

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062215\
 Data File : BM001775.D
 Acq On : 22 Jun 2015 15:09
 Operator : TP/IZ
 Sample : PB84048TB
 Misc : 4 TIME INT STD
 ALS Vial : 7 Sample Multiplier: 4

Instrument :
 BNA_M
 ClientSampleId :
 PB84048TB

Quant Time: Jun 23 04:21:19 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

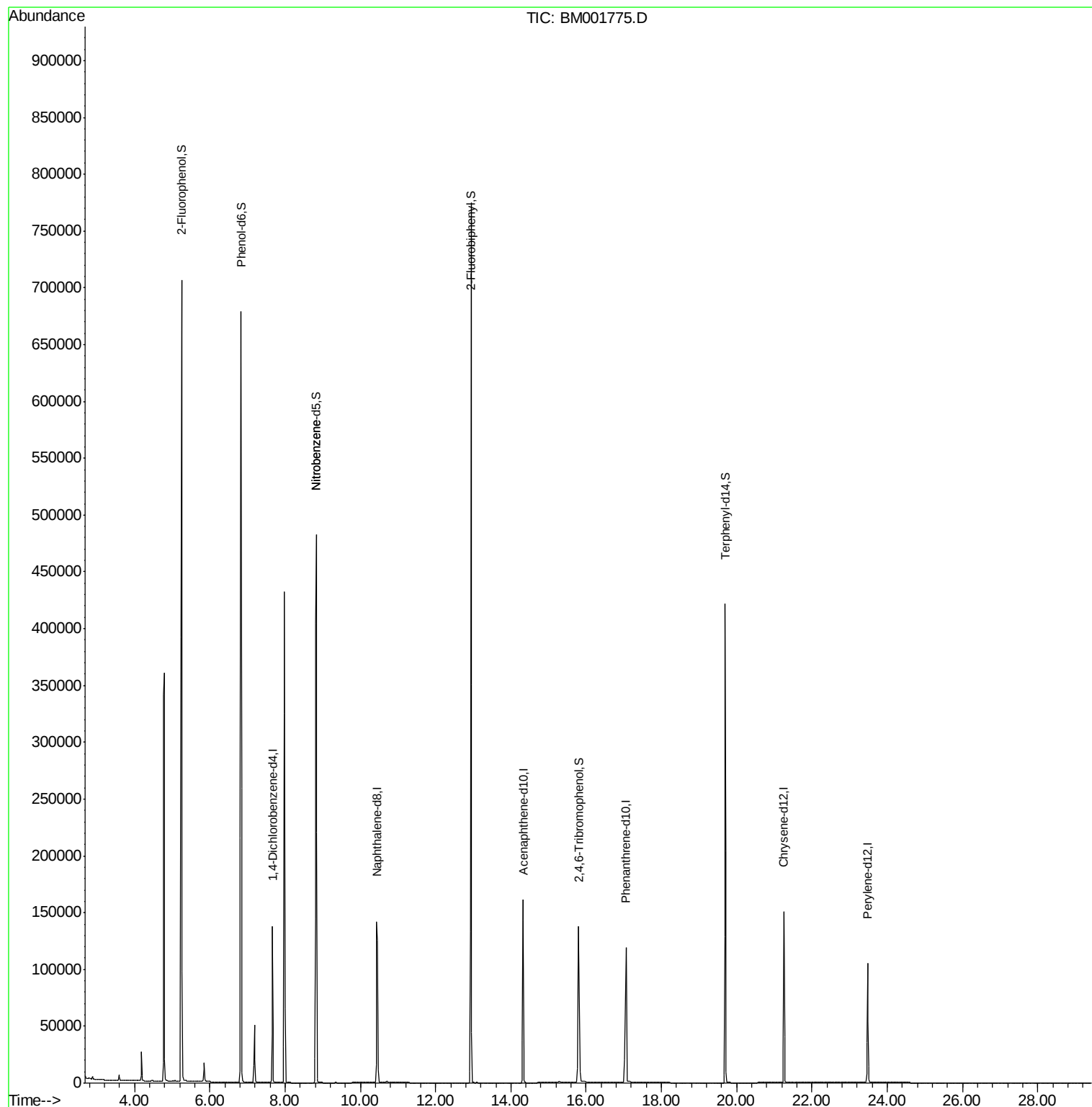
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	65566	5.00	ng	0.00
6) Naphthalene-d8	10.44	136	233266	5.00	ng	-0.02
12) Acenaphthene-d10	14.32	164	106096	5.00	ng	0.00
18) Phenanthrene-d10	17.06	188	239421	5.00	ng	0.00
25) Chrysene-d12	21.25	240	139705	5.00	ng	0.00
32) Perylene-d12	23.48	264	132624	5.00	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	528557	137.95	ng	0.00
5) Phenol-d6	6.83	99	671922	136.21	ng	0.00
7) Nitrobenzene-d5	8.83	82	407980	89.65	ng	0.00
13) 2,4,6-Tribromophenol	15.80	330	116382	140.51	ng	0.00
14) 2-Fluorobiphenyl	12.94	172	729373	76.95	ng	0.00
27) Terphenyl-d14	19.70	244	413864	80.41	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.58	42	210	0.07	ng	# 1
8) Nitrobenzene	8.83	77	1375	0.28	ng	# 39
16) Acenaphthene	14.31	154	468	0.06	ng	# 9
28) Benzo(a)anthracene	21.25	228	492	0.05	ng	# 77
29) Chrysene	21.25	228	493	0.04	ng	# 70

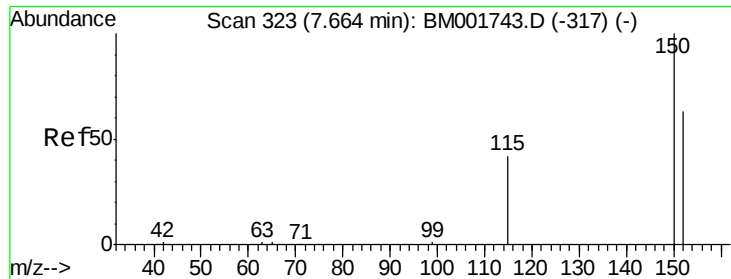
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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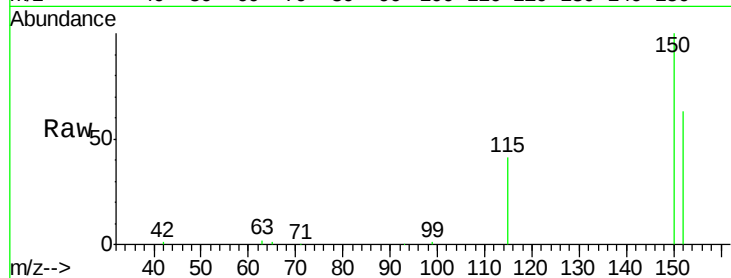




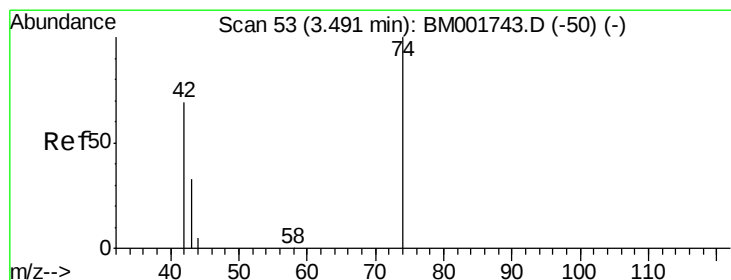
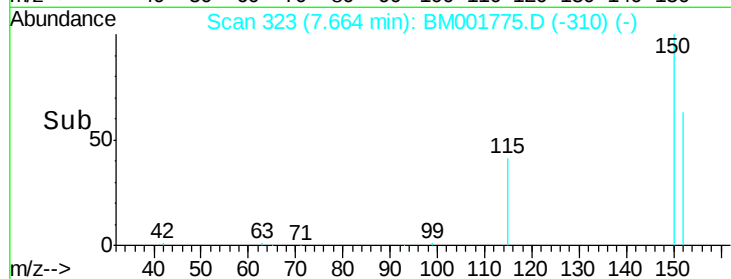
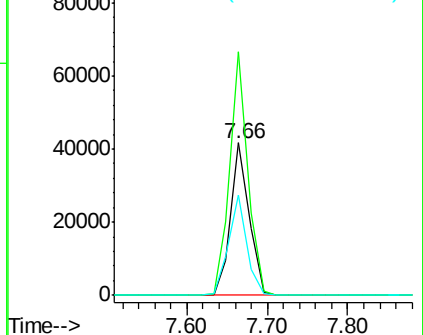
#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.66 min Scan# 323
 Delta R.T. 0.00 min
 Lab File: BM001775.D
 Acq: 22 Jun 2015 15:09

Instrument :
 BNA_M
 ClientSampleId :
 PB84048TB

Tgt Ion: 152 Resp: 65566
 Ion Ratio Lower Upper
 152 100
 150 159.7 127.5 191.3
 115 65.5 53.2 79.8

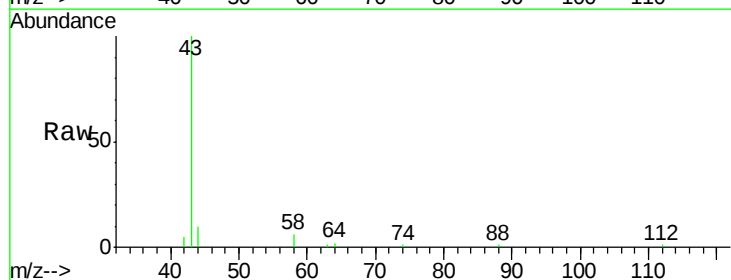


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

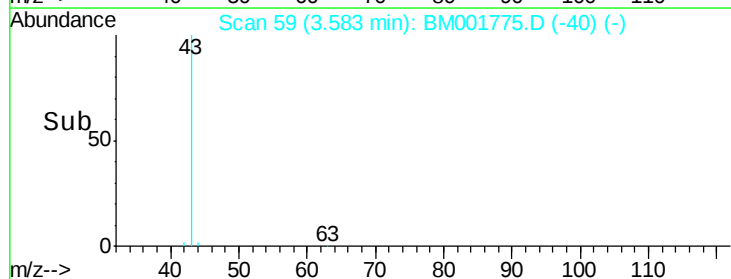
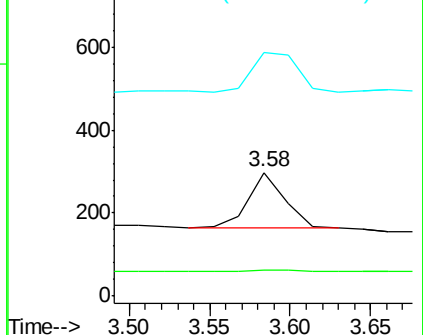


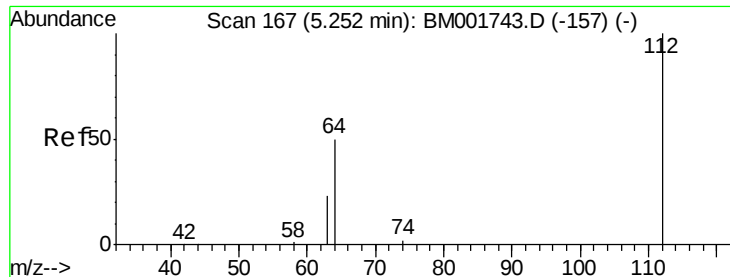
#3
 n-Nitrosodimethylamine
 Concen: 0.07 ng
 RT: 3.58 min Scan# 59
 Delta R.T. 0.09 min
 Lab File: BM001775.D
 Acq: 22 Jun 2015 15:09

Tgt Ion: 42 Resp: 210
 Ion Ratio Lower Upper
 42 100
 74 2.9 78.6 118.0#
 44 129.0 5.0 7.6#



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: 137.95 ng

RT: 5.25 min Scan# 167

Delta R.T. 0.00 min

Lab File: BM001775.D

Acq: 22 Jun 2015 15:09

Instrument :

BNA_M

ClientSampleId :

PB84048TB

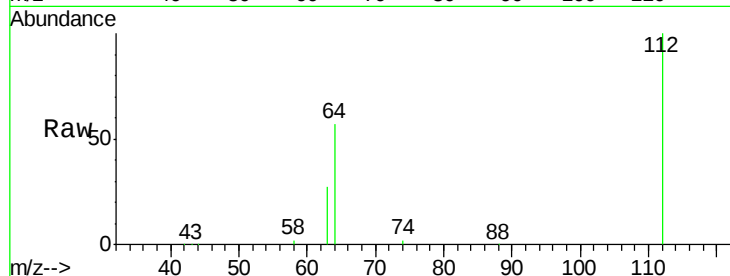
Tgt Ion: 112 Resp: 528557

Ion Ratio Lower Upper

112 100

64 69.5 55.6 83.4

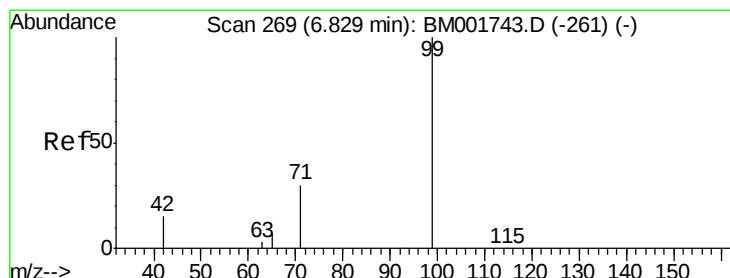
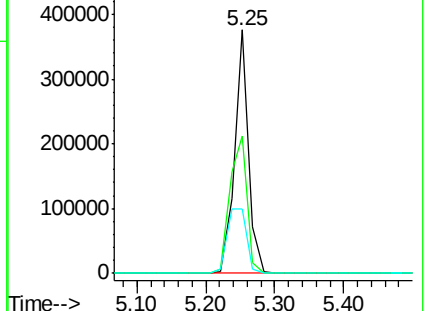
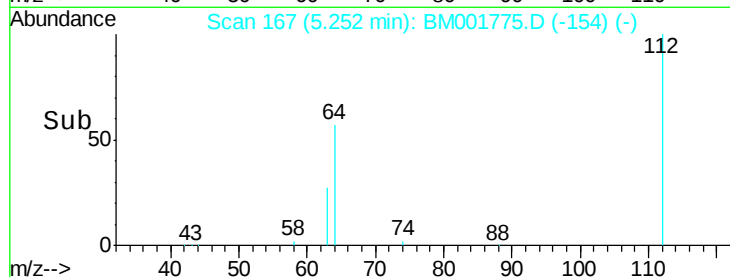
63 37.4 30.2 45.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#5

Phenol-d6

Concen: 136.21 ng

RT: 6.83 min Scan# 269

Delta R.T. 0.00 min

Lab File: BM001775.D

Acq: 22 Jun 2015 15:09

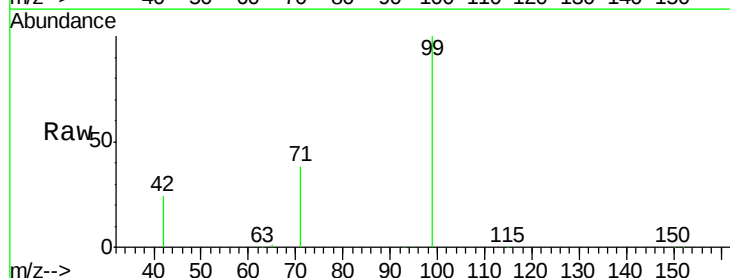
Tgt Ion: 99 Resp: 671922

Ion Ratio Lower Upper

99 100

42 25.5 21.4 32.0

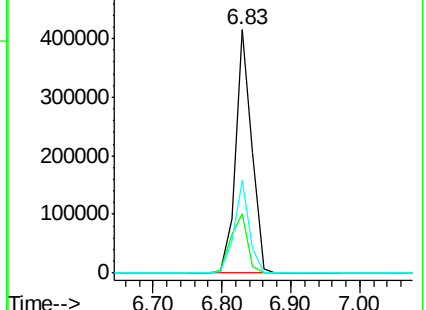
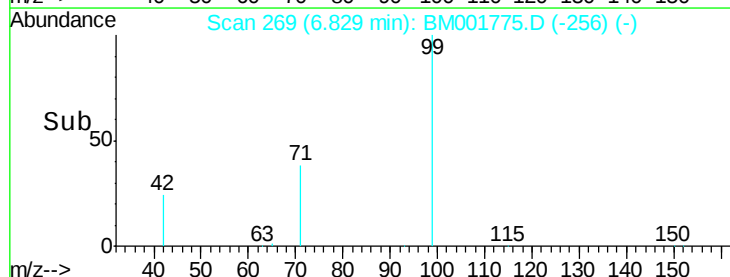
71 35.5 28.3 42.5

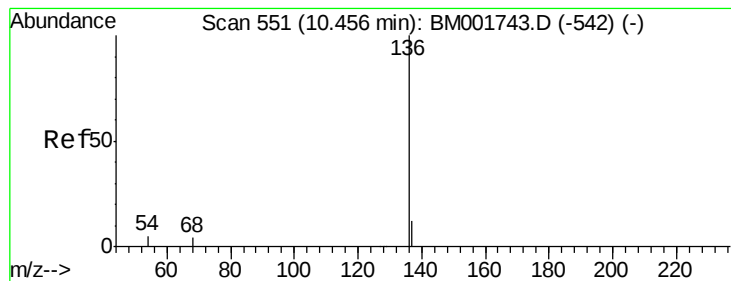


Abundance Ion 99.00 (98.70 to 99.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 71.00 (70.70 to 71.70): BM





#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.44 min Scan# 550

Delta R.T. -0.02 min

Lab File: BM001775.D

Acq: 22 Jun 2015 15:09

Instrument :

BNA_M

ClientSampleId :

PB84048TB

Tgt Ion: 136 Resp: 233266

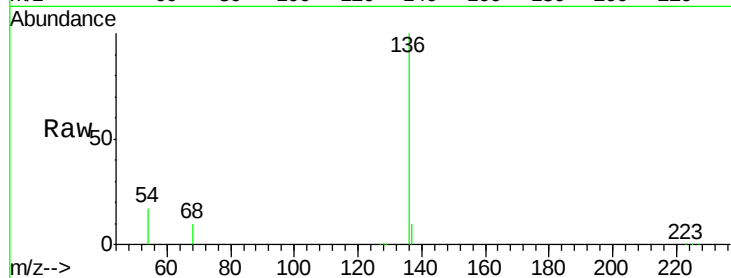
Ion Ratio Lower Upper

136 100

137 9.8 9.4 14.0

54 16.7 4.4 6.6#

68 9.6 3.1 4.7#

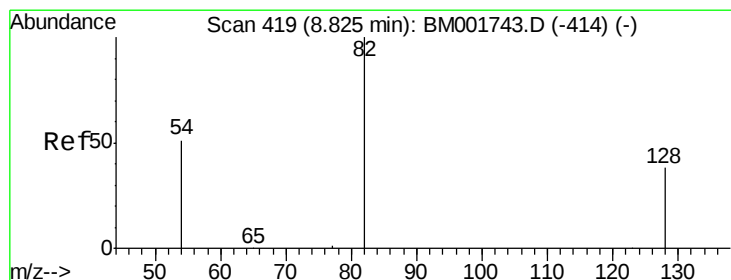
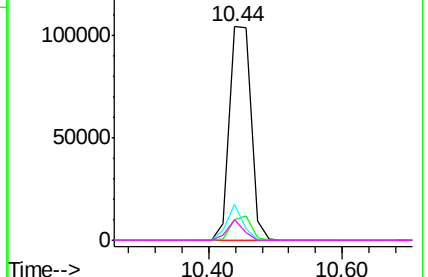
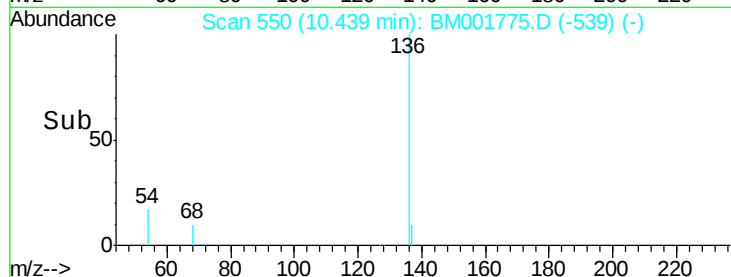


Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.65 ng

RT: 8.83 min Scan# 419

Delta R.T. 0.00 min

Lab File: BM001775.D

Acq: 22 Jun 2015 15:09

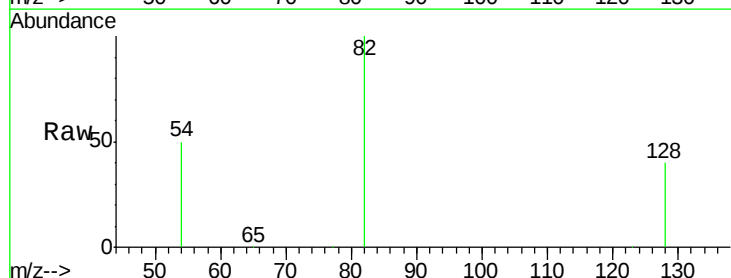
Tgt Ion: 82 Resp: 407980

Ion Ratio Lower Upper

82 100

128 39.6 31.3 46.9

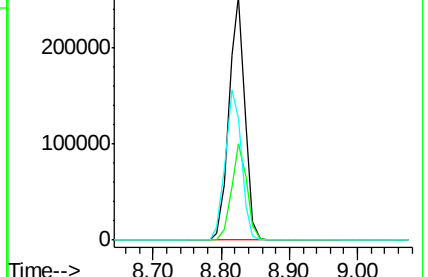
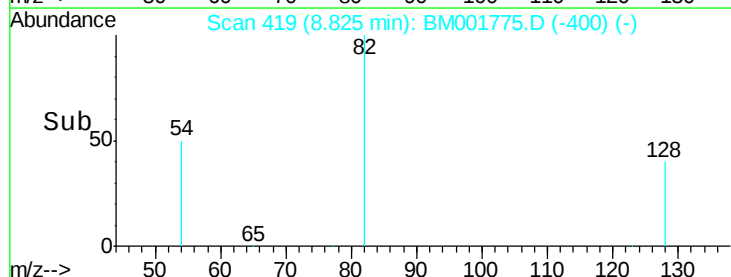
54 50.2 41.9 62.9

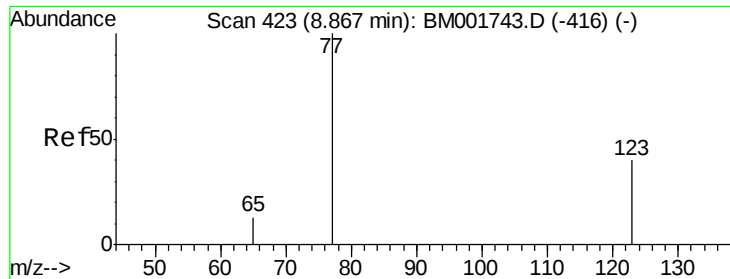


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#8

Nitrobenzene

Concen: 0.28 ng

RT: 8.83 min Scan# 419

Delta R.T. -0.04 min

Lab File: BM001775.D

Acq: 22 Jun 2015 15:09

Instrument :

BNA_M

ClientSampleId :

PB84048TB

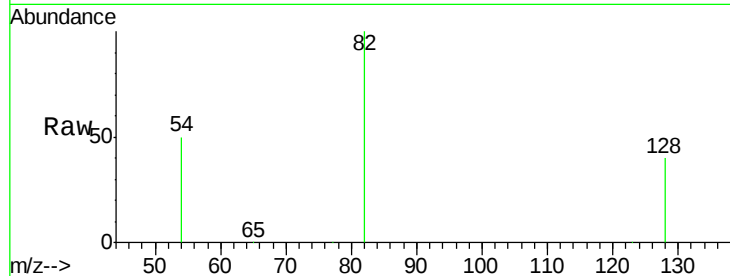
Tgt Ion: 77 Resp: 1375

Ion Ratio Lower Upper

77 100

123 0.8 30.1 45.1#

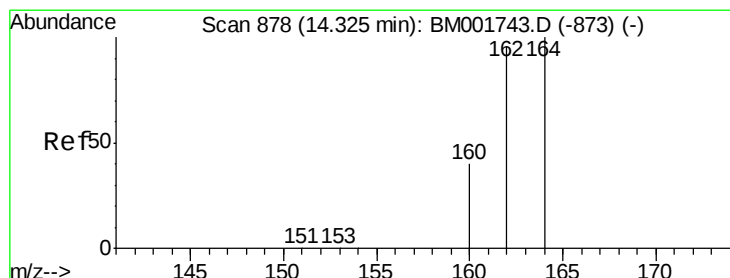
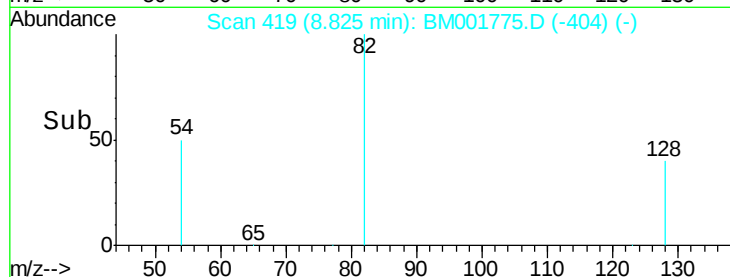
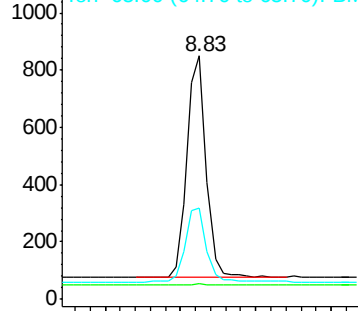
65 38.6 11.3 16.9#



Abundance Ion 77.00 (76.70 to 77.70): BM001775.D (-404) (-)

Ion 123.00 (122.70 to 123.70): BM001775.D (-404) (-)

Ion 65.00 (64.70 to 65.70): BM001775.D (-404) (-)



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.32 min Scan# 878

Delta R.T. 0.00 min

Lab File: BM001775.D

Acq: 22 Jun 2015 15:09

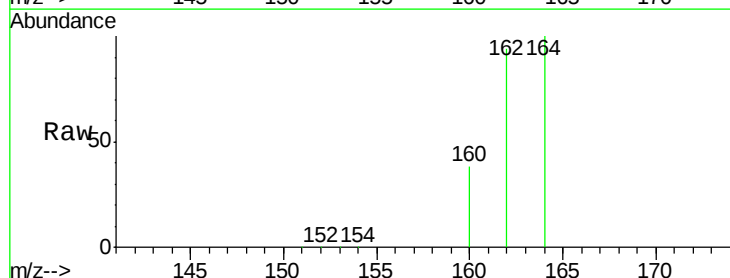
Tgt Ion: 164 Resp: 106096

Ion Ratio Lower Upper

164 100

162 94.2 76.6 114.8

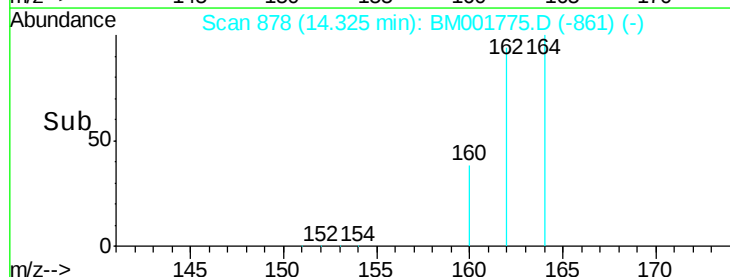
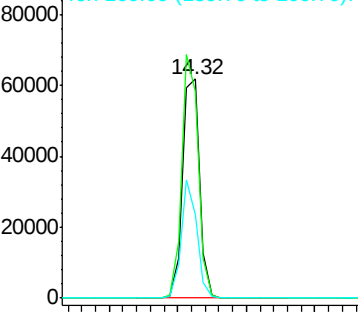
160 38.0 31.8 47.8

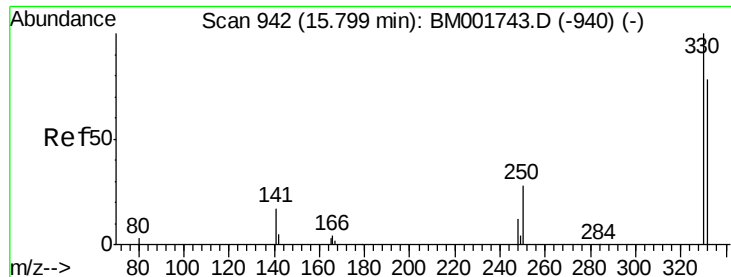


Abundance Ion 164.00 (163.70 to 164.70): BM001775.D (-861) (-)

Ion 162.00 (161.70 to 162.70): BM001775.D (-861) (-)

Ion 160.00 (159.70 to 160.70): BM001775.D (-861) (-)

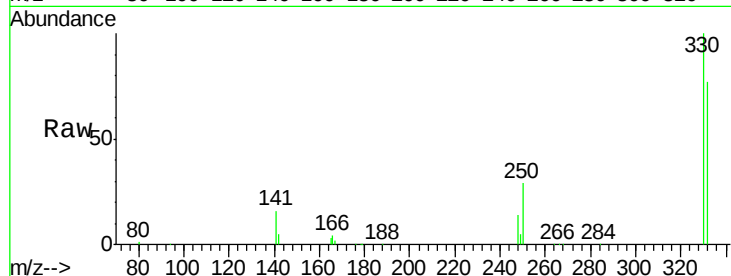




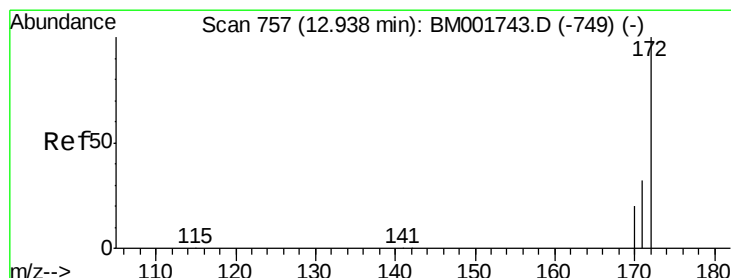
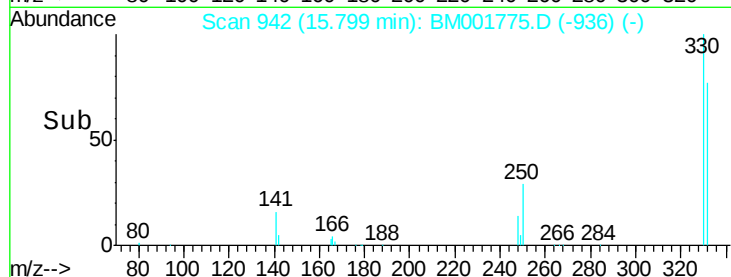
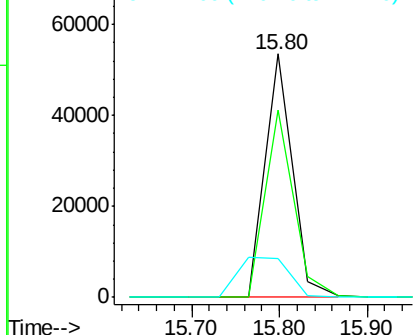
#13
 2,4,6-Tribromophenol
 Concen: 140.51 ng
 RT: 15.80 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: BM001775.D
 Acq: 22 Jun 2015 15:09

Instrument :
 BNA_M
 ClientSampleId :
 PB84048TB

Tgt Ion:330 Resp: 116382
 Ion Ratio Lower Upper
 330 100
 332 80.4 65.8 98.8
 141 0.0 0.0 0.0

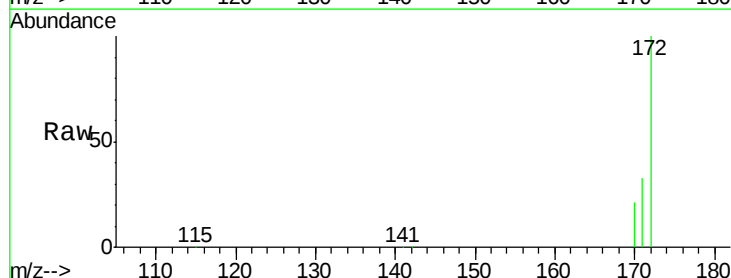


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

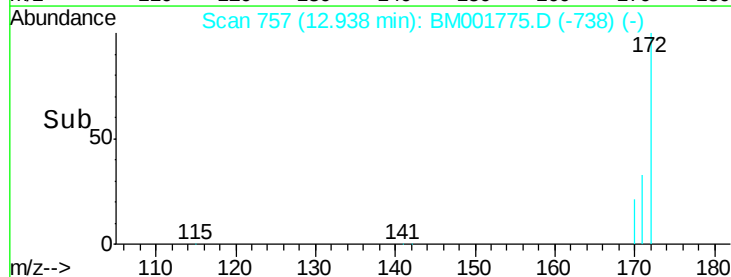
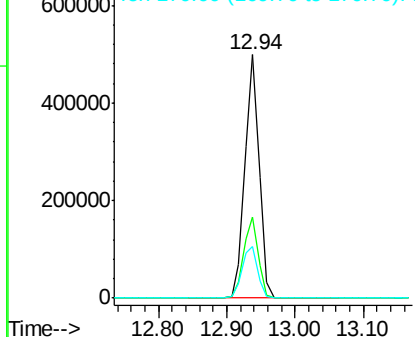


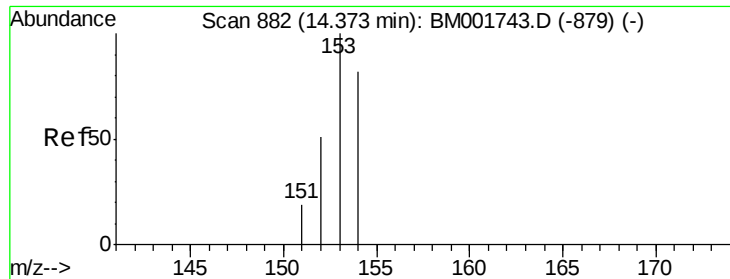
#14
 2-Fluorobiphenyl
 Concen: 76.95 ng
 RT: 12.94 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BM001775.D
 Acq: 22 Jun 2015 15:09

Tgt Ion:172 Resp: 729373
 Ion Ratio Lower Upper
 172 100
 171 33.3 26.2 39.2
 170 21.4 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

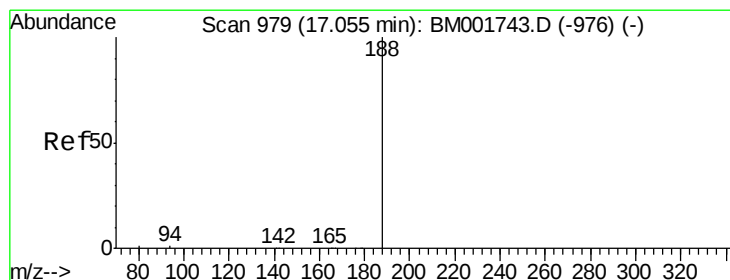
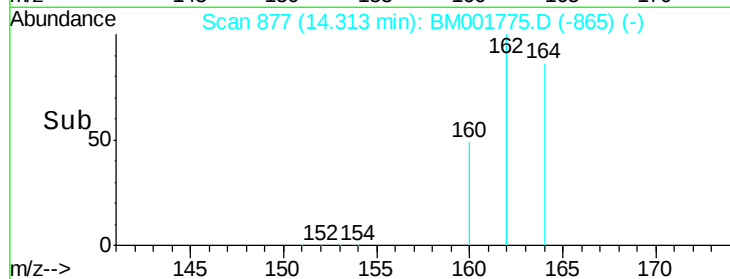
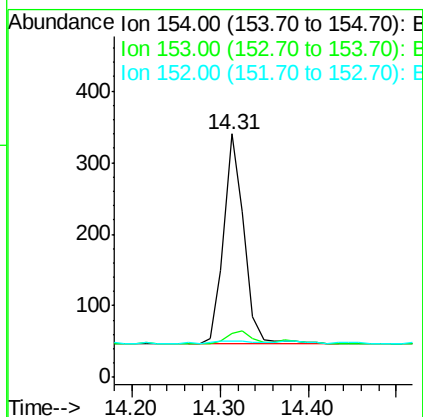
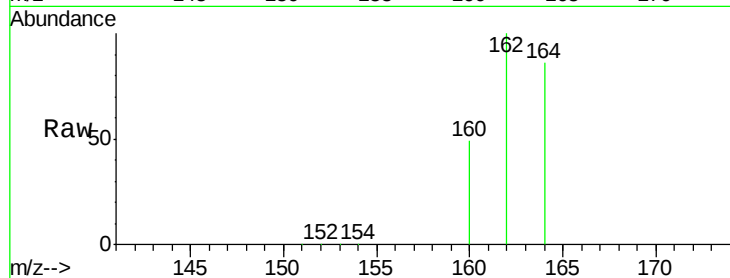




#16
Acenaphthene
Concen: 0.06 ng
RT: 14.31 min Scan# 877
Delta R.T. -0.06 min
Lab File: BM001775.D
Acq: 22 Jun 2015 15:09

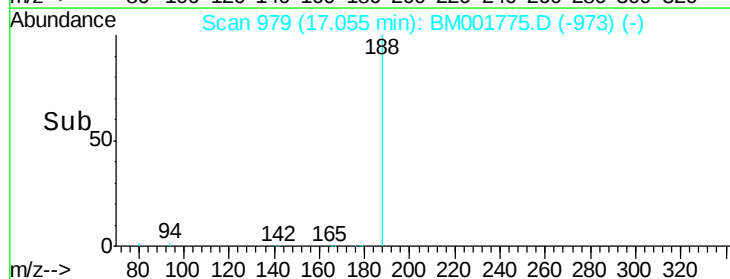
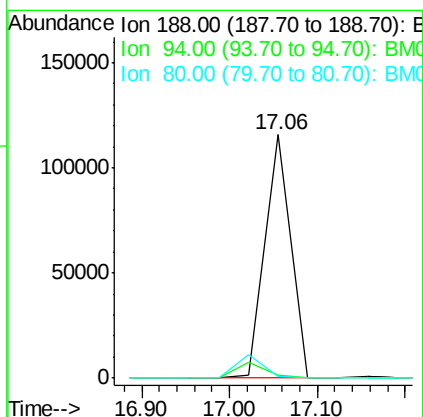
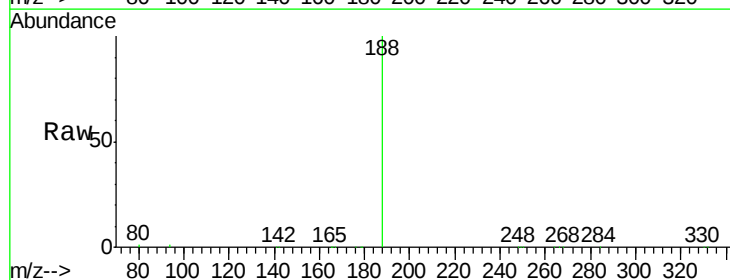
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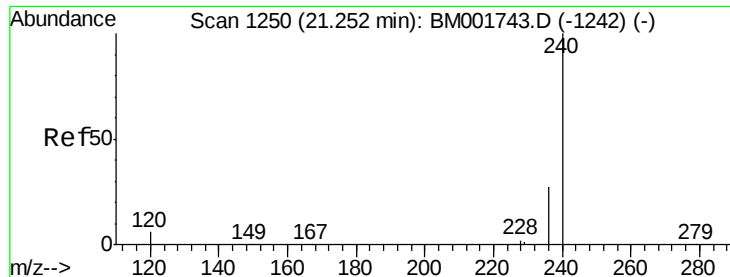
Tgt Ion:154 Resp: 468
Ion Ratio Lower Upper
154 100
153 6.4 90.0 135.0#
152 1.7 44.2 66.4#



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.06 min Scan# 979
Delta R.T. 0.00 min
Lab File: BM001775.D
Acq: 22 Jun 2015 15:09

Tgt Ion:188 Resp: 239421
Ion Ratio Lower Upper
188 100
94 1.1 1.3 1.9#
80 0.9 1.0 1.6#





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.25 min Scan# 1250

Delta R.T. 0.00 min

Lab File: BM001775.D

Acq: 22 Jun 2015 15:09

Instrument :

BNA_M

ClientSampleId :

PB84048TB

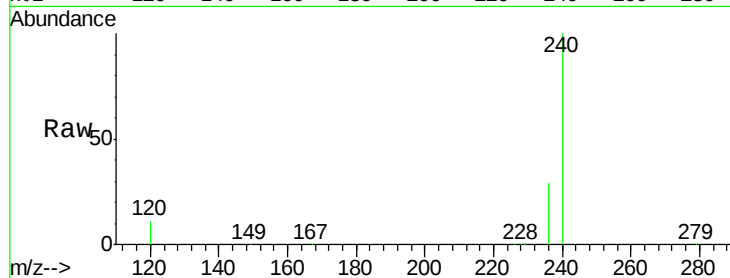
Tgt Ion:240 Resp: 139705

Ion Ratio Lower Upper

240 100

120 10.9 4.7 7.1#

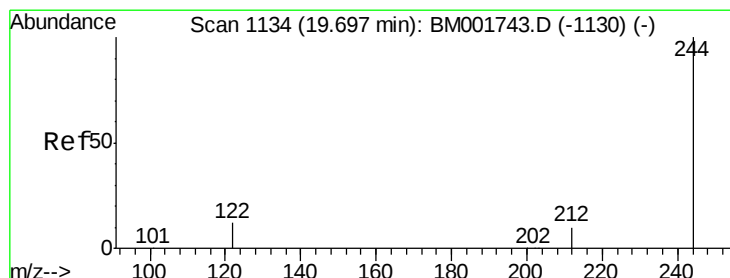
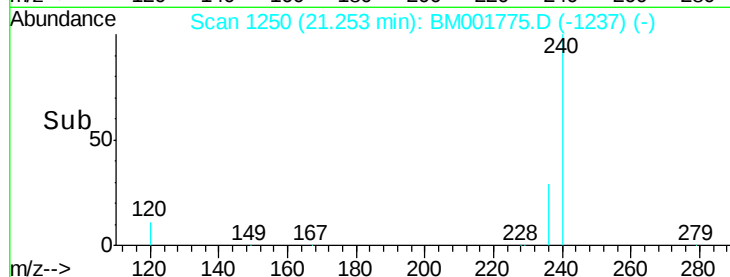
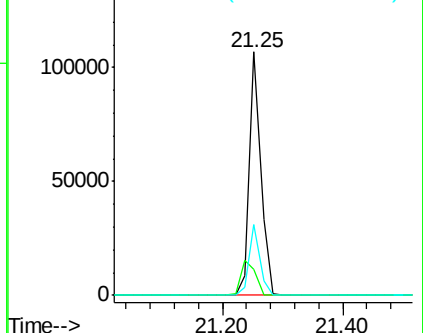
236 29.1 21.6 32.4



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: 80.41 ng

RT: 19.70 min Scan# 1134

Delta R.T. 0.00 min

Lab File: BM001775.D

Acq: 22 Jun 2015 15:09

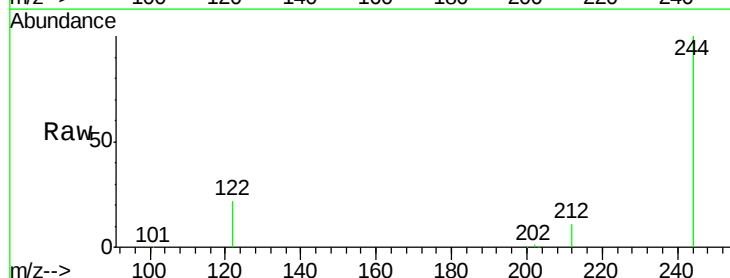
Tgt Ion:244 Resp: 413864

Ion Ratio Lower Upper

244 100

212 11.2 8.6 13.0

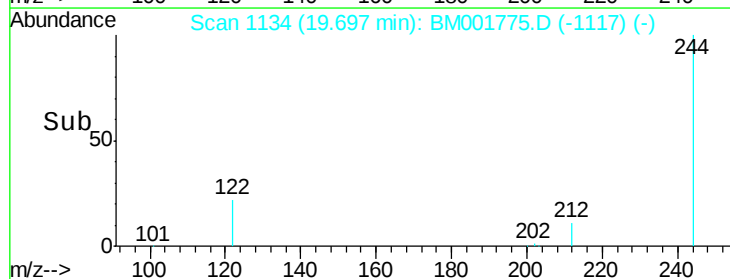
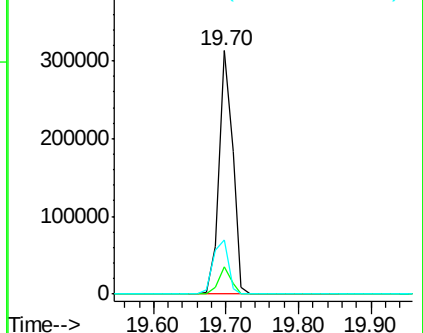
122 22.4 10.6 15.8#

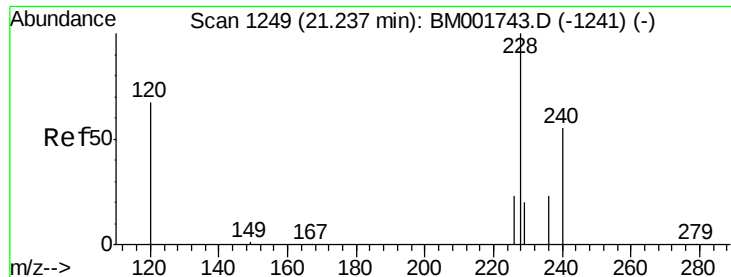


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#28

Benzo(a)anthracene

Concen: 0.05 ng

RT: 21.25 min Scan# 1250

Delta R.T. 0.02 min

Lab File: BM001775.D

Acq: 22 Jun 2015 15:09

Instrument :

BNA_M

ClientSampleId :

PB84048TB

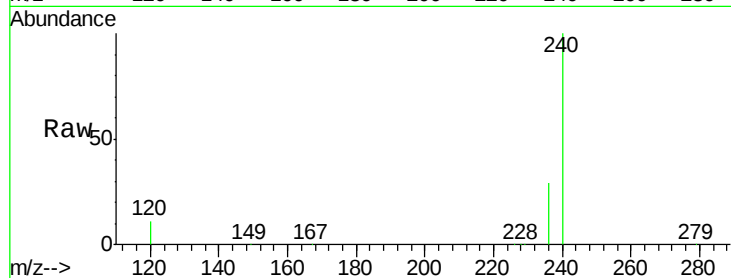
Tgt Ion:228 Resp: 492

Ion Ratio Lower Upper

228 100

226 18.2 18.9 28.3#

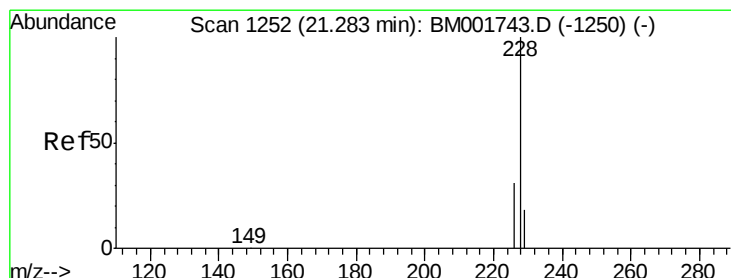
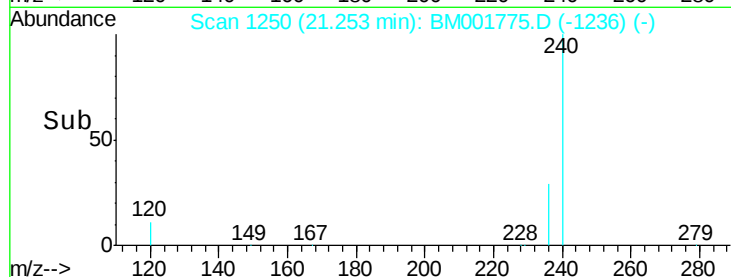
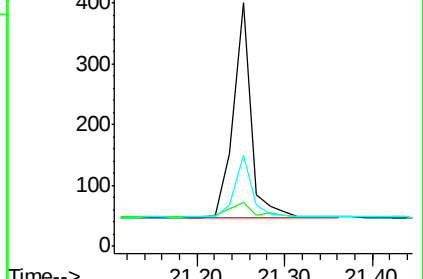
229 37.7 16.6 25.0#



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



#29

Chrysene

Concen: 0.04 ng

RT: 21.25 min Scan# 1250

Delta R.T. -0.03 min

Lab File: BM001775.D

Acq: 22 Jun 2015 15:09

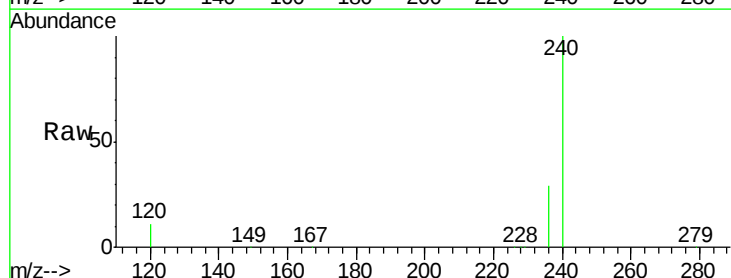
Tgt Ion:228 Resp: 493

Ion Ratio Lower Upper

228 100

226 18.2 24.3 36.5#

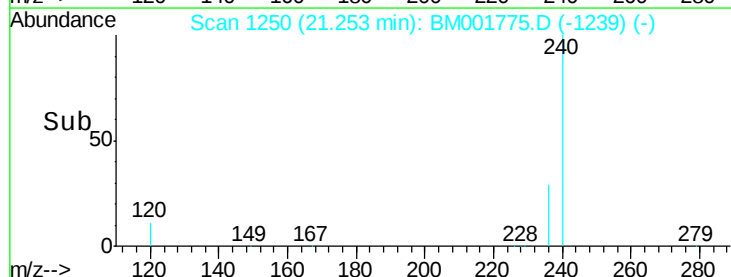
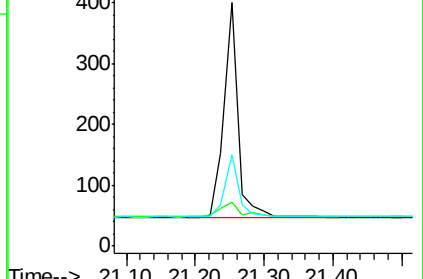
229 37.7 15.0 22.6#

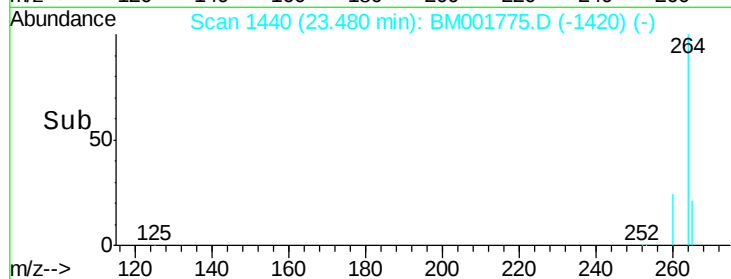
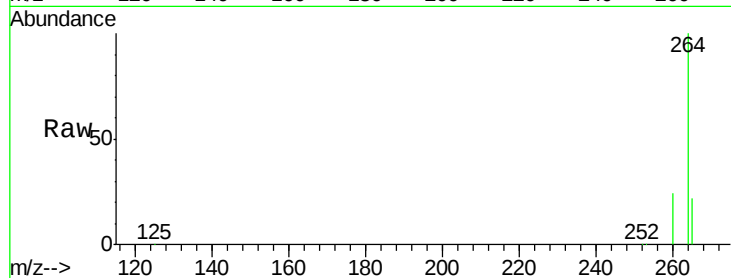
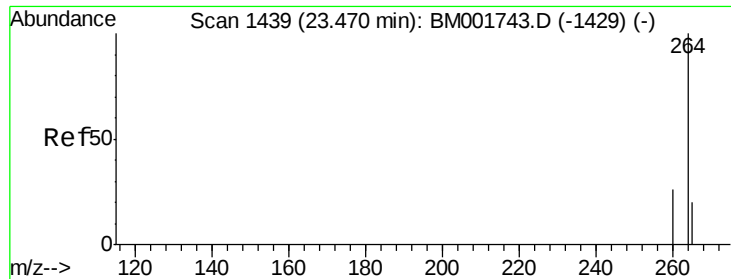


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Perylene-d12

Concen: 5.00 ng

RT: 23.48 min Scan# 1440

Delta R.T. 0.01 min

Lab File: BM001775.D

Acq: 22 Jun 2015 15:09

Instrument :

BNA_M

ClientSampleId :

PB84048TB

Tgt Ion: 264 Resp: 132624

Ion Ratio Lower Upper

264 100

260 24.3 20.8 31.2

265 21.6 16.8 25.2

