

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101315\
 Data File : BG019178.D
 Acq On : 13 Oct 2015 4:04
 Operator : UM/NP
 Sample : G3707-06
 Misc : LOO 20 PPM
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2015-02

Quant Time: Oct 13 04:55:06 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 13 03:45:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	16791	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	78417	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	56747	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	146936	20.00	ng	0.00
75) Chrysene-d12	21.68	240	179309	20.00	ng	0.00
86) Perylene-d12	24.91	264	177641	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	102189	123.91	ng	0.00
7) Phenol-d6	7.20	99	159519	125.91	ng	0.00
23) Nitrobenzene-d5	9.19	82	109258	76.98	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	93022	120.29	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	273947	74.23	ng	0.00
78) Terphenyl-d14	20.02	244	505390	74.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	3961	11.42	ng	90
3) Pyridine	3.90	79	11651	10.99	ng	91
4) n-Nitrosodimethylamine	3.82	42	8591	14.29	ng	91
6) Aniline	7.36	93	16412	9.57	ng	93
8) 2-Chlorophenol	7.60	128	16539	15.98	ng	93
9) Benzaldehyde	7.16	77	13748	17.23	ng	96
10) Phenol	7.23	94	22387	16.97	ng	96
11) bis(2-Chloroethyl)ether	7.45	93	14637	14.68	ng	97
12) 1,3-Dichlorobenzene	7.92	146	15352	13.59	ng	97
13) 1,4-Dichlorobenzene	8.07	146	16419	14.20	ng	98
14) 1,2-Dichlorobenzene	8.38	146	16654	14.89	ng	92
15) Benzyl Alcohol	8.27	79	17928	15.84	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.56	45	33465	15.67	ng	98
17) 2-Methylphenol	8.47	107	15442	16.39	ng	96
18) Hexachloroethane	9.11	117	6525	14.81	ng	97
19) n-Nitroso-di-n-propylamine	8.83	70	13765	13.69	ng	# 91
20) 3+4-Methylphenols	8.80	107	21694	15.99	ng	96
22) Acetophenone	8.86	105	26551	14.48	ng	# 98
24) Nitrobenzene	9.24	77	22279	14.80	ng	92
25) Isophorone	9.75	82	39301	13.61	ng	97
26) 2-Nitrophenol	9.94	139	8875	13.82	ng	93
27) 2,4-Dimethylphenol	10.01	122	16504	14.71	ng	95
28) bis(2-Chloroethoxy)methane	10.24	93	22253	14.45	ng	97
29) 2,4-Dichlorophenol	10.48	162	19240	16.36	ng	93
30) 1,2,4-Trichlorobenzene	10.70	180	17896	14.18	ng	94
31) Naphthalene	10.89	128	54845	14.53	ng	97
32) Benzoic acid	10.11	122	4376	13.05	ng	# 89
33) 4-Chloroaniline	10.99	127	16427	9.37	ng	# 95
34) Hexachlorobutadiene	11.18	225	13050	15.08	ng	95
35) Caprolactam	11.75	113	6361	14.68	ng	# 78
36) 4-Chloro-3-methylphenol	12.12	107	22789	15.24	ng	96
37) 2-Methylnaphthalene	12.49	142	43790	14.93	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	23472	14.39	ng	99
40) Hexachlorocyclopentadiene	12.84	237	11848	13.97	ng	95

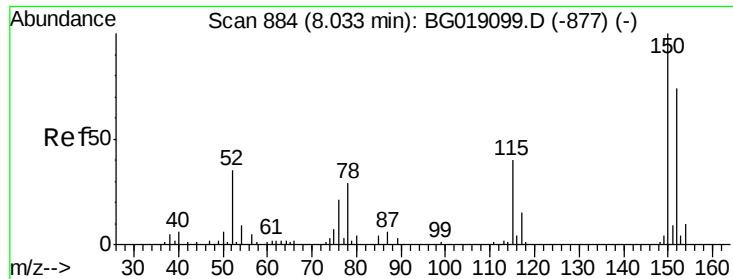
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101315\
 Data File : BG019178.D
 Acq On : 13 Oct 2015 4:04
 Operator : UM/NP
 Sample : G3707-06
 Misc : LOO 20 PPM
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 13 03:45:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	16509	14.54	ng	95
43) 2,4,5-Trichlorophenol	13.17	196	18537	15.36	ng	97
45) 1,1'-Biphenyl	13.49	154	58842	14.28	ng	99
46) 2-Chloronaphthalene	13.54	162	46856	14.78	ng	97
47) 2-Nitroaniline	13.74	65	18437	14.48	ng	98
48) Acenaphthylene	14.38	152	80987	14.48	ng	98
49) Dimethylphthalate	14.11	163	64306	14.35	ng	99
50) 2,6-Dinitrotoluene	14.23	165	13518	14.12	ng	# 82
51) Acenaphthene	14.72	154	49861	14.83	ng	98
52) 3-Nitroaniline	14.56	138	11838	11.21	ng	# 95
53) 2,4-Dinitrophenol	14.77	184	2796	8.72	ng	# 67
54) Dibenzofuran	15.06	168	77486	15.59	ng	98
55) 4-Nitrophenol	14.87	139	10062	12.58	ng	91
56) 2,4-Dinitrotoluene	15.01	165	20688	14.86	ng	99
57) Fluorene	15.71	166	65444	15.18	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.28	232	18253	15.98	ng	# 98
59) Diethylphthalate	15.47	149	67709	14.54	ng	97
60) 4-Chlorophenyl-phenylether	15.70	204	33414	15.21	ng	99
61) 4-Nitroaniline	15.72	138	15881	13.83	ng	97
62) Azobenzene	15.99	77	67843	15.71	ng	99
64) 4,6-Dinitro-2-methylphenol	15.78	198	7799	9.72	ng	98
65) n-Nitrosodiphenylamine	15.91	169	58259	14.35	ng	96
66) 4-Bromophenyl-phenylether	16.59	248	22544	15.10	ng	93
67) Hexachlorobenzene	16.71	284	26353	15.03	ng	95
68) Atrazine	16.86	200	24169	14.45	ng	97
69) Pentachlorophenol	17.06	266	10105	11.05	ng	93
70) Phenanthrene	17.44	178	113172	14.97	ng	97
71) Anthracene	17.54	178	115534	15.27	ng	97
72) Carbazole	17.81	167	102372	14.46	ng	98
73) Di-n-butylphthalate	18.37	149	124104	14.31	ng	98
74) Fluoranthene	19.45	202	143355	14.73	ng	99
76) Benzidine	19.64	184	22564	4.90	ng	98
77) Pyrene	19.82	202	145076	14.45	ng	98
79) Butylbenzylphthalate	20.71	149	54556	13.33	ng	98
80) Benzo(a)anthracene	21.66	228	137333	14.29	ng	99
81) 3,3'-Dichlorobenzidine	21.57	252	37316	10.50	ng	94
82) Chrysene	21.72	228	126942	13.91	ng	97
83) Bis(2-ethylhexyl)phthalate	21.57	149	76902	13.53	ng	96
84) Di-n-octyl phthalate	22.79	149	132160	13.46	ng	100
85) Indeno(1,2,3-cd)pyrene	28.58	276	157129	14.15	ng	97
87) Benzo(b)fluoranthene	23.88	252	138048	14.45	ng	100
88) Benzo(k)fluoranthene	23.95	252	137049	14.53	ng	98
89) Benzo(a)pyrene	24.75	252	133295	14.77	ng	97
90) Dibenzo(a,h)anthracene	28.64	278	135539	13.99	ng	97
91) Benzo(g,h,i)perylene	29.72	276	119948	13.31	ng	99

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

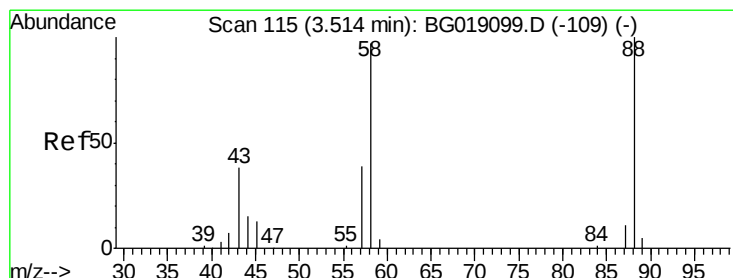
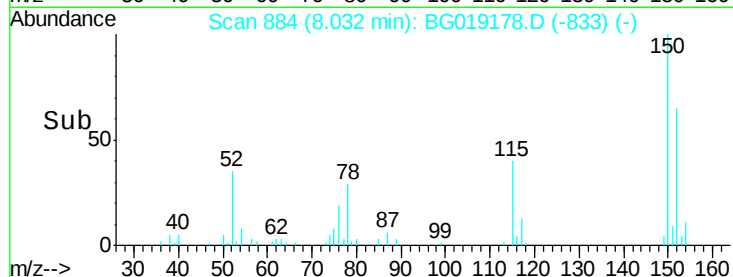
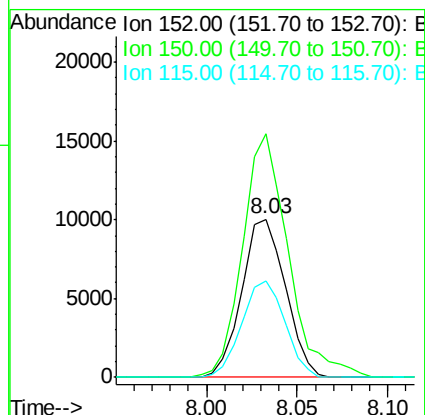
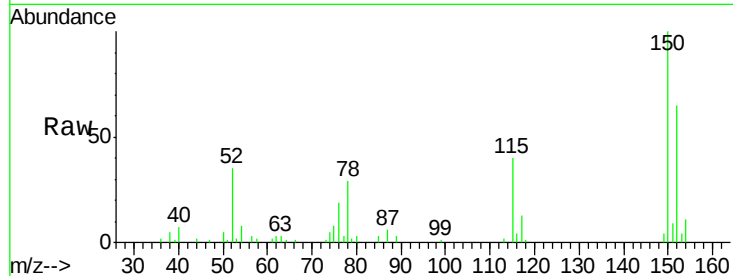


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.03 min Scan# 884
Delta R.T. -0.00 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2015-02

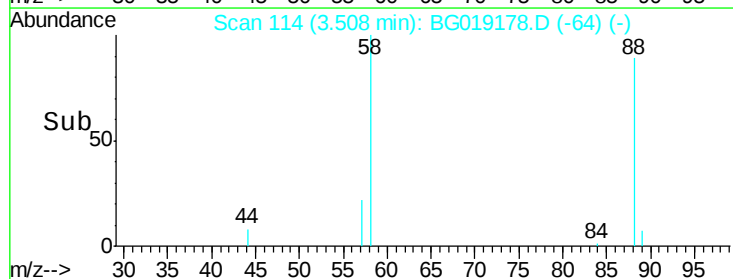
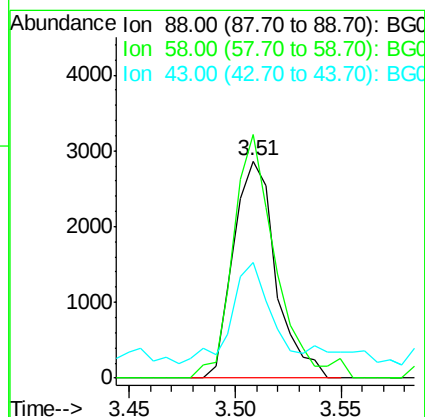
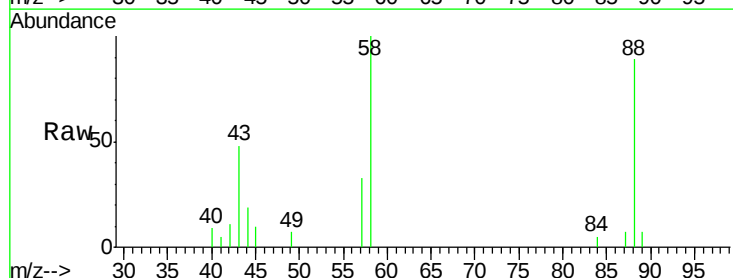
Tot Ion:152 Resp: 16791
Ion Ratio Lower Upper
152 100
150 153.8 108.2 162.2
115 61.1 43.2 64.8

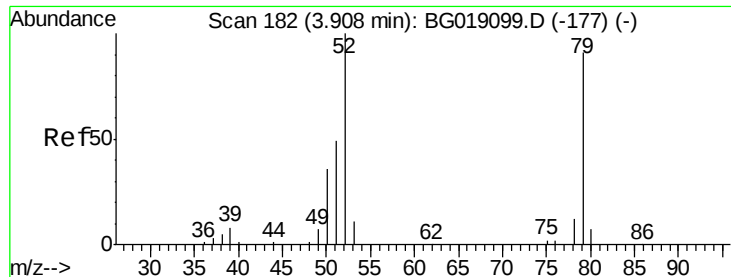


#2

1,4-Dioxane
Concen: 11.42 ng
RT: 3.51 min Scan# 114
Delta R.T. -0.01 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

Tgt Ion: 88 Resp: 3961
Ion Ratio Lower Upper
88 100
58 112.7 81.1 121.7
43 42.8 31.0 46.6





#3

Pvridine

Concen: 10.99 ng

RT: 3.90 min Scan# 181

Delta R.T. -0.01 min

Lab File: BG019178.D

Acq: 13 Oct 2015 4:04

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2015-02

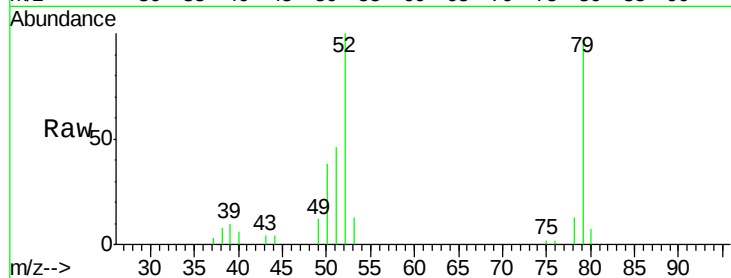
Tot Ion: 79 Resp: 11651

Ion Ratio Lower Upper

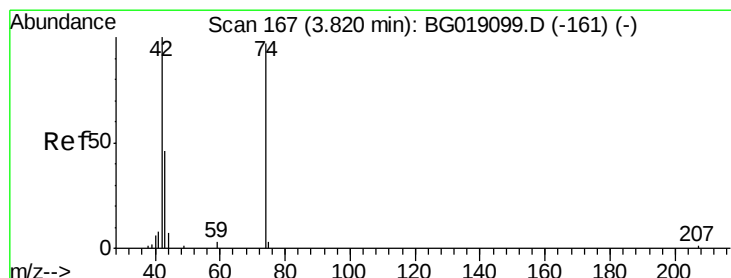
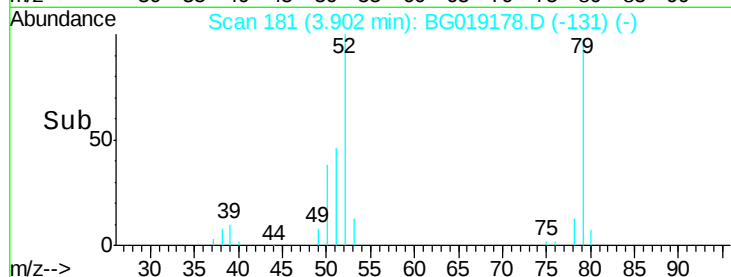
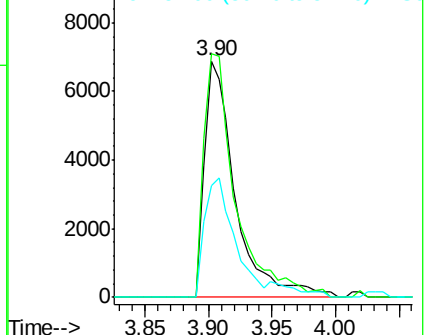
79 100

52 102.9 88.3 132.5

51 47.4 44.6 66.8



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: 14.29 ng

RT: 3.82 min Scan# 167

Delta R.T. -0.00 min

Lab File: BG019178.D

Acq: 13 Oct 2015 4:04

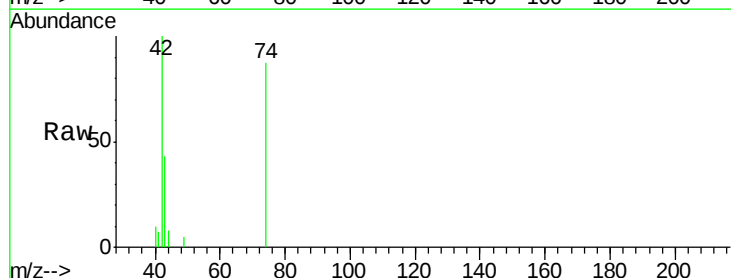
Tgt Ion: 42 Resp: 8591

Ion Ratio Lower Upper

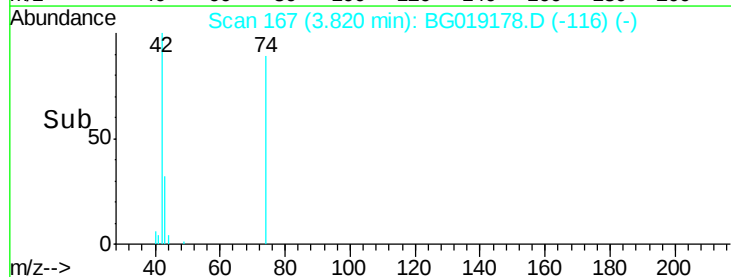
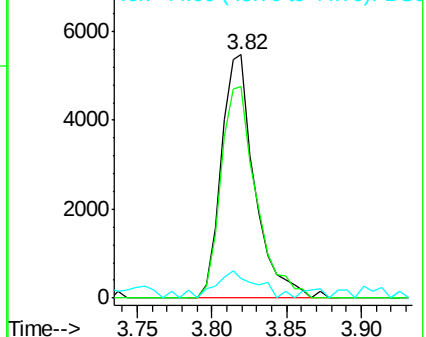
42 100

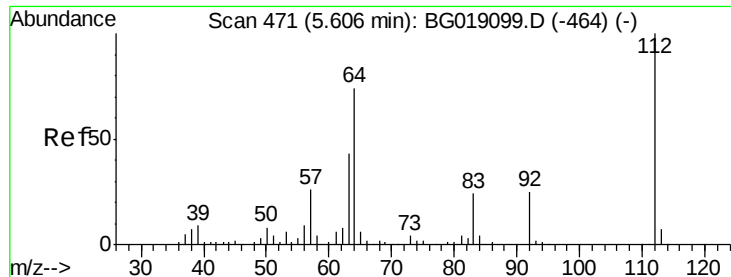
74 86.7 77.3 115.9

44 8.3 7.2 10.8



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: 123.91 ng

RT: 5.61 min Scan# 471

Delta R.T. -0.00 min

Lab File: BG019178.D

Acq: 13 Oct 2015 4:04

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2015-02

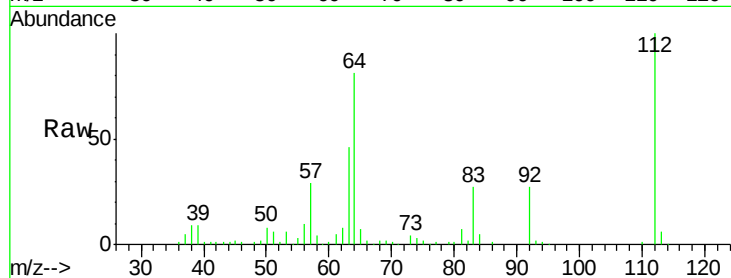
Tot Ion:112 Resp: 102189

Ion Ratio Lower Upper

112 100

64 81.0 59.0 88.4

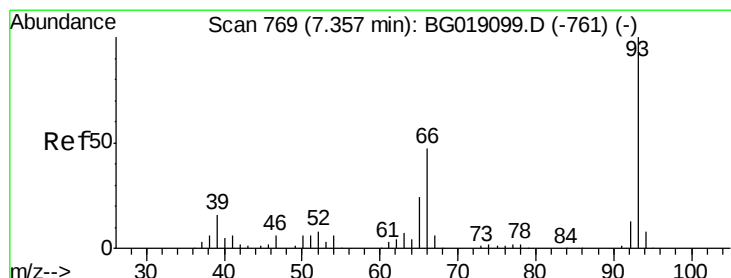
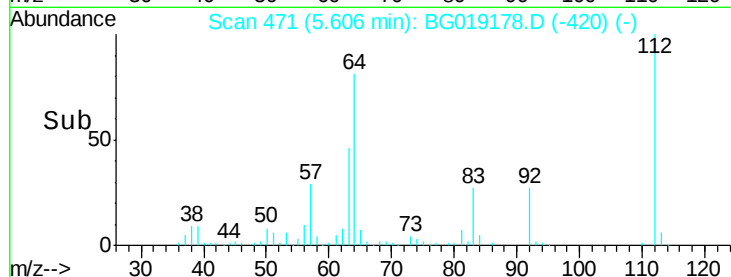
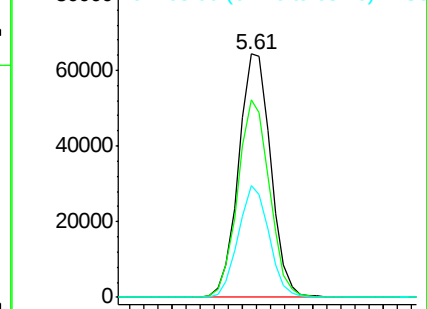
63 45.9 34.7 52.1



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: 9.57 ng

RT: 7.36 min Scan# 769

Delta R.T. -0.01 min

Lab File: BG019178.D

Acq: 13 Oct 2015 4:04

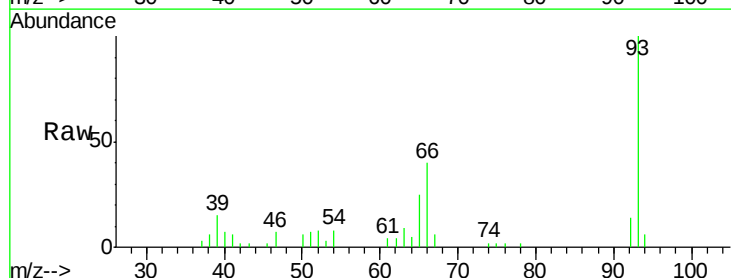
Tgt Ion: 93 Resp: 16412

Ion Ratio Lower Upper

93 100

66 40.0 37.4 56.2

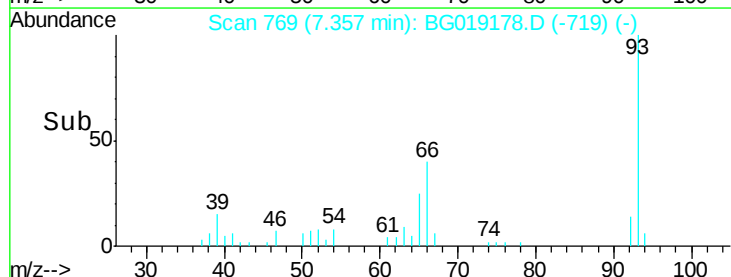
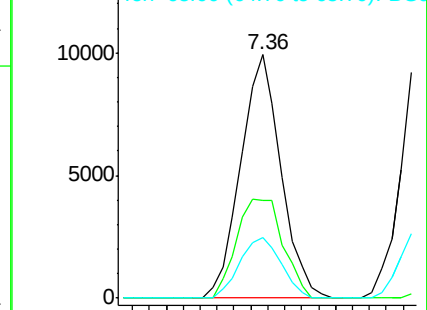
65 24.9 19.6 29.4

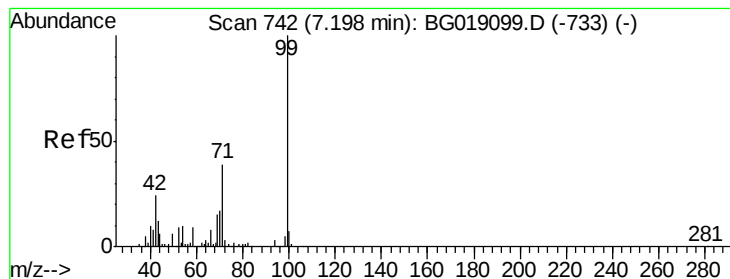


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 125.91 ng

RT: 7.20 min Scan# 742

Delta R.T. -0.01 min

Lab File: BG019178.D

Acq: 13 Oct 2015 4:04

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2015-02

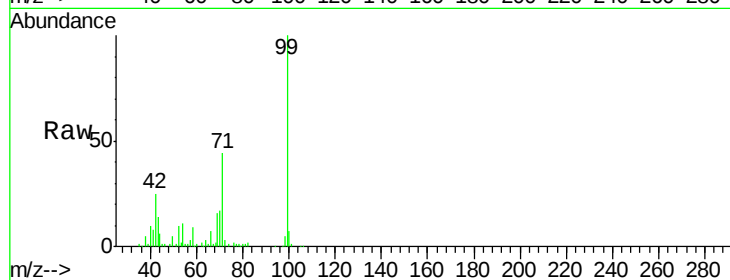
Tot Ion: 99 Resp: 159519

Ion Ratio Lower Upper

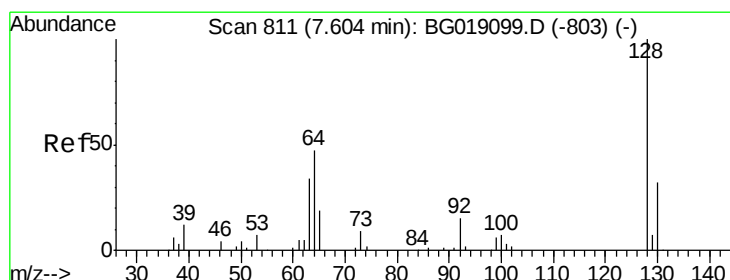
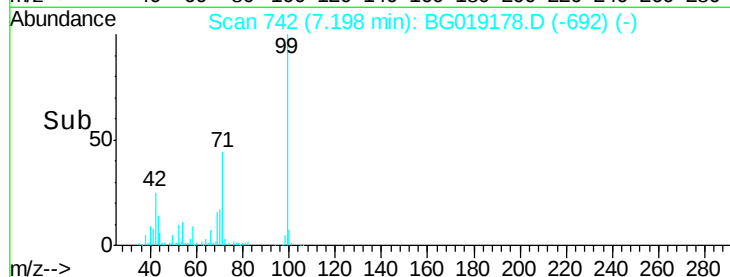
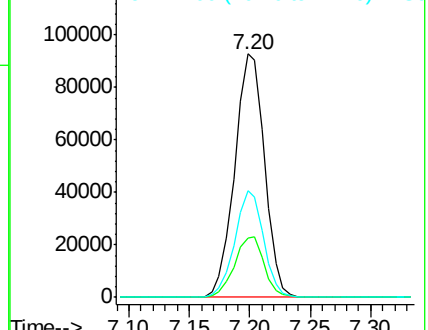
99 100

42 24.5 19.5 29.3

71 43.9 31.4 47.0



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



#8

2-Chlorophenol

Concen: 15.98 ng

RT: 7.60 min Scan# 810

Delta R.T. -0.01 min

Lab File: BG019178.D

Acq: 13 Oct 2015 4:04

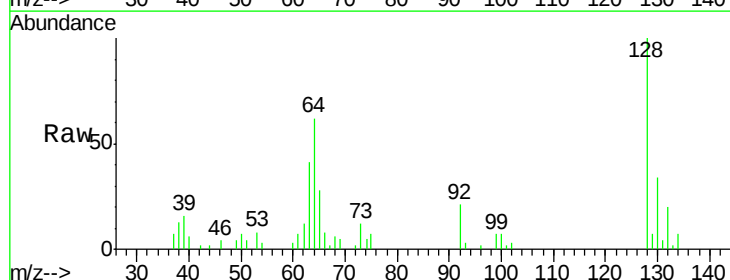
Tgt Ion: 128 Resp: 16539

Ion Ratio Lower Upper

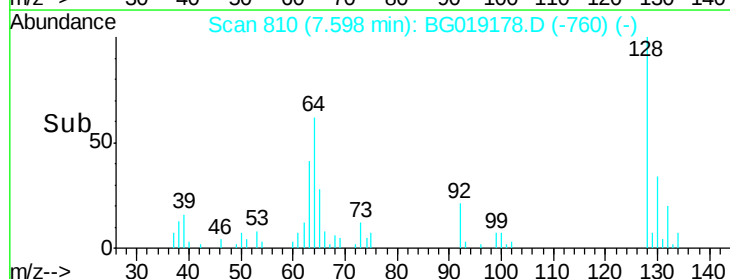
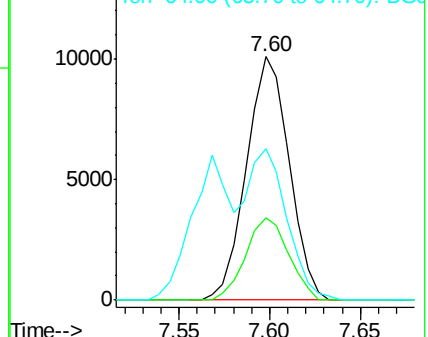
128 100

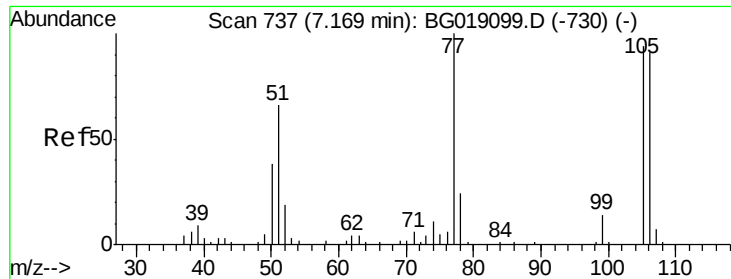
130 33.6 12.3 52.3

64 62.4 35.8 75.8



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

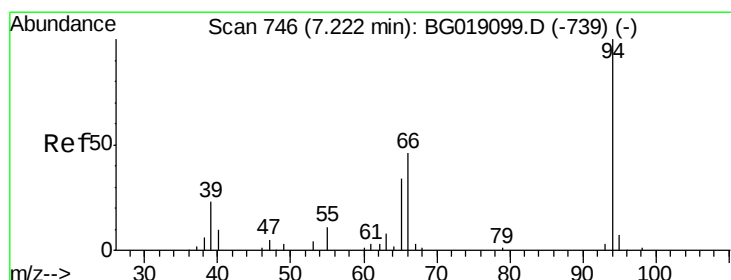
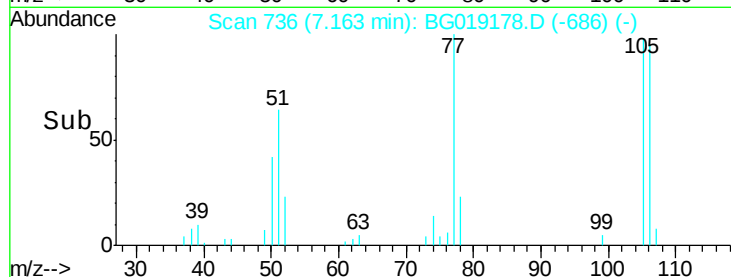
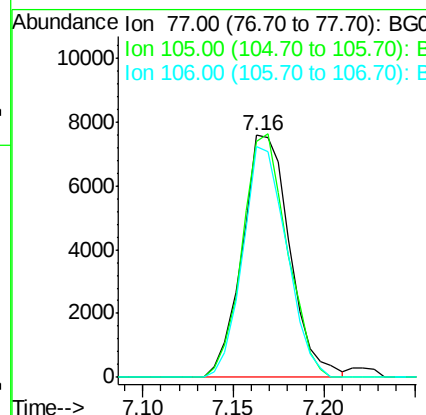
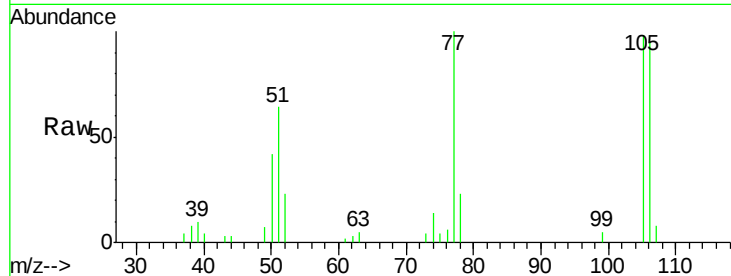




#9
Benzaldehyde
Concen: 17.23 ng
RT: 7.16 min Scan# 736
Delta R.T. -0.01 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

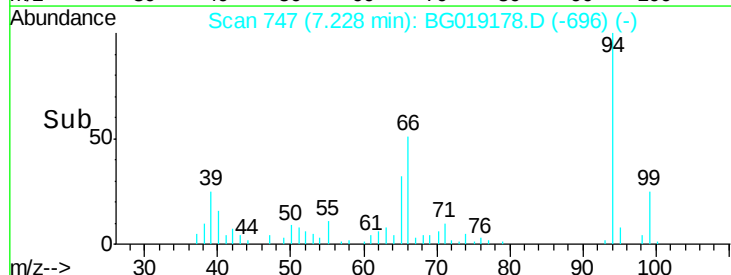
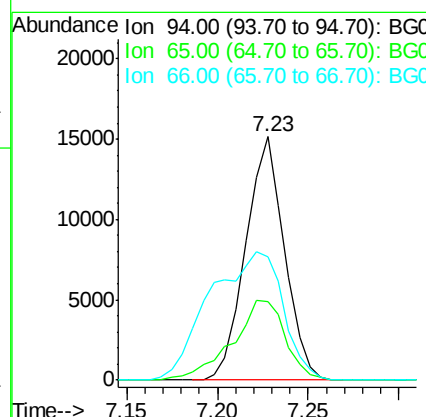
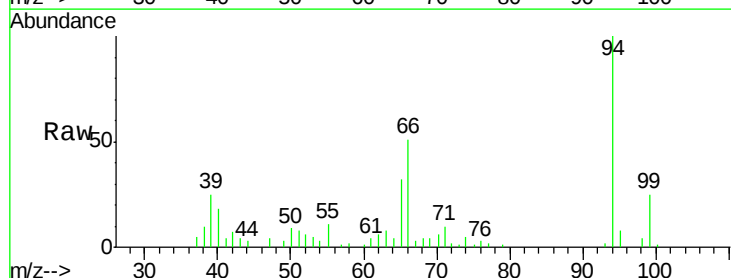
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2015-02

Tot Ion: 77 Resp: 13748
Ion Ratio Lower Upper
77 100
105 97.6 73.7 113.7
106 95.5 71.0 111.0



#10
Phenol
Concen: 16.97 ng
RT: 7.23 min Scan# 747
Delta R.T. -0.00 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

Tgt Ion: 94 Resp: 22387
Ion Ratio Lower Upper
94 100
65 32.2 15.2 55.2
66 50.6 28.7 68.7

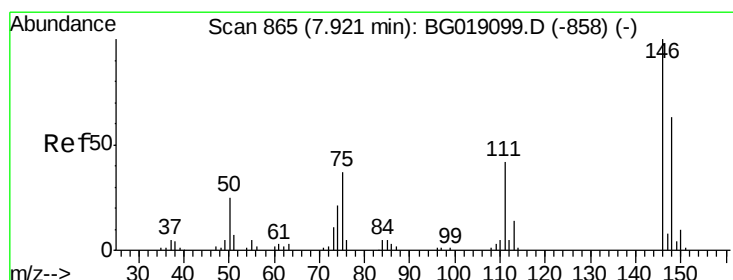
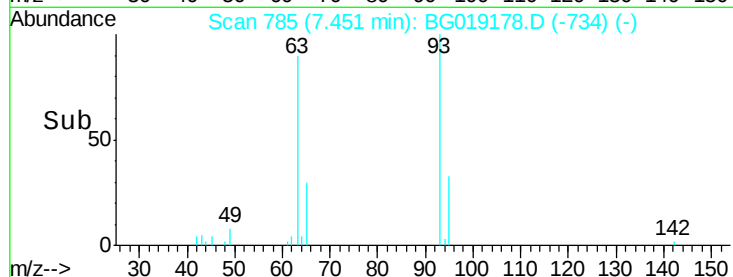
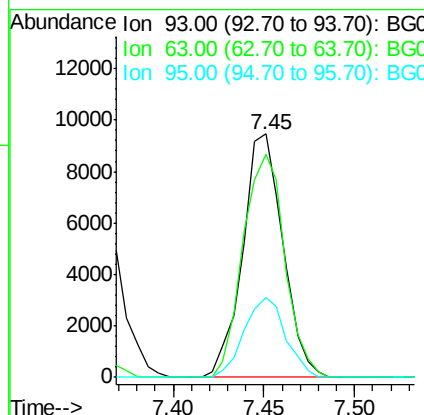
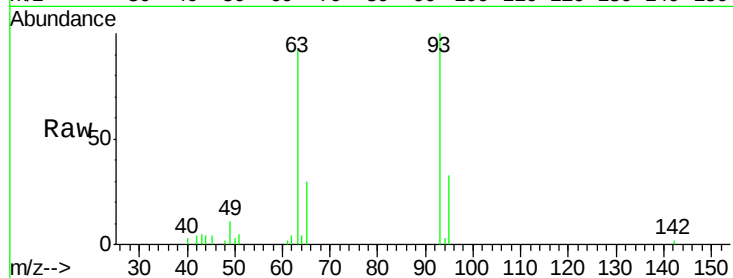




#11
bis(2-Chloroethyl)ether
Concen: 14.68 ng
RT: 7.45 min Scan# 785
Delta R.T. -0.00 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

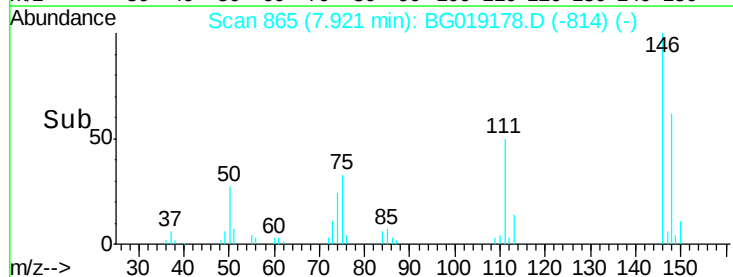
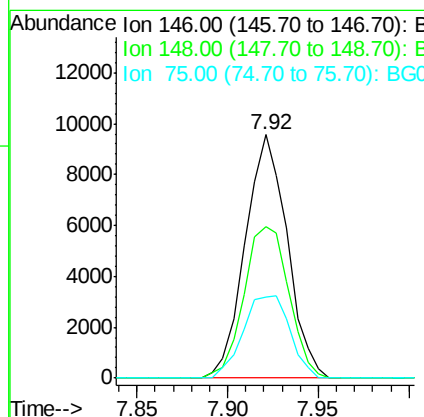
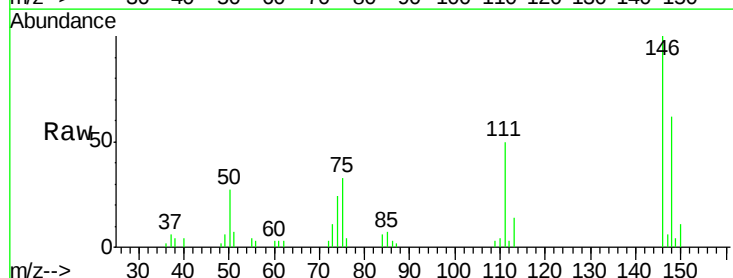
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2015-02

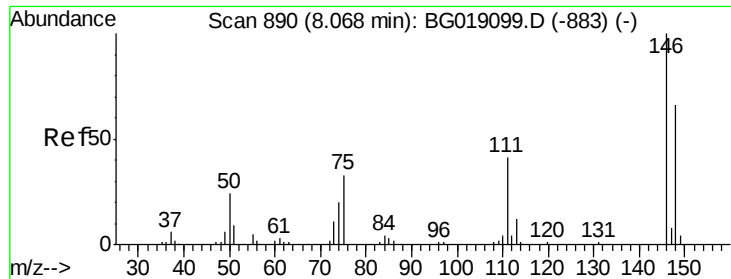
Tot Ion: 93 Resp: 14637
Ion Ratio Lower Upper
93 100
63 91.6 75.3 115.3
95 32.9 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 13.59 ng
RT: 7.92 min Scan# 865
Delta R.T. -0.00 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

Tgt Ion: 146 Resp: 15352
Ion Ratio Lower Upper
146 100
148 62.0 50.2 75.4
75 33.2 29.3 43.9

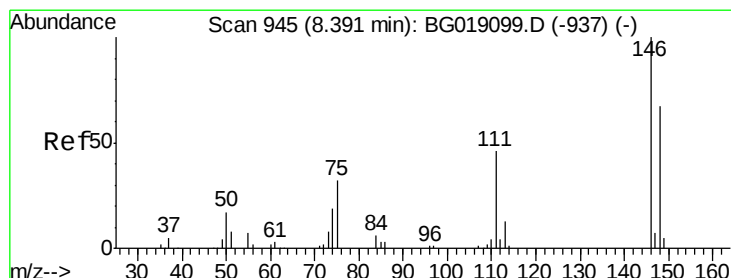
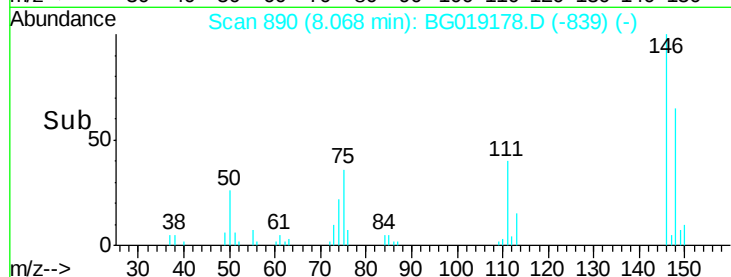
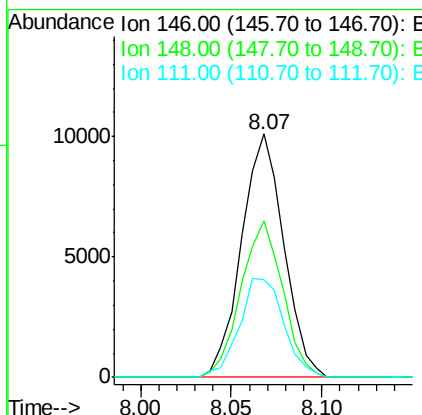
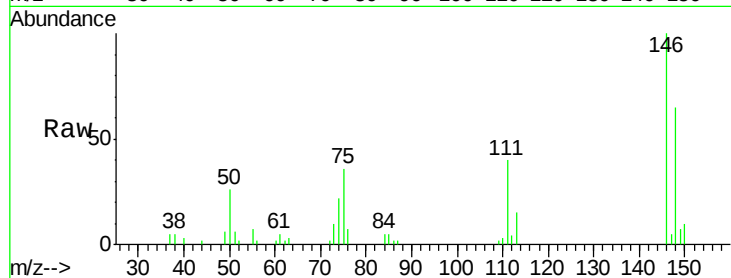




#13
 1,4-Dichlorobenzene
 Concen: 14.20 ng
 RT: 8.07 min Scan# 890
 Delta R.T. -0.00 min
 Lab File: BG019178.D
 Acq: 13 Oct 2015 4:04

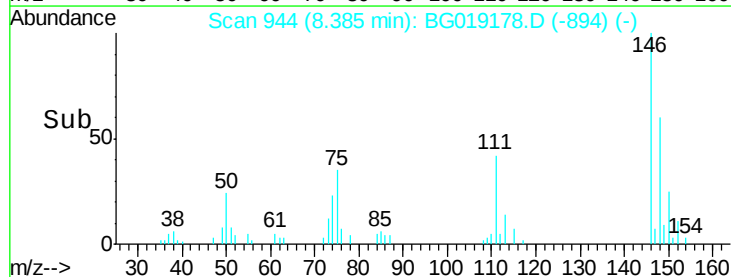
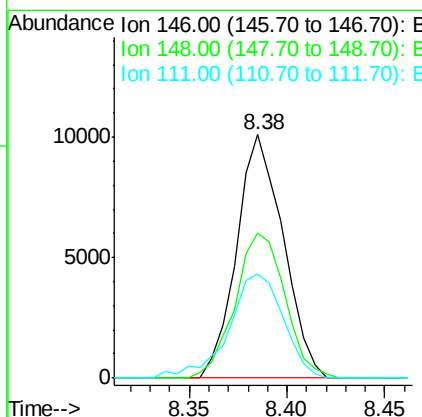
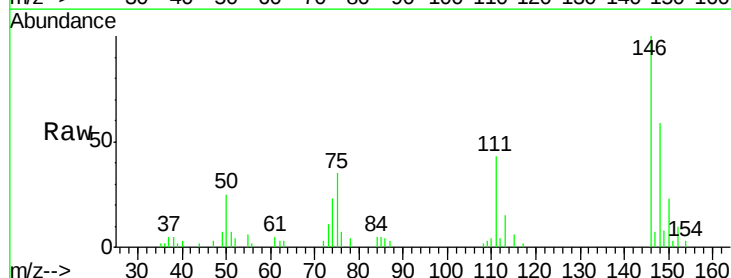
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2015-02

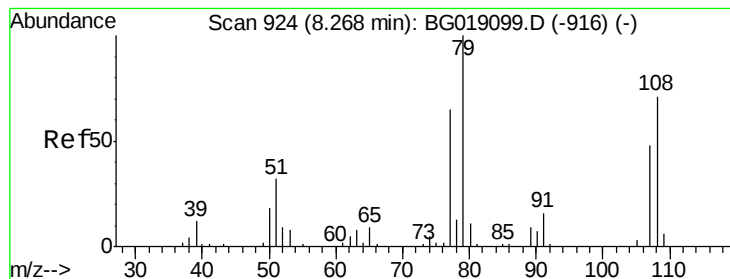
Tot Ion:146 Resp: 16419
 Ion Ratio Lower Upper
 146 100
 148 64.5 52.9 79.3
 111 39.9 33.1 49.7



#14
 1,2-Dichlorobenzene
 Concen: 14.89 ng
 RT: 8.38 min Scan# 944
 Delta R.T. -0.01 min
 Lab File: BG019178.D
 Acq: 13 Oct 2015 4:04

Tgt Ion:146 Resp: 16654
 Ion Ratio Lower Upper
 146 100
 148 59.4 53.6 80.4
 111 42.6 37.3 55.9





#15

Benzyl Alcohol

Concen: 15.84 ng

RT: 8.27 min Scan# 924

Delta R.T. -0.01 min

Lab File: BG019178.D

Acq: 13 Oct 2015 4:04

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2015-02

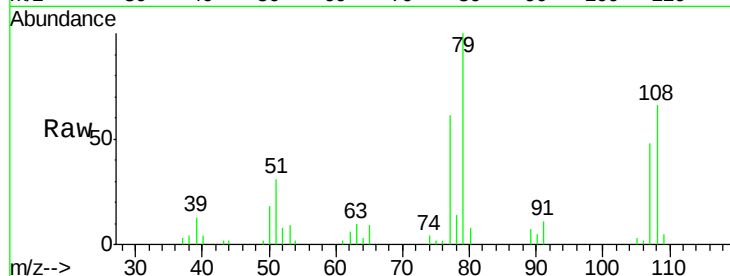
Tot Ion: 79 Resp: 17928

Ion Ratio Lower Upper

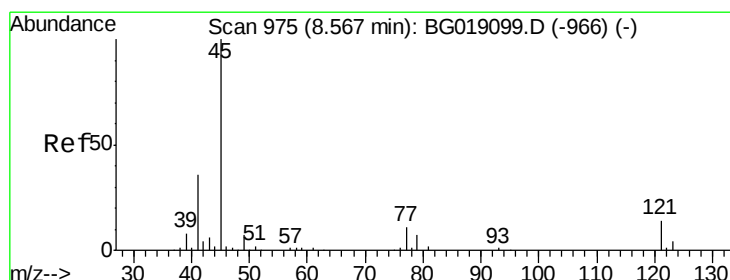
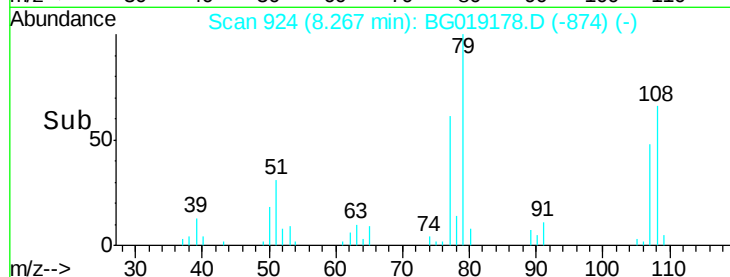
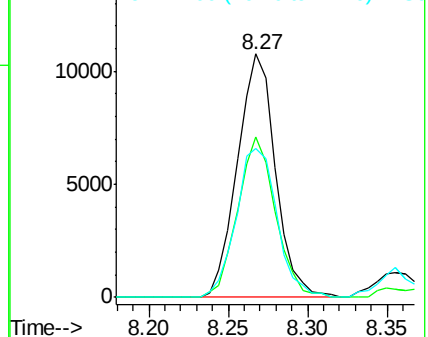
79 100

108 66.0 56.6 84.8

77 61.1 51.6 77.4



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: 15.67 ng

RT: 8.56 min Scan# 974

Delta R.T. -0.01 min

Lab File: BG019178.D

Acq: 13 Oct 2015 4:04

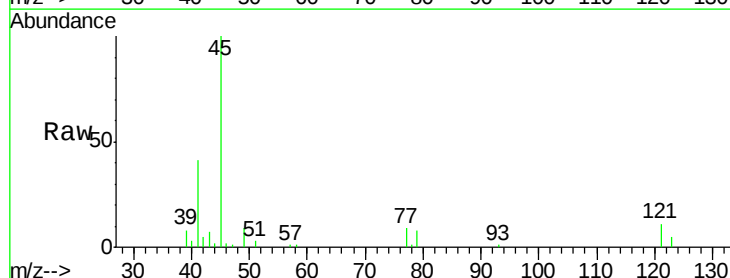
Tgt Ion: 45 Resp: 33465

Ion Ratio Lower Upper

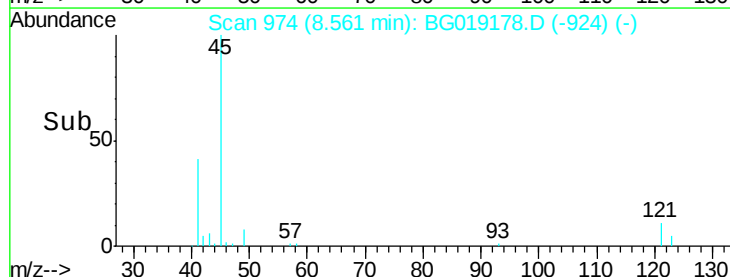
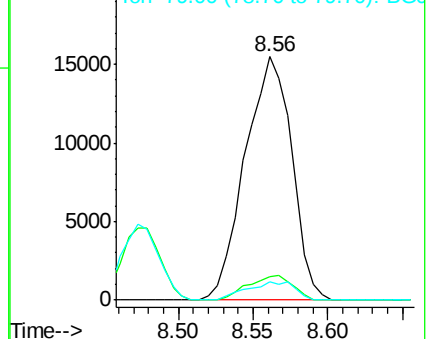
45 100

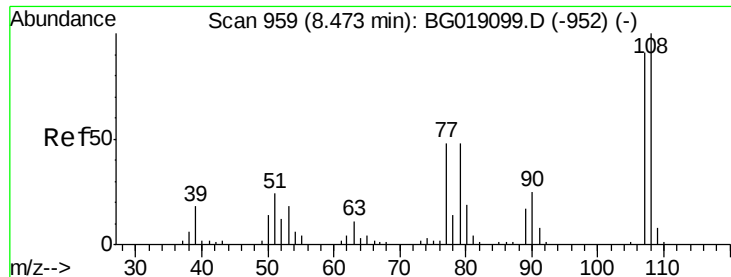
77 9.4 0.0 30.8

79 7.6 0.0 27.5



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

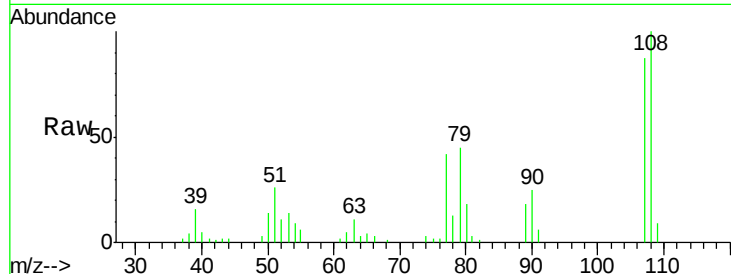




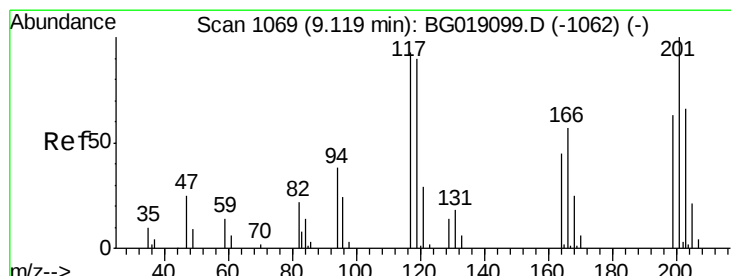
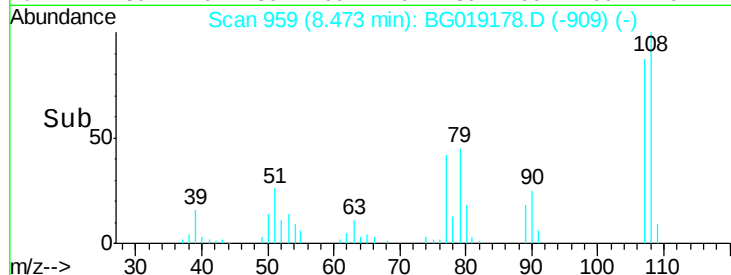
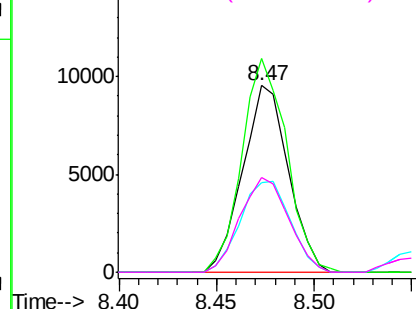
#17
2-Methylphenol
Concen: 16.39 ng
RT: 8.47 min Scan# 959
Delta R.T. -0.01 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2015-02

Tot Ion:107 Resp: 15442
Ion Ratio Lower Upper
107 100
108 114.5 87.7 131.5
77 48.2 42.2 63.2
79 51.1 42.1 63.1

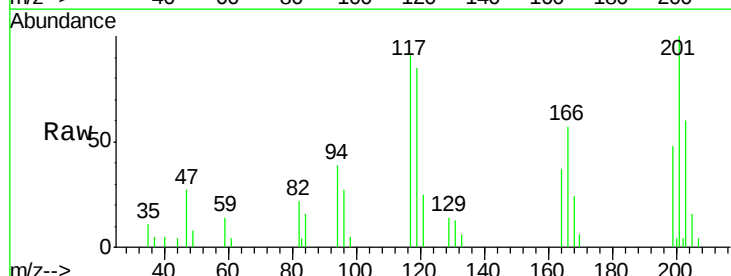


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

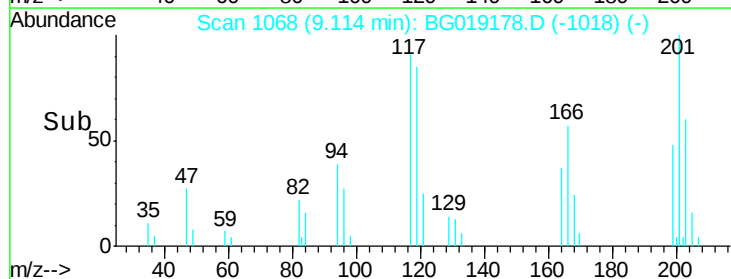
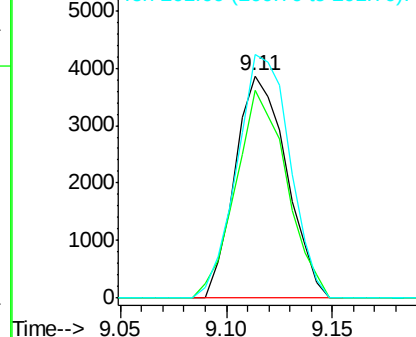


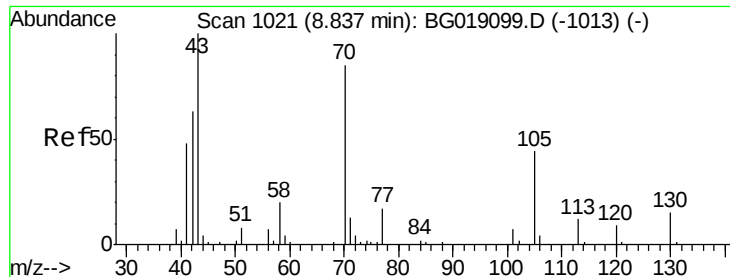
#18
Hexachloroethane
Concen: 14.81 ng
RT: 9.11 min Scan# 1068
Delta R.T. -0.01 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

Tgt Ion:117 Resp: 6525
Ion Ratio Lower Upper
117 100
119 93.3 77.0 115.4
201 109.5 85.6 128.4



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

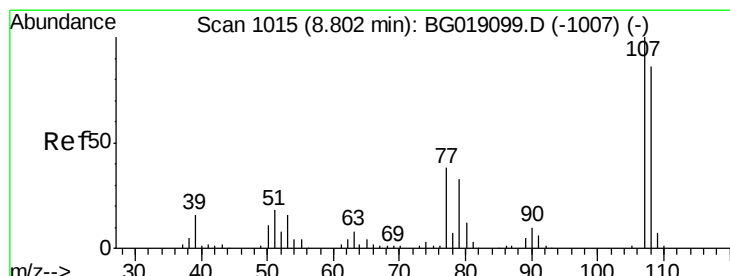
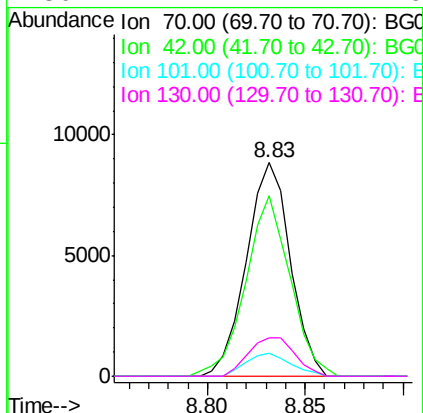
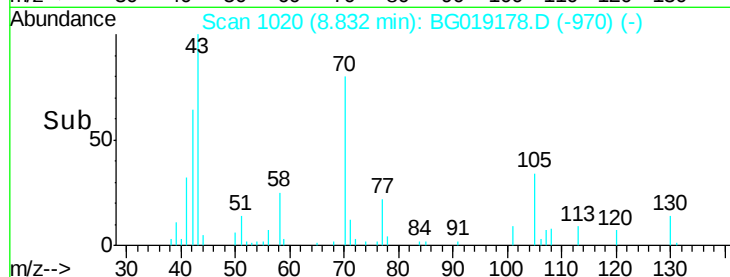
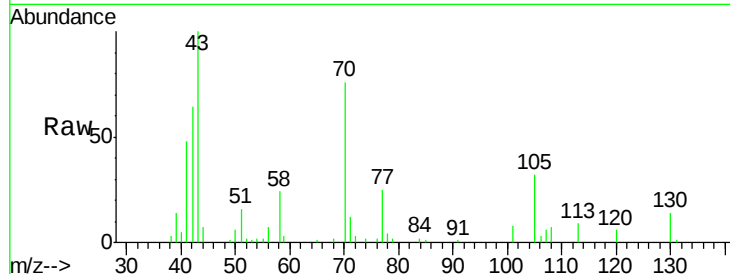




#19
n-Nitroso-di-n-propylamine
Concen: 13.69 ng
RT: 8.83 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

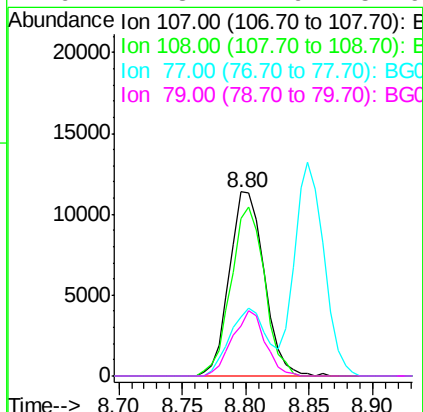
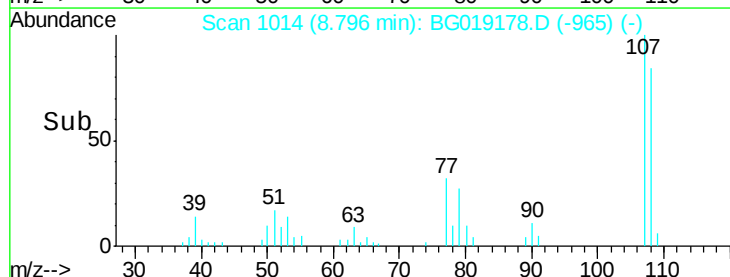
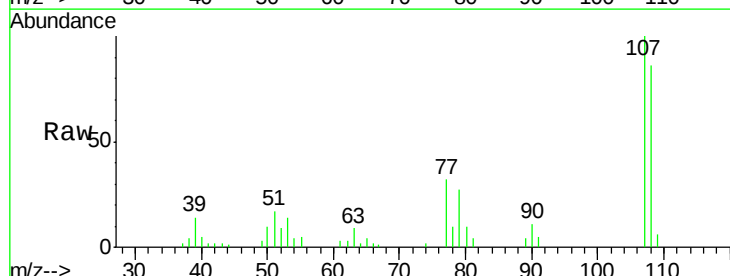
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2015-02

Tot Ion: 70 Resp: 13765
Ion Ratio Lower Upper
70 100
42 84.2 59.8 89.8
101 10.7 7.0 10.4#
130 17.7 14.4 21.6



#20
3+4-Methylphenols
Concen: 15.99 ng
RT: 8.80 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

Tgt Ion: 107 Resp: 21694
Ion Ratio Lower Upper
107 100
108 85.9 66.2 106.2
77 32.4 17.8 57.8
79 27.3 12.9 52.9

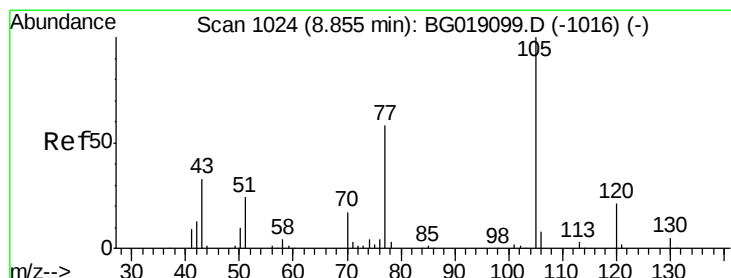
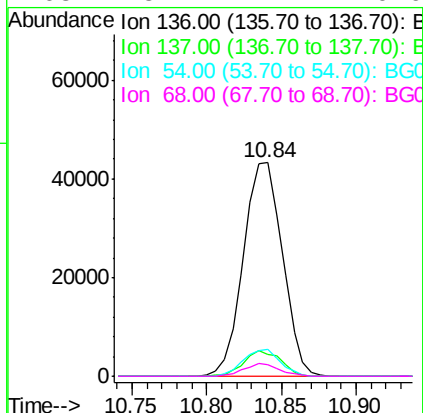
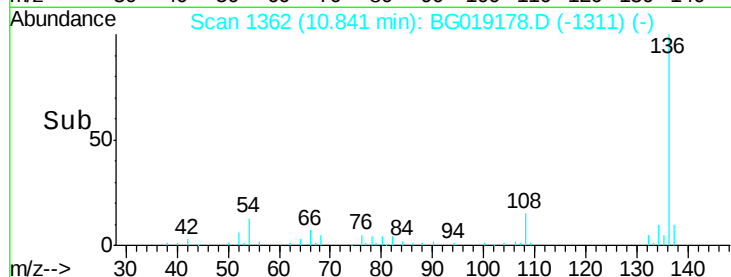
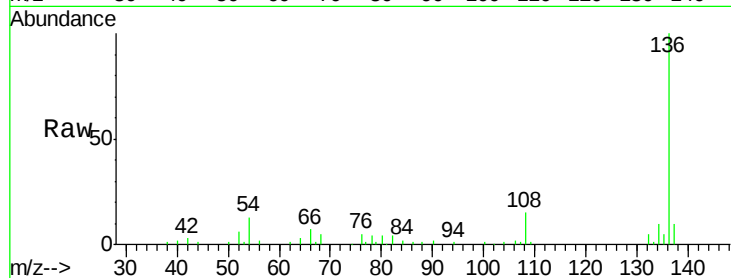




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.84 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

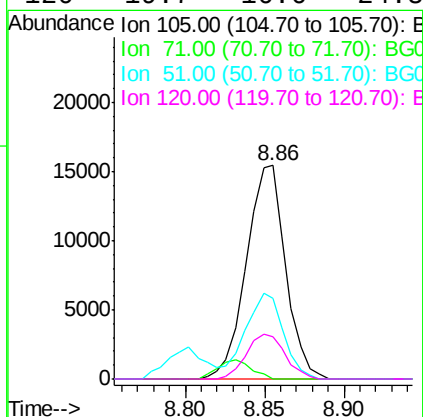
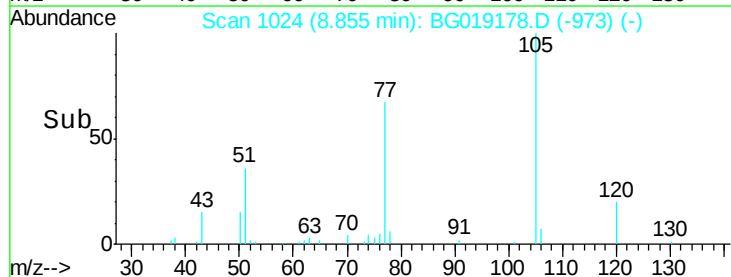
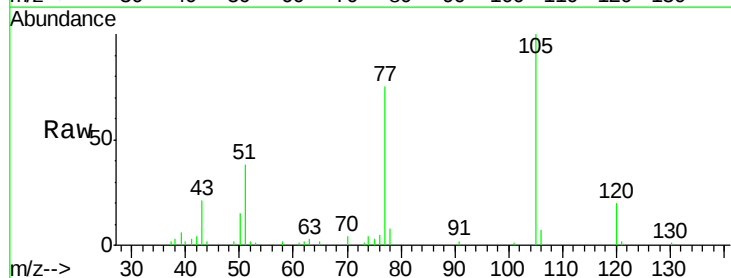
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2015-02

Tot Ion:136	Resp:	78417
Ion Ratio	Lower	Upper
136	100	
137	10.5	9.0 13.4
54	12.8	10.1 15.1
68	5.4	4.4 6.6



#22
Acetophenone
Concen: 14.48 ng
RT: 8.86 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

Tgt Ion:105	Resp:	26551
Ion Ratio	Lower	Upper
105	100	
71	0.0	2.2 3.2#
51	37.8	29.2 43.8
120	19.7	16.6 24.8

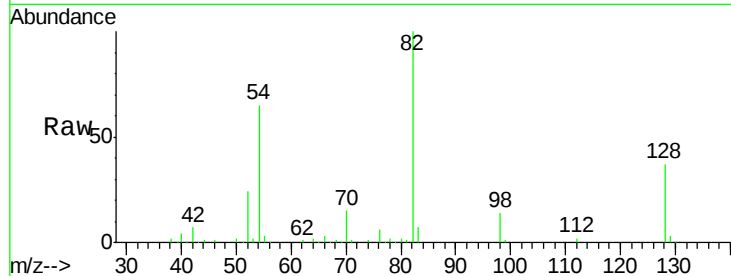




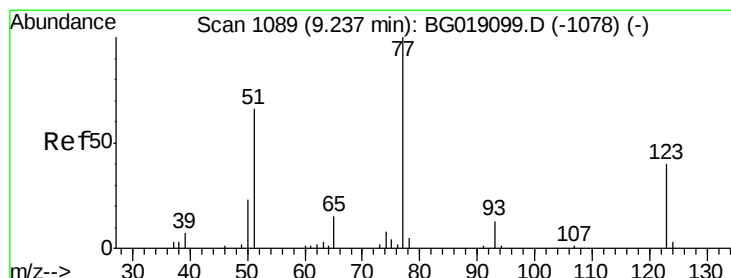
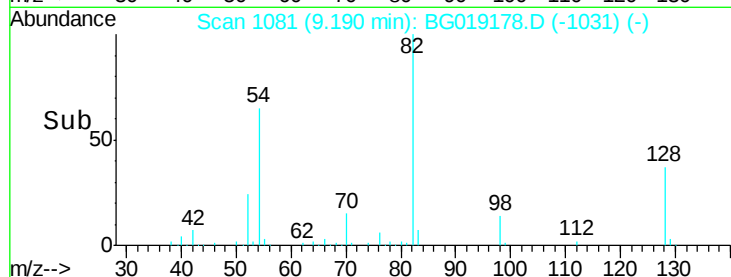
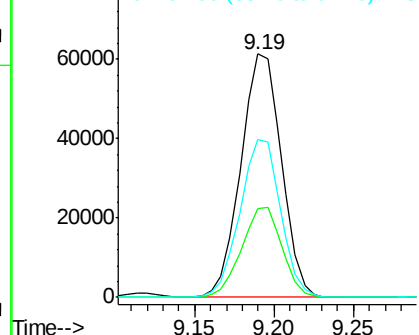
#23
Nitrobenzene-d5
Concen: 76.98 ng
RT: 9.19 min Scan# 1081
Delta R.T. -0.01 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2015-02

Tot Ion	82	Resp	109258
Ion Ratio	100	Lower	Upper
128	36.6	31.4	47.2
54	64.7	50.0	75.0

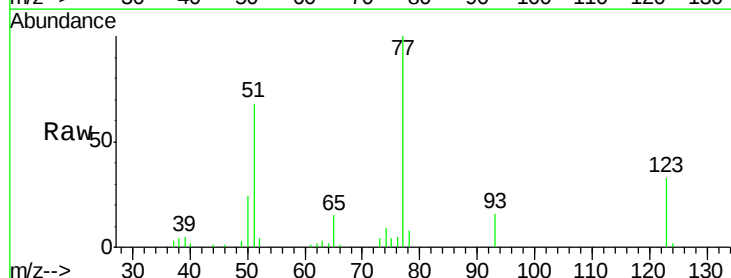


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

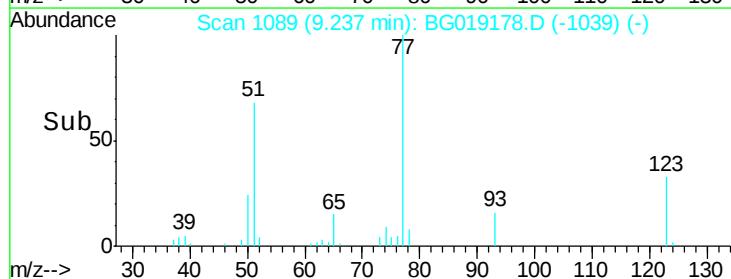
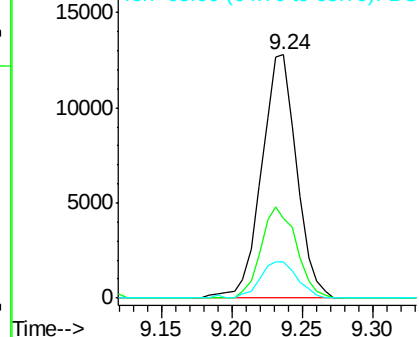


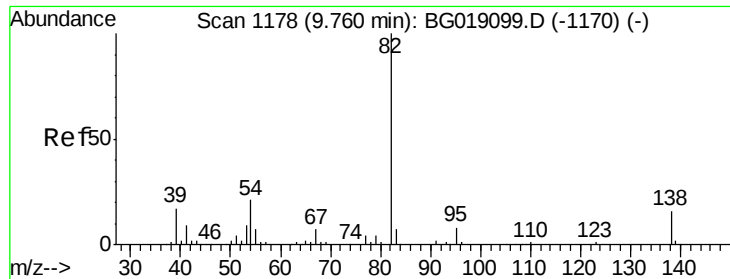
#24
Nitrobenzene
Concen: 14.80 ng
RT: 9.24 min Scan# 1089
Delta R.T. -0.01 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

Tgt Ion	77	Resp	22279
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
123	32.6	31.8	47.6
65	14.7	11.8	17.6



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





#25

Isophorone

Concen: 13.61 ng

RT: 9.75 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BG019178.D

Acq: 13 Oct 2015 4:04

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2015-02

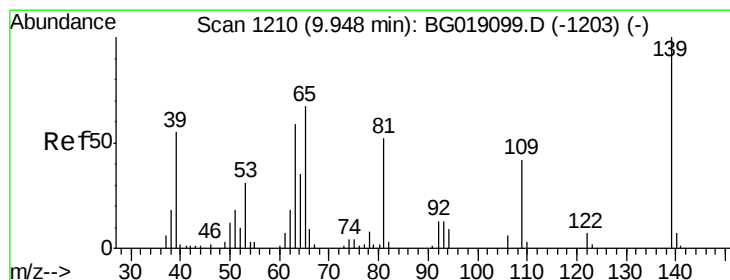
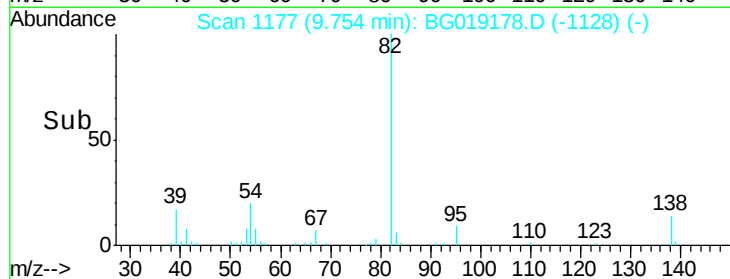
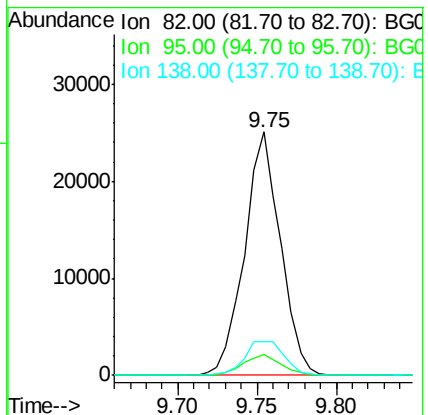
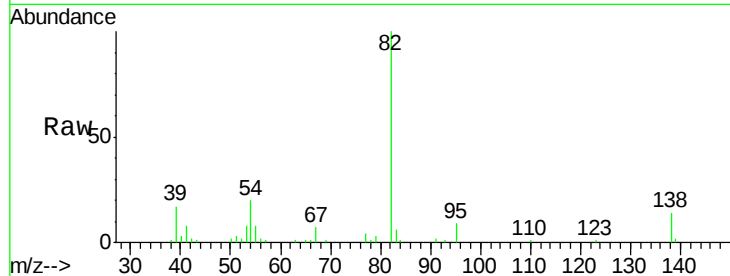
Tot Ion: 82 Resp: 39301

Ion Ratio Lower Upper

82 100

95 8.5 6.7 10.1

138 14.0 12.6 19.0



#26

2-Nitrophenol

Concen: 13.82 ng

RT: 9.94 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BG019178.D

Acq: 13 Oct 2015 4:04

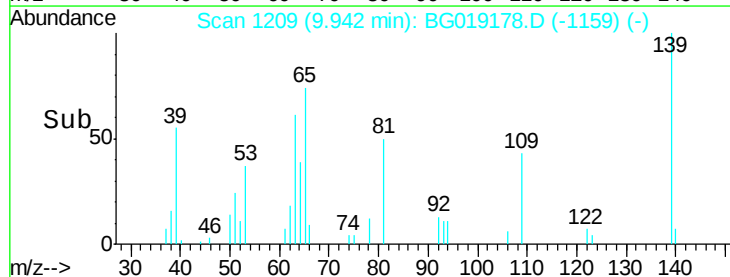
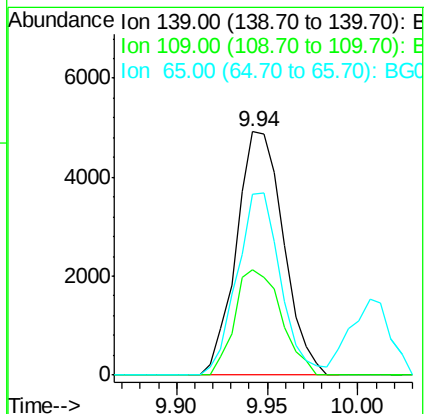
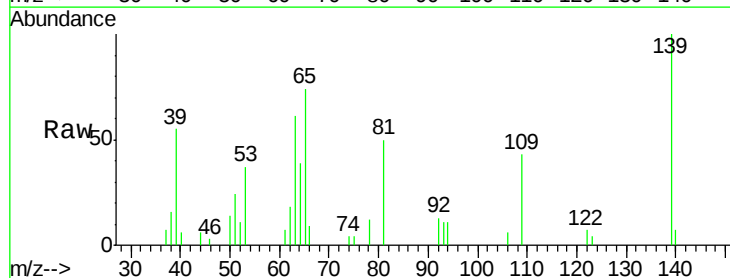
Tgt Ion: 139 Resp: 8875

Ion Ratio Lower Upper

139 100

109 43.1 33.3 49.9

65 74.5 53.6 80.4

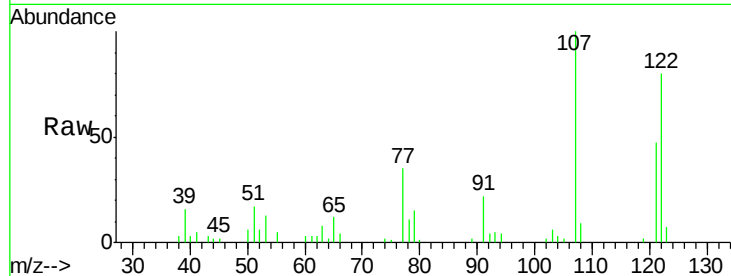




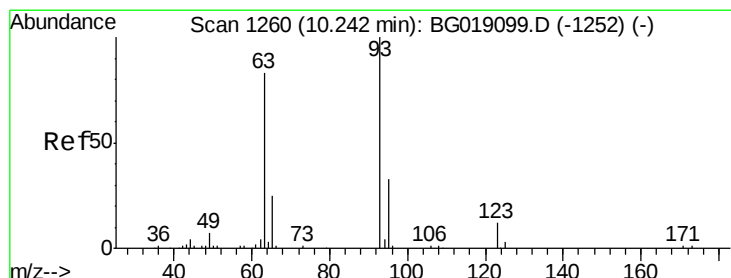
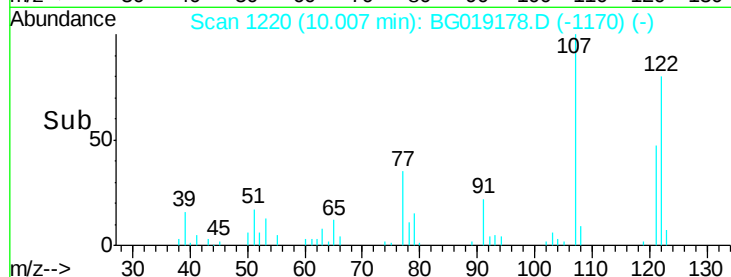
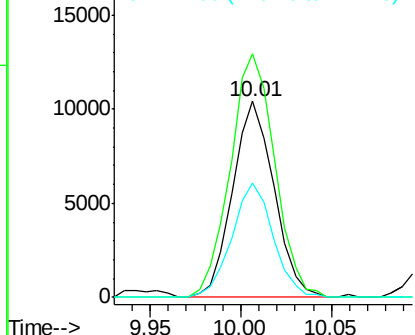
#27
 2,4-Dimethylphenol
 Concen: 14.71 ng
 RT: 10.01 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BG019178.D
 Acq: 13 Oct 2015 4:04

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2015-02

Tot Ion:122 Resp: 16504
 Ion Ratio Lower Upper
 122 100
 107 124.4 105.1 157.7
 121 58.5 48.7 73.1

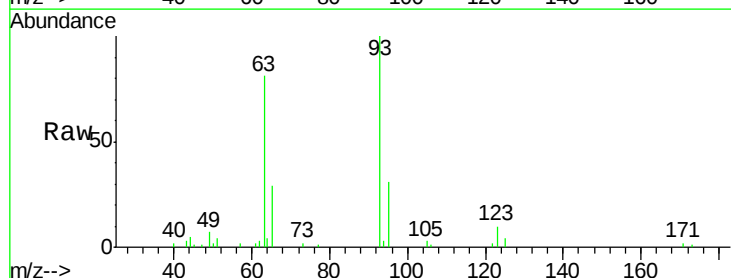


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

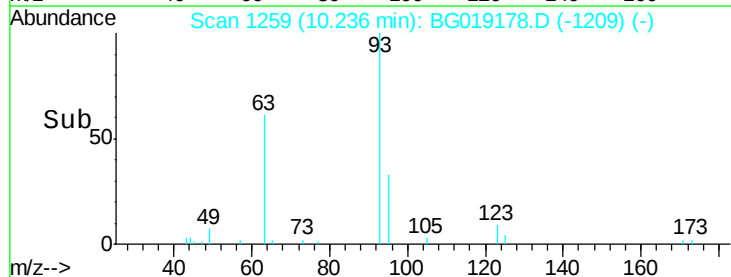
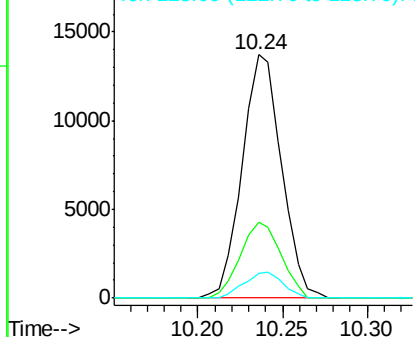


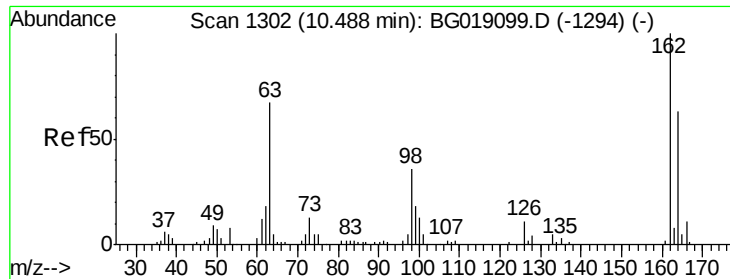
#28
 bis(2-Chloroethoxy)methane
 Concen: 14.45 ng
 RT: 10.24 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: BG019178.D
 Acq: 13 Oct 2015 4:04

Tgt Ion: 93 Resp: 22253
 Ion Ratio Lower Upper
 93 100
 95 31.3 26.5 39.7
 123 10.3 9.4 14.2



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

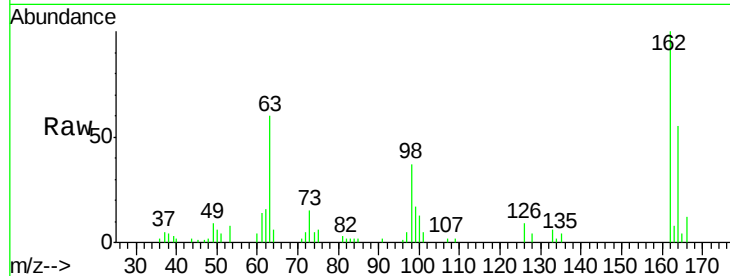




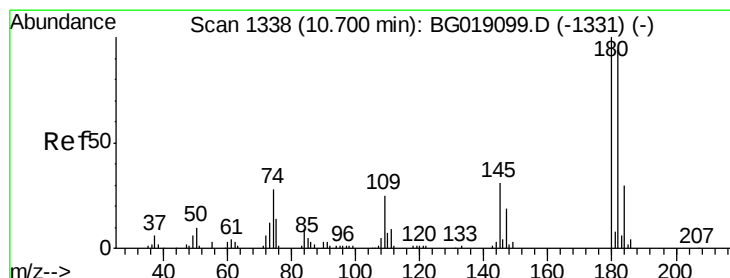
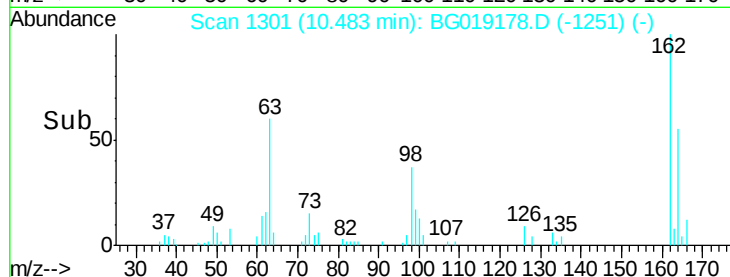
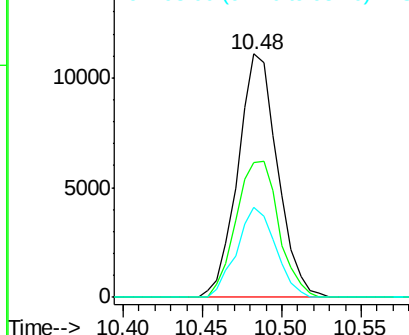
#29
 2,4-Dichlorophenol
 Concen: 16.36 ng
 RT: 10.48 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: BG019178.D
 Acq: 13 Oct 2015 4:04

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2015-02

Tot Ion	Ratio	Lower	Upper
162	100		
164	55.4	42.8	82.8
98	37.0	16.1	56.1

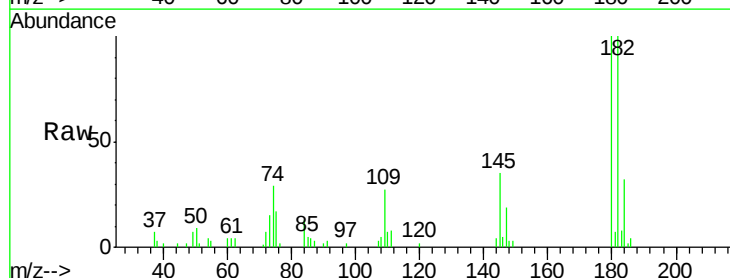


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

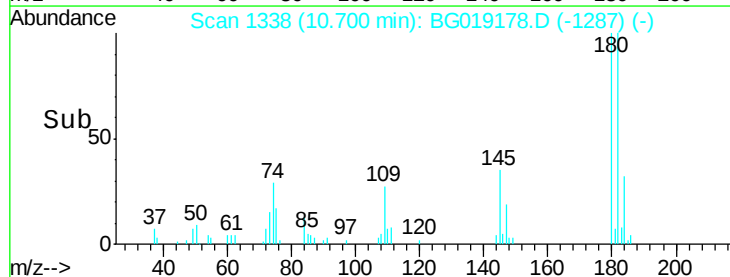
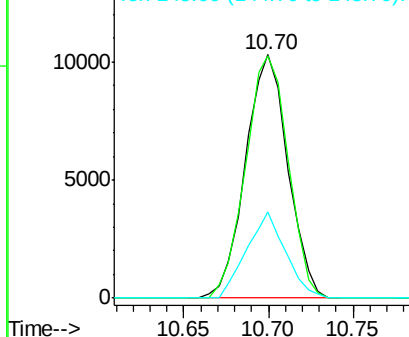


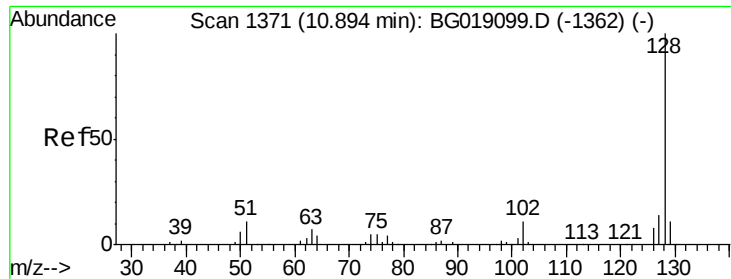
#30
 1,2,4-Trichlorobenzene
 Concen: 14.18 ng
 RT: 10.70 min Scan# 1338
 Delta R.T. -0.00 min
 Lab File: BG019178.D
 Acq: 13 Oct 2015 4:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.6	75.3	112.9
145	35.3	24.9	37.3



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

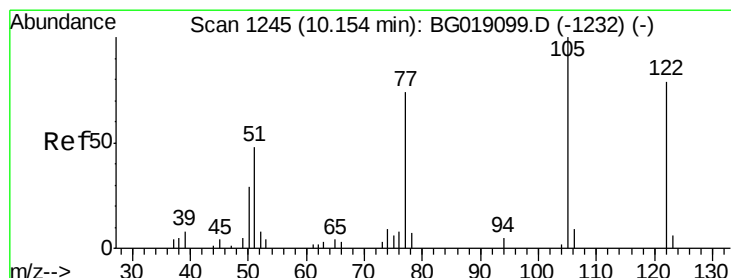
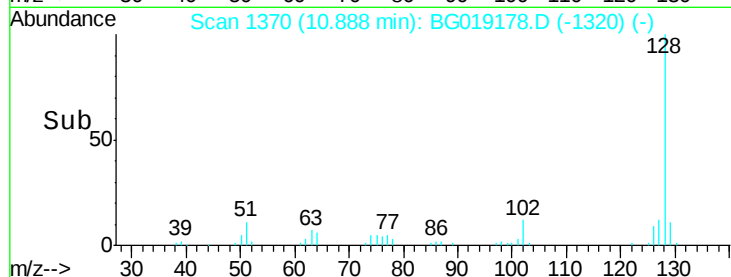
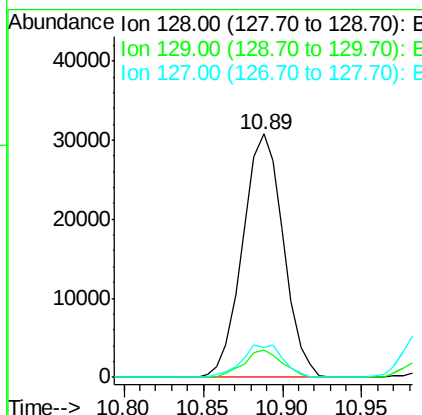
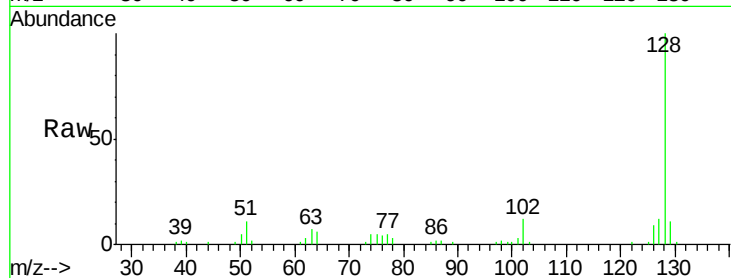




#31
Naphthalene
Concen: 14.53 ng
RT: 10.89 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

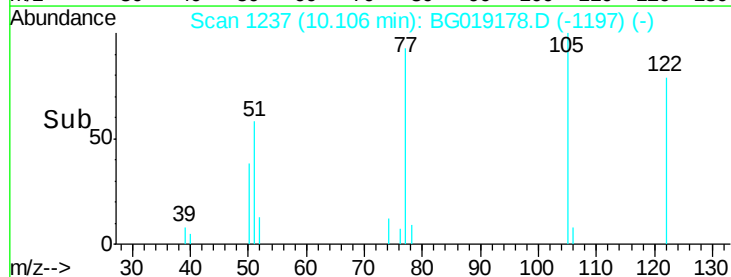
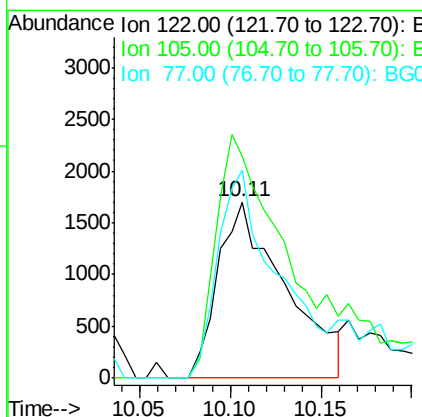
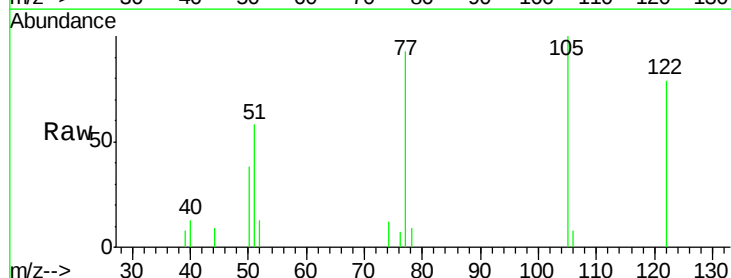
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2015-02

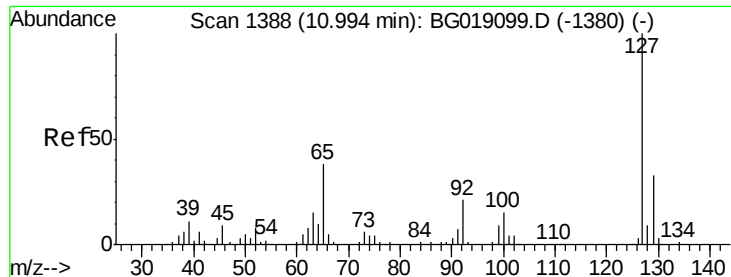
Tot Ion:128 Resp: 54845
Ion Ratio Lower Upper
128 100
129 11.1 8.6 12.8
127 12.3 11.4 17.0



#32
Benzoic acid
Concen: 13.05 ng
RT: 10.11 min Scan# 1237
Delta R.T. -0.06 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

Tgt Ion:122 Resp: 4376
Ion Ratio Lower Upper
122 100
105 126.3 107.0 147.0
77 117.8 73.4 113.4#

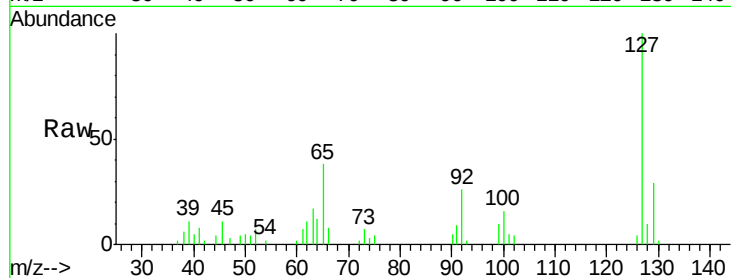




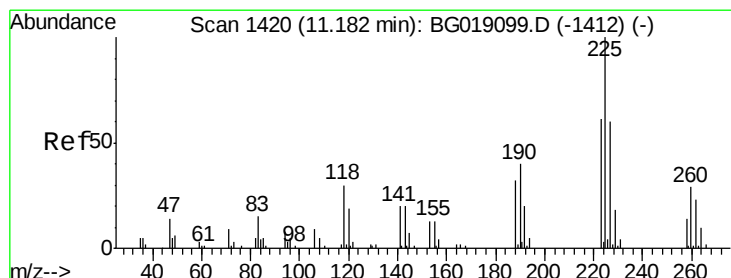
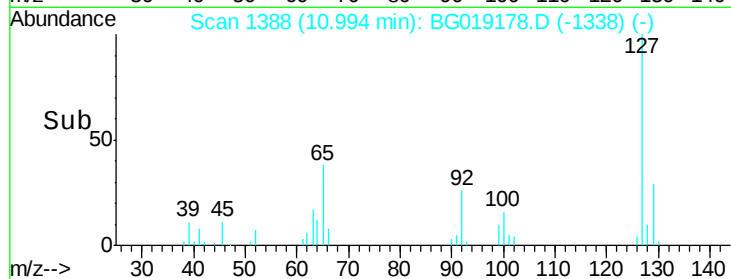
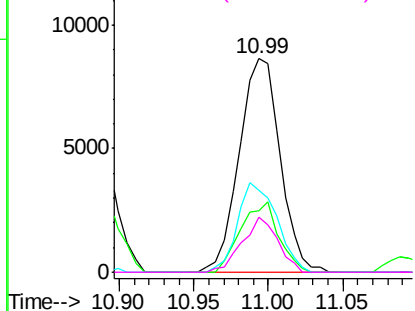
#33
4-Chloroaniline
Concen: 9.37 ng
RT: 10.99 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2015-02

Tot Ion:	127	Resp:	16427
Ion	Ratio	Lower	Upper
127	100		
129	29.0	26.2	39.2
65	38.3	30.4	45.6
92	25.7	16.9	25.3#

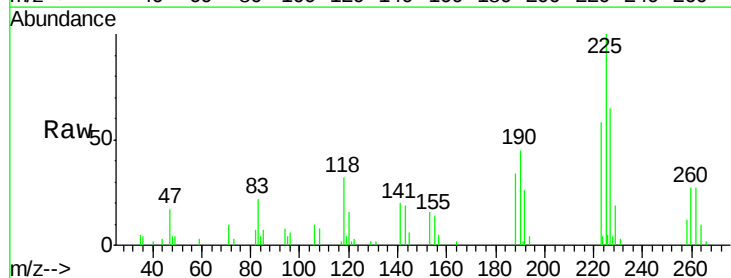


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

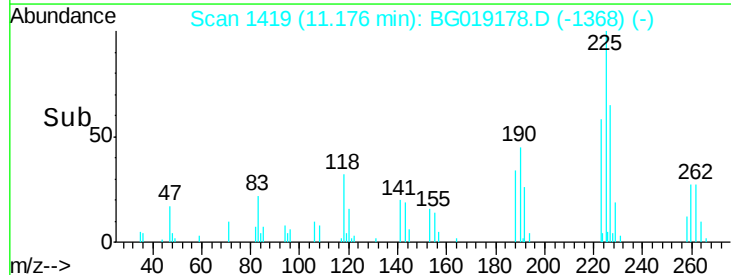
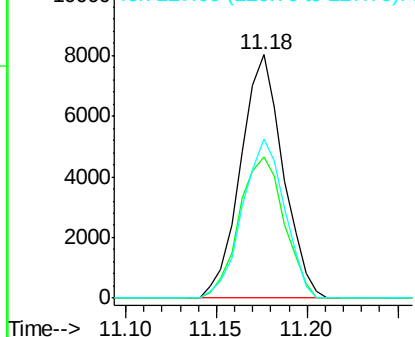


#34
Hexachlorobutadiene
Concen: 15.08 ng
RT: 11.18 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

Tgt Ion:	225	Resp:	13050
Ion	Ratio	Lower	Upper
225	100		
223	57.7	48.6	72.8
227	65.2	48.1	72.1



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: 14.68 ng

RT: 11.75 min Scan# 1516

Delta R.T. -0.05 min

Lab File: BG019178.D

Acq: 13 Oct 2015 4:04

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2015-02

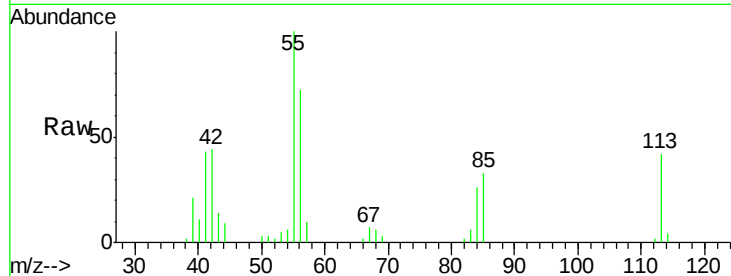
Tot Ion:113 Resp: 6361

Ion Ratio Lower Upper

113 100

55 237.2 263.4 303.4#

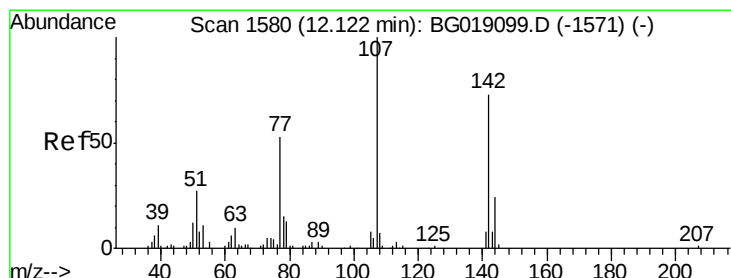
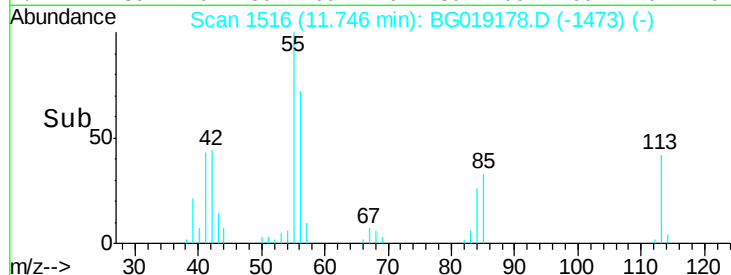
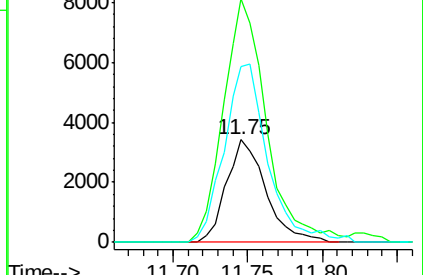
56 171.4 179.0 219.0#



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: 15.24 ng

RT: 12.12 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BG019178.D

Acq: 13 Oct 2015 4:04

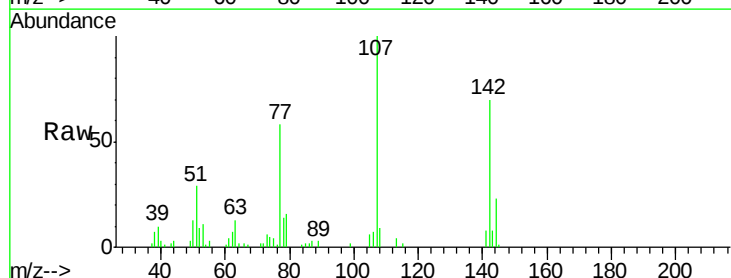
Tgt Ion:107 Resp: 22789

Ion Ratio Lower Upper

107 100

144 22.6 19.0 28.6

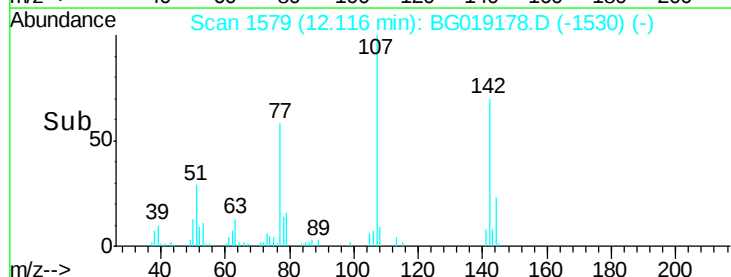
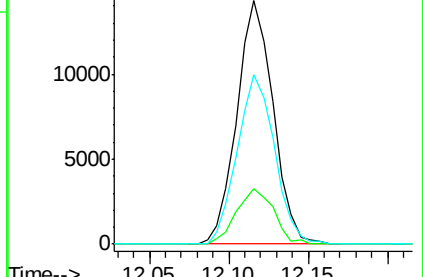
142 69.8 58.5 87.7

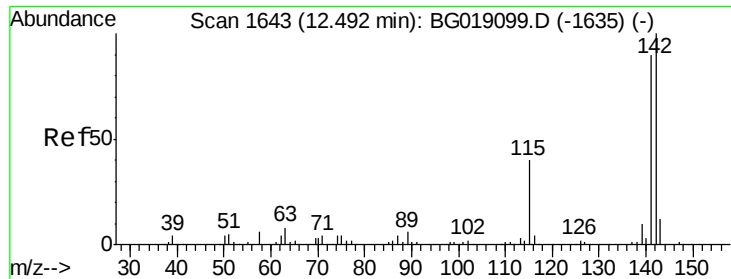


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

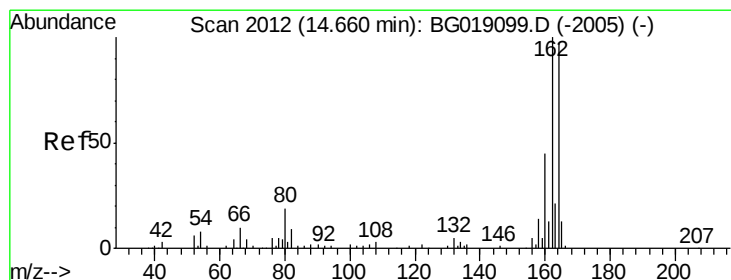
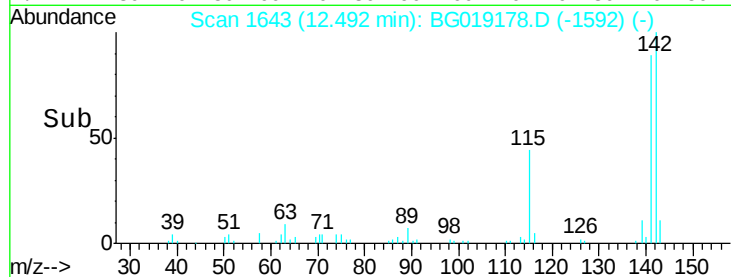
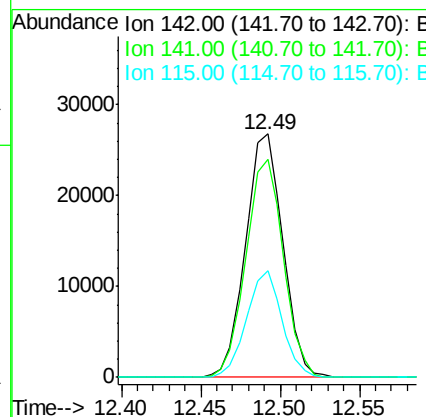
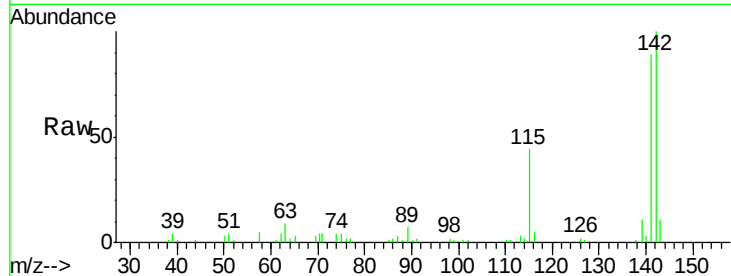




#37
 2-Methylnaphthalene
 Concen: 14.93 ng
 RT: 12.49 min Scan# 1643
 Delta R.T. -0.00 min
 Lab File: BG019178.D
 Acq: 13 Oct 2015 4:04

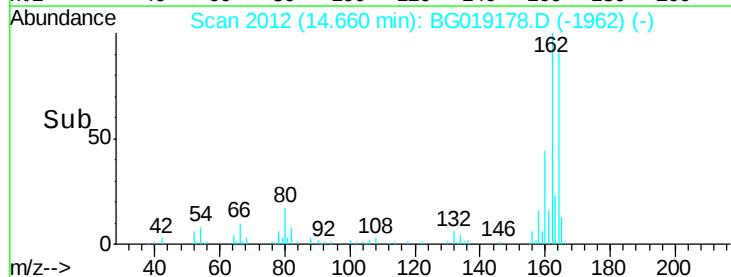
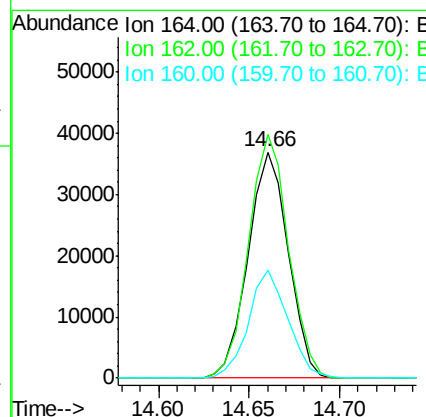
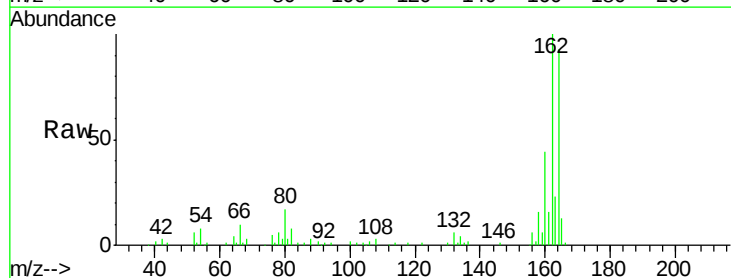
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2015-02

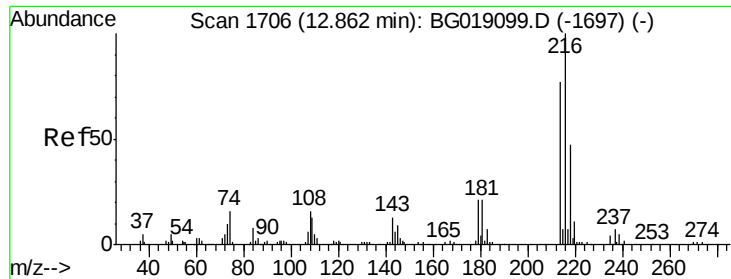
Tot Ion:142 Resp: 43790
 Ion Ratio Lower Upper
 142 100
 141 89.4 72.1 108.1
 115 43.8 31.8 47.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.66 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BG019178.D
 Acq: 13 Oct 2015 4:04

Tgt Ion:164 Resp: 56747
 Ion Ratio Lower Upper
 164 100
 162 107.8 82.6 124.0
 160 47.9 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 14.39 ng

RT: 12.86 min Scan# 1705

Delta R.T. -0.01 min

Lab File: BG019178.D

Acq: 13 Oct 2015 4:04

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2015-02

Tot Ion:216 Resp: 23472

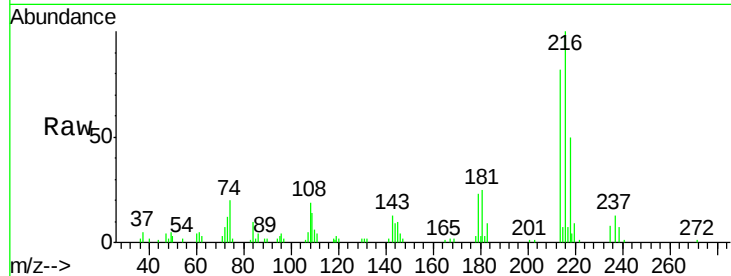
Ion Ratio Lower Upper

216 100

214 79.2 64.0 96.0

179 21.6 16.9 25.3

108 18.1 14.7 22.1

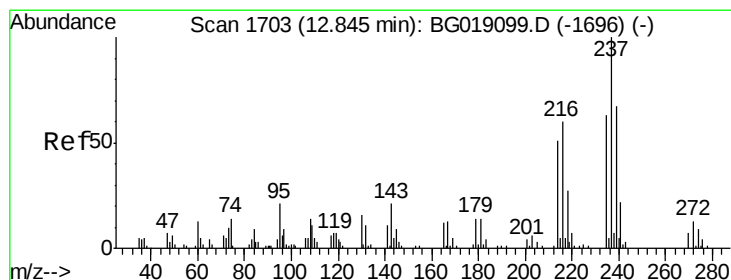
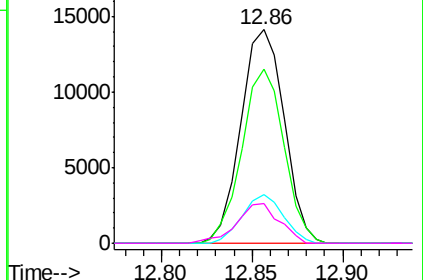
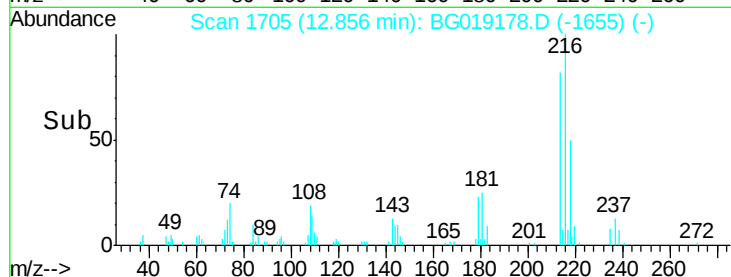


Abundance Ion 216.00 (215.70 to 216.70): E

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: 13.97 ng

RT: 12.84 min Scan# 1702

Delta R.T. -0.01 min

Lab File: BG019178.D

Acq: 13 Oct 2015 4:04

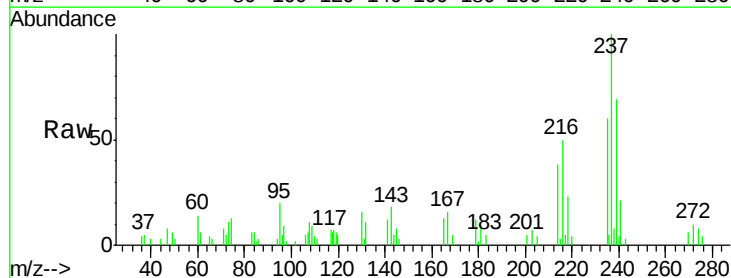
Tgt Ion:237 Resp: 11848

Ion Ratio Lower Upper

237 100

235 60.0 43.2 83.2

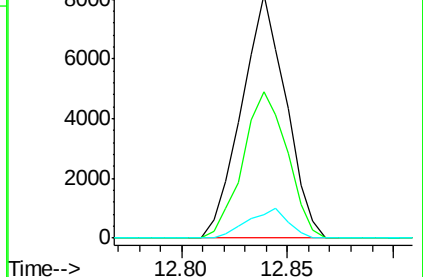
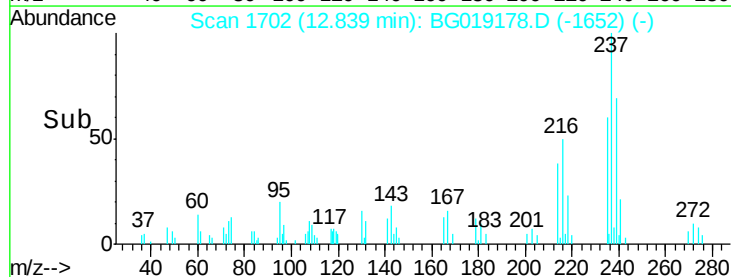
272 9.5 0.0 33.2



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

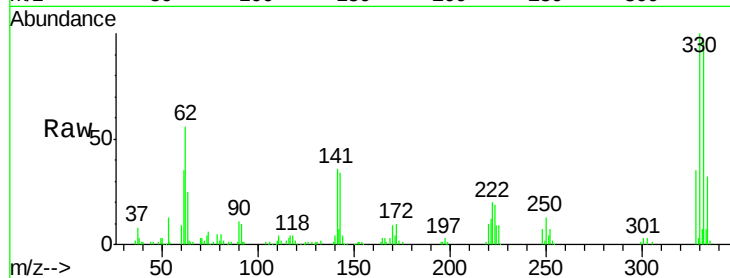




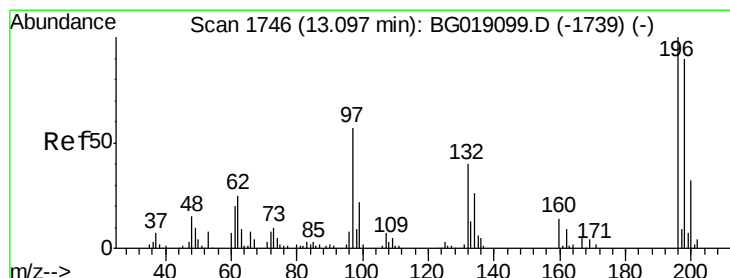
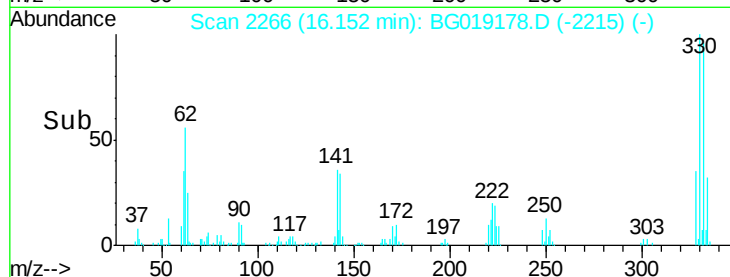
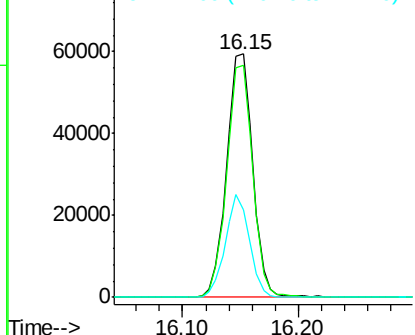
#41
 2,4,6-Tribromophenol
 Concen: 120.29 ng
 RT: 16.15 min Scan# 2266
 Delta R.T. -0.00 min
 Lab File: BG019178.D
 Acq: 13 Oct 2015 4:04

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2015-02

Tot Ion:330 Resp: 93022
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.3 115.9
 141 39.0 30.7 46.1

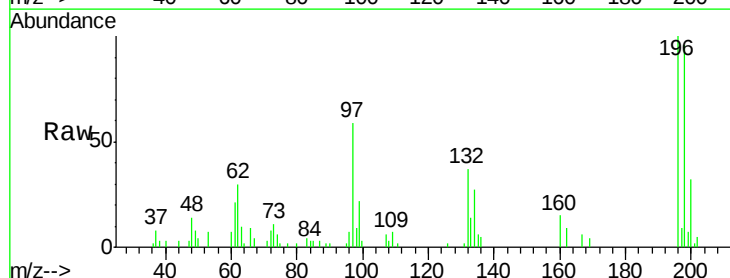


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

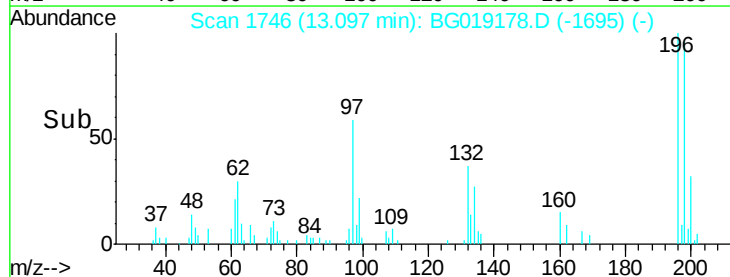
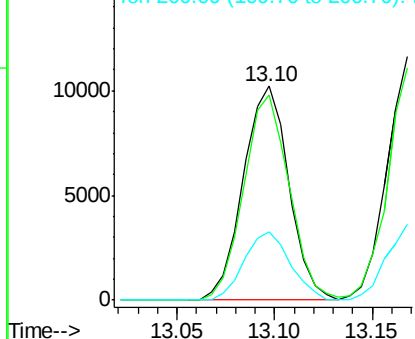


#42
 2,4,6-Trichlorophenol
 Concen: 14.54 ng
 RT: 13.10 min Scan# 1746
 Delta R.T. -0.00 min
 Lab File: BG019178.D
 Acq: 13 Oct 2015 4:04

Tgt Ion:196 Resp: 16509
 Ion Ratio Lower Upper
 196 100
 198 96.2 72.0 108.0
 200 31.8 25.5 38.3



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

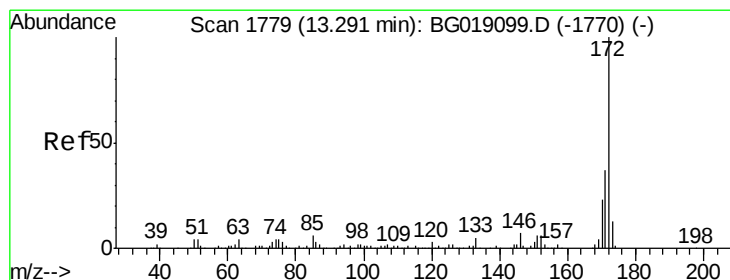
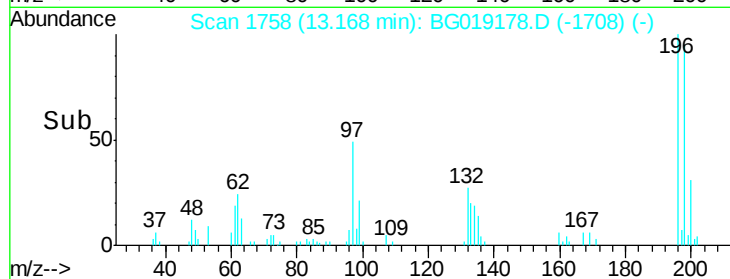
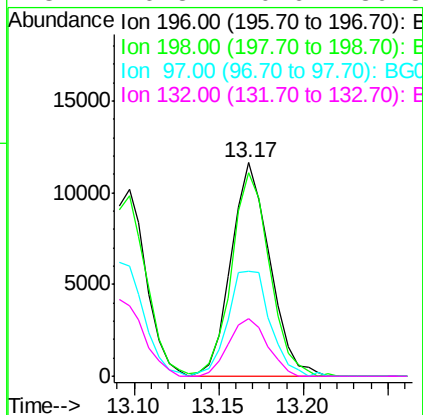
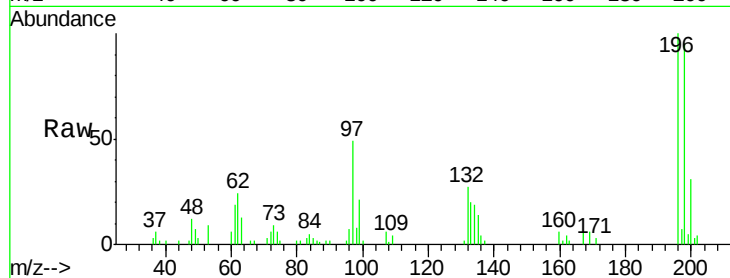




#43
 2,4,5-Trichlorophenol
 Concen: 15.36 ng
 RT: 13.17 min Scan# 1758
 Delta R.T. -0.01 min
 Lab File: BG019178.D
 Acq: 13 Oct 2015 4:04

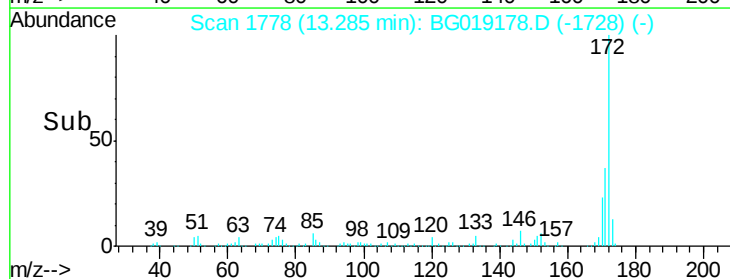
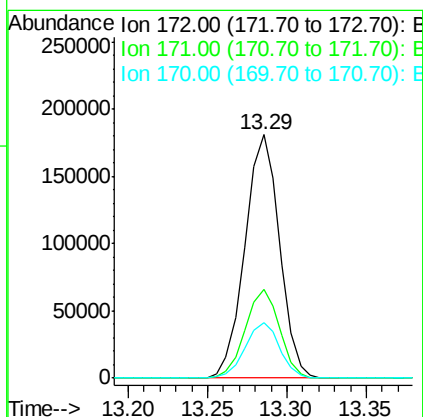
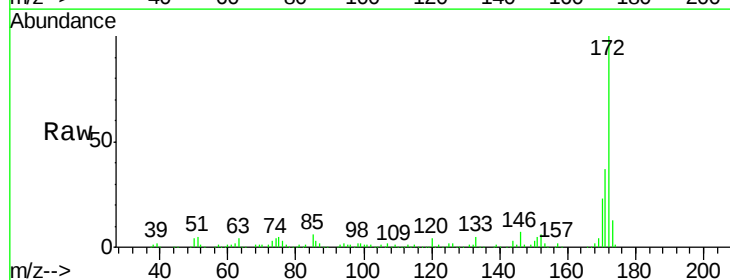
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2015-02

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.1	77.7	116.5
97	49.0	41.4	62.2
132	26.8	20.6	30.8



#44
 2-Fluorobiphenyl
 Concen: 74.23 ng
 RT: 13.29 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BG019178.D
 Acq: 13 Oct 2015 4:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.9	44.9
170	22.8	18.6	27.8

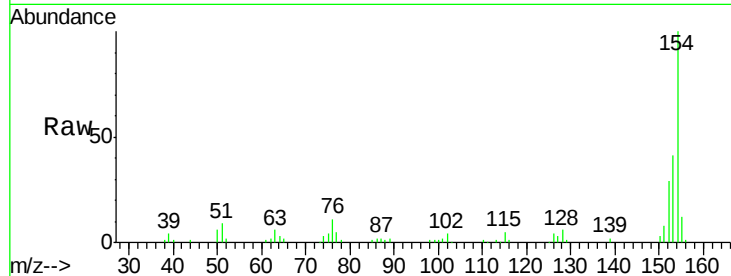




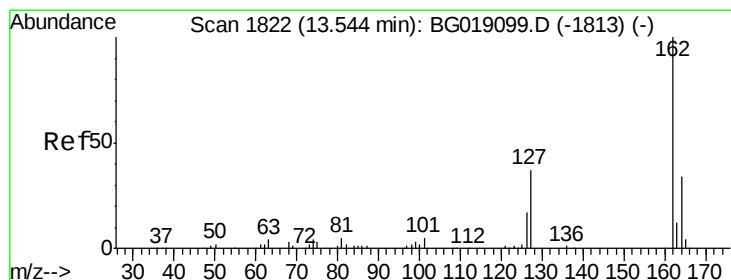
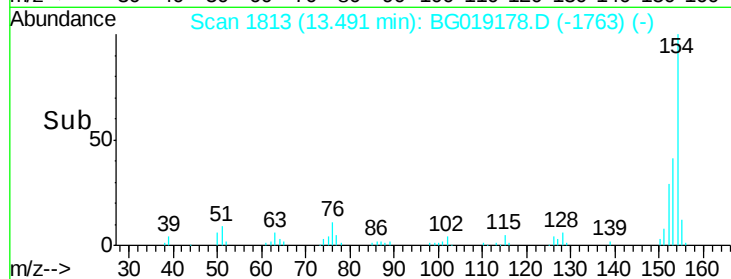
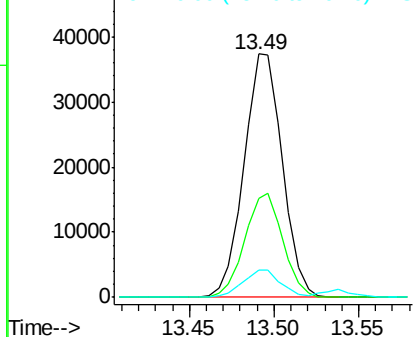
#45
 1,1'-Biphenyl
 Concen: 14.28 ng
 RT: 13.49 min Scan# 1813
 Delta R.T. -0.01 min
 Lab File: BG019178.D
 Acq: 13 Oct 2015 4:04

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2015-02

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.6	60.6
76	11.1	0.0	32.2

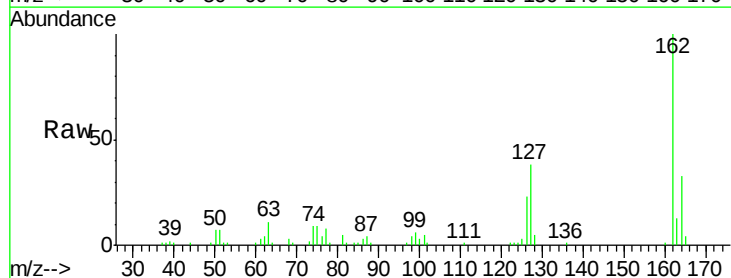


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

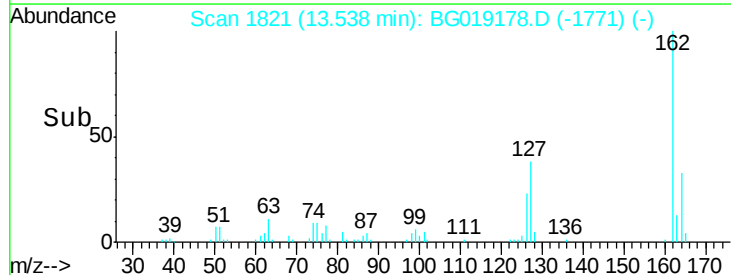
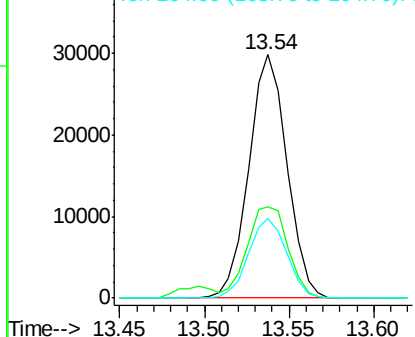


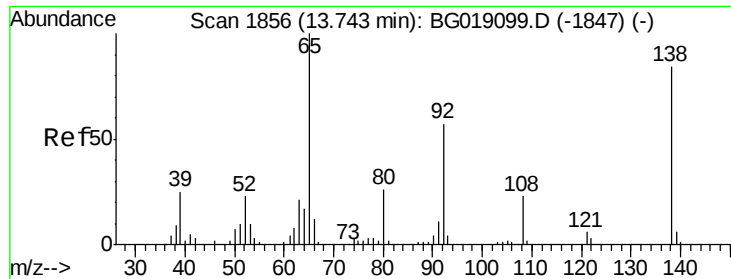
#46
 2-Chloronaphthalene
 Concen: 14.78 ng
 RT: 13.54 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BG019178.D
 Acq: 13 Oct 2015 4:04

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.8	32.2	48.4
164	33.0	27.3	40.9



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

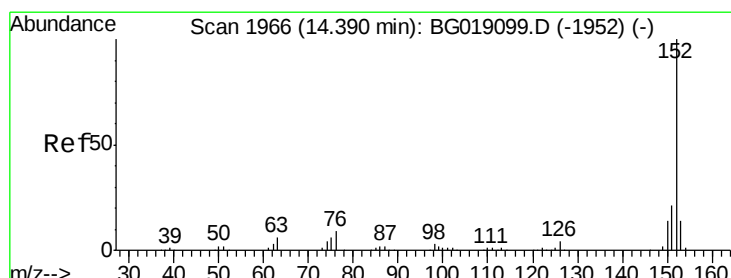
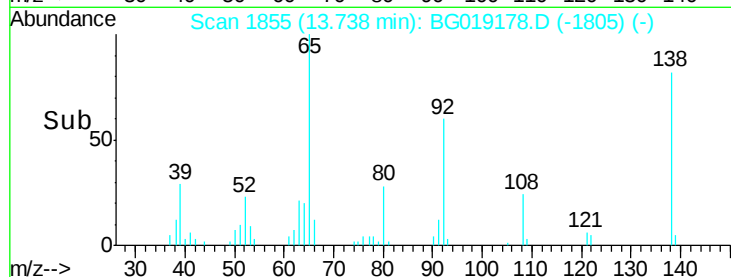
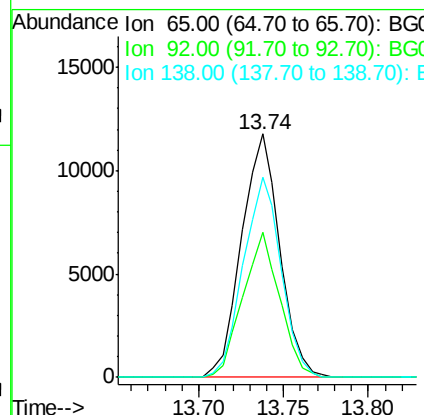
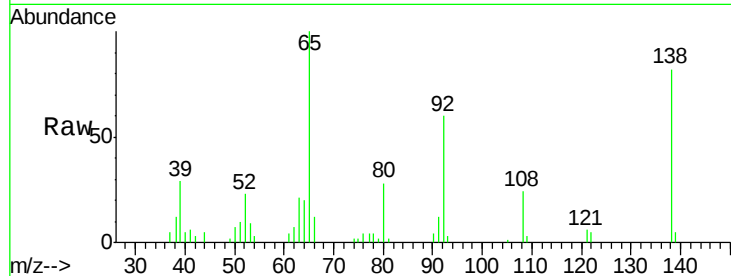




#47
2-Nitroaniline
Concen: 14.48 ng
RT: 13.74 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

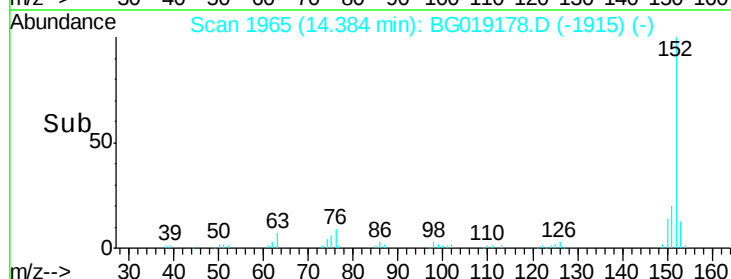
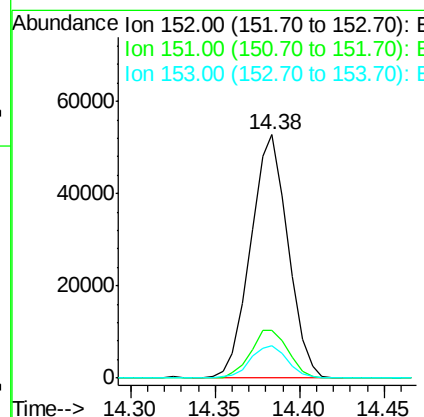
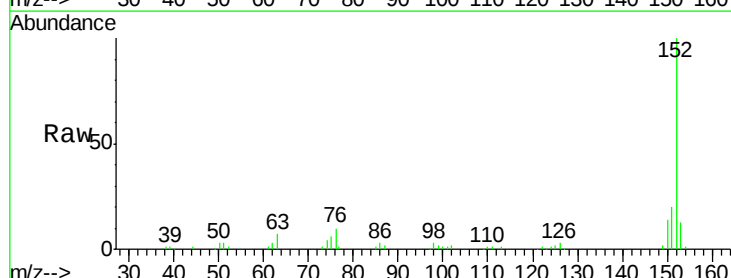
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2015-02

Tot Ion: 65 Resp: 18437
Ion Ratio Lower Upper
65 100
92 59.8 45.8 68.8
138 82.0 66.9 100.3



#48
Acenaphthylene
Concen: 14.48 ng
RT: 14.38 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

Tgt Ion: 152 Resp: 80987
Ion Ratio Lower Upper
152 100
151 19.8 16.8 25.2
153 13.2 11.0 16.4





#49

Dimethylphthalate

Concen: 14.35 ng

RT: 14.11 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BG019178.D

Acq: 13 Oct 2015 4:04

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2015-02

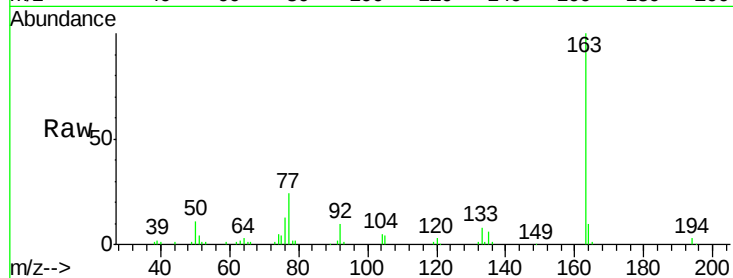
Tot Ion:163 Resp: 64306

Ion Ratio Lower Upper

163 100

194 3.5 3.2 4.8

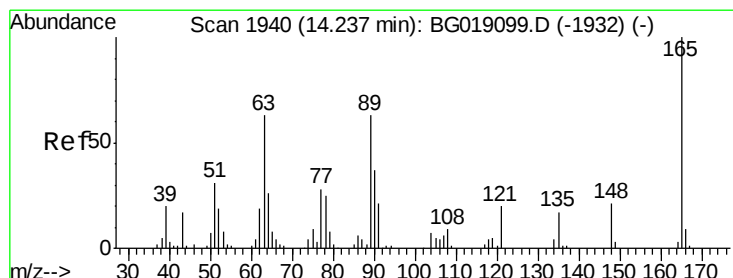
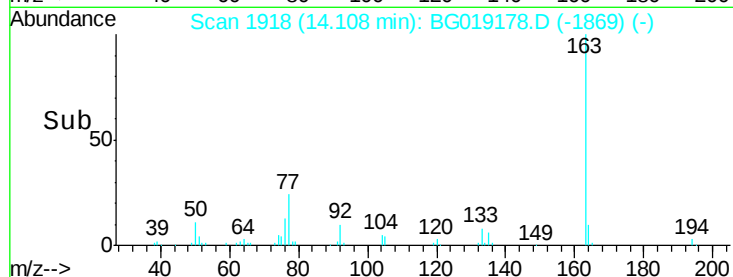
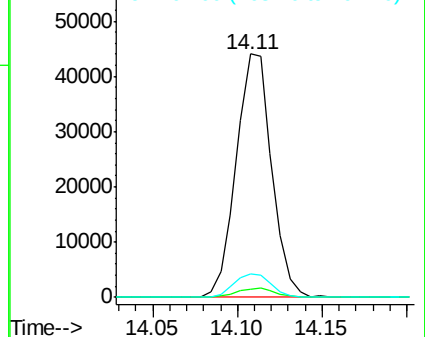
164 9.8 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 14.12 ng

RT: 14.23 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG019178.D

Acq: 13 Oct 2015 4:04

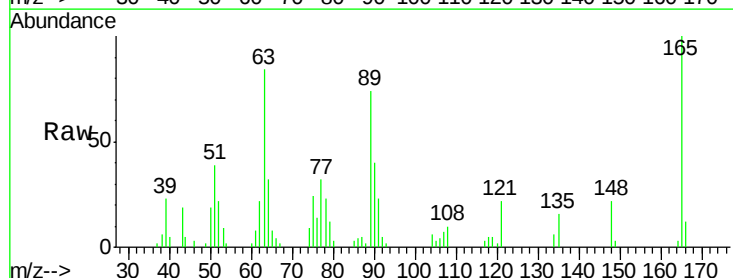
Tgt Ion:165 Resp: 13518

Ion Ratio Lower Upper

165 100

63 84.2 52.6 78.8#

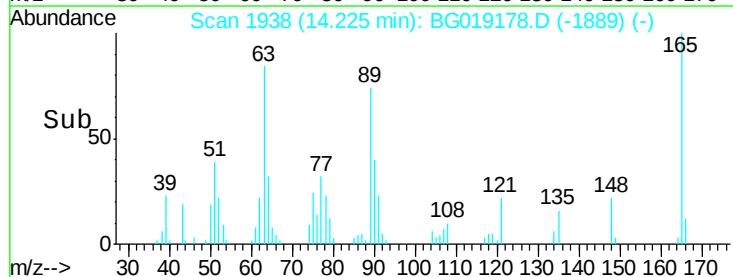
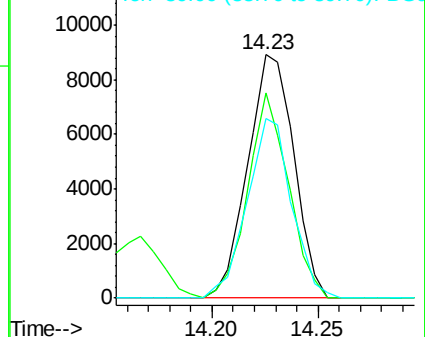
89 73.6 50.6 76.0

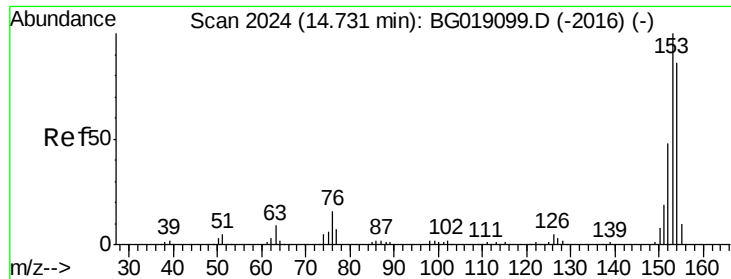


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 14.83 ng

RT: 14.72 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BG019178.D

Acq: 13 Oct 2015 4:04

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2015-02

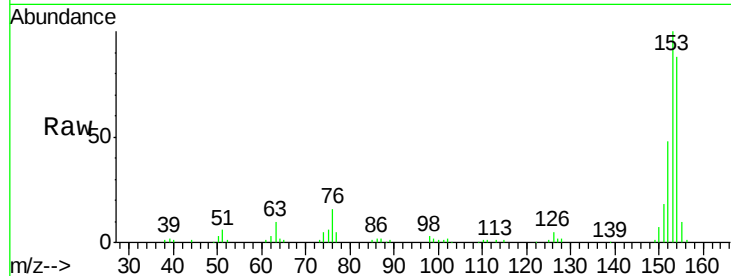
Tot Ion:154 Resp: 49861

Ion Ratio Lower Upper

154 100

153 114.0 93.4 140.2

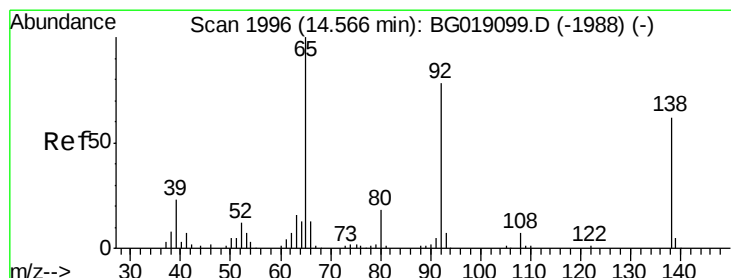
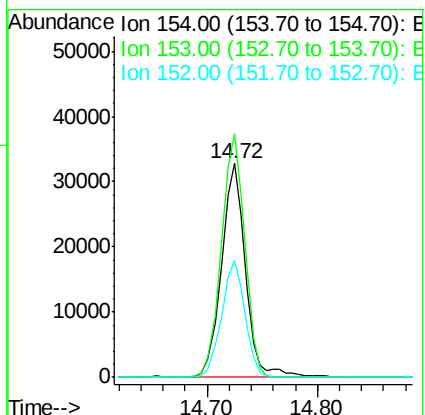
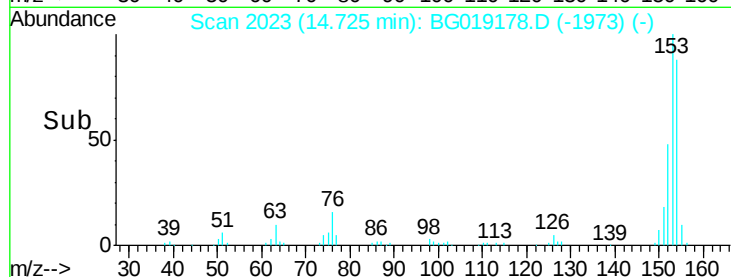
152 54.8 44.9 67.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 11.21 ng

RT: 14.56 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BG019178.D

Acq: 13 Oct 2015 4:04

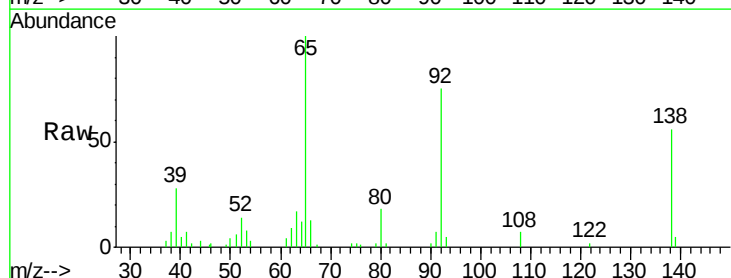
Tgt Ion:138 Resp: 11838

Ion Ratio Lower Upper

138 100

108 13.2 8.6 13.0#

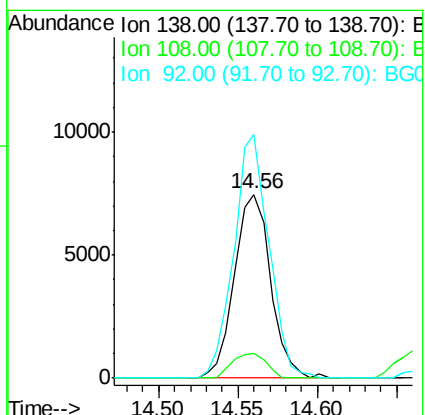
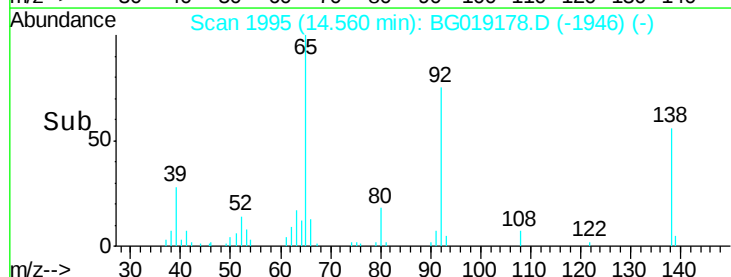
92 132.7 101.4 152.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

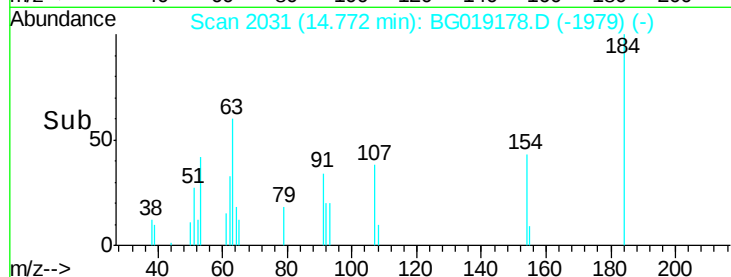
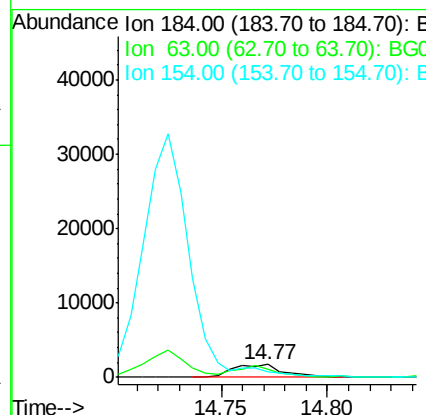
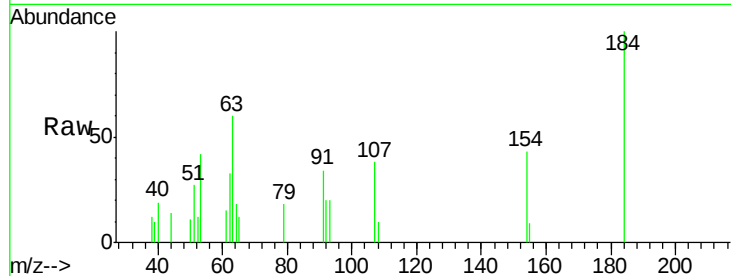




#53
2,4-Dinitrophenol
Concen: 8.72 ng
RT: 14.77 min Scan# 2031
Delta R.T. 0.01 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

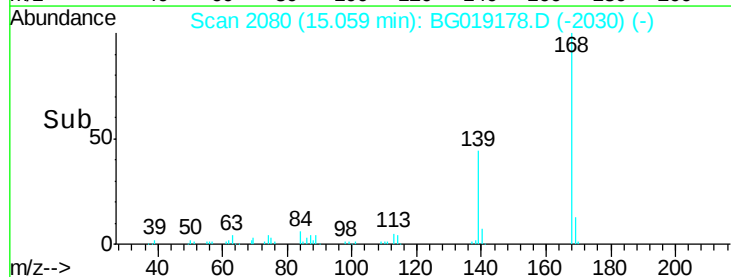
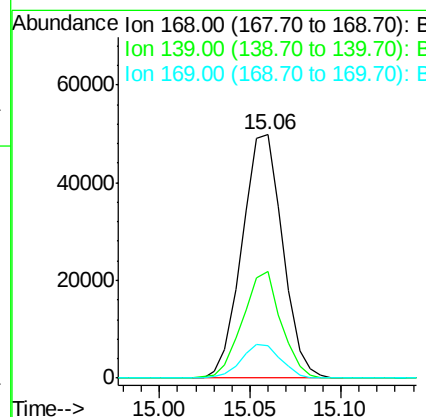
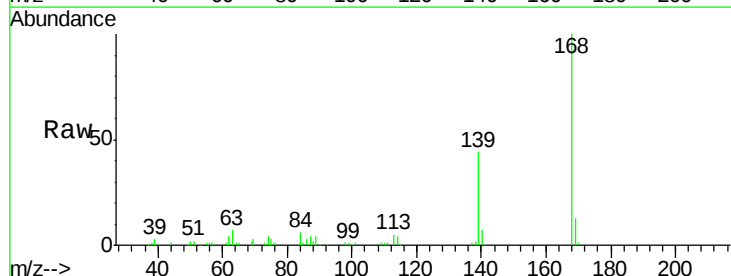
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2015-02

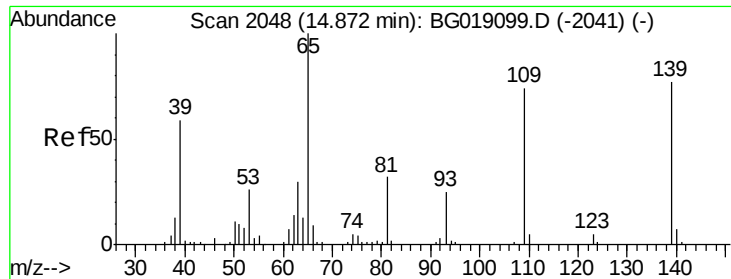
Tot Ion:184 Resp: 2796
Ion Ratio Lower Upper
184 100
63 60.4 67.5 101.3#
154 42.9 62.4 93.6#



#54
Dibenzofuran
Concen: 15.59 ng
RT: 15.06 min Scan# 2080
Delta R.T. -0.01 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

Tgt Ion:168 Resp: 77486
Ion Ratio Lower Upper
168 100
139 43.7 34.2 51.4
169 13.3 11.4 17.0





#55

4-Nitrophenol

Concen: 12.58 ng

RT: 14.87 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BG019178.D

Acq: 13 Oct 2015 4:04

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2015-02

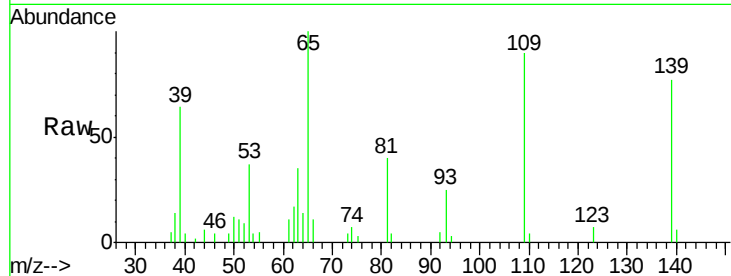
Tot Ion:139 Resp: 10062

Ion Ratio Lower Upper

139 100

109 116.8 76.8 116.8

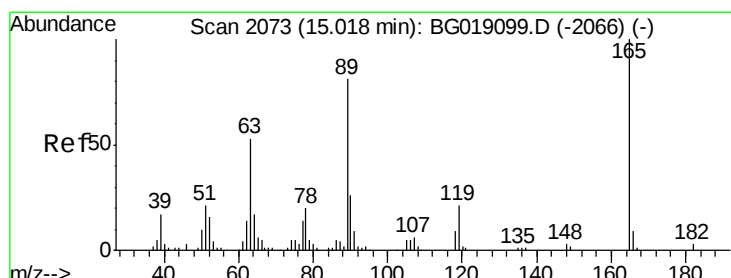
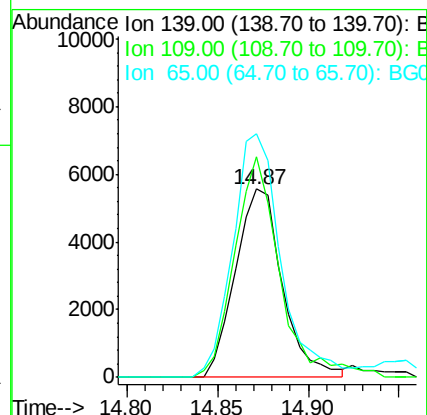
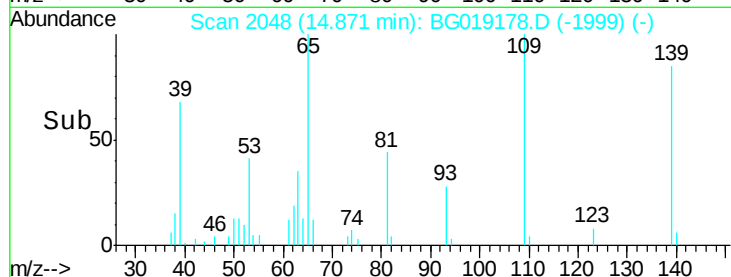
65 129.2 110.0 150.0



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): B



#56

2,4-Dinitrotoluene

Concen: 14.86 ng

RT: 15.01 min Scan# 2072

Delta R.T. -0.01 min

Lab File: BG019178.D

Acq: 13 Oct 2015 4:04

Tgt Ion:165 Resp: 20688

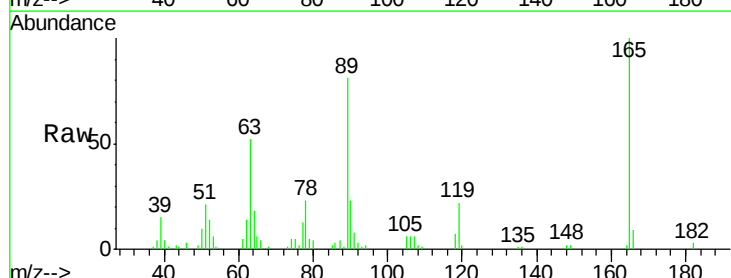
Ion Ratio Lower Upper

165 100

63 51.9 42.2 63.2

89 80.7 64.8 97.2

182 3.2 2.4 3.6

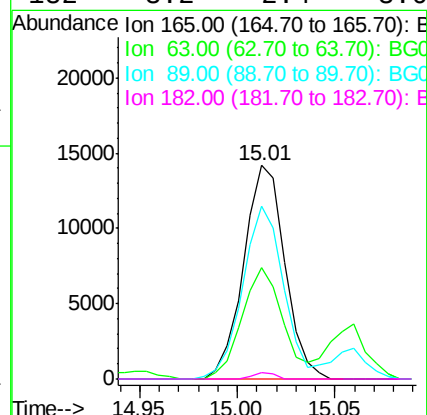
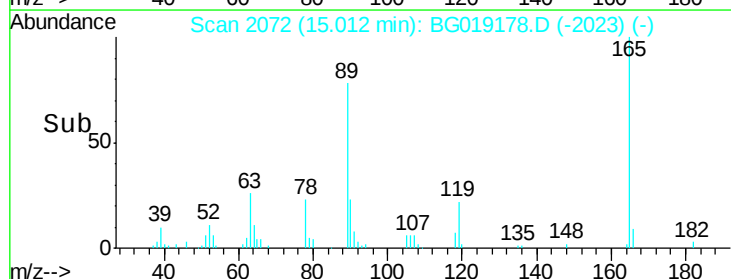


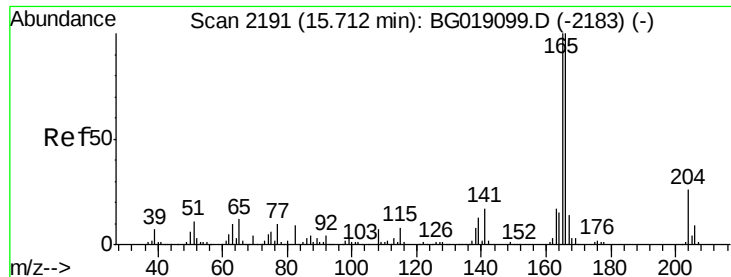
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): B

Ion 89.00 (88.70 to 89.70): B

Ion 182.00 (181.70 to 182.70): E

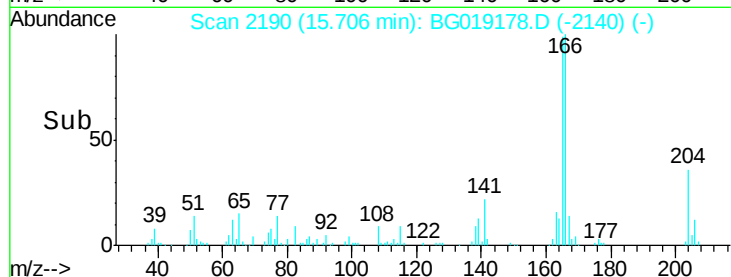
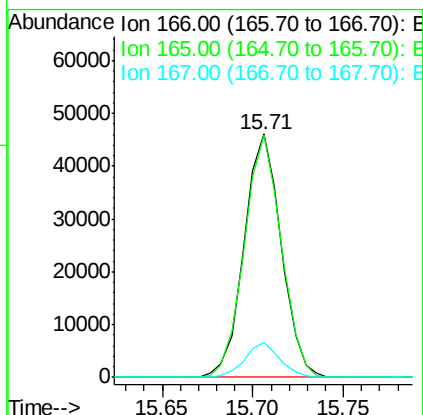
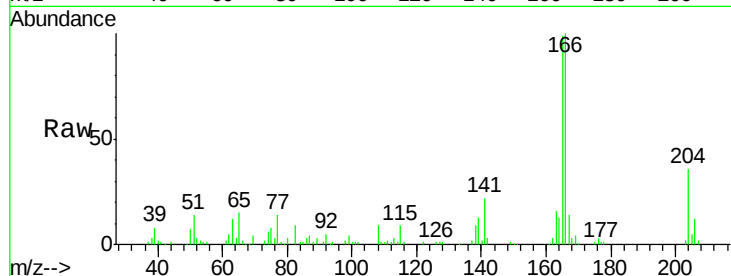




#57
 Fluorene
 Concen: 15.18 ng
 RT: 15.71 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG019178.D
 Acq: 13 Oct 2015 4:04

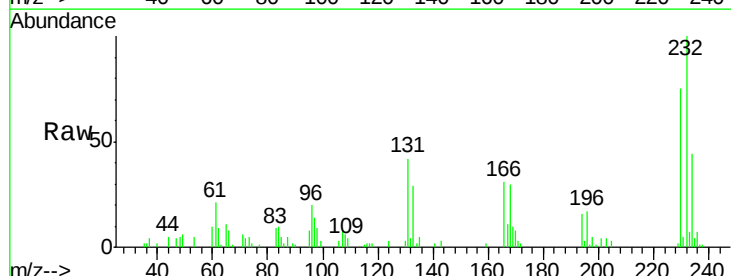
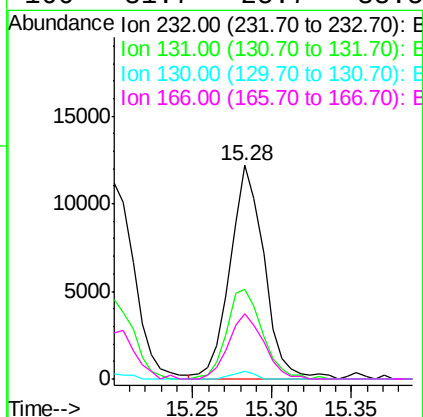
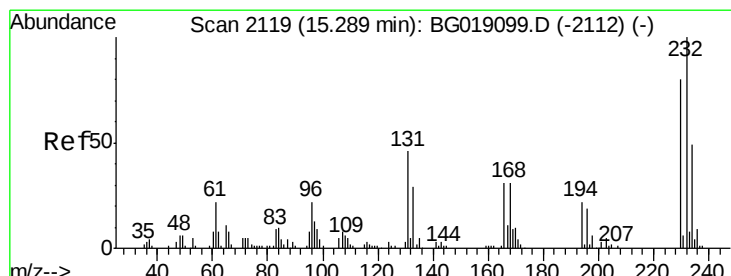
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2015-02

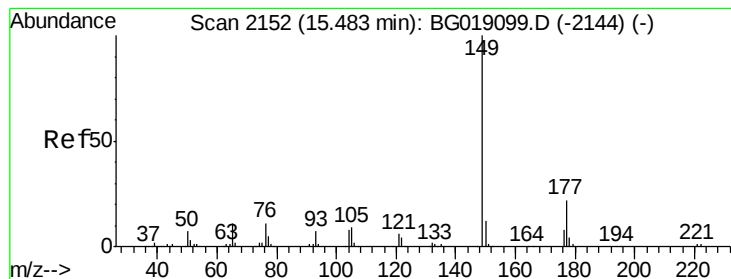
Tot Ion:166 Resp: 65444
 Ion Ratio Lower Upper
 166 100
 165 99.3 80.2 120.2
 167 14.4 11.4 17.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 15.98 ng
 RT: 15.28 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: BG019178.D
 Acq: 13 Oct 2015 4:04

Tgt Ion:232 Resp: 18253
 Ion Ratio Lower Upper
 232 100
 131 44.0 36.5 54.7
 130 2.2 2.3 3.5#
 166 31.7 25.7 38.5





#59

Diethylphthalate

Concen: 14.54 ng

RT: 15.47 min Scan# 2150

Delta R.T. -0.01 min

Lab File: BG019178.D

Acq: 13 Oct 2015 4:04

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2015-02

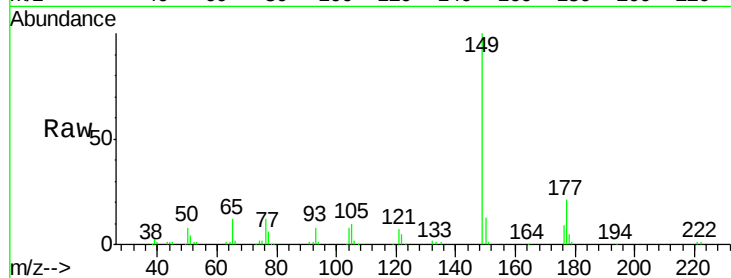
Tot Ion:149 Resp: 67709

Ion Ratio Lower Upper

149 100

177 20.7 17.7 26.5

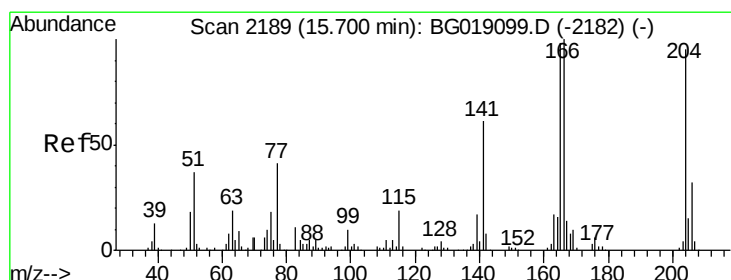
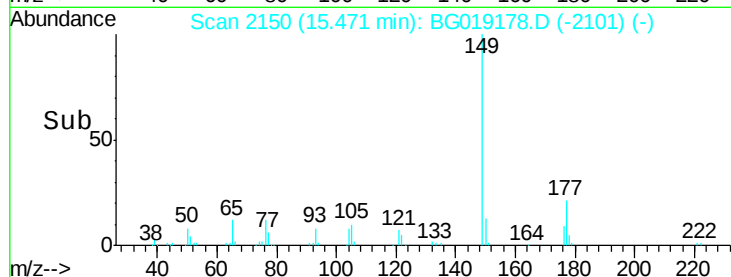
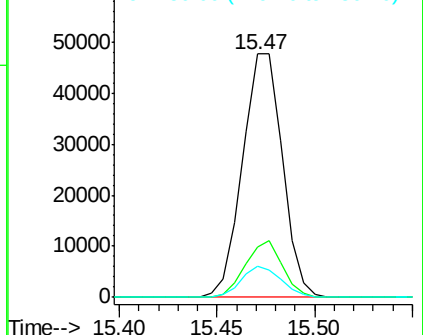
150 12.7 9.4 14.2



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: 15.21 ng

RT: 15.70 min Scan# 2189

Delta R.T. -0.00 min

Lab File: BG019178.D

Acq: 13 Oct 2015 4:04

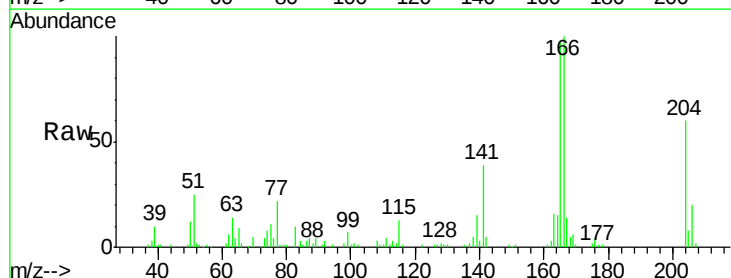
Tgt Ion:204 Resp: 33414

Ion Ratio Lower Upper

204 100

206 32.6 27.0 40.4

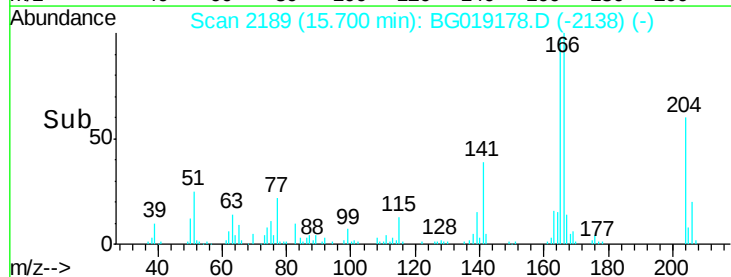
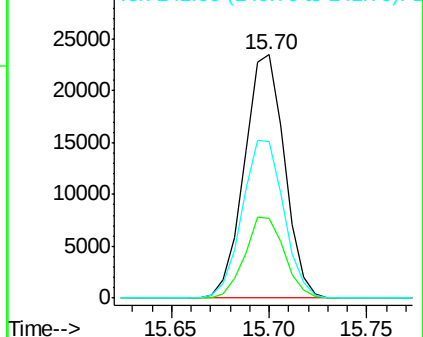
141 64.2 51.9 77.9

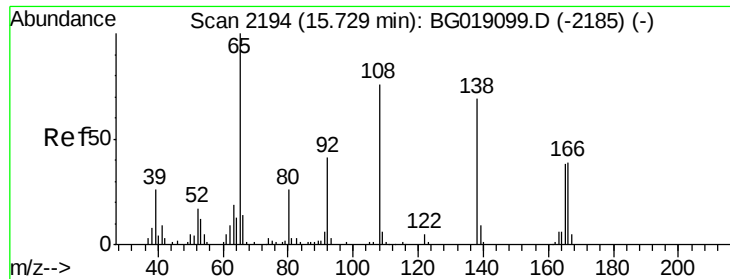


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

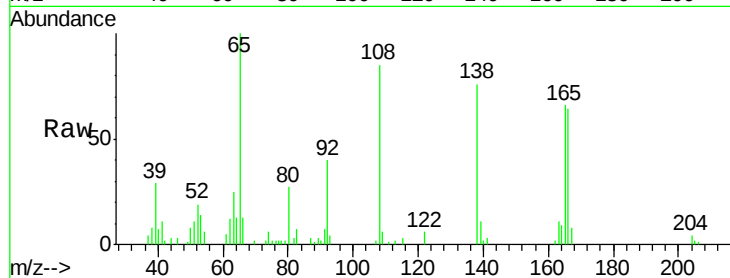




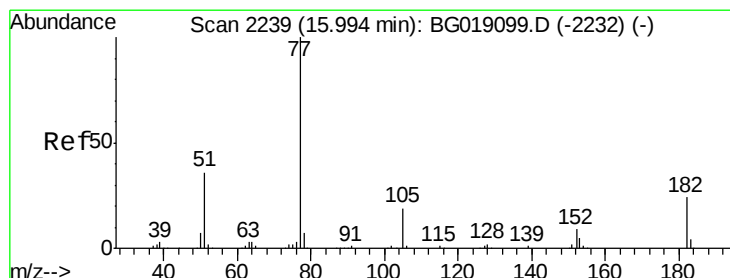
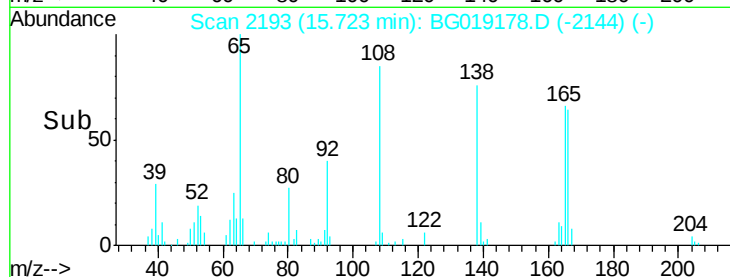
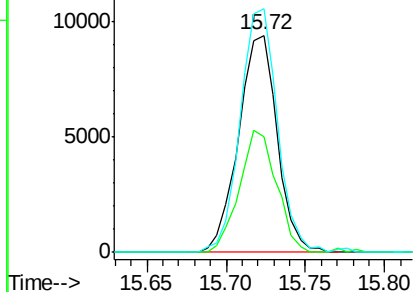
#61
4-Nitroaniline
Concen: 13.83 ng
RT: 15.72 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2015-02

Tot Ion:138 Resp: 15881
Ion Ratio Lower Upper
138 100
92 53.3 39.0 79.0
108 112.0 90.8 130.8

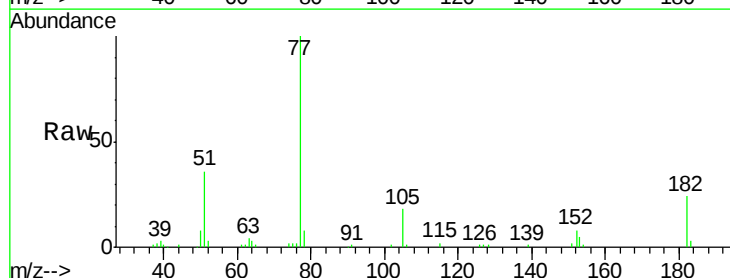


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

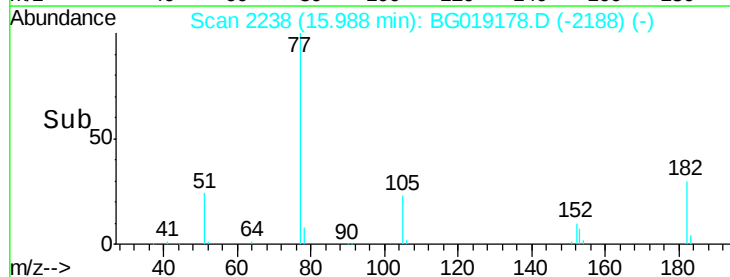
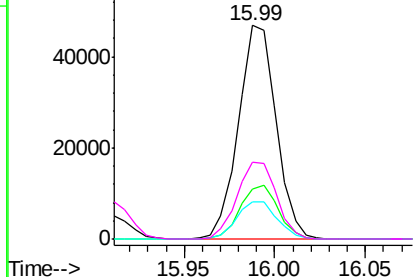


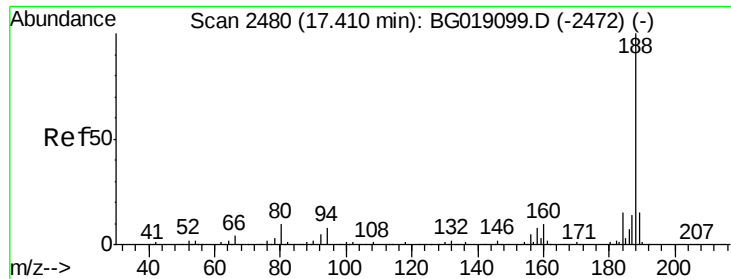
#62
Azobenzene
Concen: 15.71 ng
RT: 15.99 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

Tgt Ion: 77 Resp: 67843
Ion Ratio Lower Upper
77 100
182 23.6 4.4 44.4
105 17.7 0.0 39.1
51 36.2 15.9 55.9



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

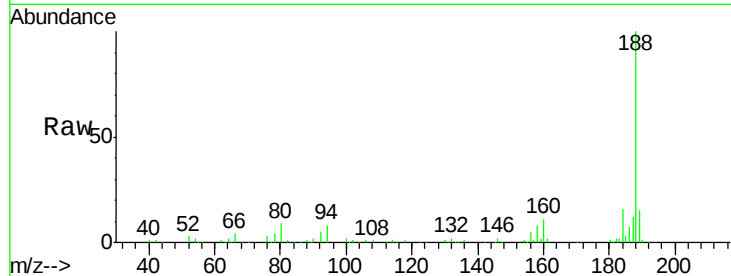




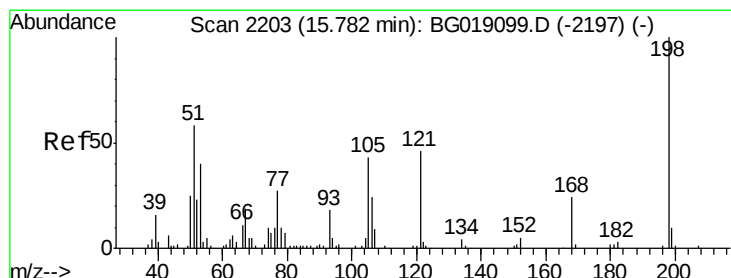
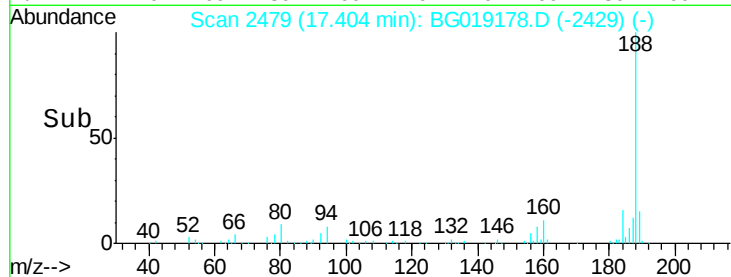
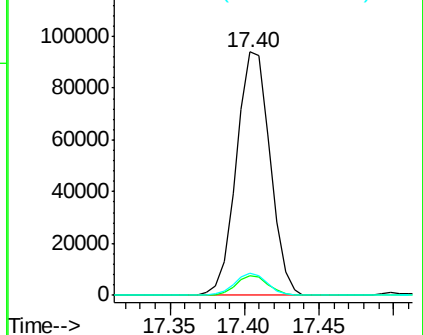
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.40 min Scan# 2479
Delta R.T. -0.01 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2015-02

Tot Ion:188 Resp: 146936
Ion Ratio Lower Upper
188 100
94 8.0 6.4 9.6
80 9.2 7.6 11.4

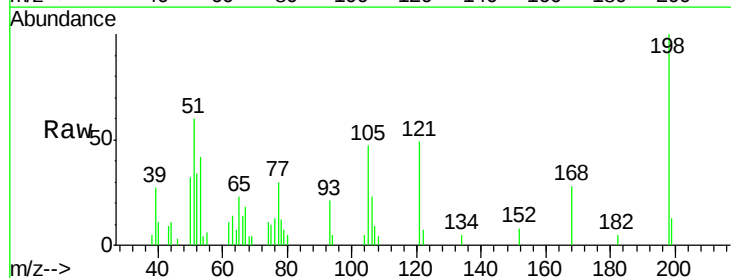


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

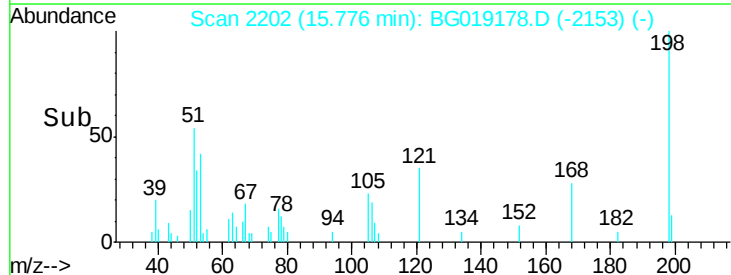
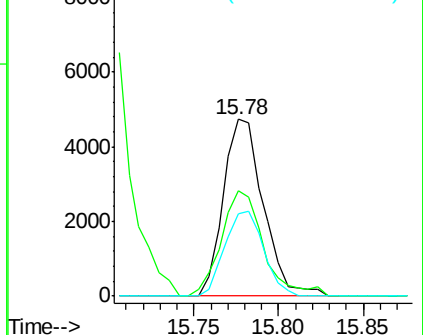


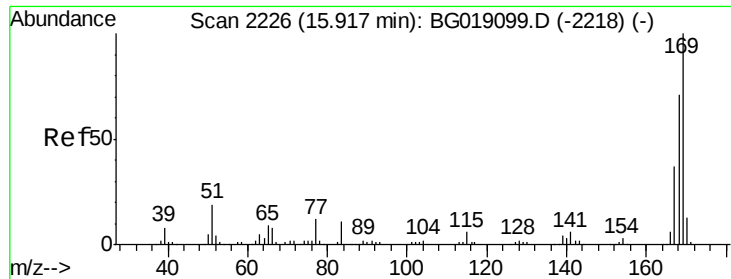
#64
4,6-Dinitro-2-methylphenol
Concen: 9.72 ng
RT: 15.78 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

Tgt Ion:198 Resp: 7799
Ion Ratio Lower Upper
198 100
51 59.8 40.1 80.1
105 46.8 23.4 63.4



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

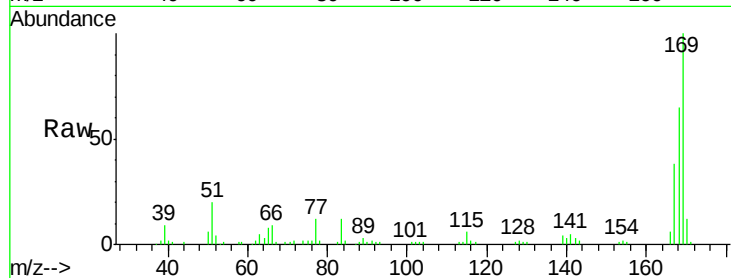




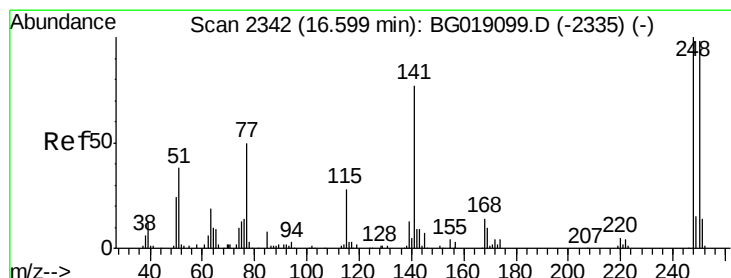
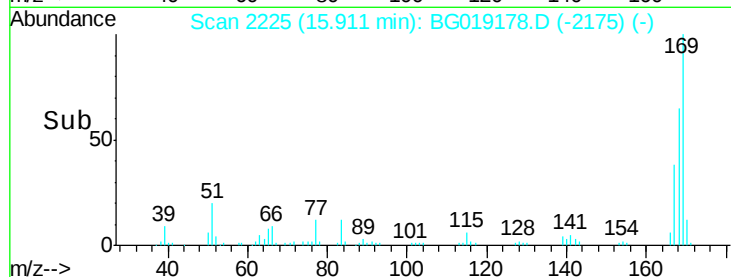
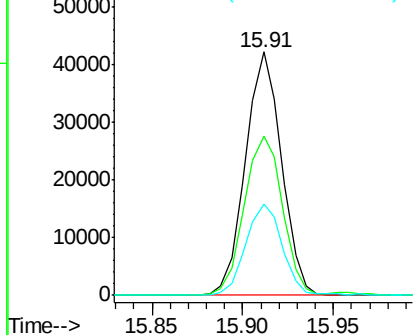
#65
n-Nitrosodiphenylamine
Concen: 14.35 ng
RT: 15.91 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2015-02

Tot Ion:169 Resp: 58259
Ion Ratio Lower Upper
169 100
168 65.5 56.6 84.8
167 37.6 30.0 45.0

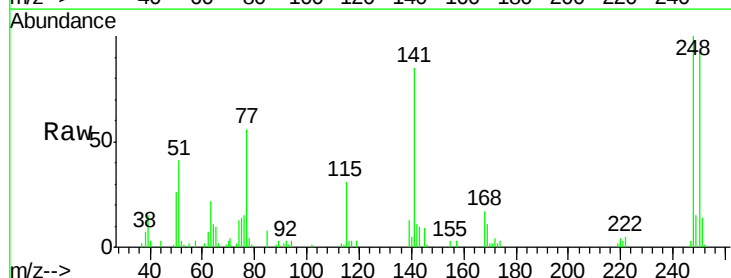


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

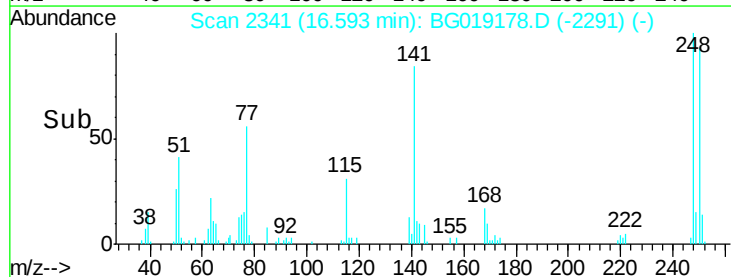
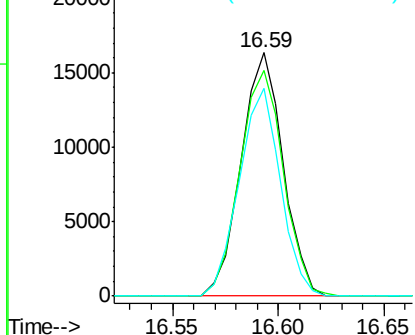


#66
4-Bromophenyl-phenylether
Concen: 15.10 ng
RT: 16.59 min Scan# 2341
Delta R.T. -0.01 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

Tgt Ion:248 Resp: 22544
Ion Ratio Lower Upper
248 100
250 92.7 78.4 117.6
141 85.1 61.7 92.5



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





#67

Hexachlorobenzene

Concen: 15.03 ng

RT: 16.71 min Scan# 2361

Delta R.T. -0.01 min

Lab File: BG019178.D

Acq: 13 Oct 2015 4:04

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2015-02

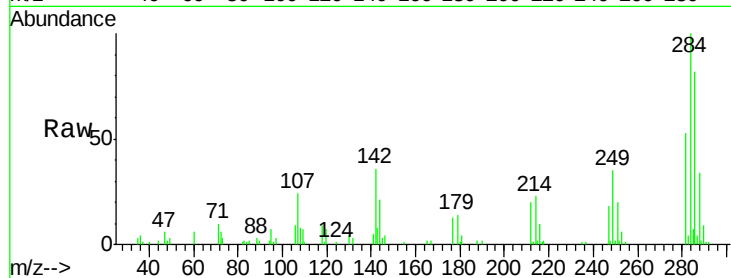
Tot Ion:284 Resp: 26353

Ion Ratio Lower Upper

284 100

142 36.4 27.0 40.4

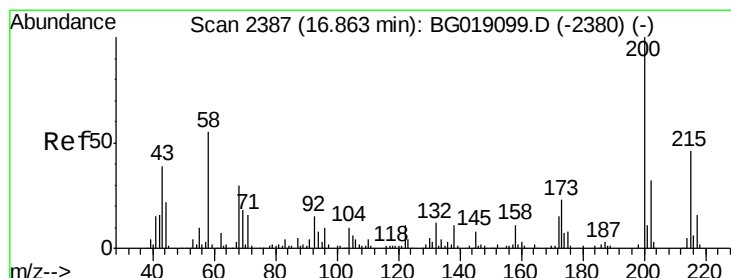
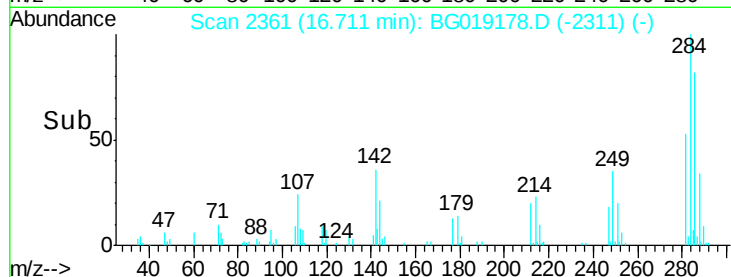
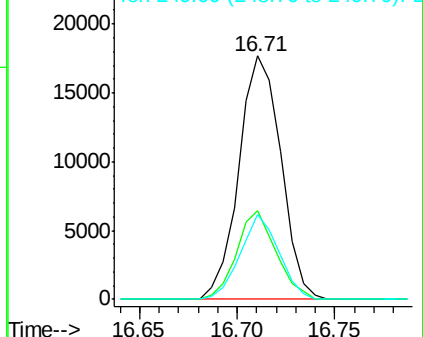
249 35.0 25.4 38.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 14.45 ng

RT: 16.86 min Scan# 2386

Delta R.T. -0.01 min

Lab File: BG019178.D

Acq: 13 Oct 2015 4:04

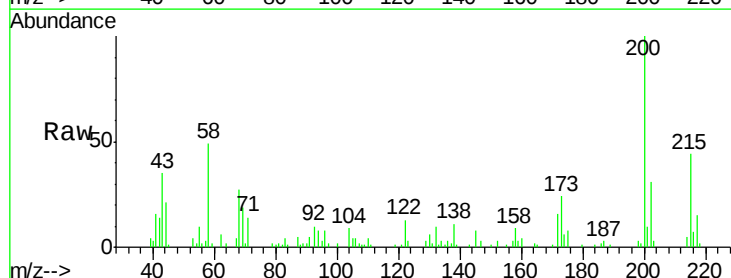
Tgt Ion:200 Resp: 24169

Ion Ratio Lower Upper

200 100

173 24.3 3.3 43.3

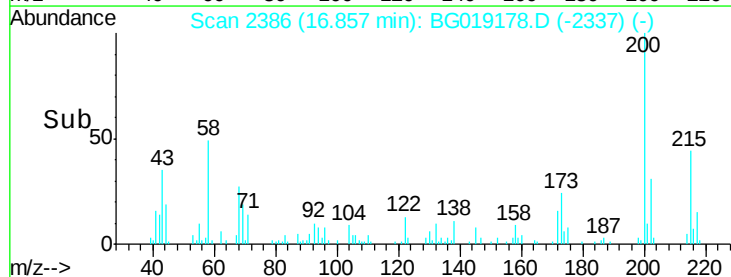
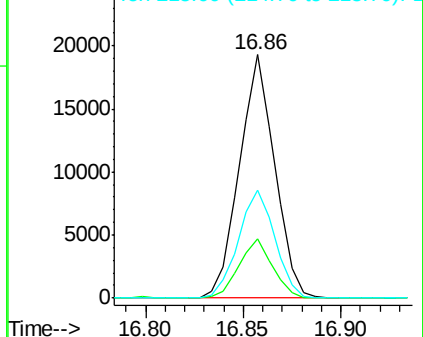
215 44.1 26.4 66.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

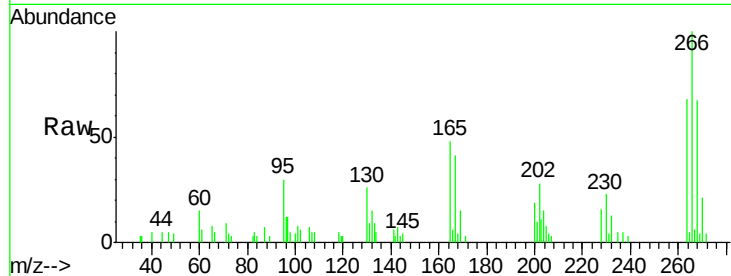




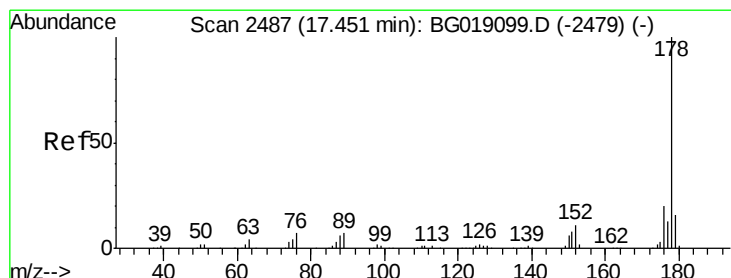
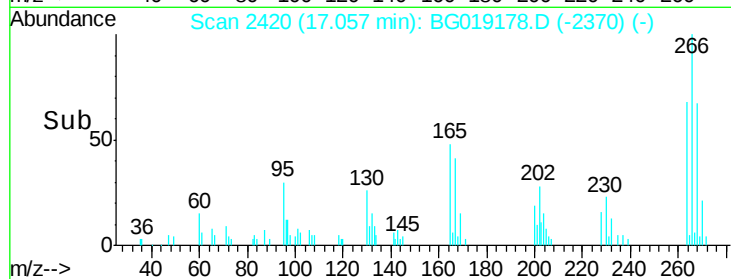
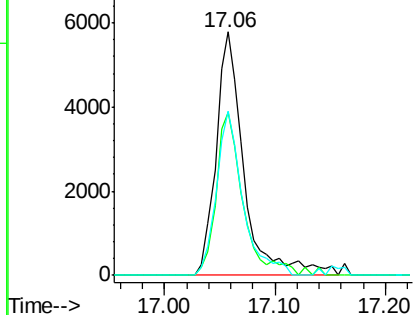
#69
 Pentachlorophenol
 Concen: 11.05 ng
 RT: 17.06 min Scan# 2420
 Delta R.T. -0.01 min
 Lab File: BG019178.D
 Acq: 13 Oct 2015 4:04

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2015-02

Tot Ion	Ratio	Lower	Upper
266	100		
268	67.1	53.0	79.4
264	72.3	50.1	75.1

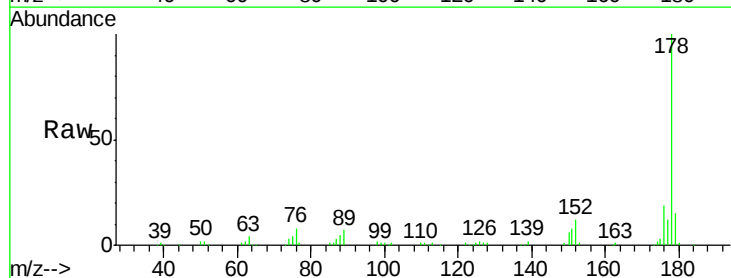


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

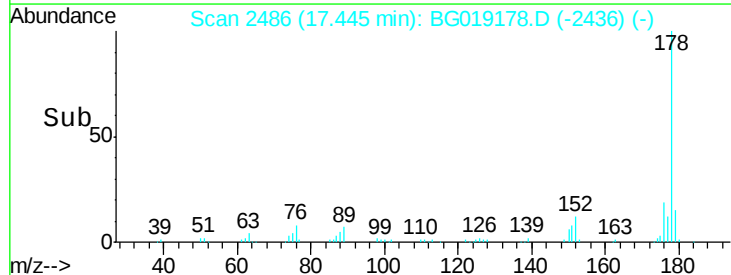
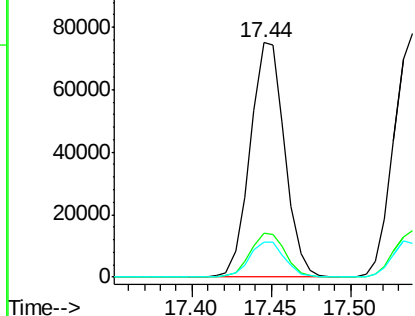


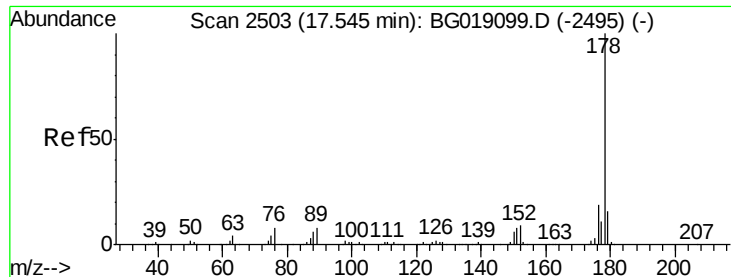
#70
 Phenanthrene
 Concen: 14.97 ng
 RT: 17.44 min Scan# 2486
 Delta R.T. -0.01 min
 Lab File: BG019178.D
 Acq: 13 Oct 2015 4:04

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.3	24.5
179	14.7	12.8	19.2



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

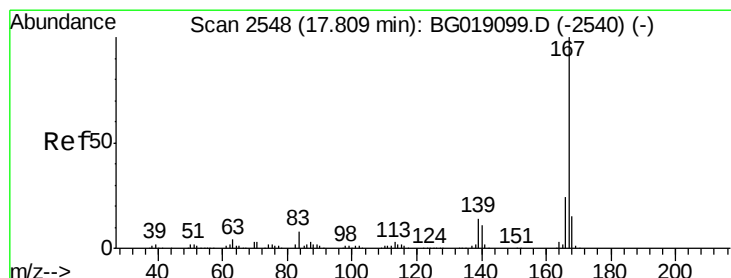
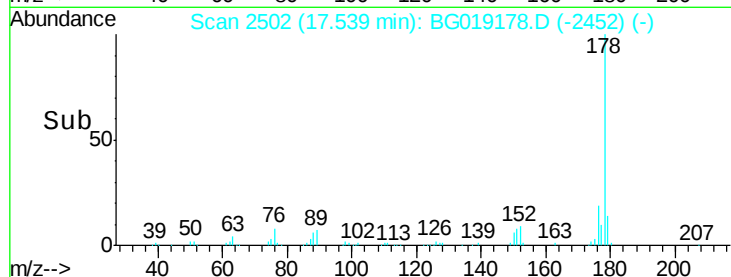
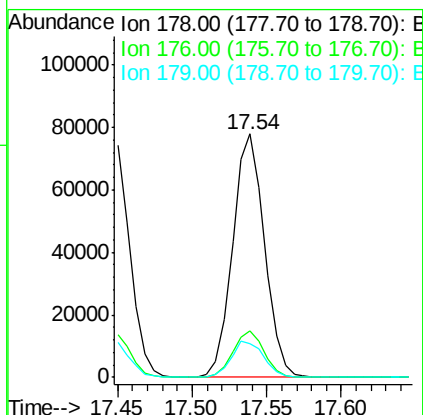
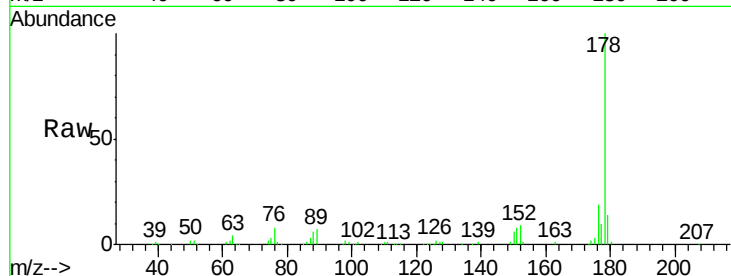




#71
 Anthracene
 Concen: 15.27 ng
 RT: 17.54 min Scan# 2502
 Delta R.T. -0.01 min
 Lab File: BG019178.D
 Acq: 13 Oct 2015 4:04

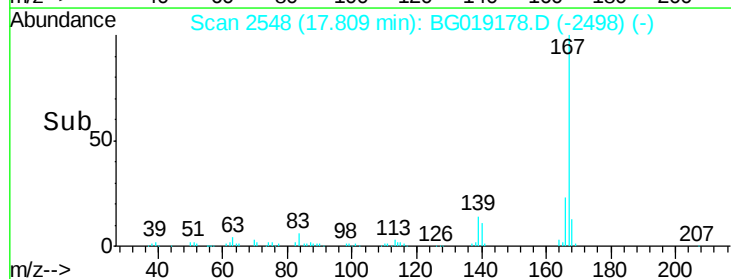
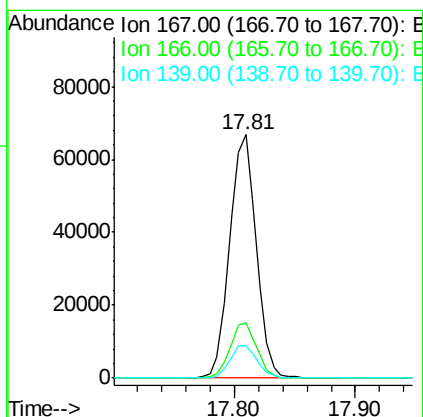
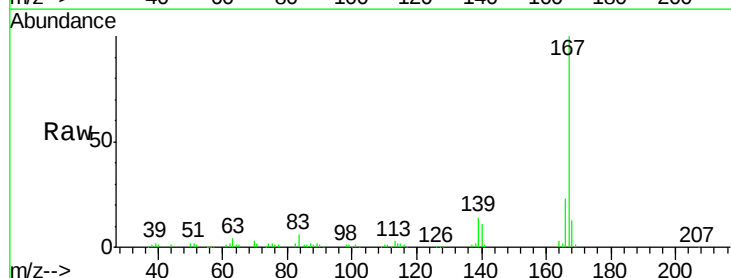
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2015-02

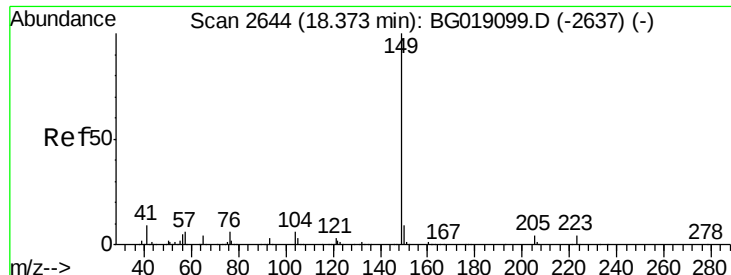
Tot Ion:178 Resp: 115534
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.5 23.3
 179 14.1 12.9 19.3



#72
 Carbazole
 Concen: 14.46 ng
 RT: 17.81 min Scan# 2548
 Delta R.T. -0.01 min
 Lab File: BG019178.D
 Acq: 13 Oct 2015 4:04

Tgt Ion:167 Resp: 102372
 Ion Ratio Lower Upper
 167 100
 166 22.7 19.1 28.7
 139 13.6 11.2 16.8





#73

Di-n-butylphthalate

Concen: 14.31 ng

RT: 18.37 min Scan# 2643

Delta R.T. -0.01 min

Lab File: BG019178.D

Acq: 13 Oct 2015 4:04

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2015-02

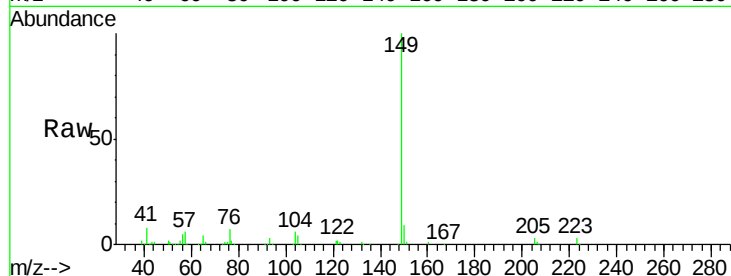
Tot Ion:149 Resp: 124104

Ion Ratio Lower Upper

149 100

150 8.5 7.5 11.3

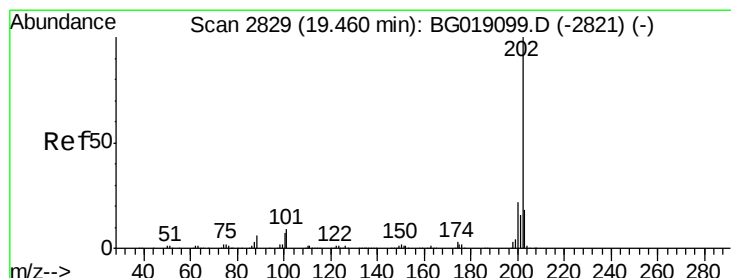
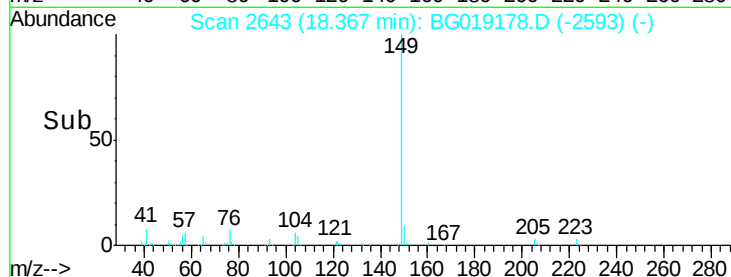
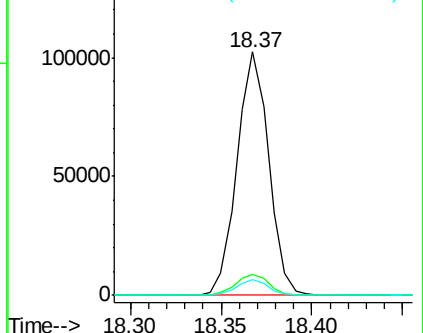
104 6.5 5.0 7.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 14.73 ng

RT: 19.45 min Scan# 2828

Delta R.T. -0.01 min

Lab File: BG019178.D

Acq: 13 Oct 2015 4:04

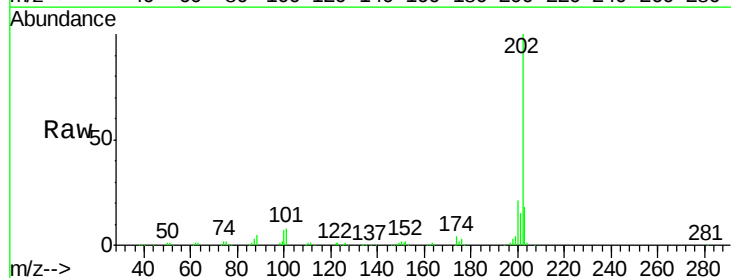
Tgt Ion:202 Resp: 143355

Ion Ratio Lower Upper

202 100

101 8.1 0.0 28.9

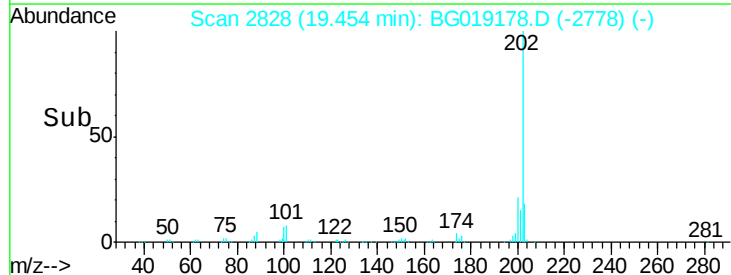
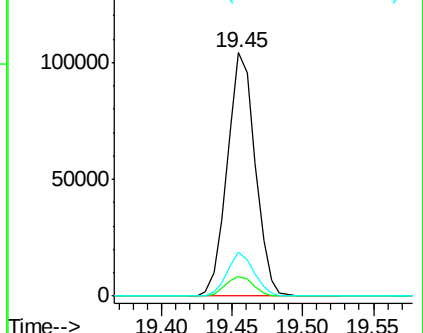
203 17.8 0.0 38.0

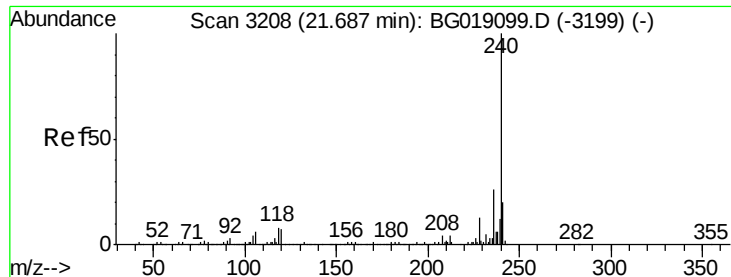


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.68 min Scan# 3207

Delta R.T. -0.01 min

Lab File: BG019178.D

Acq: 13 Oct 2015 4:04

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2015-02

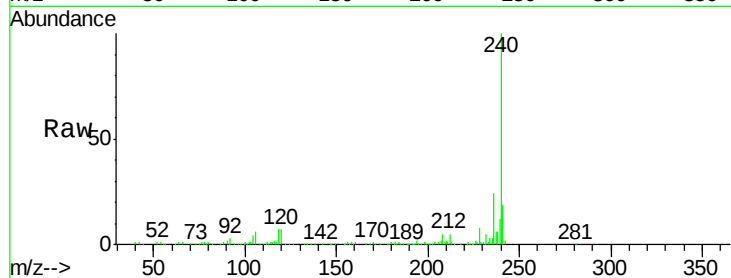
Tot Ion:240 Resp: 179309

Ion Ratio Lower Upper

240 100

120 7.3 5.8 8.6

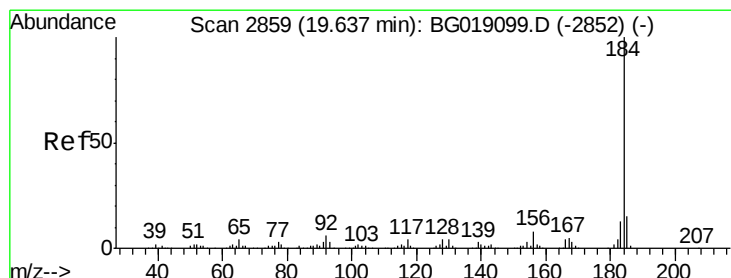
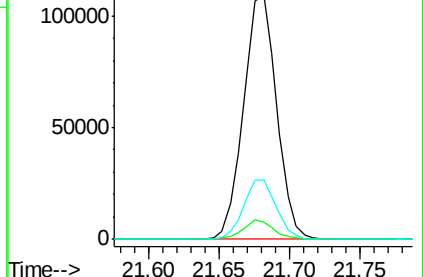
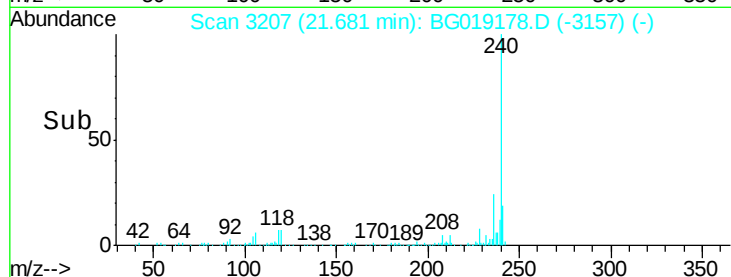
236 24.4 21.2 31.8



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: 4.90 ng

RT: 19.64 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG019178.D

Acq: 13 Oct 2015 4:04

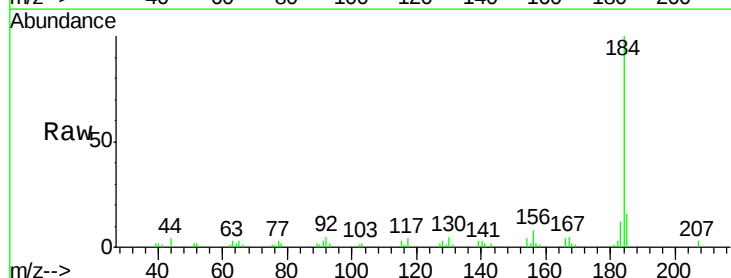
Tgt Ion:184 Resp: 22564

Ion Ratio Lower Upper

184 100

185 15.9 11.9 17.9

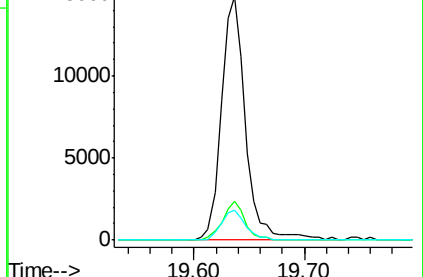
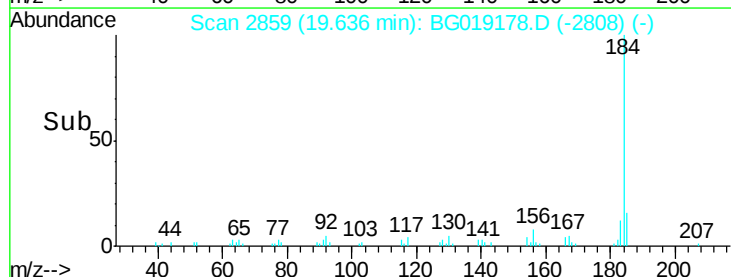
183 12.4 10.1 15.1



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

Pvrene

Concen: 14.45 ng

RT: 19.82 min Scan# 2890

Delta R.T. -0.01 min

Lab File: BG019178.D

Acq: 13 Oct 2015 4:04

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2015-02

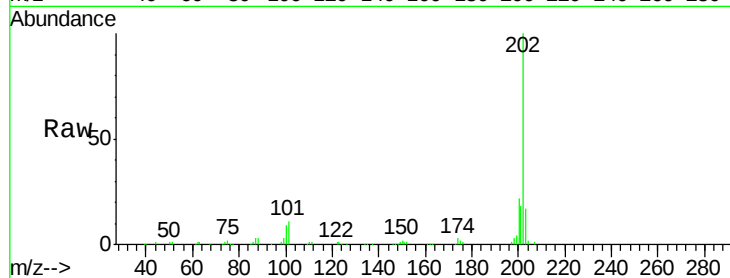
Tot Ion:202 Resp: 145076

Ion Ratio Lower Upper

202 100

200 21.9 17.4 26.2

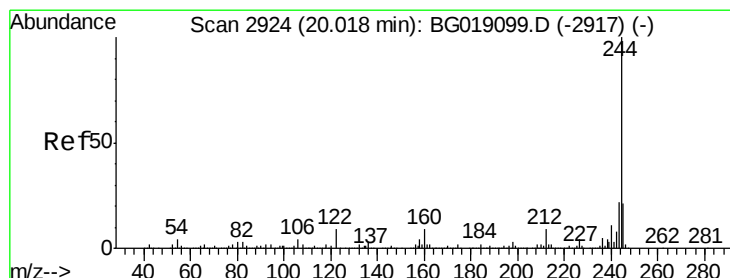
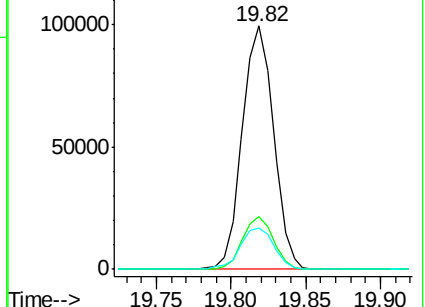
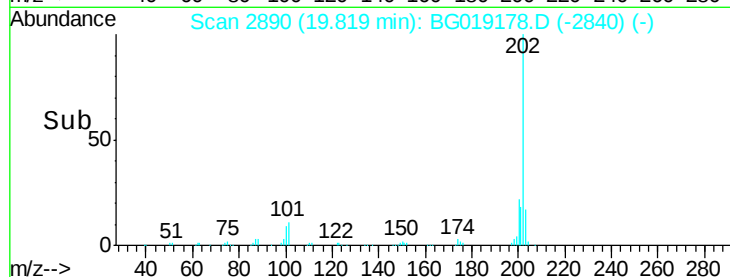
203 17.2 14.8 22.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 74.45 ng

RT: 20.02 min Scan# 2924

Delta R.T. -0.01 min

Lab File: BG019178.D

Acq: 13 Oct 2015 4:04

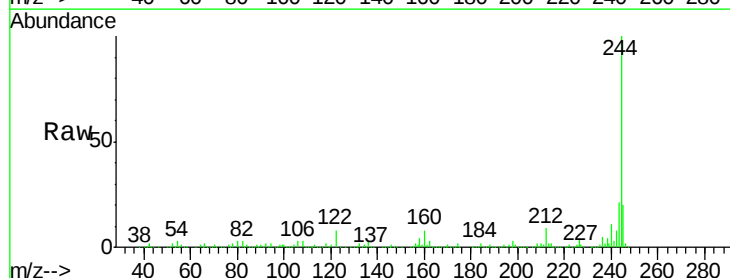
Tgt Ion:244 Resp: 505390

Ion Ratio Lower Upper

244 100

212 8.7 6.8 10.2

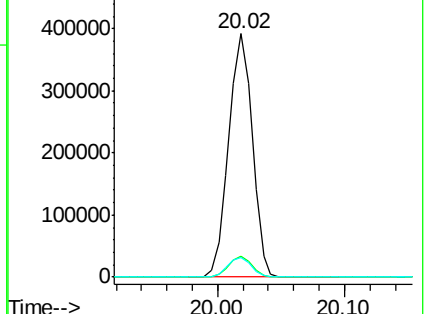
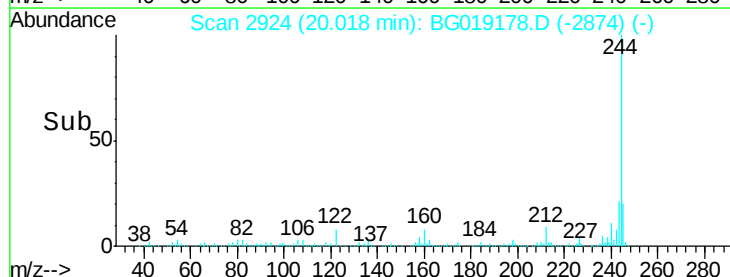
122 8.1 7.4 11.2

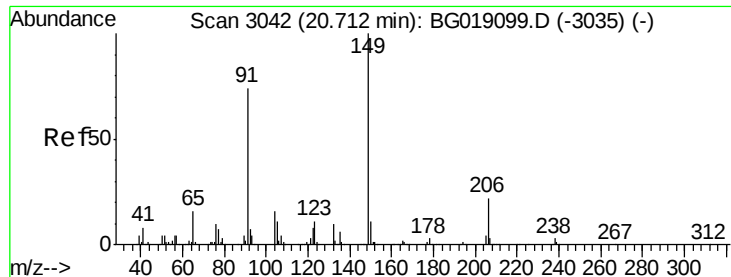


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

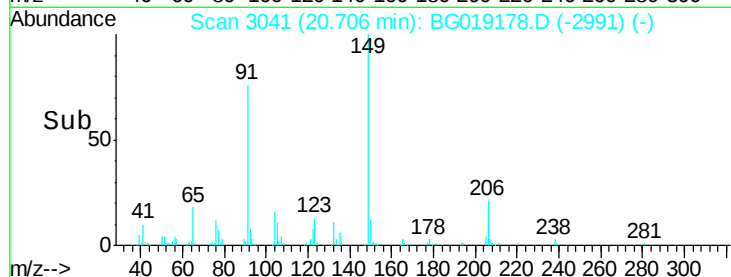
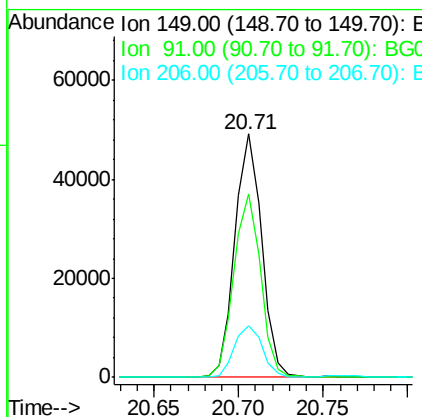
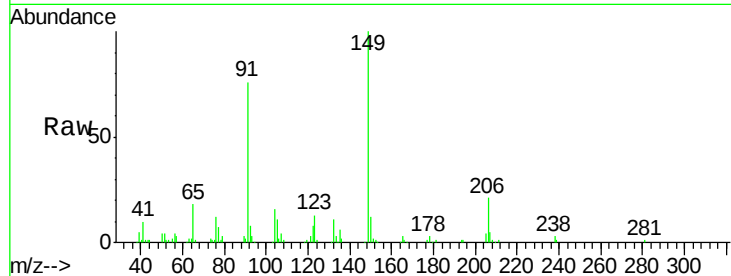




#79
Butylbenzylphthalate
Concen: 13.33 ng
RT: 20.71 min Scan# 3041
Delta R.T. -0.01 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

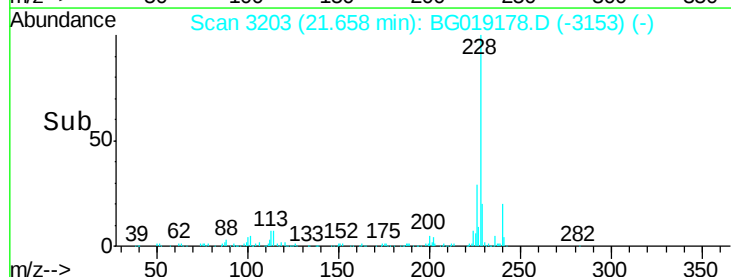
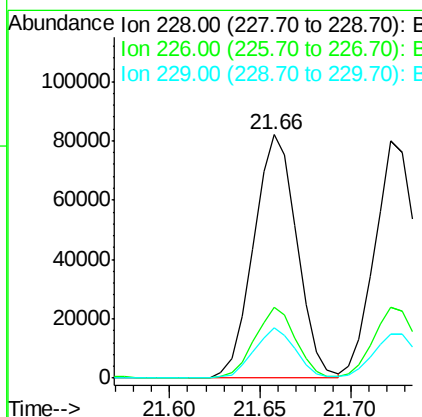
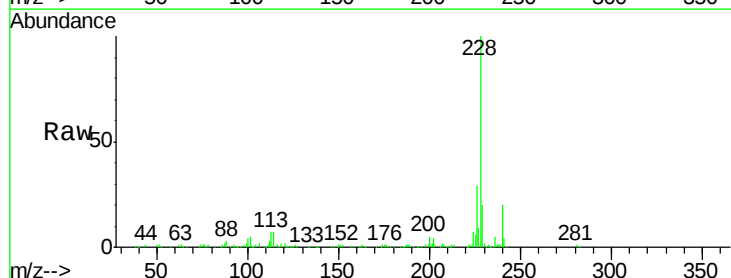
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2015-02

Tot Ion	Ratio	Lower	Upper
149	100		
91	75.6	59.2	88.8
206	21.4	17.5	26.3



#80
Benzo(a)anthracene
Concen: 14.29 ng
RT: 21.66 min Scan# 3203
Delta R.T. -0.01 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.4	33.6
229	20.5	16.2	24.2

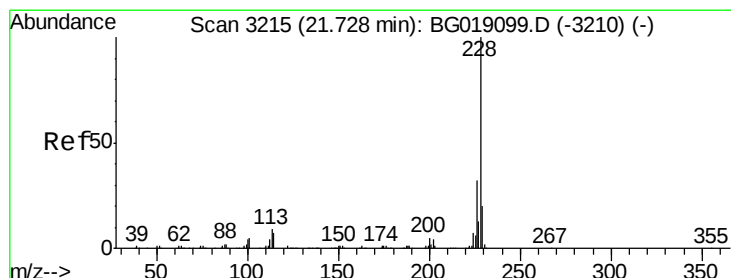
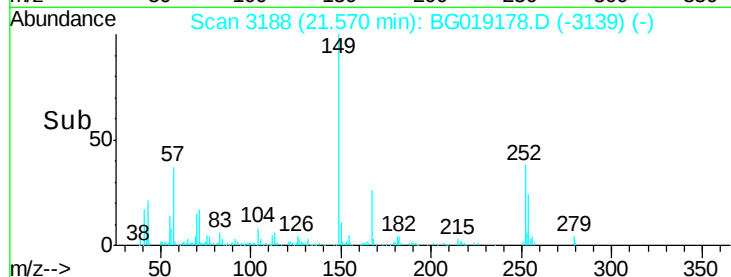
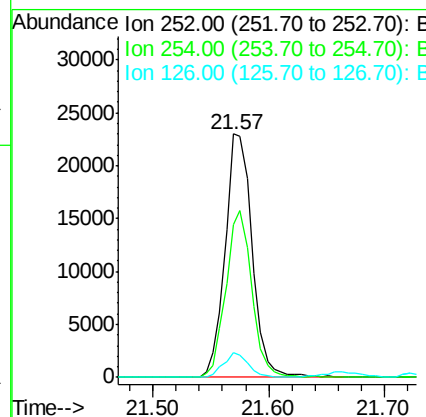
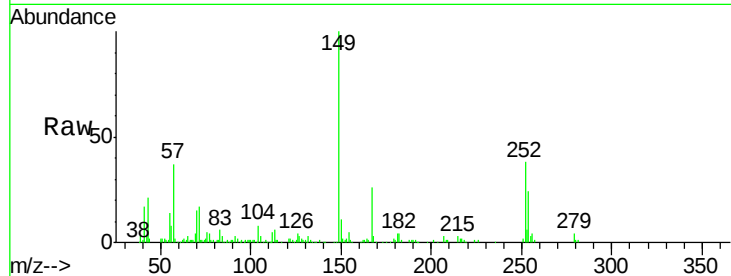




#81
 3,3'-Dichlorobenzidine
 Concen: 10.50 ng
 RT: 21.57 min Scan# 3188
 Delta R.T. -0.01 min
 Lab File: BG019178.D
 Acq: 13 Oct 2015 4:04

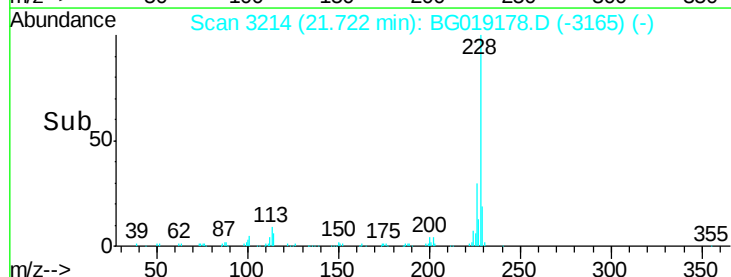
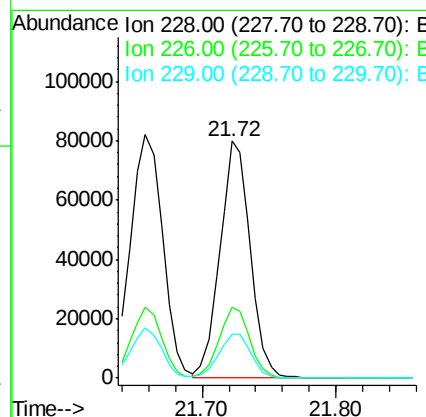
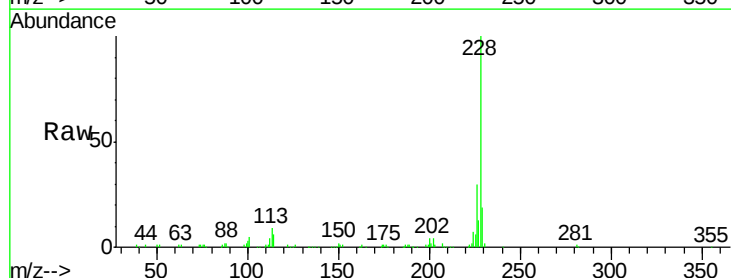
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2015-02

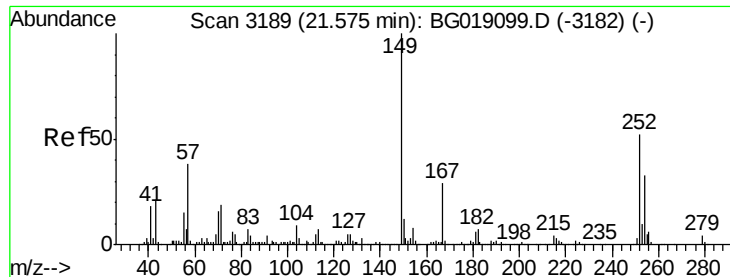
Tot Ion:252 Resp: 37316
 Ion Ratio Lower Upper
 252 100
 254 62.5 53.9 80.9
 126 10.1 7.0 10.6



#82
 Chrysene
 Concen: 13.91 ng
 RT: 21.72 min Scan# 3214
 Delta R.T. -0.01 min
 Lab File: BG019178.D
 Acq: 13 Oct 2015 4:04

Tgt Ion:228 Resp: 126942
 Ion Ratio Lower Upper
 228 100
 226 29.8 25.2 37.8
 229 18.6 16.3 24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 13.53 ng

RT: 21.57 min Scan# 3188

Delta R.T. -0.01 min

Lab File: BG019178.D

Acq: 13 Oct 2015 4:04

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2015-02

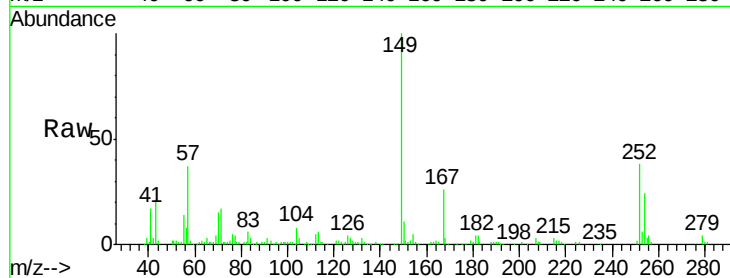
Tot Ion:149 Resp: 76902

Ion Ratio Lower Upper

149 100

167 25.9 22.8 34.2

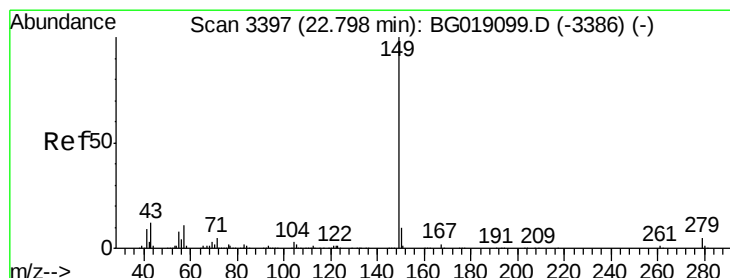
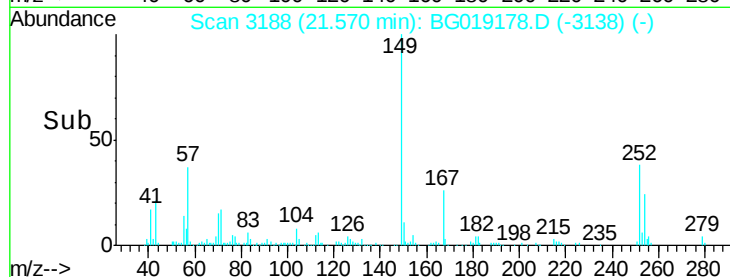
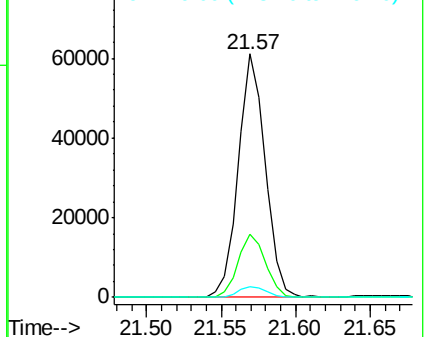
279 4.4 3.6 5.4



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: 13.46 ng

RT: 22.79 min Scan# 3395

Delta R.T. -0.01 min

Lab File: BG019178.D

Acq: 13 Oct 2015 4:04

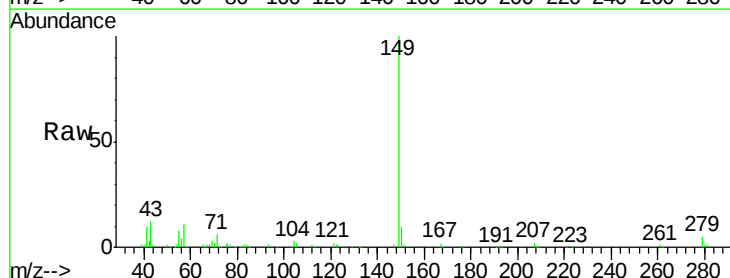
Tgt Ion:149 Resp: 132160

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

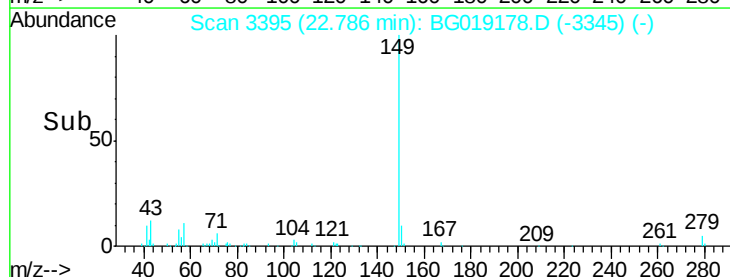
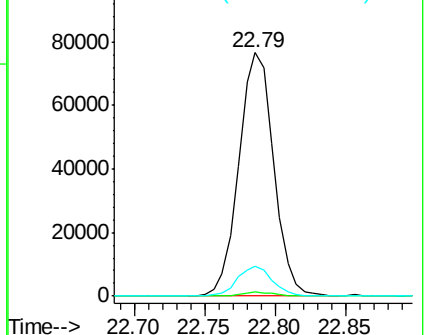
43 12.6 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

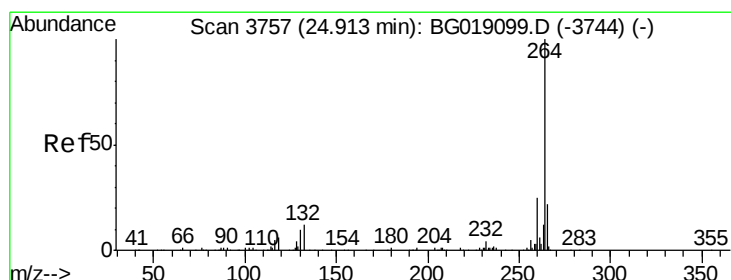
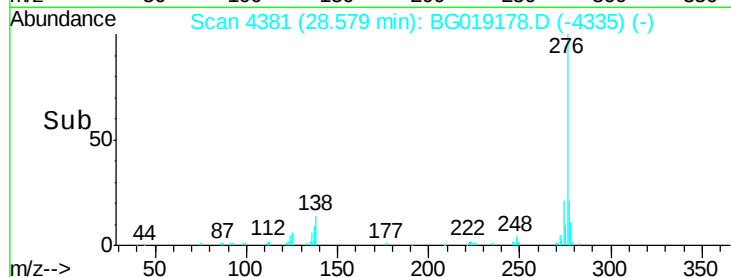
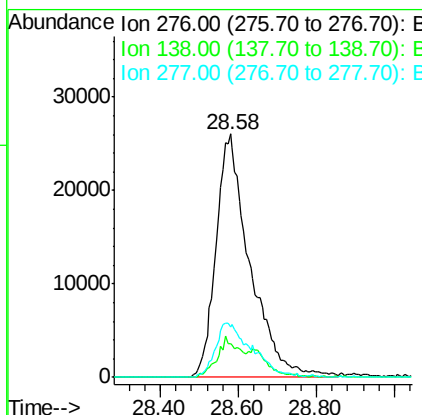
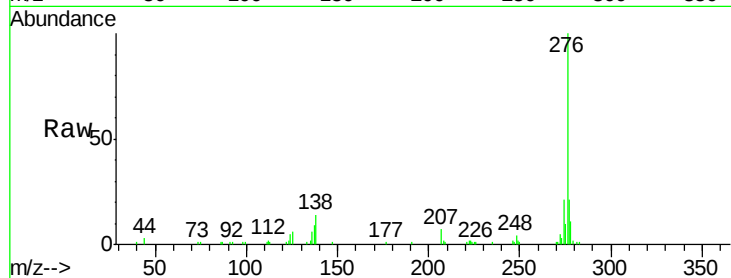




#85
Indeno(1,2,3-cd)pyrene
Concen: 14.15 ng
RT: 28.58 min Scan# 4381
Delta R.T. -0.03 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

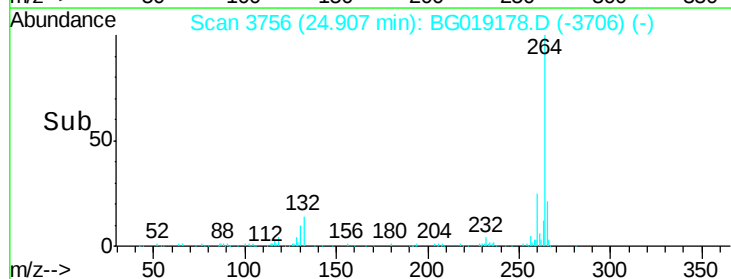
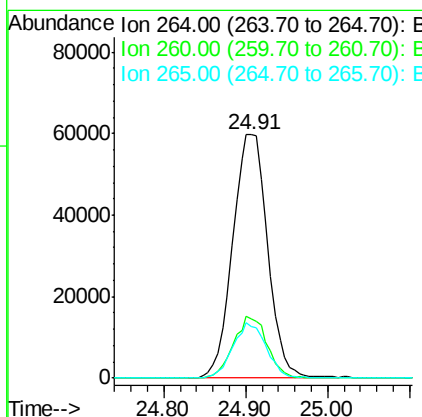
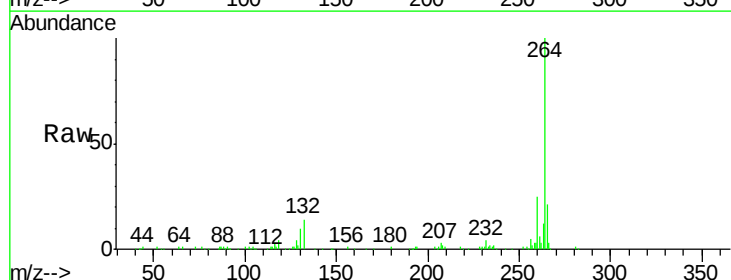
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2015-02

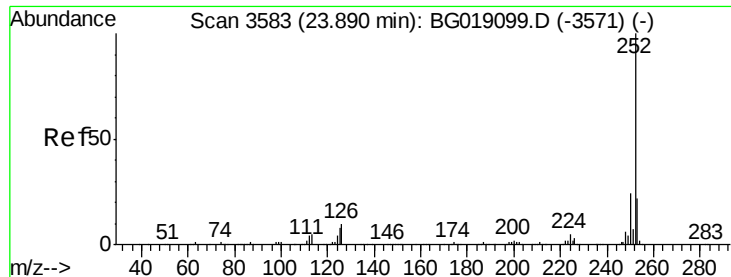
Tot Ion:276 Resp: 157129
Ion Ratio Lower Upper
276 100
138 11.0 10.2 15.4
277 24.0 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.91 min Scan# 3756
Delta R.T. -0.01 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

Tgt Ion:264 Resp: 177641
Ion Ratio Lower Upper
264 100
260 24.6 20.1 30.1
265 21.3 17.2 25.8

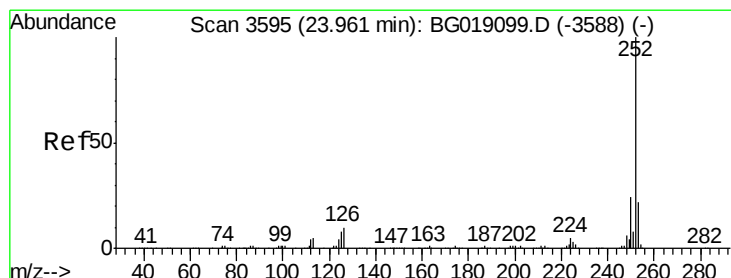
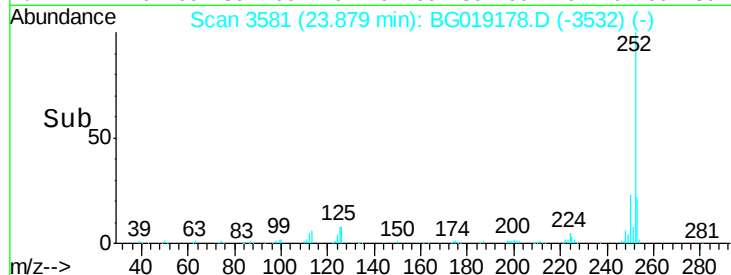
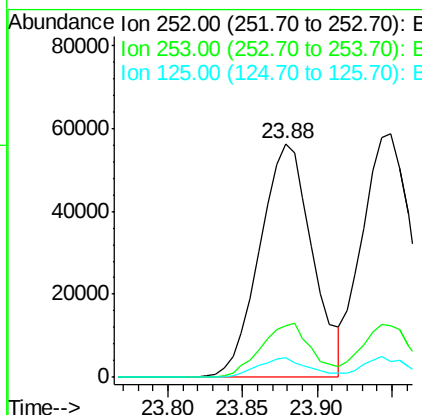
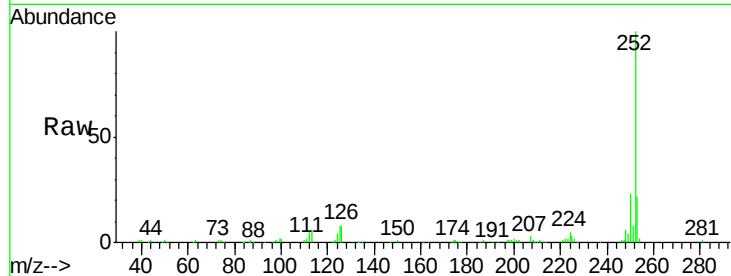




#87
Benzo(b)fluoranthene
Concen: 14.45 ng
RT: 23.88 min Scan# 3581
Delta R.T. -0.01 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

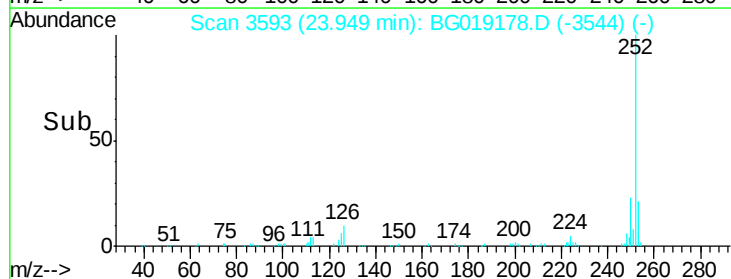
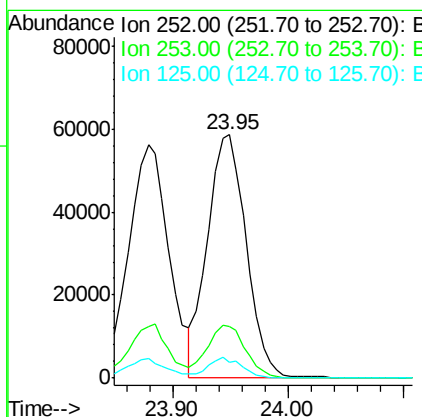
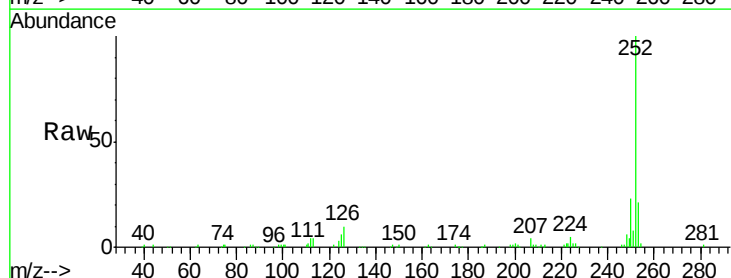
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2015-02

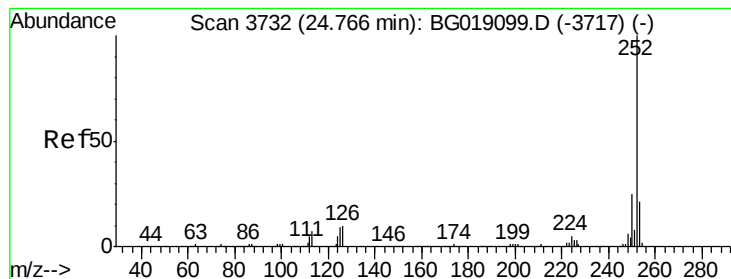
Tot Ion:252	Resp:	138048
Ion Ratio	Lower	Upper
252	100	
253	21.9	17.5 26.3
125	8.3	6.6 9.8



#88
Benzo(k)fluoranthene
Concen: 14.53 ng
RT: 23.95 min Scan# 3593
Delta R.T. -0.01 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

Tgt Ion:252	Resp:	137049
Ion Ratio	Lower	Upper
252	100	
253	21.0	17.0 25.4
125	6.5	6.4 9.6





#89

Benzo(a)pyrene

Concen: 14.77 ng

RT: 24.75 min Scan# 3729

Delta R.T. -0.02 min

Lab File: BG019178.D

Acq: 13 Oct 2015 4:04

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2015-02

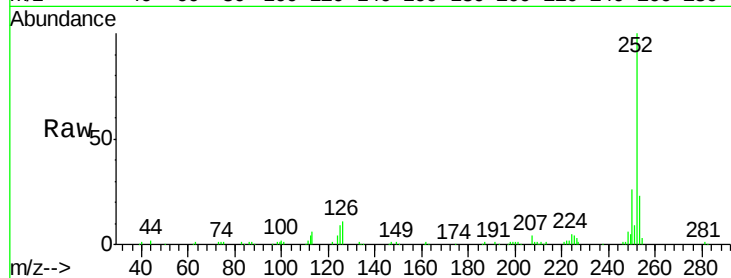
Tot Ion:252 Resp: 133295

Ion Ratio Lower Upper

252 100

253 23.0 17.0 25.4

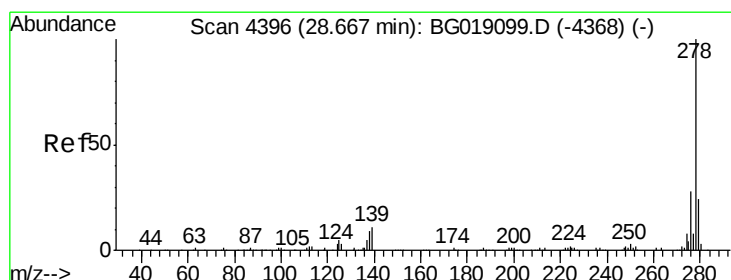
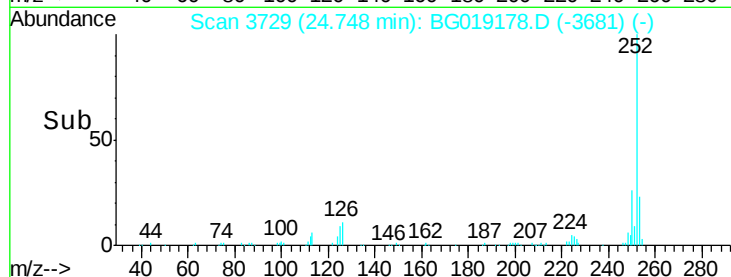
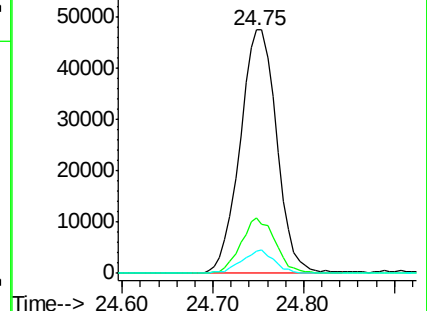
125 9.1 7.2 10.8



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: 13.99 ng

RT: 28.64 min Scan# 4392

Delta R.T. -0.02 min

Lab File: BG019178.D

Acq: 13 Oct 2015 4:04

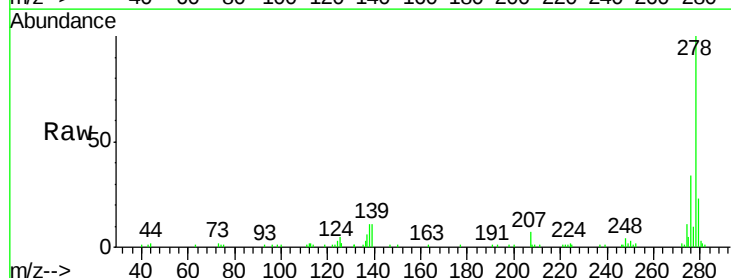
Tgt Ion:278 Resp: 135539

Ion Ratio Lower Upper

278 100

139 11.2 8.6 12.8

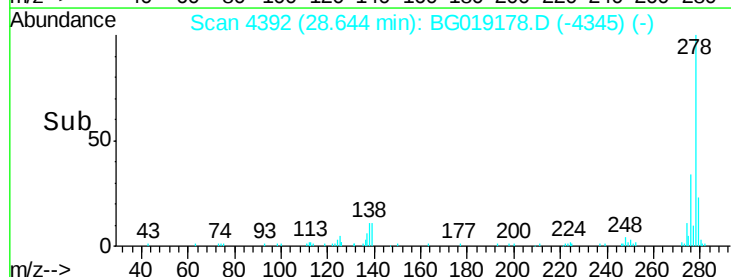
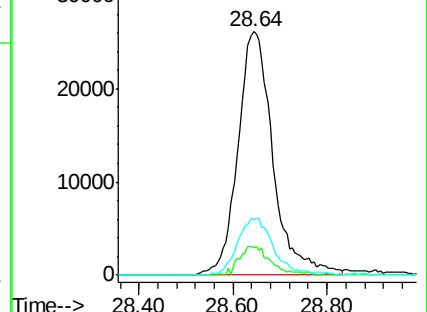
279 22.9 19.5 29.3

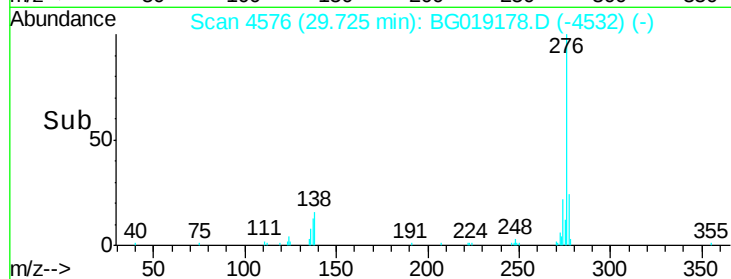
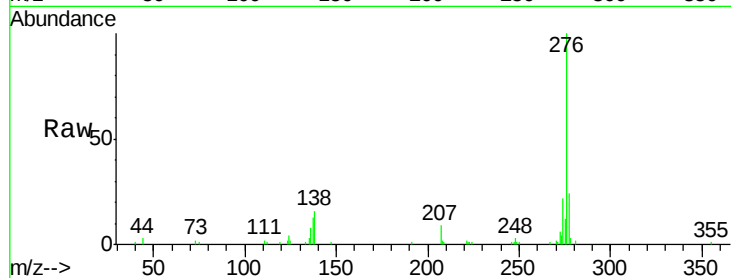
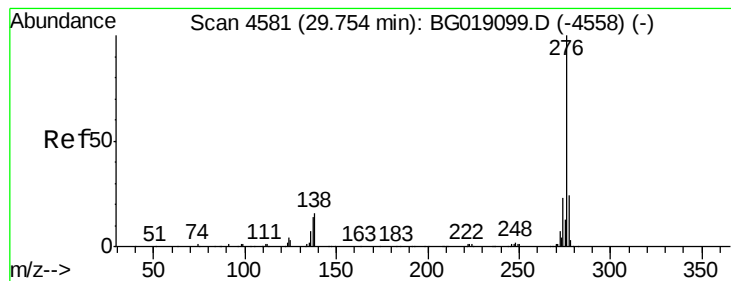


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 13.31 ng

RT: 29.72 min Scan# 4576

Delta R.T. -0.04 min

Lab File: BG019178.D

Acq: 13 Oct 2015 4:04

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2015-02

Tot Ion: 276 Resp: 119948

Ion Ratio Lower Upper

276 100

277 23.5 19.5 29.3

138 16.4 13.0 19.6

