

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051615\
 Data File : BM001303.D
 Acq On : 14 May 2015 21:58
 Operator : TP/IZ
 Sample : G2210-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: May 15 05:32:46 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

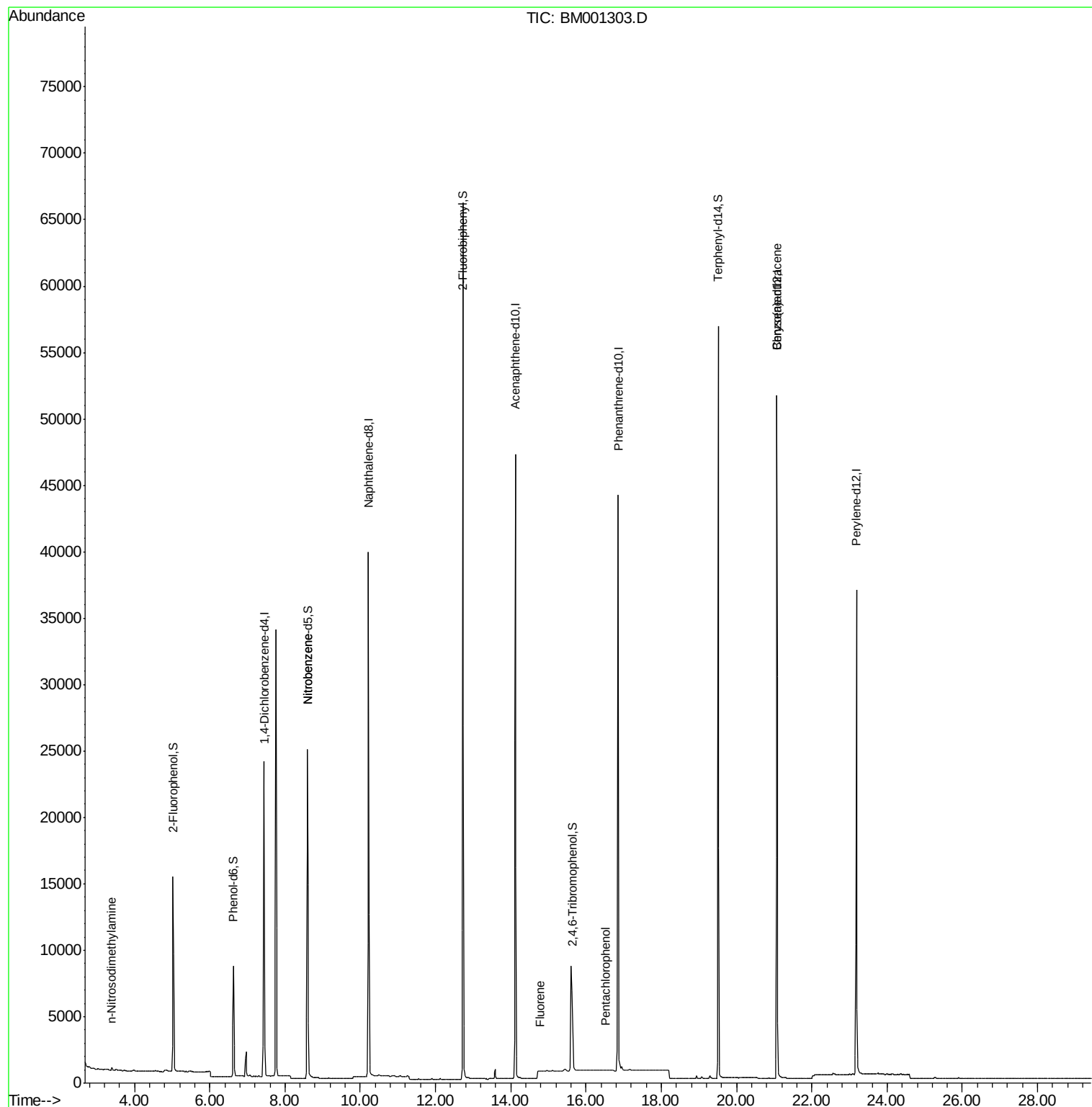
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	14392	5.00	ng	0.00
6) Naphthalene-d8	10.22	136	51471	5.00	ng	0.00
12) Acenaphthene-d10	14.12	164	26544	5.00	ng	0.00
18) Phenanthrene-d10	16.85	188	76330	5.00	ng	0.00
24) Chrysene-d12	21.07	240	46533	5.00	ng	-0.01
30) Perylene-d12	23.18	264	44721	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.02	112	12302	4.39	ng	-0.02
5) Phenol-d6	6.63	99	8704	2.75	ng	0.00
7) Nitrobenzene-d5	8.60	82	21009	6.44	ng	0.00
13) 2,4,6-Tribromophenol	15.63	330	8136	8.94	ng	0.00
14) 2-Fluorobiphenyl	12.73	172	63537	7.71	ng	0.00
26) Terphenyl-d14	19.51	244	54603	8.73	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.40	42	75	0.05	ng	# 1
8) Nitrobenzene	8.60	77	76	0.15	ng	# 36
17) Fluorene	14.77	166	395	0.06	ng	# 1
20) Pentachlorophenol	16.52	266	22	0.43	ng	# 72
27) Benzo(a)anthracene	21.07	228	261	0.02	ng	# 62

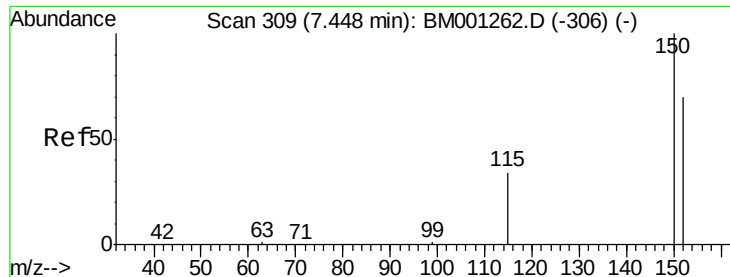
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM001303.D

Acq: 14 May 2015 21:58

Instrument :

BNA_M

ClientSampleId :

050815-P03-E-D-M

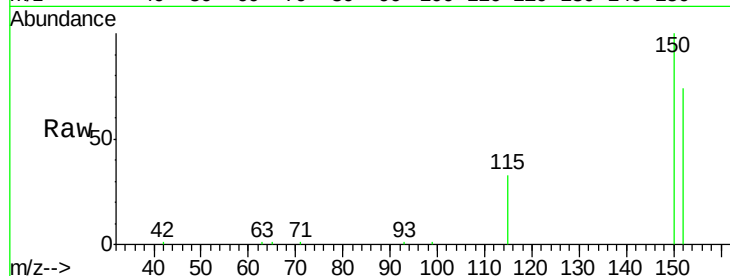
Tgt Ion:152 Resp: 14392

Ion Ratio Lower Upper

152 100

150 134.6 114.6 172.0

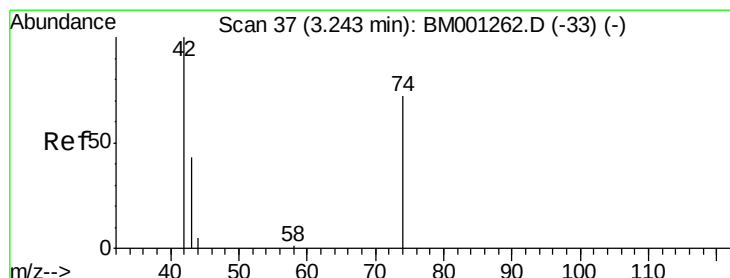
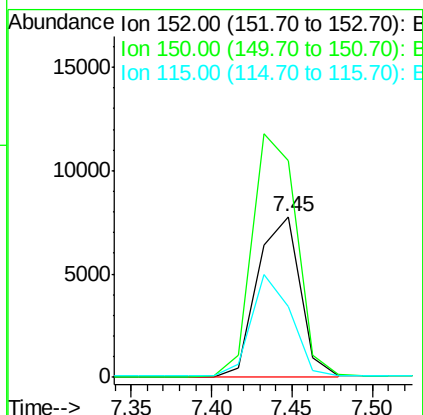
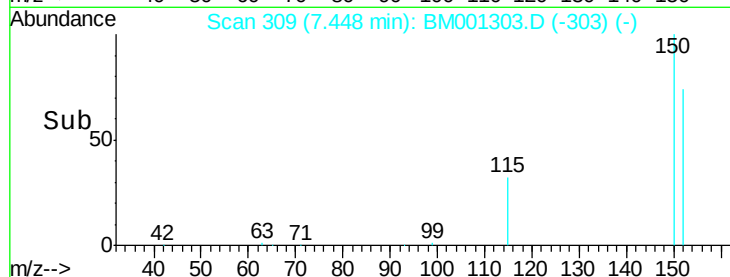
115 44.0 39.3 58.9



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: 0.05 ng

RT: 3.40 min Scan# 47

Delta R.T. 0.15 min

Lab File: BM001303.D

Acq: 14 May 2015 21:58

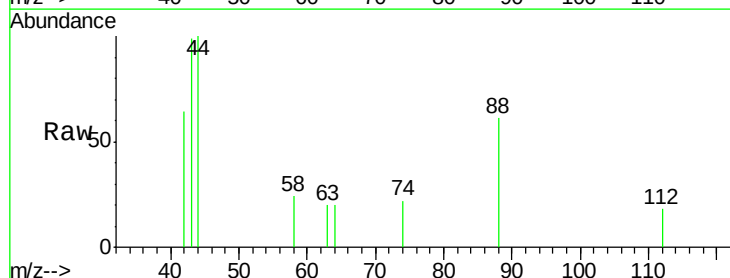
Tgt Ion: 42 Resp: 75

Ion Ratio Lower Upper

42 100

74 0.0 82.1 123.1#

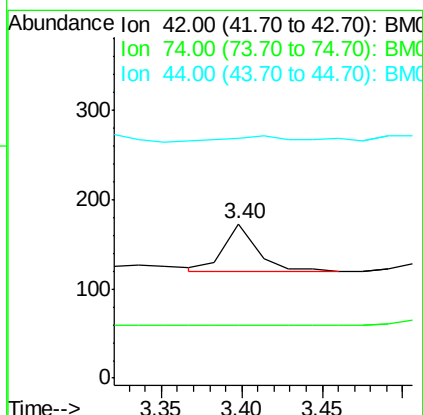
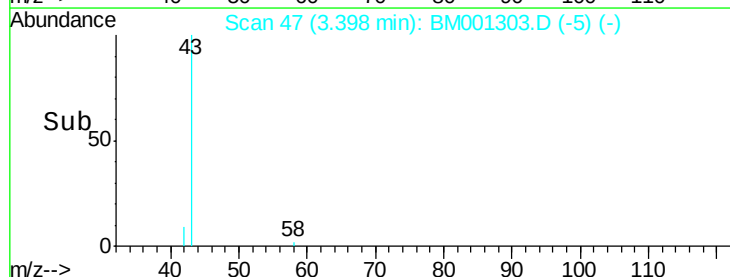
44 24.0 3.0 4.4#

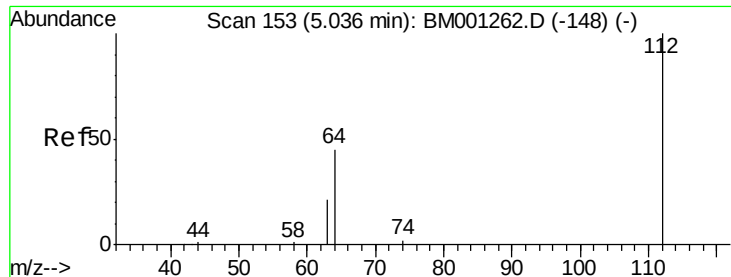


Abundance Ion 42.00 (41.70 to 42.70): BM0

Ion 74.00 (73.70 to 74.70): BM0

Ion 44.00 (43.70 to 44.70): BM0

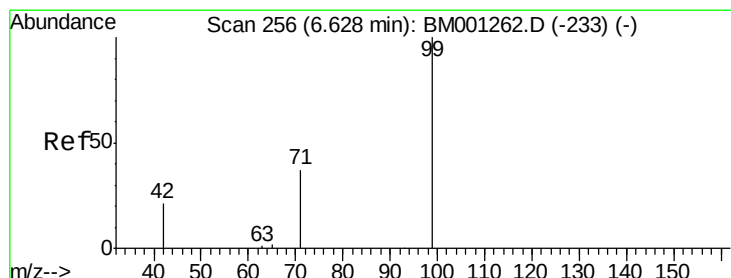
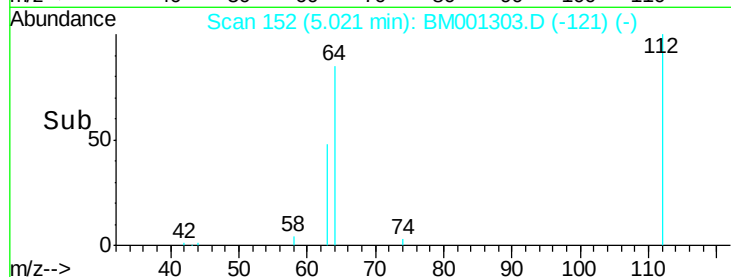
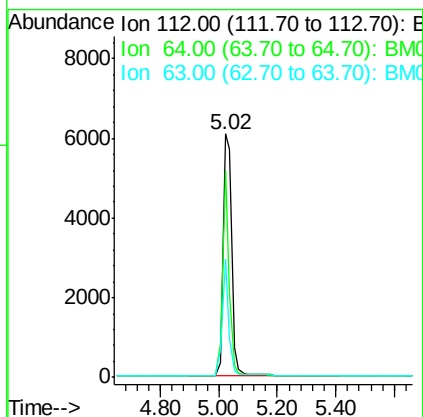
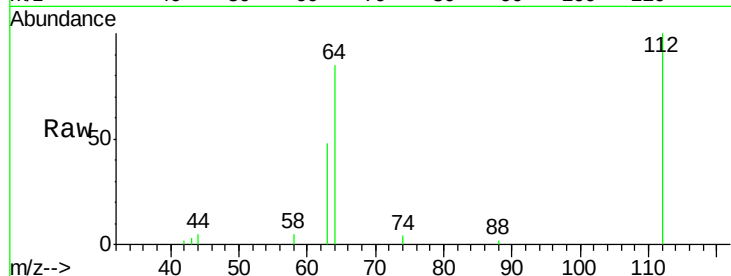




#4
 2-Fluorophenol
 Concen: 4.39 ng
 RT: 5.02 min Scan# 152
 Delta R.T. -0.02 min
 Lab File: BM001303.D
 Acq: 14 May 2015 21:58

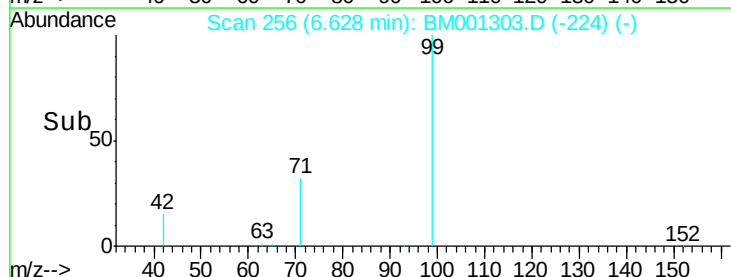
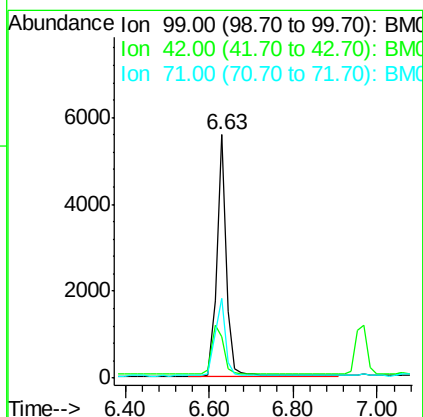
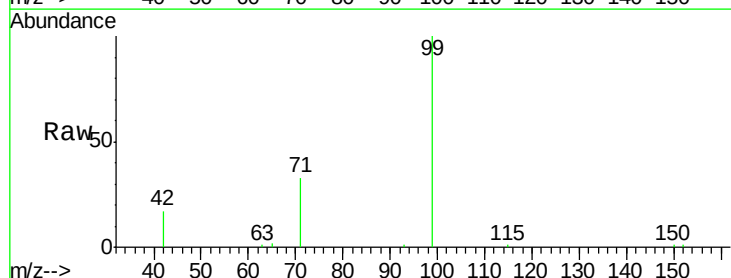
Instrument :
 BNA_M
 ClientSampleId :
 050815-P03-E-D-M

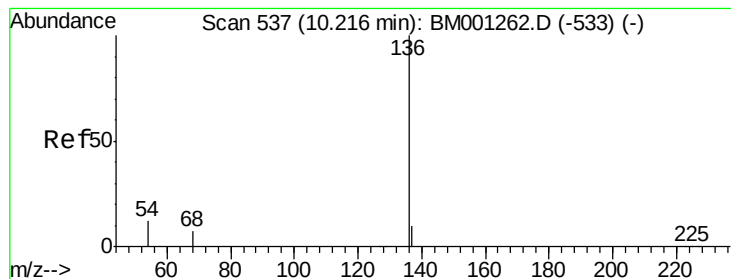
Tgt Ion: 112 Resp: 12302
 Ion Ratio Lower Upper
 112 100
 64 63.8 50.8 76.2
 63 35.5 28.2 42.4



#5
 Phenol-d6
 Concen: 2.75 ng
 RT: 6.63 min Scan# 256
 Delta R.T. 0.00 min
 Lab File: BM001303.D
 Acq: 14 May 2015 21:58

Tgt Ion: 99 Resp: 8704
 Ion Ratio Lower Upper
 99 100
 42 24.1 19.9 29.9
 71 35.7 28.0 42.0





#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.22 min Scan# 537

Delta R.T. 0.00 min

Lab File: BM001303.D

Acq: 14 May 2015 21:58

Instrument :

BNA_M

ClientSampleId :

050815-P03-E-D-M

Tgt Ion: 136 Resp: 51471

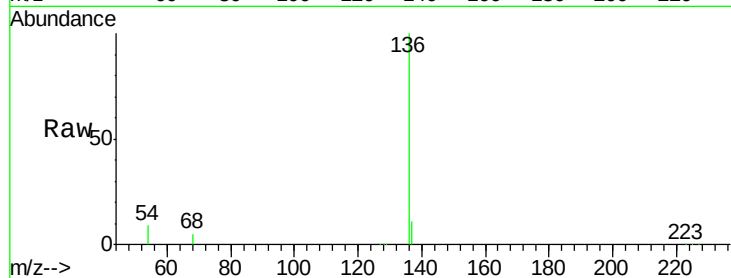
Ion Ratio Lower Upper

136 100

137 10.6 8.2 12.4

54 8.9 9.5 14.3#

68 5.4 5.5 8.3#

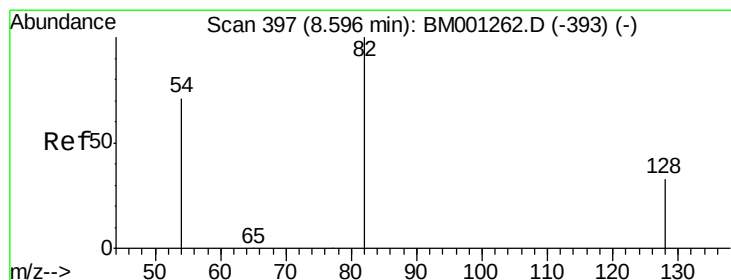
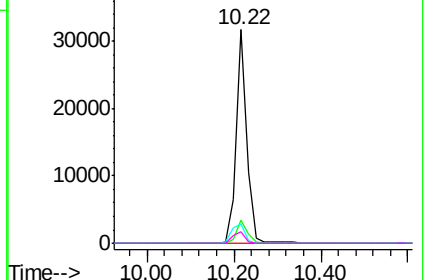
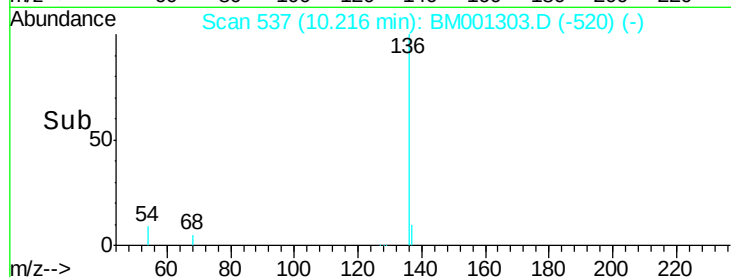


Abundance Ion 136.00 (135.70 to 136.70): E

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: 6.44 ng

RT: 8.60 min Scan# 397

Delta R.T. 0.00 min

Lab File: BM001303.D

Acq: 14 May 2015 21:58

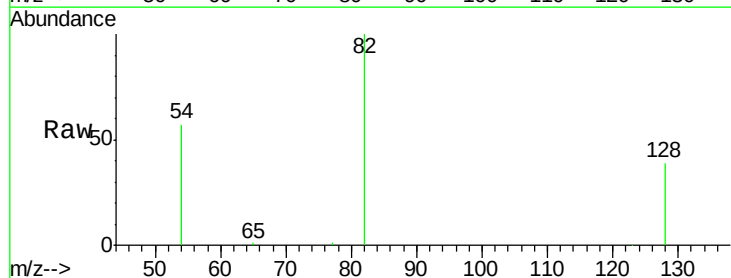
Tgt Ion: 82 Resp: 21009

Ion Ratio Lower Upper

82 100

128 39.3 28.0 42.0

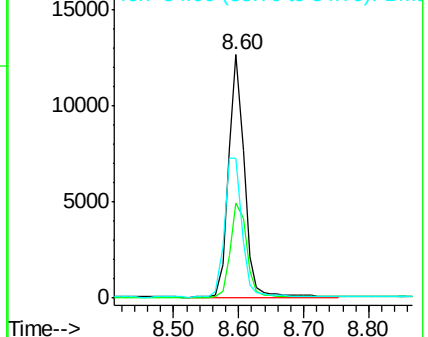
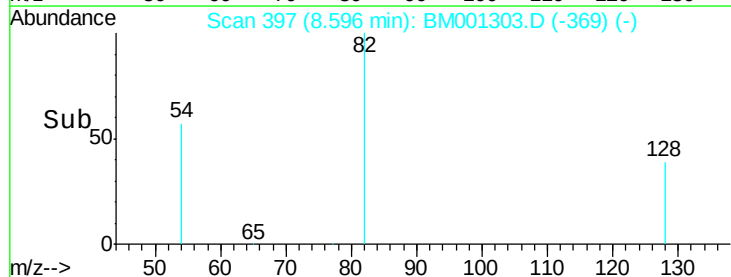
54 57.4 57.3 85.9

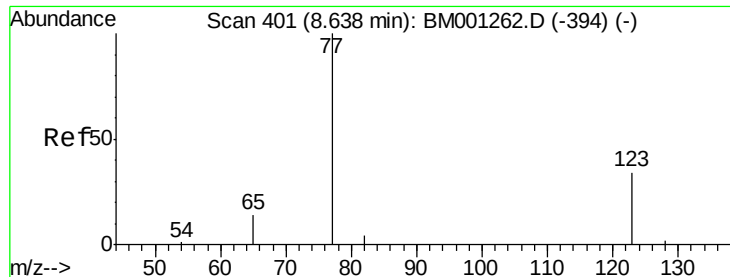


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#8

Nitrobenzene

Concen: 0.15 ng

RT: 8.60 min Scan# 397

Delta R.T. -0.04 min

Lab File: BM001303.D

Acq: 14 May 2015 21:58

Instrument :

BNA_M

ClientSampleId :

050815-P03-E-D-M

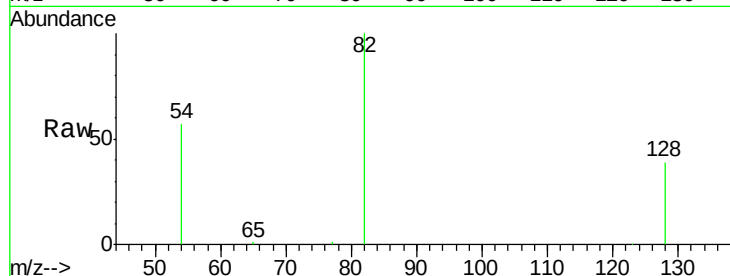
Tgt Ion: 77 Resp: 76

Ion Ratio Lower Upper

77 100

123 0.0 33.4 50.2#

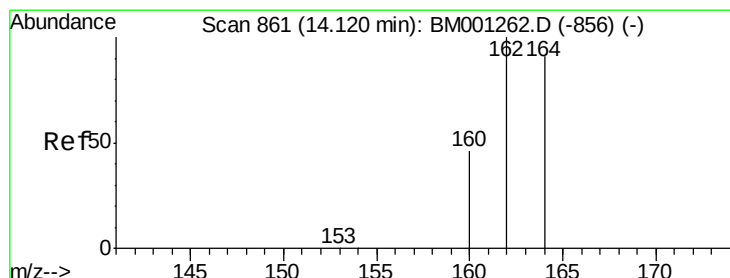
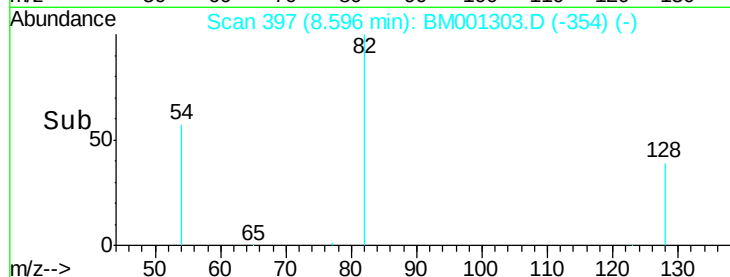
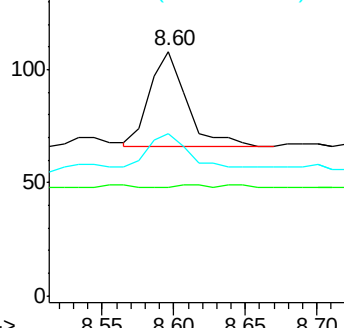
65 35.5 10.6 15.8#



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: BM001303.D

Acq: 14 May 2015 21:58

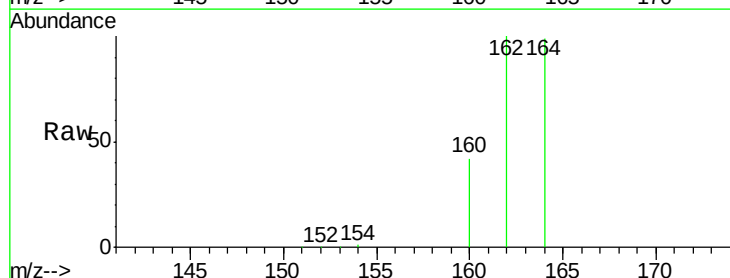
Tgt Ion: 164 Resp: 26544

Ion Ratio Lower Upper

164 100

162 100.9 87.9 131.9

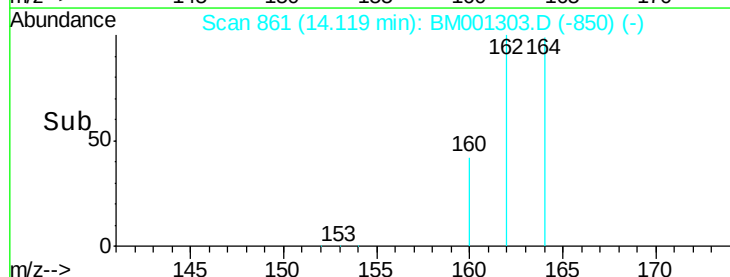
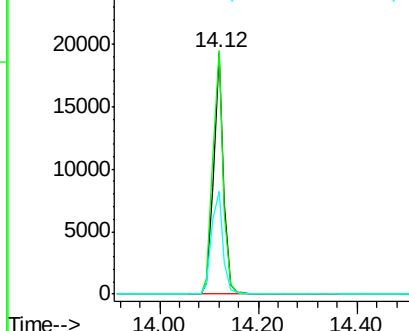
160 42.8 40.9 61.3

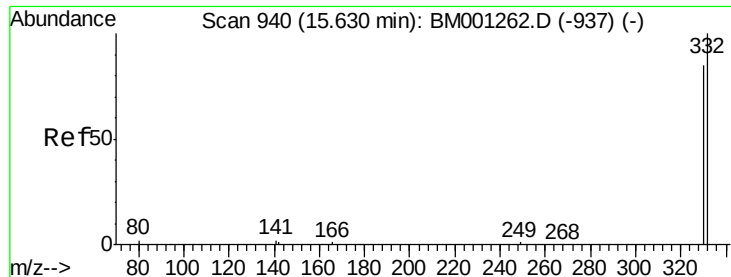


Abundance Ion 164.00 (163.70 to 164.70): BM001262.D (-856) (-)

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

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

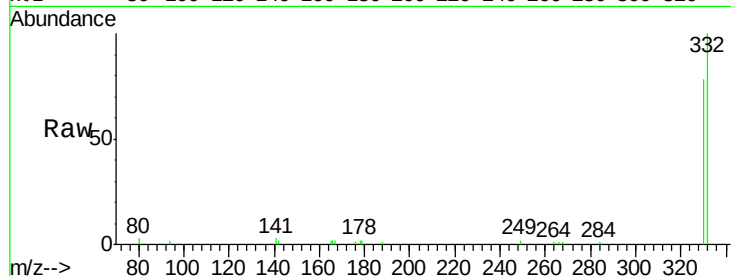




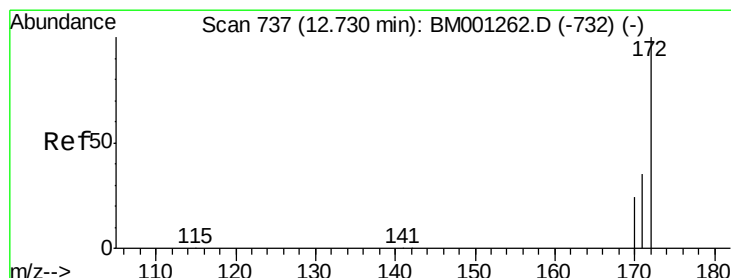
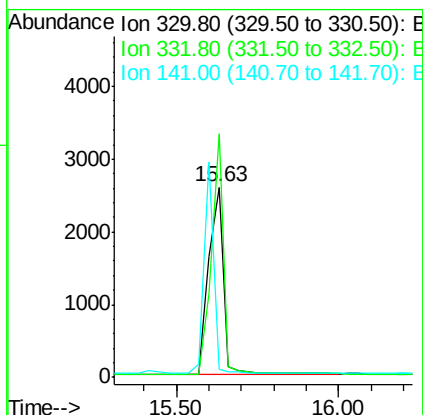
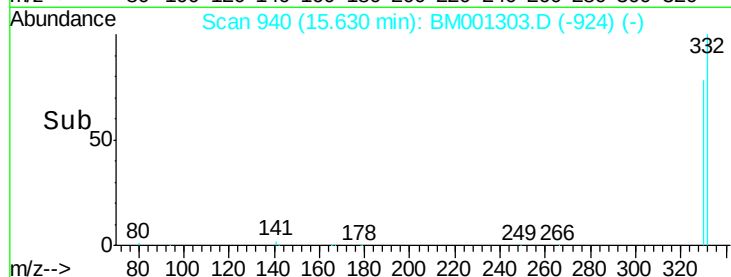
#13
 2,4,6-Tribromophenol
 Concen: 8.94 ng
 RT: 15.63 min Scan# 940
 Delta R.T. 0.00 min
 Lab File: BM001303.D
 Acq: 14 May 2015 21:58

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

Tgt Ion:330 Resp: 8136
 Ion Ratio Lower Upper
 330 100
 332 105.1 89.0 133.4
 141 0.0 0.0 0.0

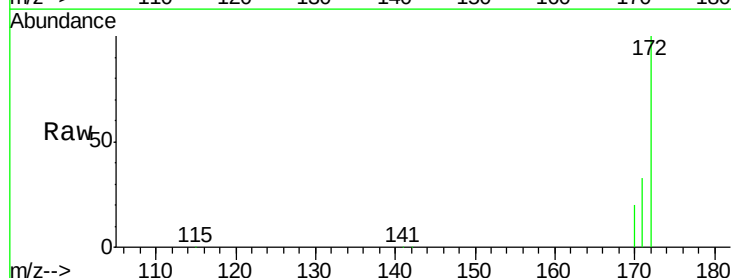


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

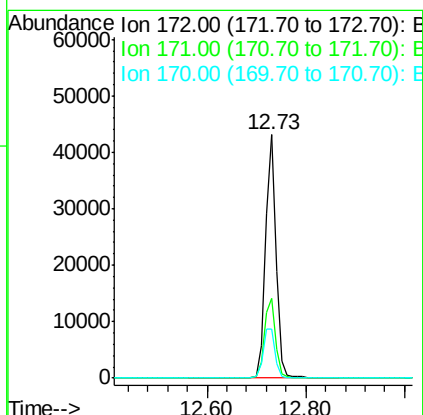
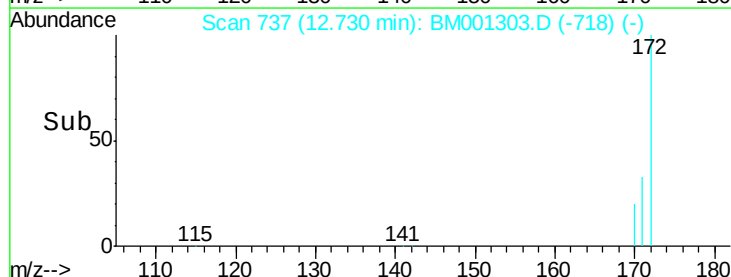


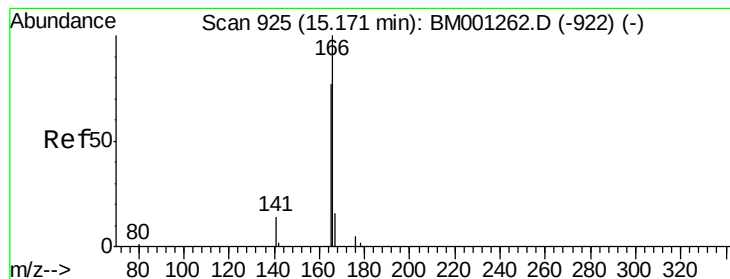
#14
 2-Fluorobiphenyl
 Concen: 7.71 ng
 RT: 12.73 min Scan# 737
 Delta R.T. 0.00 min
 Lab File: BM001303.D
 Acq: 14 May 2015 21:58

Tgt Ion:172 Resp: 63537
 Ion Ratio Lower Upper
 172 100
 171 32.6 28.7 43.1
 170 20.3 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: 0.06 ng

RT: 14.77 min Scan# 912

Delta R.T. -0.40 min

Lab File: BM001303.D

Acq: 14 May 2015 21:58

Instrument :

BNA_M

ClientSampleId :

050815-P03-E-D-M

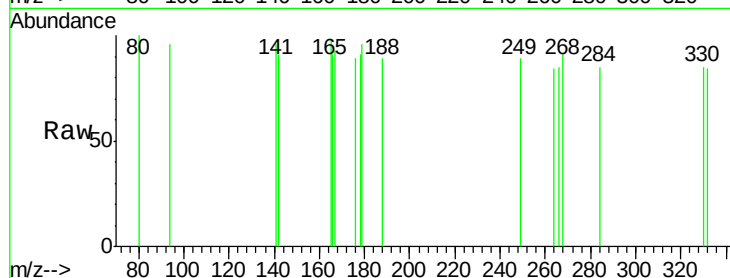
Tgt Ion:166 Resp: 395

Ion Ratio Lower Upper

166 100

165 0.0 70.6 106.0#

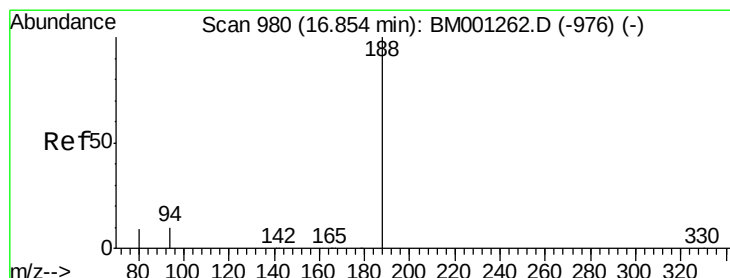
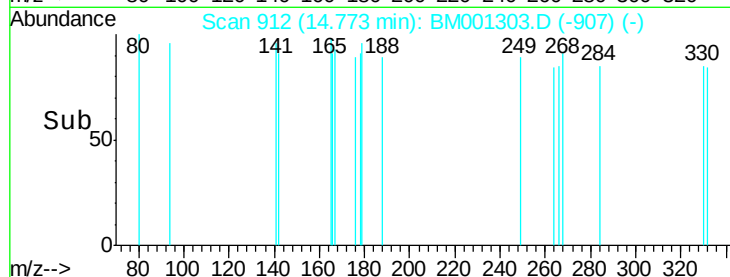
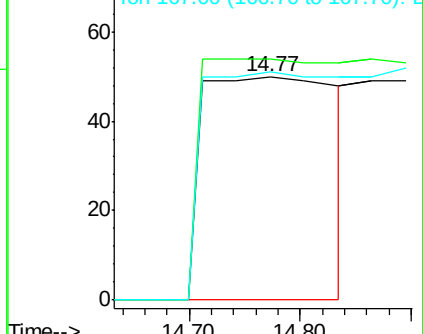
167 79.2 11.3 16.9#



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: BM001303.D

Acq: 14 May 2015 21:58

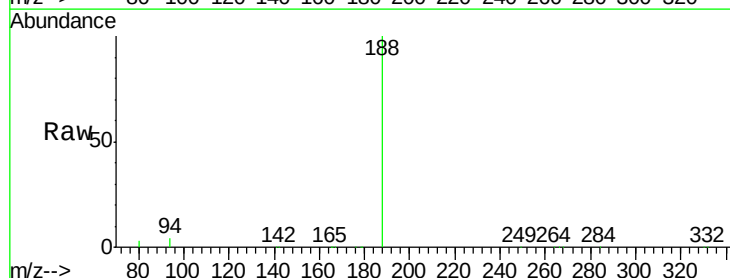
Tgt Ion:188 Resp: 76330

Ion Ratio Lower Upper

188 100

94 4.0 7.8 11.8#

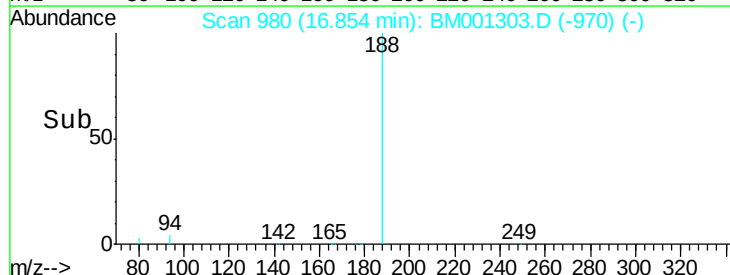
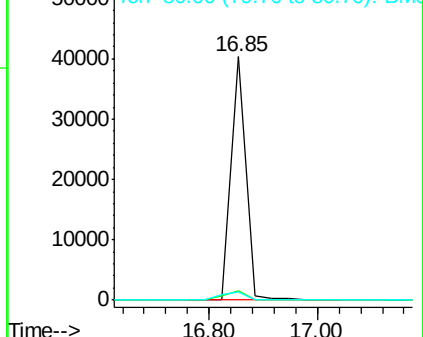
80 3.5 7.5 11.3#

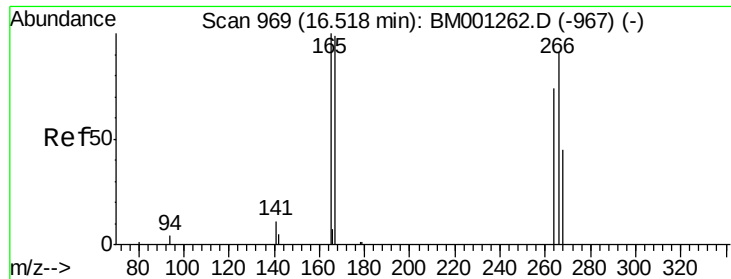


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

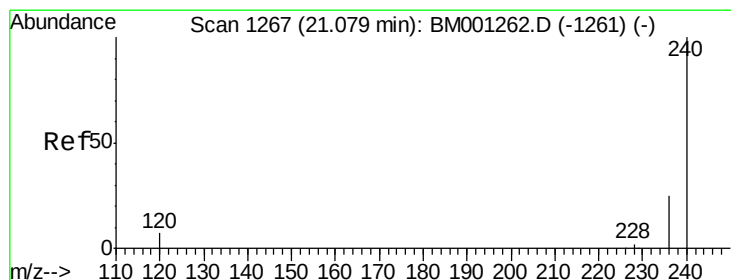
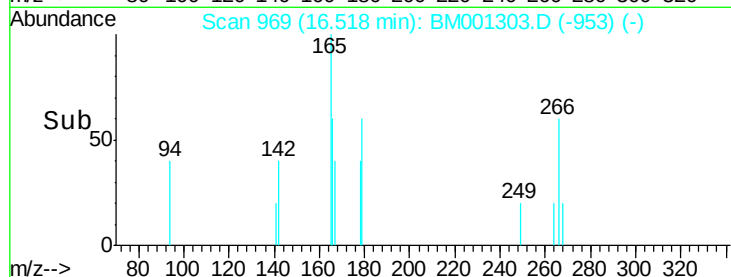
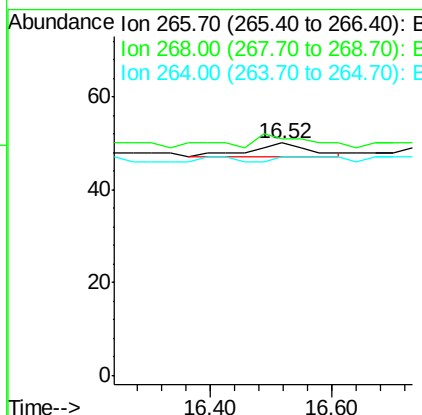
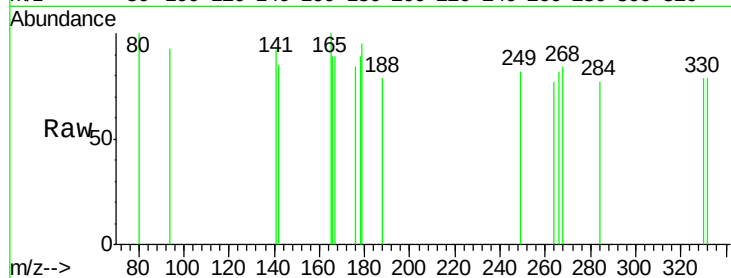




#20
 Pentachlorophenol
 Concen: 0.43 ng
 RT: 16.52 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: BM001303.D
 Acq: 14 May 2015 21:58

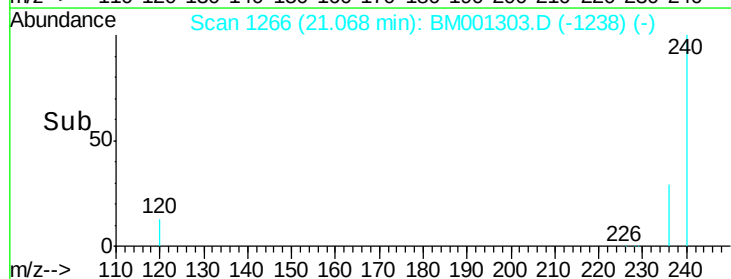
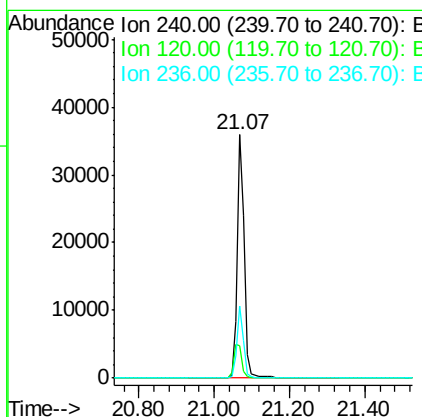
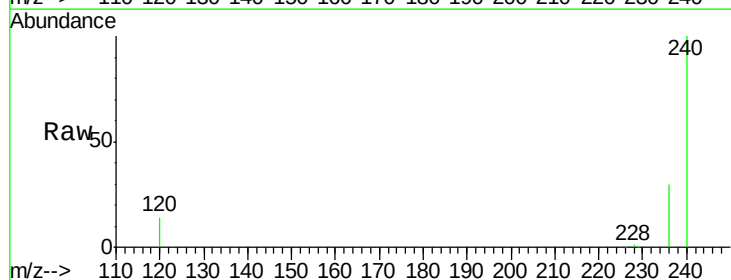
Instrument :
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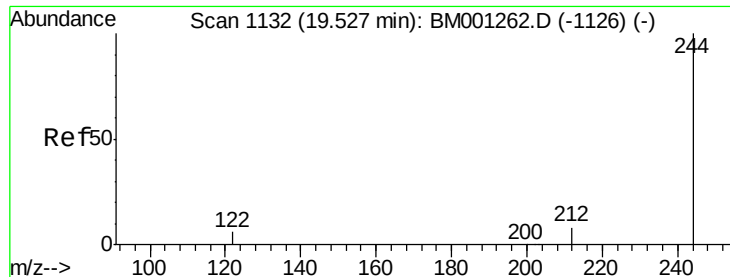
Tgt Ion:266 Resp: 22
 Ion Ratio Lower Upper
 266 100
 268 102.0 49.4 74.0#
 264 94.0 67.8 101.6



#24
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.07 min Scan# 1266
 Delta R.T. -0.01 min
 Lab File: BM001303.D
 Acq: 14 May 2015 21:58

Tgt Ion:240 Resp: 46533
 Ion Ratio Lower Upper
 240 100
 120 13.6 5.5 8.3#
 236 29.6 20.4 30.6

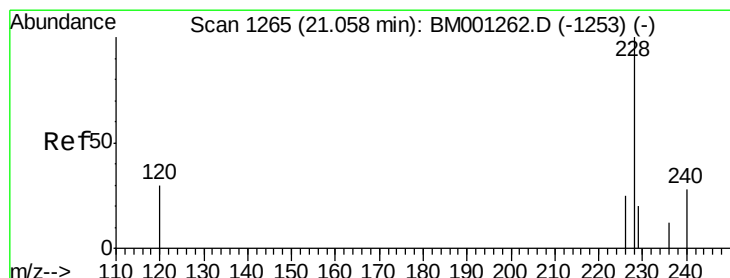
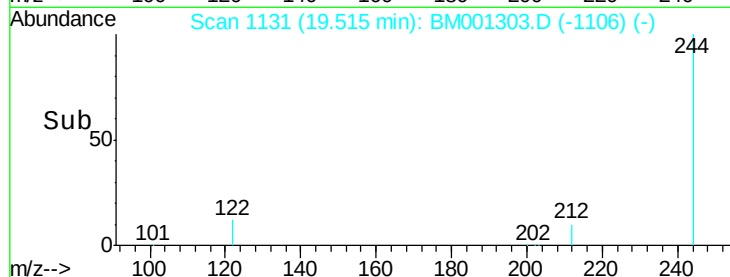
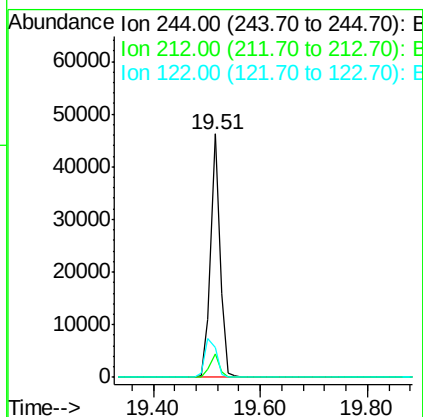
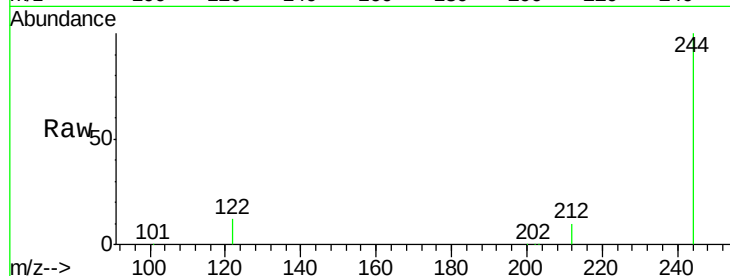




#26
 Terphenyl-d14
 Concen: 8.73 ng
 RT: 19.51 min Scan# 1131
 Delta R.T. 0.00 min
 Lab File: BM001303.D
 Acq: 14 May 2015 21:58

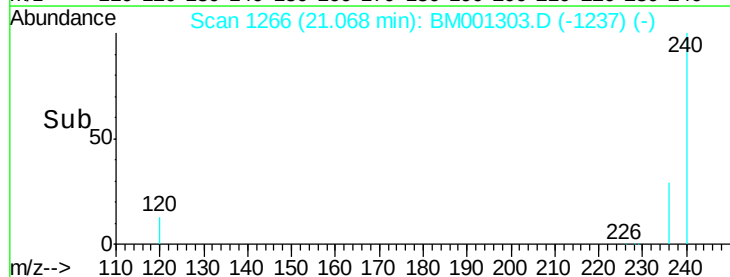
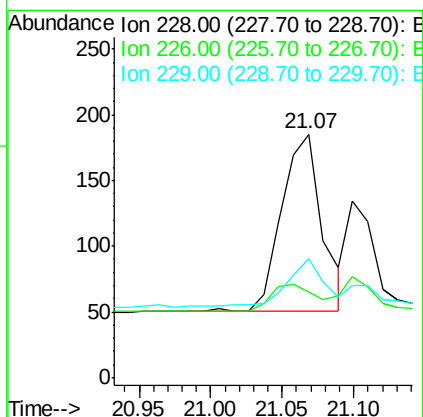
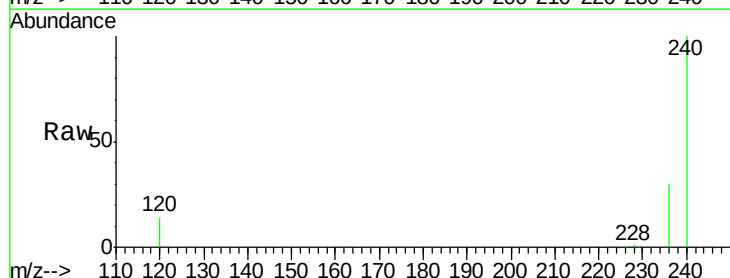
Instrument :
 BNA_M
 ClientSampleId :
 050815-P03-E-D-M

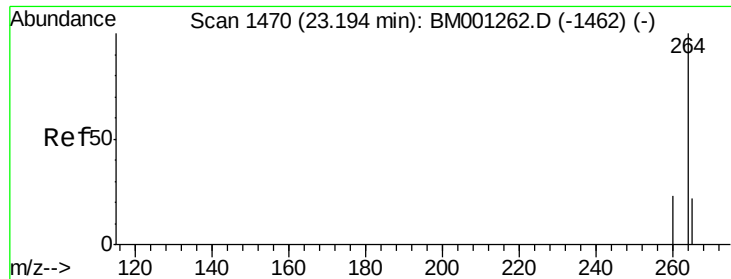
Tgt Ion: 244 Resp: 54603
 Ion Ratio Lower Upper
 244 100
 212 9.7 7.2 10.8
 122 12.3 5.6 8.4#



#27
 Benzo(a)anthracene
 Concen: 0.02 ng
 RT: 21.07 min Scan# 1266
 Delta R.T. 0.01 min
 Lab File: BM001303.D
 Acq: 14 May 2015 21:58

Tgt Ion: 228 Resp: 261
 Ion Ratio Lower Upper
 228 100
 226 35.1 20.5 30.7#
 229 48.6 16.2 24.4#





#30

Perylene-d12

Concen: 5.00 ng

RT: 23.18 min Scan# 1469

Delta R.T. 0.00 min

Lab File: BM001303.D

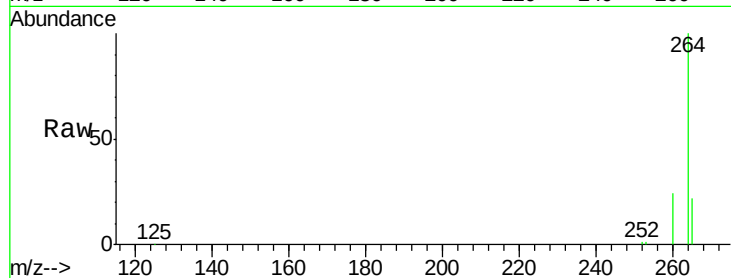
Acq: 14 May 2015 21:58

Instrument :

BNA_M

ClientSampleId :

050815-P03-E-D-M



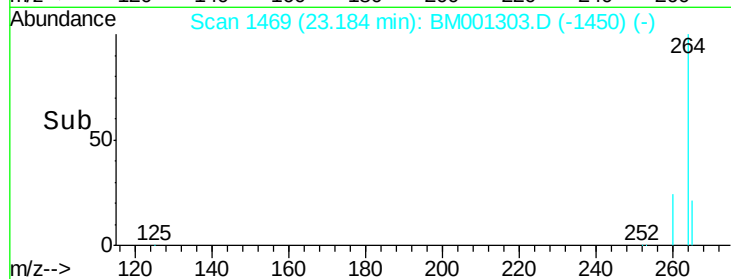
Tgt Ion:264 Resp: 44721

Ion Ratio Lower Upper

264 100

260 24.4 18.9 28.3

265 22.0 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

