

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051615\
 Data File : BM001305.D
 Acq On : 14 May 2015 23:10
 Operator : TP/IZ
 Sample : G2210-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 050715-P17-E-D-S

Quant Time: May 15 05:33:11 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

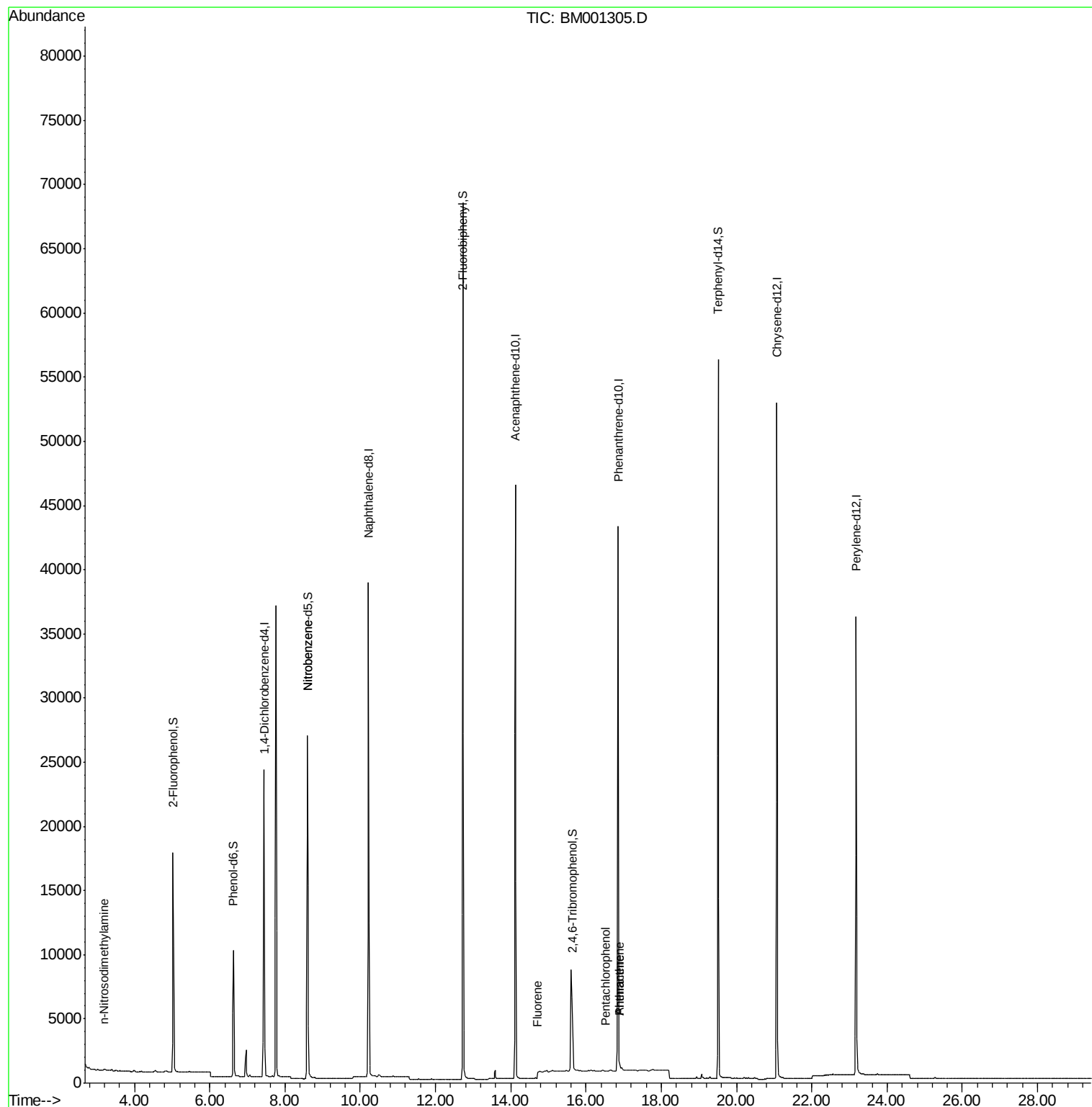
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	14607	5.00	ng	0.00
6) Naphthalene-d8	10.22	136	51156	5.00	ng	0.00
12) Acenaphthene-d10	14.12	164	26556	5.00	ng	0.00
18) Phenanthrene-d10	16.85	188	74959	5.00	ng	0.00
24) Chrysene-d12	21.07	240	46380	5.00	ng	-0.01
30) Perylene-d12	23.17	264	45112	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.02	112	14051	4.94	ng	-0.02
5) Phenol-d6	6.63	99	10473	3.26	ng	0.00
7) Nitrobenzene-d5	8.60	82	22519	6.93	ng	0.00
13) 2,4,6-Tribromophenol	15.63	330	8135	8.93	ng	0.00
14) 2-Fluorobiphenyl	12.73	172	66516	8.07	ng	0.00
26) Terphenyl-d14	19.51	244	55236	8.86	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.18	42	97	0.06	ng	# 1
8) Nitrobenzene	8.60	77	98	0.16	ng	# 34
17) Fluorene	14.71	166	243	0.04	ng	# 15
20) Pentachlorophenol	16.52	266	7	0.42	ng	# 68
21) Phenanthrene	16.88	178	250	0.02	ng	# 93
22) Anthracene	16.88	178	250	0.02	ng	# 98

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

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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: BM001305.D

Acq: 14 May 2015 23:10

Instrument :

BNA_M

ClientSampleId :

050715-P17-E-D-S

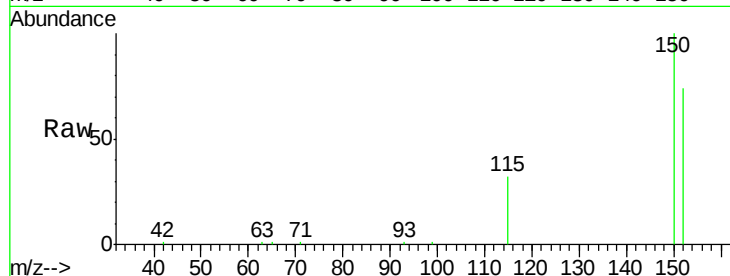
Tgt Ion:152 Resp: 14607

Ion Ratio Lower Upper

152 100

150 134.3 114.6 172.0

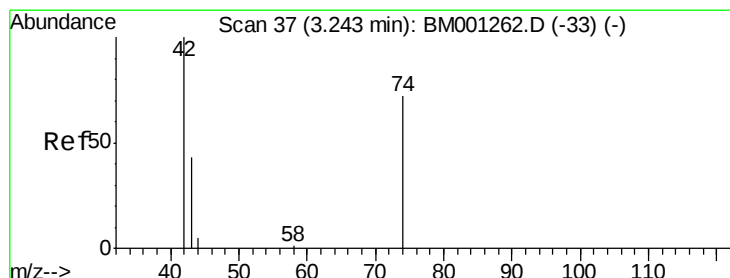
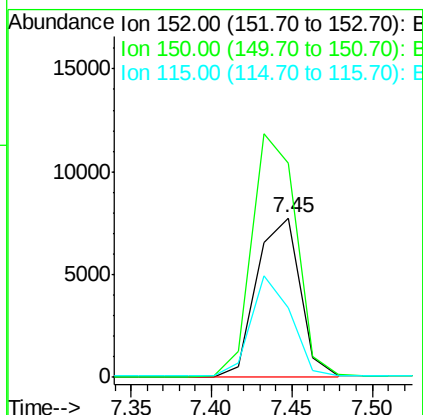
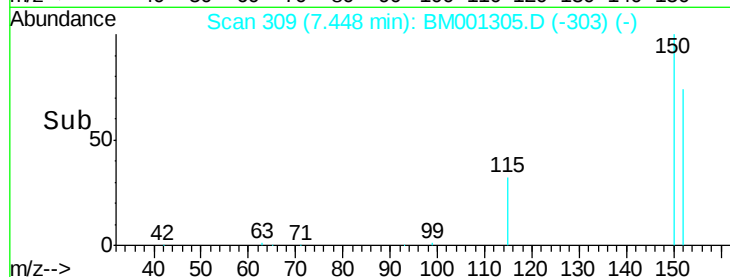
115 43.5 39.3 58.9



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



#3

n-Nitrosodimethylamine

Concen: 0.06 ng

RT: 3.18 min Scan# 33

Delta R.T. -0.06 min

Lab File: BM001305.D

Acq: 14 May 2015 23:10

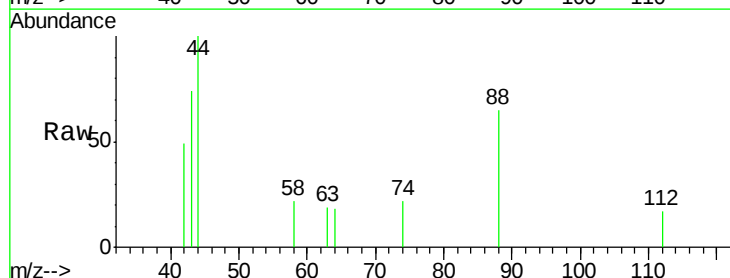
Tgt Ion: 42 Resp: 97

Ion Ratio Lower Upper

42 100

74 0.0 82.1 123.1#

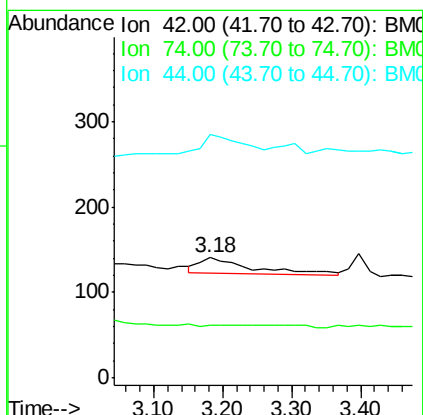
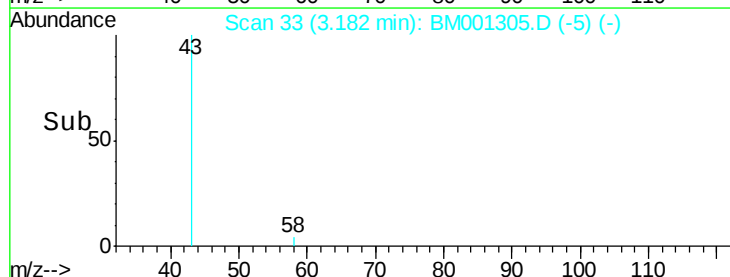
44 90.7 3.0 4.4#

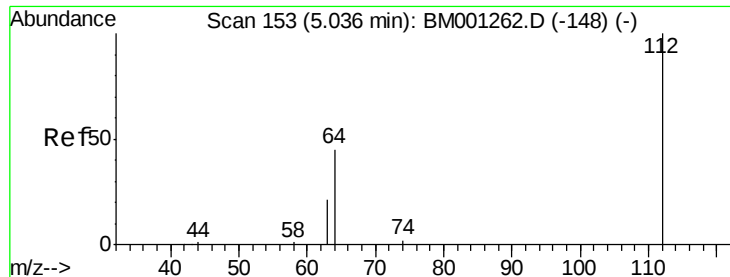


Abundance Ion 42.00 (41.70 to 42.70): BM0

Ion 74.00 (73.70 to 74.70): BM0

Ion 44.00 (43.70 to 44.70): BM0





#4

2-Fluorophenol

Concen: 4.94 ng

RT: 5.02 min Scan# 152

Delta R.T. -0.02 min

Lab File: BM001305.D

Acq: 14 May 2015 23:10

Instrument :

BNA_M

ClientSampleId :

050715-P17-E-D-S

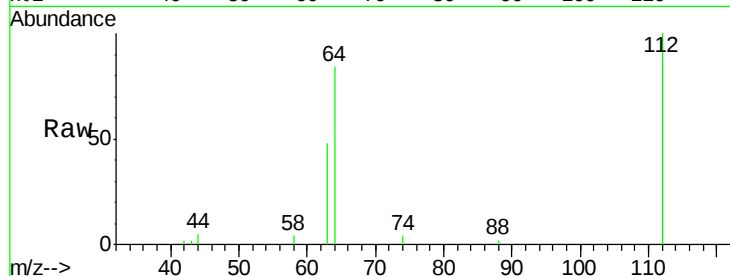
Tgt Ion: 112 Resp: 14051

Ion Ratio Lower Upper

112 100

64 64.0 50.8 76.2

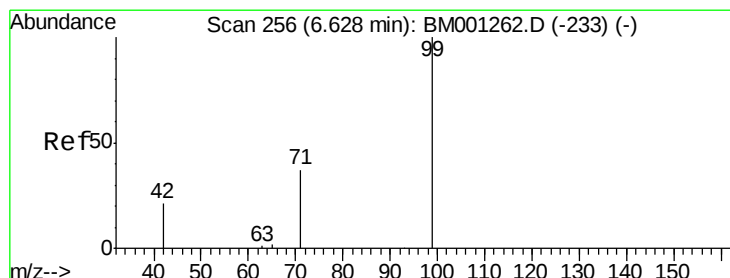
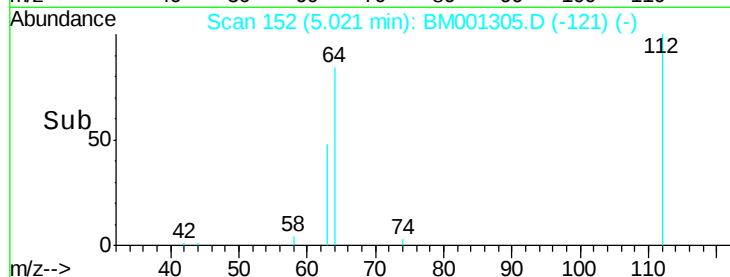
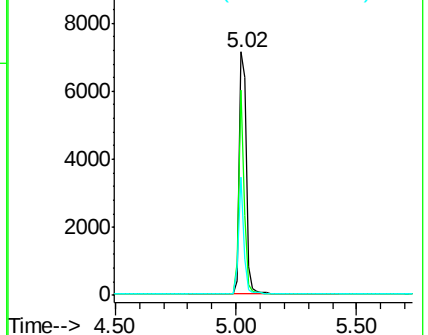
63 35.9 28.2 42.4



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



#5

Phenol-d6

Concen: 3.26 ng

RT: 6.63 min Scan# 256

Delta R.T. 0.00 min

Lab File: BM001305.D

Acq: 14 May 2015 23:10

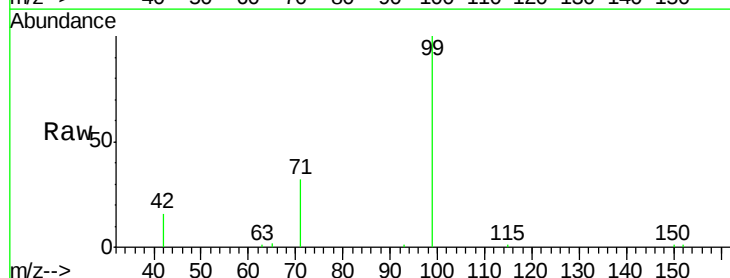
Tgt Ion: 99 Resp: 10473

Ion Ratio Lower Upper

99 100

42 23.9 19.9 29.9

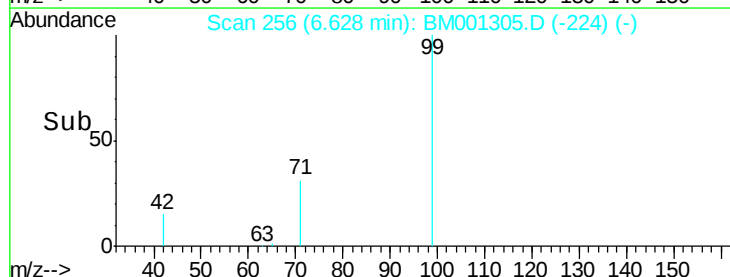
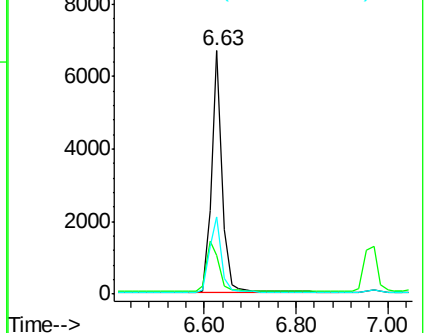
71 34.8 28.0 42.0

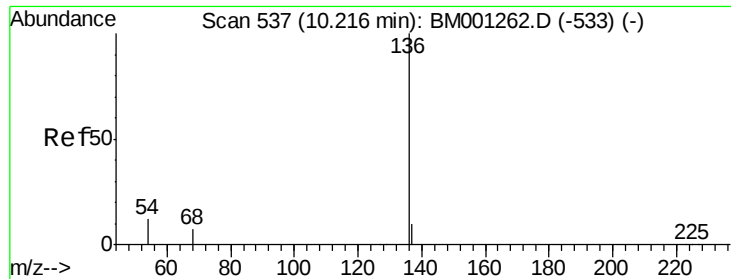


Abundance Ion 99.00 (98.70 to 99.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 71.00 (70.70 to 71.70): BM0





#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.22 min Scan# 537

Delta R.T. 0.00 min

Lab File: BM001305.D

Acq: 14 May 2015 23:10

Instrument :

BNA_M

ClientSampleId :

050715-P17-E-D-S

Tgt Ion:136 Resp: 51156

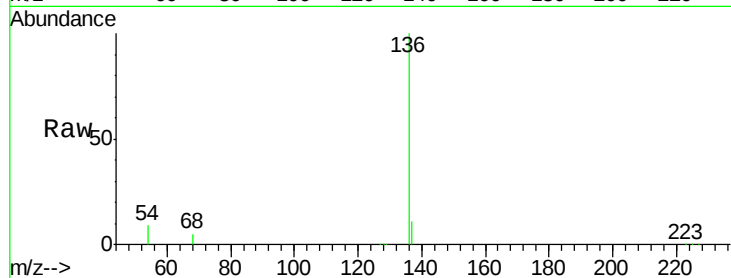
Ion Ratio Lower Upper

136 100

137 10.8 8.2 12.4

54 9.1 9.5 14.3#

68 5.5 5.5 8.3#

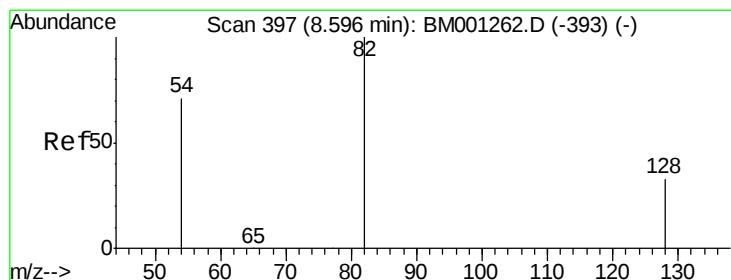
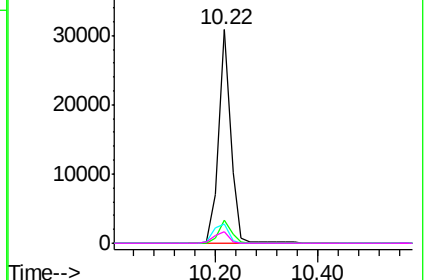
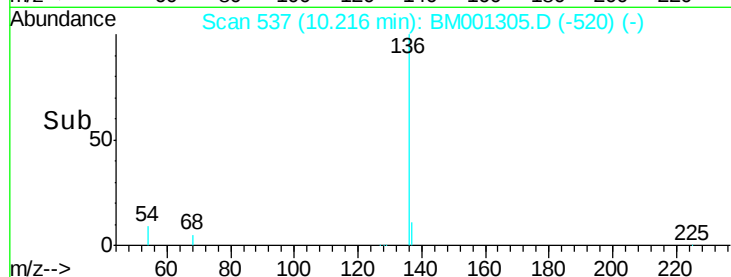


Abundance Ion 136.00 (135.70 to 136.70): E

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: 6.93 ng

RT: 8.60 min Scan# 397

Delta R.T. 0.00 min

Lab File: BM001305.D

Acq: 14 May 2015 23:10

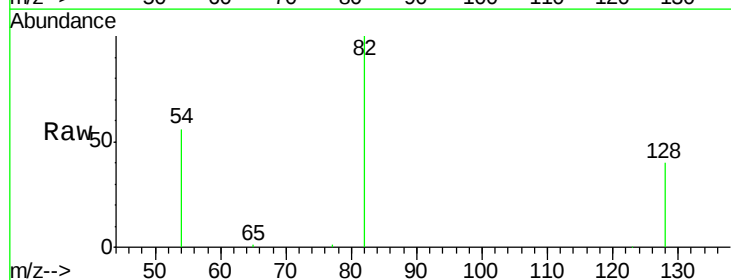
Tgt Ion: 82 Resp: 22519

Ion Ratio Lower Upper

82 100

128 39.7 28.0 42.0

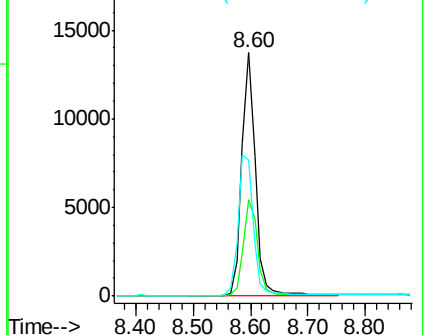
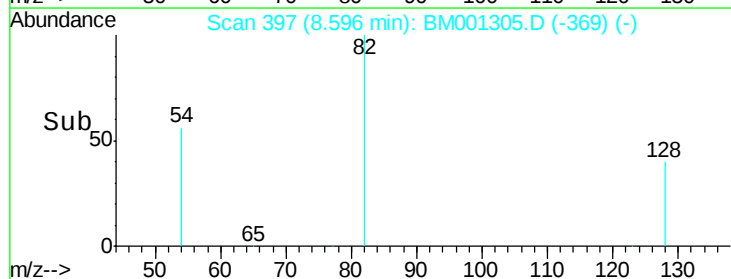
54 55.9 57.3 85.9#

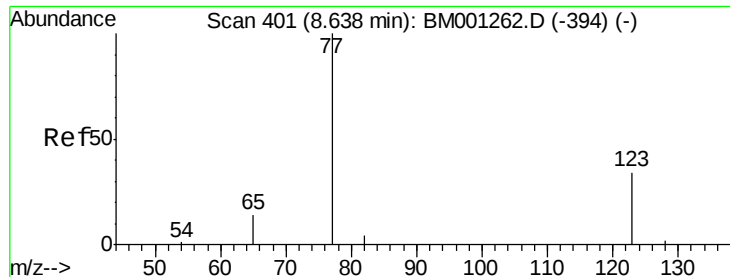


Abundance Ion 82.00 (81.70 to 82.70): BM

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: BM001305.D

Acq: 14 May 2015 23:10

Instrument :

BNA_M

ClientSampleId :

050715-P17-E-D-S

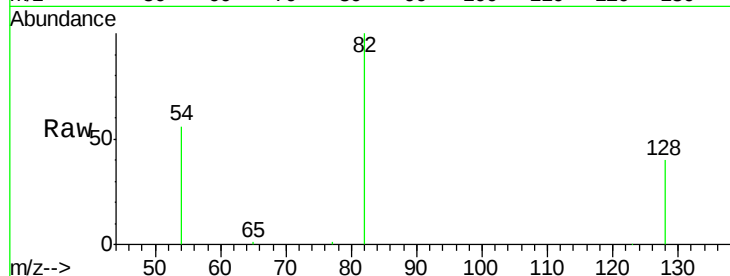
Tgt Ion: 77 Resp: 98

Ion Ratio Lower Upper

77 100

123 0.0 33.4 50.2#

65 39.8 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) (-)

8.60

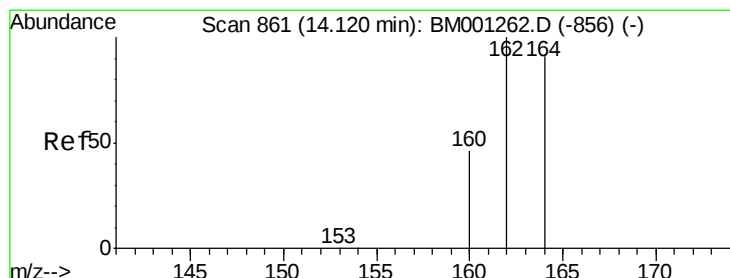
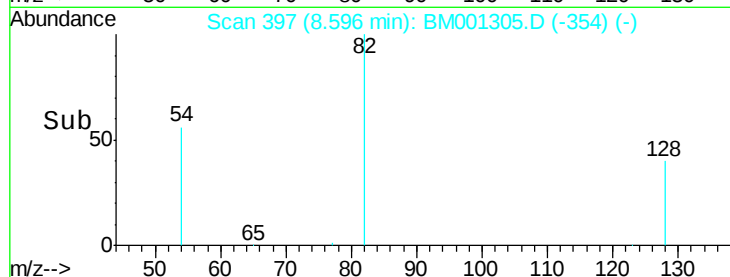
100

50

0

8.55 8.60 8.65 8.70

Time-->



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.12 min Scan# 861

Delta R.T. 0.00 min

Lab File: BM001305.D

Acq: 14 May 2015 23:10

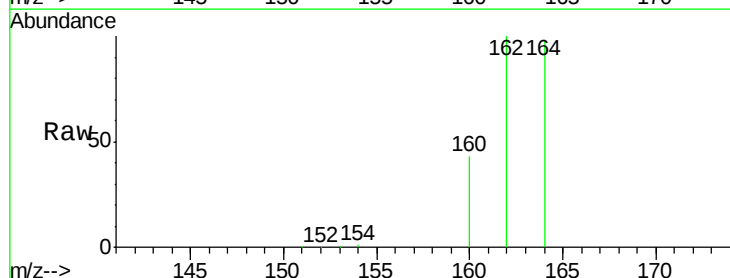
Tgt Ion: 164 Resp: 26556

Ion Ratio Lower Upper

164 100

162 102.3 87.9 131.9

160 43.8 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) (-)

14.12

25000

20000

15000

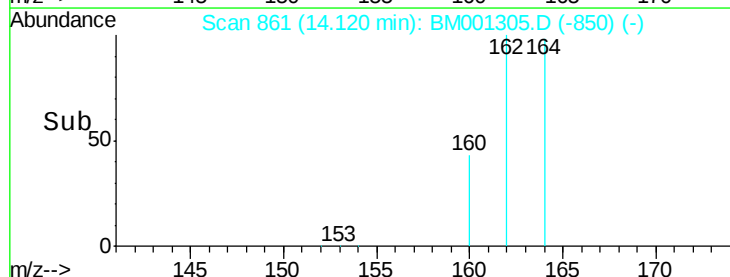
10000

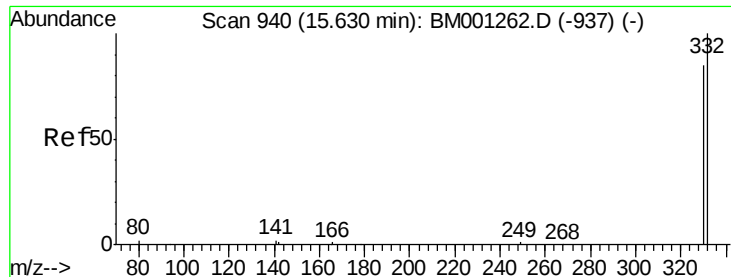
5000

0

14.00 14.10 14.20 14.30

Time-->

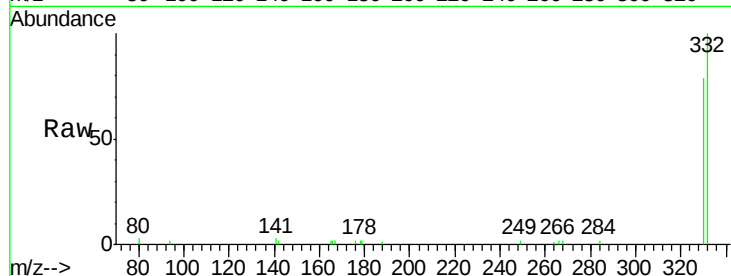




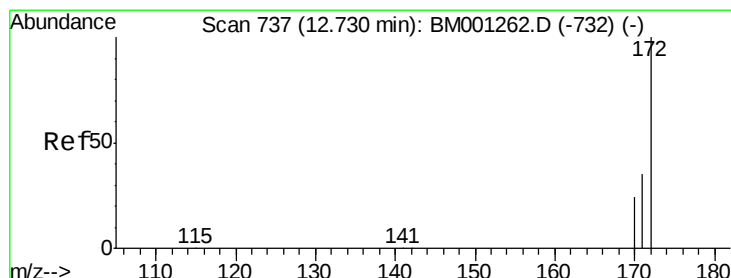
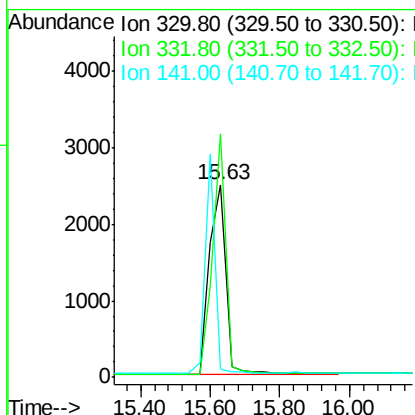
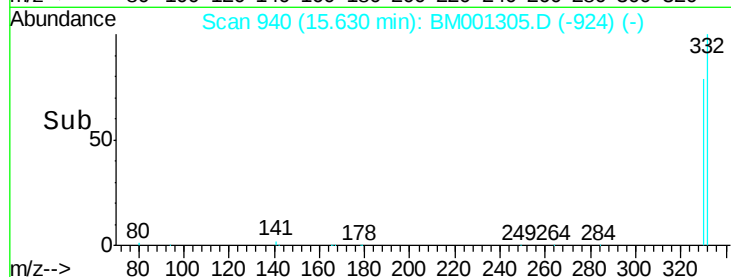
#13
 2,4,6-Tribromophenol
 Concen: 8.93 ng
 RT: 15.63 min Scan# 940
 Delta R.T. 0.00 min
 Lab File: BM001305.D
 Acq: 14 May 2015 23:10

Instrument :
 BNA_M
 ClientSampleId :
 050715-P17-E-D-S

Tgt Ion:330 Resp: 8135
 Ion Ratio Lower Upper
 330 100
 332 102.4 89.0 133.4
 141 0.0 0.0 0.0

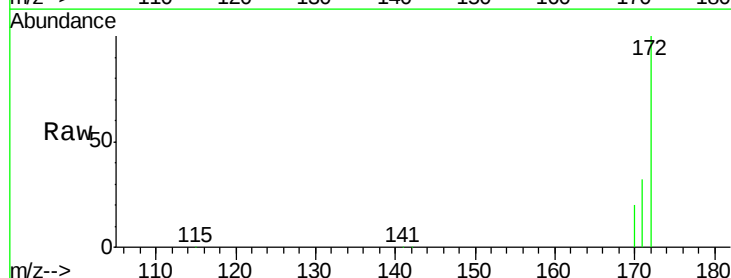


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

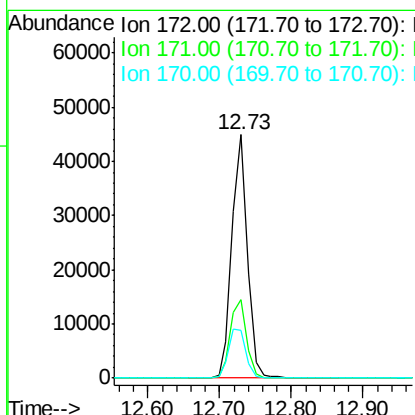
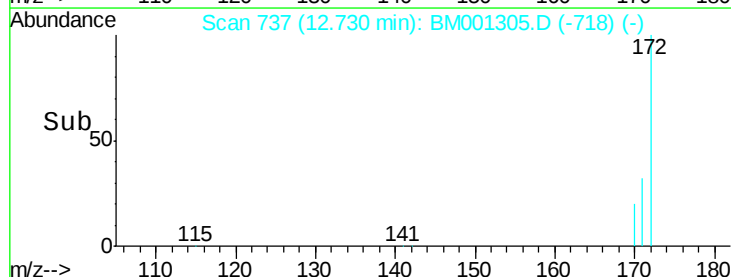


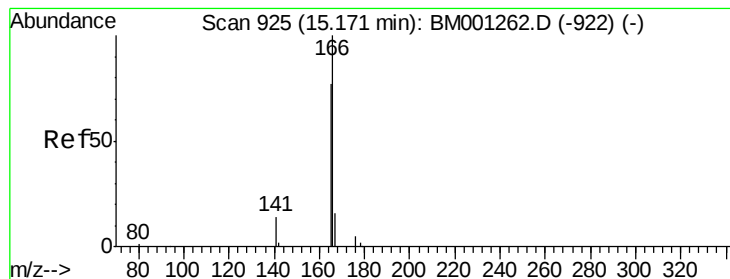
#14
 2-Fluorobiphenyl
 Concen: 8.07 ng
 RT: 12.73 min Scan# 737
 Delta R.T. 0.00 min
 Lab File: BM001305.D
 Acq: 14 May 2015 23:10

Tgt Ion:172 Resp: 66516
 Ion Ratio Lower Upper
 172 100
 171 32.1 28.7 43.1
 170 19.8 19.5 29.3



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





#17

Fluorene

Concen: 0.04 ng

RT: 14.71 min Scan# 910

Delta R.T. -0.46 min

Lab File: BM001305.D

Acq: 14 May 2015 23:10

Instrument :

BNA_M

ClientSampleId :

050715-P17-E-D-S

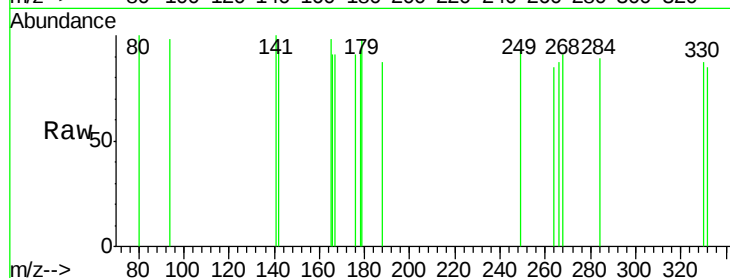
Tgt Ion:166 Resp: 243

Ion Ratio Lower Upper

166 100

165 174.9 70.6 106.0#

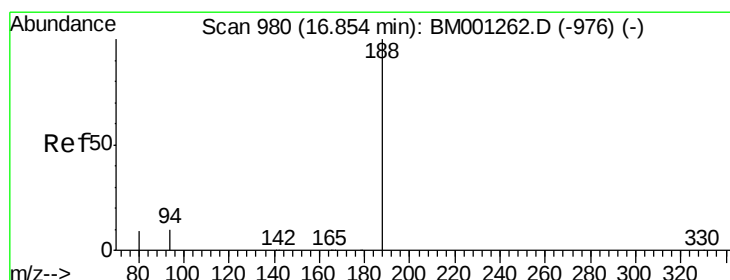
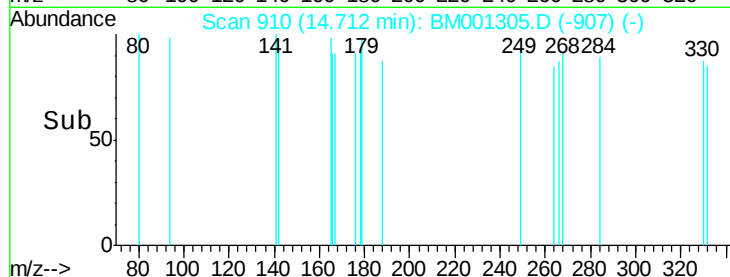
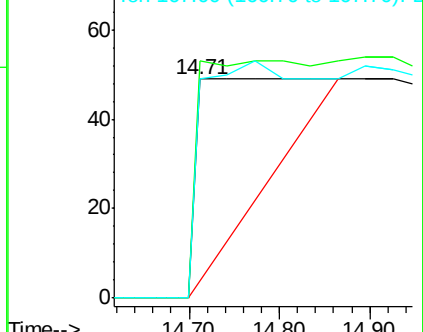
167 0.0 11.3 16.9#



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: BM001305.D

Acq: 14 May 2015 23:10

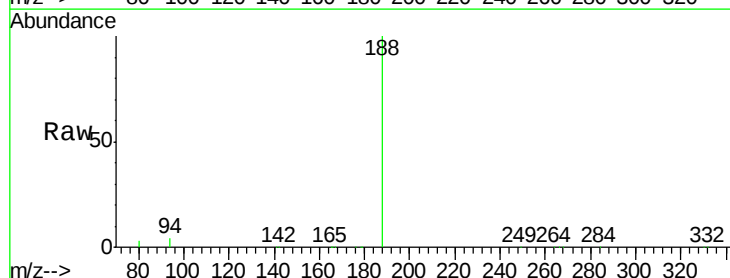
Tgt Ion:188 Resp: 74959

Ion Ratio Lower Upper

188 100

94 3.8 7.8 11.8#

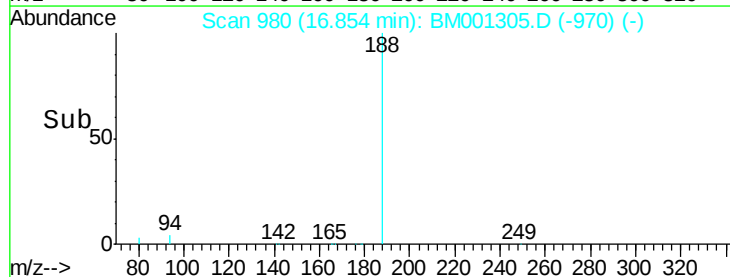
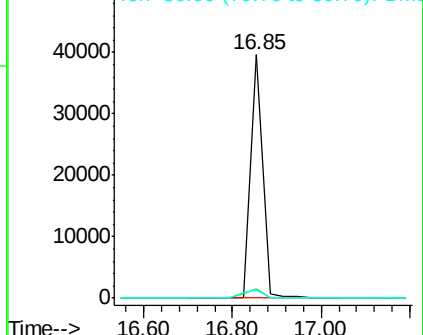
80 3.3 7.5 11.3#

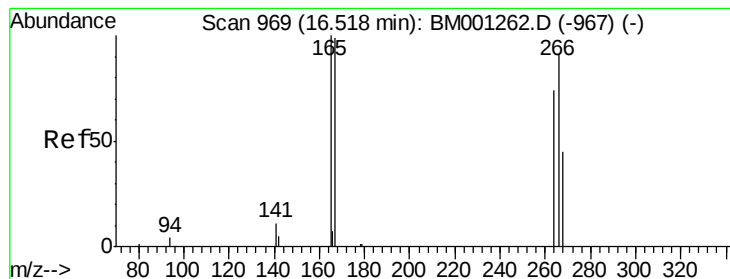


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#20

Pentachlorophenol

Concen: 0.42 ng

RT: 16.52 min Scan# 969

Delta R.T. 0.00 min

Lab File: BM001305.D

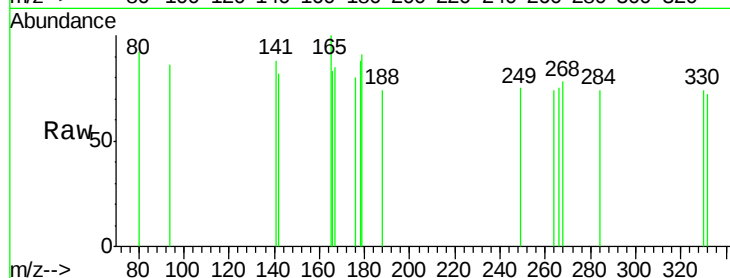
Acq: 14 May 2015 23:10

Instrument :

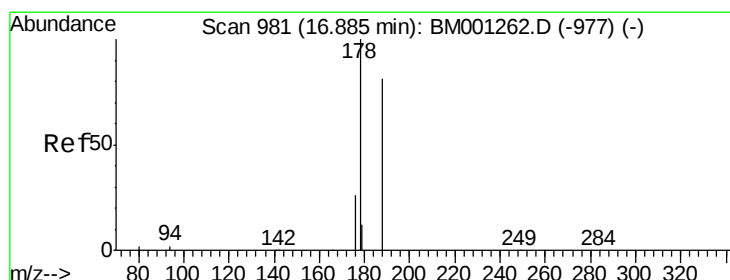
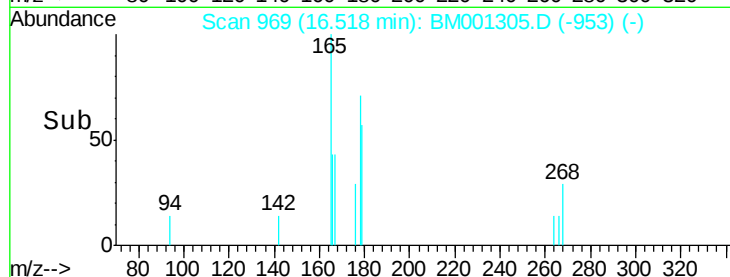
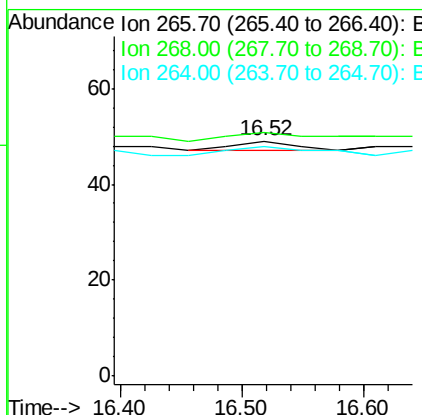
BNA_M

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Tgt Ion:	266	Resp:	7
Ion	Ratio	Lower	Upper
266	100		
268	104.1	49.4	74.0#
264	98.0	67.8	101.6



#21

Phenanthrene

Concen: 0.02 ng

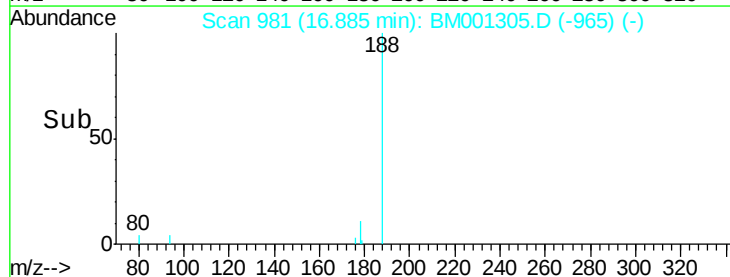
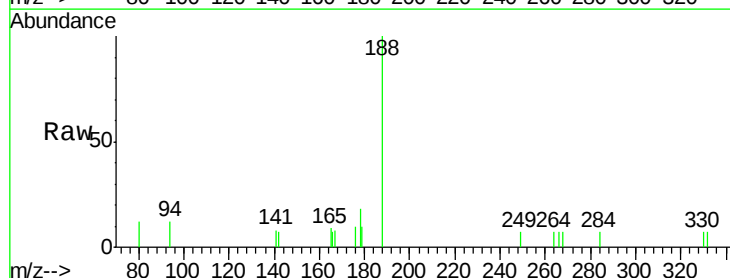
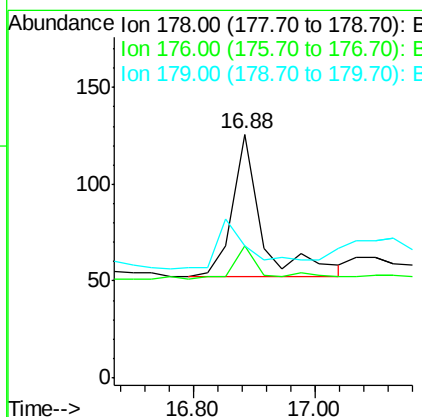
RT: 16.88 min Scan# 981

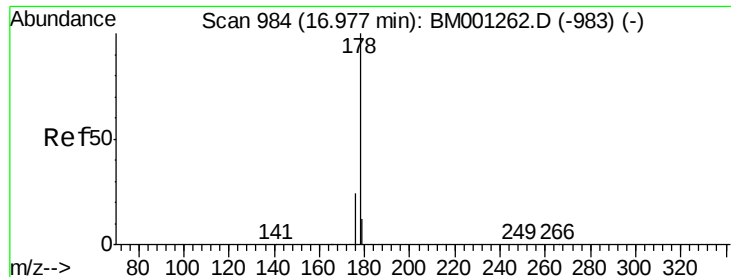
Delta R.T. 0.00 min

Lab File: BM001305.D

Acq: 14 May 2015 23:10

Tgt Ion:	178	Resp:	250
Ion	Ratio	Lower	Upper
178	100		
176	16.8	15.9	23.9
179	0.0	0.0	0.0





#22

Anthracene

Concen: 0.02 ng

RT: 16.88 min Scan# 981

Delta R.T. -0.09 min

Lab File: BM001305.D

Acq: 14 May 2015 23:10

Instrument :

BNA_M

ClientSampleId :

050715-P17-E-D-S

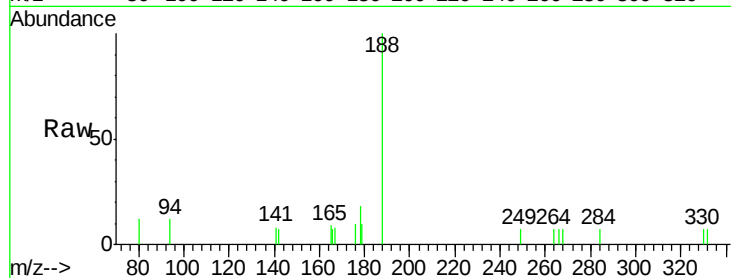
Tgt Ion:178 Resp: 250

Ion Ratio Lower Upper

178 100

176 20.0 15.3 22.9

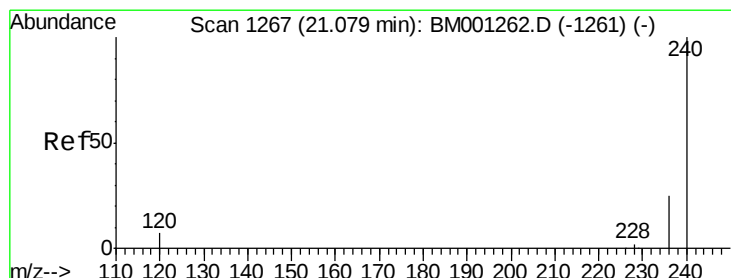
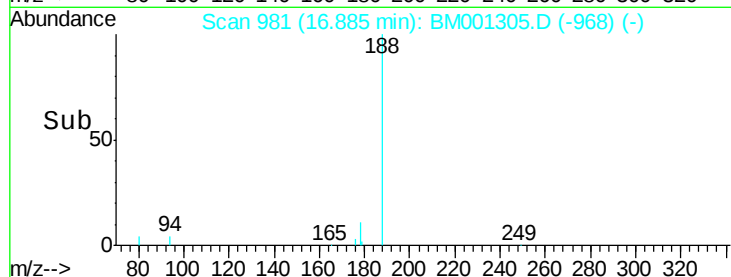
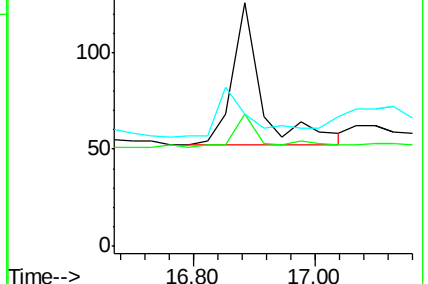
179 0.0 0.0 0.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BM001305.D

Acq: 14 May 2015 23:10

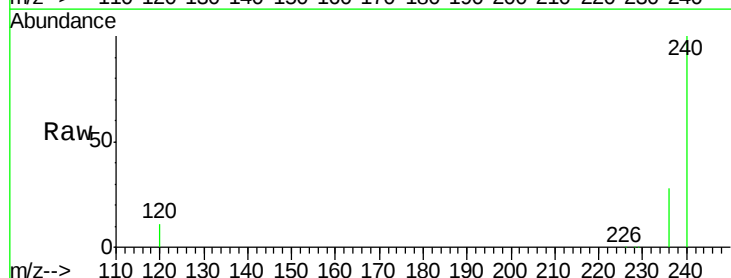
Tgt Ion:240 Resp: 46380

Ion Ratio Lower Upper

240 100

120 10.8 5.5 8.3#

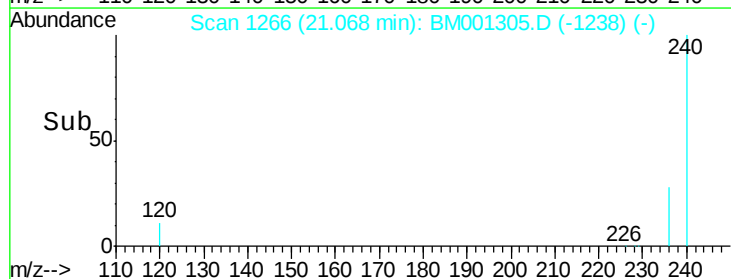
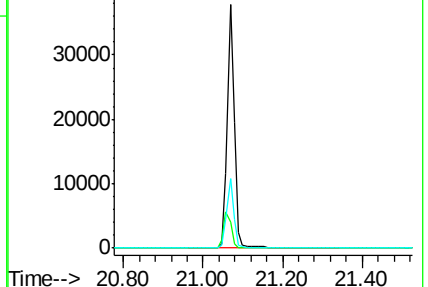
236 28.4 20.4 30.6

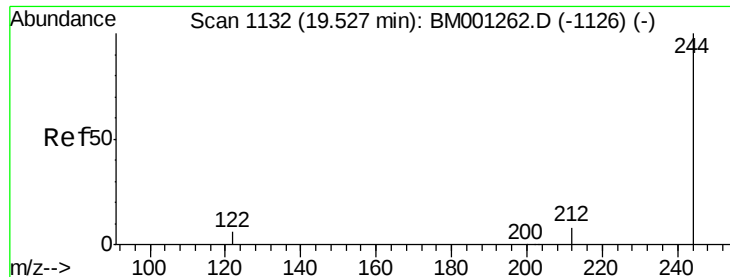


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

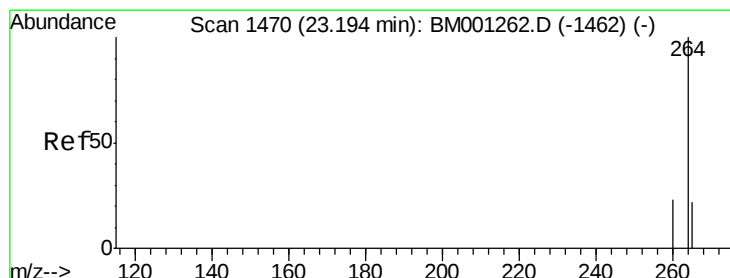
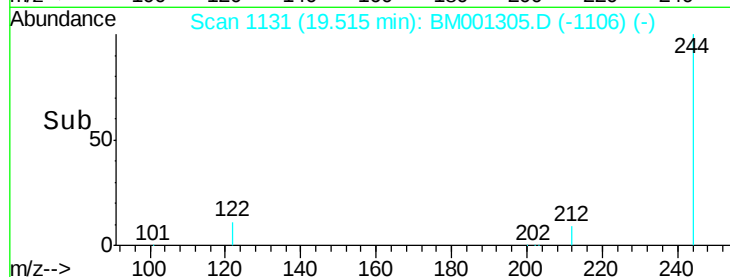
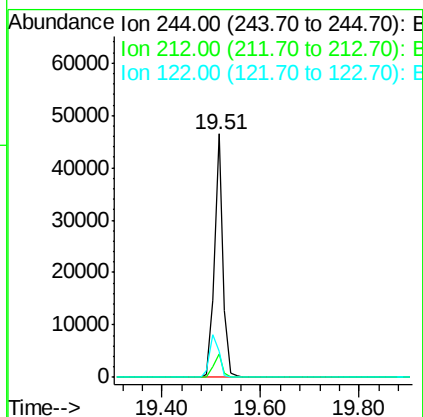
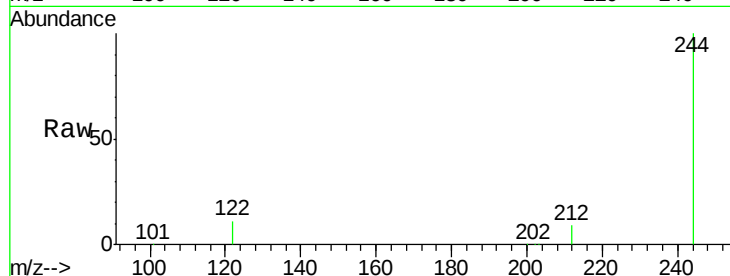




#26
 Terphenyl-d14
 Concen: 8.86 ng
 RT: 19.51 min Scan# 1131
 Delta R.T. 0.00 min
 Lab File: BM001305.D
 Acq: 14 May 2015 23:10

Instrument :
 BNA_M
 ClientSampleId :
 050715-P17-E-D-S

Tgt Ion:244 Resp: 55236
 Ion Ratio Lower Upper
 244 100
 212 9.4 7.2 10.8
 122 10.8 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: BM001305.D
 Acq: 14 May 2015 23:10

Tgt Ion:264 Resp: 45112
 Ion Ratio Lower Upper
 264 100
 260 26.9 18.9 28.3
 265 20.9 18.1 27.1

