

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040815\
 Data File : BM000909.D
 Acq On : 08 Apr 2015 15:03
 Operator : TP/IZ
 Sample : G1742-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-4

Quant Time: Apr 09 10:48:28 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	28633	5.00	ng	-0.01
4) Naphthalene-d8	10.39	136	98781	5.00	ng	-0.01
8) Acenaphthene-d10	14.26	164	50303	5.00	ng	-0.02
13) Phenanthrene-d10	17.01	188	106243	5.00	ng	0.00
19) Chrysene-d12	21.20	240	91559	5.00	ng	0.00
25) Perylene-d12	23.38	264	83547	5.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) Nitrobenzene-d5	8.76	82	44625	7.37	ng	0.00
9) 2-Fluorobiphenyl	12.88	172	139324	8.93	ng	-0.01
21) Terphenyl-d14	19.65	244	121643	11.04	ng	0.00

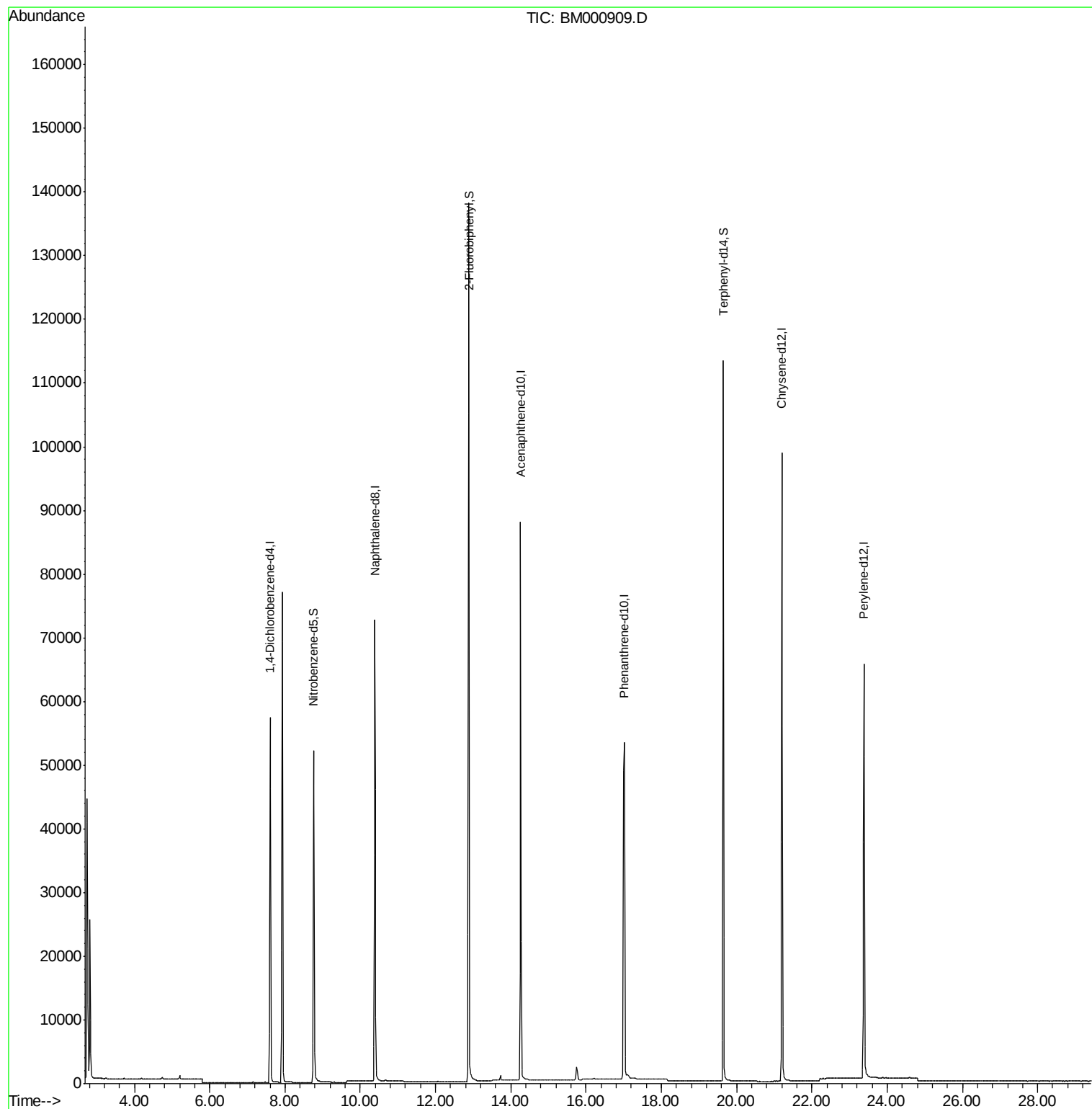
Target Compounds	Qvalue

(#) = 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# 918

Delta R.T. -0.01 min

Lab File: BM000909.D

Acq: 08 Apr 2015 15:03

Instrument :

BNA_M

ClientSampleId :

MW-4

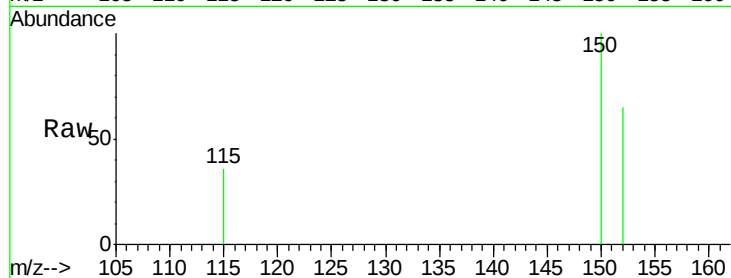
Tgt Ion:152 Resp: 28633

Ion Ratio Lower Upper

152 100

150 152.9 120.8 181.2

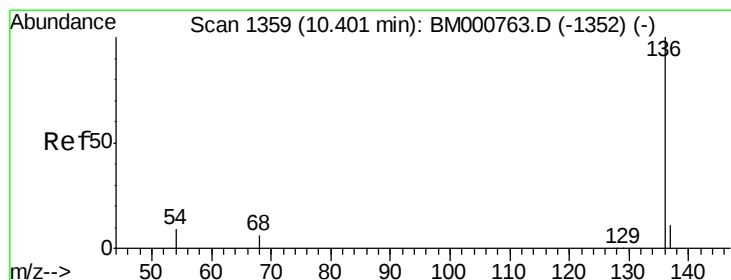
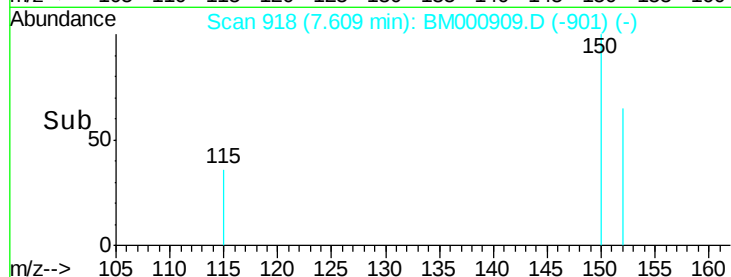
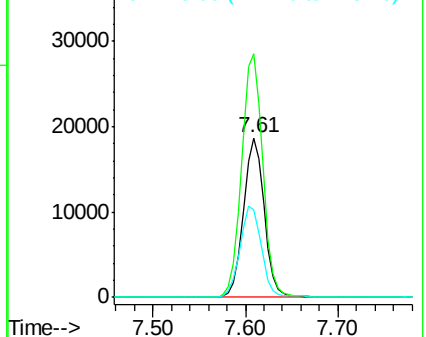
115 55.2 42.7 64.1



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: 10.39 min Scan# 1358

Delta R.T. -0.01 min

Lab File: BM000909.D

Acq: 08 Apr 2015 15:03

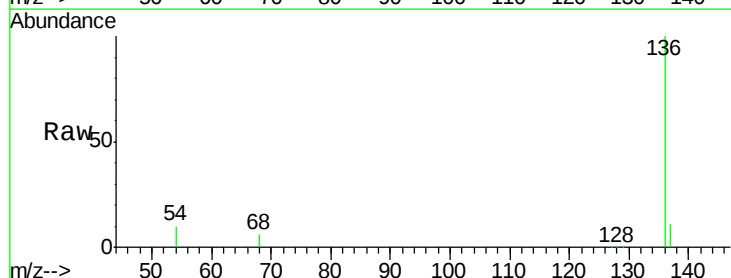
Tgt Ion:136 Resp: 98781

Ion Ratio Lower Upper

136 100

137 10.7 8.6 12.8

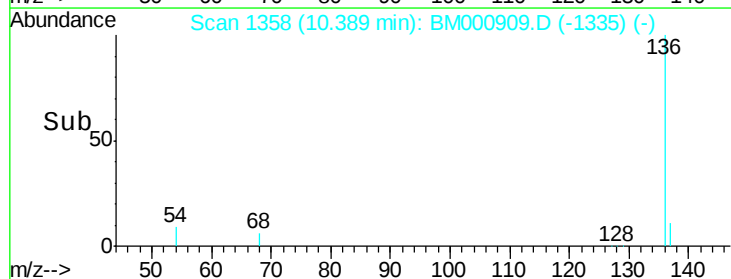
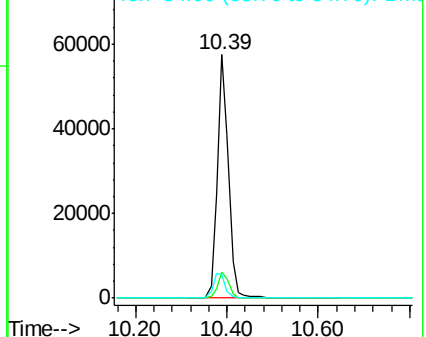
54 9.5 7.0 10.6

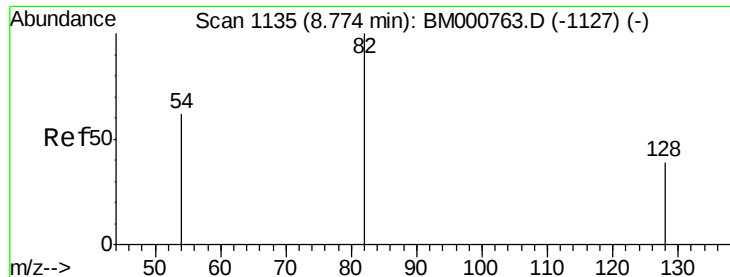


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM





#5

Nitrobenzene-d5

Concen: 7.37 ng

RT: 8.76 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BM000909.D

Acq: 08 Apr 2015 15:03

Instrument :

BNA_M

ClientSampleId :

MW-4

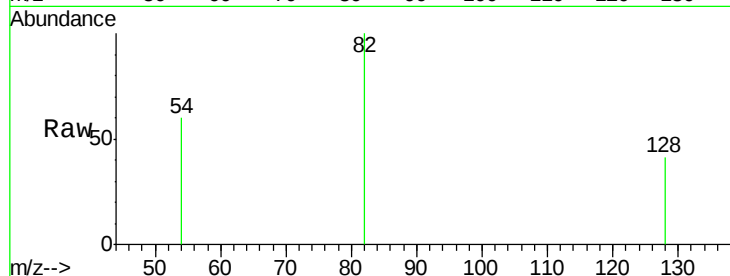
Tgt Ion: 82 Resp: 44625

Ion Ratio Lower Upper

82 100

128 40.5 32.2 48.2

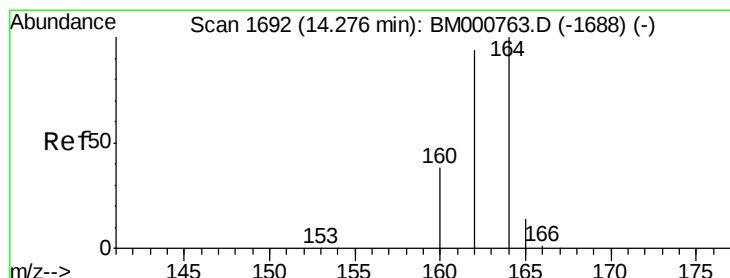
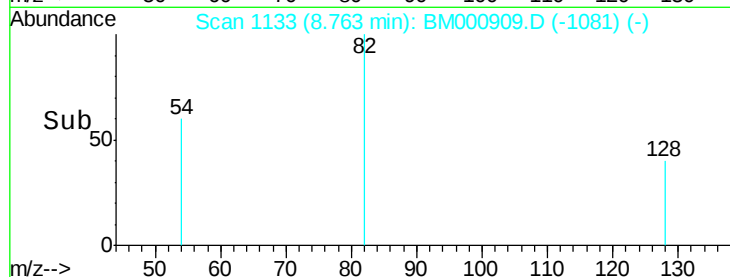
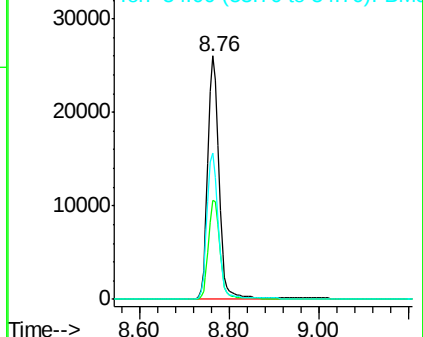
54 60.3 50.2 75.4



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: 14.26 min Scan# 1691

Delta R.T. -0.02 min

Lab File: BM000909.D

Acq: 08 Apr 2015 15:03

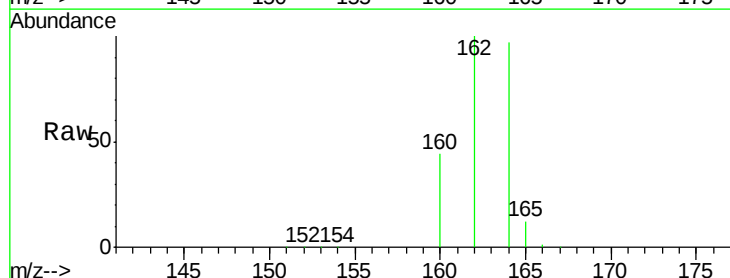
Tgt Ion: 164 Resp: 50303

Ion Ratio Lower Upper

164 100

162 103.4 75.4 113.2

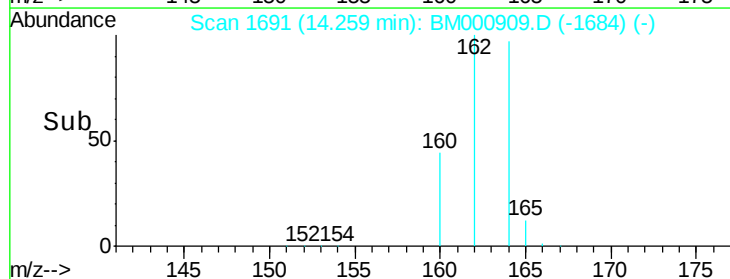
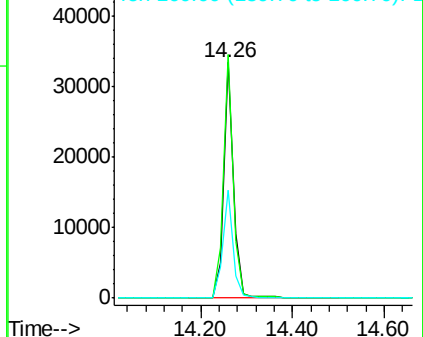
160 45.8 30.8 46.2

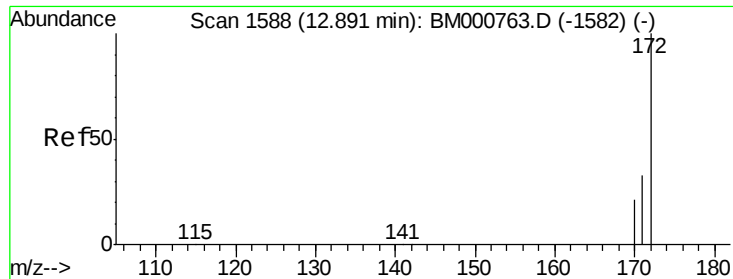


Abundance Ion 164.00 (163.70 to 164.70): BM000763.D (-1688) (-)

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: 8.93 ng

RT: 12.88 min Scan# 1587

Delta R.T. -0.01 min

Lab File: BM000909.D

Acq: 08 Apr 2015 15:03

Instrument :

BNA_M

ClientSampleId :

MW-4

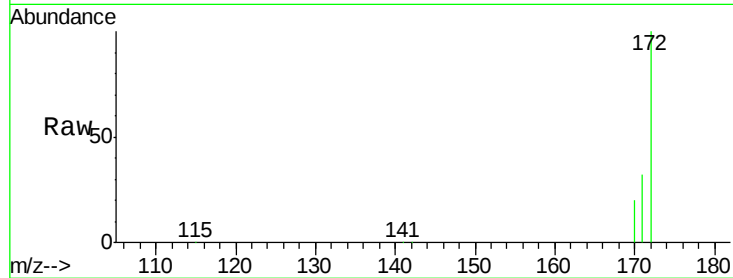
Tgt Ion:172 Resp: 139324

Ion Ratio Lower Upper

172 100

171 32.0 26.6 39.8

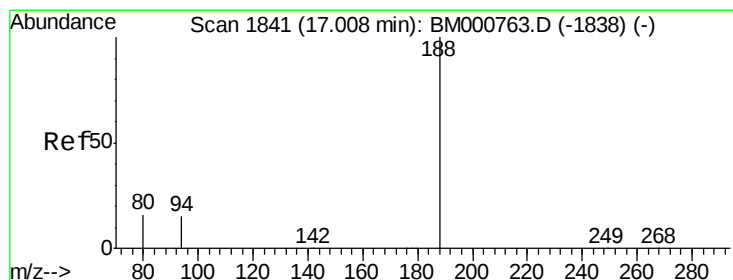
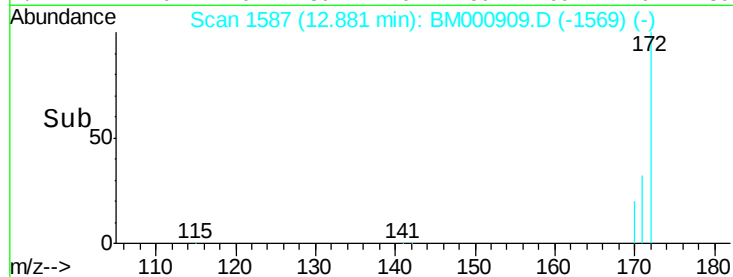
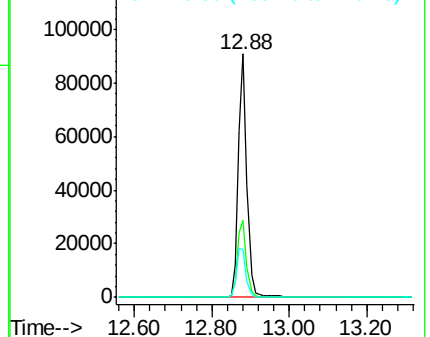
170 19.7 17.1 25.7



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: BM000909.D

Acq: 08 Apr 2015 15:03

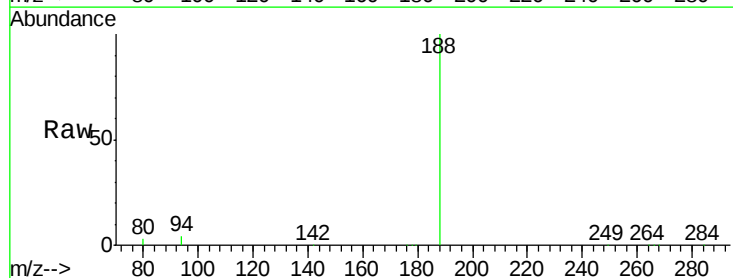
Tgt Ion:188 Resp: 106243

Ion Ratio Lower Upper

188 100

94 3.9 12.0 18.0#

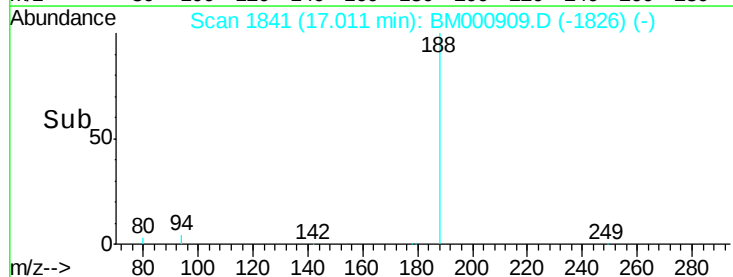
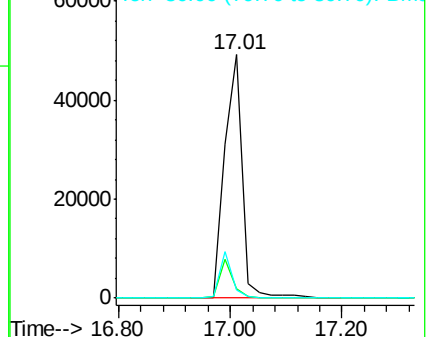
80 3.5 12.8 19.2#

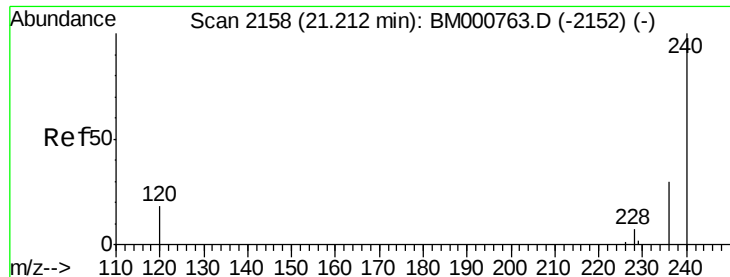


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.20 min Scan# 2157

Delta R.T. -0.01 min

Lab File: BM000909.D

Acq: 08 Apr 2015 15:03

Instrument :

BNA_M

ClientSampleId :

MW-4

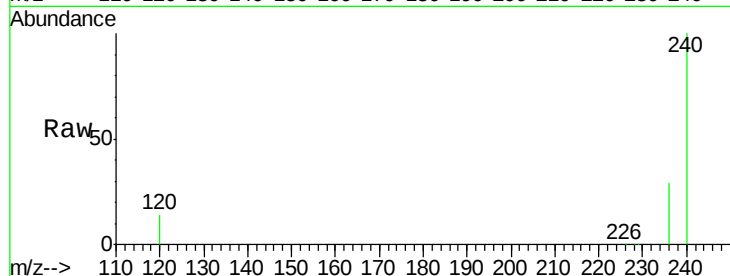
Tgt Ion:240 Resp: 91559

Ion Ratio Lower Upper

240 100

120 13.8 14.9 22.3#

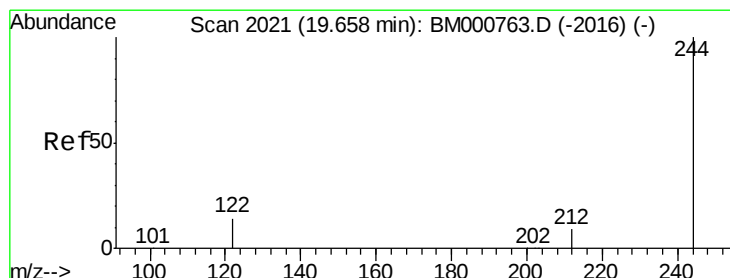
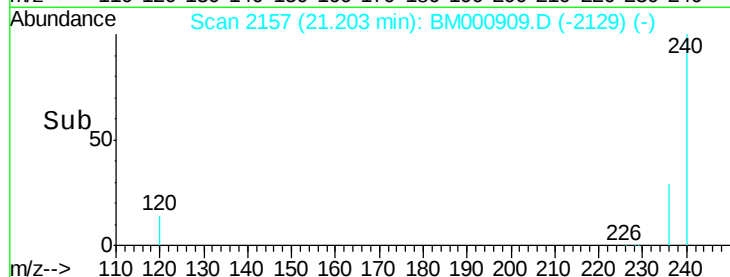
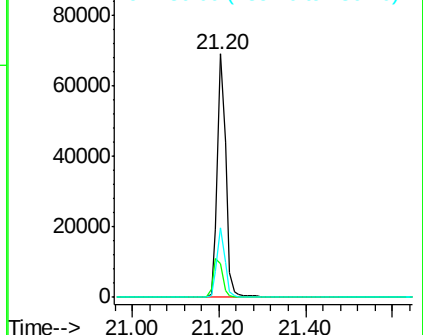
236 28.6 24.2 36.4



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: 11.04 ng

RT: 19.65 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BM000909.D

Acq: 08 Apr 2015 15:03

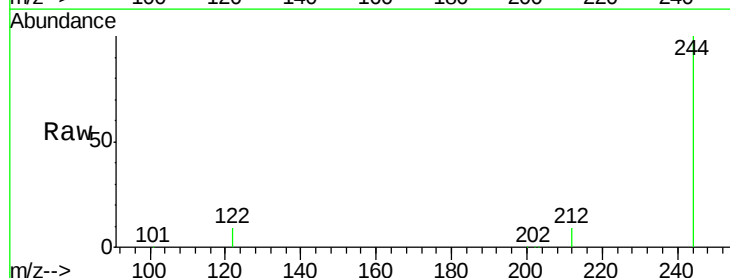
Tgt Ion:244 Resp: 121643

Ion Ratio Lower Upper

244 100

212 8.7 7.8 11.6

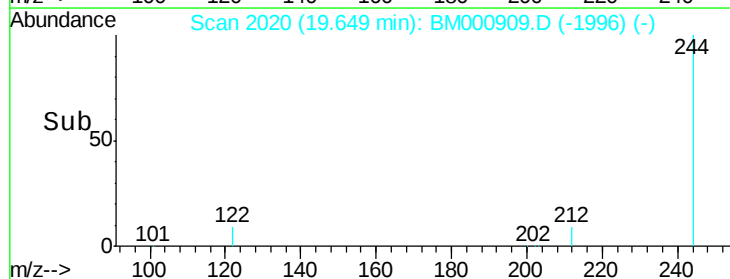
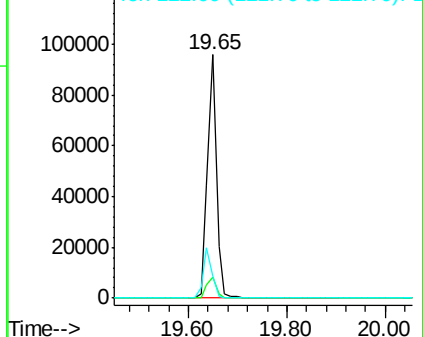
122 8.9 11.8 17.8#

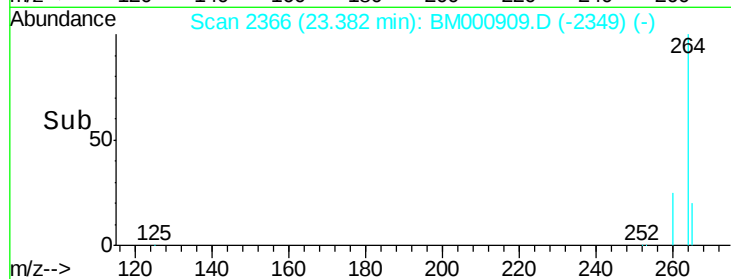
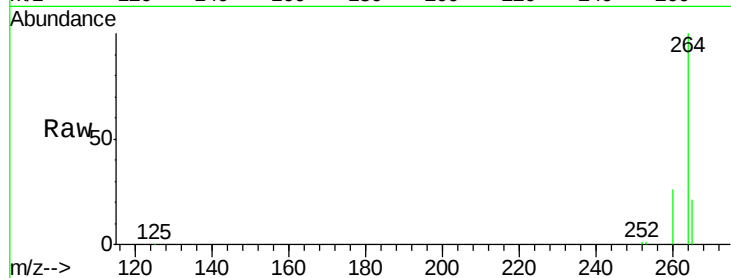
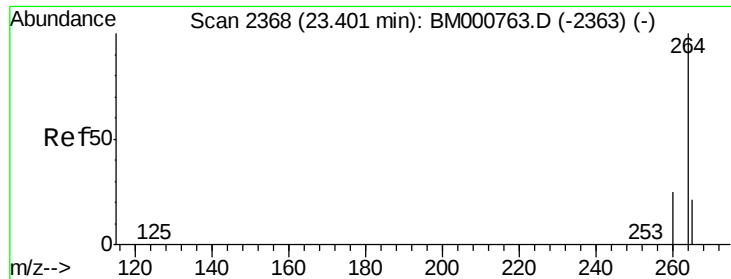


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.38 min Scan# 2366

Delta R.T. -0.02 min

Lab File: BM000909.D

Acq: 08 Apr 2015 15:03

Instrument :

BNA_M

ClientSampleId :

MW-4

Tgt Ion: 264 Resp: 83547

Ion Ratio Lower Upper

264 100

260 25.6 20.1 30.1

265 21.0 17.4 26.0

