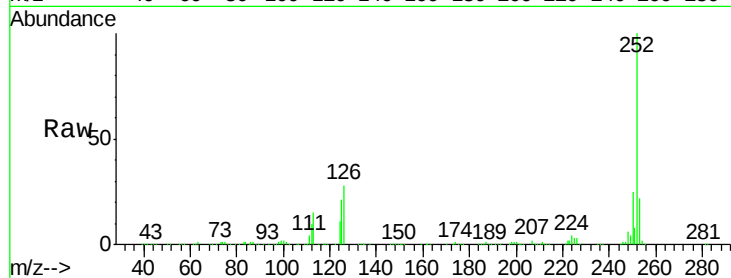
Tgt Ion:252 Resp: 436169

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 21.1 17.6 26.4

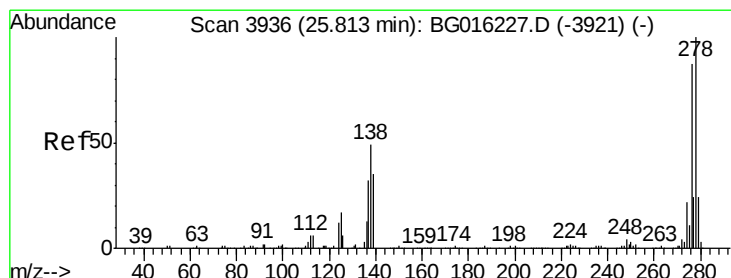
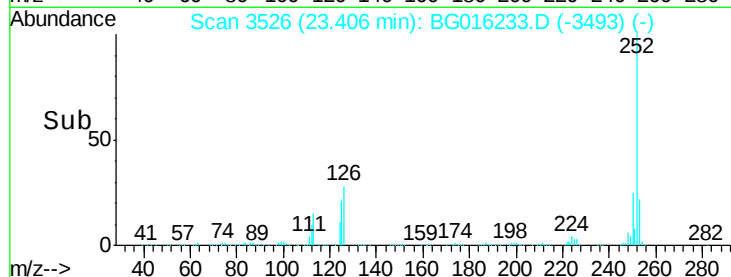
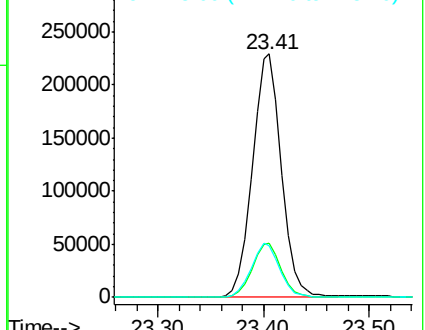


Abundance

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: 22.08 ng

RT: 25.80 min Scan# 3934

Delta R.T. -0.01 min

Lab File: BG016233.D

Acq: 6 Apr 2015 20:50

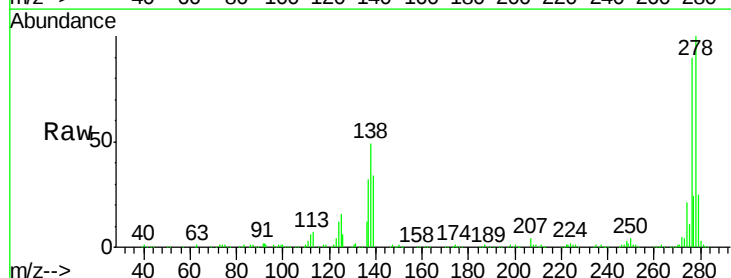
Tgt Ion:278 Resp: 404977

Ion Ratio Lower Upper

278 100

139 34.4 27.9 41.9

279 24.7 19.5 29.3

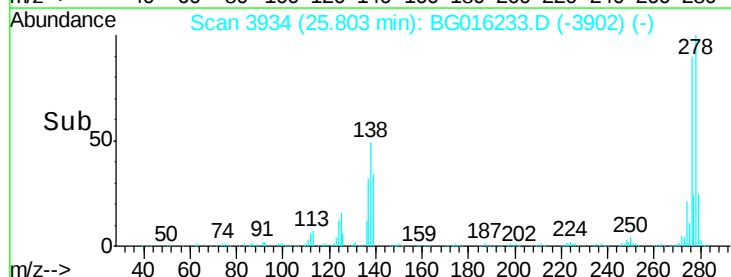
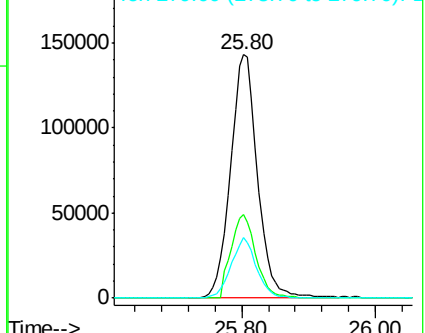


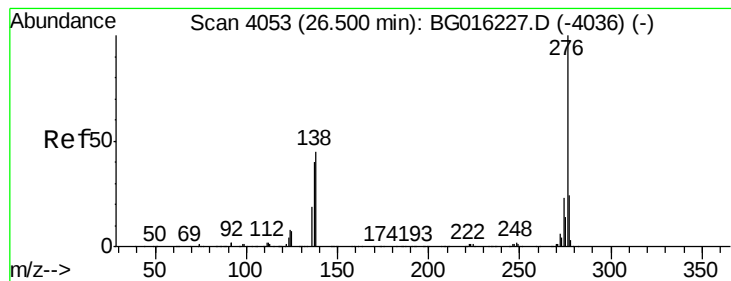
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 22.40 ng

RT: 26.50 min Scan# 4052

Delta R.T. -0.00 min

Lab File: BG016233.D

Acq: 6 Apr 2015 20:50

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2015-02

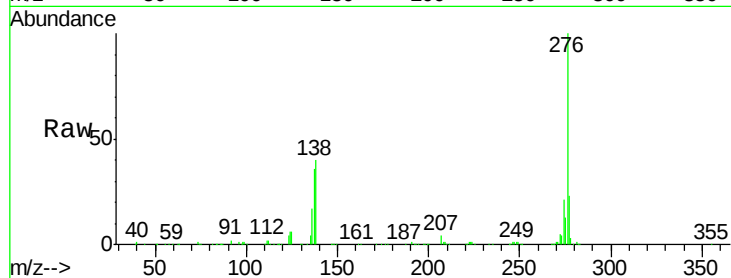
Tgt Ion: 276 Resp: 410424

Ion Ratio Lower Upper

276 100

277 23.3 19.5 29.3

138 40.0 35.7 53.5



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

