

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051815\
 Data File : BM001328.D
 Acq On : 15 May 2015 15:19
 Operator : TP/IZ
 Sample : G2182-02RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 S32-0483

Quant Time: May 16 01:50:19 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 16 01:36:33 2015
 Response via : Initial Calibration

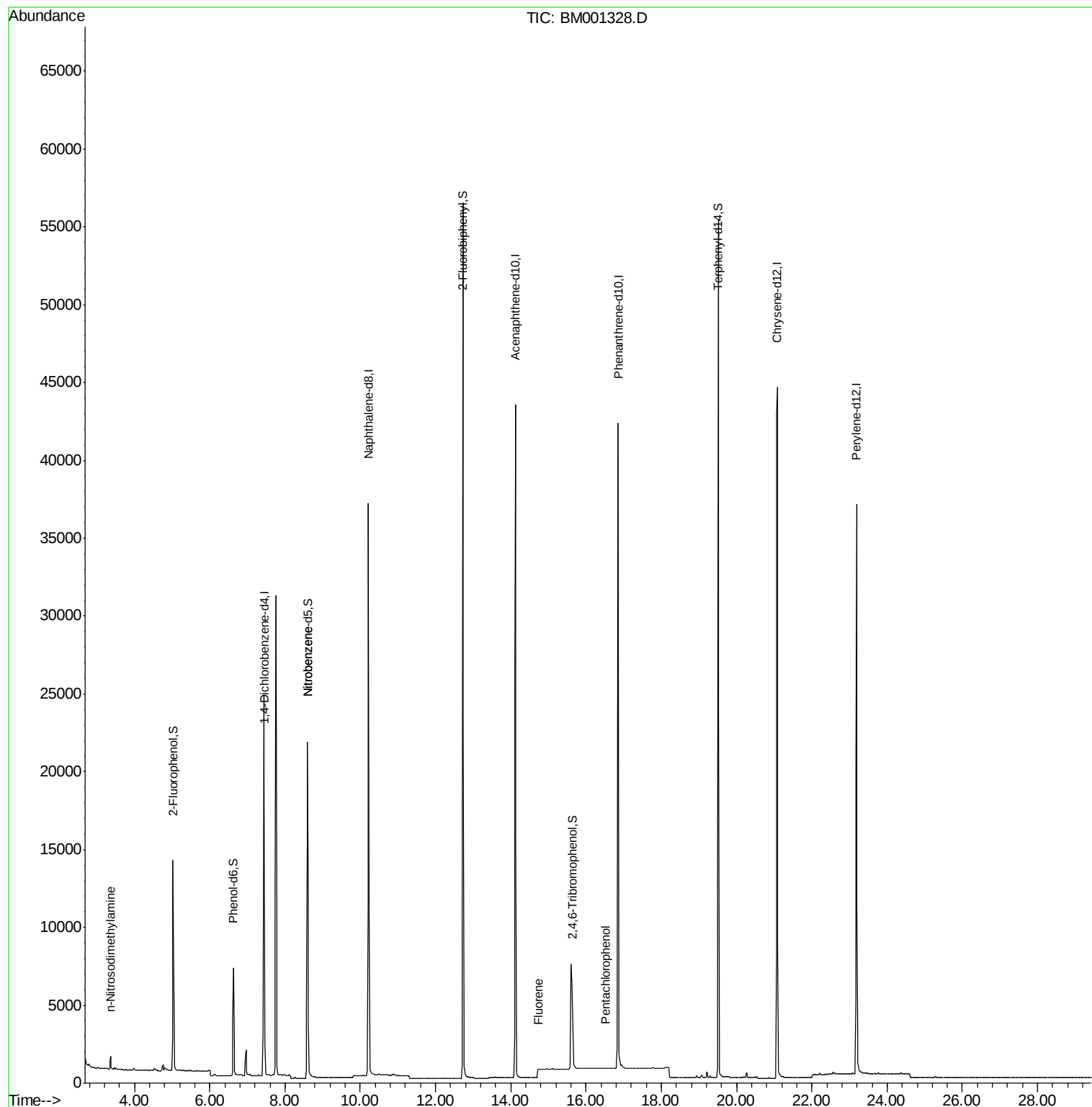
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	14104	5.00	ng	0.02
6) Naphthalene-d8	10.22	136	48974	5.00	ng	0.00
12) Acenaphthene-d10	14.12	164	25198	5.00	ng	0.00
18) Phenanthrene-d10	16.85	188	73067	5.00	ng	0.00
24) Chrysene-d12	21.08	240	47192	5.00	ng	0.01
30) Perylene-d12	23.18	264	45502	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.02	112	10990	4.00	ng	0.00
5) Phenol-d6	6.63	99	7511	2.42	ng	0.00
7) Nitrobenzene-d5	8.60	82	18575	5.99	ng	0.00
13) 2,4,6-Tribromophenol	15.63	330	7373	8.53	ng	0.03
14) 2-Fluorobiphenyl	12.73	172	56526	7.23	ng	0.00
26) Terphenyl-d14	19.51	244	54085	8.53	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.37	42	108	0.07	ng	# 1
8) Nitrobenzene	8.60	77	66	0.15	ng	# 31
17) Fluorene	14.74	166	356	0.06	ng	# 14
20) Pentachlorophenol	16.52	266	22	0.43	ng	# 74

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

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QLast Update : Sat May 16 01:36:33 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.45 min Scan# 309

Delta R.T. 0.02 min

Lab File: BM001328.D

Acq: 15 May 2015 15:19

Instrument :

BNA_M

ClientSampleId :

S32-0483

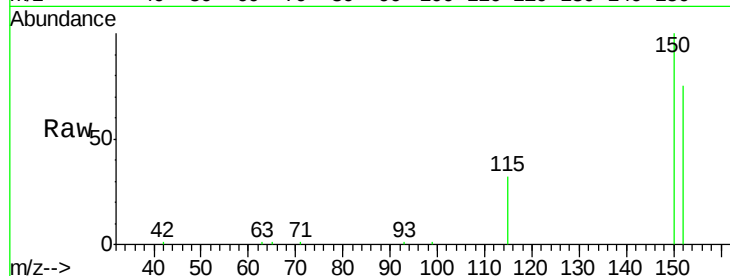
Tgt Ion:152 Resp: 14104

Ion Ratio Lower Upper

152 100

150 133.5 114.6 172.0

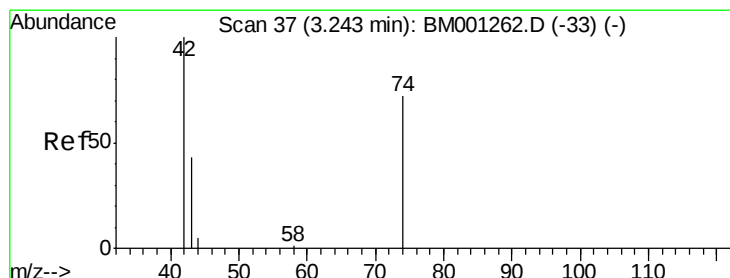
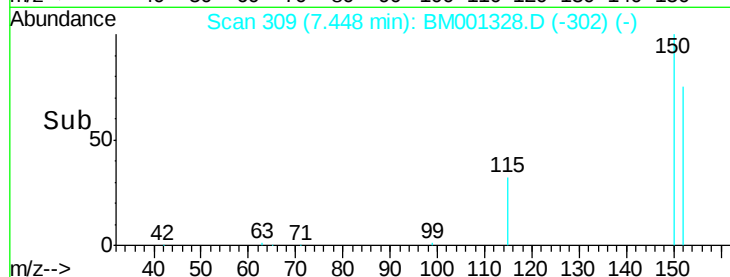
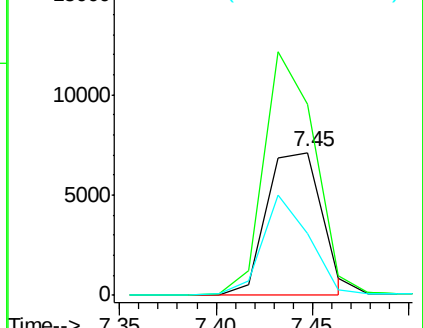
115 42.9 39.3 58.9



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: 0.07 ng

RT: 3.37 min Scan# 45

Delta R.T. 0.12 min

Lab File: BM001328.D

Acq: 15 May 2015 15:19

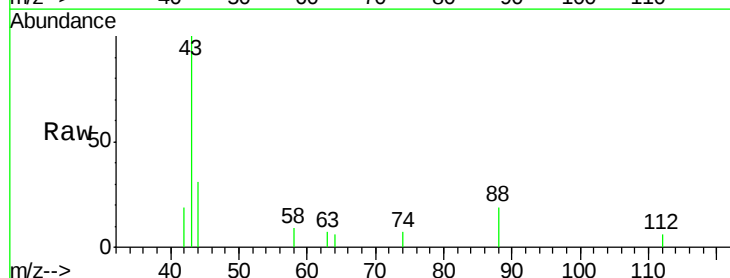
Tgt Ion: 42 Resp: 108

Ion Ratio Lower Upper

42 100

74 0.0 82.1 123.1#

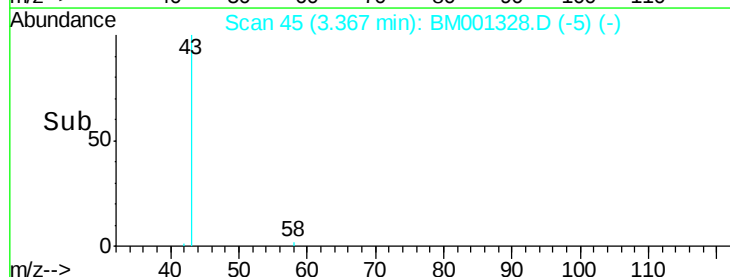
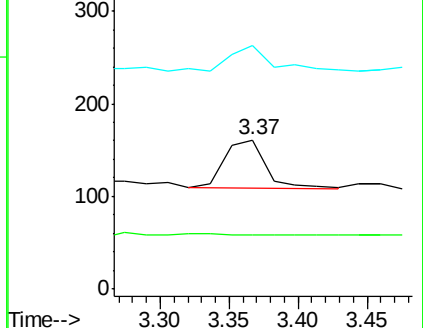
44 70.4 3.0 4.4#

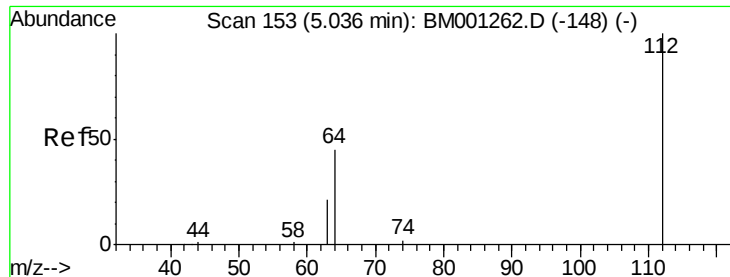


Abundance Ion 42.00 (41.70 to 42.70): BM0

Ion 74.00 (73.70 to 74.70): BM0

Ion 44.00 (43.70 to 44.70): BM0





#4

2-Fluorophenol

Concen: 4.00 ng

RT: 5.02 min Scan# 152

Delta R.T. 0.00 min

Lab File: BM001328.D

Acq: 15 May 2015 15:19

Instrument :

BNA_M

ClientSampleId :

S32-0483

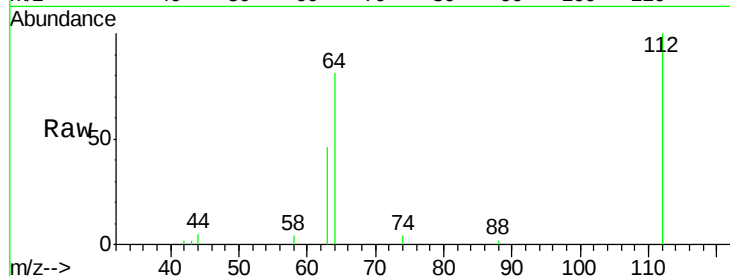
Tgt Ion: 112 Resp: 10990

Ion Ratio Lower Upper

112 100

64 64.8 50.8 76.2

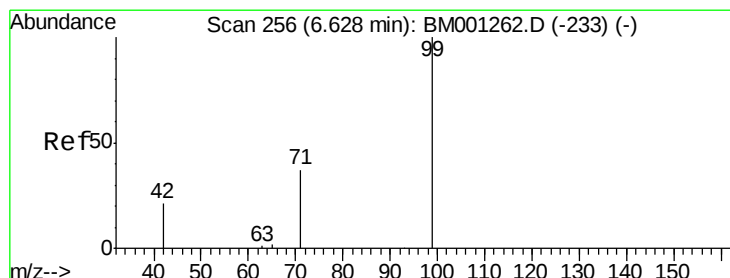
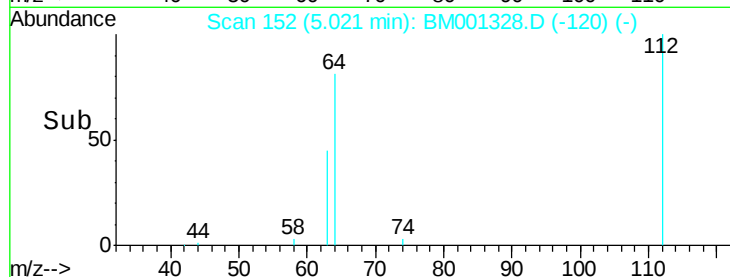
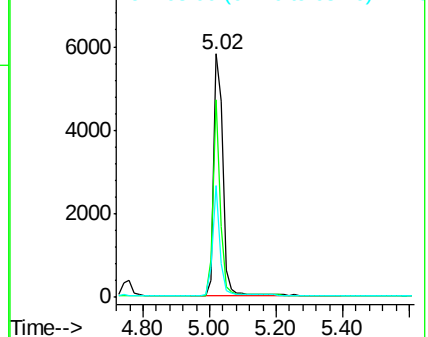
63 36.0 28.2 42.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#5

Phenol-d6

Concen: 2.42 ng

RT: 6.63 min Scan# 256

Delta R.T. 0.00 min

Lab File: BM001328.D

Acq: 15 May 2015 15:19

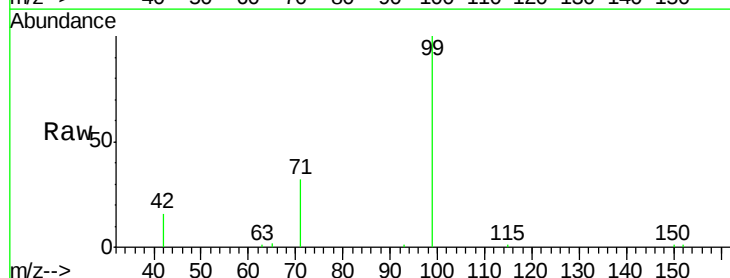
Tgt Ion: 99 Resp: 7511

Ion Ratio Lower Upper

99 100

42 24.6 19.9 29.9

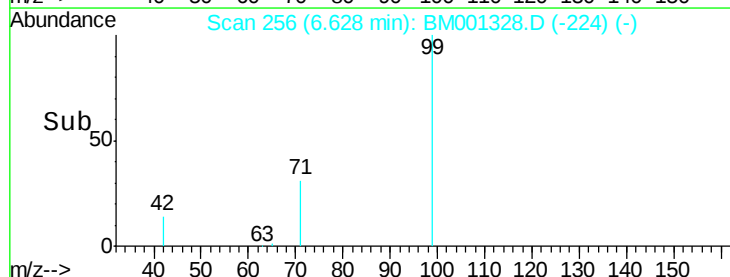
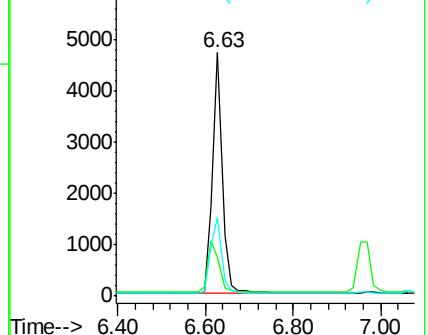
71 35.3 28.0 42.0

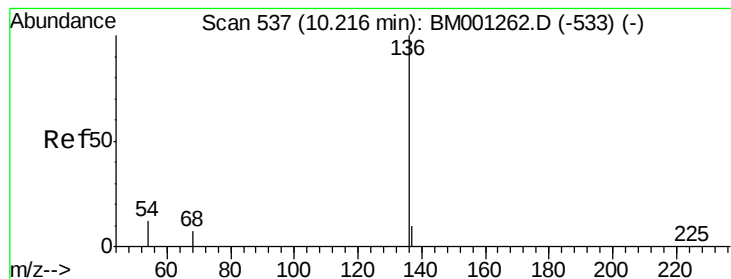


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.22 min Scan# 537

Delta R.T. 0.00 min

Lab File: BM001328.D

Acq: 15 May 2015 15:19

Instrument :

BNA_M

ClientSampleId :

S32-0483

Tgt Ion:136 Resp: 48974

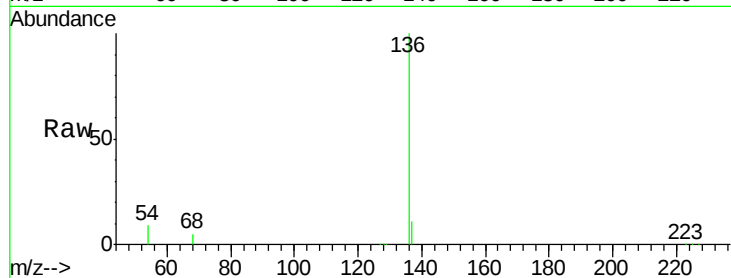
Ion Ratio Lower Upper

136 100

137 10.7 8.2 12.4

54 8.7 9.5 14.3#

68 5.3 5.5 8.3#

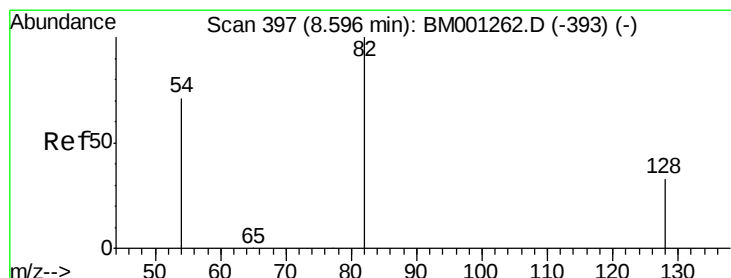
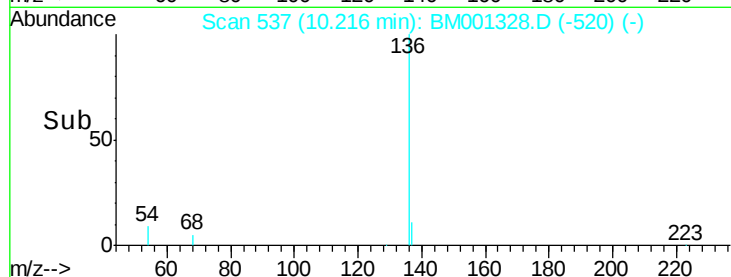
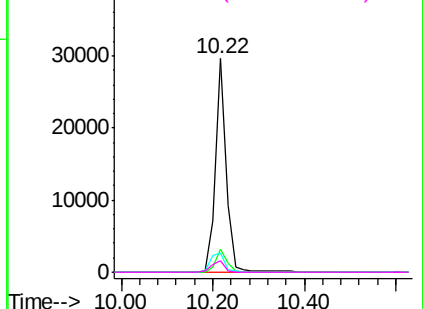


Abundance Ion 136.00 (135.70 to 136.70): E

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: 5.99 ng

RT: 8.60 min Scan# 397

Delta R.T. 0.00 min

Lab File: BM001328.D

Acq: 15 May 2015 15:19

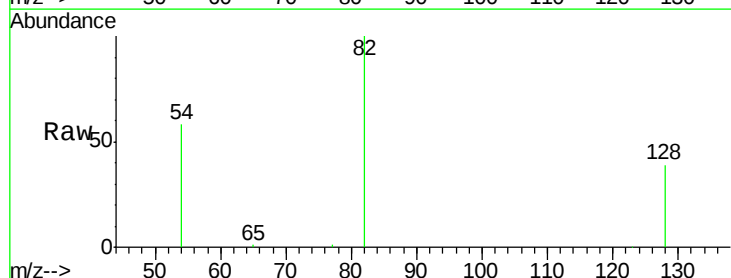
Tgt Ion: 82 Resp: 18575

Ion Ratio Lower Upper

82 100

128 39.4 28.0 42.0

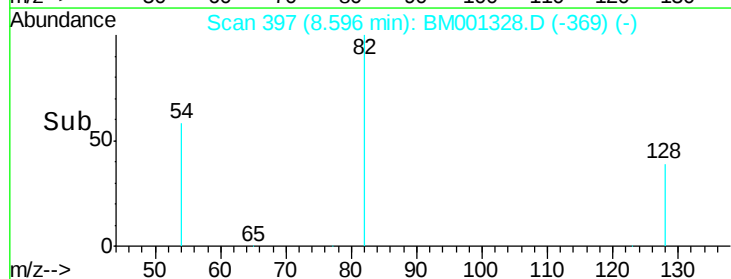
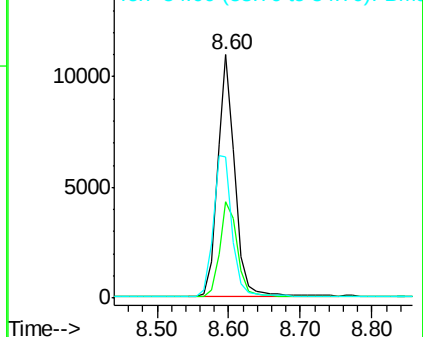
54 58.0 57.3 85.9

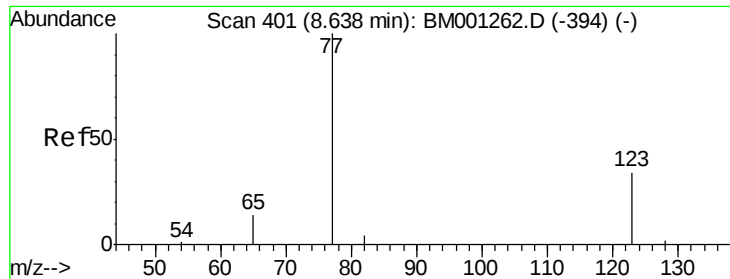


Abundance Ion 82.00 (81.70 to 82.70): BM

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: BM001328.D

Acq: 15 May 2015 15:19

Instrument :

BNA_M

ClientSampleId :

S32-0483

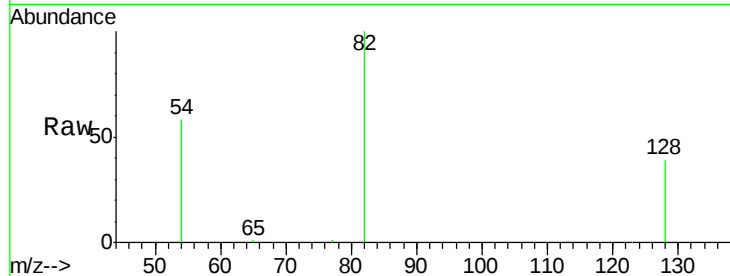
Tgt Ion: 77 Resp: 66

Ion Ratio Lower Upper

77 100

123 0.0 33.4 50.2#

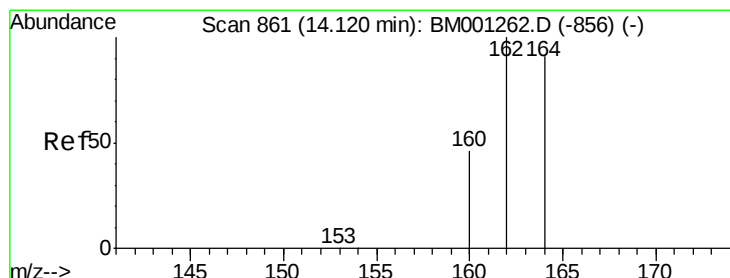
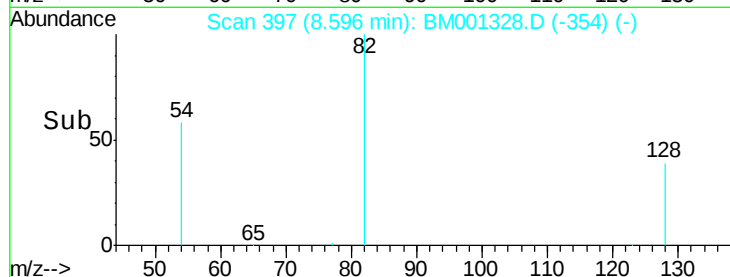
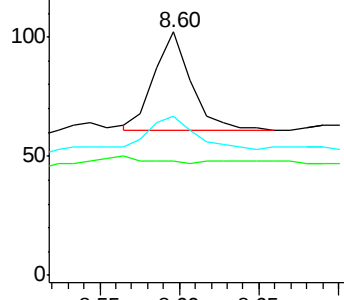
65 43.9 10.6 15.8#



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: BM001328.D

Acq: 15 May 2015 15:19

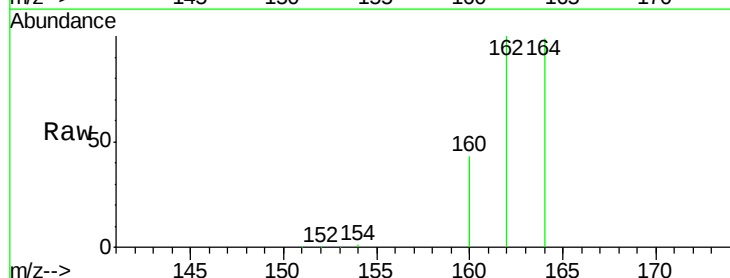
Tgt Ion: 164 Resp: 25198

Ion Ratio Lower Upper

164 100

162 101.1 87.9 131.9

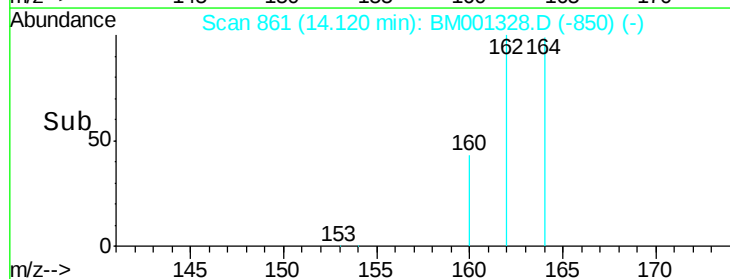
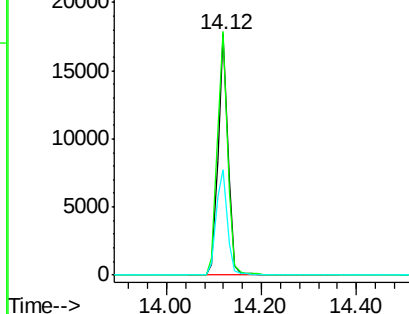
160 43.9 40.9 61.3

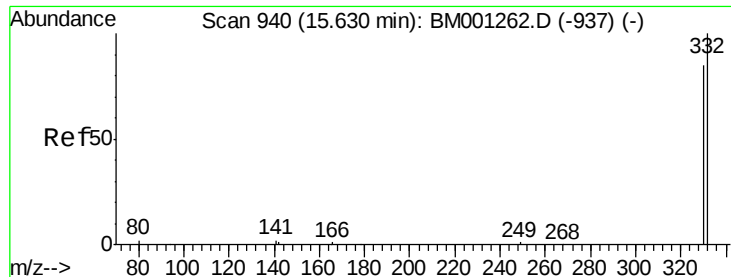


Abundance Ion 164.00 (163.70 to 164.70): BM001262.D (-856) (-)

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

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

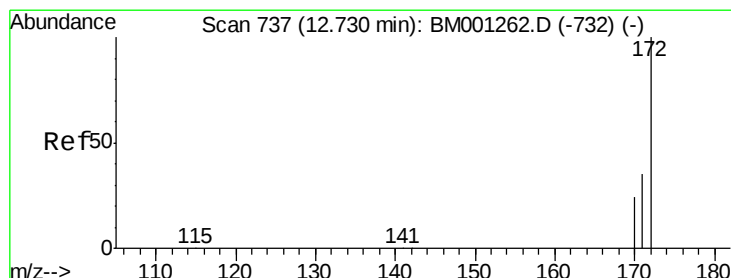
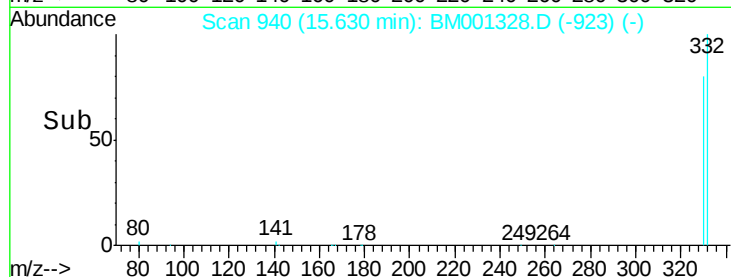
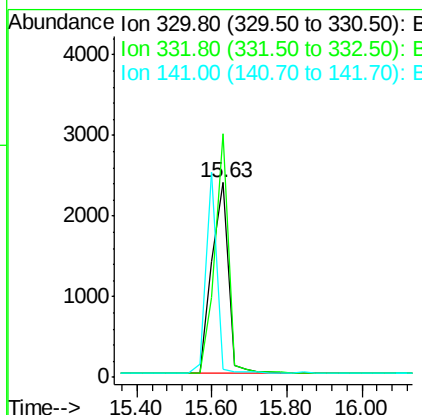
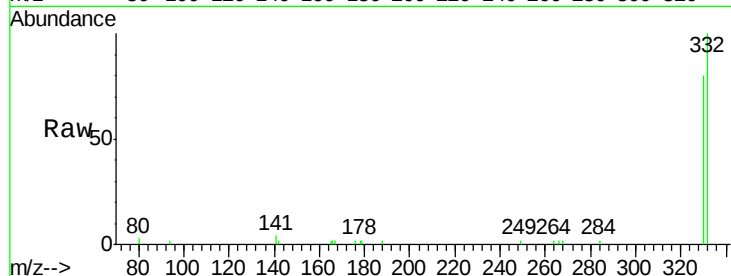




#13
 2,4,6-Tribromophenol
 Concen: 8.53 ng
 RT: 15.63 min Scan# 940
 Delta R.T. 0.03 min
 Lab File: BM001328.D
 Acq: 15 May 2015 15:19

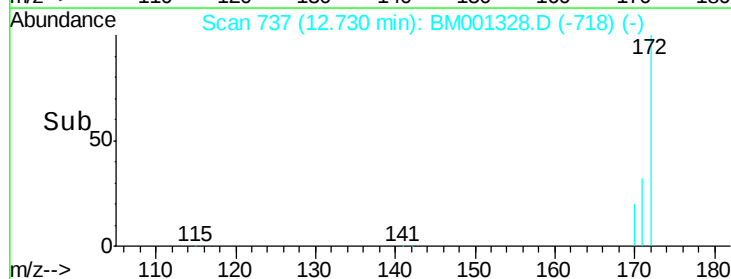
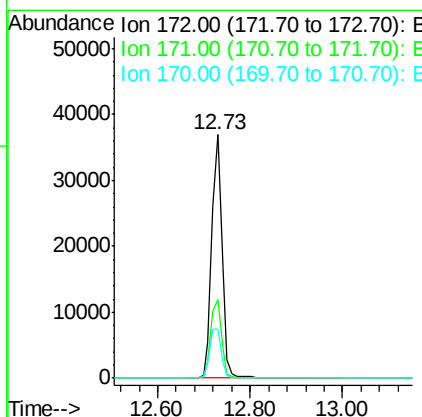
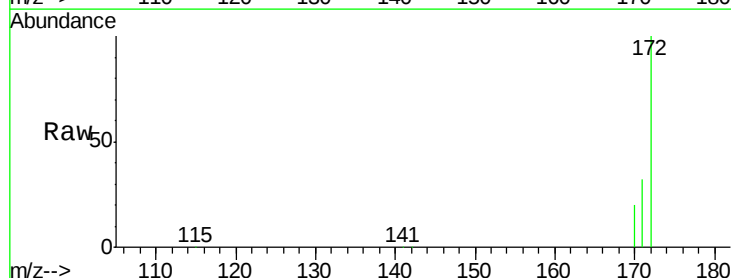
Instrument :
 BNA_M
 ClientSampleId :
 S32-0483

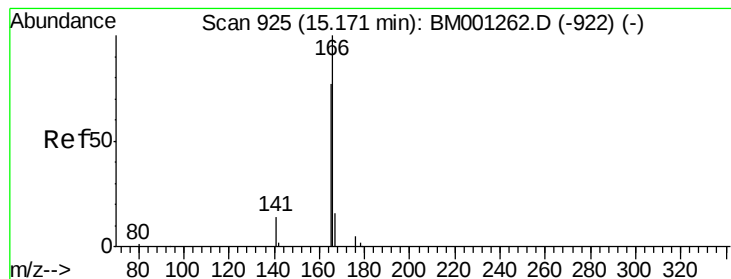
Tgt Ion:330 Resp: 7373
 Ion Ratio Lower Upper
 330 100
 332 104.0 89.0 133.4
 141 0.0 0.0 0.0



#14
 2-Fluorobiphenyl
 Concen: 7.23 ng
 RT: 12.73 min Scan# 737
 Delta R.T. 0.00 min
 Lab File: BM001328.D
 Acq: 15 May 2015 15:19

Tgt Ion:172 Resp: 56526
 Ion Ratio Lower Upper
 172 100
 171 32.3 28.7 43.1
 170 19.9 19.5 29.3





#17

Fluorene

Concen: 0.06 ng

RT: 14.74 min Scan# 911

Delta R.T. -0.40 min

Lab File: BM001328.D

Acq: 15 May 2015 15:19

Instrument :

BNA_M

ClientSampleId :

S32-0483

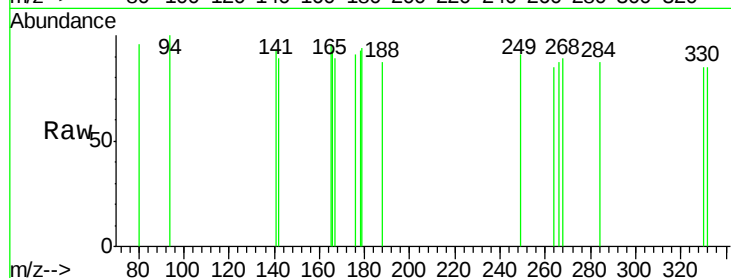
Tgt Ion:166 Resp: 356

Ion Ratio Lower Upper

166 100

165 0.0 70.6 106.0#

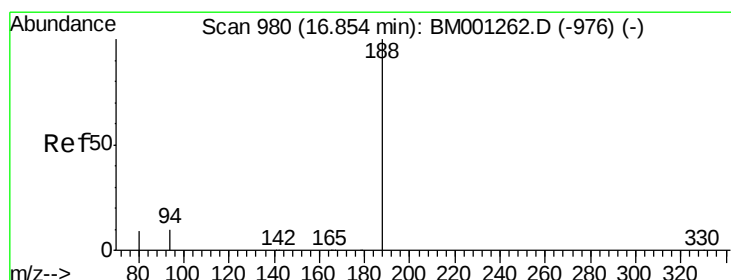
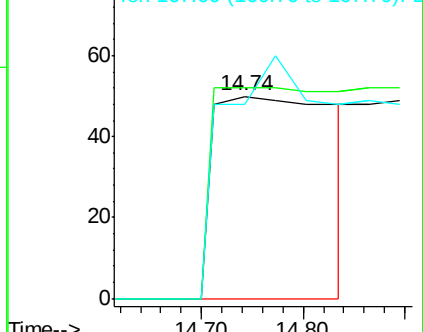
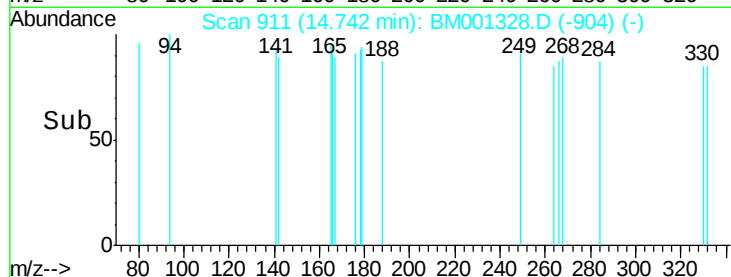
167 0.0 11.3 16.9#



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: BM001328.D

Acq: 15 May 2015 15:19

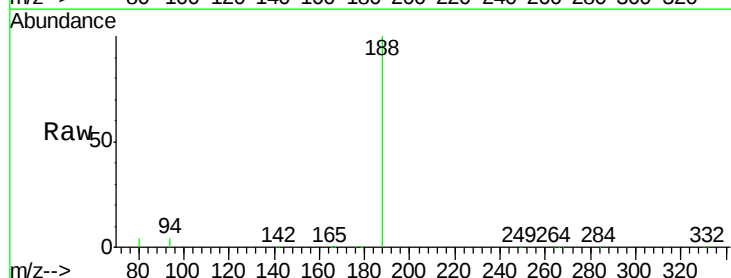
Tgt Ion:188 Resp: 73067

Ion Ratio Lower Upper

188 100

94 4.2 7.8 11.8#

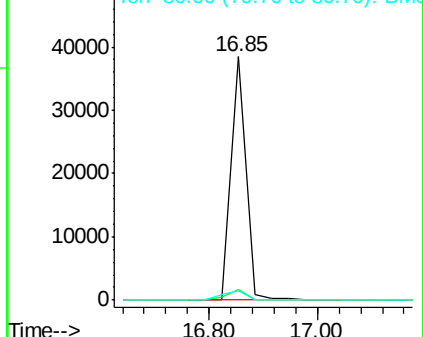
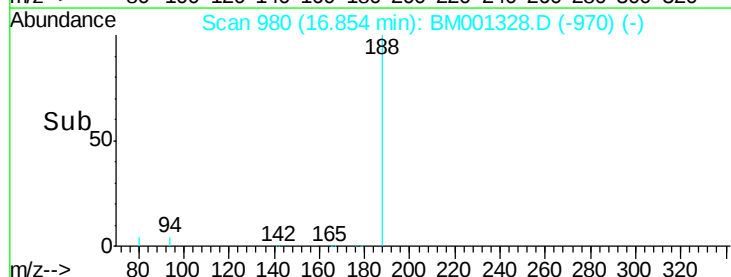
80 3.7 7.5 11.3#

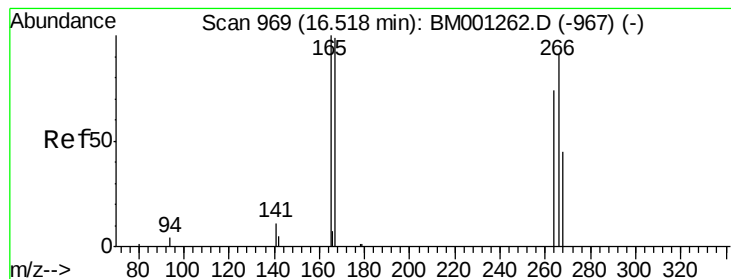


Abundance Ion 188.00 (187.70 to 188.70): E

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: BM001328.D

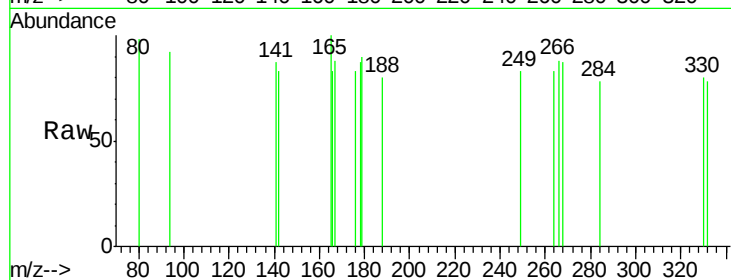
Acq: 15 May 2015 15:19

Instrument :

BNA_M

ClientSampleId :

S32-0483



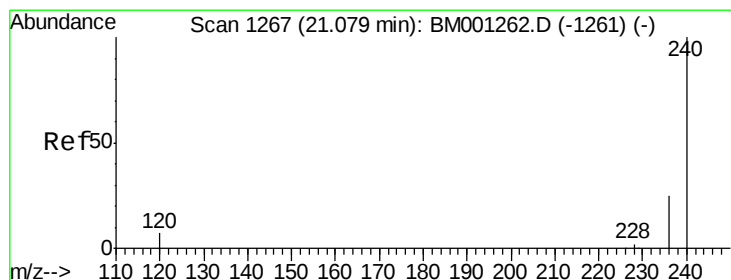
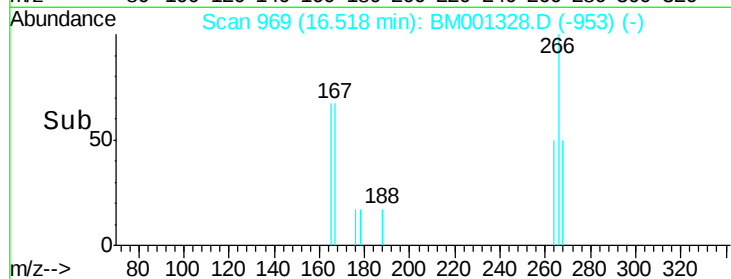
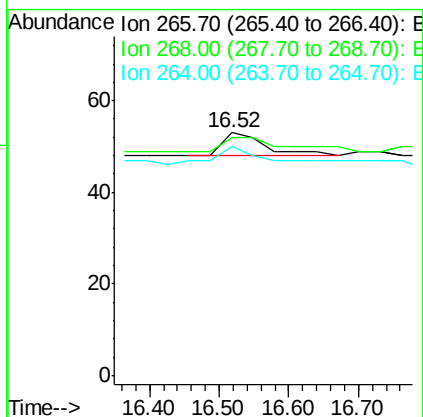
Tgt Ion:266 Resp: 22

Ion Ratio Lower Upper

266 100

268 98.1 49.4 74.0#

264 94.3 67.8 101.6



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.08 min Scan# 1267

Delta R.T. 0.01 min

Lab File: BM001328.D

Acq: 15 May 2015 15:19

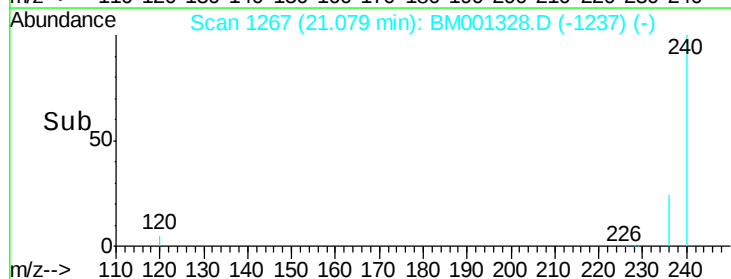
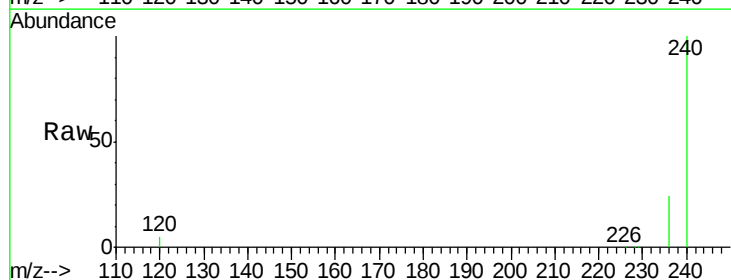
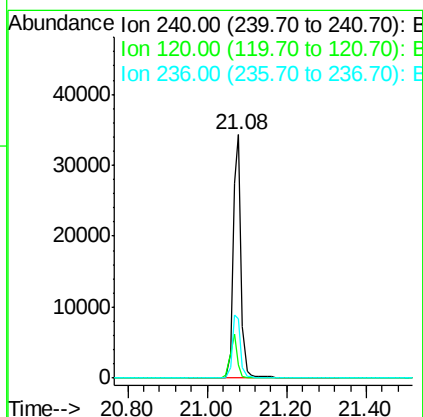
Tgt Ion:240 Resp: 47192

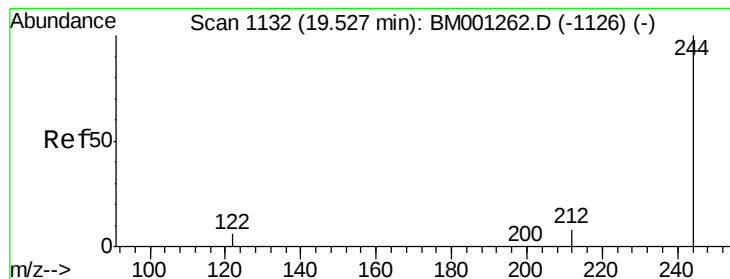
Ion Ratio Lower Upper

240 100

120 5.3 5.5 8.3#

236 24.1 20.4 30.6

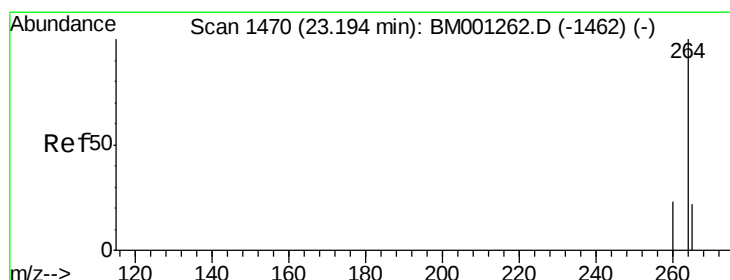
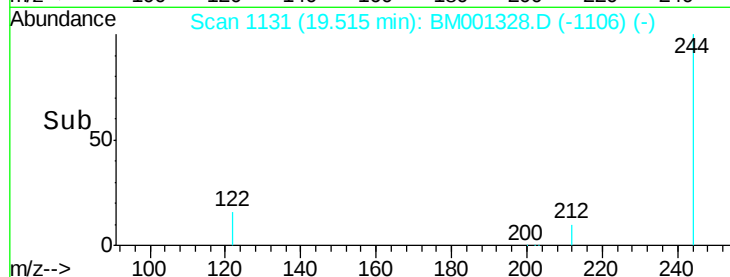
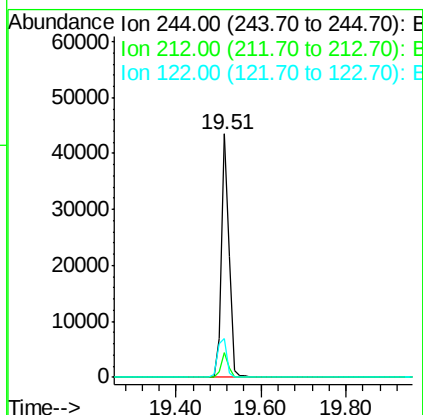
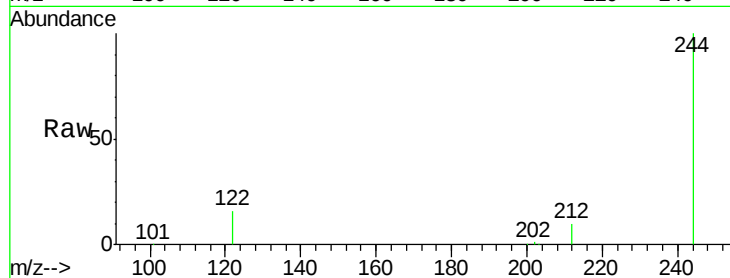




#26
 Terphenyl-d14
 Concen: 8.53 ng
 RT: 19.51 min Scan# 1131
 Delta R.T. 0.00 min
 Lab File: BM001328.D
 Acq: 15 May 2015 15:19

Instrument :
 BNA_M
 ClientSampleId :
 S32-0483

Tgt Ion: 244 Resp: 54085
 Ion Ratio Lower Upper
 244 100
 212 10.3 7.2 10.8
 122 15.8 5.6 8.4#



#30
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.18 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: BM001328.D
 Acq: 15 May 2015 15:19

Tgt Ion: 264 Resp: 45502
 Ion Ratio Lower Upper
 264 100
 260 26.1 18.9 28.3
 265 21.1 18.1 27.1

