

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM033115\
 Data File : BM000769.D
 Acq On : 01 Apr 2015 00:48
 Operator : TP/IZ
 Sample : MDL-BLK-S
 Misc : MDL-SOIL-BLK
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-BLK-S

Quant Time: Apr 01 15:16:06 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	7.62	152	39865	5.00	ng	0.00
4) Naphthalene-d8	10.40	136	134295	5.00	ng	0.00
8) Acenaphthene-d10	14.28	164	64465	5.00	ng	0.00
13) Phenanthrene-d10	17.01	188	131359	5.00	ng	0.00
19) Chrysene-d12	21.21	240	113471	5.00	ng	0.00
25) Perylene-d12	23.40	264	108770	5.00	ng	0.00
System Monitoring Compounds						
5) Nitrobenzene-d5	8.77	82	63043	7.66	ng	0.00
9) 2-Fluorobiphenyl	12.89	172	183969	9.20	ng	0.00
21) Terphenyl-d14	19.66	244	133643	9.79	ng	0.00

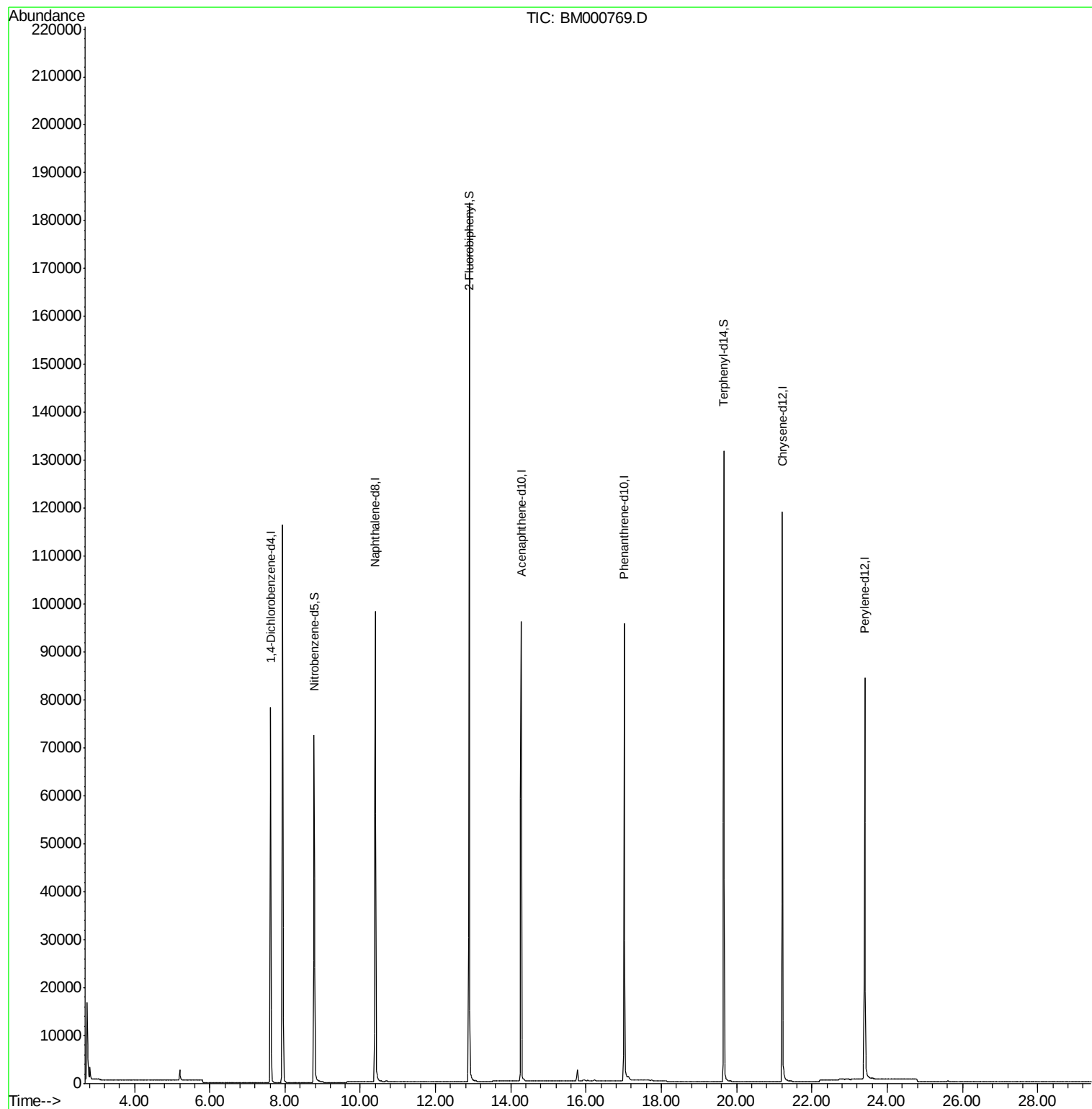
Target Compounds	Qvalue
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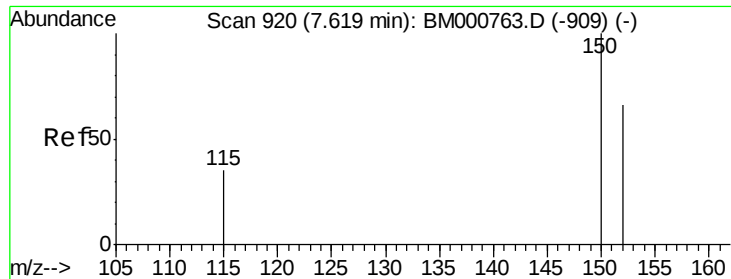
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.62 min Scan# 920

Delta R.T. 0.00 min

Lab File: BM000769.D

Acq: 01 Apr 2015 00:48

Instrument :

BNA_M

ClientSampleId :

MDL-BLK-S

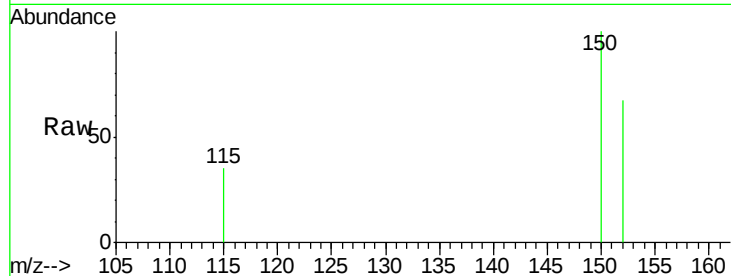
Tgt Ion:152 Resp: 39865

Ion Ratio Lower Upper

152 100

150 149.8 120.8 181.2

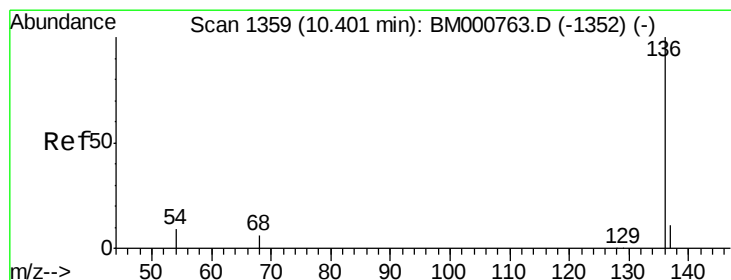
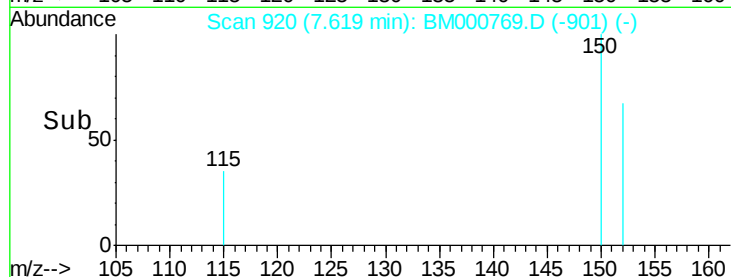
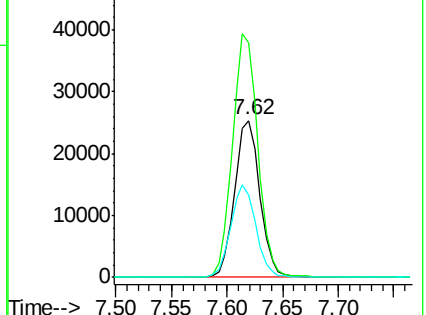
115 52.5 42.7 64.1



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



#4

Naphthalene-d8

Concen: 5.00 ng

RT: 10.40 min Scan# 1359

Delta R.T. 0.00 min

Lab File: BM000769.D

Acq: 01 Apr 2015 00:48

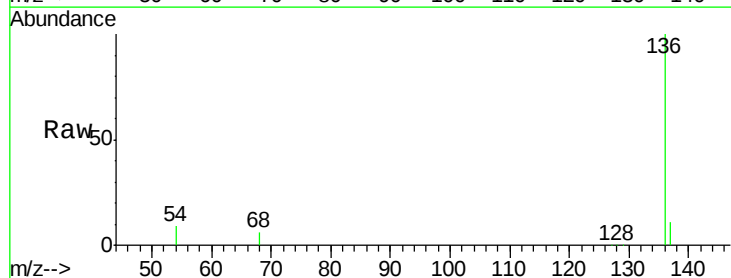
Tgt Ion:136 Resp: 134295

Ion Ratio Lower Upper

136 100

137 10.6 8.6 12.8

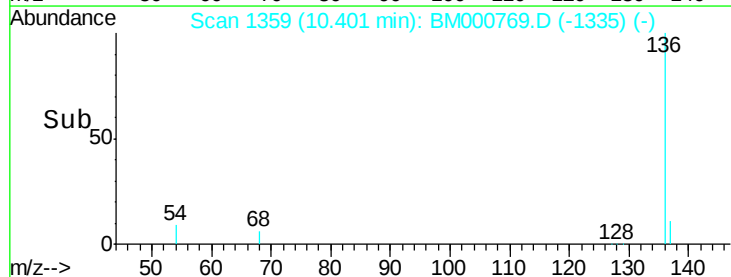
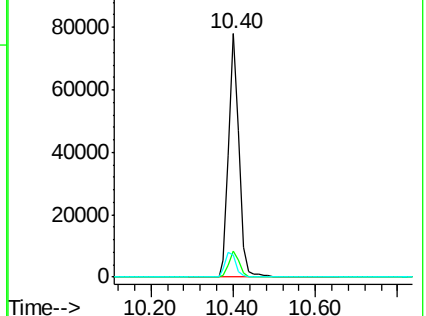
54 9.2 7.0 10.6

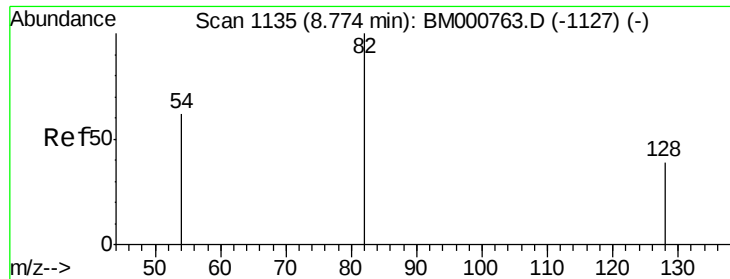


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM





#5

Nitrobenzene-d5

Concen: 7.66 ng

RT: 8.77 min Scan# 1135

Delta R.T. 0.00 min

Lab File: BM000769.D

Acq: 01 Apr 2015 00:48

Instrument :

BNA_M

ClientSampleId :

MDL-BLK-S

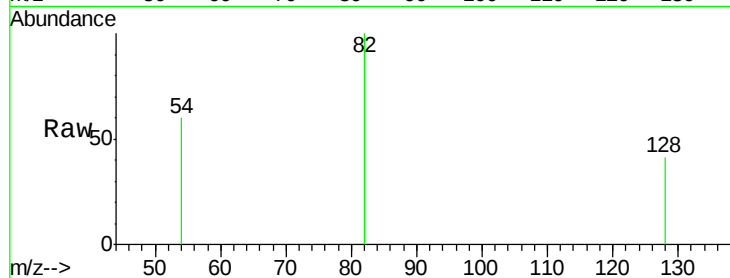
Tgt Ion: 82 Resp: 63043

Ion Ratio Lower Upper

82 100

128 40.9 32.2 48.2

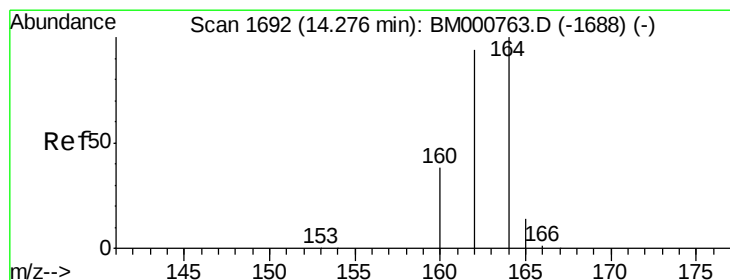
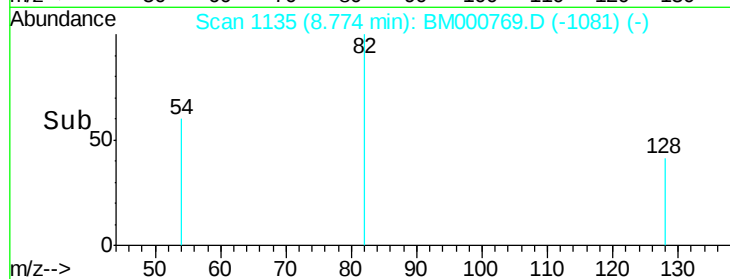
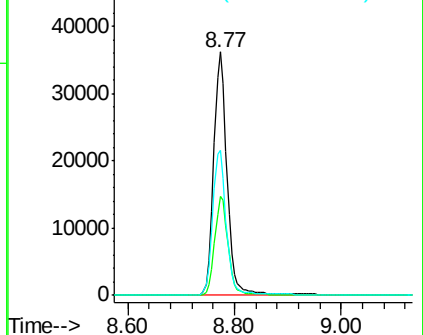
54 59.6 50.2 75.4



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: BM000769.D

Acq: 01 Apr 2015 00:48

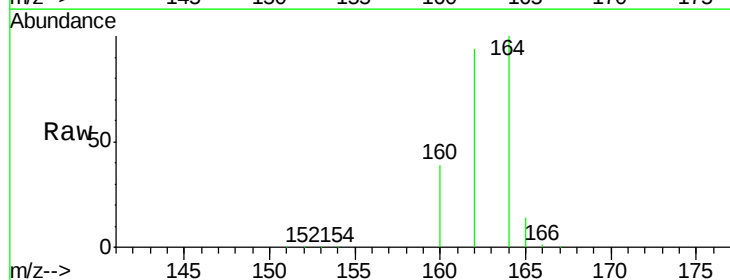
Tgt Ion: 164 Resp: 64465

Ion Ratio Lower Upper

164 100

162 94.5 75.4 113.2

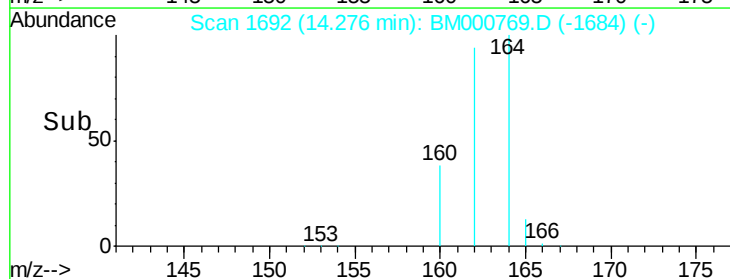
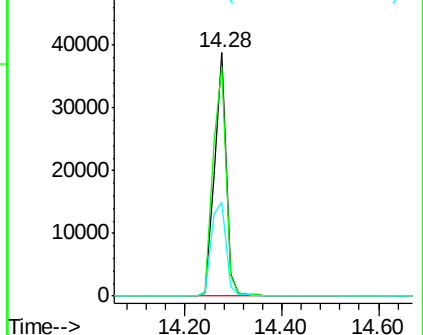
160 38.5 30.8 46.2

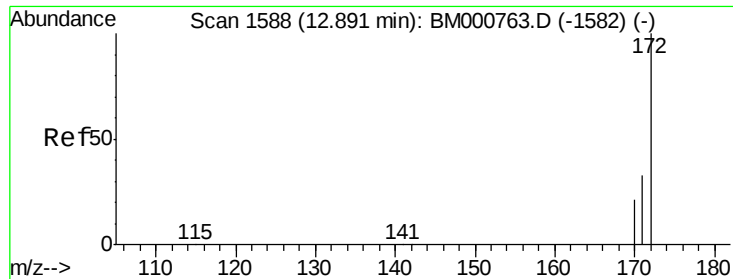


Abundance Ion 164.00 (163.70 to 164.70): BM000763.D (-1688) (-)

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: 9.20 ng

RT: 12.89 min Scan# 1588

Delta R.T. 0.00 min

Lab File: BM000769.D

Acq: 01 Apr 2015 00:48

Instrument :

BNA_M

ClientSampleId :

MDL-BLK-S

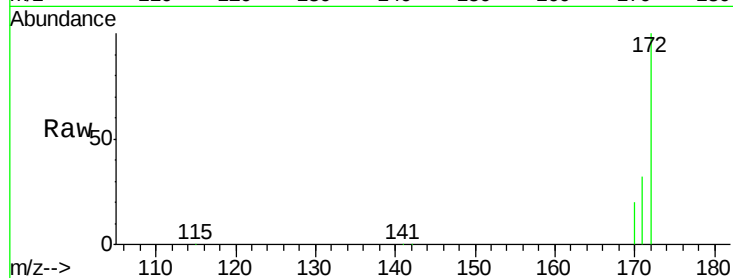
Tgt Ion:172 Resp: 183969

Ion Ratio Lower Upper

172 100

171 32.4 26.6 39.8

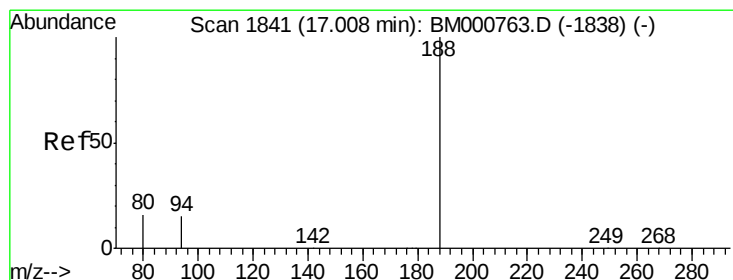
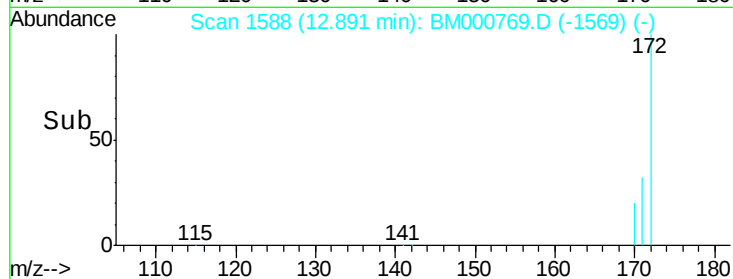
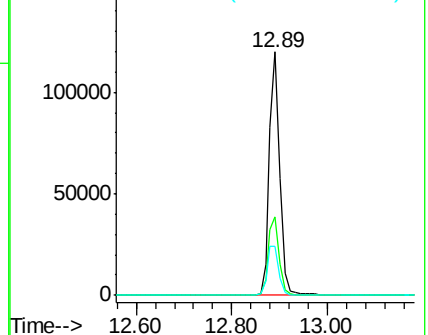
170 20.3 17.1 25.7



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: BM000769.D

Acq: 01 Apr 2015 00:48

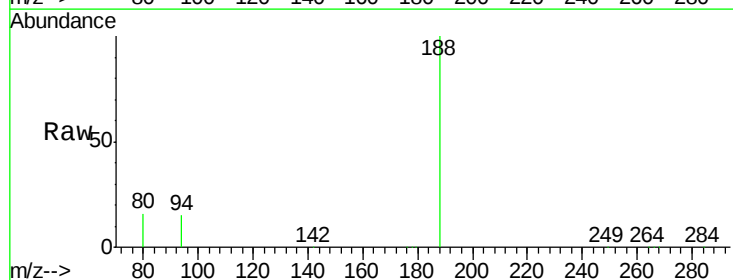
Tgt Ion:188 Resp: 131359

Ion Ratio Lower Upper

188 100

94 15.1 12.0 18.0

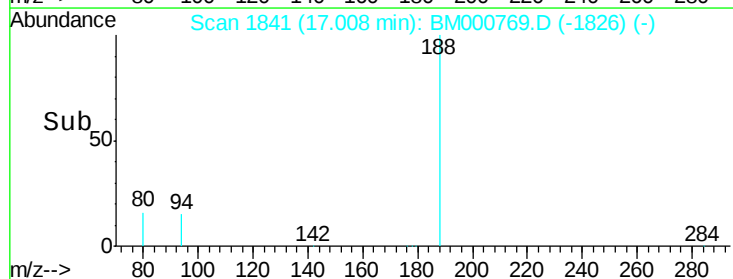
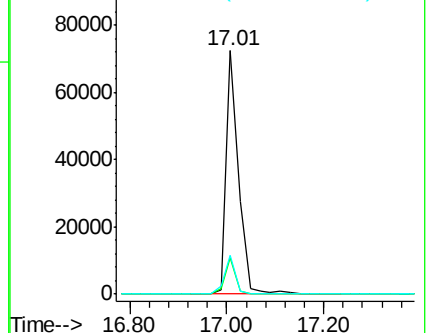
80 16.2 12.8 19.2

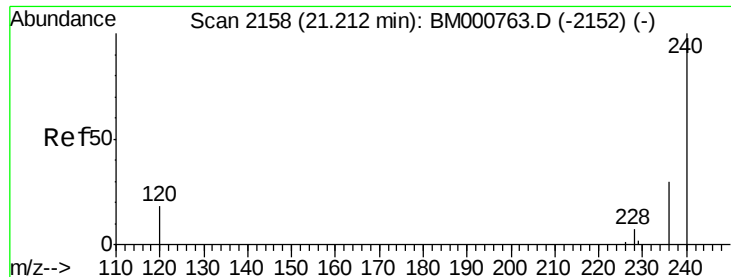


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.21 min Scan# 2158

Delta R.T. 0.00 min

Lab File: BM000769.D

Acq: 01 Apr 2015 00:48

Instrument :

BNA_M

ClientSampleId :

MDL-BLK-S

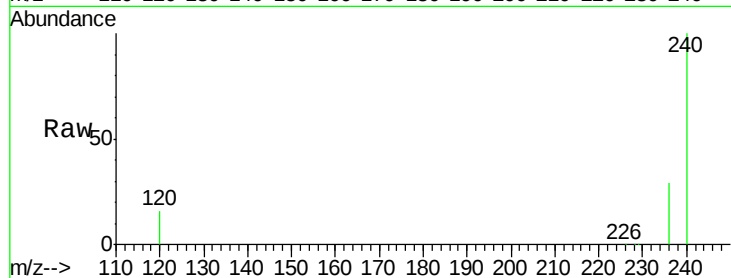
Tgt Ion:240 Resp: 113471

Ion Ratio Lower Upper

240 100

120 16.4 14.9 22.3

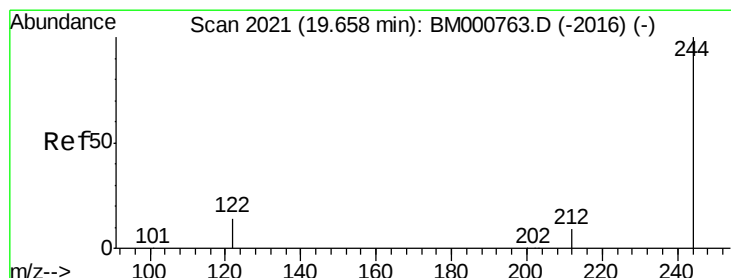
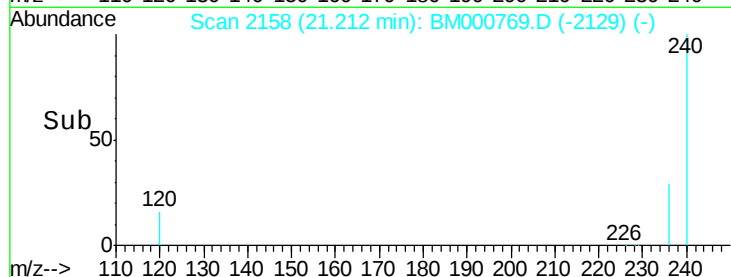
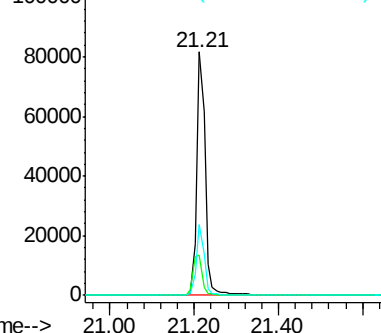
236 29.1 24.2 36.4



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



#21

Terphenyl-d14

Concen: 9.79 ng

RT: 19.66 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BM000769.D

Acq: 01 Apr 2015 00:48

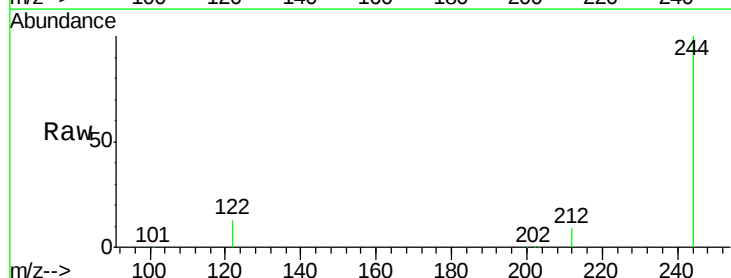
Tgt Ion:244 Resp: 133643

Ion Ratio Lower Upper

244 100

212 9.2 7.8 11.6

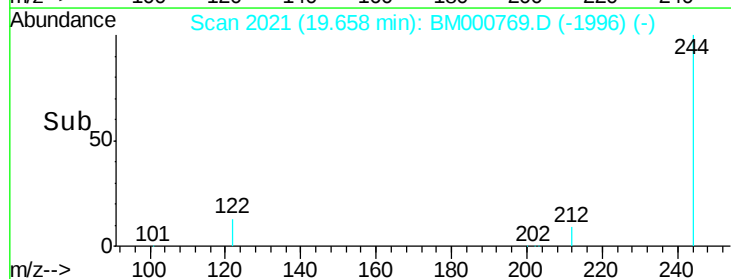
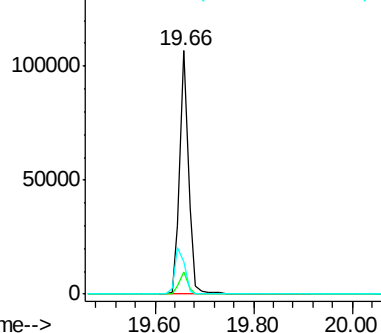
122 13.4 11.8 17.8

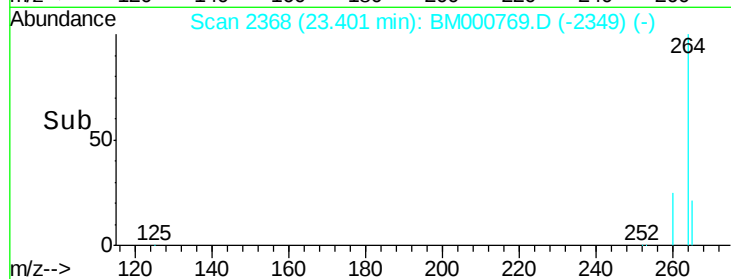
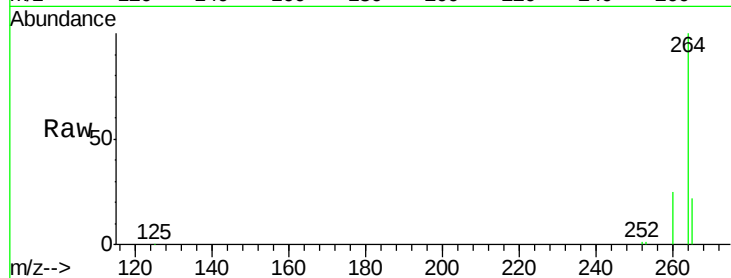
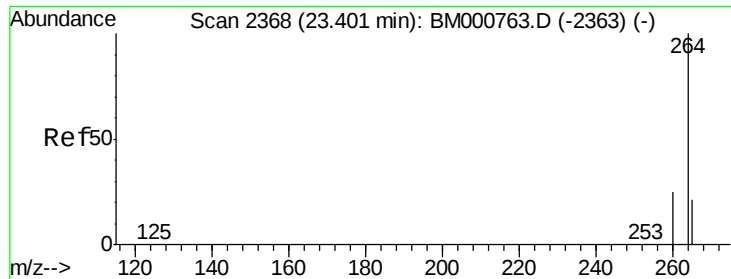


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#25

Perylene-d12

Concen: 5.00 ng

RT: 23.40 min Scan# 2368

Delta R.T. 0.00 min

Lab File: BM000769.D

Acq: 01 Apr 2015 00:48

Instrument :

BNA_M

ClientSampleId :

MDL-BLK-S

Tgt Ion: 264 Resp: 108770

Ion Ratio Lower Upper

264 100

260 24.6 20.1 30.1

265 21.5 17.4 26.0

