

Data Path : S:\HPCHEM1\BNA_G\DATA\BG010615\
 Data File : BG015856.D
 Acq On : 6 Jan 2015 12:22
 Operator : TP/IZ
 Sample : G1001-05
 Misc : LOD-WATER-2PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER2015-01

Quant Time: Jan 07 17:41:38 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG010515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 06 08:46:19 2015
 Response via : Initial Calibration

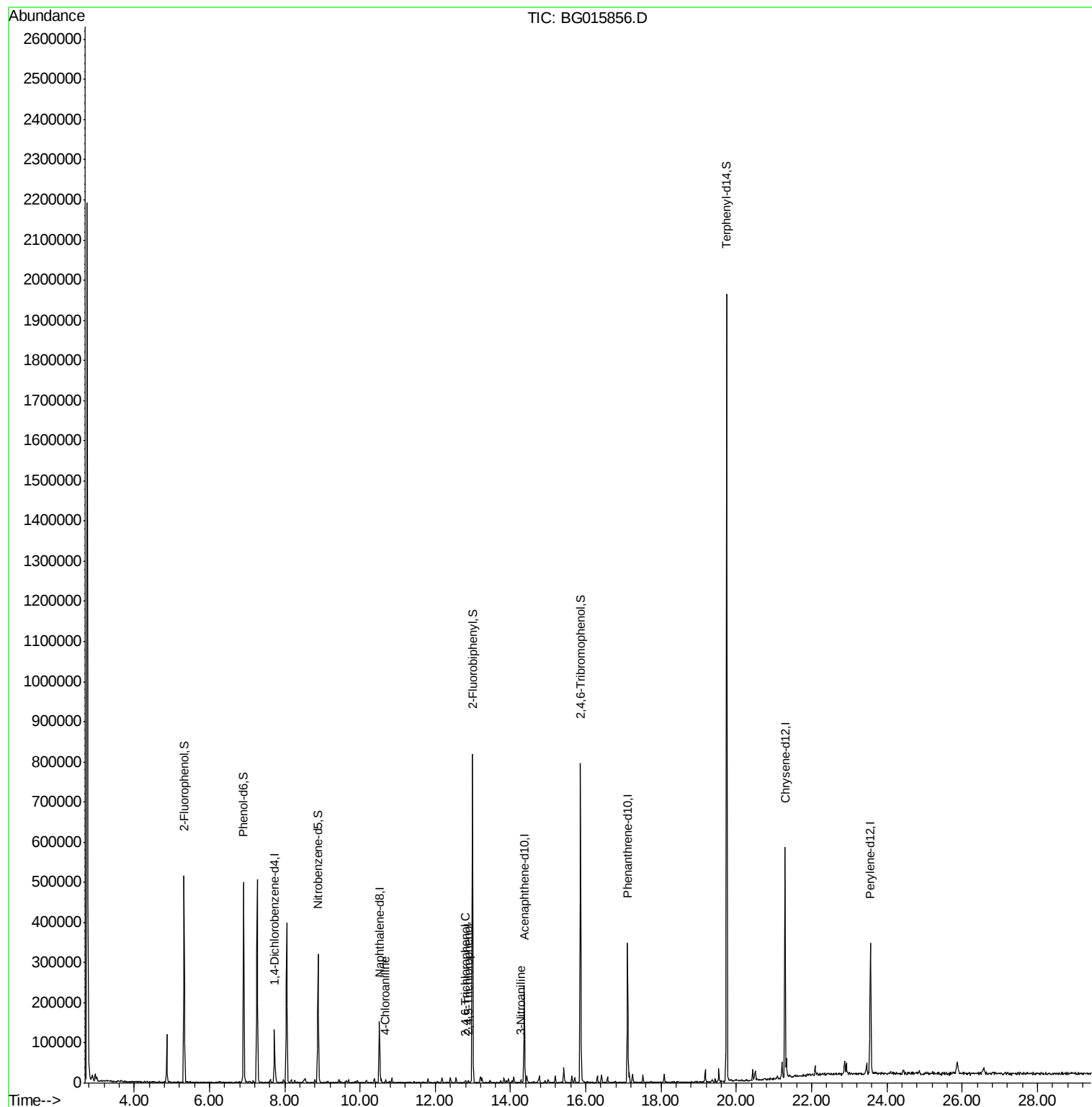
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	29555	20.00	ng	0.00
21) Naphthalene-d8	10.51	136	103103	20.00	ng	0.00
38) Acenaphthene-d10	14.37	164	76168	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	182205	20.00	ng	0.00
75) Chrysene-d12	21.29	240	273621	20.00	ng	0.00
86) Perylene-d12	23.56	264	263870	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	183540	53.41	ng	0.00
7) Phenol-d6	6.91	99	248001	51.81	ng	0.00
23) Nitrobenzene-d5	8.88	82	178872	34.04	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	148983	51.46	ng	0.00
44) 2-Fluorobiphenyl	12.98	172	369401	34.64	ng	0.00
78) Terphenyl-d14	19.74	244	866998	35.40	ng	0.00
Target Compounds						Qvalue
33) 4-Chloroaniline	10.69	127	1995	0.90	ng	# 77
42) 2,4,6-Trichlorophenol	12.79	196	2026	1.17	ng	# 72
43) 2,4,5-Trichlorophenol	12.87	196	2198	1.15	ng	# 58
52) 3-Nitroaniline	14.27	138	1131	0.98	ng	# 75

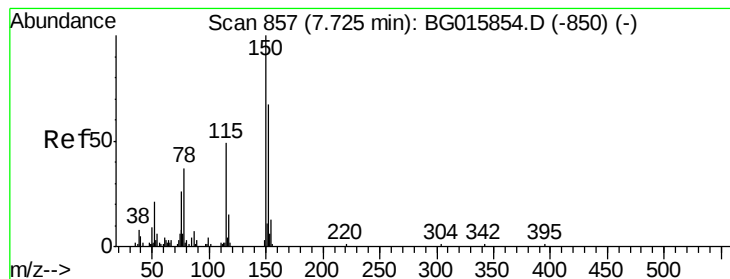
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.73 min Scan# 857

Delta R.T. -0.00 min

Lab File: BG015856.D

Acq: 6 Jan 2015 12:22

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2015-01

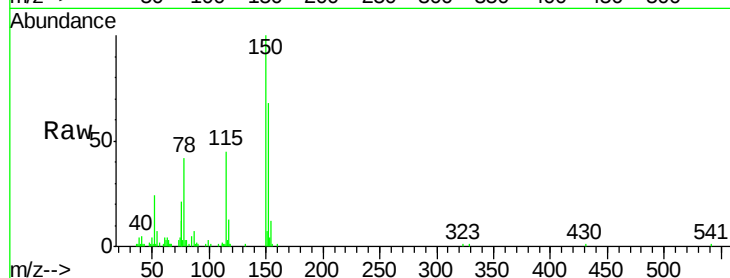
Tgt Ion:152 Resp: 29555

Ion Ratio Lower Upper

152 100

150 147.9 120.5 180.7

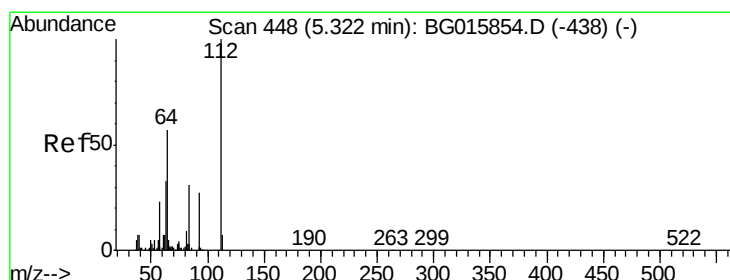
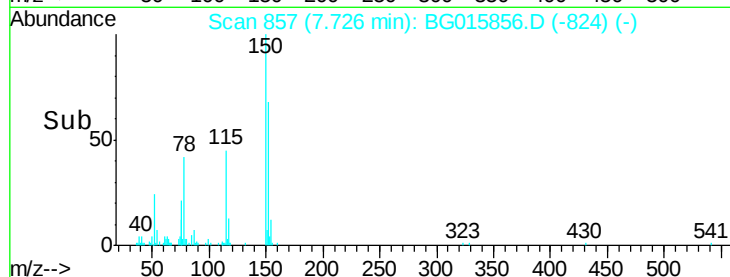
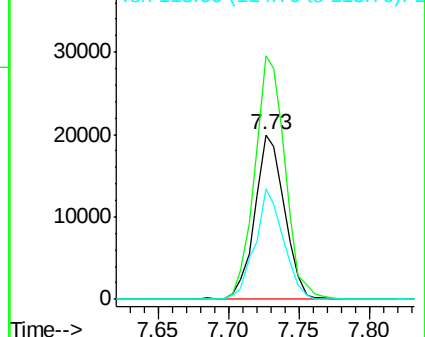
115 67.3 54.0 81.0



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



#5

2-Fluorophenol

Concen: 53.41 ng

RT: 5.33 min Scan# 449

Delta R.T. -0.00 min

Lab File: BG015856.D

Acq: 6 Jan 2015 12:22

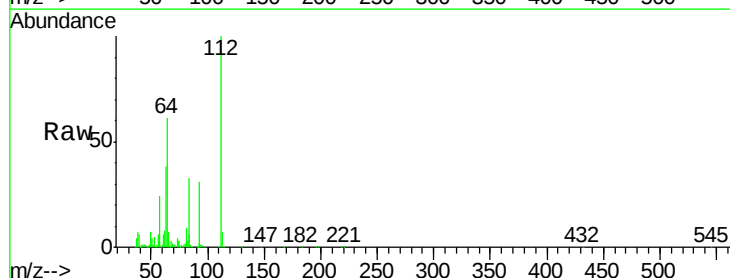
Tgt Ion:112 Resp: 183540

Ion Ratio Lower Upper

112 100

64 61.3 46.8 70.2

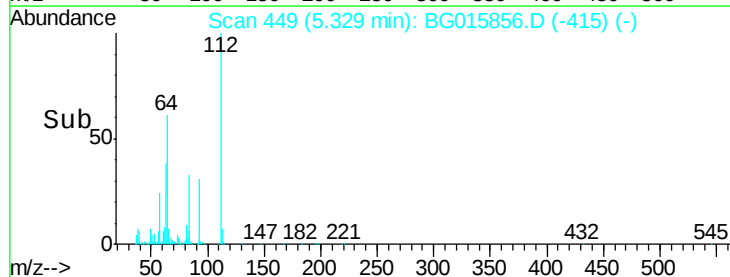
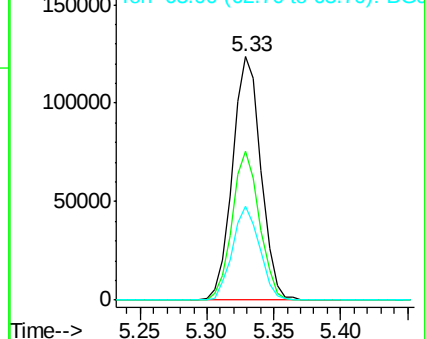
63 38.3 30.6 45.8

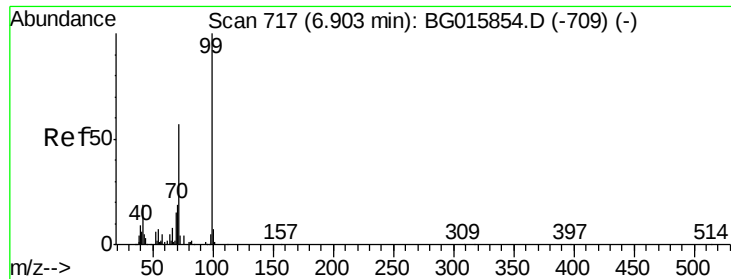


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 51.81 ng

RT: 6.91 min Scan# 718

Delta R.T. -0.00 min

Lab File: BG015856.D

Acq: 6 Jan 2015 12:22

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2015-01

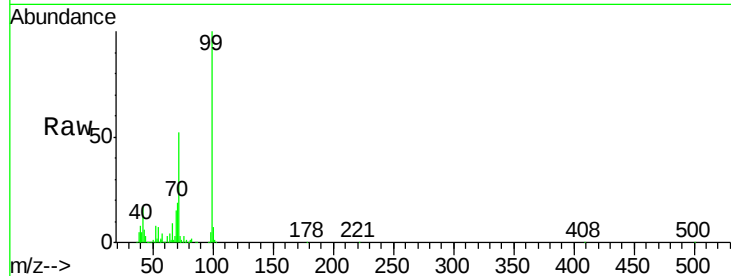
Tgt Ion: 99 Resp: 248001

Ion Ratio Lower Upper

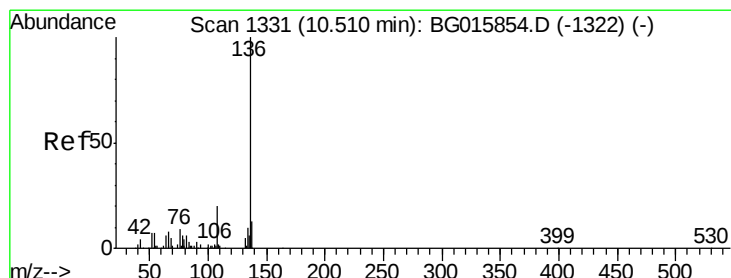
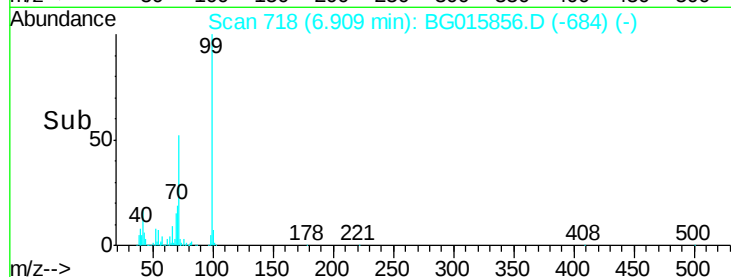
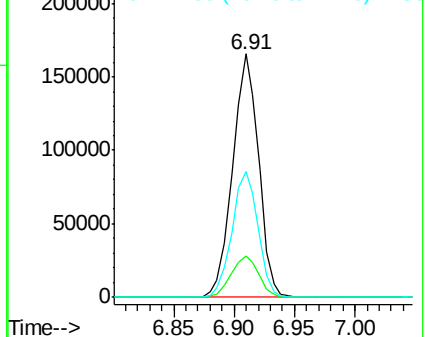
99 100

42 16.8 13.8 20.8

71 51.7 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.51 min Scan# 1331

Delta R.T. -0.00 min

Lab File: BG015856.D

Acq: 6 Jan 2015 12:22

Tgt Ion: 136 Resp: 103103

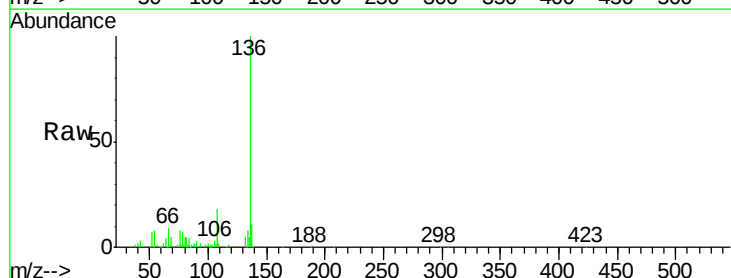
Ion Ratio Lower Upper

136 100

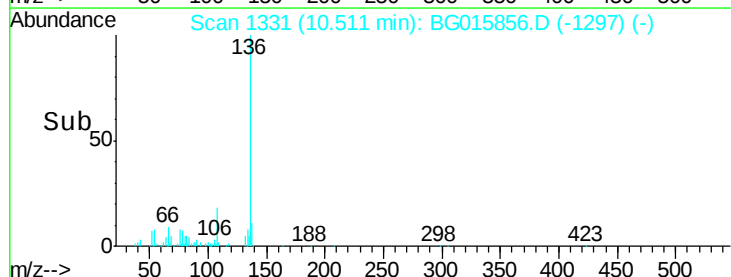
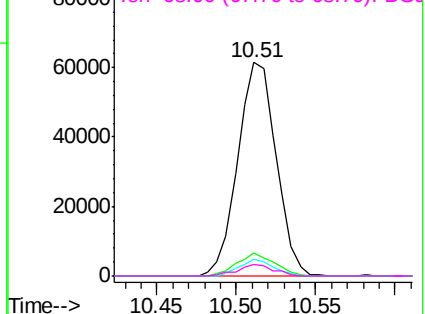
137 10.6 9.6 14.4

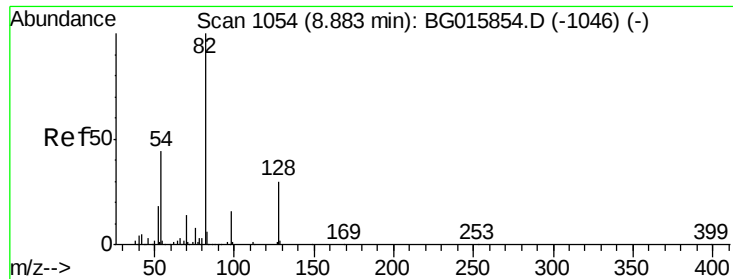
54 8.1 4.5 6.7#

68 5.4 5.0 7.4



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





#23

Nitrobenzene-d5

Concen: 34.04 ng

RT: 8.88 min Scan# 1054

Delta R.T. -0.00 min

Lab File: BG015856.D

Acq: 6 Jan 2015 12:22

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2015-01

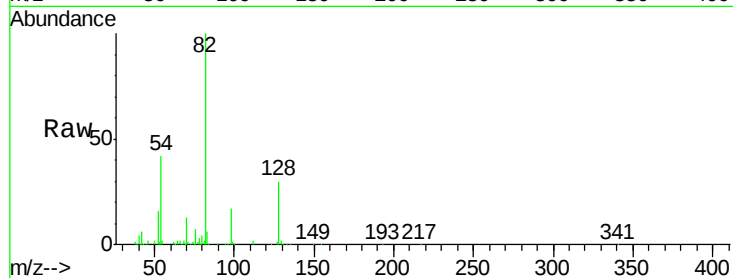
Tgt Ion: 82 Resp: 178872

Ion Ratio Lower Upper

82 100

128 30.4 23.4 35.0

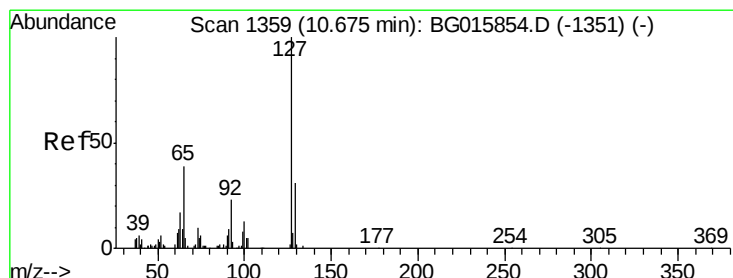
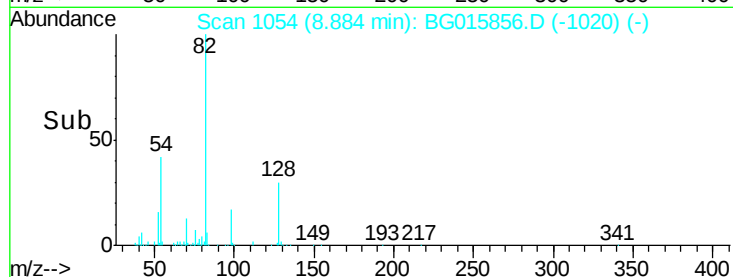
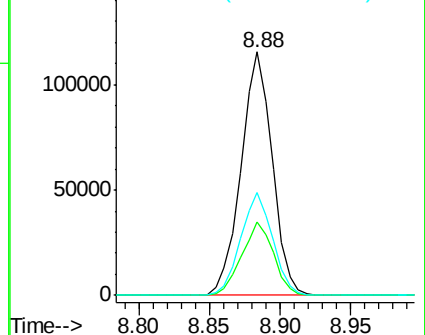
54 42.0 32.3 48.5



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



#33

4-Chloroaniline

Concen: 0.90 ng

RT: 10.69 min Scan# 1361

Delta R.T. 0.01 min

Lab File: BG015856.D

Acq: 6 Jan 2015 12:22

Tgt Ion: 127 Resp: 1995

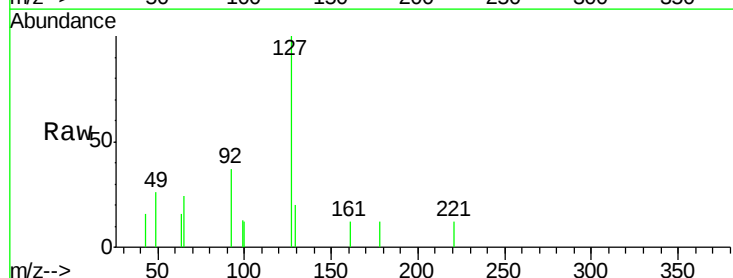
Ion Ratio Lower Upper

127 100

129 20.3 25.0 37.6#

65 23.6 33.3 49.9#

92 37.3 22.8 34.2#

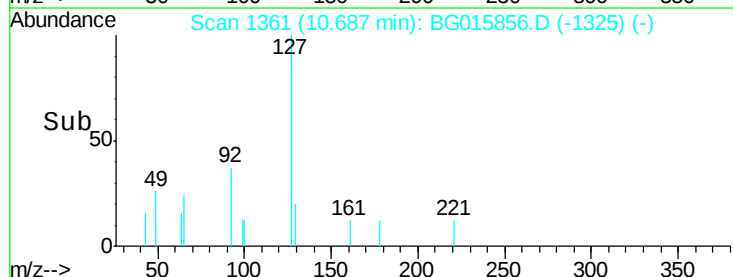
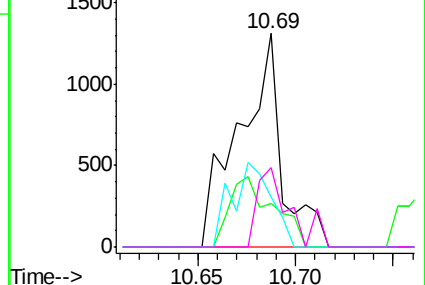


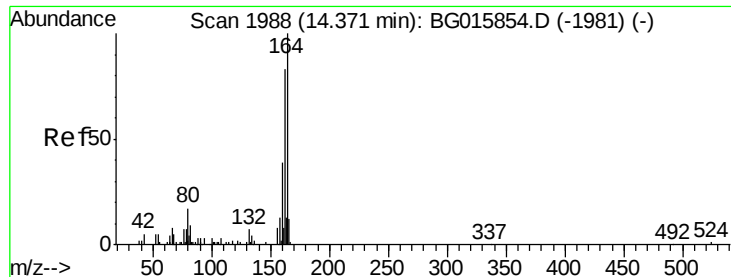
Abundance Ion 127.00 (126.70 to 127.70): BGC

Ion 129.00 (128.70 to 129.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.37 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BG015856.D

Acq: 6 Jan 2015 12:22

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2015-01

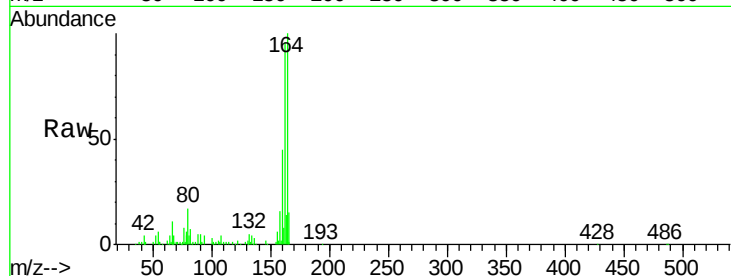
Tgt Ion:164 Resp: 76168

Ion Ratio Lower Upper

164 100

162 95.6 75.5 113.3

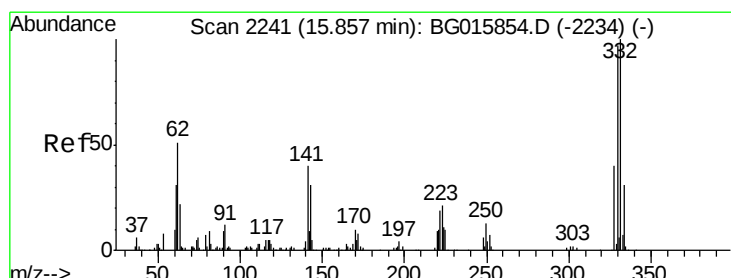
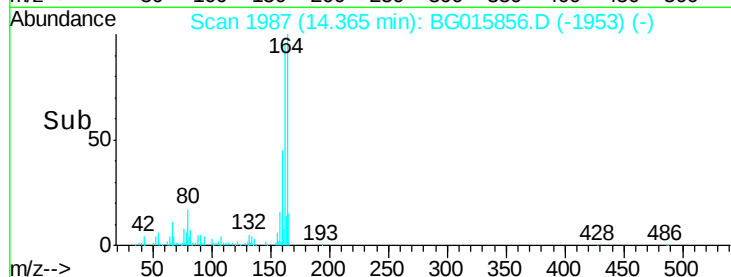
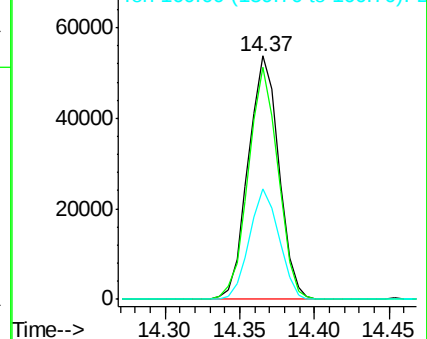
160 45.2 37.4 56.0



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



#41

2,4,6-Tribromophenol

Concen: 51.46 ng

RT: 15.86 min Scan# 2241

Delta R.T. -0.00 min

Lab File: BG015856.D

Acq: 6 Jan 2015 12:22

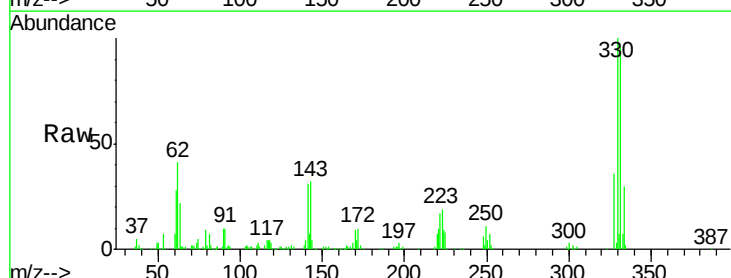
Tgt Ion:330 Resp: 148983

Ion Ratio Lower Upper

330 100

332 95.7 73.8 110.8

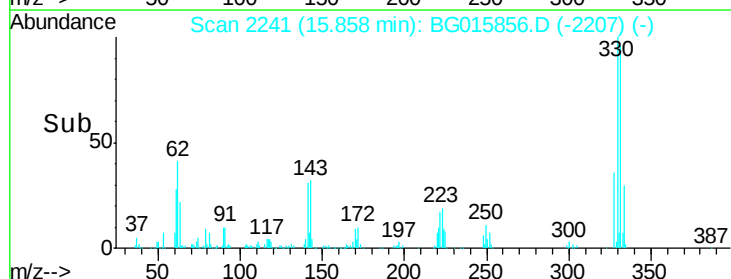
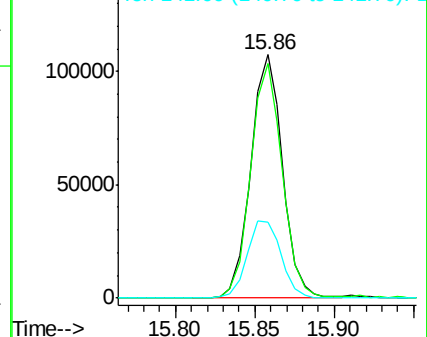
141 34.4 27.2 40.8

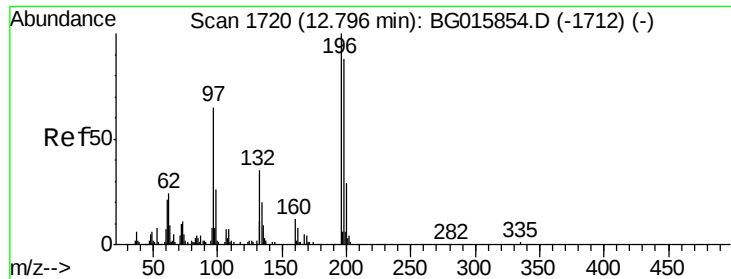


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

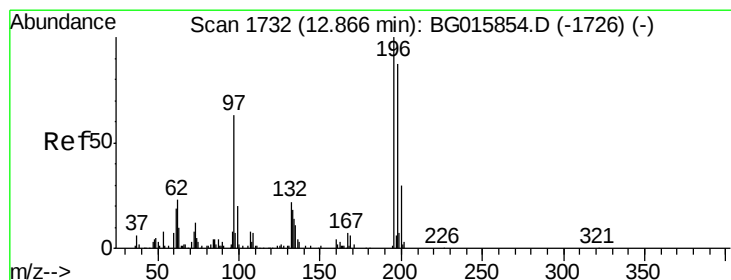
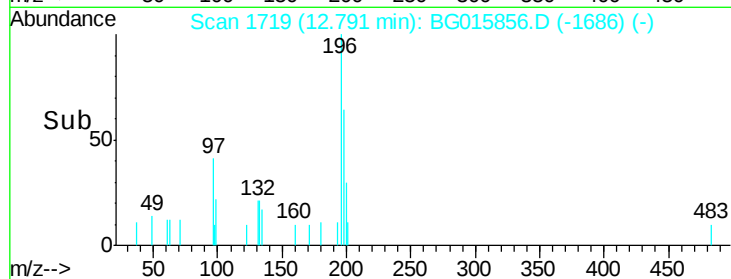
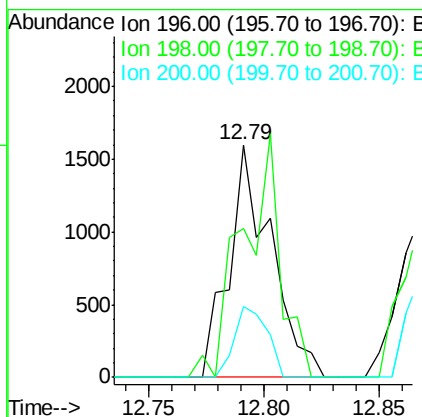
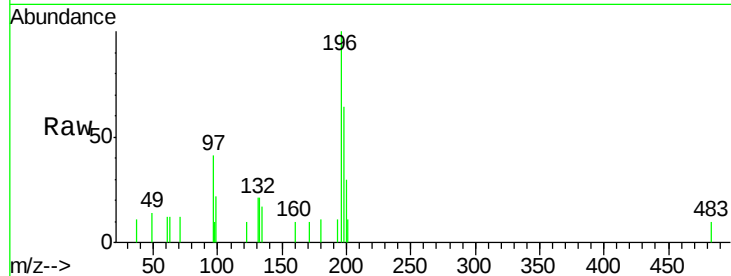




#42
 2,4,6-Trichlorophenol
 Concen: 1.17 ng
 RT: 12.79 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BG015856.D
 Acq: 6 Jan 2015 12:22

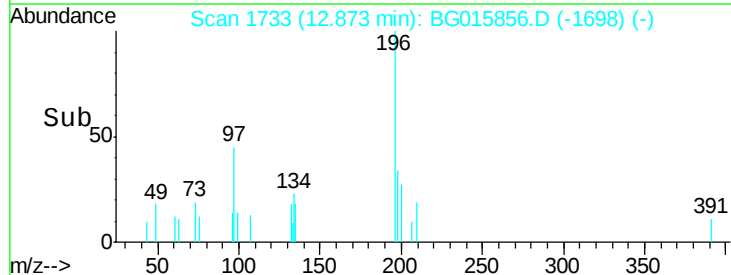
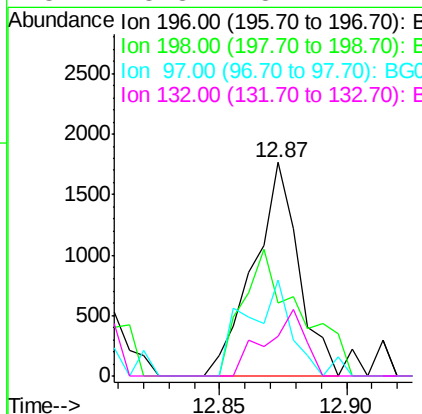
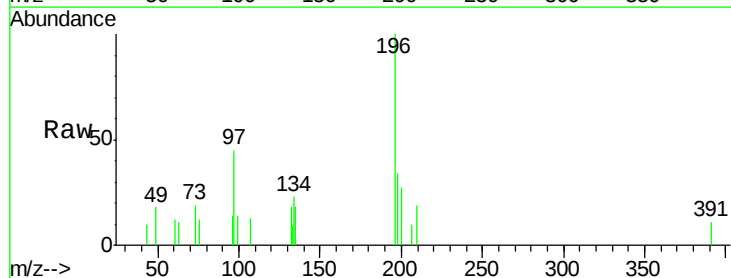
Instrument :
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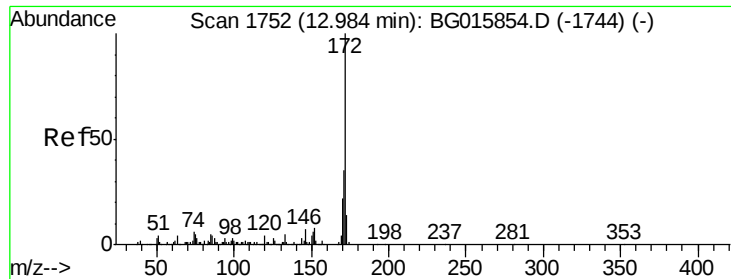
Tgt Ion:196 Resp: 2026
 Ion Ratio Lower Upper
 196 100
 198 64.3 80.2 120.4#
 200 30.5 26.7 40.1



#43
 2,4,5-Trichlorophenol
 Concen: 1.15 ng
 RT: 12.87 min Scan# 1733
 Delta R.T. 0.00 min
 Lab File: BG015856.D
 Acq: 6 Jan 2015 12:22

Tgt Ion:196 Resp: 2198
 Ion Ratio Lower Upper
 196 100
 198 33.9 76.2 114.4#
 97 44.8 49.6 74.4#
 132 18.3 18.2 27.2

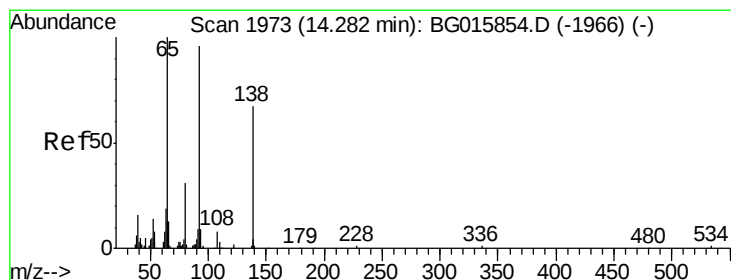
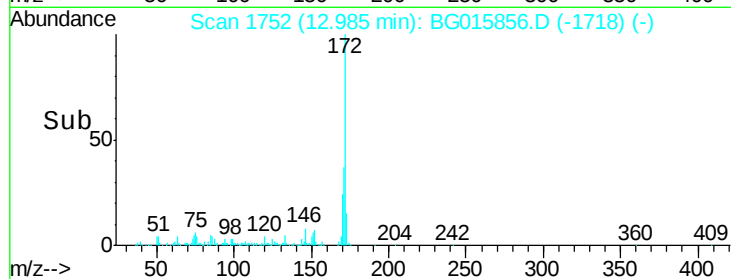
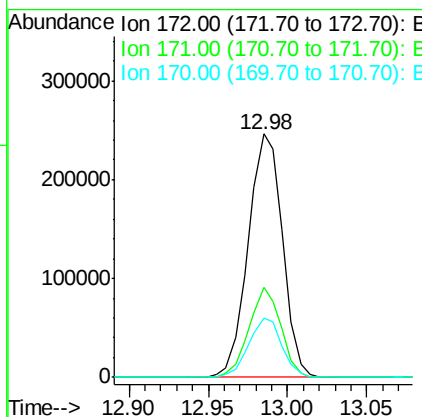
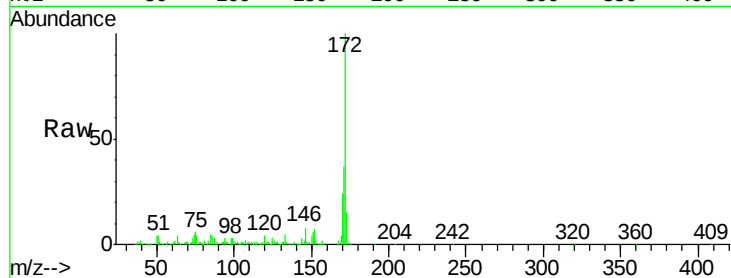




#44
 2-Fluorobiphenyl
 Concen: 34.64 ng
 RT: 12.98 min Scan# 1752
 Delta R.T. -0.00 min
 Lab File: BG015856.D
 Acq: 6 Jan 2015 12:22

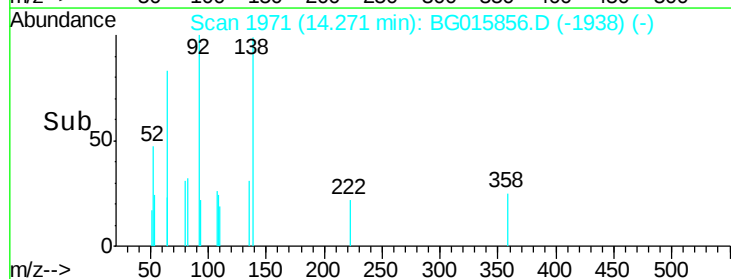
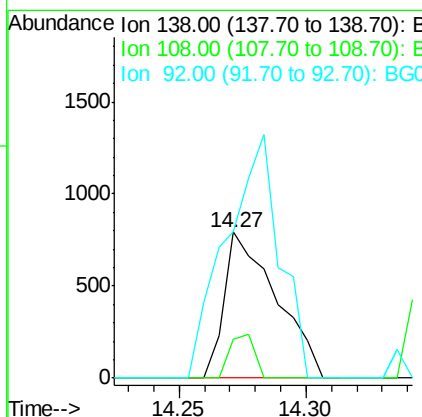
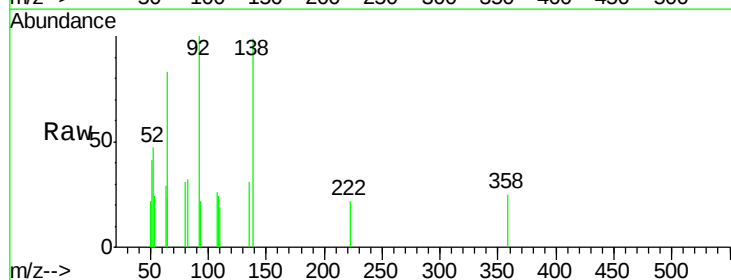
Instrument :
 BNA_G
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 LOD-WATER2015-01

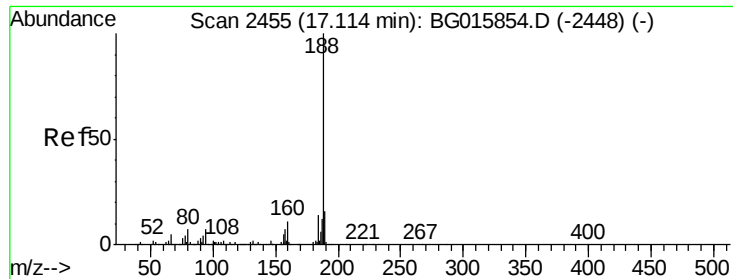
Tgt Ion:172 Resp: 369401
 Ion Ratio Lower Upper
 172 100
 171 36.8 28.6 43.0
 170 24.1 18.2 27.4



#52
 3-Nitroaniline
 Concen: 0.98 ng
 RT: 14.27 min Scan# 1971
 Delta R.T. -0.01 min
 Lab File: BG015856.D
 Acq: 6 Jan 2015 12:22

Tgt Ion:138 Resp: 1131
 Ion Ratio Lower Upper
 138 100
 108 26.3 11.9 17.9#
 92 100.5 103.7 155.5#

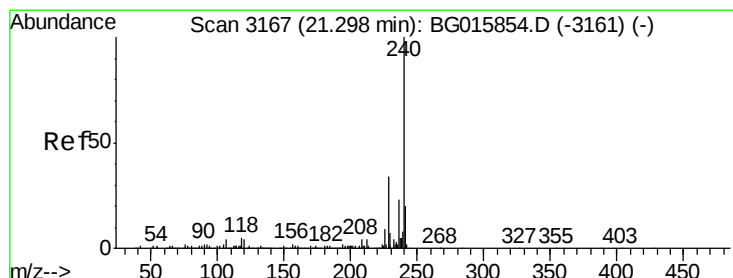
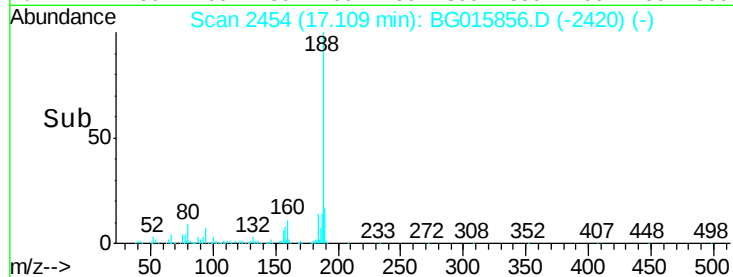
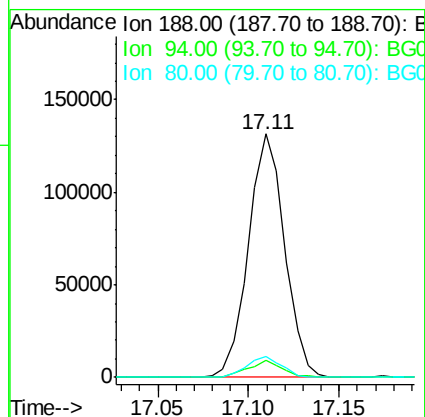
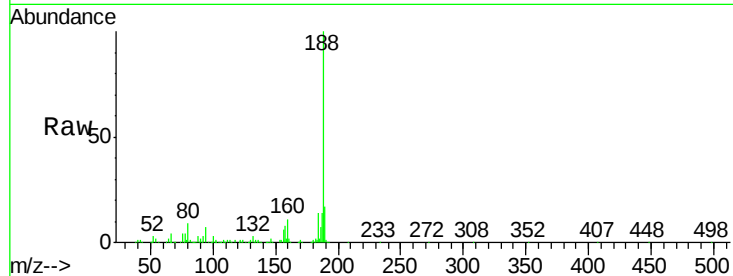




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.11 min Scan# 2454
Delta R.T. -0.00 min
Lab File: BG015856.D
Acq: 6 Jan 2015 12:22

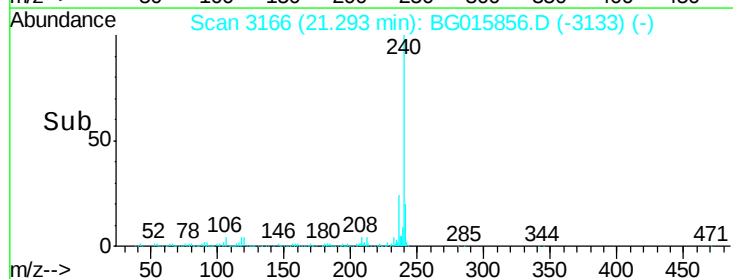
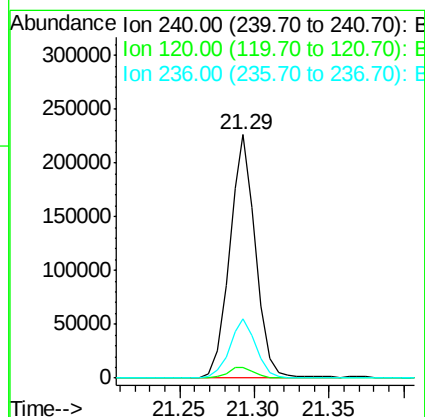
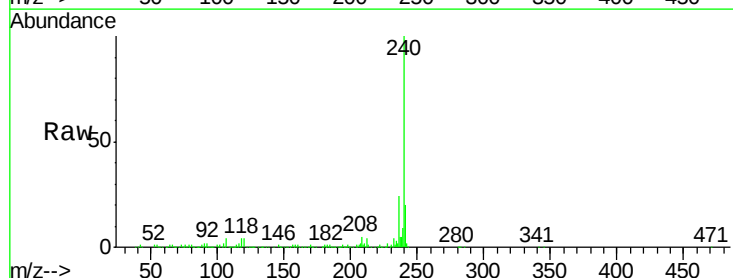
Instrument :
BNA_G
ClientSampleId :
LOD-WATER2015-01

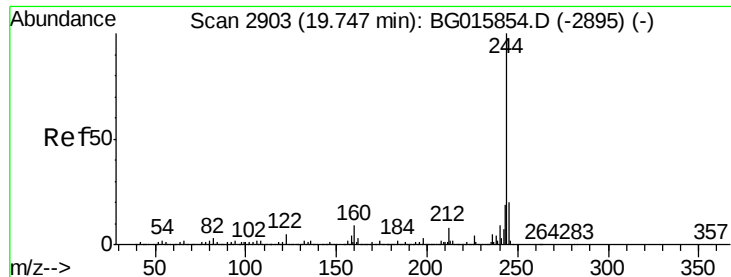
Tgt Ion:188 Resp: 182205
Ion Ratio Lower Upper
188 100
94 7.2 5.4 8.0
80 8.6 6.6 9.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.29 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG015856.D
Acq: 6 Jan 2015 12:22

Tgt Ion:240 Resp: 273621
Ion Ratio Lower Upper
240 100
120 4.4 3.4 5.2
236 24.4 19.0 28.6





#78

Terphenyl-d14

Concen: 35.40 ng

RT: 19.74 min Scan# 2902

Delta R.T. -0.00 min

Lab File: BG015856.D

Acq: 6 Jan 2015 12:22

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2015-01

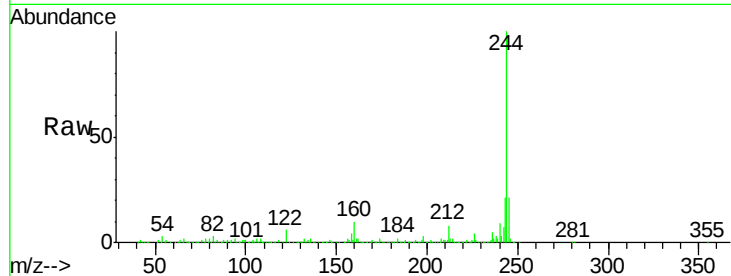
Tgt Ion:244 Resp: 866998

Ion Ratio Lower Upper

244 100

212 7.9 6.6 9.8

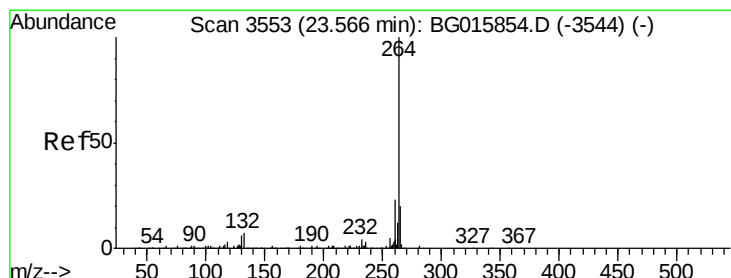
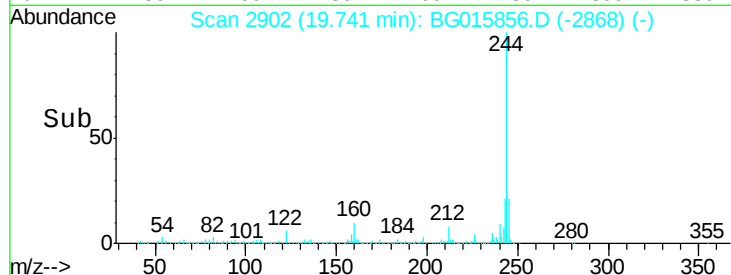
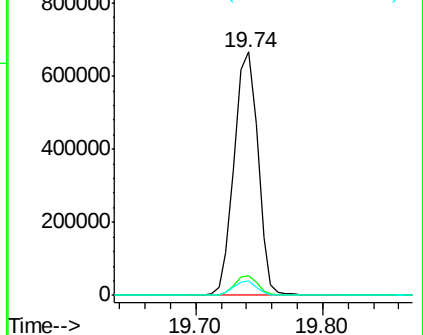
122 6.0 4.7 7.1



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: BG015856.D

Acq: 6 Jan 2015 12:22

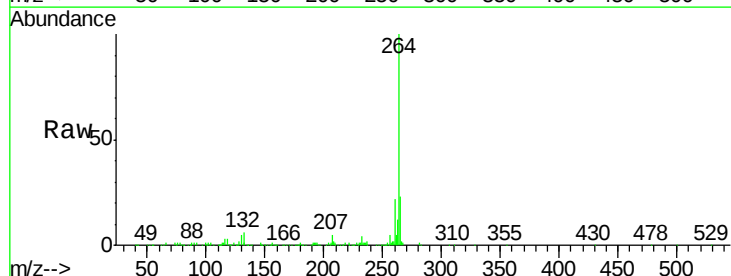
Tgt Ion:264 Resp: 263870

Ion Ratio Lower Upper

264 100

260 22.3 17.0 25.4

265 22.9 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

