

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062215\
 Data File : BG017743.D
 Acq On : 22 Jun 2015 13:09
 Operator : TP/IZ
 Sample : G2653-05
 Misc : LOD-SVOC-WATER-5PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER2015-01

Quant Time: Jun 23 12:34:10 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

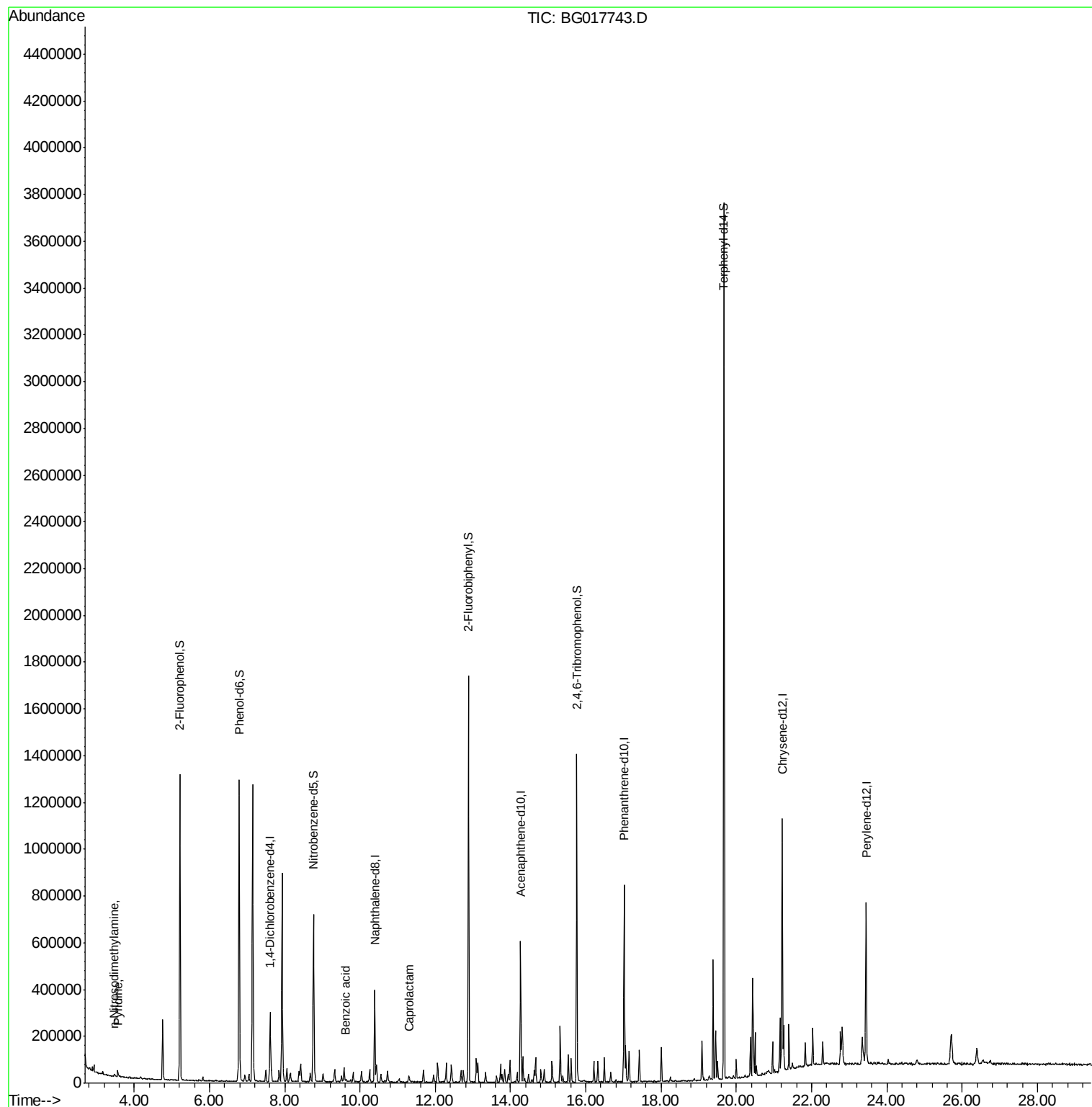
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	69380	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	306586	20.00	ng	-0.01
38) Acenaphthene-d10	14.27	164	186907	20.00	ng	0.00
63) Phenanthrene-d10	17.02	188	418215	20.00	ng	-0.01
75) Chrysene-d12	21.22	240	460064	20.00	ng	-0.01
86) Perylene-d12	23.44	264	427511	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	476351	120.49	ng	0.00
7) Phenol-d6	6.79	99	638131	114.84	ng	0.00
23) Nitrobenzene-d5	8.76	82	387117	72.63	ng	-0.01
41) 2,4,6-Tribromophenol	15.76	330	178713	103.12	ng	-0.01
44) 2-Fluorobiphenyl	12.88	172	793068	68.91	ng	-0.01
78) Terphenyl-d14	19.67	244	1347869	66.57	ng	-0.01
Target Compounds						
3) Pyridine	3.56	79	16263	3.39	ng	Qvalue # 86
4) n-Nitrosodimethylamine	3.47	42	6753m	3.10	ng	
32) Benzoic acid	9.62	122	4604m	9.19	ng	
35) Caprolactam	11.30	113	6330	2.61	ng	88

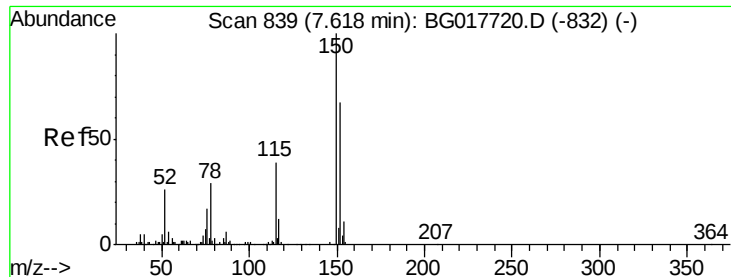
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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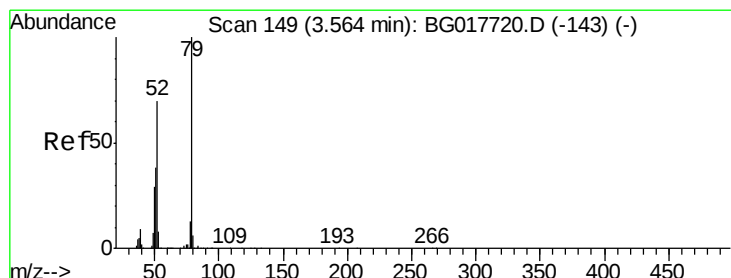
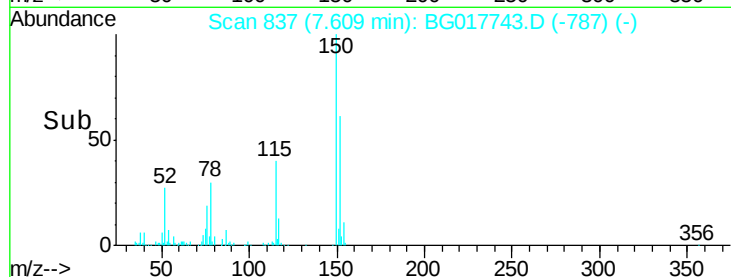
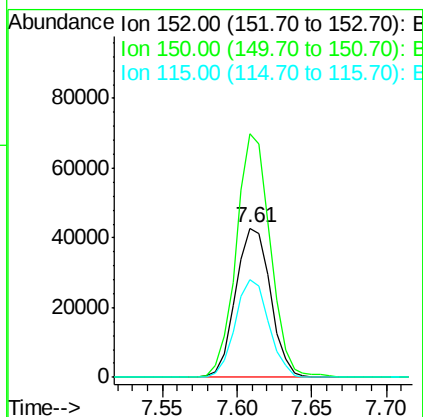
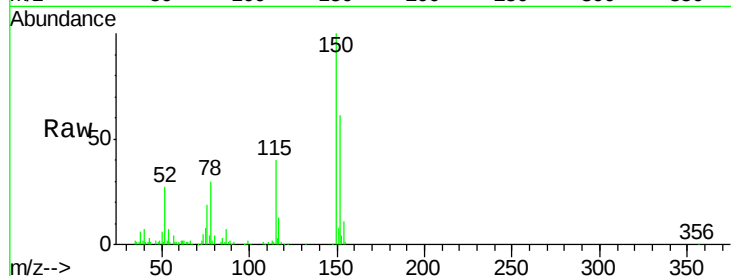


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.61 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG017743.D
Acq: 22 Jun 2015 13:09

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2015-01

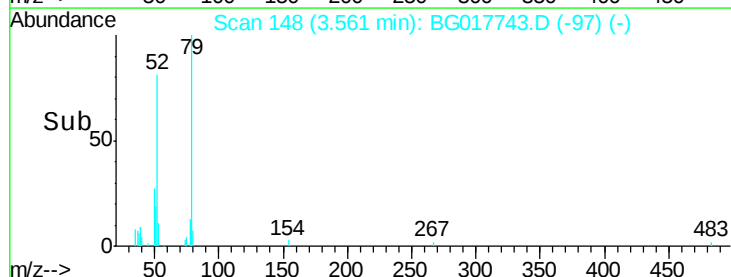
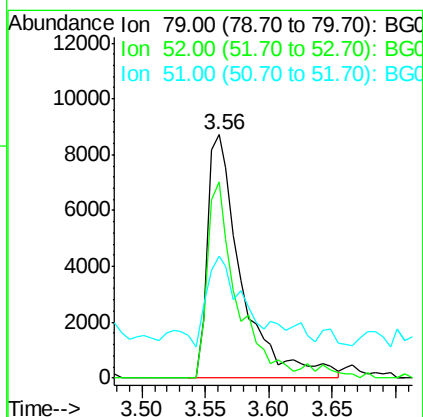
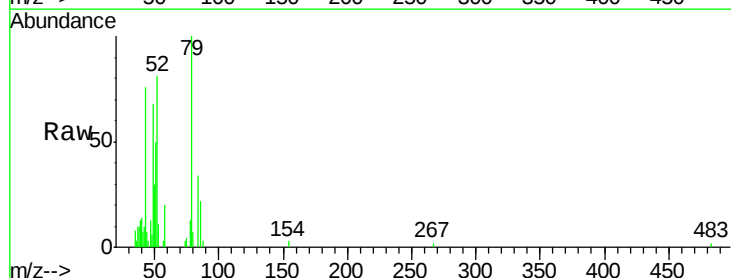
Tgt Ion:152 Resp: 69380
Ion Ratio Lower Upper
152 100
150 163.3 119.1 178.7
115 65.6 47.0 70.4

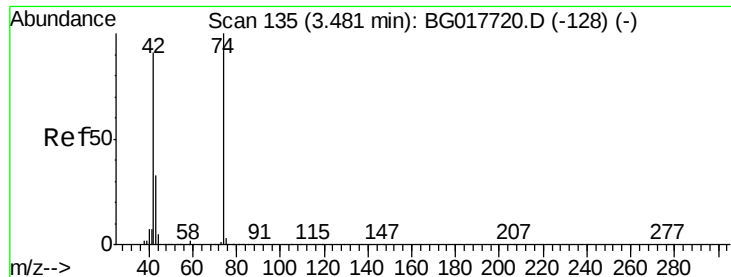


#3

Pyridine
Concen: 3.39 ng
RT: 3.56 min Scan# 148
Delta R.T. -0.00 min
Lab File: BG017743.D
Acq: 22 Jun 2015 13:09

Tgt Ion: 79 Resp: 16263
Ion Ratio Lower Upper
79 100
52 80.7 55.7 83.5
51 49.9 32.2 48.4#





#4

n-Nitrosodimethylamine

Concen: 3.10 ng m

RT: 3.47 min Scan# 133

Delta R.T. -0.01 min

Lab File: BG017743.D

Acq: 22 Jun 2015 13:09

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2015-01

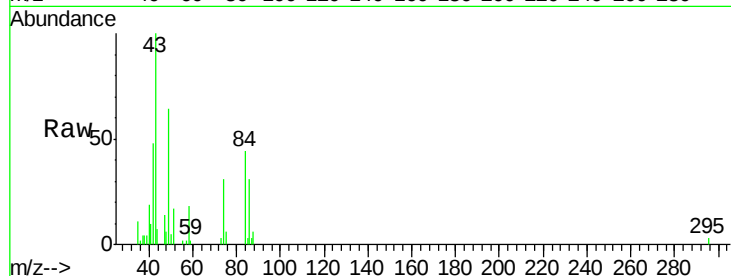
Tgt Ion: 42 Resp: 6753

Ion Ratio Lower Upper

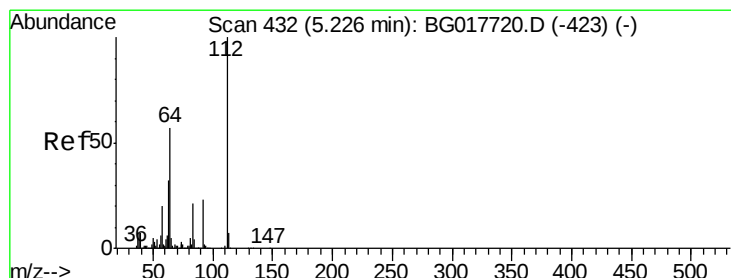
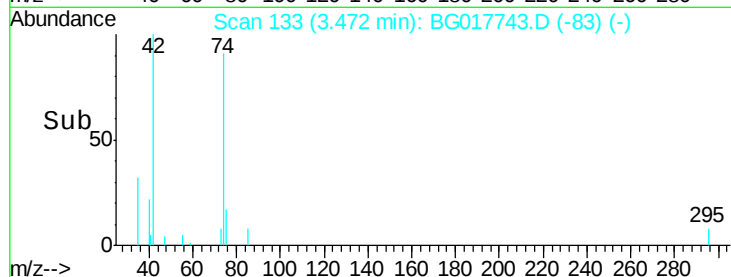
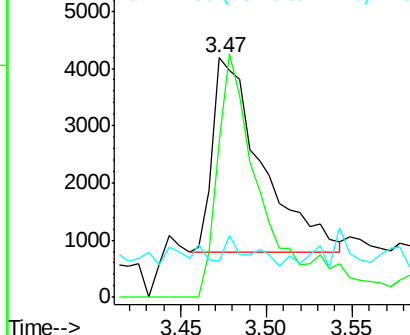
42 100

74 65.0 87.4 131.2#

44 15.3 6.4 9.6#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC



#5

2-Fluorophenol

Concen: 120.49 ng

RT: 5.22 min Scan# 430

Delta R.T. -0.01 min

Lab File: BG017743.D

Acq: 22 Jun 2015 13:09

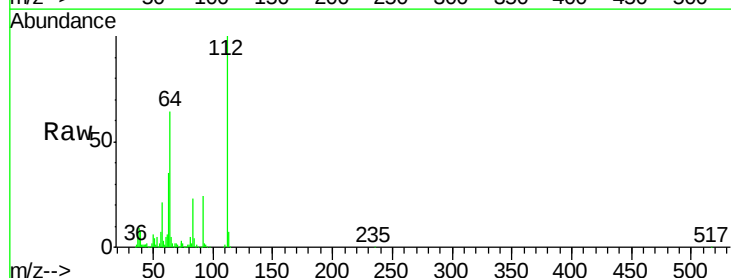
Tgt Ion: 112 Resp: 476351

Ion Ratio Lower Upper

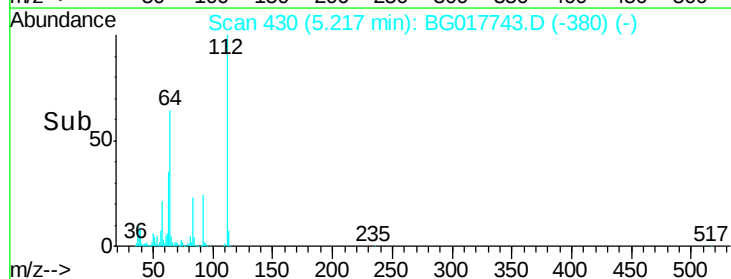
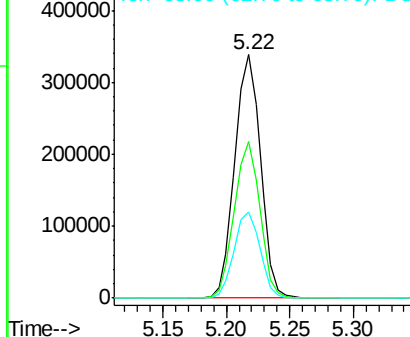
112 100

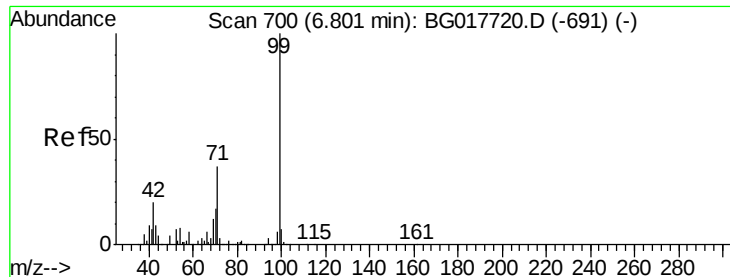
64 64.4 45.4 68.0

63 35.5 25.3 37.9



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 114.84 ng

RT: 6.79 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG017743.D

Acq: 22 Jun 2015 13:09

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2015-01

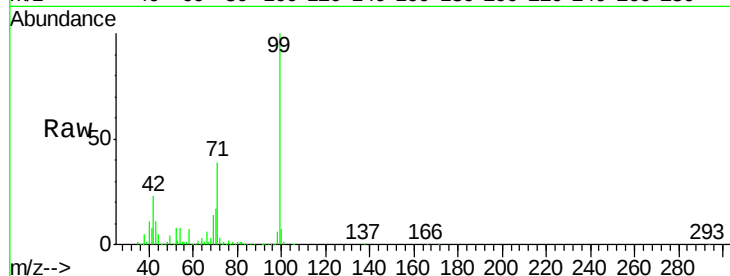
Tgt Ion: 99 Resp: 638131

Ion Ratio Lower Upper

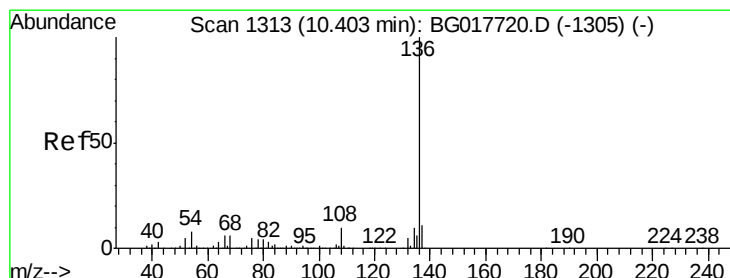
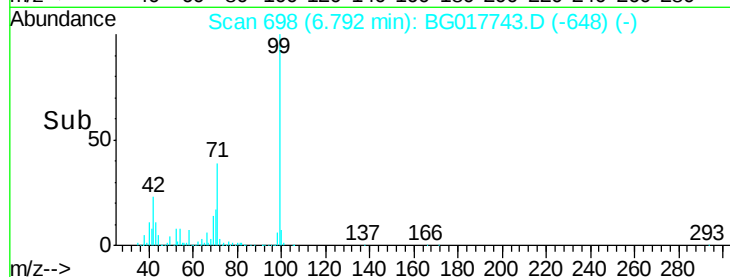
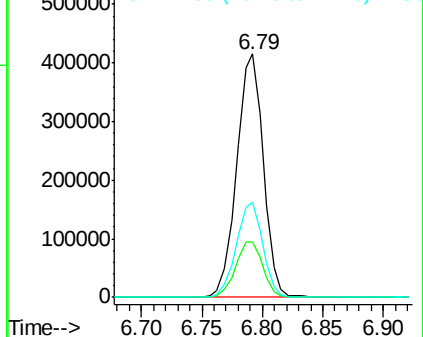
99 100

42 22.6 16.2 24.4

71 39.1 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# 1310

Delta R.T. -0.01 min

Lab File: BG017743.D

Acq: 22 Jun 2015 13:09

Tgt Ion: 136 Resp: 306586

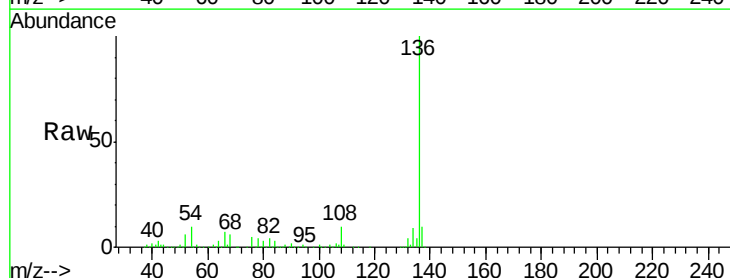
Ion Ratio Lower Upper

136 100

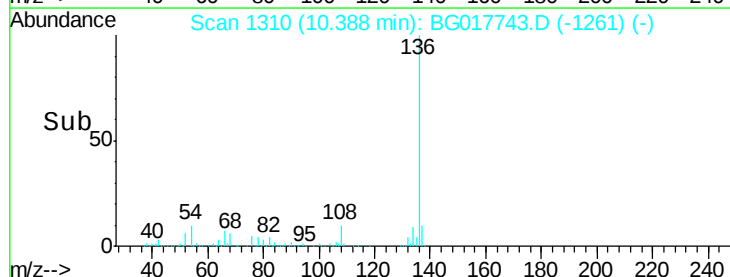
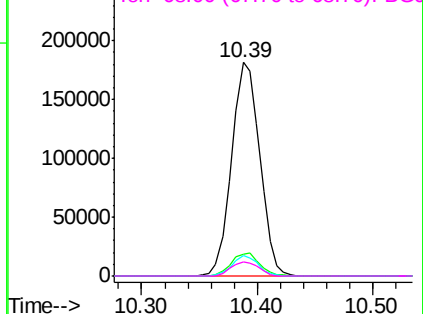
137 10.3 8.8 13.2

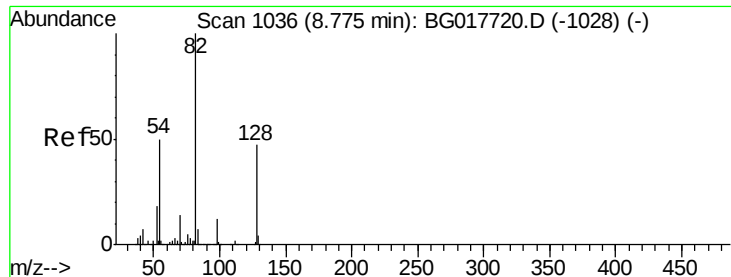
54 9.7 6.6 9.8

68 6.3 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

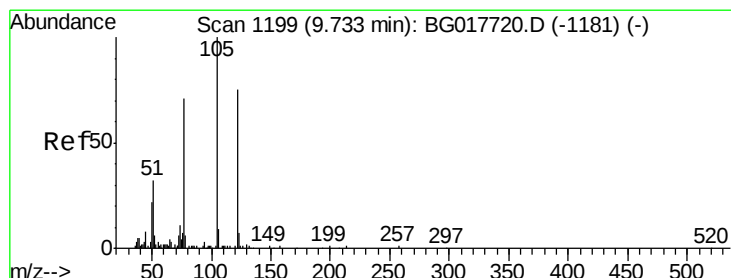
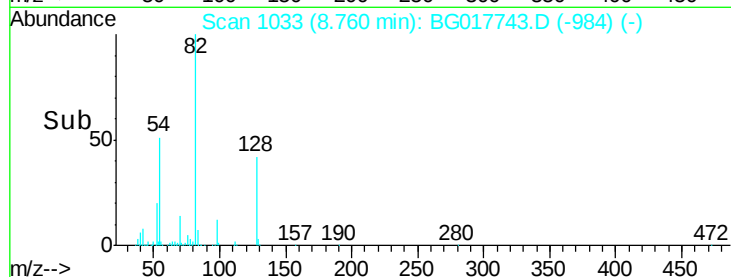
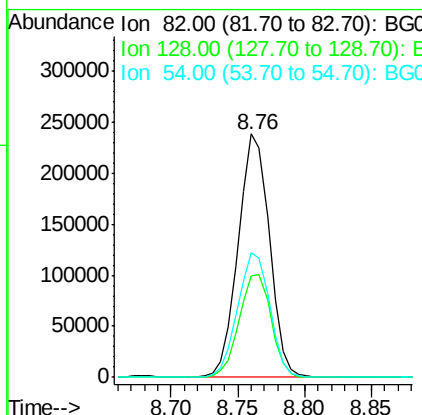
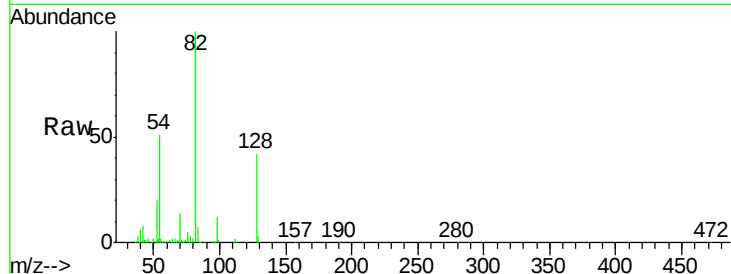




#23
 Nitrobenzene-d5
 Concen: 72.63 ng
 RT: 8.76 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BG017743.D
 Acq: 22 Jun 2015 13:09

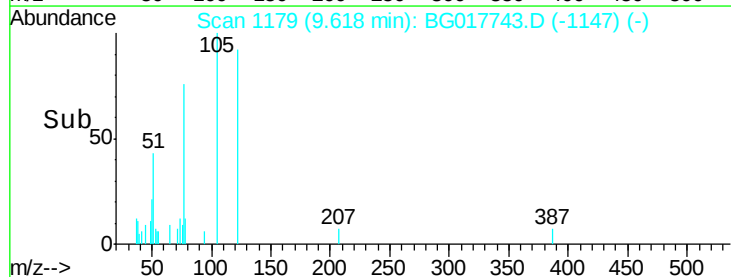
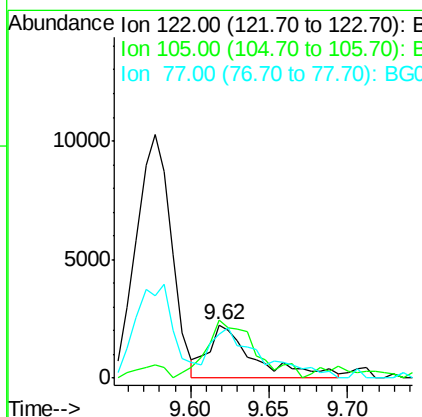
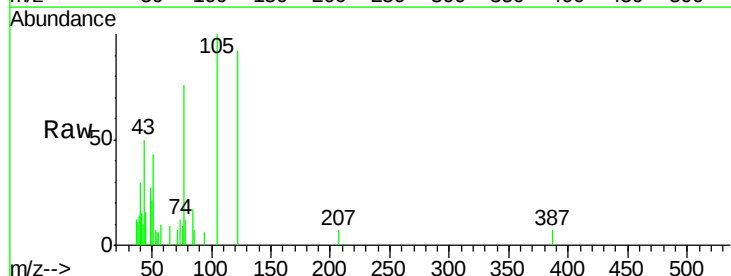
Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER2015-01

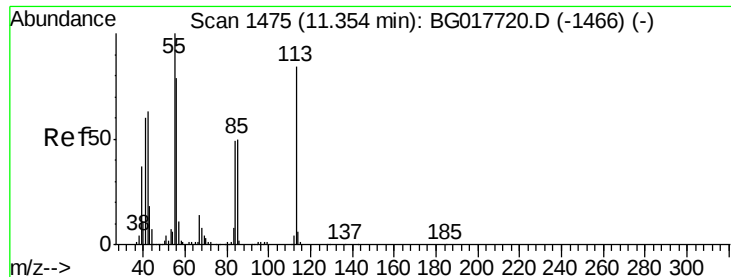
Tgt Ion: 82 Resp: 387117
 Ion Ratio Lower Upper
 82 100
 128 41.8 37.8 56.6
 54 51.1 39.9 59.9



#32
 Benzoic acid
 Concen: 9.19 ng m
 RT: 9.62 min Scan# 1179
 Delta R.T. -0.11 min
 Lab File: BG017743.D
 Acq: 22 Jun 2015 13:09

Tgt Ion: 122 Resp: 4604
 Ion Ratio Lower Upper
 122 100
 105 108.2 111.3 151.3#
 77 82.6 75.2 115.2





#35

Caprolactam

Concen: 2.61 ng

RT: 11.30 min Scan# 1465

Delta R.T. -0.06 min

Lab File: BG017743.D

Acq: 22 Jun 2015 13:09

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2015-01

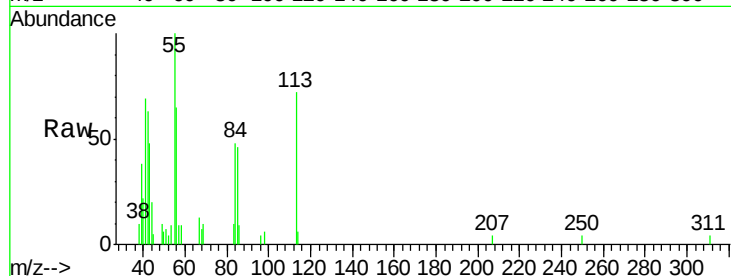
Tgt Ion:113 Resp: 6330

Ion Ratio Lower Upper

113 100

55 139.0 100.8 140.8

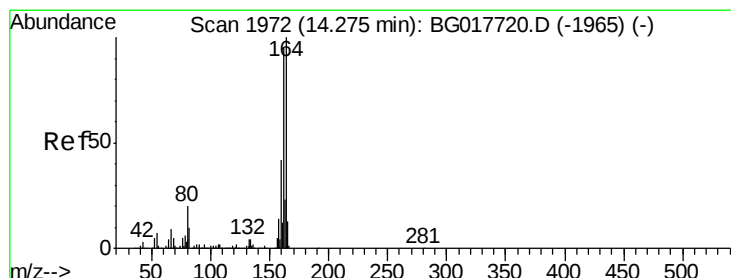
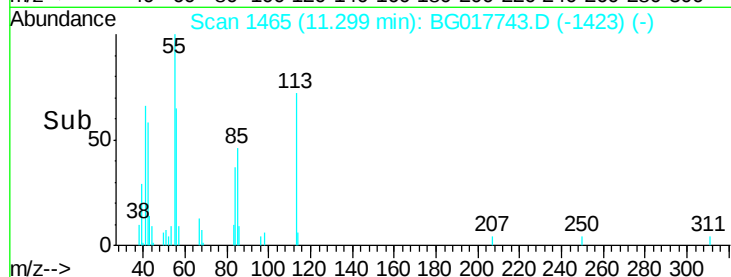
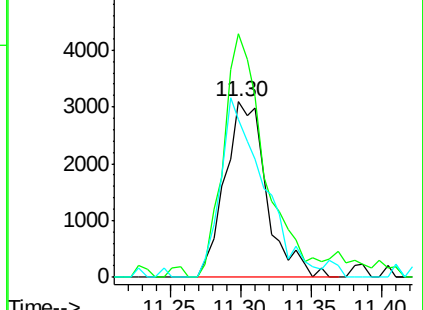
56 89.9 75.5 115.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.27 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BG017743.D

Acq: 22 Jun 2015 13:09

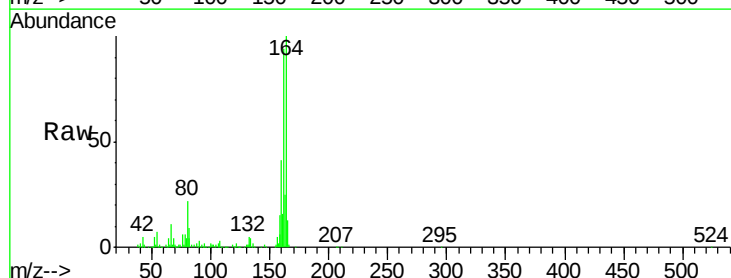
Tgt Ion:164 Resp: 186907

Ion Ratio Lower Upper

164 100

162 93.8 76.3 114.5

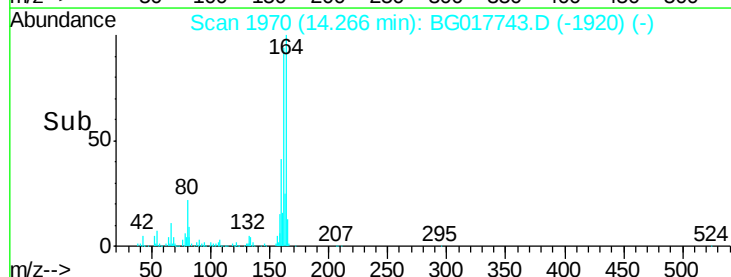
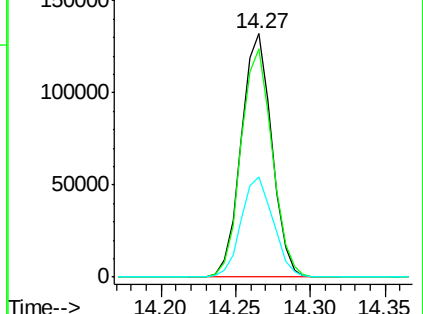
160 41.0 33.7 50.5

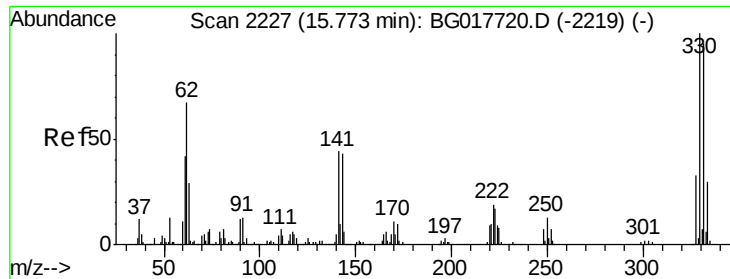


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

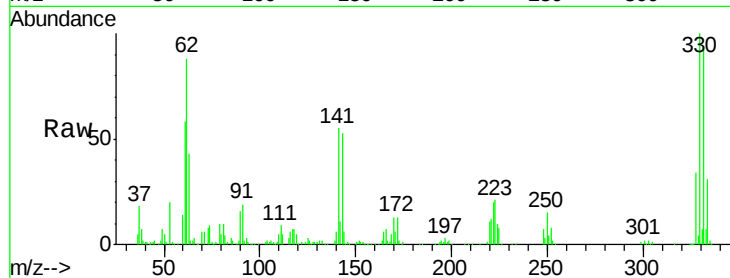




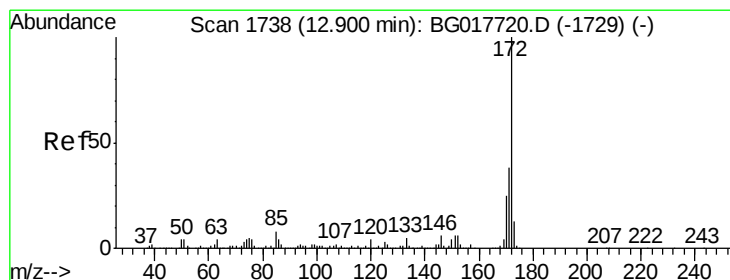
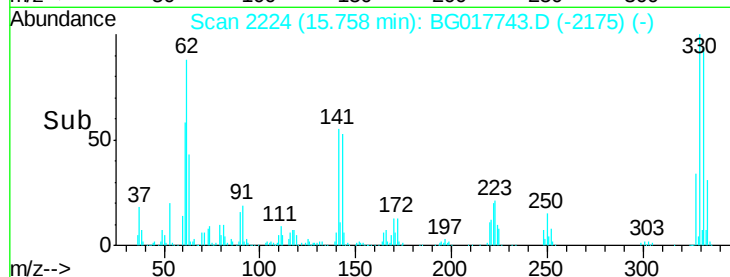
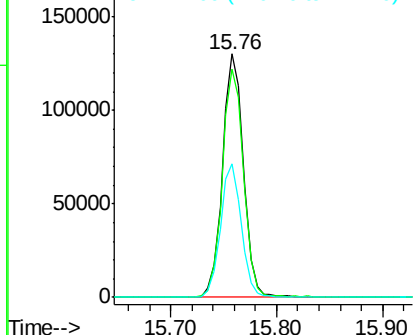
#41
 2,4,6-Tribromophenol
 Concen: 103.12 ng
 RT: 15.76 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BG017743.D
 Acq: 22 Jun 2015 13:09

Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER2015-01

Tgt Ion:330 Resp: 178713
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.8 115.2
 141 55.0 38.0 57.0

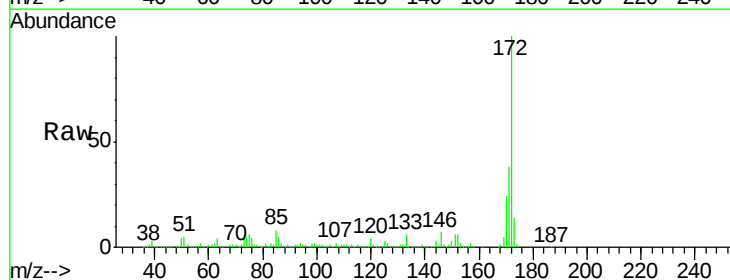


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

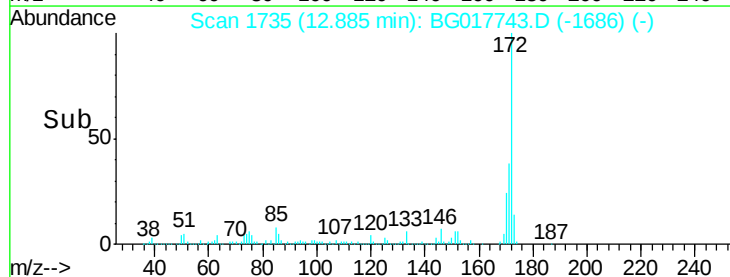
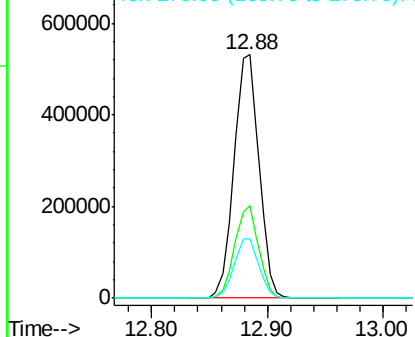


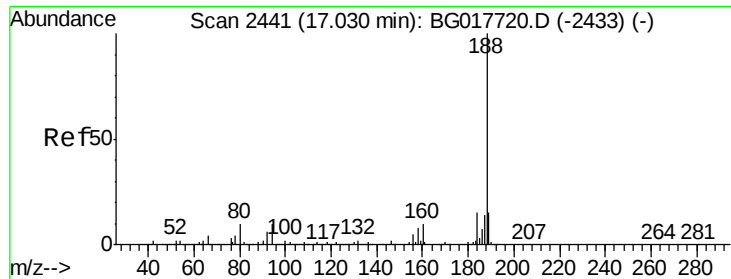
#44
 2-Fluorobiphenyl
 Concen: 68.91 ng
 RT: 12.88 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BG017743.D
 Acq: 22 Jun 2015 13:09

Tgt Ion:172 Resp: 793068
 Ion Ratio Lower Upper
 172 100
 171 38.1 30.7 46.1
 170 24.2 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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.02 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG017743.D

Acq: 22 Jun 2015 13:09

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2015-01

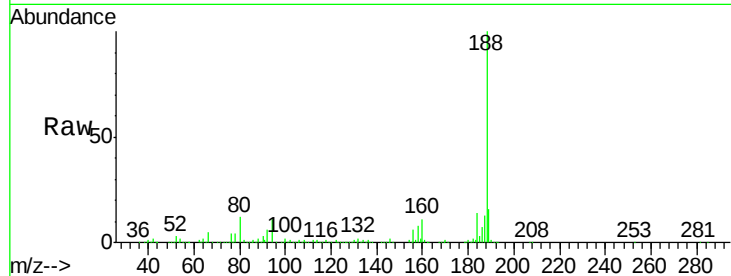
Tgt Ion:188 Resp: 418215

Ion Ratio Lower Upper

188 100

94 10.5 8.2 12.2

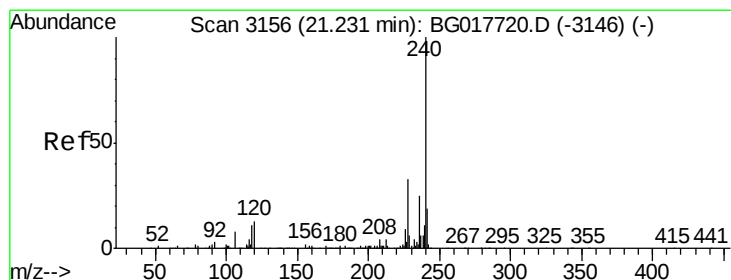
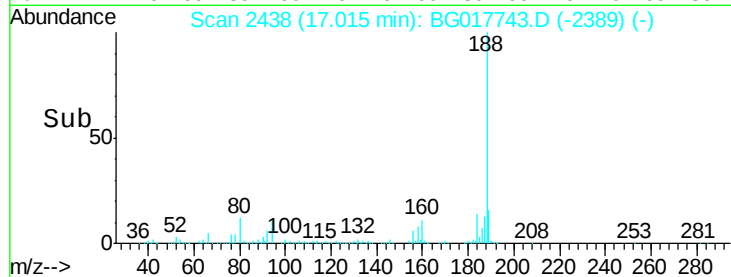
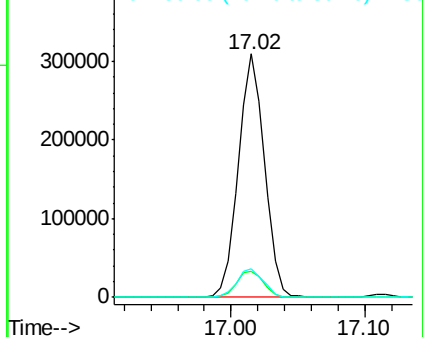
80 11.7 8.2 12.4



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.22 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BG017743.D

Acq: 22 Jun 2015 13:09

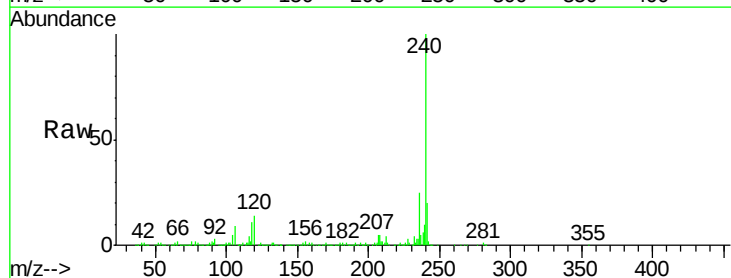
Tgt Ion:240 Resp: 460064

Ion Ratio Lower Upper

240 100

120 13.7 10.8 16.2

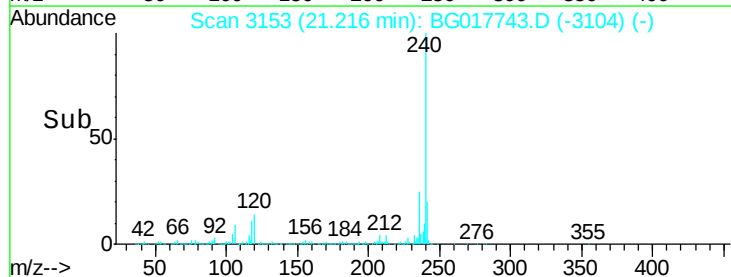
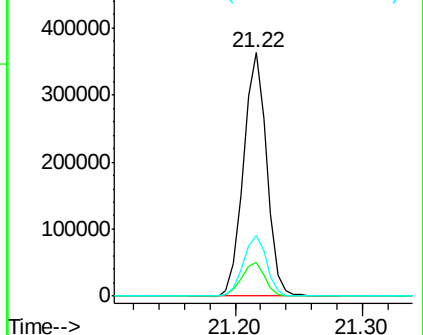
236 24.8 20.0 30.0

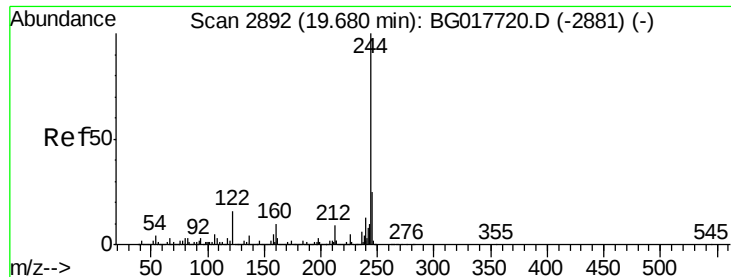


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 66.57 ng

RT: 19.67 min Scan# 2889

Delta R.T. -0.01 min

Lab File: BG017743.D

Acq: 22 Jun 2015 13:09

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2015-01

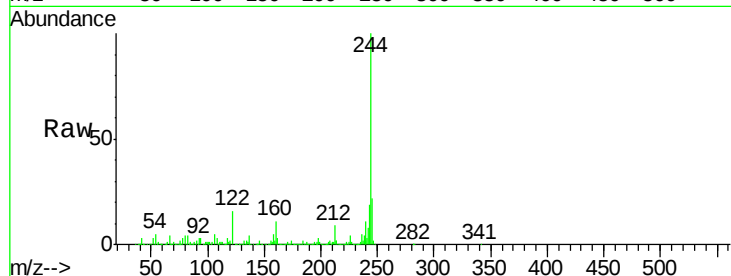
Tgt Ion:244 Resp: 1347869

Ion Ratio Lower Upper

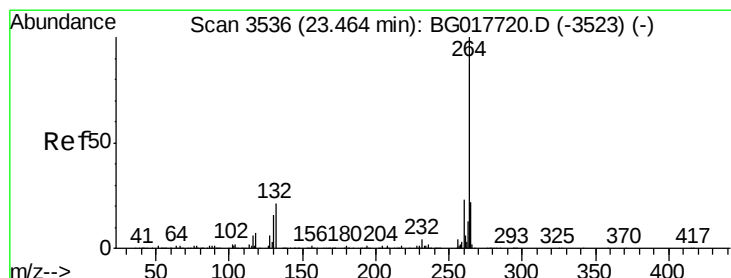
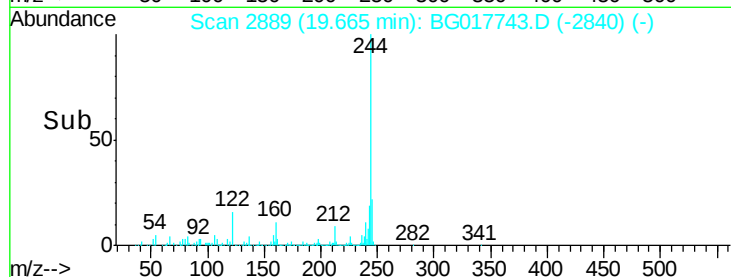
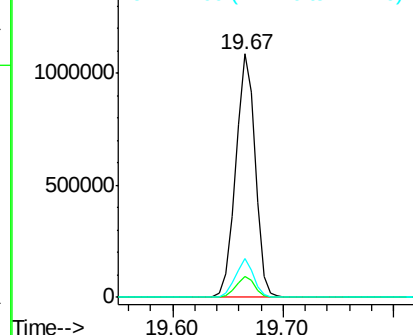
244 100

212 8.7 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: BG017743.D

Acq: 22 Jun 2015 13:09

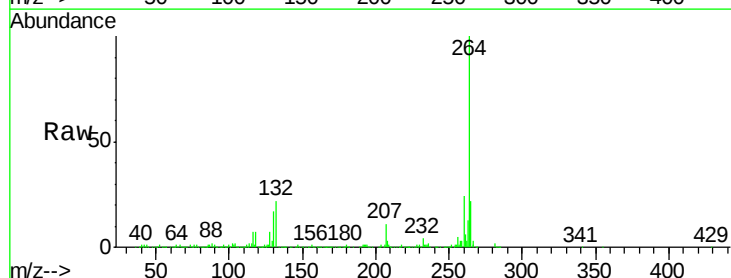
Tgt Ion:264 Resp: 427511

Ion Ratio Lower Upper

264 100

260 24.3 18.6 27.8

265 22.2 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

