

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040115\
 Data File : BM000794.D
 Acq On : 01 Apr 2015 21:08
 Operator : TP/IZ
 Sample : PB82336BL
 Misc : LOD/LOQ-SOIL-BLK
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB82336BL

Quant Time: Apr 02 02:26:56 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	30562	5.00	ng	0.00
4) Naphthalene-d8	10.40	136	102615	5.00	ng	0.00
8) Acenaphthene-d10	14.28	164	49491	5.00	ng	0.00
13) Phenanthrene-d10	17.01	188	112570	5.00	ng	0.00
19) Chrysene-d12	21.21	240	94757	5.00	ng	0.00
25) Perylene-d12	23.40	264	86946	5.00	ng	0.00
System Monitoring Compounds						
5) Nitrobenzene-d5	8.77	82	55141	8.73	ng	0.00
9) 2-Fluorobiphenyl	12.89	172	160985	10.49	ng	0.00
21) Terphenyl-d14	19.66	244	128955	11.31	ng	0.00

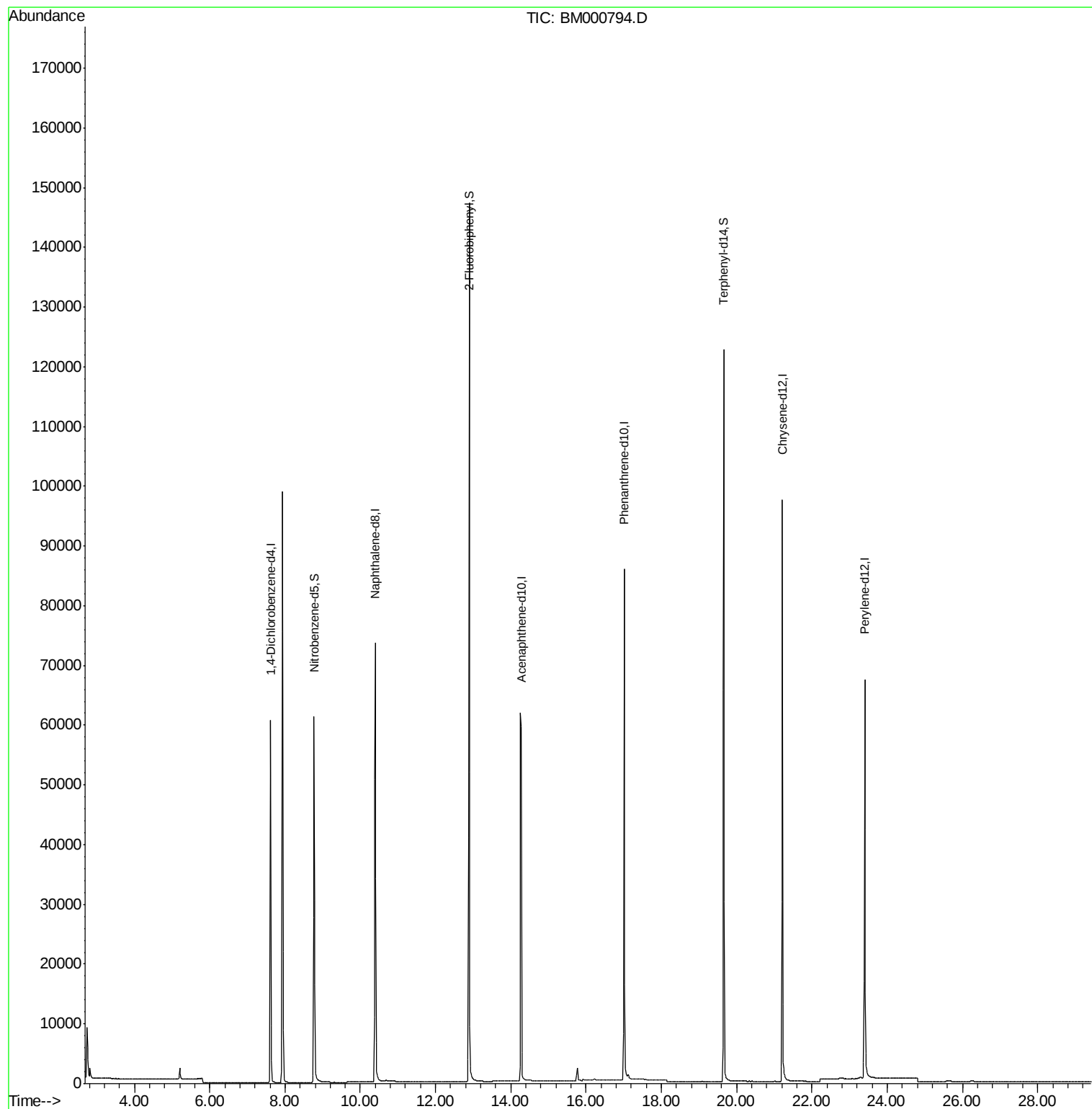
Target Compounds	Qvalue
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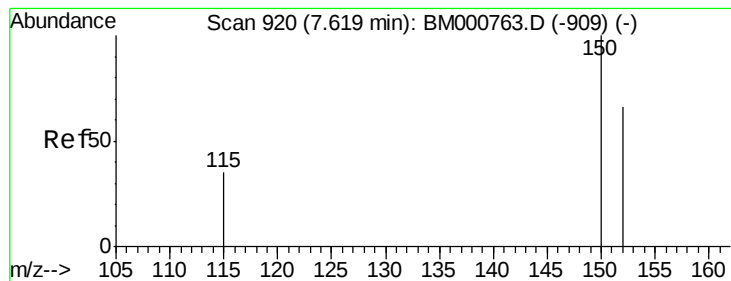
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 02 02:26:56 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





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.61 min Scan# 919

Delta R.T. -0.01 min

Lab File: BM000794.D

Acq: 01 Apr 2015 21:08

Instrument :

BNA_M

ClientSampleId :

PB82336BL

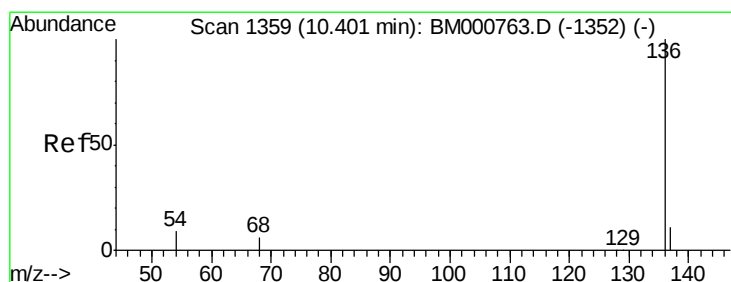
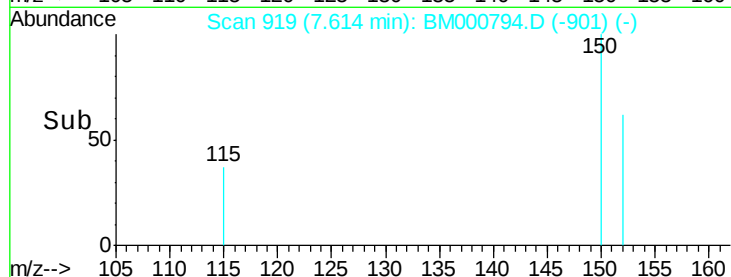
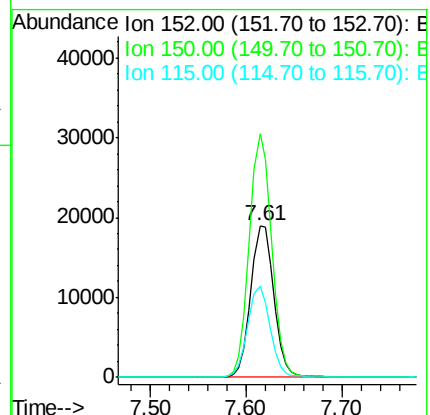
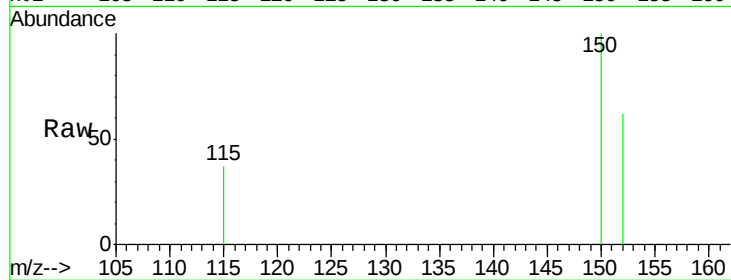
Tgt Ion:152 Resp: 30562

Ion Ratio Lower Upper

152 100

150 160.4 120.8 181.2

115 59.9 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: BM000794.D

Acq: 01 Apr 2015 21:08

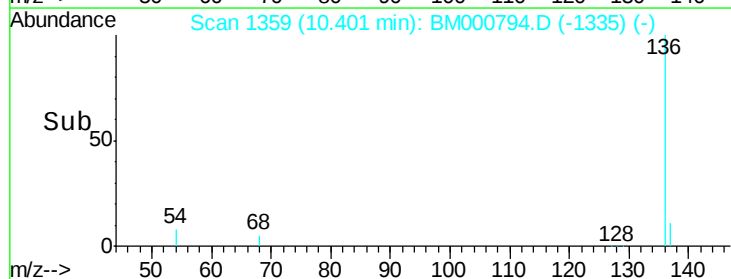
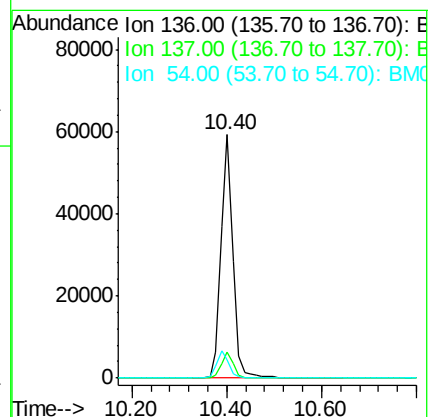
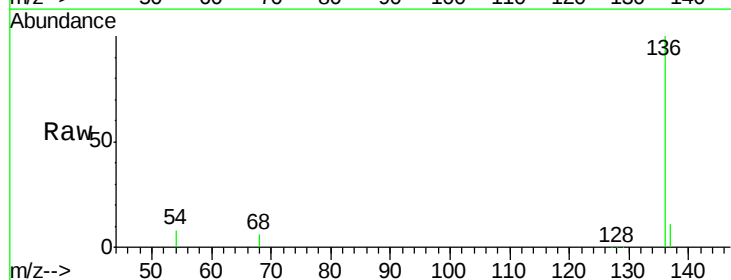
Tgt Ion:136 Resp: 102615

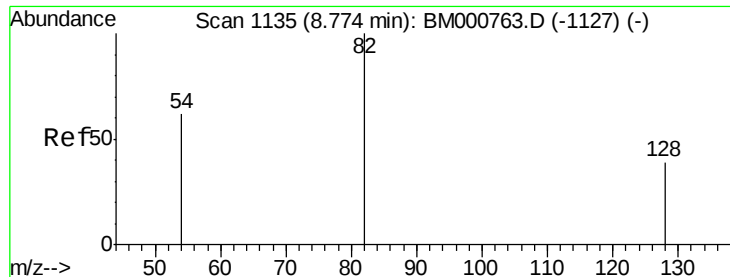
Ion Ratio Lower Upper

136 100

137 10.9 8.6 12.8

54 7.8 7.0 10.6





#5

Nitrobenzene-d5

Concen: 8.73 ng

RT: 8.77 min Scan# 1135

Delta R.T. 0.00 min

Lab File: BM000794.D

Acq: 01 Apr 2015 21:08

Instrument :

BNA_M

ClientSampleId :

PB82336BL

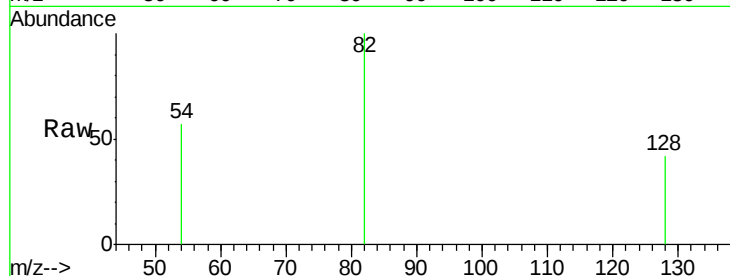
Tgt Ion: 82 Resp: 55141

Ion Ratio Lower Upper

82 100

128 42.2 32.2 48.2

54 57.0 50.2 75.4

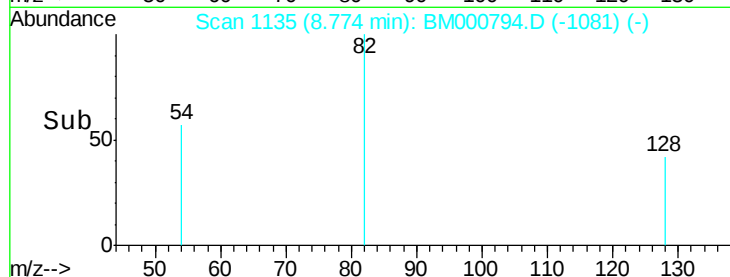


Abundance Ion 82.00 (81.70 to 82.70): BM000763.D (-1127) (-)

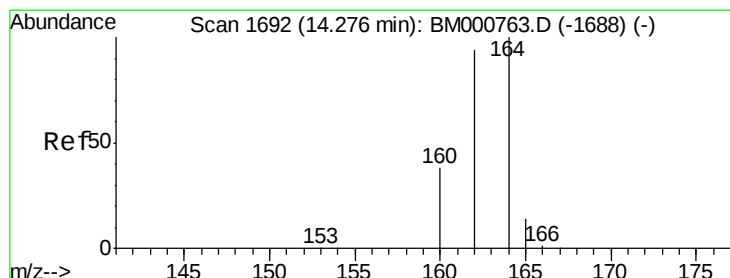
Ion 128.00 (127.70 to 128.70): BM000763.D (-1127) (-)

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

Time-->



Time-->



#8

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.28 min Scan# 1692

Delta R.T. 0.00 min

Lab File: BM000794.D

Acq: 01 Apr 2015 21:08

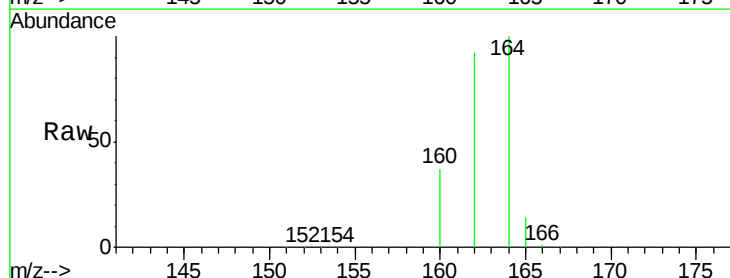
Tgt Ion: 164 Resp: 49491

Ion Ratio Lower Upper

164 100

162 91.5 75.4 113.2

160 36.7 30.8 46.2

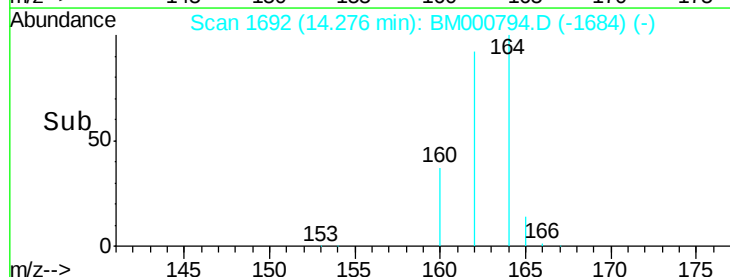


Abundance Ion 164.00 (163.70 to 164.70): BM000763.D (-1688) (-)

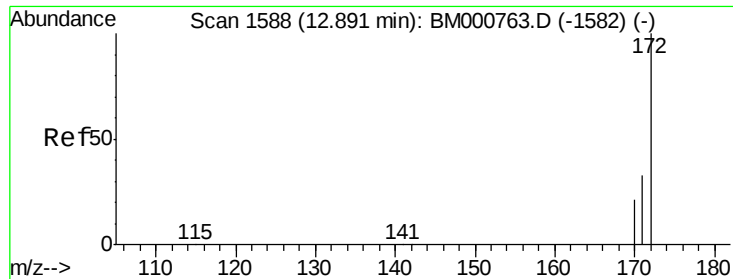
Ion 162.00 (161.70 to 162.70): BM000763.D (-1688) (-)

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

Time-->



Time-->



#9

2-Fluorobiphenyl

Concen: 10.49 ng

RT: 12.89 min Scan# 1588

Delta R.T. 0.00 min

Lab File: BM000794.D

Acq: 01 Apr 2015 21:08

Instrument :

BNA_M

ClientSampleId :

PB82336BL

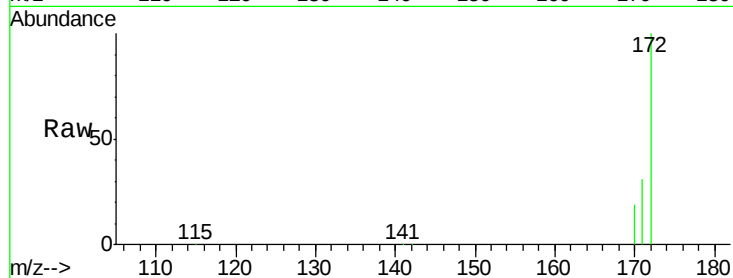
Tgt Ion:172 Resp: 160985

Ion Ratio Lower Upper

172 100

171 31.4 26.6 39.8

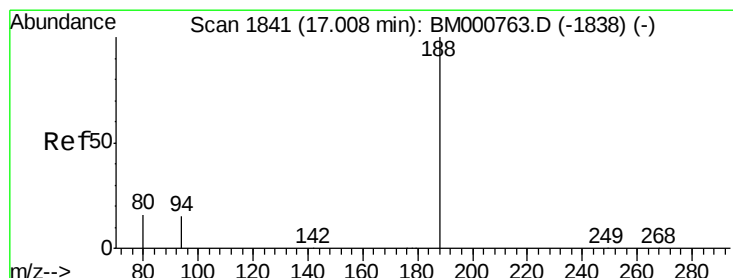
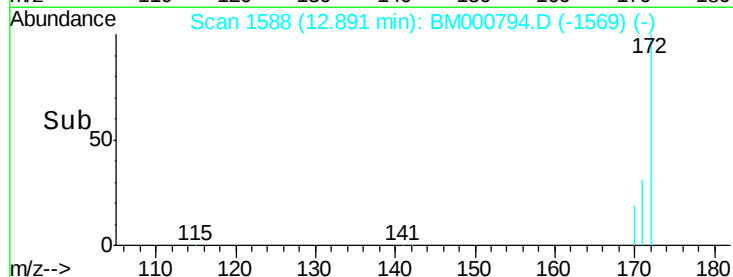
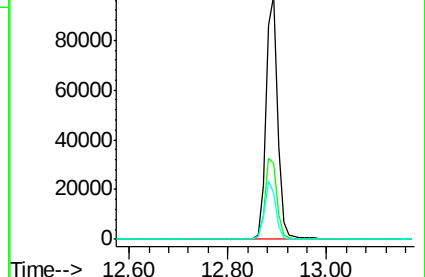
170 18.8 17.1 25.7



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: BM000794.D

Acq: 01 Apr 2015 21:08

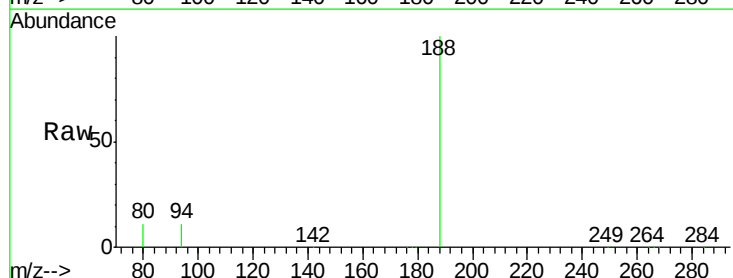
Tgt Ion:188 Resp: 112570

Ion Ratio Lower Upper

188 100

94 11.3 12.0 18.0#

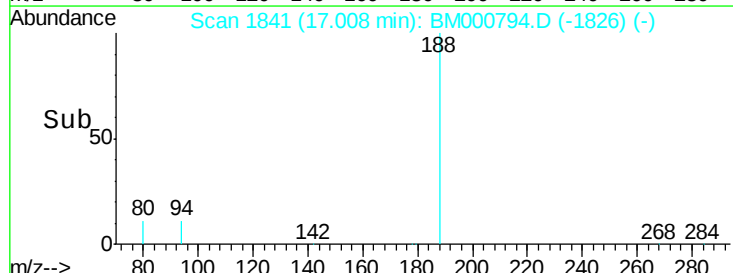
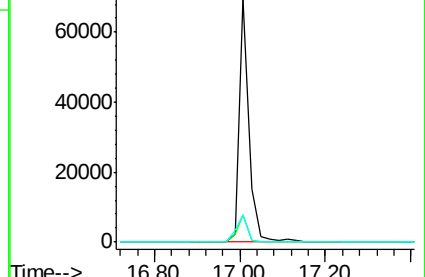
80 11.5 12.8 19.2#

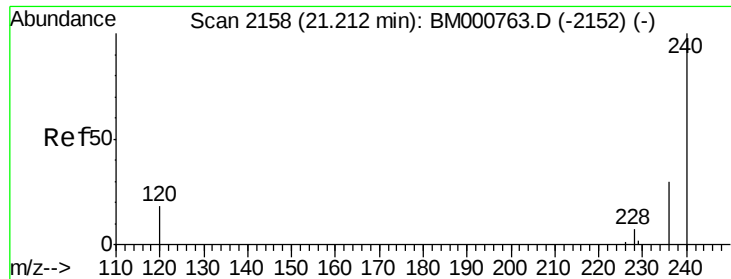


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.21 min Scan# 2158

Delta R.T. 0.00 min

Lab File: BM000794.D

Acq: 01 Apr 2015 21:08

Instrument :

BNA_M

ClientSampleId :

PB82336BL

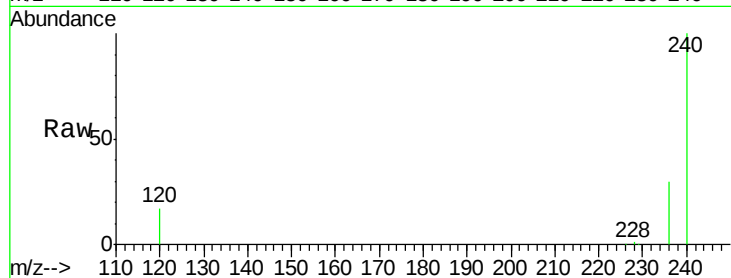
Tgt Ion:240 Resp: 94757

Ion Ratio Lower Upper

240 100

120 16.7 14.9 22.3

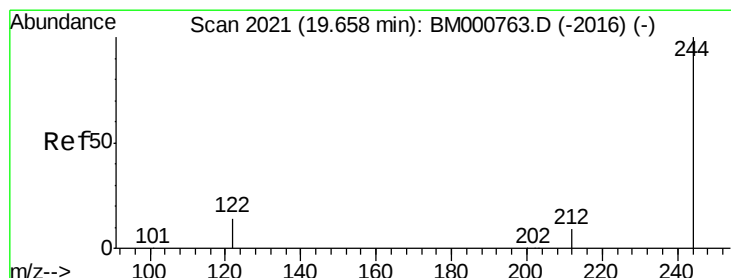
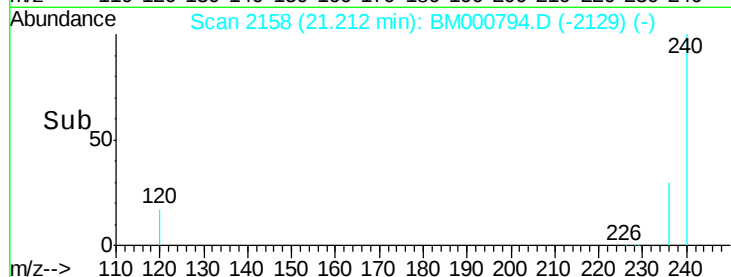
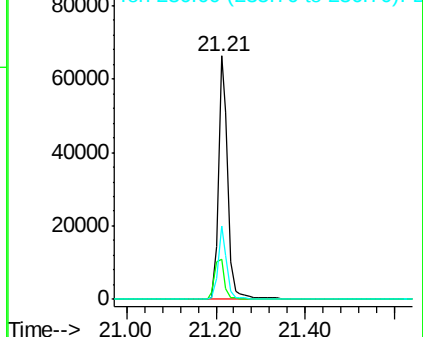
236 30.0 24.2 36.4



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: 11.31 ng

RT: 19.66 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BM000794.D

Acq: 01 Apr 2015 21:08

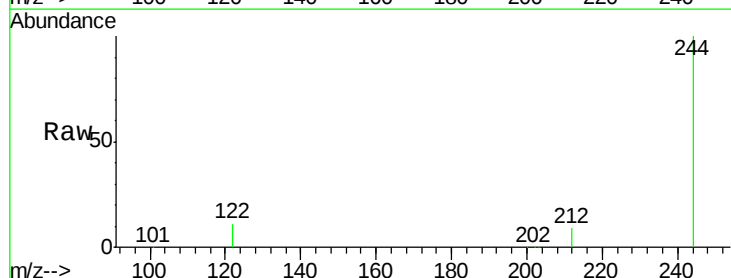
Tgt Ion:244 Resp: 128955

Ion Ratio Lower Upper

244 100

212 8.7 7.8 11.6

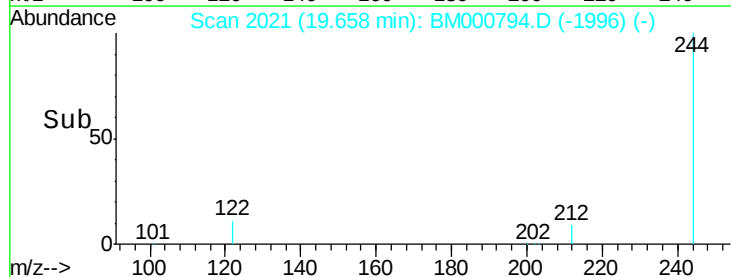
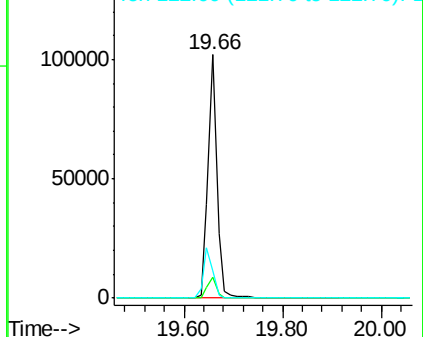
122 11.0 11.8 17.8#

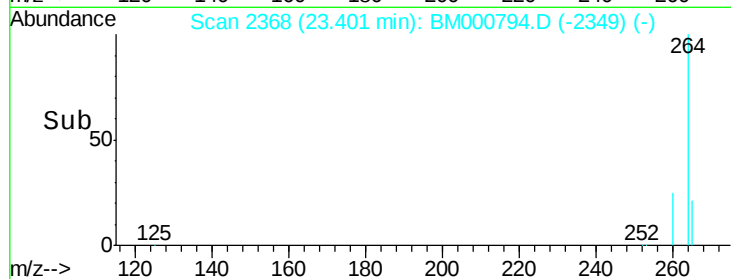
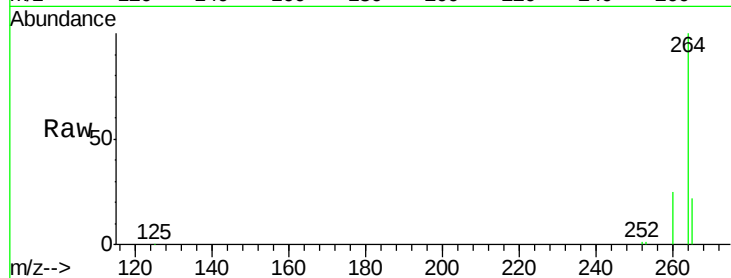
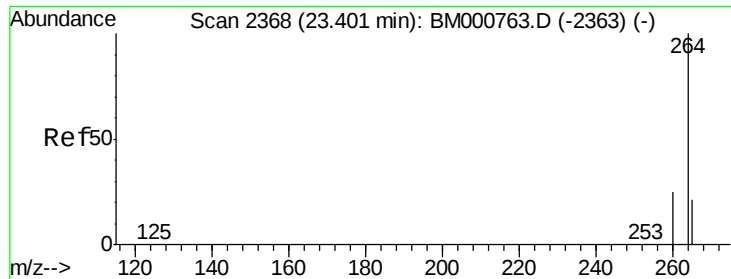


Abundance Ion 244.00 (243.70 to 244.70): E

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: BM000794.D

Acq: 01 Apr 2015 21:08

Instrument :

BNA_M

ClientSampleId :

PB82336BL

Tgt Ion: 264 Resp: 86946

Ion Ratio Lower Upper

264 100

260 24.9 20.1 30.1

265 21.6 17.4 26.0

