

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062215\
 Data File : BG017741.D
 Acq On : 22 Jun 2015 11:59
 Operator : TP/IZ
 Sample : G2653-05
 Misc : LOD-SVOC-WATER-1PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER2015-01

Quant Time: Jun 23 02:11:14 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

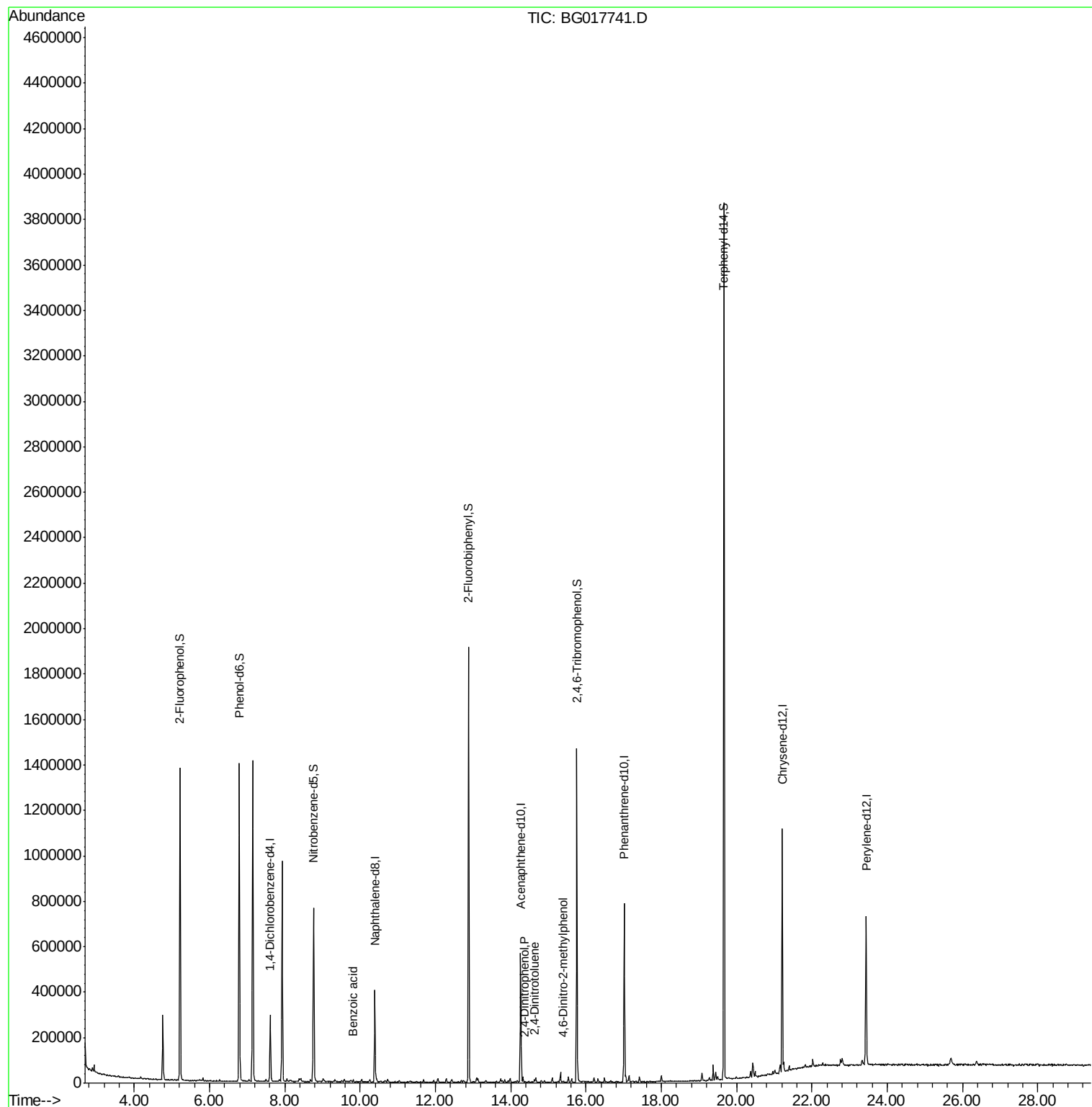
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	66427	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	300000	20.00	ng	-0.01
38) Acenaphthene-d10	14.26	164	180185	20.00	ng	-0.01
63) Phenanthrene-d10	17.01	188	413941	20.00	ng	-0.02
75) Chrysene-d12	21.21	240	442154	20.00	ng	-0.02
86) Perylene-d12	23.44	264	413085	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	514552	135.94	ng	0.00
7) Phenol-d6	6.79	99	689695	129.64	ng	-0.01
23) Nitrobenzene-d5	8.76	82	418678	80.28	ng	-0.01
41) 2,4,6-Tribromophenol	15.76	330	188333	112.72	ng	-0.01
44) 2-Fluorobiphenyl	12.88	172	858618	77.39	ng	-0.02
78) Terphenyl-d14	19.66	244	1440969	74.05	ng	-0.02
Target Compounds						
32) Benzoic acid	9.80	122	129	7.81	ng	# 1
53) 2,4-Dinitrophenol	14.37	184	278	7.39	ng	# 67
56) 2,4-Dinitrotoluene	14.63	165	2004	3.39	ng	# 89
64) 4,6-Dinitro-2-methylphenol	15.40	198	792	7.48	ng	88

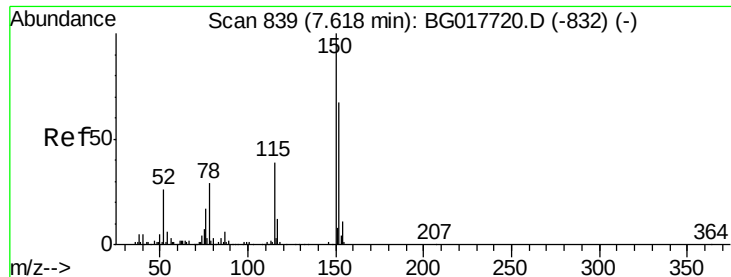
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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



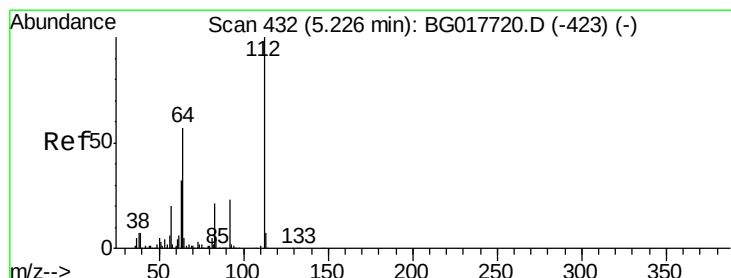
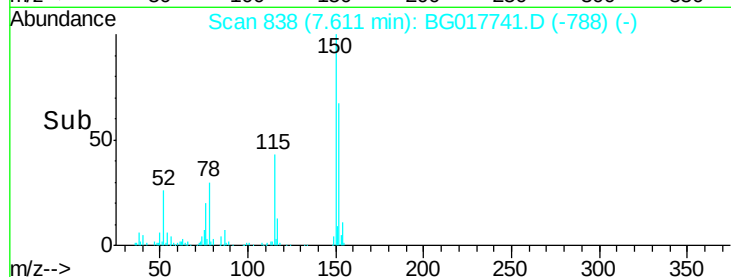
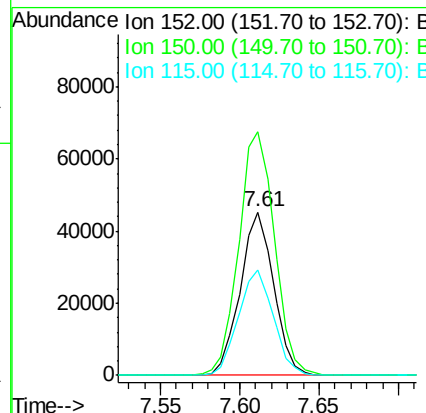
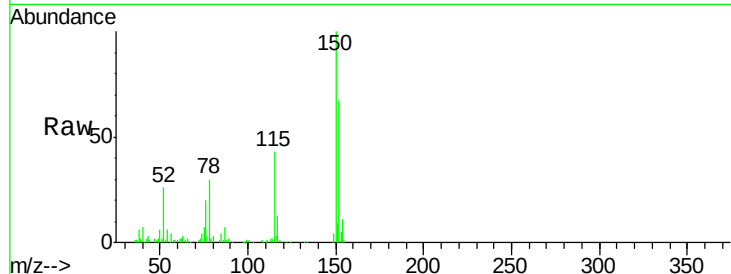


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.61 min Scan# 838
Delta R.T. -0.01 min
Lab File: BG017741.D
Acq: 22 Jun 2015 11:59

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2015-01

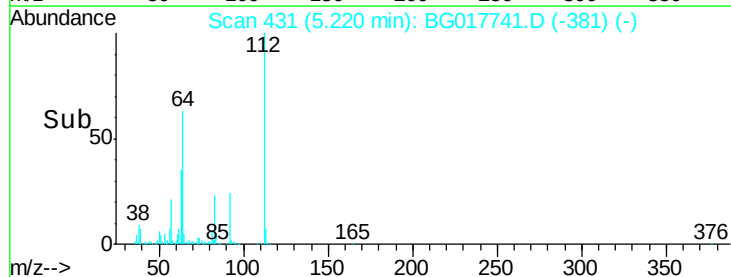
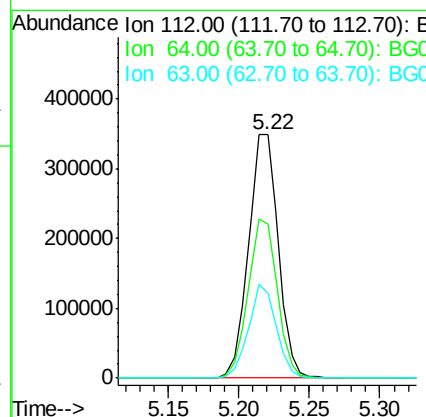
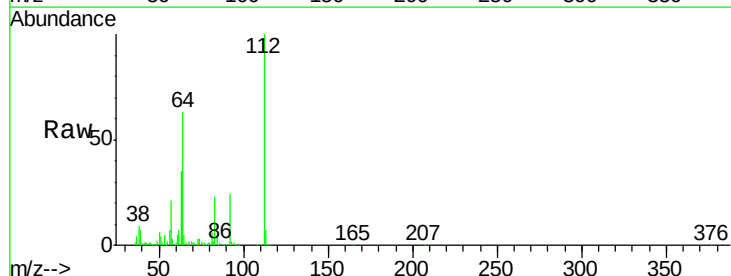
Tgt Ion:152 Resp: 66427
Ion Ratio Lower Upper
152 100
150 149.2 119.1 178.7
115 64.3 47.0 70.4

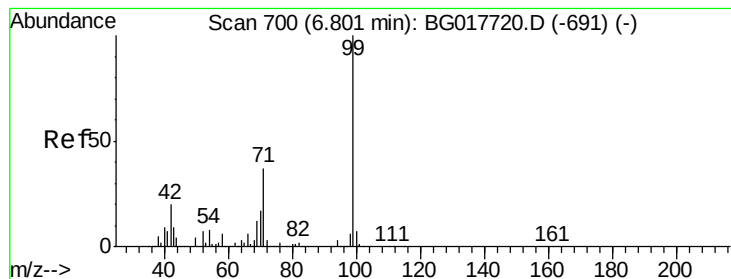


#5

2-Fluorophenol
Concen: 135.94 ng
RT: 5.22 min Scan# 431
Delta R.T. -0.01 min
Lab File: BG017741.D
Acq: 22 Jun 2015 11:59

Tgt Ion:112 Resp: 514552
Ion Ratio Lower Upper
112 100
64 63.2 45.4 68.0
63 34.7 25.3 37.9





#7

Phenol-d6

Concen: 129.64 ng

RT: 6.79 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG017741.D

Acq: 22 Jun 2015 11:59

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2015-01

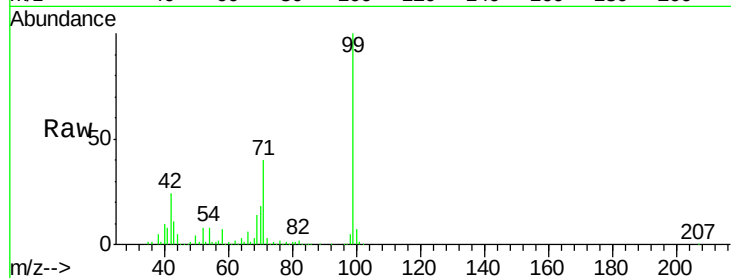
Tgt Ion: 99 Resp: 689695

Ion Ratio Lower Upper

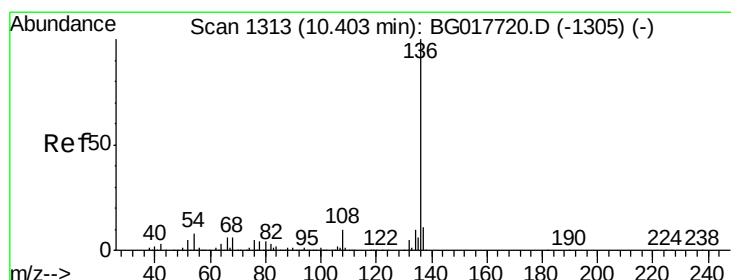
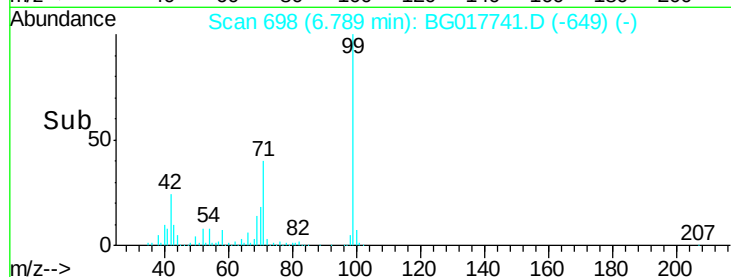
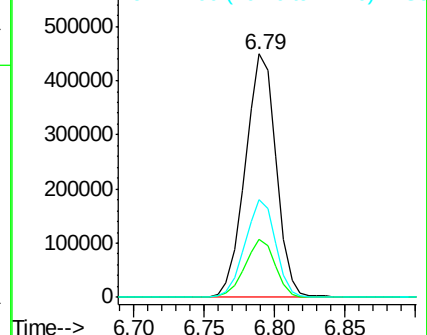
99 100

42 23.8 16.2 24.4

71 40.2 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.39 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BG017741.D

Acq: 22 Jun 2015 11:59

Tgt Ion: 136 Resp: 300000

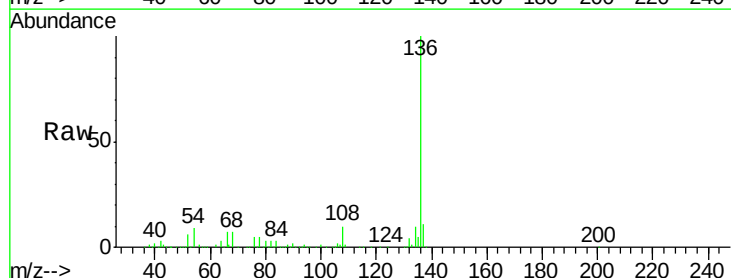
Ion Ratio Lower Upper

136 100

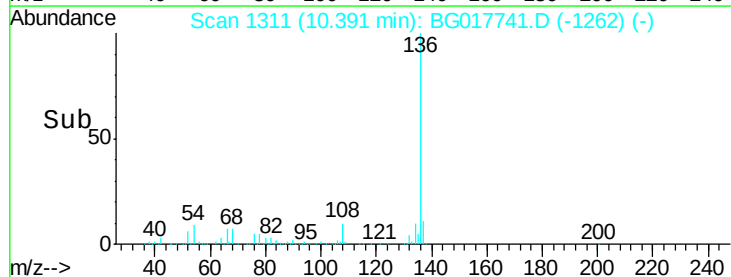
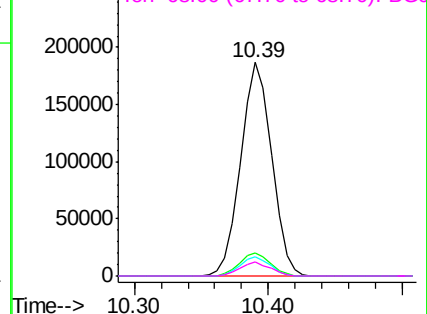
137 10.5 8.8 13.2

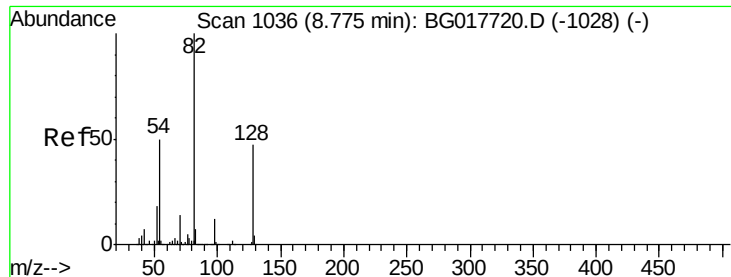
54 8.7 6.6 9.8

68 6.9 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

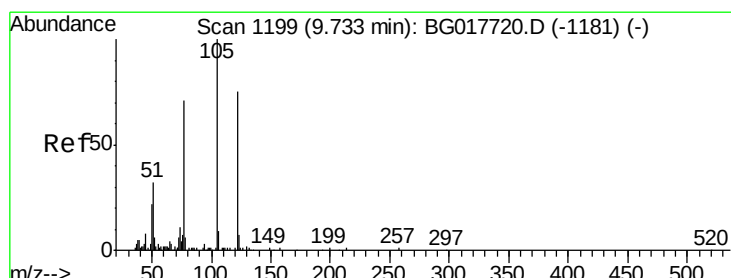
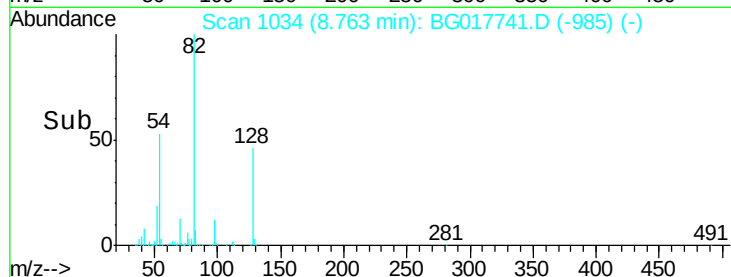
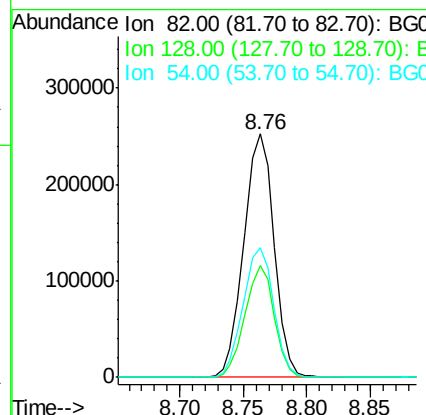
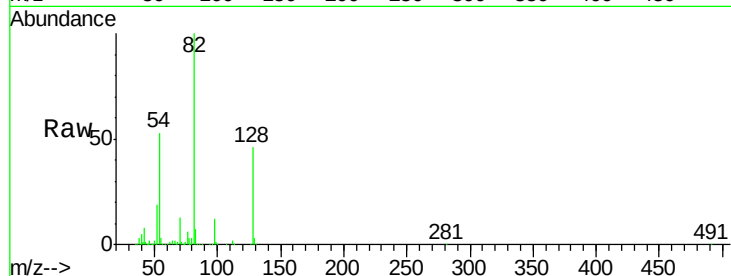




#23
 Nitrobenzene-d5
 Concen: 80.28 ng
 RT: 8.76 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BG017741.D
 Acq: 22 Jun 2015 11:59

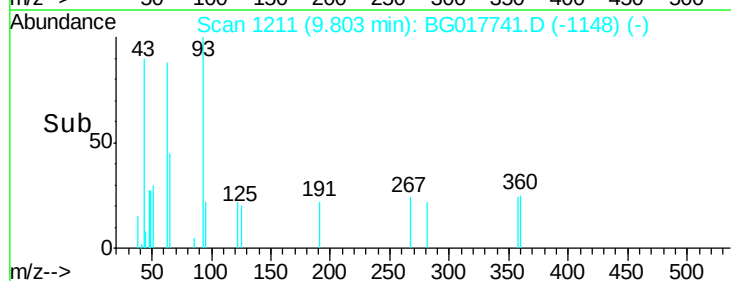
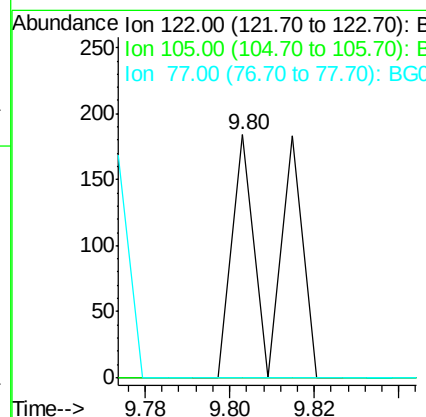
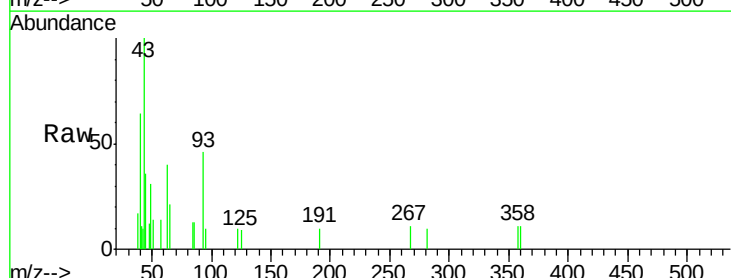
Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER2015-01

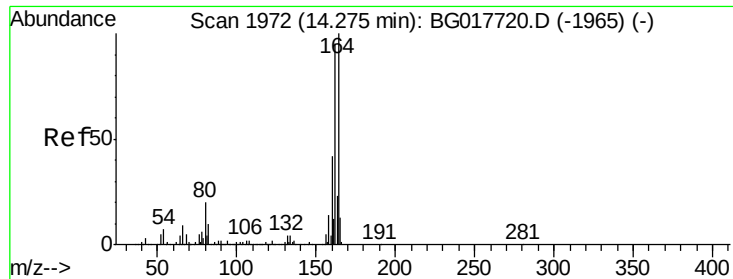
Tgt Ion: 82 Resp: 418678
 Ion Ratio Lower Upper
 82 100
 128 46.1 37.8 56.6
 54 53.4 39.9 59.9



#32
 Benzoic acid
 Concen: 7.81 ng
 RT: 9.80 min Scan# 1211
 Delta R.T. 0.07 min
 Lab File: BG017741.D
 Acq: 22 Jun 2015 11:59

Tgt Ion: 122 Resp: 129
 Ion Ratio Lower Upper
 122 100
 105 0.0 111.3 151.3#
 77 0.0 75.2 115.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.26 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BG017741.D

Acq: 22 Jun 2015 11:59

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2015-01

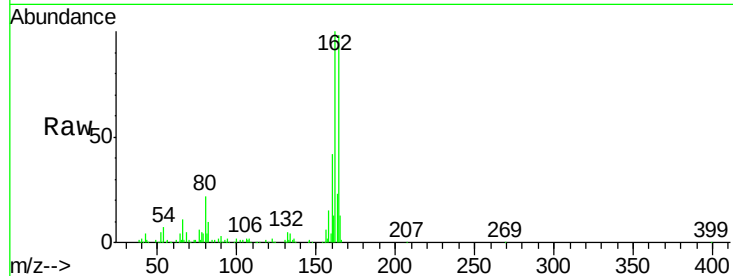
Tgt Ion:164 Resp: 180185

Ion Ratio Lower Upper

164 100

162 101.6 76.3 114.5

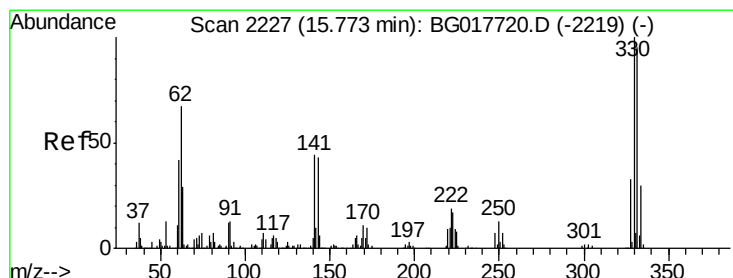
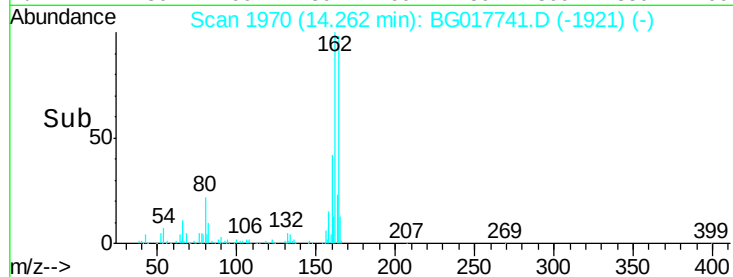
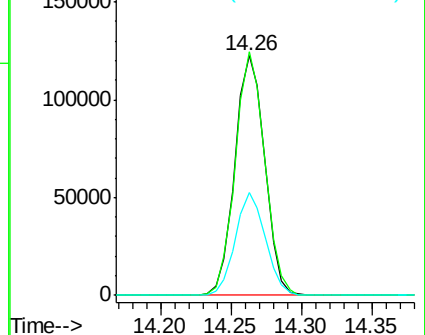
160 42.9 33.7 50.5



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



#41

2,4,6-Tribromophenol

Concen: 112.72 ng

RT: 15.76 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG017741.D

Acq: 22 Jun 2015 11:59

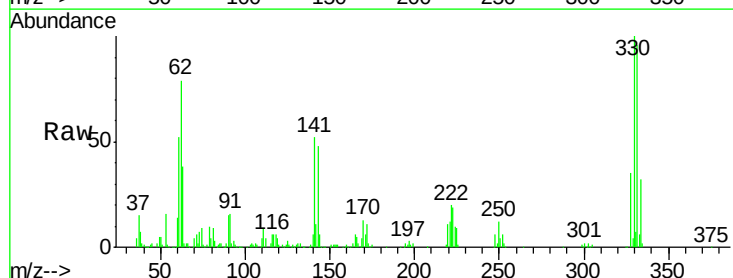
Tgt Ion:330 Resp: 188333

Ion Ratio Lower Upper

330 100

332 99.2 76.8 115.2

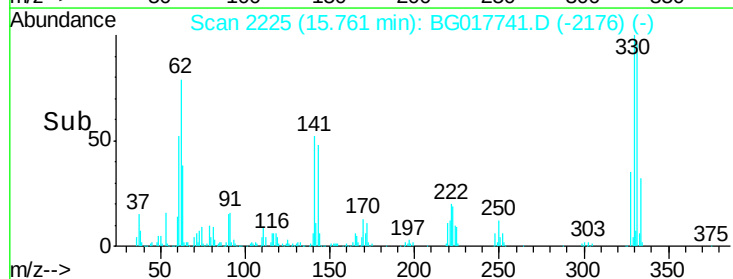
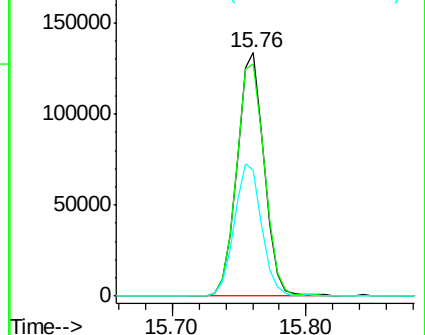
141 55.4 38.0 57.0

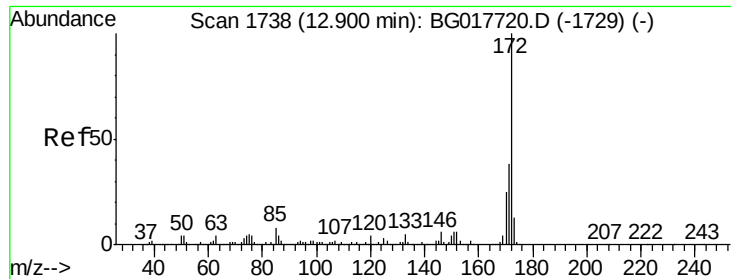


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

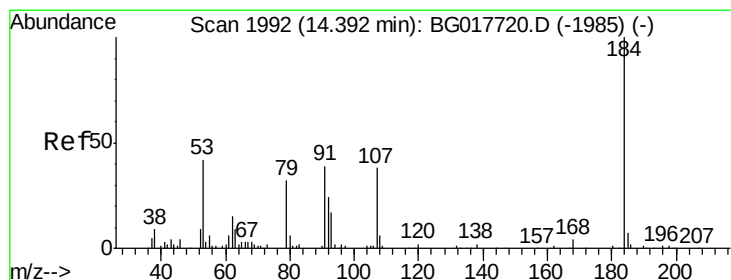
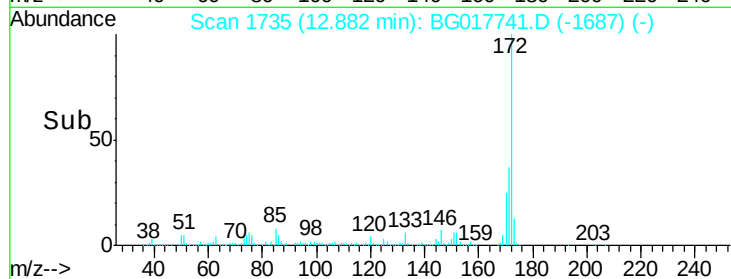
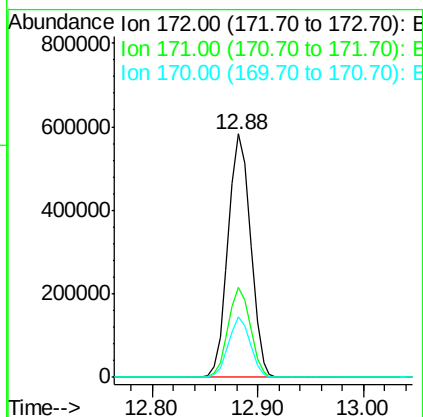
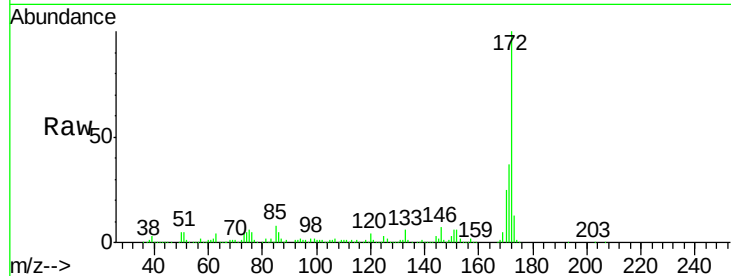




#44
 2-Fluorobiphenyl
 Concen: 77.39 ng
 RT: 12.88 min Scan# 1735
 Delta R.T. -0.02 min
 Lab File: BG017741.D
 Acq: 22 Jun 2015 11:59

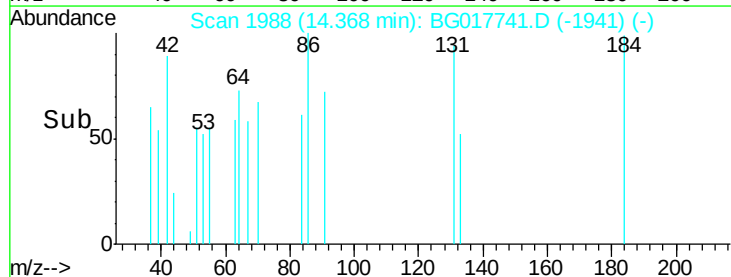
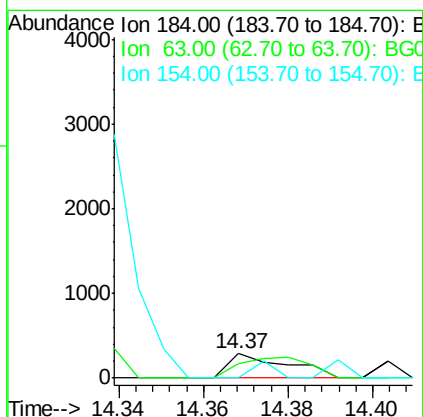
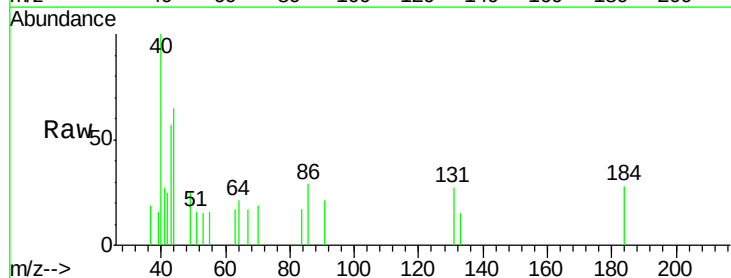
Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER2015-01

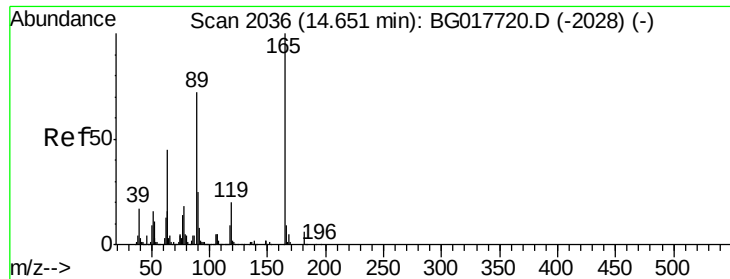
Tgt Ion:172 Resp: 858618
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.7 46.1
 170 24.8 19.7 29.5



#53
 2,4-Dinitrophenol
 Concen: 7.39 ng
 RT: 14.37 min Scan# 1988
 Delta R.T. -0.02 min
 Lab File: BG017741.D
 Acq: 22 Jun 2015 11:59

Tgt Ion:184 Resp: 278
 Ion Ratio Lower Upper
 184 100
 63 59.3 47.8 71.6
 154 0.0 39.3 58.9#

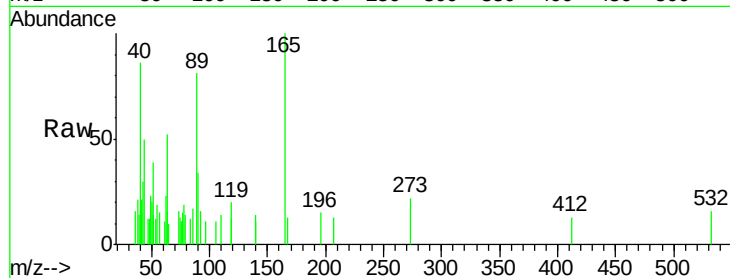




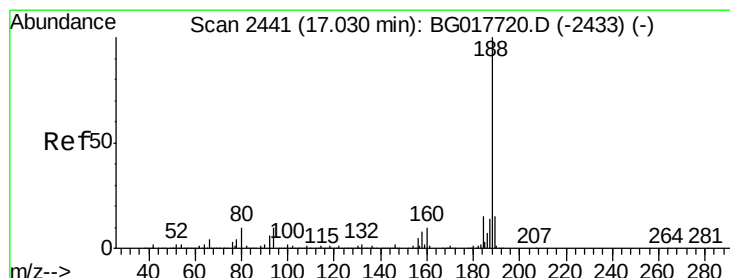
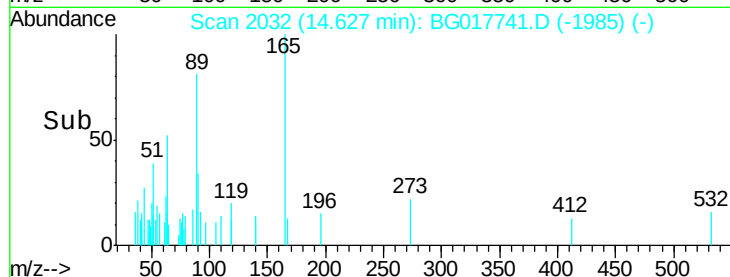
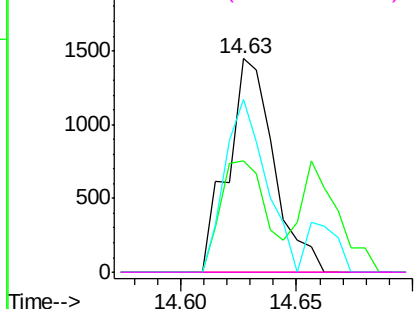
#56
 2,4-Dinitrotoluene
 Concen: 3.39 ng
 RT: 14.63 min Scan# 2032
 Delta R.T. -0.02 min
 Lab File: BG017741.D
 Acq: 22 Jun 2015 11:59

Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER2015-01

Tgt Ion:165 Resp: 2004
 Ion Ratio Lower Upper
 165 100
 63 52.2 36.2 54.4
 89 81.0 57.9 86.9
 182 0.0 4.7 7.1#

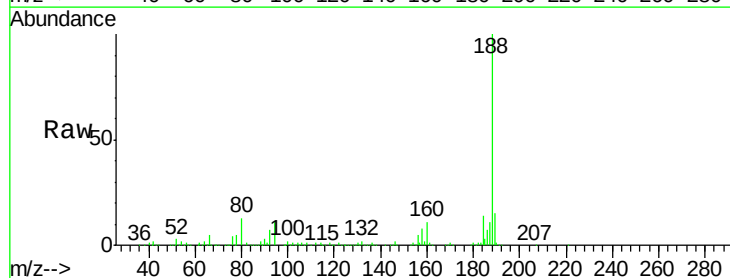


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

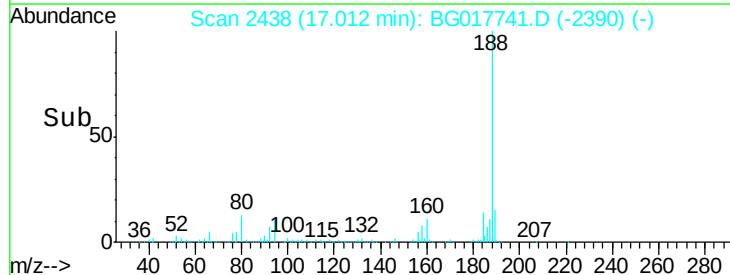
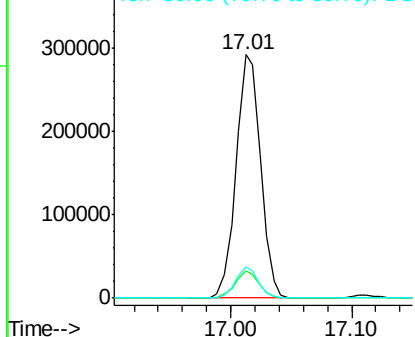


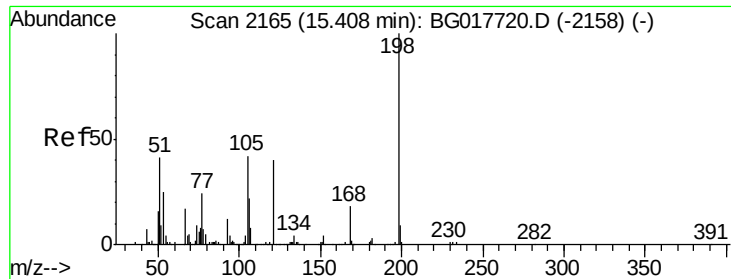
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.01 min Scan# 2438
 Delta R.T. -0.02 min
 Lab File: BG017741.D
 Acq: 22 Jun 2015 11:59

Tgt Ion:188 Resp: 413941
 Ion Ratio Lower Upper
 188 100
 94 11.4 8.2 12.2
 80 12.5 8.2 12.4#



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: 7.48 ng

RT: 15.40 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BG017741.D

Acq: 22 Jun 2015 11:59

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2015-01

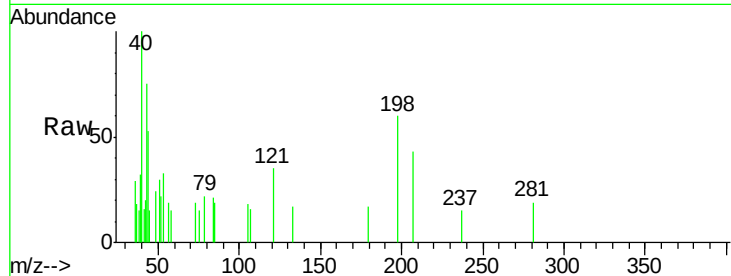
Tgt Ion:198 Resp: 792

Ion Ratio Lower Upper

198 100

51 49.9 27.0 67.0

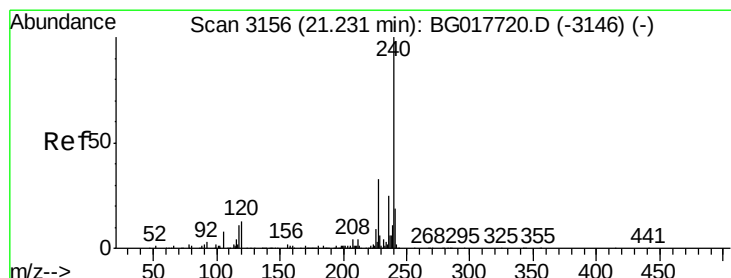
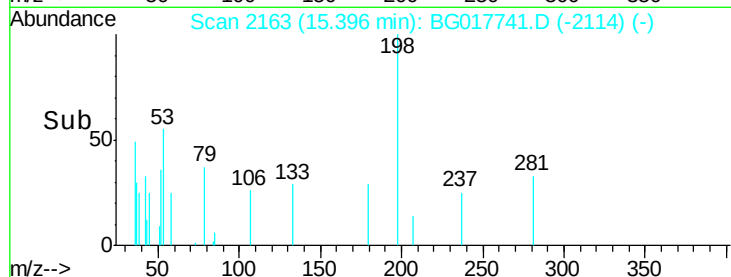
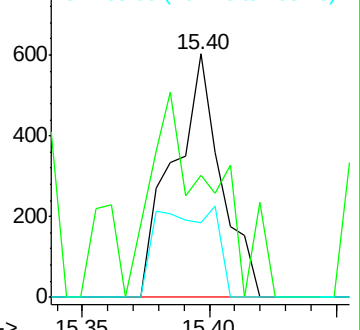
105 30.5 23.3 63.3



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: 21.21 min Scan# 3153

Delta R.T. -0.02 min

Lab File: BG017741.D

Acq: 22 Jun 2015 11:59

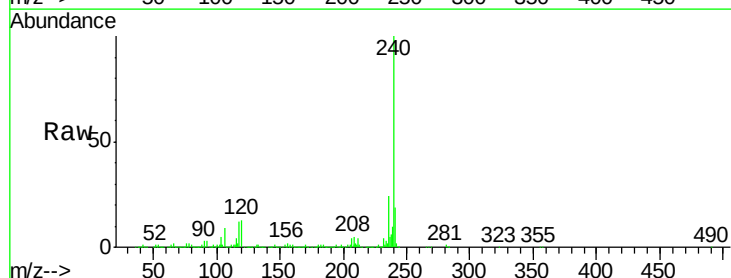
Tgt Ion:240 Resp: 442154

Ion Ratio Lower Upper

240 100

120 13.4 10.8 16.2

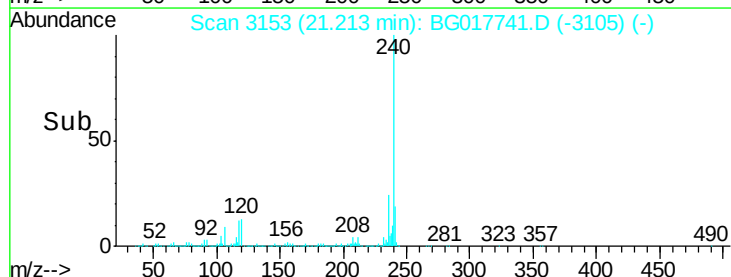
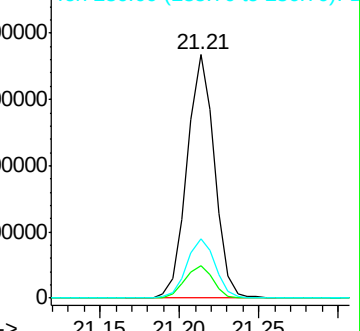
236 24.2 20.0 30.0

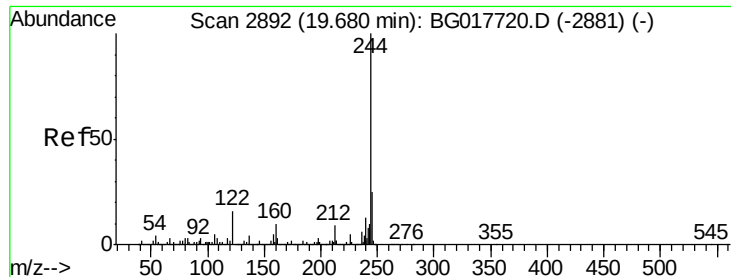


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 74.05 ng

RT: 19.66 min Scan# 2889

Delta R.T. -0.02 min

Lab File: BG017741.D

Acq: 22 Jun 2015 11:59

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2015-01

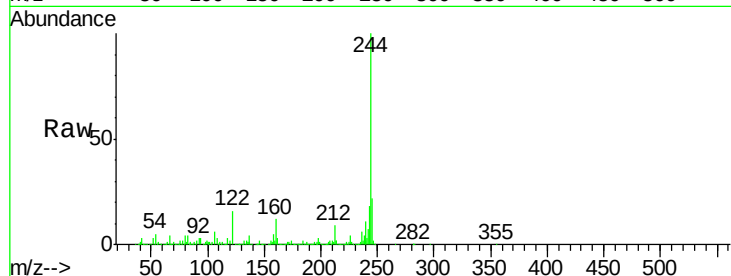
Tgt Ion:244 Resp: 1440969

Ion Ratio Lower Upper

244 100

212 8.6 7.2 10.8

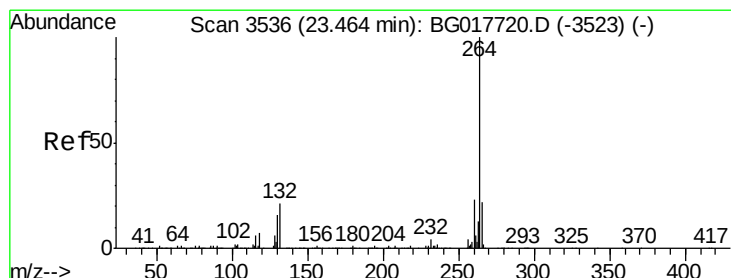
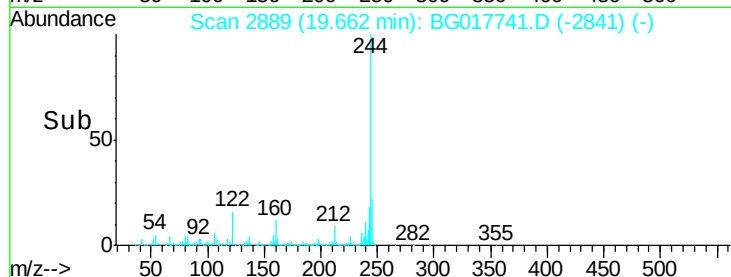
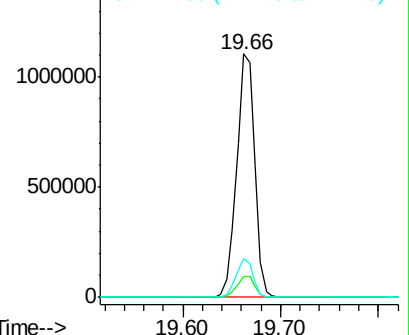
122 15.7 12.8 19.2



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: 23.44 min Scan# 3532

Delta R.T. -0.02 min

Lab File: BG017741.D

Acq: 22 Jun 2015 11:59

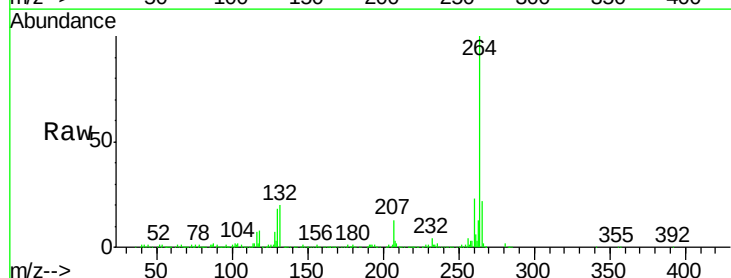
Tgt Ion:264 Resp: 413085

Ion Ratio Lower Upper

264 100

260 22.9 18.6 27.8

265 22.5 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

