

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040115\
 Data File : BM000803.D
 Acq On : 02 Apr 2015 02:29
 Operator : TP/IZ
 Sample : G1693-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CP-1

Quant Time: Apr 02 04:37:10 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

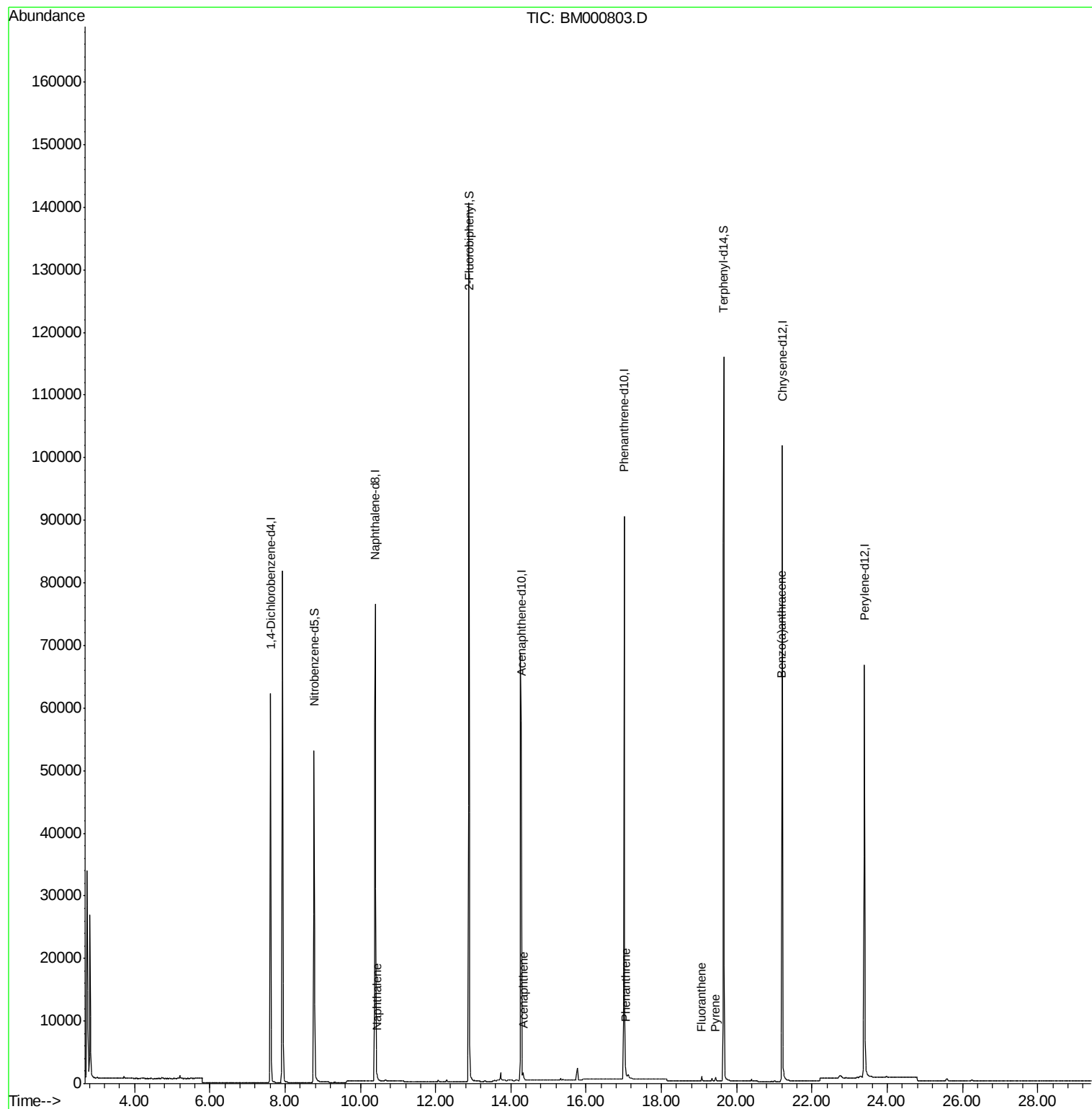
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	31080	5.00	ng	0.00
4) Naphthalene-d8	10.40	136	105503	5.00	ng	0.00
8) Acenaphthene-d10	14.28	164	50747	5.00	ng	0.00
13) Phenanthrene-d10	17.01	188	112034	5.00	ng	0.00
19) Chrysene-d12	21.21	240	94068	5.00	ng	0.00
25) Perylene-d12	23.39	264	87141	5.00	ng	-0.01
System Monitoring Compounds						
5) Nitrobenzene-d5	8.77	82	46627	7.22	ng	0.00
9) 2-Fluorobiphenyl	12.89	172	151385	9.62	ng	0.00
21) Terphenyl-d14	19.66	244	130236	11.51	ng	0.00
Target Compounds						Qvalue
6) Naphthalene	10.45	128	669	0.03	ng	# 73
11) Acenaphthene	14.33	154	488	0.03	ng	# 92
16) Phenanthrene	17.05	178	1252	0.04	ng	# 92
18) Fluoranthene	19.08	202	776	0.03	ng	# 96
20) Pyrene	19.44	202	691	0.02	ng	# 98
22) Benzo(a)anthracene	21.20	228	747	0.03	ng	# 82

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

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Instrument :
BNA_M
ClientSampleId :
CP-1

Quant Time: Apr 02 04:37:10 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: BM000803.D

Acq: 02 Apr 2015 02:29

Instrument :

BNA_M

ClientSampleId :

CP-1

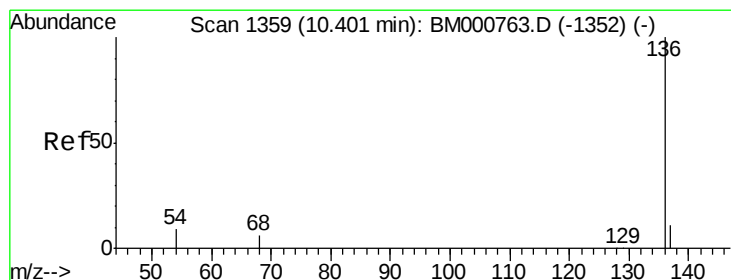
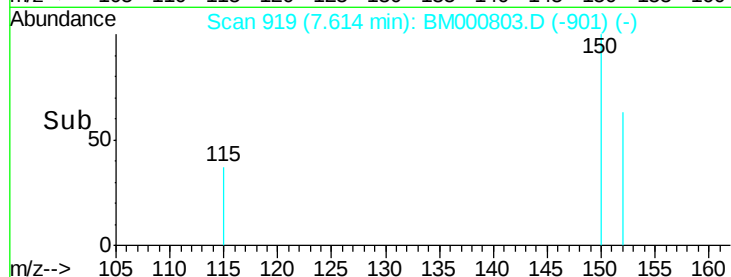
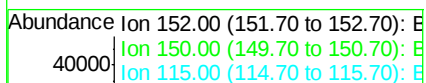
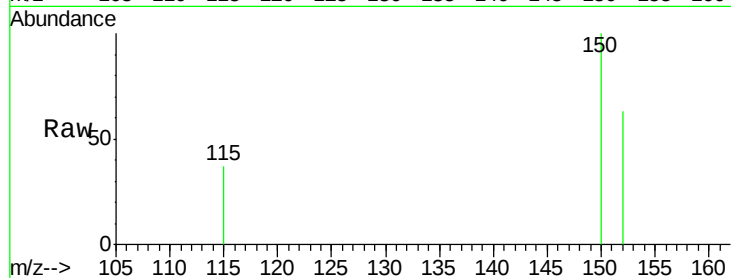
Tgt Ion:152 Resp: 31080

Ion Ratio Lower Upper

152 100

150 159.2 120.8 181.2

115 58.8 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: BM000803.D

Acq: 02 Apr 2015 02:29

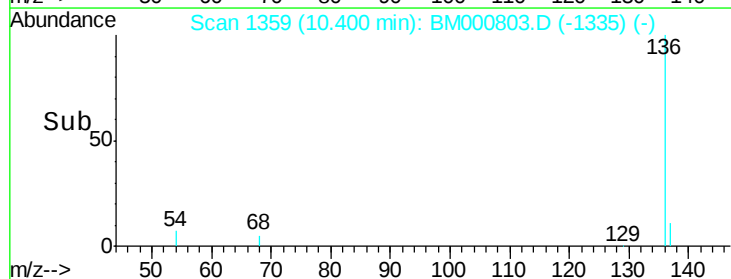
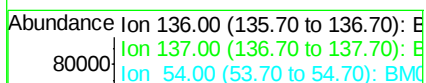
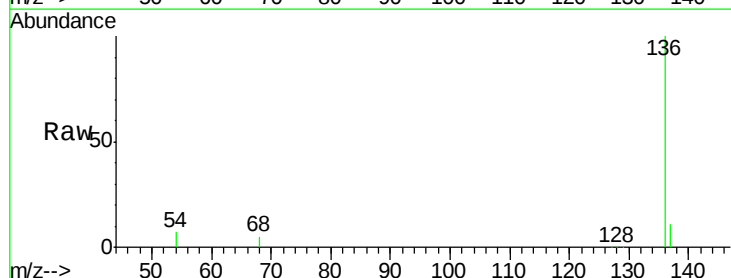
Tgt Ion:136 Resp: 105503

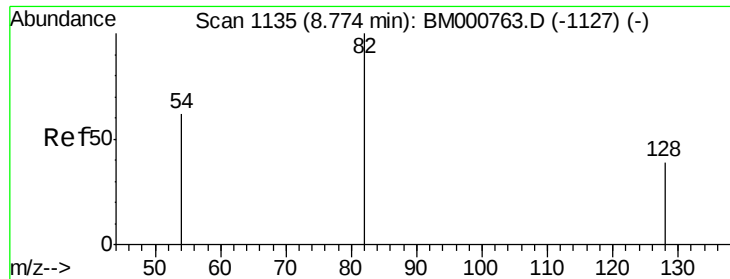
Ion Ratio Lower Upper

136 100

137 11.0 8.6 12.8

54 7.0 7.0 10.6#





#5

Nitrobenzene-d5

Concen: 7.22 ng

RT: 8.77 min Scan# 1134

Delta R.T. -0.00 min

Lab File: BM000803.D

Acq: 02 Apr 2015 02:29

Instrument :

BNA_M

ClientSampleId :

CP-1

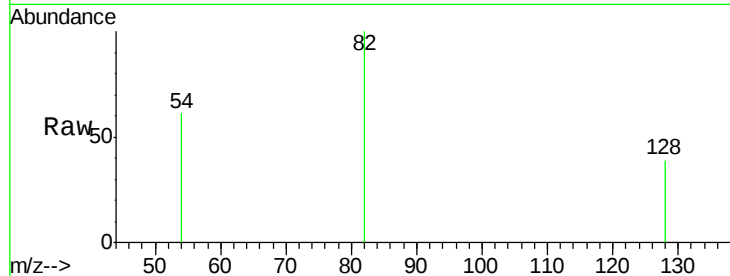
Tgt Ion: 82 Resp: 46627

Ion Ratio Lower Upper

82 100

128 39.2 32.2 48.2

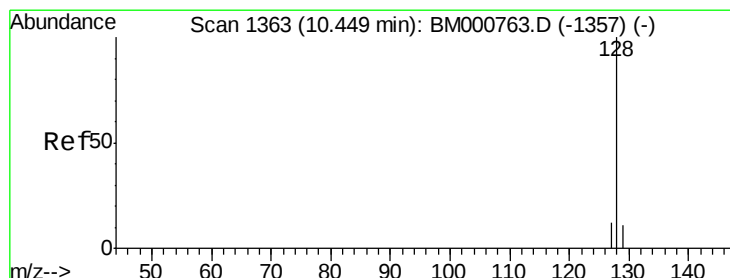
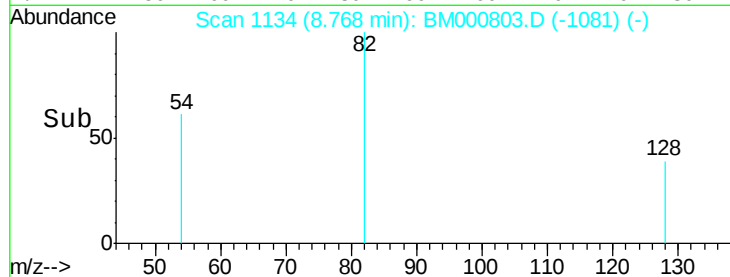
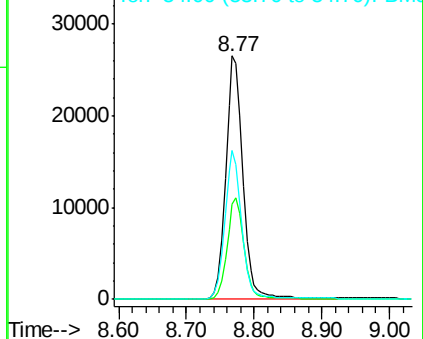
54 61.2 50.2 75.4



Abundance Ion 82.00 (81.70 to 82.70): BM000803.D (-1081) (-)

Ion 128.00 (127.70 to 128.70): BM000803.D (-1081) (-)

Ion 54.00 (53.70 to 54.70): BM000803.D (-1081) (-)



#6

Naphthalene

Concen: 0.03 ng

RT: 10.45 min Scan# 1363

Delta R.T. -0.00 min

Lab File: BM000803.D

Acq: 02 Apr 2015 02:29

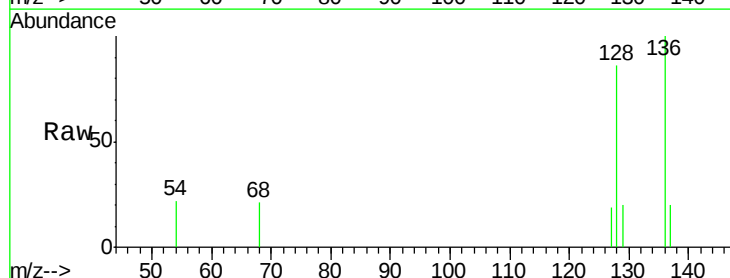
Tgt Ion: 128 Resp: 669

Ion Ratio Lower Upper

128 100

129 22.7 8.9 13.3#

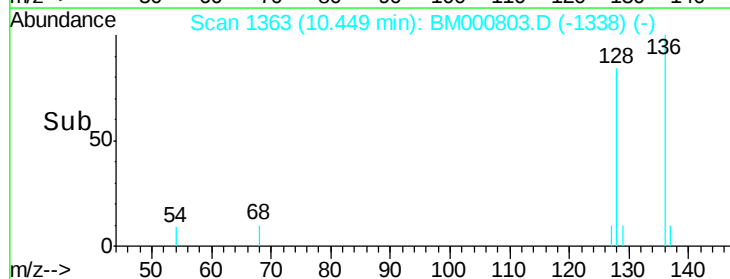
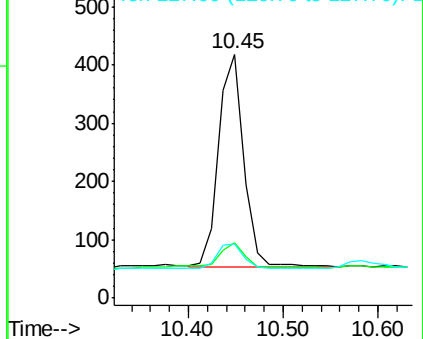
127 22.0 10.0 15.0#

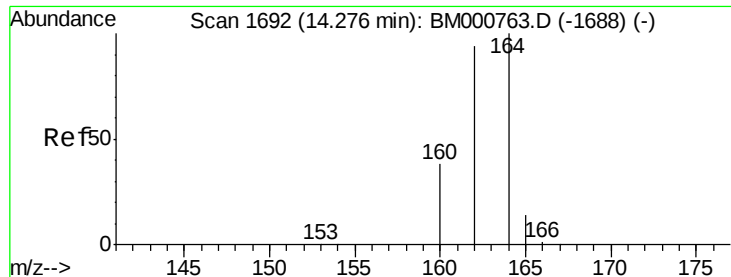


Abundance Ion 128.00 (127.70 to 128.70): BM000803.D (-1338) (-)

Ion 129.00 (128.70 to 129.70): BM000803.D (-1338) (-)

Ion 127.00 (126.70 to 127.70): BM000803.D (-1338) (-)





#8

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.28 min Scan# 1692

Delta R.T. -0.00 min

Lab File: BM000803.D

Acq: 02 Apr 2015 02:29

Instrument :

BNA_M

ClientSampleId :

CP-1

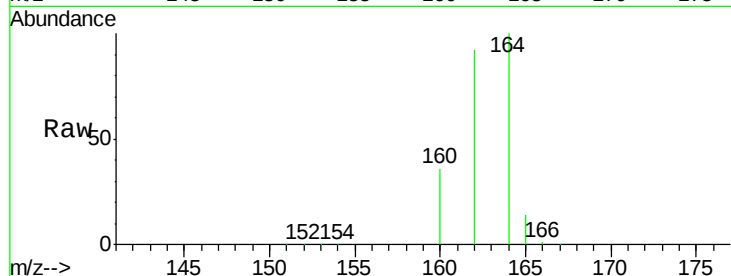
Tgt Ion:164 Resp: 50747

Ion Ratio Lower Upper

164 100

162 91.6 75.4 113.2

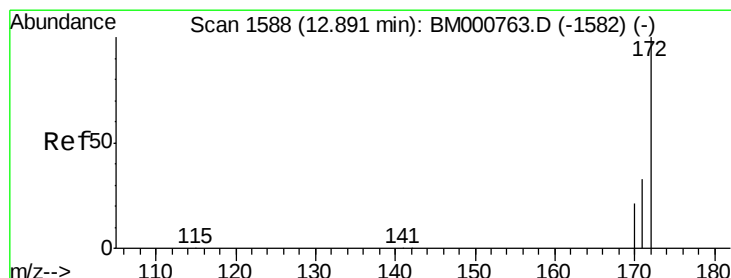
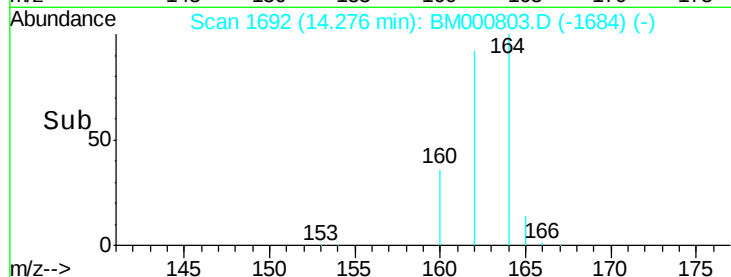
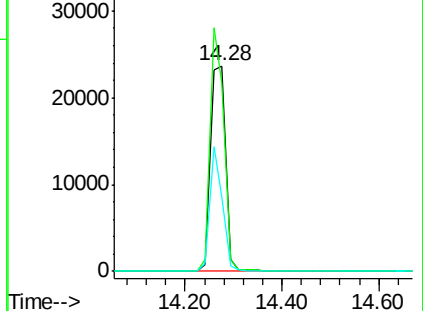
160 36.3 30.8 46.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#9

2-Fluorobiphenyl

Concen: 9.62 ng

RT: 12.89 min Scan# 1588

Delta R.T. -0.00 min

Lab File: BM000803.D

Acq: 02 Apr 2015 02:29

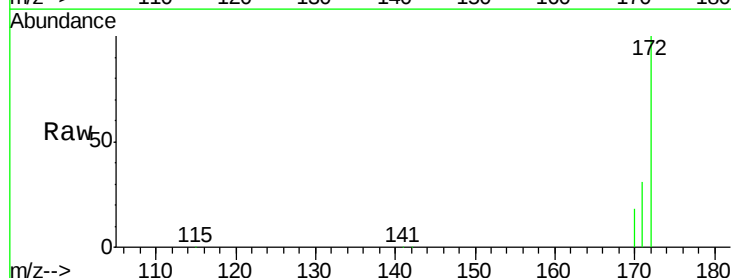
Tgt Ion:172 Resp: 151385

Ion Ratio Lower Upper

172 100

171 30.6 26.6 39.8

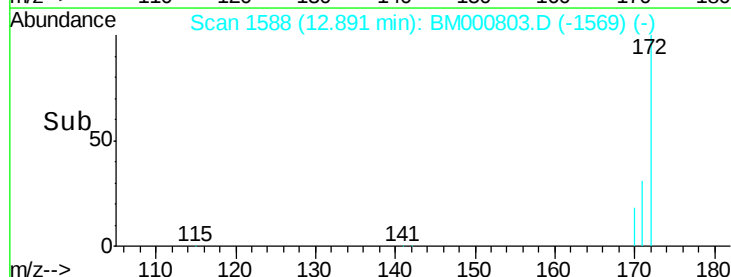
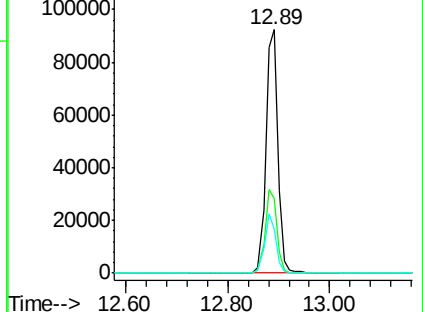
170 18.1 17.1 25.7

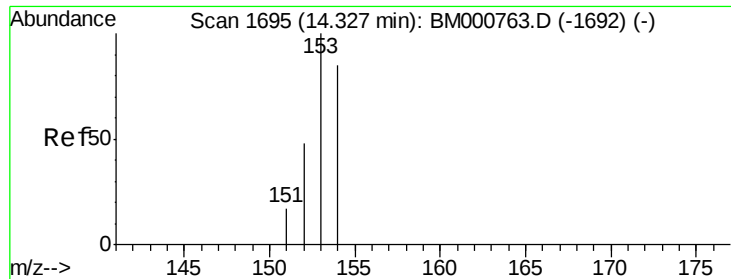


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#11

Acenaphthene

Concen: 0.03 ng

RT: 14.33 min Scan# 1695

Delta R.T. -0.00 min

Lab File: BM000803.D

Acq: 02 Apr 2015 02:29

Instrument :

BNA_M

ClientSampled :

CP-1

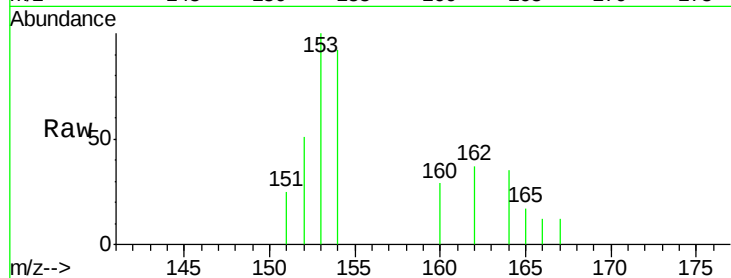
Tgt Ion:154 Resp: 488

Ion Ratio Lower Upper

154 100

153 120.3 87.3 130.9

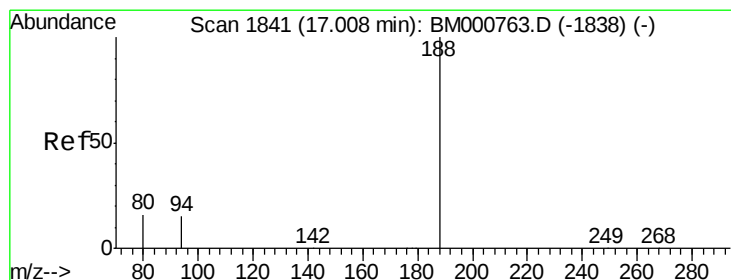
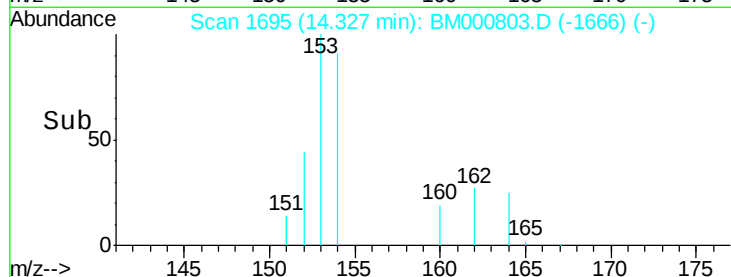
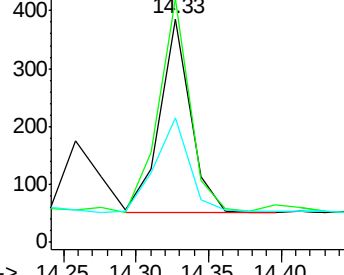
152 54.9 43.0 64.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#13

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.01 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BM000803.D

Acq: 02 Apr 2015 02:29

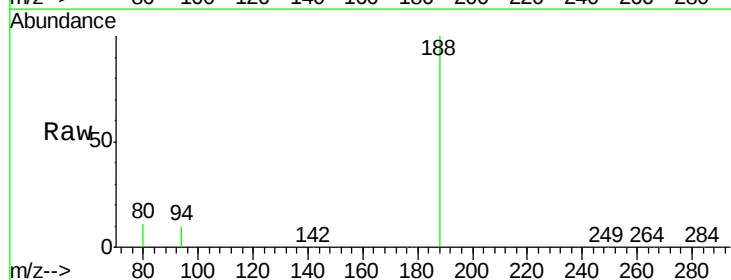
Tgt Ion:188 Resp: 112034

Ion Ratio Lower Upper

188 100

94 10.4 12.0 18.0#

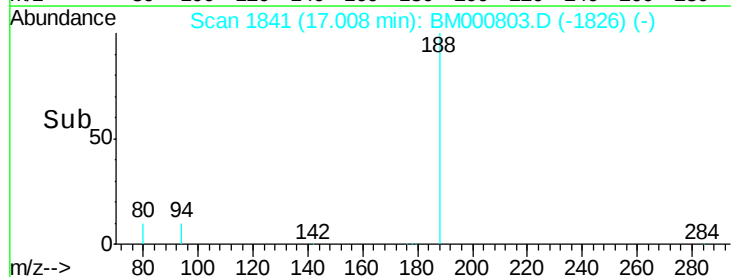
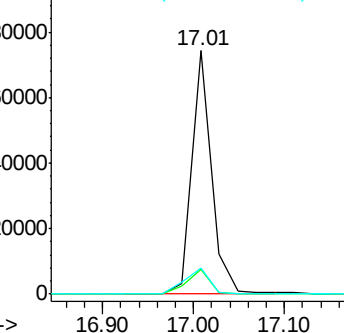
80 10.5 12.8 19.2#

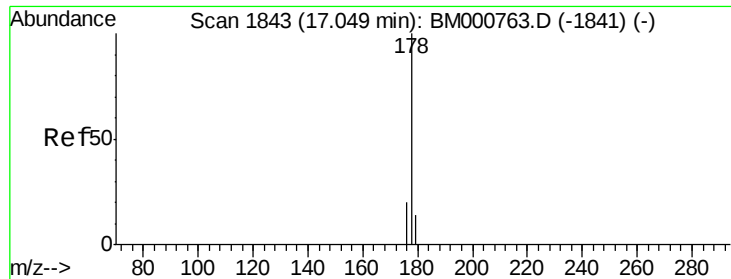


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#16

Phenanthrene

Concen: 0.04 ng

RT: 17.05 min Scan# 1843

Delta R.T. -0.00 min

Lab File: BM000803.D

Acq: 02 Apr 2015 02:29

Instrument :

BNA_M

ClientSampleId :

CP-1

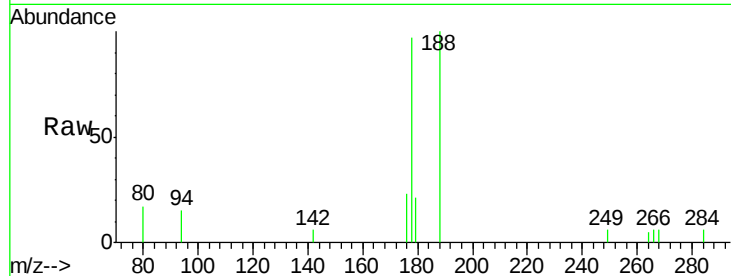
Tgt Ion:178 Resp: 1252

Ion Ratio Lower Upper

178 100

176 18.6 15.3 22.9

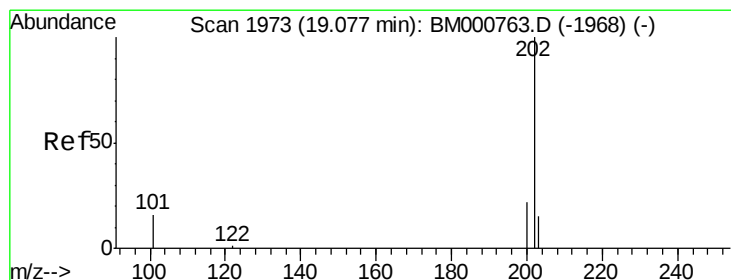
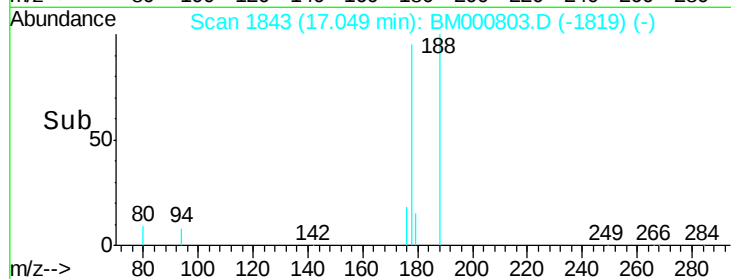
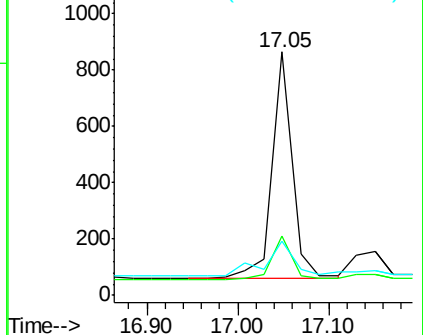
179 22.0 12.2 18.2#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#18

Fluoranthene

Concen: 0.03 ng

RT: 19.08 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BM000803.D

Acq: 02 Apr 2015 02:29

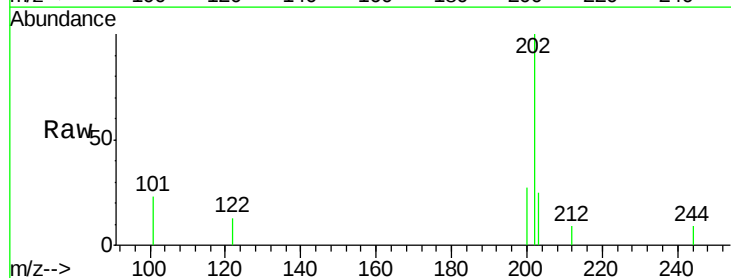
Tgt Ion:202 Resp: 776

Ion Ratio Lower Upper

202 100

101 16.0 10.5 15.7#

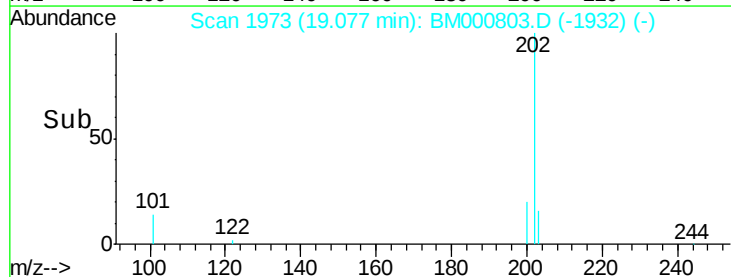
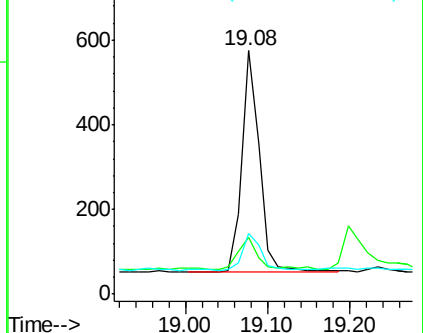
203 18.3 13.8 20.8

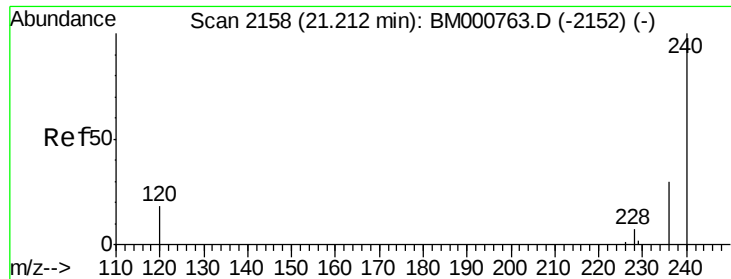


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#19

Chrysene-d12

Concen: 5.00 ng

RT: 21.21 min Scan# 2158

Delta R.T. -0.00 min

Lab File: BM000803.D

Acq: 02 Apr 2015 02:29

Instrument :

BNA_M

ClientSampleId :

CP-1

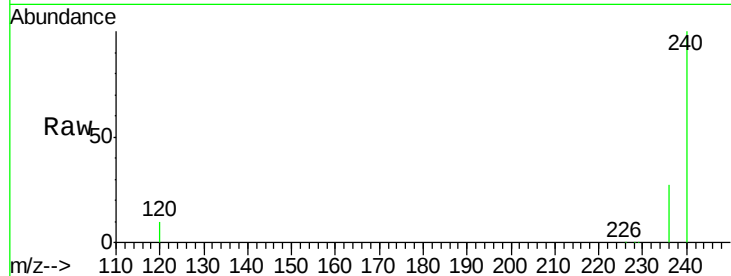
Tgt Ion:240 Resp: 94068

Ion Ratio Lower Upper

240 100

120 10.5 14.9 22.3#

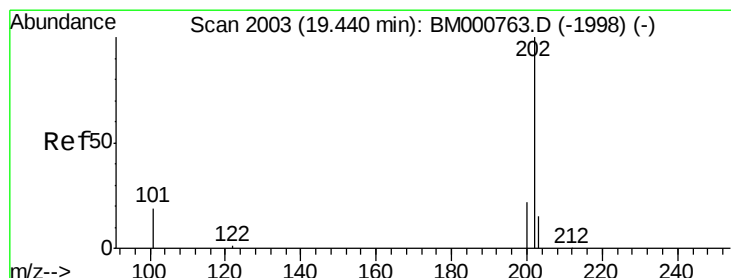
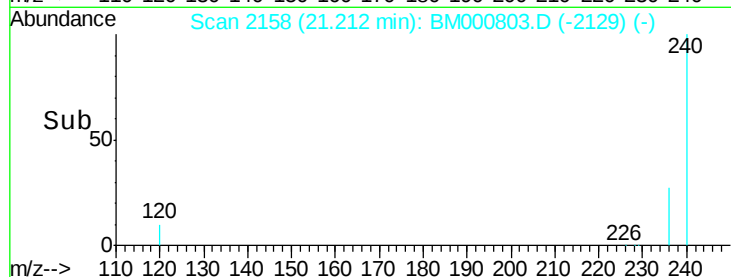
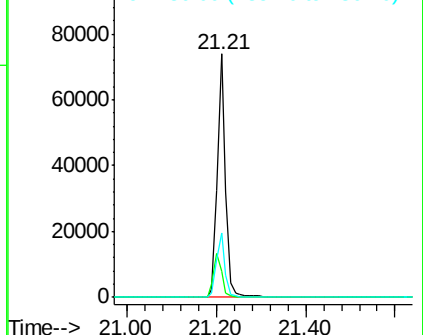
236 26.7 24.2 36.4



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



#20

Pyrene

Concen: 0.02 ng

RT: 19.44 min Scan# 2003

Delta R.T. -0.00 min

Lab File: BM000803.D

Acq: 02 Apr 2015 02:29

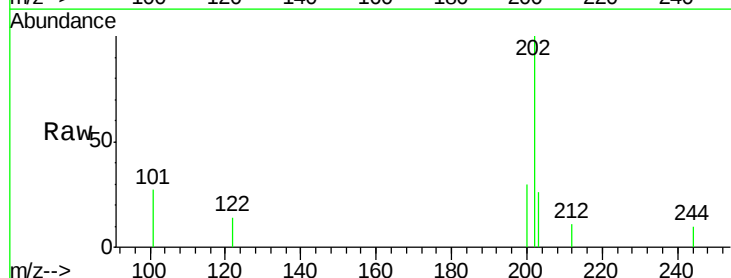
Tgt Ion:202 Resp: 691

Ion Ratio Lower Upper

202 100

200 21.3 16.2 24.2

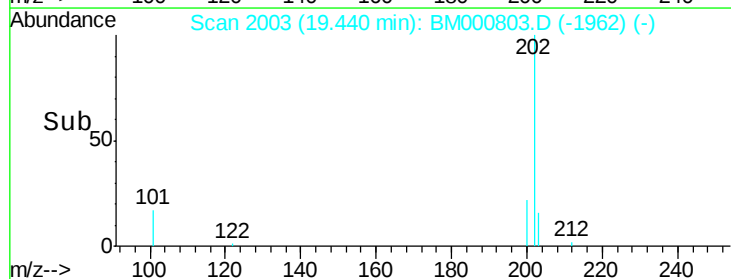
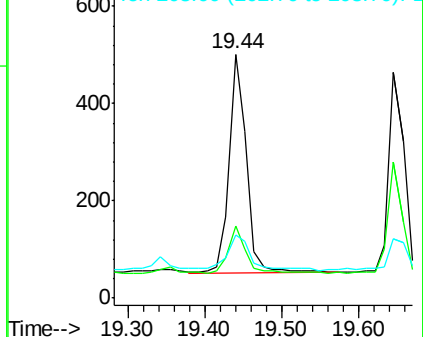
203 18.1 13.9 20.9

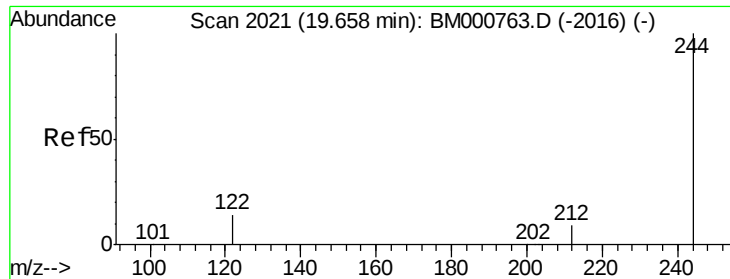


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

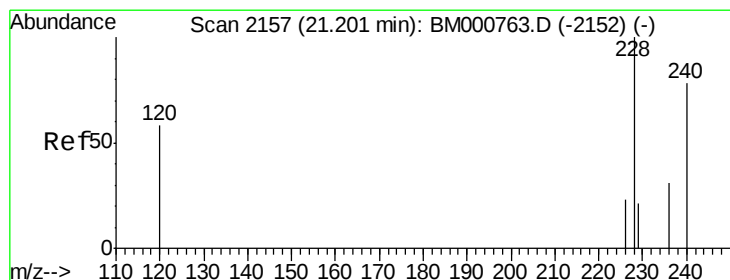
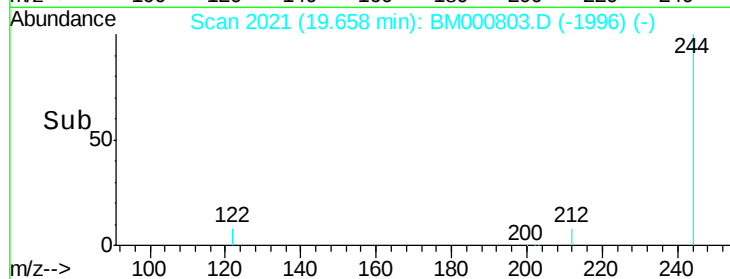
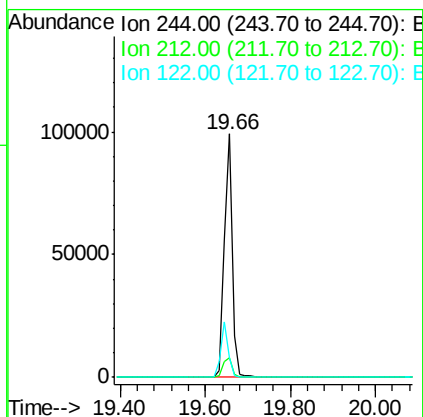
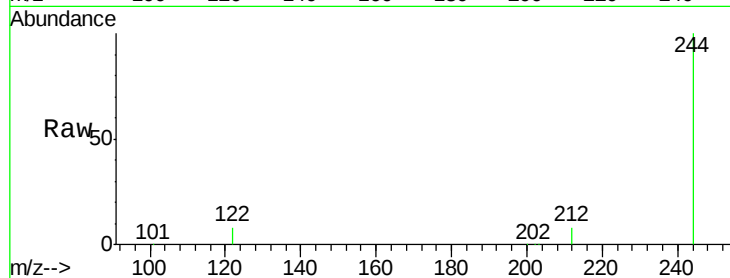




#21
 Terphenyl-d14
 Concen: 11.51 ng
 RT: 19.66 min Scan# 2021
 Delta R.T. -0.00 min
 Lab File: BM000803.D
 Acq: 02 Apr 2015 02:29

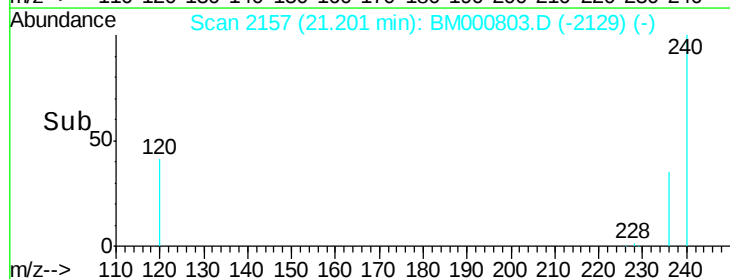
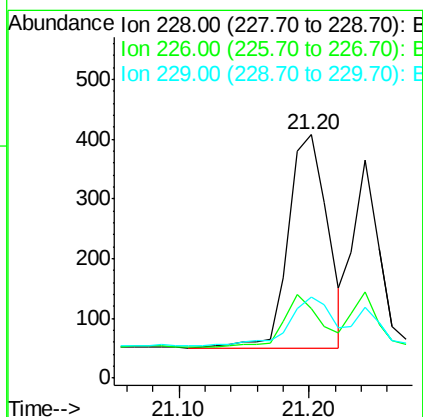
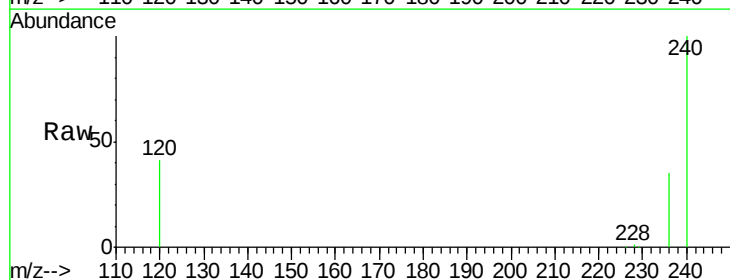
Instrument :
 BNA_M
 ClientSampleId :
 CP-1

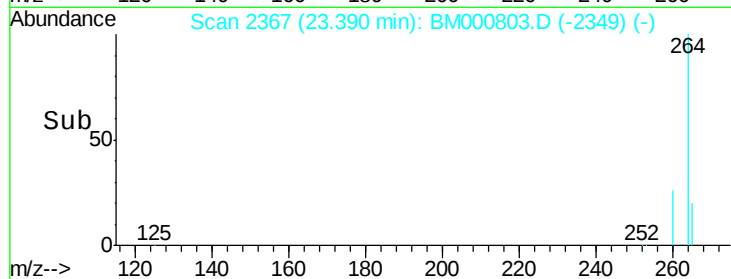
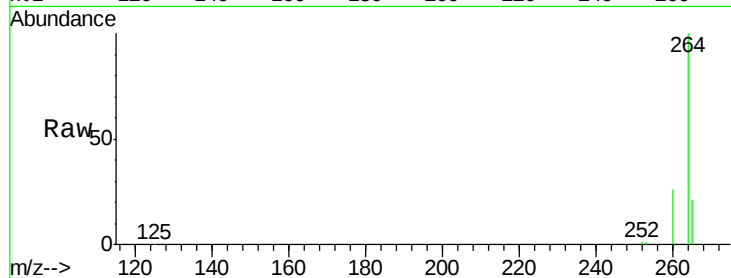
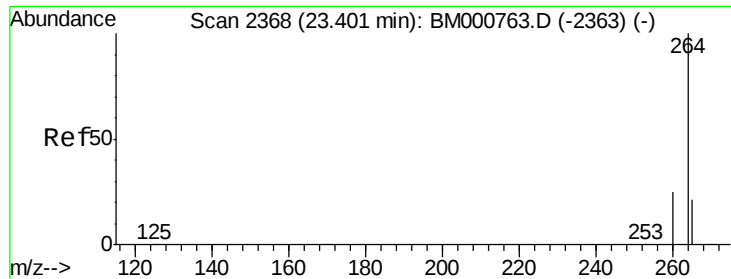
Tgt Ion: 244 Resp: 130236
 Ion Ratio Lower Upper
 244 100
 212 8.3 7.8 11.6
 122 8.1 11.8 17.8#



#22
 Benzo(a)anthracene
 Concen: 0.03 ng
 RT: 21.20 min Scan# 2157
 Delta R.T. -0.00 min
 Lab File: BM000803.D
 Acq: 02 Apr 2015 02:29

Tgt Ion: 228 Resp: 747
 Ion Ratio Lower Upper
 228 100
 226 28.7 18.6 27.8#
 229 33.1 17.2 25.8#





#25

Perylene-d12

Concen: 5.00 ng

RT: 23.39 min Scan# 2367

Delta R.T. -0.01 min

Lab File: BM000803.D

Acq: 02 Apr 2015 02:29

Instrument :

BNA_M

ClientSampleId :

CP-1

Tgt Ion:264 Resp: 87141

Ion Ratio Lower Upper

264 100

260 25.9 20.1 30.1

265 20.8 17.4 26.0

