

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM033115\
 Data File : BM000780.D
 Acq On : 01 Apr 2015 10:09
 Operator : TP/IZ
 Sample : MDL-BLK-W
 Misc : MDL-WATER-BLK
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-BLK-W

Quant Time: Apr 01 15:23:00 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM033115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 04:17:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	35511	5.00	ng	0.00
4) Naphthalene-d8	10.40	136	121869	5.00	ng	0.00
8) Acenaphthene-d10	14.28	164	59657	5.00	ng	0.00
13) Phenanthrene-d10	17.01	188	130581	5.00	ng	0.00
19) Chrysene-d12	21.22	240	102914	5.00	ng	0.01
25) Perylene-d12	23.40	264	94832	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) Nitrobenzene-d5	8.77	82	62689	8.37	ng	0.00
9) 2-Fluorobiphenyl	12.89	172	189433	10.24	ng	0.00
21) Terphenyl-d14	19.66	244	138331	11.17	ng	0.00

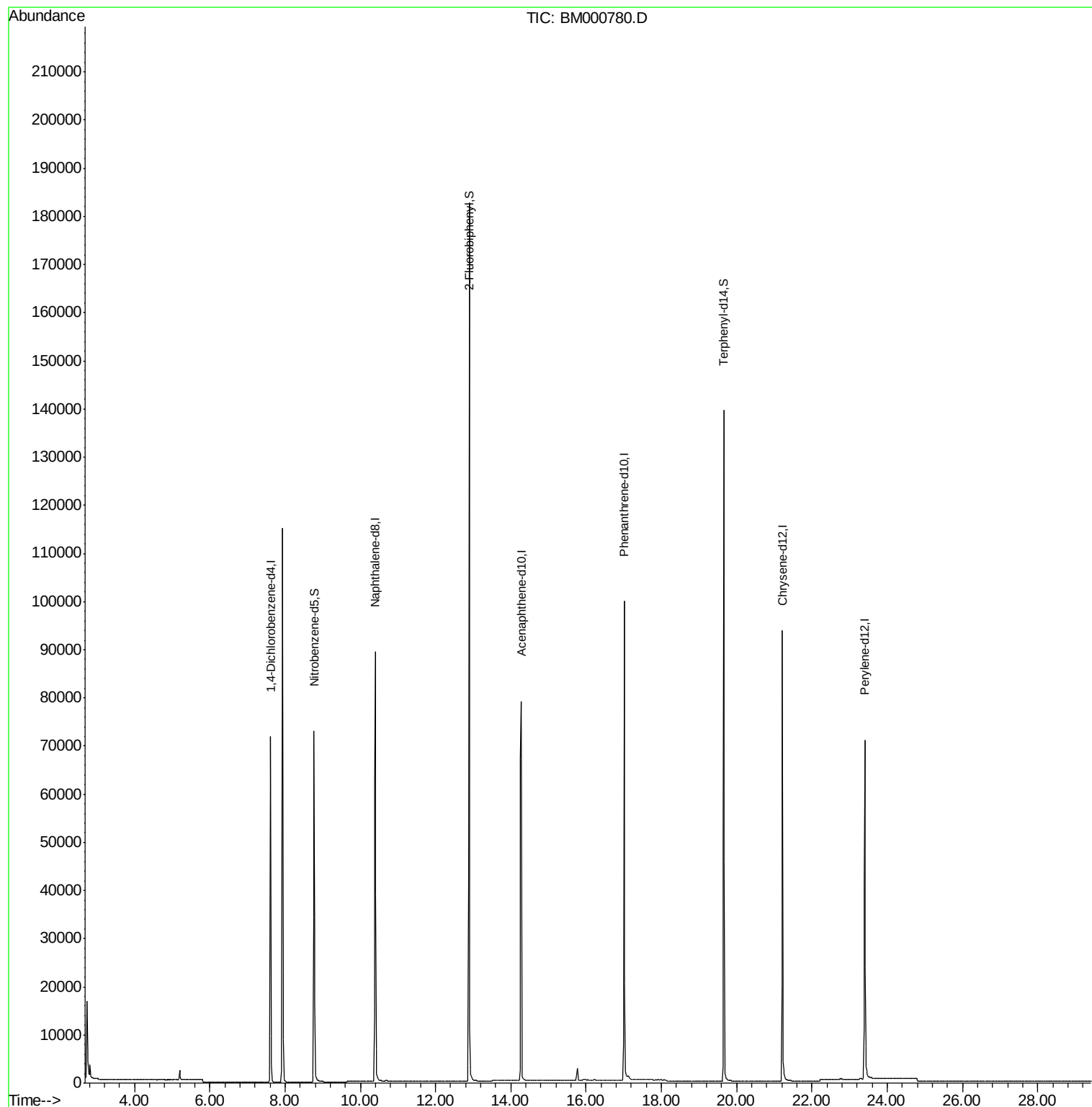
Target Compounds	Qvalue

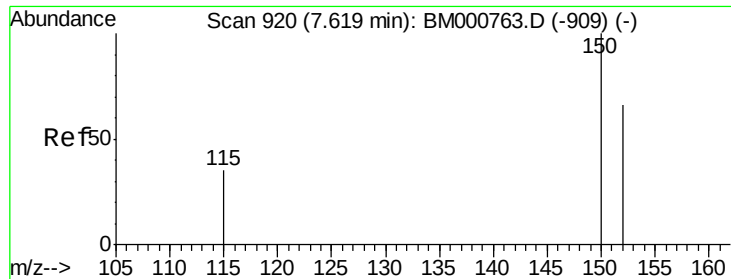
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.61 min Scan# 919

Delta R.T. -0.01 min

Lab File: BM000780.D

Acq: 01 Apr 2015 10:09

Instrument :

BNA_M

ClientSampleId :

MDL-BLK-W

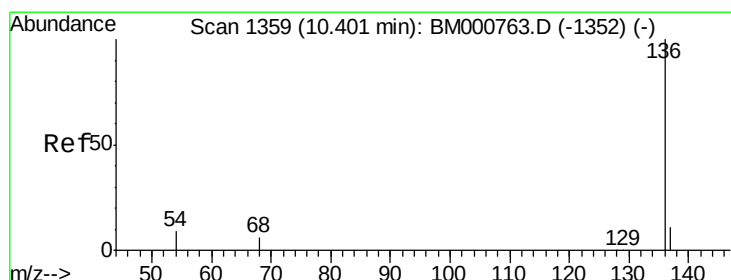
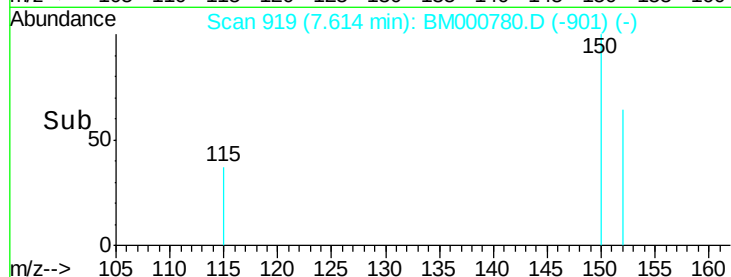
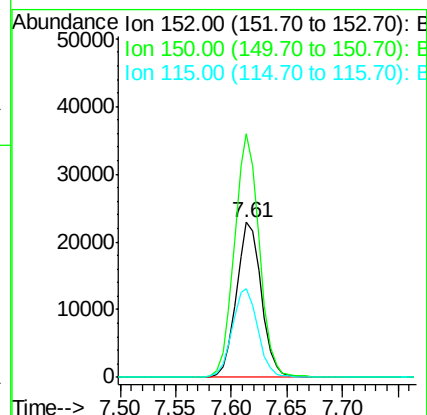
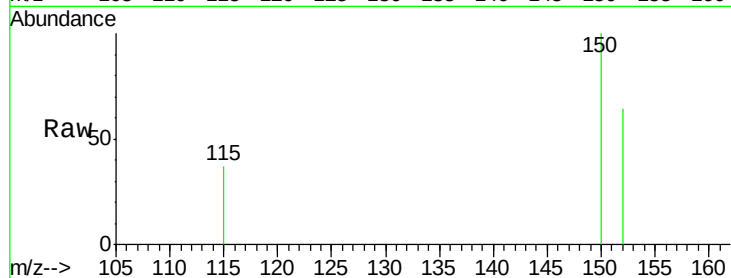
Tgt Ion:152 Resp: 35511

Ion Ratio Lower Upper

152 100

150 157.2 120.8 181.2

115 57.7 42.7 64.1



#4

Naphthalene-d8

Concen: 5.00 ng

RT: 10.40 min Scan# 1359

Delta R.T. -0.00 min

Lab File: BM000780.D

Acq: 01 Apr 2015 10:09

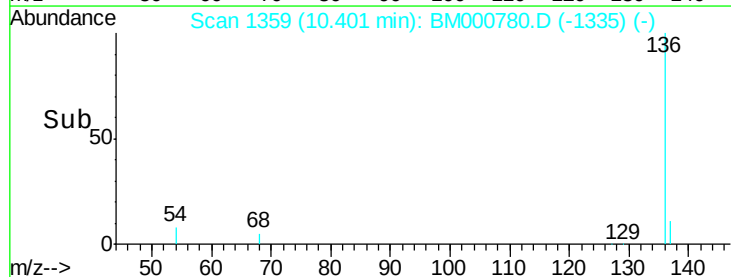
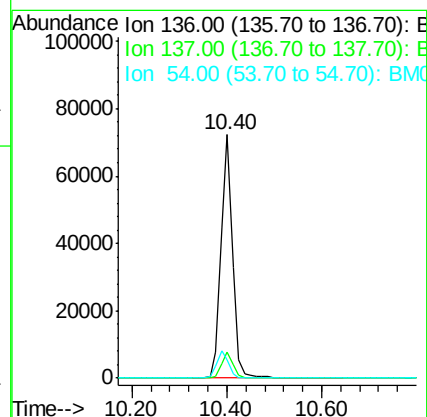
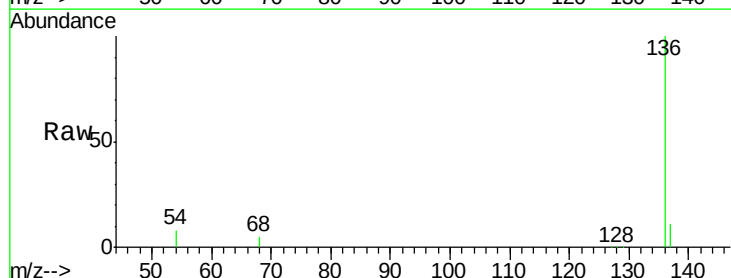
Tgt Ion:136 Resp: 121869

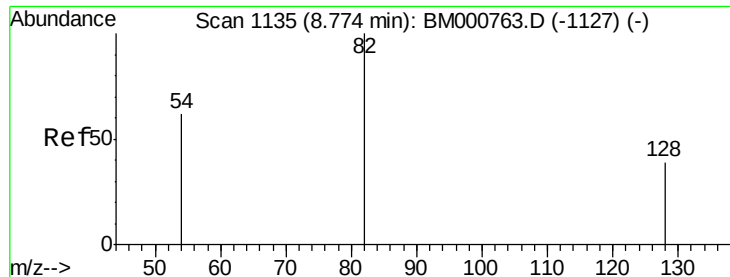
Ion Ratio Lower Upper

136 100

137 10.8 8.6 12.8

54 7.6 7.0 10.6





#5

Nitrobenzene-d5

Concen: 8.37 ng

RT: 8.77 min Scan# 1134

Delta R.T. -0.00 min

Lab File: BM000780.D

Acq: 01 Apr 2015 10:09

Instrument :

BNA_M

ClientSampleId :

MDL-BLK-W

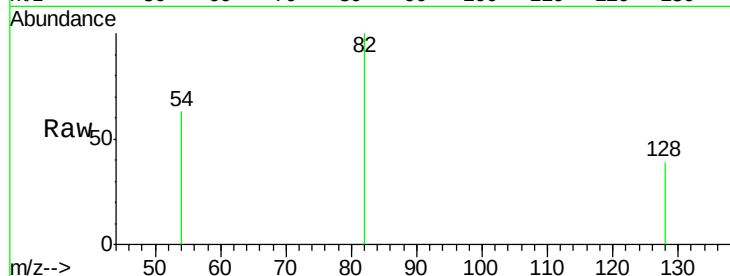
Tgt Ion: 82 Resp: 62689

Ion Ratio Lower Upper

82 100

128 38.9 32.2 48.2

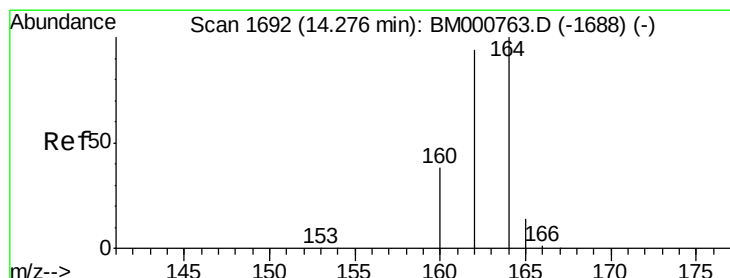
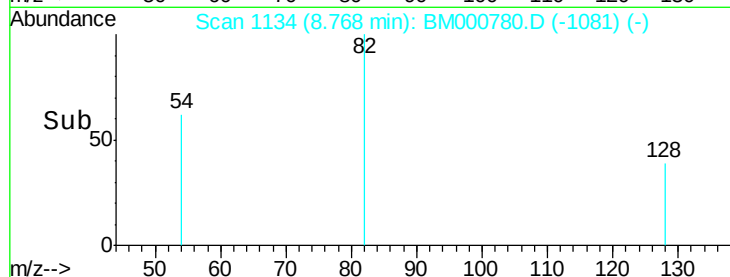
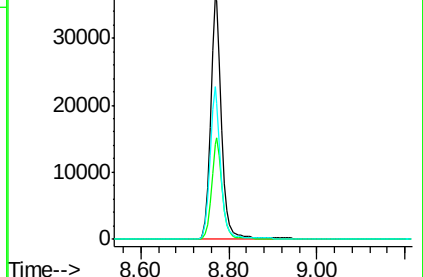
54 62.5 50.2 75.4



Abundance Ion 82.00 (81.70 to 82.70): BM000763.D (-1127) (-)

Ion 128.00 (127.70 to 128.70): BM000763.D (-1127) (-)

Ion 54.00 (53.70 to 54.70): BM000763.D (-1127) (-)



#8

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.28 min Scan# 1692

Delta R.T. -0.00 min

Lab File: BM000780.D

Acq: 01 Apr 2015 10:09

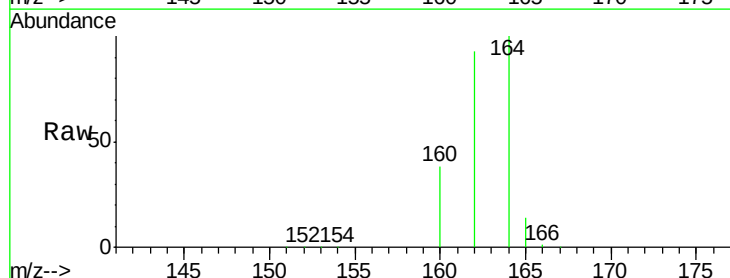
Tgt Ion: 164 Resp: 59657

Ion Ratio Lower Upper

164 100

162 92.9 75.4 113.2

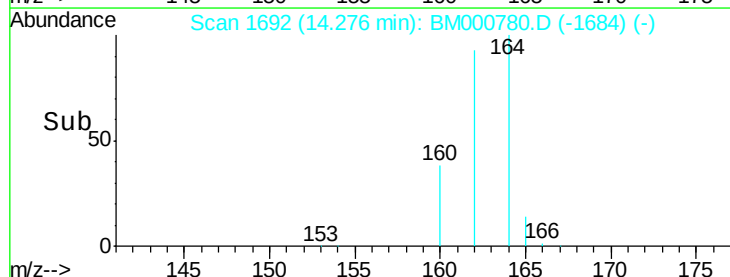
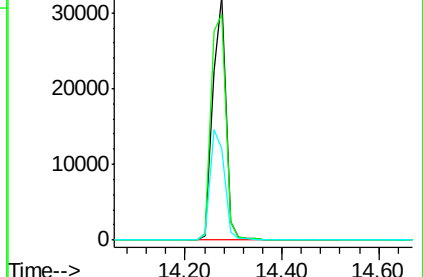
160 37.7 30.8 46.2

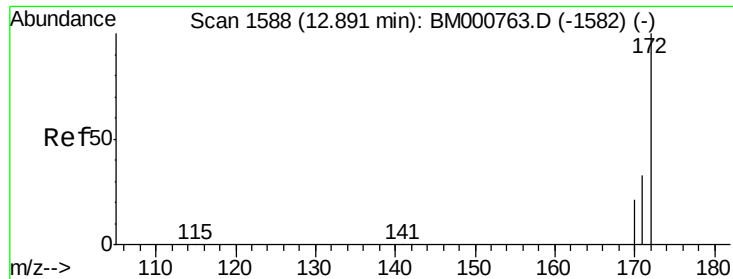


Abundance Ion 164.00 (163.70 to 164.70): BM000763.D (-1688) (-)

Ion 162.00 (161.70 to 162.70): BM000763.D (-1688) (-)

Ion 160.00 (159.70 to 160.70): BM000763.D (-1688) (-)





#9

2-Fluorobiphenyl

Concen: 10.24 ng

RT: 12.89 min Scan# 1588

Delta R.T. -0.00 min

Lab File: BM000780.D

Acq: 01 Apr 2015 10:09

Instrument :

BNA_M

ClientSampleId :

MDL-BLK-W

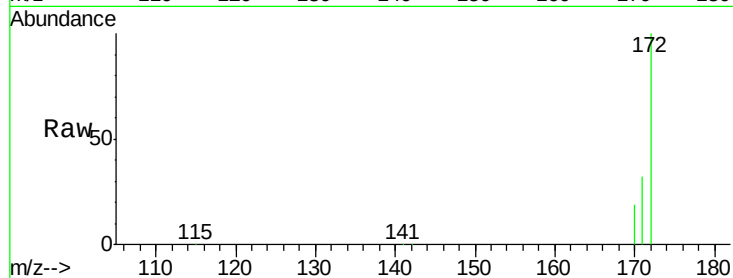
Tgt Ion:172 Resp: 189433

Ion Ratio Lower Upper

172 100

171 31.6 26.6 39.8

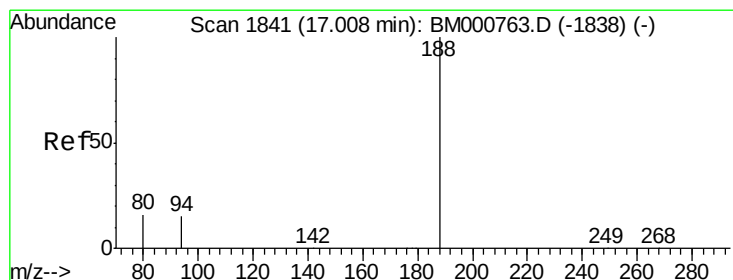
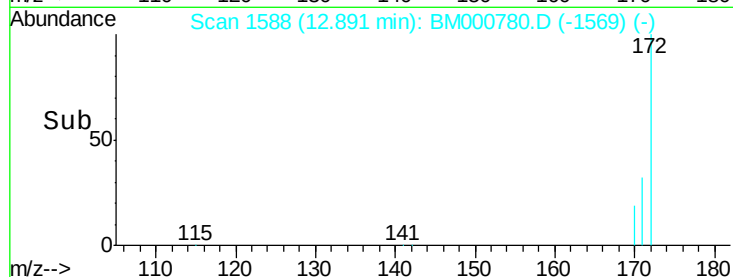
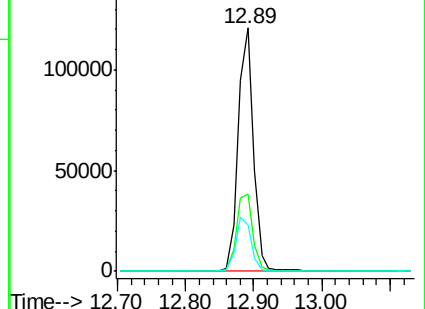
170 19.3 17.1 25.7



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



#13

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.01 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BM000780.D

Acq: 01 Apr 2015 10:09

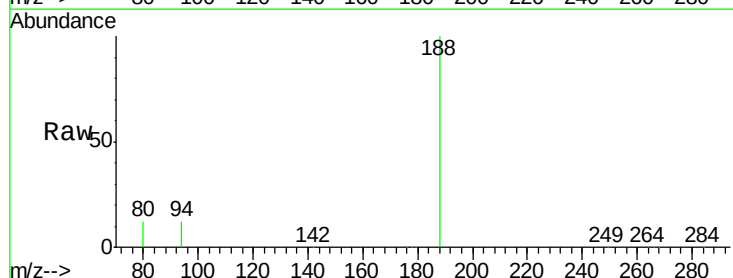
Tgt Ion:188 Resp: 130581

Ion Ratio Lower Upper

188 100

94 11.7 12.0 18.0#

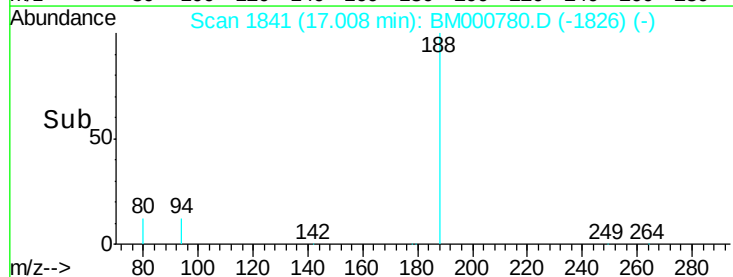
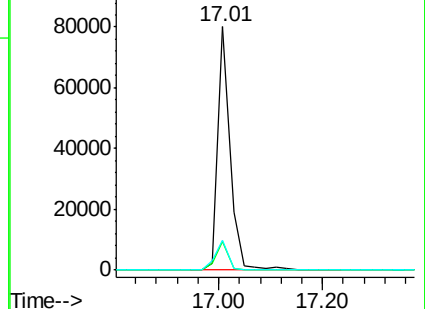
80 12.2 12.8 19.2#

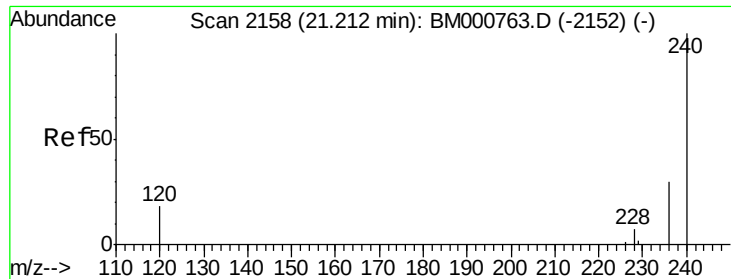


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#19

Chrysene-d12

Concen: 5.00 ng

RT: 21.22 min Scan# 2159

Delta R.T. 0.01 min

Lab File: BM000780.D

Acq: 01 Apr 2015 10:09

Instrument :

BNA_M

ClientSampleId :

MDL-BLK-W

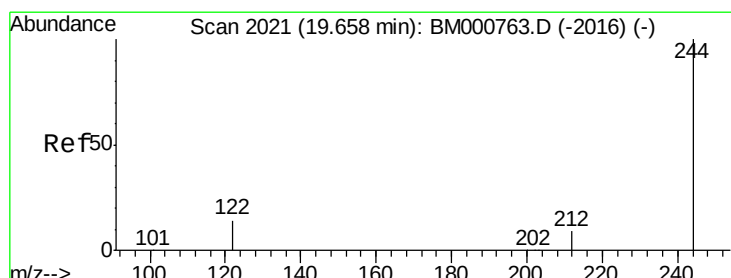
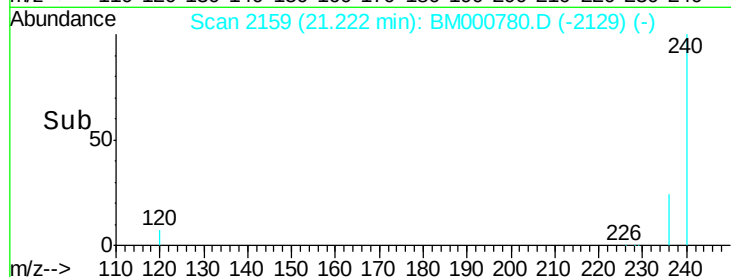
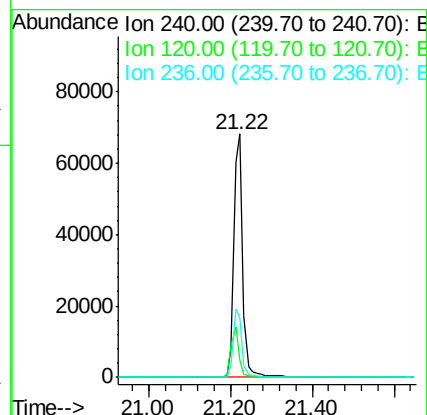
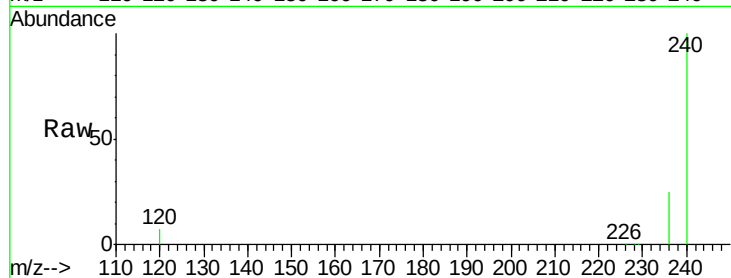
Tgt Ion:240 Resp: 102914

Ion Ratio Lower Upper

240 100

120 6.8 14.9 22.3#

236 24.6 24.2 36.4



#21

Terphenyl-d14

Concen: 11.17 ng

RT: 19.66 min Scan# 2021

Delta R.T. -0.00 min

Lab File: BM000780.D

Acq: 01 Apr 2015 10:09

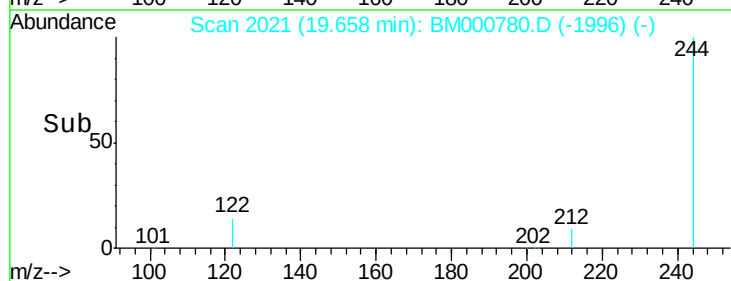
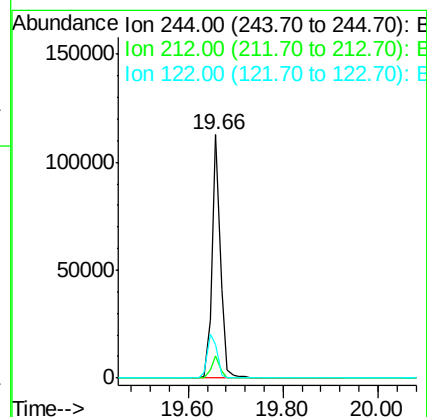
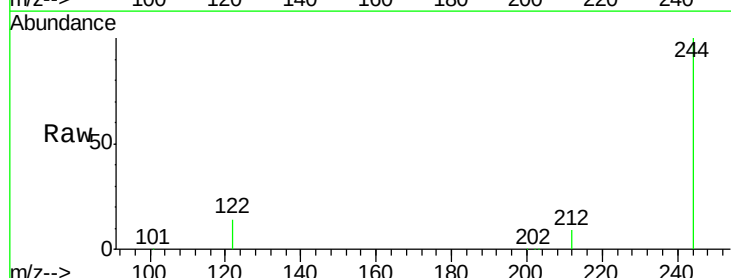
Tgt Ion:244 Resp: 138331

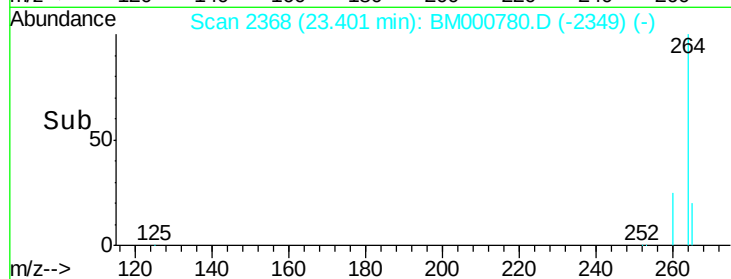
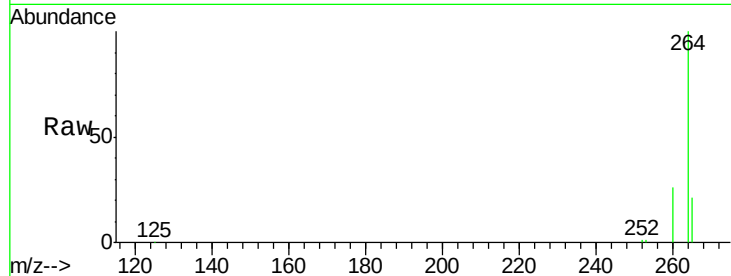
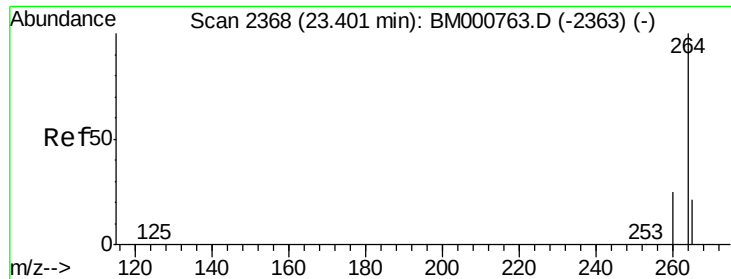
Ion Ratio Lower Upper

244 100

212 9.3 7.8 11.6

122 13.8 11.8 17.8





#25
Perylene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 2368
Delta R.T. -0.00 min
Lab File: BM000780.D
Acq: 01 Apr 2015 10:09

Instrument :
BNA_M
ClientSampleId :
MDL-BLK-W

Tgt Ion: 264 Resp: 94832
Ion Ratio Lower Upper
264 100
260 25.6 20.1 30.1
265 20.8 17.4 26.0

