

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061915\
 Data File : BM001761.D
 Acq On : 19 Jun 2015 14:32
 Operator : TP/IZ
 Sample : PB84004BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84004BL

Quant Time: Jun 20 02:08:49 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

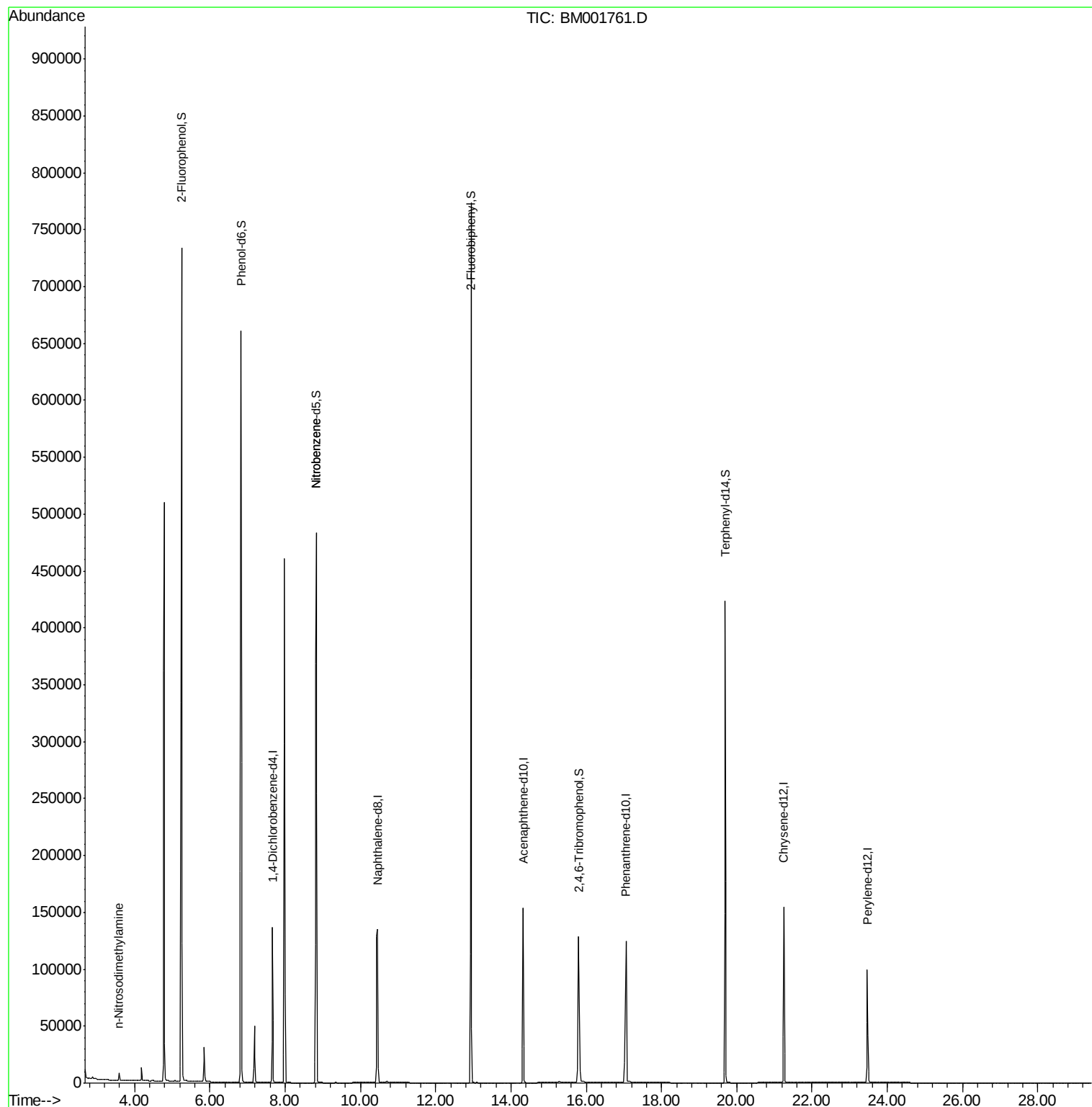
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	65253	5.00	ng	0.00
6) Naphthalene-d8	10.46	136	229683	5.00	ng	0.00
12) Acenaphthene-d10	14.32	164	104056	5.00	ng	0.00
18) Phenanthrene-d10	17.06	188	248512	5.00	ng	0.00
25) Chrysene-d12	21.25	240	140095	5.00	ng	0.00
32) Perylene-d12	23.47	264	133800	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	522325	34.24	ng	0.00
5) Phenol-d6	6.83	99	659008	33.56	ng	0.00
7) Nitrobenzene-d5	8.83	82	403326	22.50	ng	0.00
13) 2,4,6-Tribromophenol	15.80	330	105548	32.48	ng	0.00
14) 2-Fluorobiphenyl	12.94	172	714110	19.20	ng	0.00
27) Terphenyl-d14	19.70	244	411179	19.92	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.58	42	316	0.03	ng	# 1
8) Nitrobenzene	8.83	77	1350	0.07	ng	# 40

(#) = 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: BM001761.D

Acq: 19 Jun 2015 14:32

Instrument :

BNA_F

ClientSampleId :

PB84004BL

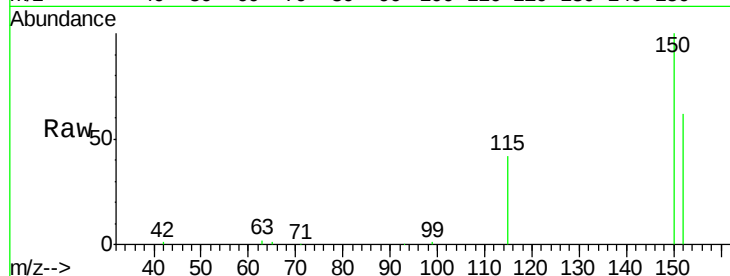
Tgt Ion:152 Resp: 65253

Ion Ratio Lower Upper

152 100

150 162.3 127.5 191.3

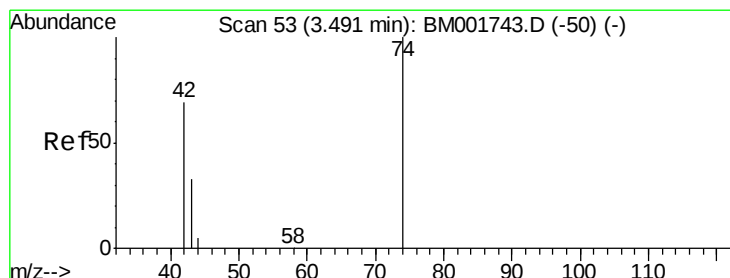
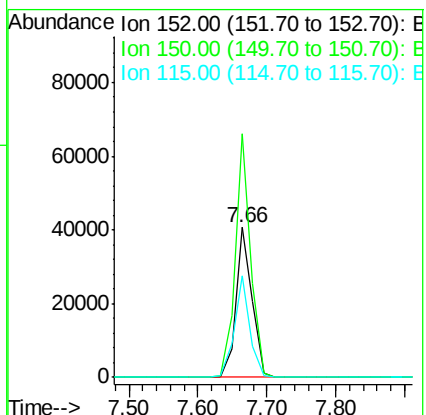
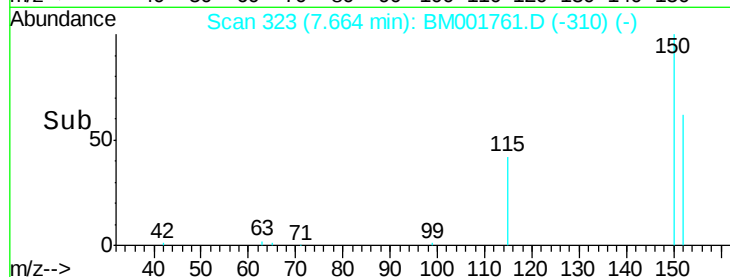
115 67.9 53.2 79.8



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: 0.03 ng

RT: 3.58 min Scan# 59

Delta R.T. 0.09 min

Lab File: BM001761.D

Acq: 19 Jun 2015 14:32

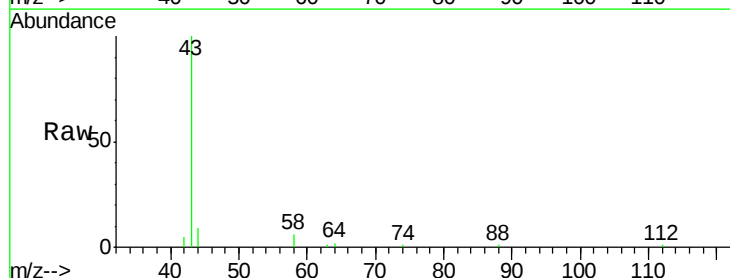
Tgt Ion: 42 Resp: 316

Ion Ratio Lower Upper

42 100

74 3.8 78.6 118.0#

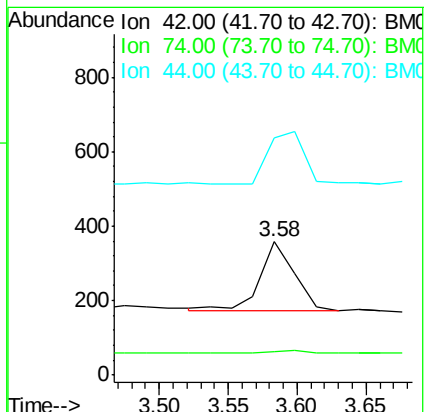
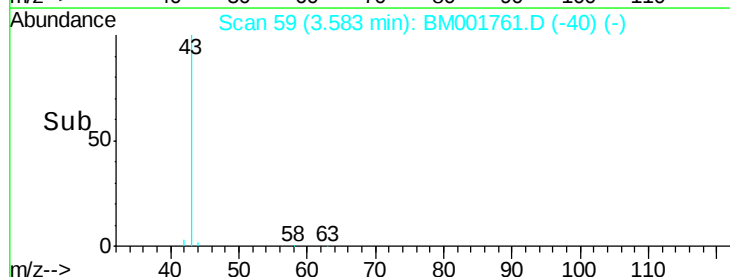
44 82.0 5.0 7.6#

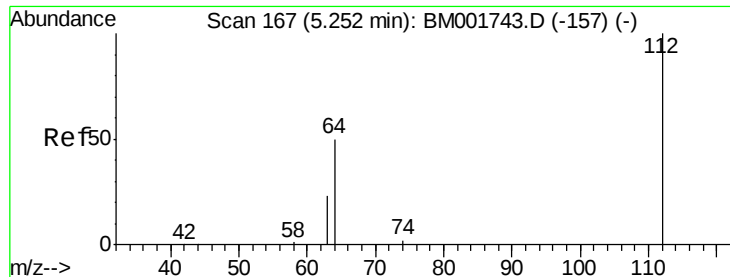


Abundance Ion 42.00 (41.70 to 42.70): BM0

Ion 74.00 (73.70 to 74.70): BM0

Ion 44.00 (43.70 to 44.70): BM0





#4

2-Fluorophenol

Concen: 34.24 ng

RT: 5.25 min Scan# 167

Delta R.T. -0.00 min

Lab File: BM001761.D

Acq: 19 Jun 2015 14:32

Instrument :

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ClientSampleId :

PB84004BL

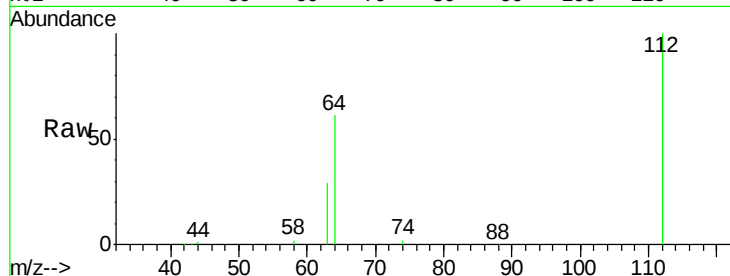
Tgt Ion: 112 Resp: 522325

Ion Ratio Lower Upper

112 100

64 69.9 55.6 83.4

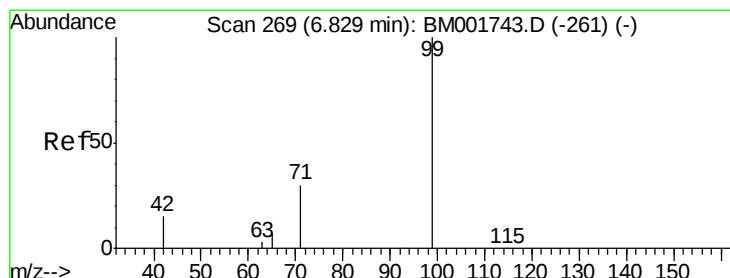
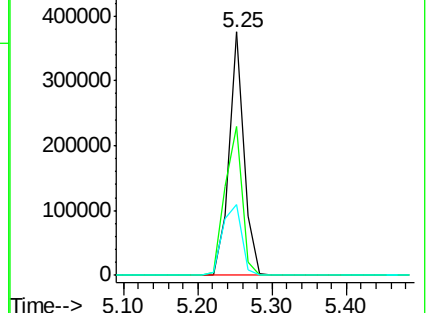
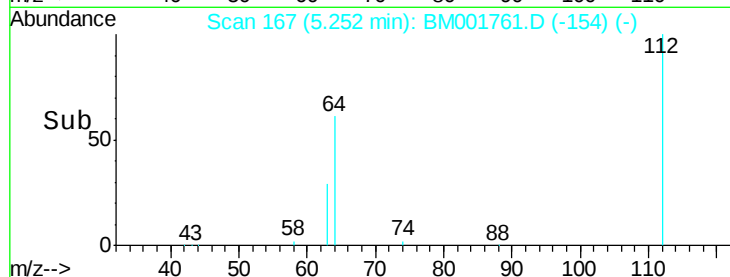
63 37.6 30.2 45.2



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: 33.56 ng

RT: 6.83 min Scan# 269

Delta R.T. -0.00 min

Lab File: BM001761.D

Acq: 19 Jun 2015 14:32

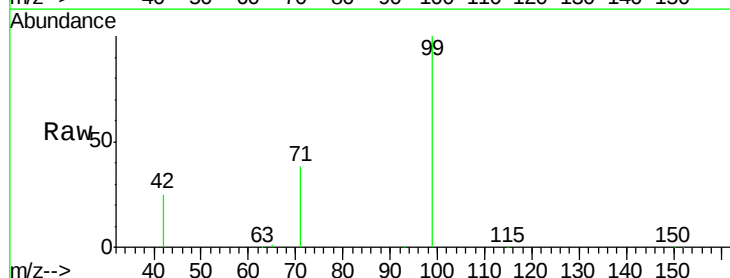
Tgt Ion: 99 Resp: 659008

Ion Ratio Lower Upper

99 100

42 25.3 21.4 32.0

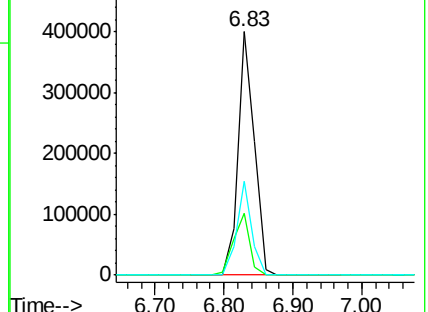
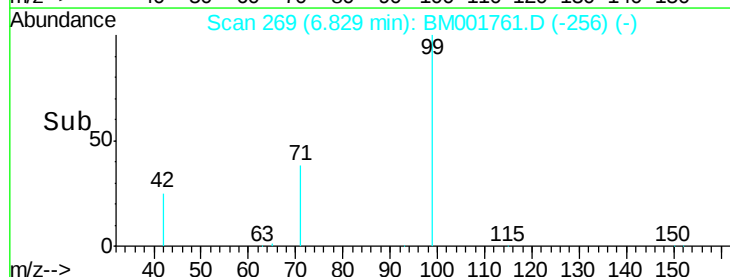
71 35.4 28.3 42.5

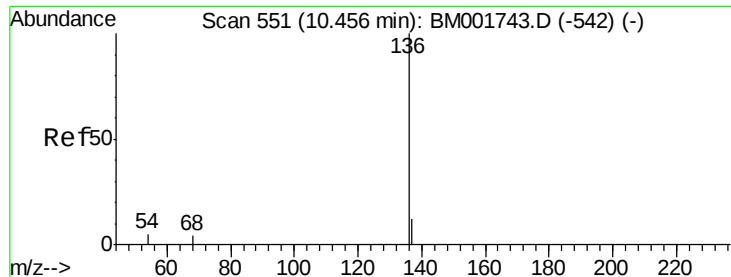


Abundance Ion 99.00 (98.70 to 99.70): B

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: BM001761.D

Acq: 19 Jun 2015 14:32

Instrument :

BNA_F

ClientSampleId :

PB84004BL

Tgt Ion:136 Resp: 229683

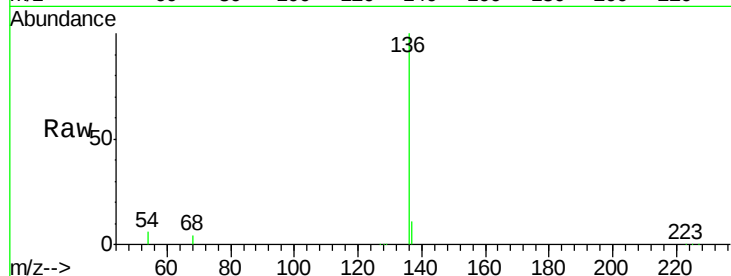
Ion Ratio Lower Upper

136 100

137 11.5 9.4 14.0

54 5.5 4.4 6.6

68 3.9 3.1 4.7

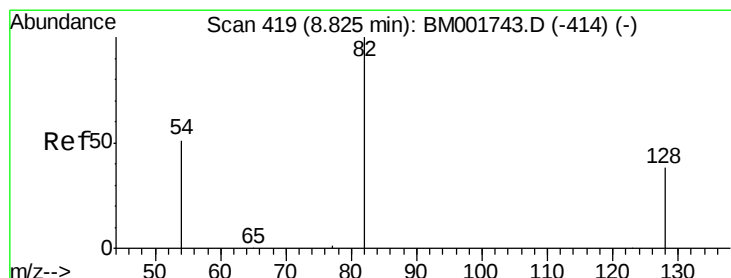
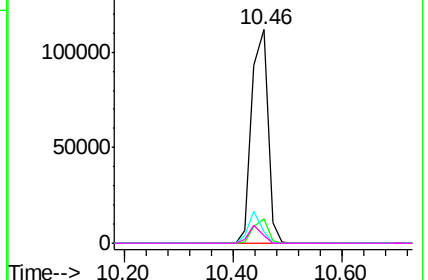
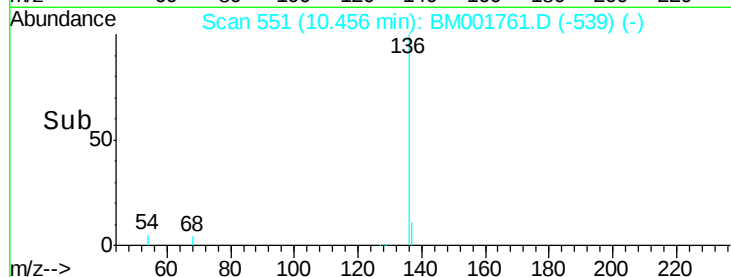


Abundance Ion 136.00 (135.70 to 136.70): E

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: 22.50 ng

RT: 8.83 min Scan# 419

Delta R.T. -0.00 min

Lab File: BM001761.D

Acq: 19 Jun 2015 14:32

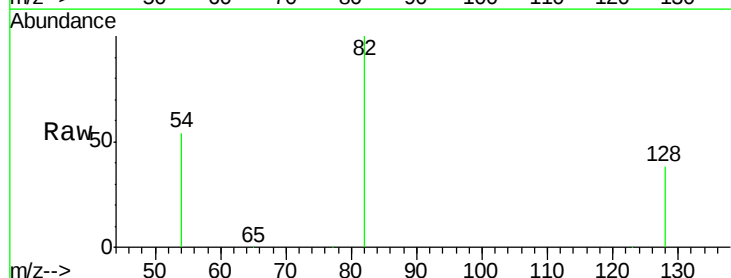
Tgt Ion: 82 Resp: 403326

Ion Ratio Lower Upper

82 100

128 37.8 31.3 46.9

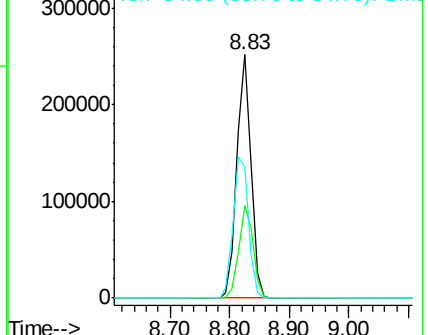
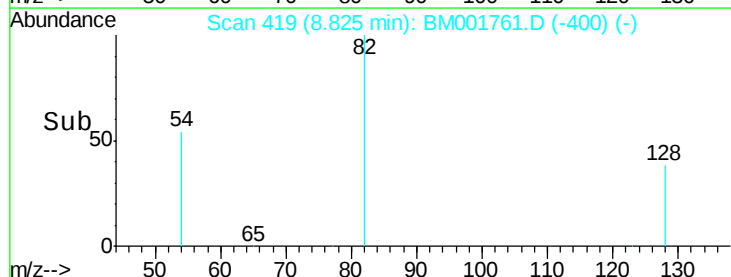
54 53.8 41.9 62.9

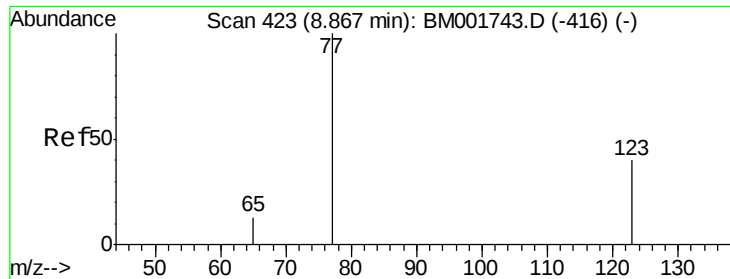


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#8

Nitrobenzene

Concen: 0.07 ng

RT: 8.83 min Scan# 419

Delta R.T. -0.04 min

Lab File: BM001761.D

Acq: 19 Jun 2015 14:32

Instrument :

BNA_F

ClientSampleId :

PB84004BL

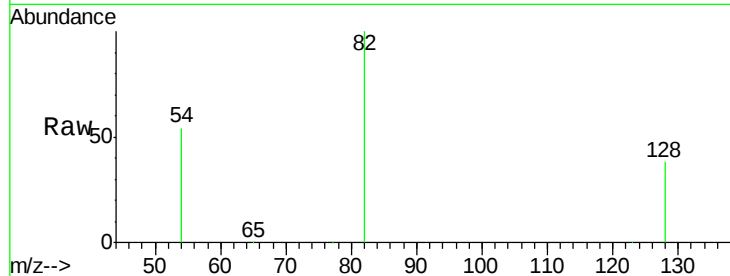
Tgt Ion: 77 Resp: 1350

Ion Ratio Lower Upper

77 100

123 1.6 30.1 45.1#

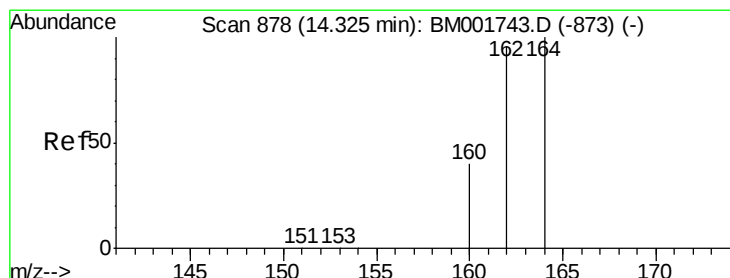
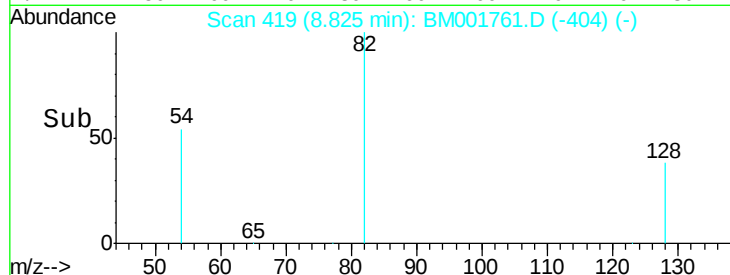
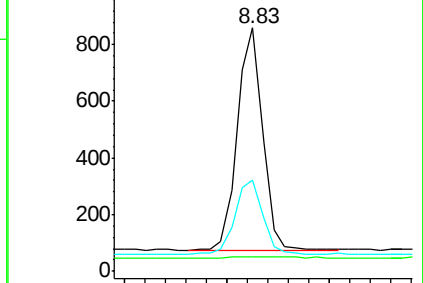
65 37.9 11.3 16.9#



Abundance Ion 77.00 (76.70 to 77.70): BM001743.D (-416) (-)

Ion 123.00 (122.70 to 123.70): BM001743.D (-416) (-)

Ion 65.00 (64.70 to 65.70): BM001743.D (-416) (-)



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.32 min Scan# 878

Delta R.T. -0.00 min

Lab File: BM001761.D

Acq: 19 Jun 2015 14:32

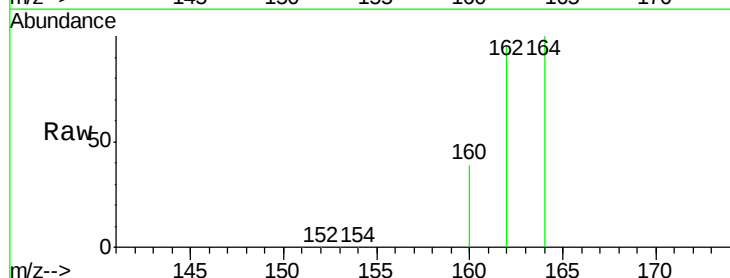
Tgt Ion: 164 Resp: 104056

Ion Ratio Lower Upper

164 100

162 96.2 76.6 114.8

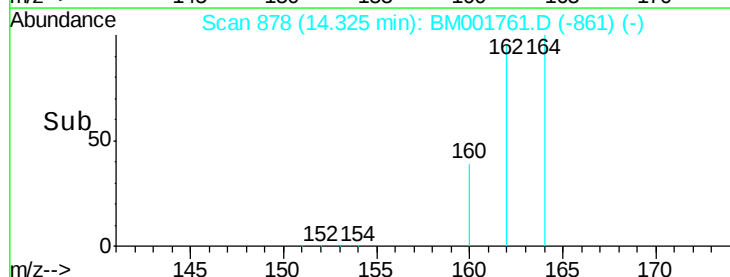
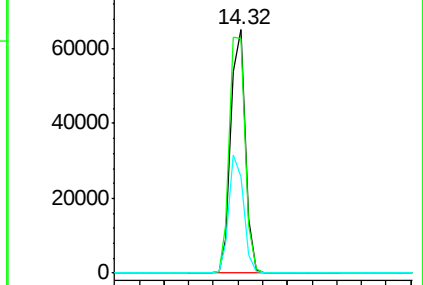
160 39.4 31.8 47.8

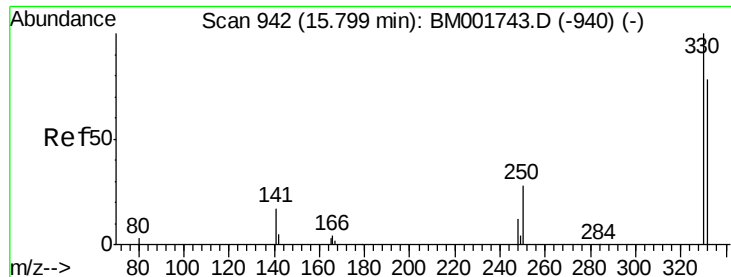


Abundance Ion 164.00 (163.70 to 164.70): BM001743.D (-873) (-)

Ion 162.00 (161.70 to 162.70): BM001743.D (-873) (-)

Ion 160.00 (159.70 to 160.70): BM001743.D (-873) (-)

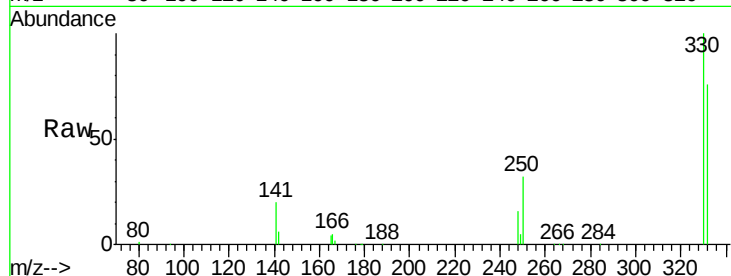




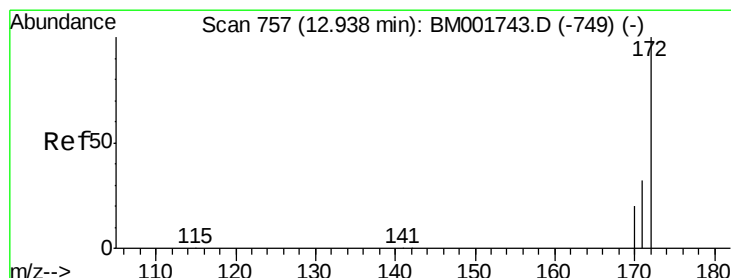
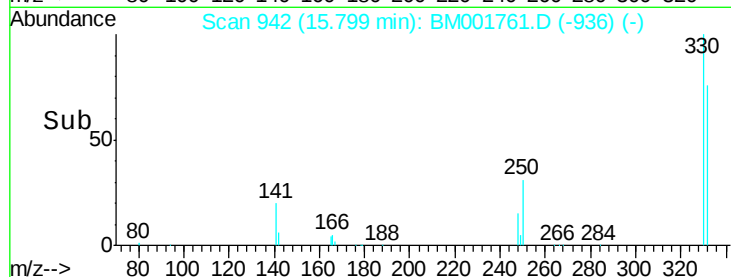
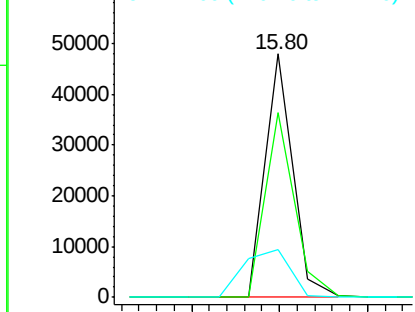
#13
 2,4,6-Tribromophenol
 Concen: 32.48 ng
 RT: 15.80 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: BM001761.D
 Acq: 19 Jun 2015 14:32

Instrument :
 BNA_F
 ClientSampleId :
 PB84004BL

Tgt Ion:330 Resp: 105548
 Ion Ratio Lower Upper
 330 100
 332 80.6 65.8 98.8
 141 33.4 0.0 0.0#

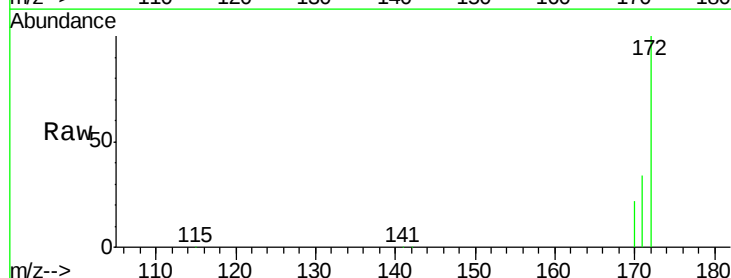


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

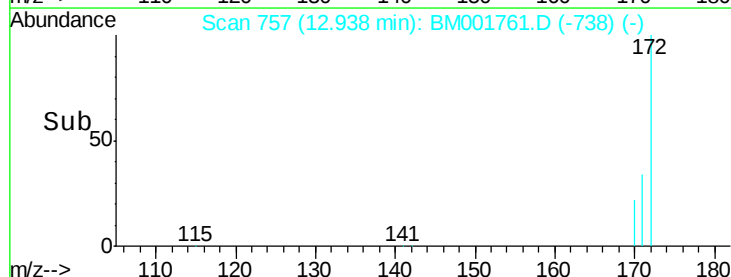
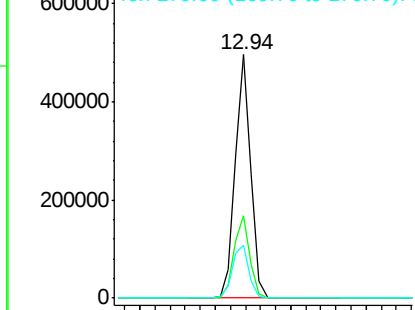


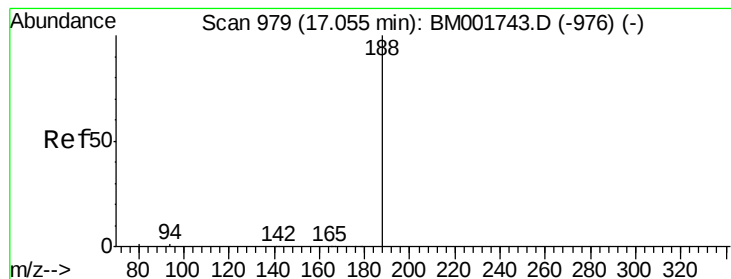
#14
 2-Fluorobiphenyl
 Concen: 19.20 ng
 RT: 12.94 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BM001761.D
 Acq: 19 Jun 2015 14:32

Tgt Ion:172 Resp: 714110
 Ion Ratio Lower Upper
 172 100
 171 33.7 26.2 39.2
 170 21.8 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: BM001761.D

Acq: 19 Jun 2015 14:32

Instrument :

BNA_F

ClientSampleId :

PB84004BL

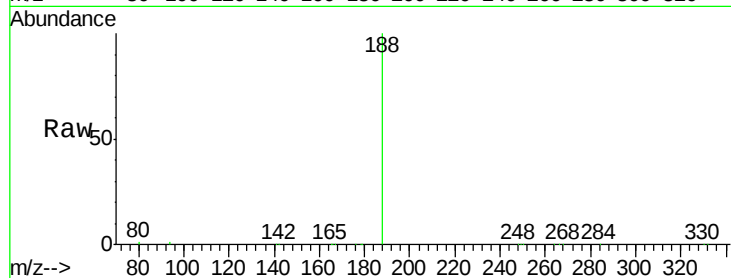
Tgt Ion:188 Resp: 248512

Ion Ratio Lower Upper

188 100

94 1.4 1.3 1.9

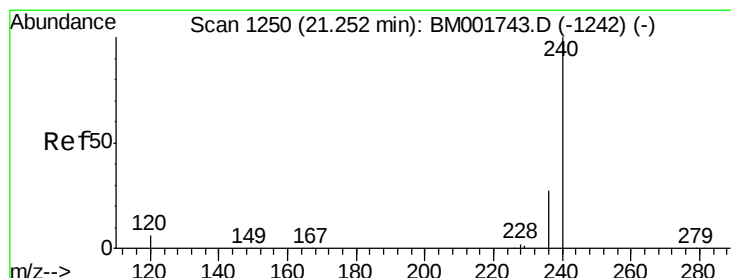
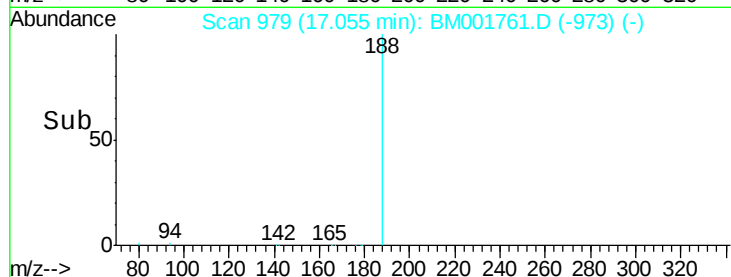
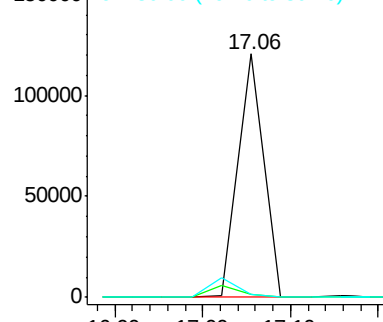
80 1.2 1.0 1.6



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: BM001761.D

Acq: 19 Jun 2015 14:32

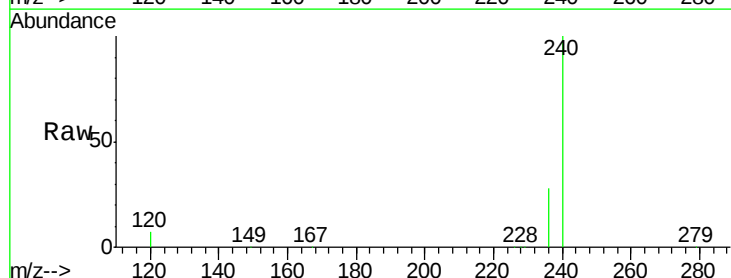
Tgt Ion:240 Resp: 140095

Ion Ratio Lower Upper

240 100

120 7.4 4.7 7.1#

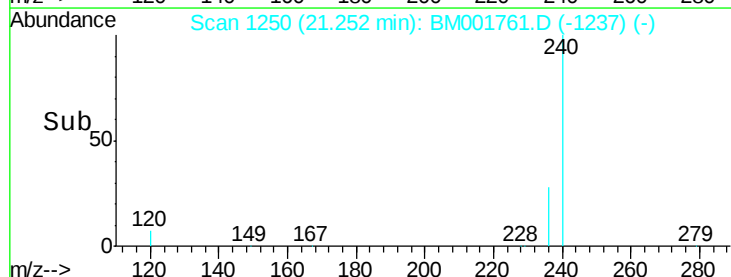
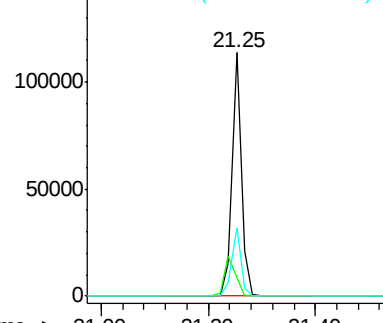
236 27.9 21.6 32.4

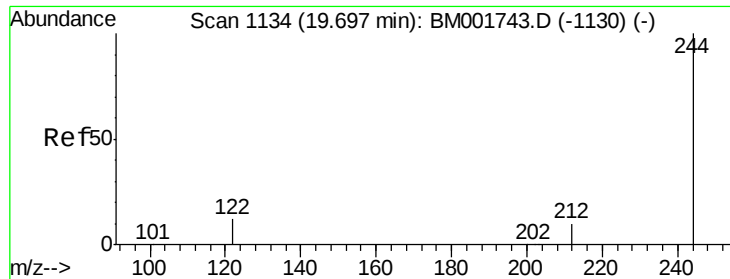


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

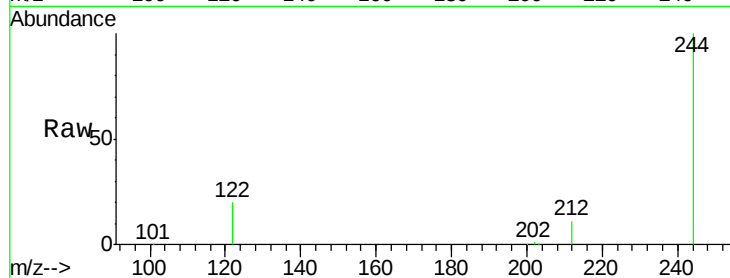




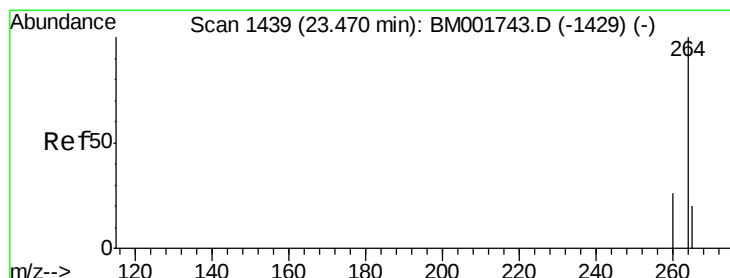
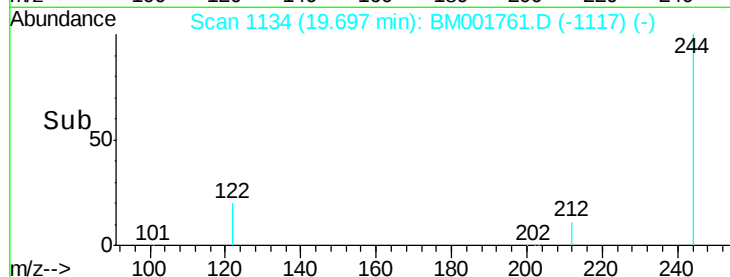
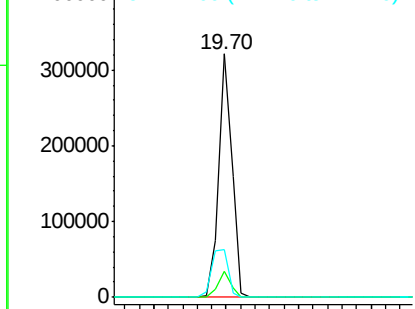
#27
 Terphenyl-d14
 Concen: 19.92 ng
 RT: 19.70 min Scan# 1134
 Delta R.T. -0.00 min
 Lab File: BM001761.D
 Acq: 19 Jun 2015 14:32

Instrument :
 BNA_F
 ClientSampleId :
 PB84004BL

Tgt Ion:244 Resp: 411179
 Ion Ratio Lower Upper
 244 100
 212 10.9 8.6 13.0
 122 19.9 10.6 15.8#

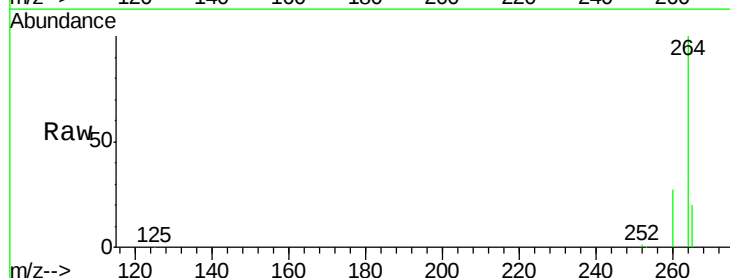


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.47 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BM001761.D
 Acq: 19 Jun 2015 14:32

Tgt Ion:264 Resp: 133800
 Ion Ratio Lower Upper
 264 100
 260 26.8 20.8 31.2
 265 20.3 16.8 25.2



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

