

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051615\
 Data File : BM001306.D
 Acq On : 14 May 2015 23:45
 Operator : TP/IZ
 Sample : PB83363BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB83363BL

Quant Time: May 15 05:33:23 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 05:14:53 2015
 Response via : Initial Calibration

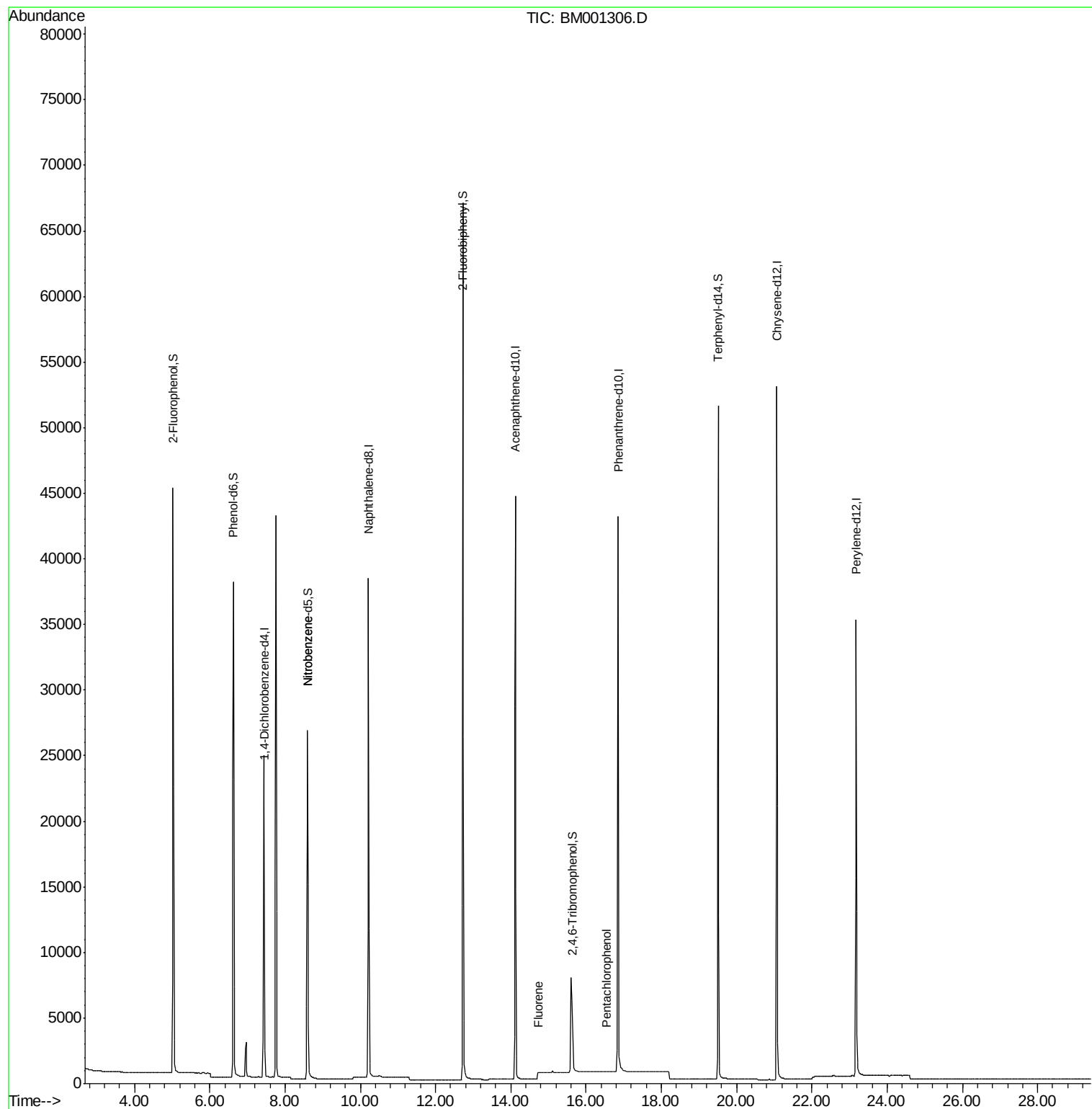
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	14539	5.00	ng	0.00
6) Naphthalene-d8	10.22	136	51033	5.00	ng	0.00
12) Acenaphthene-d10	14.12	164	26546	5.00	ng	0.00
18) Phenanthrene-d10	16.85	188	76431	5.00	ng	0.00
24) Chrysene-d12	21.07	240	46268	5.00	ng	-0.01
30) Perylene-d12	23.17	264	44673	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.02	112	35042	12.37	ng	-0.02
5) Phenol-d6	6.63	99	41217	12.90	ng	0.00
7) Nitrobenzene-d5	8.60	82	23327	7.20	ng	0.00
13) 2,4,6-Tribromophenol	15.63	330	7763	8.53	ng	0.00
14) 2-Fluorobiphenyl	12.73	172	67938	8.24	ng	0.00
26) Terphenyl-d14	19.51	244	50757	8.17	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.32	88	11	Below Cal	#	36
8) Nitrobenzene	8.60	77	88	0.16 ng	#	33
17) Fluorene	14.74	166	471	0.07 ng	#	79
20) Pentachlorophenol	16.55	266	4	0.41 ng	#	68

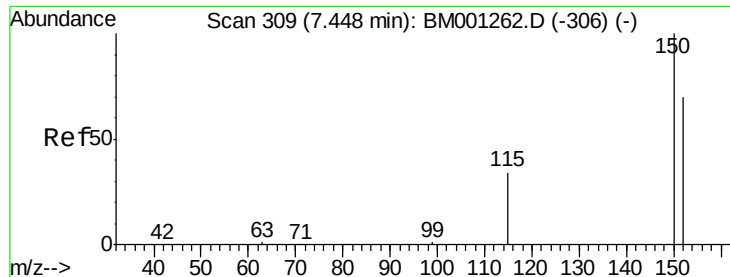
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 15 05:14:53 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.45 min Scan# 309

Delta R.T. -0.00 min

Lab File: BM001306.D

Acq: 14 May 2015 23:45

Instrument :

BNA_M

ClientSampleId :

PB83363BL

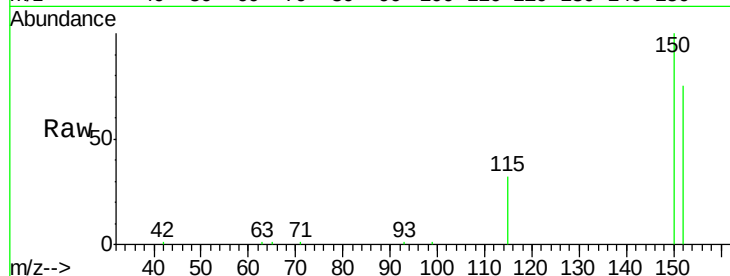
Tgt Ion: 152 Resp: 14539

Ion Ratio Lower Upper

152 100

150 132.5 114.6 172.0

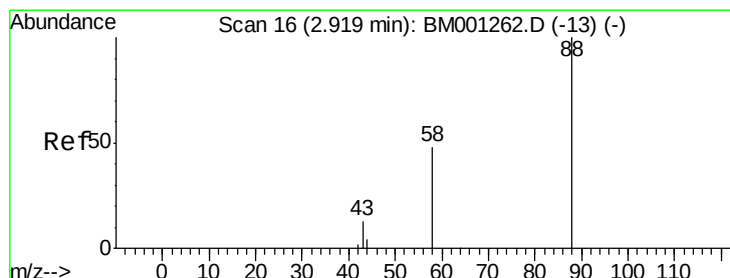
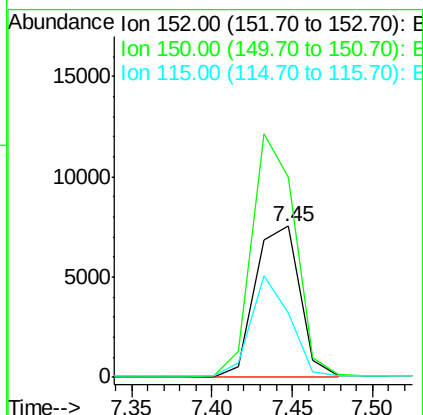
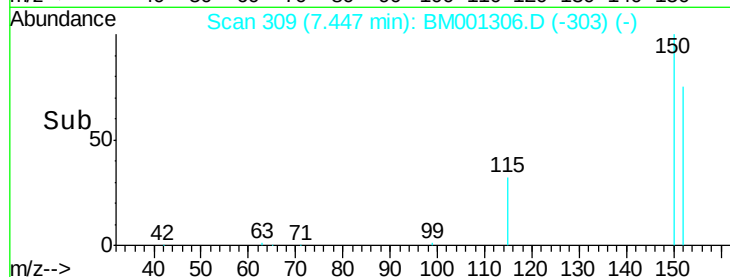
115 42.6 39.3 58.9



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



#2

1,4-Dioxane

Concen: Below Cal

RT: 3.32 min Scan# 42

Delta R.T. 0.40 min

Lab File: BM001306.D

Acq: 14 May 2015 23:45

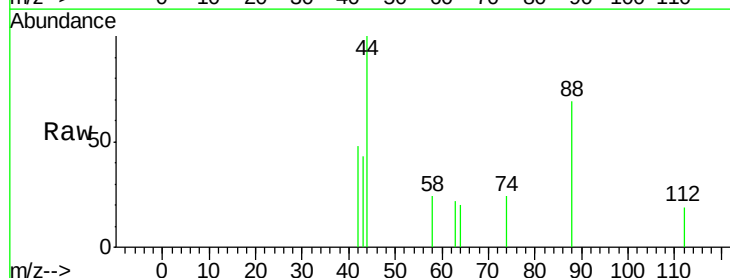
Tgt Ion: 88 Resp: 11

Ion Ratio Lower Upper

88 100

58 0.0 39.0 58.6#

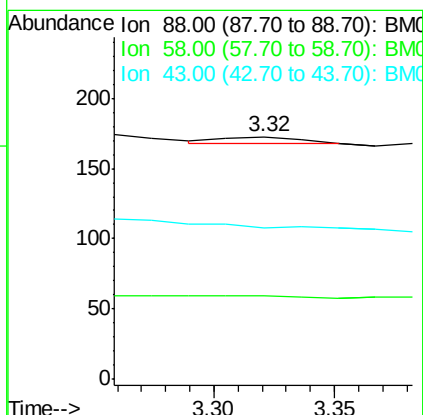
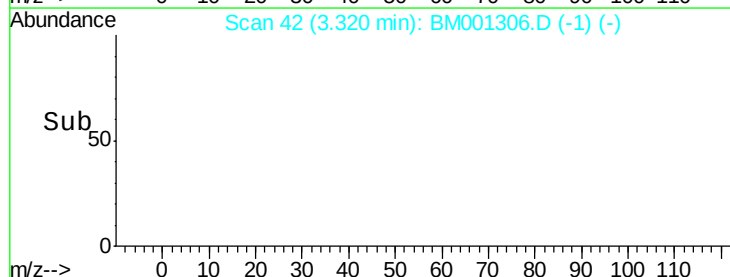
43 0.0 20.2 30.2#

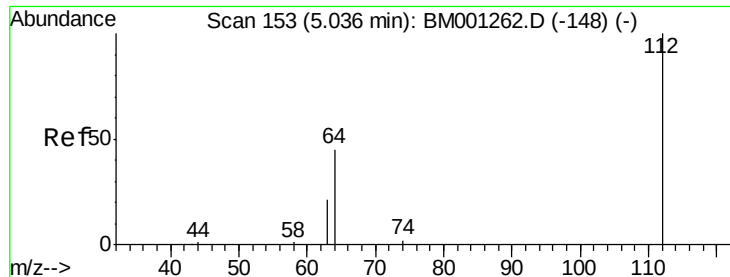


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#4

2-Fluorophenol

Concen: 12.37 ng

RT: 5.02 min Scan# 152

Delta R.T. -0.02 min

Lab File: BM001306.D

Acq: 14 May 2015 23:45

Instrument :

BNA_M

ClientSampleId :

PB83363BL

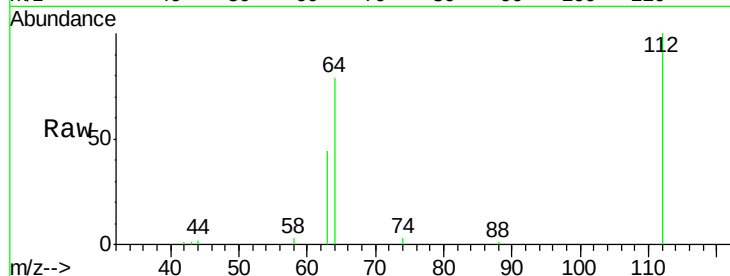
Tgt Ion: 112 Resp: 35042

Ion Ratio Lower Upper

112 100

64 64.0 50.8 76.2

63 35.6 28.2 42.4



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

25000

20000

15000

10000

5000

0

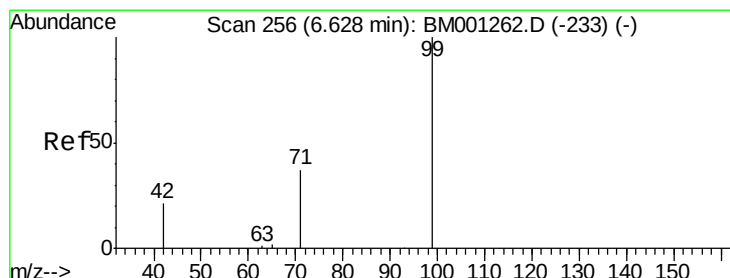
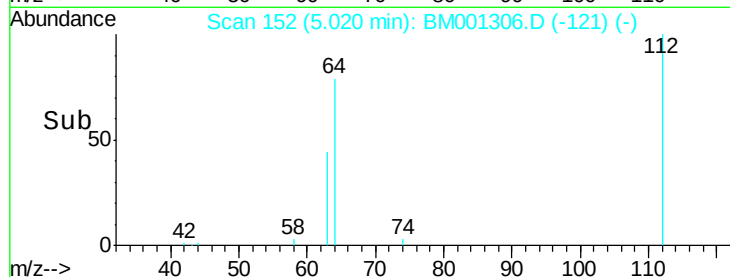
5.02

4.50

5.00

5.50

Time-->



#5

Phenol-d6

Concen: 12.90 ng

RT: 6.63 min Scan# 256

Delta R.T. -0.00 min

Lab File: BM001306.D

Acq: 14 May 2015 23:45

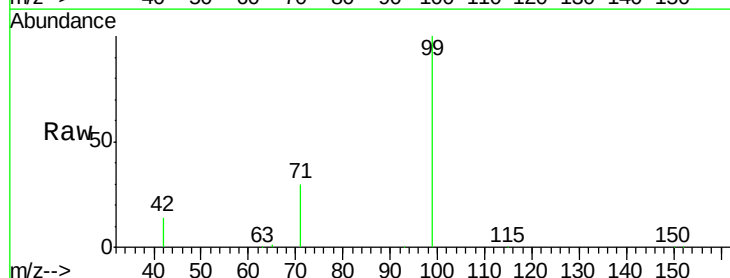
Tgt Ion: 99 Resp: 41217

Ion Ratio Lower Upper

99 100

42 24.7 19.9 29.9

71 35.4 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 71.00 (70.70 to 71.70): BM0

30000

20000

10000

0

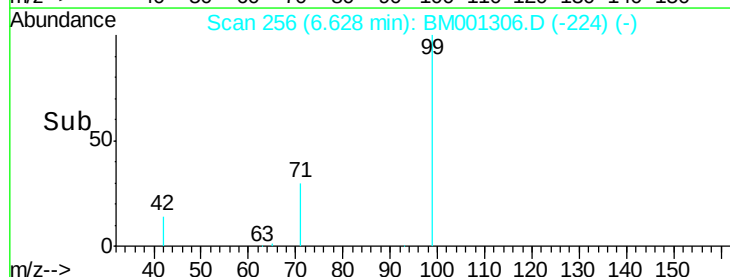
6.63

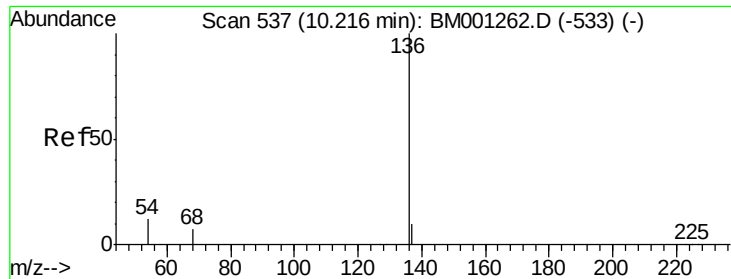
6.00

6.50

7.00

Time-->





#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.22 min Scan# 537

Delta R.T. -0.00 min

Lab File: BM001306.D

Acq: 14 May 2015 23:45

Instrument :

BNA_M

ClientSampleId :

PB83363BL

Tgt Ion:136 Resp: 51033

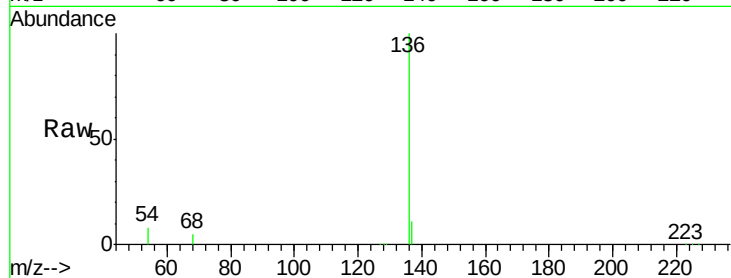
Ion Ratio Lower Upper

136 100

137 10.7 8.2 12.4

54 8.5 9.5 14.3#

68 5.2 5.5 8.3#

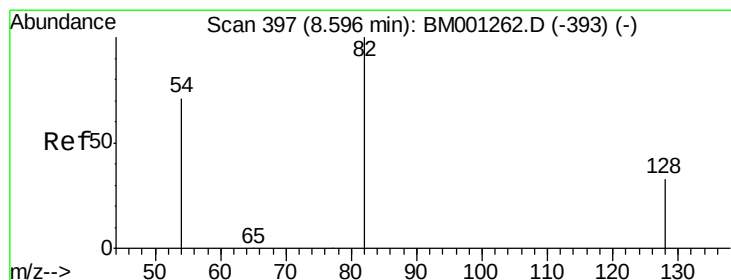
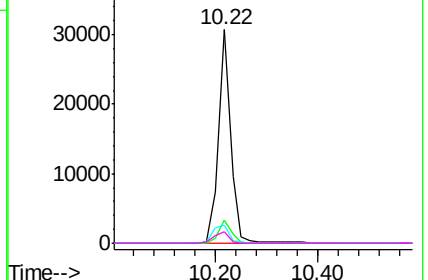
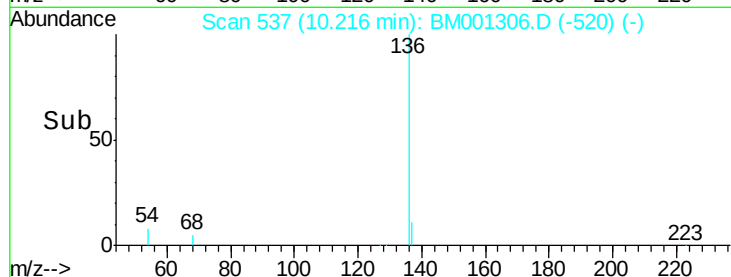


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#7

Nitrobenzene-d5

Concen: 7.20 ng

RT: 8.60 min Scan# 397

Delta R.T. -0.00 min

Lab File: BM001306.D

Acq: 14 May 2015 23:45

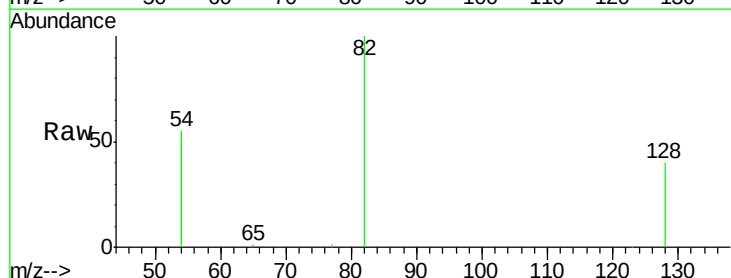
Tgt Ion: 82 Resp: 23327

Ion Ratio Lower Upper

82 100

128 39.9 28.0 42.0

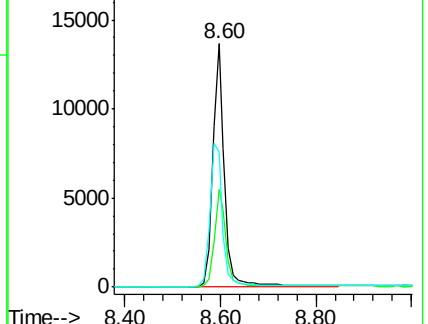
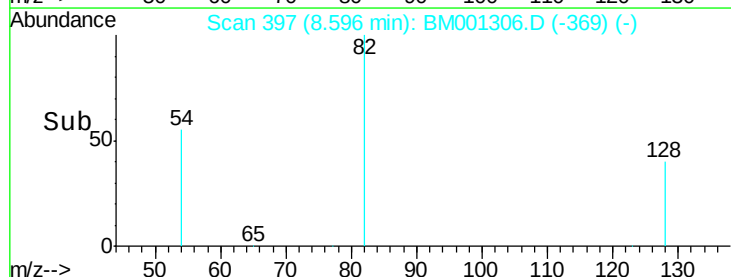
54 55.4 57.3 85.9#

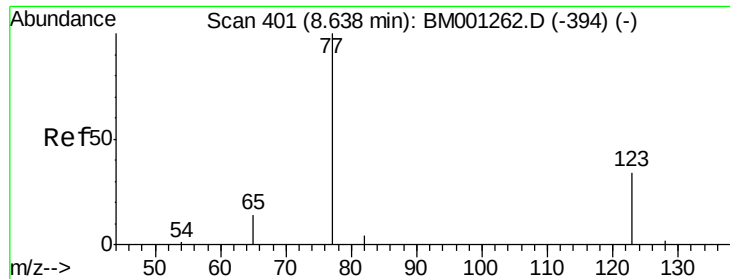


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#8

Nitrobenzene

Concen: 0.16 ng

RT: 8.60 min Scan# 397

Delta R.T. -0.04 min

Lab File: BM001306.D

Acq: 14 May 2015 23:45

Instrument :

BNA_M

ClientSampled :

PB83363BL

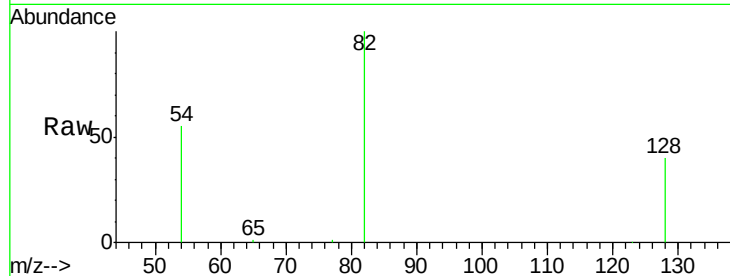
Tgt Ion: 77 Resp: 88

Ion Ratio Lower Upper

77 100

123 0.0 33.4 50.2#

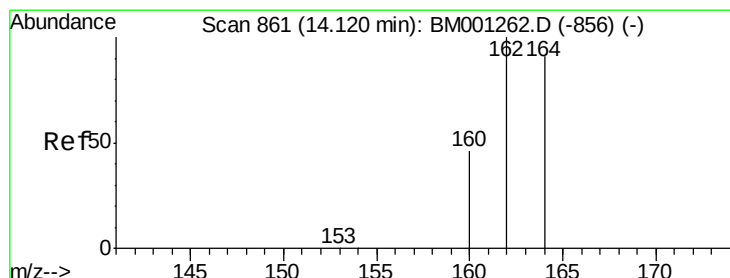
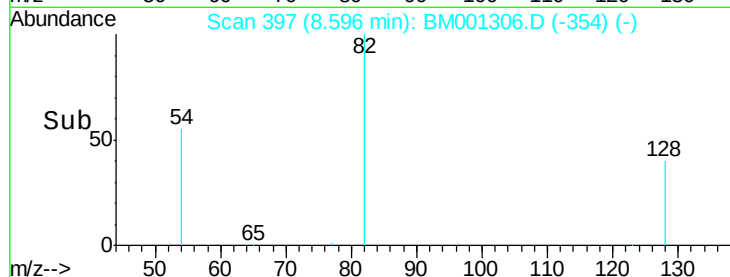
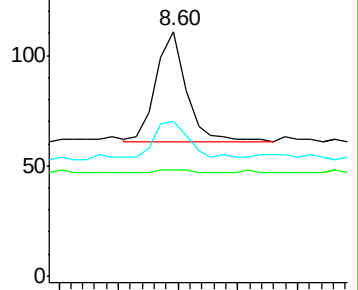
65 40.9 10.6 15.8#



Abundance Ion 77.00 (76.70 to 77.70): BM001262.D (-394) (-)

Ion 123.00 (122.70 to 123.70): BM001262.D (-394) (-)

Ion 65.00 (64.70 to 65.70): BM001262.D (-394) (-)



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.12 min Scan# 861

Delta R.T. -0.00 min

Lab File: BM001306.D

Acq: 14 May 2015 23:45

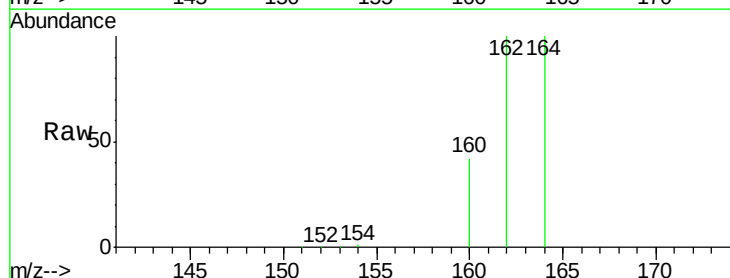
Tgt Ion: 164 Resp: 26546

Ion Ratio Lower Upper

164 100

162 100.0 87.9 131.9

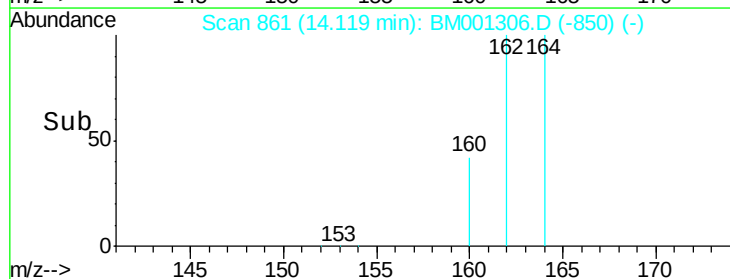
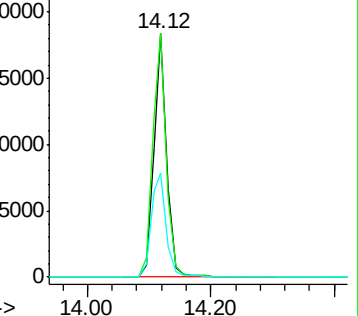
160 42.5 40.9 61.3

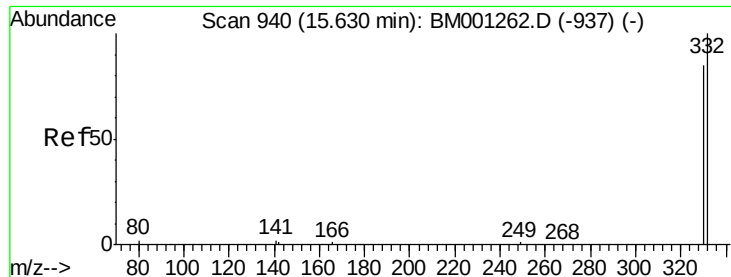


Abundance Ion 164.00 (163.70 to 164.70): BM001262.D (-856) (-)

Ion 162.00 (161.70 to 162.70): BM001262.D (-856) (-)

Ion 160.00 (159.70 to 160.70): BM001262.D (-856) (-)

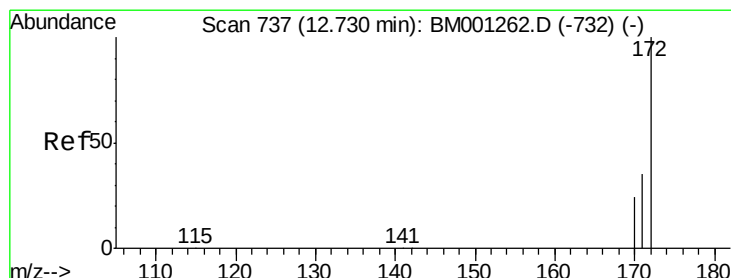
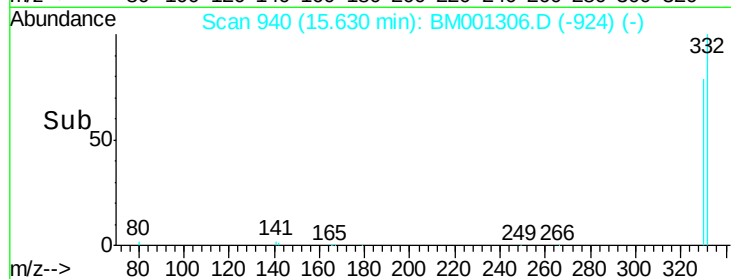
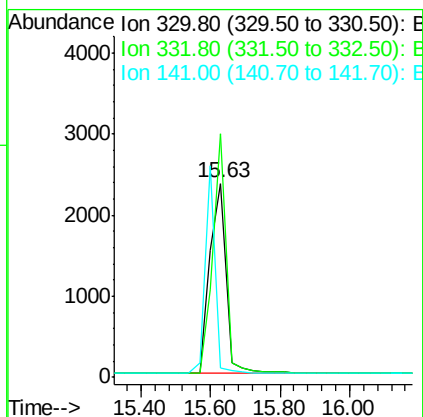
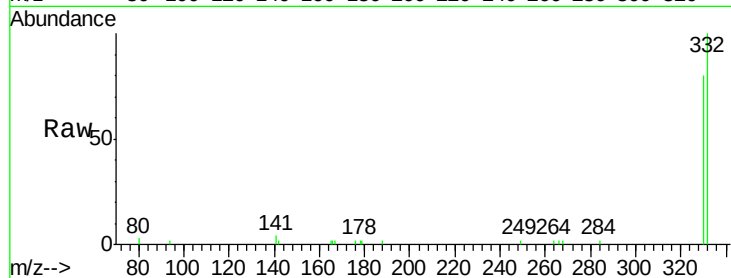




#13
 2,4,6-Tribromophenol
 Concen: 8.53 ng
 RT: 15.63 min Scan# 940
 Delta R.T. -0.00 min
 Lab File: BM001306.D
 Acq: 14 May 2015 23:45

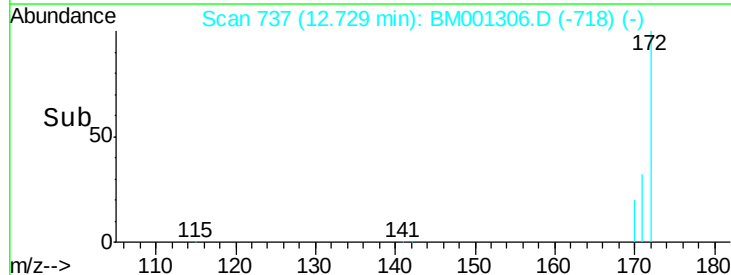
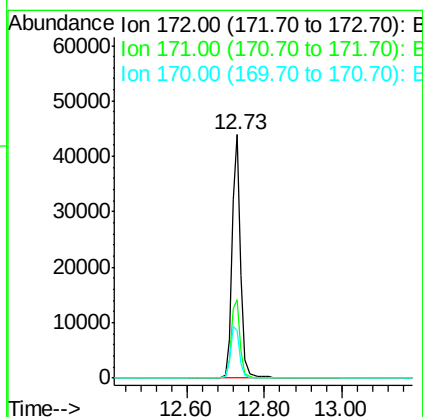
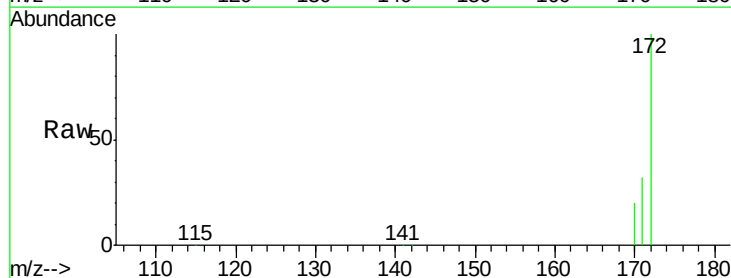
Instrument :
 BNA_M
 ClientSampleId :
 PB83363BL

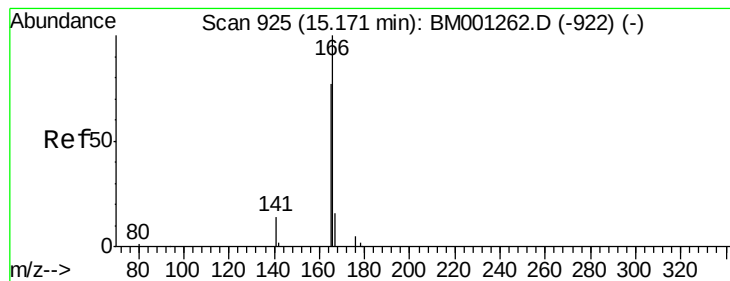
Tgt Ion:330 Resp: 7763
 Ion Ratio Lower Upper
 330 100
 332 102.6 89.0 133.4
 141 0.0 0.0 0.0



#14
 2-Fluorobiphenyl
 Concen: 8.24 ng
 RT: 12.73 min Scan# 737
 Delta R.T. -0.00 min
 Lab File: BM001306.D
 Acq: 14 May 2015 23:45

Tgt Ion:172 Resp: 67938
 Ion Ratio Lower Upper
 172 100
 171 32.4 28.7 43.1
 170 19.7 19.5 29.3





#17

Fluorene

Concen: 0.07 ng

RT: 14.74 min Scan# 911

Delta R.T. -0.43 min

Lab File: BM001306.D

Acq: 14 May 2015 23:45

Instrument :

BNA_M

ClientSampleId :

PB83363BL

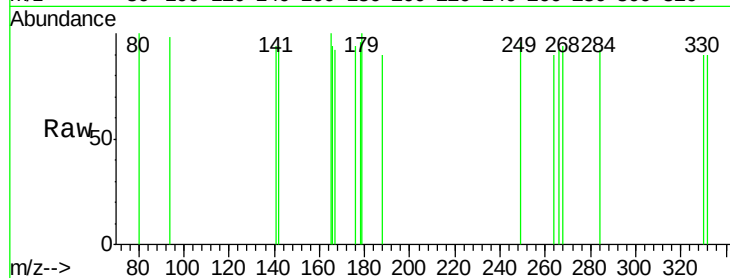
Tgt Ion:166 Resp: 471

Ion Ratio Lower Upper

166 100

165 105.5 70.6 106.0

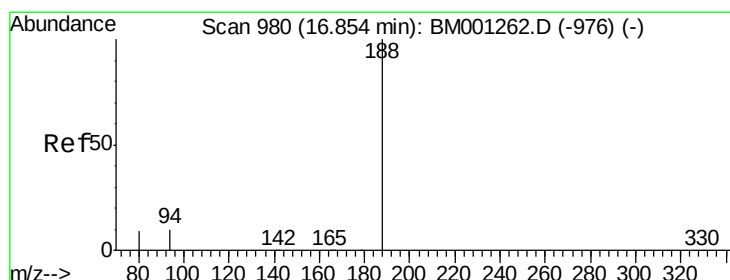
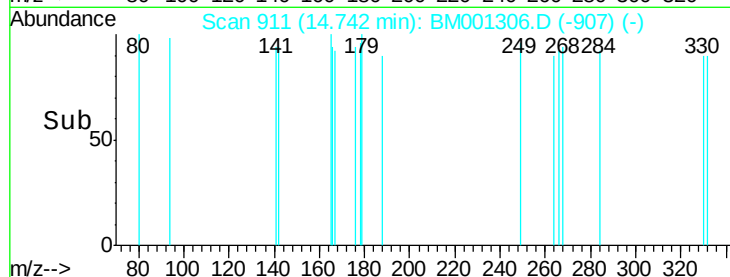
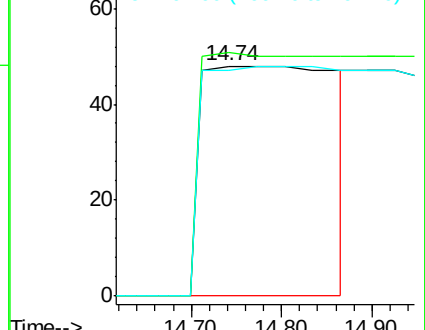
167 0.0 11.3 16.9#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.85 min Scan# 980

Delta R.T. -0.00 min

Lab File: BM001306.D

Acq: 14 May 2015 23:45

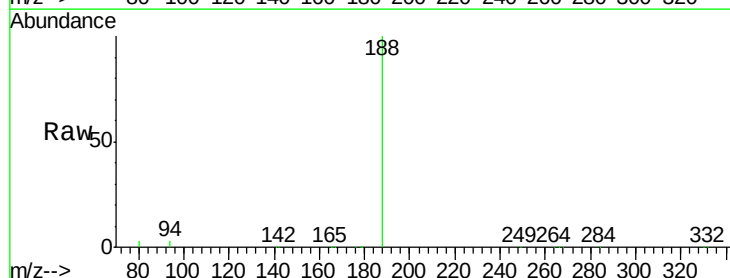
Tgt Ion:188 Resp: 76431

Ion Ratio Lower Upper

188 100

94 3.4 7.8 11.8#

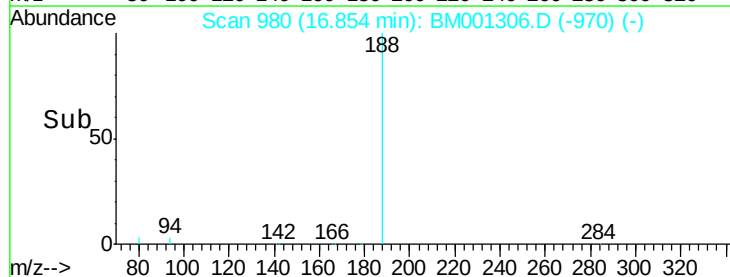
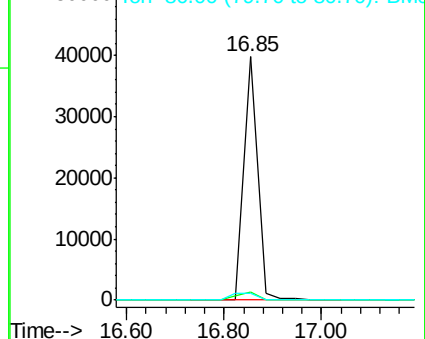
80 3.1 7.5 11.3#

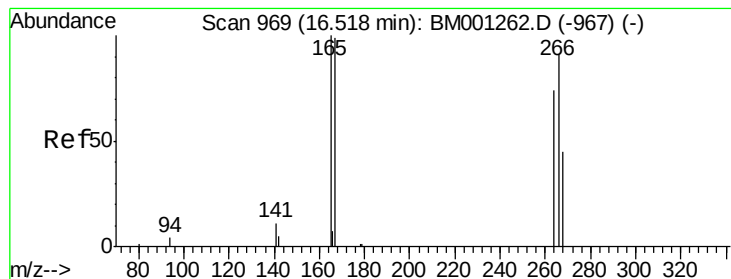


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#20

Pentachlorophenol

Concen: 0.41 ng

RT: 16.55 min Scan# 970

Delta R.T. 0.03 min

Lab File: BM001306.D

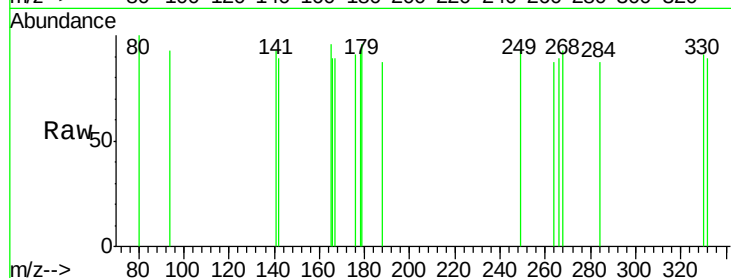
Acq: 14 May 2015 23:45

Instrument :

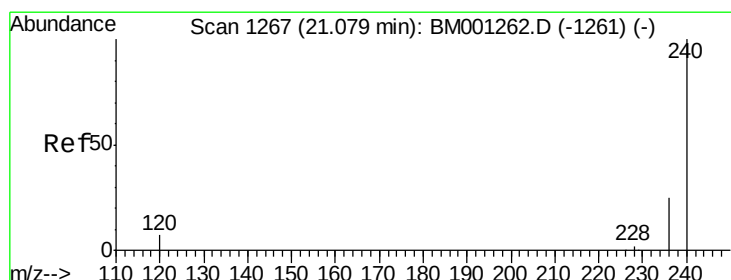
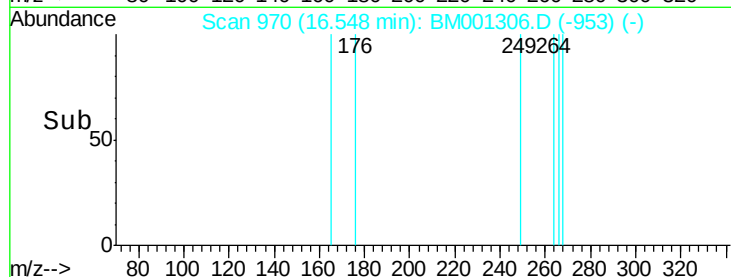
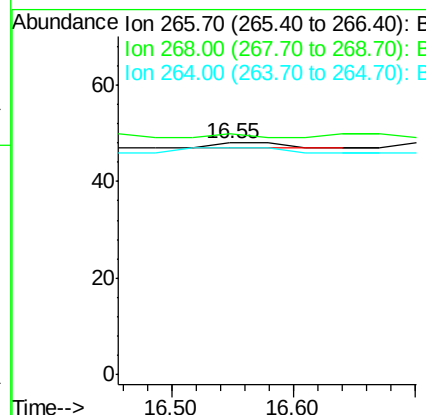
BNA_M

ClientSampleId :

PB83363BL



Tgt Ion:	266	Resp:	4
Ion	Ratio	Lower	Upper
266	100		
268	104.2	49.4	74.0#
264	97.9	67.8	101.6



#24

Chrysene-d12

Concen: 5.00 ng

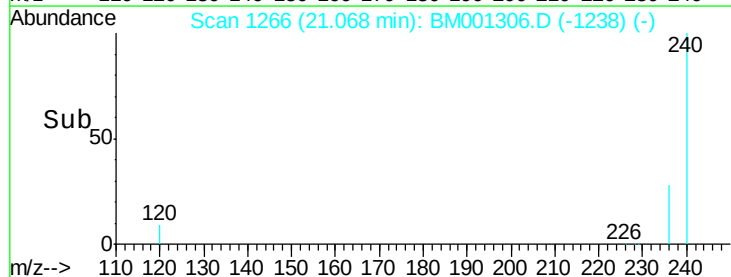
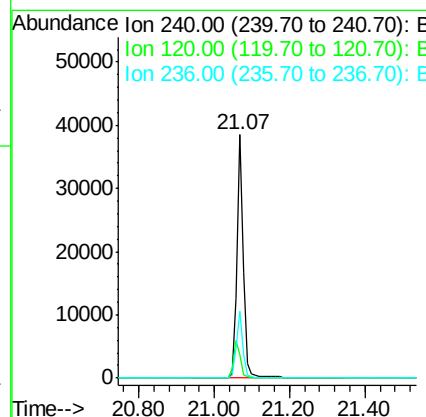
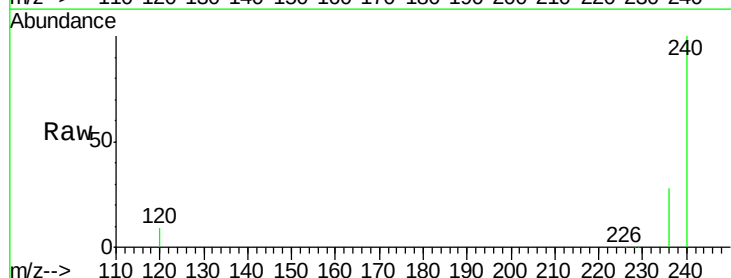
RT: 21.07 min Scan# 1266

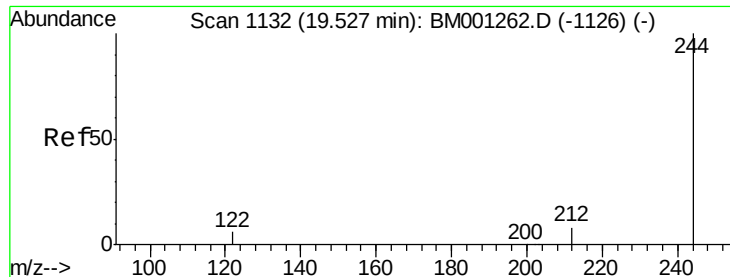
Delta R.T. -0.01 min

Lab File: BM001306.D

Acq: 14 May 2015 23:45

Tgt Ion:	240	Resp:	46268
Ion	Ratio	Lower	Upper
240	100		
120	9.5	5.5	8.3#
236	27.8	20.4	30.6

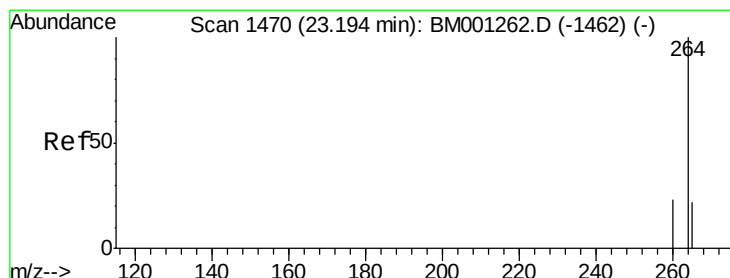
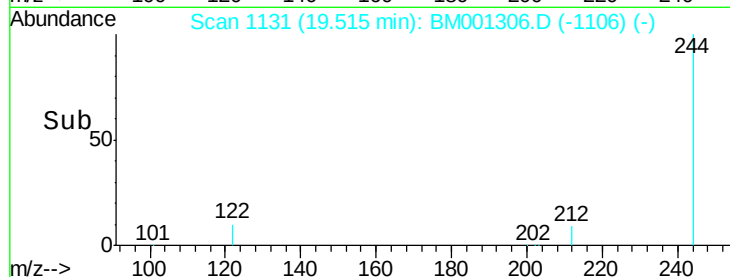
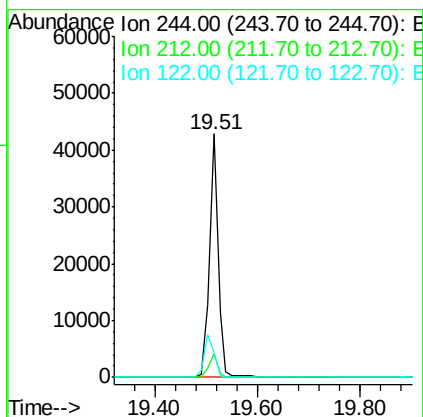
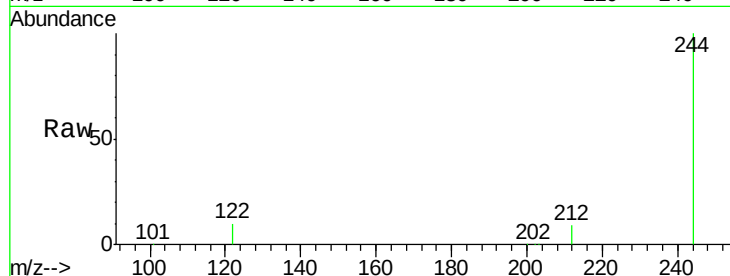




#26
 Terphenyl-d14
 Concen: 8.17 ng
 RT: 19.51 min Scan# 1131
 Delta R.T. -0.00 min
 Lab File: BM001306.D
 Acq: 14 May 2015 23:45

Instrument :
 BNA_M
 ClientSampleId :
 PB83363BL

Tgt Ion:244 Resp: 50757
 Ion Ratio Lower Upper
 244 100
 212 9.4 7.2 10.8
 122 10.0 5.6 8.4#



#30
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.17 min Scan# 1468
 Delta R.T. -0.01 min
 Lab File: BM001306.D
 Acq: 14 May 2015 23:45

Tgt Ion:264 Resp: 44673
 Ion Ratio Lower Upper
 264 100
 260 26.5 18.9 28.3
 265 20.4 18.1 27.1

