

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021116\
 Data File : BG020871.D
 Acq On : 12 Feb 2016 00:41
 Operator : SJ/UM
 Sample : G4825-06
 Misc : LOQ 20PPM
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2016-02

Quant Time: Feb 12 04:50:26 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 11 15:26:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	20514	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	104744	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	66094	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	140762	20.00	ng	0.00
75) Chrysene-d12	21.90	240	131480	20.00	ng	0.00
86) Perylene-d12	25.28	264	122395	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.80	112	183910	150.98	ng	0.00
7) Phenol-d6	7.41	99	261713	146.99	ng	0.00
23) Nitrobenzene-d5	9.44	82	141343	88.73	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	97944	150.69	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	399745	84.96	ng	0.00
78) Terphenyl-d14	20.20	244	521976	92.61	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.63	88	6582	14.86	ng	# 89
3) Pyridine	4.05	79	18982	14.49	ng	97
4) n-Nitrosodimethylamine	3.96	42	5935	17.32	ng	# 89
6) Aniline	7.58	93	22967	10.35	ng	95
8) 2-Chlorophenol	7.82	128	27699	18.20	ng	96
9) Benzaldehyde	7.40	77	19267	21.61	ng	98
10) Phenol	7.44	94	35404	18.79	ng	99
11) bis(2-Chloroethyl)ether	7.67	93	25177	16.73	ng	99
12) 1,3-Dichlorobenzene	8.15	146	26620	16.55	ng	97
13) 1,4-Dichlorobenzene	8.30	146	27215	16.68	ng	97
14) 1,2-Dichlorobenzene	8.62	146	26754	16.86	ng	98
15) Benzyl Alcohol	8.50	79	21349	19.02	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.79	45	24928	15.88	ng	98
17) 2-Methylphenol	8.70	107	25158	18.53	ng	98
18) Hexachloroethane	9.36	117	9433	16.82	ng	97
19) n-Nitroso-di-n-propylamine	9.07	70	19040	16.57	ng	99
20) 3+4-Methylphenols	9.03	107	35048	18.53	ng	98
22) Acetophenone	9.09	105	38810	15.37	ng	# 97
24) Nitrobenzene	9.48	77	27473	16.54	ng	99
25) Isophorone	10.00	82	55261	16.46	ng	98
26) 2-Nitrophenol	10.20	139	14110	16.15	ng	99
27) 2,4-Dimethylphenol	10.24	122	28433	16.98	ng	95
28) bis(2-Chloroethoxy)methane	10.48	93	36569	17.67	ng	98
29) 2,4-Dichlorophenol	10.73	162	28298	18.85	ng	97
30) 1,2,4-Trichlorobenzene	10.95	180	25416	16.81	ng	98
31) Naphthalene	11.14	128	91882	16.96	ng	99
32) Benzoic acid	10.32	122	14253	10.61	ng	97
33) 4-Chloroaniline	11.24	127	18343	7.87	ng	98
34) Hexachlorobutadiene	11.42	225	12672	16.44	ng	99
35) Caprolactam	12.00	113	11397	19.82	ng	95
36) 4-Chloro-3-methylphenol	12.34	107	31870	18.53	ng	99
37) 2-Methylnaphthalene	12.73	142	70414	18.52	ng	99
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	28922	14.92	ng	100
40) Hexachlorocyclopentadiene	13.07	237	12074	14.16	ng	97

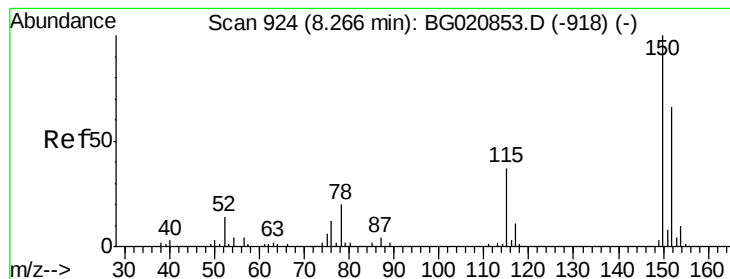
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021116\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.32	196	22492	17.27	ng	98
43) 2,4,5-Trichlorophenol	13.39	196	24739	18.07	ng	98
45) 1,1'-Biphenyl	13.72	154	89044	15.27	ng	99
46) 2-Chloronaphthalene	13.77	162	67984	16.29	ng	98
47) 2-Nitroaniline	13.96	65	17129	17.13	ng	96
48) Acenaphthylene	14.60	152	123084	16.96	ng	98
49) Dimethylphthalate	14.32	163	89446	17.31	ng	100
50) 2,6-Dinitrotoluene	14.45	165	19615	17.71	ng	99
51) Acenaphthene	14.94	154	74240	16.87	ng	98
52) 3-Nitroaniline	14.77	138	16930	13.16	ng	# 97
53) 2,4-Dinitrophenol	14.97	184	4564	17.12	ng	# 85
54) Dibenzofuran	15.27	168	113380	19.48	ng	99
55) 4-Nitrophenol	15.06	139	16770	17.26	ng	99
56) 2,4-Dinitrotoluene	15.23	165	25222	17.62	ng	93
57) Fluorene	15.92	166	95246	17.77	ng	100
58) 2,3,4,6-Tetrachlorophenol	15.50	232	20777	19.91	ng	# 99
59) Diethylphthalate	15.68	149	95468	17.97	ng	99
60) 4-Chlorophenyl-phenylether	15.91	204	40973	17.21	ng	98
61) 4-Nitroaniline	15.93	138	23375	18.10	ng	98
62) Azobenzene	16.20	77	81732	19.57	ng	99
64) 4,6-Dinitro-2-methylphenol	15.98	198	8626	16.19	ng	98
65) n-Nitrosodiphenylamine	16.12	169	79730	17.53	ng	100
66) 4-Bromophenyl-phenylether	16.80	248	24741	16.64	ng	97
67) Hexachlorobenzene	16.92	284	26873	16.99	ng	96
68) Atrazine	17.05	200	25228	18.28	ng	97
69) Pentachlorophenol	17.26	266	13033	14.37	ng	96
70) Phenanthrene	17.66	178	140523	17.53	ng	99
71) Anthracene	17.75	178	141461	17.39	ng	99
72) Carbazole	18.01	167	129135	17.69	ng	99
73) Di-n-butylphthalate	18.56	149	158356	16.92	ng	99
74) Fluoranthene	19.65	202	147047	16.99	ng	99
76) Benzidine	19.82	184	16754	3.94	ng	98
77) Pyrene	20.01	202	154433	17.81	ng	98
79) Butylbenzylphthalate	20.88	149	68657	16.53	ng	98
80) Benzo(a)anthracene	21.88	228	139019	17.71	ng	99
81) 3,3'-Dichlorobenzidine	21.78	252	22817	7.83	ng	97
82) Chrysene	21.95	228	124500	16.87	ng	99
83) Bis(2-ethylhexyl)phthalate	21.76	149	103386	16.79	ng	97
84) Di-n-octyl phthalate	23.03	149	173386	17.16	ng	100
85) Indeno(1,2,3-cd)pyrene	29.15	276	147932	17.43	ng	# 75
87) Benzo(b)fluoranthene	24.20	252	132049	17.63	ng	99
88) Benzo(k)fluoranthene	24.27	252	130560	17.79	ng	99
89) Benzo(a)pyrene	25.12	252	128283	17.97	ng	98
90) Dibenzo(a,h)anthracene	29.22	278	121624	17.52	ng	99
91) Benzo(g,h,i)perylene	30.37	276	120224	17.45	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG020871.D

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LOQ-WATER2016-02

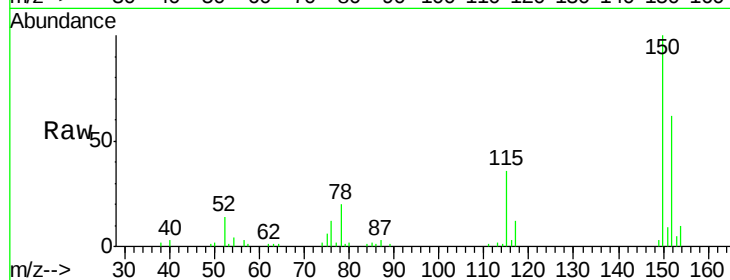
Tgt Ion:152 Resp: 20514

Ion Ratio Lower Upper

152 100

150 160.3 122.0 183.0

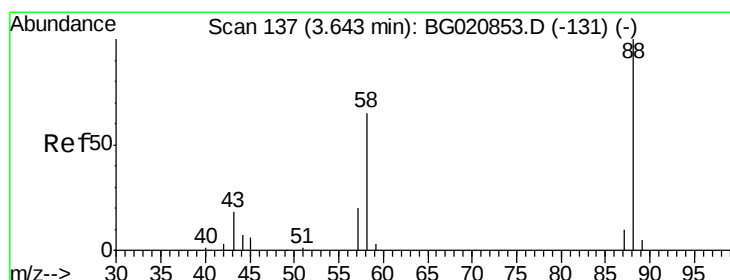
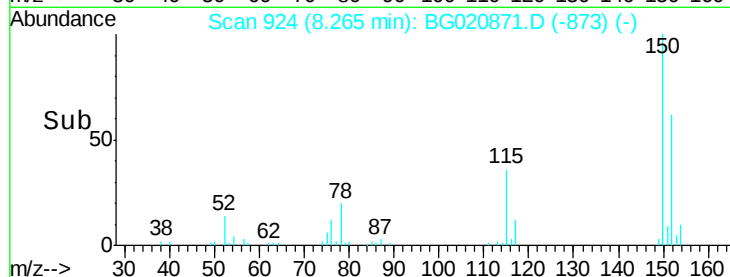
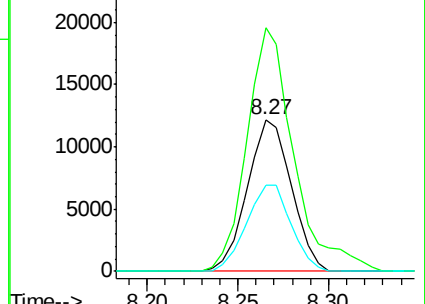
115 57.0 45.2 67.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 14.86 ng

RT: 3.63 min Scan# 135

Delta R.T. -0.01 min

Lab File: BG020871.D

Acq: 12 Feb 2016 00:41

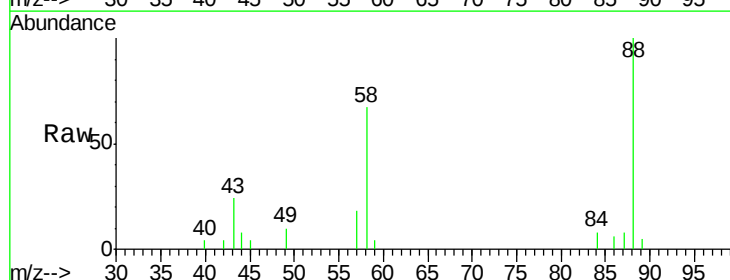
Tgt Ion: 88 Resp: 6582

Ion Ratio Lower Upper

88 100

58 70.3 50.3 75.5

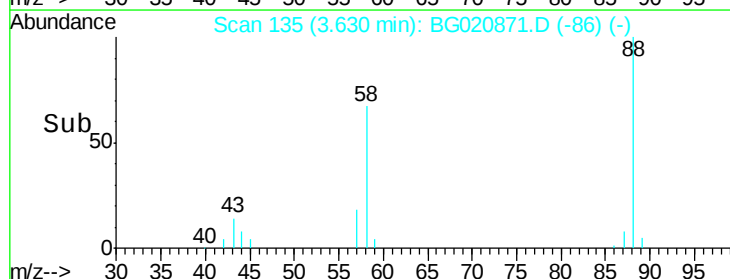
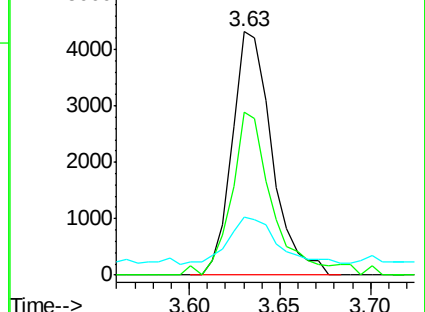
43 24.4 14.5 21.7#

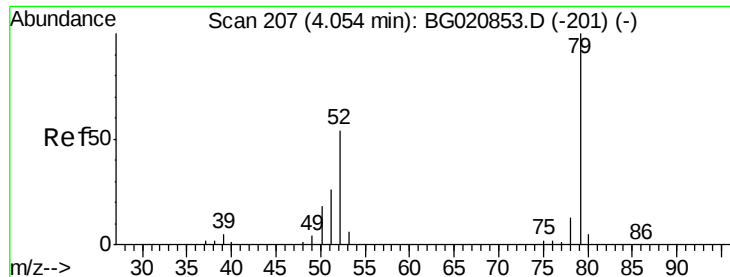


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 14.49 ng

RT: 4.05 min Scan# 206

Delta R.T. -0.01 min

Lab File: BG020871.D

Acq: 12 Feb 2016 00:41

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2016-02

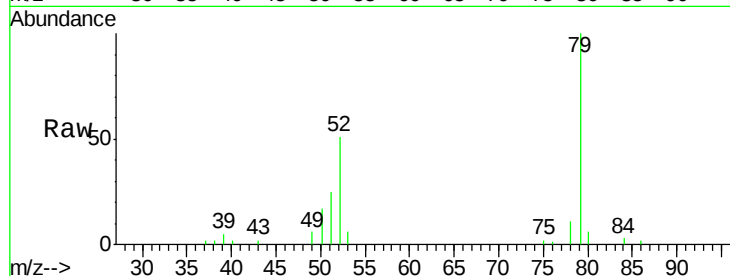
Tgt Ion: 79 Resp: 18982

Ion Ratio Lower Upper

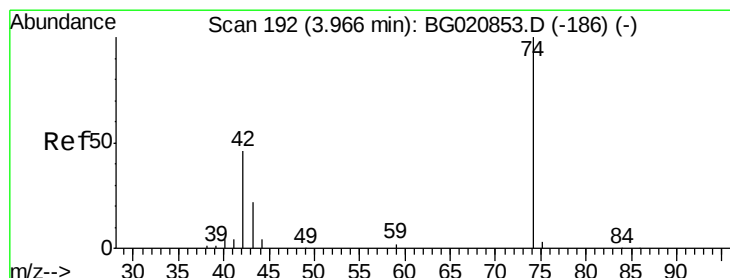
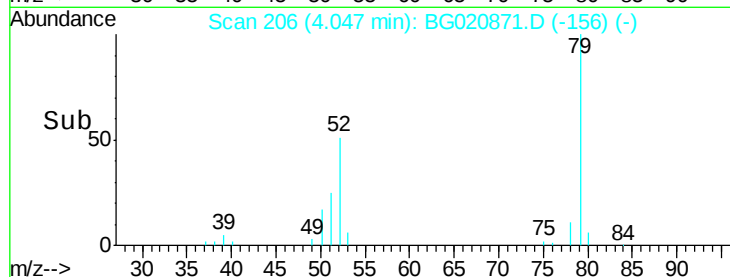
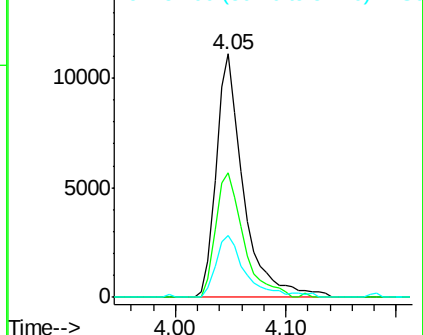
79 100

52 50.9 43.1 64.7

51 25.2 20.7 31.1



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



#4

n-Nitrosodimethylamine

Concen: 17.32 ng

RT: 3.96 min Scan# 191

Delta R.T. -0.01 min

Lab File: BG020871.D

Acq: 12 Feb 2016 00:41

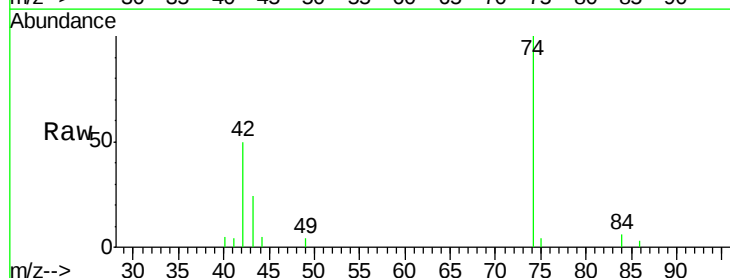
Tgt Ion: 42 Resp: 5935

Ion Ratio Lower Upper

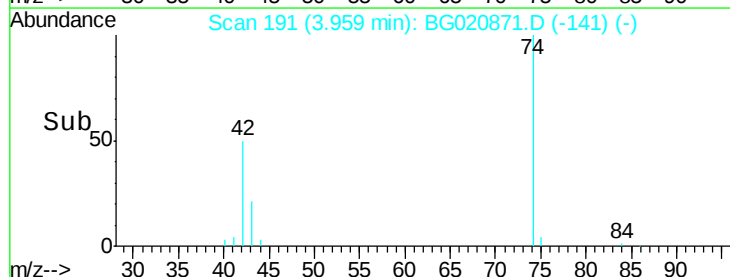
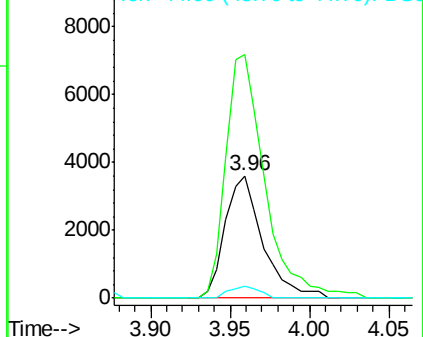
42 100

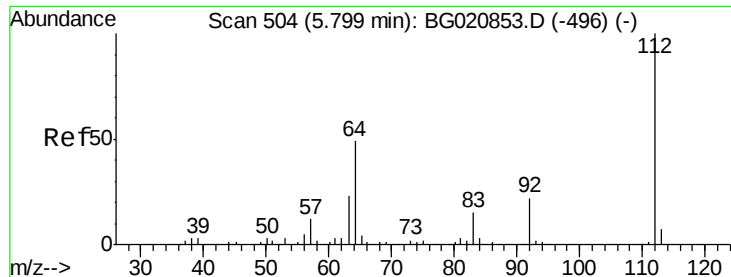
74 199.0 173.8 260.6

44 9.9 6.3 9.5#



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





#5

2-Fluorophenol

Concen: 150.98 ng

RT: 5.80 min Scan# 504

Delta R.T. -0.00 min

Lab File: BG020871.D

Acq: 12 Feb 2016 00:41

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LOQ-WATER2016-02

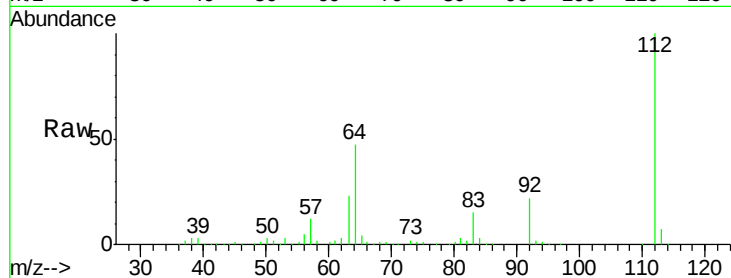
Tgt Ion: 112 Resp: 183910

Ion Ratio Lower Upper

112 100

64 46.9 39.3 58.9

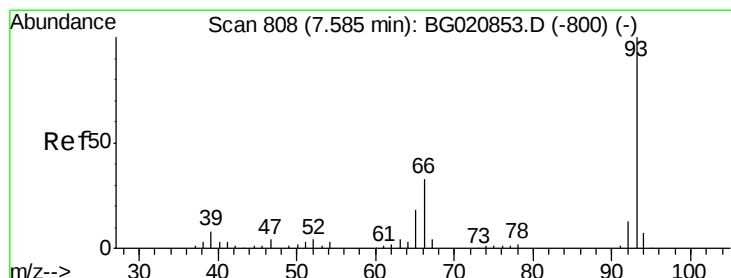
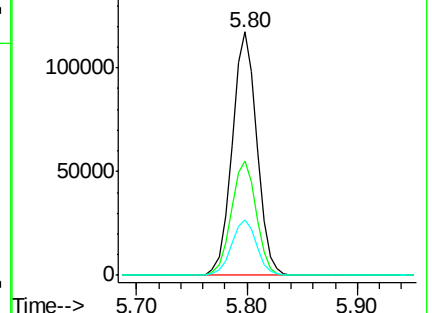
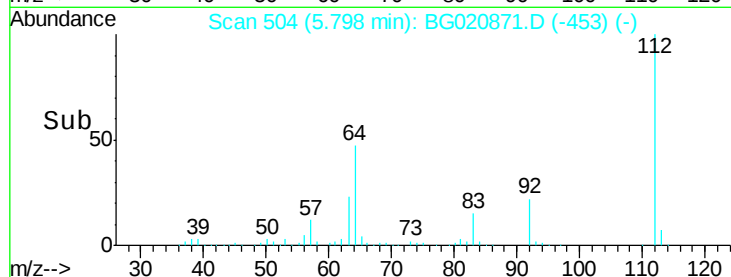
63 23.0 18.2 27.4



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 10.35 ng

RT: 7.58 min Scan# 807

Delta R.T. -0.01 min

Lab File: BG020871.D

Acq: 12 Feb 2016 00:41

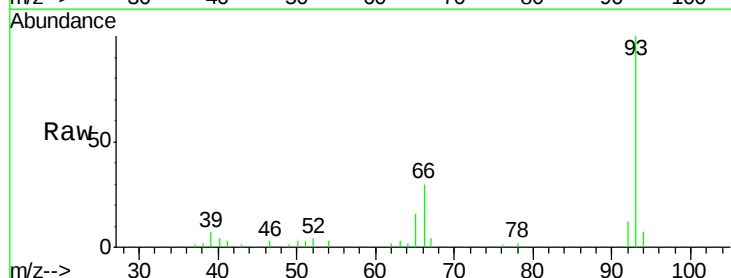
Tgt Ion: 93 Resp: 22967

Ion Ratio Lower Upper

93 100

66 29.7 26.6 40.0

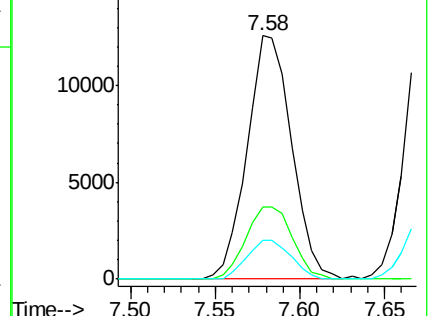
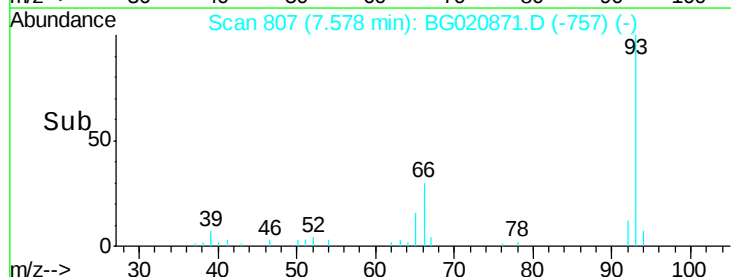
65 16.0 14.0 21.0

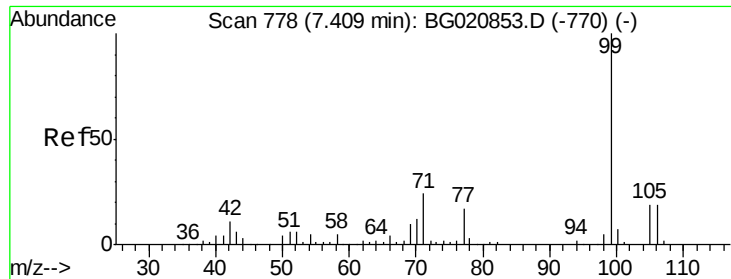


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 146.99 ng

RT: 7.41 min Scan# 778

Delta R.T. -0.00 min

Lab File: BG020871.D

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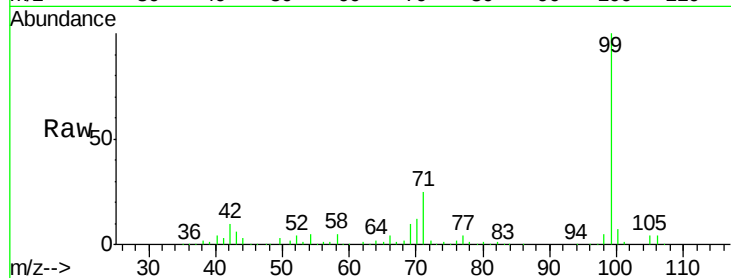
Tgt Ion: 99 Resp: 261713

Ion Ratio Lower Upper

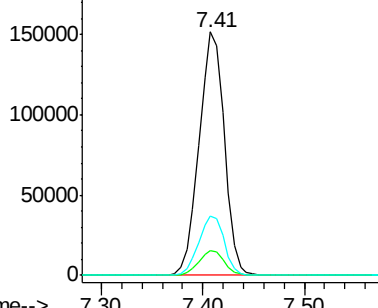
99 100

42 10.2 8.4 12.6

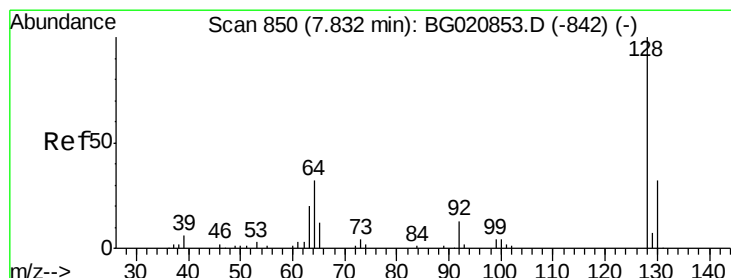
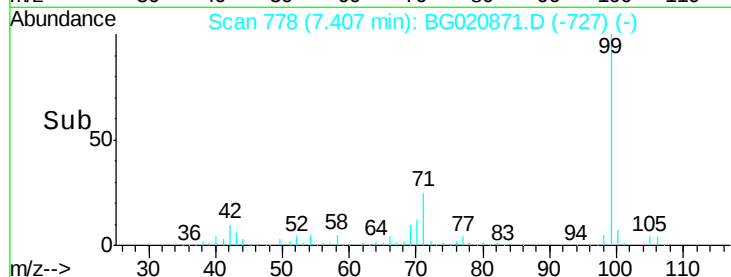
71 24.5 19.4 29.0



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



Time-->



#8

2-Chlorophenol

Concen: 18.20 ng

RT: 7.82 min Scan# 849

Delta R.T. -0.01 min

Lab File: BG020871.D

Acq: 12 Feb 2016 00:41

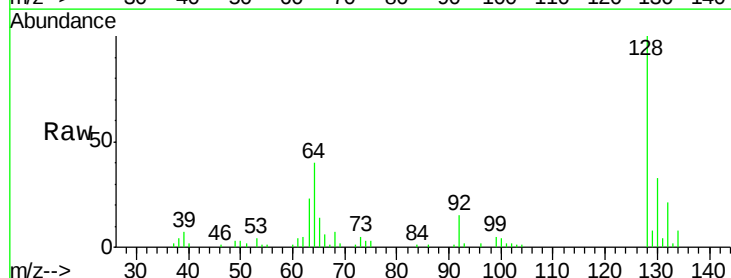
Tgt Ion: 128 Resp: 27699

Ion Ratio Lower Upper

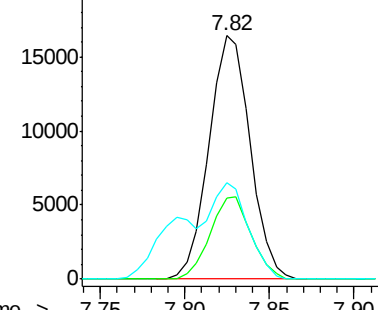
128 100

130 33.1 12.3 52.3

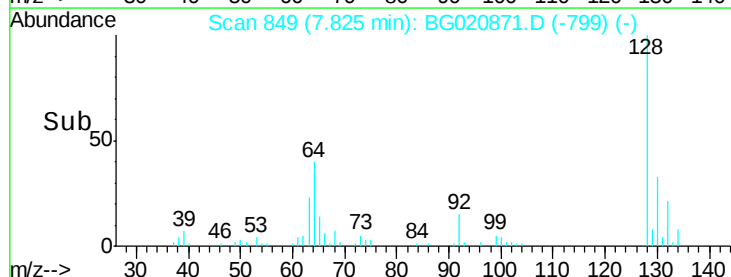
64 39.7 15.9 55.9

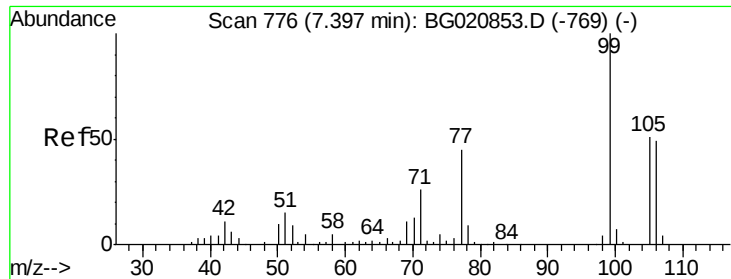


Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC



Time-->





#9

Benzaldehyde

Concen: 21.61 ng

RT: 7.40 min Scan# 776

Delta R.T. -0.00 min

Lab File: BG020871.D

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LOQ-WATER2016-02

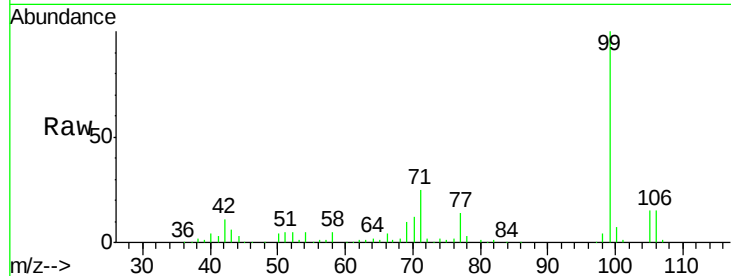
Tgt Ion: 77 Resp: 19267

Ion Ratio Lower Upper

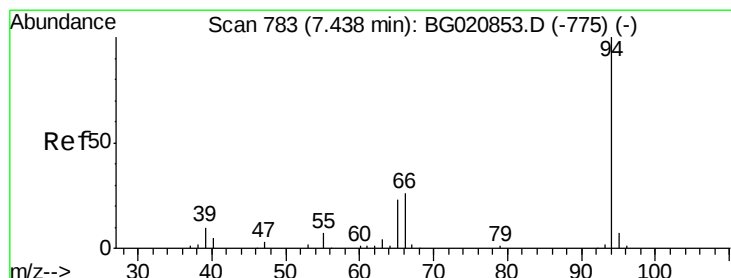
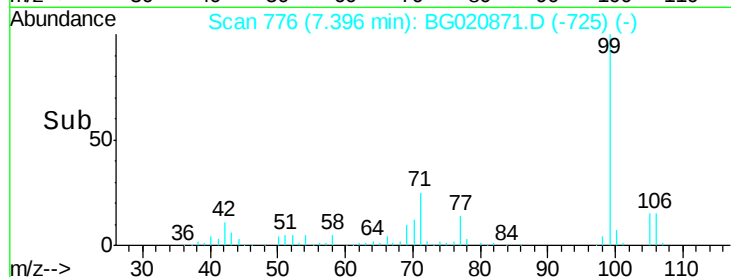
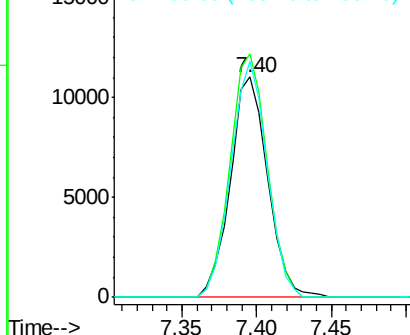
77 100

105 110.4 93.4 133.4

106 106.8 88.7 128.7



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 18.79 ng

RT: 7.44 min Scan# 783

Delta R.T. -0.00 min

Lab File: BG020871.D

Acq: 12 Feb 2016 00:41

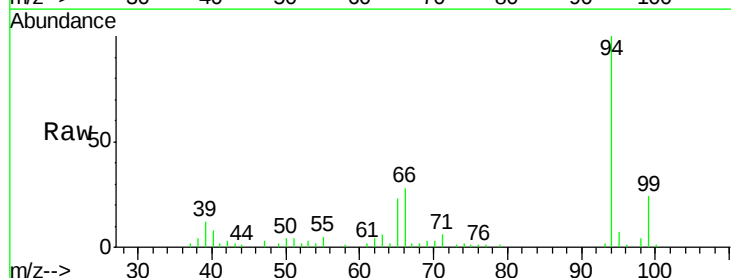
Tgt Ion: 94 Resp: 35404

Ion Ratio Lower Upper

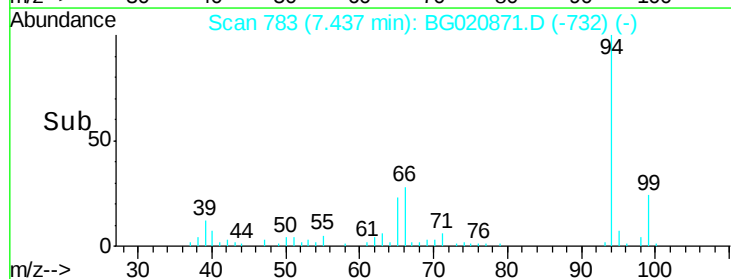
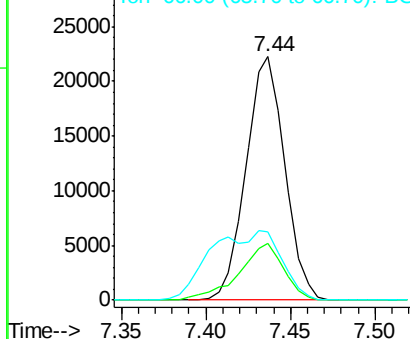
94 100

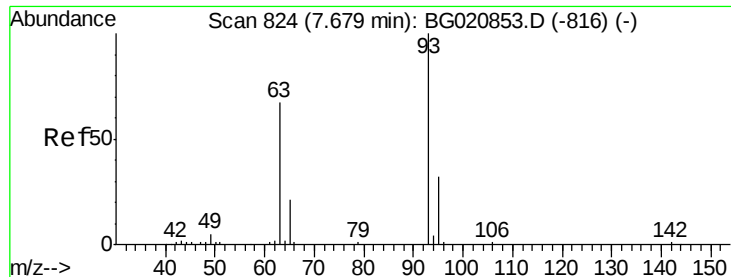
65 23.2 2.8 42.8

66 28.1 7.2 47.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

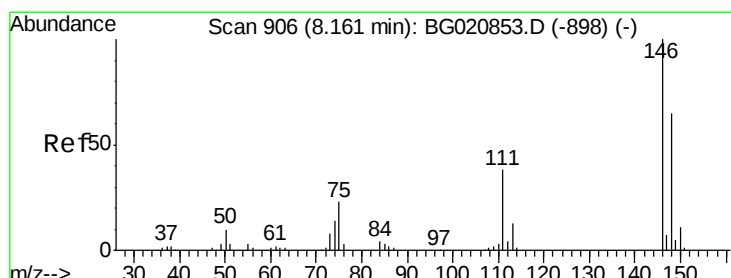
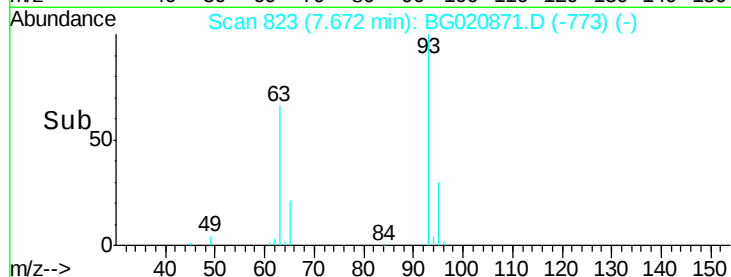
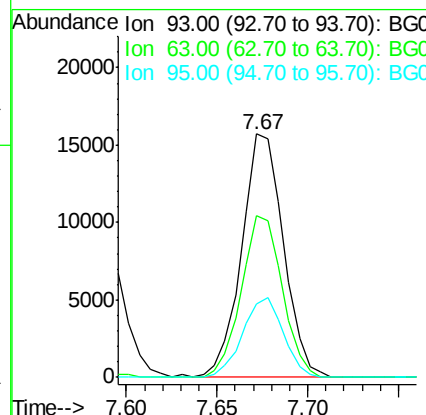
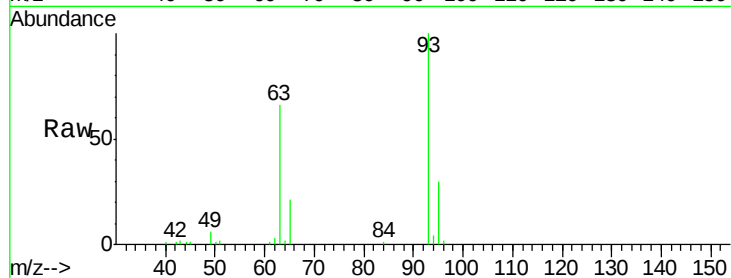




#11
 bis(2-Chloroethyl)ether
 Concen: 16.73 ng
 RT: 7.67 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BG020871.D
 Acq: 12 Feb 2016 00:41

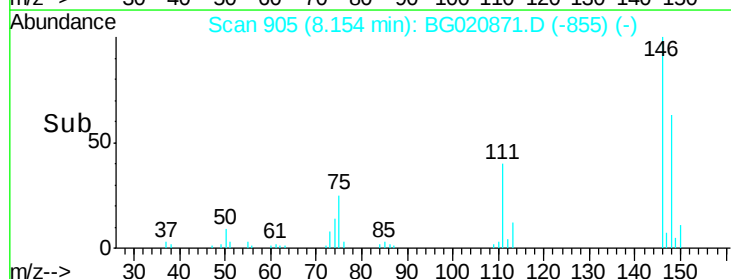
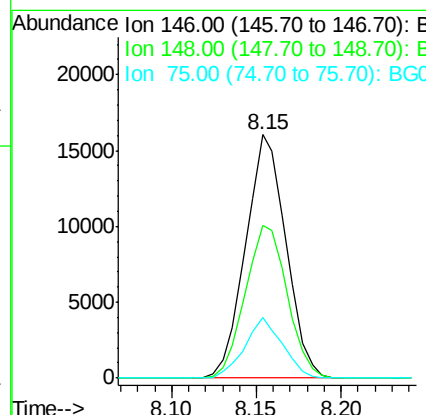
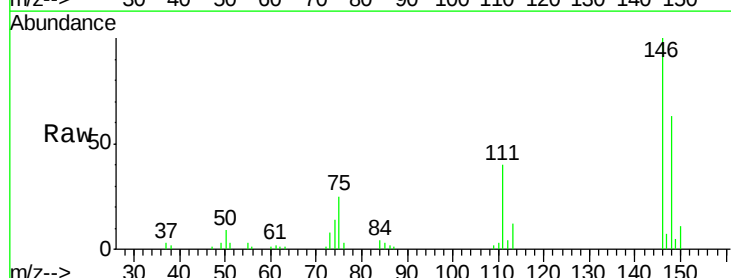
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2016-02

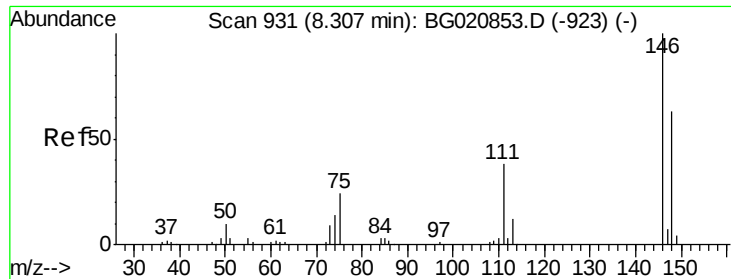
Tgt Ion:	93	Resp:	25177
Ion	Ratio	Lower	Upper
93	100		
63	66.2	46.4	86.4
95	30.3	12.1	52.1



#12
 1,3-Dichlorobenzene
 Concen: 16.55 ng
 RT: 8.15 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BG020871.D
 Acq: 12 Feb 2016 00:41

Tgt Ion:	146	Resp:	26620
Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.8	77.8
75	24.9	18.7	28.1

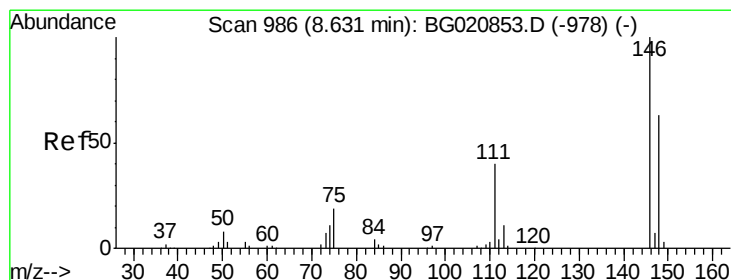
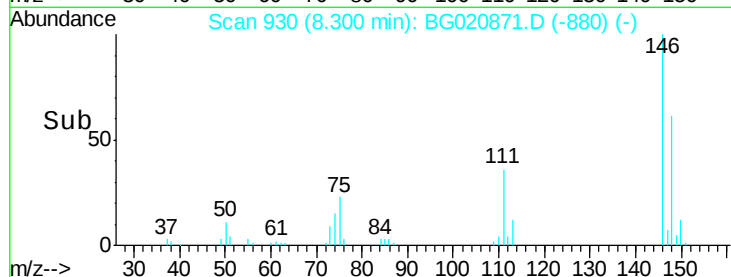
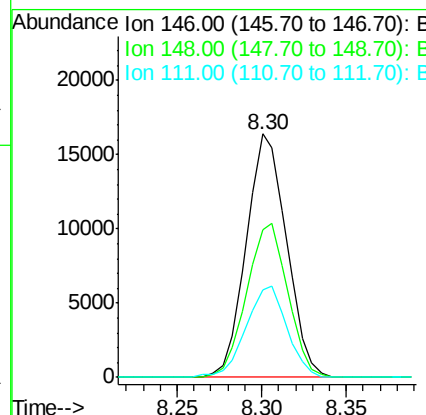
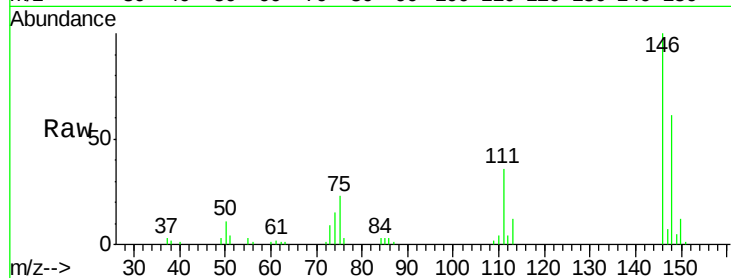




#13
 1,4-Dichlorobenzene
 Concen: 16.68 ng
 RT: 8.30 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: BG020871.D
 Acq: 12 Feb 2016 00:41

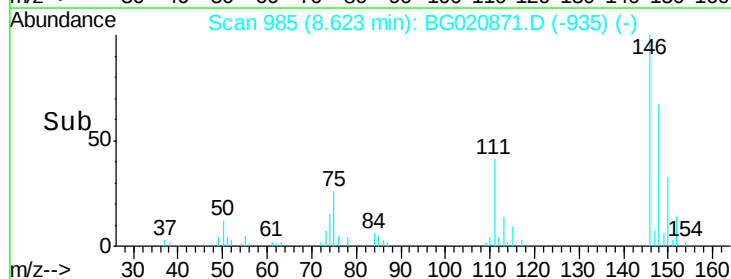
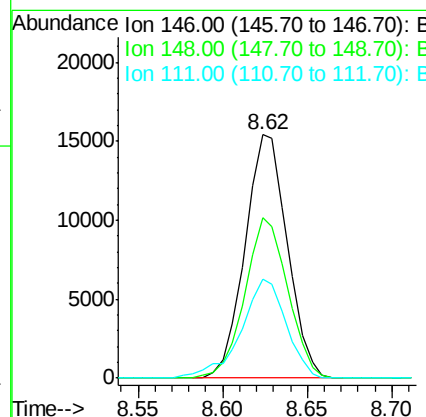
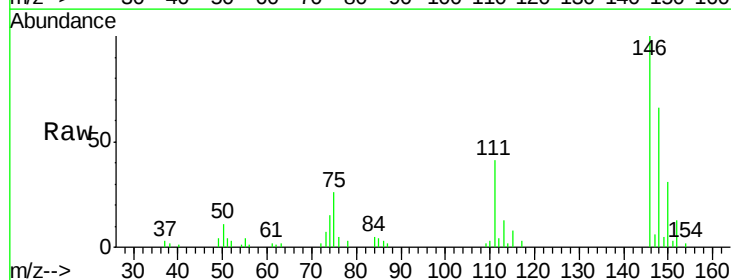
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2016-02

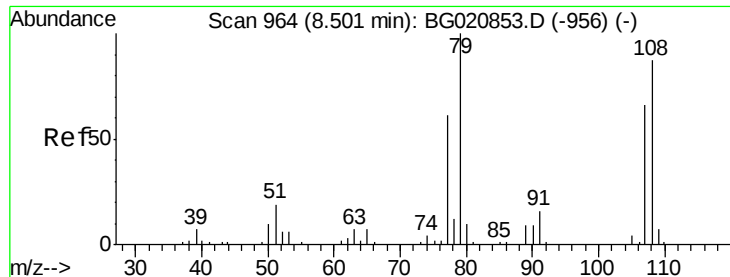
Tgt Ion:146 Resp: 27215
 Ion Ratio Lower Upper
 146 100
 148 60.7 50.8 76.2
 111 36.1 30.1 45.1



#14
 1,2-Dichlorobenzene
 Concen: 16.86 ng
 RT: 8.62 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BG020871.D
 Acq: 12 Feb 2016 00:41

Tgt Ion:146 Resp: 26754
 Ion Ratio Lower Upper
 146 100
 148 65.7 50.6 76.0
 111 40.9 32.6 48.8





#15

Benzyl Alcohol

Concen: 19.02 ng

RT: 8.50 min Scan# 964

Delta R.T. -0.00 min

Lab File: BG020871.D

Acq: 12 Feb 2016 00:41

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2016-02

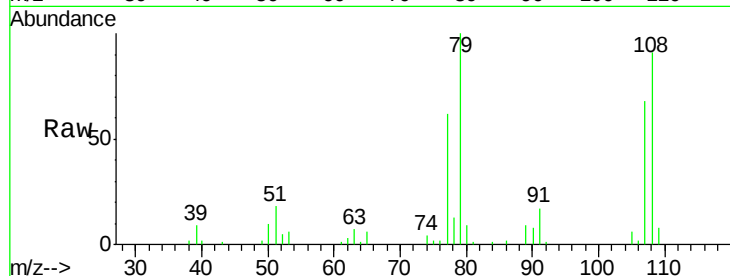
Tgt Ion: 79 Resp: 21349

Ion Ratio Lower Upper

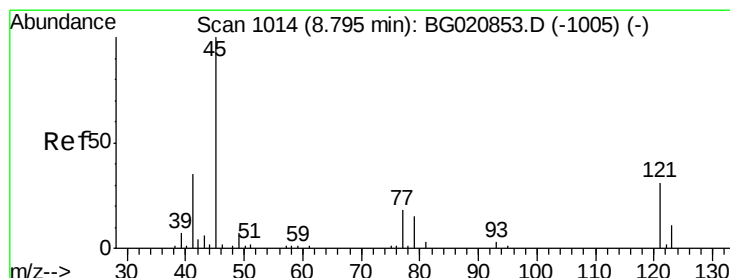
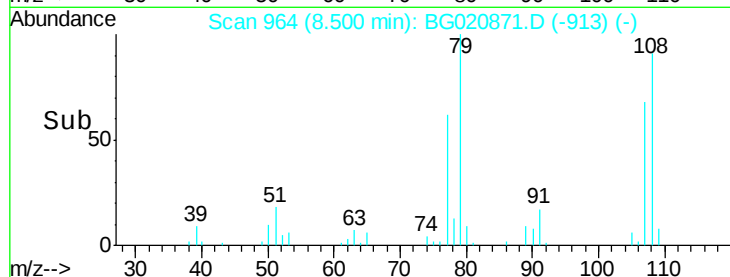
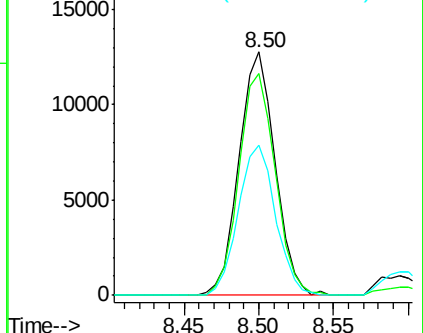
79 100

108 91.1 69.4 104.2

77 61.7 48.6 73.0



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 15.88 ng

RT: 8.79 min Scan# 1014

Delta R.T. -0.00 min

Lab File: BG020871.D

Acq: 12 Feb 2016 00:41

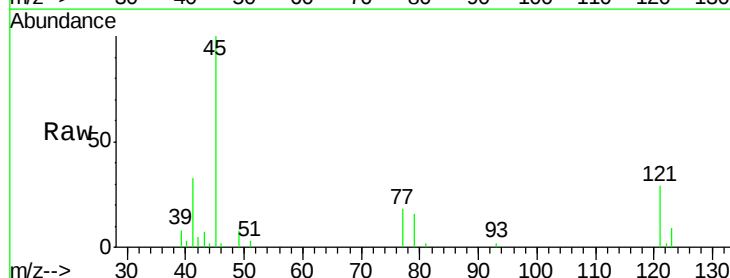
Tgt Ion: 45 Resp: 24928

Ion Ratio Lower Upper

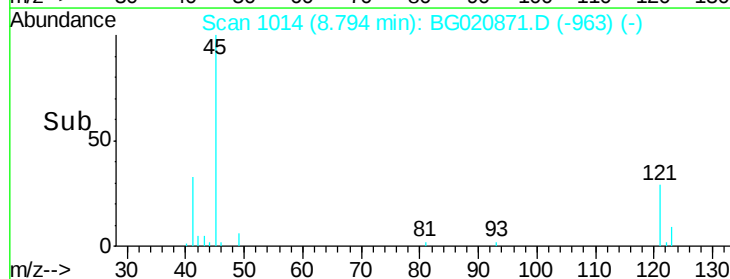
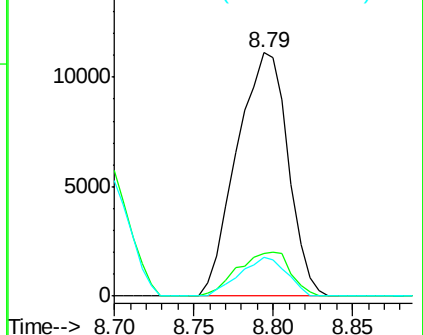
45 100

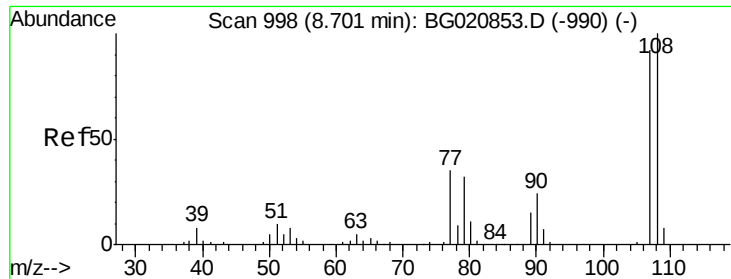
77 17.7 0.0 38.5

79 15.8 0.0 34.9



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

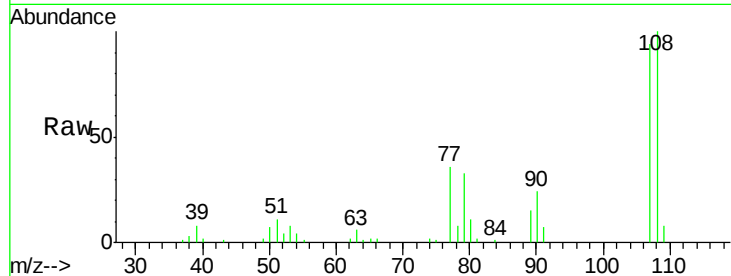




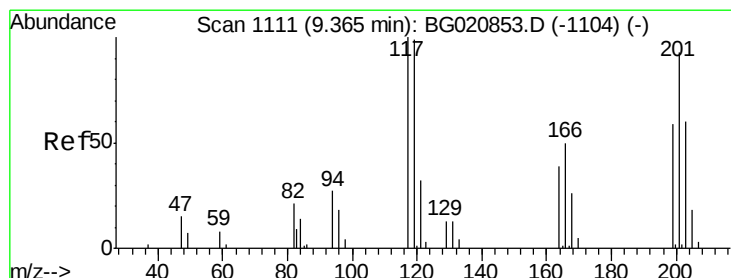
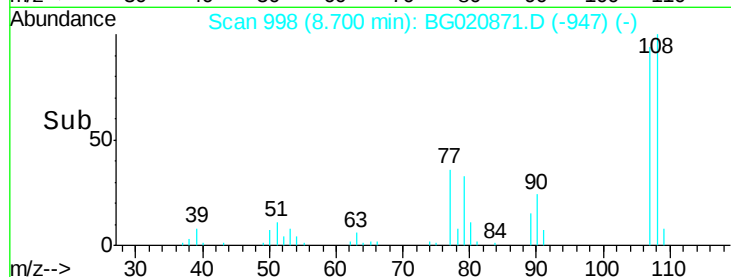
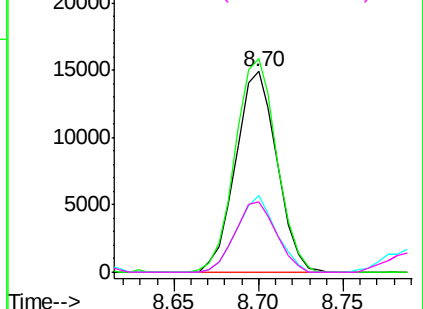
#17
2-Methylphenol
Concen: 18.53 ng
RT: 8.70 min Scan# 998
Delta R.T. -0.00 min
Lab File: BG020871.D
Acq: 12 Feb 2016 00:41

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2016-02

Tgt Ion:107 Resp: 25158
Ion Ratio Lower Upper
107 100
108 106.6 87.0 130.4
77 38.6 30.1 45.1
79 35.4 27.4 41.2

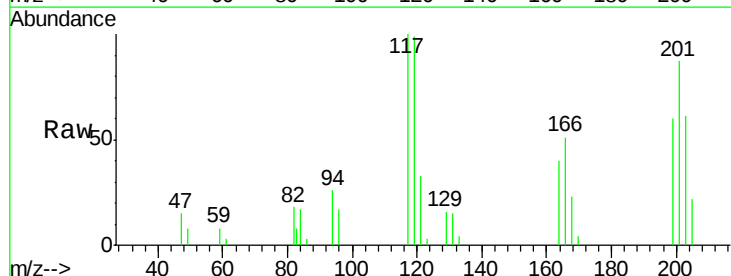


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

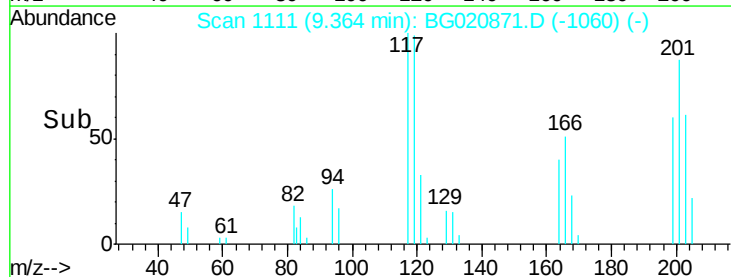
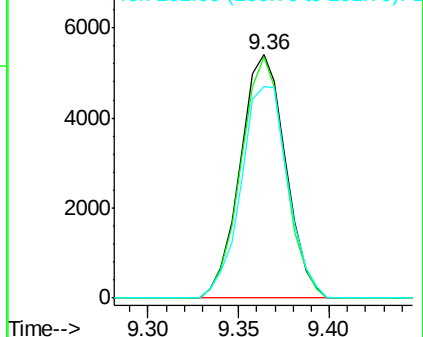


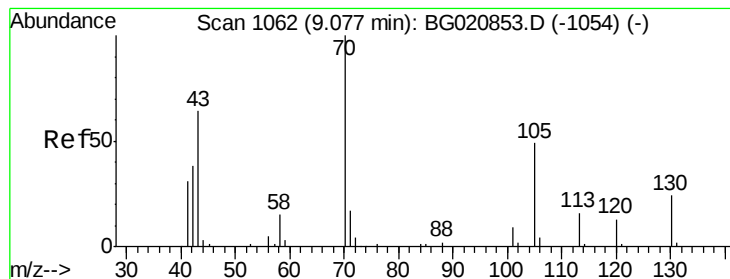
#18
Hexachloroethane
Concen: 16.82 ng
RT: 9.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BG020871.D
Acq: 12 Feb 2016 00:41

Tgt Ion:117 Resp: 9433
Ion Ratio Lower Upper
117 100
119 99.2 79.6 119.4
201 86.9 74.5 111.7



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





#19

n-Nitroso-di-n-propylamine

Concen: 16.57 ng

RT: 9.07 min Scan# 1061

Delta R.T. -0.01 min

Lab File: BG020871.D

Acq: 12 Feb 2016 00:41

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2016-02

Tgt Ion: 70 Resp: 19040

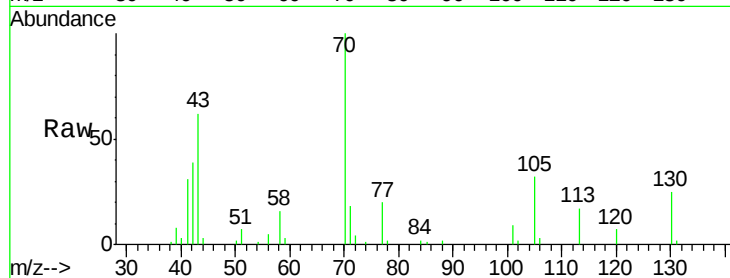
Ion Ratio Lower Upper

70 100

42 38.7 30.9 46.3

101 9.3 7.3 10.9

130 25.1 19.4 29.0

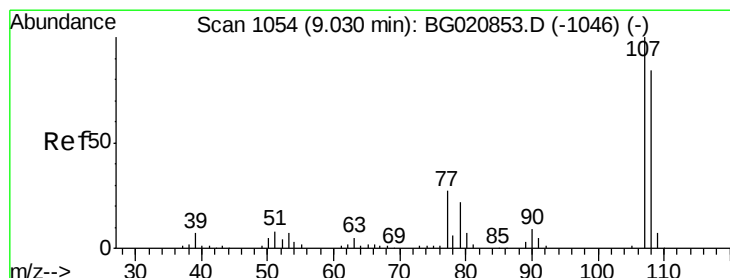
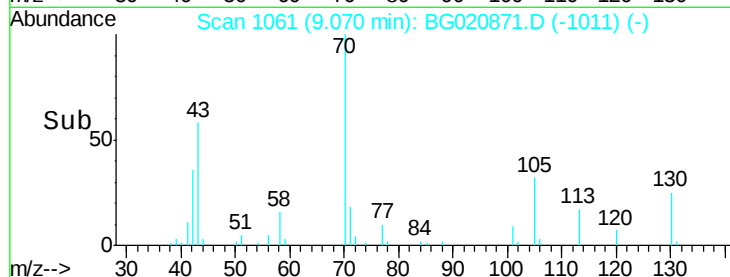
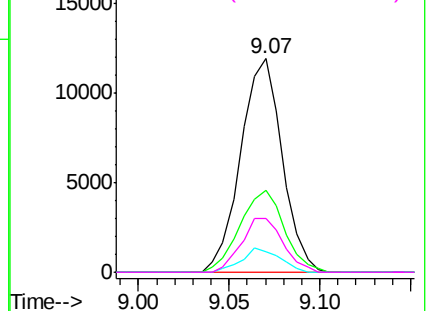


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 18.53 ng

RT: 9.03 min Scan# 1054

Delta R.T. -0.00 min

Lab File: BG020871.D

Acq: 12 Feb 2016 00:41

Tgt Ion: 107 Resp: 35048

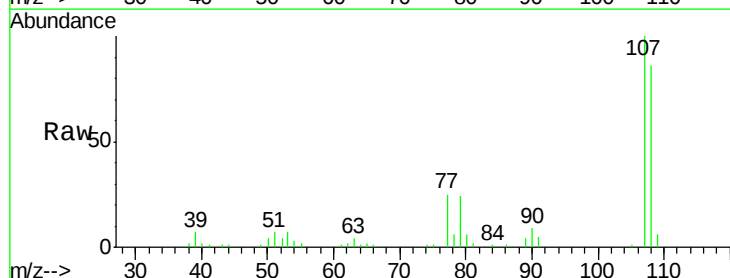
Ion Ratio Lower Upper

107 100

108 85.9 64.4 104.4

77 25.2 7.1 47.1

79 24.0 1.9 41.9

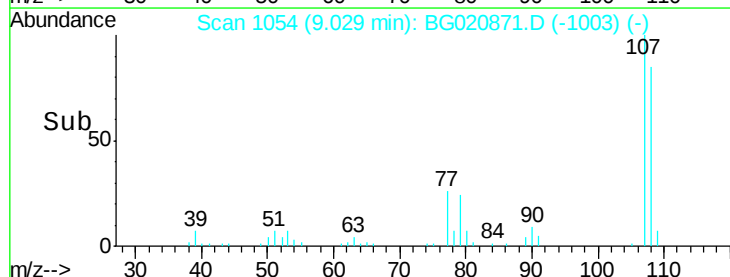
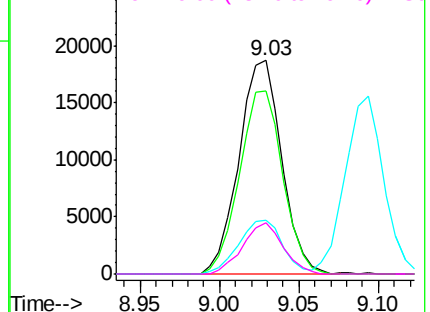


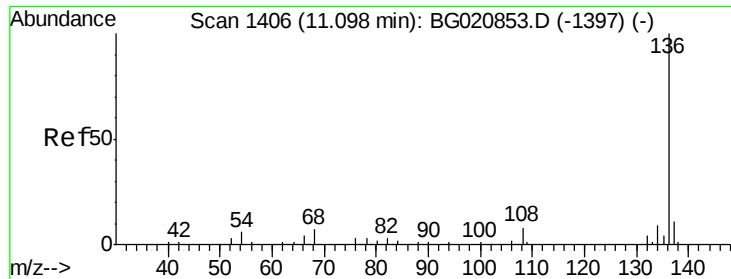
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

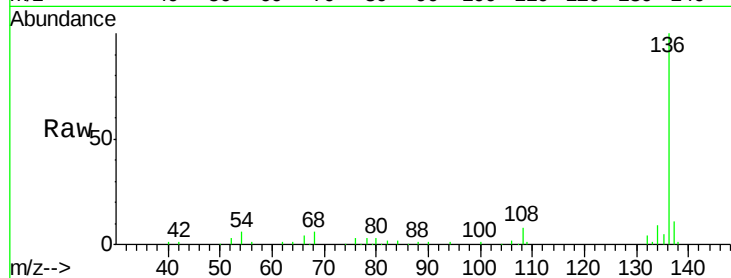




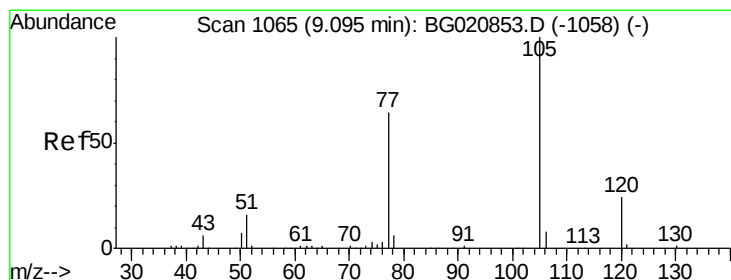
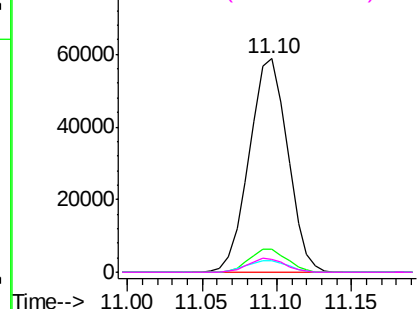
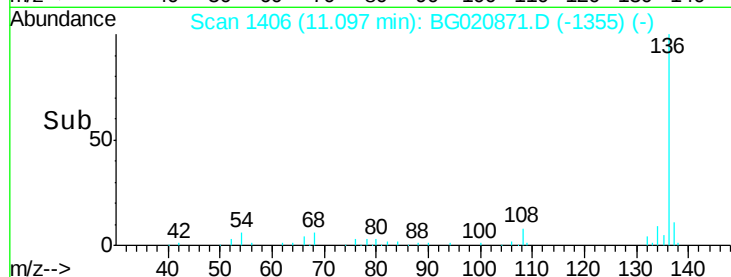
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.10 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BG020871.D
Acq: 12 Feb 2016 00:41

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2016-02

Tgt Ion:	136	Resp:	104744
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	5.5	5.0	7.4
68	6.1	5.2	7.8

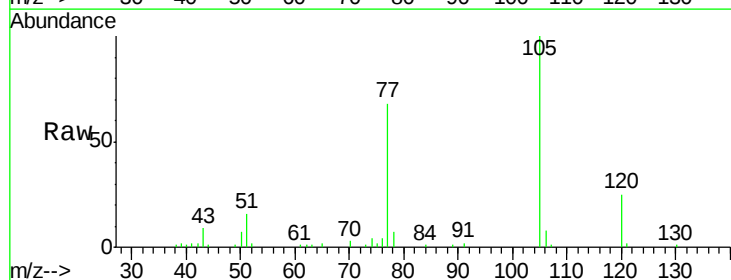


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

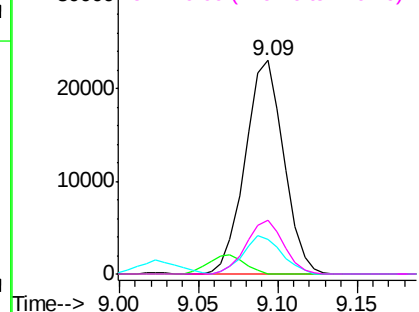
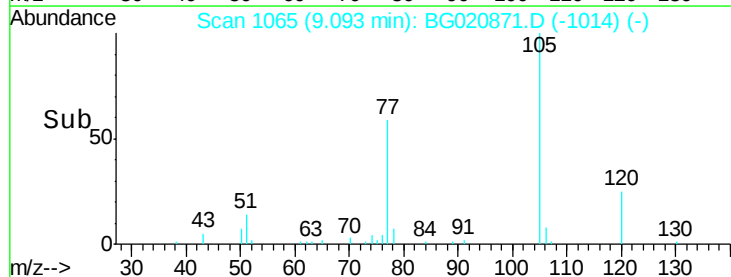


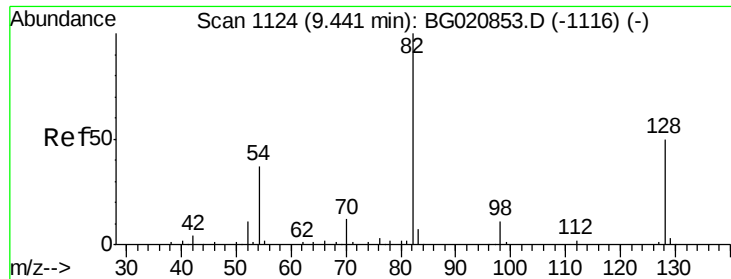
#22
Acetophenone
Concen: 15.37 ng
RT: 9.09 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BG020871.D
Acq: 12 Feb 2016 00:41

Tgt Ion:	105	Resp:	38810
Ion	Ratio	Lower	Upper
105	100		
71	0.0	1.4	2.0#
51	15.9	13.7	20.5
120	25.2	19.0	28.6



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BG
Ion 51.00 (50.70 to 51.70): BG
Ion 120.00 (119.70 to 120.70): E

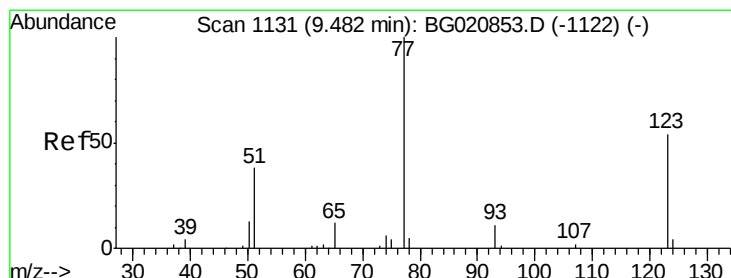
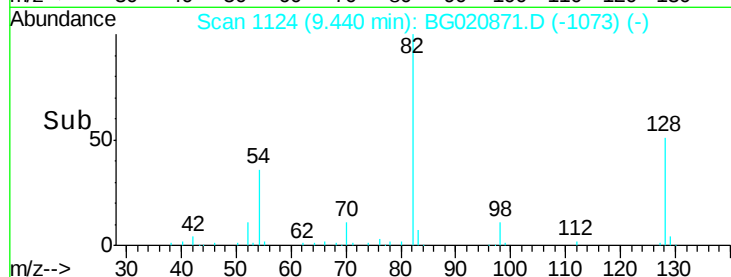
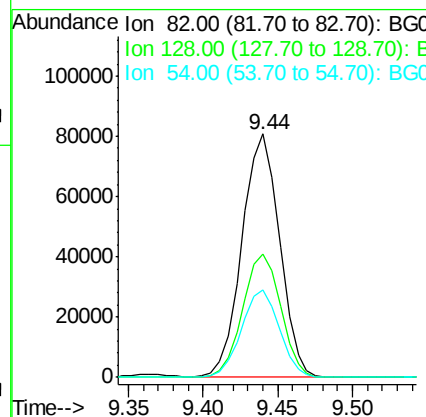
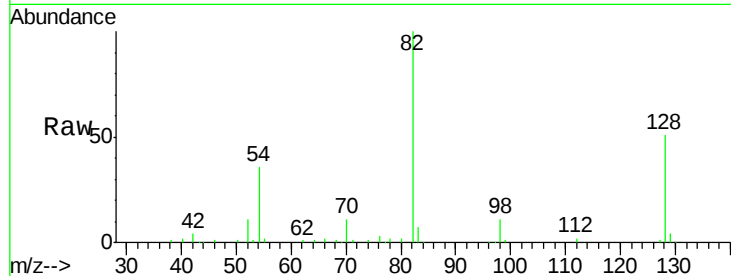




#23
 Nitrobenzene-d5
 Concen: 88.73 ng
 RT: 9.44 min Scan# 1124
 Delta R.T. -0.00 min
 Lab File: BG020871.D
 Acq: 12 Feb 2016 00:41

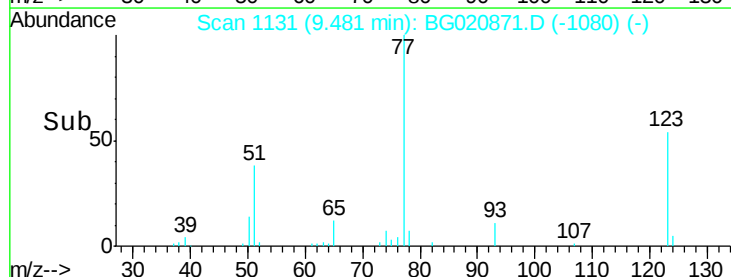
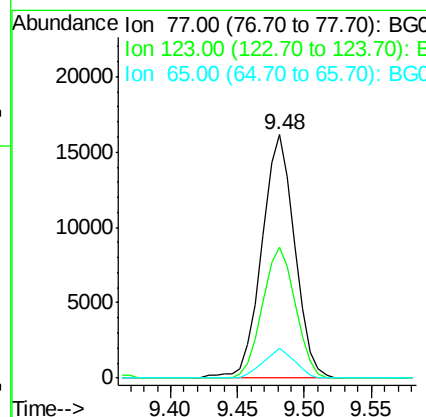
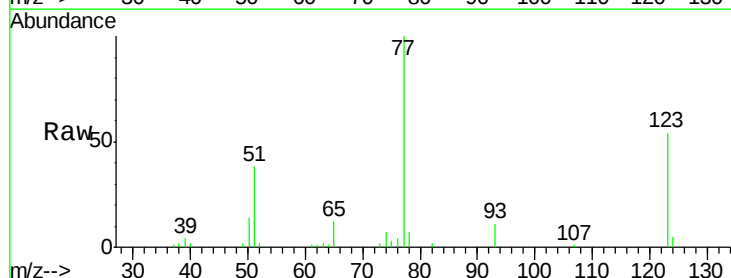
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2016-02

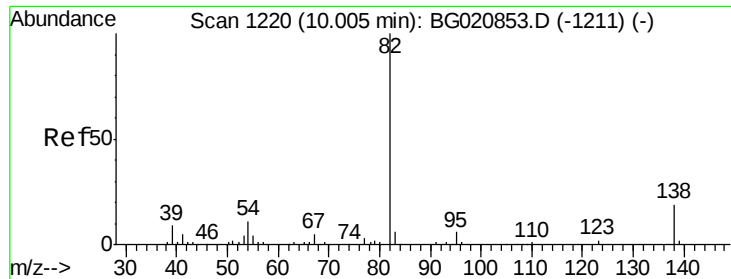
Tgt Ion: 82 Resp: 141343
 Ion Ratio Lower Upper
 82 100
 128 50.9 40.1 60.1
 54 35.8 29.5 44.3



#24
 Nitrobenzene
 Concen: 16.54 ng
 RT: 9.48 min Scan# 1131
 Delta R.T. -0.00 min
 Lab File: BG020871.D
 Acq: 12 Feb 2016 00:41

Tgt Ion: 77 Resp: 27473
 Ion Ratio Lower Upper
 77 100
 123 53.7 43.2 64.8
 65 12.3 9.2 13.8





#25

Isophorone

Concen: 16.46 ng

RT: 10.00 min Scan# 1219

Delta R.T. -0.01 min

Lab File: BG020871.D

Acq: 12 Feb 2016 00:41

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2016-02

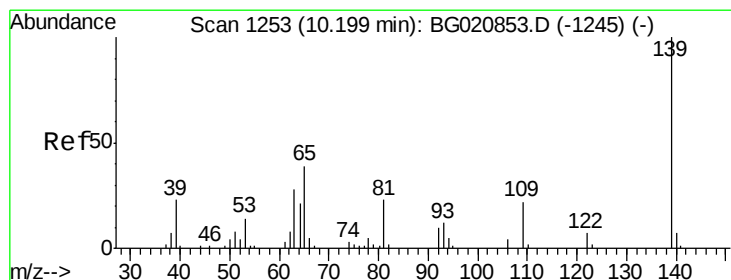
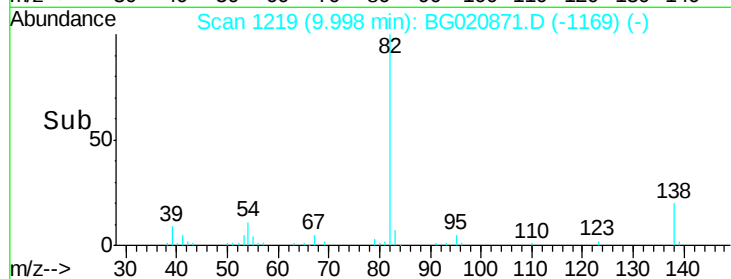
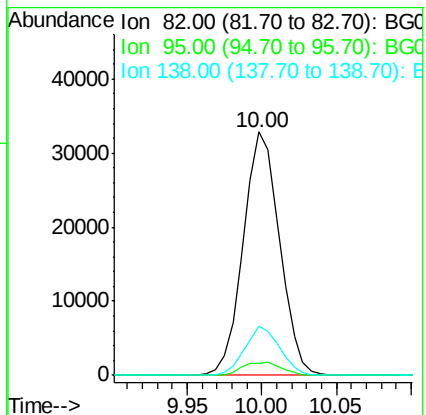
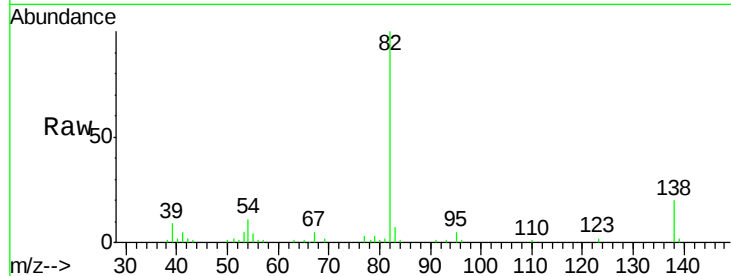
Tgt Ion: 82 Resp: 55261

Ion Ratio Lower Upper

82 100

95 5.2 4.8 7.2

138 20.0 15.4 23.0



#26

2-Nitrophenol

Concen: 16.15 ng

RT: 10.20 min Scan# 1253

Delta R.T. -0.00 min

Lab File: BG020871.D

Acq: 12 Feb 2016 00:41

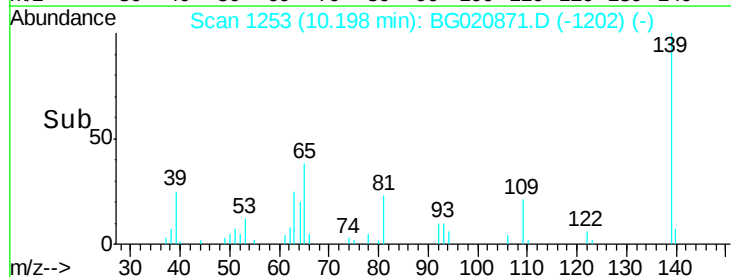
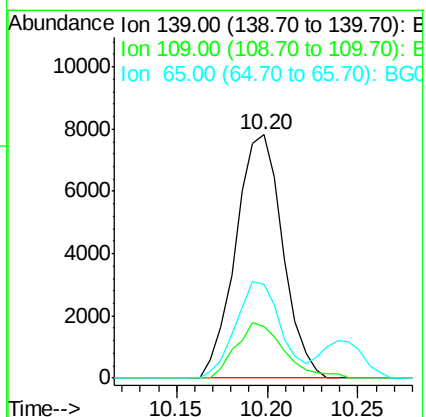
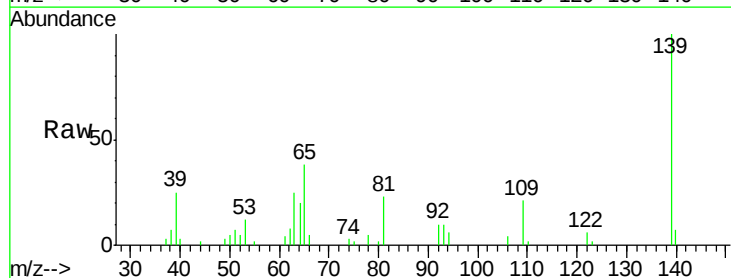
Tgt Ion: 139 Resp: 14110

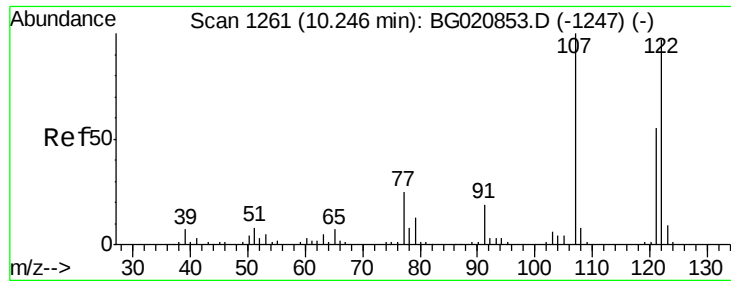
Ion Ratio Lower Upper

139 100

109 21.4 17.6 26.4

65 38.3 31.0 46.6

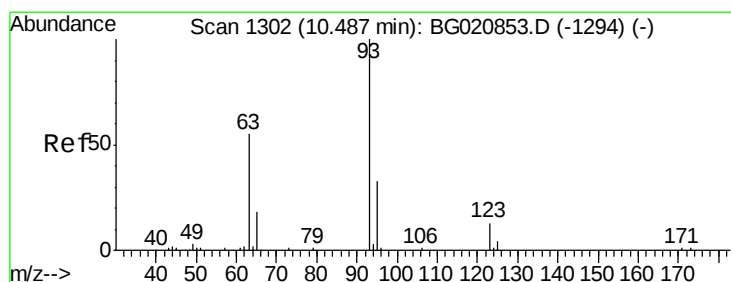
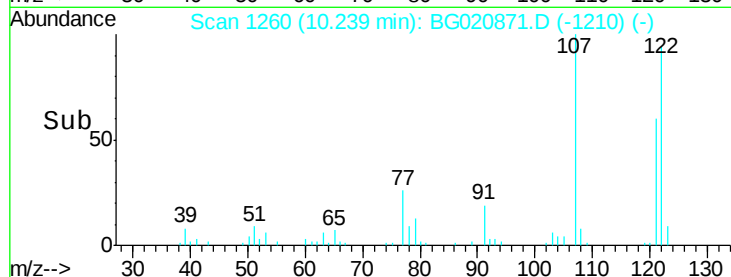
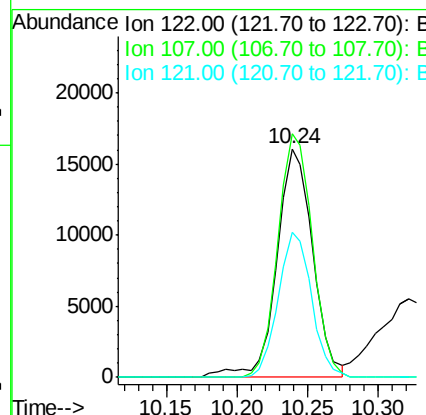
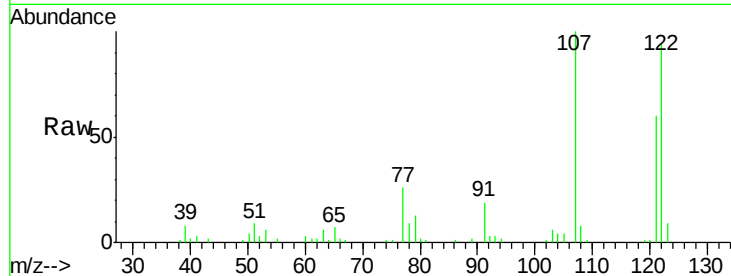




#27
 2,4-Dimethylphenol
 Concen: 16.98 ng
 RT: 10.24 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BG020871.D
 Acq: 12 Feb 2016 00:41

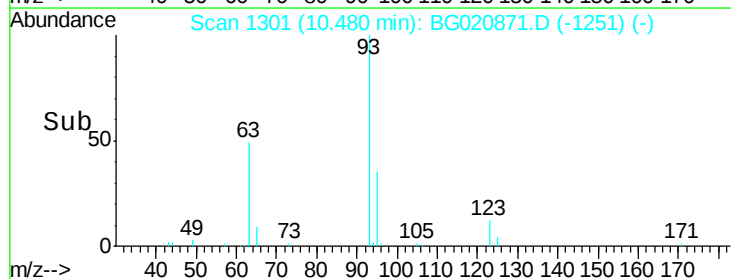
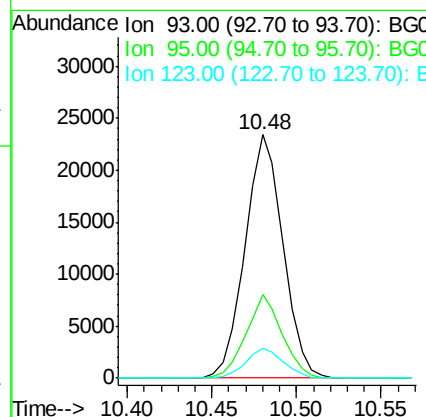
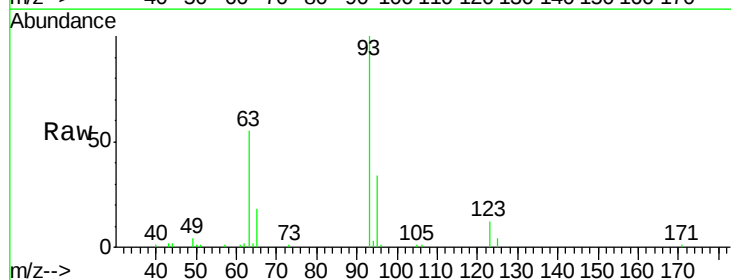
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2016-02

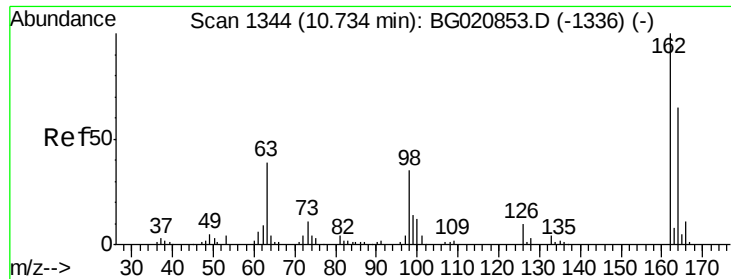
Tgt Ion: 122 Resp: 28433
 Ion Ratio Lower Upper
 122 100
 107 106.6 82.6 124.0
 121 63.4 45.6 68.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 17.67 ng
 RT: 10.48 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: BG020871.D
 Acq: 12 Feb 2016 00:41

Tgt Ion: 93 Resp: 36569
 Ion Ratio Lower Upper
 93 100
 95 34.2 26.2 39.2
 123 12.1 10.0 15.0

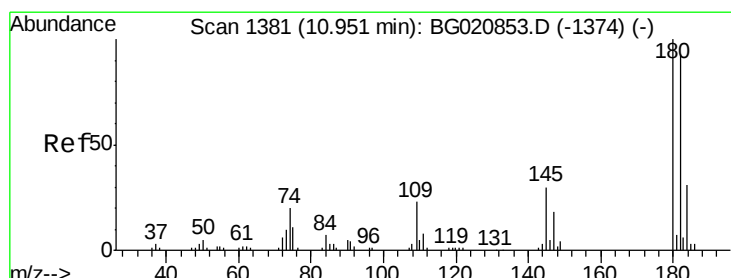
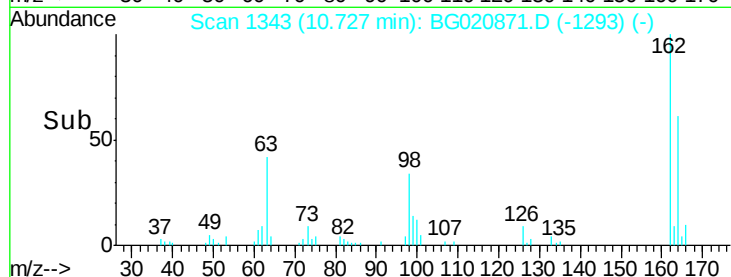
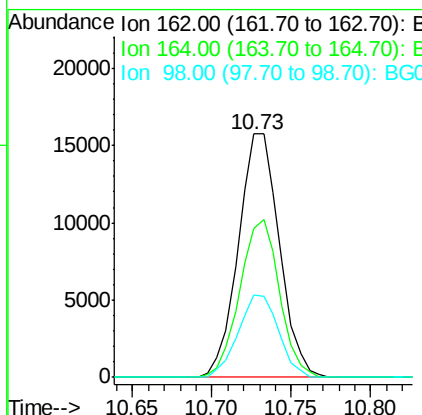
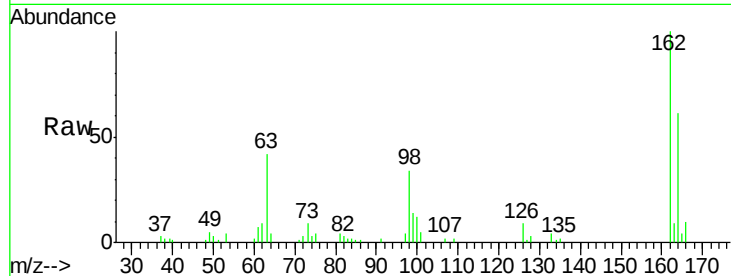




#29
 2,4-Dichlorophenol
 Concen: 18.85 ng
 RT: 10.73 min Scan# 1343
 Delta R.T. -0.01 min
 Lab File: BG020871.D
 Acq: 12 Feb 2016 00:41

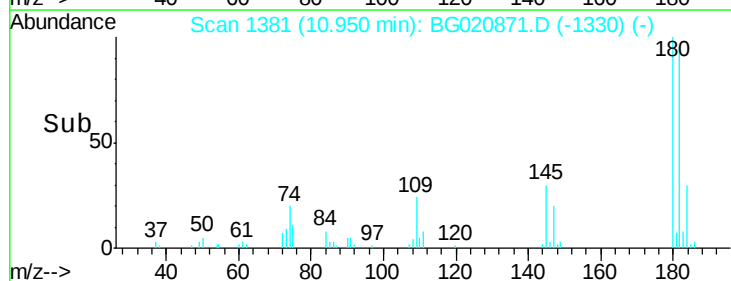
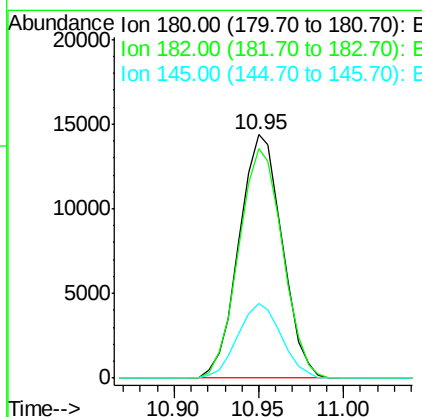
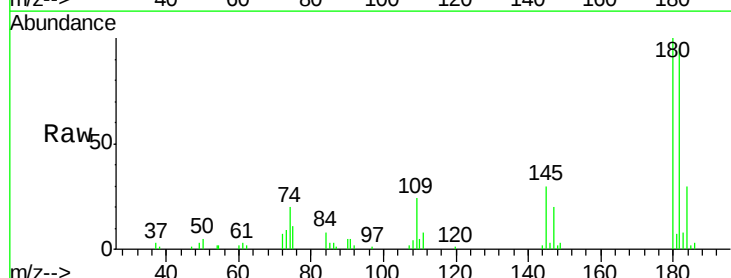
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2016-02

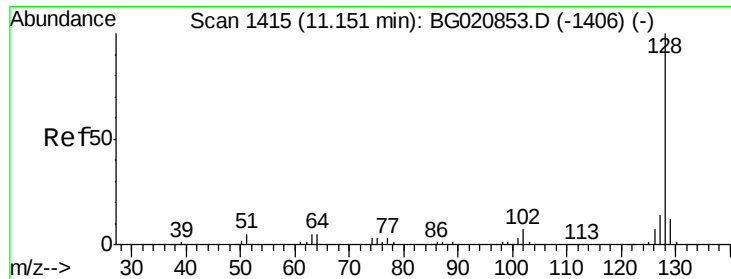
Tgt Ion	Ratio	Lower	Upper
162	100		
164	61.3	44.5	84.5
98	34.0	14.9	54.9



#30
 1,2,4-Trichlorobenzene
 Concen: 16.81 ng
 RT: 10.95 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: BG020871.D
 Acq: 12 Feb 2016 00:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	74.1	111.1
145	30.5	24.1	36.1

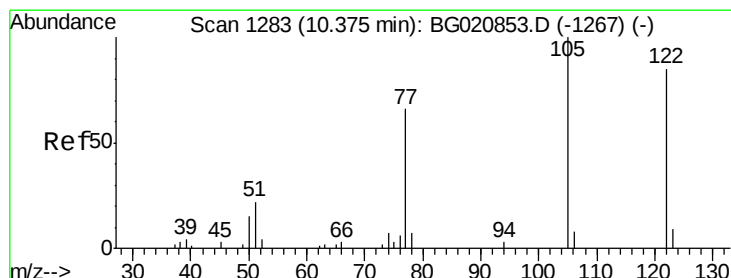
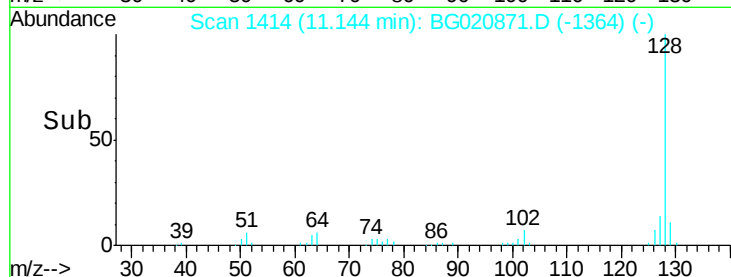
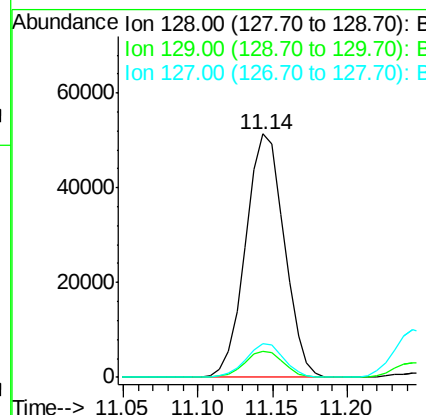
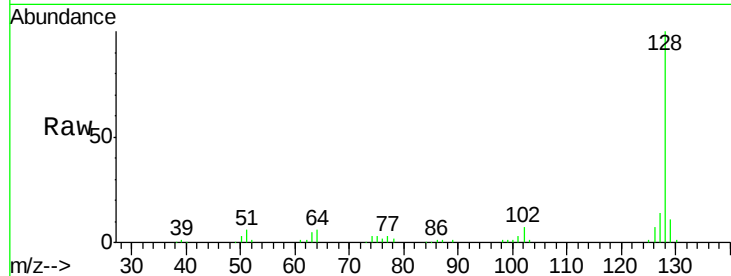




#31
Naphthalene
Concen: 16.96 ng
RT: 11.14 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BG020871.D
Acq: 12 Feb 2016 00:41

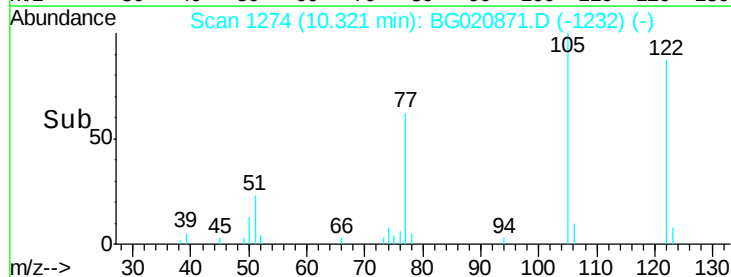
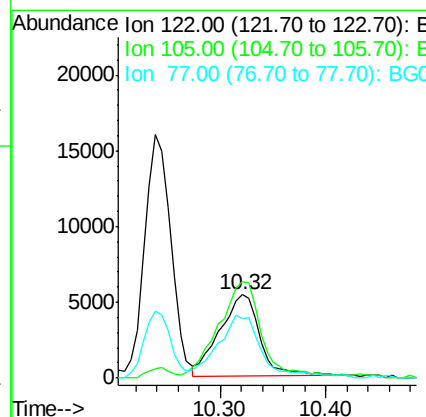
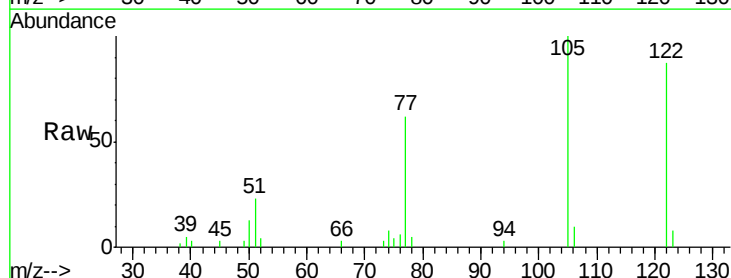
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2016-02

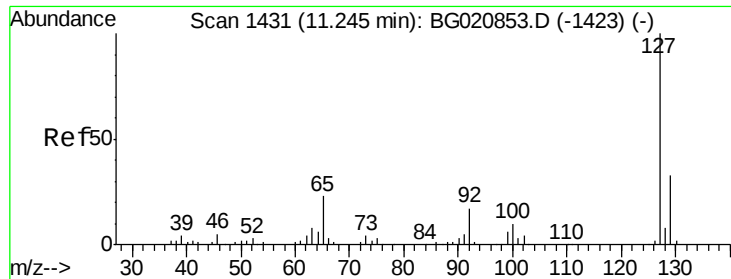
Tgt Ion:128 Resp: 91882
Ion Ratio Lower Upper
128 100
129 10.9 9.3 13.9
127 13.9 11.4 17.2



#32
Benzoic acid
Concen: 10.61 ng
RT: 10.32 min Scan# 1274
Delta R.T. -0.05 min
Lab File: BG020871.D
Acq: 12 Feb 2016 00:41

Tgt Ion:122 Resp: 14253
Ion Ratio Lower Upper
122 100
105 115.2 94.0 134.0
77 71.9 56.8 96.8

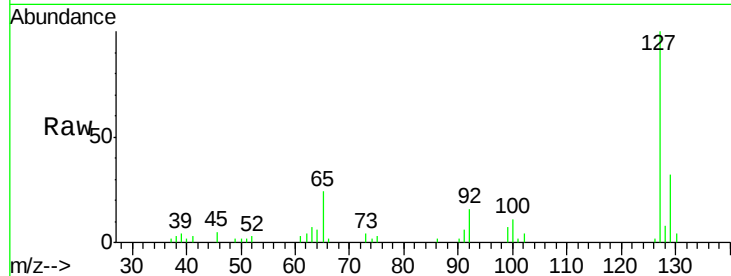




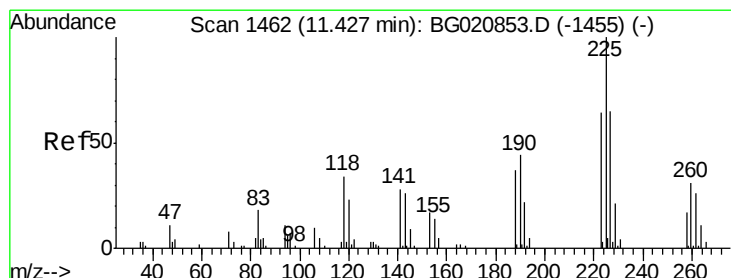
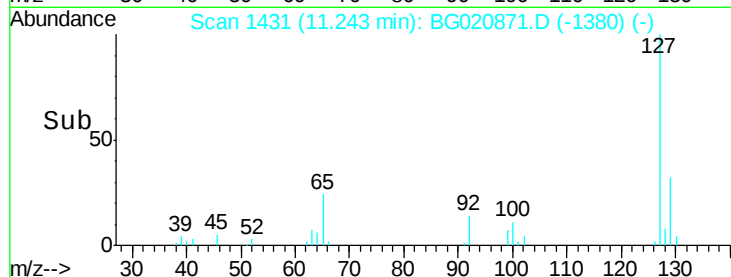
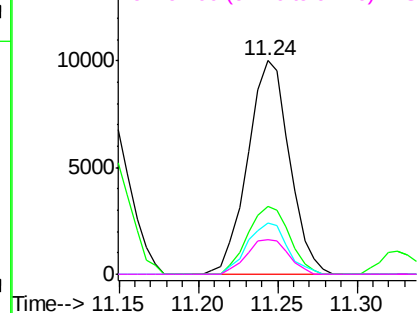
#33
4-Chloroaniline
Concen: 7.87 ng
RT: 11.24 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BG020871.D
Acq: 12 Feb 2016 00:41

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2016-02

Tgt Ion:	127	Resp:	18343
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.2	39.4
65	24.1	18.6	27.8
92	16.1	13.3	19.9

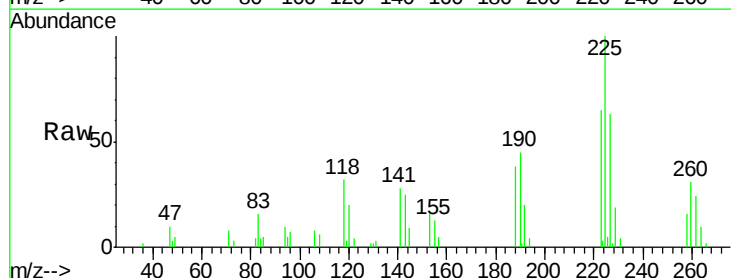


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

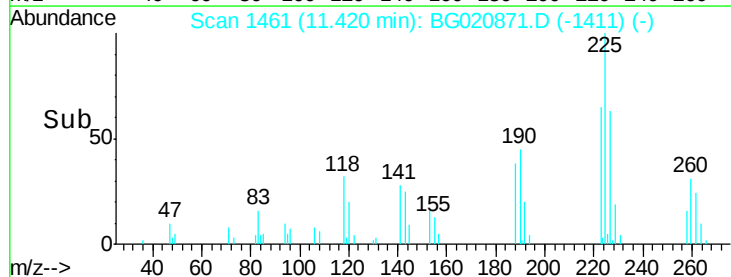
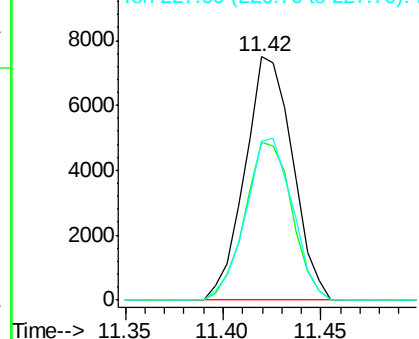


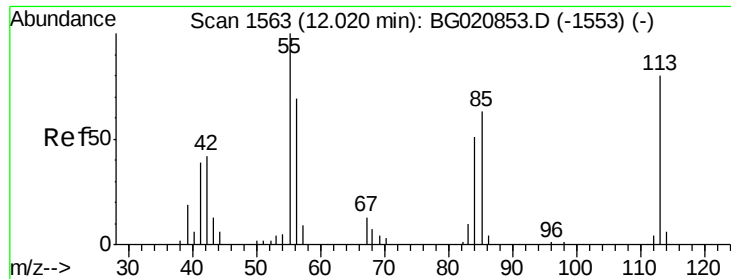
#34
Hexachlorobutadiene
Concen: 16.44 ng
RT: 11.42 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BG020871.D
Acq: 12 Feb 2016 00:41

Tgt Ion:	225	Resp:	12672
Ion	Ratio	Lower	Upper
225	100		
223	64.8	51.0	76.6
227	65.6	51.7	77.5



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





#35

Caprolactam

Concen: 19.82 ng

RT: 12.00 min Scan# 1560

Delta R.T. -0.02 min

Lab File: BG020871.D

Acq: 12 Feb 2016 00:41

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2016-02

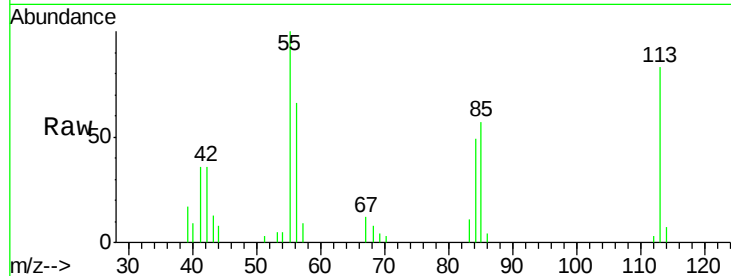
Tgt Ion:113 Resp: 11397

Ion Ratio Lower Upper

113 100

55 119.9 104.4 144.4

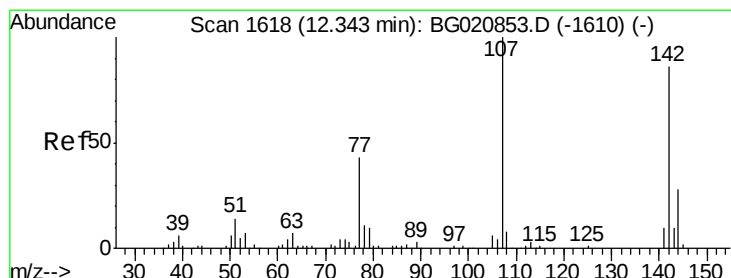
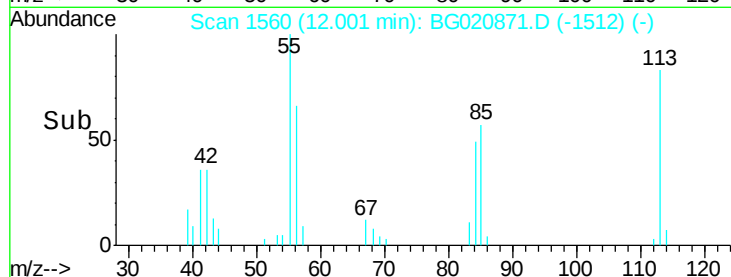
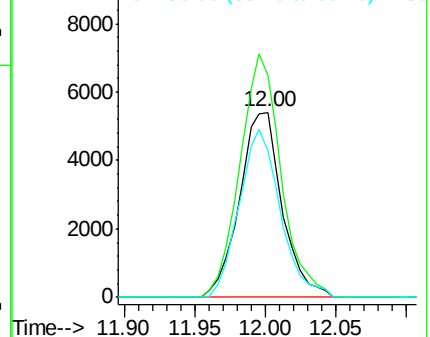
56 79.3 65.4 105.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 18.53 ng

RT: 12.34 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BG020871.D

Acq: 12 Feb 2016 00:41

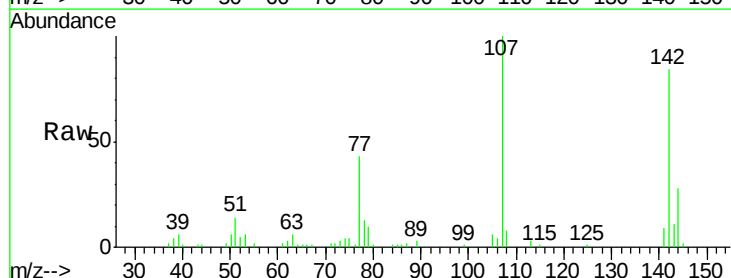
Tgt Ion:107 Resp: 31870

Ion Ratio Lower Upper

107 100

144 27.8 22.4 33.6

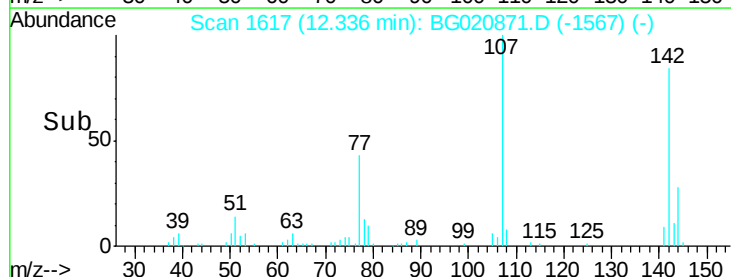
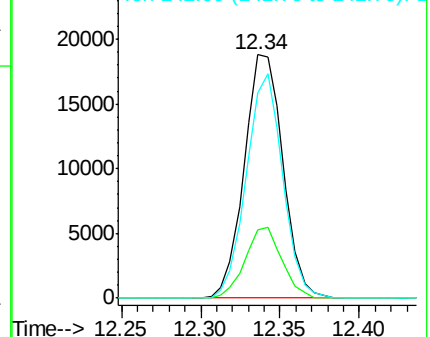
142 84.2 68.6 103.0

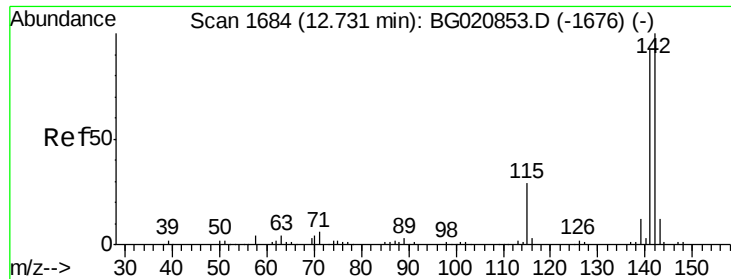


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

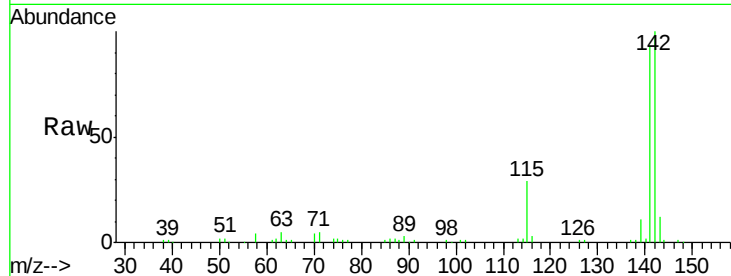




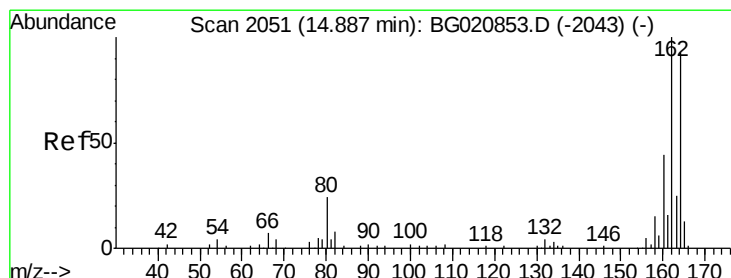
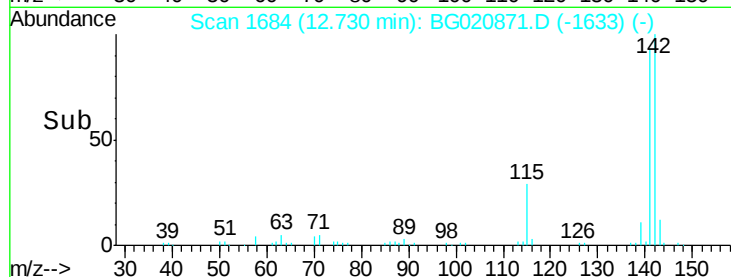
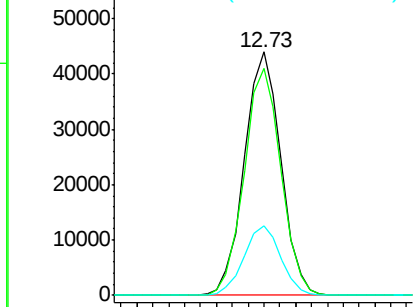
#37
 2-Methylnaphthalene
 Concen: 18.52 ng
 RT: 12.73 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: BG020871.D
 Acq: 12 Feb 2016 00:41

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2016-02

Tgt Ion:142 Resp: 70414
 Ion Ratio Lower Upper
 142 100
 141 93.0 73.4 110.2
 115 28.7 23.0 34.6

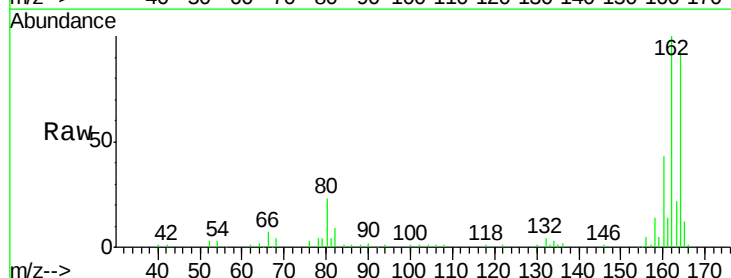


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

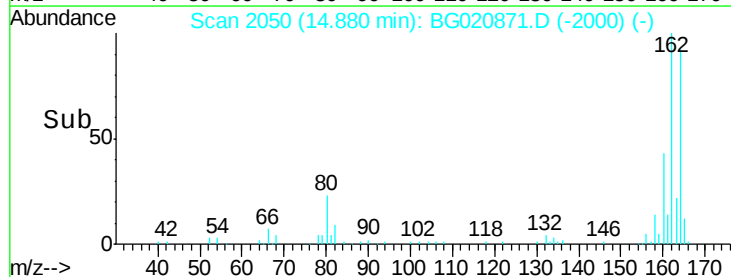
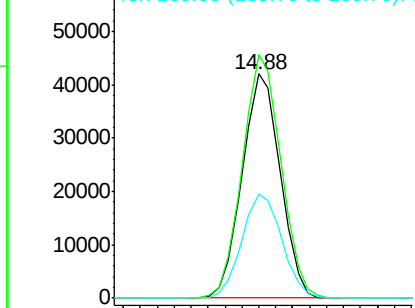


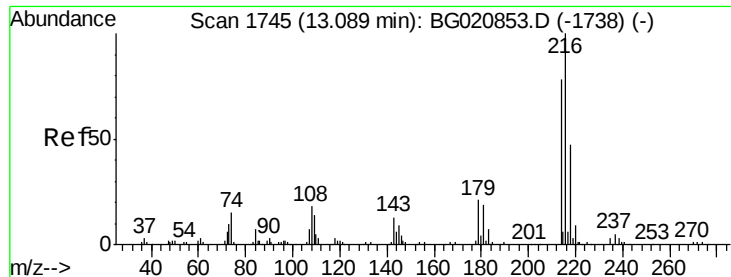
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.88 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BG020871.D
 Acq: 12 Feb 2016 00:41

Tgt Ion:164 Resp: 66094
 Ion Ratio Lower Upper
 164 100
 162 108.8 85.7 128.5
 160 46.7 37.4 56.0



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 14.92 ng

RT: 13.09 min Scan# 1745

Delta R.T. -0.00 min

Lab File: BG020871.D

Acq: 12 Feb 2016 00:41

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2016-02

Tgt Ion:216 Resp: 28922

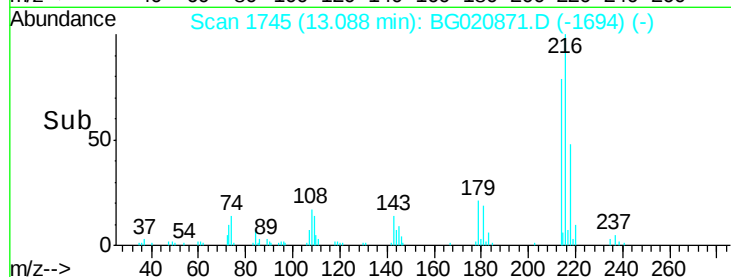
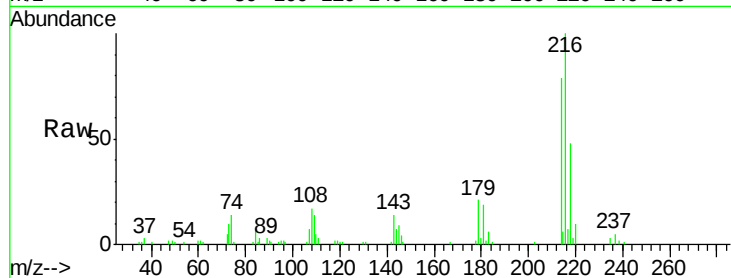
Ion Ratio Lower Upper

216 100

214 77.6 61.9 92.9

179 20.7 16.5 24.7

108 18.8 15.1 22.7

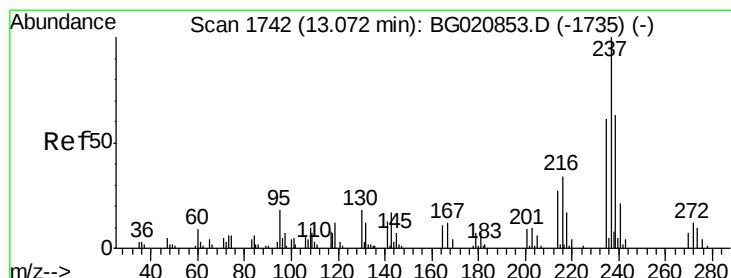
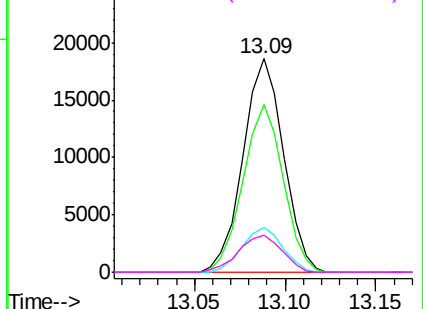


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 14.16 ng

RT: 13.07 min Scan# 1742

Delta R.T. -0.00 min

Lab File: BG020871.D

Acq: 12 Feb 2016 00:41

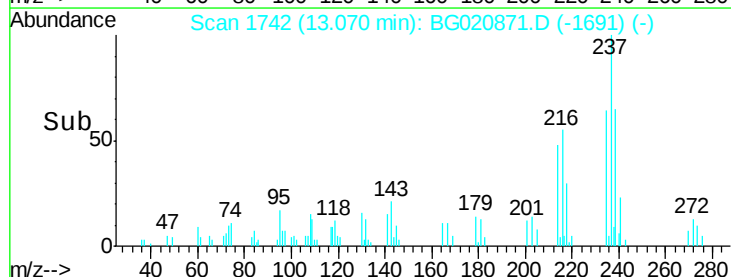
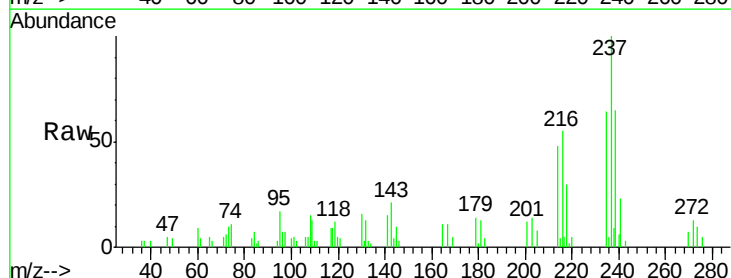
Tgt Ion:237 Resp: 12074

Ion Ratio Lower Upper

237 100

235 63.6 40.8 80.8

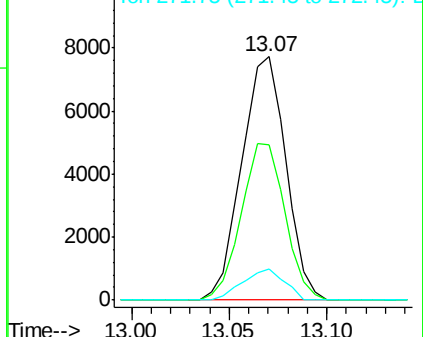
272 12.8 0.0 32.3

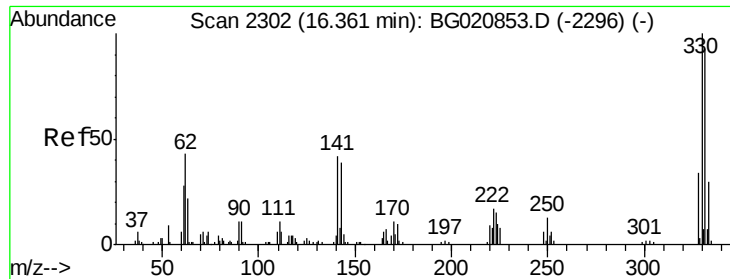


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

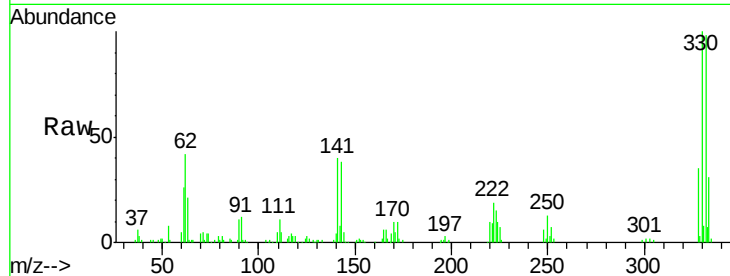




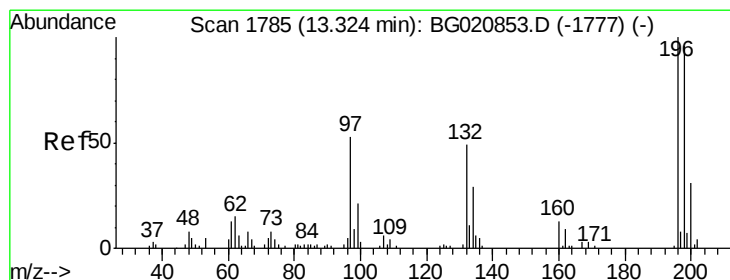
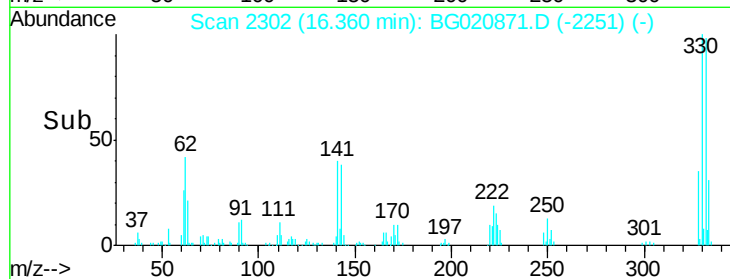
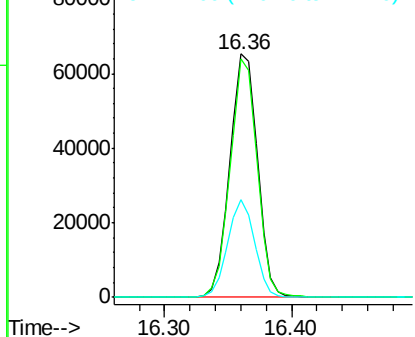
#41
 2,4,6-Tribromophenol
 Concen: 150.69 ng
 RT: 16.36 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: BG020871.D
 Acq: 12 Feb 2016 00:41

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2016-02

Tgt Ion:330 Resp: 97944
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.1 114.1
 141 39.0 32.0 48.0

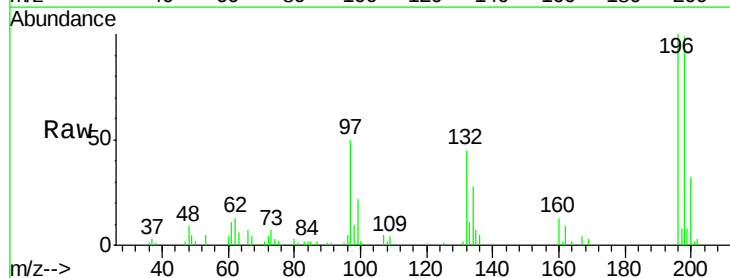


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

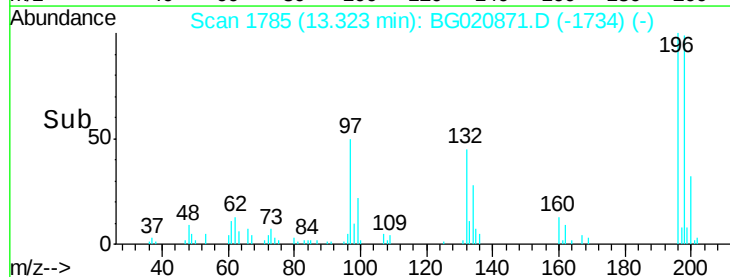
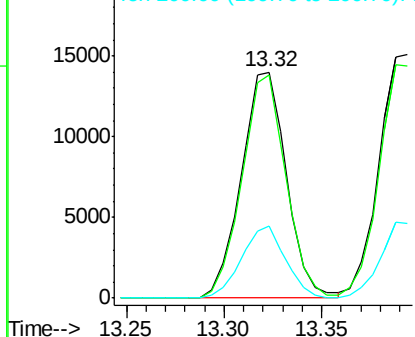


#42
 2,4,6-Trichlorophenol
 Concen: 17.27 ng
 RT: 13.32 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: BG020871.D
 Acq: 12 Feb 2016 00:41

Tgt Ion:196 Resp: 22492
 Ion Ratio Lower Upper
 196 100
 198 98.8 77.1 115.7
 200 32.1 24.7 37.1



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

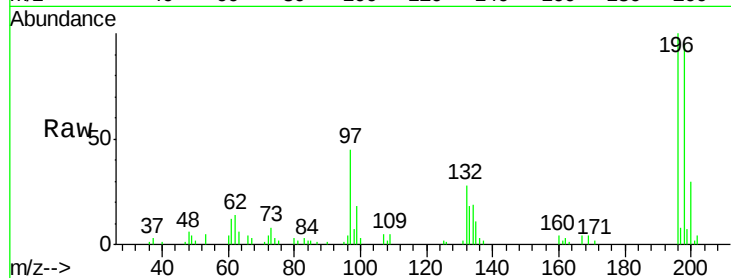




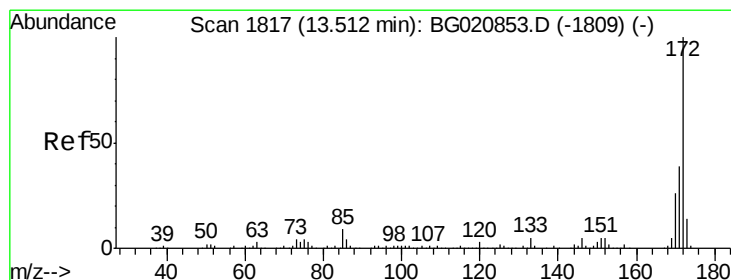
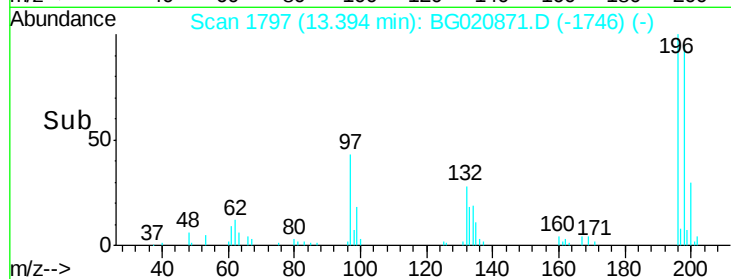
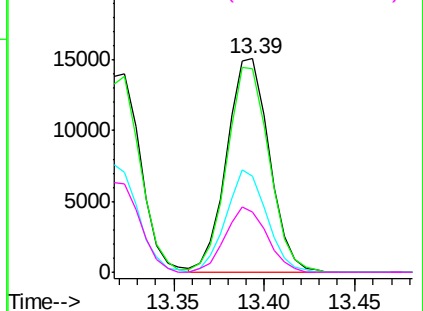
#43
 2,4,5-Trichlorophenol
 Concen: 18.07 ng
 RT: 13.39 min Scan# 1797
 Delta R.T. -0.00 min
 Lab File: BG020871.D
 Acq: 12 Feb 2016 00:41

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2016-02

Tgt Ion:196 Resp: 24739
 Ion Ratio Lower Upper
 196 100
 198 95.4 76.4 114.6
 97 44.9 37.4 56.0
 132 28.3 24.7 37.1

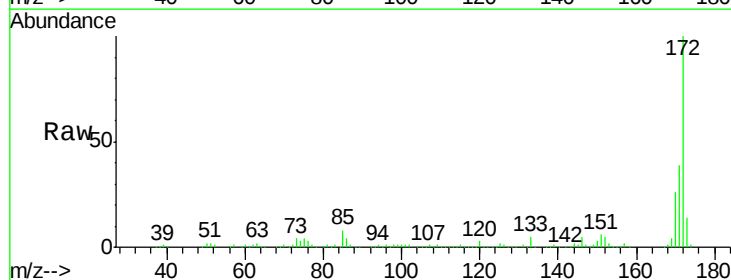


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

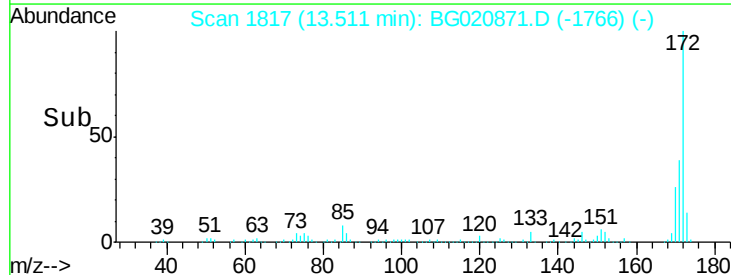
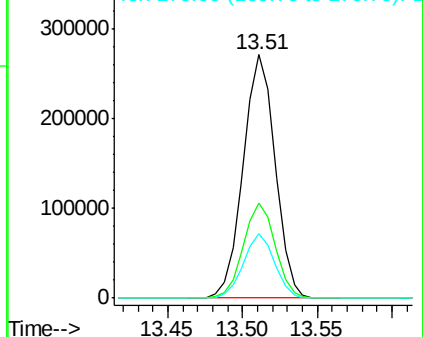


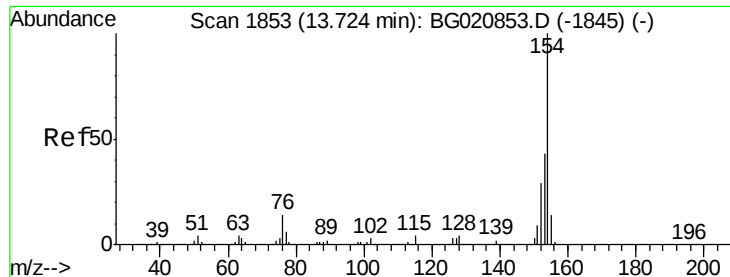
#44
 2-Fluorobiphenyl
 Concen: 84.96 ng
 RT: 13.51 min Scan# 1817
 Delta R.T. -0.00 min
 Lab File: BG020871.D
 Acq: 12 Feb 2016 00:41

Tgt Ion:172 Resp: 399745
 Ion Ratio Lower Upper
 172 100
 171 39.2 31.2 46.8
 170 26.3 20.6 30.8



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

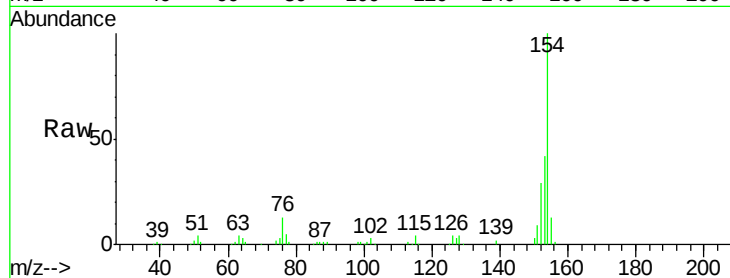




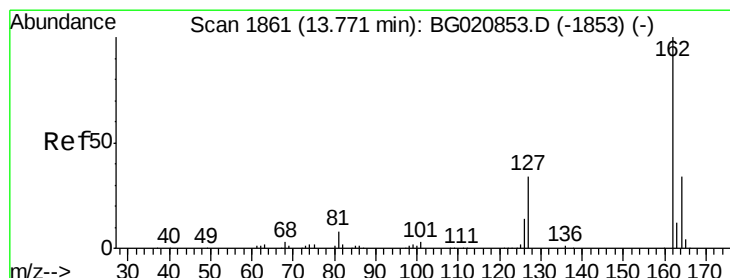
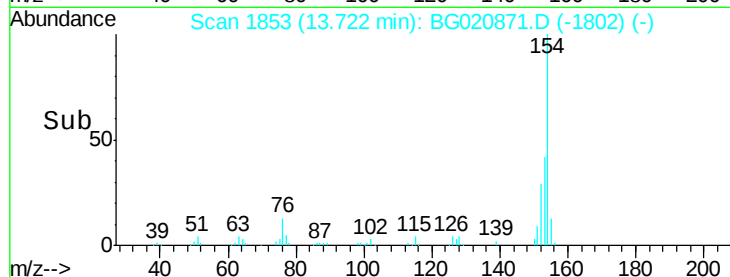
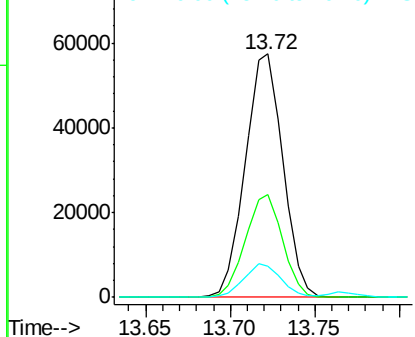
#45
 1,1'-Biphenyl
 Concen: 15.27 ng
 RT: 13.72 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: BG020871.D
 Acq: 12 Feb 2016 00:41

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2016-02

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.1	22.5	62.5
76	12.9	0.0	33.8

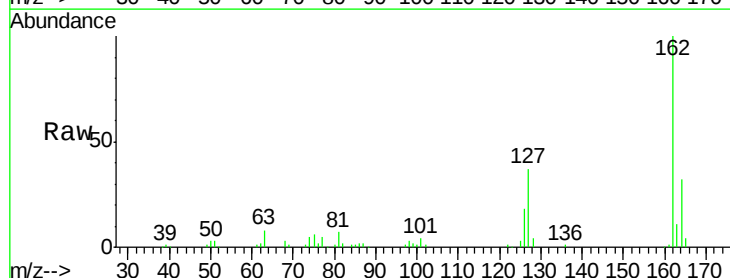


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

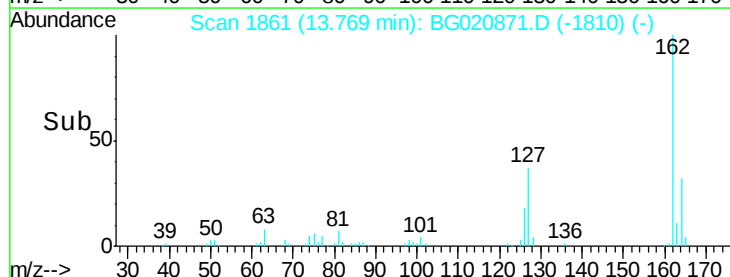
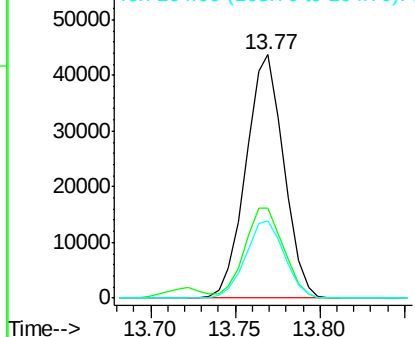


#46
 2-Chloronaphthalene
 Concen: 16.29 ng
 RT: 13.77 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: BG020871.D
 Acq: 12 Feb 2016 00:41

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.0	30.6	45.8
164	31.8	26.8	40.2



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

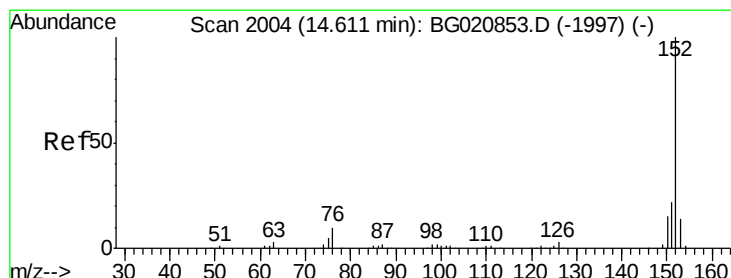
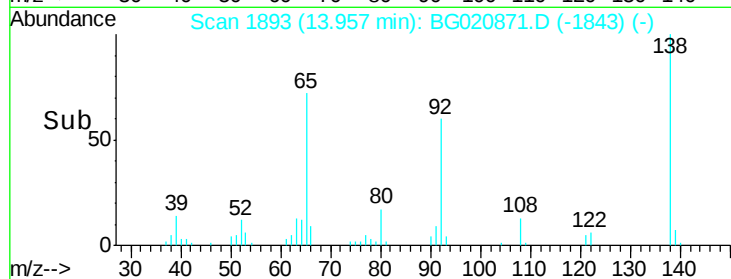
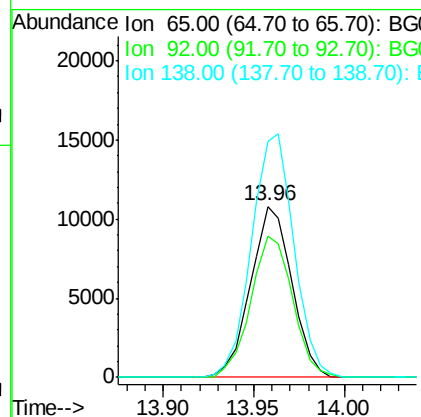
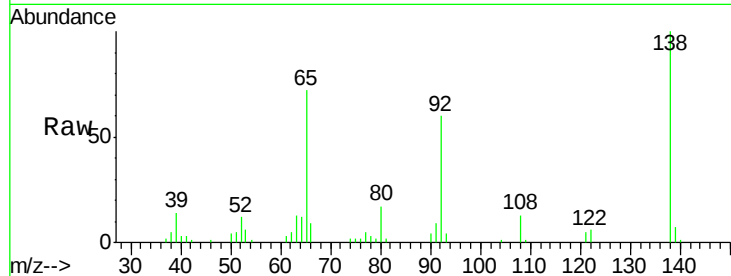




#47
 2-Nitroaniline
 Concen: 17.13 ng
 RT: 13.96 min Scan# 1893
 Delta R.T. -0.01 min
 Lab File: BG020871.D
 Acq: 12 Feb 2016 00:41

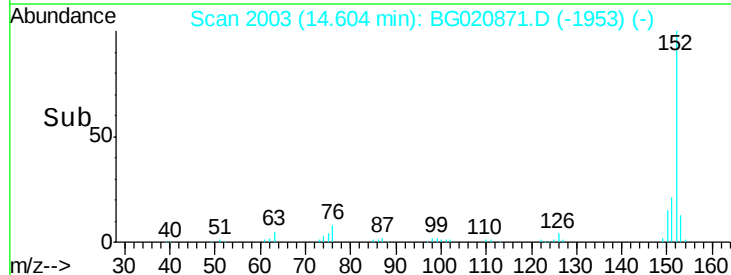
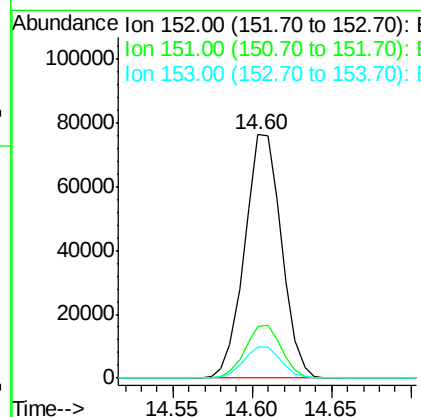
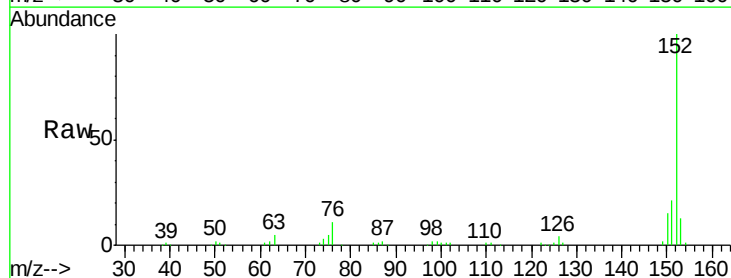
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2016-02

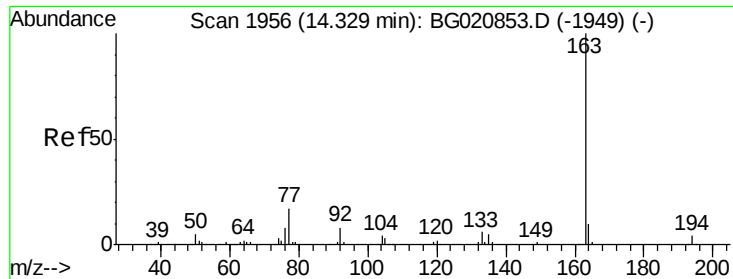
Tgt Ion: 65 Resp: 17129
 Ion Ratio Lower Upper
 65 100
 92 82.5 65.8 98.8
 138 138.3 117.1 175.7



#48
 Acenaphthylene
 Concen: 16.96 ng
 RT: 14.60 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BG020871.D
 Acq: 12 Feb 2016 00:41

Tgt Ion: 152 Resp: 123084
 Ion Ratio Lower Upper
 152 100
 151 21.2 17.5 26.3
 153 12.8 10.9 16.3





#49

Dimethylphthalate

Concen: 17.31 ng

RT: 14.32 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG020871.D

Acq: 12 Feb 2016 00:41

Instrument :

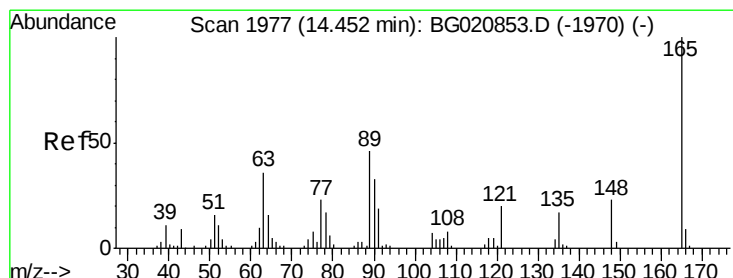
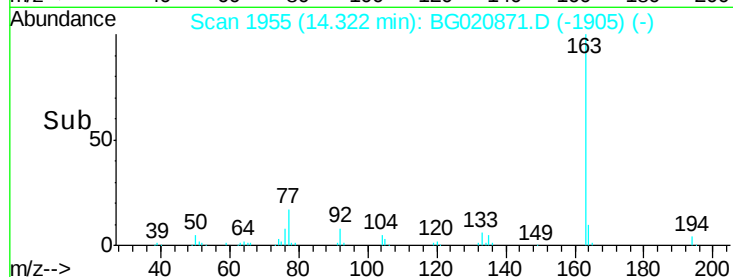
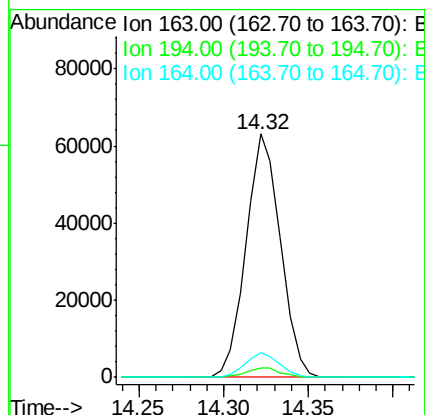
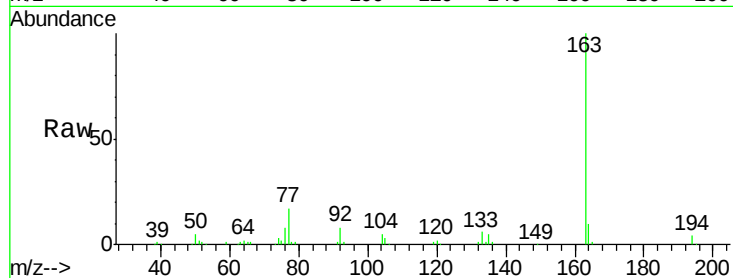
BNA_G

ClientSampleId :

LOQ-WATER2016-02

Tgt Ion:163 Resp: 89446

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.1	4.7
164	10.4	8.3	12.5



#50

2,6-Dinitrotoluene

Concen: 17.71 ng

RT: 14.45 min Scan# 1976

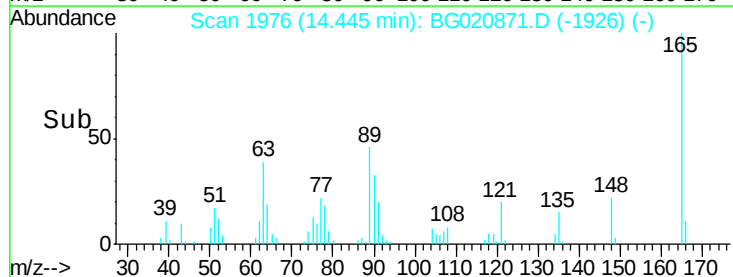
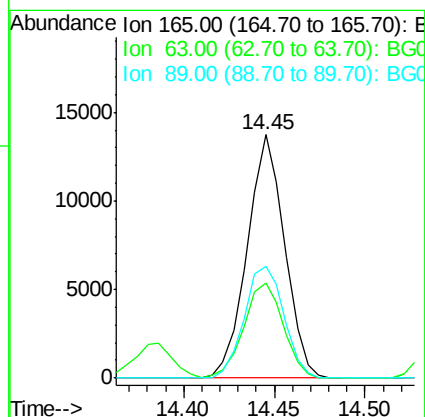
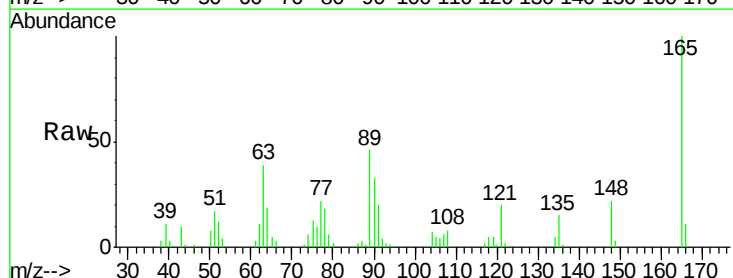
Delta R.T. -0.01 min

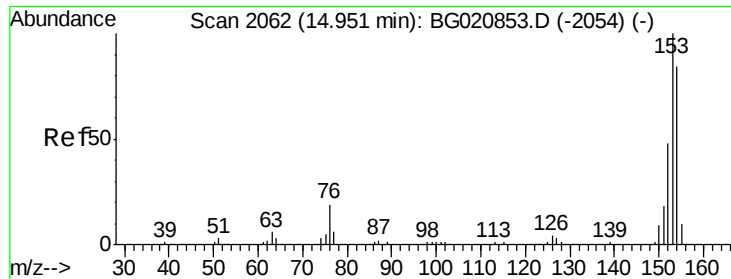
Lab File: BG020871.D

Acq: 12 Feb 2016 00:41

Tgt Ion:165 Resp: 19615

Ion	Ratio	Lower	Upper
165	100		
63	38.9	30.3	45.5
89	45.9	36.9	55.3





#51

Acenaphthene

Concen: 16.87 ng

RT: 14.94 min Scan# 2061

Delta R.T. -0.01 min

Lab File: BG020871.D

Acq: 12 Feb 2016 00:41

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2016-02

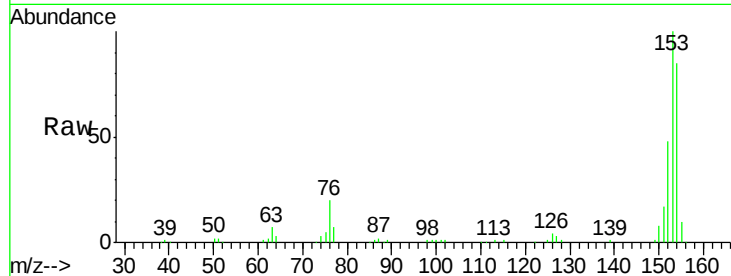
Tgt Ion:154 Resp: 74240

Ion Ratio Lower Upper

154 100

153 117.1 95.4 143.0

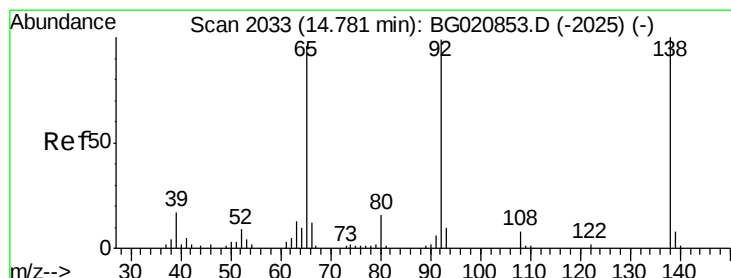
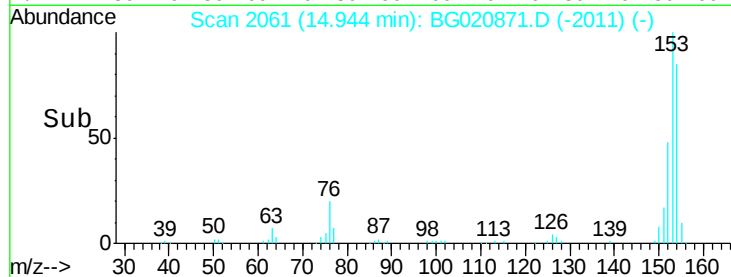
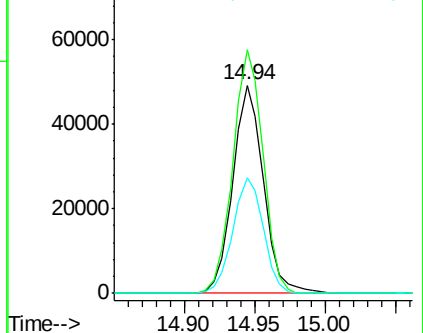
152 55.8 46.1 69.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 13.16 ng

RT: 14.77 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BG020871.D

Acq: 12 Feb 2016 00:41

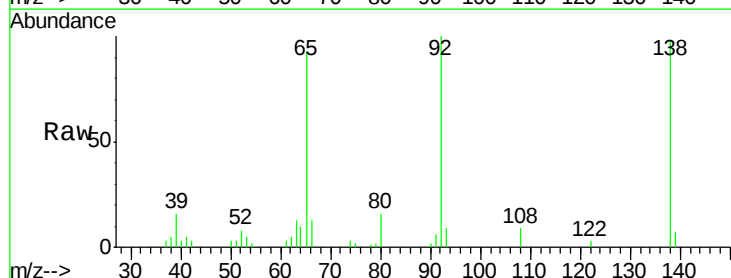
Tgt Ion:138 Resp: 16930

Ion Ratio Lower Upper

138 100

108 9.6 6.2 9.2#

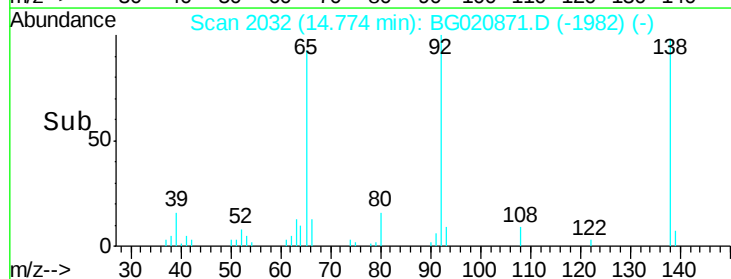
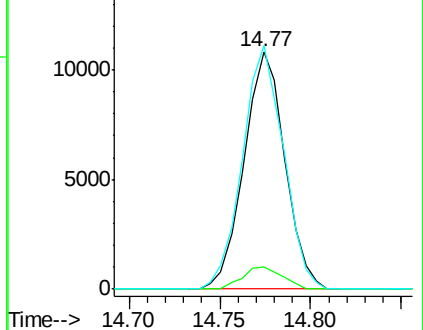
92 102.5 79.5 119.3

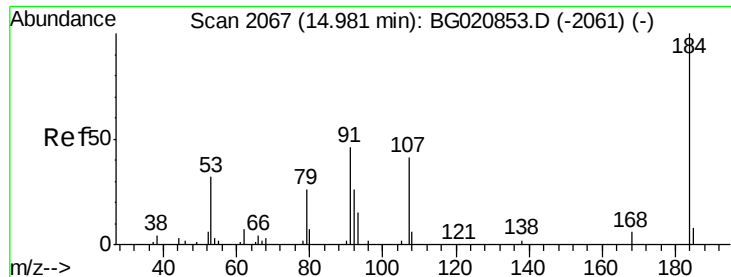


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

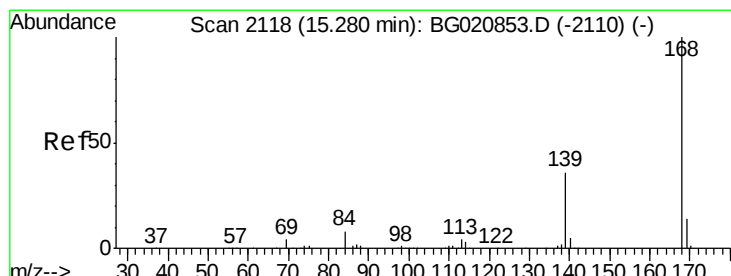
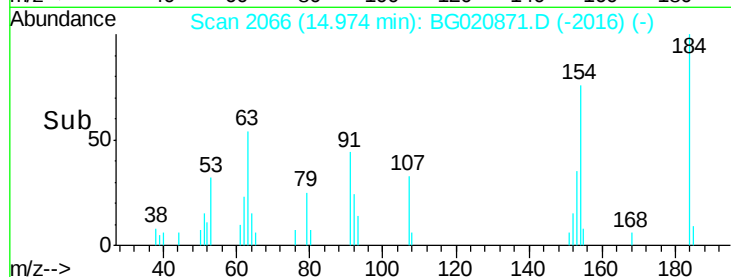
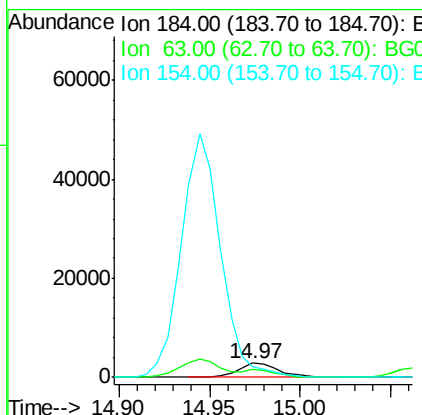
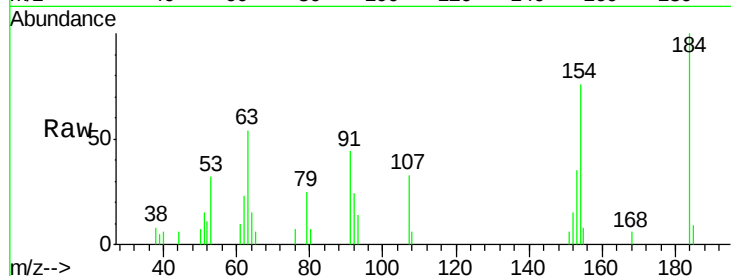




#53
 2,4-Dinitrophenol
 Concen: 17.12 ng
 RT: 14.97 min Scan# 2066
 Delta R.T. -0.01 min
 Lab File: BG020871.D
 Acq: 12 Feb 2016 00:41

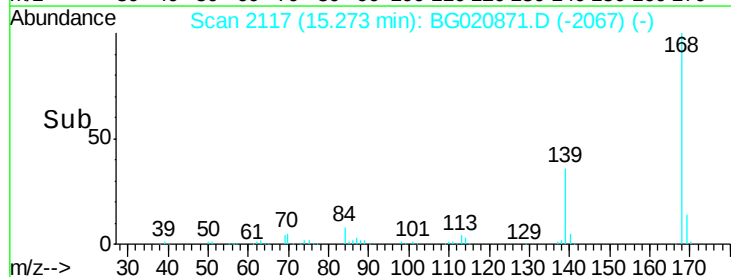
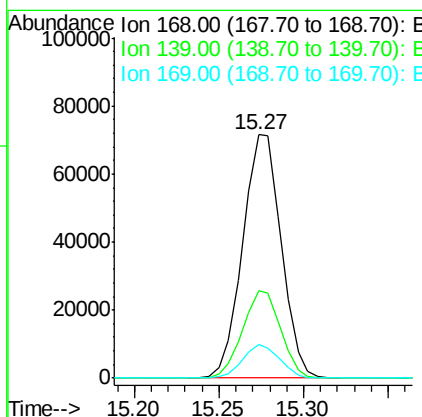
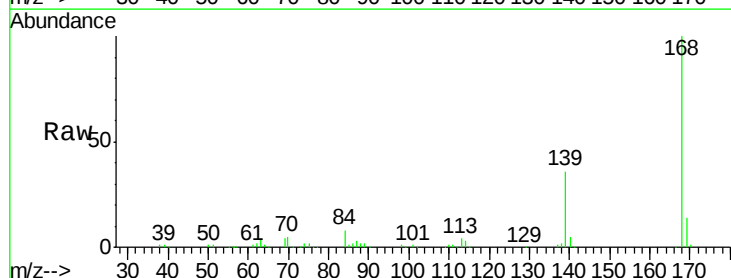
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2016-02

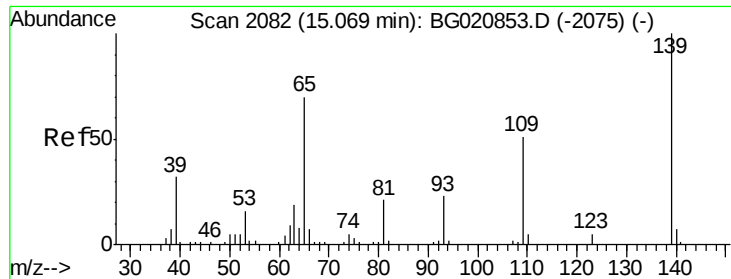
Tgt Ion:184 Resp: 4564
 Ion Ratio Lower Upper
 184 100
 63 54.4 39.8 59.6
 154 75.9 48.1 72.1#



#54
 Dibenzofuran
 Concen: 19.48 ng
 RT: 15.27 min Scan# 2117
 Delta R.T. -0.01 min
 Lab File: BG020871.D
 Acq: 12 Feb 2016 00:41

Tgt Ion:168 Resp: 113380
 Ion Ratio Lower Upper
 168 100
 139 35.9 28.5 42.7
 169 13.9 11.0 16.4

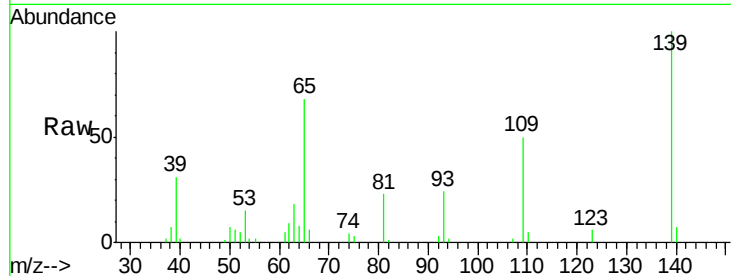




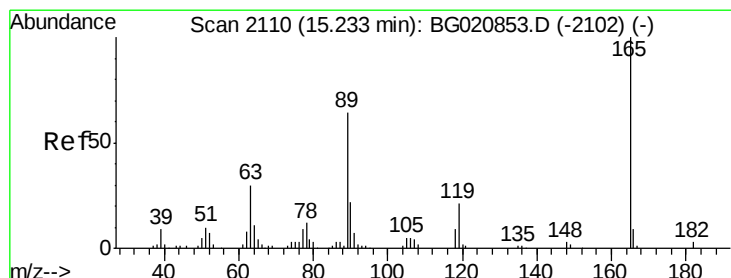
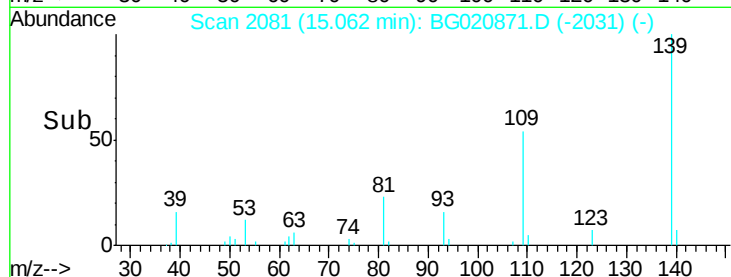
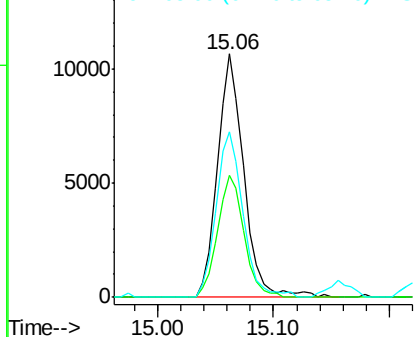
#55
4-Nitrophenol
Concen: 17.26 ng
RT: 15.06 min Scan# 2081
Delta R.T. -0.01 min
Lab File: BG020871.D
Acq: 12 Feb 2016 00:41

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2016-02

Tgt Ion:139 Resp: 16770
Ion Ratio Lower Upper
139 100
109 50.3 31.0 71.0
65 68.1 49.6 89.6

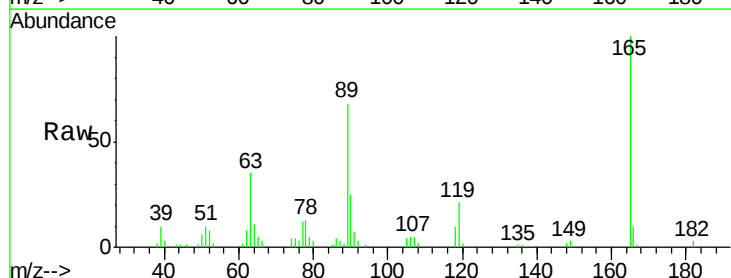


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

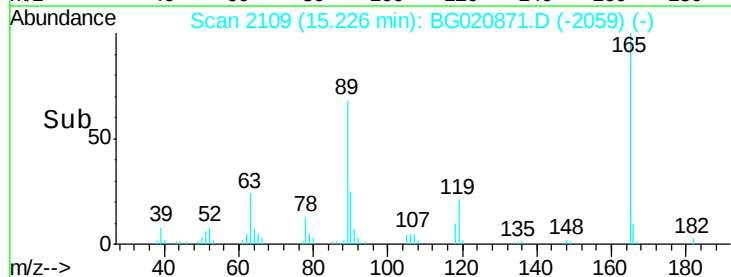
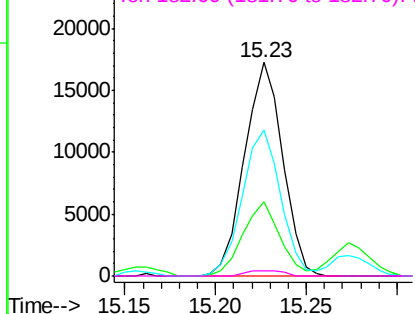


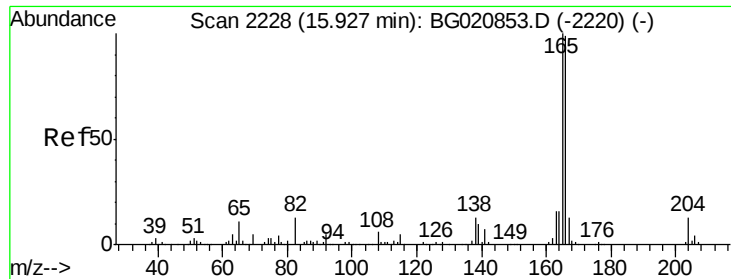
#56
2,4-Dinitrotoluene
Concen: 17.62 ng
RT: 15.23 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BG020871.D
Acq: 12 Feb 2016 00:41

Tgt Ion:165 Resp: 25222
Ion Ratio Lower Upper
165 100
63 34.7 23.7 35.5
89 68.2 50.9 76.3
182 2.7 2.2 3.2



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

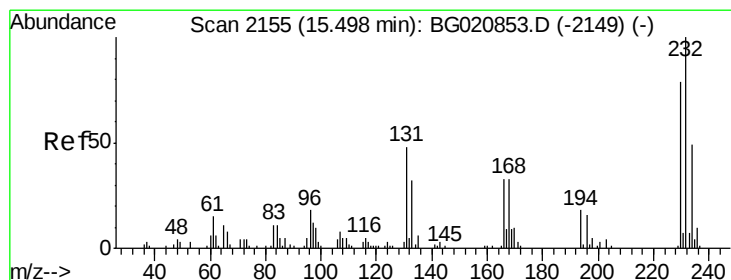
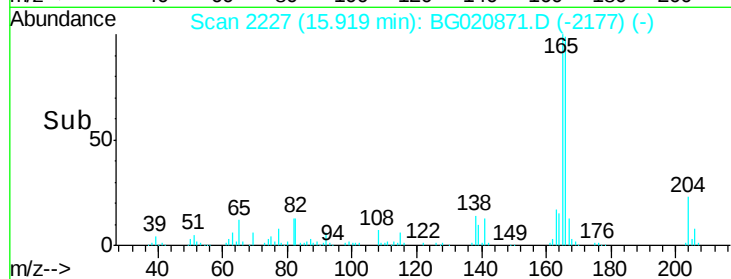
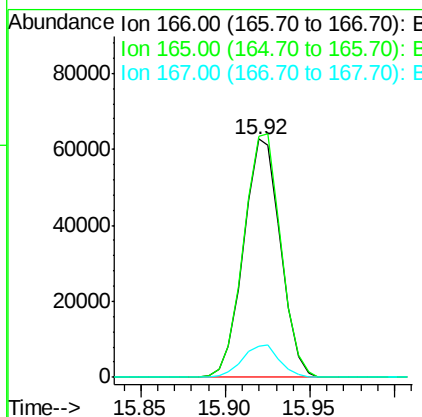
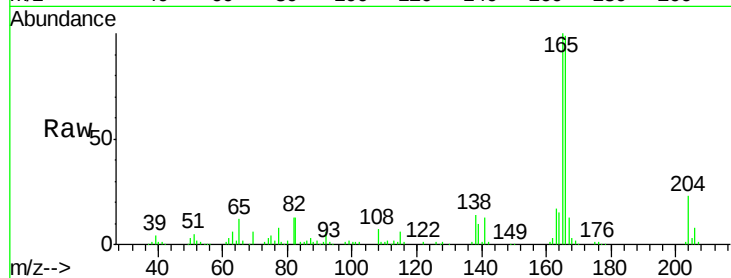




#57
 Fluorene
 Concen: 17.77 ng
 RT: 15.92 min Scan# 2227
 Delta R.T. -0.01 min
 Lab File: BG020871.D
 Acq: 12 Feb 2016 00:41

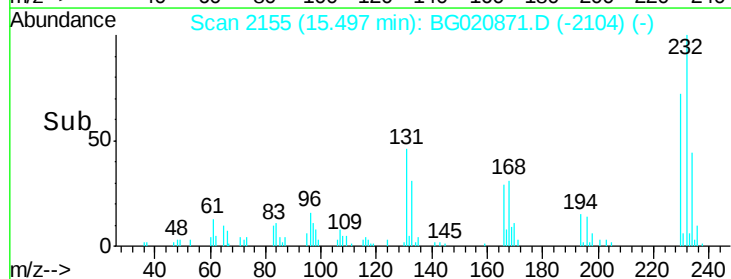
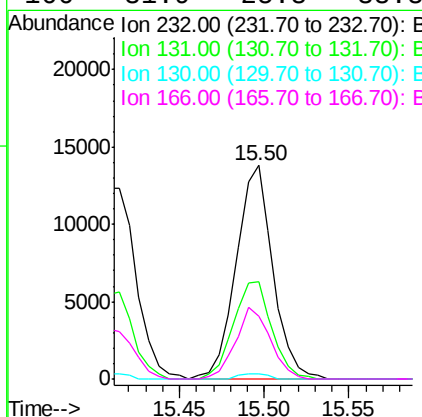
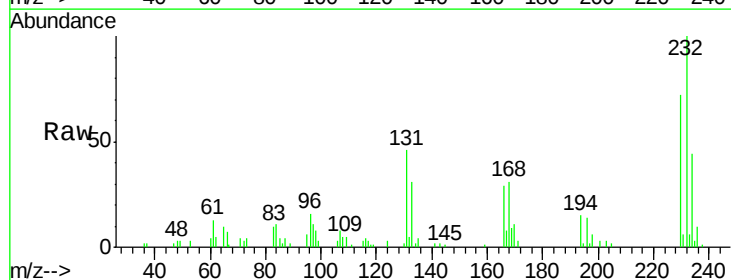
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2016-02

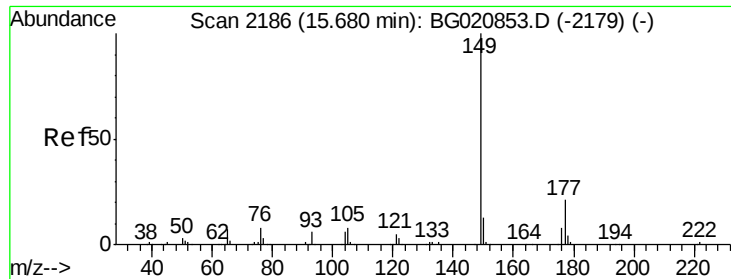
Tgt Ion:166 Resp: 95246
 Ion Ratio Lower Upper
 166 100
 165 101.0 81.0 121.4
 167 12.8 10.8 16.2



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 19.91 ng
 RT: 15.50 min Scan# 2155
 Delta R.T. -0.00 min
 Lab File: BG020871.D
 Acq: 12 Feb 2016 00:41

Tgt Ion:232 Resp: 20777
 Ion Ratio Lower Upper
 232 100
 131 48.1 39.2 58.8
 130 1.9 2.0 3.0#
 166 31.9 25.8 38.8





#59

Diethylphthalate

Concen: 17.97 ng

RT: 15.68 min Scan# 2186

Delta R.T. -0.00 min

Lab File: BG020871.D

Acq: 12 Feb 2016 00:41

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2016-02

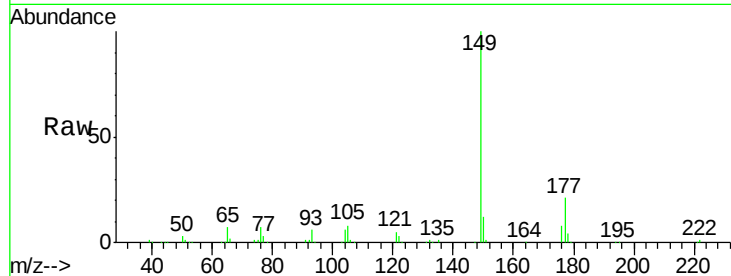
Tgt Ion:149 Resp: 95468

Ion Ratio Lower Upper

149 100

177 21.1 16.9 25.3

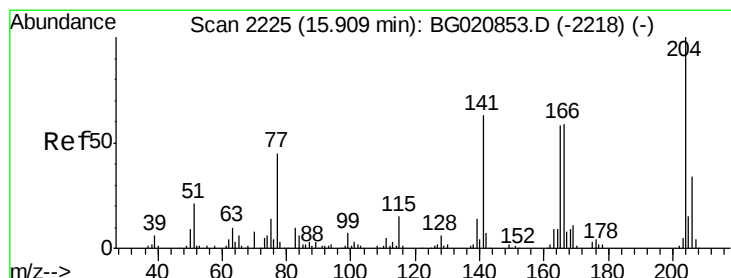
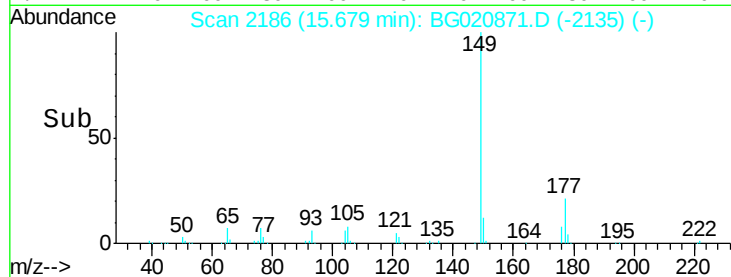
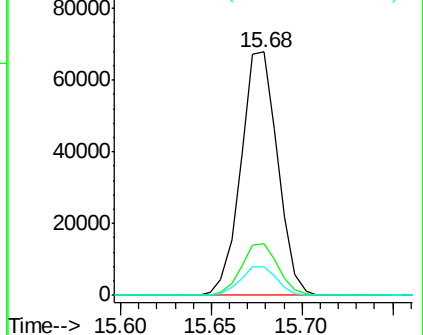
150 11.8 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 17.21 ng

RT: 15.91 min Scan# 2225

Delta R.T. -0.00 min

Lab File: BG020871.D

Acq: 12 Feb 2016 00:41

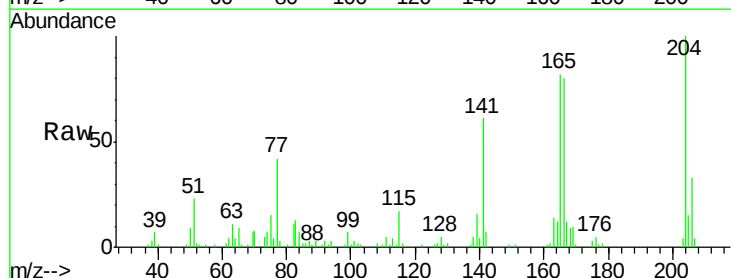
Tgt Ion:204 Resp: 40973

Ion Ratio Lower Upper

204 100

206 33.0 26.9 40.3

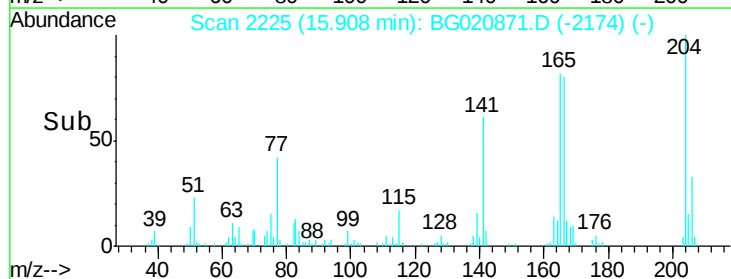
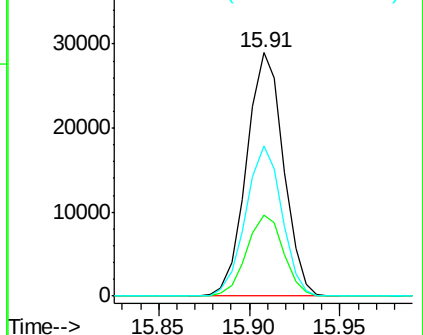
141 61.4 50.3 75.5

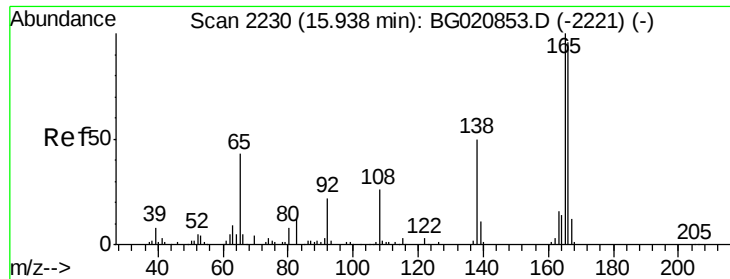


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

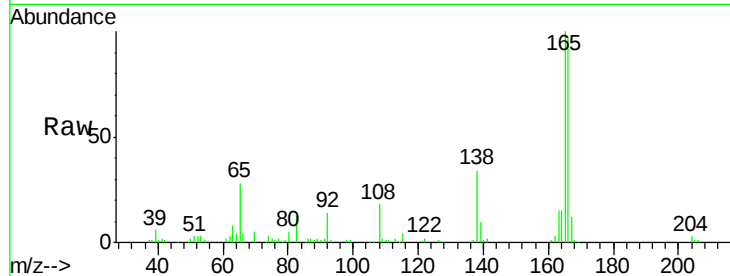




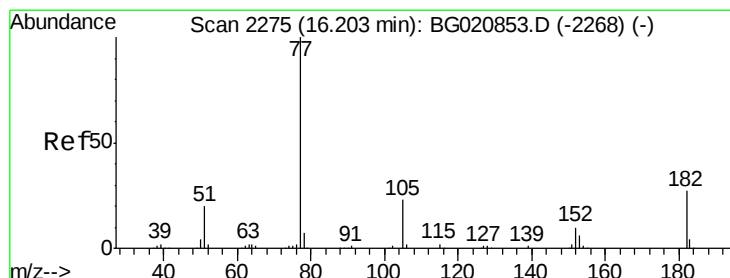
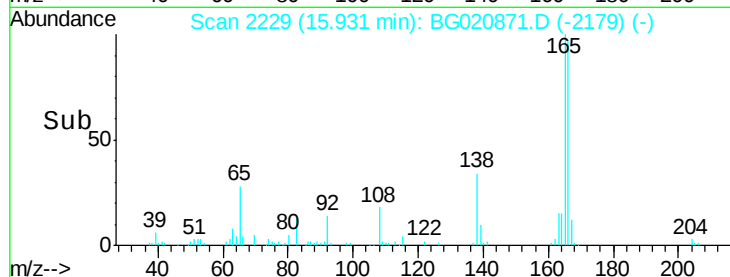
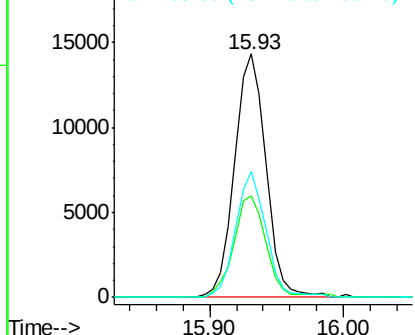
#61
4-Nitroaniline
Concen: 18.10 ng
RT: 15.93 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BG020871.D
Acq: 12 Feb 2016 00:41

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2016-02

Tgt Ion: 138 Resp: 23375
Ion Ratio Lower Upper
138 100
92 42.0 24.1 64.1
108 51.8 32.4 72.4

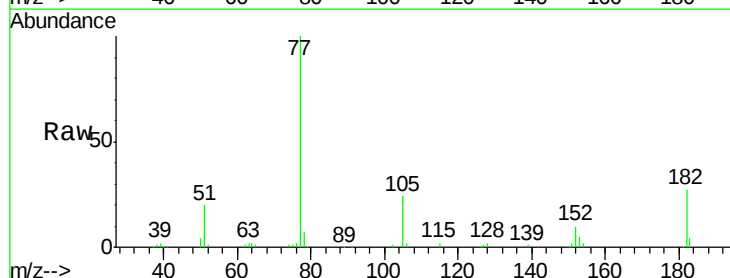


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

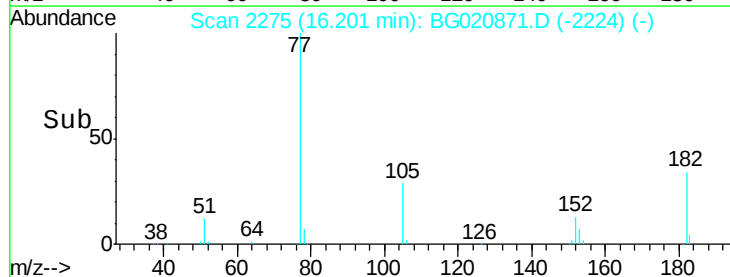
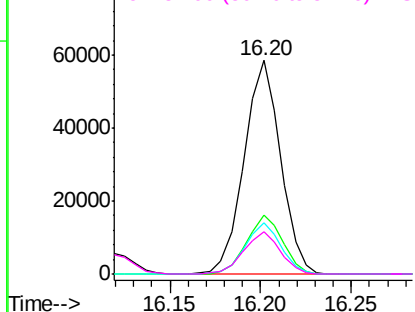


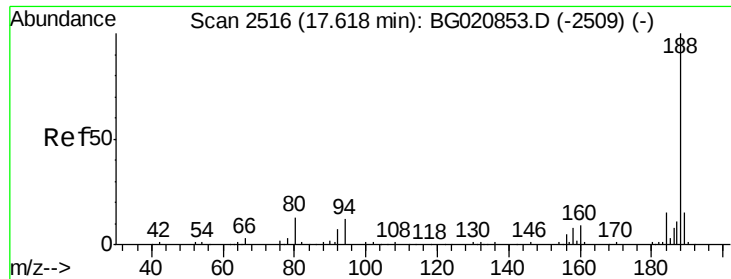
#62
Azobenzene
Concen: 19.57 ng
RT: 16.20 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BG020871.D
Acq: 12 Feb 2016 00:41

Tgt Ion: 77 Resp: 81732
Ion Ratio Lower Upper
77 100
182 27.5 6.8 46.8
105 24.1 3.4 43.4
51 19.5 0.0 39.9



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

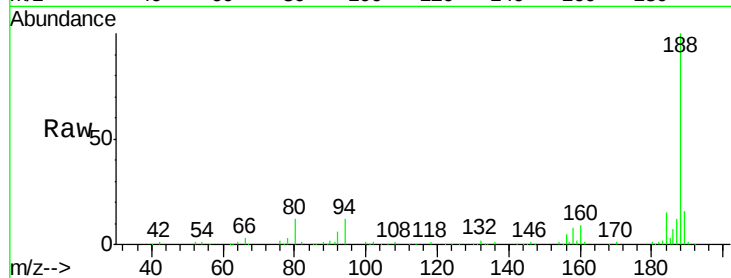




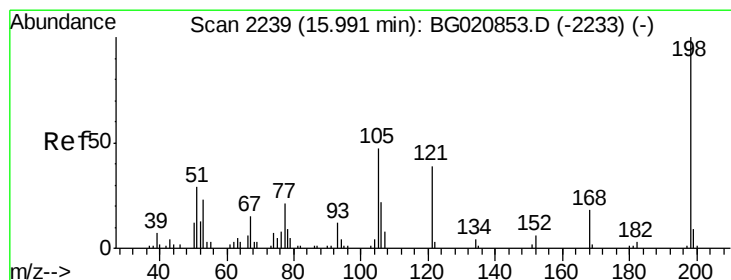
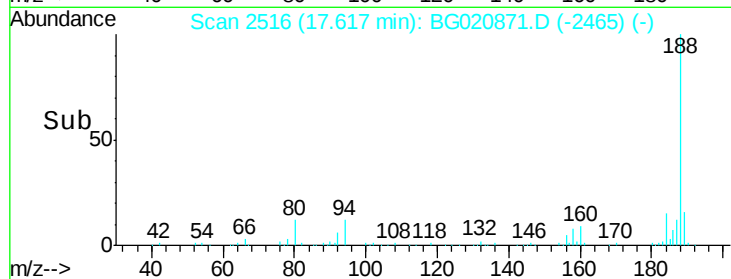
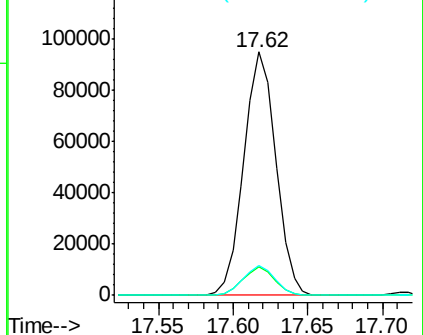
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.62 min Scan# 2516
Delta R.T. -0.00 min
Lab File: BG020871.D
Acq: 12 Feb 2016 00:41

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2016-02

Tgt Ion:188 Resp: 140762
Ion Ratio Lower Upper
188 100
94 11.6 9.4 14.0
80 12.0 10.2 15.4

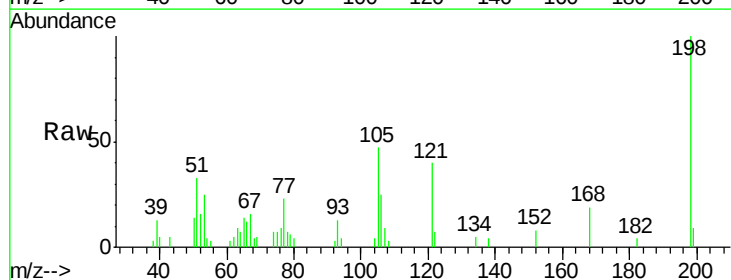


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

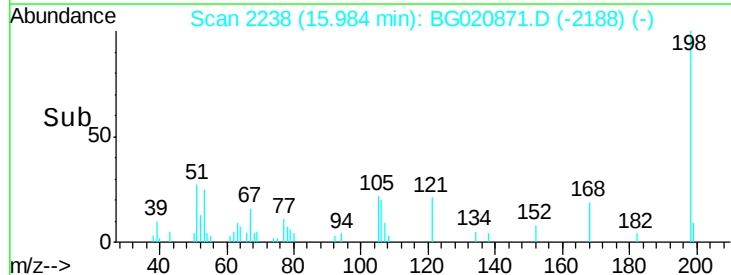
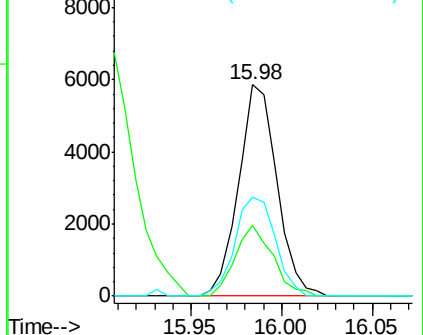


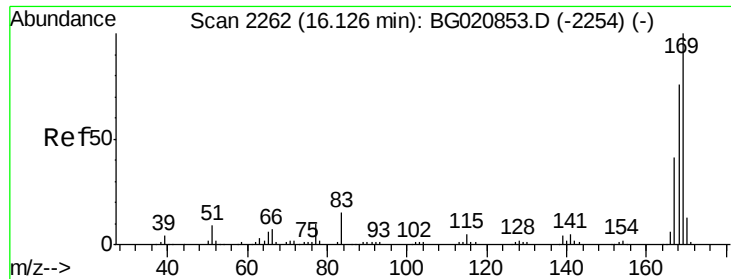
#64
4,6-Dinitro-2-methylphenol
Concen: 16.19 ng
RT: 15.98 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BG020871.D
Acq: 12 Feb 2016 00:41

Tgt Ion:198 Resp: 8626
Ion Ratio Lower Upper
198 100
51 33.5 10.6 50.6
105 47.0 27.0 67.0



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

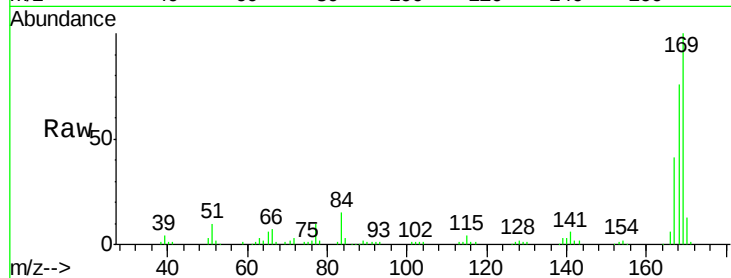




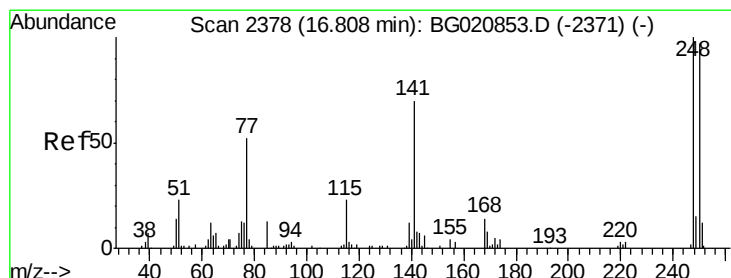
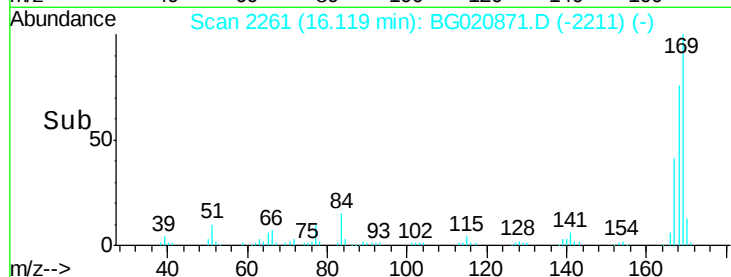
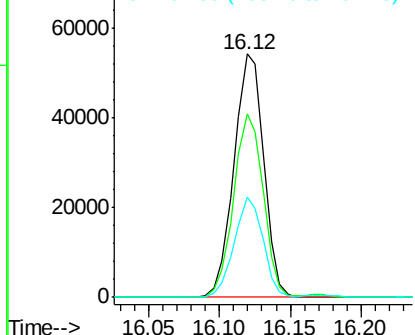
#65
 n-Nitrosodiphenylamine
 Concen: 17.53 ng
 RT: 16.12 min Scan# 2261
 Delta R.T. -0.01 min
 Lab File: BG020871.D
 Acq: 12 Feb 2016 00:41

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2016-02

Tgt Ion:169 Resp: 79730
 Ion Ratio Lower Upper
 169 100
 168 75.6 60.7 91.1
 167 41.4 32.8 49.2

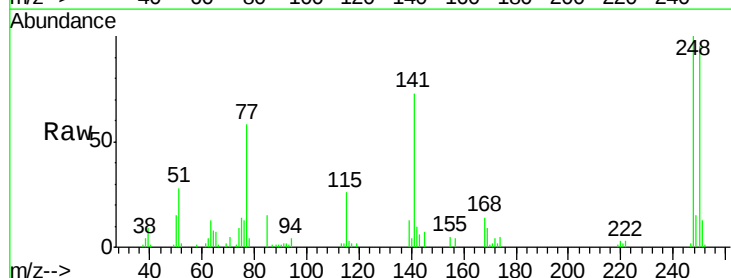


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

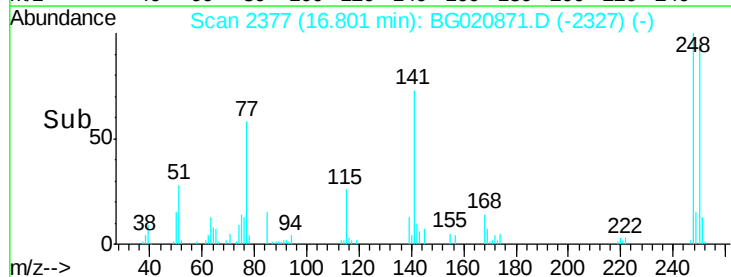
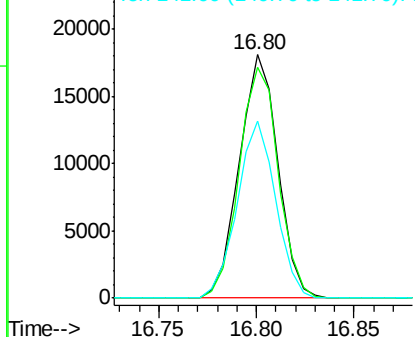


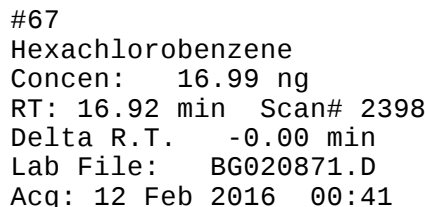
#66
 4-Bromophenyl-phenylether
 Concen: 16.64 ng
 RT: 16.80 min Scan# 2377
 Delta R.T. -0.01 min
 Lab File: BG020871.D
 Acq: 12 Feb 2016 00:41

Tgt Ion:248 Resp: 24741
 Ion Ratio Lower Upper
 248 100
 250 95.0 77.4 116.2
 141 72.8 55.7 83.5



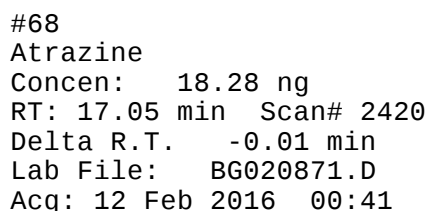
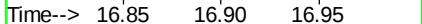
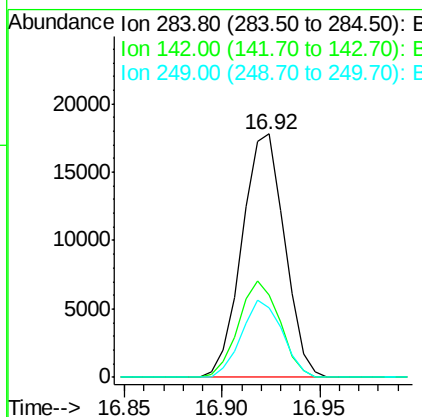
Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E



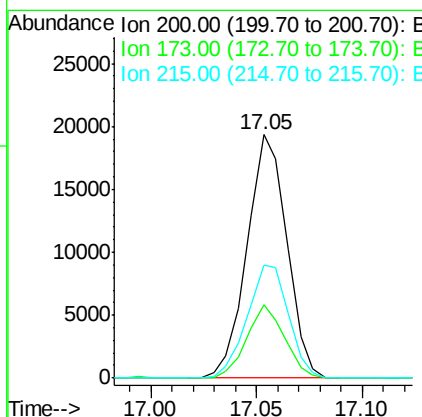


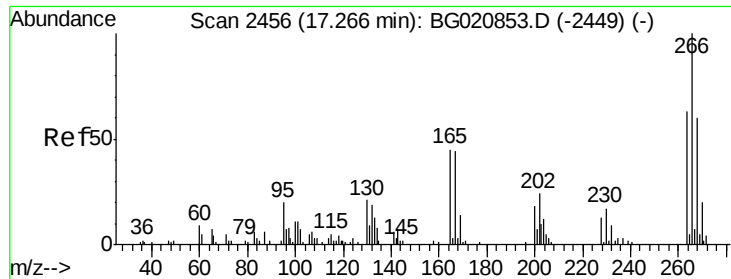
Instrument :
BNA_G
ClientSampleId :
LOO-WATER2016-02

Tgt	Ion:284	Resp:	26873
Ion	Ratio	Lower	Upper
284	100		
142	33.8	29.9	44.9
249	28.7	23.3	34.9



Tgt	Ion:200	Resp:	25228
Ion	Ratio	Lower	Upper
200	100		
173	30.1	8.4	48.4
215	46.6	28.2	68.2





#69

Pentachlorophenol

Concen: 14.37 ng

RT: 17.26 min Scan# 2455

Delta R.T. -0.01 min

Lab File: BG020871.D

Acq: 12 Feb 2016 00:41

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2016-02

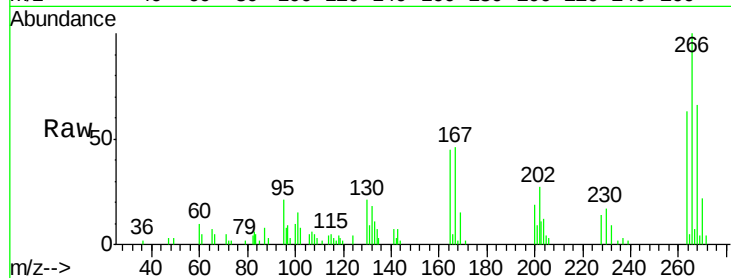
Tgt Ion:266 Resp: 13033

Ion Ratio Lower Upper

266 100

268 65.9 47.8 71.6

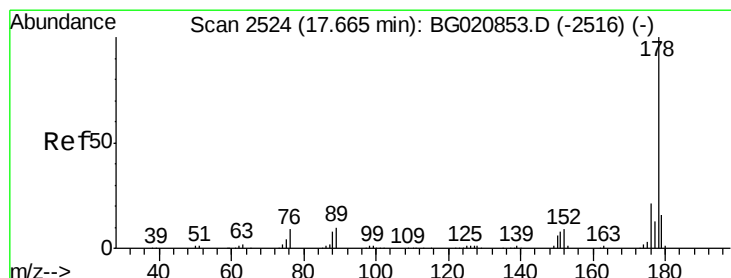
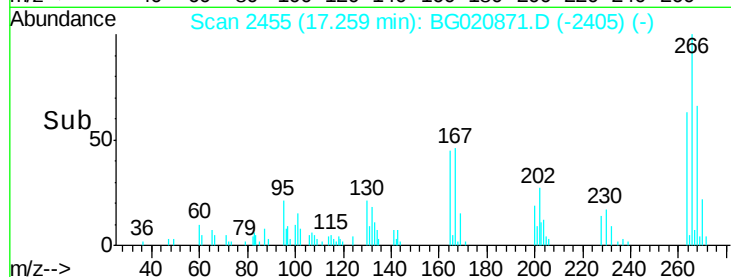
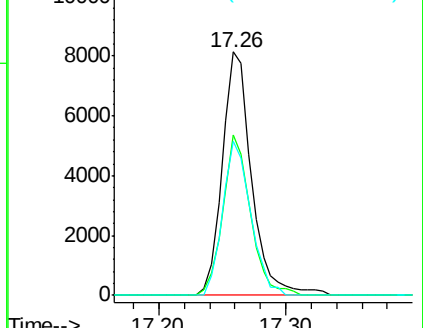
264 63.1 50.2 75.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 17.53 ng

RT: 17.66 min Scan# 2523

Delta R.T. -0.01 min

Lab File: BG020871.D

Acq: 12 Feb 2016 00:41

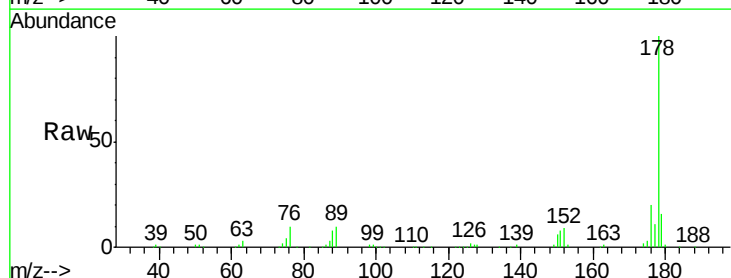
Tgt Ion:178 Resp: 140523

Ion Ratio Lower Upper

178 100

176 20.3 16.8 25.2

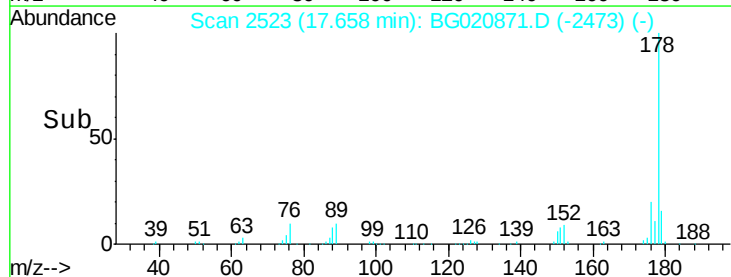
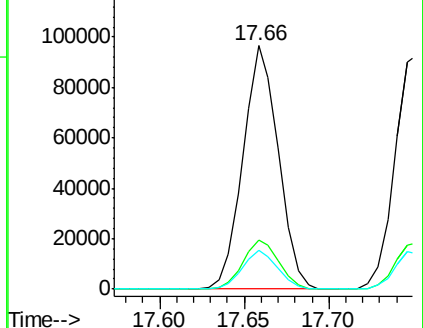
179 15.7 12.6 19.0

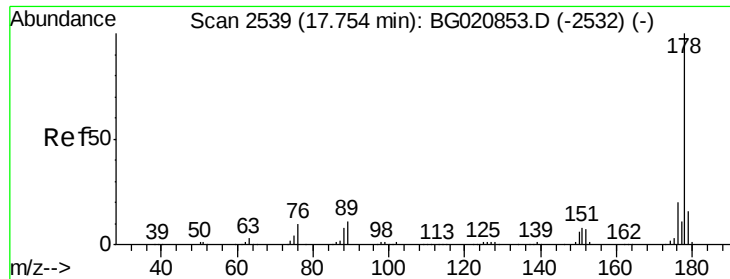


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

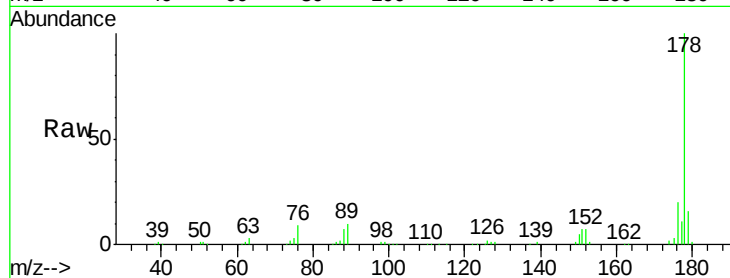




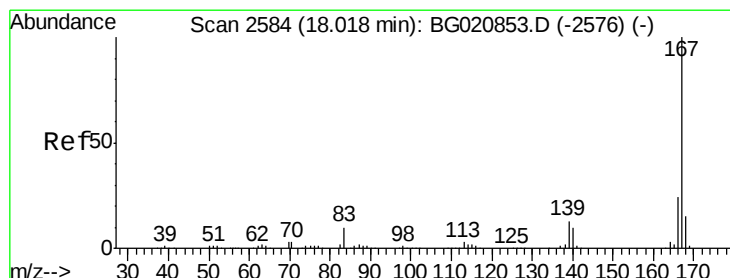
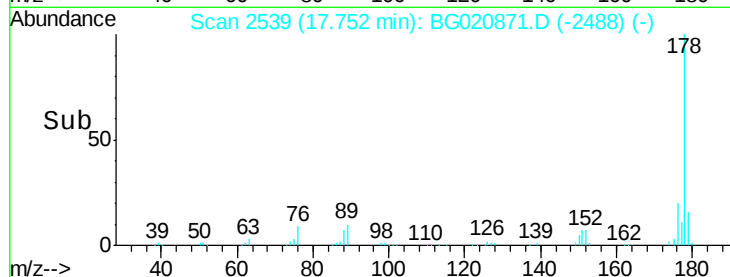
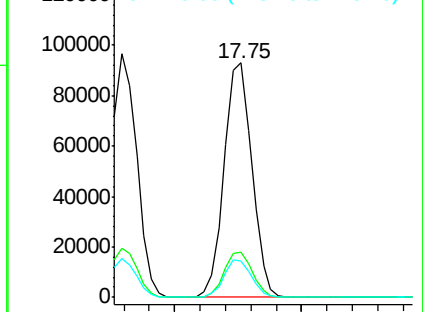
#71
 Anthracene
 Concen: 17.39 ng
 RT: 17.75 min Scan# 2539
 Delta R.T. -0.00 min
 Lab File: BG020871.D
 Acq: 12 Feb 2016 00:41

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2016-02

Tgt Ion:178 Resp: 141461
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.2 24.4
 179 15.6 12.7 19.1

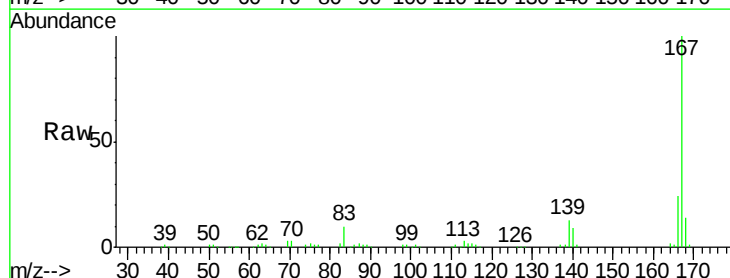


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

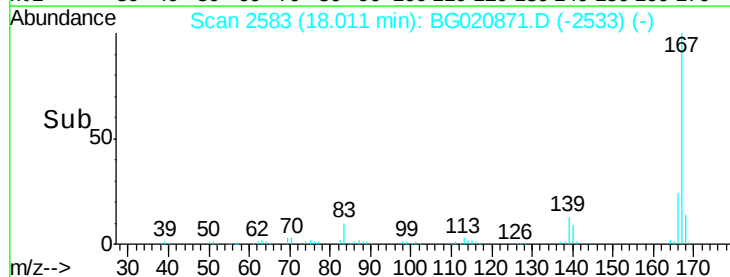
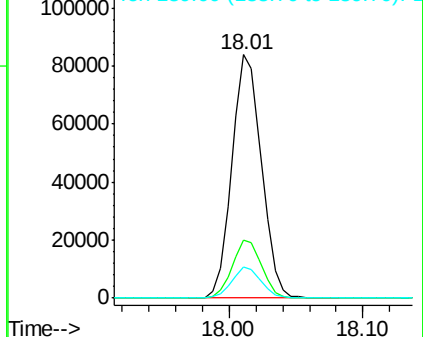


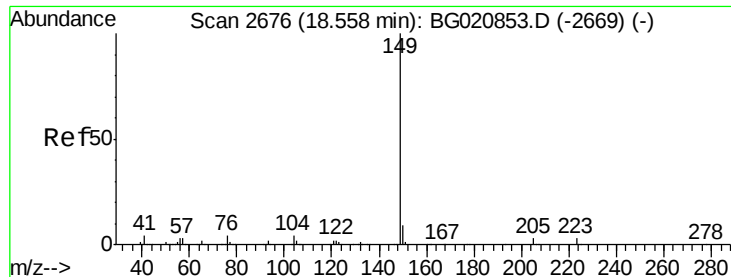
#72
 Carbazole
 Concen: 17.69 ng
 RT: 18.01 min Scan# 2583
 Delta R.T. -0.01 min
 Lab File: BG020871.D
 Acq: 12 Feb 2016 00:41

Tgt Ion:167 Resp: 129135
 Ion Ratio Lower Upper
 167 100
 166 23.7 19.3 28.9
 139 12.7 10.2 15.4



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





#73

Di-n-butylphthalate

Concen: 16.92 ng

RT: 18.56 min Scan# 2676

Delta R.T. -0.00 min

Lab File: BG020871.D

Acq: 12 Feb 2016 00:41

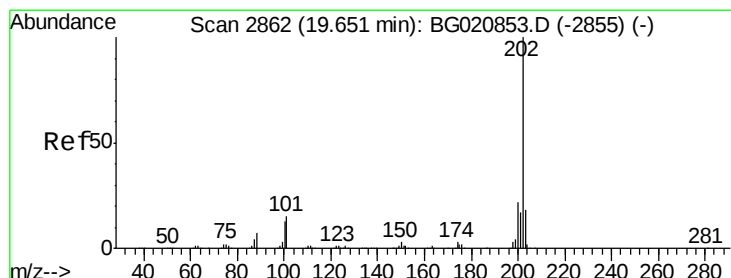
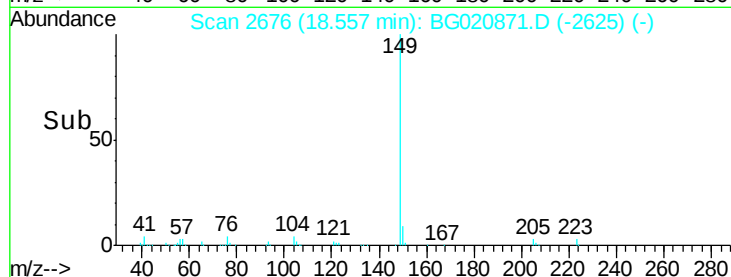
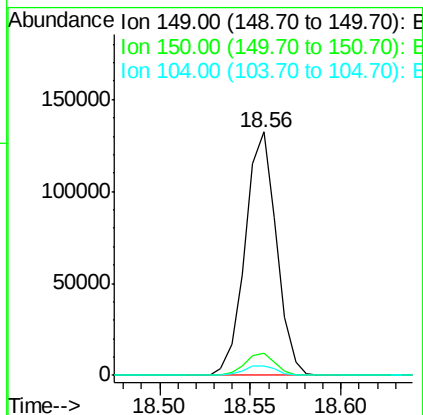
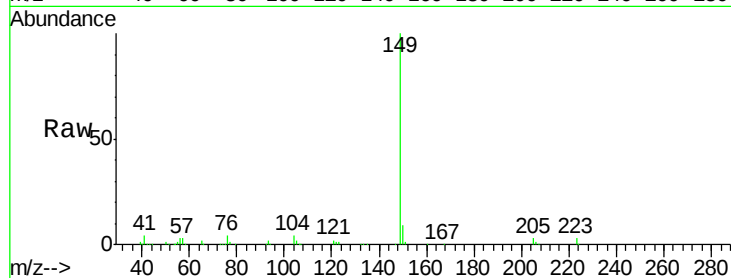
Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2016-02

Tgt Ion:	149	Resp:	158356
Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.6	11.4
104	4.0	3.4	5.0



#74

Fluoranthene

Concen: 16.99 ng

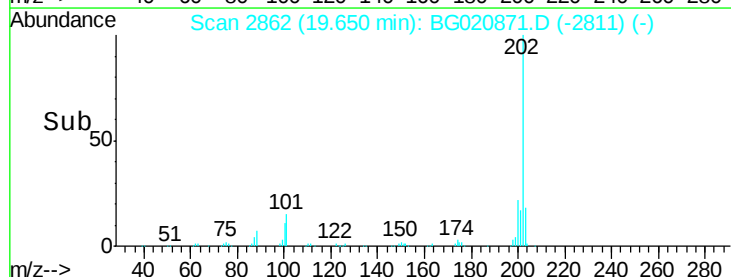
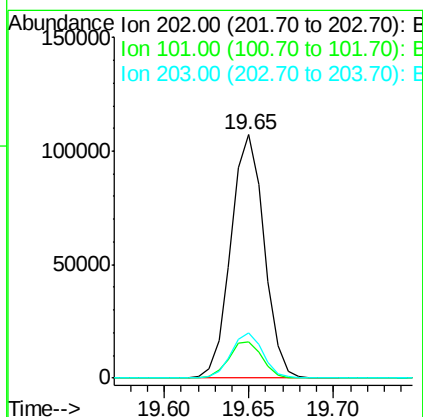
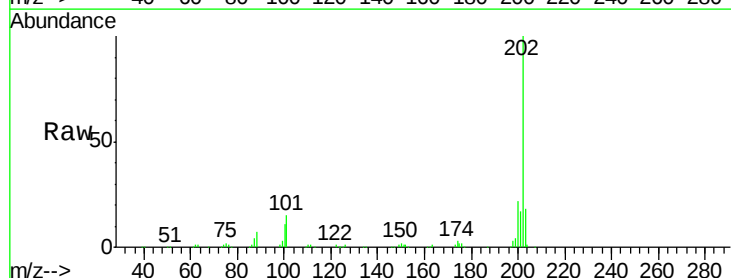
RT: 19.65 min Scan# 2862

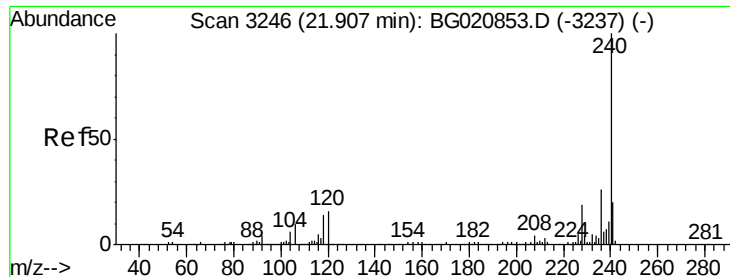
Delta R.T. -0.00 min

Lab File: BG020871.D

Acq: 12 Feb 2016 00:41

Tgt Ion:	202	Resp:	147047
Ion	Ratio	Lower	Upper
202	100		
101	14.8	0.0	35.3
203	18.5	0.0	37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.90 min Scan# 3245

Delta R.T. -0.01 min

Lab File: BG020871.D

Acq: 12 Feb 2016 00:41

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2016-02

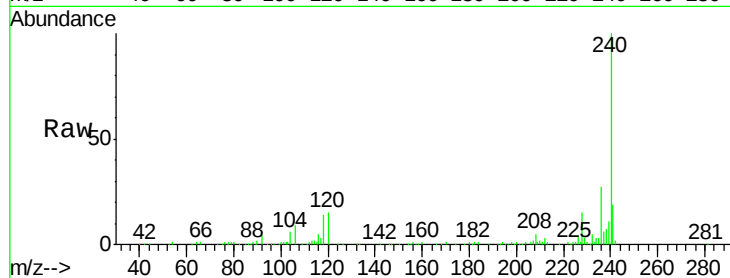
Tgt Ion:240 Resp: 131480

Ion Ratio Lower Upper

240 100

120 15.0 13.0 19.4

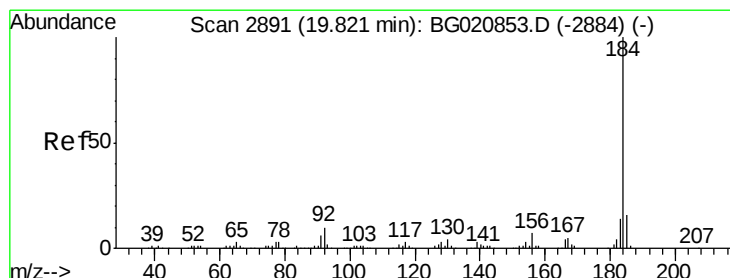
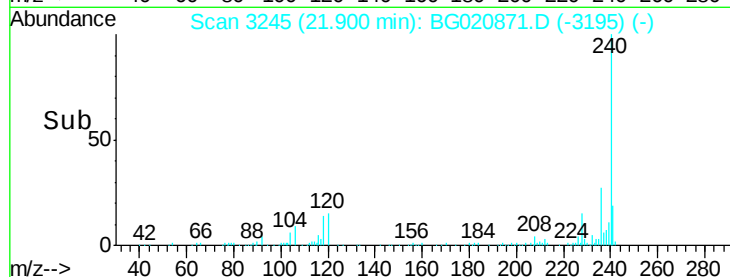
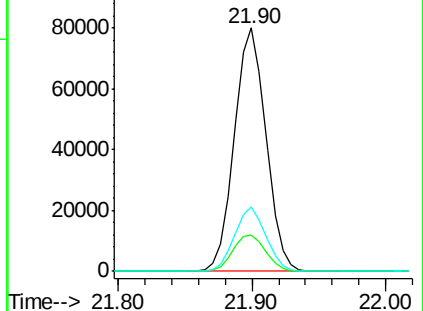
236 26.7 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 3.94 ng

RT: 19.82 min Scan# 2891

Delta R.T. -0.00 min

Lab File: BG020871.D

Acq: 12 Feb 2016 00:41

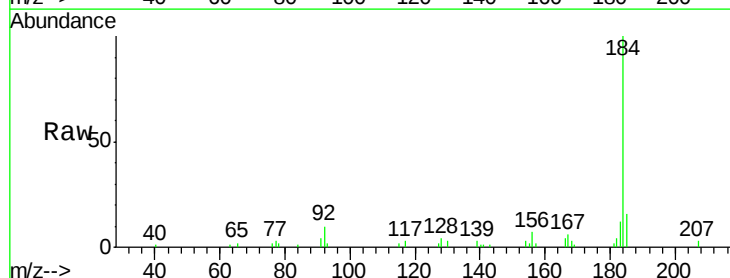
Tgt Ion:184 Resp: 16754

Ion Ratio Lower Upper

184 100

185 15.6 12.6 19.0

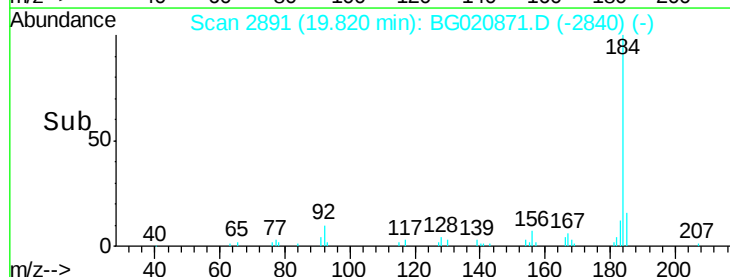
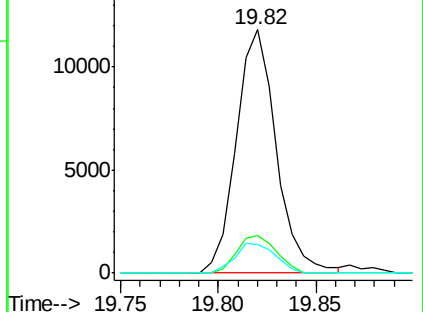
183 11.8 11.0 16.4

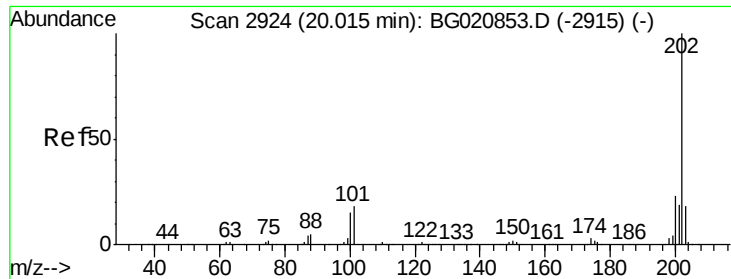


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

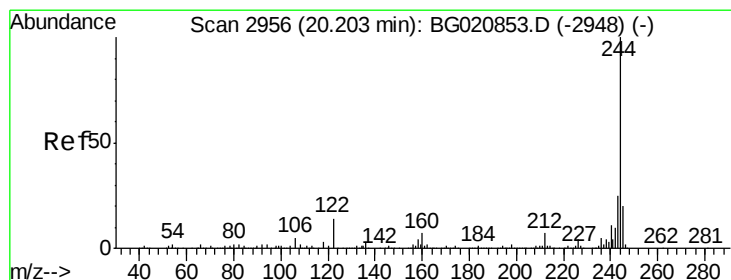
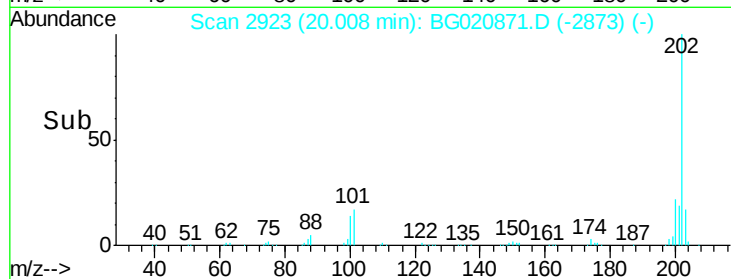
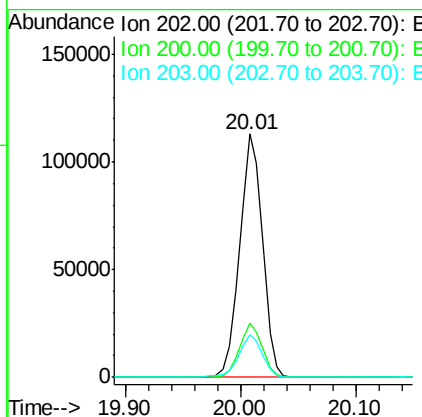
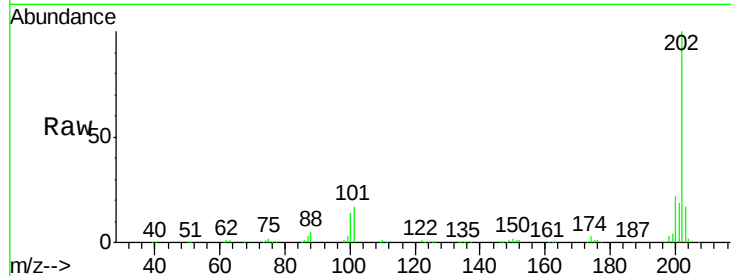




#77
 Pyrene
 Concen: 17.81 ng
 RT: 20.01 min Scan# 2923
 Delta R.T. -0.01 min
 Lab File: BG020871.D
 Acq: 12 Feb 2016 00:41

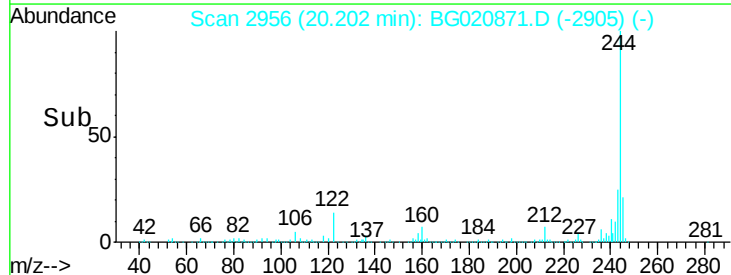
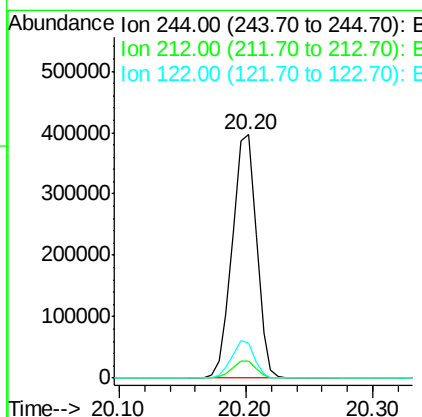
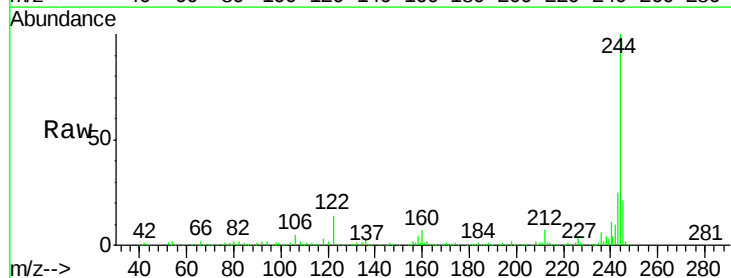
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2016-02

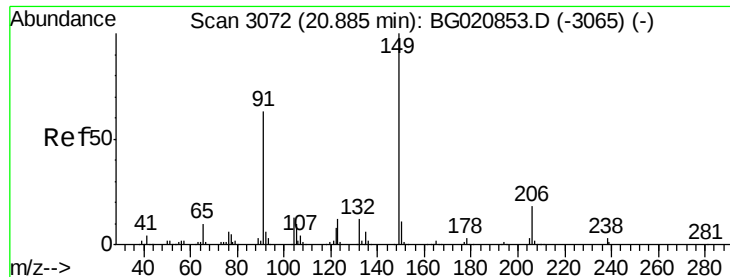
Tgt Ion: 202 Resp: 154433
 Ion Ratio Lower Upper
 202 100
 200 22.1 18.5 27.7
 203 17.3 14.3 21.5



#78
 Terphenyl-d14
 Concen: 92.61 ng
 RT: 20.20 min Scan# 2956
 Delta R.T. -0.00 min
 Lab File: BG020871.D
 Acq: 12 Feb 2016 00:41

Tgt Ion: 244 Resp: 521976
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 14.3 11.4 17.2

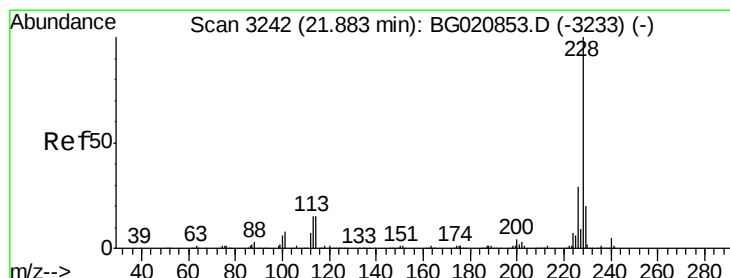
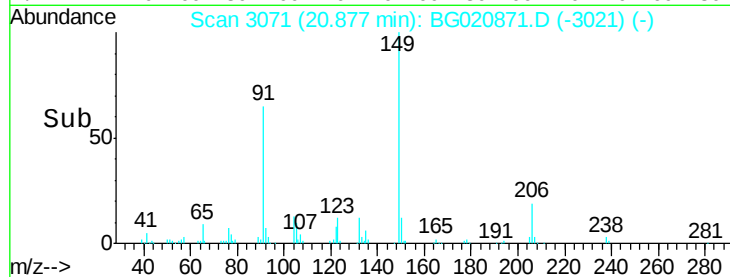
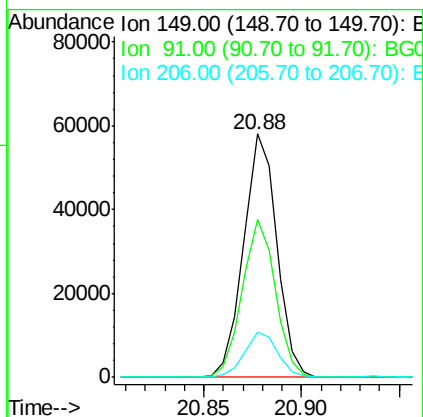
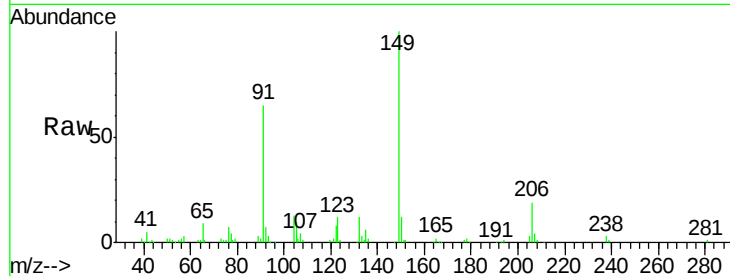




#79
Butylbenzylphthalate
Concen: 16.53 ng
RT: 20.88 min Scan# 3071
Delta R.T. -0.01 min
Lab File: BG020871.D
Acq: 12 Feb 2016 00:41

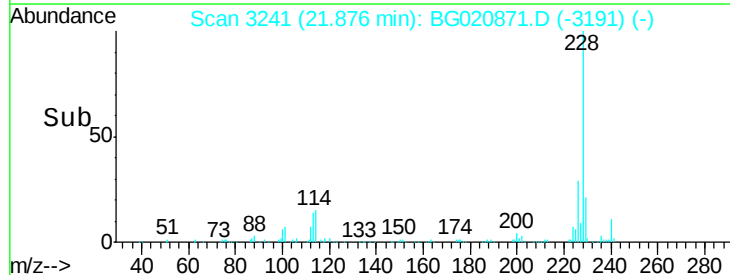
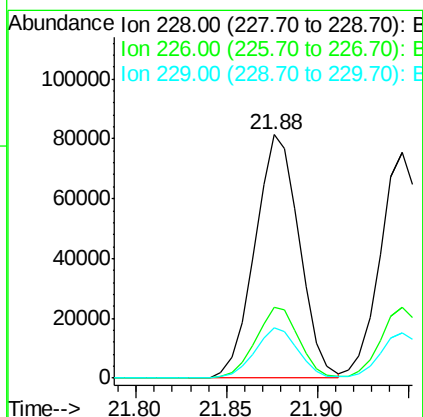
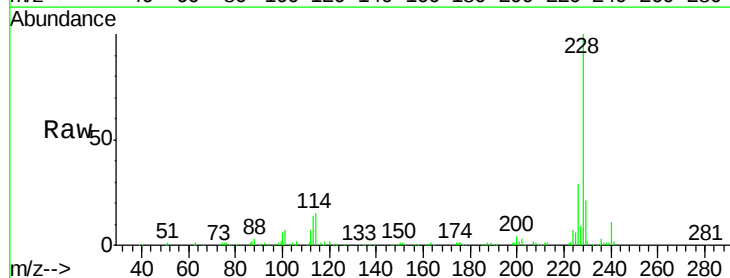
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2016-02

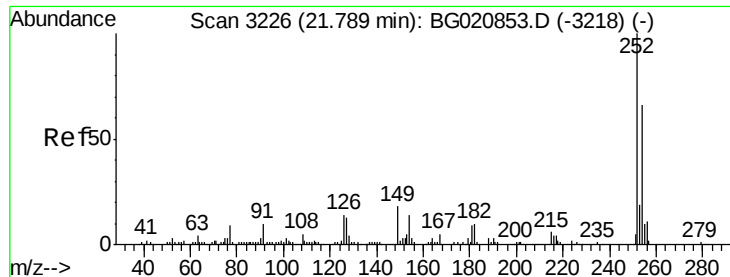
Tgt Ion:149 Resp: 68657
Ion Ratio Lower Upper
149 100
91 65.0 50.6 76.0
206 18.8 14.6 22.0



#80
Benzo(a)anthracene
Concen: 17.71 ng
RT: 21.88 min Scan# 3241
Delta R.T. -0.01 min
Lab File: BG020871.D
Acq: 12 Feb 2016 00:41

Tgt Ion:228 Resp: 139019
Ion Ratio Lower Upper
228 100
226 29.3 23.1 34.7
229 20.7 16.2 24.2

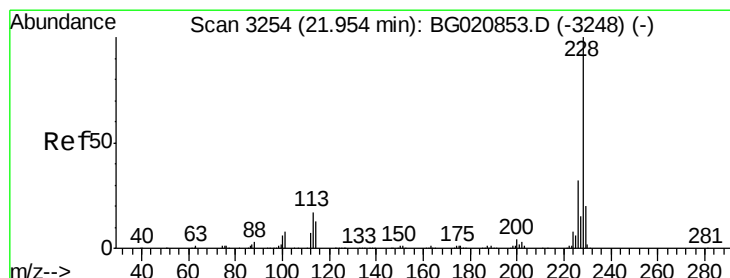
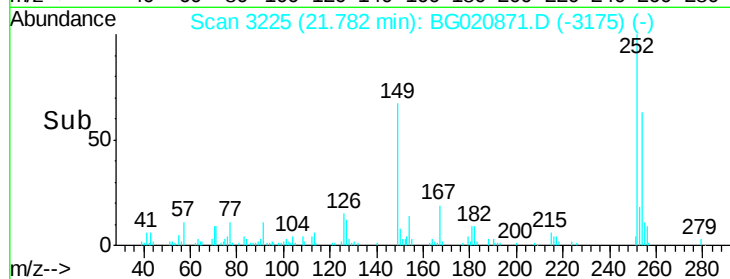
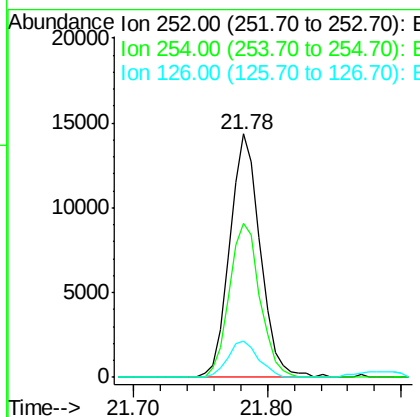
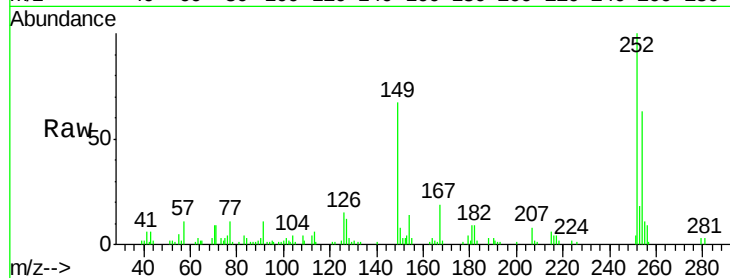




#81
 3,3'-Dichlorobenzidine
 Concen: 7.83 ng
 RT: 21.78 min Scan# 3225
 Delta R.T. -0.01 min
 Lab File: BG020871.D
 Acq: 12 Feb 2016 00:41

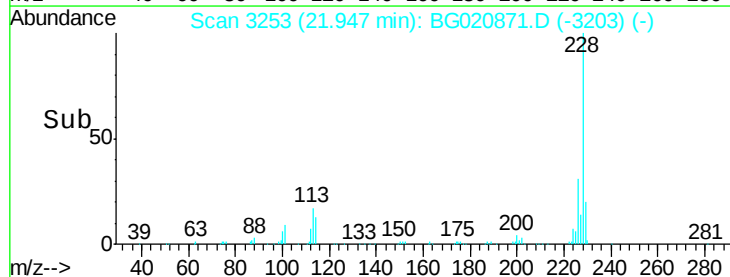
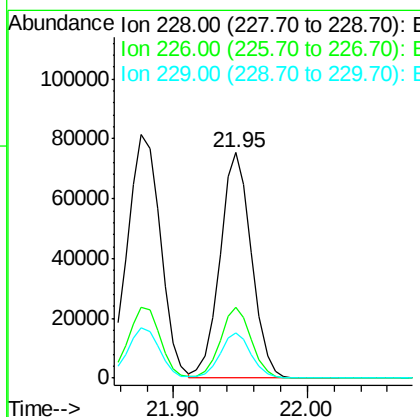
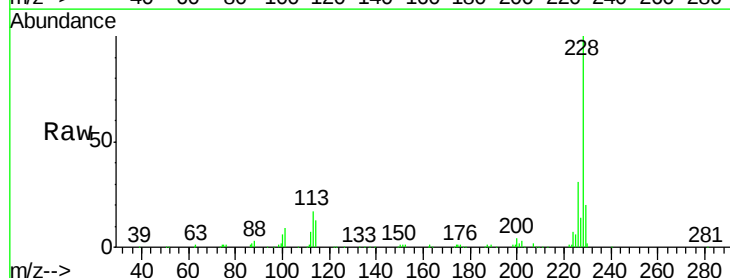
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2016-02

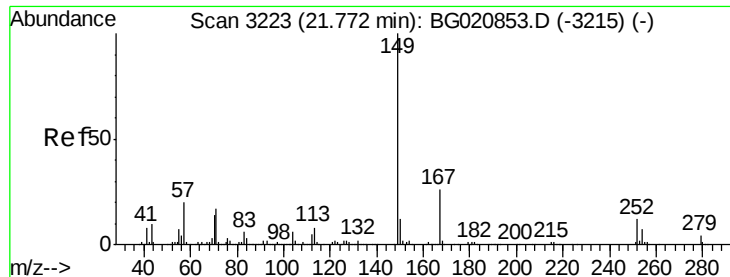
Tgt Ion:252 Resp: 22817
 Ion Ratio Lower Upper
 252 100
 254 63.0 52.8 79.2
 126 14.8 11.1 16.7



#82
 Chrysene
 Concen: 16.87 ng
 RT: 21.95 min Scan# 3253
 Delta R.T. -0.01 min
 Lab File: BG020871.D
 Acq: 12 Feb 2016 00:41

Tgt Ion:228 Resp: 124500
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.3 37.9
 229 19.9 16.2 24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 16.79 ng

RT: 21.76 min Scan# 3222

Delta R.T. -0.01 min

Lab File: BG020871.D

Acq: 12 Feb 2016 00:41

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2016-02

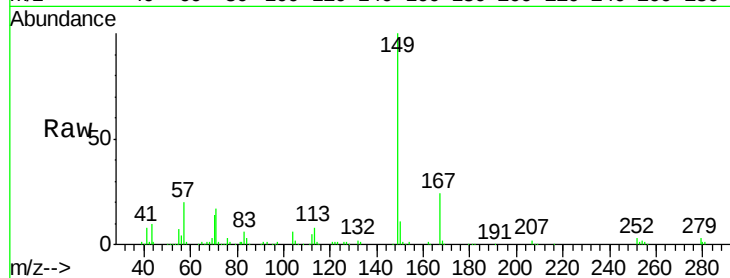
Tgt Ion:149 Resp: 103386

Ion Ratio Lower Upper

149 100

167 24.2 20.9 31.3

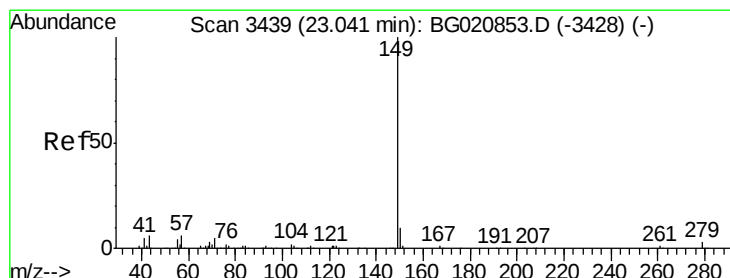
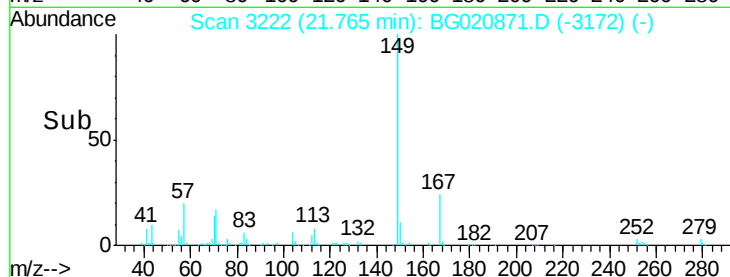
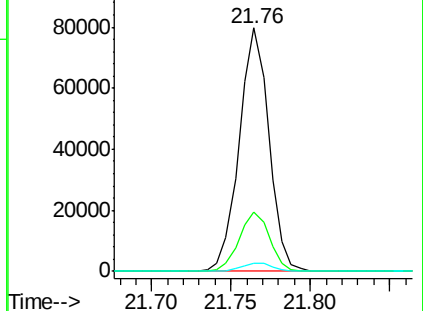
279 3.4 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 17.16 ng

RT: 23.03 min Scan# 3438

Delta R.T. -0.01 min

Lab File: BG020871.D

Acq: 12 Feb 2016 00:41

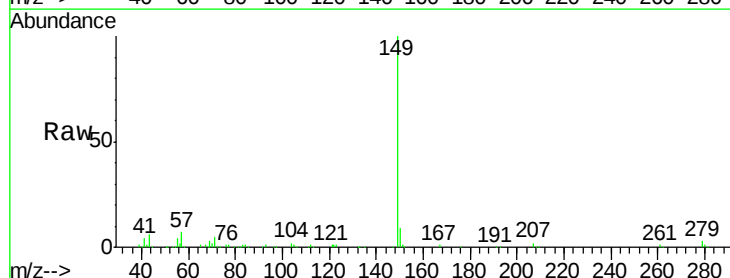
Tgt Ion:149 Resp: 173386

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

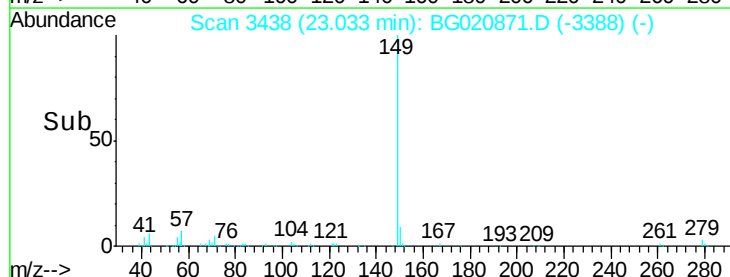
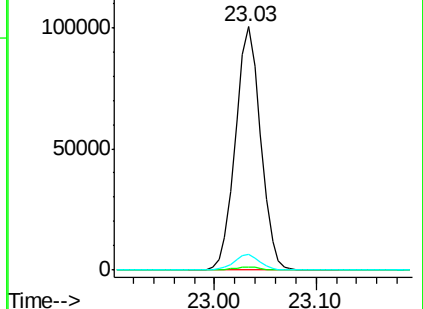
43 6.4 5.1 7.7

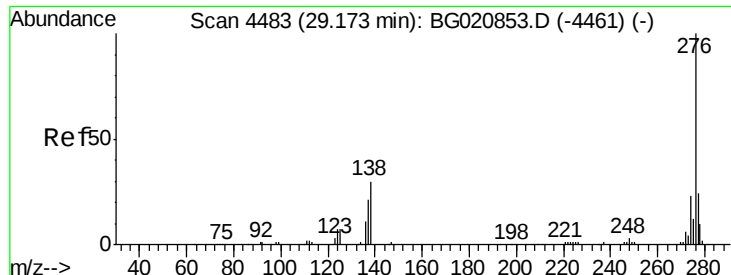


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

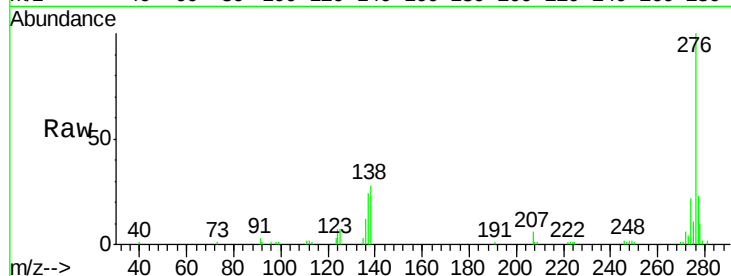




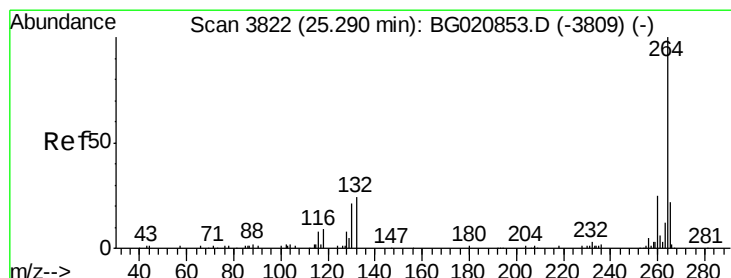
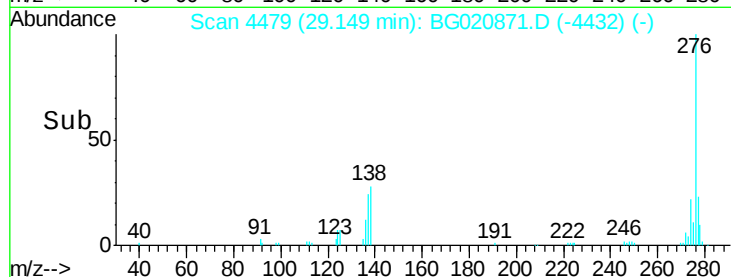
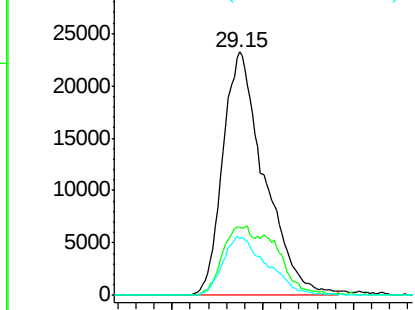
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 17.43 ng
 RT: 29.15 min Scan# 4479
 Delta R.T. -0.02 min
 Lab File: BG020871.D
 Acq: 12 Feb 2016 00:41

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2016-02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	0.0	20.1	30.1#
277	25.5	20.5	30.7

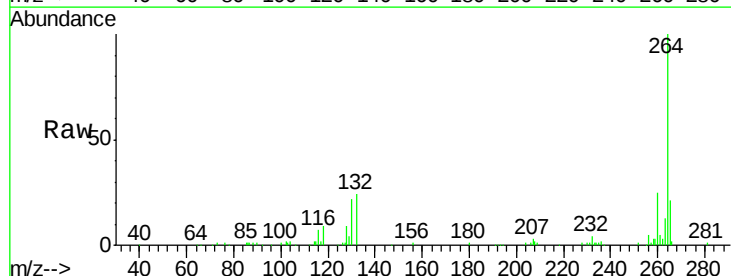


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

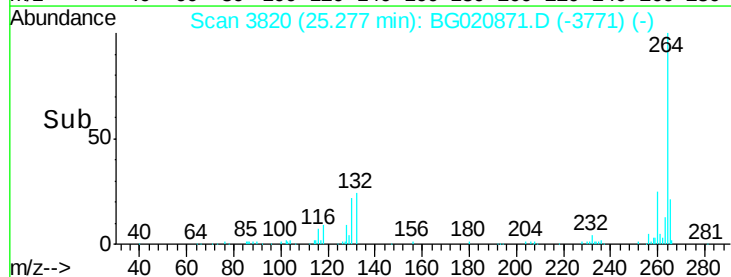
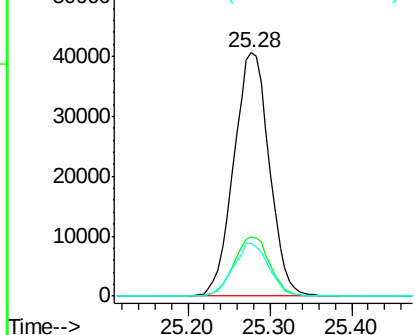


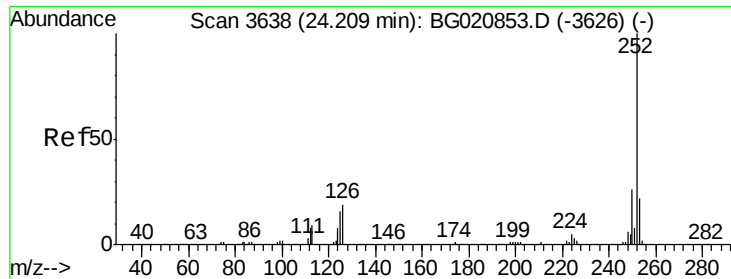
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.28 min Scan# 3820
 Delta R.T. -0.01 min
 Lab File: BG020871.D
 Acq: 12 Feb 2016 00:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.9	29.9
265	21.5	18.0	27.0



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





#87

Benzo(b)fluoranthene

Concen: 17.63 ng

RT: 24.20 min Scan# 3636

Delta R.T. -0.01 min

Lab File: BG020871.D

Acq: 12 Feb 2016 00:41

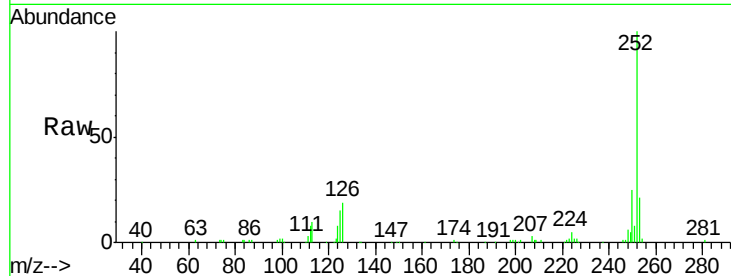
Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2016-02

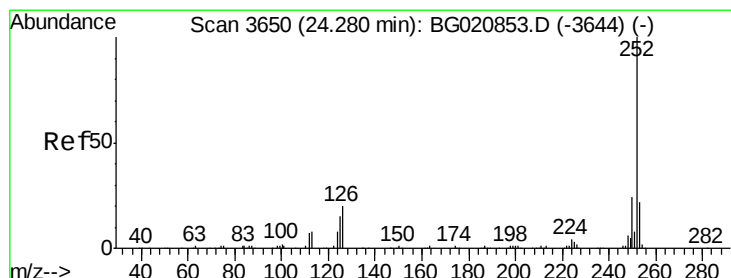
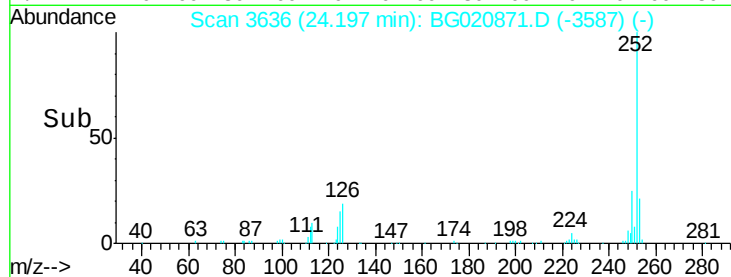
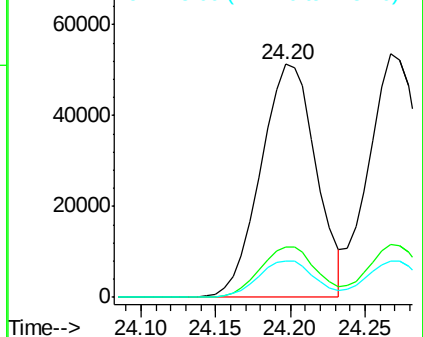
Tgt Ion:	252	Resp:	132049
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.5	26.3
125	15.3	12.5	18.7



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: 17.79 ng

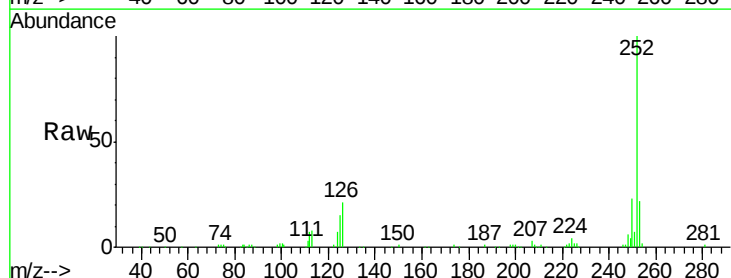
RT: 24.27 min Scan# 3648

Delta R.T. -0.01 min

Lab File: BG020871.D

Acq: 12 Feb 2016 00:41

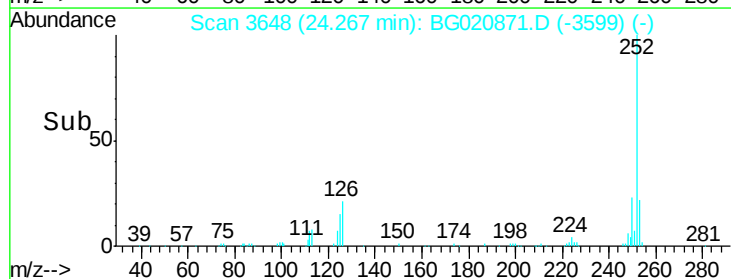
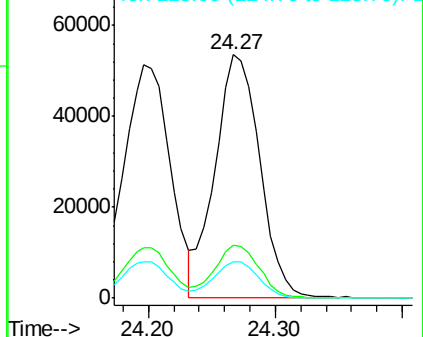
Tgt Ion:	252	Resp:	130560
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.7	26.5
125	14.9	12.2	18.4

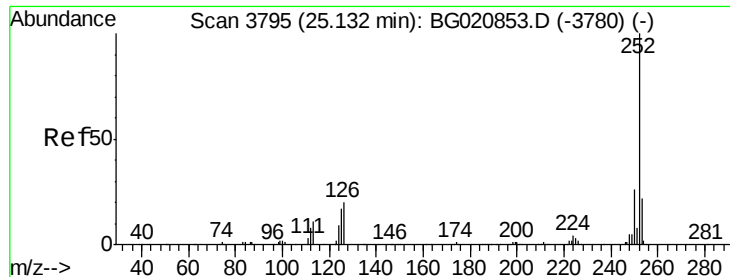


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 17.97 ng

RT: 25.12 min Scan# 3793

Delta R.T. -0.01 min

Lab File: BG020871.D

Acq: 12 Feb 2016 00:41

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2016-02

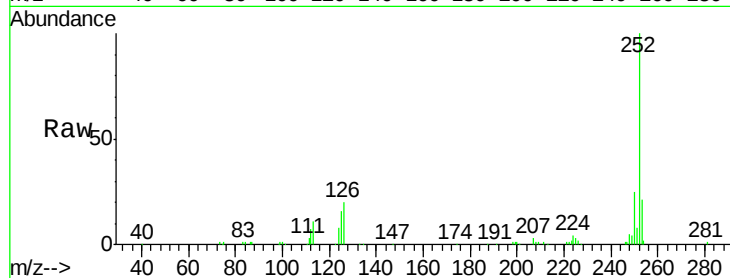
Tgt Ion:252 Resp: 128283

Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.2

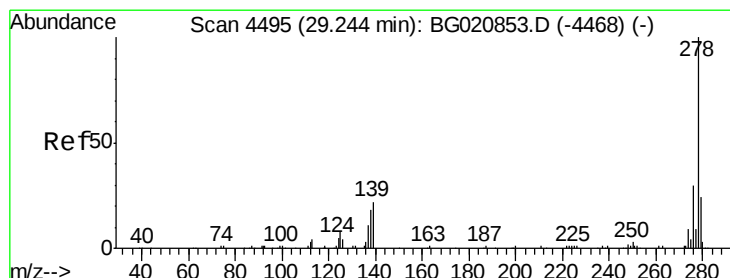
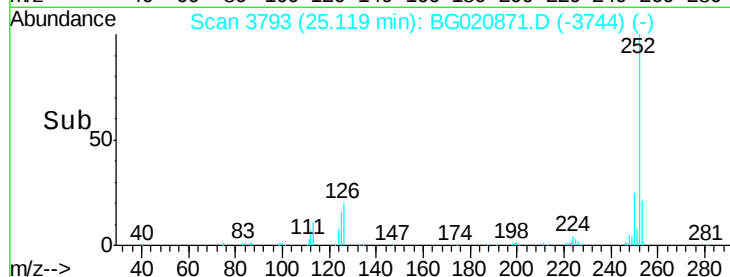
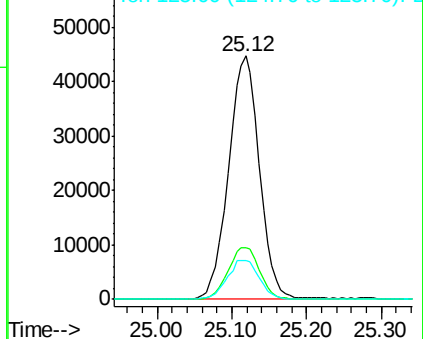
125 15.8 13.6 20.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 17.52 ng

RT: 29.22 min Scan# 4491

Delta R.T. -0.02 min

Lab File: BG020871.D

Acq: 12 Feb 2016 00:41

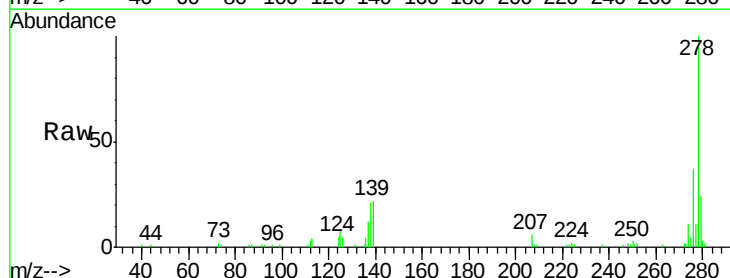
Tgt Ion:278 Resp: 121624

Ion Ratio Lower Upper

278 100

139 22.3 17.3 25.9

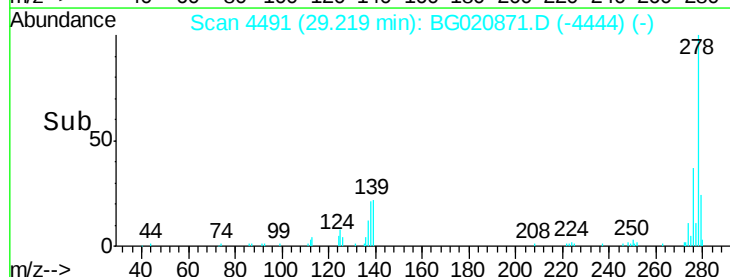
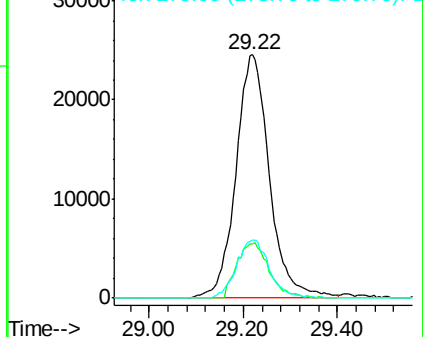
279 23.9 19.1 28.7

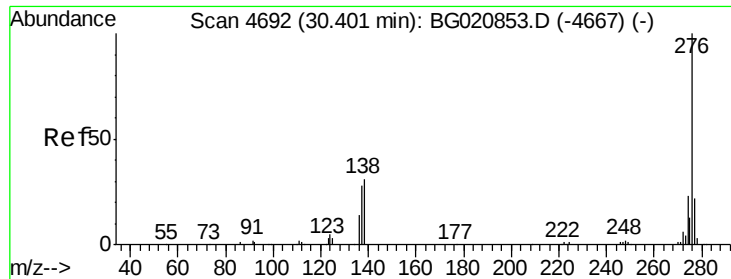


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 17.45 ng

RT: 30.37 min Scan# 4687

Delta R.T. -0.03 min

Lab File: BG020871.D

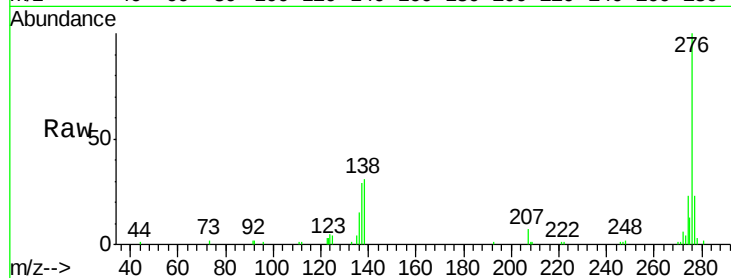
Acq: 12 Feb 2016 00:41

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2016-02



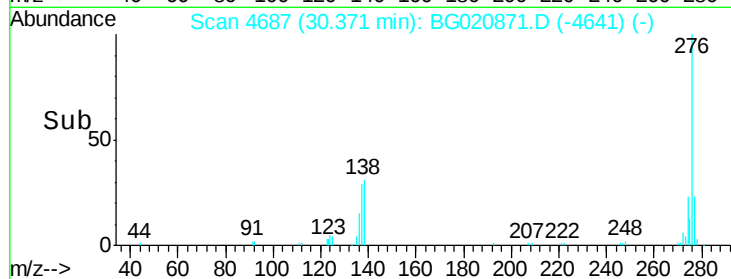
Tgt Ion: 276 Resp: 120224

Ion Ratio Lower Upper

276 100

277 22.8 17.6 26.4

138 31.0 25.2 37.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

