

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041415\
 Data File : BG016407.D
 Acq On : 14 Apr 2015 21:22
 Operator : TP/IZ
 Sample : G1848-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TE-PMW-PCB2

Quant Time: Apr 15 03:39:44 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

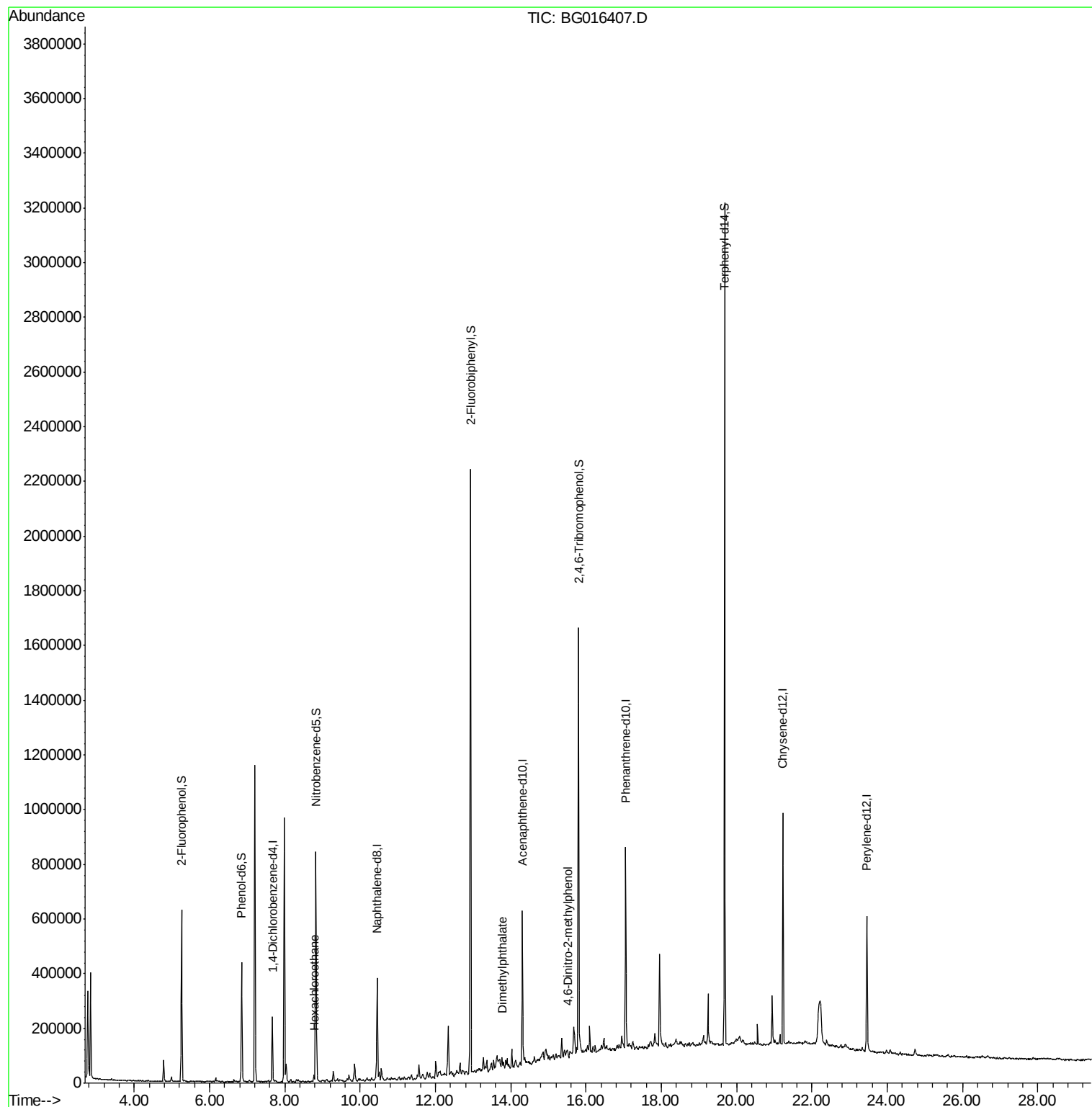
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	65650	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	306155	20.00	ng	0.00
38) Acenaphthene-d10	14.31	164	180297	20.00	ng	0.00
63) Phenanthrene-d10	17.05	188	368831	20.00	ng	0.00
75) Chrysene-d12	21.23	240	316536	20.00	ng	0.00
86) Perylene-d12	23.46	264	293094	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	295524	71.04	ng	0.00
7) Phenol-d6	6.85	99	277224	44.39	ng	0.00
23) Nitrobenzene-d5	8.83	82	491128	92.93	ng	0.00
41) 2,4,6-Tribromophenol	15.80	330	202263	165.88	ng	0.00
44) 2-Fluorobiphenyl	12.93	172	1065393	100.61	ng	0.00
78) Terphenyl-d14	19.68	244	1151896	85.17	ng	0.00
Target Compounds						
18) Hexachloroethane	8.77	117	5570	2.78	ng	# 38
49) Dimethylphthalate	13.77	163	28265	2.14	ng	# 93
64) 4,6-Dinitro-2-methylphenol	15.51	198	1027	4.25	ng	# 1

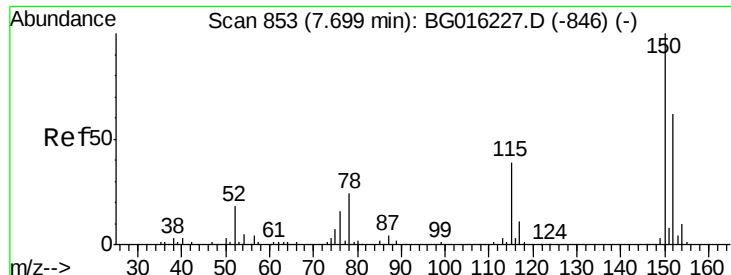
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG016407.D

Acq: 14 Apr 2015 21:22

Instrument :

BNA_G

ClientSampleId :

TE-PMW-PCB2

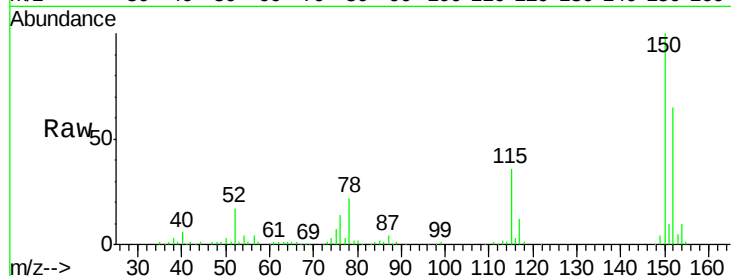
Tgt Ion:152 Resp: 65650

Ion Ratio Lower Upper

152 100

150 153.9 130.1 195.1

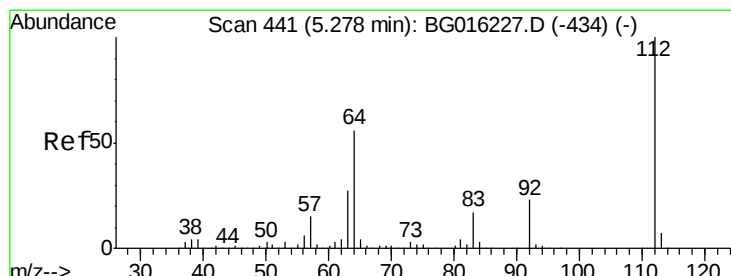
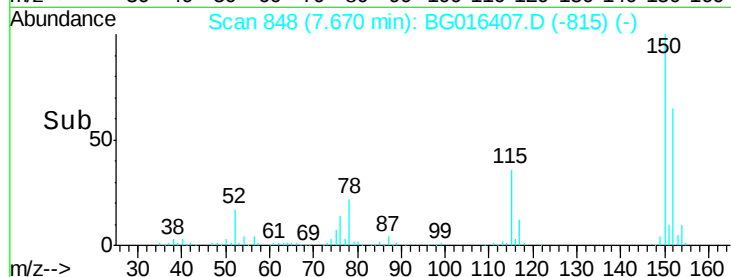
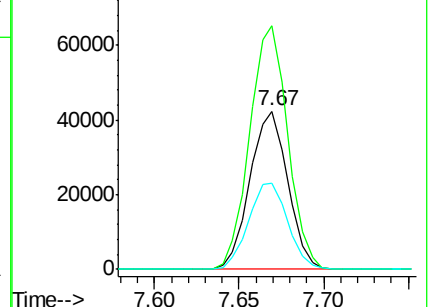
115 54.7 50.5 75.7



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: 71.04 ng

RT: 5.25 min Scan# 437

Delta R.T. -0.01 min

Lab File: BG016407.D

Acq: 14 Apr 2015 21:22

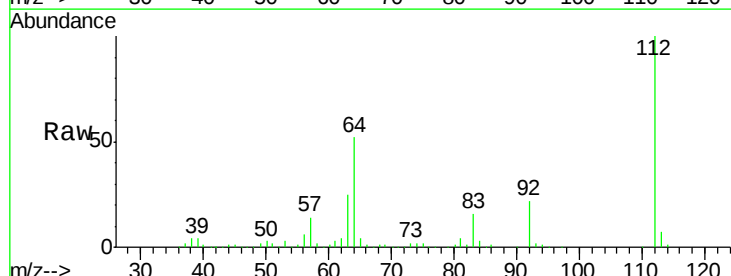
Tgt Ion:112 Resp: 295524

Ion Ratio Lower Upper

112 100

64 52.2 44.5 66.7

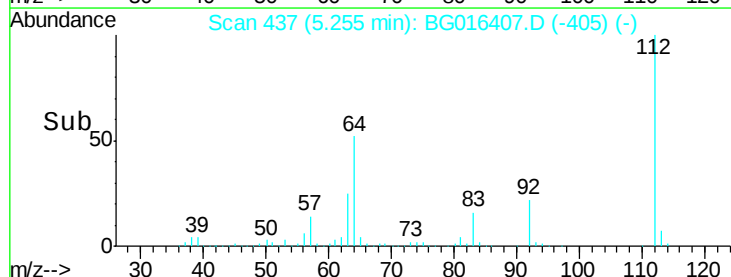
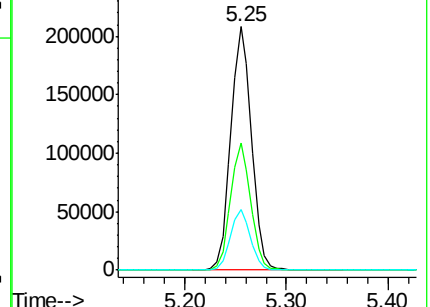
63 24.9 21.4 32.0

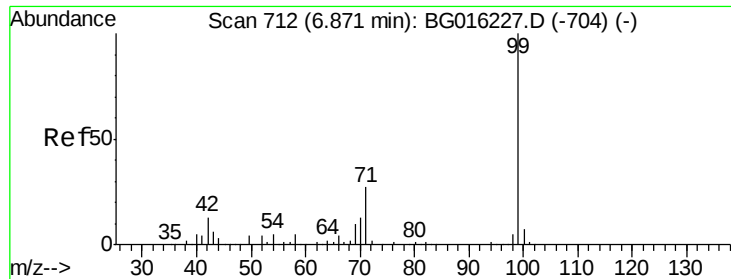


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 44.39 ng

RT: 6.85 min Scan# 709

Delta R.T. -0.01 min

Lab File: BG016407.D

Acq: 14 Apr 2015 21:22

Instrument :

BNA_G

ClientSampleId :

TE-PMW-PCB2

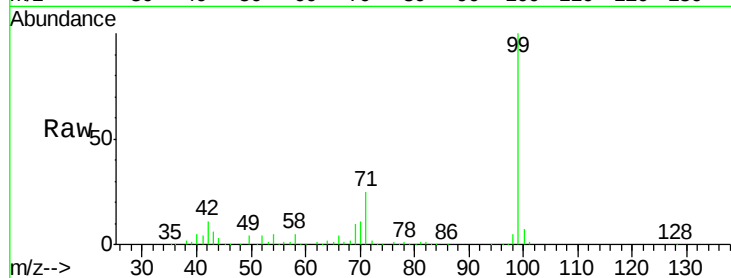
Tgt Ion: 99 Resp: 277224

Ion Ratio Lower Upper

99 100

42 11.0 10.0 15.0

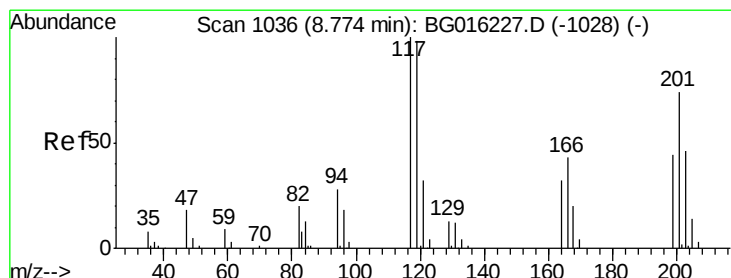
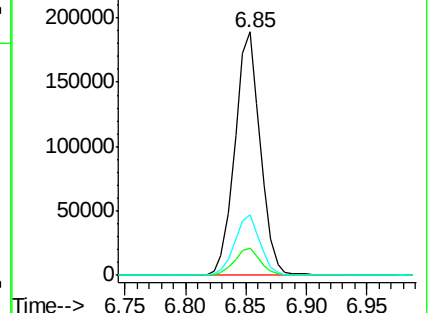
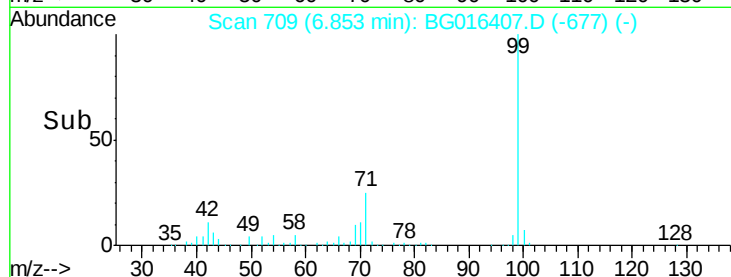
71 24.8 21.5 32.3



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



#18

Hexachloroethane

Concen: 2.78 ng

RT: 8.77 min Scan# 1035

Delta R.T. 0.02 min

Lab File: BG016407.D

Acq: 14 Apr 2015 21:22

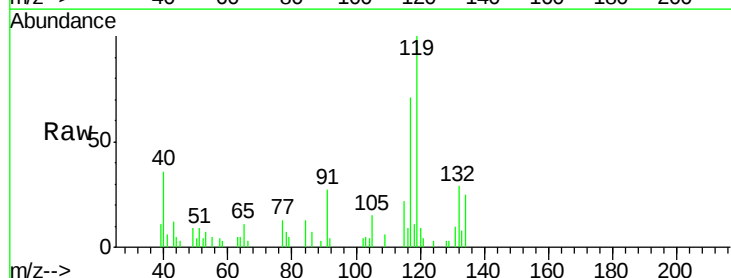
Tgt Ion: 117 Resp: 5570

Ion Ratio Lower Upper

117 100

119 140.8 78.8 118.2#

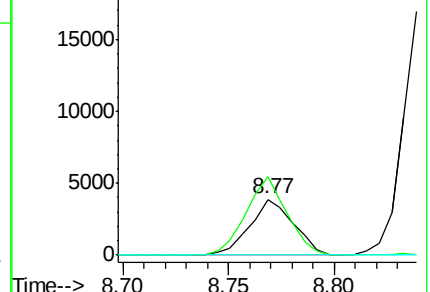
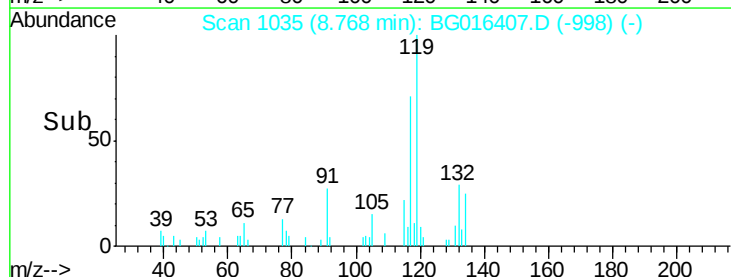
201 0.0 59.0 88.4#

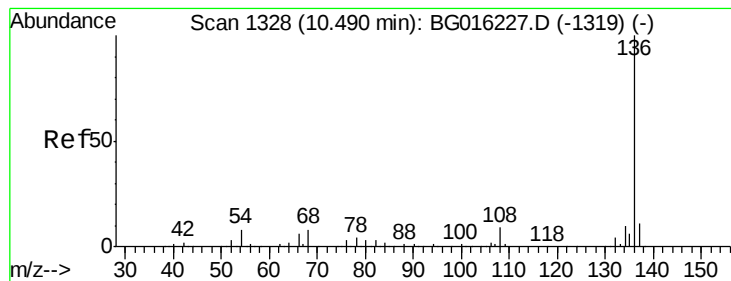


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.45 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BG016407.D

Acq: 14 Apr 2015 21:22

Instrument :

BNA_G

ClientSampleId :

TE-PMW-PCB2

Tgt Ion:136 Resp: 306155

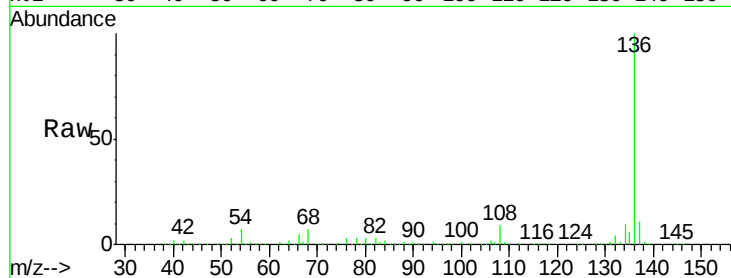
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 7.0 6.3 9.5

68 7.3 6.5 9.7

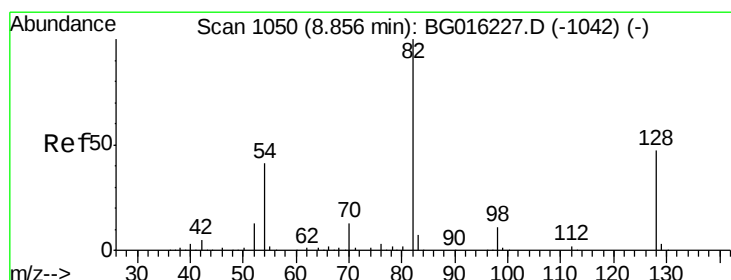
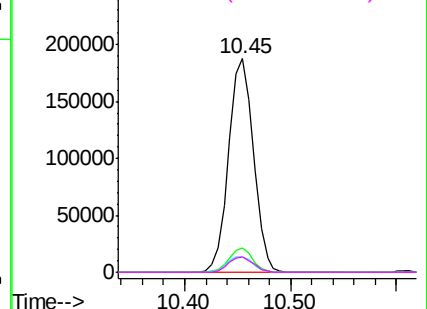
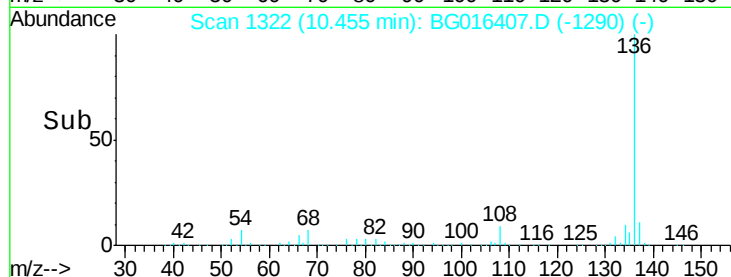


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 92.93 ng

RT: 8.83 min Scan# 1045

Delta R.T. -0.01 min

Lab File: BG016407.D

Acq: 14 Apr 2015 21:22

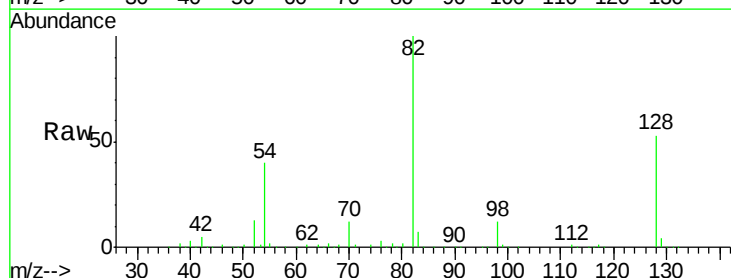
Tgt Ion: 82 Resp: 491128

Ion Ratio Lower Upper

82 100

128 52.6 37.8 56.8

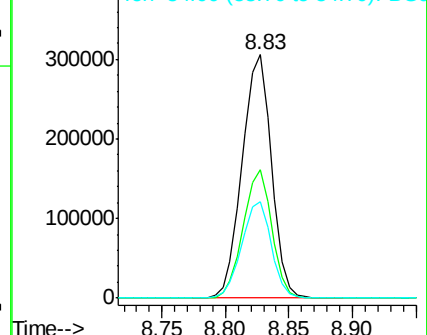
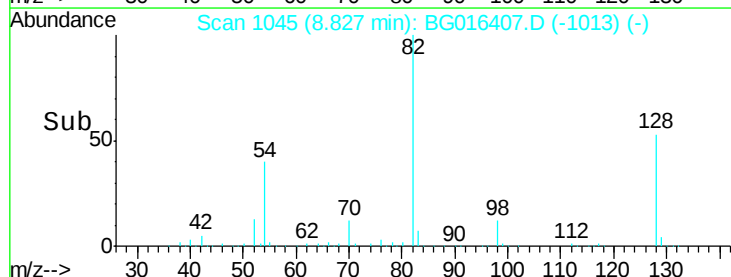
54 39.7 32.6 49.0

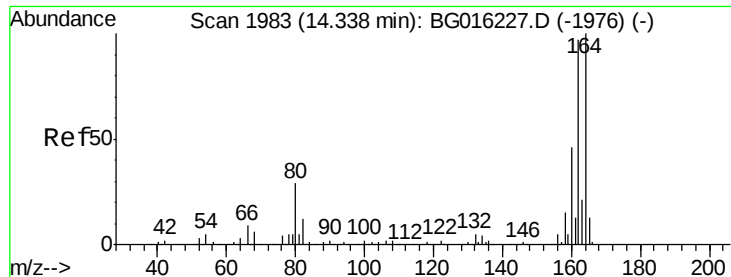


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

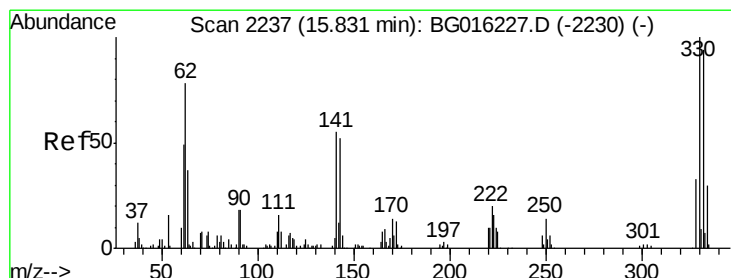
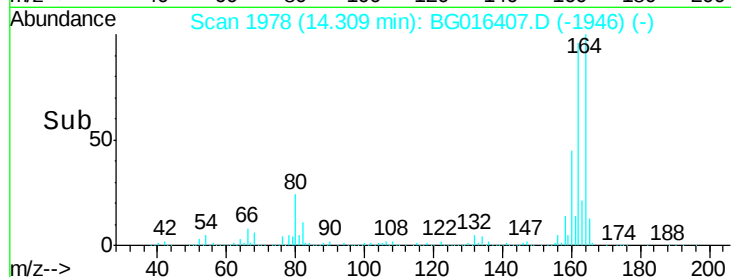
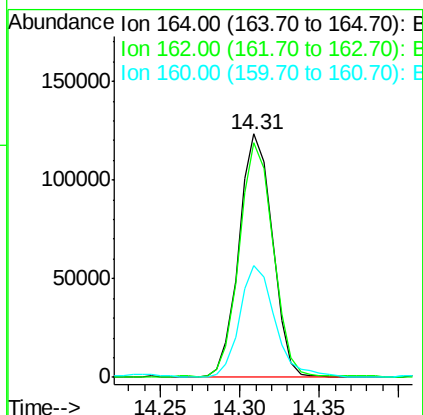
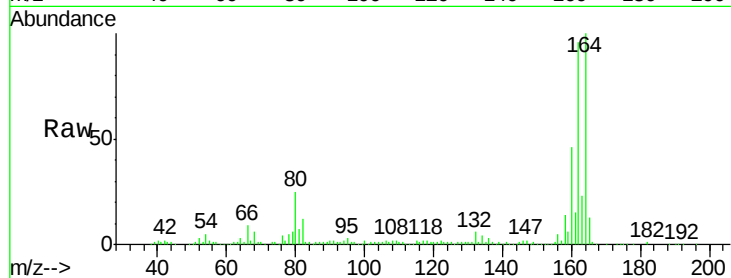




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.31 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BG016407.D
Acq: 14 Apr 2015 21:22

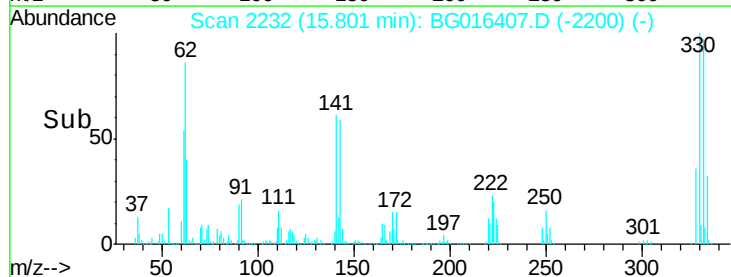
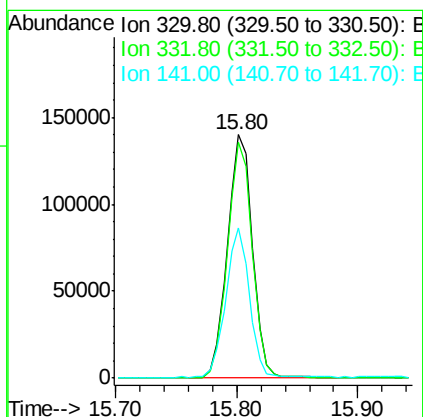
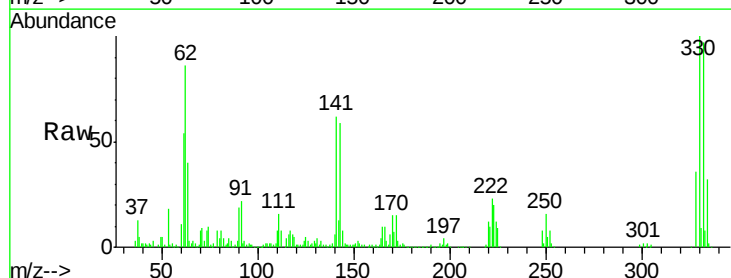
Instrument :
BNA_G
ClientSampleId :
TE-PMW-PCB2

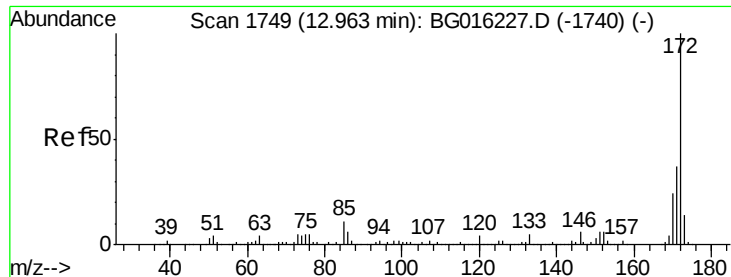
Tgt Ion:164 Resp: 180297
Ion Ratio Lower Upper
164 100
162 96.2 77.3 115.9
160 46.0 36.7 55.1



#41
2,4,6-Tribromophenol
Concen: 165.88 ng
RT: 15.80 min Scan# 2232
Delta R.T. -0.01 min
Lab File: BG016407.D
Acq: 14 Apr 2015 21:22

Tgt Ion:330 Resp: 202263
Ion Ratio Lower Upper
330 100
332 95.9 75.8 113.6
141 58.2 46.6 69.8

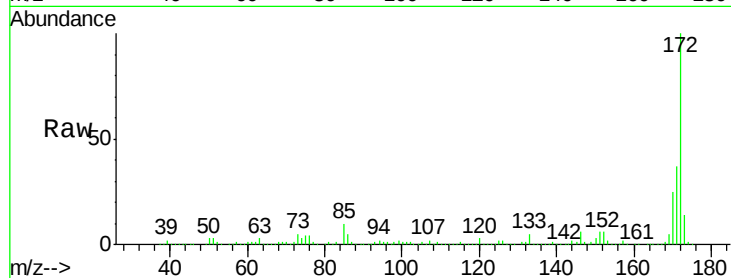




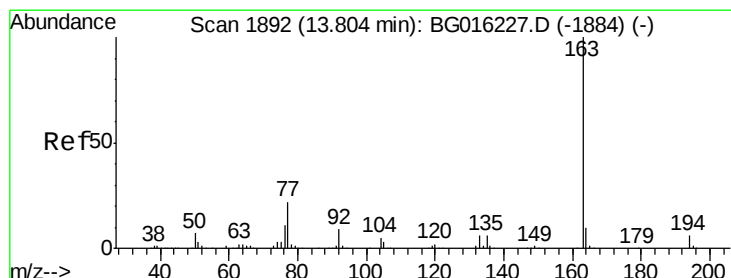
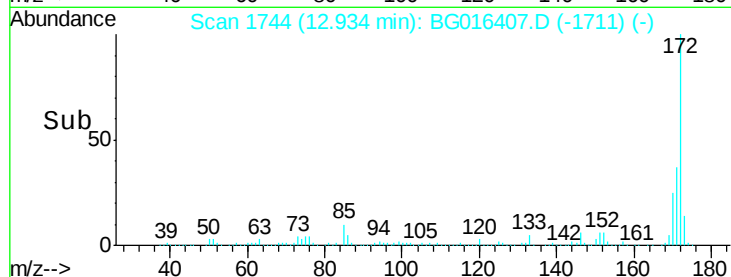
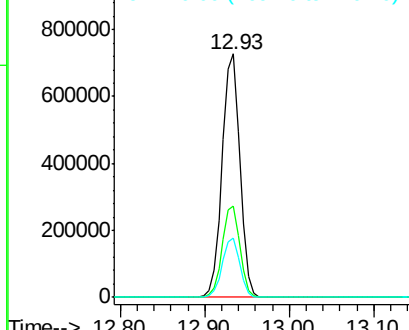
#44
 2-Fluorobiphenyl
 Concen: 100.61 ng
 RT: 12.93 min Scan# 1744
 Delta R.T. -0.00 min
 Lab File: BG016407.D
 Acq: 14 Apr 2015 21:22

Instrument :
 BNA_G
 ClientSampleId :
 TE-PMW-PCB2

Tgt Ion:172 Resp: 1065393
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.6 44.4
 170 24.5 19.4 29.2

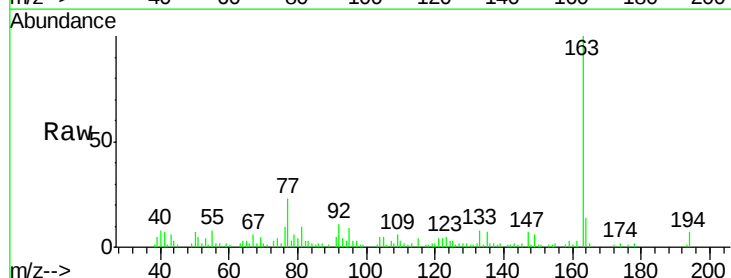


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

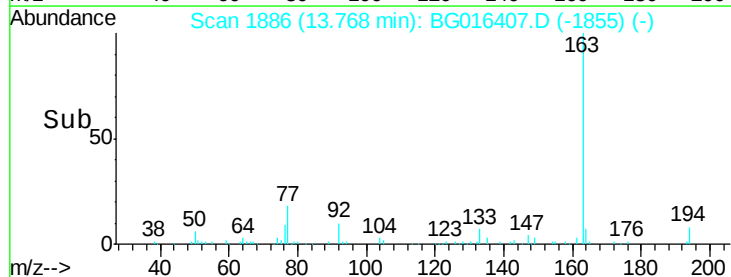
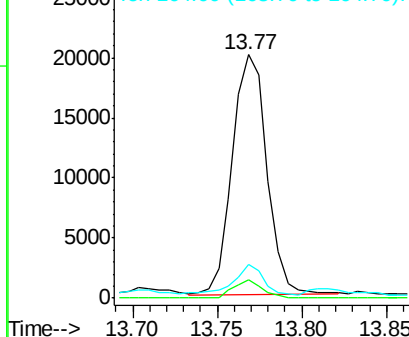


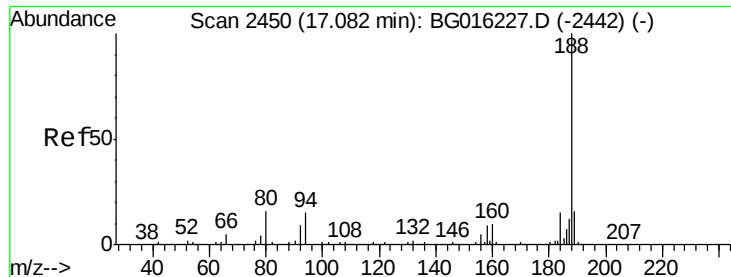
#49
 Dimethylphthalate
 Concen: 2.14 ng
 RT: 13.77 min Scan# 1886
 Delta R.T. -0.02 min
 Lab File: BG016407.D
 Acq: 14 Apr 2015 21:22

Tgt Ion:163 Resp: 28265
 Ion Ratio Lower Upper
 163 100
 194 7.4 5.0 7.4
 164 13.7 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: 17.05 min Scan# 2445

Delta R.T. -0.01 min

Lab File: BG016407.D

Acq: 14 Apr 2015 21:22

Instrument :

BNA_G

ClientSampleId :

TE-PMW-PCB2

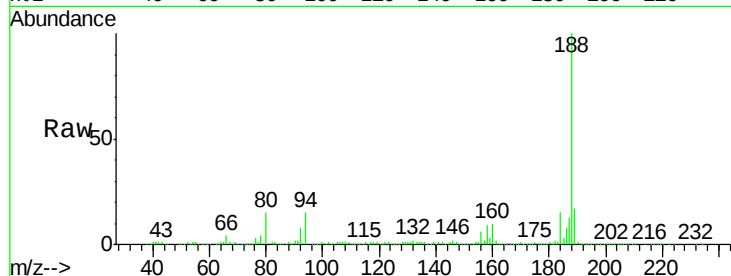
Tgt Ion:188 Resp: 368831

Ion Ratio Lower Upper

188 100

94 14.5 12.2 18.4

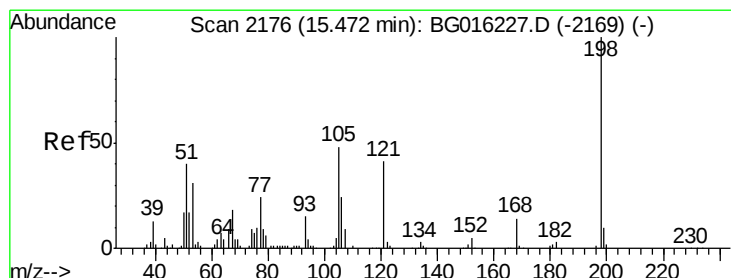
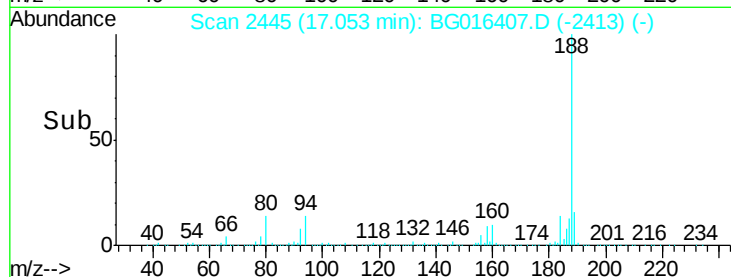
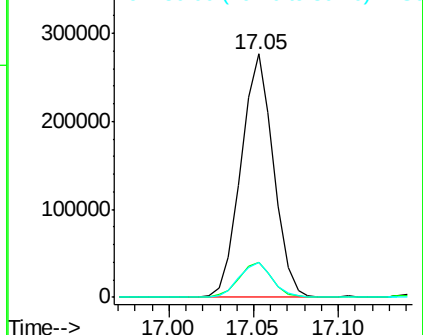
80 14.5 12.8 19.2



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



#64

4,6-Dinitro-2-methylphenol

Concen: 4.25 ng

RT: 15.51 min Scan# 2182

Delta R.T. 0.06 min

Lab File: BG016407.D

Acq: 14 Apr 2015 21:22

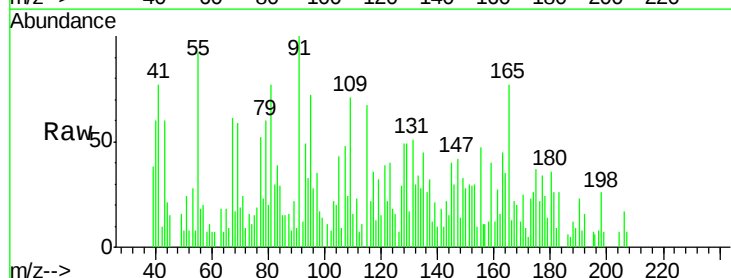
Tgt Ion:198 Resp: 1027

Ion Ratio Lower Upper

198 100

51 92.6 20.7 60.7#

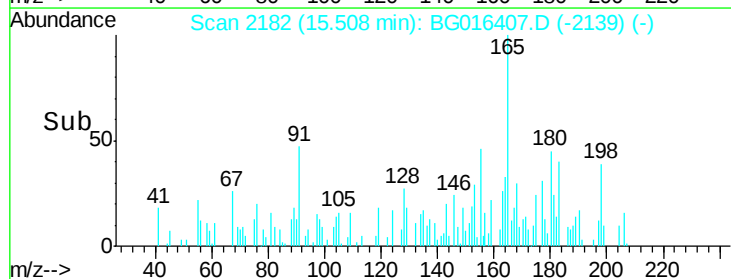
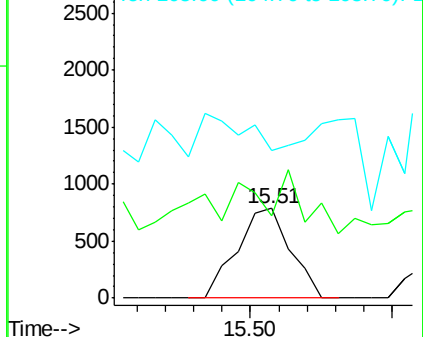
105 165.8 28.8 68.8#

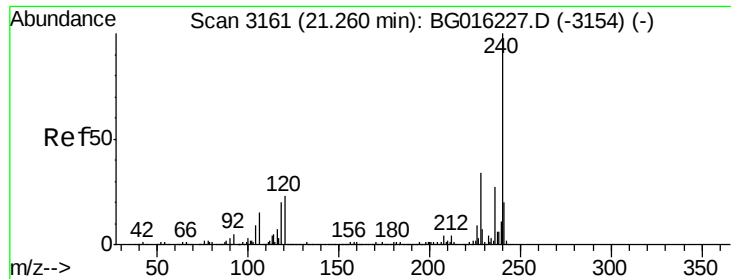


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.23 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG016407.D

Acq: 14 Apr 2015 21:22

Instrument :

BNA_G

ClientSampleId :

TE-PMW-PCB2

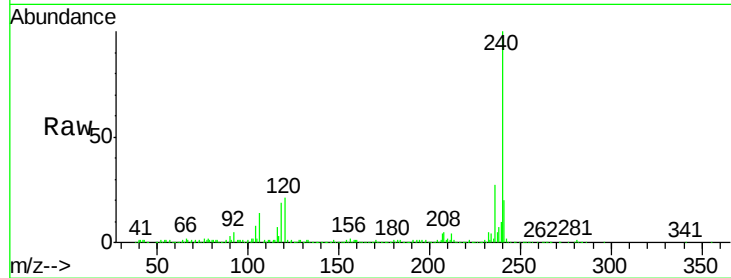
Tgt Ion:240 Resp: 316536

Ion Ratio Lower Upper

240 100

120 21.3 18.6 28.0

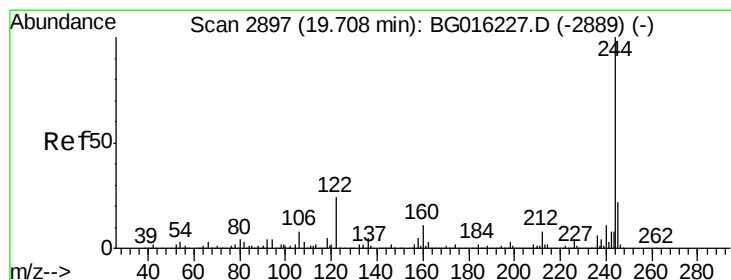
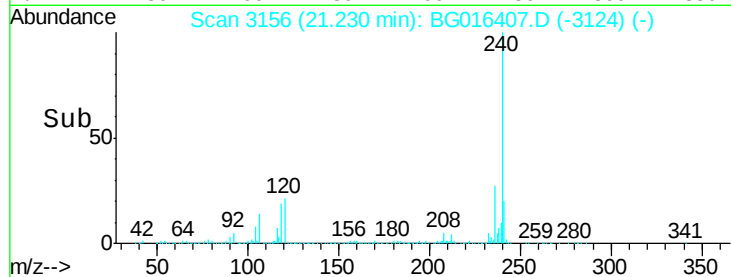
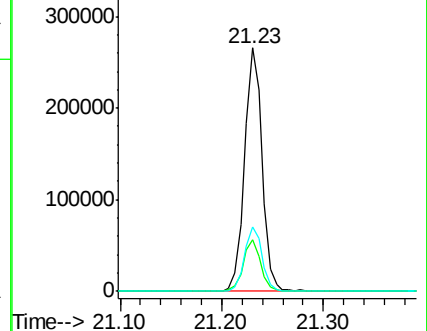
236 26.6 21.7 32.5



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: 85.17 ng

RT: 19.68 min Scan# 2893

Delta R.T. -0.00 min

Lab File: BG016407.D

Acq: 14 Apr 2015 21:22

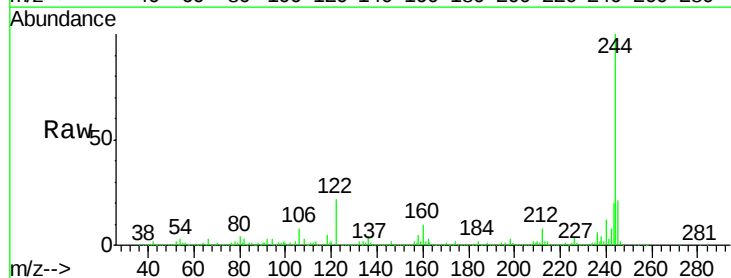
Tgt Ion:244 Resp: 1151896

Ion Ratio Lower Upper

244 100

212 8.3 6.6 9.8

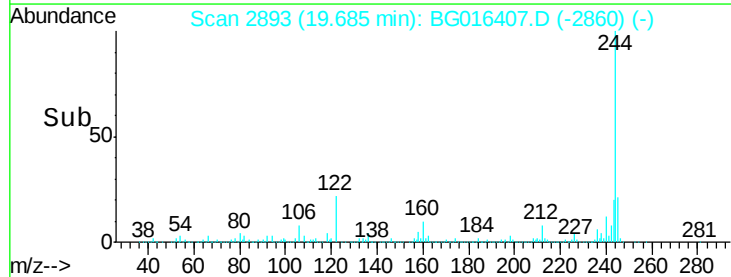
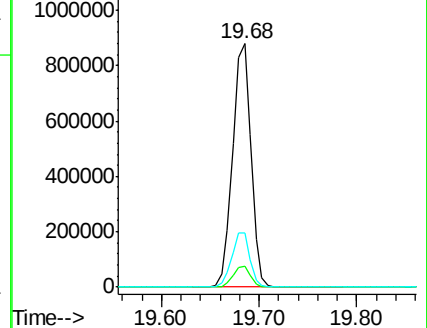
122 22.3 19.1 28.7

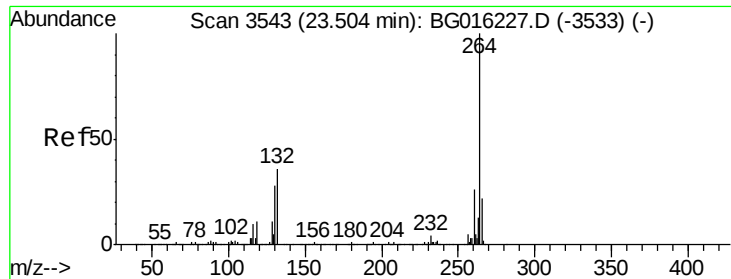


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

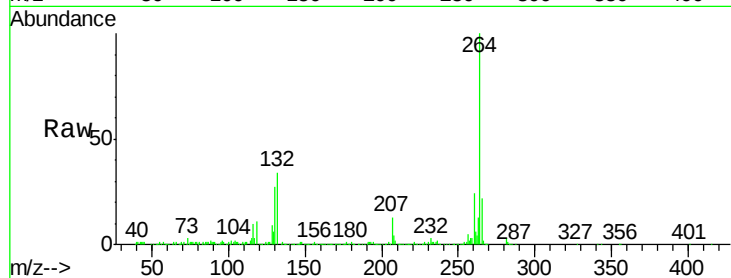




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.46 min Scan# 3536
Delta R.T. -0.00 min
Lab File: BG016407.D
Acq: 14 Apr 2015 21:22

Instrument :
BNA_G
ClientSampleId :
TE-PMW-PCB2

Tgt Ion:	264	Resp:	293094
Ion	Ratio	Lower	Upper
264	100		
260	24.1	20.4	30.6
265	21.9	17.2	25.8



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

