

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG040615\
 Data File : BG016250.D
 Acq On : 7 Apr 2015 11:22
 Operator : TP/IZ
 Sample : G1779-10
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-5(1-3)

Quant Time: Apr 07 14:07:34 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 07 04:17:17 2015
 Response via : Initial Calibration

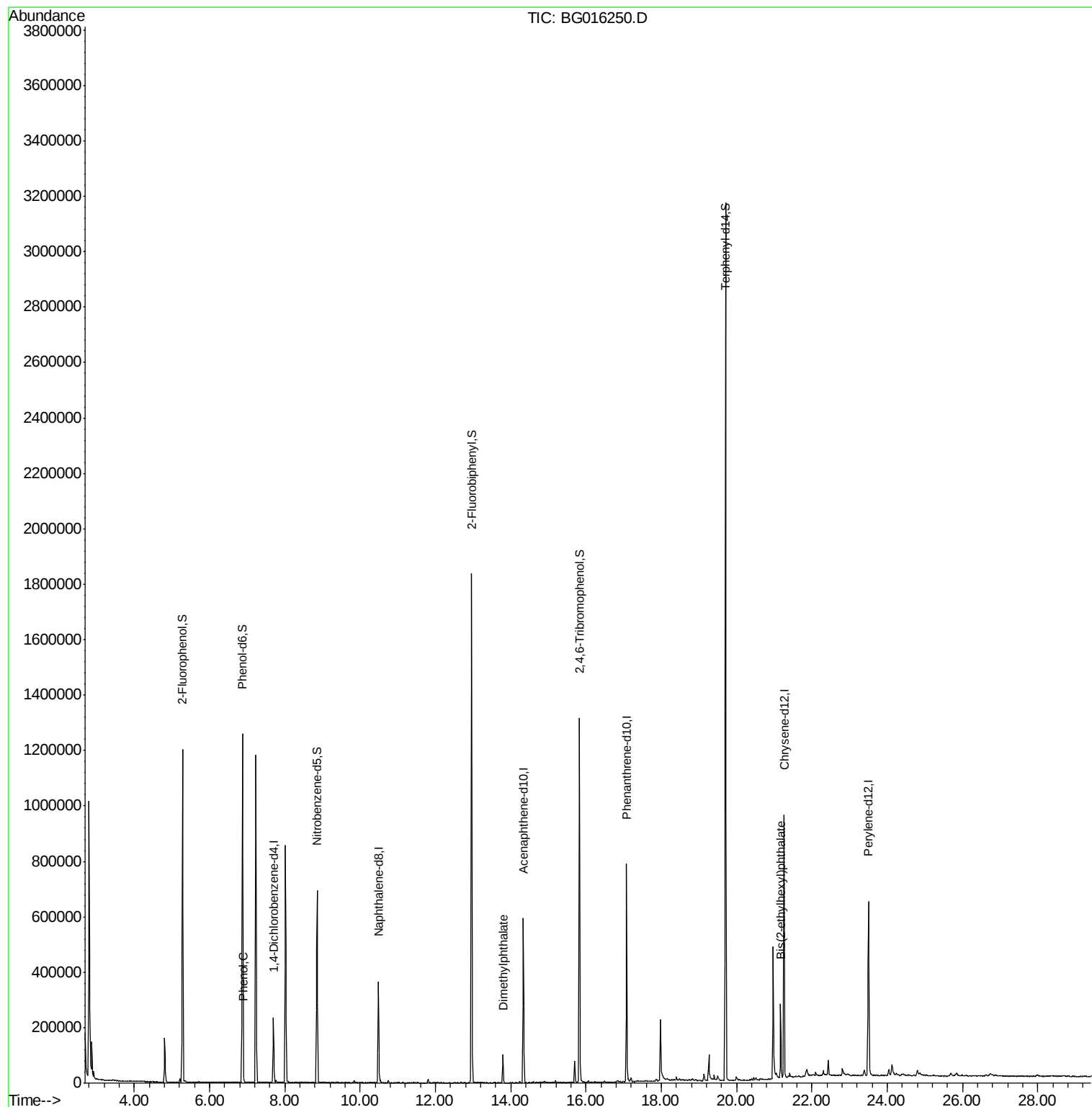
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	63584	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	300746	20.00	ng	0.00
38) Acenaphthene-d10	14.34	164	184219	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	412659	20.00	ng	0.00
75) Chrysene-d12	21.26	240	390042	20.00	ng	0.00
86) Perylene-d12	23.50	264	352746	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	545292	135.35	ng	0.00
7) Phenol-d6	6.87	99	805357	133.16	ng	0.00
23) Nitrobenzene-d5	8.86	82	420002	80.90	ng	0.00
41) 2,4,6-Tribromophenol	15.82	330	176200	141.43	ng	0.00
44) 2-Fluorobiphenyl	12.96	172	882398	81.55	ng	0.00
78) Terphenyl-d14	19.71	244	1170875	70.26	ng	0.00
Target Compounds						
10) Phenol	6.90	94	19139	2.96	ng	93
49) Dimethylphthalate	13.79	163	64677	4.79	ng	100
83) Bis(2-ethylhexyl)phthalate	21.17	149	93959	5.20	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: 7.70 min Scan# 853

Delta R.T. -0.00 min

Lab File: BG016250.D

Acq: 7 Apr 2015 11:22

Instrument :

BNA_G

ClientSampleId :

SB-5(1-3)

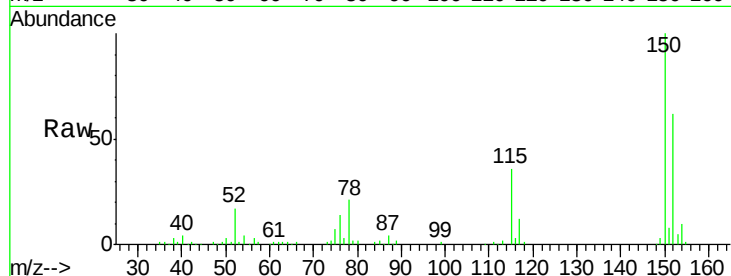
Tgt Ion:152 Resp: 63584

Ion Ratio Lower Upper

152 100

150 160.0 130.1 195.1

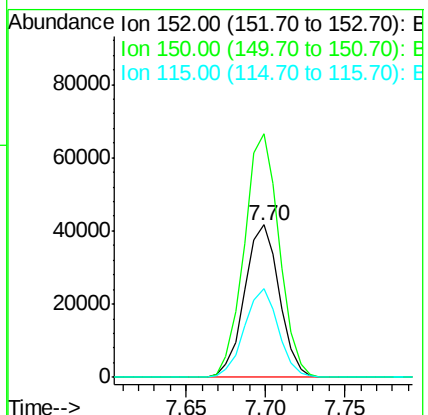
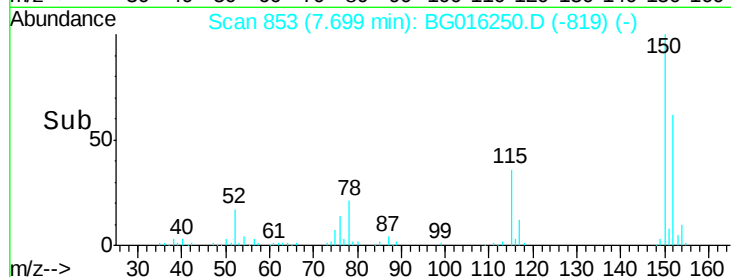
115 58.3 50.5 75.7



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: 135.35 ng

RT: 5.28 min Scan# 441

Delta R.T. -0.00 min

Lab File: BG016250.D

Acq: 7 Apr 2015 11:22

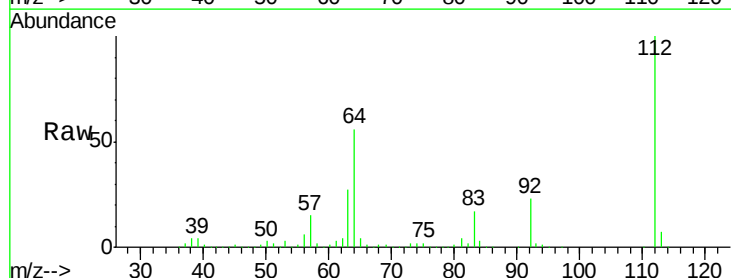
Tgt Ion:112 Resp: 545292

Ion Ratio Lower Upper

112 100

64 55.6 44.5 66.7

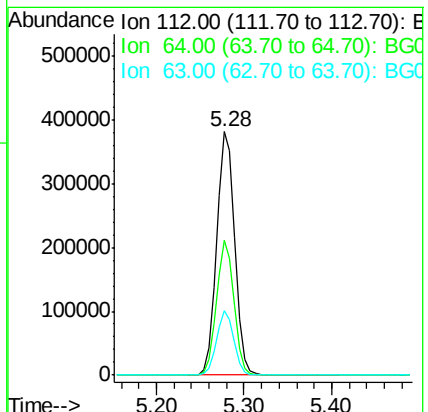
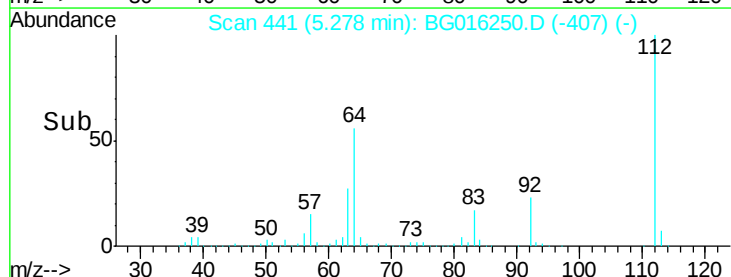
63 26.6 21.4 32.0



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: 133.16 ng

RT: 6.87 min Scan# 712

Delta R.T. -0.00 min

Lab File: BG016250.D

Acq: 7 Apr 2015 11:22

Instrument :

BNA_G

ClientSampleId :

SB-5(1-3)

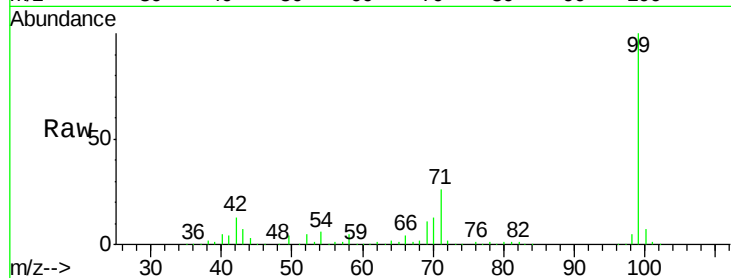
Tgt Ion: 99 Resp: 805357

Ion Ratio Lower Upper

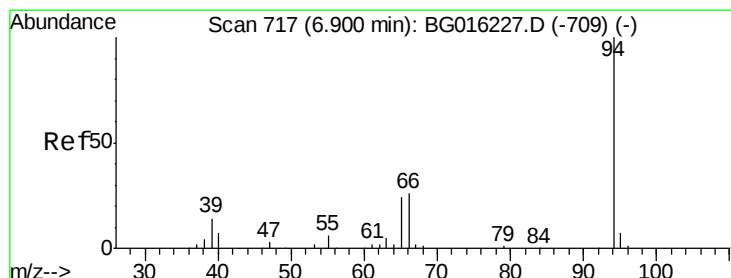
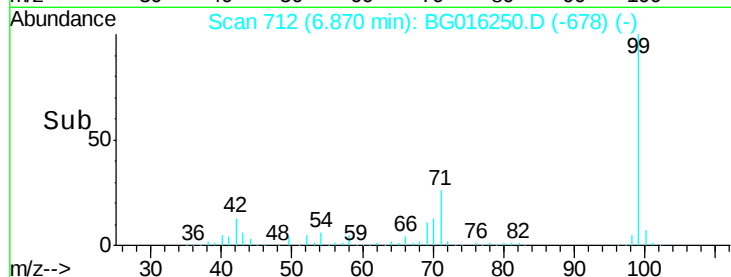
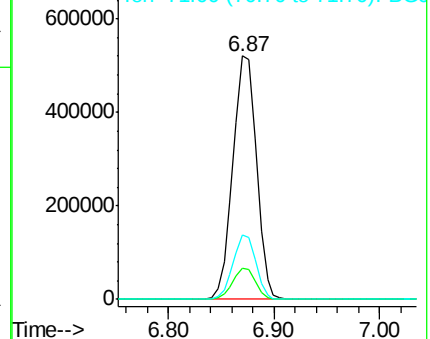
99 100

42 12.7 10.0 15.0

71 26.5 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



#10

Phenol

Concen: 2.96 ng

RT: 6.90 min Scan# 717

Delta R.T. -0.00 min

Lab File: BG016250.D

Acq: 7 Apr 2015 11:22

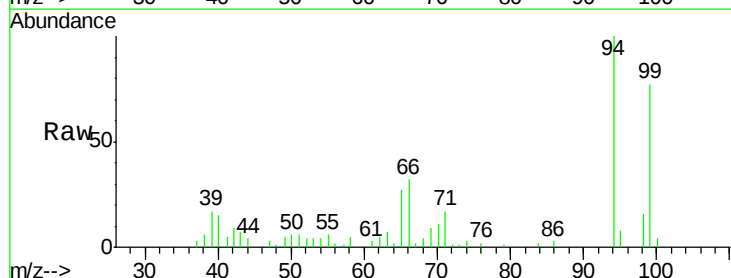
Tgt Ion: 94 Resp: 19139

Ion Ratio Lower Upper

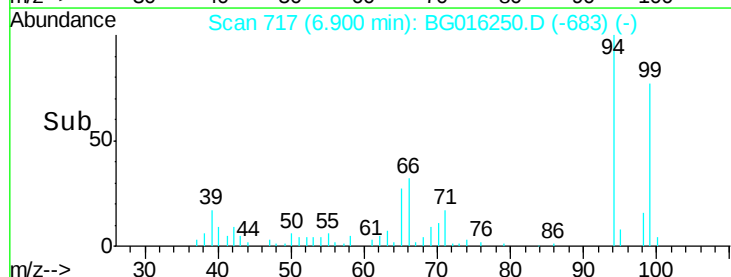
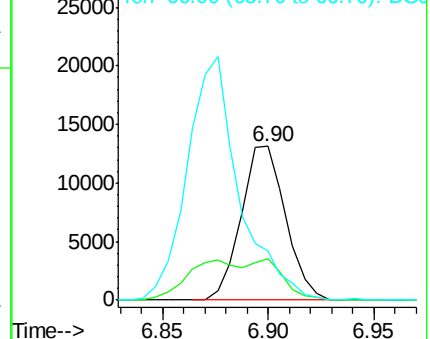
94 100

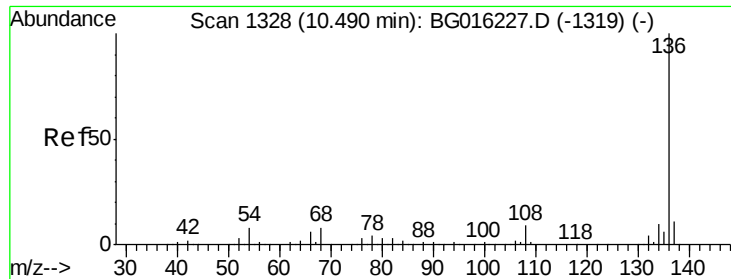
65 26.7 3.8 43.8

66 31.6 7.4 47.4



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

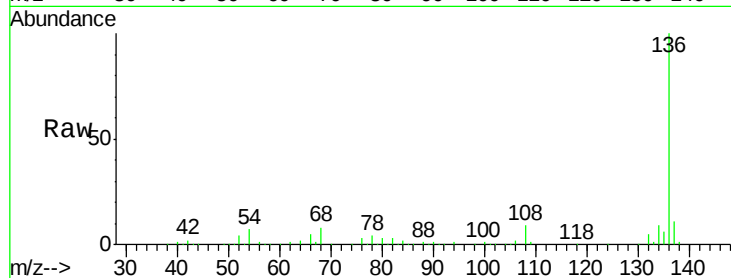




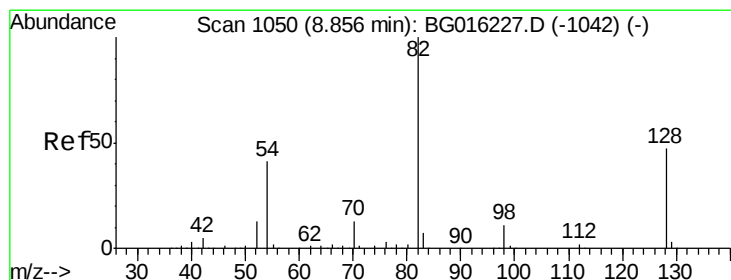
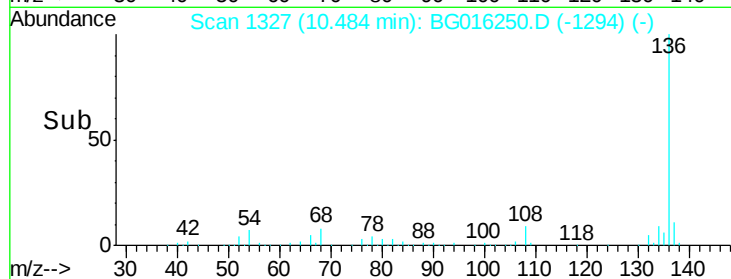
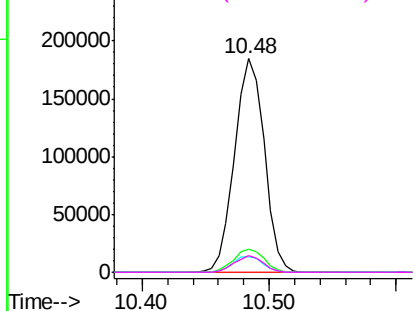
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.48 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG016250.D
Acq: 7 Apr 2015 11:22

Instrument :
BNA_G
ClientSampleId :
SB-5(1-3)

Tgt Ion: 136 Resp: 300746
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 7.4 6.3 9.5
68 7.9 6.5 9.7

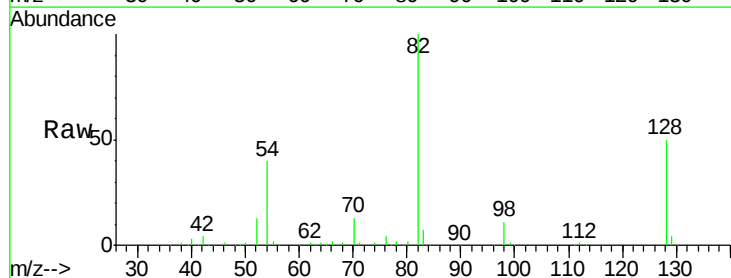


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

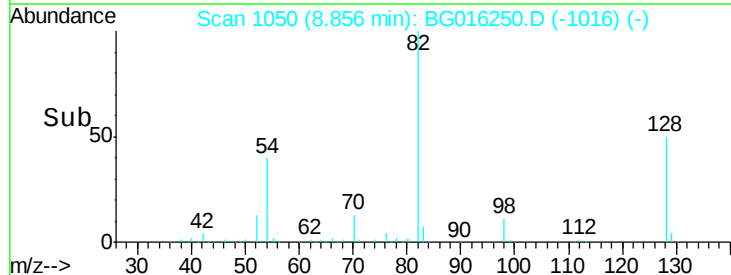
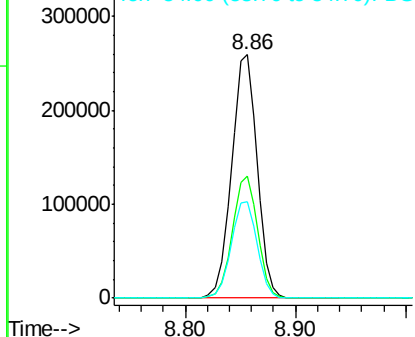


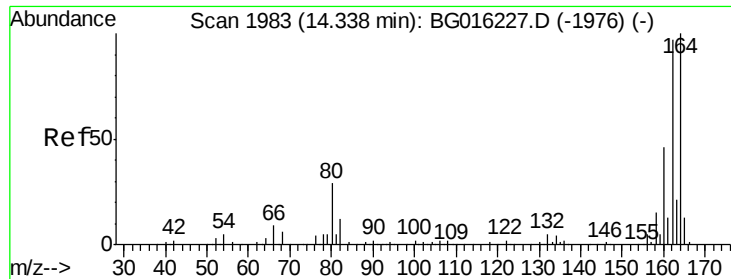
#23
Nitrobenzene-d5
Concen: 80.90 ng
RT: 8.86 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BG016250.D
Acq: 7 Apr 2015 11:22

Tgt Ion: 82 Resp: 420002
Ion Ratio Lower Upper
82 100
128 50.2 37.8 56.8
54 39.8 32.6 49.0



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.34 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BG016250.D

Acq: 7 Apr 2015 11:22

Instrument :

BNA_G

ClientSampleId :

SB-5(1-3)

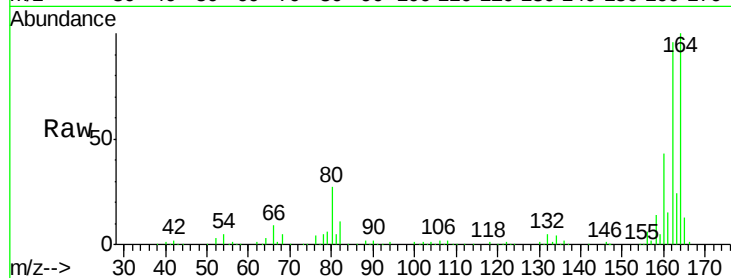
Tgt Ion:164 Resp: 184219

Ion Ratio Lower Upper

164 100

162 95.5 77.3 115.9

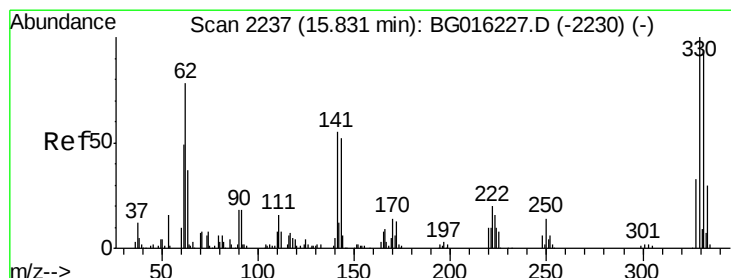
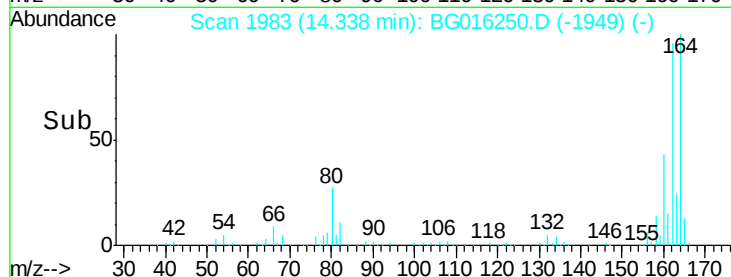
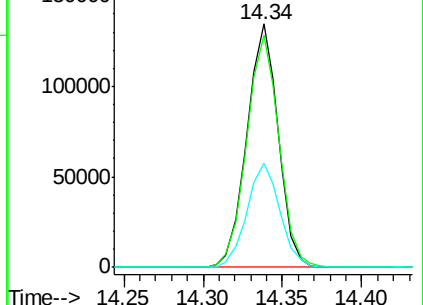
160 43.0 36.7 55.1



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: 141.43 ng

RT: 15.82 min Scan# 2236

Delta R.T. -0.01 min

Lab File: BG016250.D

Acq: 7 Apr 2015 11:22

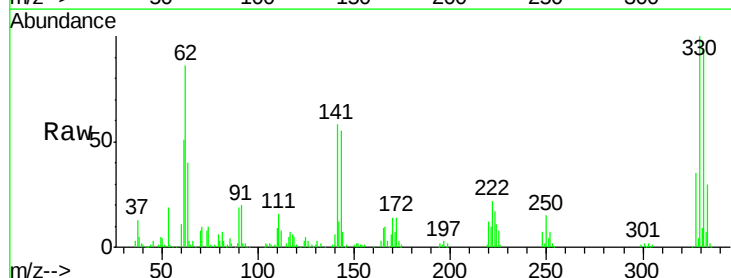
Tgt Ion:330 Resp: 176200

Ion Ratio Lower Upper

330 100

332 95.4 75.8 113.6

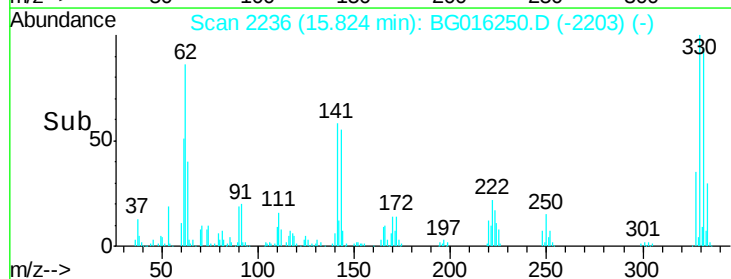
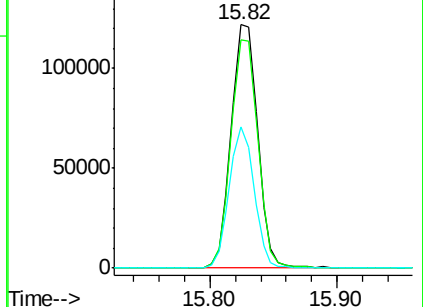
141 54.9 46.6 69.8

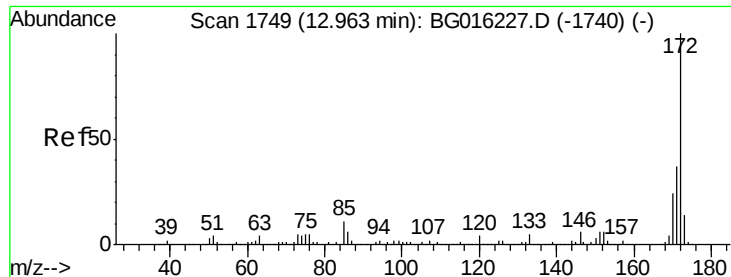


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

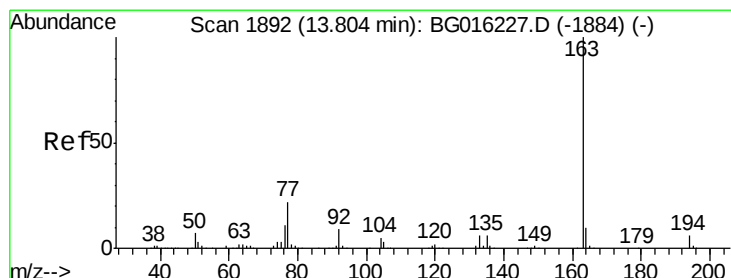
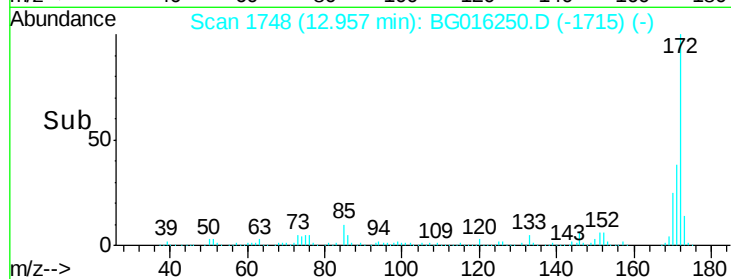
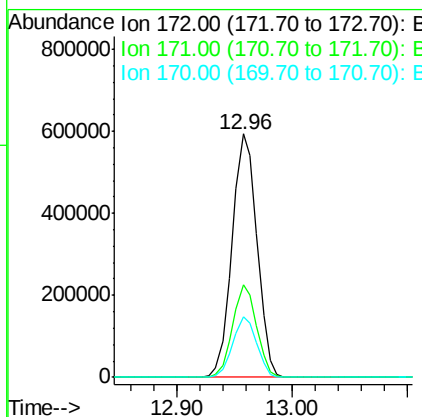
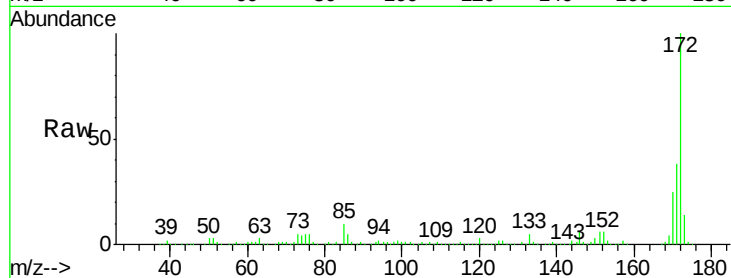




#44
 2-Fluorobiphenyl
 Concen: 81.55 ng
 RT: 12.96 min Scan# 1748
 Delta R.T. -0.01 min
 Lab File: BG016250.D
 Acq: 7 Apr 2015 11:22

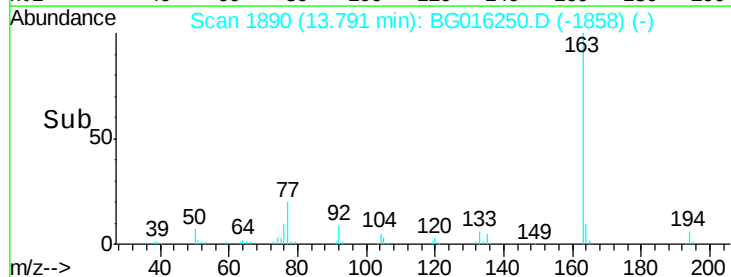
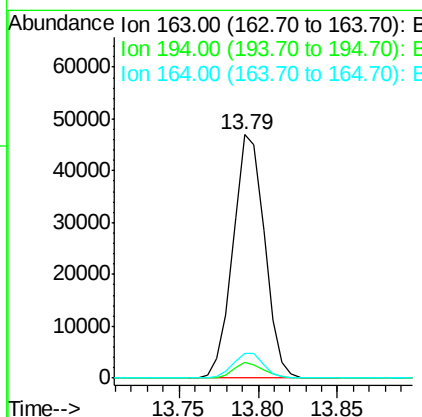
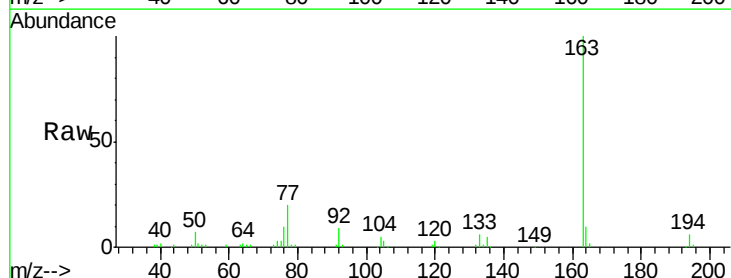
Instrument :
 BNA_G
 ClientSampleId :
 SB-5(1-3)

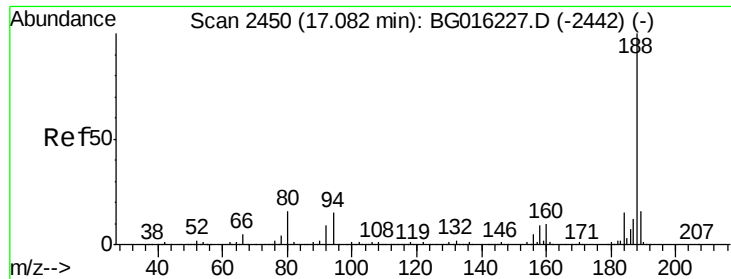
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.6	44.4
170	24.6	19.4	29.2



#49
 Dimethylphthalate
 Concen: 4.79 ng
 RT: 13.79 min Scan# 1890
 Delta R.T. -0.01 min
 Lab File: BG016250.D
 Acq: 7 Apr 2015 11:22

Tgt Ion	Ratio	Lower	Upper
163	100		
194	6.4	5.0	7.4
164	10.3	8.2	12.4

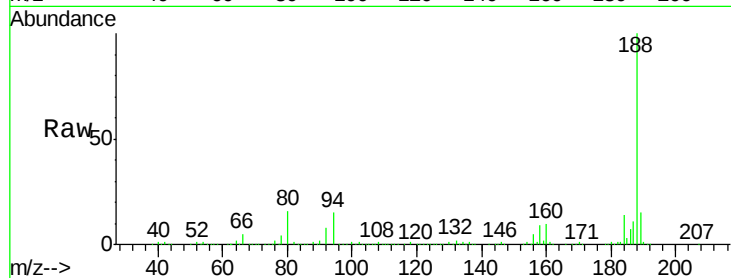




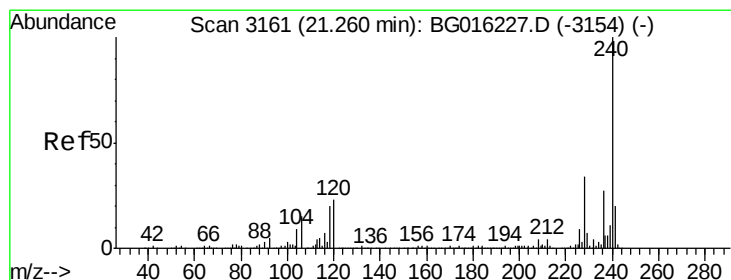
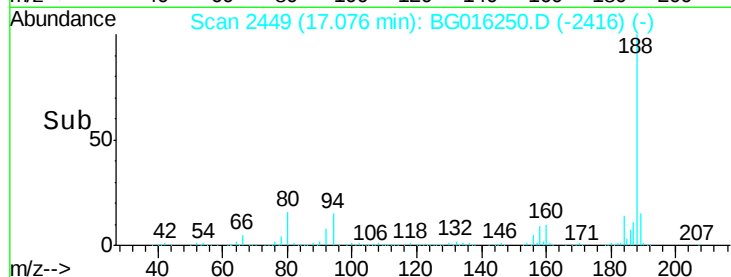
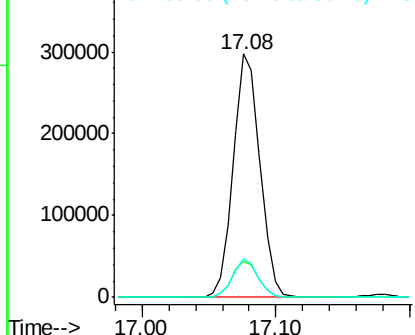
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.08 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG016250.D
Acq: 7 Apr 2015 11:22

Instrument :
BNA_G
ClientSampleId :
SB-5(1-3)

Tgt Ion:188 Resp: 412659
Ion Ratio Lower Upper
188 100
94 15.1 12.2 18.4
80 16.1 12.8 19.2

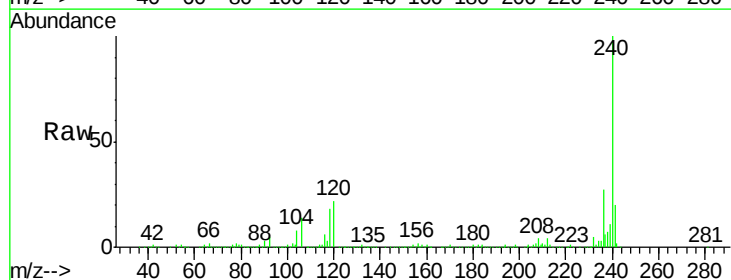


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

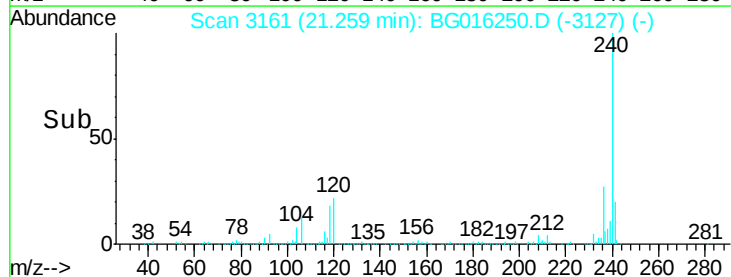
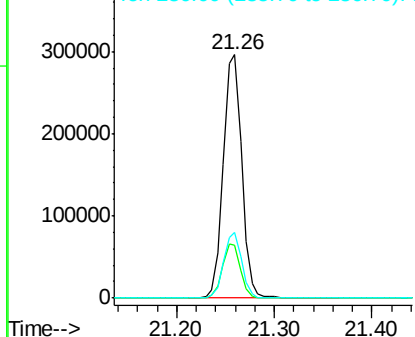


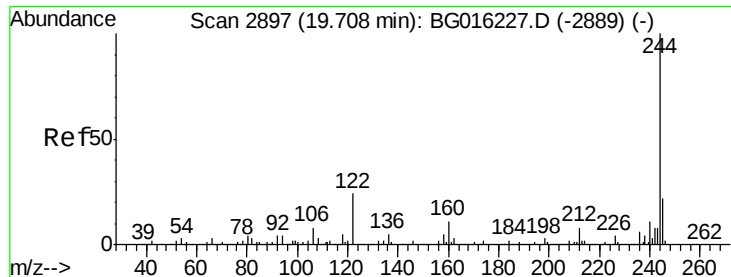
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.26 min Scan# 3161
Delta R.T. -0.00 min
Lab File: BG016250.D
Acq: 7 Apr 2015 11:22

Tgt Ion:240 Resp: 390042
Ion Ratio Lower Upper
240 100
120 21.9 18.6 28.0
236 27.1 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: 70.26 ng

RT: 19.71 min Scan# 2897

Delta R.T. -0.00 min

Lab File: BG016250.D

Acq: 7 Apr 2015 11:22

Instrument :

BNA_G

ClientSampleId :

SB-5(1-3)

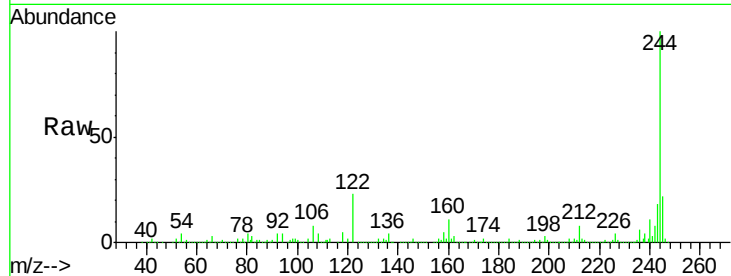
Tgt Ion:244 Resp: 1170875

Ion Ratio Lower Upper

244 100

212 8.4 6.6 9.8

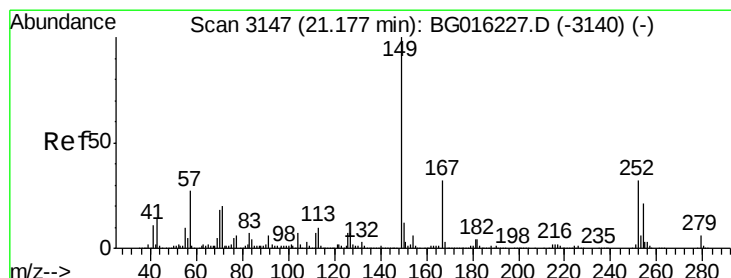
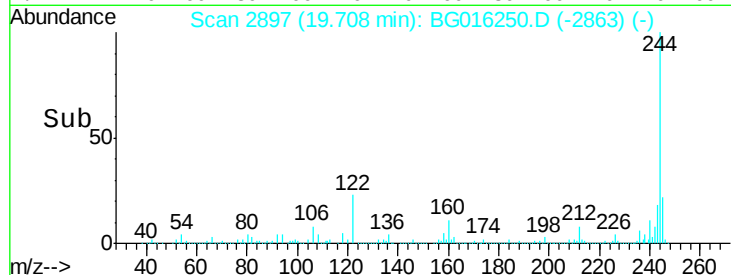
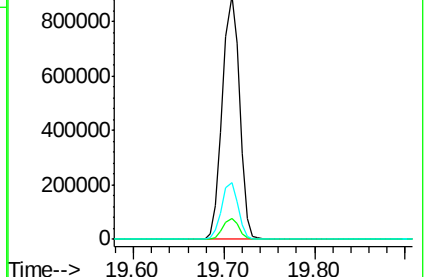
122 23.4 19.1 28.7



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 5.20 ng

RT: 21.17 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG016250.D

Acq: 7 Apr 2015 11:22

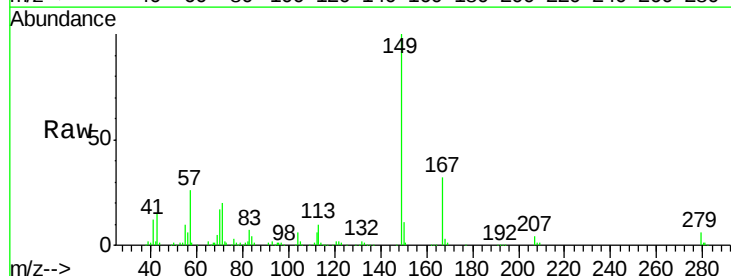
Tgt Ion:149 Resp: 93959

Ion Ratio Lower Upper

149 100

167 31.8 25.8 38.6

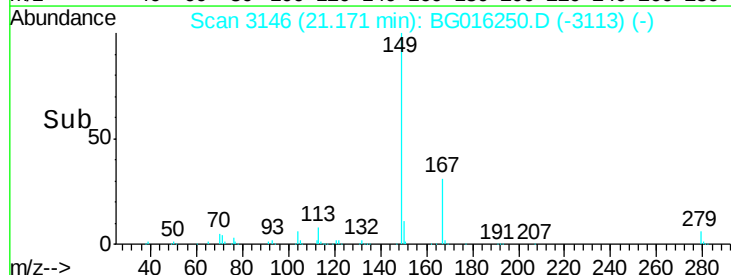
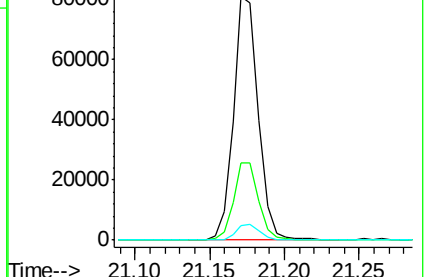
279 5.7 4.7 7.1

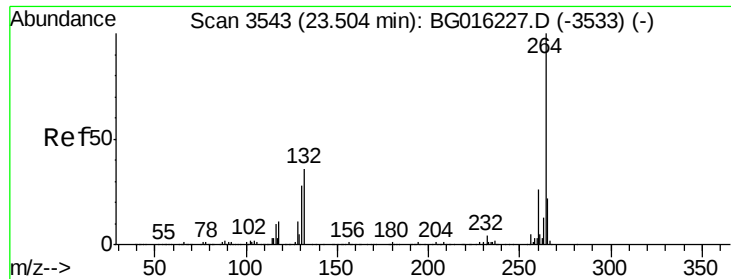


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.50 min Scan# 3543
Delta R.T. -0.00 min
Lab File: BG016250.D
Acq: 7 Apr 2015 11:22

Instrument :
BNA_G
ClientSampleId :
SB-5(1-3)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.4	30.6
265	21.8	17.2	25.8

