

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051615\
 Data File : BM001304.D
 Acq On : 14 May 2015 22:34
 Operator : TP/IZ
 Sample : G2210-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 050815-P03-E-U-M

Quant Time: May 15 05:32:58 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

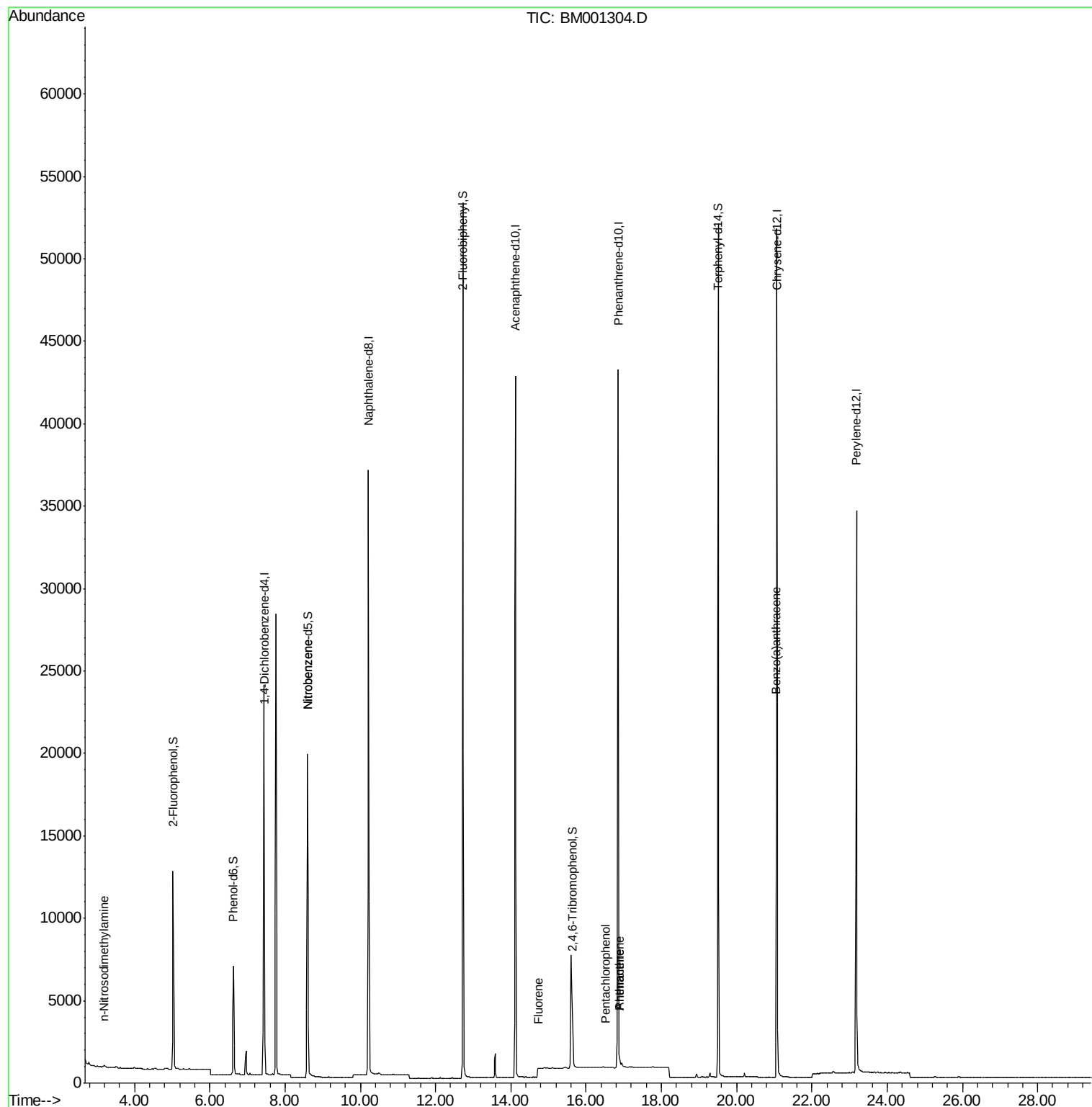
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	13929	5.00	ng	0.00
6) Naphthalene-d8	10.22	136	48850	5.00	ng	0.00
12) Acenaphthene-d10	14.12	164	25471	5.00	ng	0.00
18) Phenanthrene-d10	16.85	188	75401	5.00	ng	0.00
24) Chrysene-d12	21.07	240	44739	5.00	ng	-0.01
30) Perylene-d12	23.18	264	43177	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.02	112	9880	3.64	ng	-0.02
5) Phenol-d6	6.63	99	7107	2.32	ng	0.00
7) Nitrobenzene-d5	8.60	82	16865	5.46	ng	0.00
13) 2,4,6-Tribromophenol	15.63	330	7012	8.04	ng	0.00
14) 2-Fluorobiphenyl	12.73	172	53578	6.78	ng	0.00
26) Terphenyl-d14	19.51	244	51004	8.49	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.18	42	67	0.04	ng	# 1
8) Nitrobenzene	8.60	77	68	0.15	ng	# 23
17) Fluorene	14.74	166	306	0.05	ng	# 1
20) Pentachlorophenol	16.52	266	2	0.41	ng	# 70
21) Phenanthrene	16.88	178	242	0.02	ng	# 96
22) Anthracene	16.88	178	242	0.02	ng	# 94
27) Benzo(a)anthracene	21.06	228	262	0.02	ng	# 62

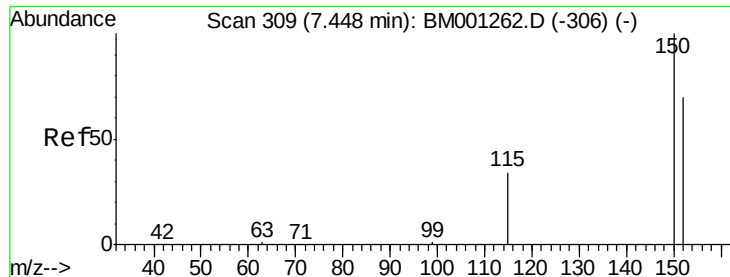
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051615\
Data File : BM001304.D
Acq On : 14 May 2015 22:34
Operator : TP/IZ
Sample : G2210-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
050815-P03-E-U-M

Quant Time: May 15 05:32:58 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





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.45 min Scan# 309

Delta R.T. 0.00 min

Lab File: BM001304.D

Acq: 14 May 2015 22:34

Instrument :

BNA_M

ClientSampleId :

050815-P03-E-U-M

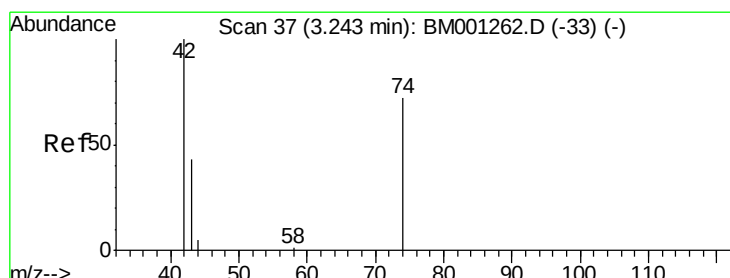
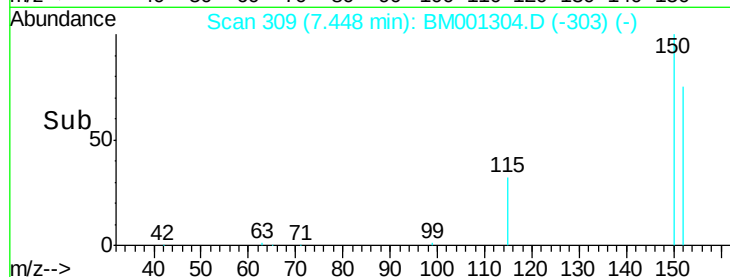
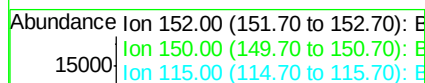
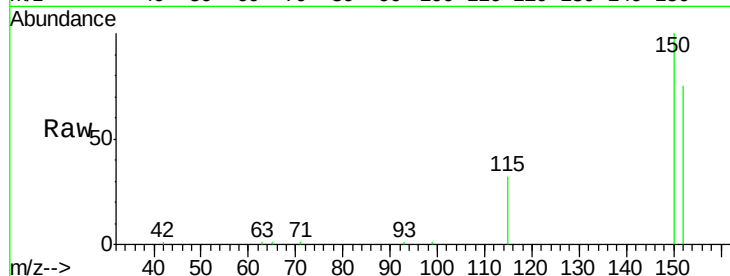
Tgt Ion:152 Resp: 13929

Ion Ratio Lower Upper

152 100

150 133.3 114.6 172.0

115 42.7 39.3 58.9



#3

n-Nitrosodimethylamine

Concen: 0.04 ng

RT: 3.18 min Scan# 33

Delta R.T. -0.06 min

Lab File: BM001304.D

Acq: 14 May 2015 22:34

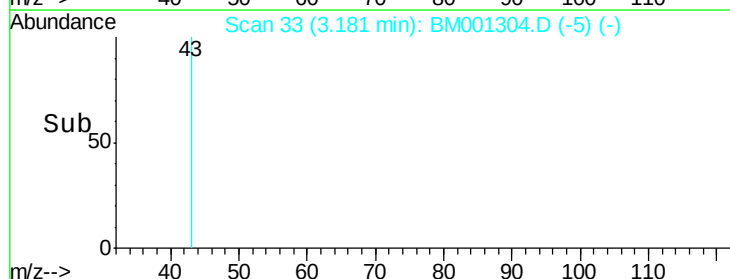
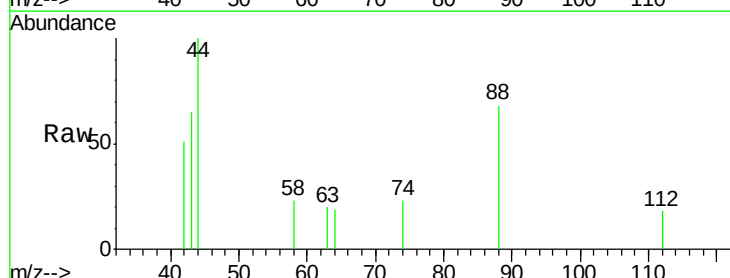
Tgt Ion: 42 Resp: 67

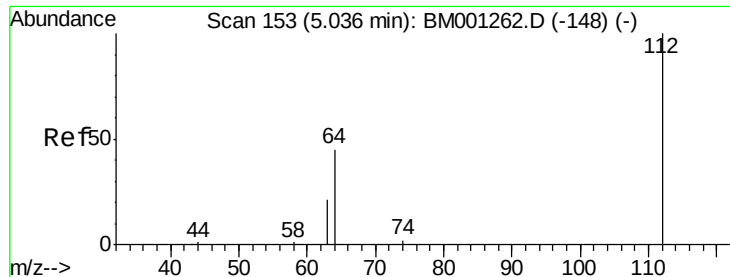
Ion Ratio Lower Upper

42 100

74 0.0 82.1 123.1#

44 132.8 3.0 4.4#





#4

2-Fluorophenol

Concen: 3.64 ng

RT: 5.02 min Scan# 152

Delta R.T. -0.02 min

Lab File: BM001304.D

Acq: 14 May 2015 22:34

Instrument :

BNA_M

ClientSampleId :

050815-P03-E-U-M

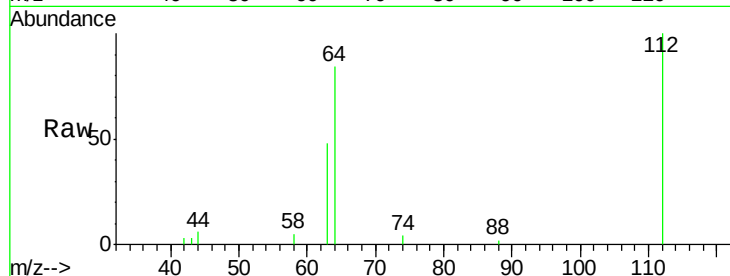
Tgt Ion: 112 Resp: 9880

Ion Ratio Lower Upper

112 100

64 64.6 50.8 76.2

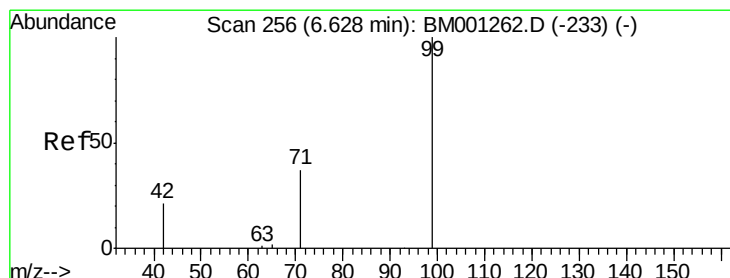
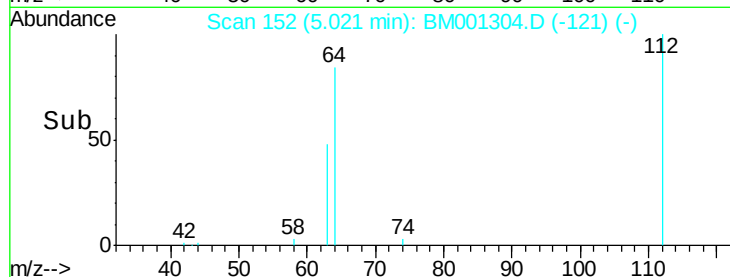
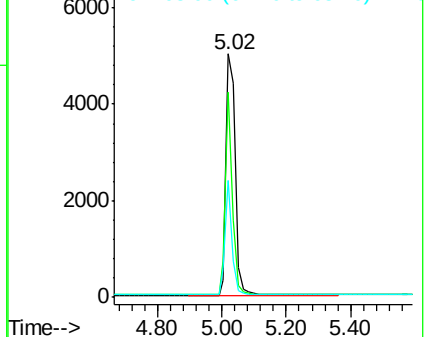
63 35.9 28.2 42.4



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: 2.32 ng

RT: 6.63 min Scan# 256

Delta R.T. 0.00 min

Lab File: BM001304.D

Acq: 14 May 2015 22:34

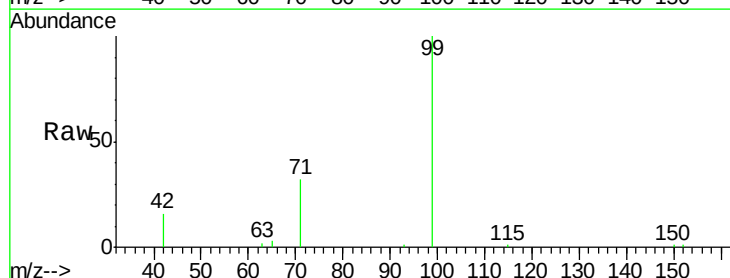
Tgt Ion: 99 Resp: 7107

Ion Ratio Lower Upper

99 100

42 25.2 19.9 29.9

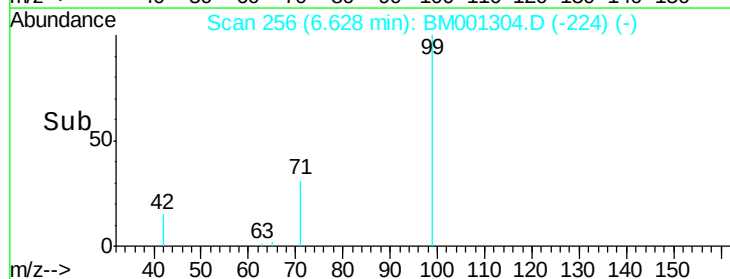
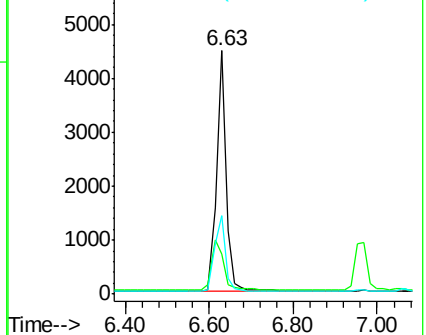
71 34.7 28.0 42.0

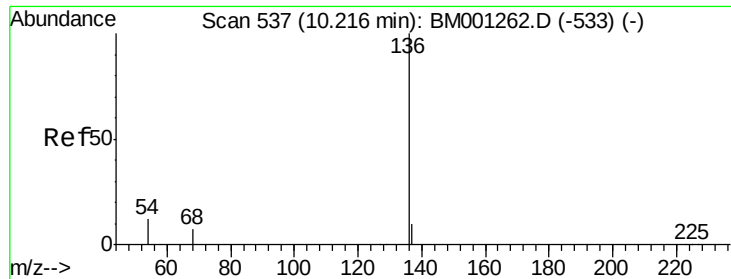


Abundance Ion 99.00 (98.70 to 99.70): BM0

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: BM001304.D

Acq: 14 May 2015 22:34

Instrument :

BNA_M

ClientSampleId :

050815-P03-E-U-M

Tgt Ion:136 Resp: 48850

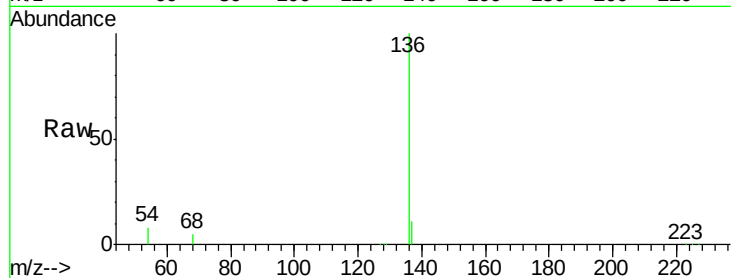
Ion Ratio Lower Upper

136 100

137 10.9 8.2 12.4

54 8.4 9.5 14.3#

68 5.2 5.5 8.3#

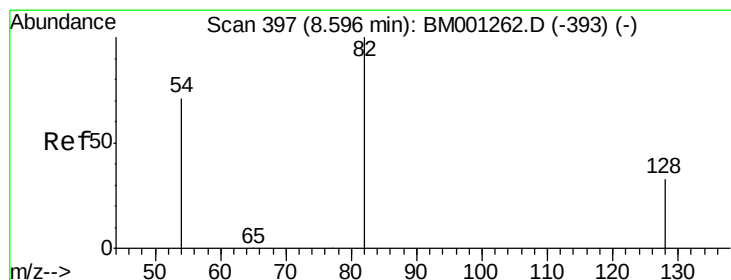
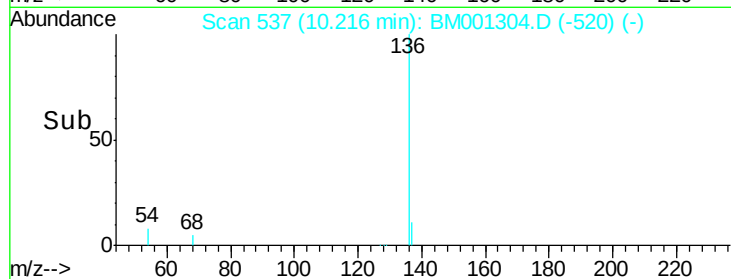
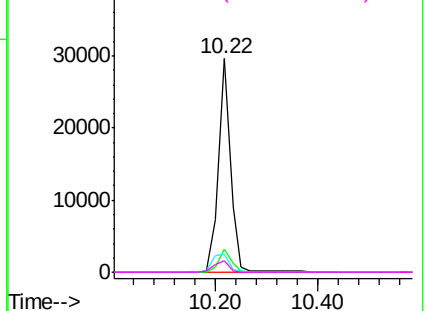


Abundance Ion 136.00 (135.70 to 136.70): E

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: 5.46 ng

RT: 8.60 min Scan# 397

Delta R.T. 0.00 min

Lab File: BM001304.D

Acq: 14 May 2015 22:34

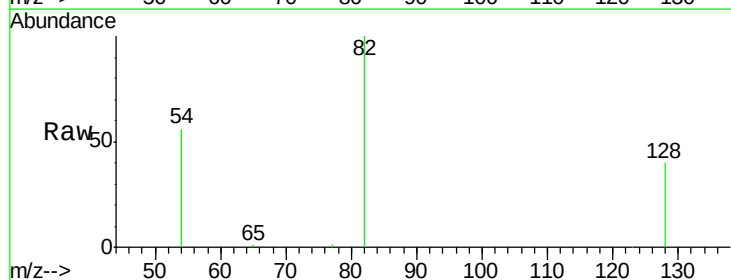
Tgt Ion: 82 Resp: 16865

Ion Ratio Lower Upper

82 100

128 39.7 28.0 42.0

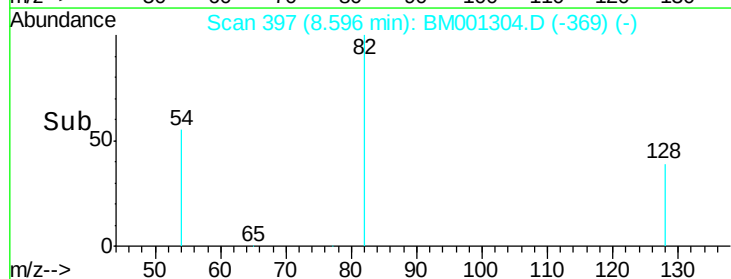
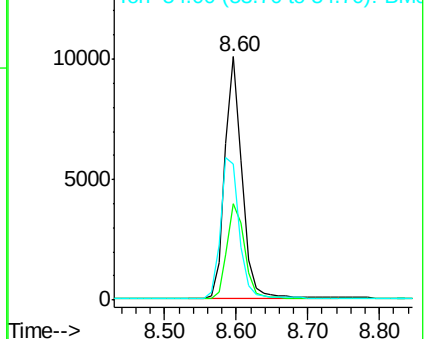
54 55.6 57.3 85.9#

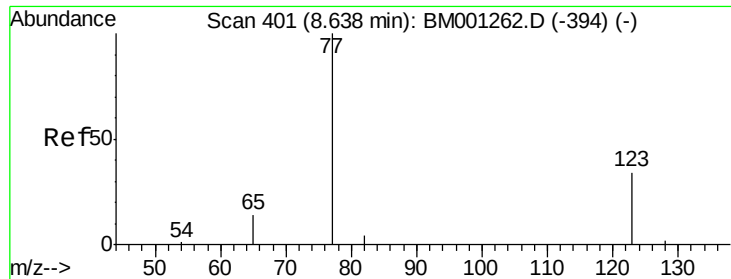


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM

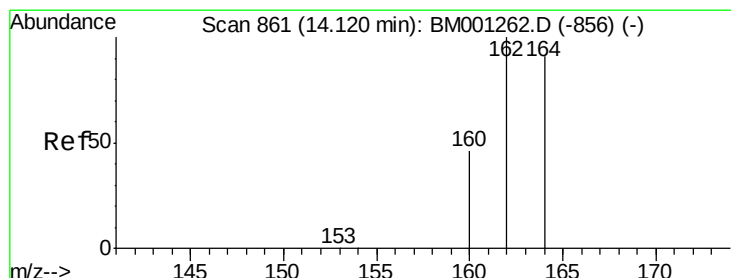
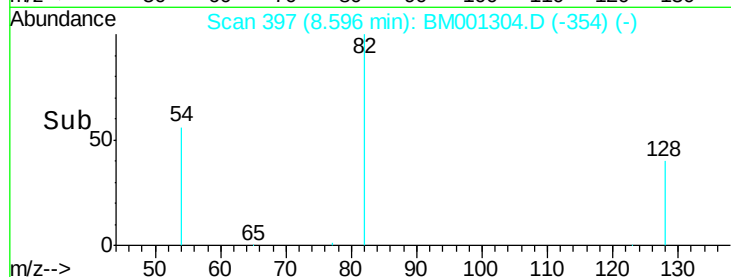
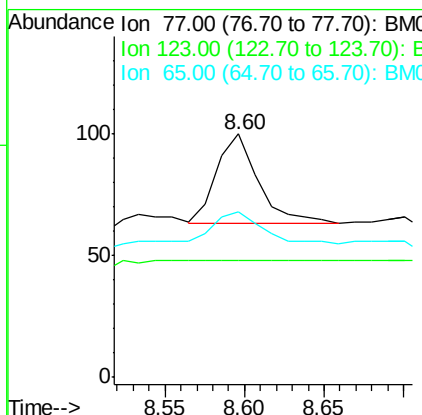
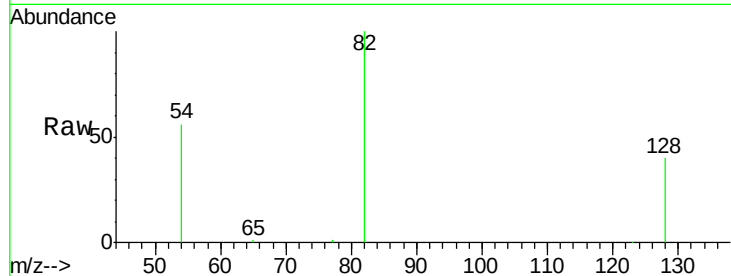




#8
 Nitrobenzene
 Concen: 0.15 ng
 RT: 8.60 min Scan# 397
 Delta R.T. -0.04 min
 Lab File: BM001304.D
 Acq: 14 May 2015 22:34

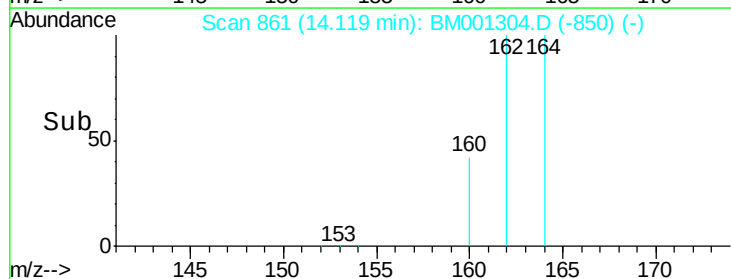
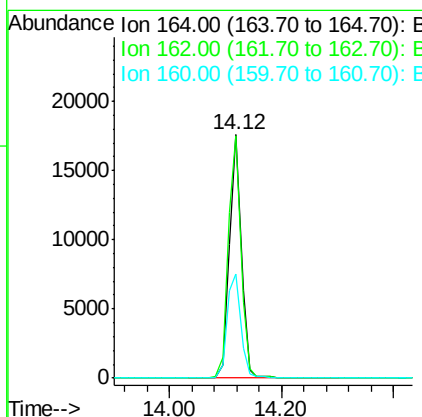
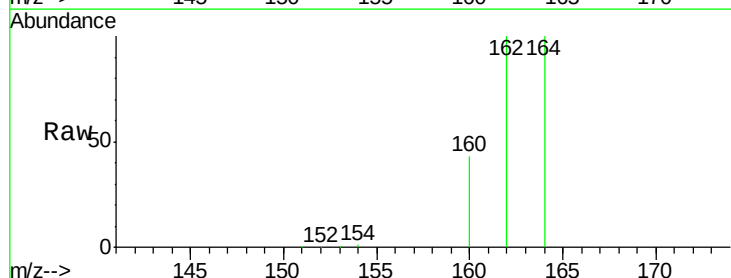
Instrument :
 BNA_M
 ClientSampleId :
 050815-P03-E-U-M

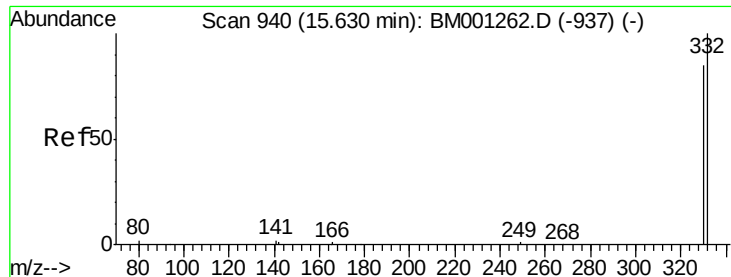
Tgt Ion: 77 Resp: 68
 Ion Ratio Lower Upper
 77 100
 123 0.0 33.4 50.2#
 65 57.4 10.6 15.8#



#12
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.12 min Scan# 861
 Delta R.T. 0.00 min
 Lab File: BM001304.D
 Acq: 14 May 2015 22:34

Tgt Ion: 164 Resp: 25471
 Ion Ratio Lower Upper
 164 100
 162 99.7 87.9 131.9
 160 42.6 40.9 61.3

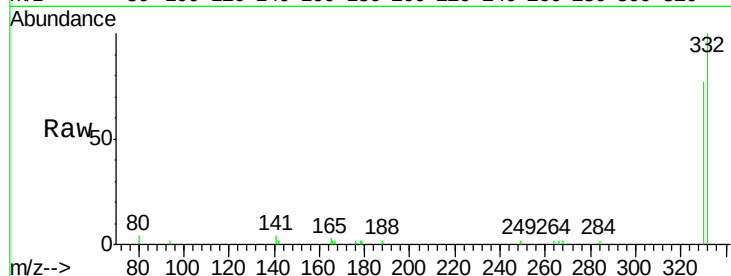




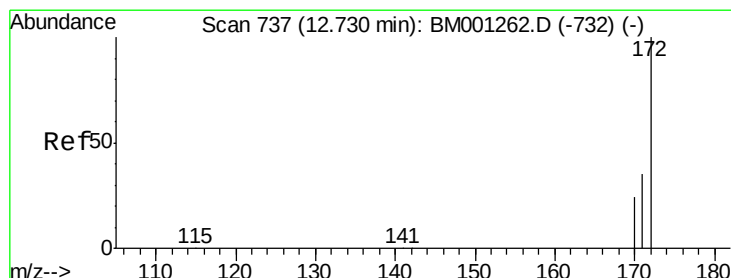
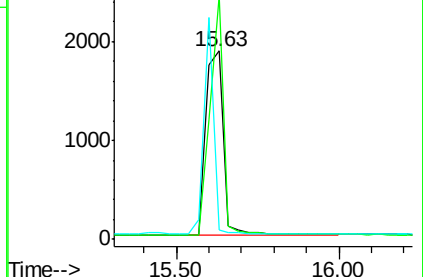
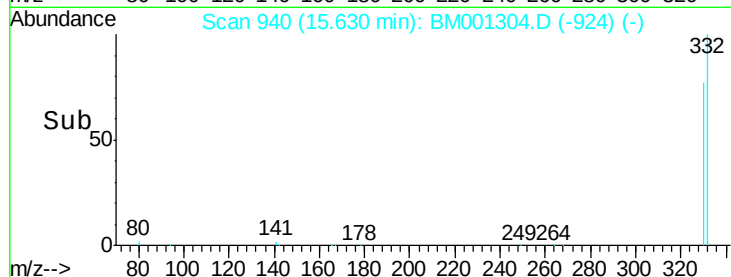
#13
 2,4,6-Tribromophenol
 Concen: 8.04 ng
 RT: 15.63 min Scan# 940
 Delta R.T. 0.00 min
 Lab File: BM001304.D
 Acq: 14 May 2015 22:34

Instrument :
 BNA_M
 ClientSampleId :
 050815-P03-E-U-M

Tgt Ion:330 Resp: 7012
 Ion Ratio Lower Upper
 330 100
 332 99.7 89.0 133.4
 141 0.0 0.0 0.0

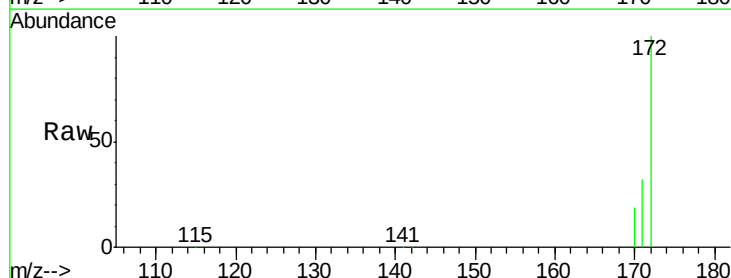


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

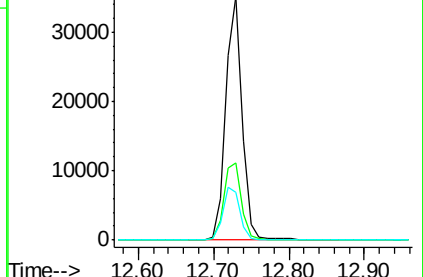
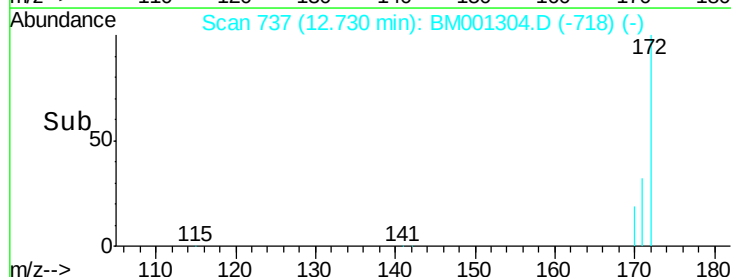


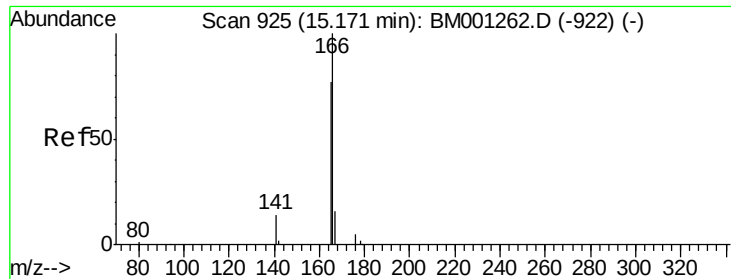
#14
 2-Fluorobiphenyl
 Concen: 6.78 ng
 RT: 12.73 min Scan# 737
 Delta R.T. 0.00 min
 Lab File: BM001304.D
 Acq: 14 May 2015 22:34

Tgt Ion:172 Resp: 53578
 Ion Ratio Lower Upper
 172 100
 171 31.9 28.7 43.1
 170 19.4 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

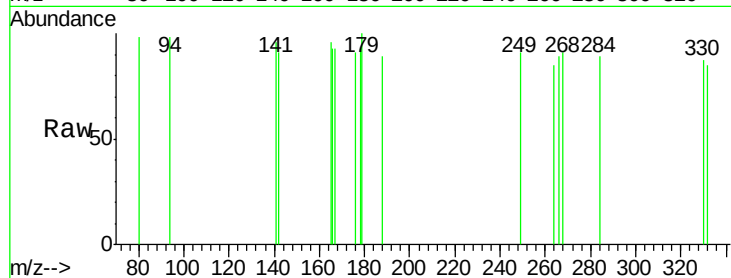




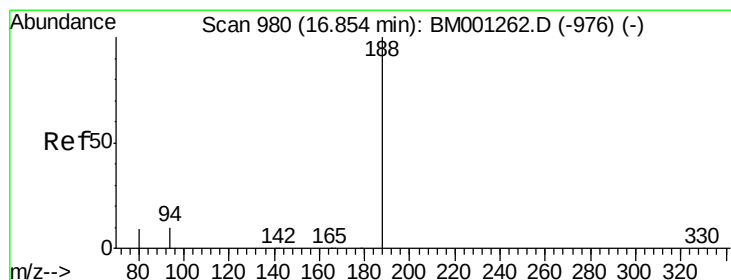
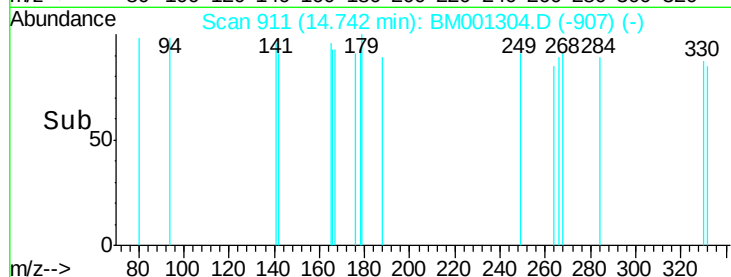
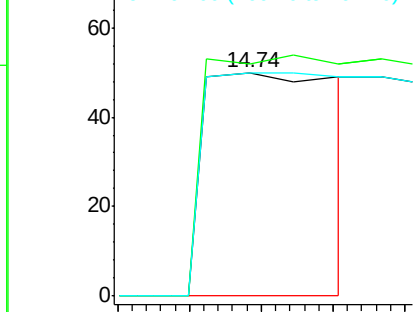
#17
Fluorene
Concen: 0.05 ng
RT: 14.74 min Scan# 911
Delta R.T. -0.43 min
Lab File: BM001304.D
Acq: 14 May 2015 22:34

Instrument :
BNA_M
ClientSampleId :
050815-P03-E-U-M

Tgt Ion:166 Resp: 306
Ion Ratio Lower Upper
166 100
165 0.0 70.6 106.0#
167 101.0 11.3 16.9#

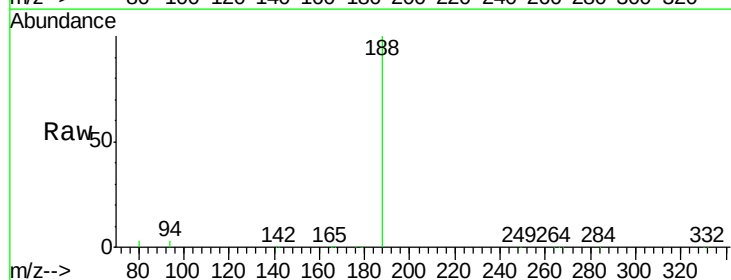


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

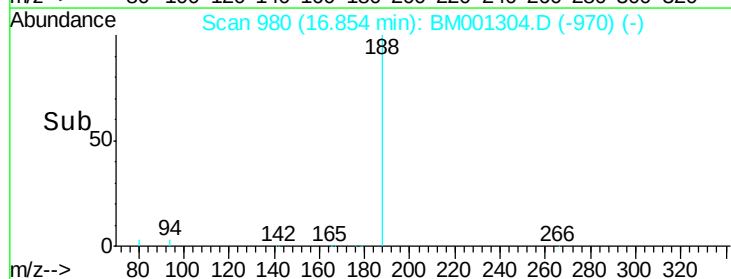
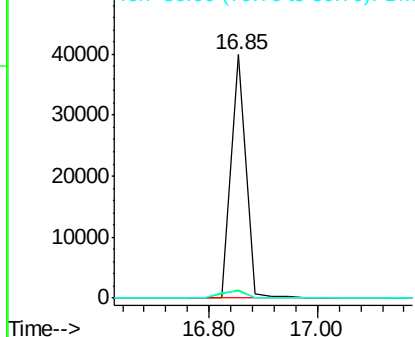


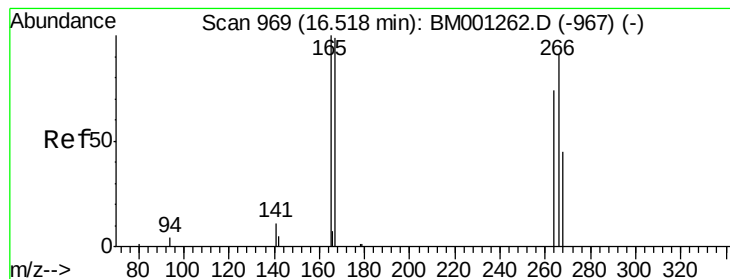
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.85 min Scan# 980
Delta R.T. 0.00 min
Lab File: BM001304.D
Acq: 14 May 2015 22:34

Tgt Ion:188 Resp: 75401
Ion Ratio Lower Upper
188 100
94 3.3 7.8 11.8#
80 2.9 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: 16.52 min Scan# 969

Delta R.T. 0.00 min

Lab File: BM001304.D

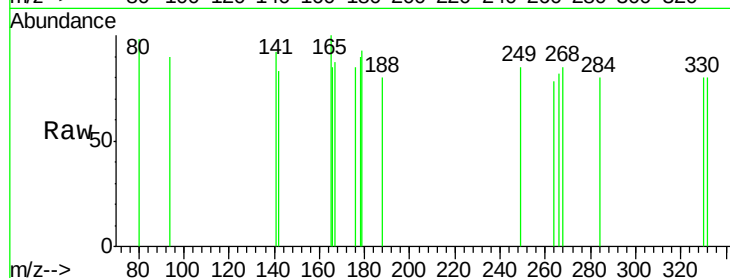
Acq: 14 May 2015 22:34

Instrument :

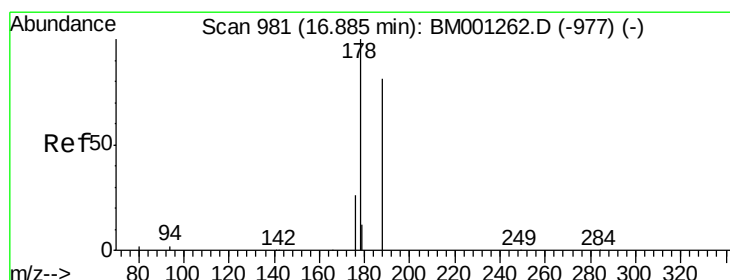
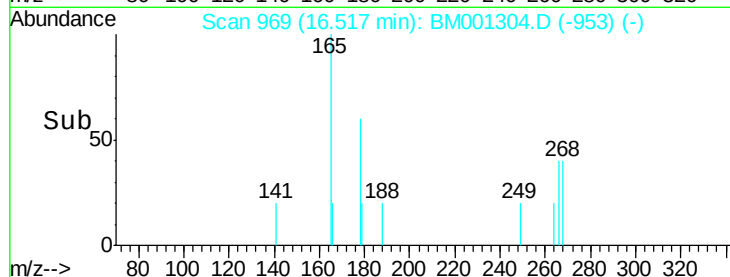
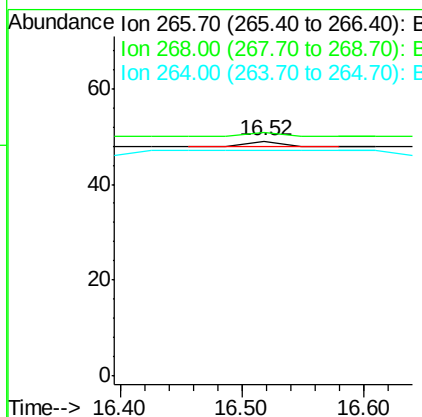
BNA_M

ClientSampleId :

050815-P03-E-U-M



Tgt Ion:	266	Resp:	2
Ion	Ratio	Lower	Upper
266	100		
268	104.1	49.4	74.0#
264	95.9	67.8	101.6



#21

Phenanthrene

Concen: 0.02 ng

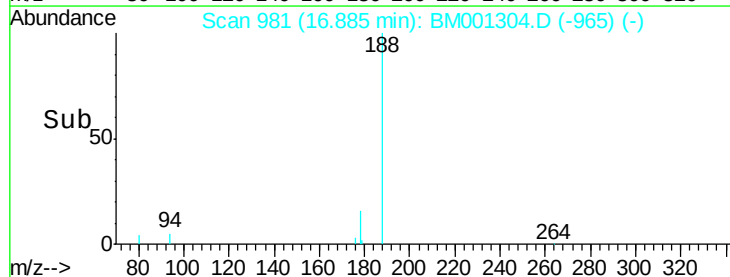
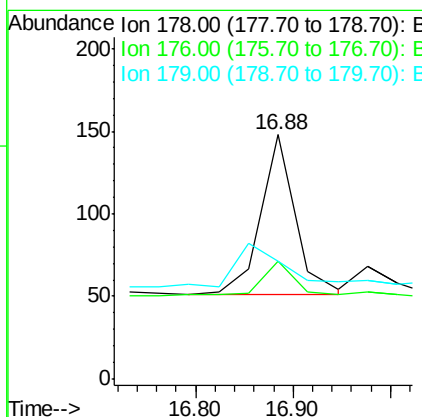
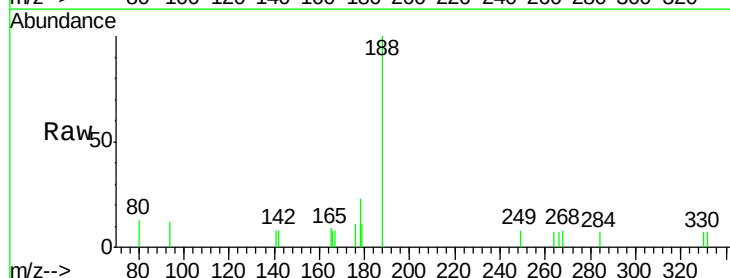
RT: 16.88 min Scan# 981

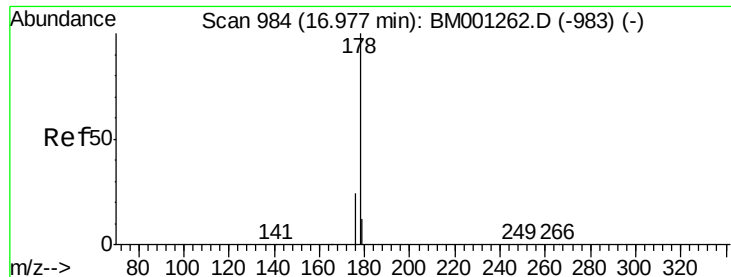
Delta R.T. 0.00 min

Lab File: BM001304.D

Acq: 14 May 2015 22:34

Tgt Ion:	178	Resp:	242
Ion	Ratio	Lower	Upper
178	100		
176	21.9	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: BM001304.D

Acq: 14 May 2015 22:34

Instrument :

BNA_M

ClientSampleId :

050815-P03-E-U-M

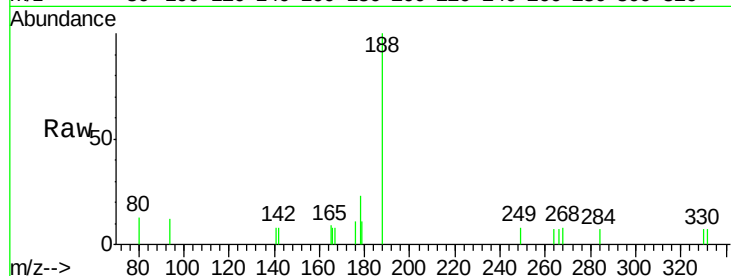
Tgt Ion:178 Resp: 242

Ion Ratio Lower Upper

178 100

176 21.9 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

16.88

150

100

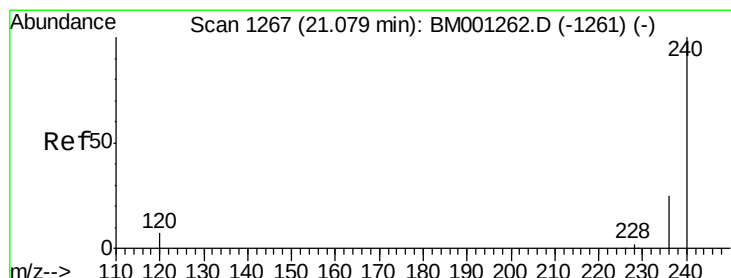
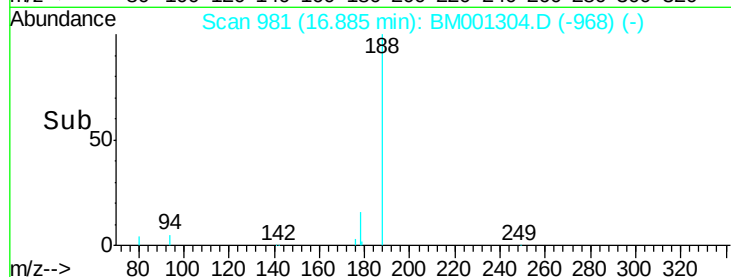
50

0

16.80

16.90

Time-->



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BM001304.D

Acq: 14 May 2015 22:34

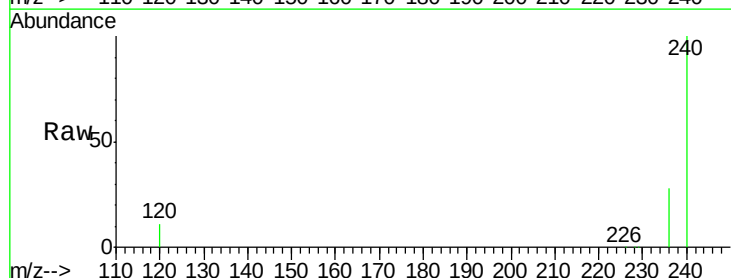
Tgt Ion:240 Resp: 44739

Ion Ratio Lower Upper

240 100

120 10.6 5.5 8.3#

236 28.3 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

21.07

40000

30000

20000

10000

0

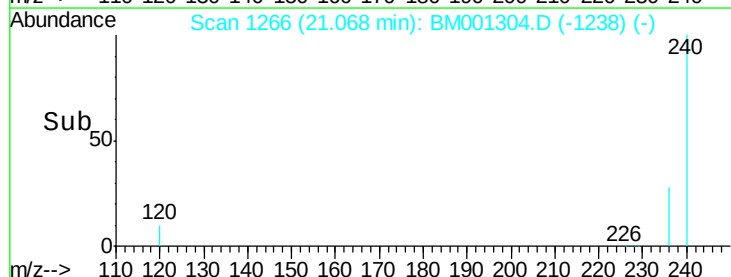
20.80

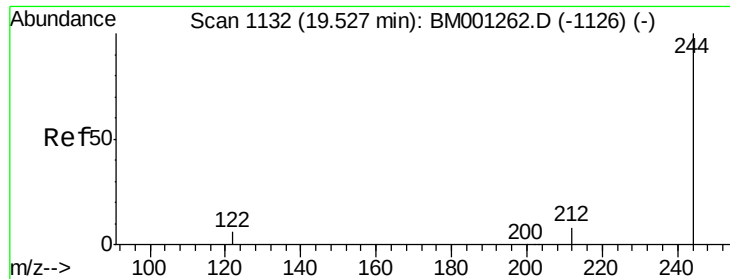
21.00

21.20

21.40

Time-->





#26

Terphenyl-d14

Concen: 8.49 ng

RT: 19.51 min Scan# 1131

Delta R.T. 0.00 min

Lab File: BM001304.D

Acq: 14 May 2015 22:34

Instrument :

BNA_M

ClientSampleId :

050815-P03-E-U-M

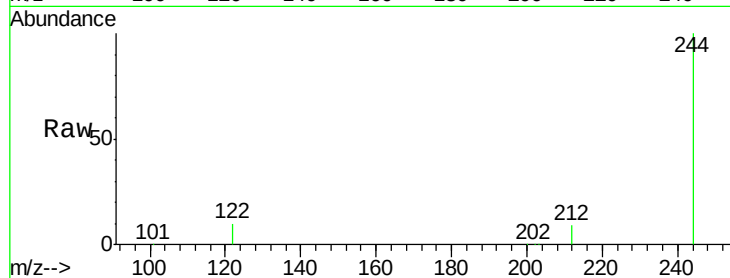
Tgt Ion:244 Resp: 51004

Ion Ratio Lower Upper

244 100

212 9.3 7.2 10.8

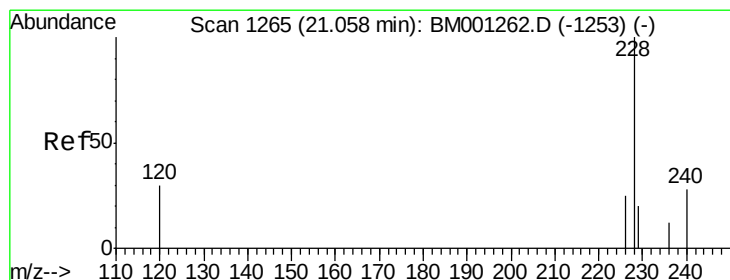
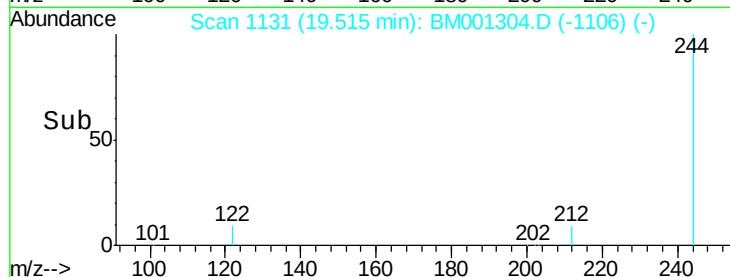
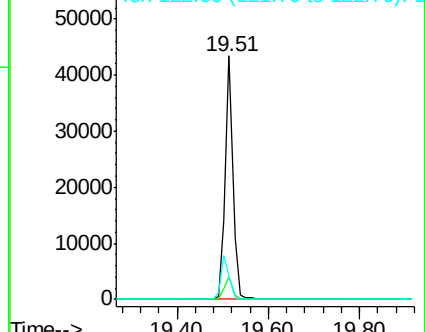
122 9.6 5.6 8.4#



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



#27

Benzo(a)anthracene

Concen: 0.02 ng

RT: 21.06 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BM001304.D

Acq: 14 May 2015 22:34

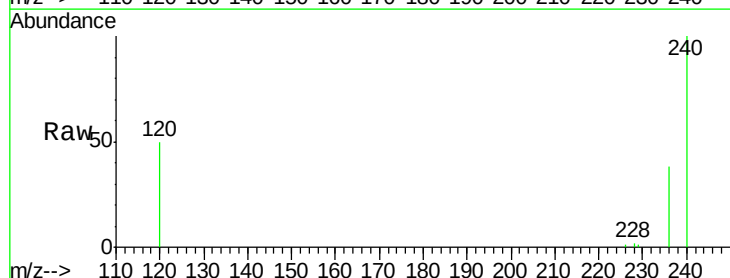
Tgt Ion:228 Resp: 262

Ion Ratio Lower Upper

228 100

226 40.0 20.5 30.7#

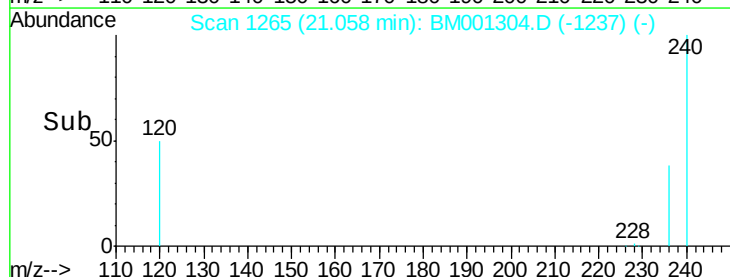
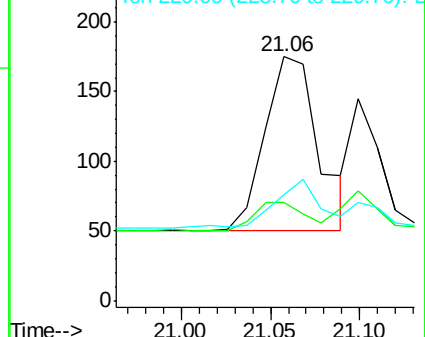
229 43.4 16.2 24.4#

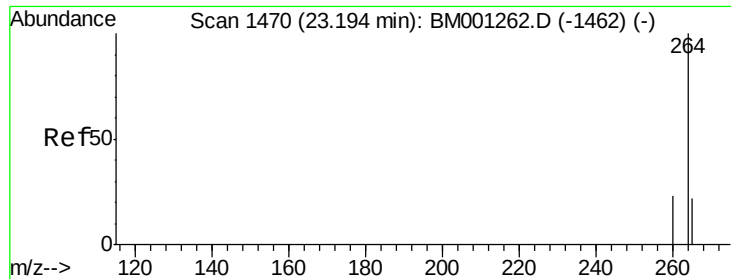


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#30

Perylene-d12

Concen: 5.00 ng

RT: 23.18 min Scan# 1469

Delta R.T. 0.00 min

Lab File: BM001304.D

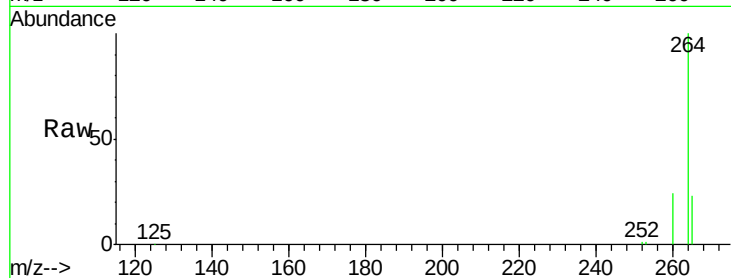
Acq: 14 May 2015 22:34

Instrument :

BNA_M

ClientSampleId :

050815-P03-E-U-M



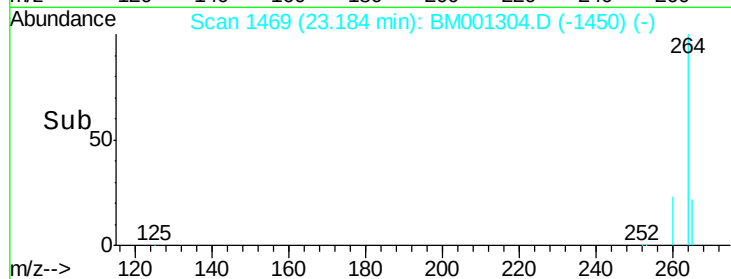
Tgt Ion: 264 Resp: 43177

Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 22.6 18.1 27.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

