

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041815\
 Data File : BM001051.D
 Acq On : 18 Apr 2015 08:37
 Operator : TP/IZ
 Sample : PB82779BL
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB82779BL

Quant Time: Apr 20 08:22:22 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIMPAH-BM041815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 20 08:05:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	24091	5.00	ng	0.00
4) Naphthalene-d8	10.36	136	86183	5.00	ng	0.00
8) Acenaphthene-d10	14.24	164	45305	5.00	ng	0.00
13) Phenanthrene-d10	16.99	188	101632	5.00	ng	0.00
19) Chrysene-d12	21.19	240	86933	5.00	ng	0.00
25) Perylene-d12	23.36	264	78487	5.00	ng	0.00
System Monitoring Compounds						
5) Nitrobenzene-d5	8.74	82	30251	6.72	ng	0.00
9) 2-Fluorobiphenyl	12.86	172	93032	6.22	ng	0.00
21) Terphenyl-d14	19.63	244	75032	6.51	ng	0.00

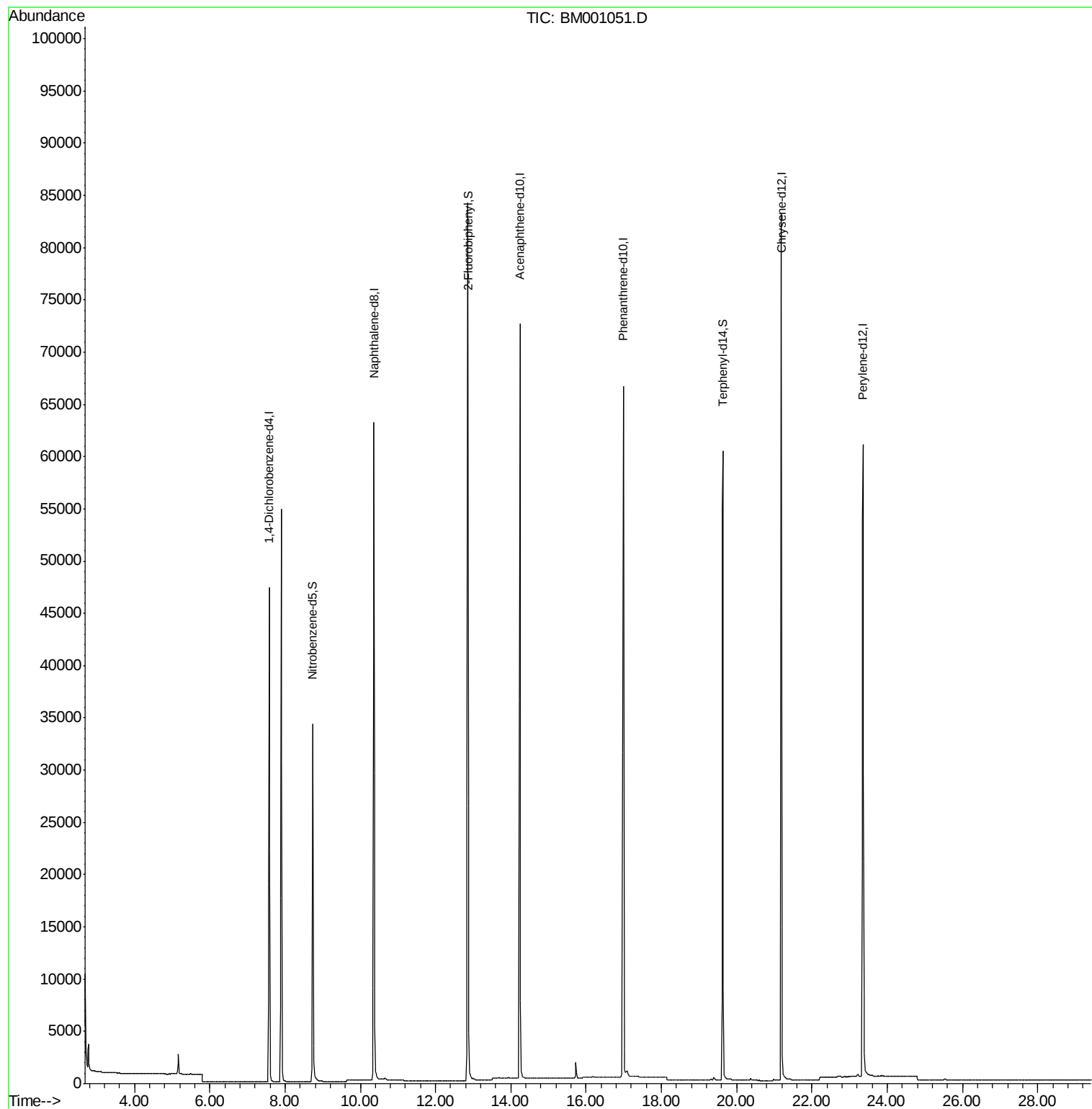
Target Compounds	Ovalue

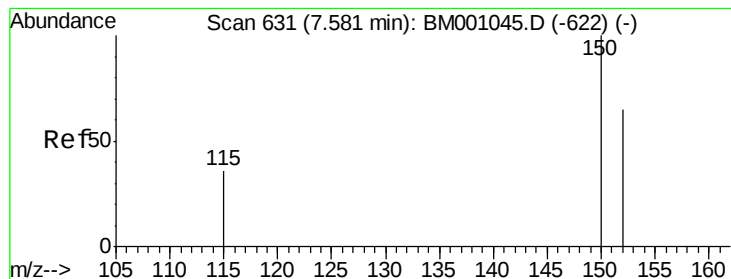
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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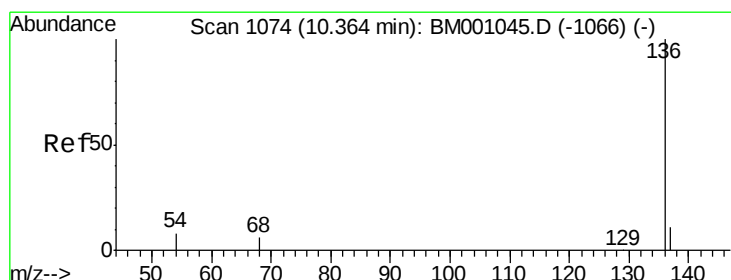
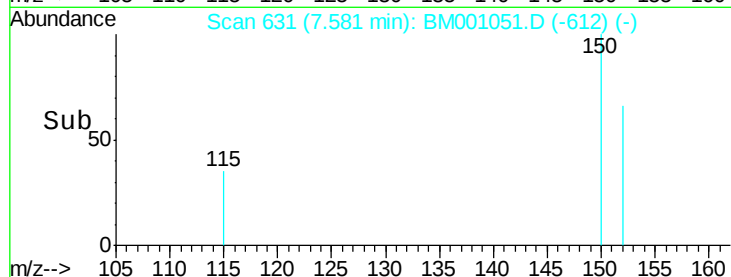
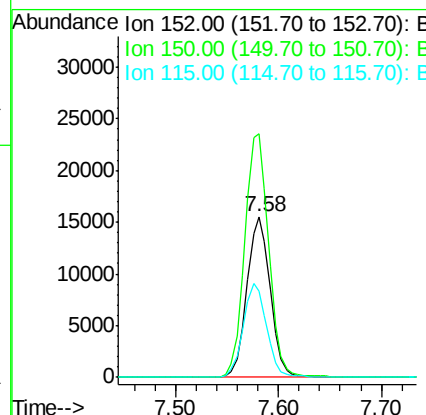
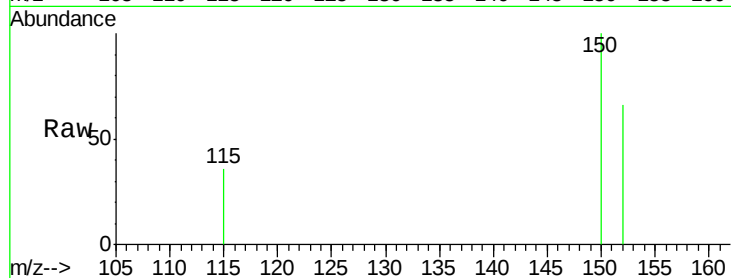


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 631
Delta R.T. 0.00 min
Lab File: BM001051.D
Acq: 18 Apr 2015 08:37

Instrument :
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ClientSampleId :
PB82779BL

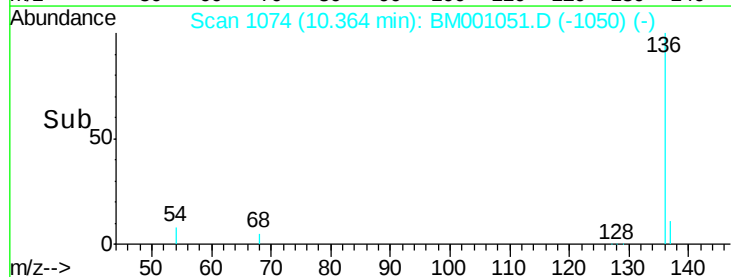
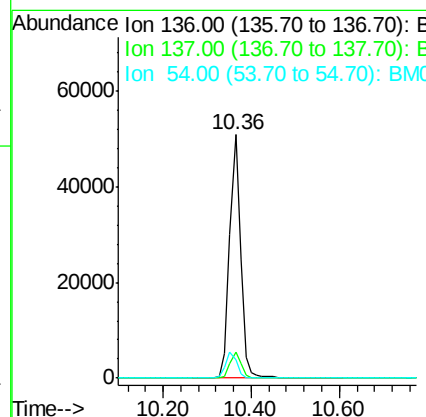
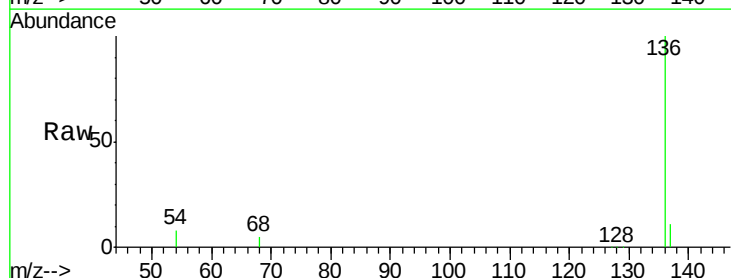
Tot Ion:152 Resp: 24091
Ion Ratio Lower Upper
152 100
150 151.5 123.3 184.9
115 53.9 45.0 67.6

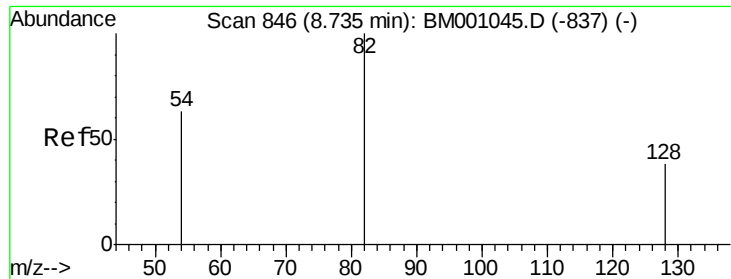


#4

Naphthalene-d8
Concen: 5.00 ng
RT: 10.36 min Scan# 1074
Delta R.T. 0.00 min
Lab File: BM001051.D
Acq: 18 Apr 2015 08:37

Tgt Ion:136 Resp: 86183
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.7 6.5 9.7





#5

Nitrobenzene-d5

Concen: 6.72 ng

RT: 8.74 min Scan# 846

Delta R.T. 0.00 min

Lab File: BM001051.D

Acq: 18 Apr 2015 08:37

Instrument :

BNA_M

ClientSampleId :

PB82779BL

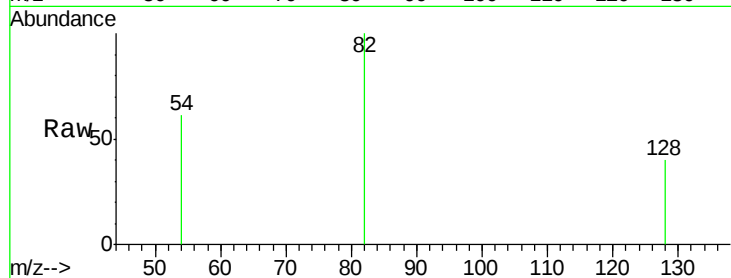
Tot Ion: 82 Resp: 30251

Ion Ratio Lower Upper

82 100

128 40.1 31.9 47.9

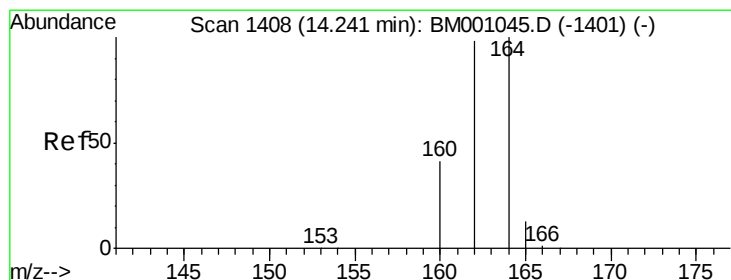
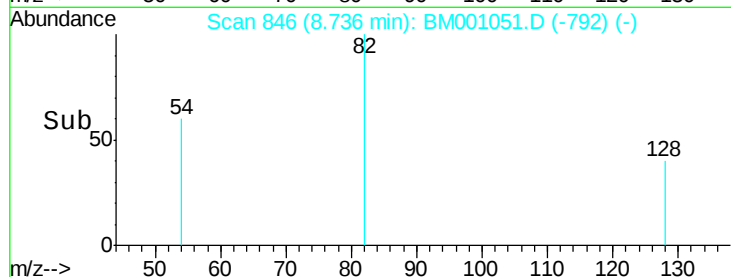
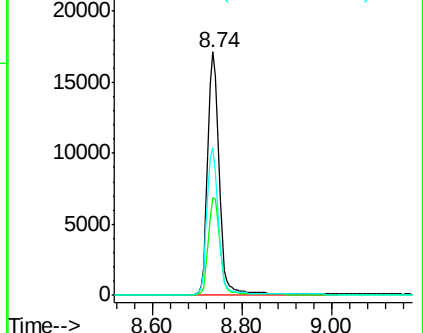
54 60.5 51.3 76.9



Abundance Ion 82.00 (81.70 to 82.70): BM001045.D (-837) (-)

Ion 128.00 (127.70 to 128.70): BM001045.D (-837) (-)

Ion 54.00 (53.70 to 54.70): BM001045.D (-837) (-)



#8

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.24 min Scan# 1408

Delta R.T. 0.00 min

Lab File: BM001051.D

Acq: 18 Apr 2015 08:37

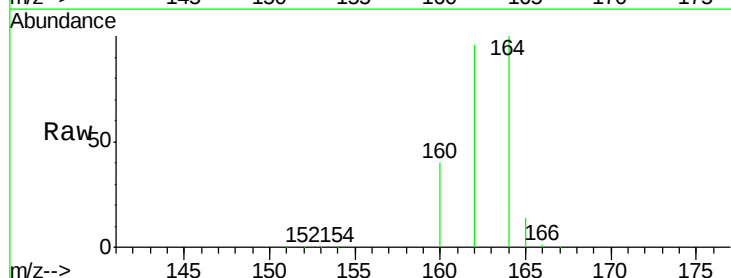
Tgt Ion: 164 Resp: 45305

Ion Ratio Lower Upper

164 100

162 96.2 78.5 117.7

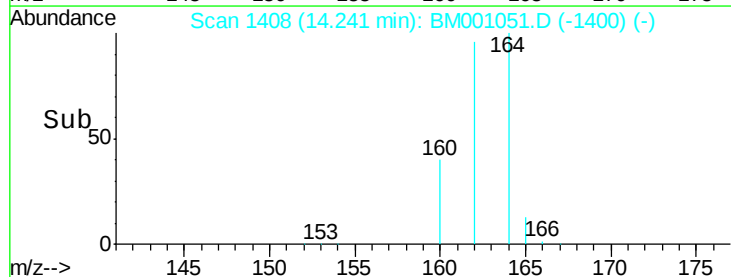
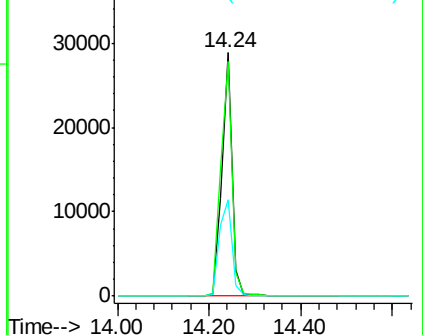
160 39.8 32.9 49.3

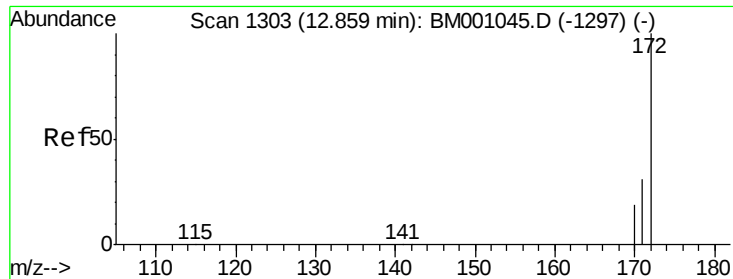


Abundance Ion 164.00 (163.70 to 164.70): BM001045.D (-1401) (-)

Ion 162.00 (161.70 to 162.70): BM001045.D (-1401) (-)

Ion 160.00 (159.70 to 160.70): BM001045.D (-1401) (-)





#9

2-Fluorobiphenyl

Concen: 6.22 ng

RT: 12.86 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BM001051.D

Acq: 18 Apr 2015 08:37

Instrument :

BNA_M

ClientSampleId :

PB82779BL

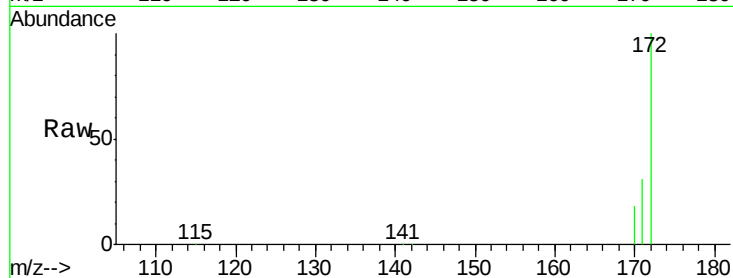
Tot Ion:172 Resp: 93032

Ion Ratio Lower Upper

172 100

171 31.0 25.6 38.4

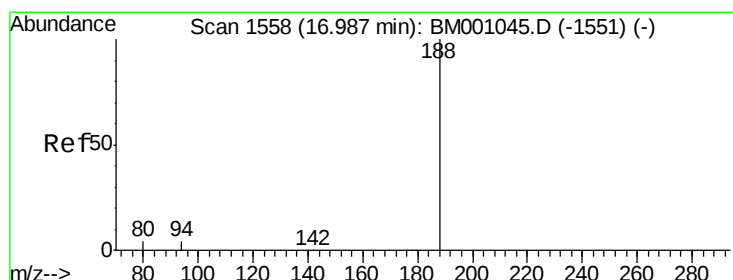
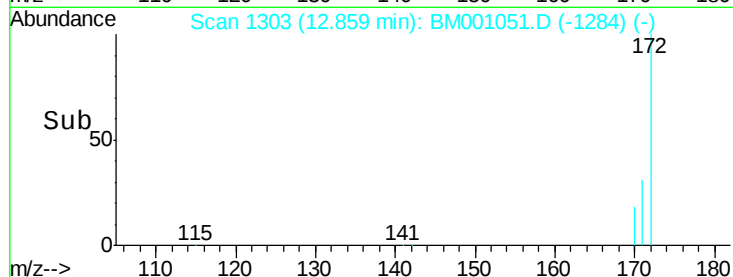
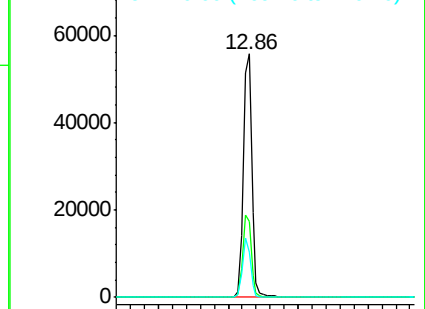
170 18.4 15.8 23.6



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: 16.99 min Scan# 1558

Delta R.T. 0.00 min

Lab File: BM001051.D

Acq: 18 Apr 2015 08:37

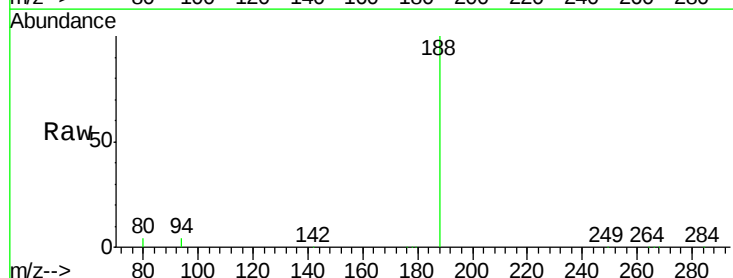
Tgt Ion:188 Resp: 101632

Ion Ratio Lower Upper

188 100

94 4.2 3.6 5.4

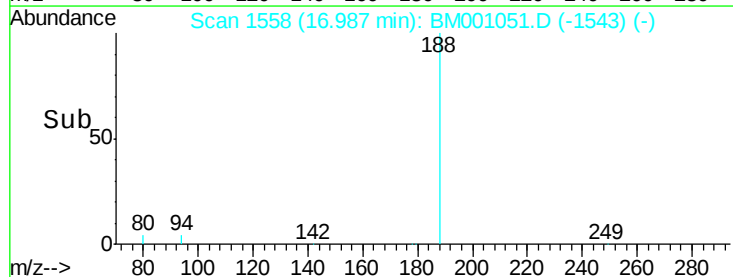
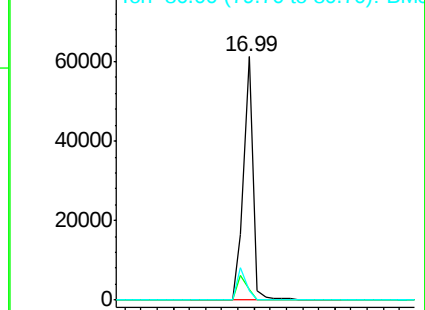
80 3.7 3.0 4.6

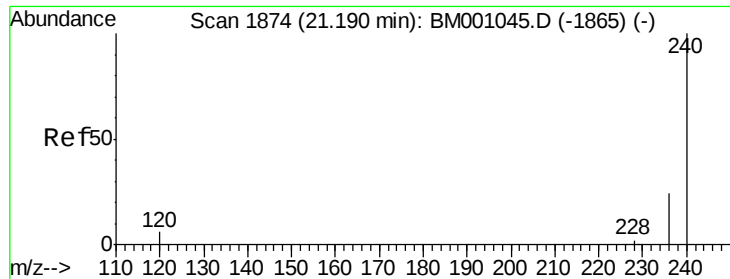


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.19 min Scan# 1874

Delta R.T. 0.00 min

Lab File: BM001051.D

Acq: 18 Apr 2015 08:37

Instrument :

BNA_M

ClientSampleId :

PB82779BL

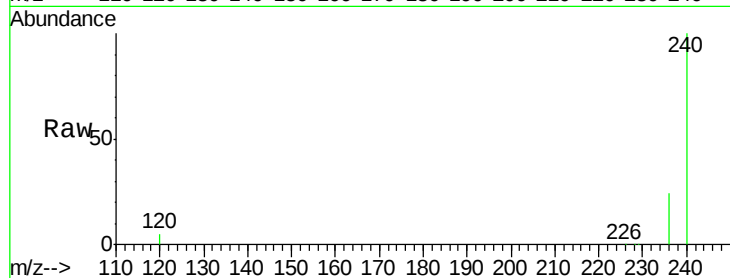
Tot Ion:240 Resp: 86933

Ion Ratio Lower Upper

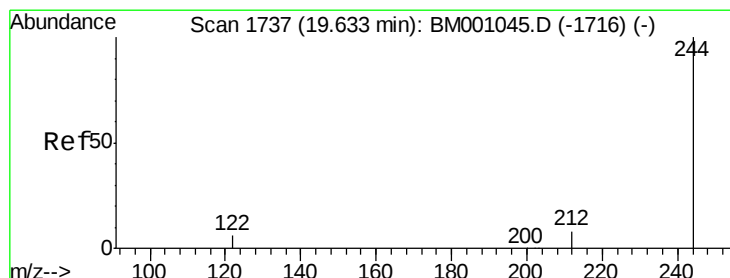
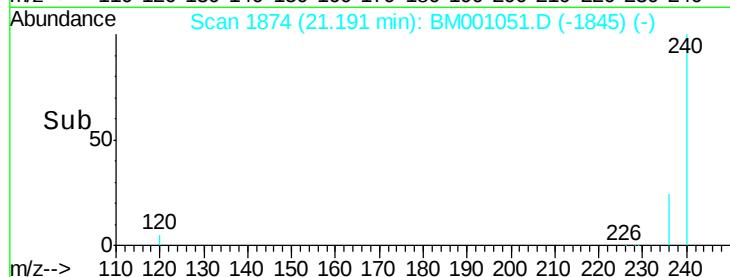
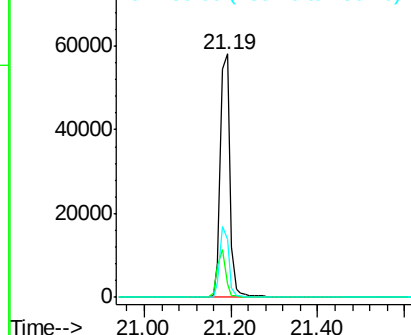
240 100

120 5.3 4.6 6.8

236 23.6 19.1 28.7



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: 6.51 ng

RT: 19.63 min Scan# 1737

Delta R.T. 0.00 min

Lab File: BM001051.D

Acq: 18 Apr 2015 08:37

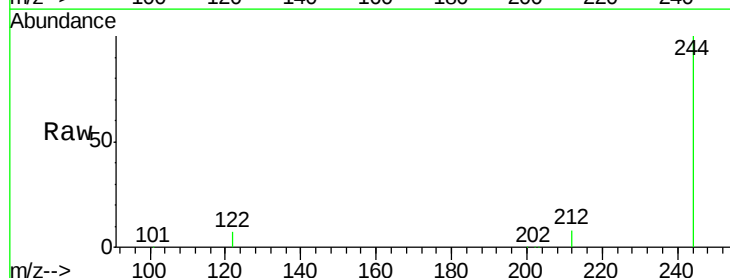
Tgt Ion:244 Resp: 75032

Ion Ratio Lower Upper

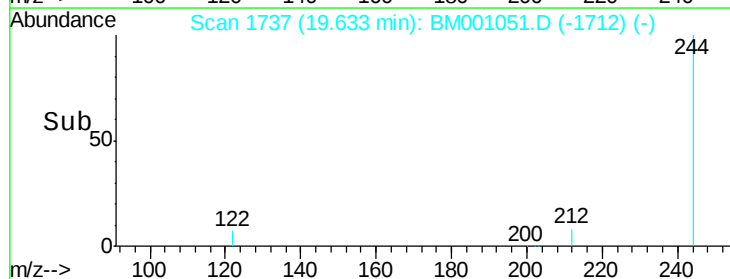
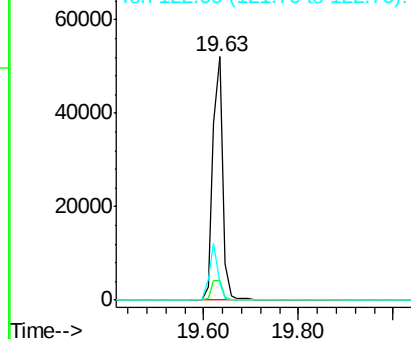
244 100

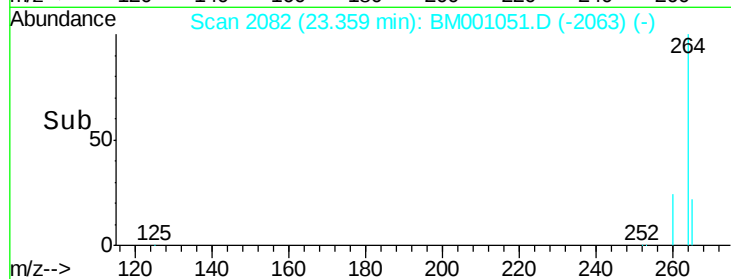
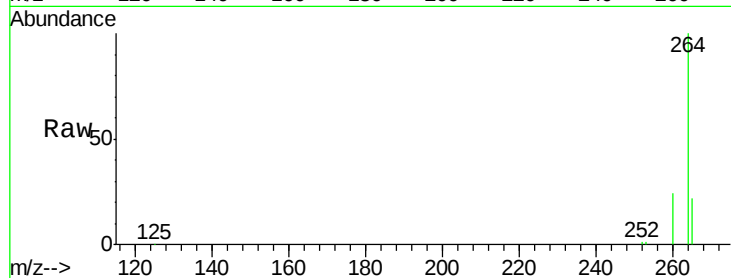
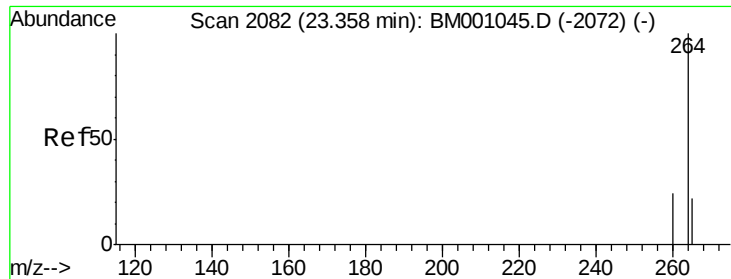
212 8.2 7.1 10.7

122 7.1 5.9 8.9



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

Pervlene-d12

Concen: 5.00 ng

RT: 23.36 min Scan# 2082

Delta R.T. 0.00 min

Lab File: BM001051.D

Acq: 18 Apr 2015 08:37

Instrument :

BNA_M

ClientSampleId :

PB82779BL

Tot Ion: 264 Resp: 78487

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

265 22.1 17.9 26.9

