

Data Path : Z:\HPCHEM1\BNA_M\Data\BM061915\
 Data File : BM001758.D
 Acq On : 19 Jun 2015 12:44
 Operator : TP/IZ
 Sample : G2685-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 061715-P22-E-U-B

Quant Time: Jun 19 17:09:56 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM061915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 19 05:05:14 2015
 Response via : Initial Calibration

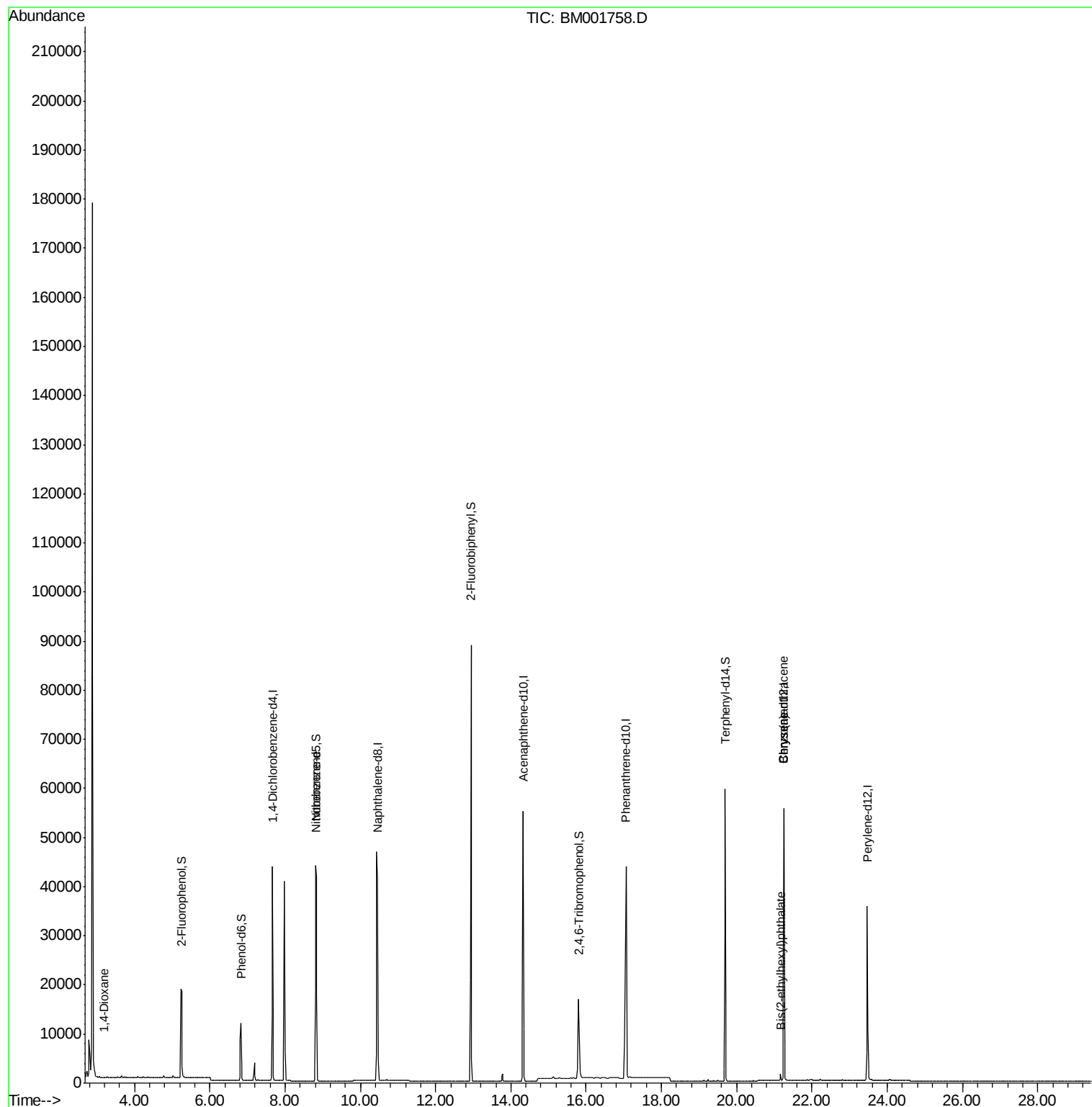
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	20736	5.00	ng	0.00
6) Naphthalene-d8	10.46	136	77174	5.00	ng	0.00
12) Acenaphthene-d10	14.32	164	37738	5.00	ng	0.00
18) Phenanthrene-d10	17.06	188	87119	5.00	ng	0.00
25) Chrysene-d12	21.25	240	50693	5.00	ng	0.00
32) Perylene-d12	23.47	264	44066	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	17429	3.60	ng	0.00
5) Phenol-d6	6.83	99	13217	2.12	ng	0.00
7) Nitrobenzene-d5	8.83	82	40465	6.72	ng	0.00
13) 2,4,6-Tribromophenol	15.80	330	14334	12.16	ng	0.00
14) 2-Fluorobiphenyl	12.94	172	89615	6.64	ng	0.00
27) Terphenyl-d14	19.70	244	58531	7.84	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.18	88	54	0.02	ng	# 24
8) Nitrobenzene	8.81	77	159	0.02	ng	# 37
28) Benzo(a)anthracene	21.25	228	350	0.02	ng	# 53
29) Chrysene	21.25	228	350	0.02	ng	# 64
30) Bis(2-ethylhexyl)phthalate	21.16	149	1246	0.14	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.66 min Scan# 323

Delta R.T. 0.00 min

Lab File: BM001758.D

Acq: 19 Jun 2015 12:44

Instrument :

BNA_M

ClientSampleId :

061715-P22-E-U-B

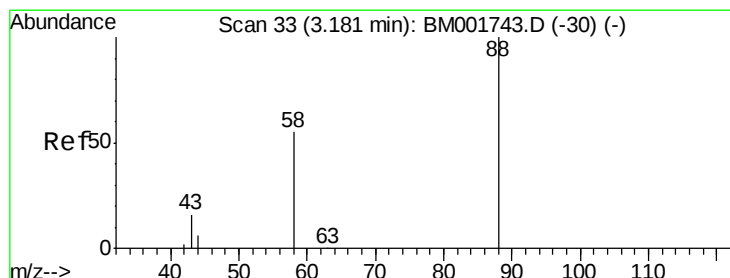
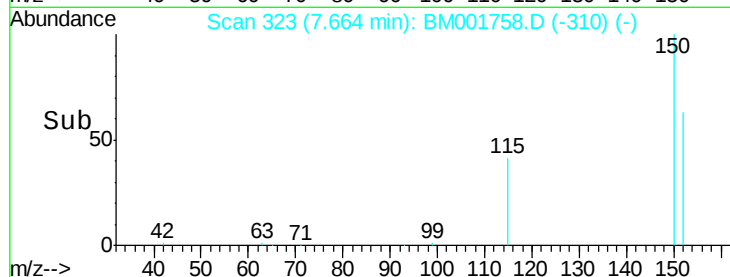
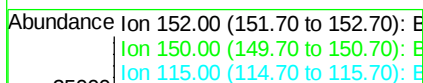
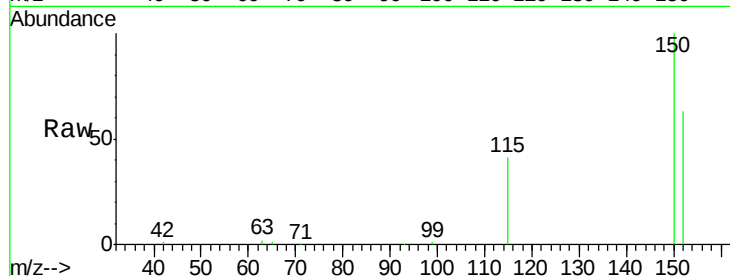
Tgt Ion: 152 Resp: 20736

Ion Ratio Lower Upper

152 100

150 158.8 127.5 191.3

115 65.2 53.2 79.8



#2

1,4-Dioxane

Concen: 0.02 ng

RT: 3.18 min Scan# 33

Delta R.T. 0.00 min

Lab File: BM001758.D

Acq: 19 Jun 2015 12:44

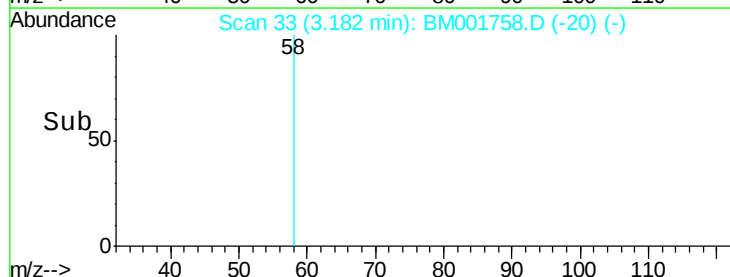
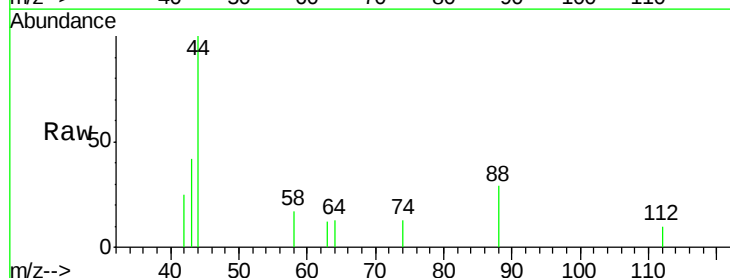
Tgt Ion: 88 Resp: 54

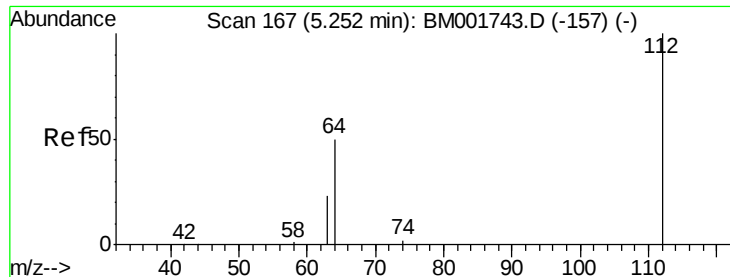
Ion Ratio Lower Upper

88 100

58 37.0 68.3 102.5#

43 118.5 32.6 48.8#





#4

2-Fluorophenol

Concen: 3.60 ng

RT: 5.25 min Scan# 167

Delta R.T. 0.00 min

Lab File: BM001758.D

Acq: 19 Jun 2015 12:44

Instrument :

BNA_M

ClientSampleId :

061715-P22-E-U-B

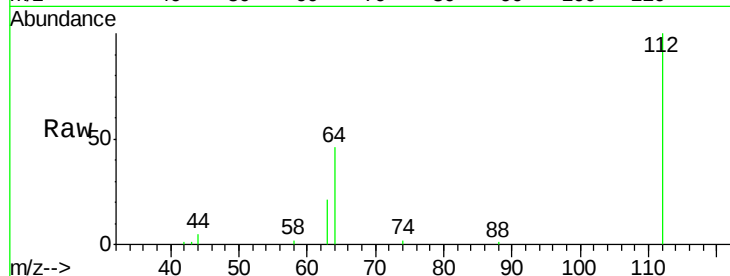
Tgt Ion: 112 Resp: 17429

Ion Ratio Lower Upper

112 100

64 69.4 55.6 83.4

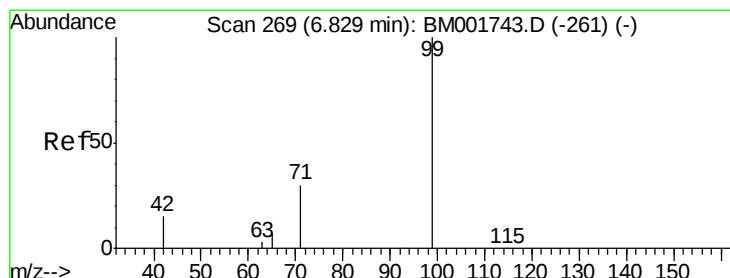
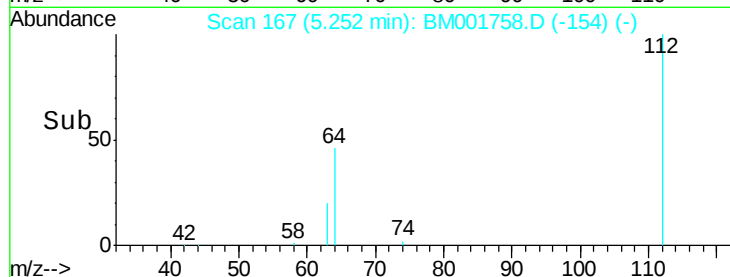
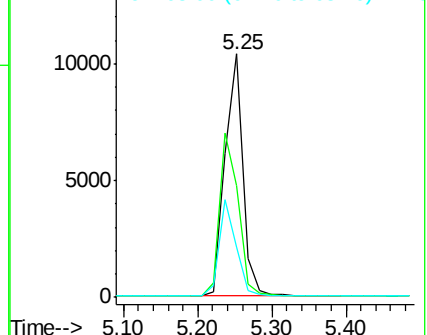
63 37.9 30.2 45.2



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: 2.12 ng

RT: 6.83 min Scan# 269

Delta R.T. 0.00 min

Lab File: BM001758.D

Acq: 19 Jun 2015 12:44

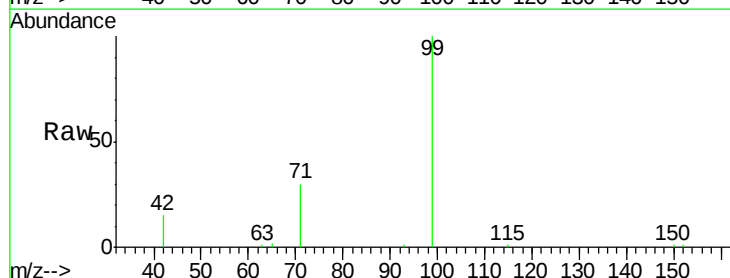
Tgt Ion: 99 Resp: 13217

Ion Ratio Lower Upper

99 100

42 25.4 21.4 32.0

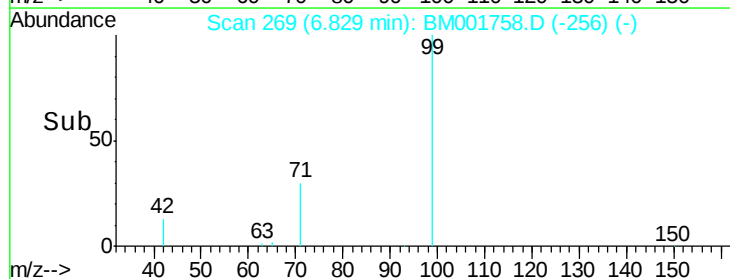
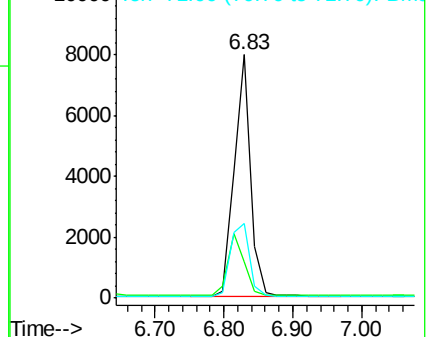
71 35.7 28.3 42.5

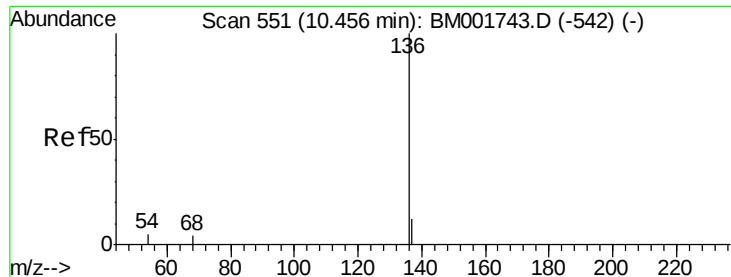


Abundance Ion 99.00 (98.70 to 99.70): B

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: 10.46 min Scan# 551

Delta R.T. 0.00 min

Lab File: BM001758.D

Acq: 19 Jun 2015 12:44

Instrument :

BNA_M

ClientSampleId :

061715-P22-E-U-B

Tgt Ion:136 Resp: 77174

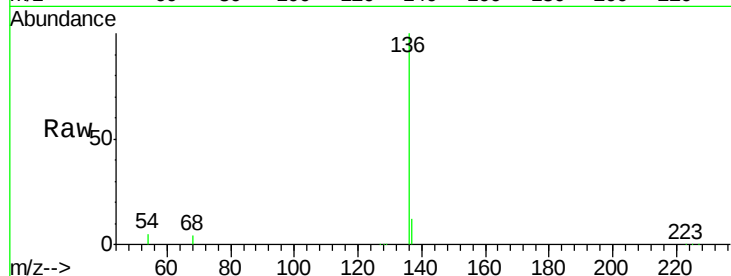
Ion Ratio Lower Upper

136 100

137 11.8 9.4 14.0

54 5.4 4.4 6.6

68 3.9 3.1 4.7

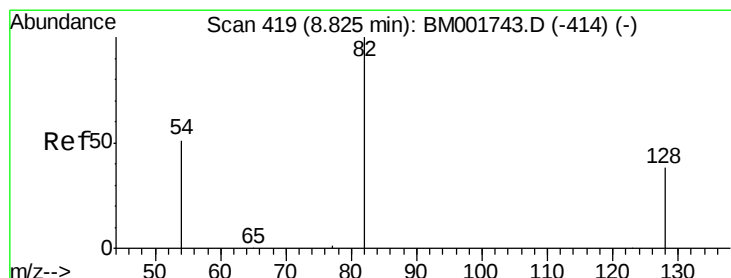
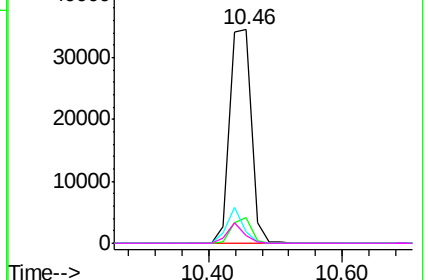
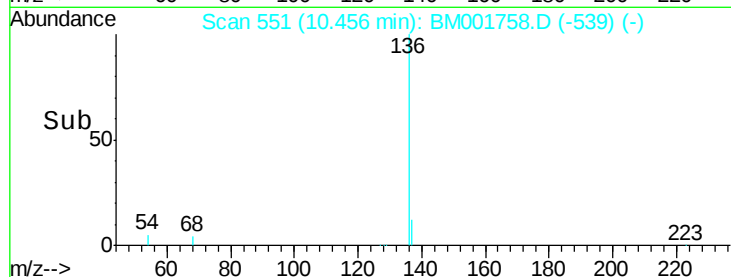


Abundance Ion 136.00 (135.70 to 136.70): E

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: 6.72 ng

RT: 8.83 min Scan# 419

Delta R.T. 0.00 min

Lab File: BM001758.D

Acq: 19 Jun 2015 12:44

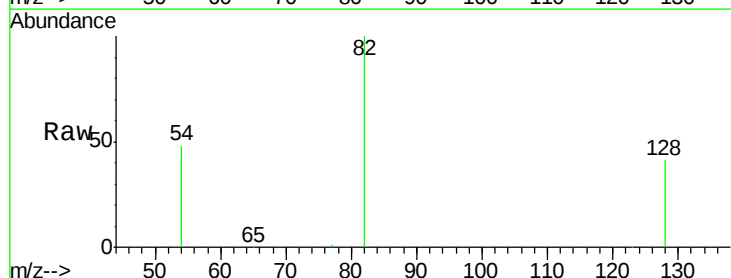
Tgt Ion: 82 Resp: 40465

Ion Ratio Lower Upper

82 100

128 40.5 31.3 46.9

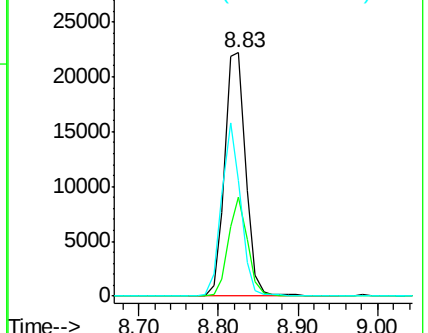
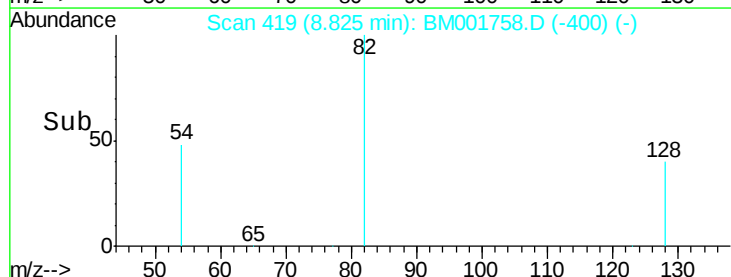
54 47.7 41.9 62.9

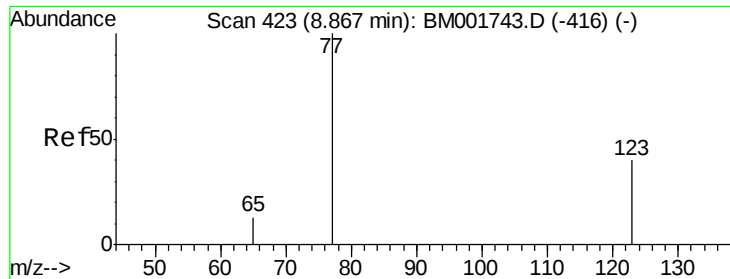


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#8

Nitrobenzene

Concen: 0.02 ng

RT: 8.81 min Scan# 418

Delta R.T. -0.05 min

Lab File: BM001758.D

Acq: 19 Jun 2015 12:44

Instrument :

BNA_M

ClientSampleId :

061715-P22-E-U-B

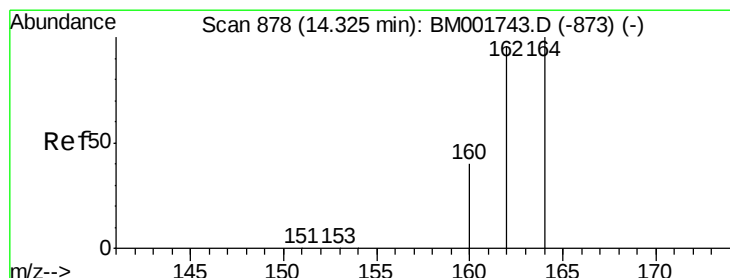
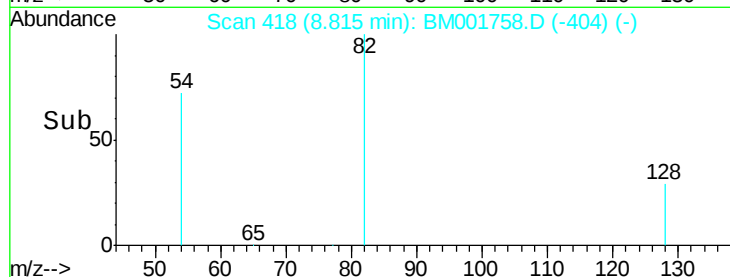
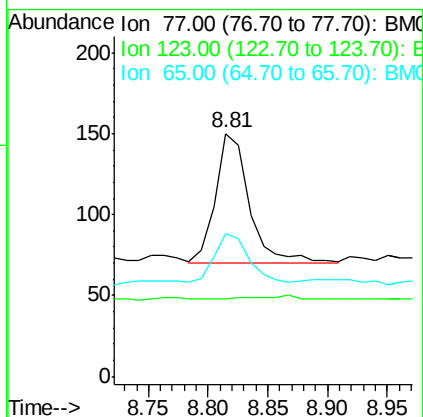
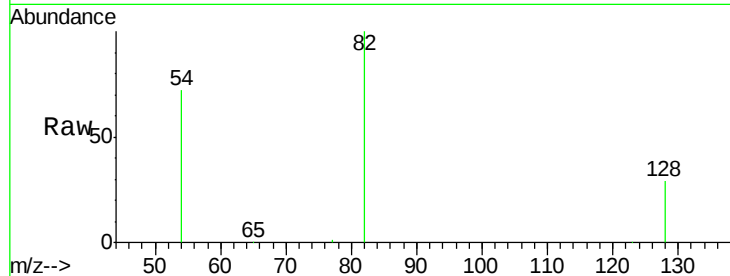
Tgt Ion: 77 Resp: 159

Ion Ratio Lower Upper

77 100

123 0.0 30.1 45.1#

65 40.3 11.3 16.9#



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.32 min Scan# 878

Delta R.T. 0.00 min

Lab File: BM001758.D

Acq: 19 Jun 2015 12:44

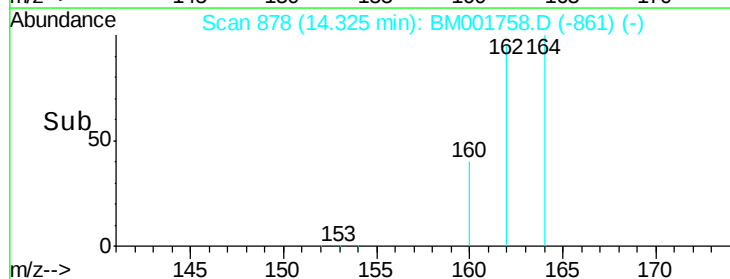
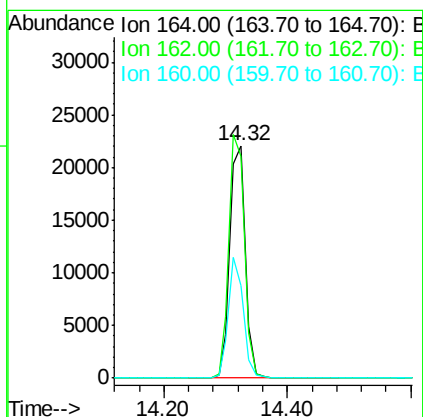
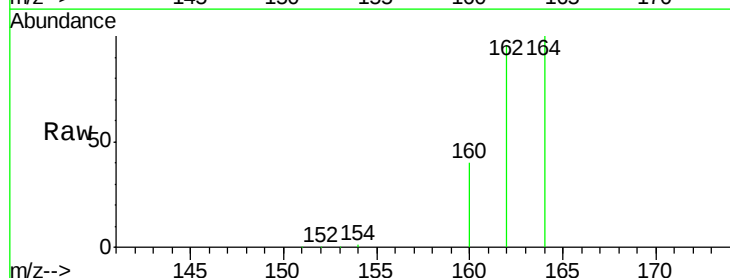
Tgt Ion: 164 Resp: 37738

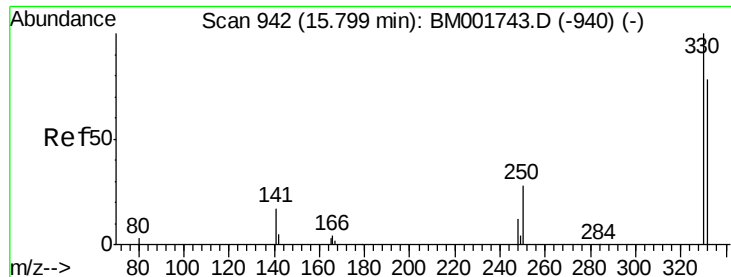
Ion Ratio Lower Upper

164 100

162 95.6 76.6 114.8

160 39.6 31.8 47.8

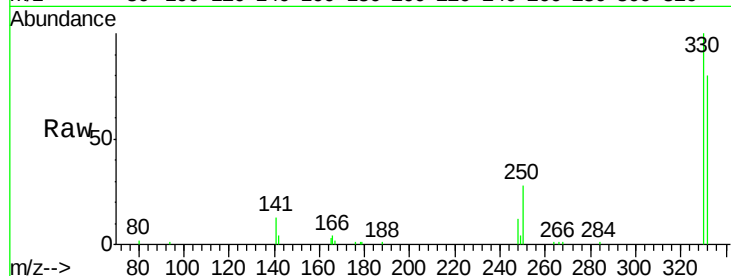




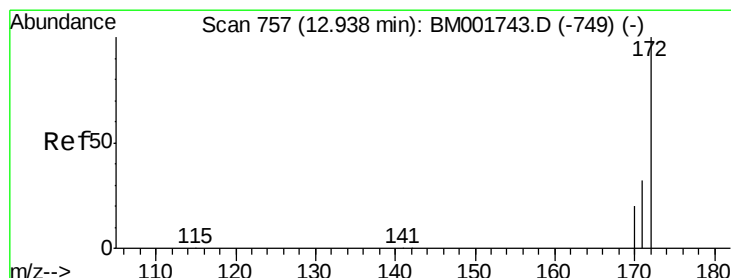
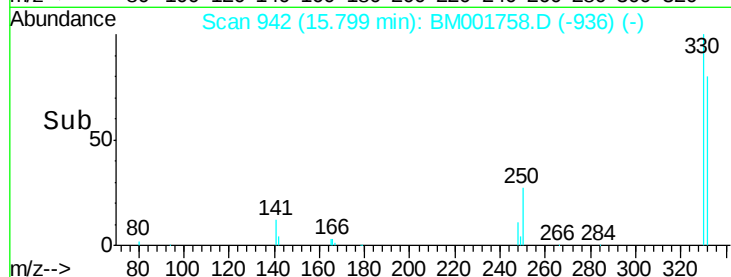
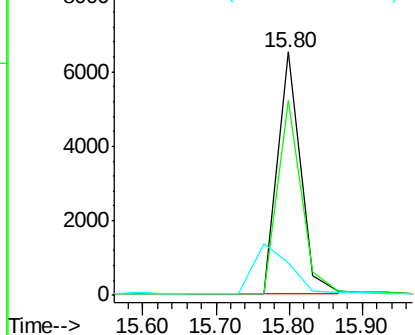
#13
 2,4,6-Tribromophenol
 Concen: 12.16 ng
 RT: 15.80 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: BM001758.D
 Acq: 19 Jun 2015 12:44

Instrument :
 BNA_M
 ClientSampleId :
 061715-P22-E-U-B

Tgt Ion:330 Resp: 14334
 Ion Ratio Lower Upper
 330 100
 332 83.3 65.8 98.8
 141 0.0 0.0 0.0

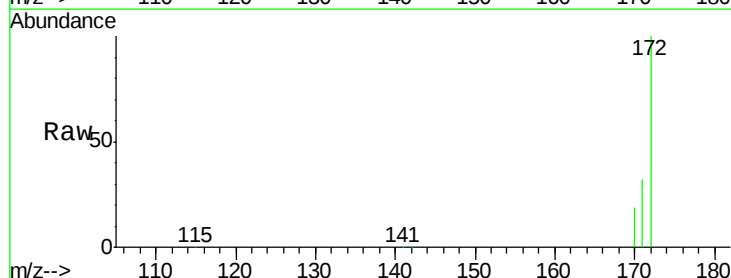


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

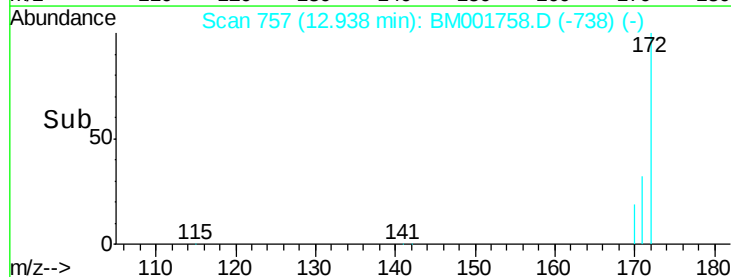
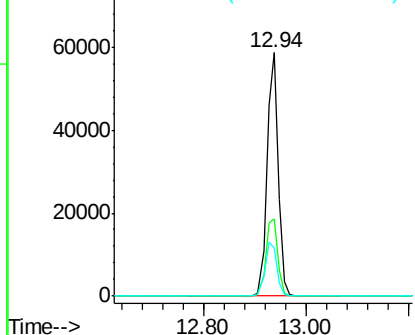


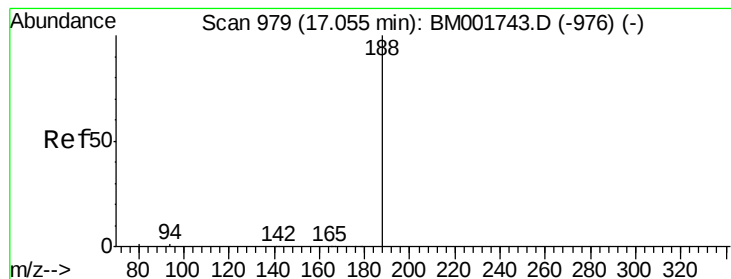
#14
 2-Fluorobiphenyl
 Concen: 6.64 ng
 RT: 12.94 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BM001758.D
 Acq: 19 Jun 2015 12:44

Tgt Ion:172 Resp: 89615
 Ion Ratio Lower Upper
 172 100
 171 31.6 26.2 39.2
 170 19.5 16.6 24.8



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





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.06 min Scan# 979

Delta R.T. 0.00 min

Lab File: BM001758.D

Acq: 19 Jun 2015 12:44

Instrument :

BNA_M

ClientSampleId :

061715-P22-E-U-B

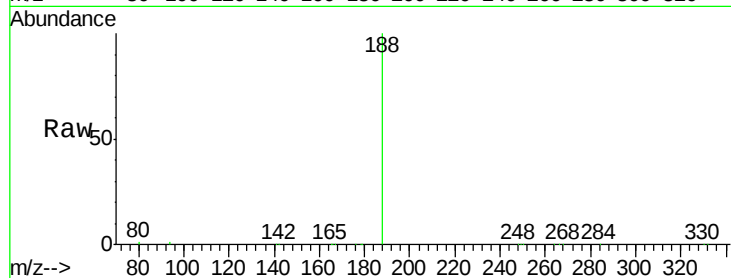
Tgt Ion:188 Resp: 87119

Ion Ratio Lower Upper

188 100

94 1.3 1.3 1.9

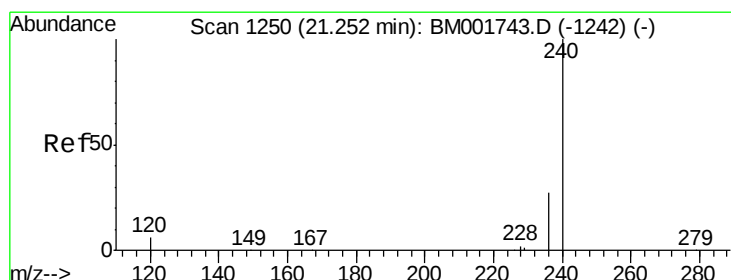
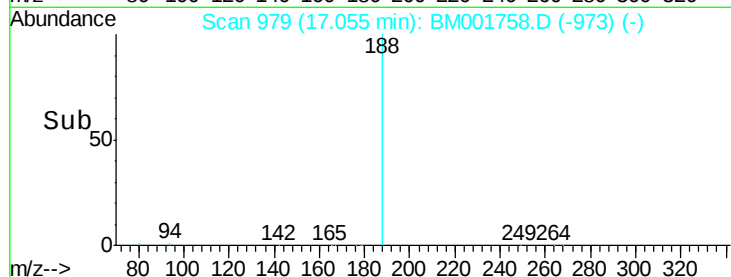
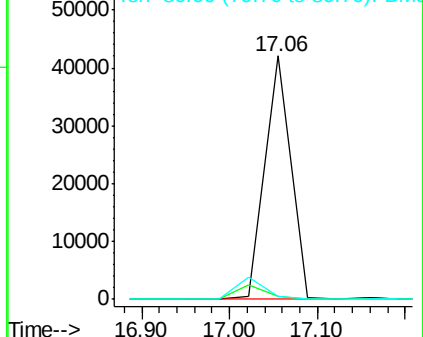
80 1.1 1.0 1.6



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



#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.25 min Scan# 1250

Delta R.T. 0.00 min

Lab File: BM001758.D

Acq: 19 Jun 2015 12:44

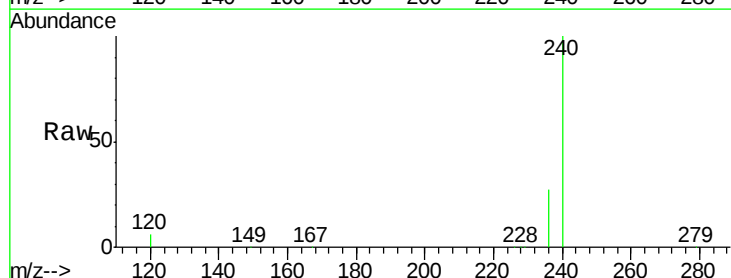
Tgt Ion:240 Resp: 50693

Ion Ratio Lower Upper

240 100

120 5.7 4.7 7.1

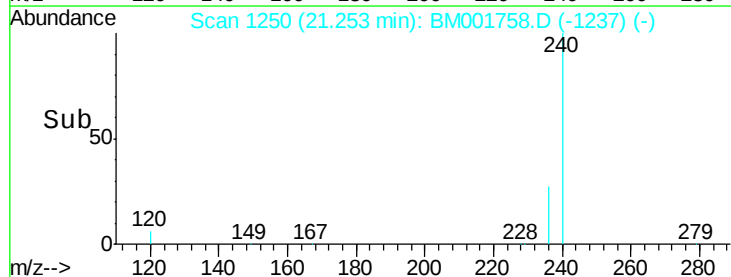
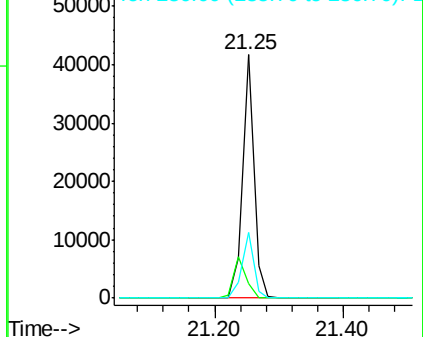
236 27.1 21.6 32.4

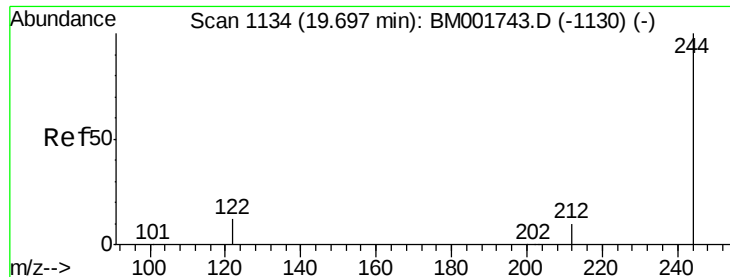


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

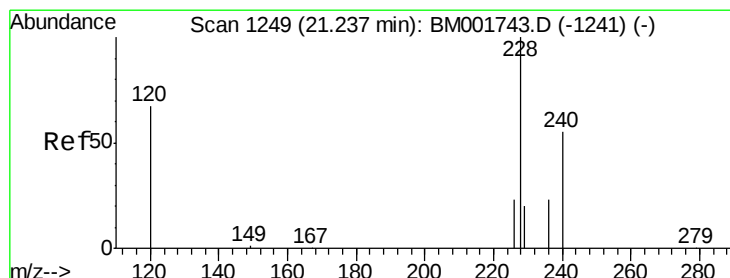
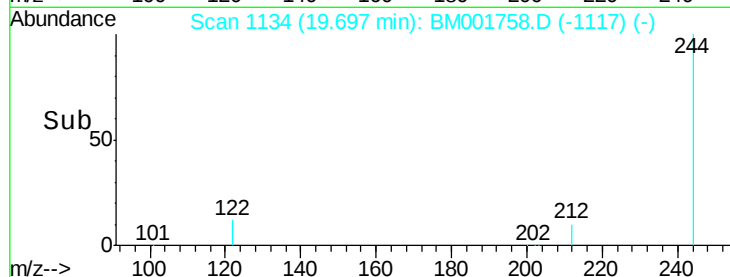
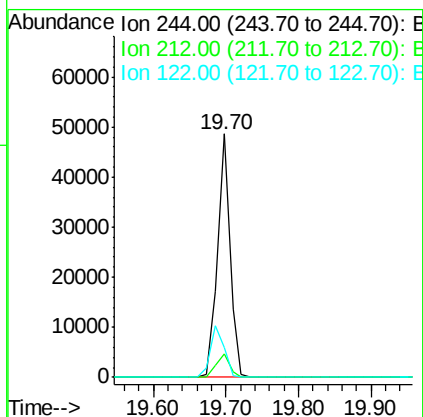
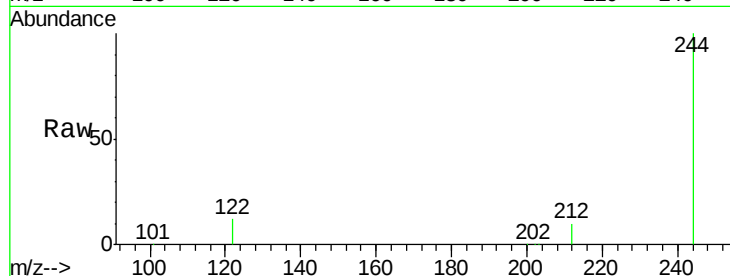




#27
 Terphenyl-d14
 Concen: 7.84 ng
 RT: 19.70 min Scan# 1134
 Delta R.T. 0.00 min
 Lab File: BM001758.D
 Acq: 19 Jun 2015 12:44

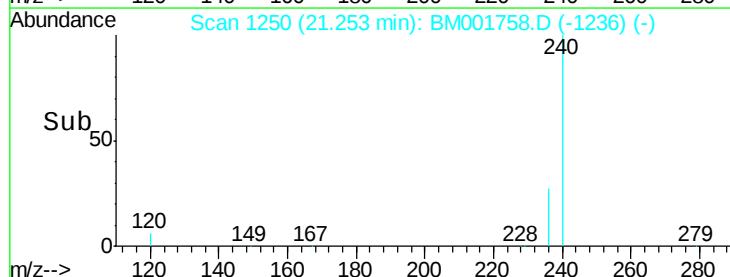
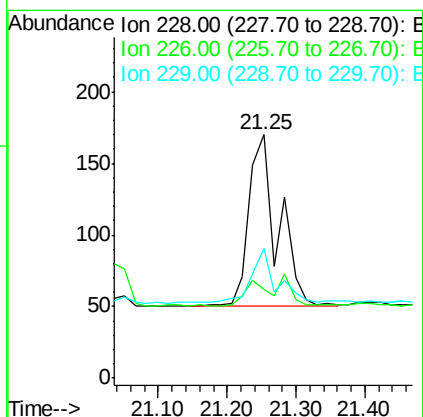
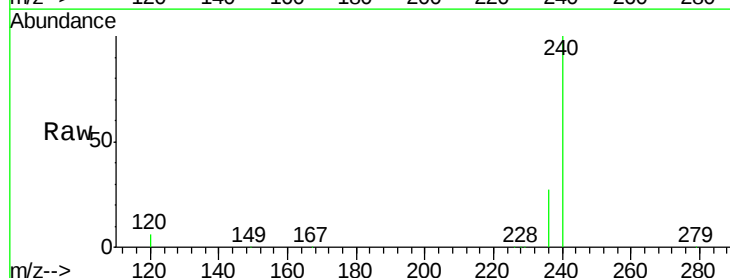
Instrument :
 BNA_M
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 061715-P22-E-U-B

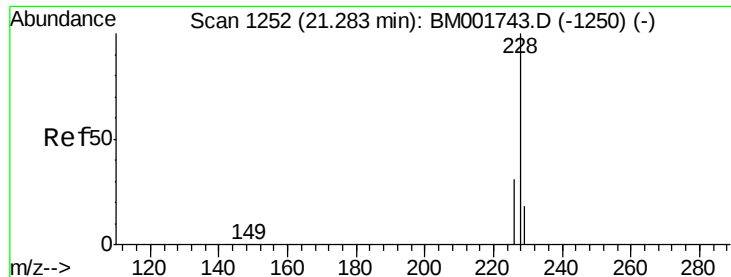
Tgt Ion: 244 Resp: 58531
 Ion Ratio Lower Upper
 244 100
 212 9.8 8.6 13.0
 122 12.3 10.6 15.8



#28
 Benzo(a)anthracene
 Concen: 0.02 ng
 RT: 21.25 min Scan# 1250
 Delta R.T. 0.02 min
 Lab File: BM001758.D
 Acq: 19 Jun 2015 12:44

Tgt Ion: 228 Resp: 350
 Ion Ratio Lower Upper
 228 100
 226 36.5 18.9 28.3#
 229 53.5 16.6 25.0#





#29

Chrysene

Concen: 0.02 ng

RT: 21.25 min Scan# 1250

Delta R.T. -0.03 min

Lab File: BM001758.D

Acq: 19 Jun 2015 12:44

Instrument :

BNA_M

ClientSampleId :

061715-P22-E-U-B

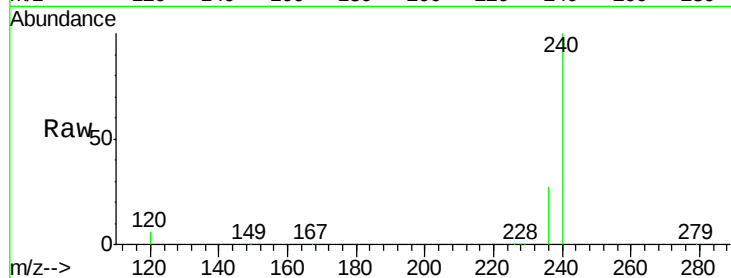
Tgt Ion:228 Resp: 350

Ion Ratio Lower Upper

228 100

226 36.5 24.3 36.5

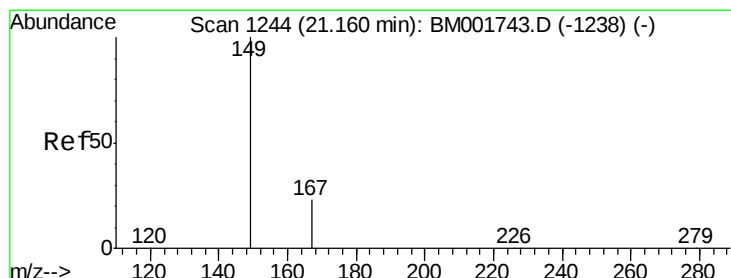
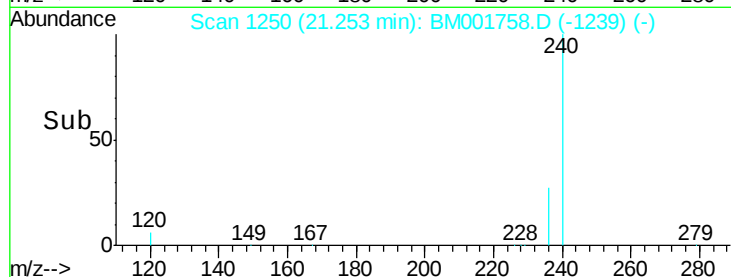
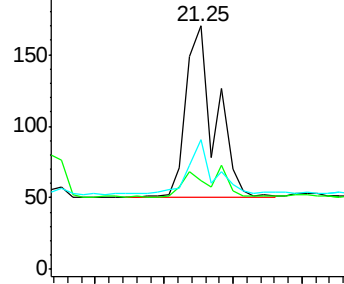
229 53.5 15.0 22.6#



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

Bis(2-ethylhexyl)phthalate

Concen: 0.14 ng

RT: 21.16 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BM001758.D

Acq: 19 Jun 2015 12:44

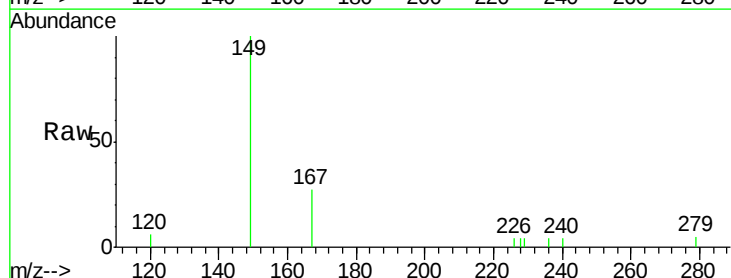
Tgt Ion:149 Resp: 1246

Ion Ratio Lower Upper

149 100

167 24.1 19.7 29.5

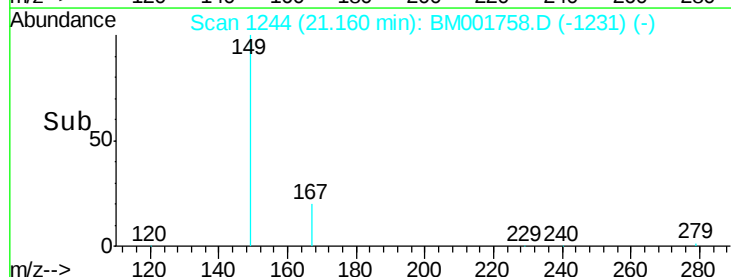
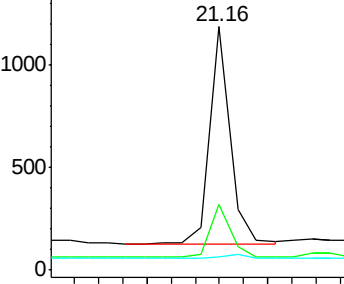
279 1.9 1.6 2.4

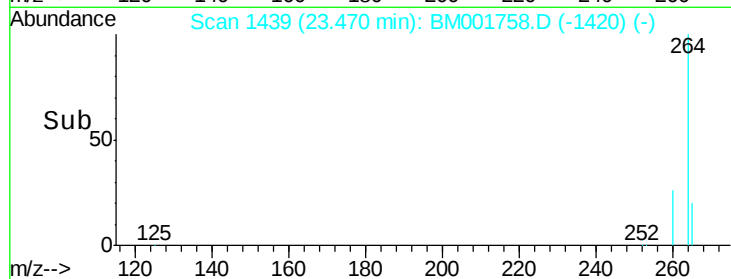
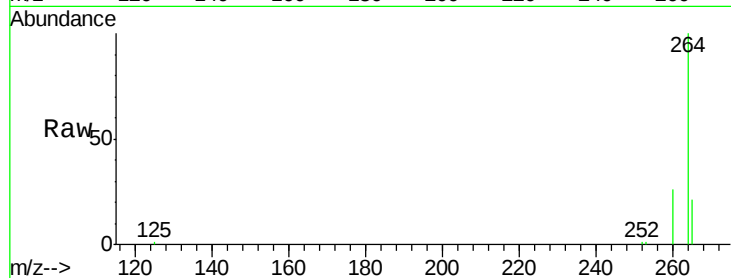
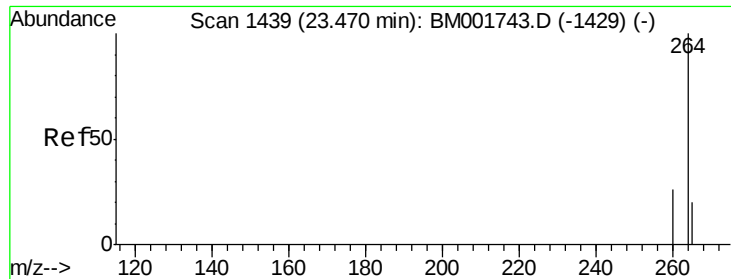


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#32

Perylene-d12

Concen: 5.00 ng

RT: 23.47 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BM001758.D

Acq: 19 Jun 2015 12:44

Instrument :

BNA_M

ClientSampleId :

061715-P22-E-U-B

Tgt Ion:264 Resp: 44066

Ion Ratio Lower Upper

264 100

260 26.1 20.8 31.2

265 21.2 16.8 25.2

