

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040815\
 Data File : BM000906.D
 Acq On : 08 Apr 2015 13:16
 Operator : TP/IZ
 Sample : G1742-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-1

Quant Time: Apr 09 10:43:21 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

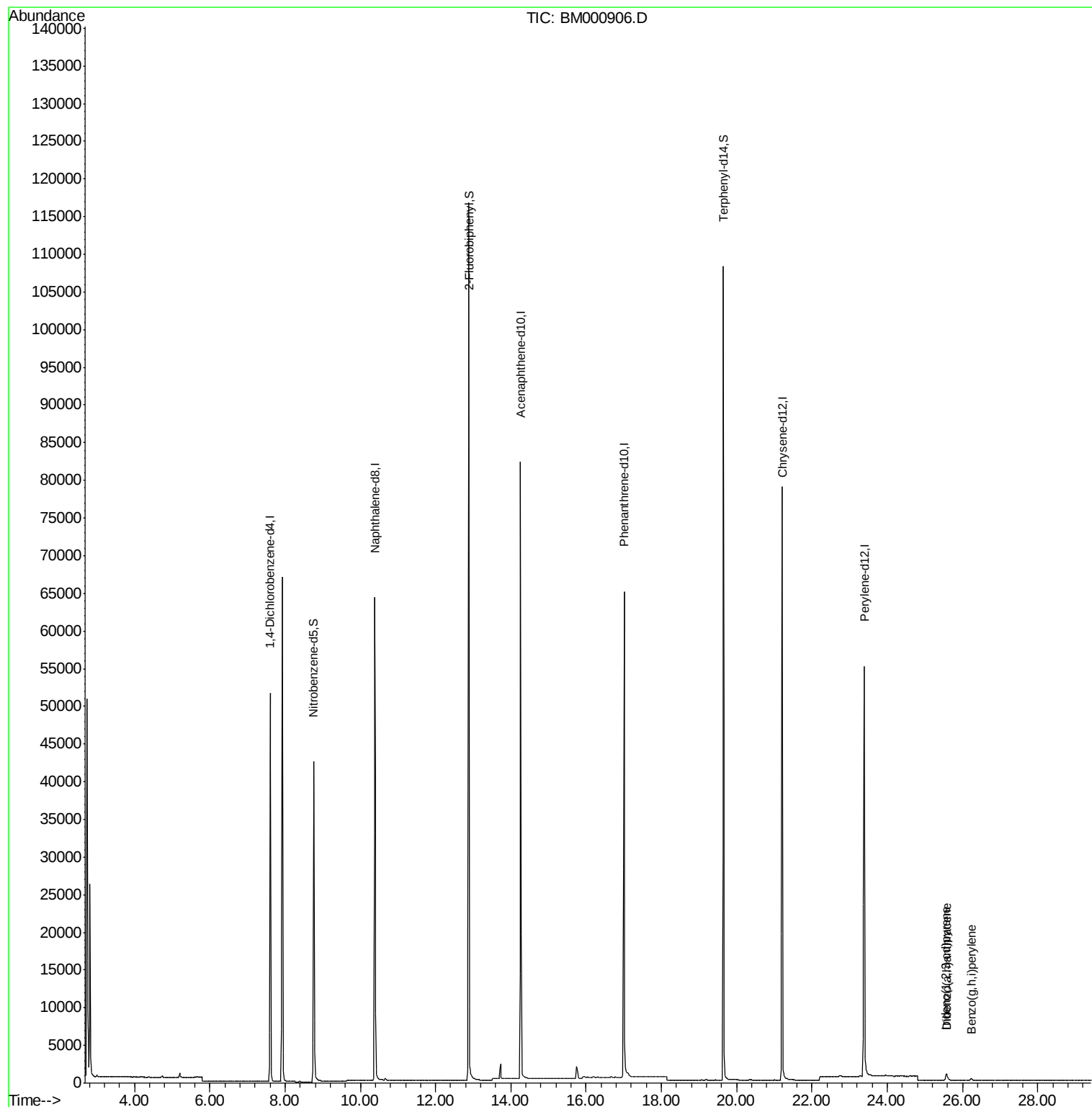
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	25480	5.00	ng	-0.01
4) Naphthalene-d8	10.39	136	88801	5.00	ng	-0.01
8) Acenaphthene-d10	14.26	164	45653	5.00	ng	-0.02
13) Phenanthrene-d10	17.01	188	99109	5.00	ng	0.00
19) Chrysene-d12	21.21	240	85212	5.00	ng	0.00
25) Perylene-d12	23.39	264	76417	5.00	ng	-0.01
System Monitoring Compounds						
5) Nitrobenzene-d5	8.76	82	37026	6.82	ng	-0.01
9) 2-Fluorobiphenyl	12.88	172	116828	8.25	ng	-0.01
21) Terphenyl-d14	19.65	244	108530	10.58	ng	-0.01
Target Compounds						Qvalue
24) Indeno(1,2,3-cd)pyrene	25.57	276	1051	0.04	ng	96
29) Dibenzo(a,h)anthracene	25.58	278	1173	0.06	ng	# 58
30) Benzo(g,h,i)perylene	26.24	276	542	0.02	ng	# 60

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

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Quant Time: Apr 09 10:43:21 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# 918

Delta R.T. -0.01 min

Lab File: BM000906.D

Acq: 08 Apr 2015 13:16

Instrument :

BNA_M

ClientSampleId :

MW-1

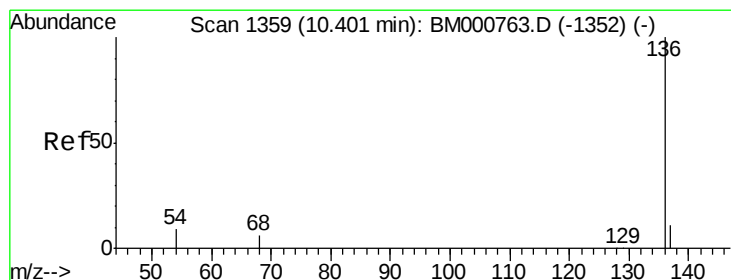
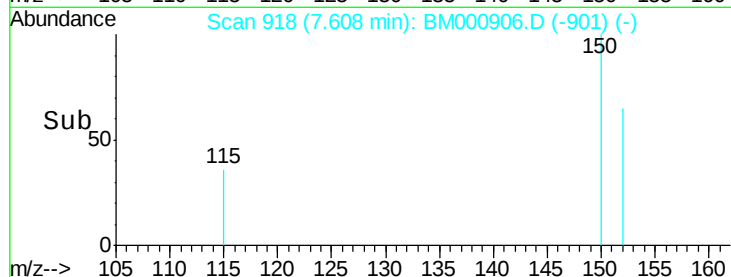
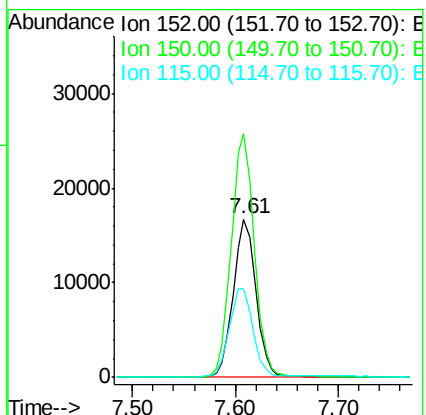
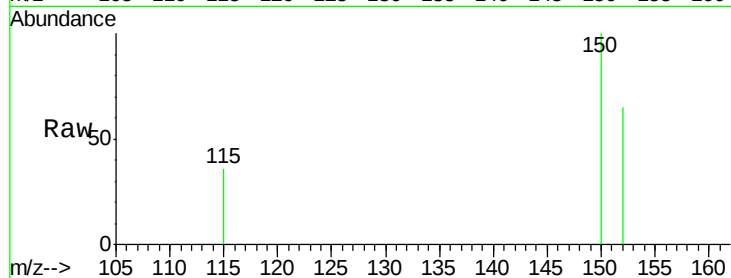
Tgt Ion:152 Resp: 25480

Ion Ratio Lower Upper

152 100

150 154.2 120.8 181.2

115 56.0 42.7 64.1



#4

Naphthalene-d8

Concen: 5.00 ng

RT: 10.39 min Scan# 1358

Delta R.T. -0.01 min

Lab File: BM000906.D

Acq: 08 Apr 2015 13:16

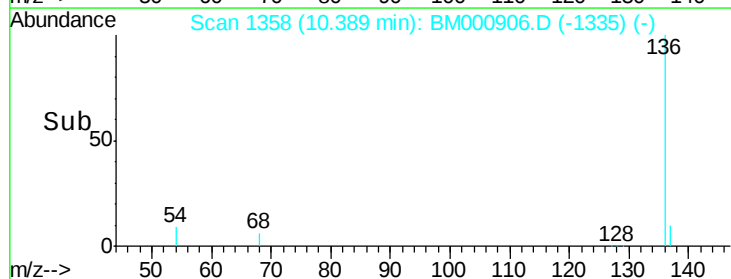
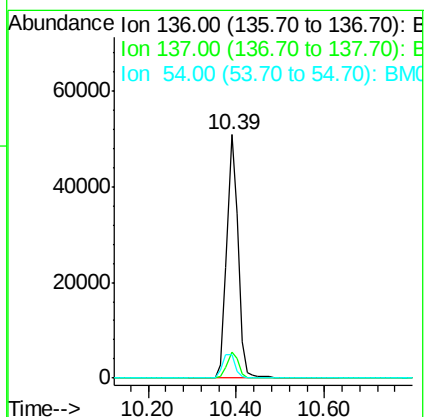
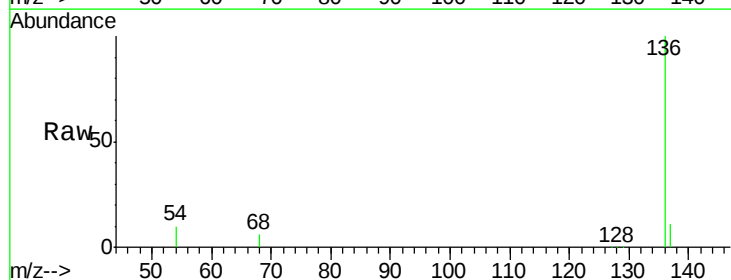
Tgt Ion:136 Resp: 88801

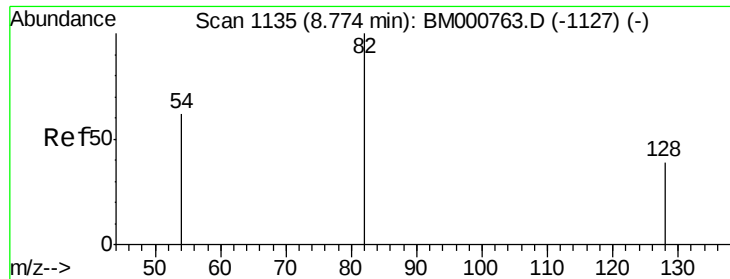
Ion Ratio Lower Upper

136 100

137 10.5 8.6 12.8

54 9.5 7.0 10.6





#5

Nitrobenzene-d5

Concen: 6.82 ng

RT: 8.76 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BM000906.D

Acq: 08 Apr 2015 13:16

Instrument :

BNA_M

ClientSampleId :

MW-1

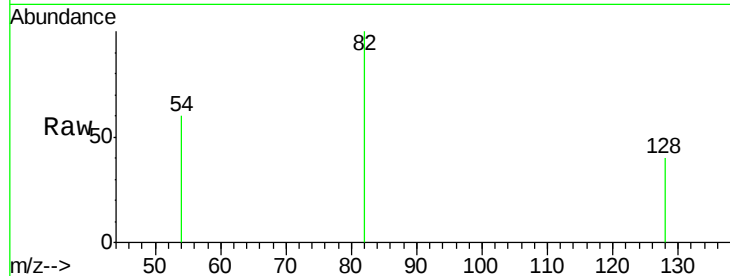
Tgt Ion: 82 Resp: 37026

Ion Ratio Lower Upper

82 100

128 40.2 32.2 48.2

54 60.0 50.2 75.4

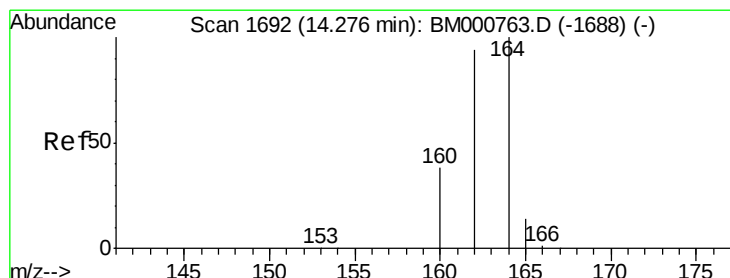
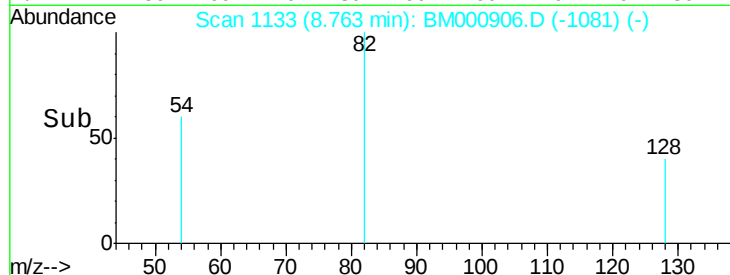


Abundance Ion 82.00 (81.70 to 82.70): BM000906.D (-1081) (-)

Ion 128.00 (127.70 to 128.70): BM000906.D (-1081) (-)

Ion 54.00 (53.70 to 54.70): BM000906.D (-1081) (-)

Time-->



#8

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.26 min Scan# 1691

Delta R.T. -0.02 min

Lab File: BM000906.D

Acq: 08 Apr 2015 13:16

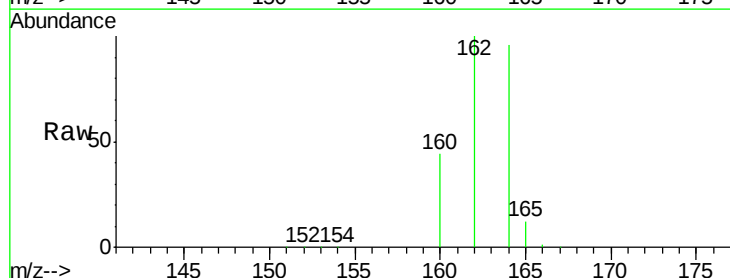
Tgt Ion: 164 Resp: 45653

Ion Ratio Lower Upper

164 100

162 104.6 75.4 113.2

160 46.5 30.8 46.2#

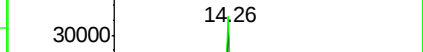
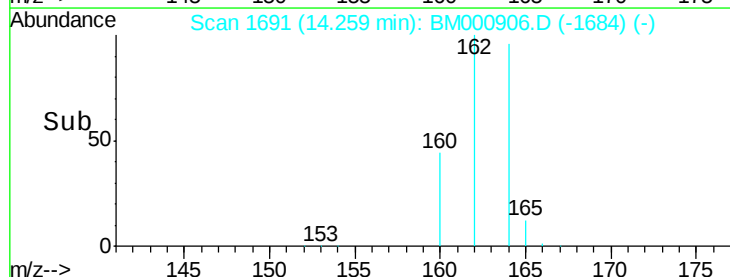


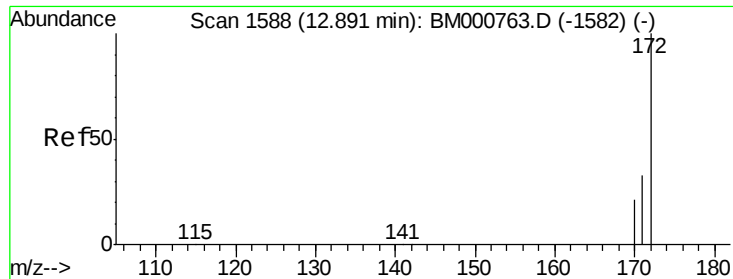
Abundance Ion 164.00 (163.70 to 164.70): BM000906.D (-1684) (-)

Ion 162.00 (161.70 to 162.70): BM000906.D (-1684) (-)

Ion 160.00 (159.70 to 160.70): BM000906.D (-1684) (-)

Time-->





#9

2-Fluorobiphenyl

Concen: 8.25 ng

RT: 12.88 min Scan# 1587

Delta R.T. -0.01 min

Lab File: BM000906.D

Acq: 08 Apr 2015 13:16

Instrument :

BNA_M

ClientSampleId :

MW-1

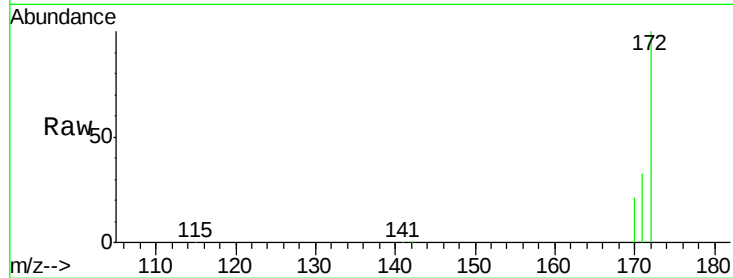
Tgt Ion:172 Resp: 116828

Ion Ratio Lower Upper

172 100

171 32.8 26.6 39.8

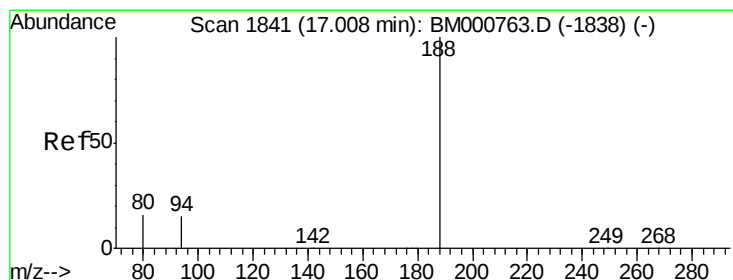
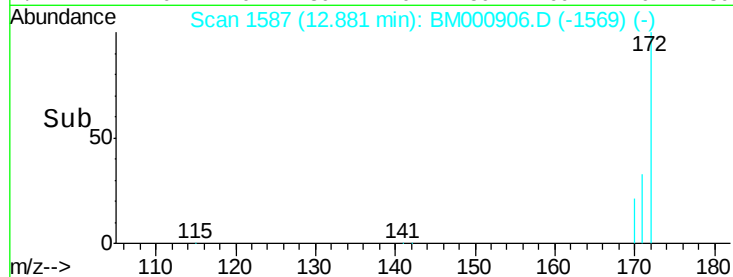
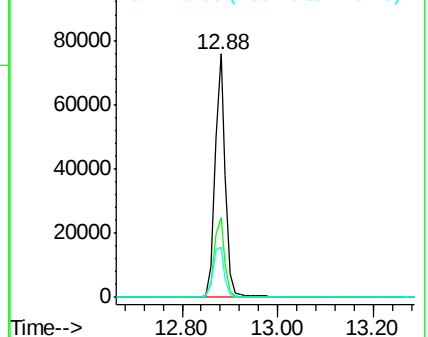
170 20.7 17.1 25.7



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: BM000906.D

Acq: 08 Apr 2015 13:16

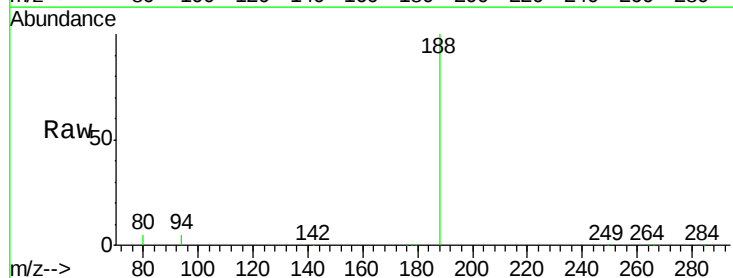
Tgt Ion:188 Resp: 99109

Ion Ratio Lower Upper

188 100

94 5.1 12.0 18.0#

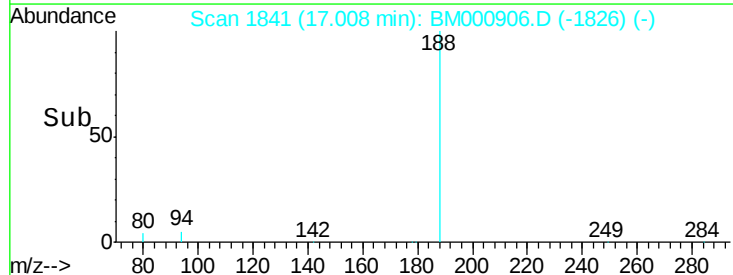
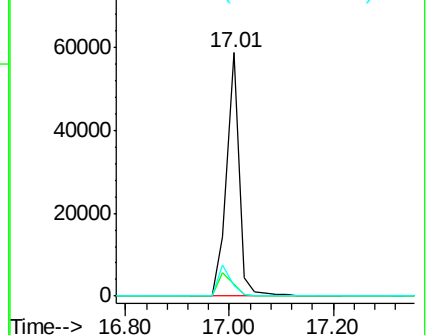
80 4.6 12.8 19.2#

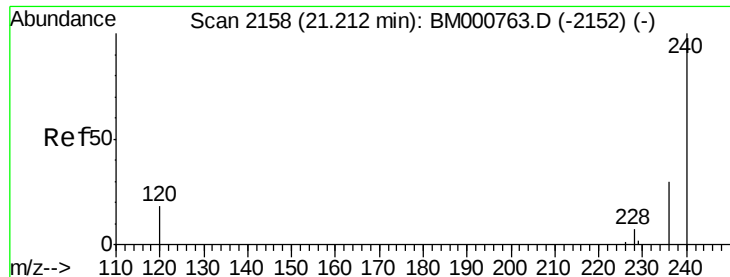


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM





#19

Chrysene-d12

Concen: 5.00 ng

RT: 21.21 min Scan# 2158

Delta R.T. 0.00 min

Lab File: BM000906.D

Acq: 08 Apr 2015 13:16

Instrument :

BNA_M

ClientSampleId :

MW-1

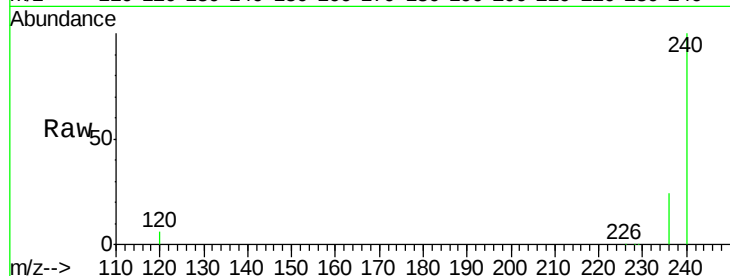
Tgt Ion:240 Resp: 85212

Ion Ratio Lower Upper

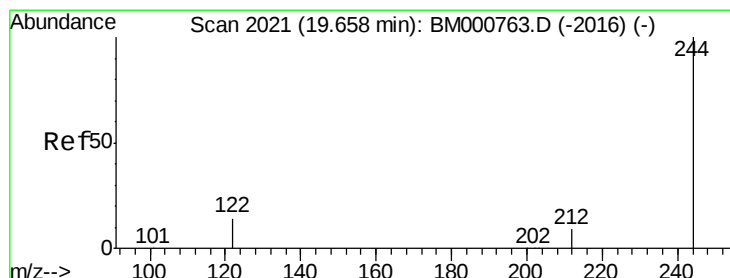
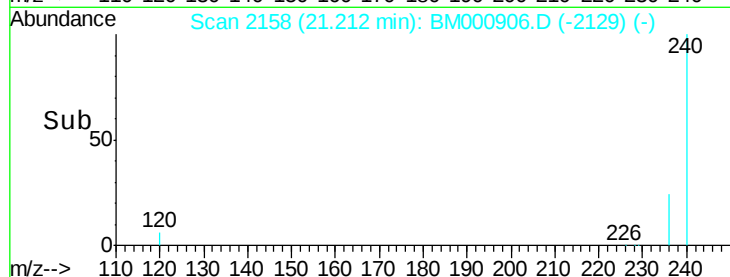
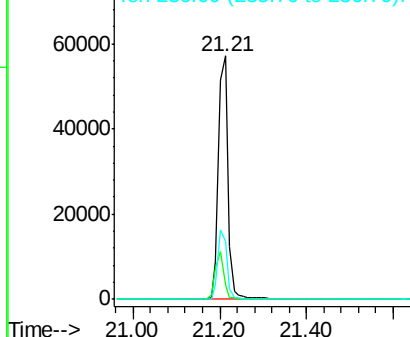
240 100

120 5.7 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: 10.58 ng

RT: 19.65 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BM000906.D

Acq: 08 Apr 2015 13:16

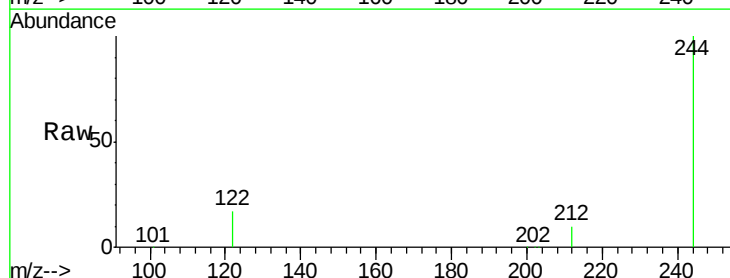
Tgt Ion:244 Resp: 108530

Ion Ratio Lower Upper

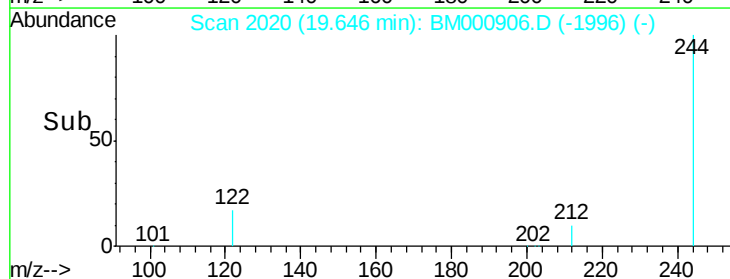
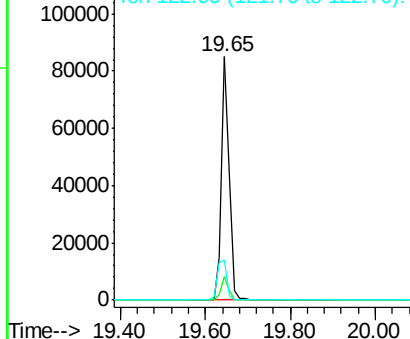
244 100

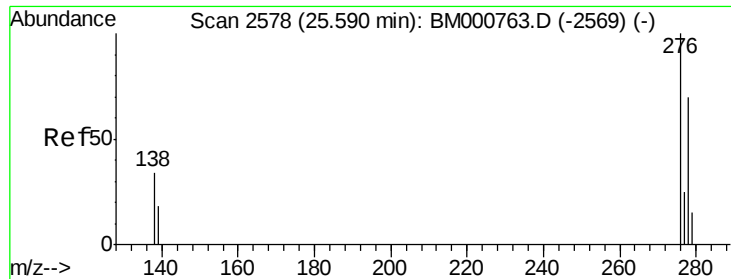
212 9.7 7.8 11.6

122 16.7 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





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.04 ng

RT: 25.57 min Scan# 2576

Delta R.T. -0.02 min

Lab File: BM000906.D

Acq: 08 Apr 2015 13:16

Instrument :

BNA_M

ClientSampleId :

MW-1

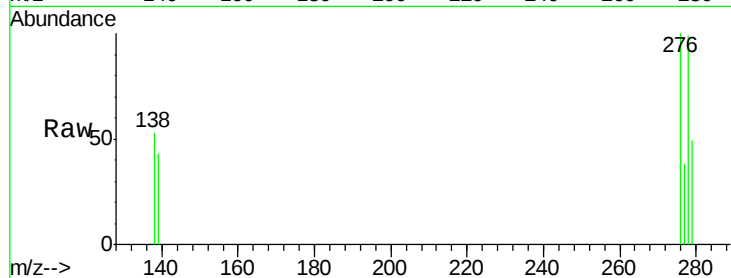
Tgt Ion:276 Resp: 1051

Ion Ratio Lower Upper

276 100

138 37.2 27.4 41.2

277 23.6 19.7 29.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

25.57

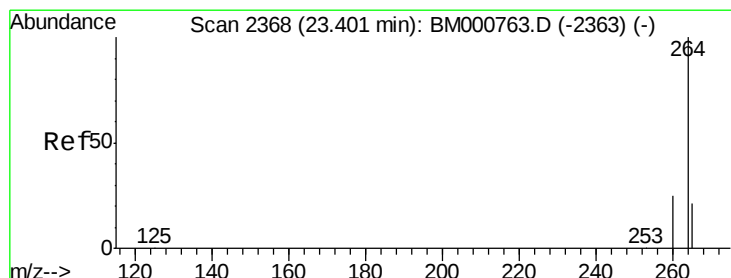
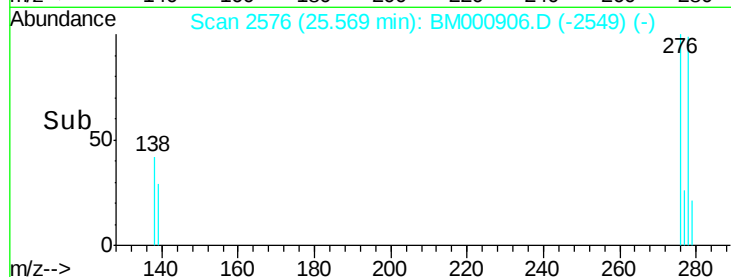
300

200

100

0

Time-->



#25

Perylene-d12

Concen: 5.00 ng

RT: 23.39 min Scan# 2367

Delta R.T. -0.01 min

Lab File: BM000906.D

Acq: 08 Apr 2015 13:16

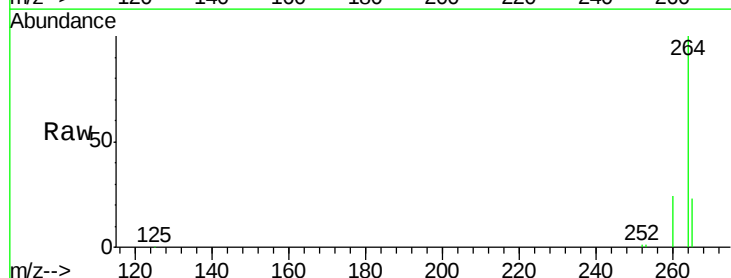
Tgt Ion:264 Resp: 76417

Ion Ratio Lower Upper

264 100

260 23.6 20.1 30.1

265 22.7 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

23.39

50000

40000

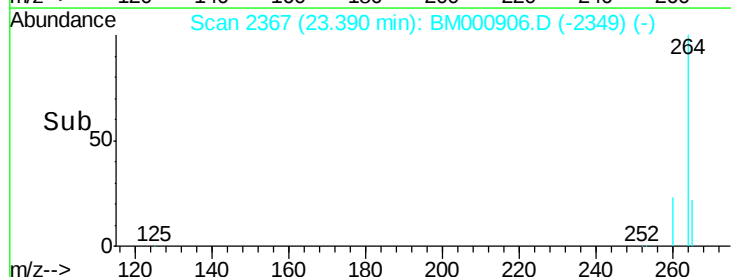
30000

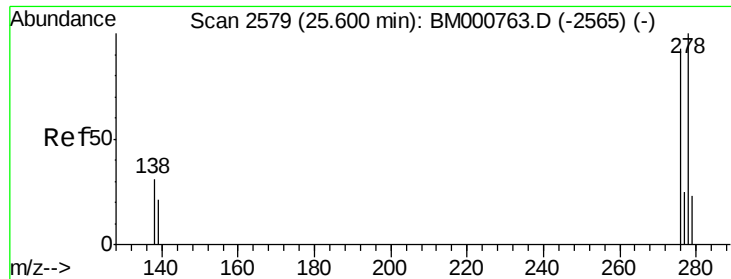
20000

10000

0

Time-->





#29

Dibenzo(a,h)anthracene

Concen: 0.06 ng

RT: 25.58 min Scan# 2577

Delta R.T. -0.02 min

Lab File: BM000906.D

Acq: 08 Apr 2015 13:16

Instrument :

BNA_M

ClientSampleId :

MW-1

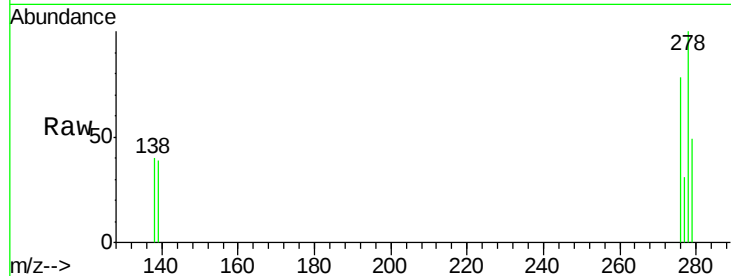
Tgt Ion: 278 Resp: 1173

Ion Ratio Lower Upper

278 100

139 38.8 17.8 26.6#

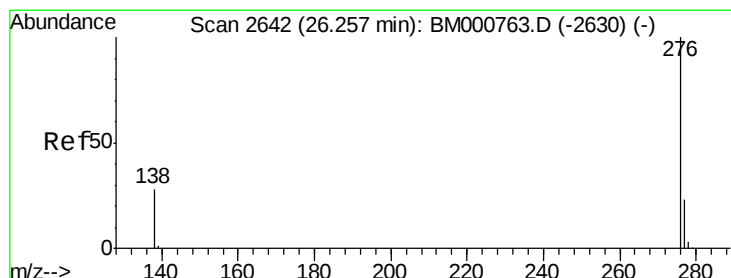
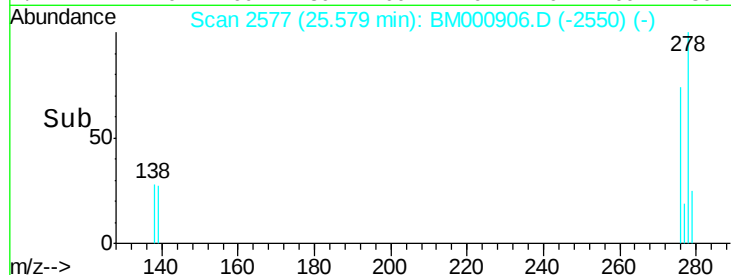
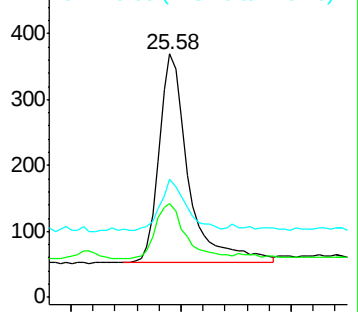
279 48.5 19.3 28.9#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#30

Benzo(g,h,i)perylene

Concen: 0.02 ng

RT: 26.24 min Scan# 2640

Delta R.T. -0.02 min

Lab File: BM000906.D

Acq: 08 Apr 2015 13:16

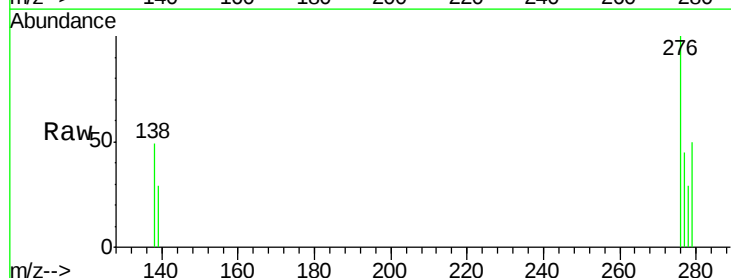
Tgt Ion: 276 Resp: 542

Ion Ratio Lower Upper

276 100

277 44.7 19.1 28.7#

138 48.7 23.1 34.7#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

