

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062215\
 Data File : BG017742.D
 Acq On : 22 Jun 2015 12:34
 Operator : TP/IZ
 Sample : G2653-05
 Misc : LOD-SVOC-WATER-2PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER2015-01

Quant Time: Jun 23 03:31:53 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 19 06:05:07 2015
 Response via : Initial Calibration

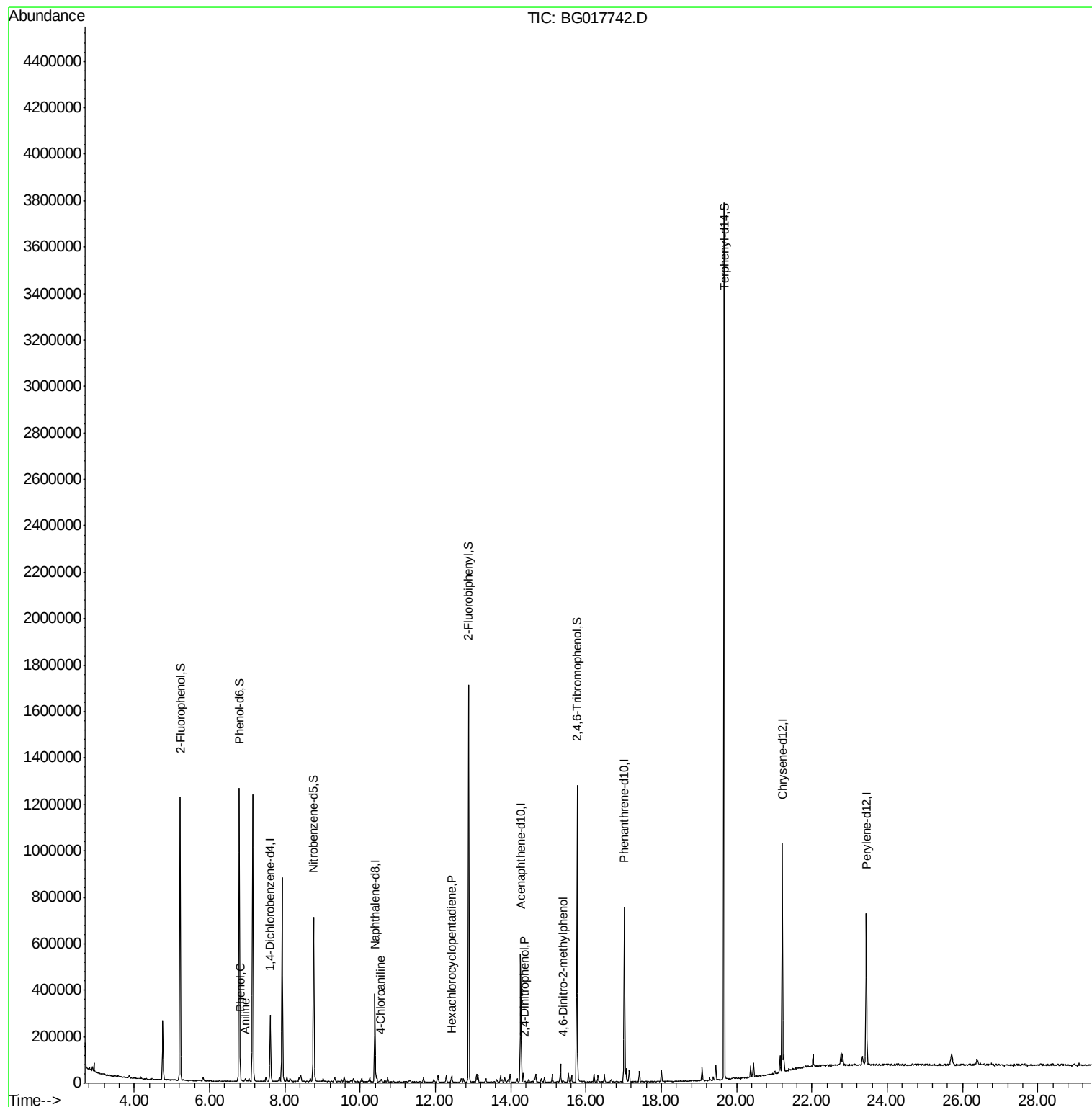
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	65136	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	285675	20.00	ng	-0.01
38) Acenaphthene-d10	14.26	164	176033	20.00	ng	-0.01
63) Phenanthrene-d10	17.02	188	401444	20.00	ng	-0.01
75) Chrysene-d12	21.22	240	430320	20.00	ng	-0.01
86) Perylene-d12	23.45	264	399948	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	466213	125.61	ng	0.00
7) Phenol-d6	6.79	99	627672	120.32	ng	-0.01
23) Nitrobenzene-d5	8.76	82	383369	77.19	ng	-0.01
41) 2,4,6-Tribromophenol	15.76	330	169903	104.09	ng	-0.01
44) 2-Fluorobiphenyl	12.88	172	774702	71.48	ng	-0.02
78) Terphenyl-d14	19.67	244	1319691	69.69	ng	-0.01
Target Compounds						Qvalue
6) Aniline	6.95	93	5651	0.79	ng	# 86
10) Phenol	6.82	94	8088	1.42	ng	94
33) 4-Chloroaniline	10.55	127	5502	0.81	ng	# 87
40) Hexachlorocyclopentadiene	12.42	237	3004	0.95	ng	93
53) 2,4-Dinitrophenol	14.38	184	841	7.77	ng	# 84
64) 4,6-Dinitro-2-methylphenol	15.40	198	1405	7.73	ng	# 73

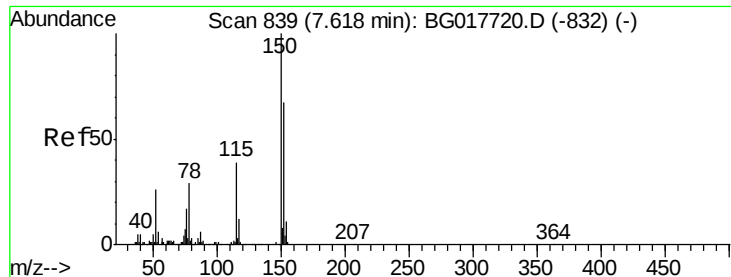
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 19 06:05:07 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.61 min Scan# 838

Delta R.T. -0.01 min

Lab File: BG017742.D

Acq: 22 Jun 2015 12:34

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2015-01

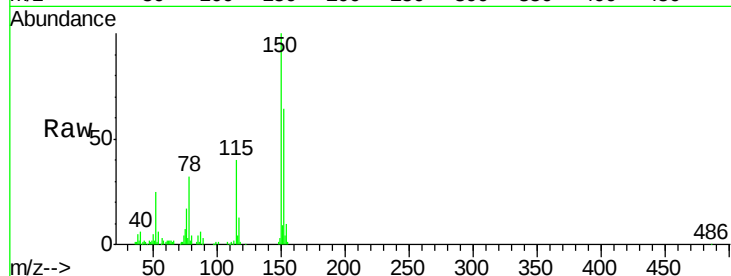
Tgt Ion:152 Resp: 65136

Ion Ratio Lower Upper

152 100

150 155.4 119.1 178.7

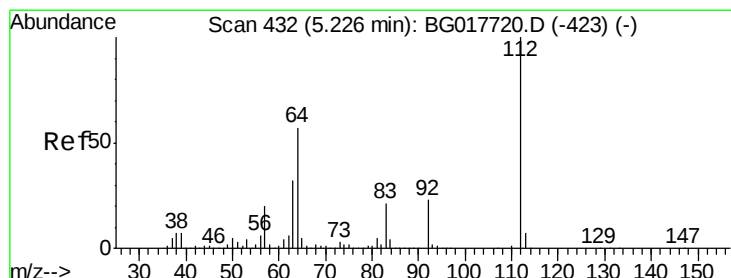
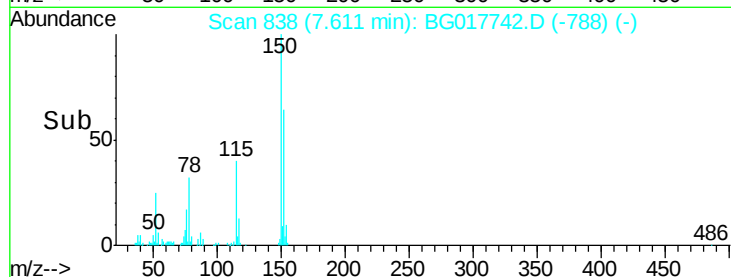
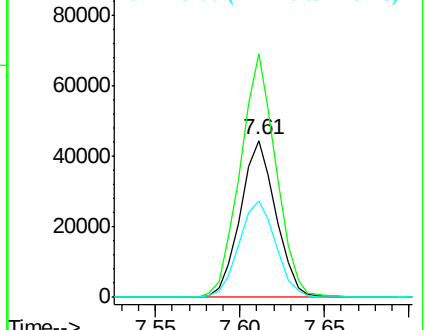
115 61.4 47.0 70.4



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: 125.61 ng

RT: 5.22 min Scan# 431

Delta R.T. -0.01 min

Lab File: BG017742.D

Acq: 22 Jun 2015 12:34

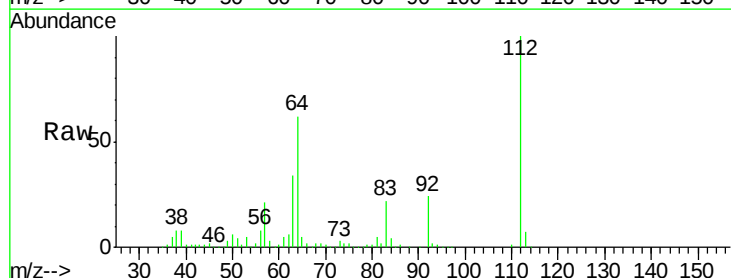
Tgt Ion:112 Resp: 466213

Ion Ratio Lower Upper

112 100

64 62.1 45.4 68.0

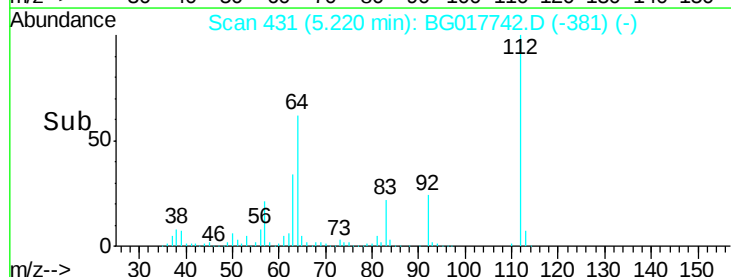
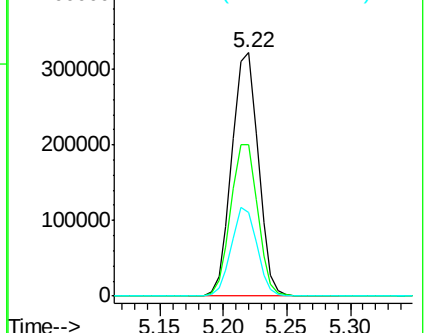
63 34.3 25.3 37.9

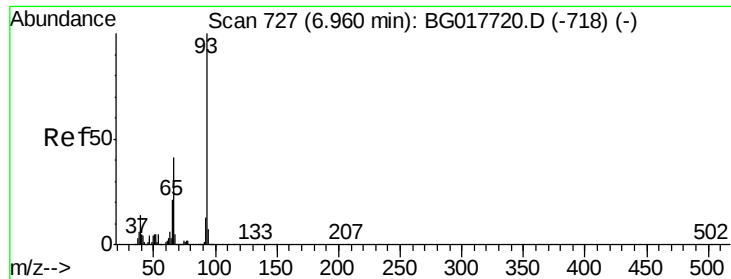


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#6

Aniline

Concen: 0.79 ng

RT: 6.95 min Scan# 725

Delta R.T. -0.01 min

Lab File: BG017742.D

Acq: 22 Jun 2015 12:34

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2015-01

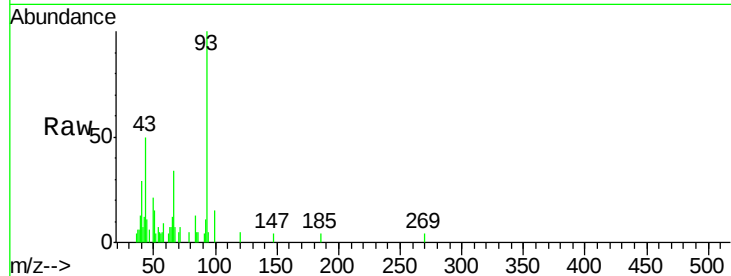
Tgt Ion: 93 Resp: 5651

Ion Ratio Lower Upper

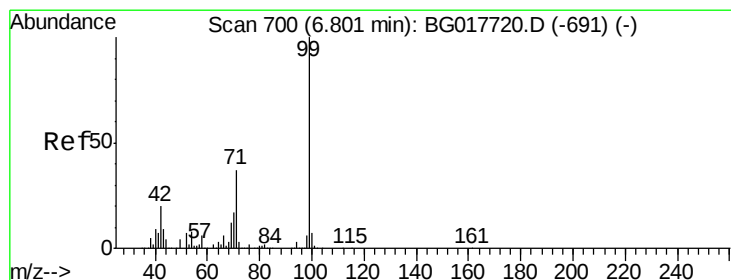
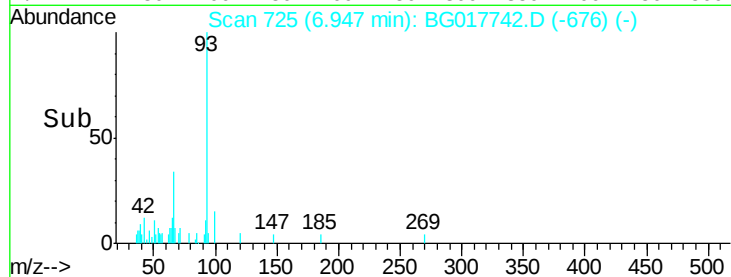
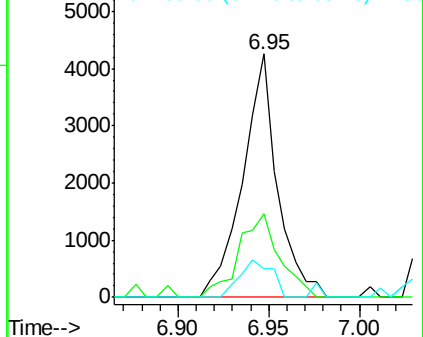
93 100

66 34.4 32.7 49.1

65 11.7 17.0 25.6#



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: 120.32 ng

RT: 6.79 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG017742.D

Acq: 22 Jun 2015 12:34

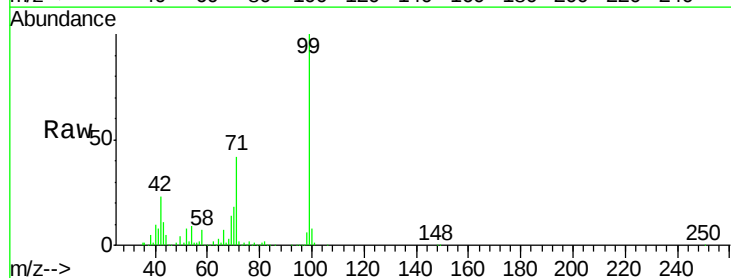
Tgt Ion: 99 Resp: 627672

Ion Ratio Lower Upper

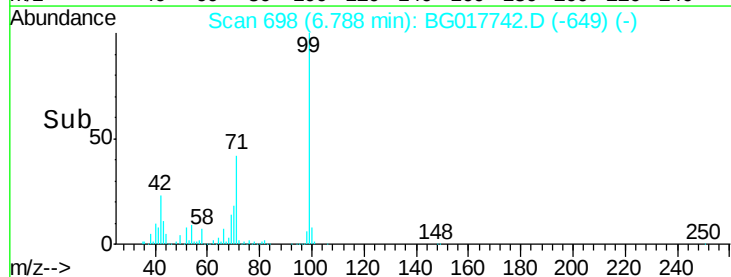
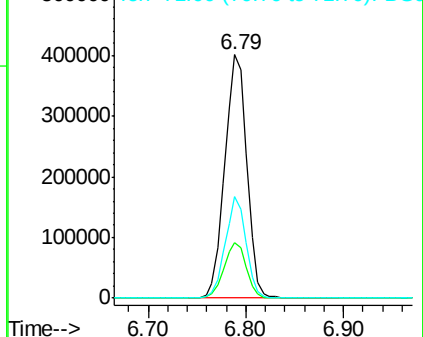
99 100

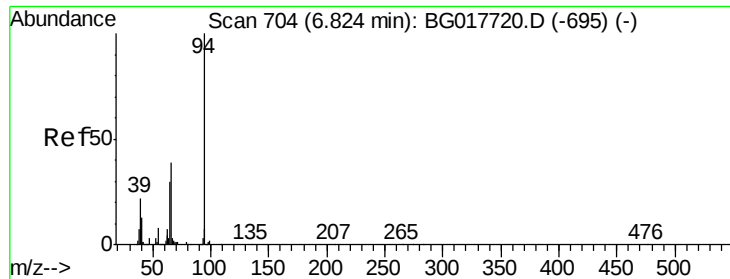
42 23.0 16.2 24.4

71 42.0 29.5 44.3



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





#10

Phenol

Concen: 1.42 ng

RT: 6.82 min Scan# 703

Delta R.T. -0.01 min

Lab File: BG017742.D

Acq: 22 Jun 2015 12:34

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2015-01

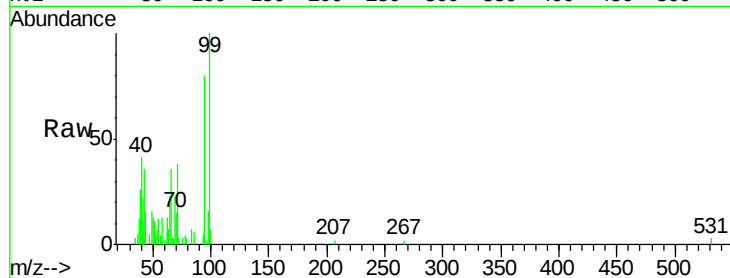
Tgt Ion: 94 Resp: 8088

Ion Ratio Lower Upper

94 100

65 28.7 9.9 49.9

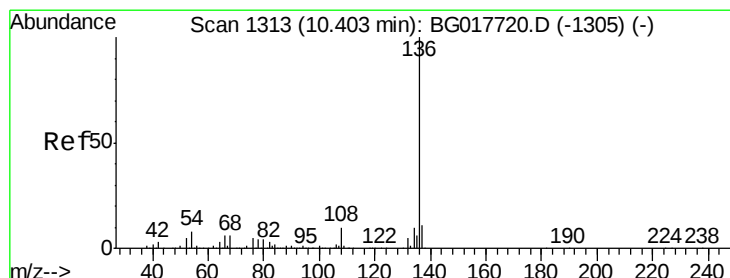
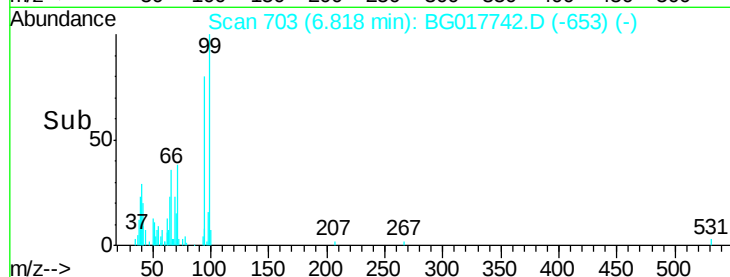
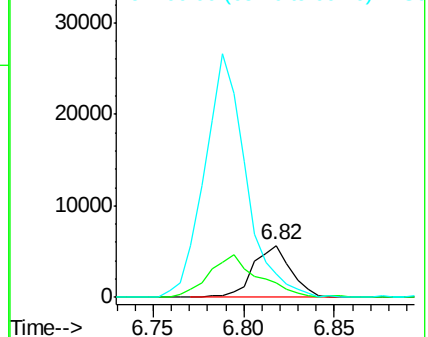
66 45.3 19.4 59.4



Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.39 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BG017742.D

Acq: 22 Jun 2015 12:34

Tgt Ion: 136 Resp: 285675

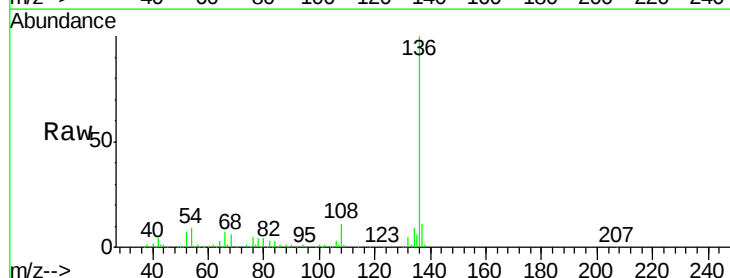
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 8.9 6.6 9.8

68 6.1 5.1 7.7

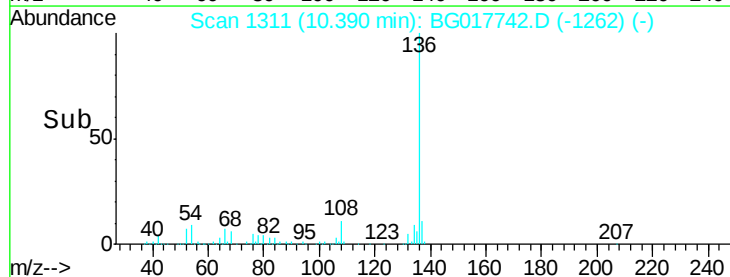
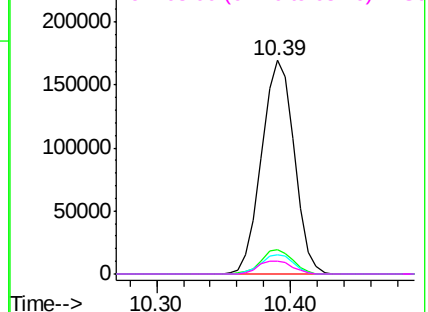


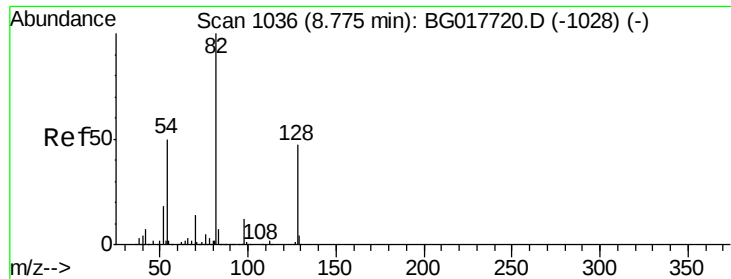
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

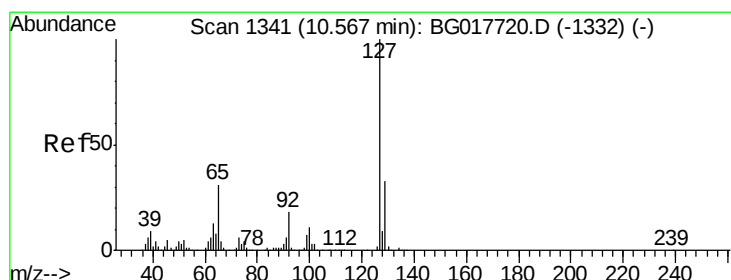
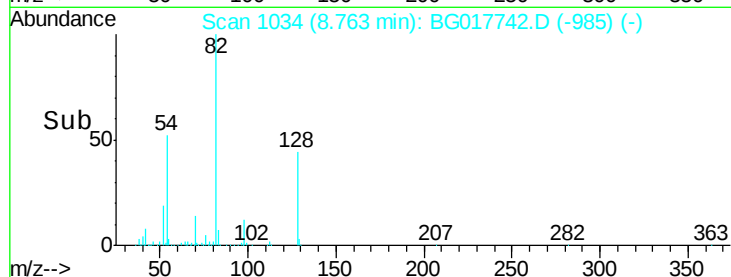
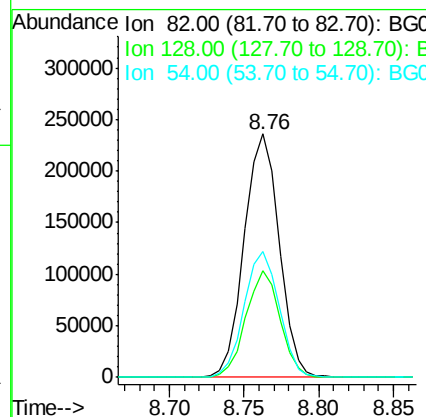
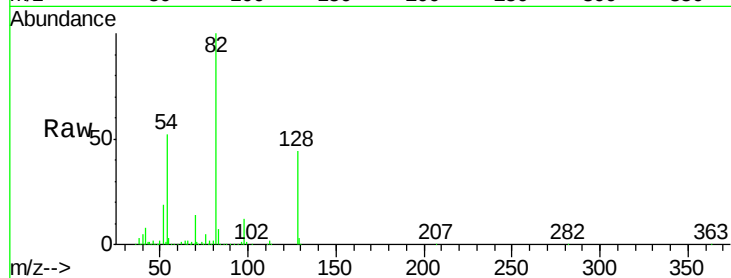




#23
Nitrobenzene-d5
Concen: 77.19 ng
RT: 8.76 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG017742.D
Acq: 22 Jun 2015 12:34

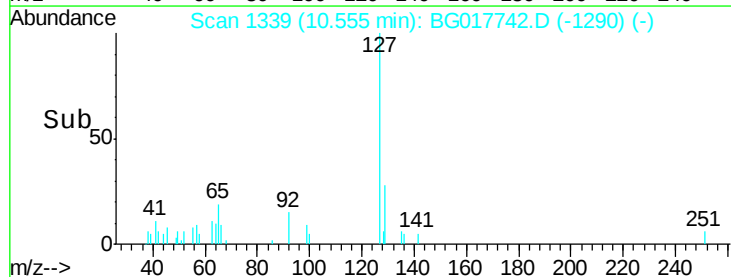
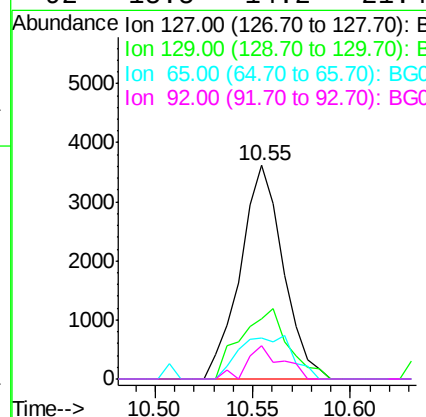
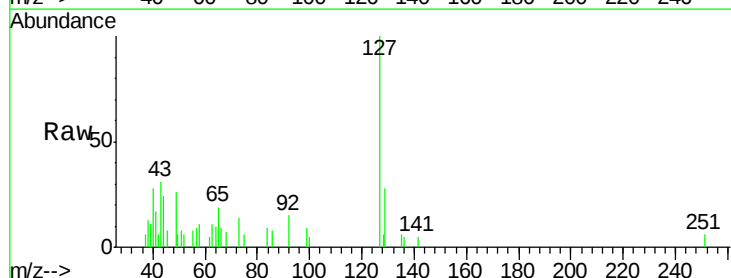
Instrument :
BNA_G
ClientSampleId :
LOD-WATER2015-01

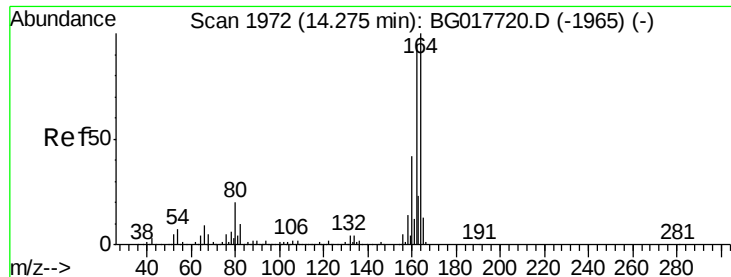
Tgt Ion: 82 Resp: 383369
Ion Ratio Lower Upper
82 100
128 43.9 37.8 56.6
54 51.6 39.9 59.9



#33
4-Chloroaniline
Concen: 0.81 ng
RT: 10.55 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BG017742.D
Acq: 22 Jun 2015 12:34

Tgt Ion: 127 Resp: 5502
Ion Ratio Lower Upper
127 100
129 28.2 26.7 40.1
65 19.3 24.6 37.0#
92 15.5 14.2 21.4





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.26 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BG017742.D

Acq: 22 Jun 2015 12:34

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2015-01

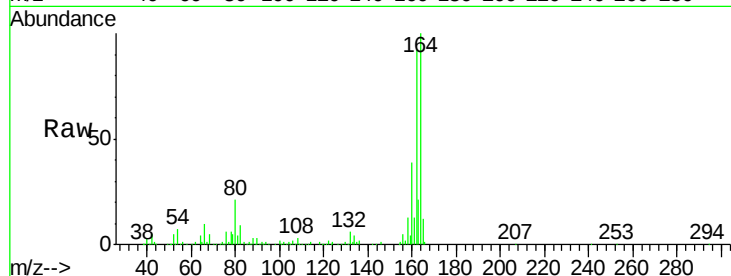
Tgt Ion:164 Resp: 176033

Ion Ratio Lower Upper

164 100

162 92.1 76.3 114.5

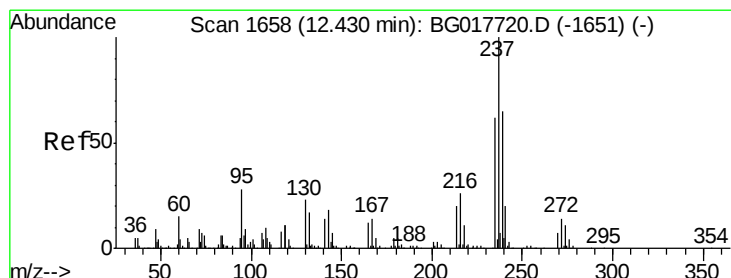
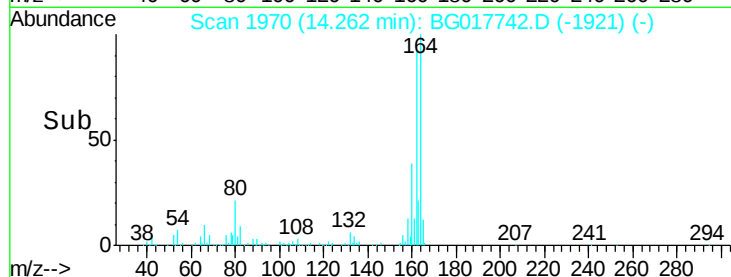
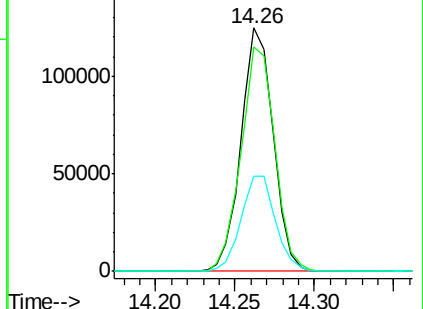
160 39.1 33.7 50.5



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: 0.95 ng

RT: 12.42 min Scan# 1656

Delta R.T. -0.01 min

Lab File: BG017742.D

Acq: 22 Jun 2015 12:34

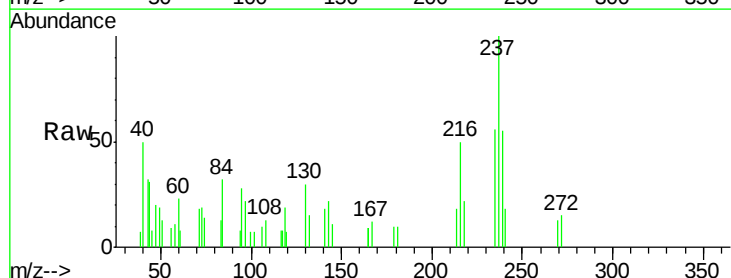
Tgt Ion:237 Resp: 3004

Ion Ratio Lower Upper

237 100

235 56.3 42.2 82.2

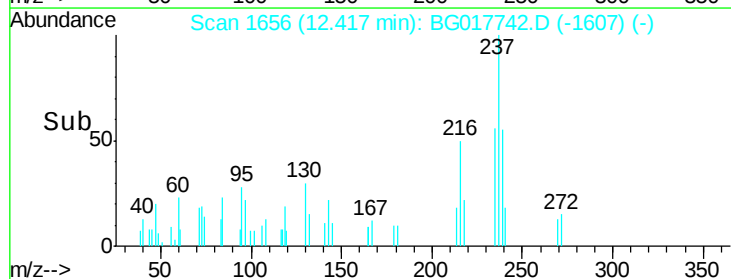
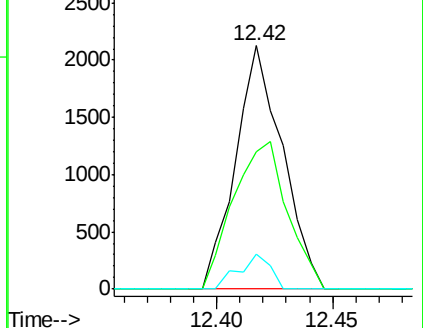
272 14.6 0.0 33.9

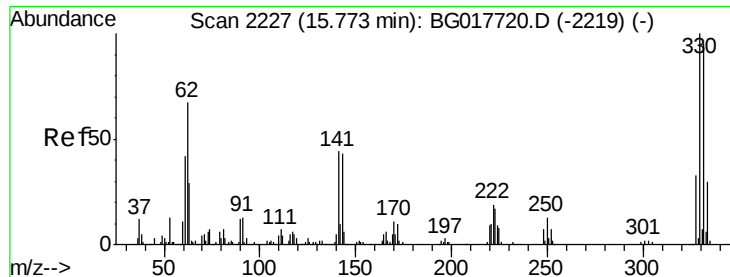


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 104.09 ng

RT: 15.76 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG017742.D

Acq: 22 Jun 2015 12:34

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2015-01

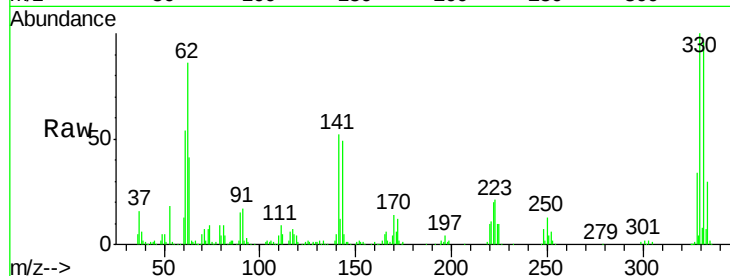
Tgt Ion:330 Resp: 169903

Ion Ratio Lower Upper

330 100

332 95.4 76.8 115.2

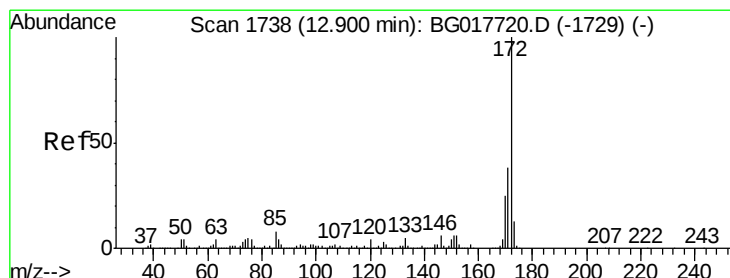
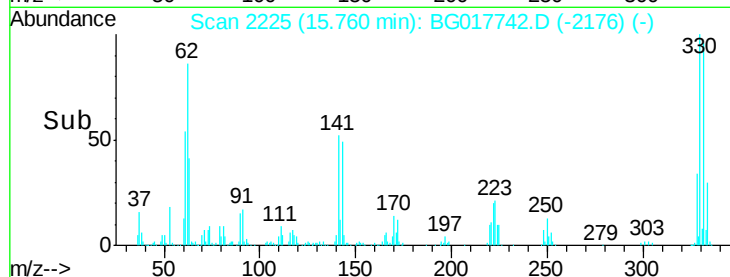
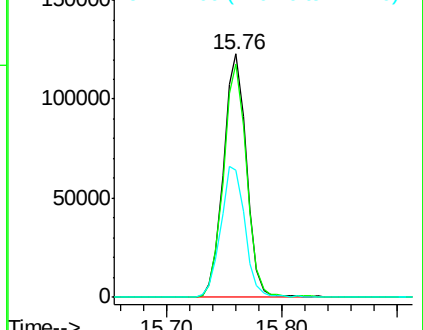
141 55.8 38.0 57.0



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 71.48 ng

RT: 12.88 min Scan# 1735

Delta R.T. -0.02 min

Lab File: BG017742.D

Acq: 22 Jun 2015 12:34

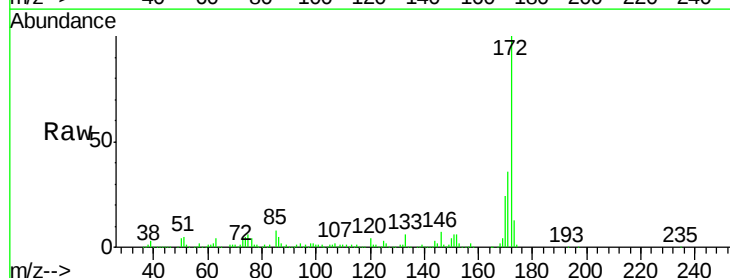
Tgt Ion:172 Resp: 774702

Ion Ratio Lower Upper

172 100

171 36.1 30.7 46.1

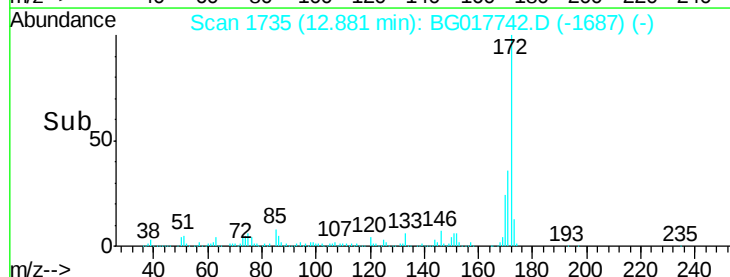
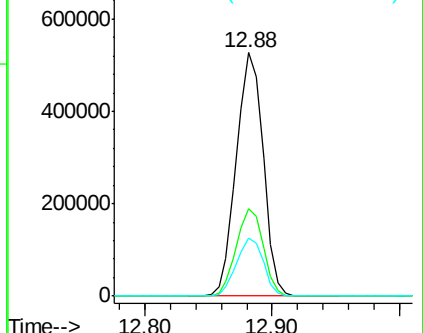
170 24.1 19.7 29.5

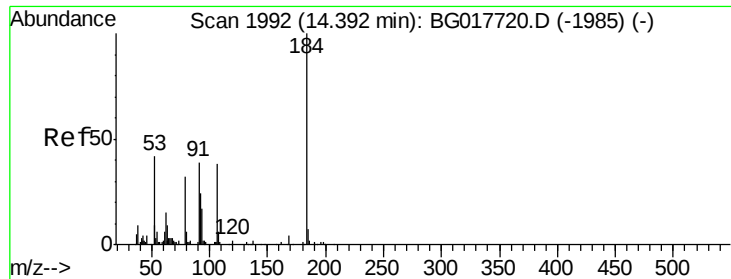


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

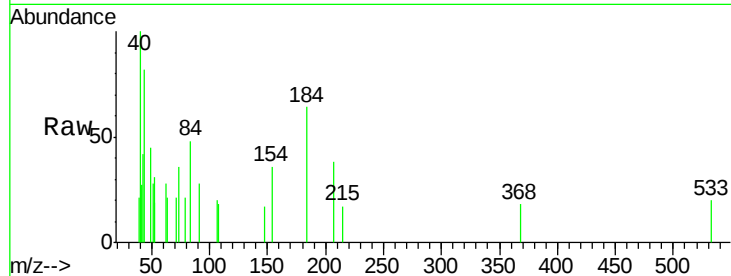




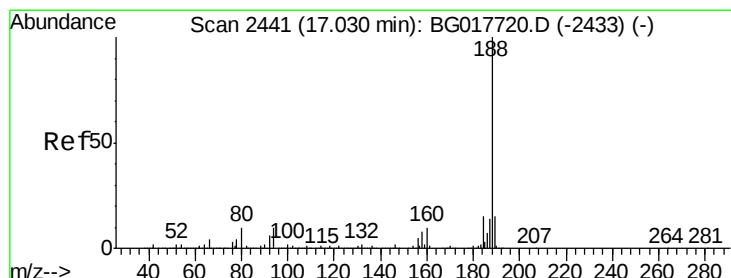
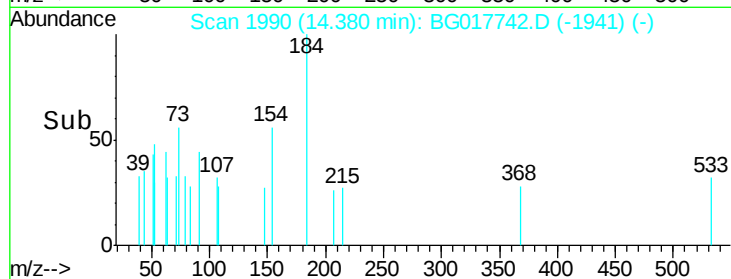
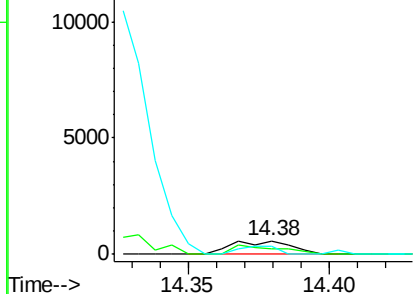
#53
2,4-Dinitrophenol
Concen: 7.77 ng
RT: 14.38 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG017742.D
Acq: 22 Jun 2015 12:34

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2015-01

Tgt Ion:184 Resp: 841
Ion Ratio Lower Upper
184 100
63 44.2 47.8 71.6#
154 56.5 39.3 58.9

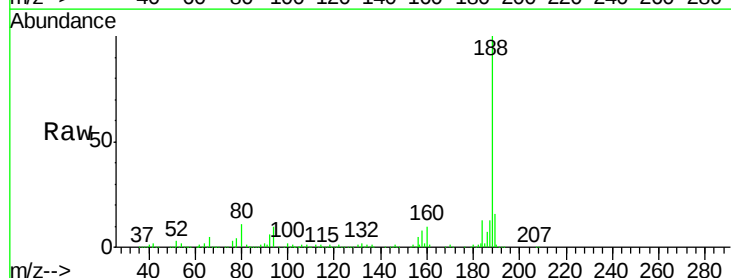


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

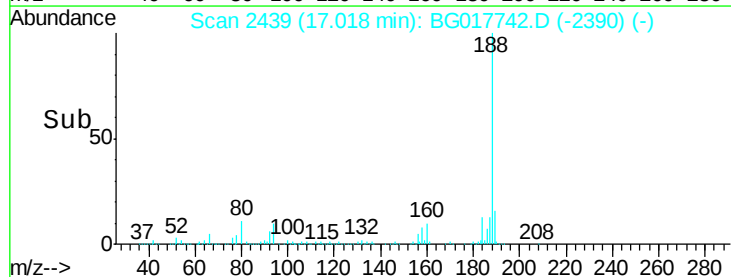
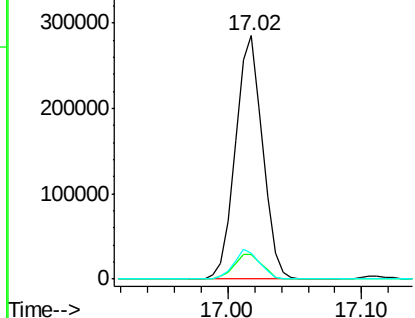


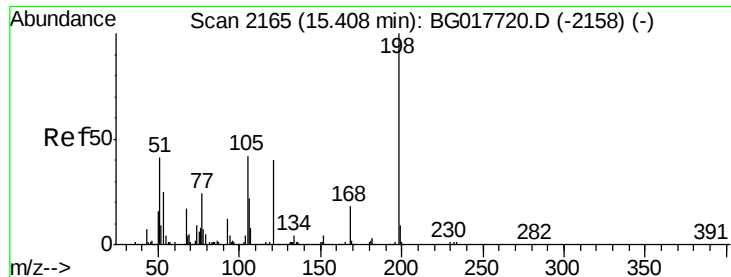
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.02 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG017742.D
Acq: 22 Jun 2015 12:34

Tgt Ion:188 Resp: 401444
Ion Ratio Lower Upper
188 100
94 9.9 8.2 12.2
80 10.8 8.2 12.4



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

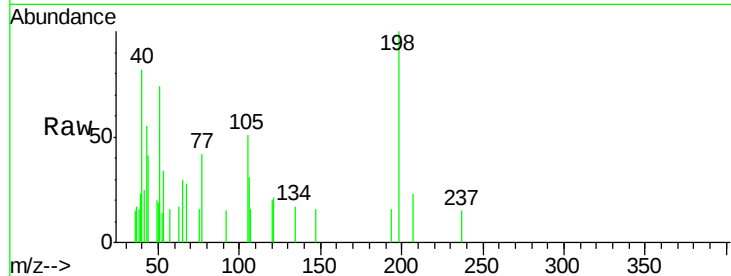




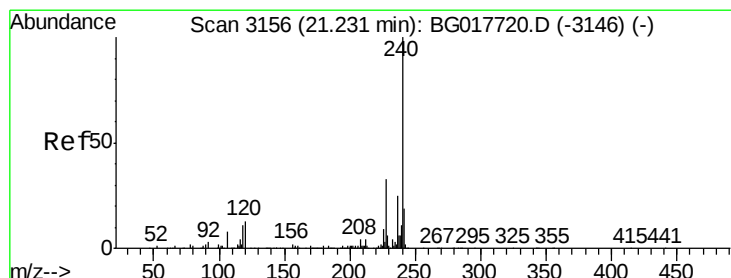
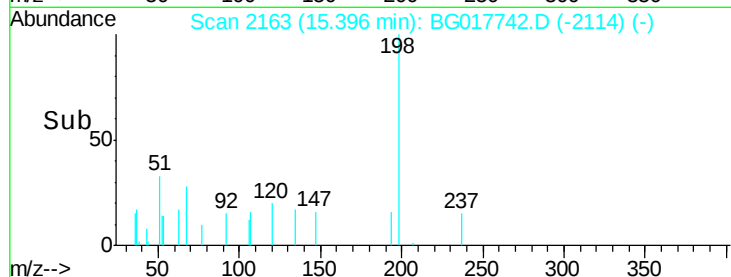
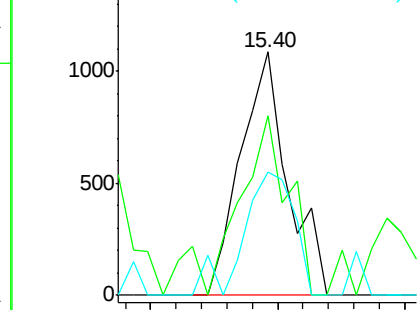
#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.73 ng
 RT: 15.40 min Scan# 2163
 Delta R.T. -0.01 min
 Lab File: BG017742.D
 Acq: 22 Jun 2015 12:34

Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER2015-01

Tgt Ion:198 Resp: 1405
 Ion Ratio Lower Upper
 198 100
 51 74.0 27.0 67.0#
 105 50.8 23.3 63.3

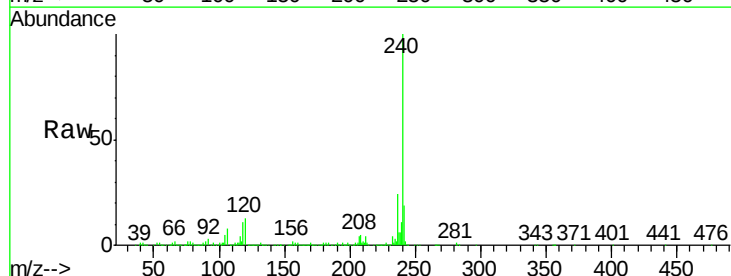


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

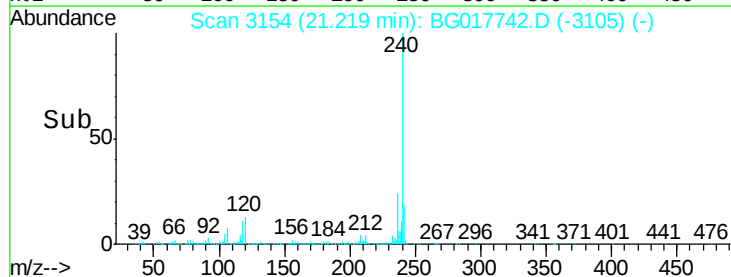
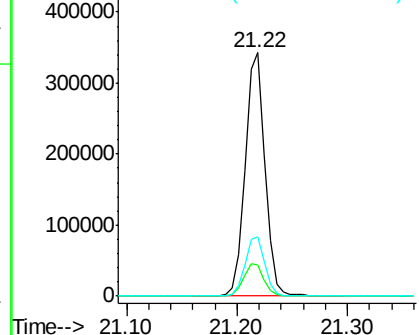


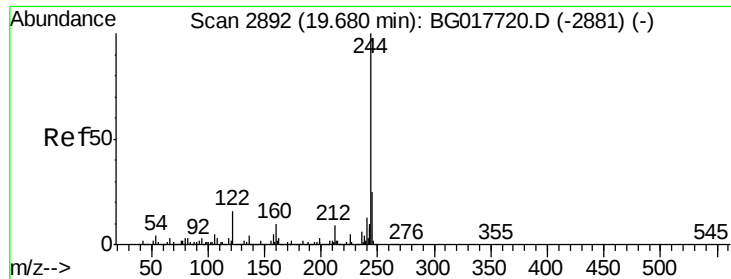
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.22 min Scan# 3154
 Delta R.T. -0.01 min
 Lab File: BG017742.D
 Acq: 22 Jun 2015 12:34

Tgt Ion:240 Resp: 430320
 Ion Ratio Lower Upper
 240 100
 120 12.7 10.8 16.2
 236 24.3 20.0 30.0



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: 69.69 ng

RT: 19.67 min Scan# 2890

Delta R.T. -0.01 min

Lab File: BG017742.D

Acq: 22 Jun 2015 12:34

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2015-01

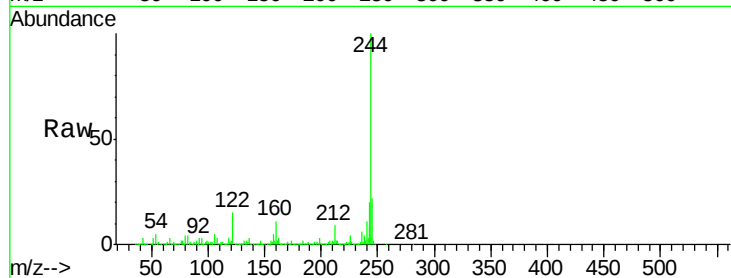
Tgt Ion:244 Resp: 1319691

Ion Ratio Lower Upper

244 100

212 8.5 7.2 10.8

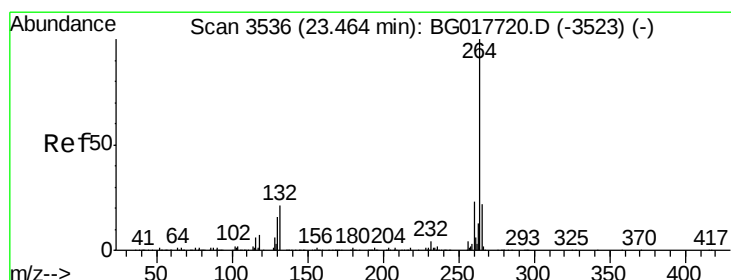
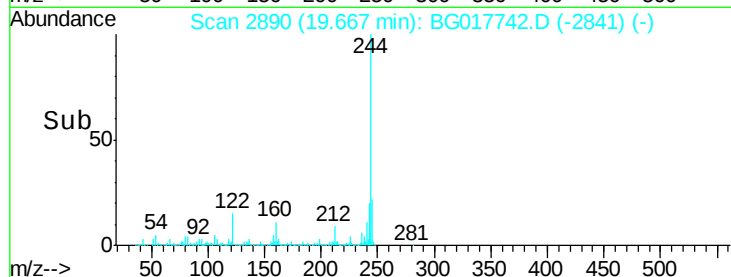
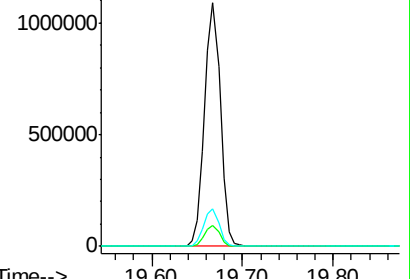
122 15.3 12.8 19.2



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.45 min Scan# 3533

Delta R.T. -0.02 min

Lab File: BG017742.D

Acq: 22 Jun 2015 12:34

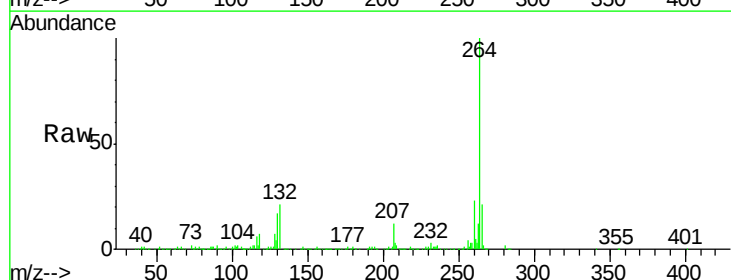
Tgt Ion:264 Resp: 399948

Ion Ratio Lower Upper

264 100

260 22.9 18.6 27.8

265 21.3 18.2 27.2



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

