

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041815\
 Data File : BM001058.D
 Acq On : 18 Apr 2015 13:59
 Operator : TP/IZ
 Sample : G1856-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 S39-0075

Quant Time: Apr 20 08:27:50 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	23662	5.00	ng	0.00
4) Naphthalene-d8	10.36	136	85509	5.00	ng	0.00
8) Acenaphthene-d10	14.24	164	46252	5.00	ng	0.00
13) Phenanthrene-d10	16.99	188	104735	5.00	ng	0.00
19) Chrysene-d12	21.19	240	89537	5.00	ng	0.00
25) Perylene-d12	23.36	264	81064	5.00	ng	0.00
System Monitoring Compounds						
5) Nitrobenzene-d5	8.74	82	25078	5.62	ng	0.00
9) 2-Fluorobiphenyl	12.86	172	83831	5.49	ng	0.00
21) Terphenyl-d14	19.63	244	77585	6.54	ng	0.00

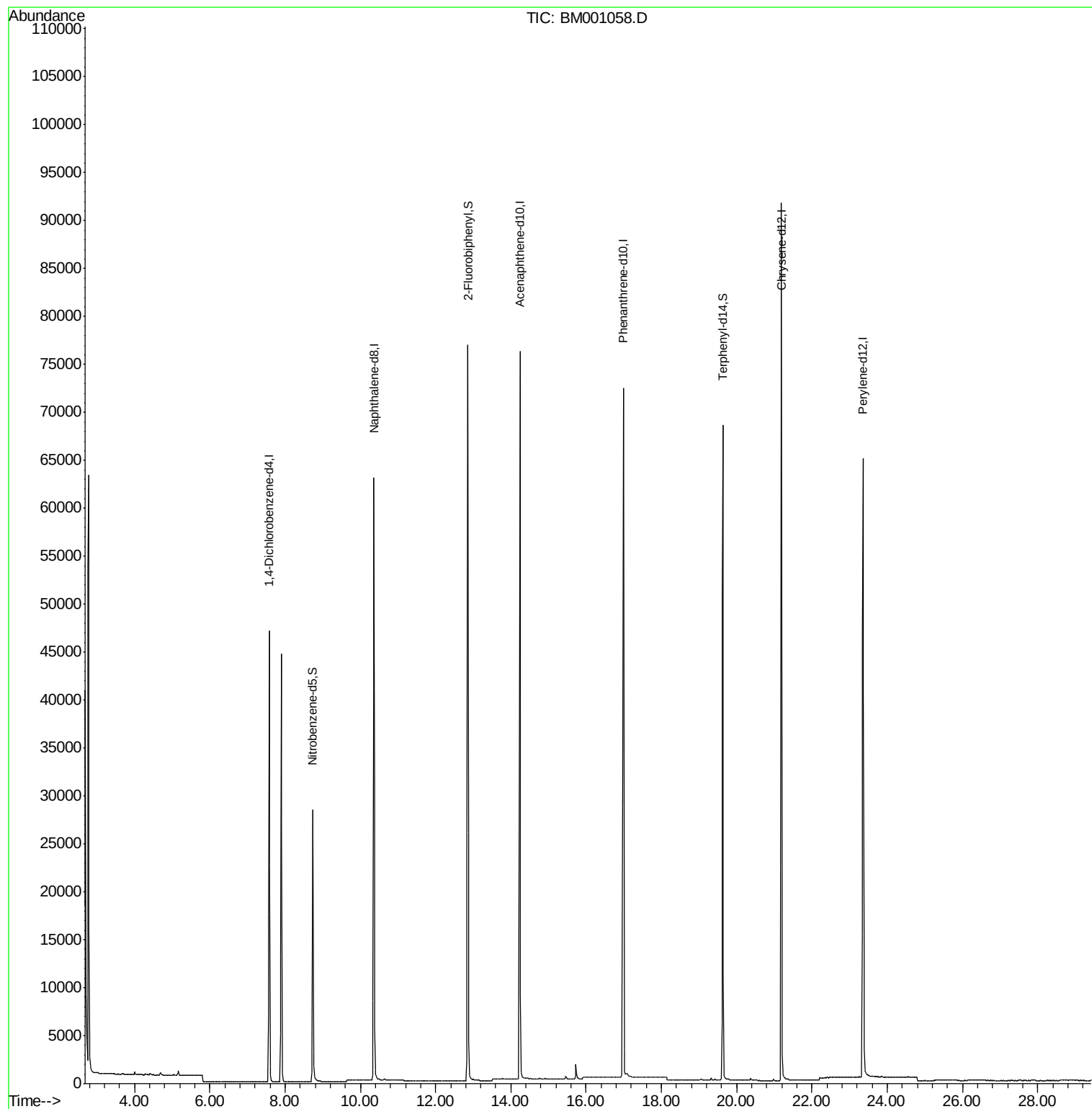
Target Compounds	Ovalue

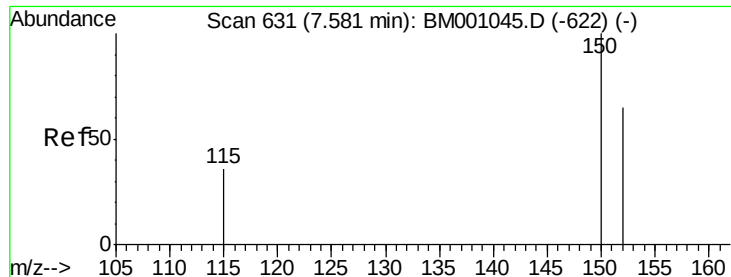
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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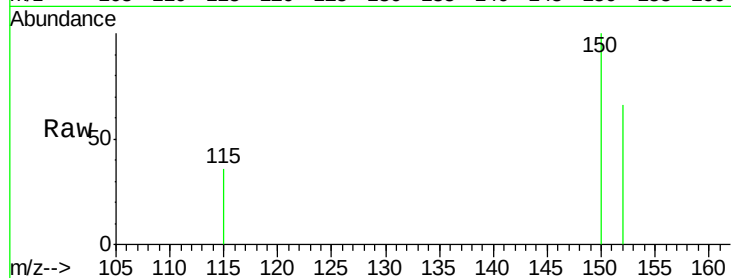


#1

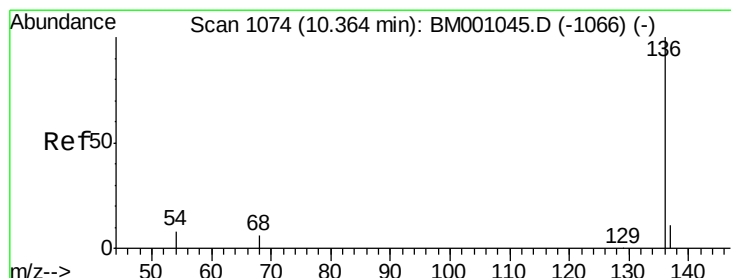
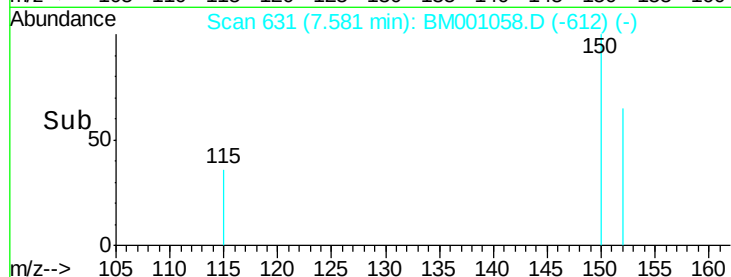
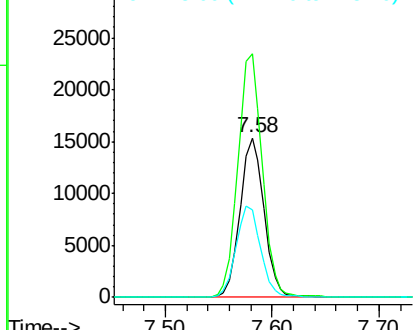
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 631
Delta R.T. 0.00 min
Lab File: BM001058.D
Acq: 18 Apr 2015 13:59

Instrument :
BNA_M
ClientSampleId :
S39-0075

Tot Ion:152 Resp: 23662
Ion Ratio Lower Upper
152 100
150 152.7 123.3 184.9
115 54.7 45.0 67.6



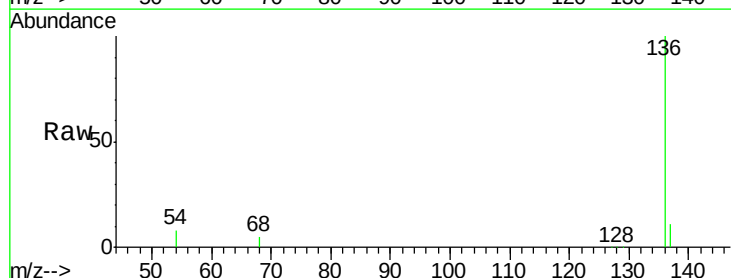
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



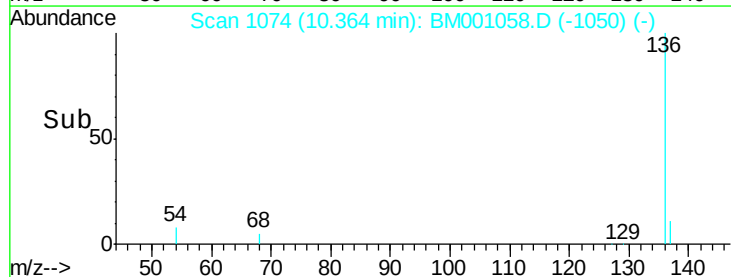
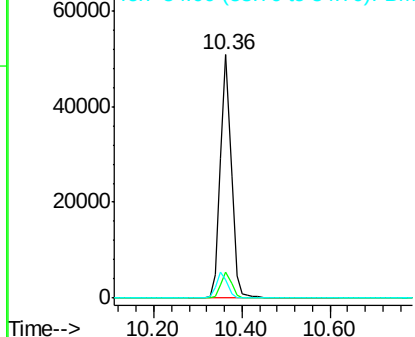
#4

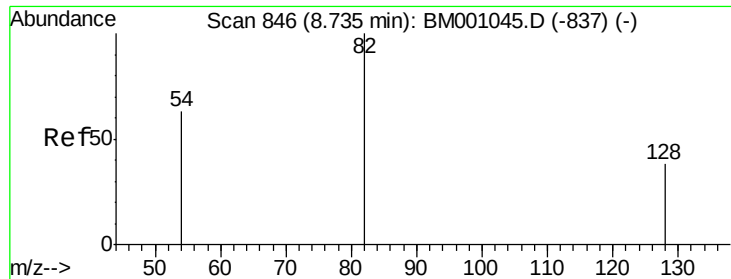
Naphthalene-d8
Concen: 5.00 ng
RT: 10.36 min Scan# 1074
Delta R.T. 0.00 min
Lab File: BM001058.D
Acq: 18 Apr 2015 13:59

Tgt Ion:136 Resp: 85509
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.8 6.5 9.7



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): BM0





#5

Nitrobenzene-d5

Concen: 5.62 ng

RT: 8.74 min Scan# 846

Delta R.T. 0.00 min

Lab File: BM001058.D

Acq: 18 Apr 2015 13:59

Instrument :

BNA_M

ClientSampleId :

S39-0075

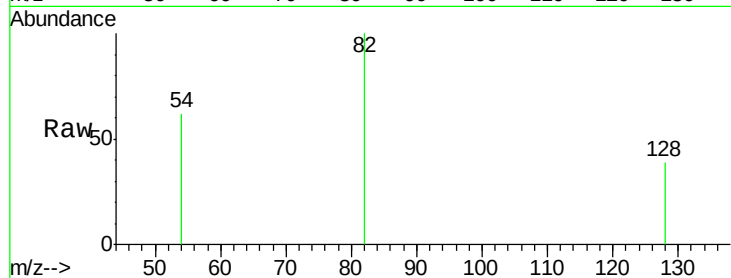
Tot Ion: 82 Resp: 25078

Ion Ratio Lower Upper

82 100

128 39.1 31.9 47.9

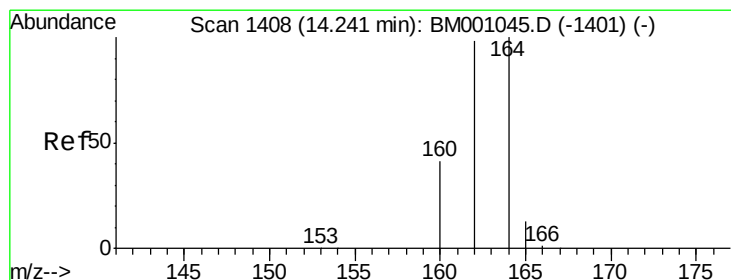
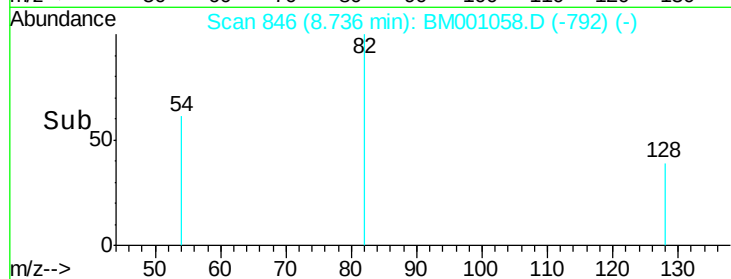
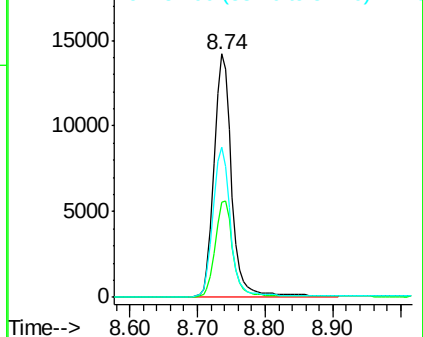
54 61.6 51.3 76.9



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: BM001058.D

Acq: 18 Apr 2015 13:59

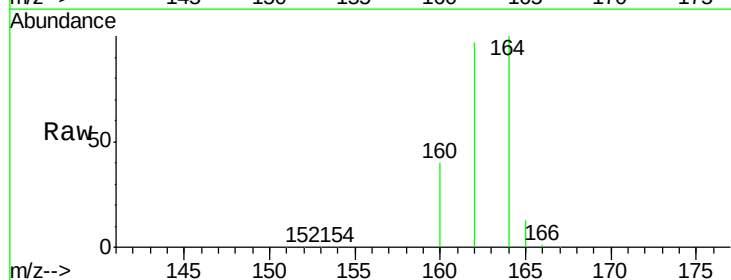
Tgt Ion: 164 Resp: 46252

Ion Ratio Lower Upper

164 100

162 97.5 78.5 117.7

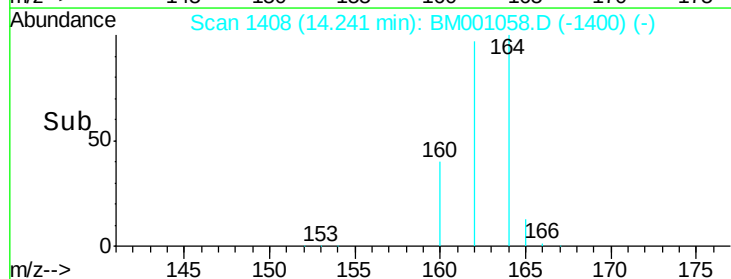
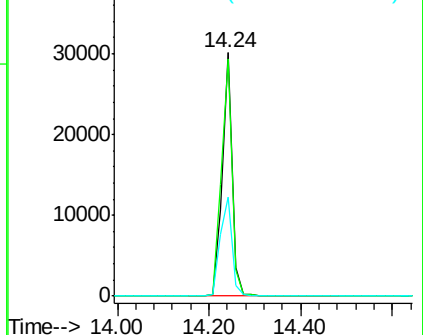
160 40.5 32.9 49.3

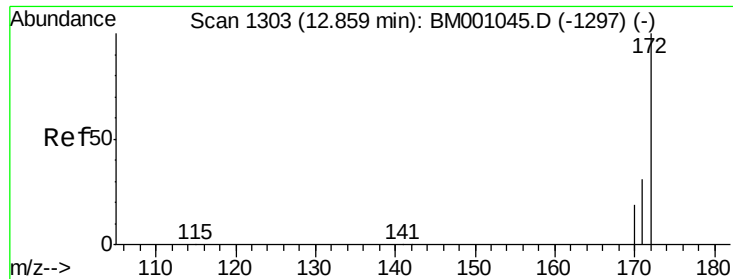


Abundance Ion 164.00 (163.70 to 164.70): BM001045.D (-1401) (-)

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: 5.49 ng

RT: 12.86 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BM001058.D

Acq: 18 Apr 2015 13:59

Instrument :

BNA_M

ClientSampleId :

S39-0075

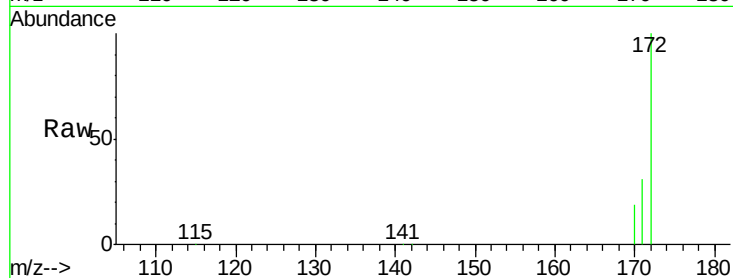
Tot Ion:172 Resp: 83831

Ion Ratio Lower Upper

172 100

171 31.1 25.6 38.4

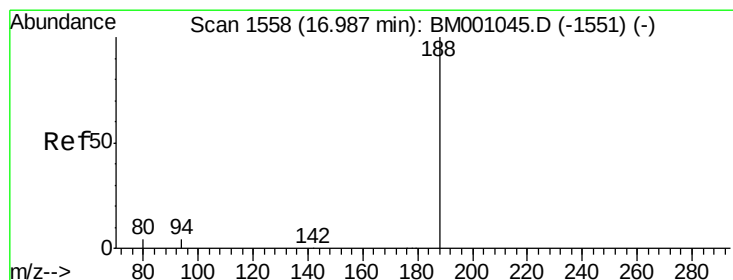
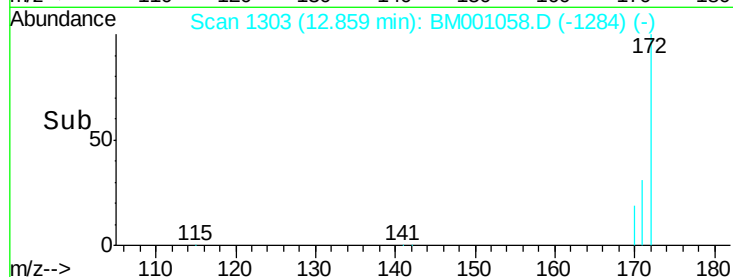
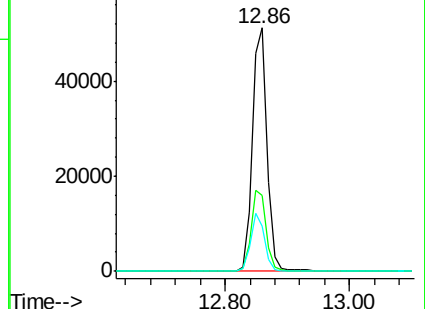
170 18.7 15.8 23.6



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: BM001058.D

Acq: 18 Apr 2015 13:59

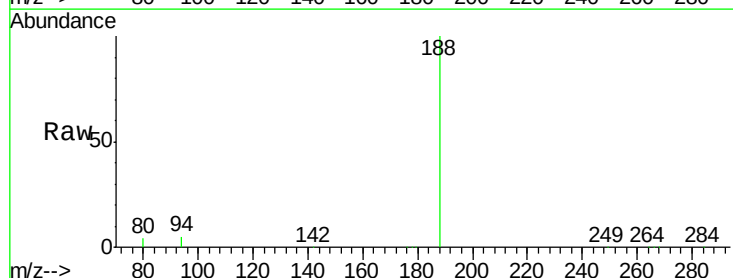
Tgt Ion:188 Resp: 104735

Ion Ratio Lower Upper

188 100

94 4.7 3.6 5.4

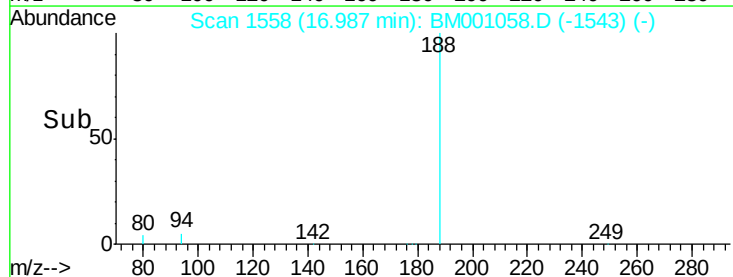
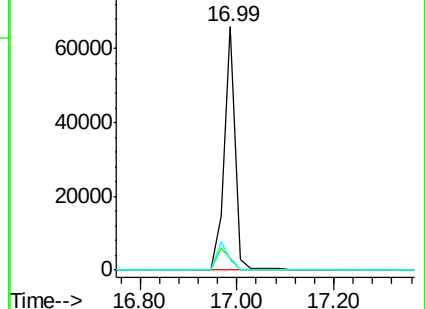
80 4.2 3.0 4.6

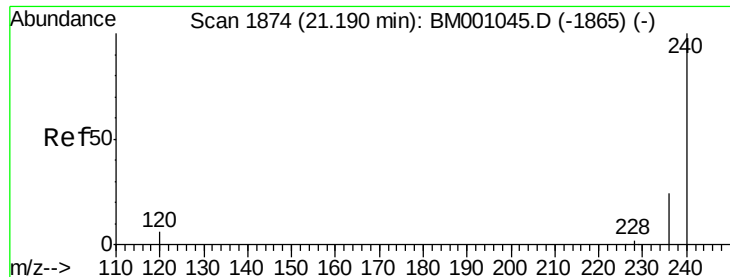


Abundance Ion 188.00 (187.70 to 188.70): E

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: BM001058.D

Acq: 18 Apr 2015 13:59

Instrument :

BNA_M

ClientSampleId :

S39-0075

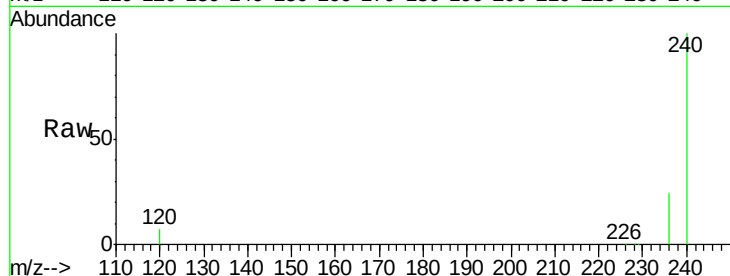
Tot Ion:240 Resp: 89537

Ion Ratio Lower Upper

240 100

120 6.7 4.6 6.8

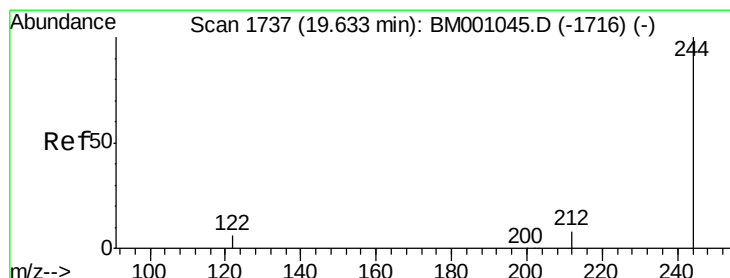
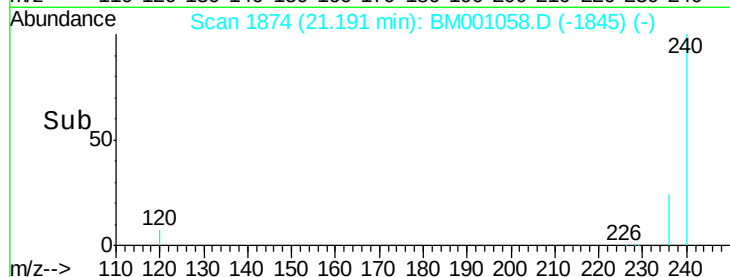
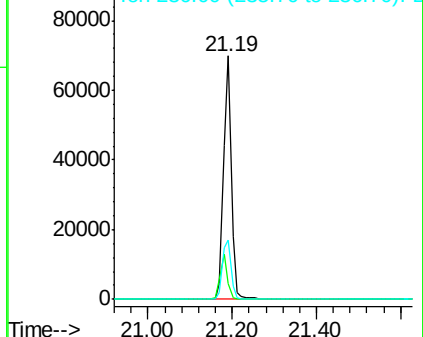
236 24.3 19.1 28.7



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: 6.54 ng

RT: 19.63 min Scan# 1737

Delta R.T. 0.00 min

Lab File: BM001058.D

Acq: 18 Apr 2015 13:59

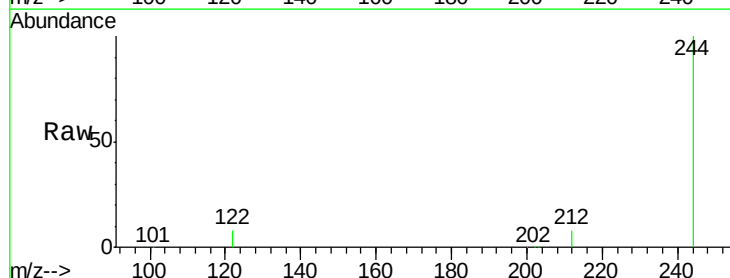
Tgt Ion:244 Resp: 77585

Ion Ratio Lower Upper

244 100

212 8.5 7.1 10.7

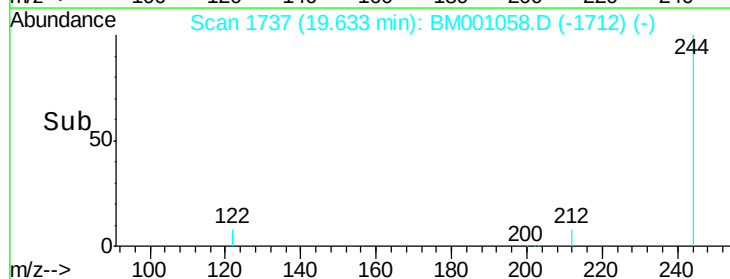
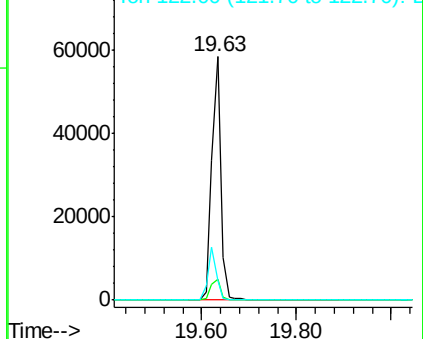
122 8.0 5.9 8.9

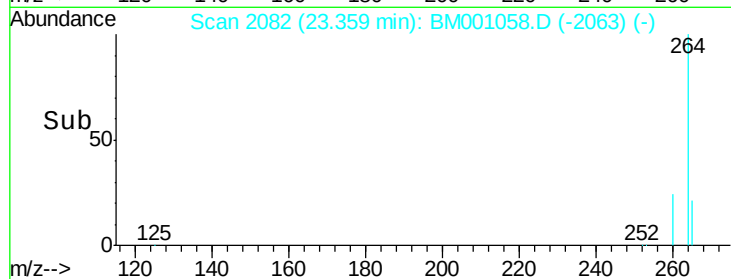
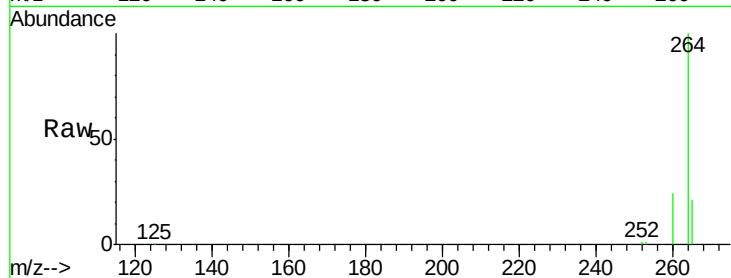
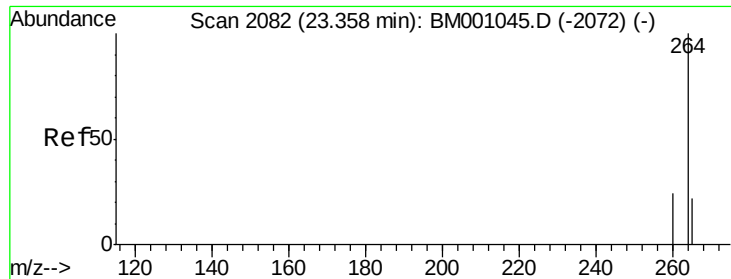


Abundance Ion 244.00 (243.70 to 244.70): E

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: BM001058.D
 Acq: 18 Apr 2015 13:59

Instrument :
 BNA_M
 ClientSampleId :
 S39-0075

Tot Ion: 264 Resp: 81064
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.0 28.6
 265 21.3 17.9 26.9

