

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061215\
 Data File : BG017678.D
 Acq On : 13 Jun 2015 17:41
 Operator : TP/IZ
 Sample : PB83969TB
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB83969TB

Quant Time: Jun 15 05:42:05 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 13 02:22:44 2015
 Response via : Initial Calibration

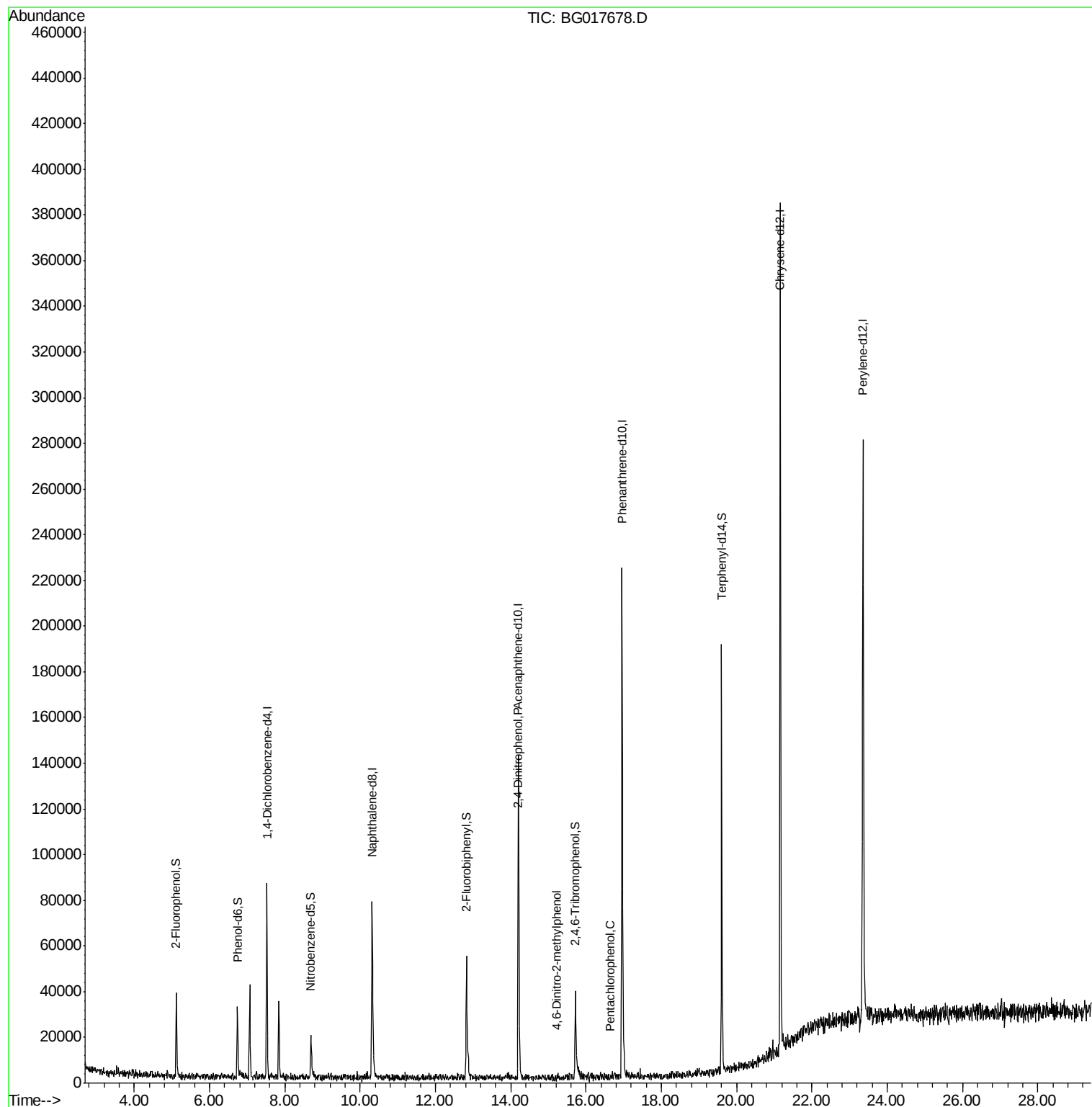
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	15887	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	58179	20.00	ng	0.00
38) Acenaphthene-d10	14.20	164	48208	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	142097	20.00	ng	0.00
75) Chrysene-d12	21.16	240	190740	20.00	ng	0.00
86) Perylene-d12	23.36	264	199118	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	12829	15.64	ng	0.00
7) Phenol-d6	6.74	99	16088	13.38	ng	0.00
23) Nitrobenzene-d5	8.69	82	10824	7.81	ng	0.00
41) 2,4,6-Tribromophenol	15.72	330	9179	11.03	ng	0.00
44) 2-Fluorobiphenyl	12.82	172	26416	7.58	ng	0.00
78) Terphenyl-d14	19.61	244	84812	9.28	ng	0.00
Target Compounds						
53) 2,4-Dinitrophenol	14.19	184	64	5.98	ng	# 56
64) 4,6-Dinitro-2-methylphenol	15.23	198	140	5.36	ng	# 39
69) Pentachlorophenol	16.64	266	55	6.24	ng	# 17

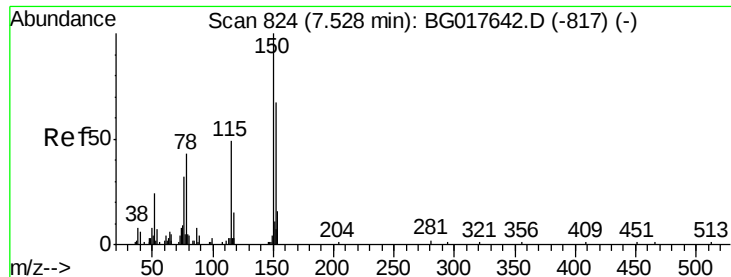
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 13 02:22:44 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.52 min Scan# 823

Delta R.T. -0.00 min

Lab File: BG017678.D

Acq: 13 Jun 2015 17:41

Instrument :

BNA_G

ClientSampleId :

PB83969TB

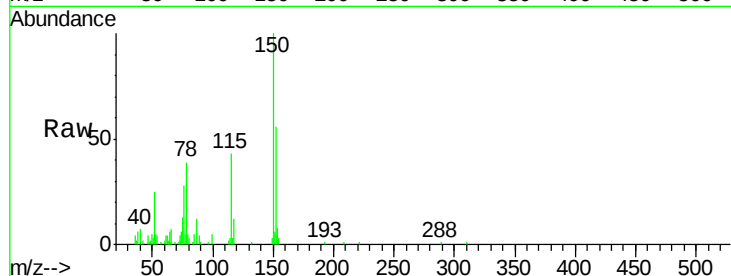
Tgt Ion:152 Resp: 15887

Ion Ratio Lower Upper

152 100

150 177.3 119.4 179.0

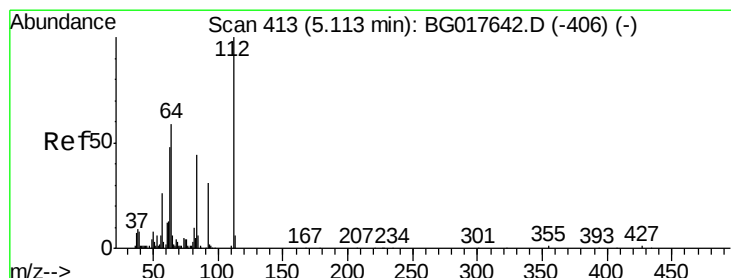
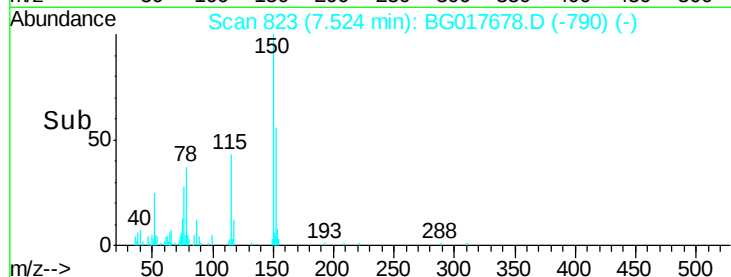
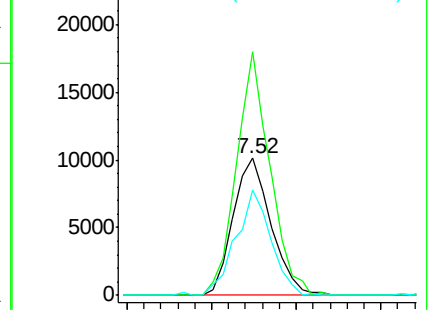
115 76.4 58.2 87.2



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: 15.64 ng

RT: 5.12 min Scan# 413

Delta R.T. 0.00 min

Lab File: BG017678.D

Acq: 13 Jun 2015 17:41

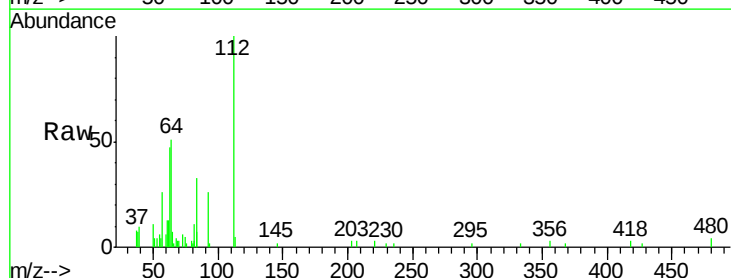
Tgt Ion:112 Resp: 12829

Ion Ratio Lower Upper

112 100

64 51.2 47.0 70.6

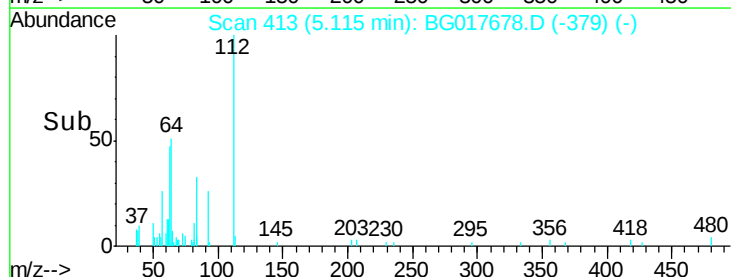
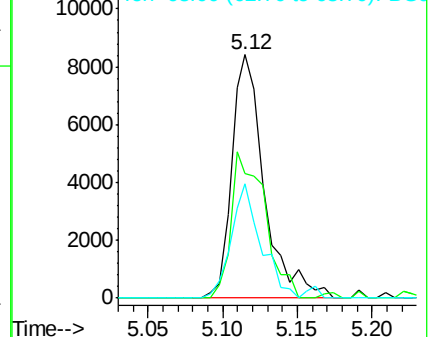
63 46.7 38.6 58.0

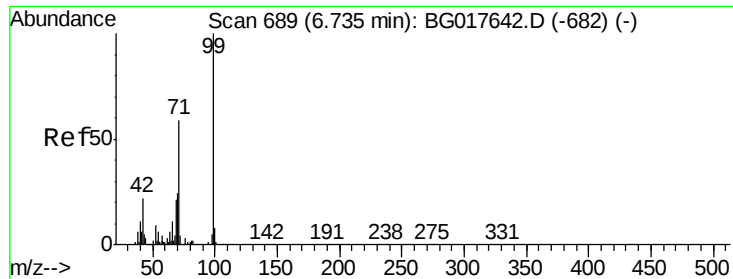


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 13.38 ng

RT: 6.74 min Scan# 690

Delta R.T. 0.01 min

Lab File: BG017678.D

Acq: 13 Jun 2015 17:41

Instrument :

BNA_G

ClientSampleId :

PB83969TB

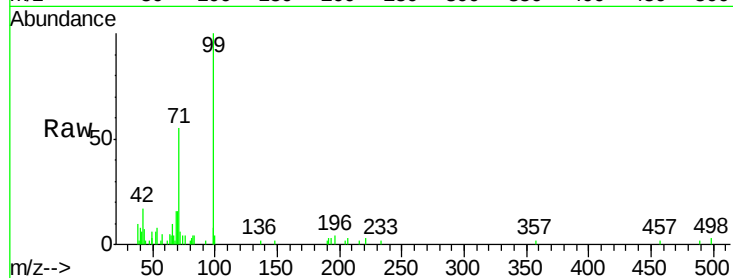
Tgt Ion: 99 Resp: 16088

Ion Ratio Lower Upper

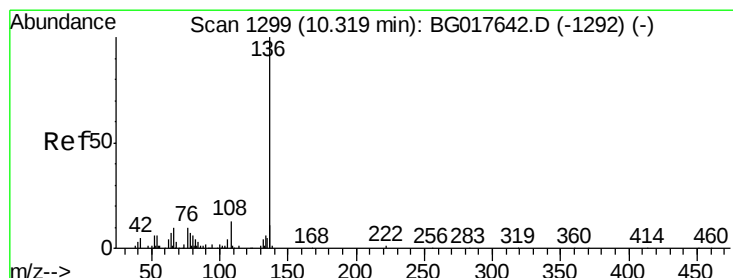
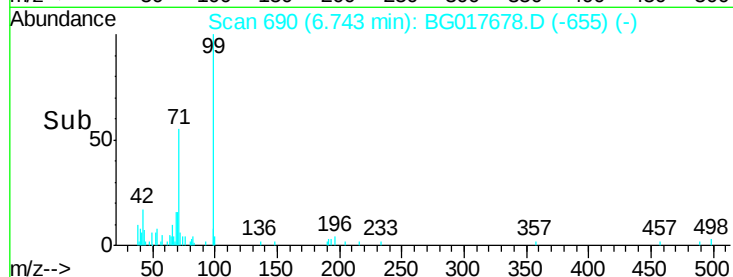
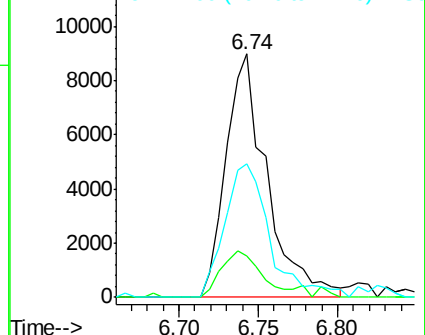
99 100

42 17.0 17.4 26.2#

71 55.1 47.4 71.0



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: 10.32 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BG017678.D

Acq: 13 Jun 2015 17:41

Tgt Ion: 136 Resp: 58179

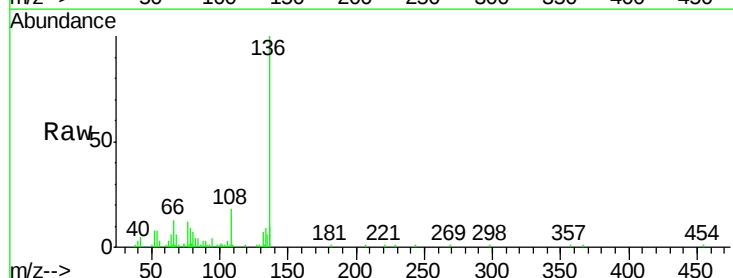
Ion Ratio Lower Upper

136 100

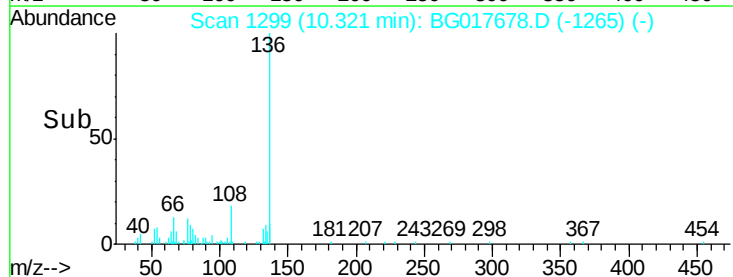
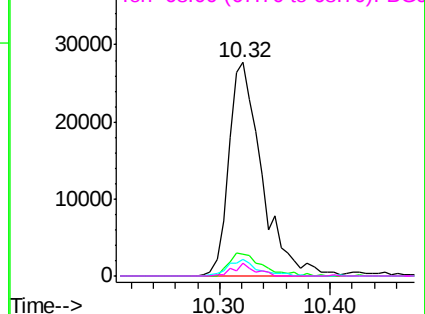
137 10.4 8.7 13.1

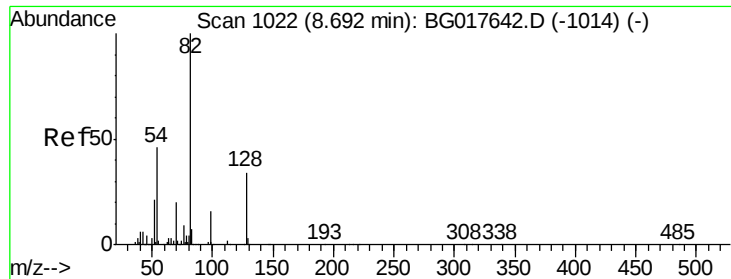
54 8.0 4.7 7.1#

68 6.0 2.4 3.6#



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: 7.81 ng

RT: 8.69 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BG017678.D

Acq: 13 Jun 2015 17:41

Instrument :

BNA_G

ClientSampleId :

PB83969TB

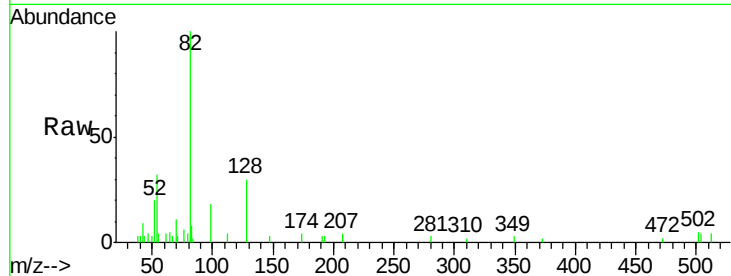
Tgt Ion: 82 Resp: 10824

Ion Ratio Lower Upper

82 100

128 29.7 27.3 40.9

54 31.5 37.0 55.4#



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

8.69

6000

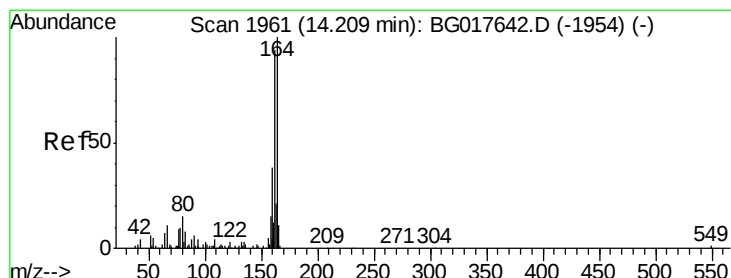
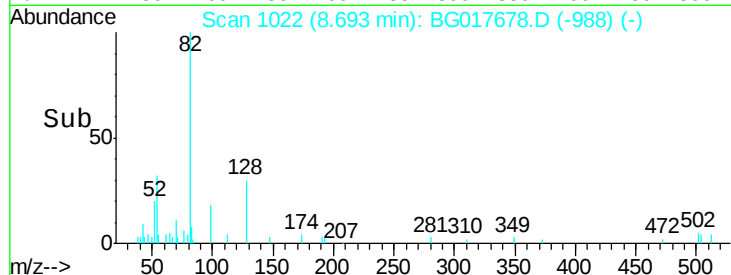
4000

2000

0

8.65 8.70 8.75

Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.20 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BG017678.D

Acq: 13 Jun 2015 17:41

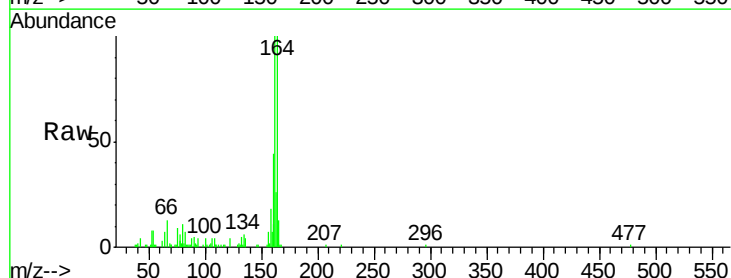
Tgt Ion: 164 Resp: 48208

Ion Ratio Lower Upper

164 100

162 100.5 75.0 112.4

160 43.8 30.3 45.5



Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

14.20

40000

30000

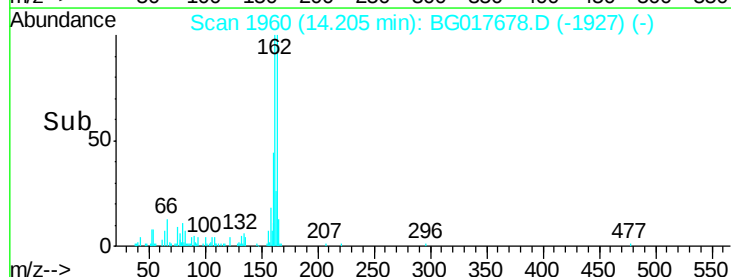
20000

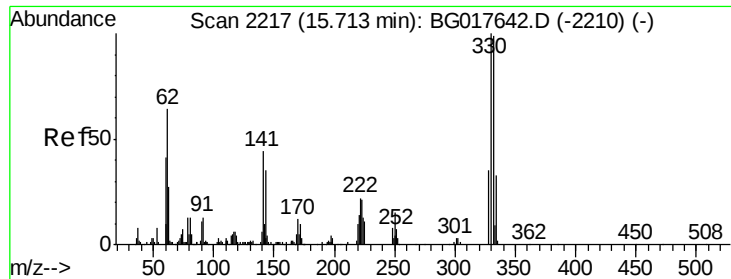
10000

0

14.15 14.20 14.25 14.30

Time-->

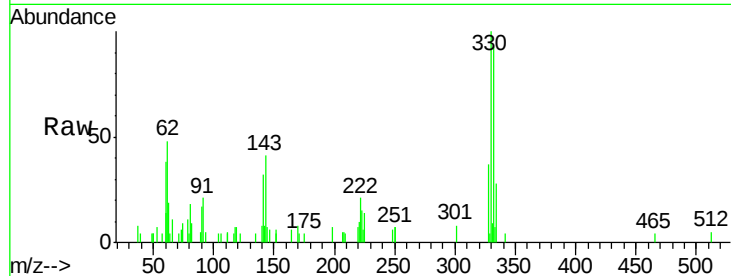




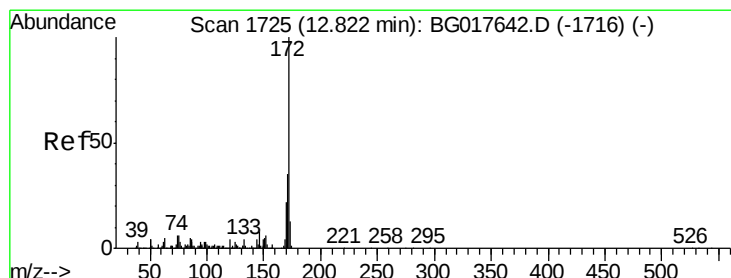
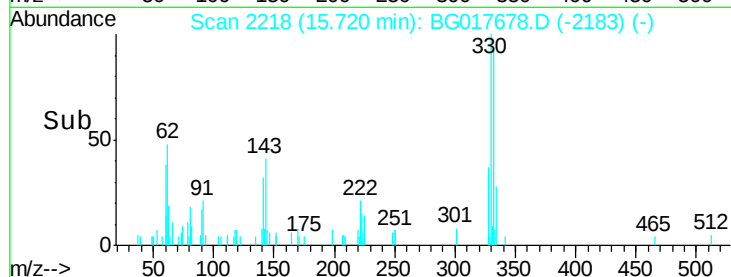
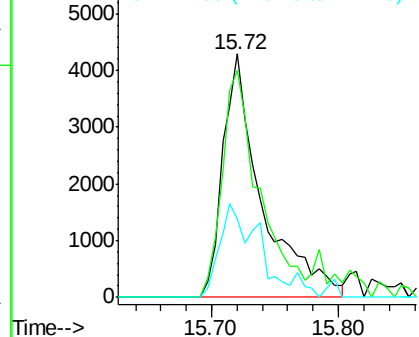
#41
 2,4,6-Tribromophenol
 Concen: 11.03 ng
 RT: 15.72 min Scan# 2218
 Delta R.T. 0.01 min
 Lab File: BG017678.D
 Acq: 13 Jun 2015 17:41

Instrument :
 BNA_G
 ClientSampleId :
 PB83969TB

Tgt Ion:330 Resp: 9179
 Ion Ratio Lower Upper
 330 100
 332 88.1 76.6 114.8
 141 37.1 34.6 51.8

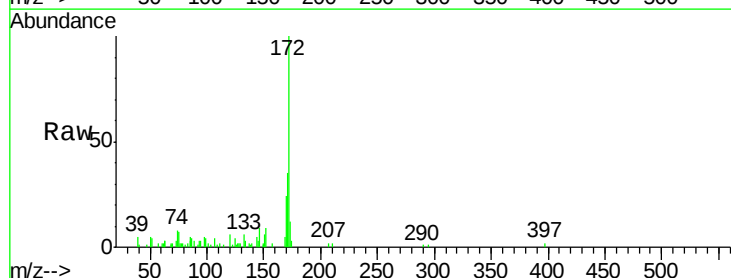


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

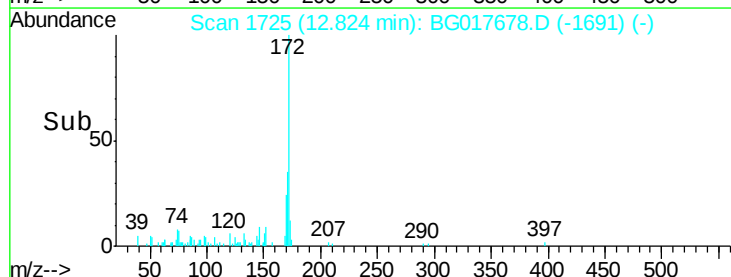
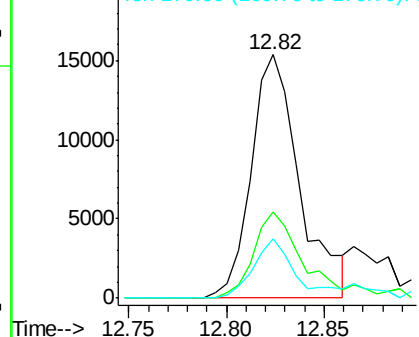


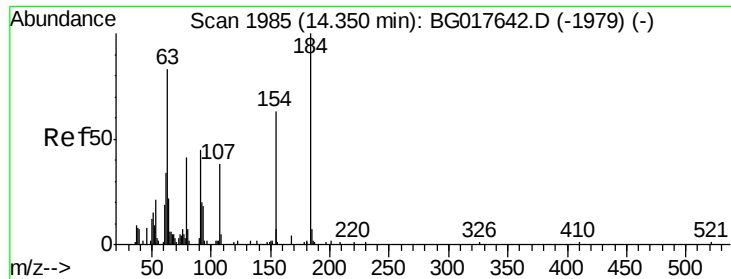
#44
 2-Fluorobiphenyl
 Concen: 7.58 ng
 RT: 12.82 min Scan# 1725
 Delta R.T. 0.00 min
 Lab File: BG017678.D
 Acq: 13 Jun 2015 17:41

Tgt Ion:172 Resp: 26416
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.2 42.2
 170 24.4 17.4 26.2



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

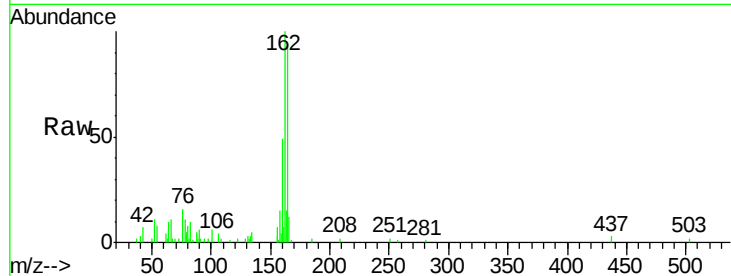




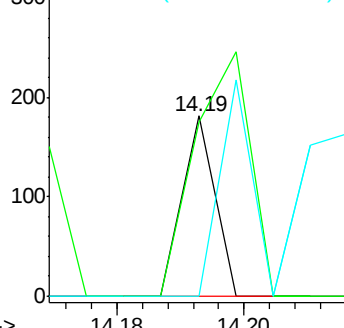
#53
2,4-Dinitrophenol
Concen: 5.98 ng
RT: 14.19 min Scan# 1958
Delta R.T. -0.16 min
Lab File: BG017678.D
Acq: 13 Jun 2015 17:41

Instrument :
BNA_G
ClientSampleId :
PB83969TB

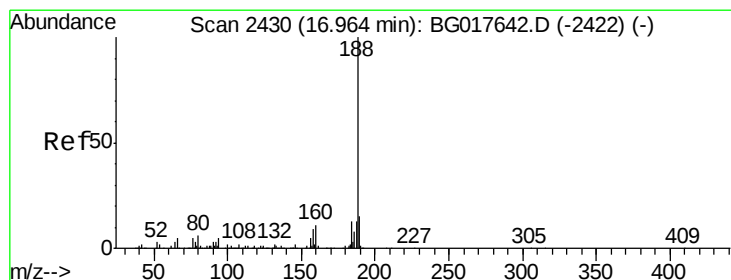
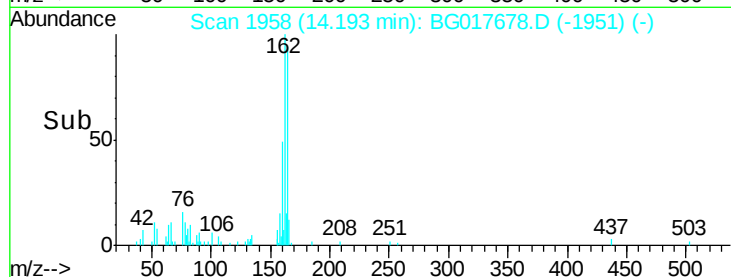
Tgt Ion:184 Resp: 64
Ion Ratio Lower Upper
184 100
63 96.7 66.5 99.7
154 0.0 50.5 75.7#



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

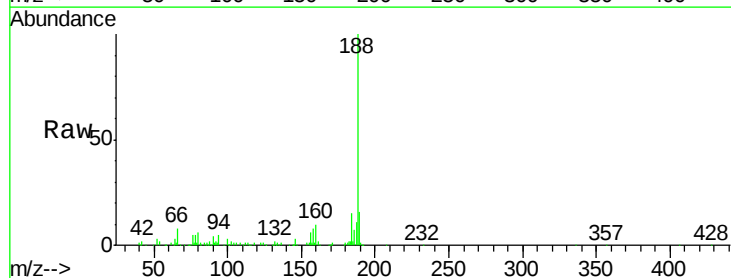


Time-->

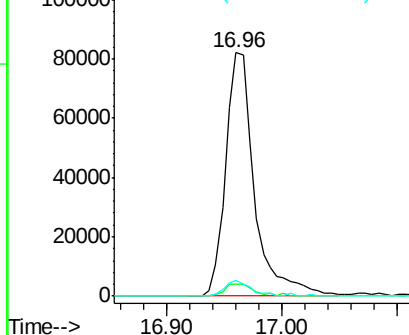


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.96 min Scan# 2429
Delta R.T. -0.00 min
Lab File: BG017678.D
Acq: 13 Jun 2015 17:41

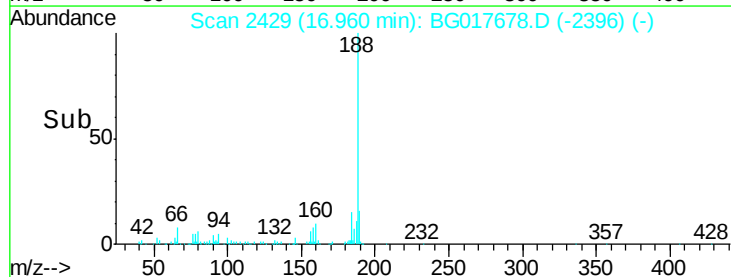
Tgt Ion:188 Resp: 142097
Ion Ratio Lower Upper
188 100
94 4.6 3.9 5.9
80 6.4 5.0 7.6

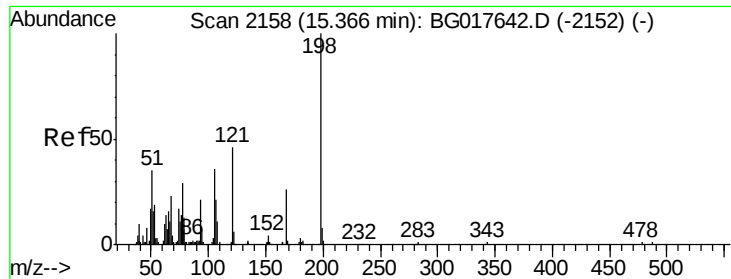


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG



Time-->

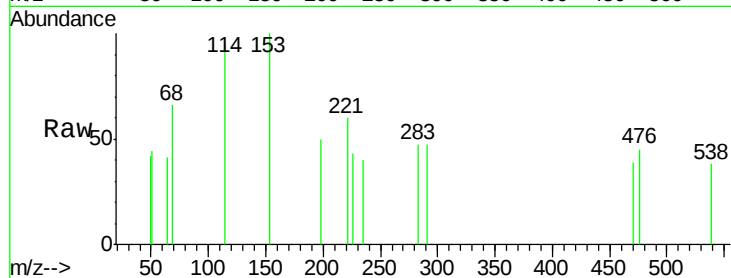




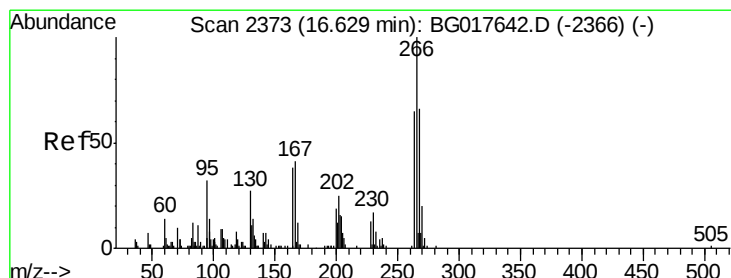
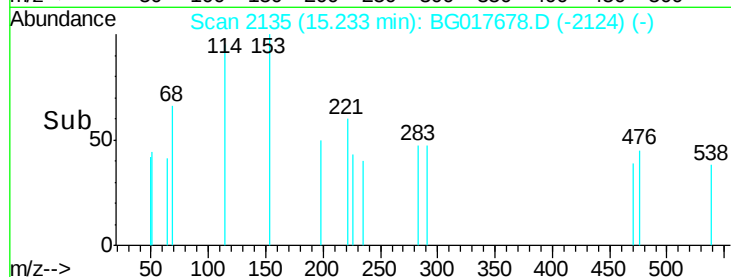
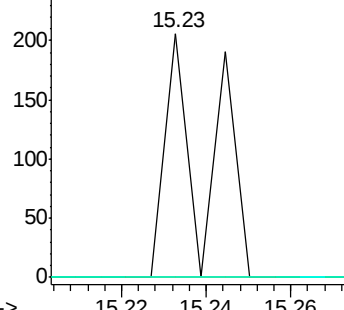
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.36 ng
 RT: 15.23 min Scan# 2135
 Delta R.T. -0.13 min
 Lab File: BG017678.D
 Acq: 13 Jun 2015 17:41

Instrument :
 BNA_G
 ClientSampleId :
 PB83969TB

Tgt Ion:198 Resp: 140
 Ion Ratio Lower Upper
 198 100
 51 0.0 16.2 56.2#
 105 0.0 15.7 55.7#

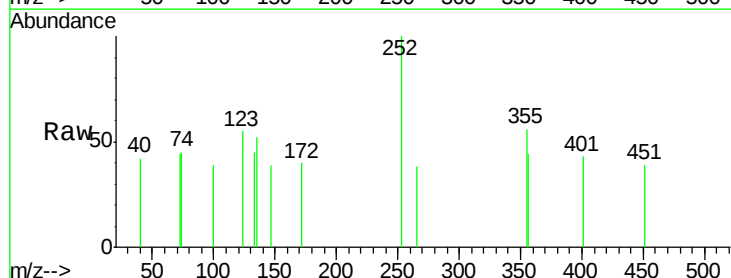


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

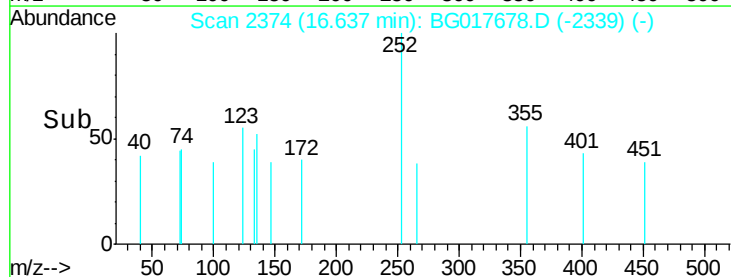
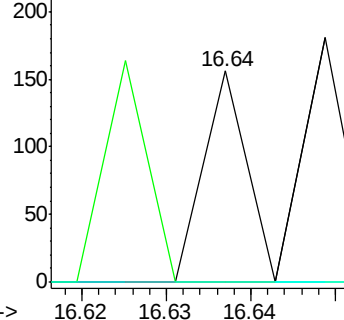


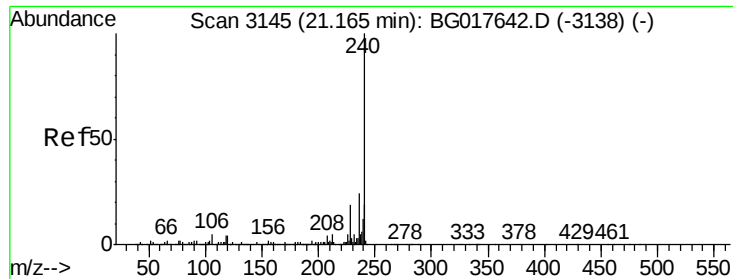
#69
 Pentachlorophenol
 Concen: 6.24 ng
 RT: 16.64 min Scan# 2374
 Delta R.T. 0.01 min
 Lab File: BG017678.D
 Acq: 13 Jun 2015 17:41

Tgt Ion:266 Resp: 55
 Ion Ratio Lower Upper
 266 100
 268 0.0 52.7 79.1#
 264 0.0 52.2 78.4#



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.16 min Scan# 3144

Delta R.T. -0.00 min

Lab File: BG017678.D

Acq: 13 Jun 2015 17:41

Instrument :

BNA_G

ClientSampleId :

PB83969TB

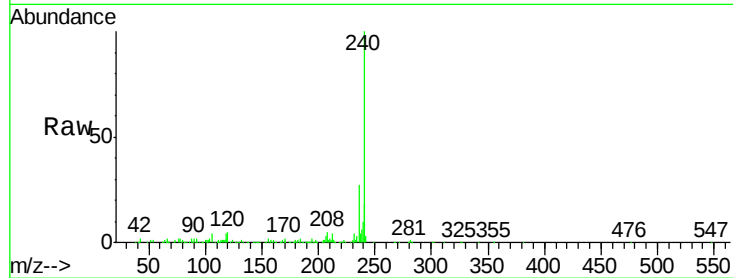
Tgt Ion:240 Resp: 190740

Ion Ratio Lower Upper

240 100

120 5.0 3.5 5.3

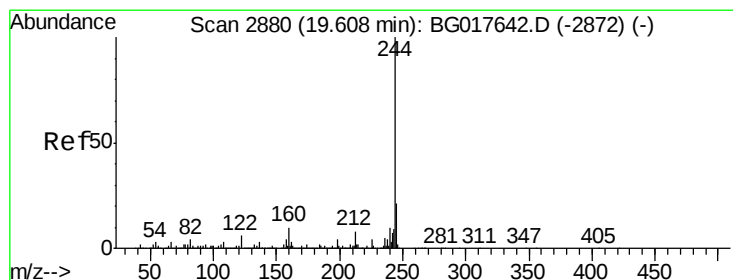
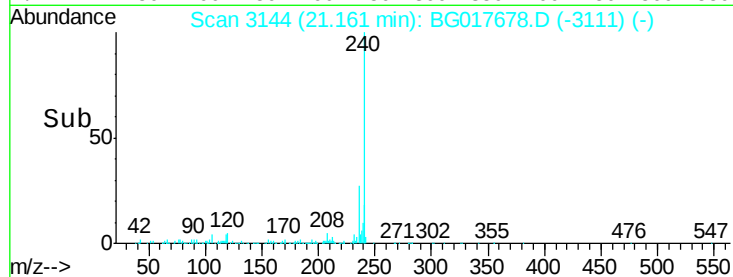
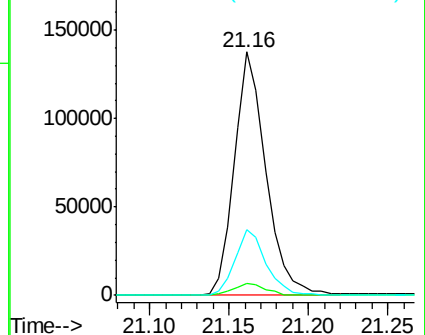
236 27.2 19.5 29.3



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: 9.28 ng

RT: 19.61 min Scan# 2880

Delta R.T. 0.00 min

Lab File: BG017678.D

Acq: 13 Jun 2015 17:41

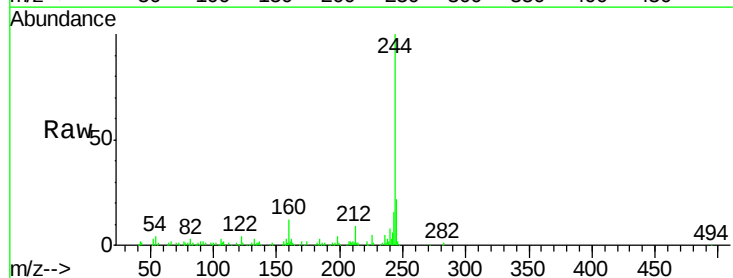
Tgt Ion:244 Resp: 84812

Ion Ratio Lower Upper

244 100

212 9.1 6.3 9.5

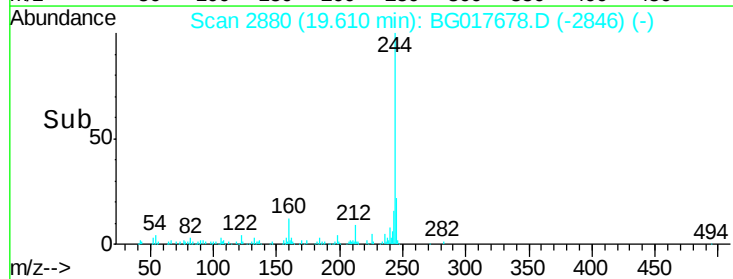
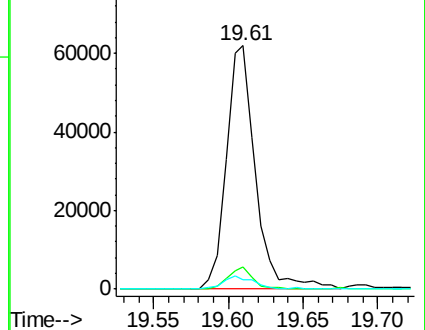
122 3.7 4.6 6.8#

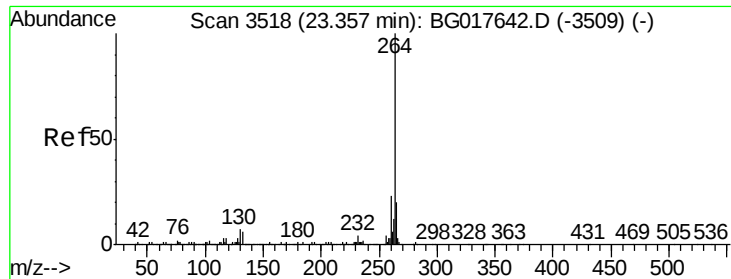


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.36 min Scan# 3518
Delta R.T. 0.00 min
Lab File: BG017678.D
Acq: 13 Jun 2015 17:41

Instrument :
BNA_G
ClientSampleId :
PB83969TB

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.3	27.5
265	23.0	16.2	24.2

