

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040815\
 Data File : BM000911.D
 Acq On : 08 Apr 2015 16:14
 Operator : TP/IZ
 Sample : PB82543BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB82543BL

Quant Time: Apr 09 04:17:28 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM033115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 09 03:29:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	25738	5.00	ng	0.00
4) Naphthalene-d8	10.39	136	87516	5.00	ng	0.00
8) Acenaphthene-d10	14.26	164	44216	5.00	ng	0.00
13) Phenanthrene-d10	17.01	188	95143	5.00	ng	0.00
19) Chrysene-d12	21.21	240	82651	5.00	ng	0.00
25) Perylene-d12	23.39	264	78021	5.00	ng	0.00
System Monitoring Compounds						
5) Nitrobenzene-d5	8.76	82	37713	7.04	ng	0.00
9) 2-Fluorobiphenyl	12.88	172	114308	8.33	ng	0.00
21) Terphenyl-d14	19.65	244	90062	9.06	ng	0.00

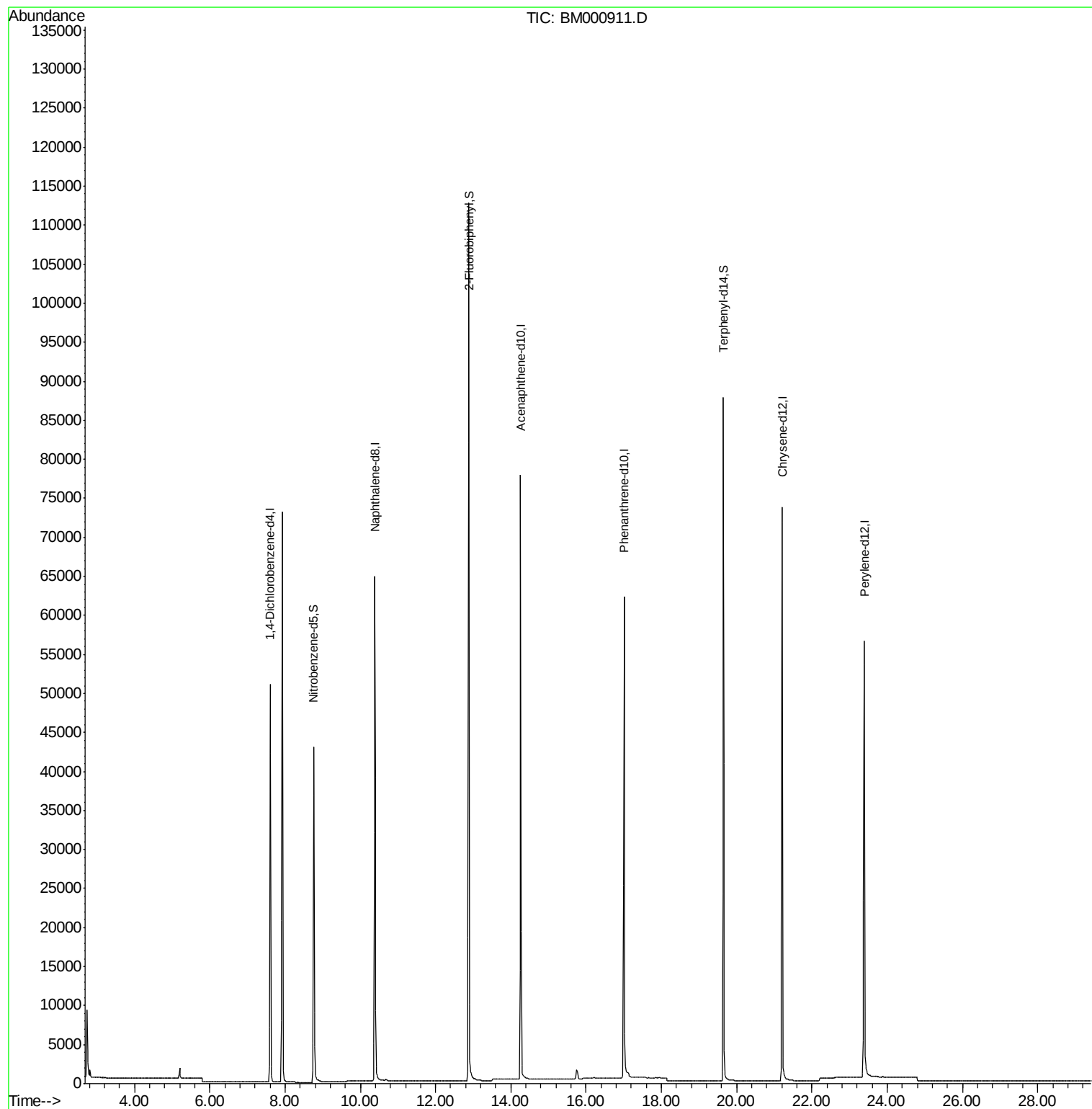
Target Compounds	Qvalue

(#) = 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. -0.00 min

Lab File: BM000911.D

Acq: 08 Apr 2015 16:14

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BNA_M

ClientSampleId :

PB82543BL

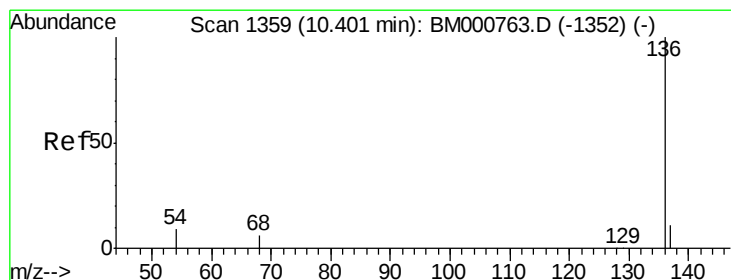
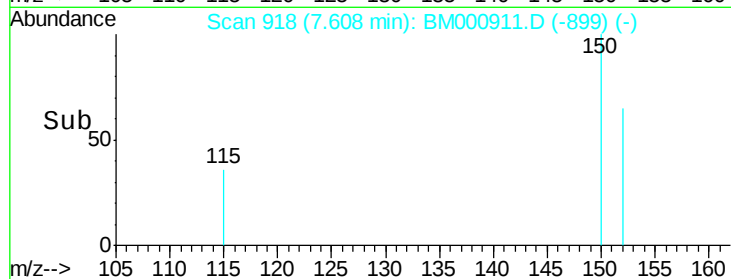
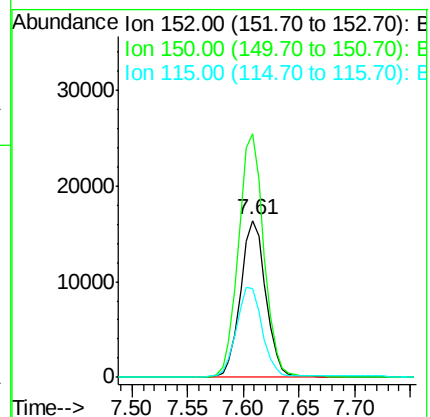
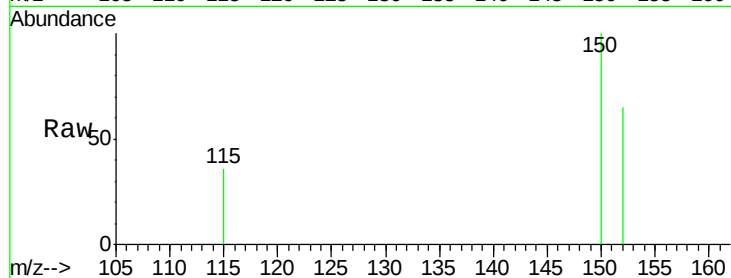
Tgt Ion:152 Resp: 25738

Ion Ratio Lower Upper

152 100

150 154.9 120.8 181.2

115 56.2 42.7 64.1



#4

Naphthalene-d8

Concen: 5.00 ng

RT: 10.39 min Scan# 1358

Delta R.T. -0.00 min

Lab File: BM000911.D

Acq: 08 Apr 2015 16:14

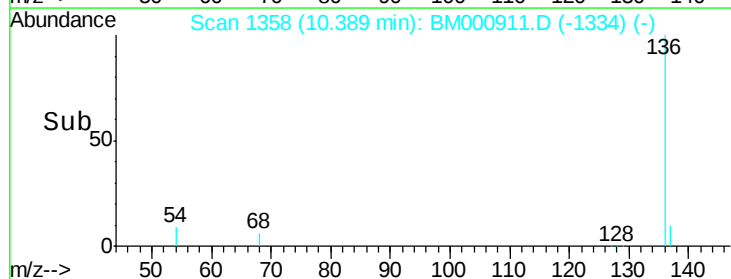
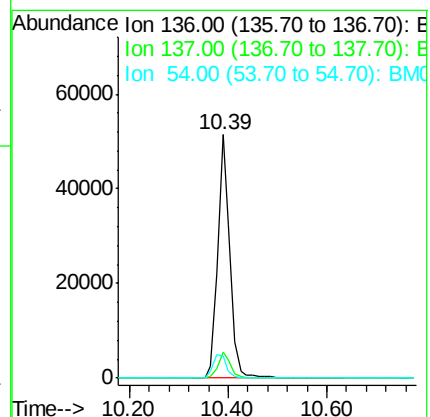
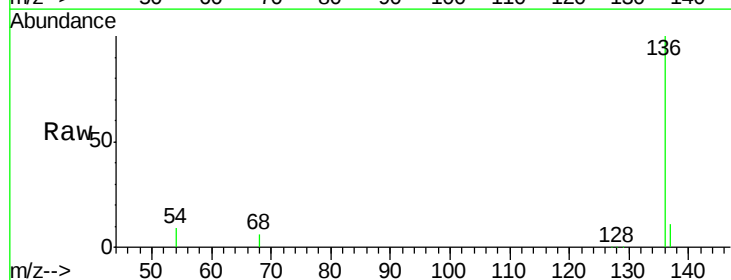
Tgt Ion:136 Resp: 87516

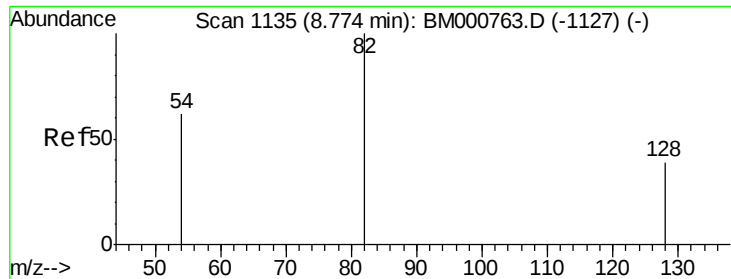
Ion Ratio Lower Upper

136 100

137 10.5 8.6 12.8

54 9.3 7.0 10.6





#5

Nitrobenzene-d5

Concen: 7.04 ng

RT: 8.76 min Scan# 1133

Delta R.T. -0.00 min

Lab File: BM000911.D

Acq: 08 Apr 2015 16:14

Instrument :

BNA_M

ClientSampleId :

PB82543BL

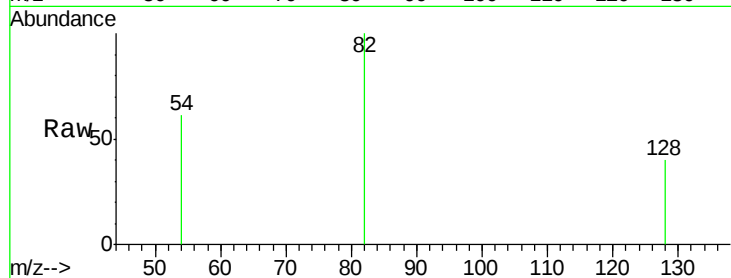
Tgt Ion: 82 Resp: 37713

Ion Ratio Lower Upper

82 100

128 40.3 32.2 48.2

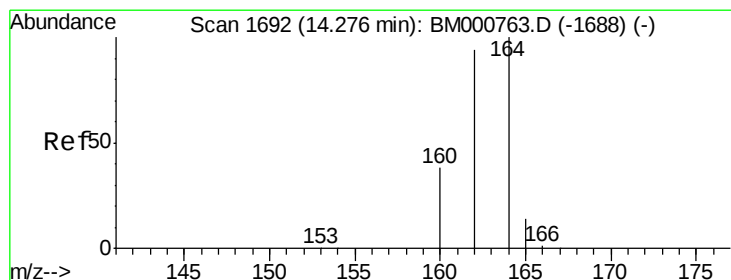
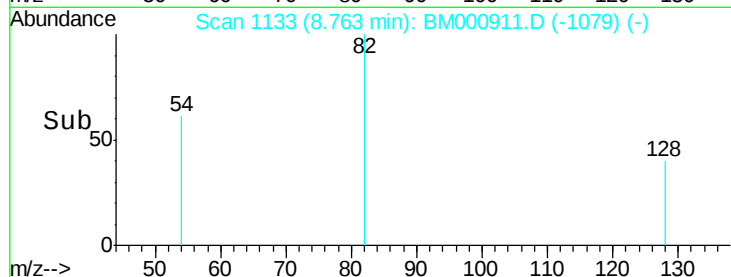
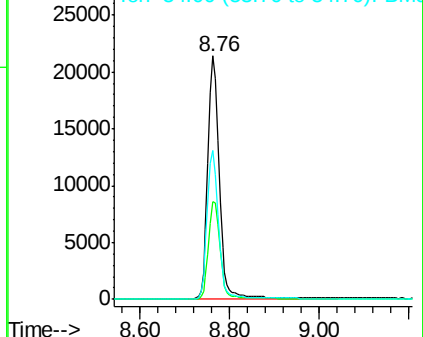
54 60.9 50.2 75.4



Abundance Ion 82.00 (81.70 to 82.70): BM000911.D (-1079) (-)

Ion 128.00 (127.70 to 128.70): BM000911.D (-1079) (-)

Ion 54.00 (53.70 to 54.70): BM000911.D (-1079) (-)



#8

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.26 min Scan# 1691

Delta R.T. -0.00 min

Lab File: BM000911.D

Acq: 08 Apr 2015 16:14

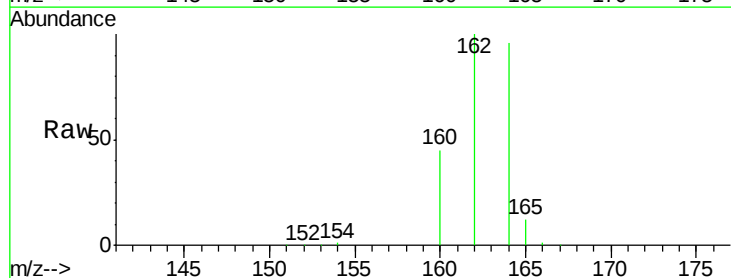
Tgt Ion: 164 Resp: 44216

Ion Ratio Lower Upper

164 100

162 104.5 75.4 113.2

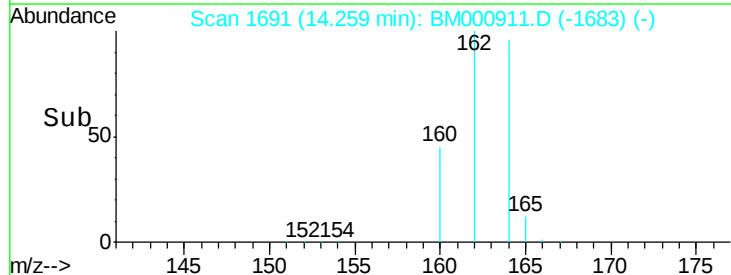
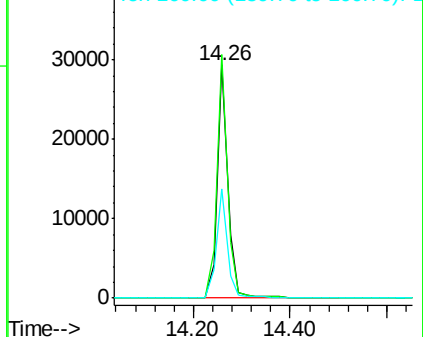
160 46.7 30.8 46.2#

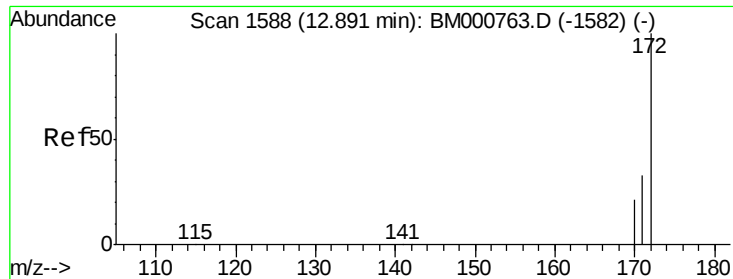


Abundance Ion 164.00 (163.70 to 164.70): BM000911.D (-1683) (-)

Ion 162.00 (161.70 to 162.70): BM000911.D (-1683) (-)

Ion 160.00 (159.70 to 160.70): BM000911.D (-1683) (-)





#9

2-Fluorobiphenyl

Concen: 8.33 ng

RT: 12.88 min Scan# 1587

Delta R.T. -0.00 min

Lab File: BM000911.D

Acq: 08 Apr 2015 16:14

Instrument :

BNA_M

ClientSampleId :

PB82543BL

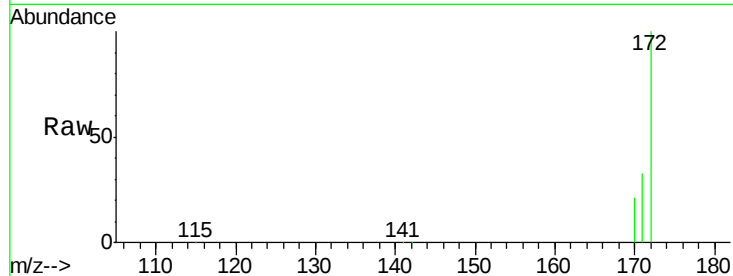
Tgt Ion:172 Resp: 114308

Ion Ratio Lower Upper

172 100

171 33.2 26.6 39.8

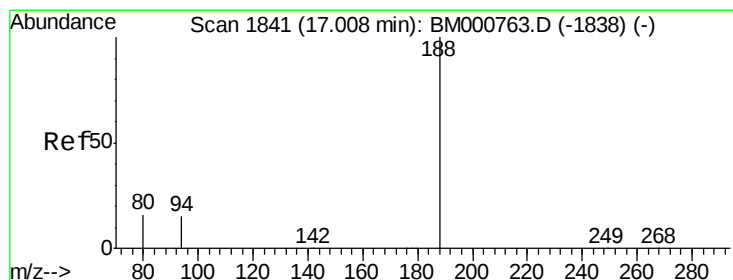
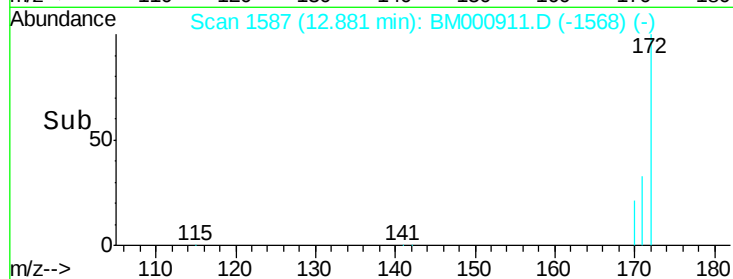
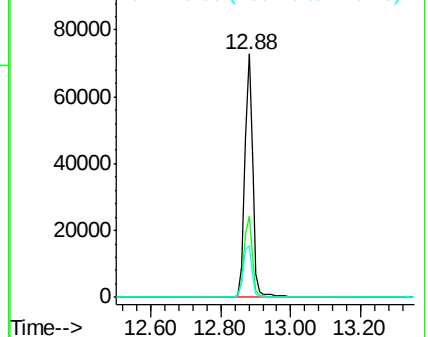
170 21.1 17.1 25.7



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: BM000911.D

Acq: 08 Apr 2015 16:14

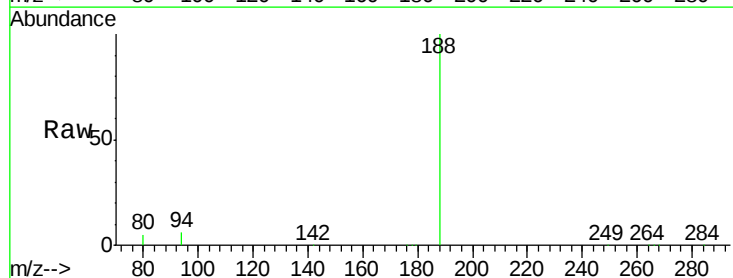
Tgt Ion:188 Resp: 95143

Ion Ratio Lower Upper

188 100

94 5.5 12.0 18.0#

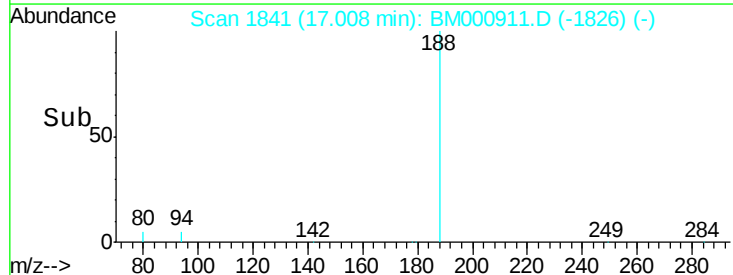
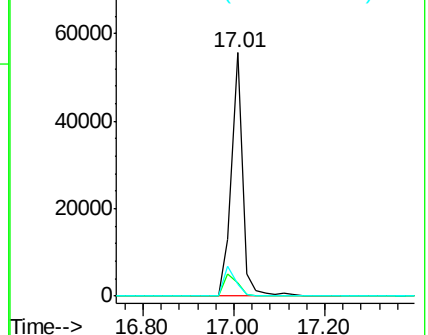
80 5.1 12.8 19.2#

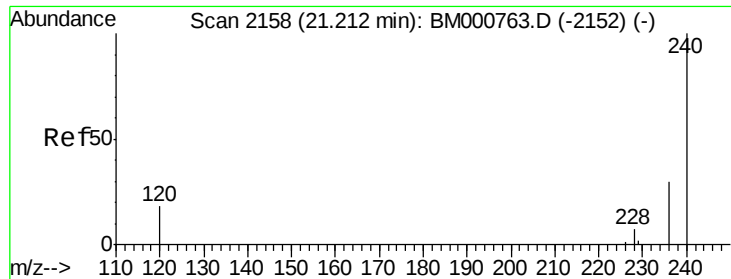


Abundance Ion 188.00 (187.70 to 188.70): E

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: BM000911.D

Acq: 08 Apr 2015 16:14

Instrument :

BNA_M

ClientSampleId :

PB82543BL

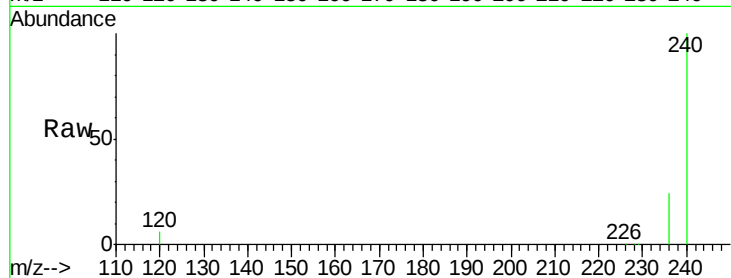
Tgt Ion:240 Resp: 82651

Ion Ratio Lower Upper

240 100

120 5.8 14.9 22.3#

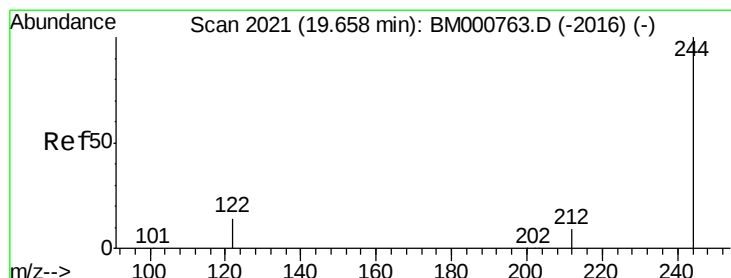
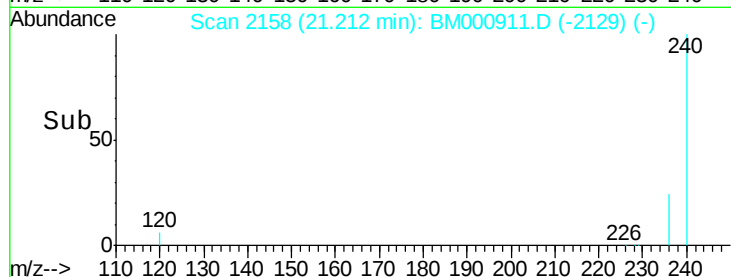
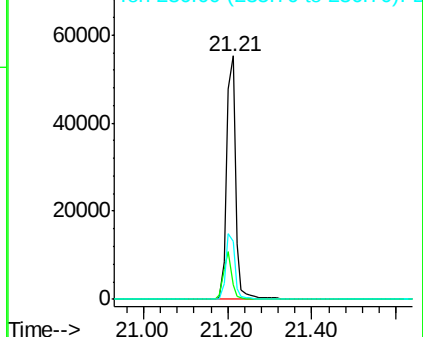
236 23.9 24.2 36.4#



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: 9.06 ng

RT: 19.65 min Scan# 2020

Delta R.T. -0.00 min

Lab File: BM000911.D

Acq: 08 Apr 2015 16:14

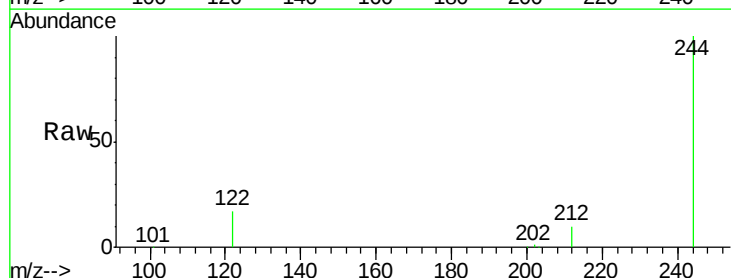
Tgt Ion:244 Resp: 90062

Ion Ratio Lower Upper

244 100

212 9.9 7.8 11.6

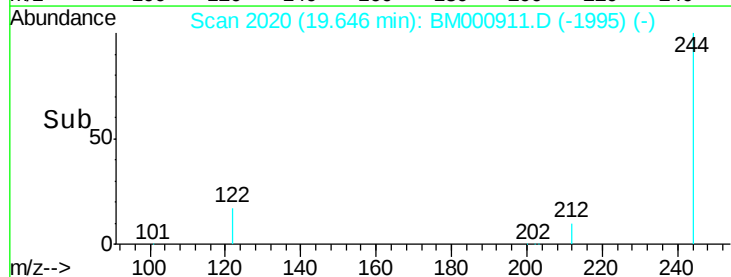
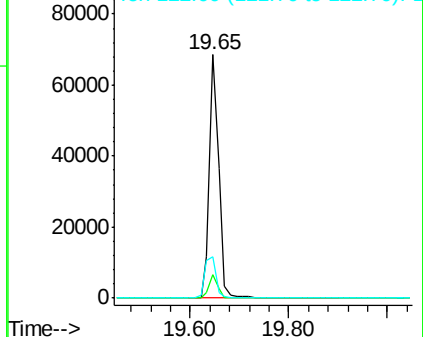
122 17.2 11.8 17.8

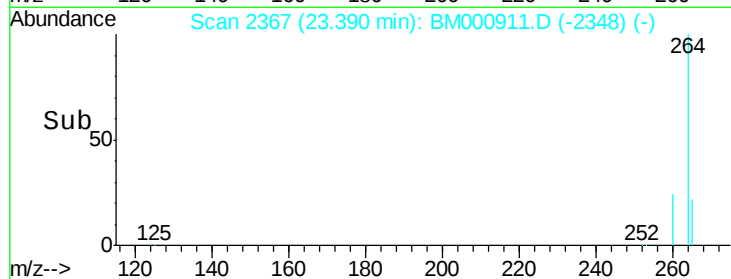
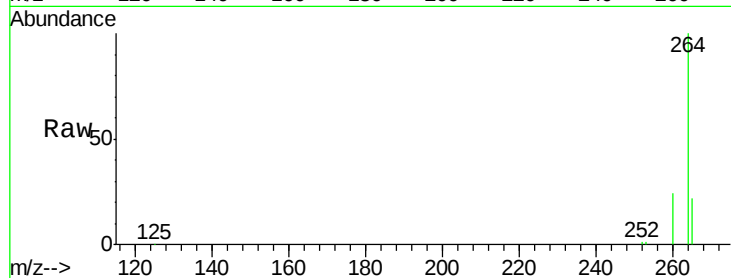
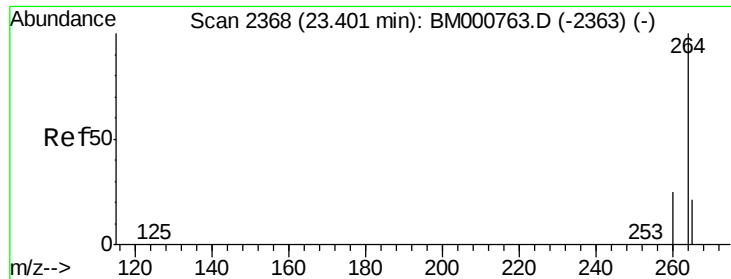


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.39 min Scan# 2367

Delta R.T. -0.00 min

Lab File: BM000911.D

Acq: 08 Apr 2015 16:14

Instrument :

BNA_M

ClientSampleId :

PB82543BL

Tgt Ion: 264 Resp: 78021

Ion Ratio Lower Upper

264 100

260 23.7 20.1 30.1

265 22.4 17.4 26.0

