

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061315\
 Data File : BM001686.D
 Acq On : 13 Jun 2015 01:10
 Operator : TP/IZ
 Sample : PB83987BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB83987BL

Quant Time: Jun 13 02:15:38 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM061315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 13 02:11:48 2015
 Response via : Initial Calibration

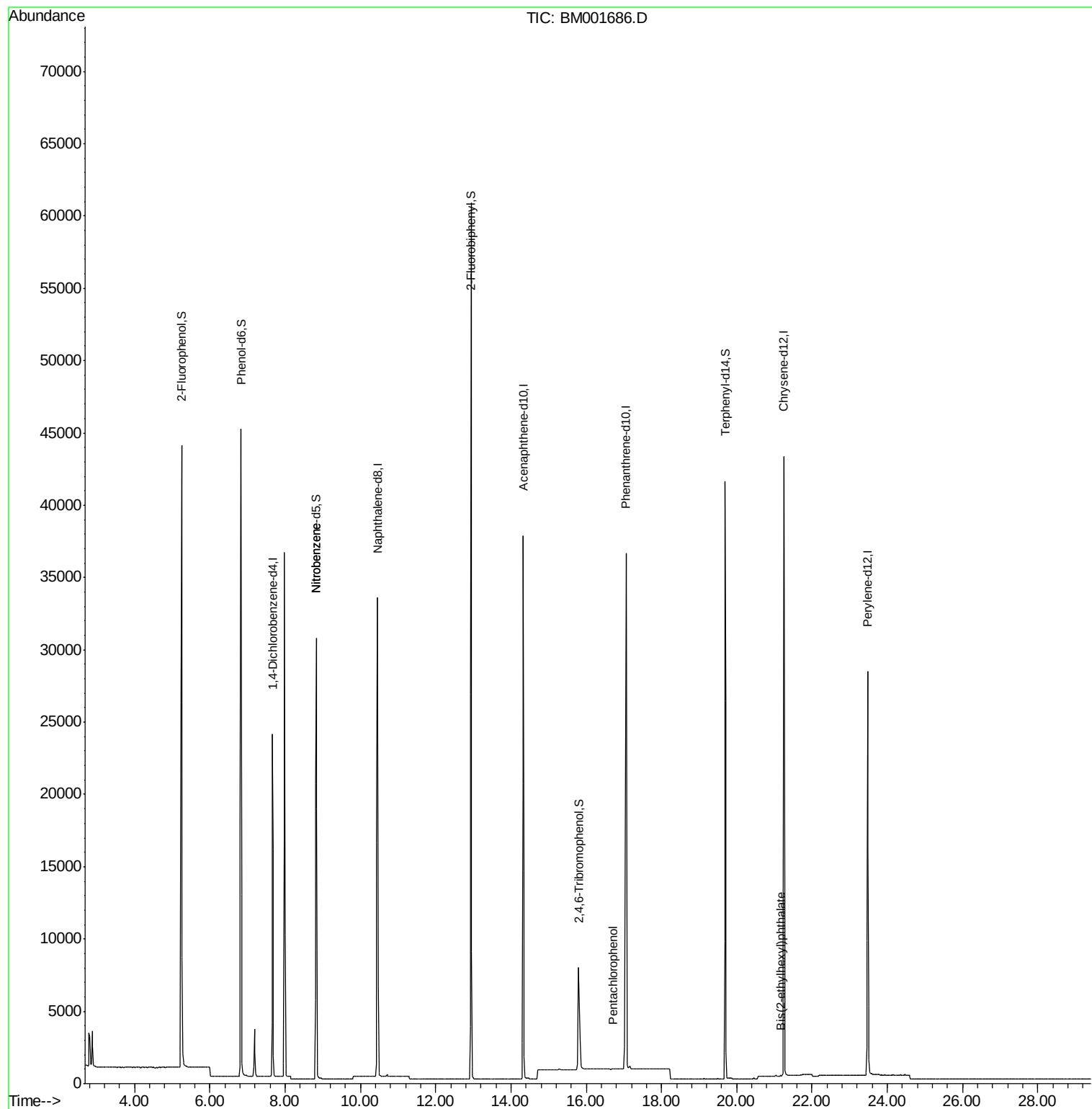
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	12605	5.00	ng	0.00
6) Naphthalene-d8	10.46	136	45365	5.00	ng	0.00
12) Acenaphthene-d10	14.32	164	21700	5.00	ng	0.00
18) Phenanthrene-d10	17.06	188	69753	5.00	ng	0.00
25) Chrysene-d12	21.25	240	39583	5.00	ng	0.00
32) Perylene-d12	23.48	264	36330	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	34254	11.27	ng	0.00
5) Phenol-d6	6.83	99	43749	11.42	ng	0.00
7) Nitrobenzene-d5	8.83	82	25558	7.14	ng	0.00
13) 2,4,6-Tribromophenol	15.80	330	5774	11.38	ng	0.00
14) 2-Fluorobiphenyl	12.94	172	57005	7.40	ng	0.00
27) Terphenyl-d14	19.70	244	43434	7.34	ng	0.00
Target Compounds						
8) Nitrobenzene	8.83	77	101	0.03	ng	# 33
21) Pentachlorophenol	16.72	266	12	0.32	ng	# 59
22) Phenanthrene	17.09	178	63	Below Cal		# 76
30) Bis(2-ethylhexyl)phthalate	21.16	149	182	0.28	ng	# 73

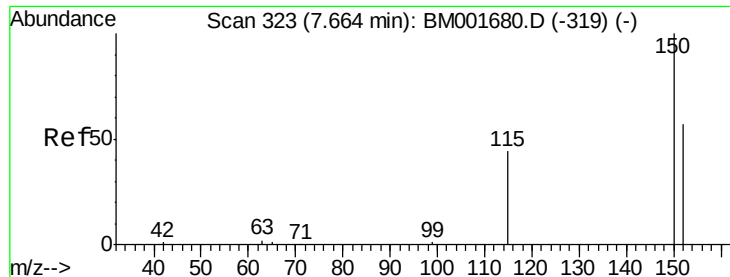
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.66 min Scan# 323

Delta R.T. -0.00 min

Lab File: BM001686.D

Acq: 13 Jun 2015 01:10

Instrument :

BNA_M

ClientSampleId :

PB83987BL

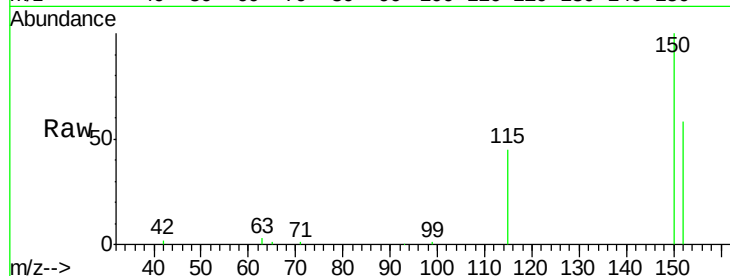
Tgt Ion:152 Resp: 12605

Ion Ratio Lower Upper

152 100

150 172.5 139.6 209.4

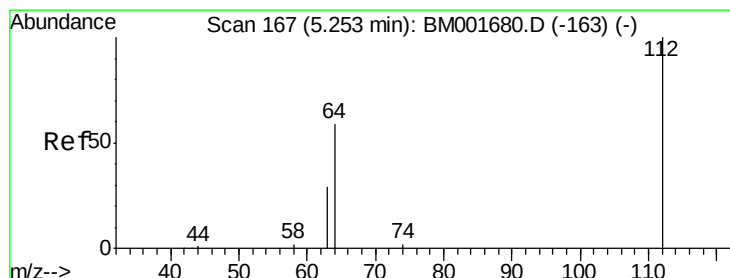
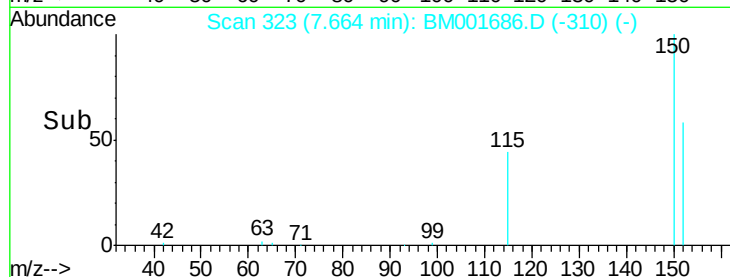
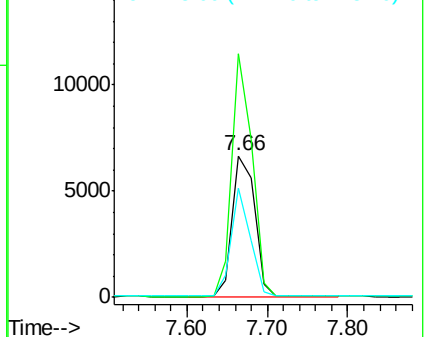
115 77.1 62.5 93.7



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



#4

2-Fluorophenol

Concen: 11.27 ng

RT: 5.25 min Scan# 167

Delta R.T. -0.00 min

Lab File: BM001686.D

Acq: 13 Jun 2015 01:10

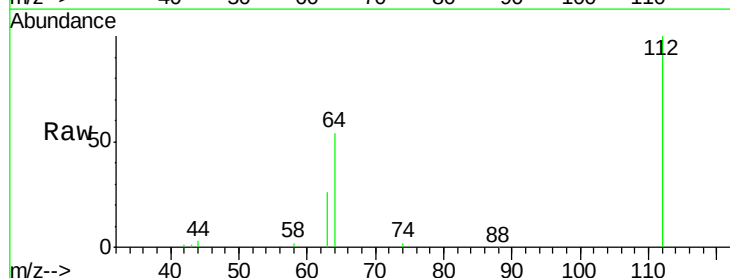
Tgt Ion:112 Resp: 34254

Ion Ratio Lower Upper

112 100

64 68.0 54.9 82.3

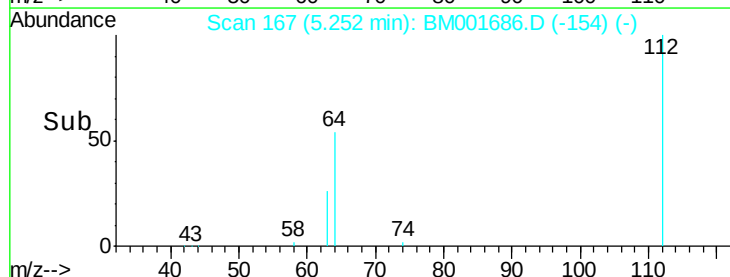
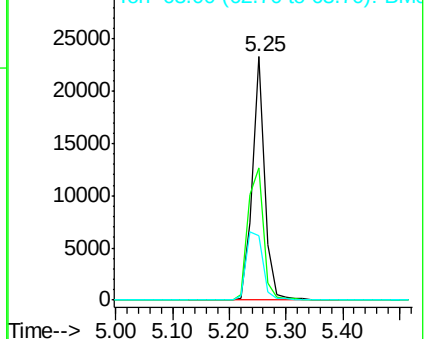
63 37.8 30.5 45.7

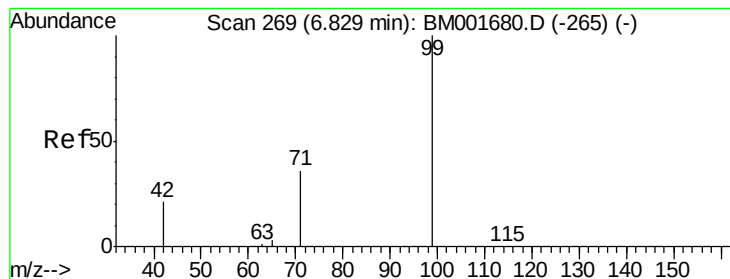


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#5

Phenol-d6

Concen: 11.42 ng

RT: 6.83 min Scan# 269

Delta R.T. -0.00 min

Lab File: BM001686.D

Acq: 13 Jun 2015 01:10

Instrument :

BNA_M

ClientSampleId :

PB83987BL

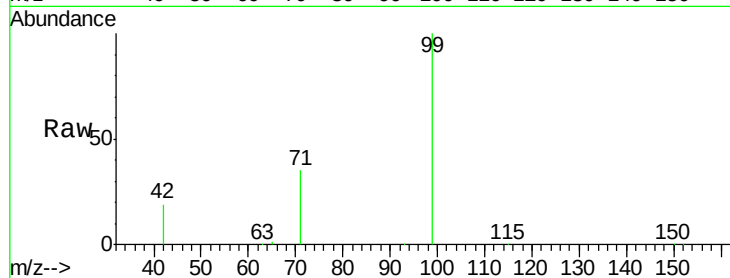
Tgt Ion: 99 Resp: 43749

Ion Ratio Lower Upper

99 100

42 25.9 21.0 31.6

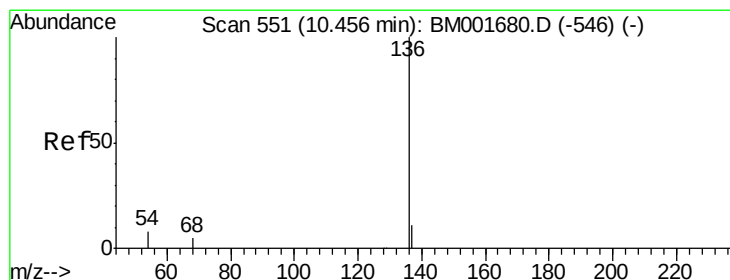
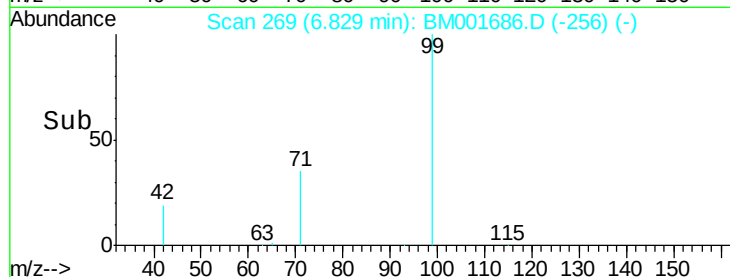
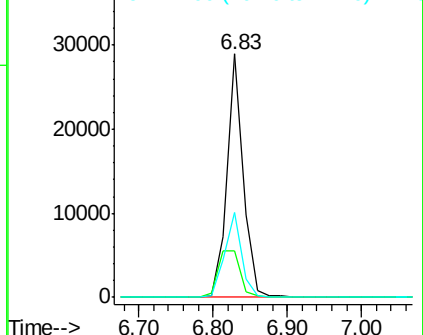
71 36.1 28.7 43.1



Abundance Ion 99.00 (98.70 to 99.70): BM001686.D (-256) (-)

Ion 42.00 (41.70 to 42.70): BM001686.D (-256) (-)

Ion 71.00 (70.70 to 71.70): BM001686.D (-256) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.46 min Scan# 551

Delta R.T. -0.00 min

Lab File: BM001686.D

Acq: 13 Jun 2015 01:10

Tgt Ion: 136 Resp: 45365

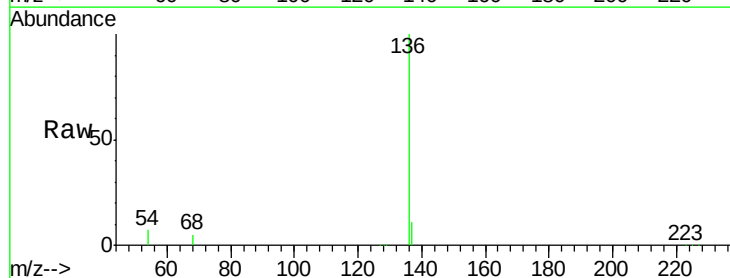
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.4 6.2 9.4

68 4.8 3.9 5.9

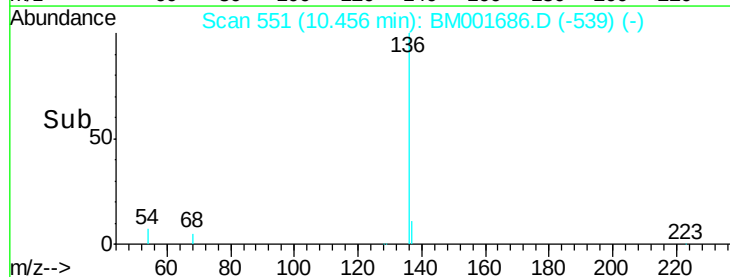
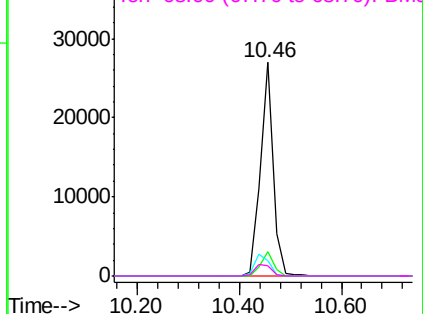


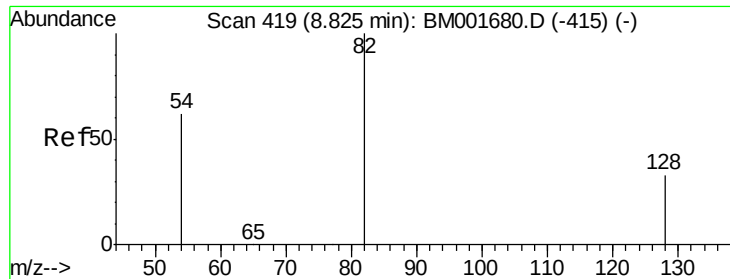
Abundance Ion 136.00 (135.70 to 136.70): BM001686.D (-539) (-)

Ion 137.00 (136.70 to 137.70): BM001686.D (-539) (-)

Ion 54.00 (53.70 to 54.70): BM001686.D (-539) (-)

Ion 68.00 (67.70 to 68.70): BM001686.D (-539) (-)





#7

Nitrobenzene-d5

Concen: 7.14 ng

RT: 8.83 min Scan# 419

Delta R.T. -0.00 min

Lab File: BM001686.D

Acq: 13 Jun 2015 01:10

Instrument :

BNA_M

ClientSampleId :

PB83987BL

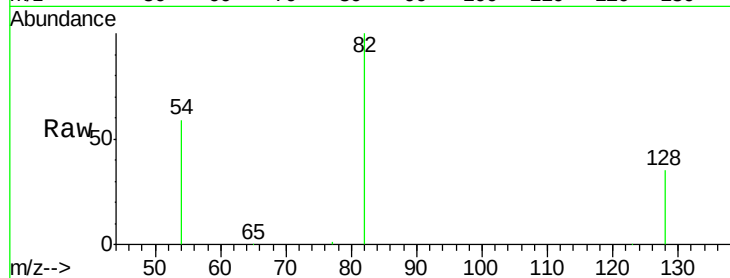
Tgt Ion: 82 Resp: 25558

Ion Ratio Lower Upper

82 100

128 34.9 27.6 41.4

54 58.8 50.1 75.1

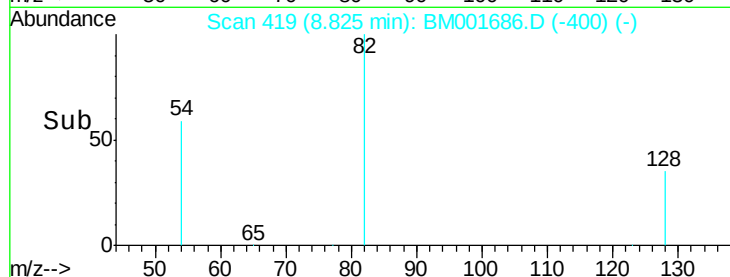


Abundance Ion 82.00 (81.70 to 82.70): BM001686.D (-415) (-)

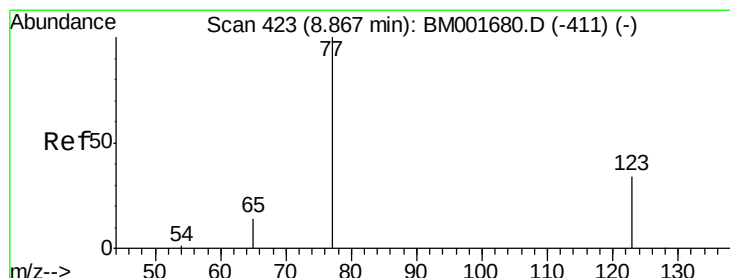
Ion 128.00 (127.70 to 128.70): BM001686.D (-415) (-)

Ion 54.00 (53.70 to 54.70): BM001686.D (-415) (-)

Time-->



Time-->



#8

Nitrobenzene

Concen: 0.03 ng

RT: 8.83 min Scan# 419

Delta R.T. -0.04 min

Lab File: BM001686.D

Acq: 13 Jun 2015 01:10

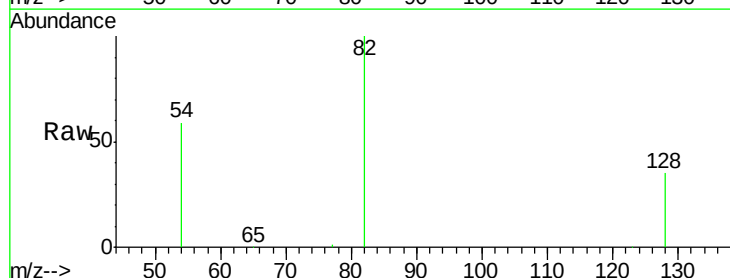
Tgt Ion: 77 Resp: 101

Ion Ratio Lower Upper

77 100

123 0.0 30.6 46.0#

65 46.5 11.5 17.3#

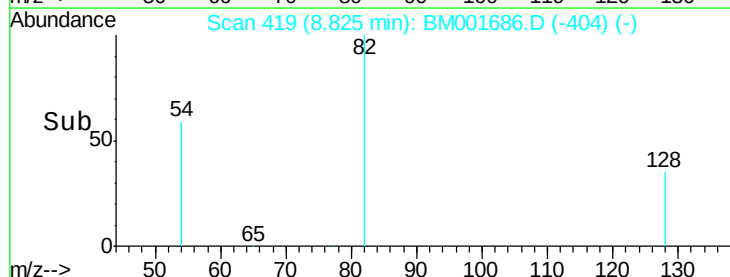


Abundance Ion 77.00 (76.70 to 77.70): BM001686.D (-411) (-)

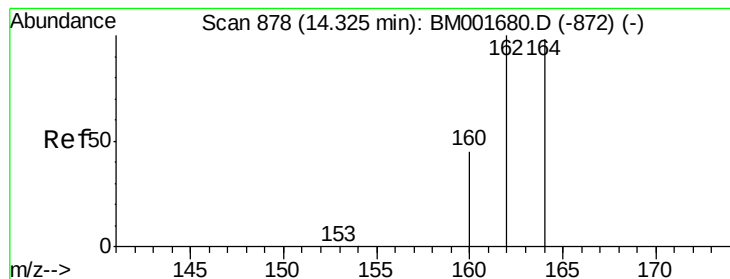
Ion 123.00 (122.70 to 123.70): BM001686.D (-411) (-)

Ion 65.00 (64.70 to 65.70): BM001686.D (-411) (-)

Time-->



Time-->



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.32 min Scan# 878

Delta R.T. -0.00 min

Lab File: BM001686.D

Acq: 13 Jun 2015 01:10

Instrument :

BNA_M

ClientSampleId :

PB83987BL

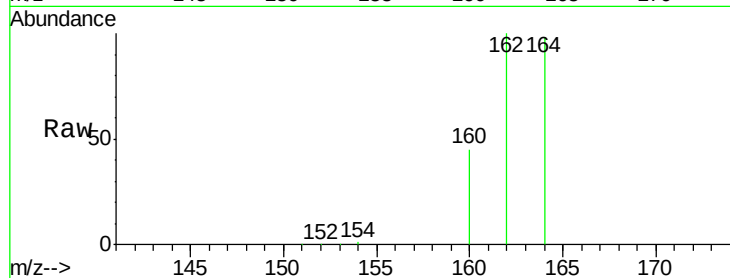
Tgt Ion:164 Resp: 21700

Ion Ratio Lower Upper

164 100

162 102.5 82.0 123.0

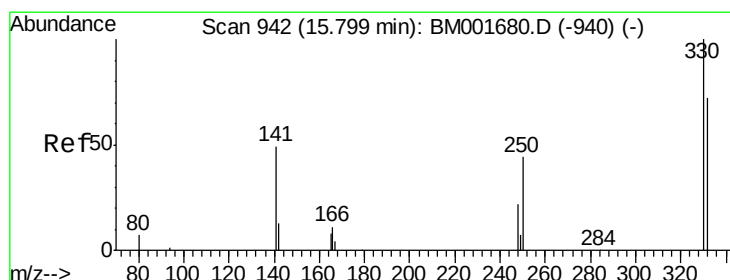
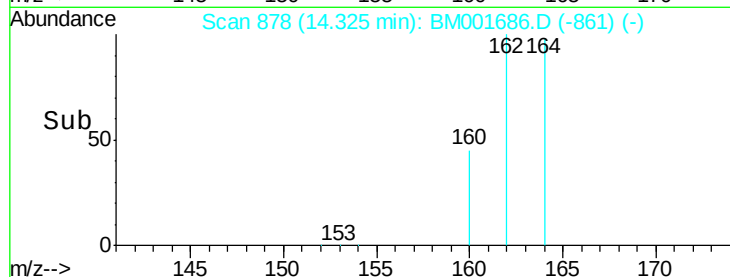
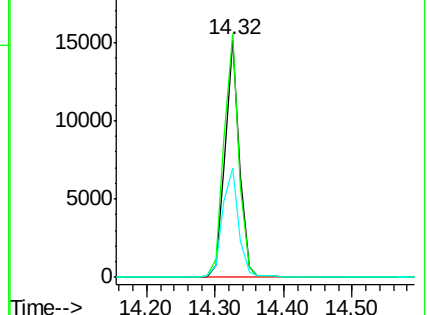
160 45.9 36.6 55.0



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



#13

2,4,6-Tribromophenol

Concen: 11.38 ng

RT: 15.80 min Scan# 942

Delta R.T. 0.00 min

Lab File: BM001686.D

Acq: 13 Jun 2015 01:10

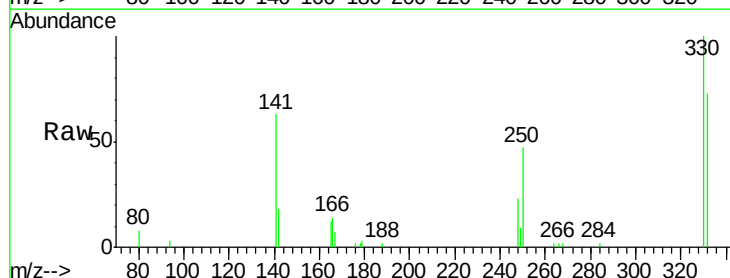
Tgt Ion:330 Resp: 5774

Ion Ratio Lower Upper

330 100

332 87.2 68.6 103.0

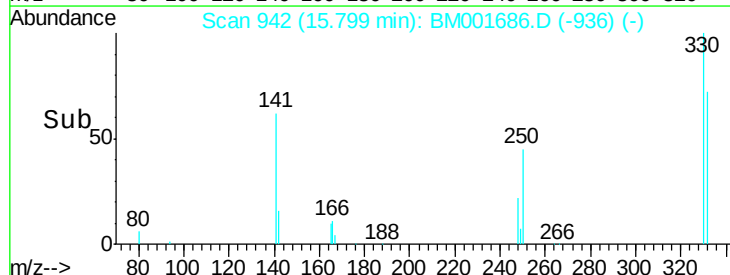
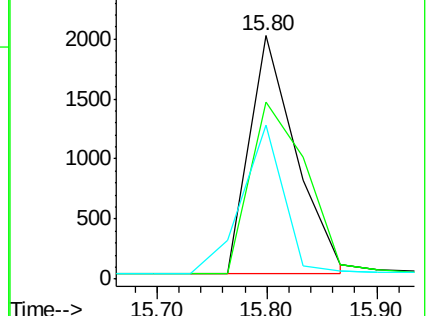
141 55.6 39.0 58.4

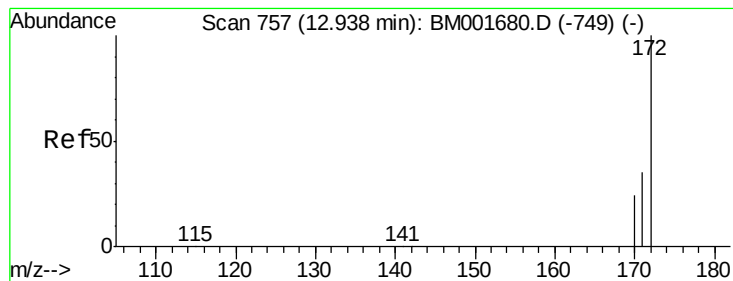


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

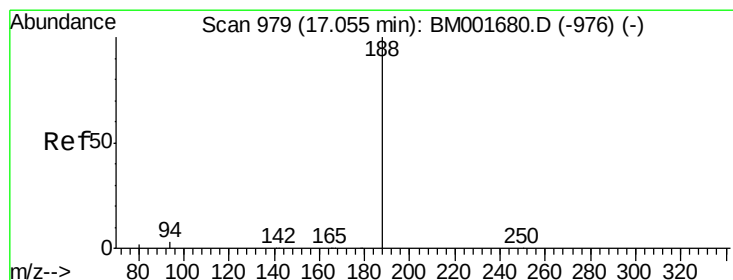
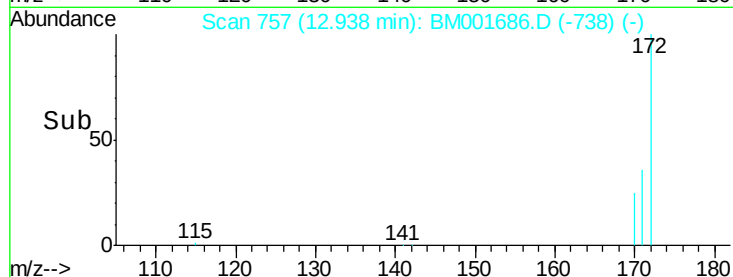
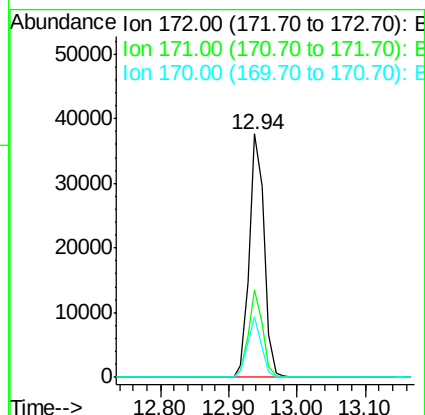
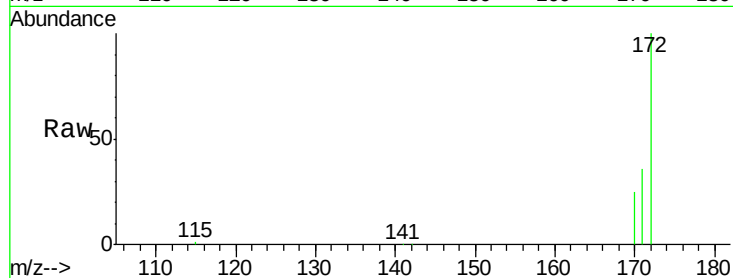




#14
2-Fluorobiphenyl
Concen: 7.40 ng
RT: 12.94 min Scan# 757
Delta R.T. -0.00 min
Lab File: BM001686.D
Acq: 13 Jun 2015 01:10

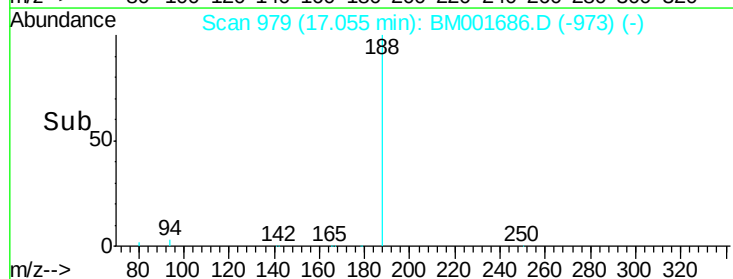
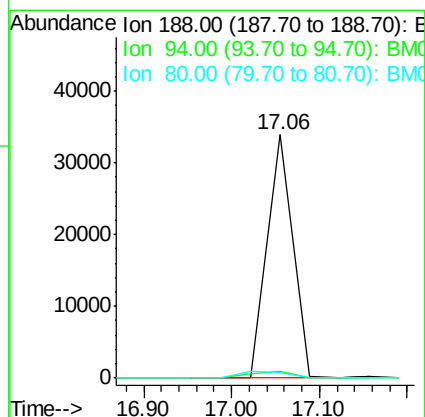
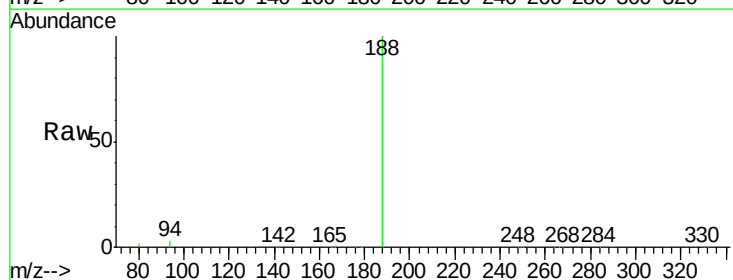
Instrument :
BNA_M
ClientSampleId :
PB83987BL

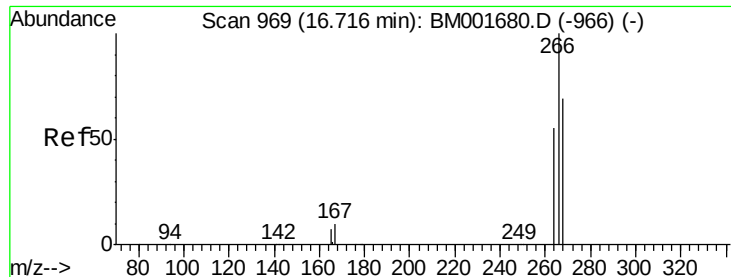
Tgt Ion:172 Resp: 57005
Ion Ratio Lower Upper
172 100
171 36.1 28.4 42.6
170 24.7 19.5 29.3



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.06 min Scan# 979
Delta R.T. -0.00 min
Lab File: BM001686.D
Acq: 13 Jun 2015 01:10

Tgt Ion:188 Resp: 69753
Ion Ratio Lower Upper
188 100
94 2.8 2.2 3.2
80 2.5 1.8 2.8

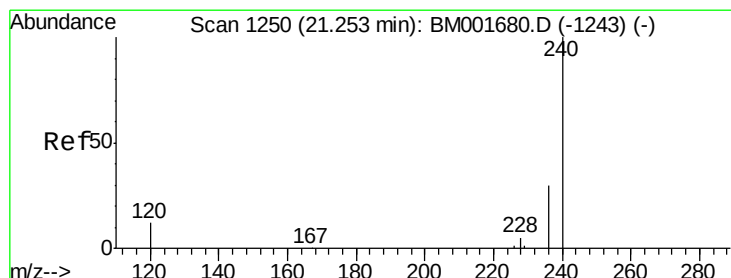
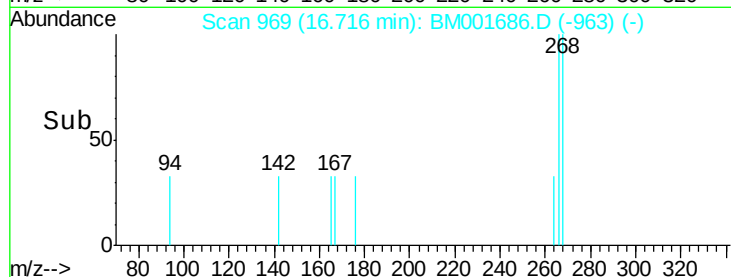
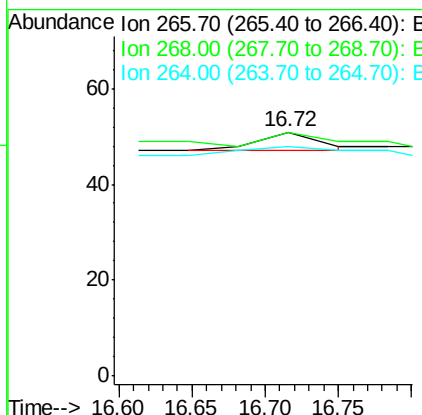
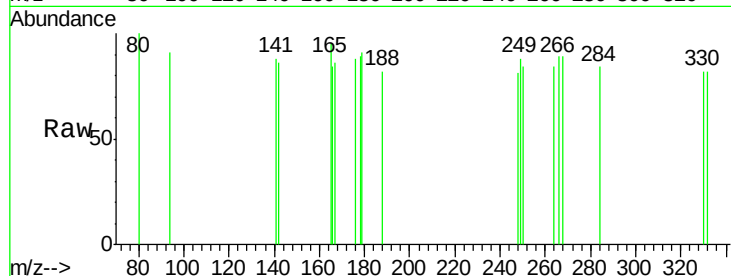




#21
 Pentachlorophenol
 Concen: 0.32 ng
 RT: 16.72 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: BM001686.D
 Acq: 13 Jun 2015 01:10

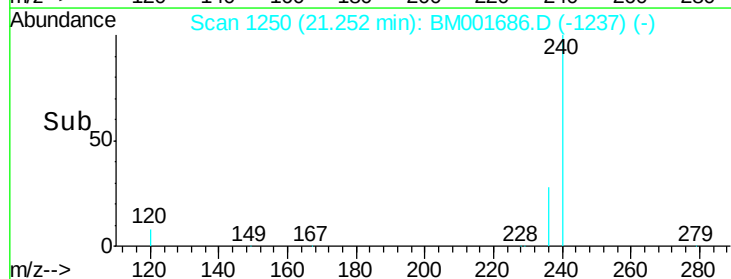
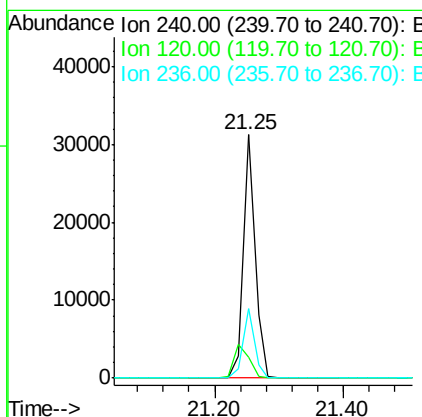
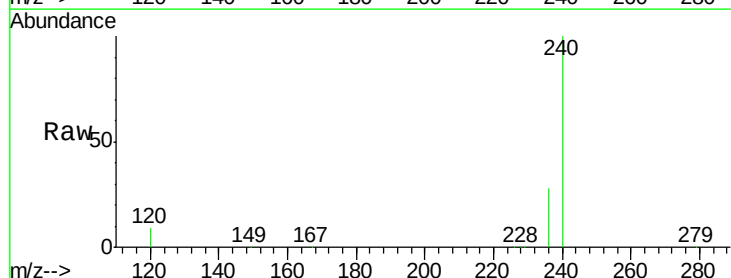
Instrument :
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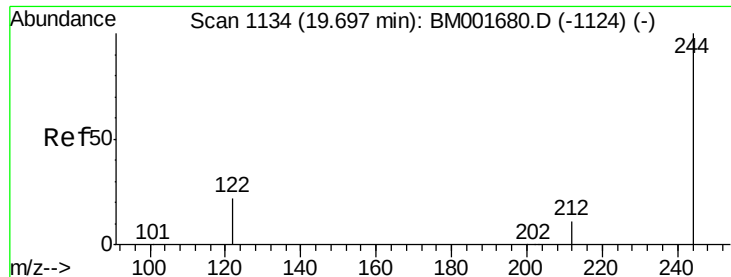
Tgt Ion: 266 Resp: 12
 Ion Ratio Lower Upper
 266 100
 268 100.0 57.2 85.8#
 264 94.1 46.3 69.5#



#25
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.25 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: BM001686.D
 Acq: 13 Jun 2015 01:10

Tgt Ion: 240 Resp: 39583
 Ion Ratio Lower Upper
 240 100
 120 8.6 9.9 14.9#
 236 28.4 23.9 35.9





#27

Terphenyl-d14

Concen: 7.34 ng

RT: 19.70 min Scan# 1134

Delta R.T. -0.00 min

Lab File: BM001686.D

Acq: 13 Jun 2015 01:10

Instrument :

BNA_M

ClientSampleId :

PB83987BL

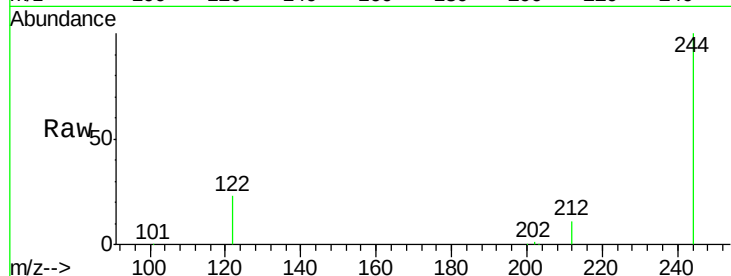
Tgt Ion:244 Resp: 43434

Ion Ratio Lower Upper

244 100

212 11.3 9.6 14.4

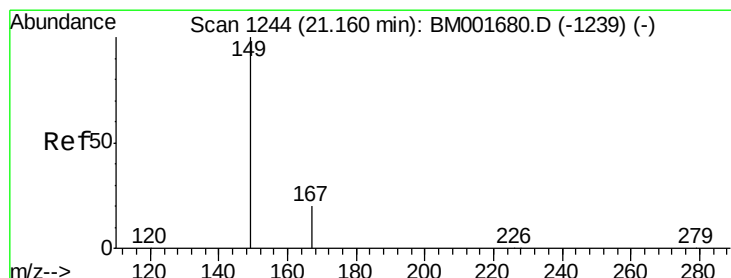
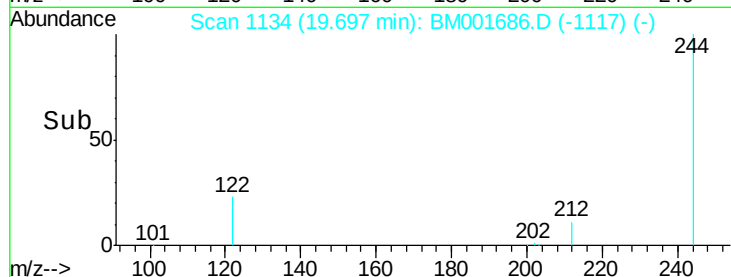
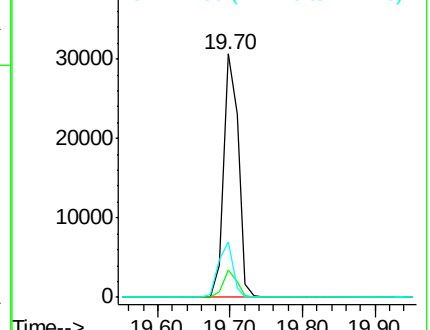
122 23.0 18.4 27.6



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



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.28 ng

RT: 21.16 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BM001686.D

Acq: 13 Jun 2015 01:10

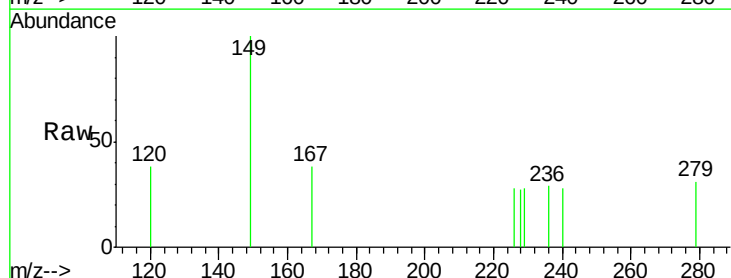
Tgt Ion:149 Resp: 182

Ion Ratio Lower Upper

149 100

167 11.0 20.4 30.6#

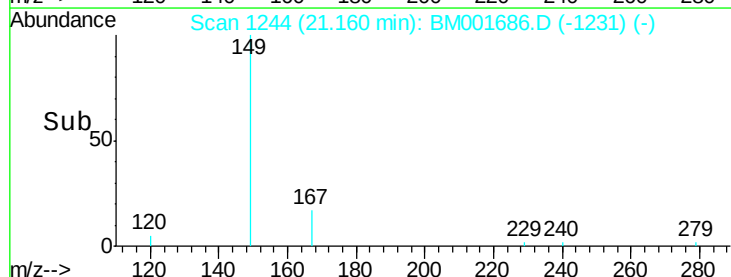
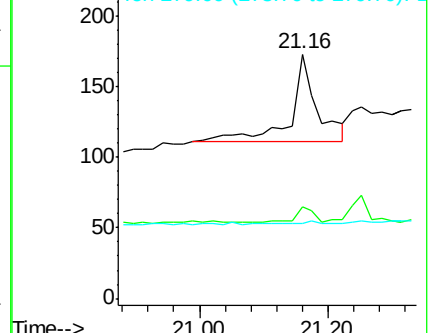
279 1.1 1.7 2.5#

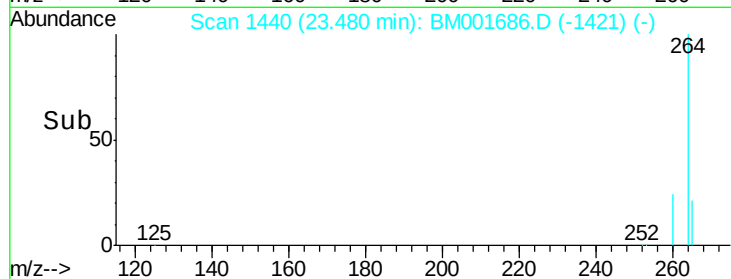
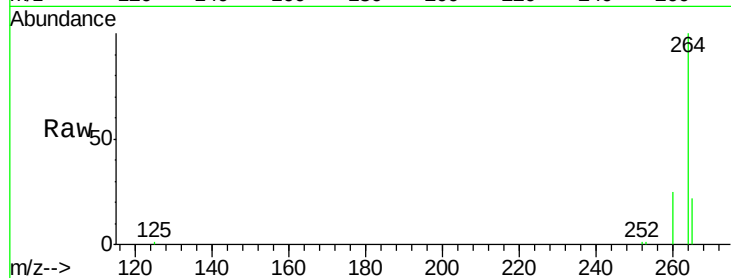
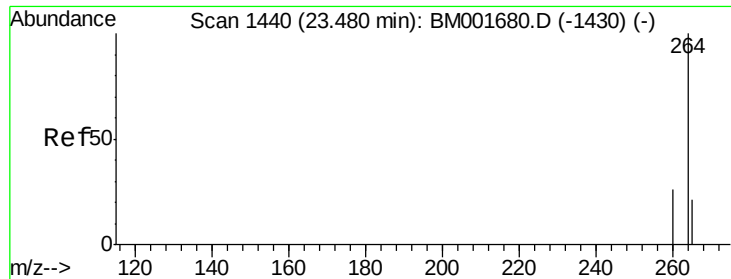


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#32

Perylene-d12

Concen: 5.00 ng

RT: 23.48 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BM001686.D

Acq: 13 Jun 2015 01:10

Instrument :

BNA_M

ClientSampleId :

PB83987BL

Tgt Ion: 264 Resp: 36330

Ion Ratio Lower Upper

264 100

260 24.7 20.8 31.2

265 22.4 17.3 25.9

