

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041315\
 Data File : BG016388.D
 Acq On : 14 Apr 2015 8:55
 Operator : TP/IZ
 Sample : G1806-05
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-01

Quant Time: Apr 14 14:29:35 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 14:00:56 2015
 Response via : Initial Calibration

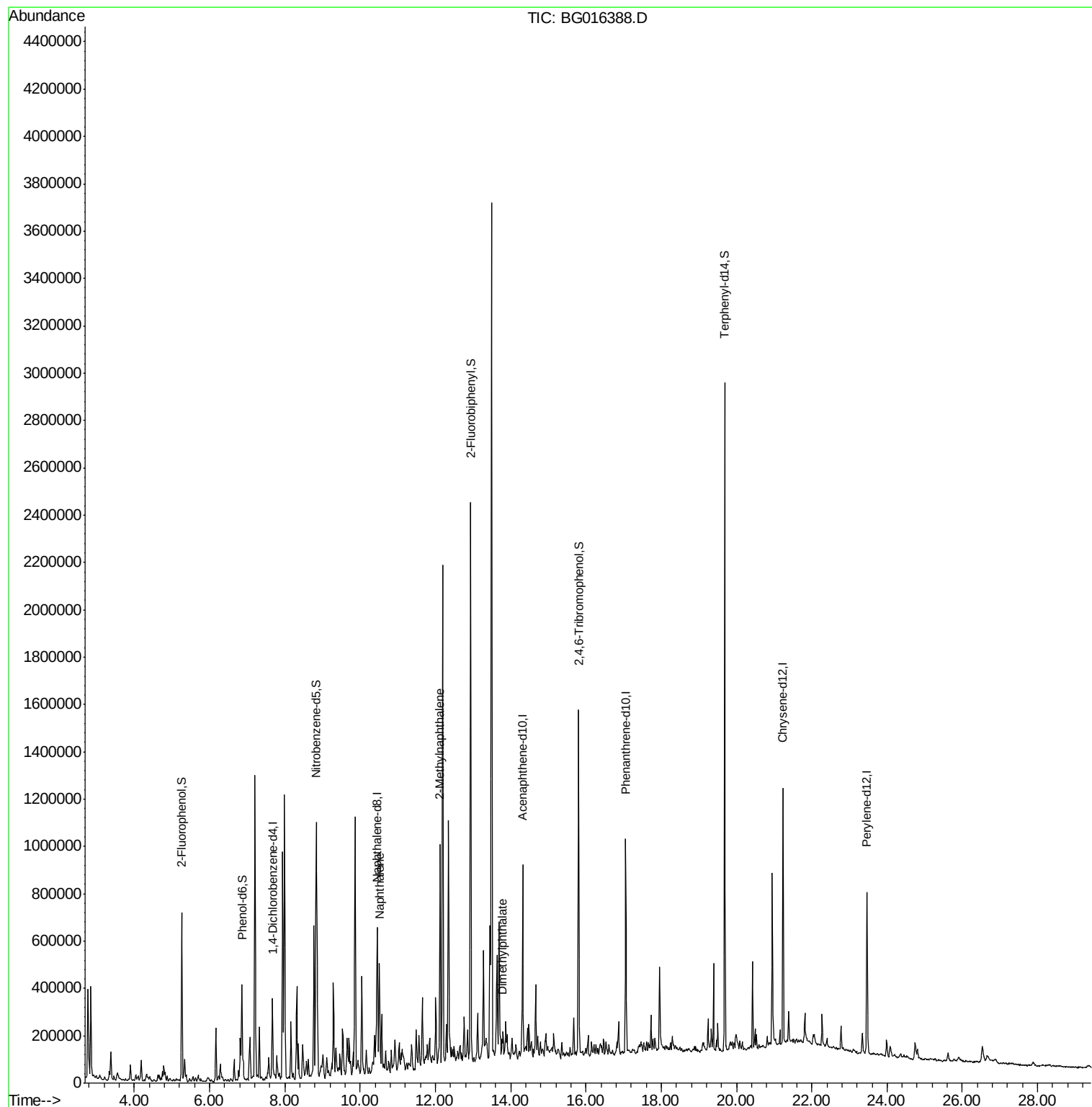
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	96593	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	438359	20.00	ng	0.00
38) Acenaphthene-d10	14.32	164	248681	20.00	ng	0.00
63) Phenanthrene-d10	17.06	188	489072	20.00	ng	0.00
75) Chrysene-d12	21.23	240	437768	20.00	ng	0.00
86) Perylene-d12	23.47	264	388737	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	333261	54.45	ng	0.00
7) Phenol-d6	6.86	99	275121	29.94	ng	0.00
23) Nitrobenzene-d5	8.84	82	573892	75.84	ng	0.00
41) 2,4,6-Tribromophenol	15.81	330	198126	117.81	ng	0.00
44) 2-Fluorobiphenyl	12.94	172	1158502	79.32	ng	0.00
78) Terphenyl-d14	19.69	244	1016937	54.37	ng	0.00
Target Compounds						
31) Naphthalene	10.51	128	228565	10.01	ng	Qvalue # 96
37) 2-Methylnaphthalene	12.13	142	466033	28.36	ng	99
49) Dimethylphthalate	13.78	163	41874	2.30	ng	99

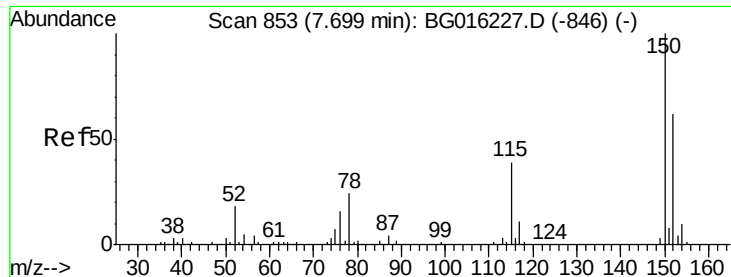
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.67 min Scan# 848

Delta R.T. -0.00 min

Lab File: BG016388.D

Acq: 14 Apr 2015 8:55

Instrument :

BNA_G

ClientSampled :

MW-01

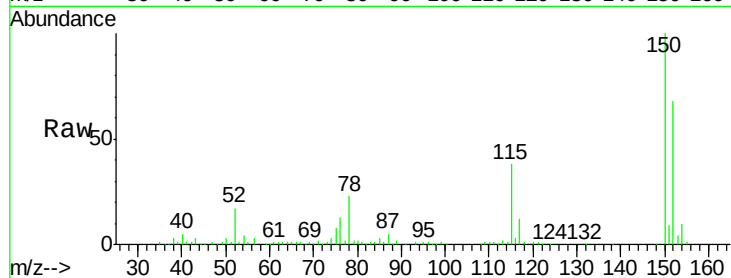
Tgt Ion:152 Resp: 96593

Ion Ratio Lower Upper

152 100

150 147.0 130.1 195.1

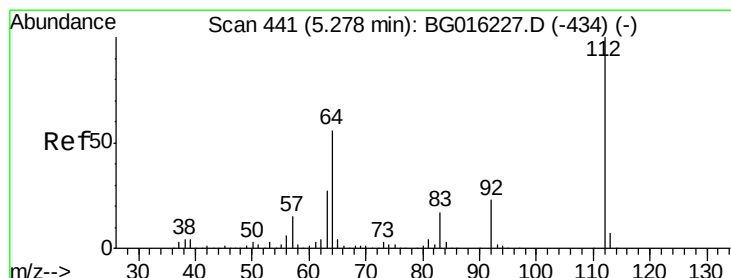
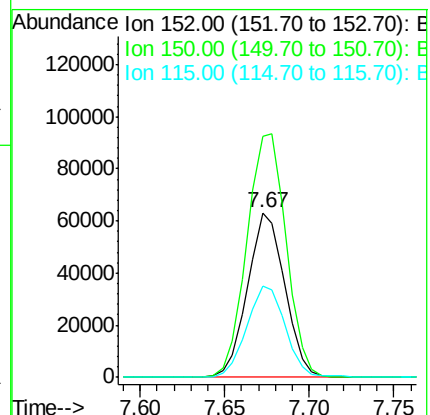
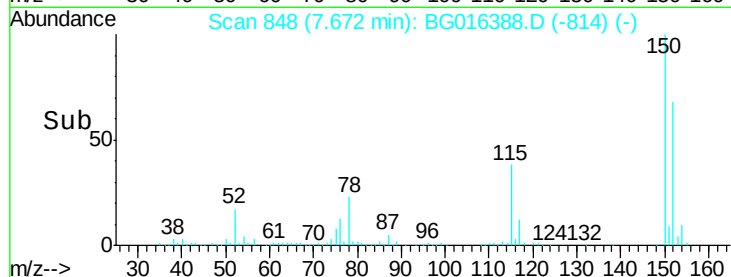
115 55.5 50.5 75.7



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: 54.45 ng

RT: 5.26 min Scan# 438

Delta R.T. -0.00 min

Lab File: BG016388.D

Acq: 14 Apr 2015 8:55

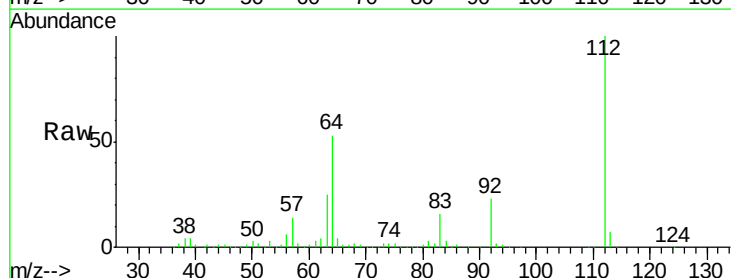
Tgt Ion:112 Resp: 333261

Ion Ratio Lower Upper

112 100

64 52.7 44.5 66.7

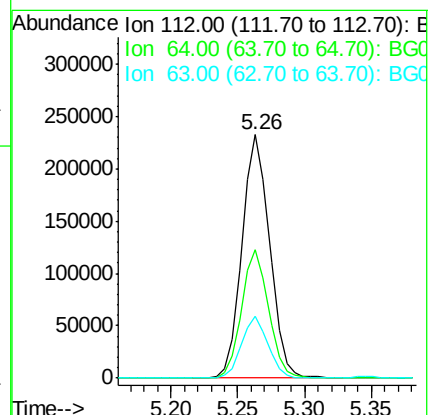
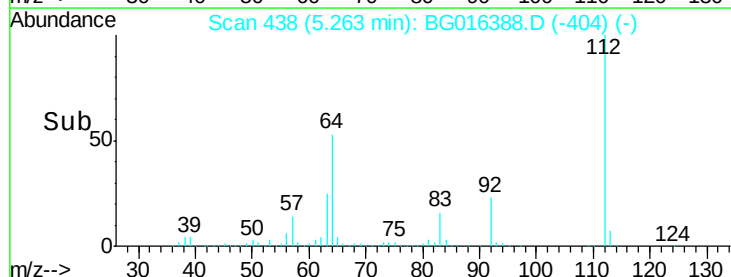
63 25.3 21.4 32.0

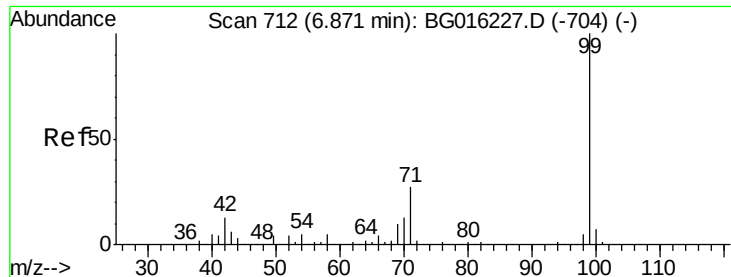


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 29.94 ng

RT: 6.86 min Scan# 710

Delta R.T. -0.00 min

Lab File: BG016388.D

Acq: 14 Apr 2015 8:55

Instrument :

BNA_G

ClientSampleId :

MW-01

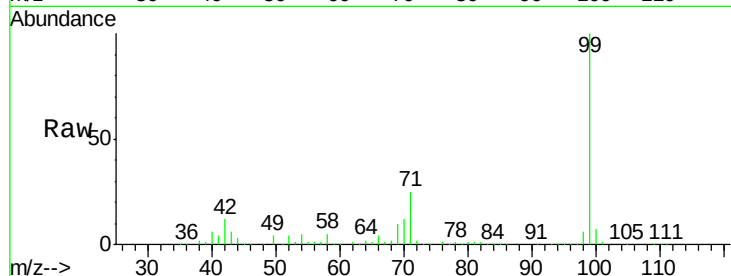
Tgt Ion: 99 Resp: 275121

Ion Ratio Lower Upper

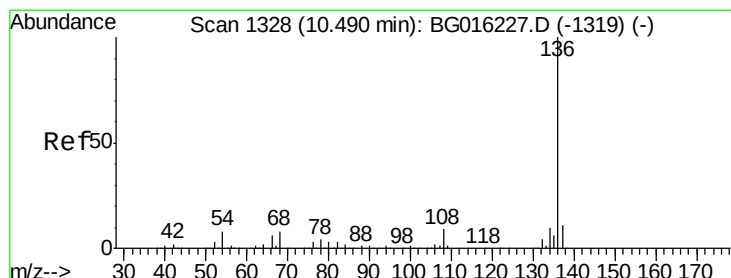
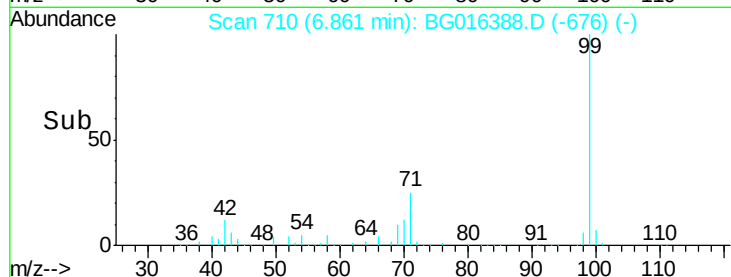
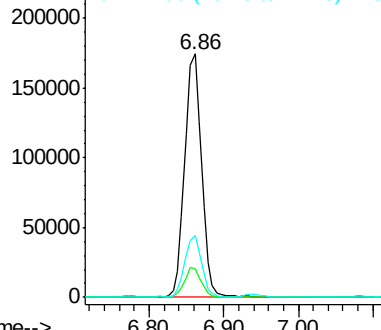
99 100

42 11.8 10.0 15.0

71 25.3 21.5 32.3



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: 10.46 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BG016388.D

Acq: 14 Apr 2015 8:55

Tgt Ion: 136 Resp: 438359

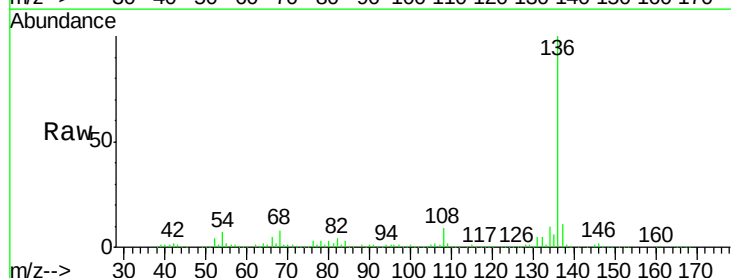
Ion Ratio Lower Upper

136 100

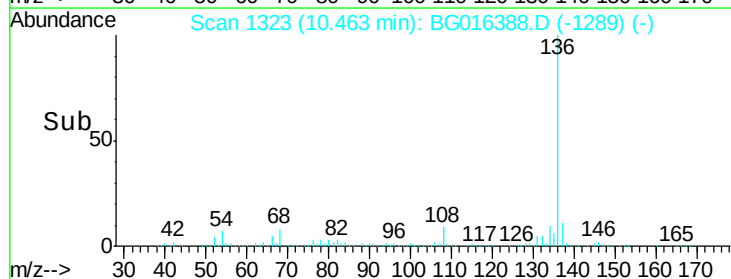
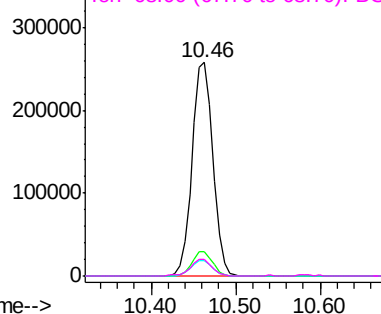
137 11.2 8.7 13.1

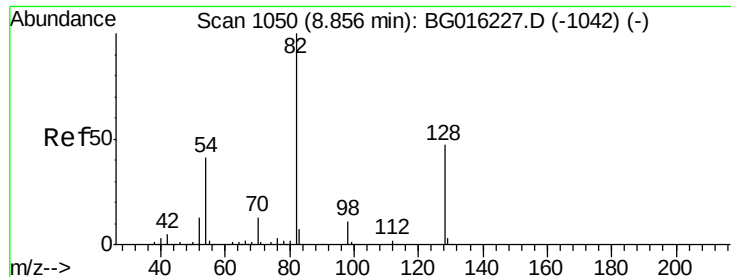
54 7.4 6.3 9.5

68 7.9 6.5 9.7



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

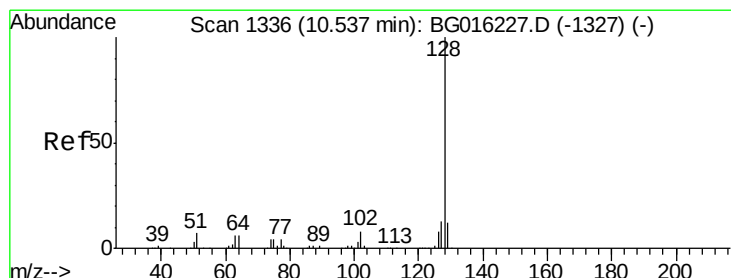
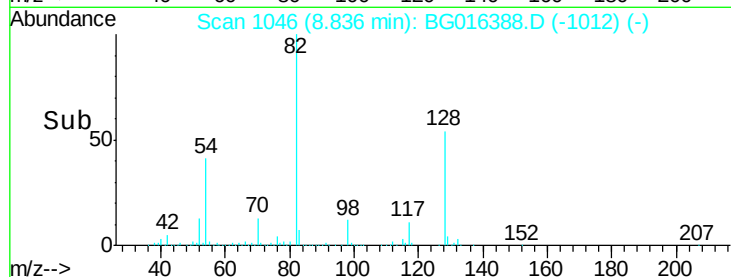
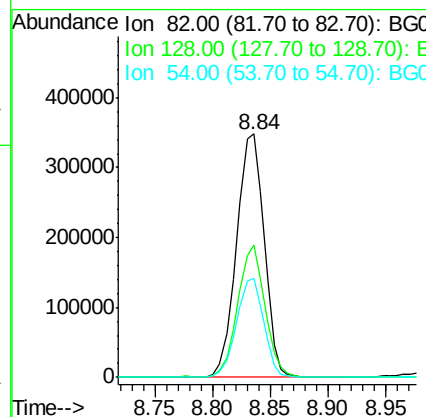
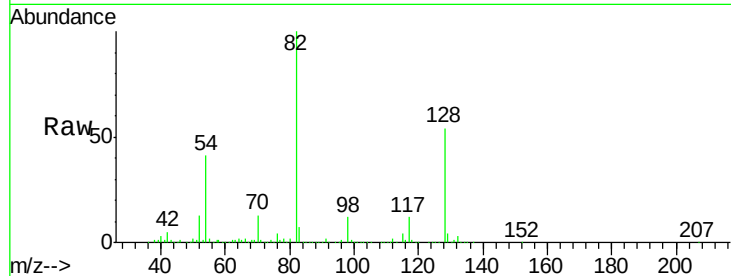




#23
 Nitrobenzene-d5
 Concen: 75.84 ng
 RT: 8.84 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BG016388.D
 Acq: 14 Apr 2015 8:55

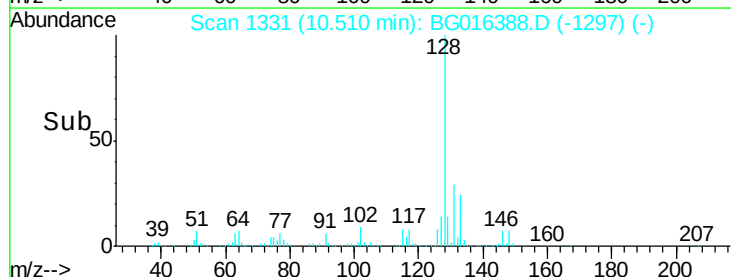
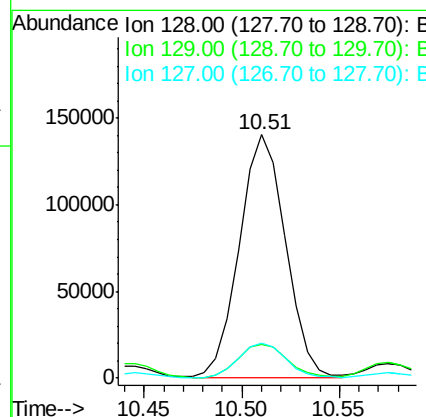
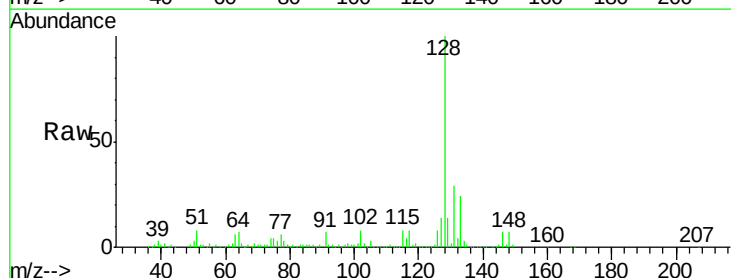
Instrument :
 BNA_G
 ClientSampleId :
 MW-01

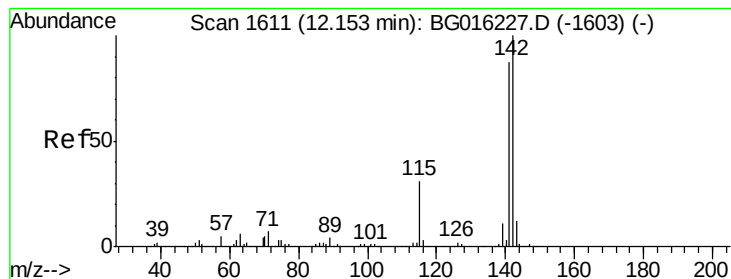
Tgt Ion: 82 Resp: 573892
 Ion Ratio Lower Upper
 82 100
 128 54.2 37.8 56.8
 54 40.8 32.6 49.0



#31
 Naphthalene
 Concen: 10.01 ng
 RT: 10.51 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: BG016388.D
 Acq: 14 Apr 2015 8:55

Tgt Ion: 128 Resp: 228565
 Ion Ratio Lower Upper
 128 100
 129 13.9 9.2 13.8#
 127 14.2 10.6 16.0

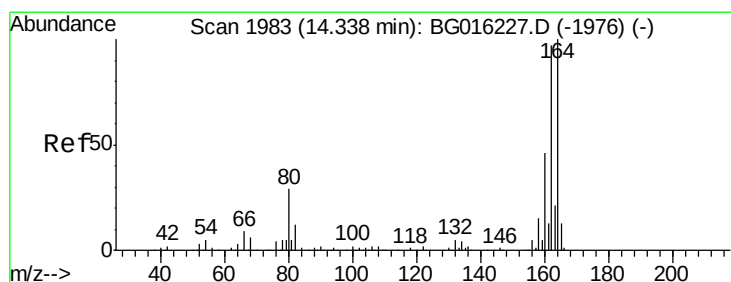
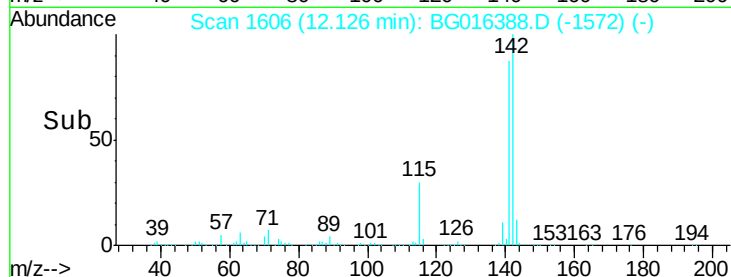
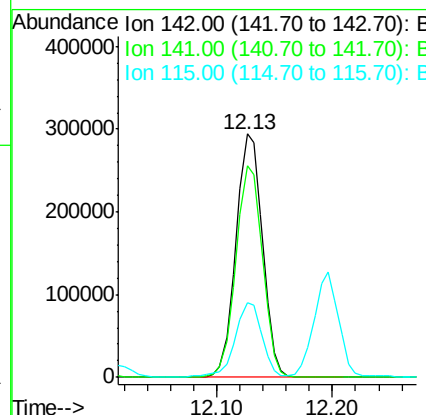
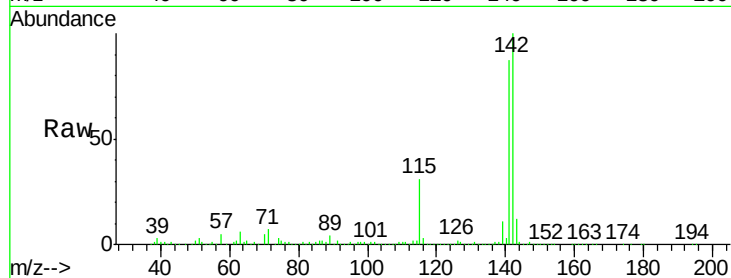




#37
 2-Methylnaphthalene
 Concen: 28.36 ng
 RT: 12.13 min Scan# 1606
 Delta R.T. -0.00 min
 Lab File: BG016388.D
 Acq: 14 Apr 2015 8:55

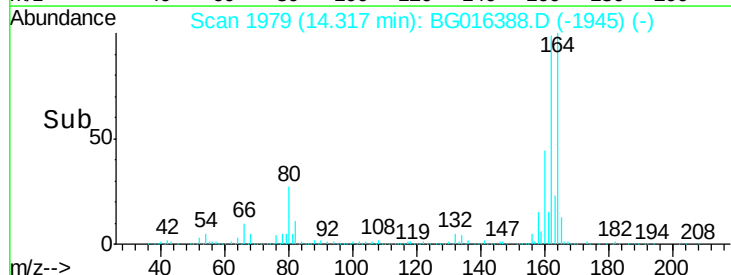
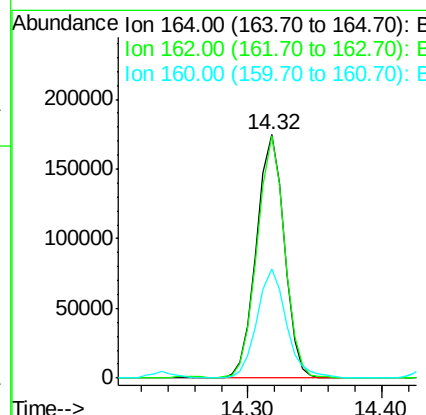
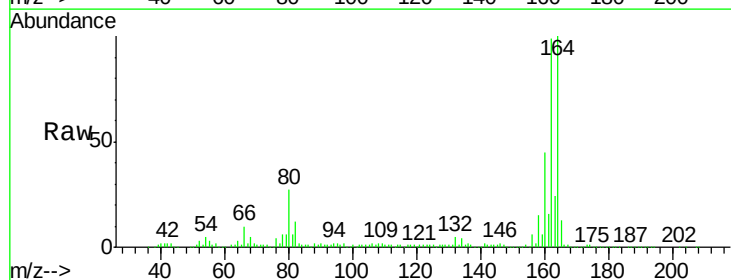
Instrument :
 BNA_G
 ClientSampleId :
 MW-01

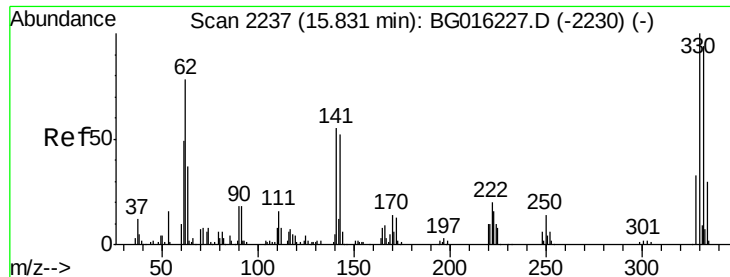
Tgt Ion:142 Resp: 466033
 Ion Ratio Lower Upper
 142 100
 141 87.2 69.3 103.9
 115 30.8 25.0 37.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.32 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: BG016388.D
 Acq: 14 Apr 2015 8:55

Tgt Ion:164 Resp: 248681
 Ion Ratio Lower Upper
 164 100
 162 99.5 77.3 115.9
 160 44.8 36.7 55.1

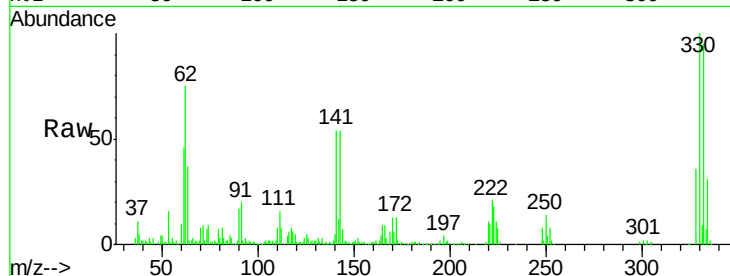




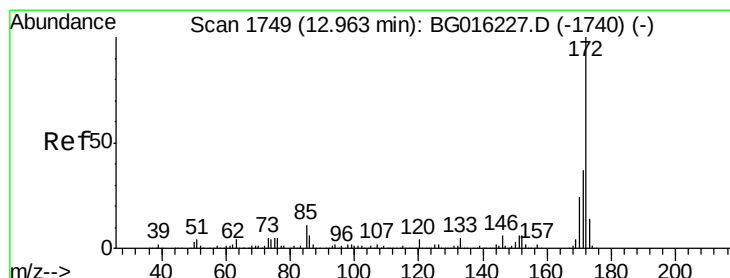
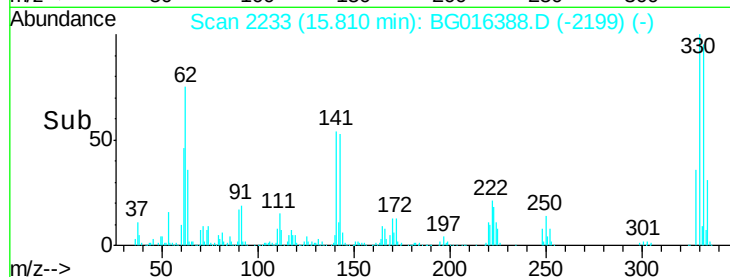
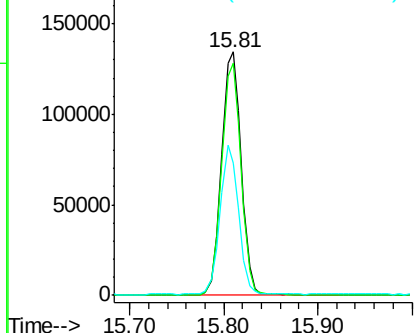
#41
 2,4,6-Tribromophenol
 Concen: 117.81 ng
 RT: 15.81 min Scan# 2233
 Delta R.T. -0.00 min
 Lab File: BG016388.D
 Acq: 14 Apr 2015 8:55

Instrument :
 BNA_G
 ClientSampleId :
 MW-01

Tgt Ion:330 Resp: 198126
 Ion Ratio Lower Upper
 330 100
 332 94.9 75.8 113.6
 141 57.5 46.6 69.8

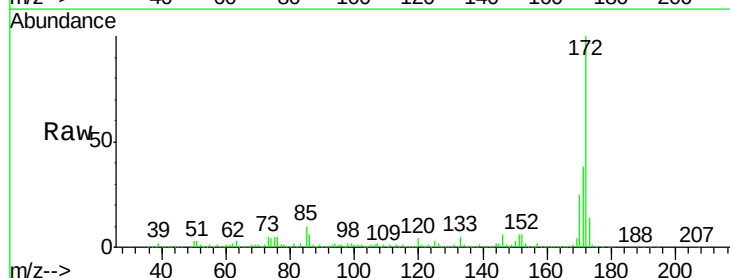


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

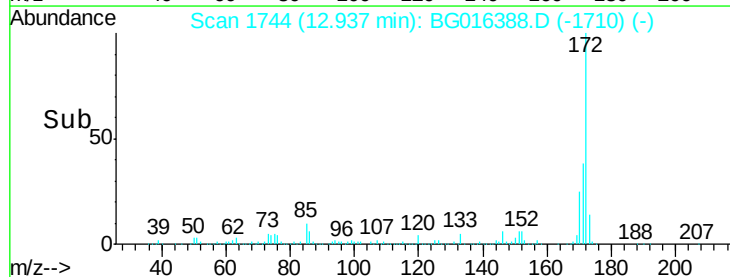
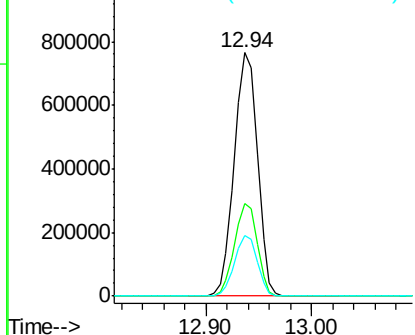


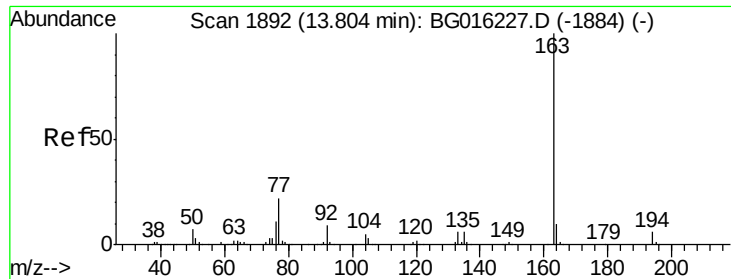
#44
 2-Fluorobiphenyl
 Concen: 79.32 ng
 RT: 12.94 min Scan# 1744
 Delta R.T. -0.00 min
 Lab File: BG016388.D
 Acq: 14 Apr 2015 8:55

Tgt Ion:172 Resp: 1158502
 Ion Ratio Lower Upper
 172 100
 171 37.8 29.6 44.4
 170 24.9 19.4 29.2



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





#49

Dimethylphthalate

Concen: 2.30 ng

RT: 13.78 min Scan# 1887

Delta R.T. -0.01 min

Lab File: BG016388.D

Acq: 14 Apr 2015 8:55

Instrument :

BNA_G

ClientSampleId :

MW-01

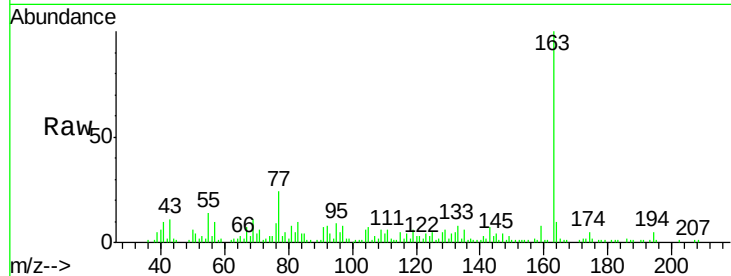
Tgt Ion:163 Resp: 41874

Ion Ratio Lower Upper

163 100

194 5.3 5.0 7.4

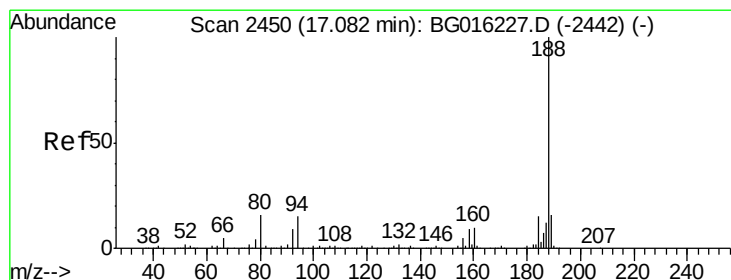
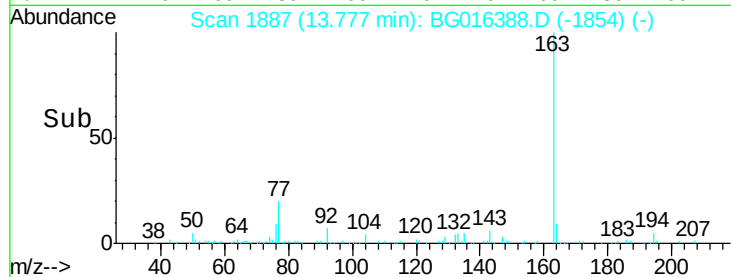
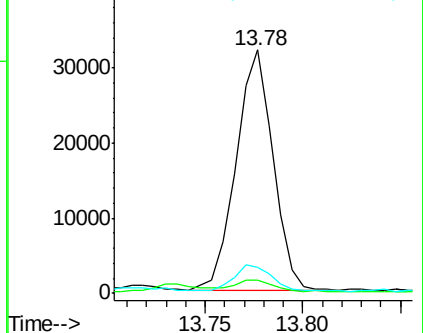
164 10.5 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.06 min Scan# 2445

Delta R.T. -0.01 min

Lab File: BG016388.D

Acq: 14 Apr 2015 8:55

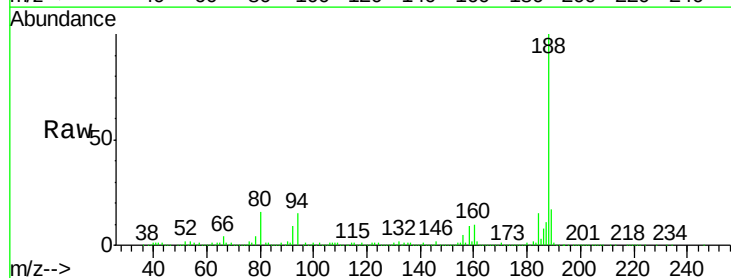
Tgt Ion:188 Resp: 489072

Ion Ratio Lower Upper

188 100

94 14.8 12.2 18.4

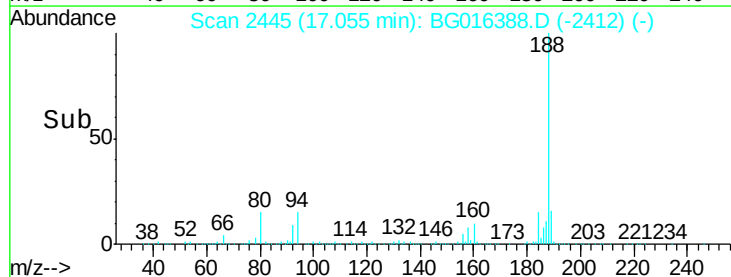
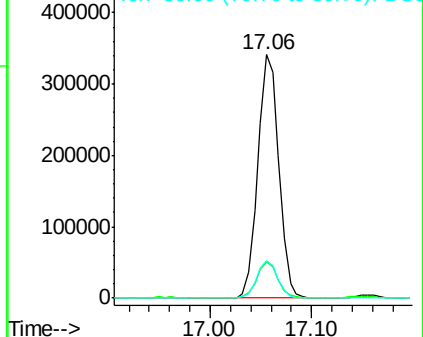
80 15.7 12.8 19.2

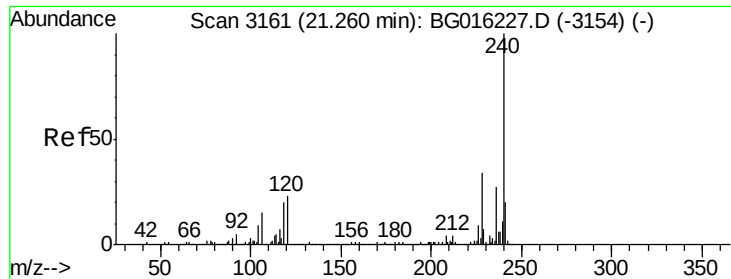


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.23 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG016388.D

Acq: 14 Apr 2015 8:55

Instrument :

BNA_G

ClientSampleId :

MW-01

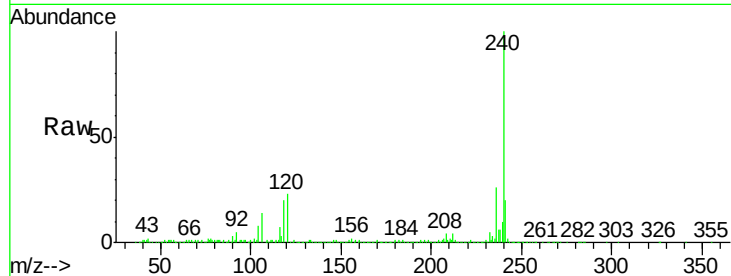
Tgt Ion:240 Resp: 437768

Ion Ratio Lower Upper

240 100

120 22.7 18.6 28.0

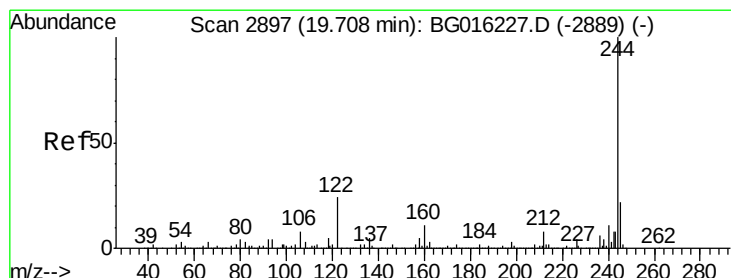
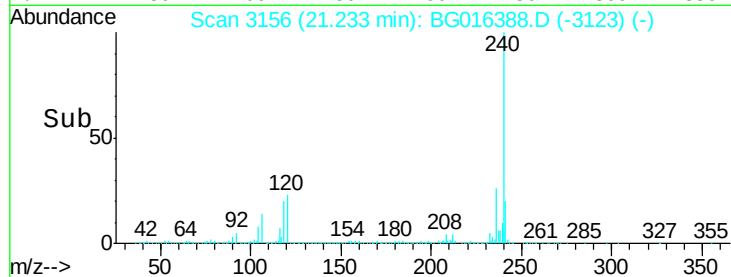
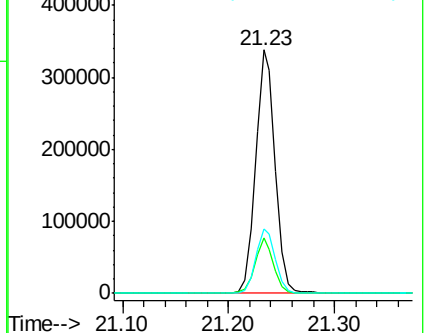
236 26.4 21.7 32.5



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: 54.37 ng

RT: 19.69 min Scan# 2893

Delta R.T. -0.00 min

Lab File: BG016388.D

Acq: 14 Apr 2015 8:55

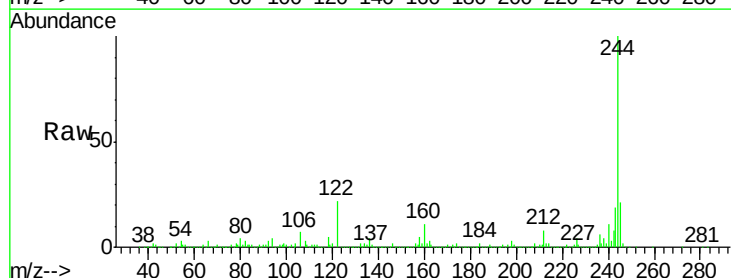
Tgt Ion:244 Resp: 1016937

Ion Ratio Lower Upper

244 100

212 8.1 6.6 9.8

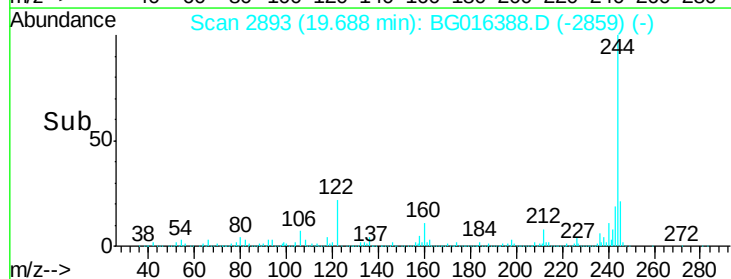
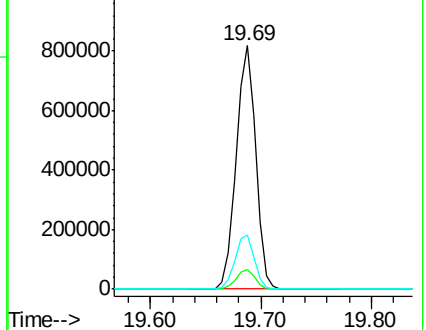
122 22.1 19.1 28.7

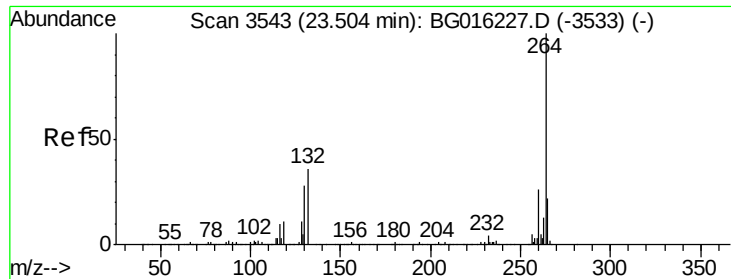


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.47 min Scan# 3536
Delta R.T. -0.00 min
Lab File: BG016388.D
Acq: 14 Apr 2015 8:55

Instrument :
BNA_G
ClientSampleId :
MW-01

Tgt Ion: 264 Resp: 388737
Ion Ratio Lower Upper
264 100
260 24.7 20.4 30.6
265 22.5 17.2 25.8

