

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010615\
 Data File : BG015855.D
 Acq On : 6 Jan 2015 11:48
 Operator : TP/IZ
 Sample : G1001-05
 Misc : LOD-WATER-1PPM
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER2015-01

Quant Time: Jan 07 00:36:26 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG010515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 07 00:25:26 2015
 Response via : Initial Calibration

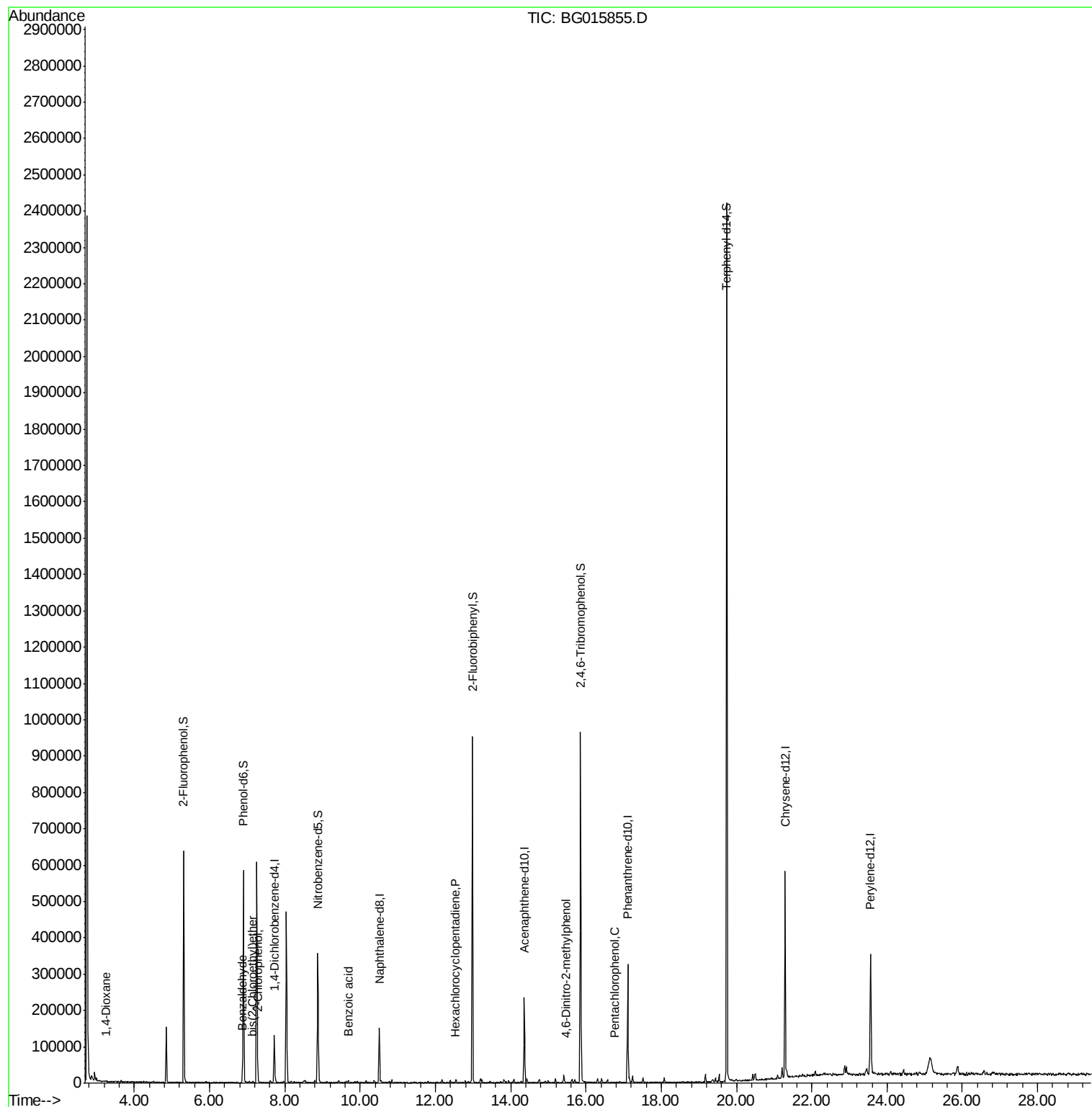
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	29954	20.00	ng	0.00
21) Naphthalene-d8	10.51	136	103808	20.00	ng	0.00
38) Acenaphthene-d10	14.36	164	80737	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	191180	20.00	ng	0.00
75) Chrysene-d12	21.29	240	288210	20.00	ng	0.00
86) Perylene-d12	23.56	264	266758	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	221763	63.67	ng	0.00
7) Phenol-d6	6.90	99	301478	62.15	ng	0.00
23) Nitrobenzene-d5	8.88	82	208457	39.40	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	180817	58.92	ng	0.00
44) 2-Fluorobiphenyl	12.98	172	437675	38.72	ng	0.00
78) Terphenyl-d14	19.74	244	1043161	40.44	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.25	88	1164	1.46	ng	# 32
8) 2-Chlorophenol	7.28	128	1860	1.04	ng	# 55
9) Benzaldehyde	6.87	77	1668	1.02	ng	# 59
11) bis(2-Chloroethyl)ether	7.15	93	1992	1.02	ng	# 92
32) Benzoic acid	9.69	122	1405	7.18	ng	# 8
40) Hexachlorocyclopentadiene	12.53	237	527	3.26	ng	# 65
64) 4,6-Dinitro-2-methylphenol	15.46	198	65	3.59	ng	# 39
69) Pentachlorophenol	16.77	266	224	3.22	ng	# 9

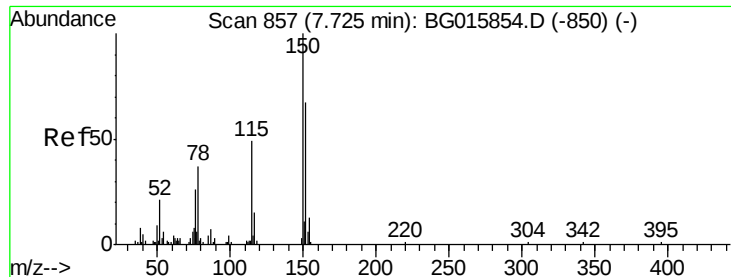
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010615\
Data File : BG015855.D
Acq On : 6 Jan 2015 11:48
Operator : TP/IZ
Sample : G1001-05
Misc : LOD-WATER-1PPM
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2015-01

Quant Time: Jan 07 00:36:26 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG010515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 07 00:25:26 2015
Response via : Initial Calibration



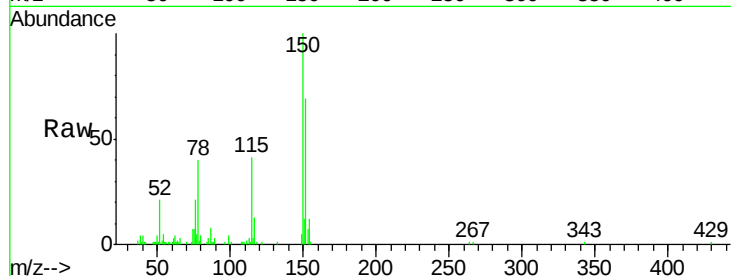


#1

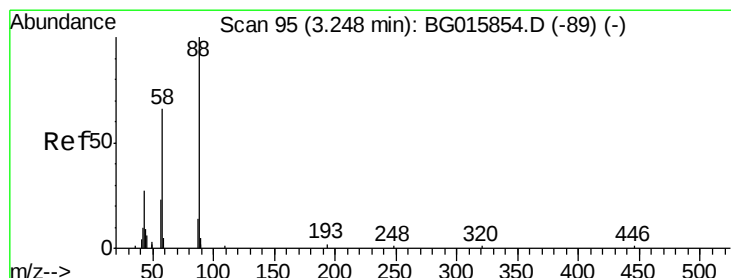
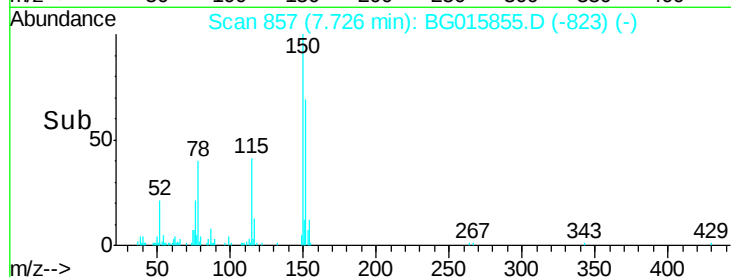
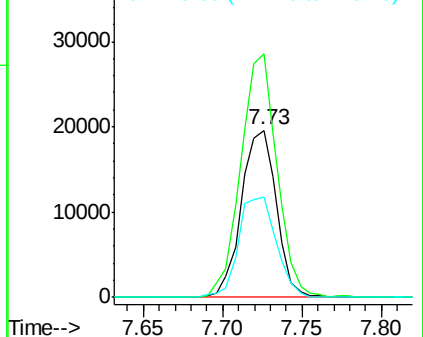
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.73 min Scan# 857
Delta R.T. 0.00 min
Lab File: BG015855.D
Acq: 6 Jan 2015 11:48

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2015-01

Tgt Ion:152 Resp: 29954
Ion Ratio Lower Upper
152 100
150 145.5 120.5 180.7
115 59.9 54.0 81.0



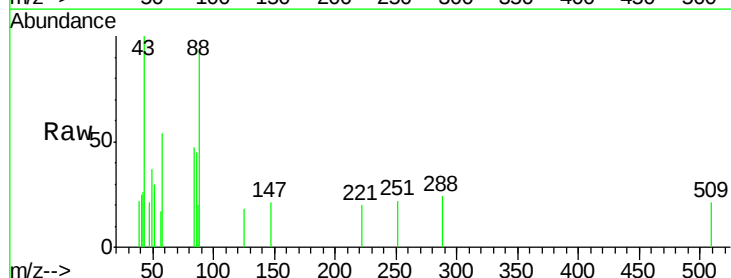
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



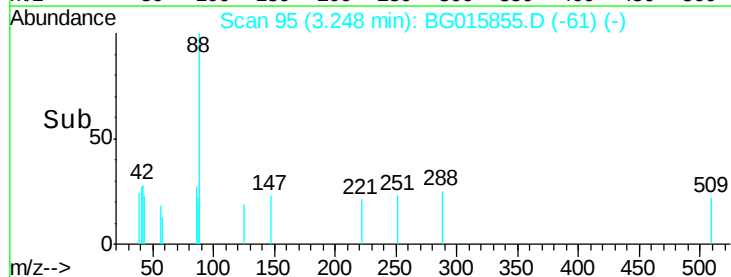
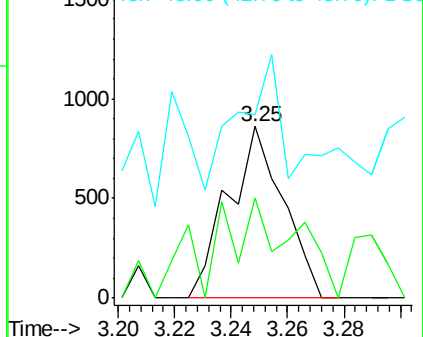
#2

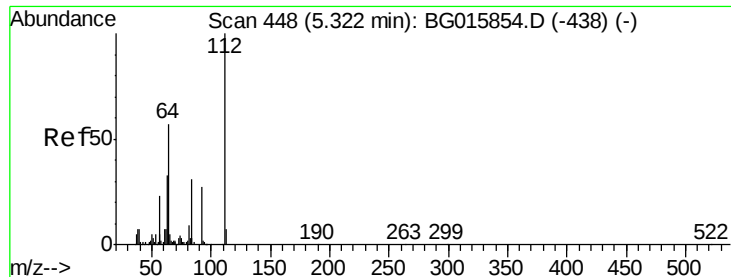
1,4-Dioxane
Concen: 1.46 ng
RT: 3.25 min Scan# 95
Delta R.T. 0.00 min
Lab File: BG015855.D
Acq: 6 Jan 2015 11:48

Tgt Ion: 88 Resp: 1164
Ion Ratio Lower Upper
88 100
58 69.2 37.9 56.9#
43 94.2 20.7 31.1#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 63.67 ng

RT: 5.32 min Scan# 447

Delta R.T. -0.01 min

Lab File: BG015855.D

Acq: 6 Jan 2015 11:48

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2015-01

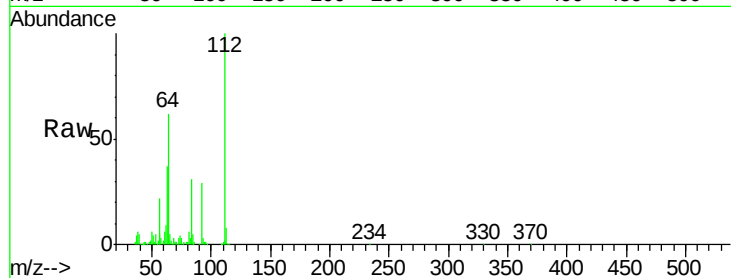
Tgt Ion: 112 Resp: 221763

Ion Ratio Lower Upper

112 100

64 61.9 46.8 70.2

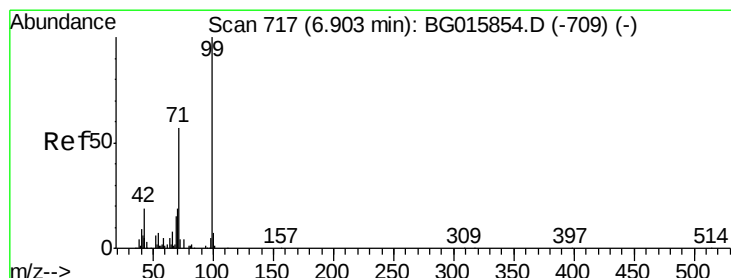
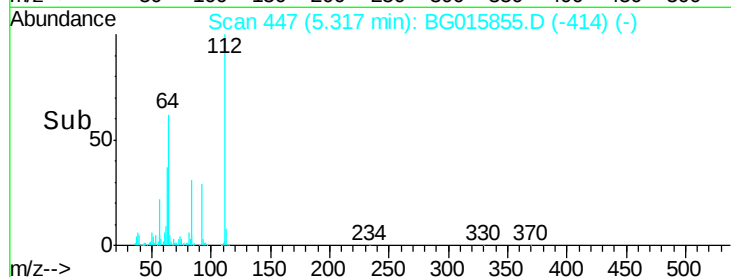
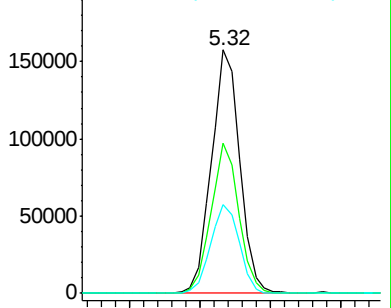
63 36.5 30.6 45.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 62.15 ng

RT: 6.90 min Scan# 717

Delta R.T. 0.00 min

Lab File: BG015855.D

Acq: 6 Jan 2015 11:48

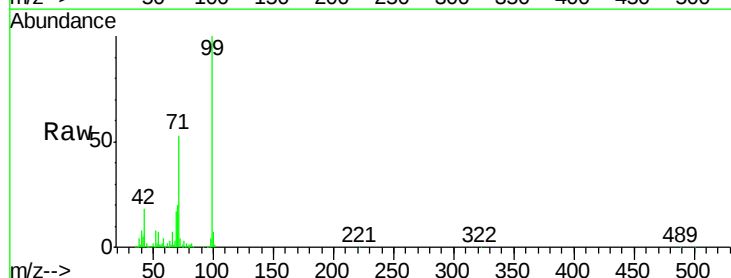
Tgt Ion: 99 Resp: 301478

Ion Ratio Lower Upper

99 100

42 18.0 13.8 20.8

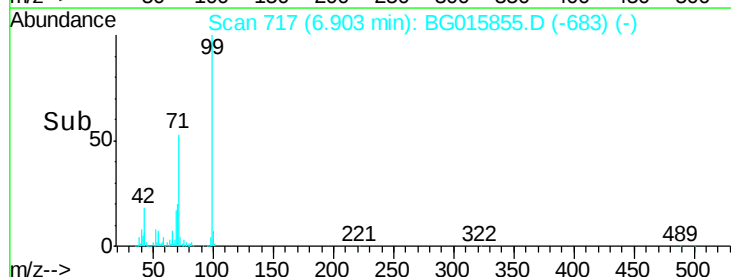
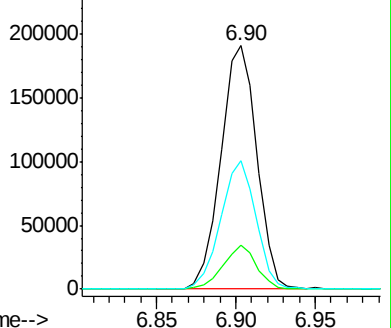
71 52.5 42.8 64.2

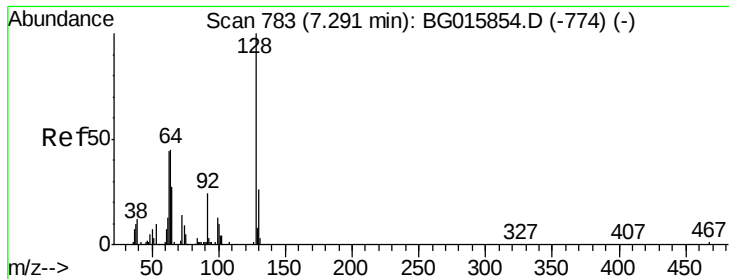


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC





#8

2-Chlorophenol

Concen: 1.04 ng

RT: 7.28 min Scan# 782

Delta R.T. -0.01 min

Lab File: BG015855.D

Acq: 6 Jan 2015 11:48

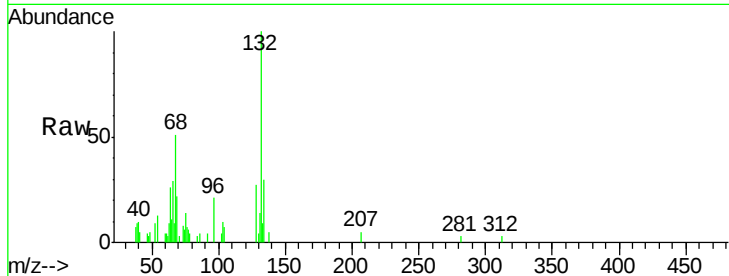
Instrument :

BNA_G

ClientSampleId :

LOD-WATER2015-01

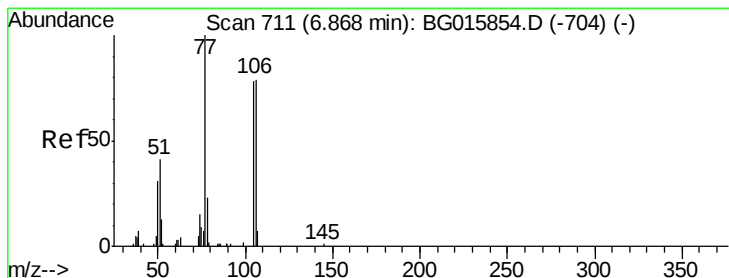
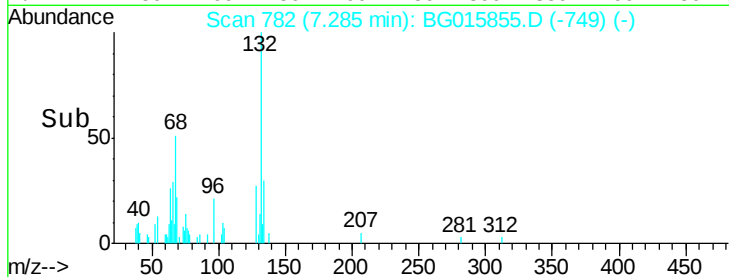
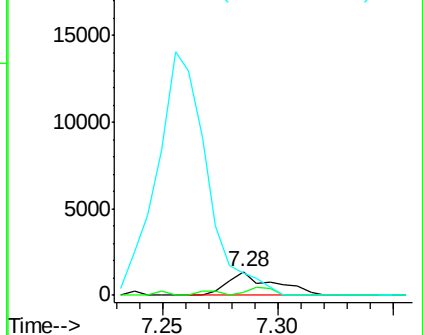
Tgt Ion:	128	Resp:	1860
Ion	Ratio	Lower	Upper
128	100		
130	14.4	10.6	50.6
64	95.9	36.4	76.4#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BGC



#9

Benzaldehyde

Concen: 1.02 ng

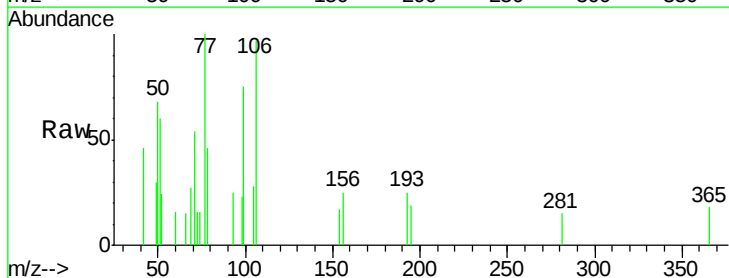
RT: 6.87 min Scan# 711

Delta R.T. 0.00 min

Lab File: BG015855.D

Acq: 6 Jan 2015 11:48

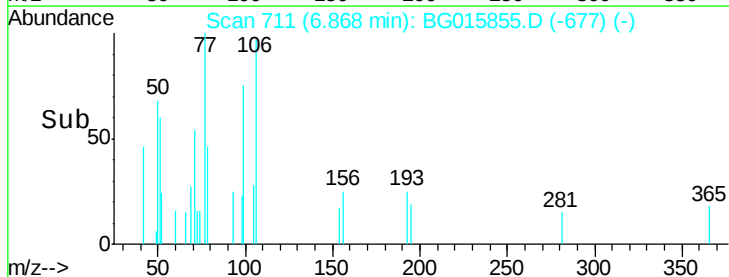
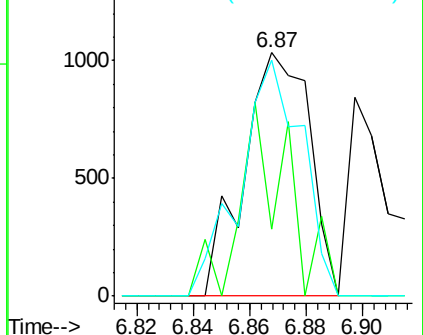
Tgt Ion:	77	Resp:	1668
Ion	Ratio	Lower	Upper
77	100		
105	27.8	62.4	102.4#
106	97.2	59.5	99.5

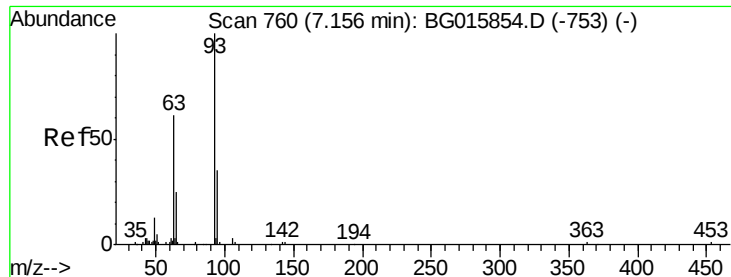


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

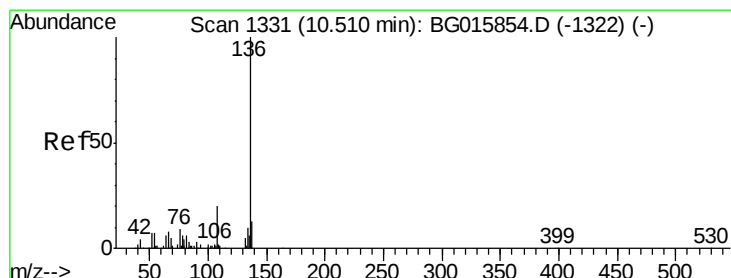
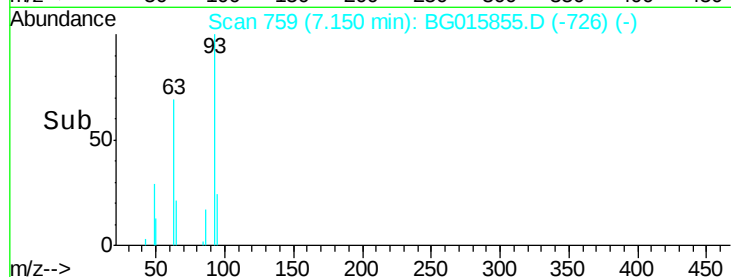
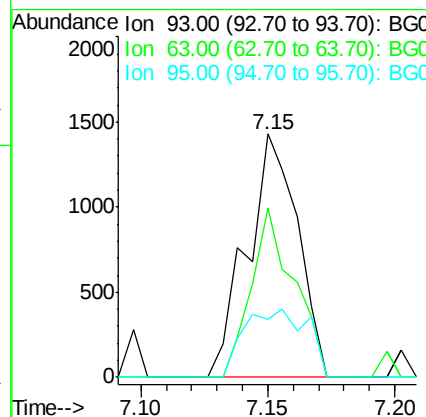
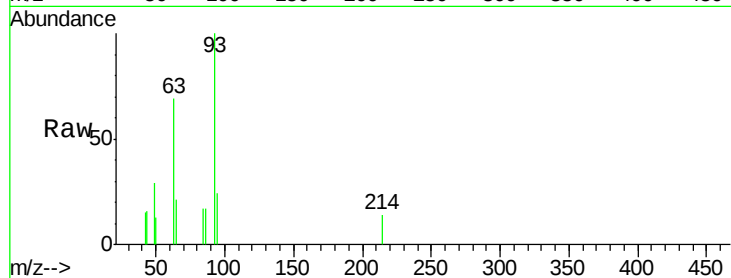




#11
bis(2-Chloroethyl)ether
Concen: 1.02 ng
RT: 7.15 min Scan# 759
Delta R.T. -0.01 min
Lab File: BG015855.D
Acq: 6 Jan 2015 11:48

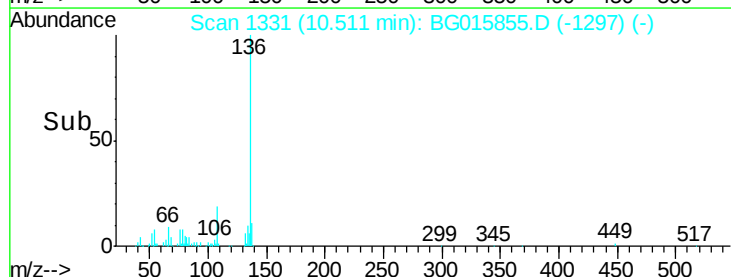
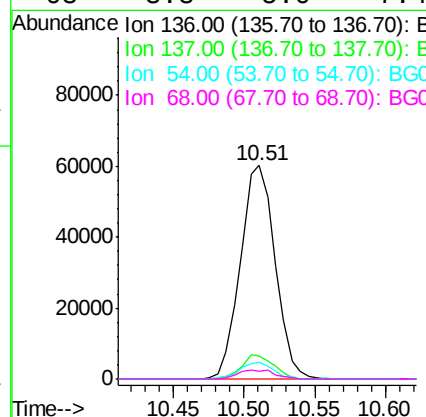
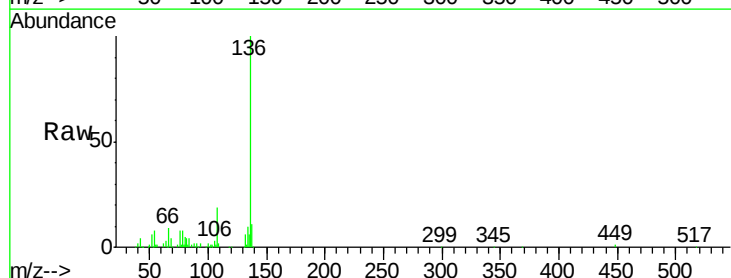
Instrument :
BNA_G
ClientSampleId :
LOD-WATER2015-01

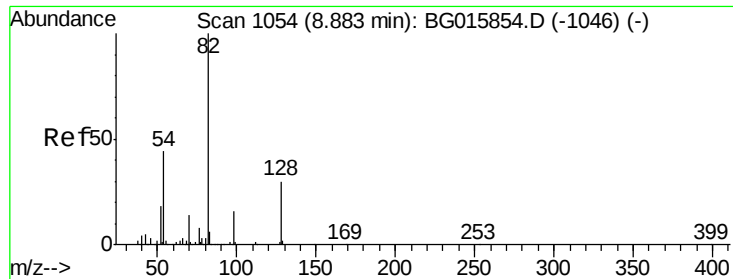
Tgt Ion:	93	Resp:	1992
Ion	Ratio	Lower	Upper
93	100		
63	69.3	45.1	85.1
95	24.0	12.1	52.1



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.51 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BG015855.D
Acq: 6 Jan 2015 11:48

Tgt Ion:	136	Resp:	103808
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.6	14.4
54	7.6	4.5	6.7#
68	3.8	5.0	7.4#

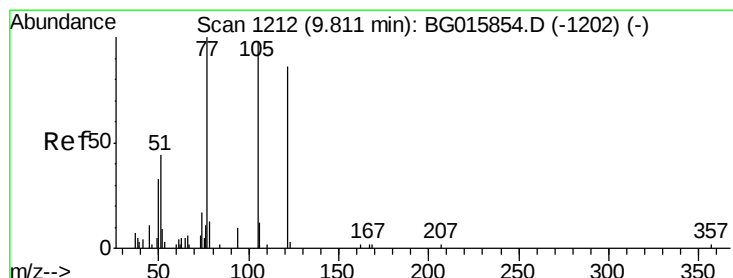
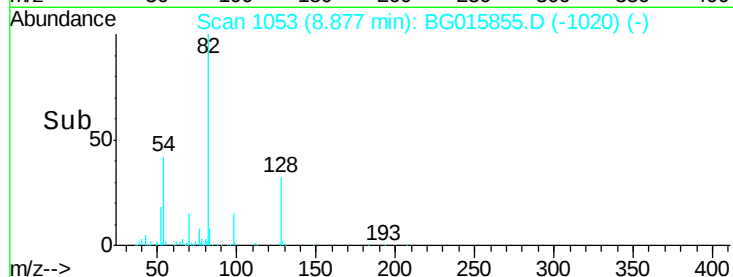
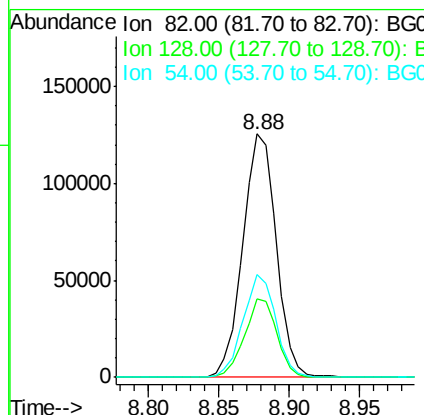
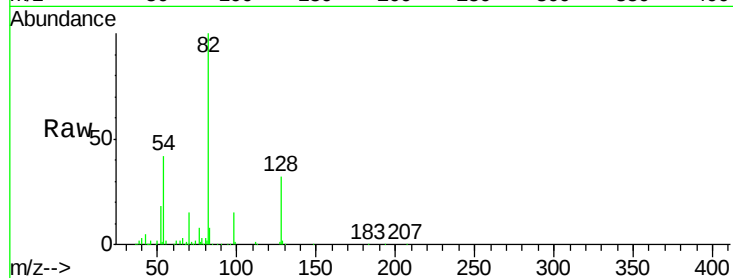




#23
 Nitrobenzene-d5
 Concen: 39.40 ng
 RT: 8.88 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BG015855.D
 Acq: 6 Jan 2015 11:48

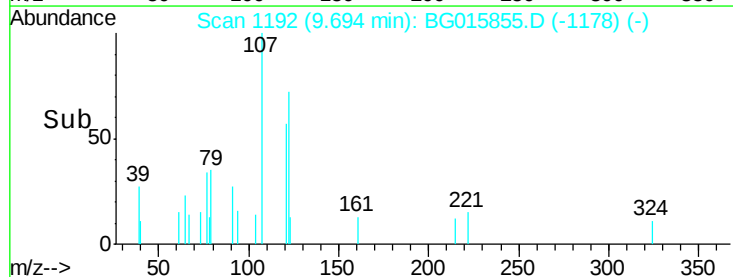
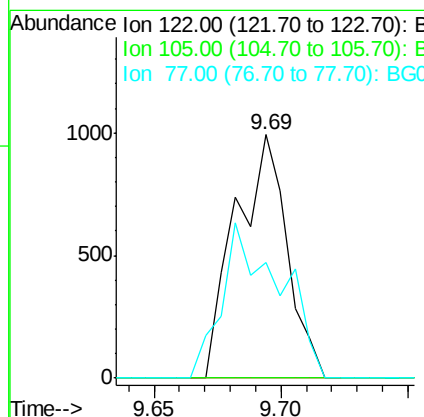
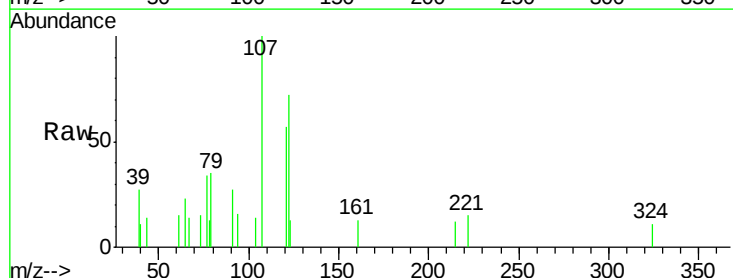
Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER2015-01

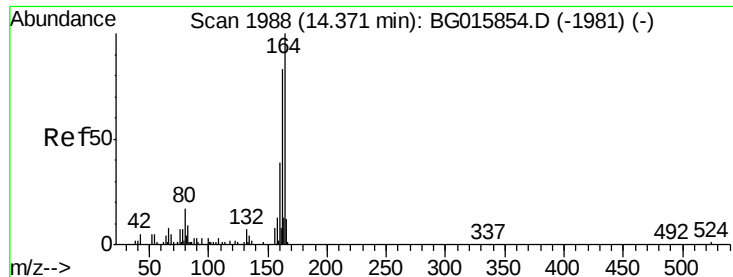
Tgt Ion: 82 Resp: 208457
 Ion Ratio Lower Upper
 82 100
 128 32.2 23.4 35.0
 54 42.0 32.3 48.5



#32
 Benzoic acid
 Concen: 7.18 ng
 RT: 9.69 min Scan# 1192
 Delta R.T. -0.12 min
 Lab File: BG015855.D
 Acq: 6 Jan 2015 11:48

Tgt Ion: 122 Resp: 1405
 Ion Ratio Lower Upper
 122 100
 105 0.0 123.7 163.7#
 77 47.2 92.4 132.4#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.36 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BG015855.D

Acq: 6 Jan 2015 11:48

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2015-01

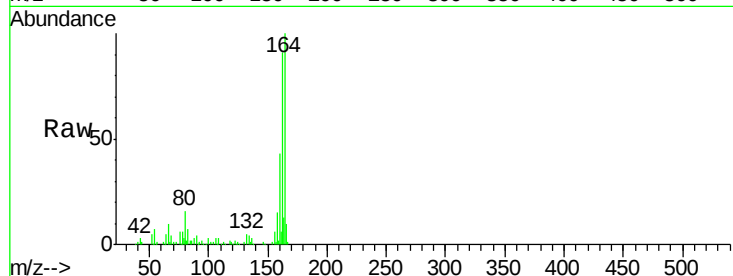
Tgt Ion:164 Resp: 80737

Ion Ratio Lower Upper

164 100

162 90.7 75.5 113.3

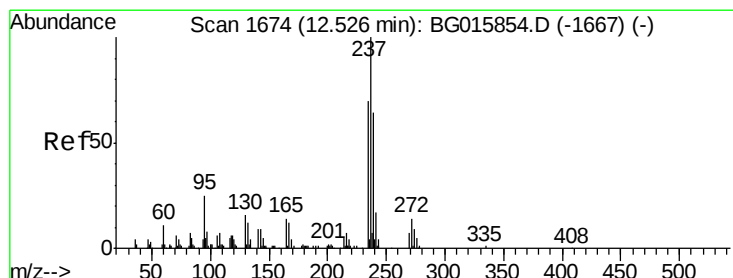
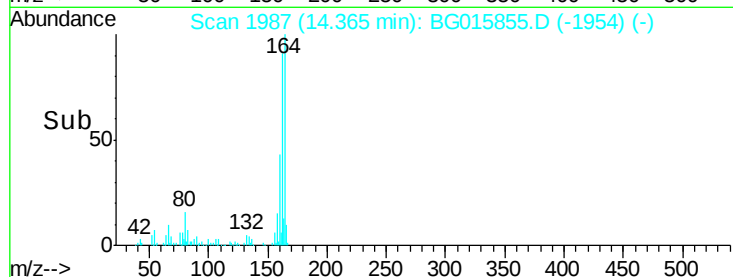
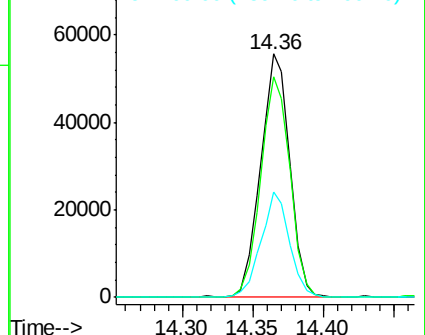
160 43.5 37.4 56.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

Hexachlorocyclopentadiene

Concen: 3.26 ng

RT: 12.53 min Scan# 1674

Delta R.T. 0.00 min

Lab File: BG015855.D

Acq: 6 Jan 2015 11:48

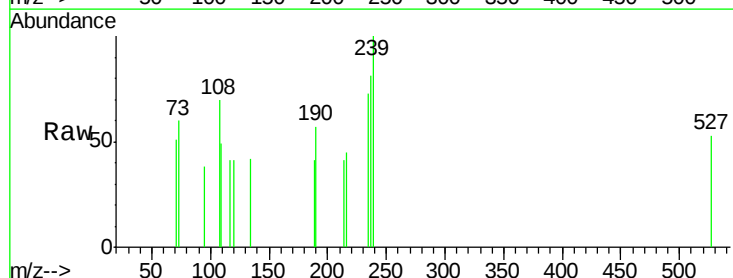
Tgt Ion:237 Resp: 527

Ion Ratio Lower Upper

237 100

235 91.1 43.2 83.2#

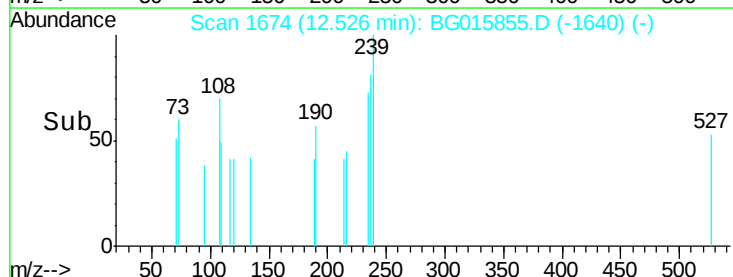
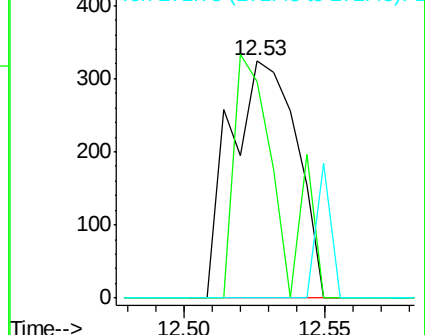
272 0.0 0.0 31.1

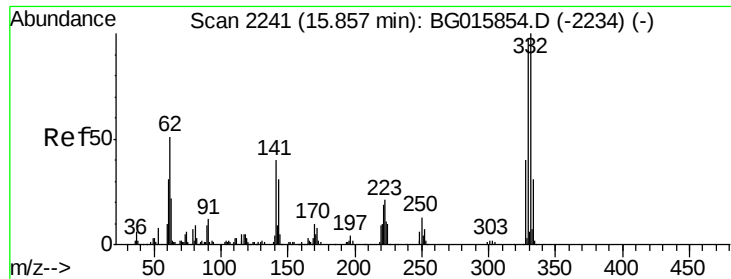


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

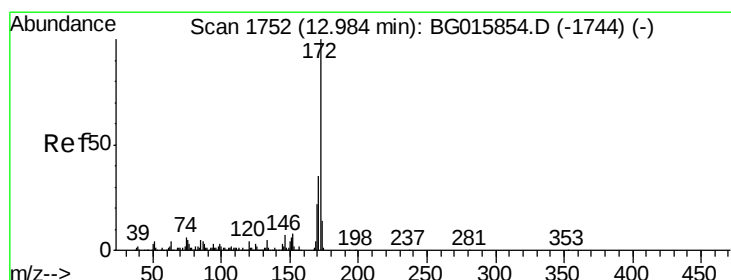
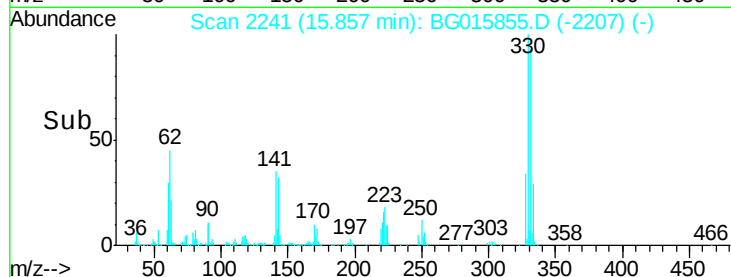
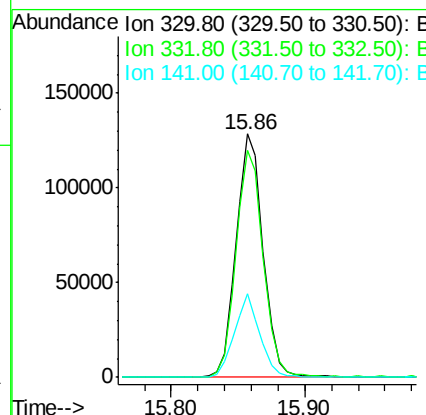
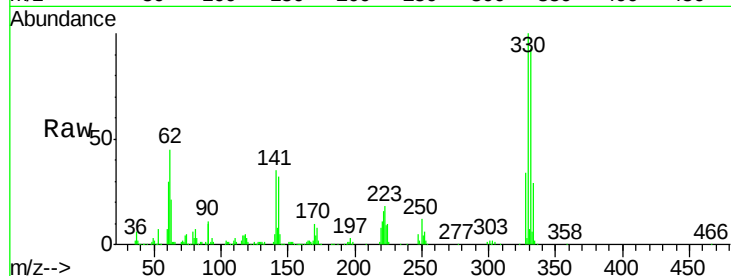




#41
 2,4,6-Tribromophenol
 Concen: 58.92 ng
 RT: 15.86 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: BG015855.D
 Acq: 6 Jan 2015 11:48

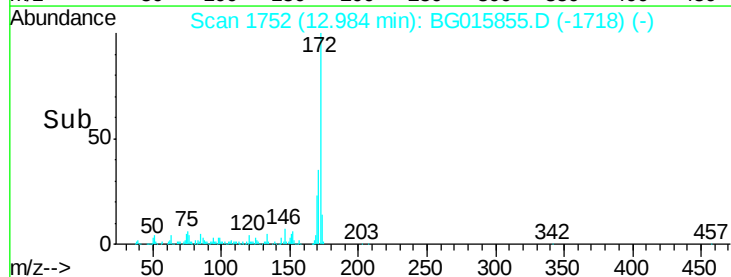
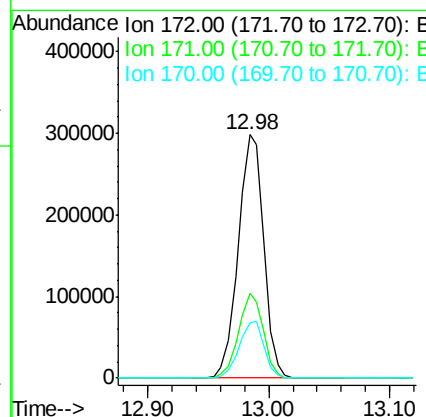
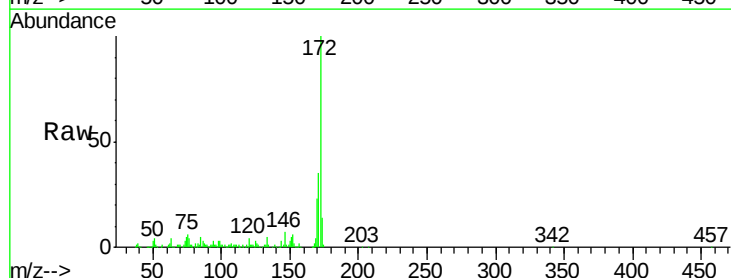
Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER2015-01

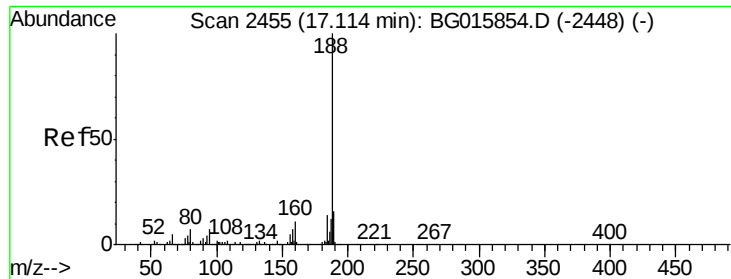
Tgt Ion:330 Resp: 180817
 Ion Ratio Lower Upper
 330 100
 332 94.6 73.8 110.8
 141 32.5 27.2 40.8



#44
 2-Fluorobiphenyl
 Concen: 38.72 ng
 RT: 12.98 min Scan# 1752
 Delta R.T. 0.00 min
 Lab File: BG015855.D
 Acq: 6 Jan 2015 11:48

Tgt Ion:172 Resp: 437675
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.6 43.0
 170 23.0 18.2 27.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.11 min Scan# 2455

Delta R.T. 0.00 min

Lab File: BG015855.D

Acq: 6 Jan 2015 11:48

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2015-01

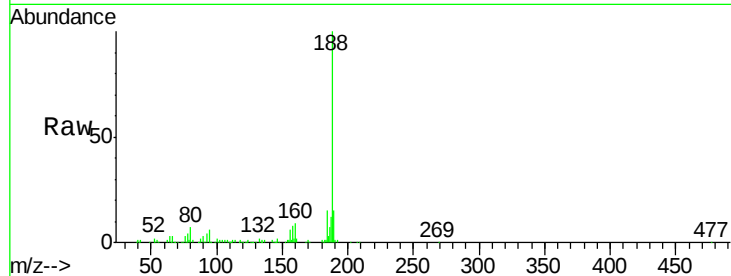
Tgt Ion:188 Resp: 191180

Ion Ratio Lower Upper

188 100

94 6.3 5.4 8.0

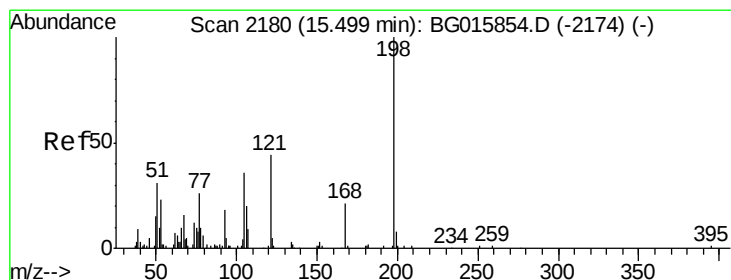
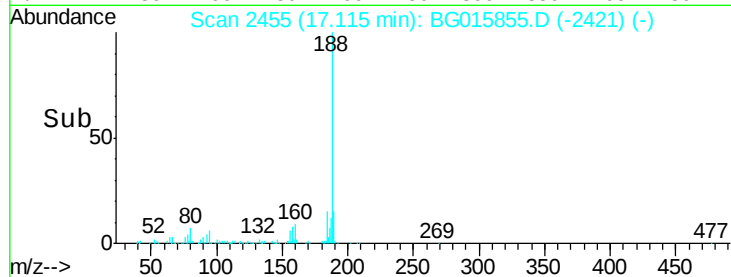
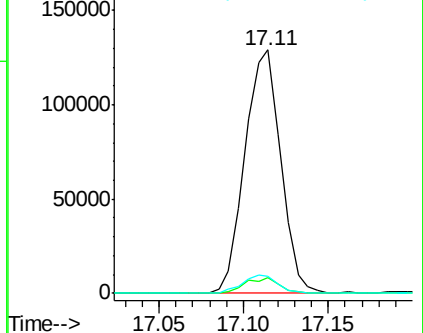
80 7.2 6.6 9.8



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: 3.59 ng

RT: 15.46 min Scan# 2174

Delta R.T. -0.04 min

Lab File: BG015855.D

Acq: 6 Jan 2015 11:48

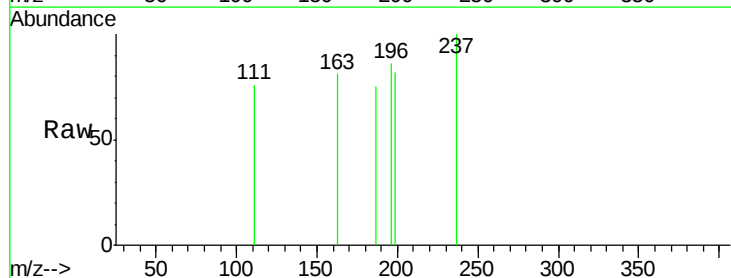
Tgt Ion:198 Resp: 65

Ion Ratio Lower Upper

198 100

51 0.0 13.6 53.6#

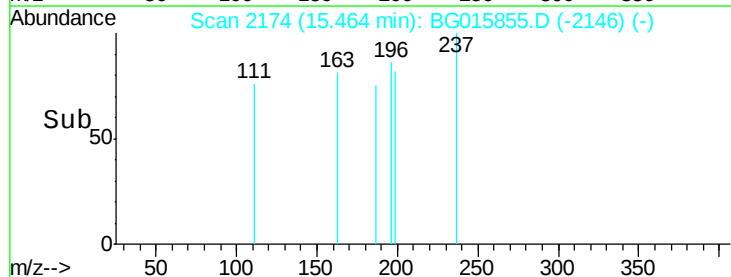
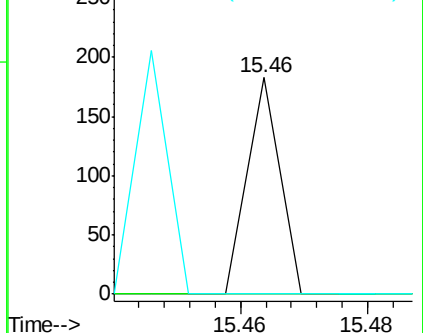
105 0.0 17.9 57.9#

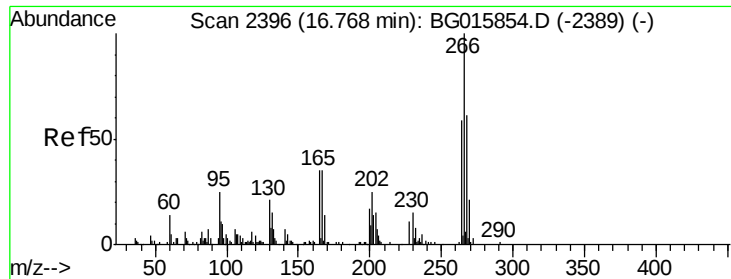


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#69

Pentachlorophenol

Concen: 3.22 ng

RT: 16.77 min Scan# 2397

Delta R.T. 0.01 min

Lab File: BG015855.D

Acq: 6 Jan 2015 11:48

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2015-01

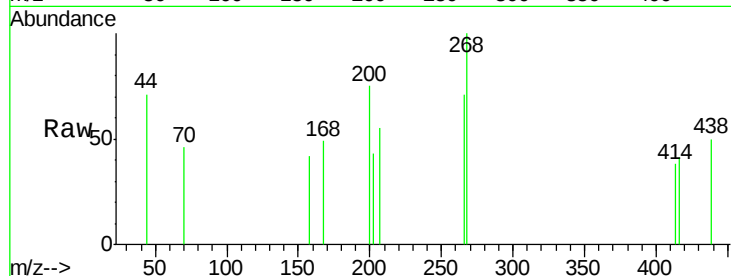
Tgt Ion:266 Resp: 224

Ion Ratio Lower Upper

266 100

268 141.1 50.2 75.2#

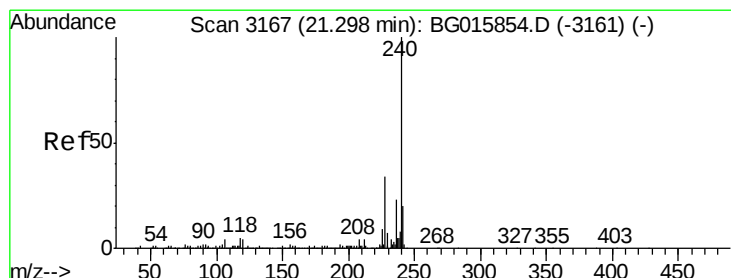
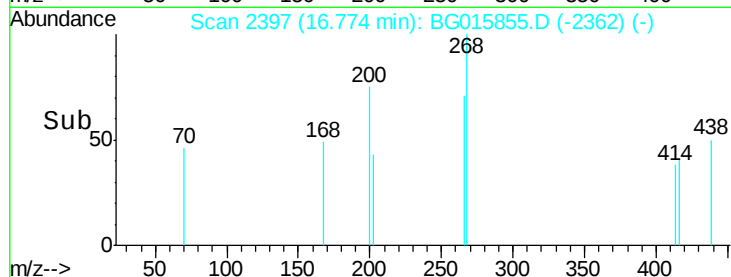
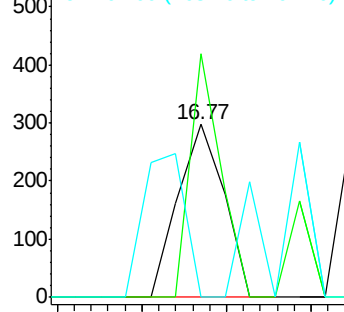
264 0.0 48.2 72.2#



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.29 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG015855.D

Acq: 6 Jan 2015 11:48

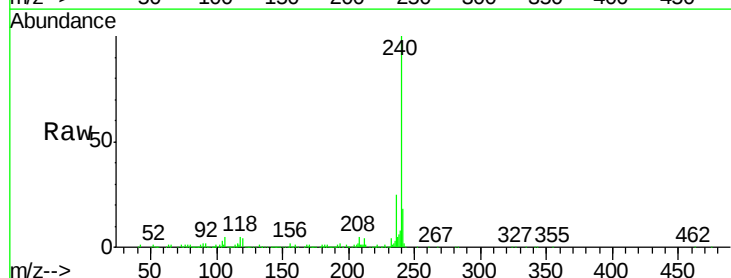
Tgt Ion:240 Resp: 288210

Ion Ratio Lower Upper

240 100

120 3.9 3.4 5.2

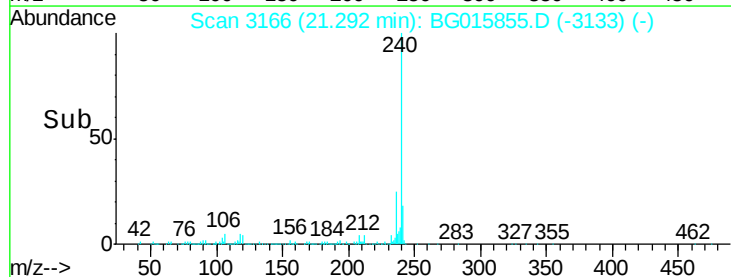
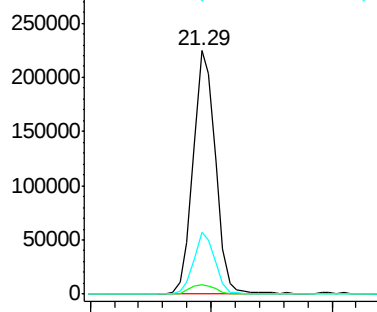
236 25.2 19.0 28.6

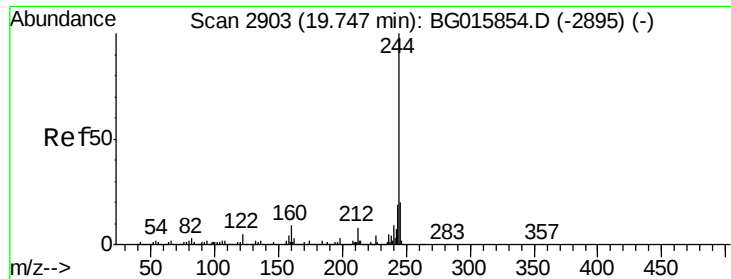


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 40.44 ng

RT: 19.74 min Scan# 2902

Delta R.T. -0.01 min

Lab File: BG015855.D

Acq: 6 Jan 2015 11:48

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2015-01

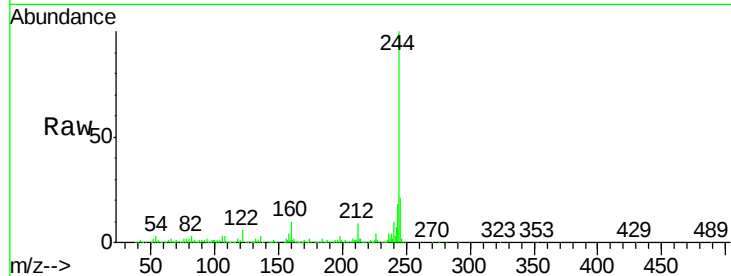
Tgt Ion:244 Resp: 1043161

Ion Ratio Lower Upper

244 100

212 8.8 6.6 9.8

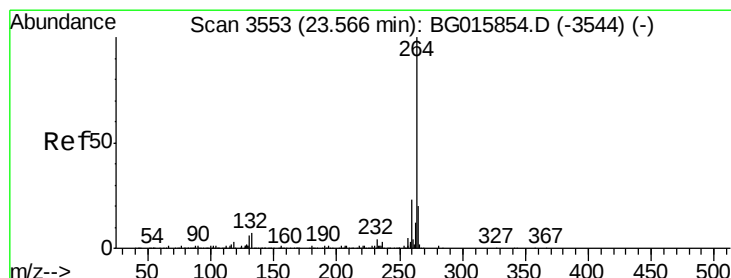
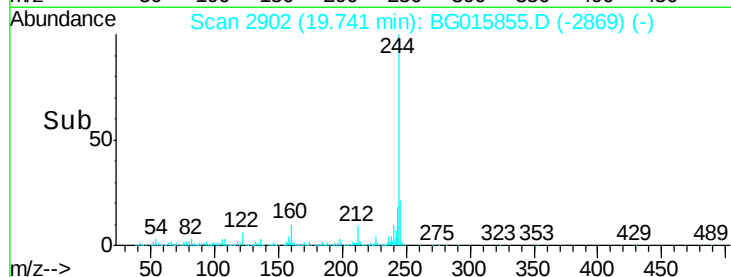
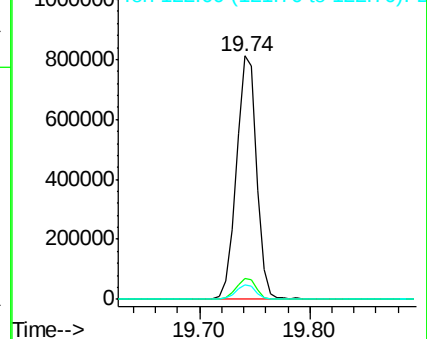
122 6.0 4.7 7.1



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.56 min Scan# 3552

Delta R.T. -0.01 min

Lab File: BG015855.D

Acq: 6 Jan 2015 11:48

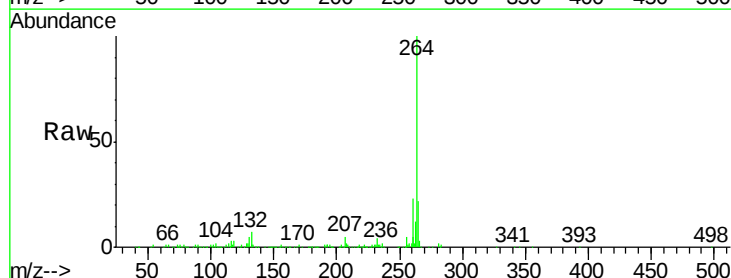
Tgt Ion:264 Resp: 266758

Ion Ratio Lower Upper

264 100

260 23.0 17.0 25.4

265 22.4 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

