

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052015\
 Data File : BM001355.D
 Acq On : 21 May 2015 11:34
 Operator : TP/IZ
 Sample : PB83443BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 21 15:23:04 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIMPAH-BM052015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 21 11:08:14 2015
 Response via : Initial Calibration

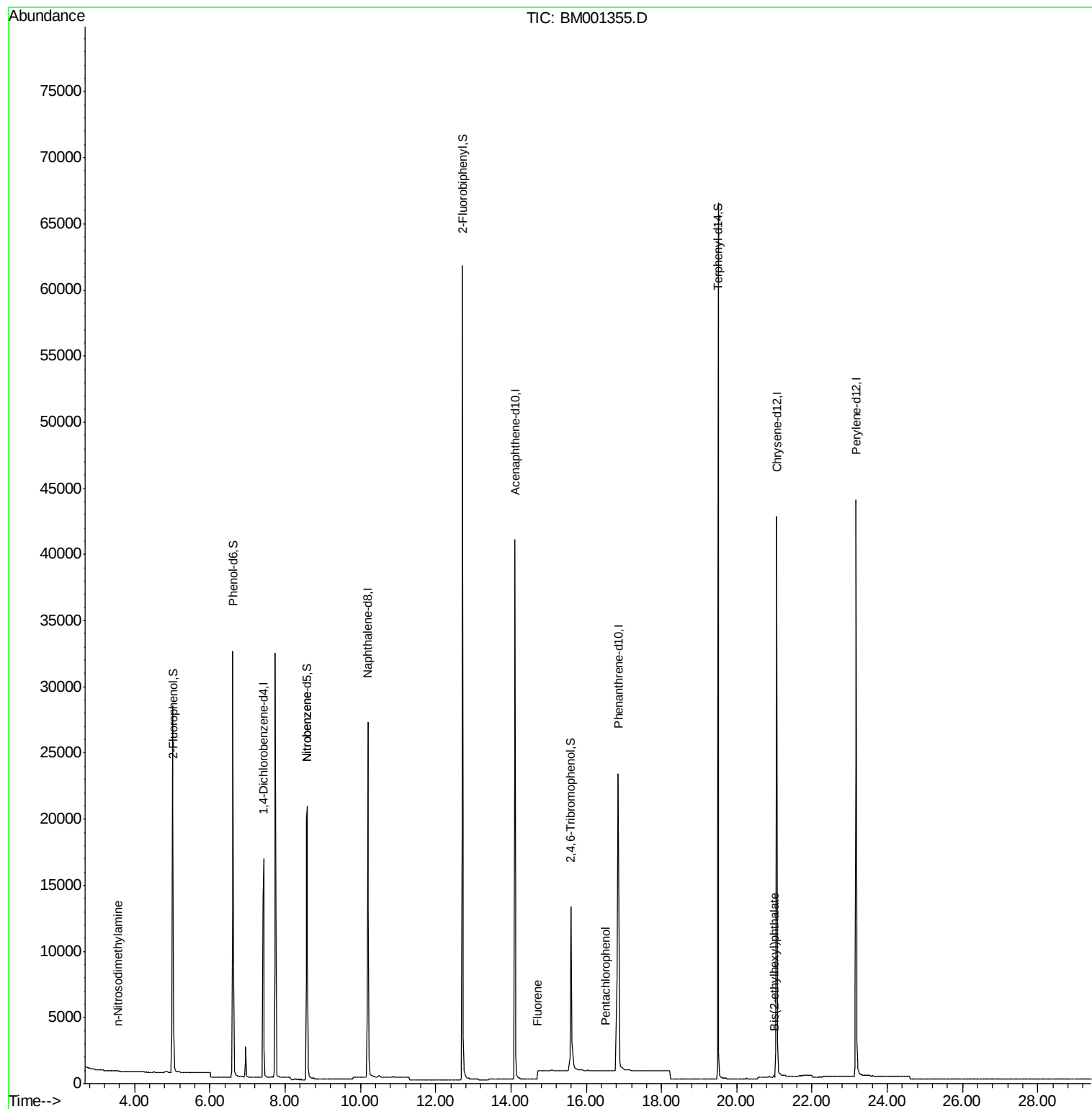
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	9695	5.00	ng	0.00
6) Naphthalene-d8	10.20	136	37949	5.00	ng	0.00
12) Acenaphthene-d10	14.11	164	24169	5.00	ng	0.00
18) Phenanthrene-d10	16.85	188	48994	5.00	ng	0.00
25) Chrysene-d12	21.07	240	54302	5.00	ng	0.00
32) Perylene-d12	23.17	264	53824	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.02	112	25249	13.41	ng	0.00
5) Phenol-d6	6.61	99	32274	13.77	ng	0.00
7) Nitrobenzene-d5	8.59	82	19246	9.40	ng	0.00
13) 2,4,6-Tribromophenol	15.59	330	12090	12.01	ng	0.00
14) 2-Fluorobiphenyl	12.72	172	67938	9.42	ng	0.00
27) Terphenyl-d14	19.50	244	65832	9.22	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.55	42	44	0.04	ng	# 13
8) Nitrobenzene	8.59	77	78	0.15	ng	# 34
17) Fluorene	14.71	166	198	0.04	ng	# 1
21) Pentachlorophenol	16.51	266	22	0.40	ng	# 58
30) Bis(2-ethylhexyl)phthalate	20.99	149	114	0.21	ng	# 98

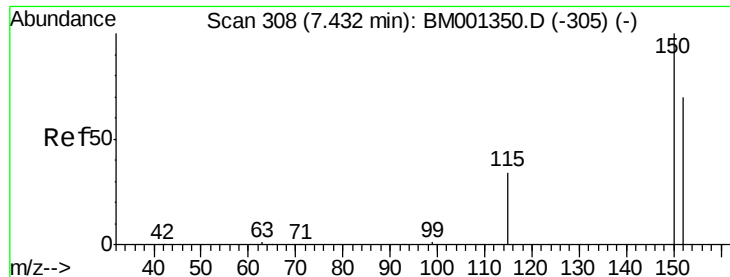
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.43 min Scan# 308

Delta R.T. -0.00 min

Lab File: BM001355.D

Acq: 21 May 2015 11:34

Instrument :

BNA_M

ClientSampleId :

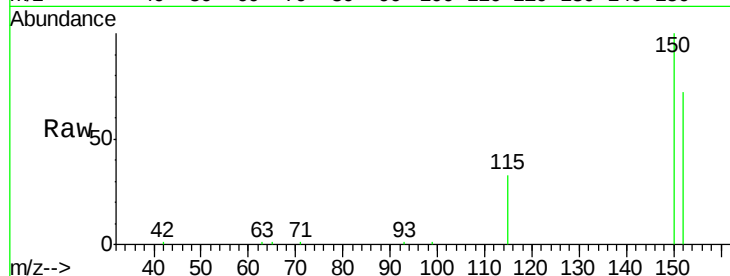
Tot Ion:152 Resp: 9695

Ion Ratio Lower Upper

152 100

150 139.5 114.1 171.1

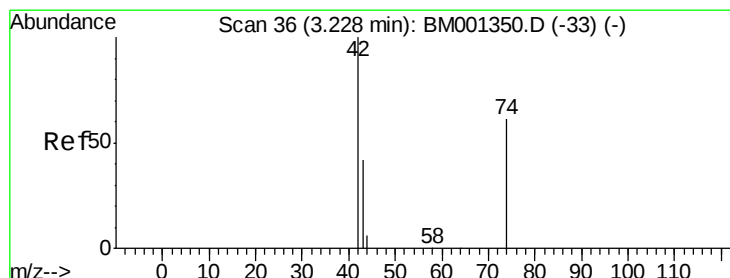
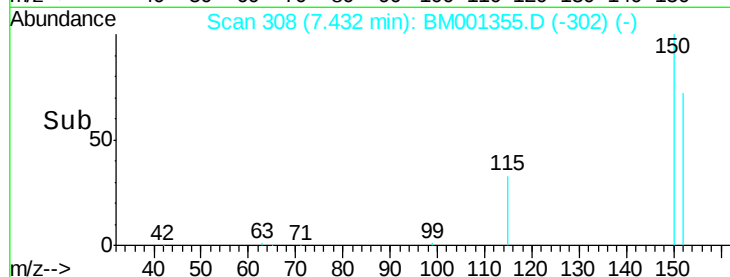
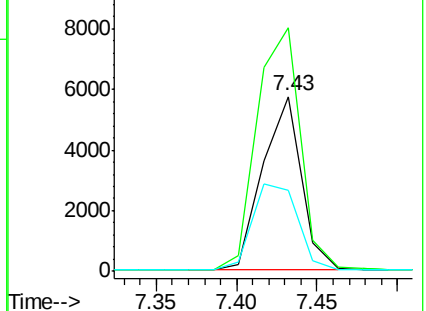
115 46.7 39.2 58.8



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: 0.04 ng

RT: 3.55 min Scan# 57

Delta R.T. 0.32 min

Lab File: BM001355.D

Acq: 21 May 2015 11:34

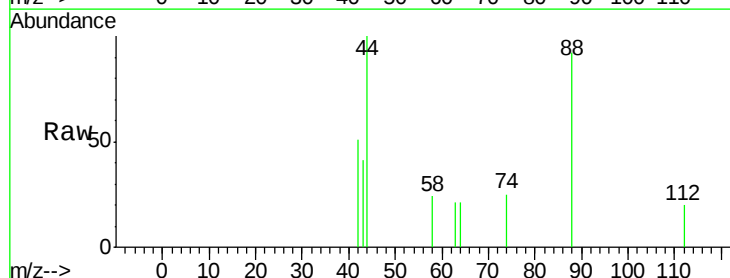
Tgt Ion: 42 Resp: 44

Ion Ratio Lower Upper

42 100

74 9.1 70.0 105.0#

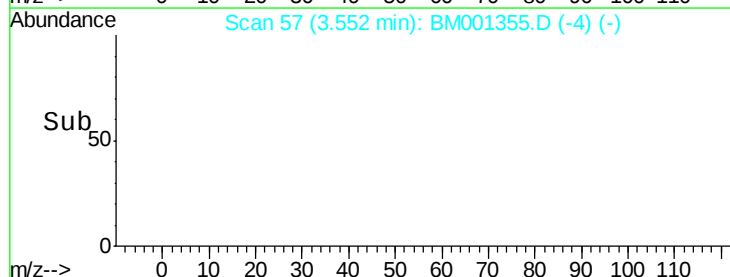
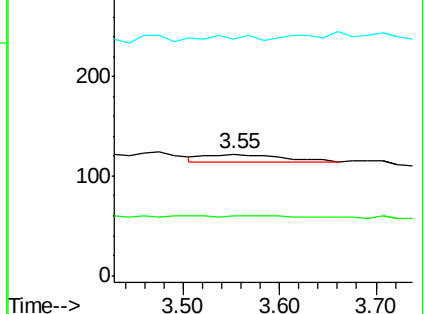
44 50.0 3.6 5.4#

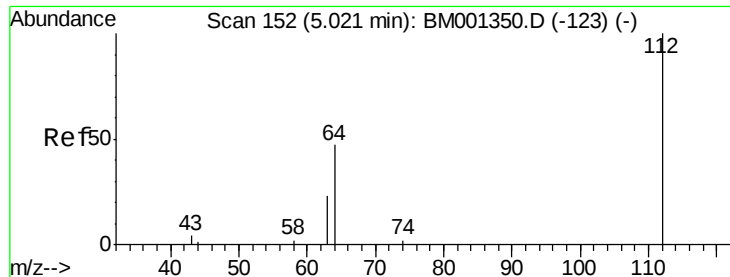


Abundance Ion 42.00 (41.70 to 42.70): BM0

Ion 74.00 (73.70 to 74.70): BM0

Ion 44.00 (43.70 to 44.70): BM0





#4

2-Fluorophenol

Concen: 13.41 ng

RT: 5.02 min Scan# 152

Delta R.T. -0.00 min

Lab File: BM001355.D

Acq: 21 May 2015 11:34

Instrument :

BNA_M

ClientSampleId :

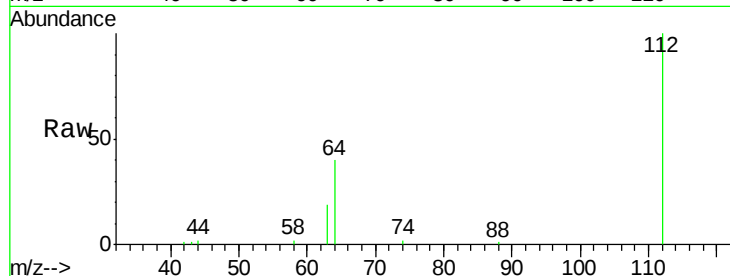
Tot Ion:112 Resp: 25249

Ion Ratio Lower Upper

112 100

64 64.1 52.9 79.3

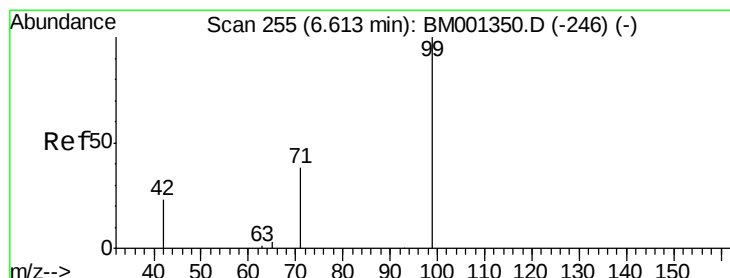
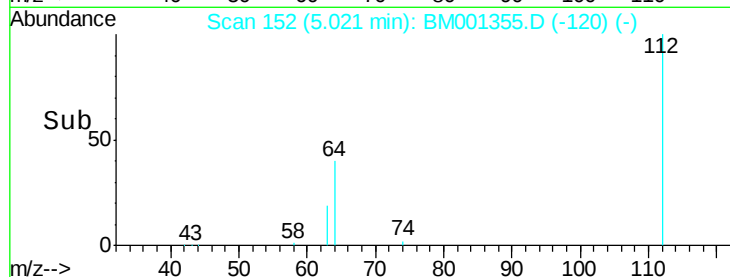
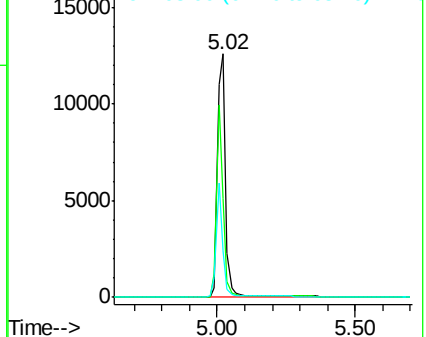
63 36.4 29.6 44.4



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: 13.77 ng

RT: 6.61 min Scan# 255

Delta R.T. -0.00 min

Lab File: BM001355.D

Acq: 21 May 2015 11:34

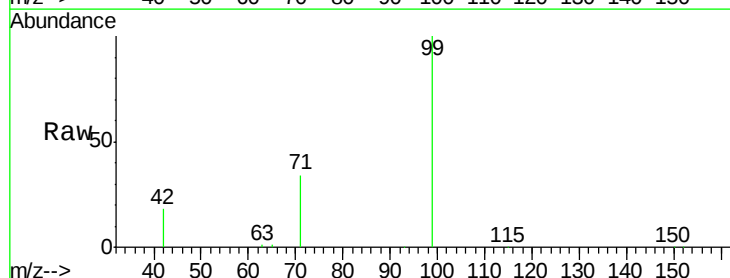
Tgt Ion: 99 Resp: 32274

Ion Ratio Lower Upper

99 100

42 25.2 21.4 32.2

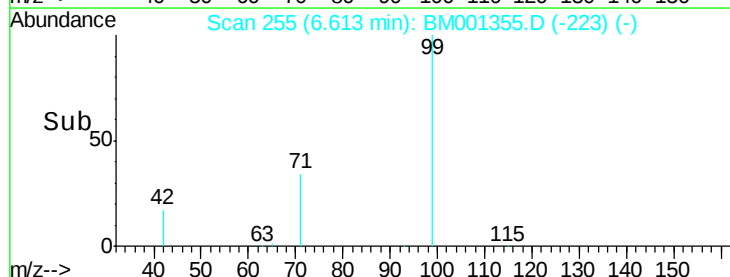
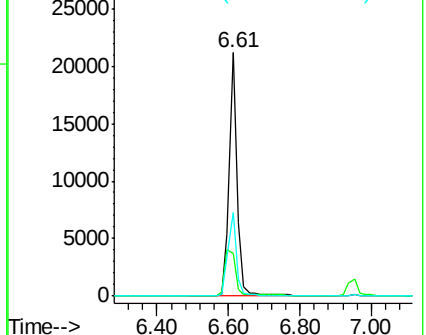
71 36.1 29.0 43.4

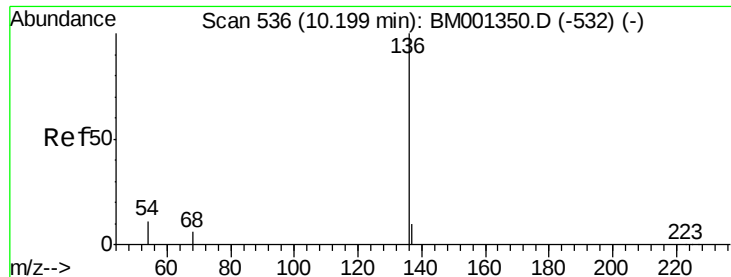


Abundance Ion 99.00 (98.70 to 99.70): BM0

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: 10.20 min Scan# 536

Delta R.T. -0.00 min

Lab File: BM001355.D

Acq: 21 May 2015 11:34

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 37949

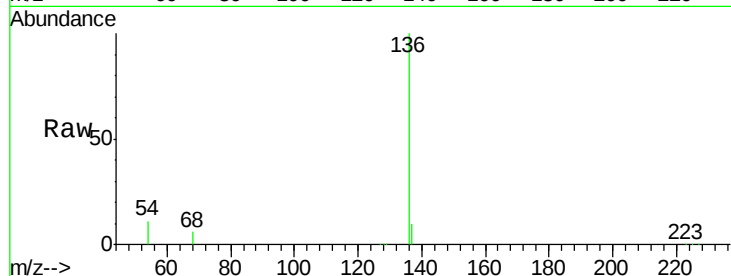
Ion Ratio Lower Upper

136 100

137 10.5 8.2 12.4

54 11.0 9.4 14.0

68 6.2 5.2 7.8

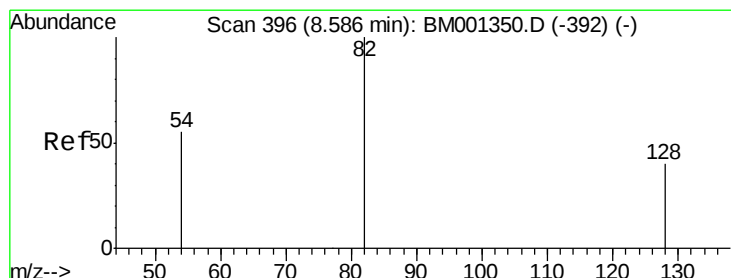
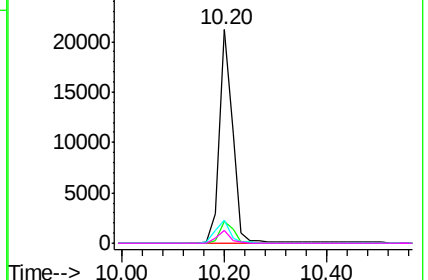
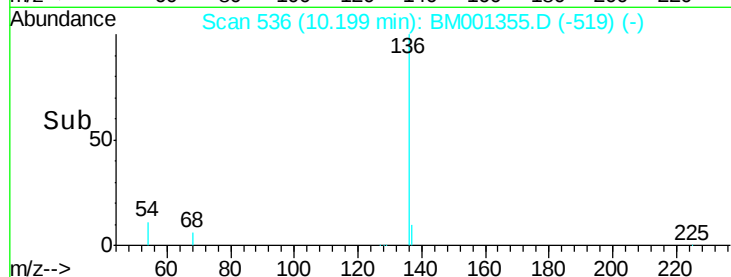


Abundance Ion 136.00 (135.70 to 136.70): E

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: 9.40 ng

RT: 8.59 min Scan# 396

Delta R.T. -0.00 min

Lab File: BM001355.D

Acq: 21 May 2015 11:34

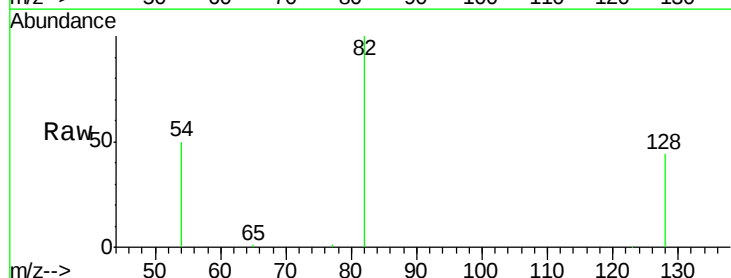
Tgt Ion: 82 Resp: 19246

Ion Ratio Lower Upper

82 100

128 44.1 33.5 50.3

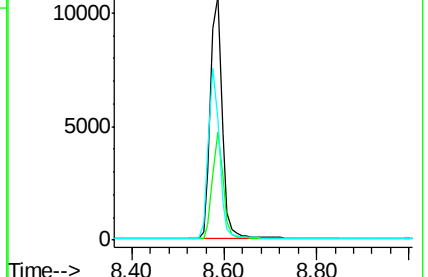
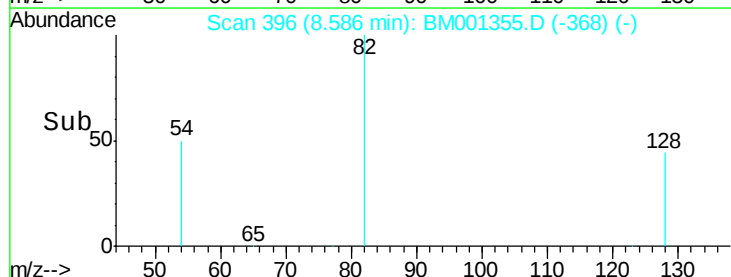
54 49.8 45.1 67.7

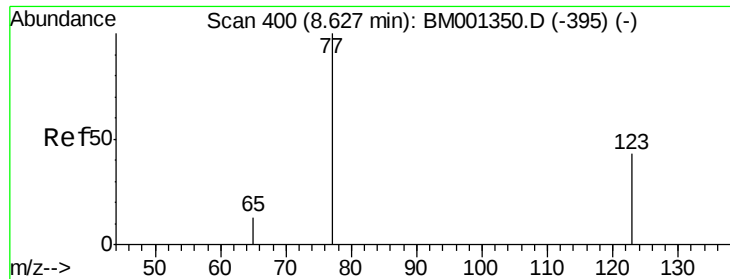


Abundance Ion 82.00 (81.70 to 82.70): BM

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: 8.59 min Scan# 396

Delta R.T. -0.04 min

Lab File: BM001355.D

Acq: 21 May 2015 11:34

Instrument :

BNA_M

ClientSampleId :

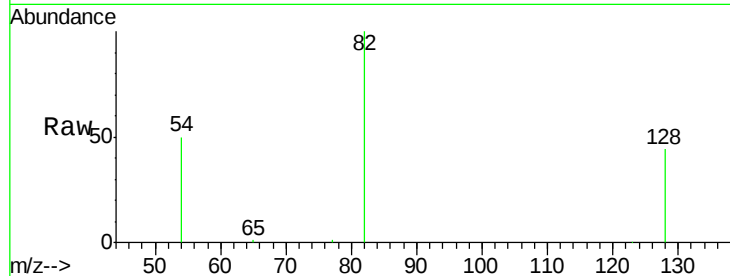
Tot Ion: 77 Resp: 78

Ion Ratio Lower Upper

77 100

123 0.0 33.6 50.4#

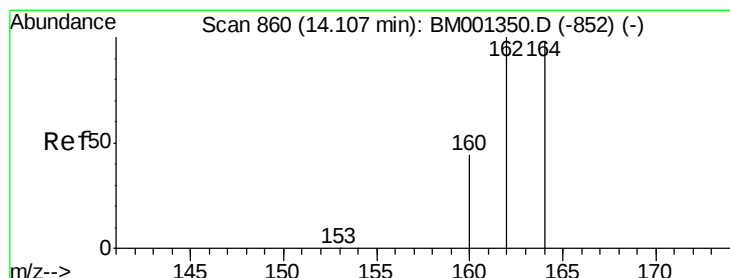
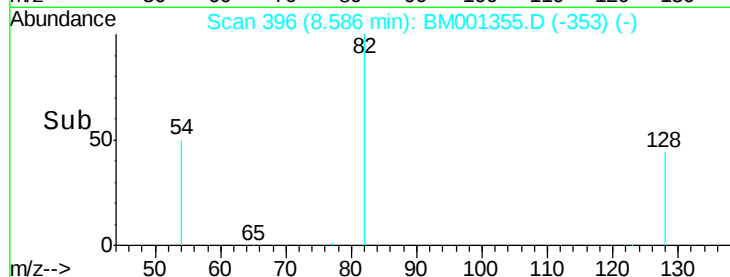
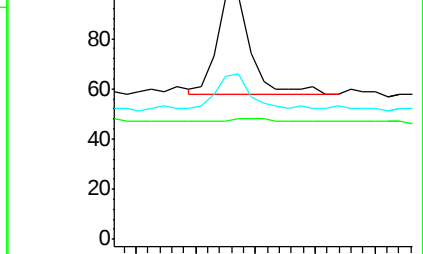
65 39.7 11.3 16.9#



Abundance Ion 77.00 (76.70 to 77.70): BM001355.D (-395) (-)

Ion 123.00 (122.70 to 123.70): BM001355.D (-395) (-)

Ion 65.00 (64.70 to 65.70): BM001355.D (-395) (-)



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.11 min Scan# 860

Delta R.T. -0.00 min

Lab File: BM001355.D

Acq: 21 May 2015 11:34

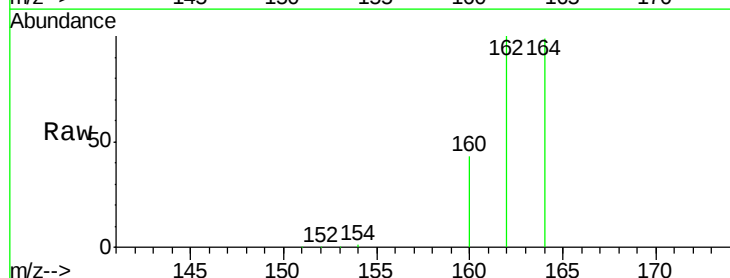
Tgt Ion: 164 Resp: 24169

Ion Ratio Lower Upper

164 100

162 101.0 81.8 122.8

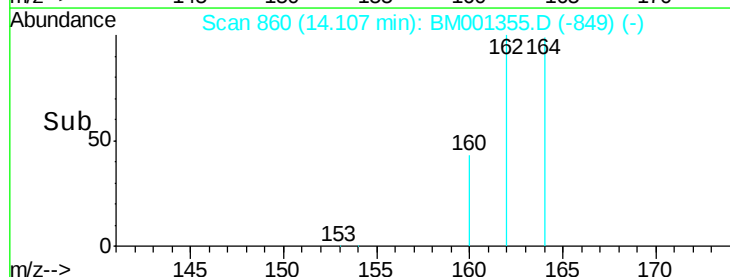
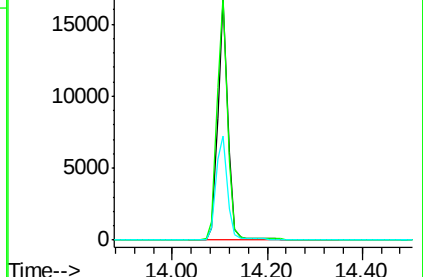
160 43.1 35.8 53.8

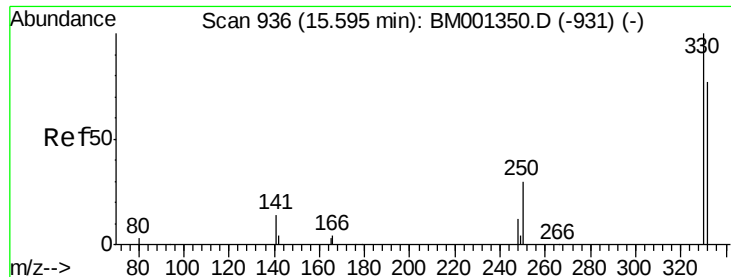


Abundance Ion 164.00 (163.70 to 164.70): BM001355.D (-849) (-)

Ion 162.00 (161.70 to 162.70): BM001355.D (-849) (-)

Ion 160.00 (159.70 to 160.70): BM001355.D (-849) (-)

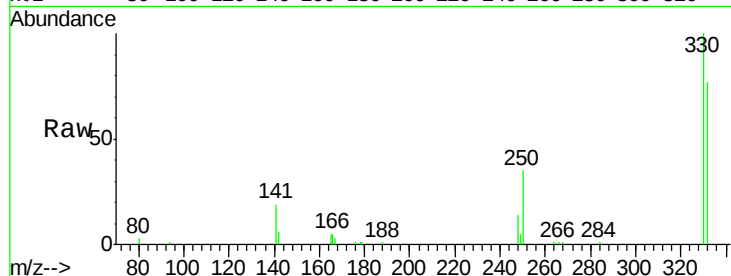




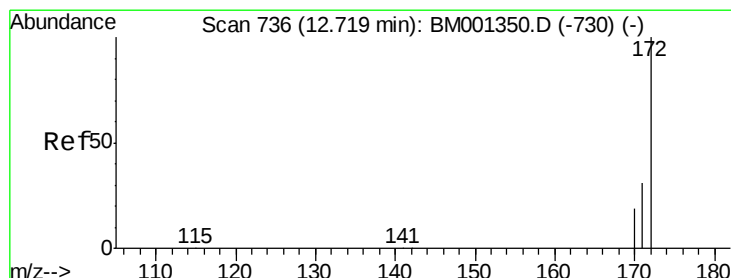
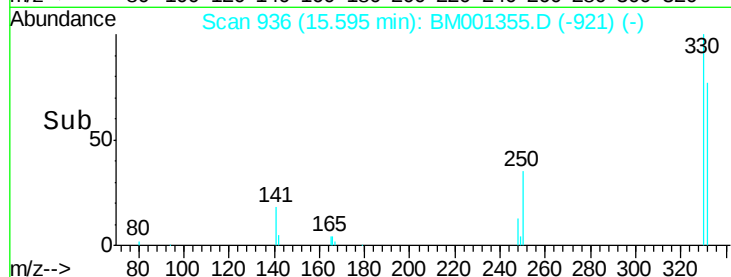
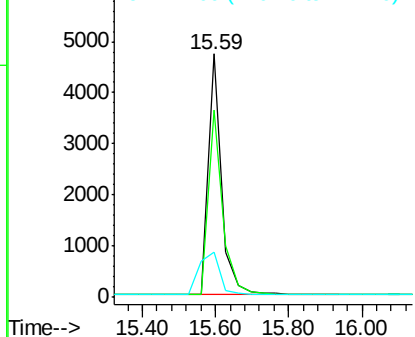
#13
 2,4,6-Tribromophenol
 Concen: 12.01 ng
 RT: 15.59 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: BM001355.D
 Acq: 21 May 2015 11:34

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 12090
 Ion Ratio Lower Upper
 330 100
 332 83.6 65.4 98.2
 141 28.8 20.2 30.4

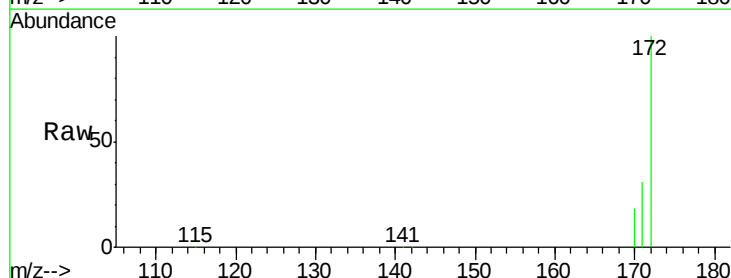


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

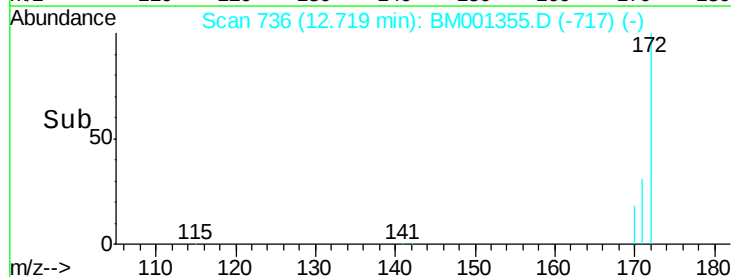
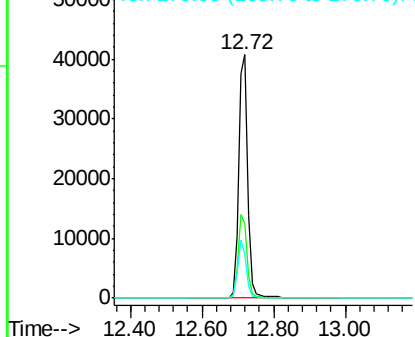


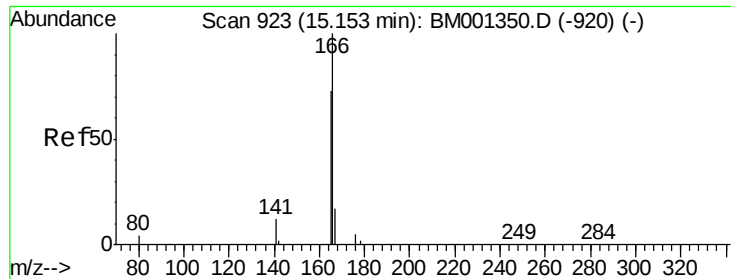
#14
 2-Fluorobiphenyl
 Concen: 9.42 ng
 RT: 12.72 min Scan# 736
 Delta R.T. -0.00 min
 Lab File: BM001355.D
 Acq: 21 May 2015 11:34

Tgt Ion:172 Resp: 67938
 Ion Ratio Lower Upper
 172 100
 171 30.7 25.4 38.2
 170 18.1 15.7 23.5



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. -0.44 min

Lab File: BM001355.D

Acq: 21 May 2015 11:34

Instrument :

BNA_M

ClientSampleId :

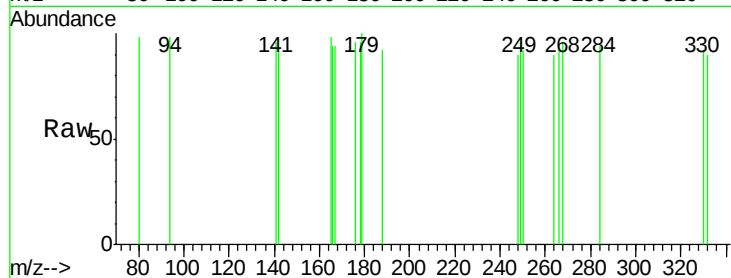
Tot Ion:166 Resp: 198

Ion Ratio Lower Upper

166 100

165 0.0 72.5 108.7#

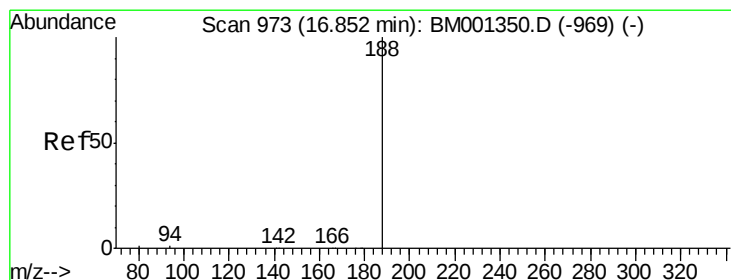
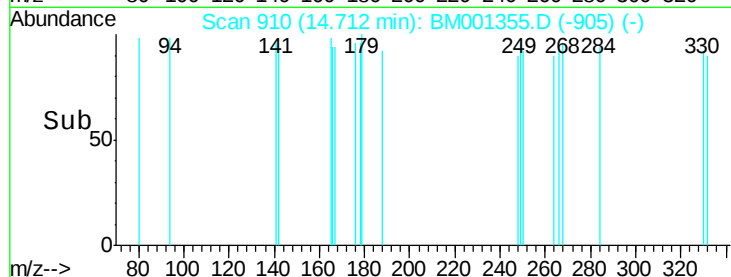
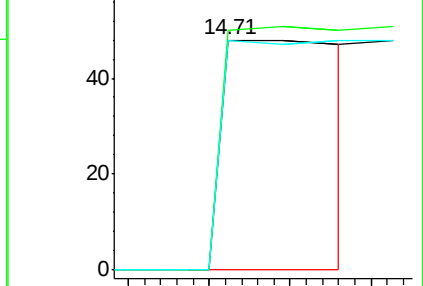
167 240.4 16.0 24.0#



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# 973

Delta R.T. -0.00 min

Lab File: BM001355.D

Acq: 21 May 2015 11:34

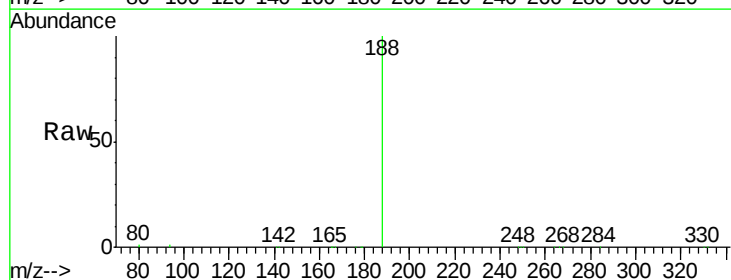
Tgt Ion:188 Resp: 48994

Ion Ratio Lower Upper

188 100

94 1.3 0.6 1.0#

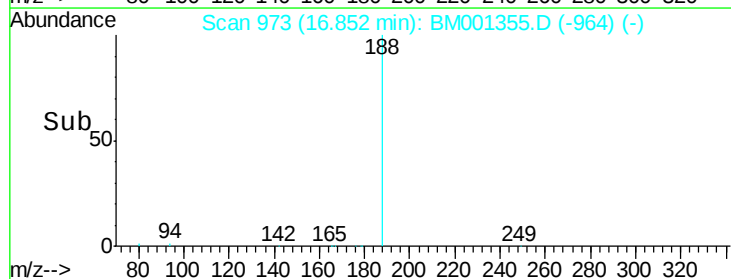
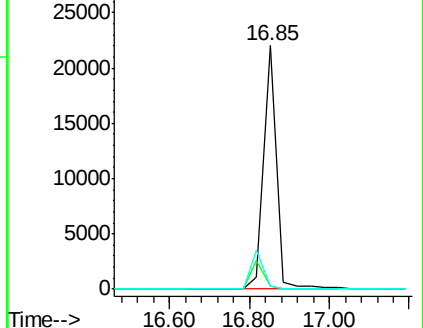
80 1.2 0.6 0.8#

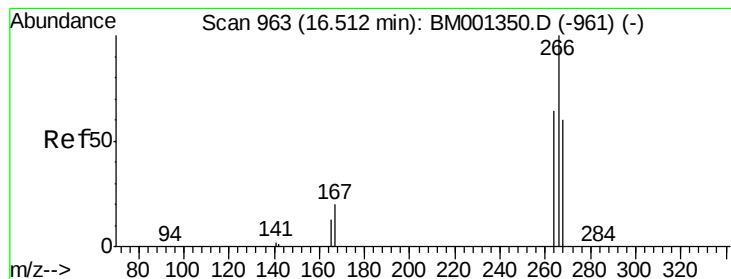


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#21

Pentachlorophenol

Concen: 0.40 ng

RT: 16.51 min Scan# 963

Delta R.T. 0.00 min

Lab File: BM001355.D

Acq: 21 May 2015 11:34

Instrument :

BNA_M

ClientSampleId :

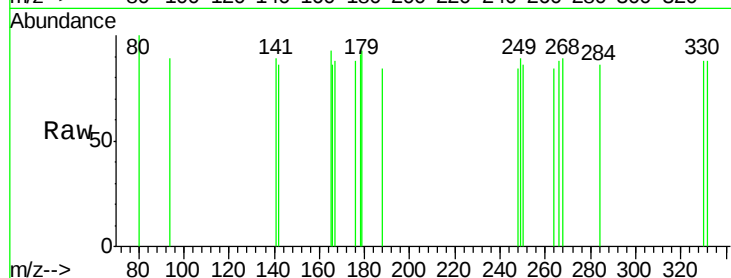
Tot Ion:266 Resp: 22

Ion Ratio Lower Upper

266 100

268 102.0 51.2 76.8#

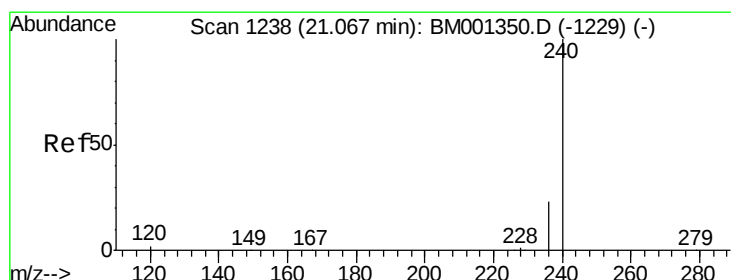
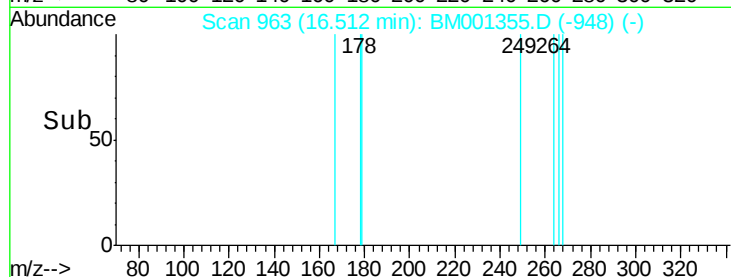
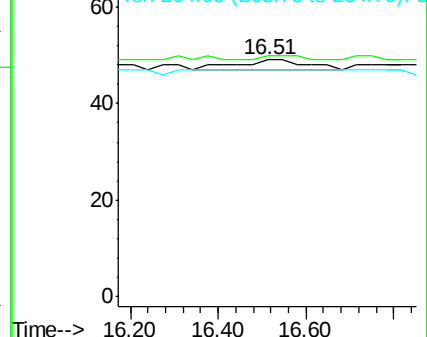
264 95.9 53.7 80.5#



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 1238

Delta R.T. -0.00 min

Lab File: BM001355.D

Acq: 21 May 2015 11:34

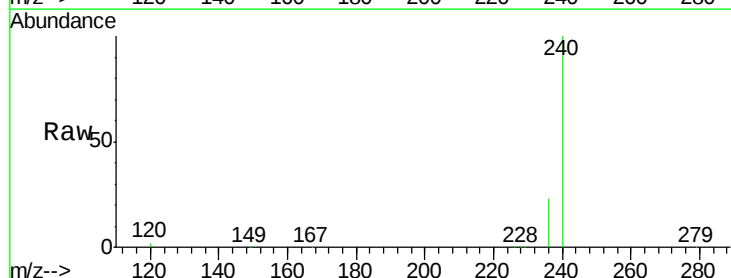
Tgt Ion:240 Resp: 54302

Ion Ratio Lower Upper

240 100

120 2.3 1.6 2.4

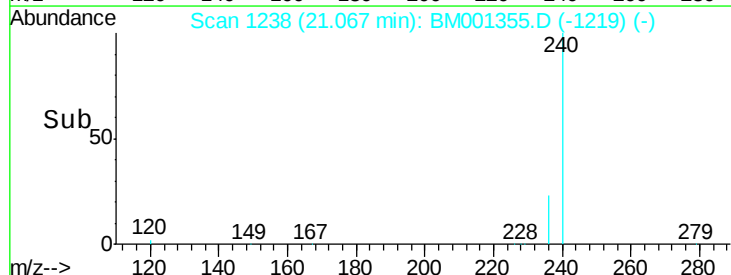
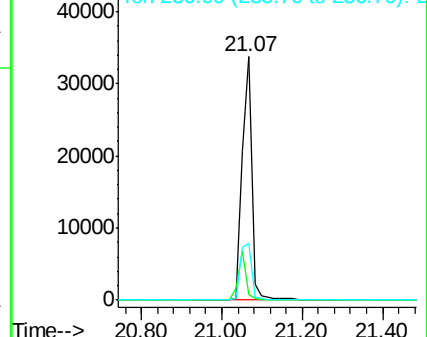
236 23.3 18.5 27.7

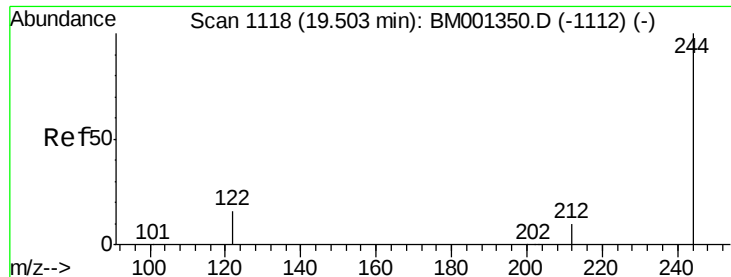


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Terphenyl-d14

Concen: 9.22 ng

RT: 19.50 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BM001355.D

Acq: 21 May 2015 11:34

Instrument :

BNA_M

ClientSampleId :

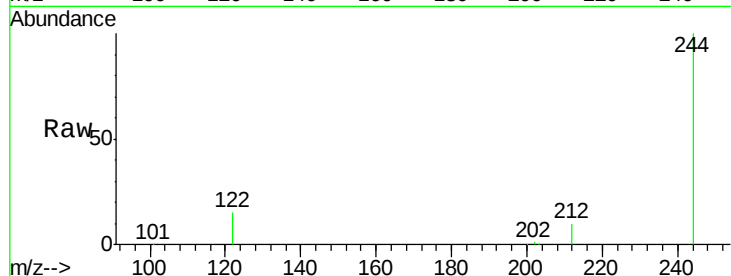
Tot Ion:244 Resp: 65832

Ion Ratio Lower Upper

244 100

212 10.4 8.5 12.7

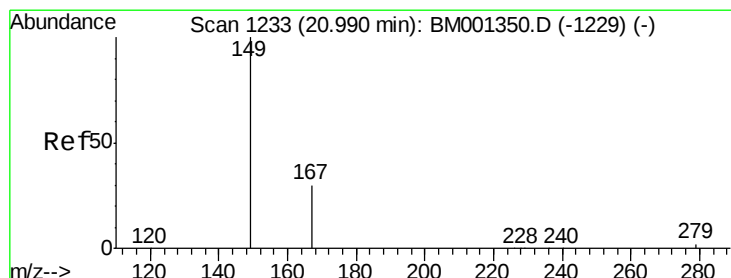
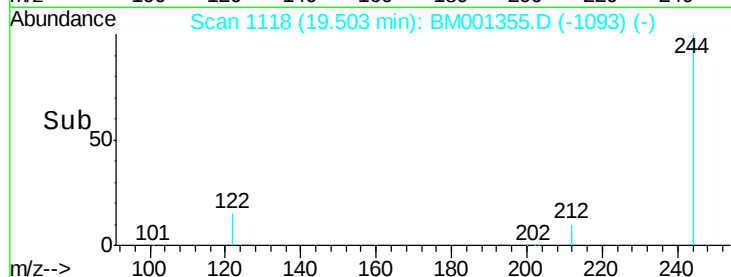
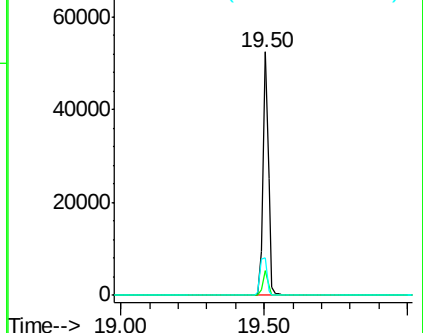
122 15.3 13.4 20.2



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



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.21 ng

RT: 20.99 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BM001355.D

Acq: 21 May 2015 11:34

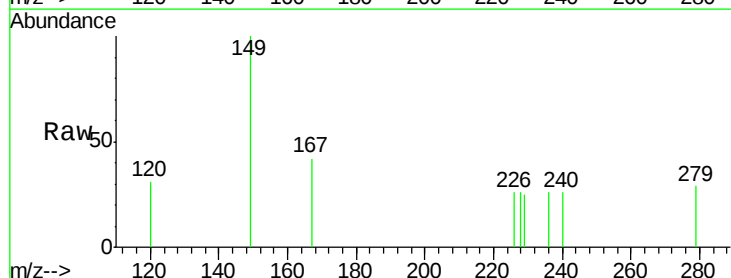
Tgt Ion:149 Resp: 114

Ion Ratio Lower Upper

149 100

167 28.1 21.6 32.4

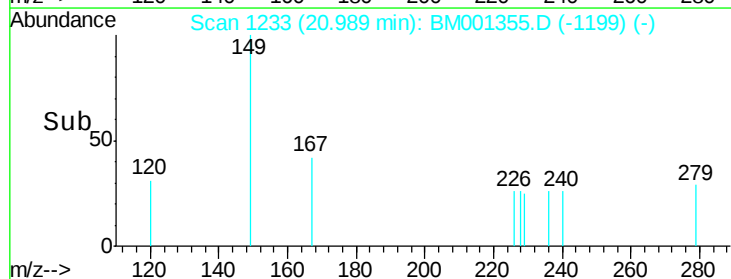
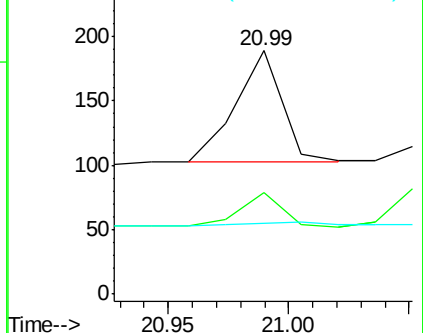
279 0.0 1.9 2.9#

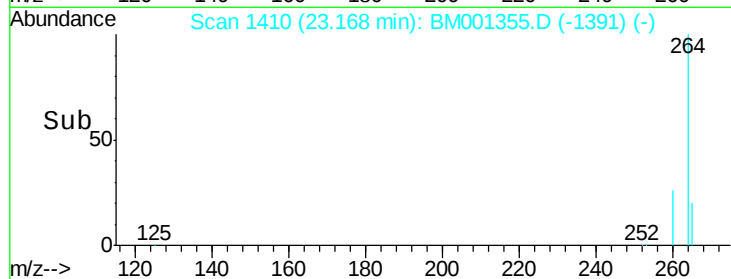
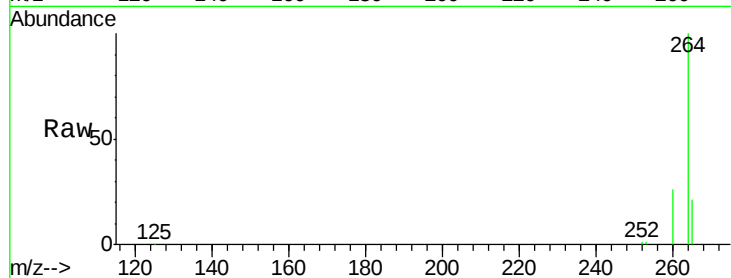
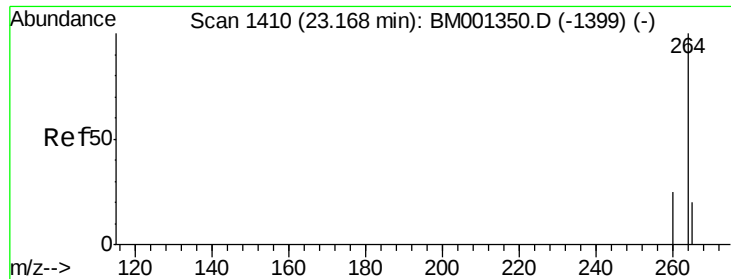


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#32
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.17 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: BM001355.D
 Acq: 21 May 2015 11:34

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:264 Resp: 53824
 Ion Ratio Lower Upper
 264 100
 260 25.8 20.4 30.6
 265 20.9 16.6 24.8

