

Data Path : S:\HPCHEM1\BNA_G\DATA\BG010615\
 Data File : BG015858.D
 Acq On : 6 Jan 2015 13:31
 Operator : TP/IZ
 Sample : G1001-05
 Misc : LOD-WATER-8PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER2015-01

Quant Time: Jan 07 17:50:23 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

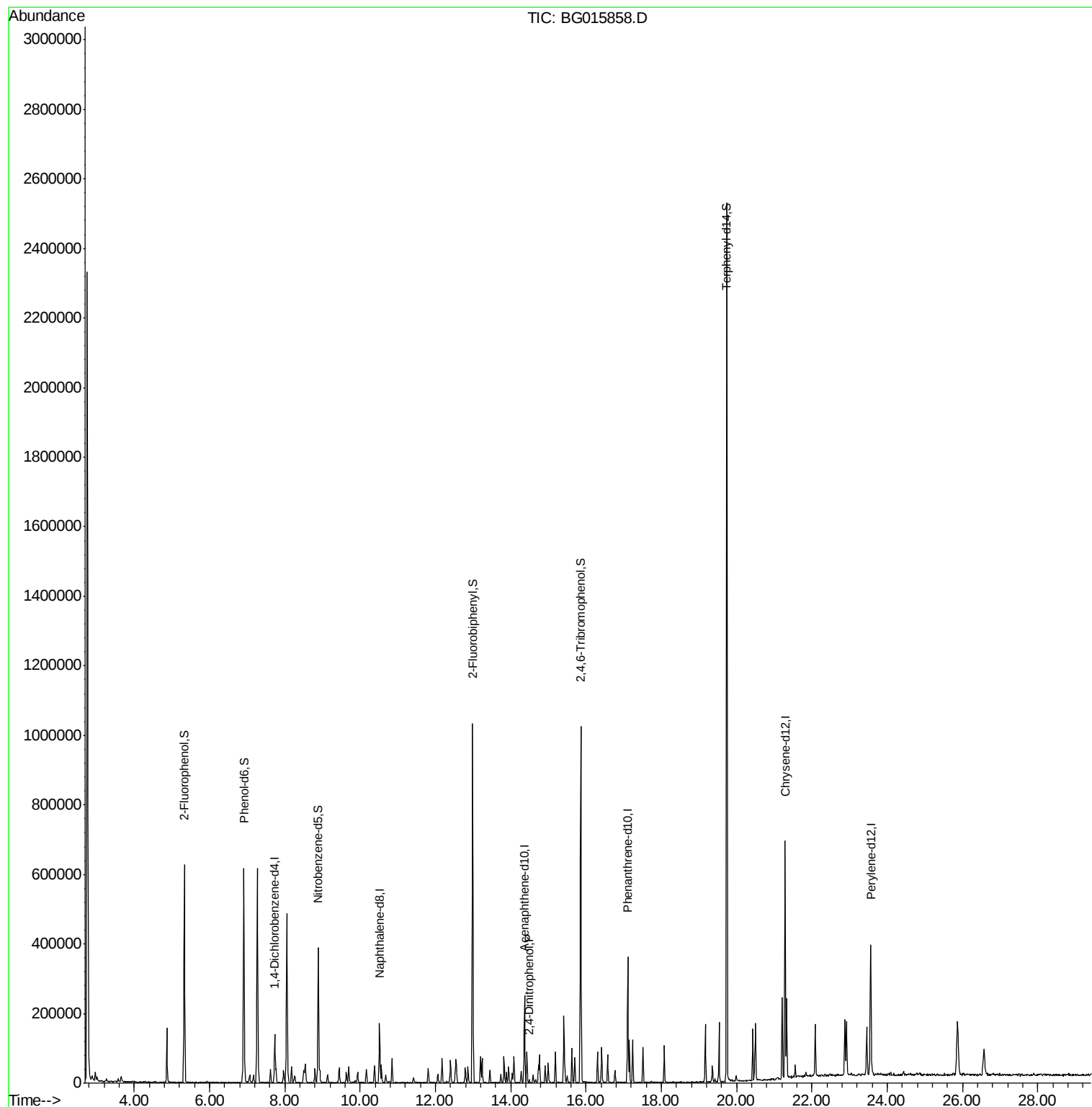
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	29926	20.00	ng	0.00
21) Naphthalene-d8	10.51	136	109128	20.00	ng	0.00
38) Acenaphthene-d10	14.37	164	81282	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	194368	20.00	ng	0.00
75) Chrysene-d12	21.29	240	311438	20.00	ng	0.00
86) Perylene-d12	23.56	264	296902	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	224529	64.52	ng	0.00
7) Phenol-d6	6.91	99	308561	63.67	ng	0.00
23) Nitrobenzene-d5	8.89	82	220202	39.59	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	188874	61.13	ng	0.00
44) 2-Fluorobiphenyl	12.99	172	464388	40.81	ng	0.00
78) Terphenyl-d14	19.74	244	1108201	39.76	ng	0.00
Target Compounds						
53) 2,4-Dinitrophenol	14.49	184	1764	11.61	ng	Qvalue 93

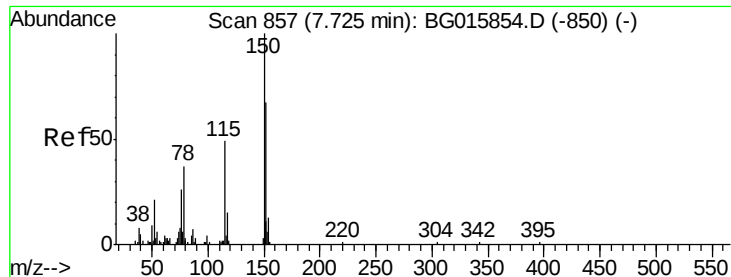
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jan 06 08:46:19 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.73 min Scan# 858

Delta R.T. -0.00 min

Lab File: BG015858.D

Acq: 6 Jan 2015 13:31

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2015-01

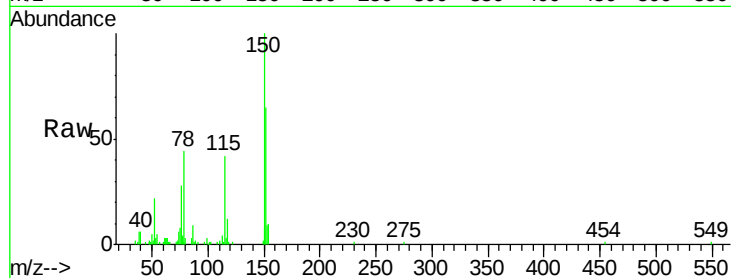
Tgt Ion:152 Resp: 29926

Ion Ratio Lower Upper

152 100

150 153.3 120.5 180.7

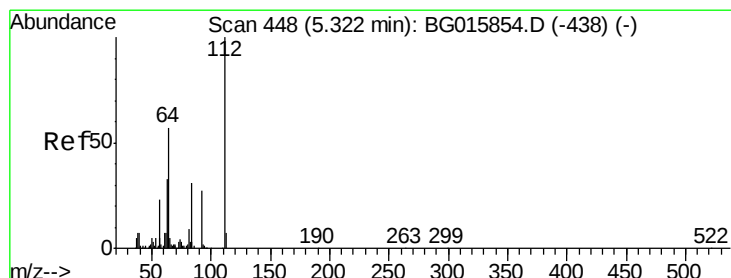
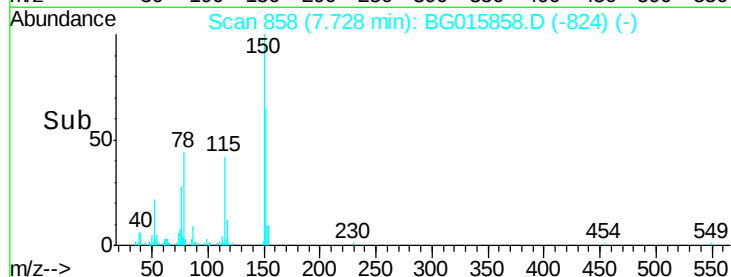
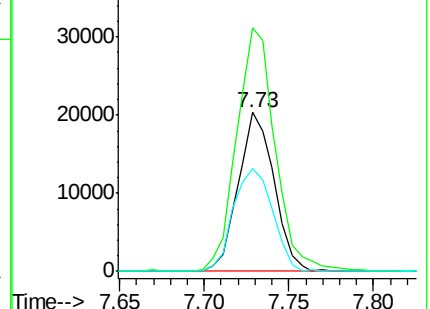
115 64.7 54.0 81.0



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: 64.52 ng

RT: 5.33 min Scan# 450

Delta R.T. 0.00 min

Lab File: BG015858.D

Acq: 6 Jan 2015 13:31

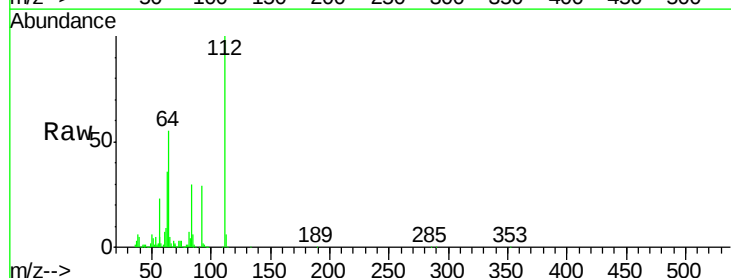
Tgt Ion:112 Resp: 224529

Ion Ratio Lower Upper

112 100

64 55.3 46.8 70.2

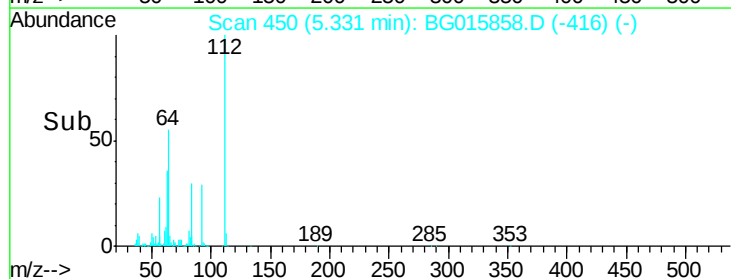
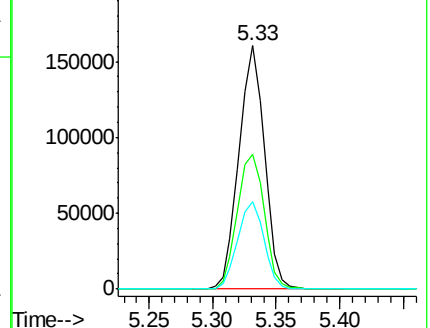
63 36.0 30.6 45.8

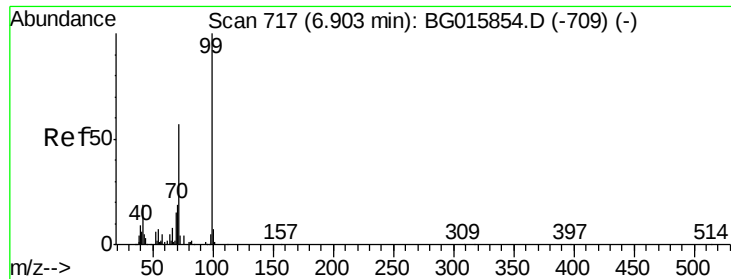


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 63.67 ng

RT: 6.91 min Scan# 719

Delta R.T. 0.00 min

Lab File: BG015858.D

Acq: 6 Jan 2015 13:31

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2015-01

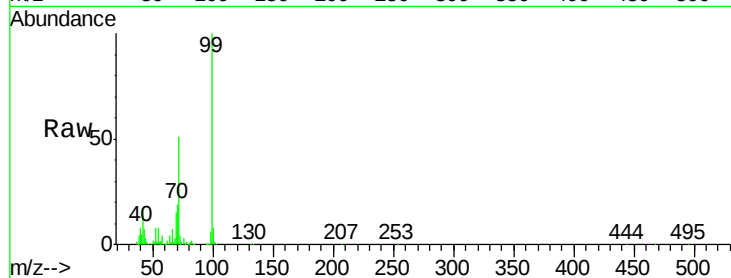
Tgt Ion: 99 Resp: 308561

Ion Ratio Lower Upper

99 100

42 16.7 13.8 20.8

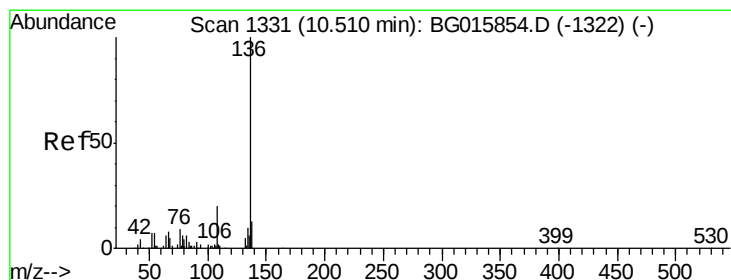
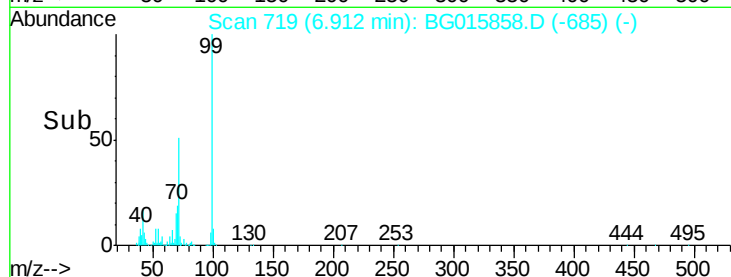
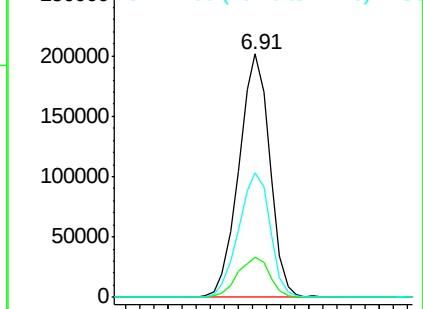
71 51.3 42.8 64.2



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# 1332

Delta R.T. 0.00 min

Lab File: BG015858.D

Acq: 6 Jan 2015 13:31

Tgt Ion: 136 Resp: 109128

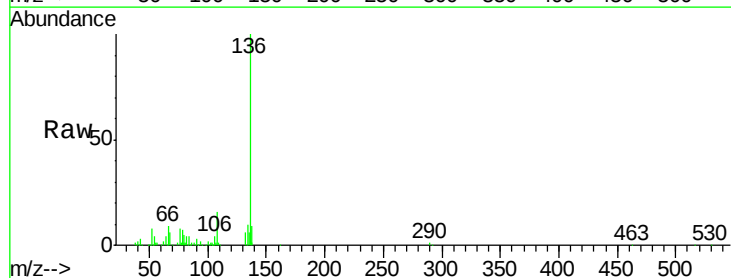
Ion Ratio Lower Upper

136 100

137 9.4 9.6 14.4#

54 4.2 4.5 6.7#

68 5.8 5.0 7.4

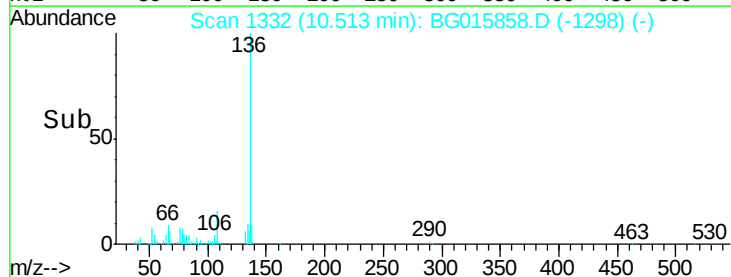
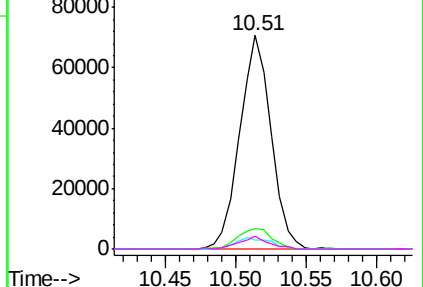


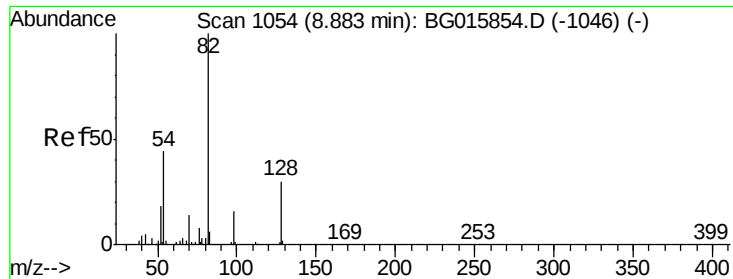
Abundance Ion 136.00 (135.70 to 136.70): BGC

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: 39.59 ng

RT: 8.89 min Scan# 1055

Delta R.T. 0.00 min

Lab File: BG015858.D

Acq: 6 Jan 2015 13:31

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2015-01

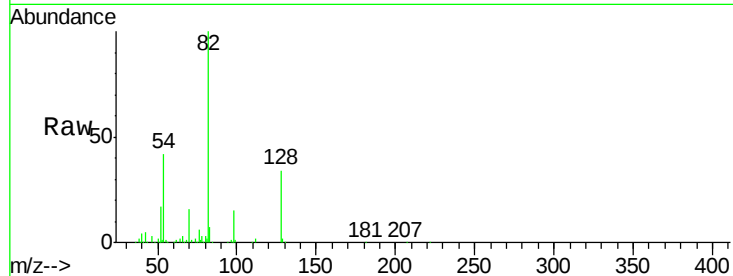
Tgt Ion: 82 Resp: 220202

Ion Ratio Lower Upper

82 100

128 33.6 23.4 35.0

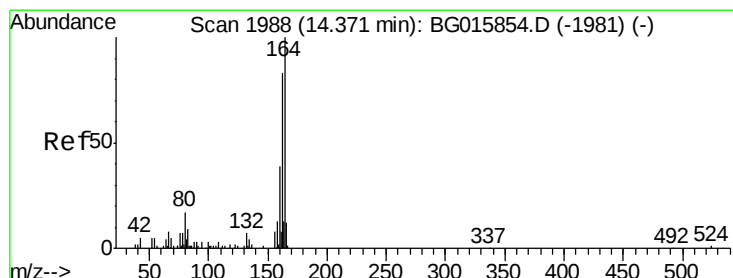
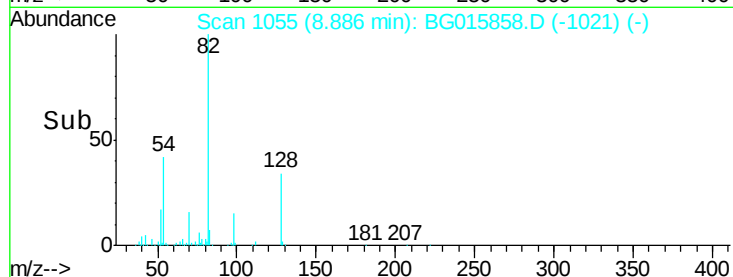
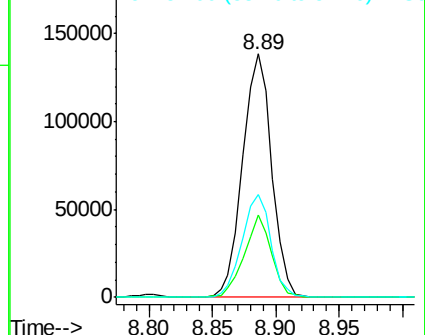
54 42.2 32.3 48.5



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.37 min Scan# 1988

Delta R.T. 0.00 min

Lab File: BG015858.D

Acq: 6 Jan 2015 13:31

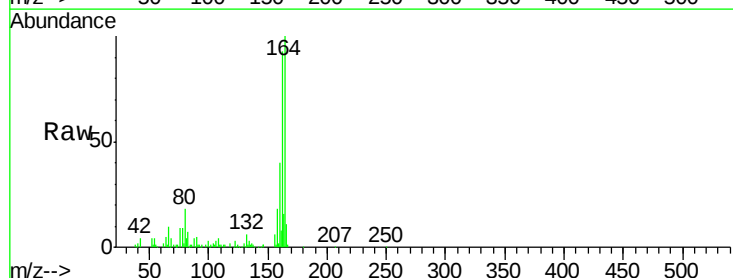
Tgt Ion: 164 Resp: 81282

Ion Ratio Lower Upper

164 100

162 92.6 75.5 113.3

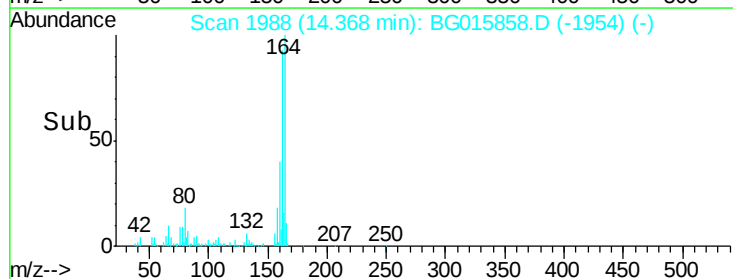
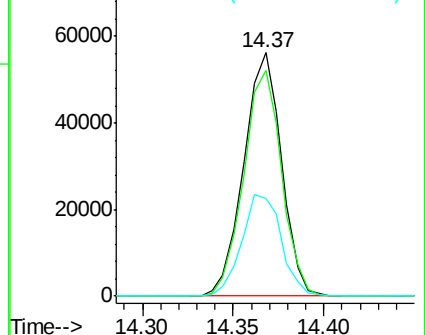
160 39.9 37.4 56.0

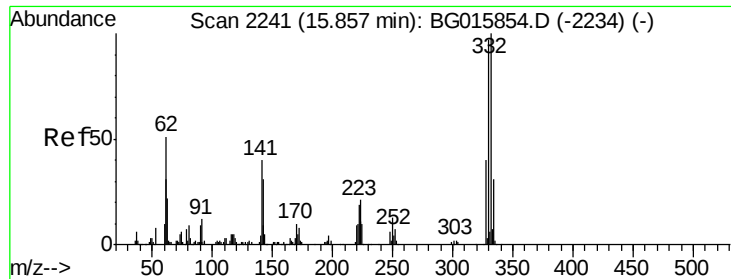


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

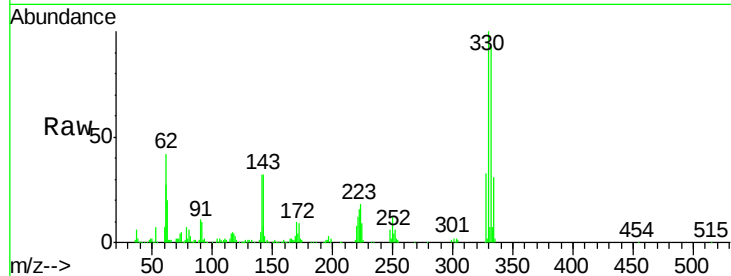




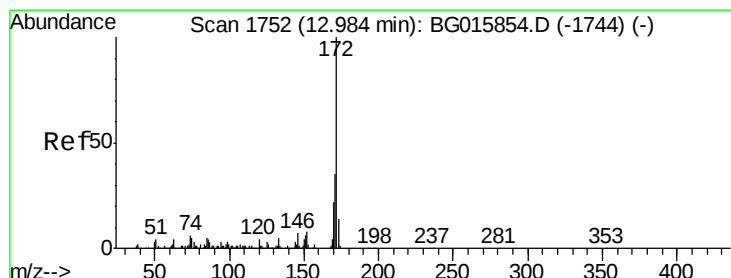
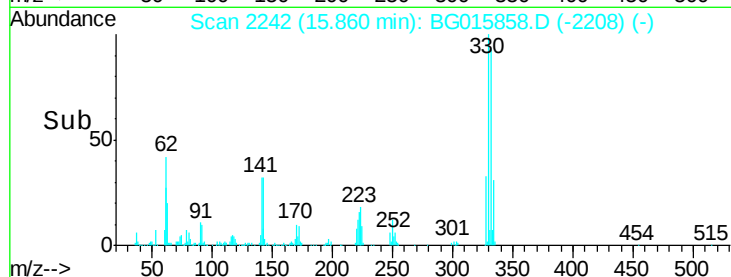
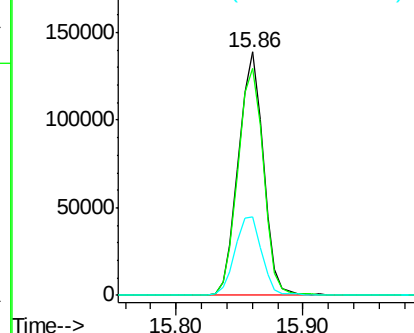
#41
 2,4,6-Tribromophenol
 Concen: 61.13 ng
 RT: 15.86 min Scan# 2242
 Delta R.T. 0.00 min
 Lab File: BG015858.D
 Acq: 6 Jan 2015 13:31

Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER2015-01

Tgt Ion:330 Resp: 188874
 Ion Ratio Lower Upper
 330 100
 332 95.6 73.8 110.8
 141 34.7 27.2 40.8

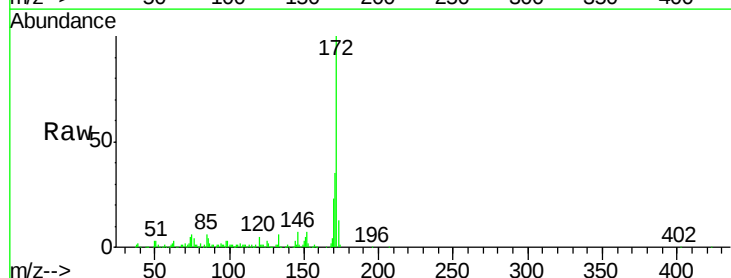


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

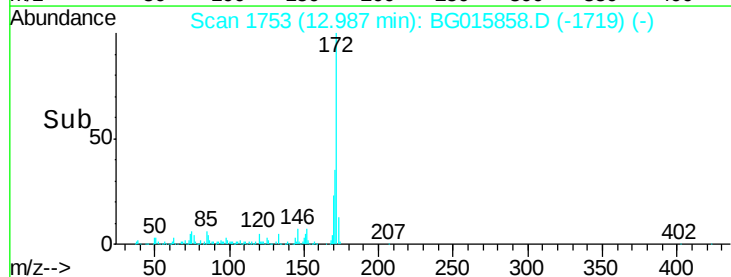
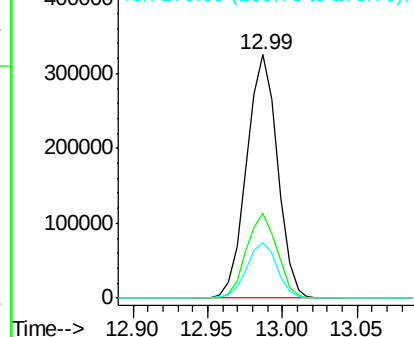


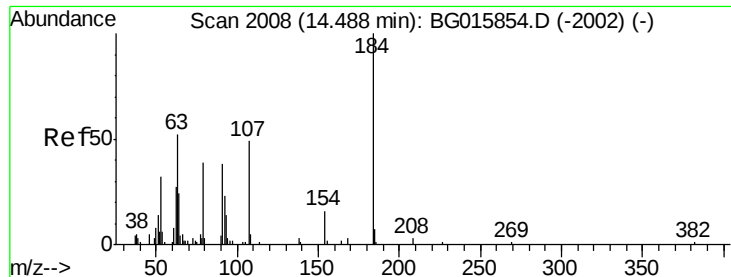
#44
 2-Fluorobiphenyl
 Concen: 40.81 ng
 RT: 12.99 min Scan# 1753
 Delta R.T. 0.00 min
 Lab File: BG015858.D
 Acq: 6 Jan 2015 13:31

Tgt Ion:172 Resp: 464388
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.6 43.0
 170 23.0 18.2 27.4



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

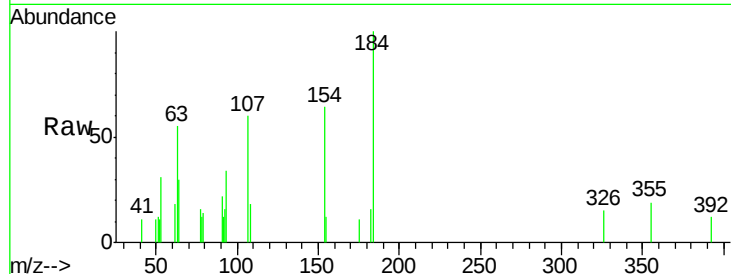




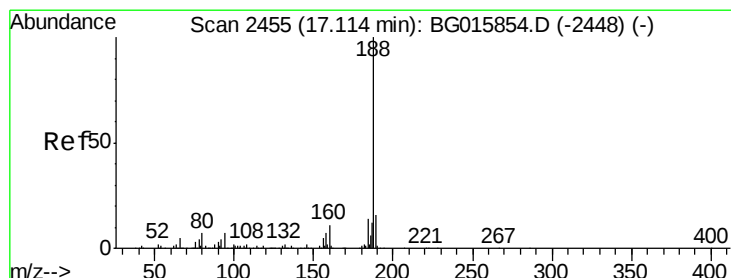
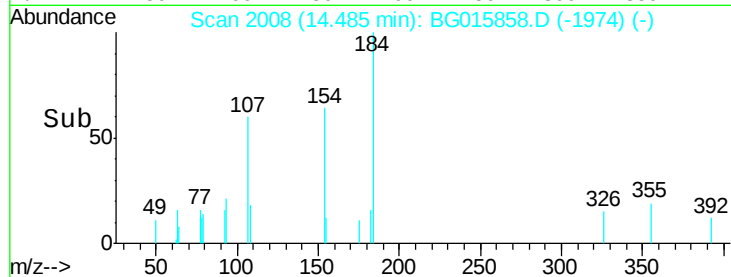
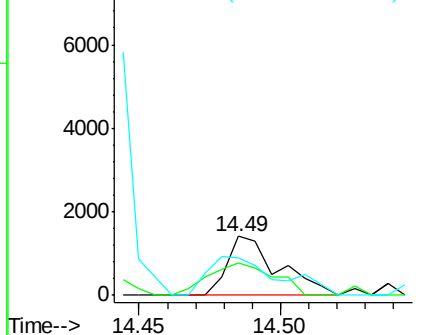
#53
2,4-Dinitrophenol
Concen: 11.61 ng
RT: 14.49 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BG015858.D
Acq: 6 Jan 2015 13:31

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2015-01

Tgt Ion:184 Resp: 1764
Ion Ratio Lower Upper
184 100
63 55.2 47.3 70.9
154 63.7 56.9 85.3

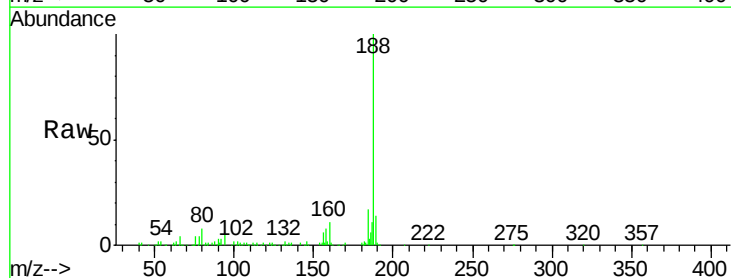


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

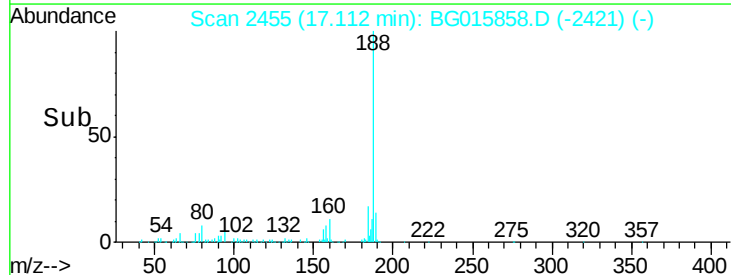
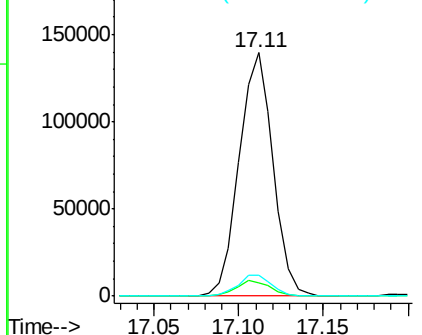


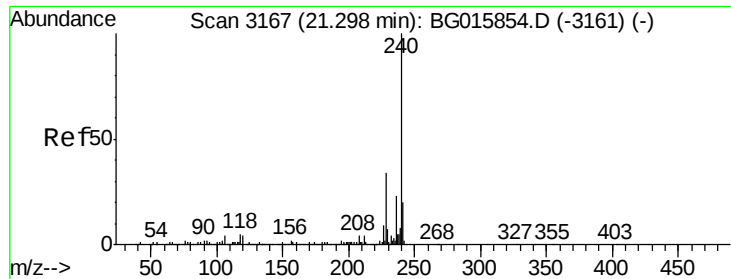
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.11 min Scan# 2455
Delta R.T. 0.00 min
Lab File: BG015858.D
Acq: 6 Jan 2015 13:31

Tgt Ion:188 Resp: 194368
Ion Ratio Lower Upper
188 100
94 5.3 5.4 8.0#
80 8.4 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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.29 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG015858.D

Acq: 6 Jan 2015 13:31

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2015-01

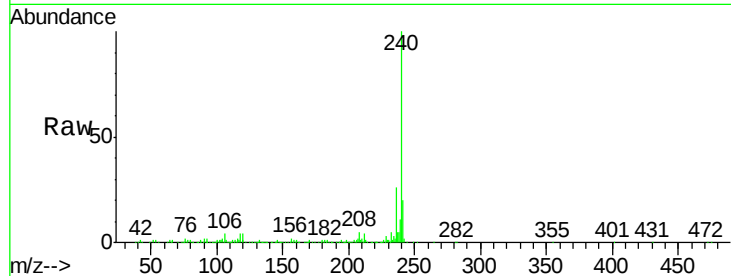
Tgt Ion:240 Resp: 311438

Ion Ratio Lower Upper

240 100

120 4.5 3.4 5.2

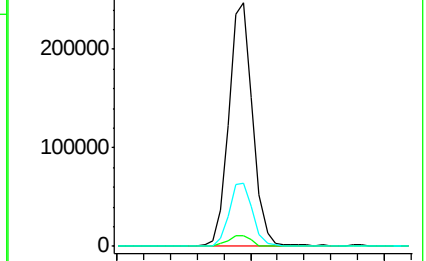
236 25.9 19.0 28.6



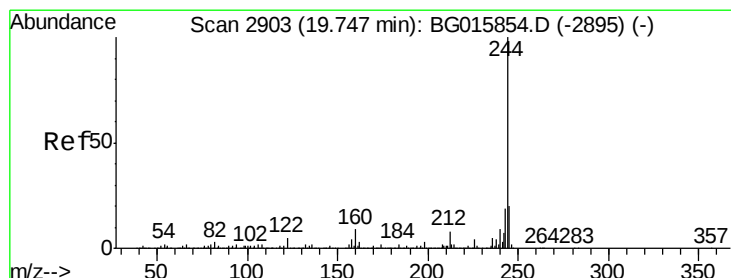
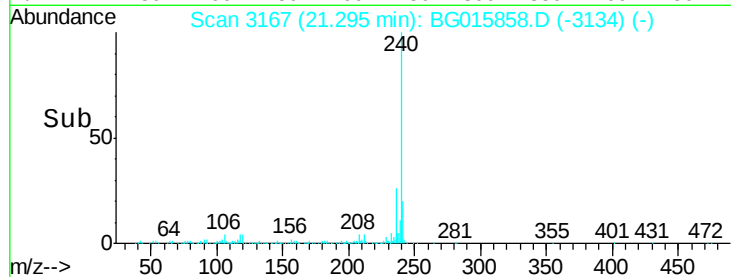
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.20 21.30 21.40



#78

Terphenyl-d14

Concen: 39.76 ng

RT: 19.74 min Scan# 2903

Delta R.T. 0.00 min

Lab File: BG015858.D

Acq: 6 Jan 2015 13:31

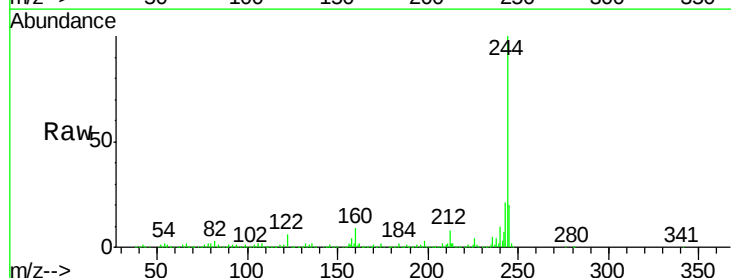
Tgt Ion:244 Resp: 1108201

Ion Ratio Lower Upper

244 100

212 7.7 6.6 9.8

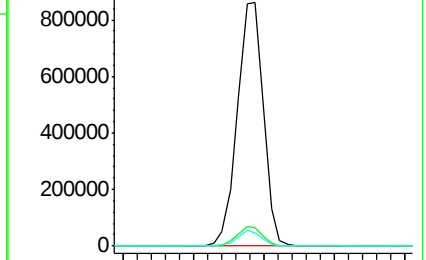
122 5.7 4.7 7.1



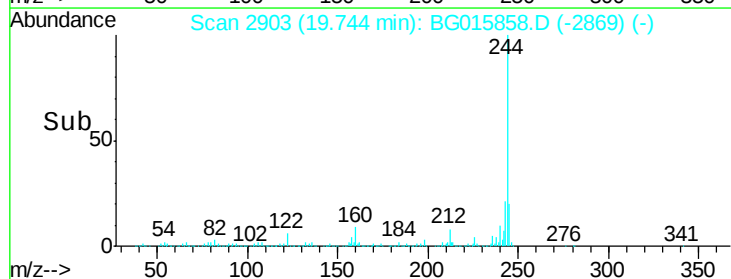
Abundance Ion 244.00 (243.70 to 244.70): E

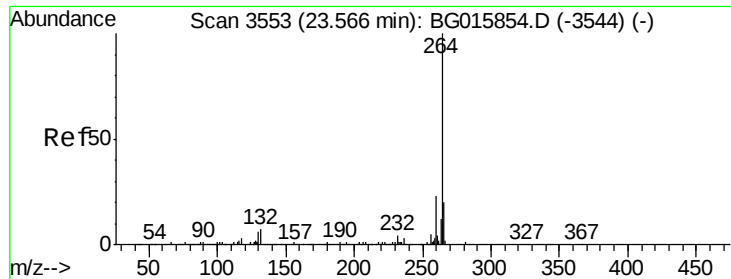
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 19.65 19.70 19.75 19.80





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.56 min Scan# 3553
Delta R.T. -0.01 min
Lab File: BG015858.D
Acq: 6 Jan 2015 13:31

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2015-01

Tgt Ion: 264 Resp: 296902

Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.0	25.4
265	22.1	17.4	26.0

