

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040815\
 Data File : BM000922.D
 Acq On : 09 Apr 2015 11:56
 Operator : TP/IZ
 Sample : G1764-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 YT-MW-11

Quant Time: Apr 09 12:44:00 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

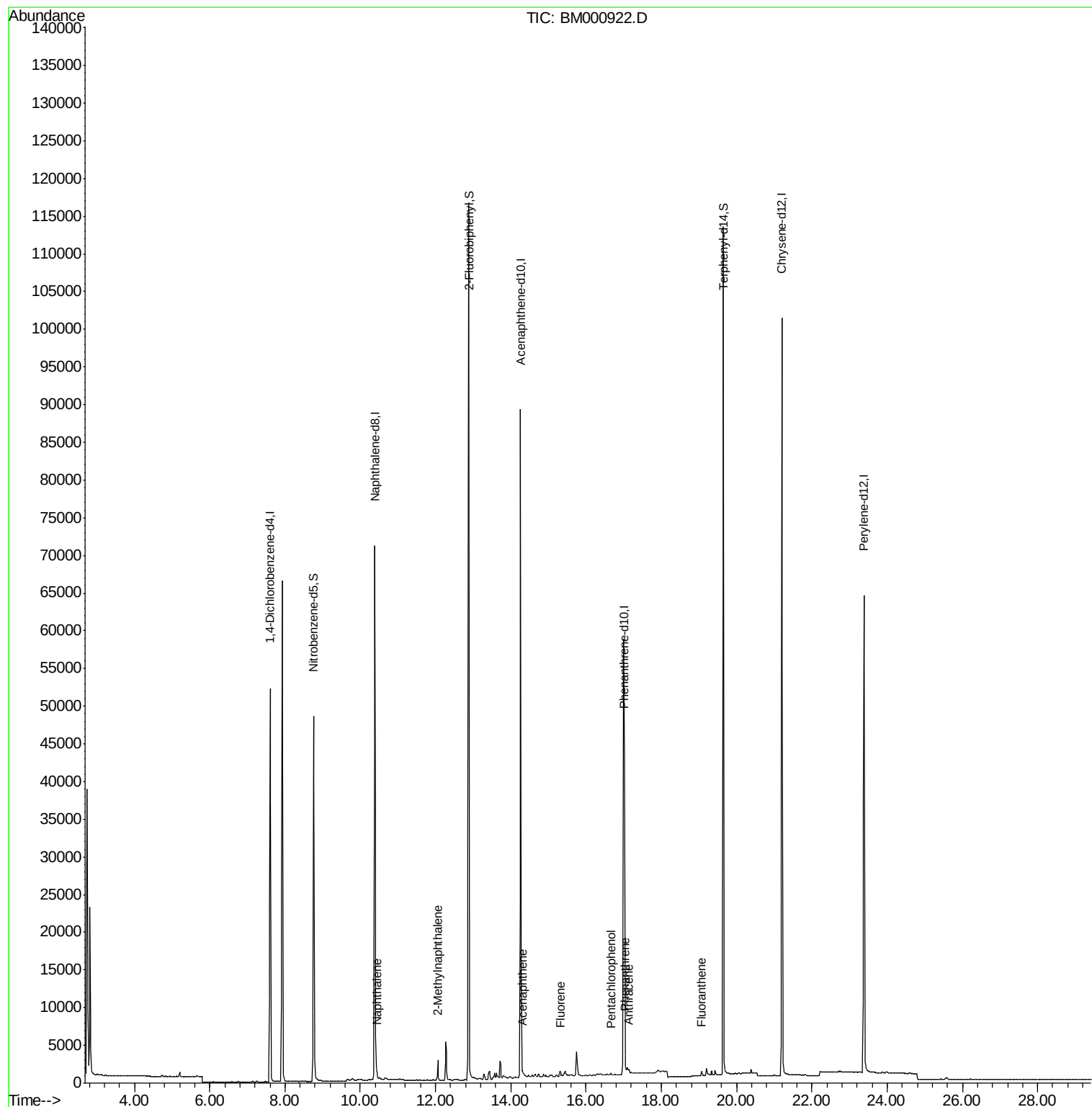
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	26587	5.00	ng	-0.01
4) Naphthalene-d8	10.39	136	94317	5.00	ng	-0.01
8) Acenaphthene-d10	14.26	164	49401	5.00	ng	-0.02
13) Phenanthrene-d10	17.01	188	103154	5.00	ng	0.00
19) Chrysene-d12	21.20	240	92080	5.00	ng	0.00
25) Perylene-d12	23.38	264	84118	5.00	ng	-0.02
System Monitoring Compounds						
5) Nitrobenzene-d5	8.76	82	41645	7.21	ng	0.00
9) 2-Fluorobiphenyl	12.88	172	124778	8.14	ng	-0.01
21) Terphenyl-d14	19.65	244	118195	10.67	ng	0.00
Target Compounds						Qvalue
6) Naphthalene	10.44	128	1287	0.06	ng	# 71
7) 2-Methylnaphthalene	12.06	142	2015	0.15	ng	97
11) Acenaphthene	14.31	154	440	0.03	ng	# 82
12) Fluorene	15.32	166	617	0.04	ng	# 81
15) Pentachlorophenol	16.66	266	180	0.48	ng	86
16) Phenanthrene	17.03	178	895	0.03	ng	# 72
17) Anthracene	17.13	178	557	0.02	ng	# 78
18) Fluoranthene	19.07	202	592	0.02	ng	# 87

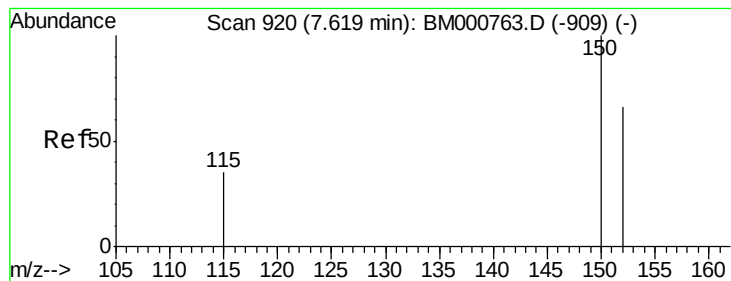
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040815\
Data File : BM000922.D
Acq On : 09 Apr 2015 11:56
Operator : TP/IZ
Sample : G1764-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
YT-MW-11

Quant Time: Apr 09 12:44:00 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: BM000922.D

Acq: 09 Apr 2015 11:56

Instrument :

BNA_M

ClientSampleId :

YT-MW-11

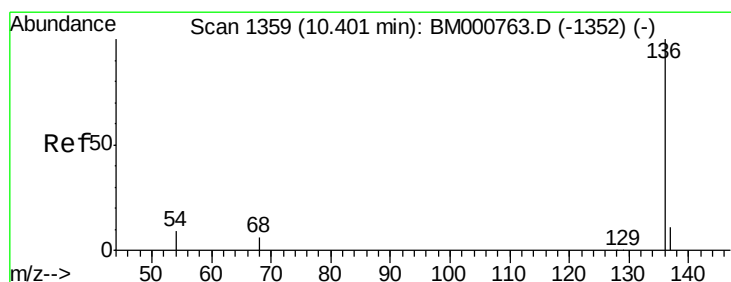
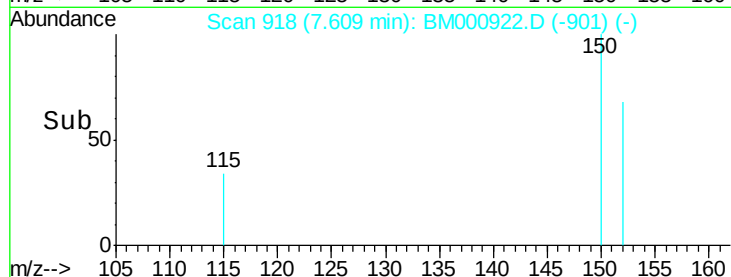
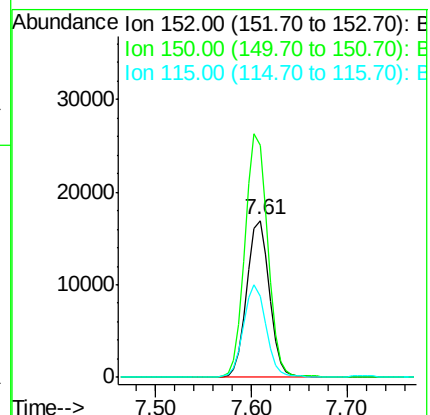
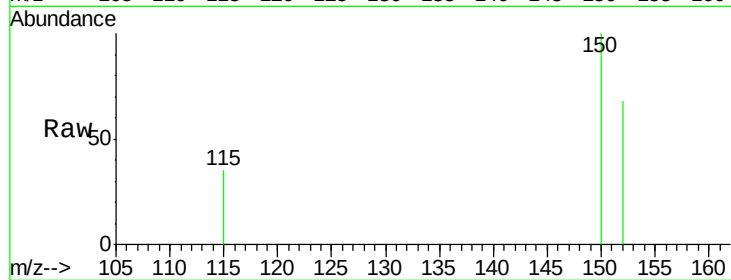
Tgt Ion:152 Resp: 26587

Ion Ratio Lower Upper

152 100

150 147.9 120.8 181.2

115 51.3 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: BM000922.D

Acq: 09 Apr 2015 11:56

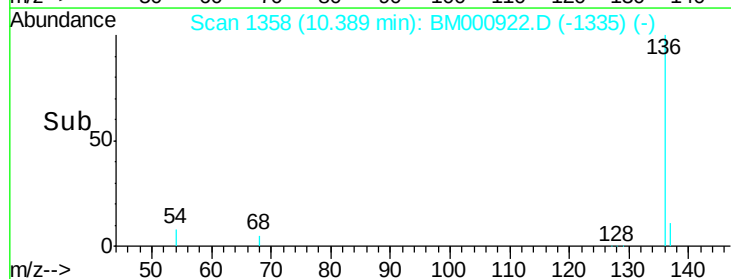
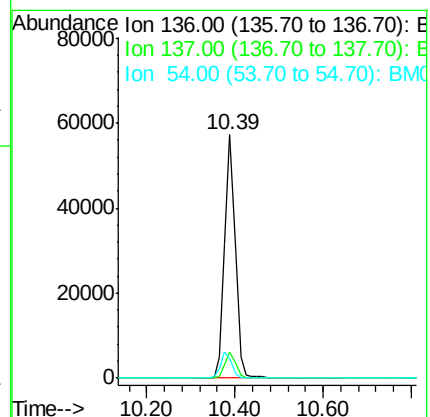
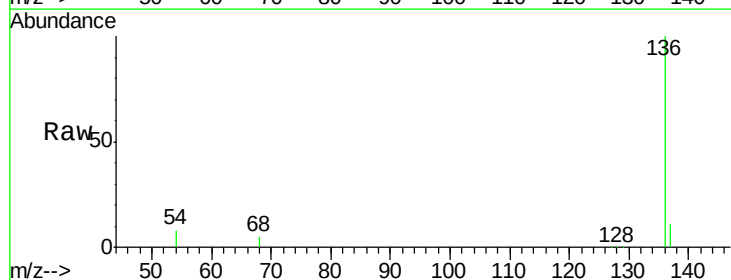
Tgt Ion:136 Resp: 94317

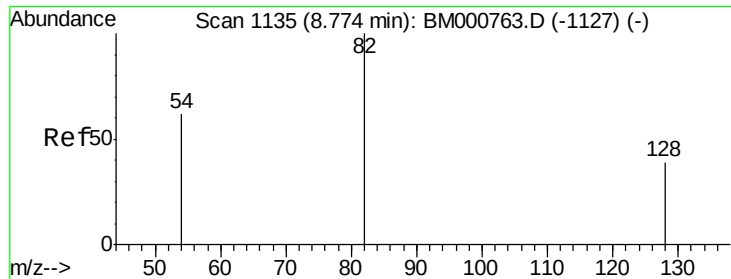
Ion Ratio Lower Upper

136 100

137 10.7 8.6 12.8

54 7.9 7.0 10.6





#5

Nitrobenzene-d5

Concen: 7.21 ng

RT: 8.76 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BM000922.D

Acq: 09 Apr 2015 11:56

Instrument :

BNA_M

ClientSampleId :

YT-MW-11

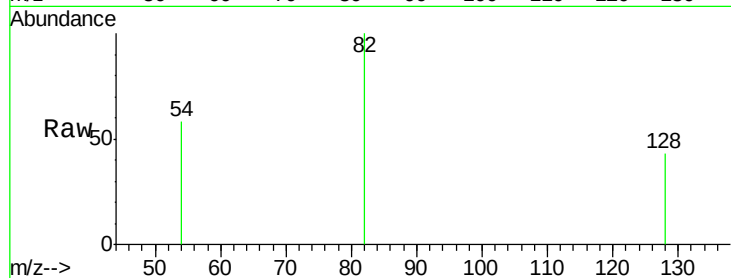
Tgt Ion: 82 Resp: 41645

Ion Ratio Lower Upper

82 100

128 42.8 32.2 48.2

54 58.2 50.2 75.4



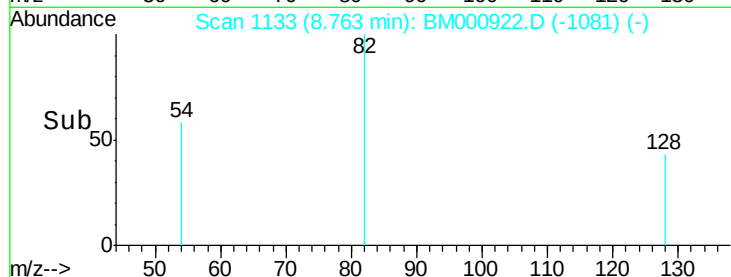
Abundance Ion 82.00 (81.70 to 82.70): BM000922.D (-1127) (-)

Ion 128.00 (127.70 to 128.70): BM000922.D (-1127) (-)

Ion 54.00 (53.70 to 54.70): BM000922.D (-1127) (-)

8.76

Time-->



25000

20000

15000

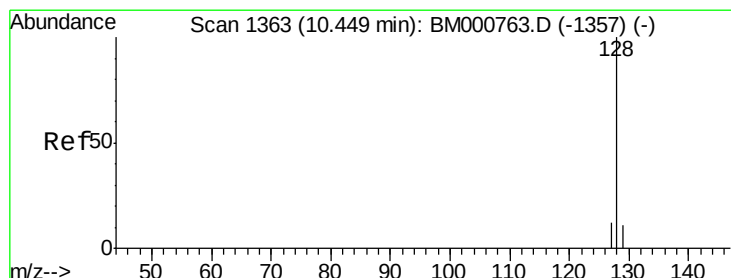
10000

5000

0

8.60 8.70 8.80 8.90

Time-->



#6

Naphthalene

Concen: 0.06 ng

RT: 10.44 min Scan# 1362

Delta R.T. -0.01 min

Lab File: BM000922.D

Acq: 09 Apr 2015 11:56

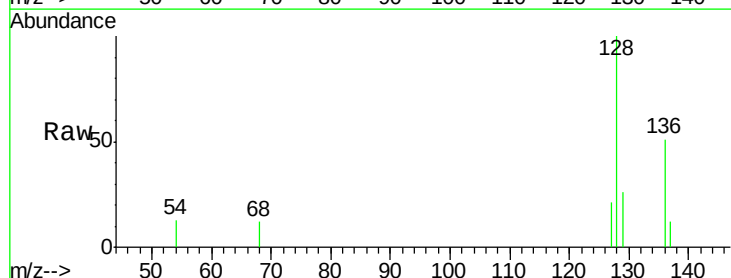
Tgt Ion: 128 Resp: 1287

Ion Ratio Lower Upper

128 100

129 25.5 8.9 13.3#

127 21.0 10.0 15.0#



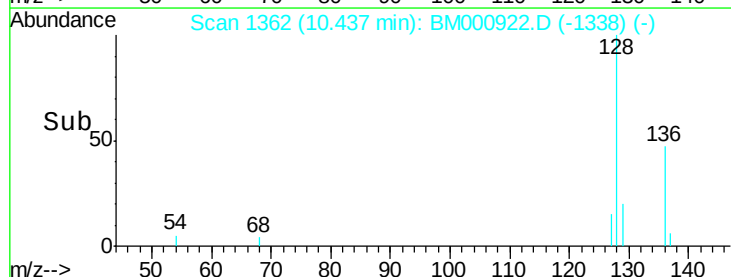
Abundance Ion 128.00 (127.70 to 128.70): BM000922.D (-1357) (-)

Ion 129.00 (128.70 to 129.70): BM000922.D (-1357) (-)

Ion 127.00 (126.70 to 127.70): BM000922.D (-1357) (-)

10.44

Time-->



1000

800

600

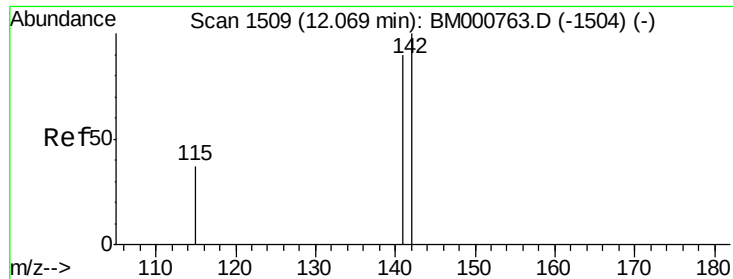
400

200

0

10.40 10.45

Time-->



#7

2-Methylnaphthalene

Concen: 0.15 ng

RT: 12.06 min Scan# 1508

Delta R.T. -0.01 min

Lab File: BM000922.D

Acq: 09 Apr 2015 11:56

Instrument :

BNA_M

ClientSampleId :

YT-MW-11

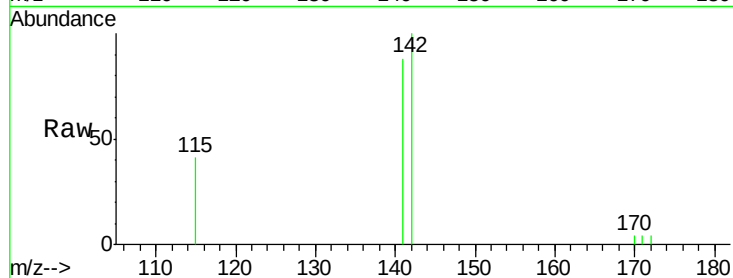
Tgt Ion:142 Resp: 2015

Ion Ratio Lower Upper

142 100

141 88.5 72.3 108.5

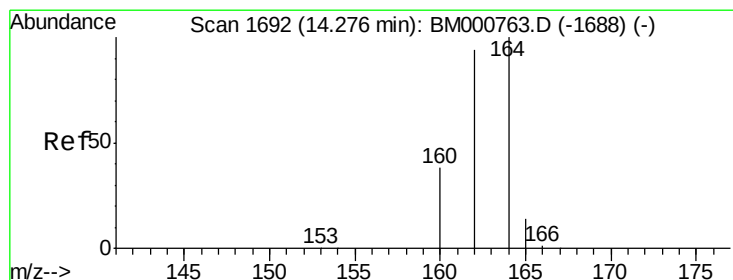
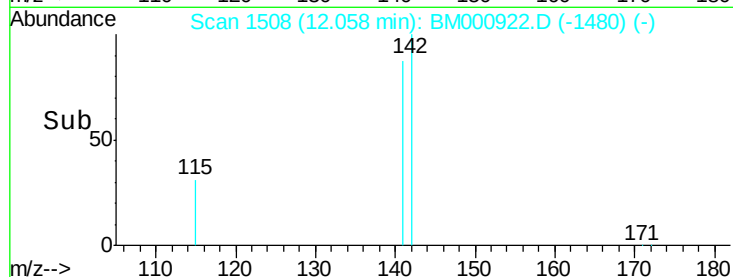
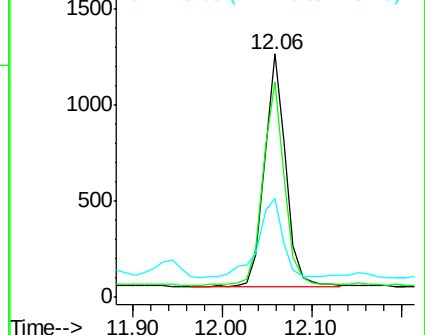
115 40.6 29.5 44.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#8

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.26 min Scan# 1691

Delta R.T. -0.02 min

Lab File: BM000922.D

Acq: 09 Apr 2015 11:56

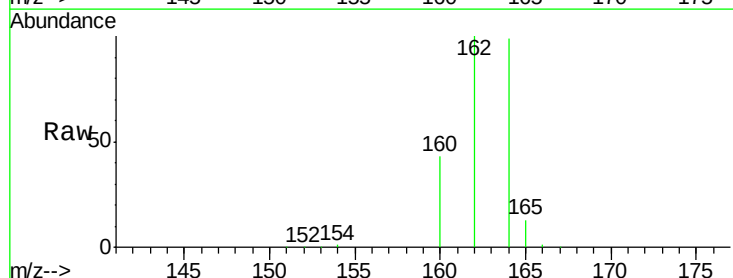
Tgt Ion:164 Resp: 49401

Ion Ratio Lower Upper

164 100

162 101.0 75.4 113.2

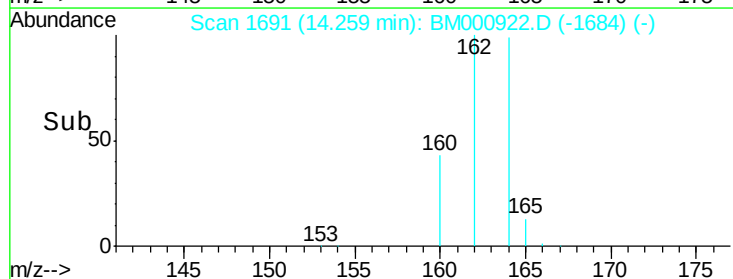
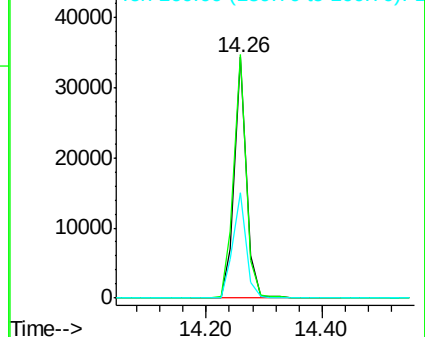
160 43.5 30.8 46.2

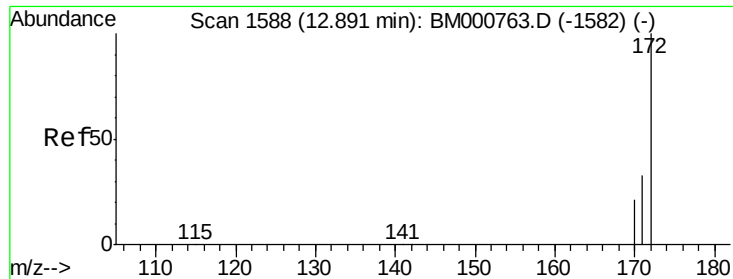


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

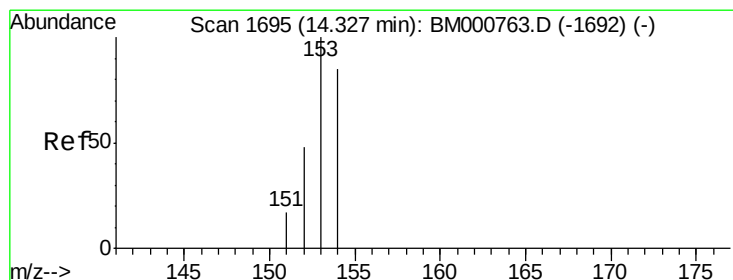
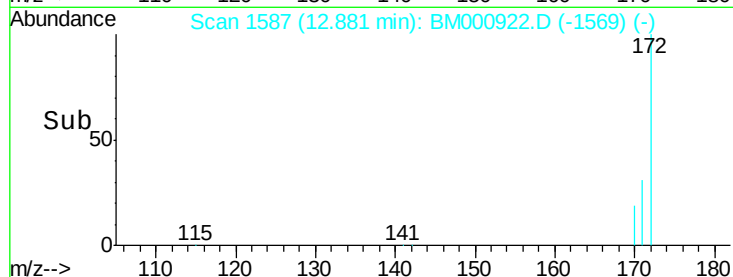
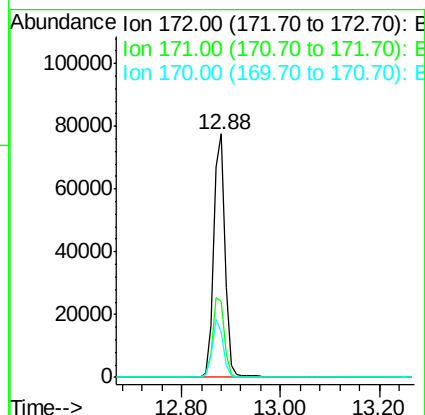
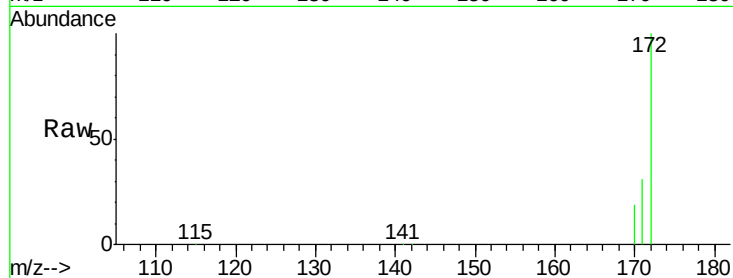




#9
 2-Fluorobiphenyl
 Concen: 8.14 ng
 RT: 12.88 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BM000922.D
 Acq: 09 Apr 2015 11:56

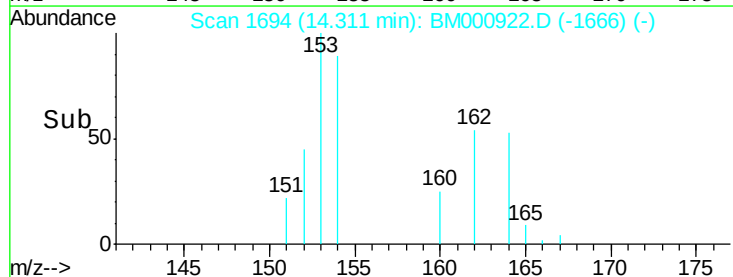
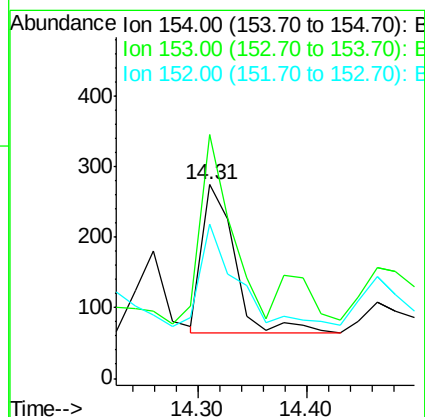
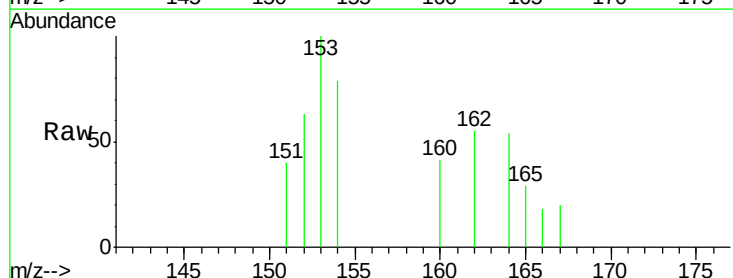
Instrument :
 BNA_M
 ClientSampleId :
 YT-MW-11

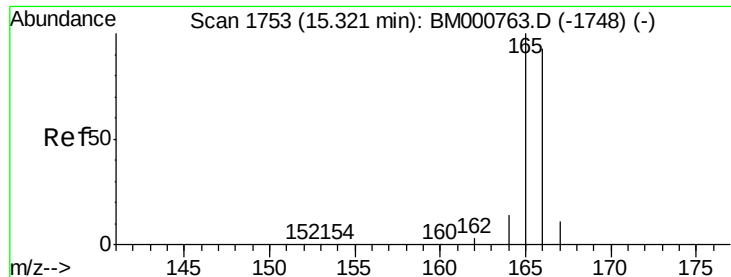
Tgt Ion:172 Resp: 124778
 Ion Ratio Lower Upper
 172 100
 171 31.3 26.6 39.8
 170 18.6 17.1 25.7



#11
 Acenaphthene
 Concen: 0.03 ng
 RT: 14.31 min Scan# 1694
 Delta R.T. -0.02 min
 Lab File: BM000922.D
 Acq: 09 Apr 2015 11:56

Tgt Ion:154 Resp: 440
 Ion Ratio Lower Upper
 154 100
 153 120.7 87.3 130.9
 152 77.3 43.0 64.6#





#12

Fluorene

Concen: 0.04 ng

RT: 15.32 min Scan# 1753

Delta R.T. 0.00 min

Lab File: BM000922.D

Acq: 09 Apr 2015 11:56

Instrument :

BNA_M

ClientSampleId :

YT-MW-11

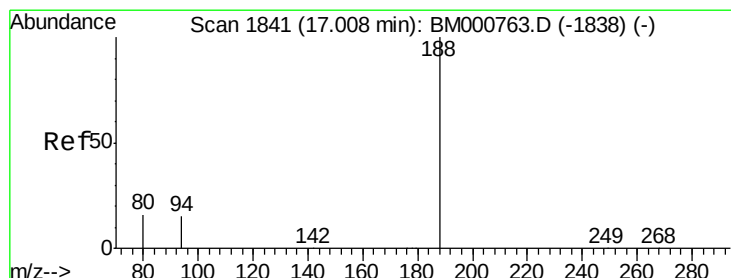
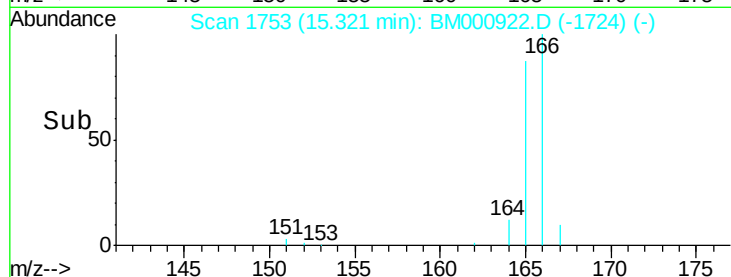
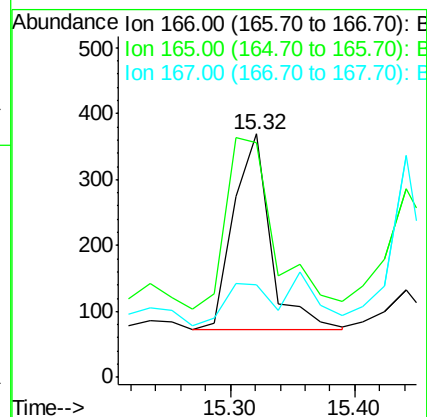
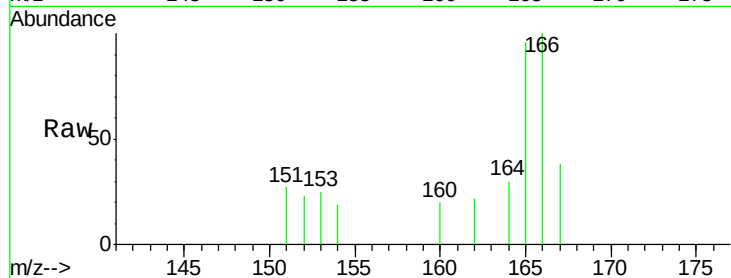
Tgt Ion:166 Resp: 617

Ion Ratio Lower Upper

166 100

165 115.1 78.2 117.2

167 26.4 10.7 16.1#



#13

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.01 min Scan# 1841

Delta R.T. 0.00 min

Lab File: BM000922.D

Acq: 09 Apr 2015 11:56

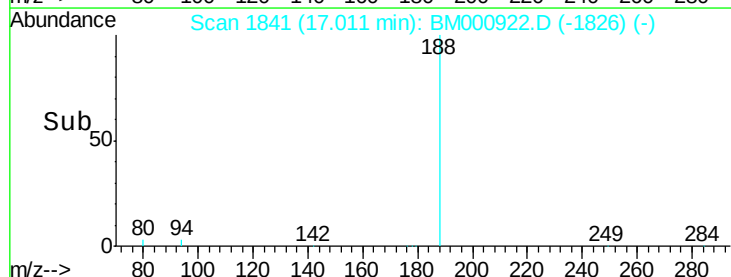
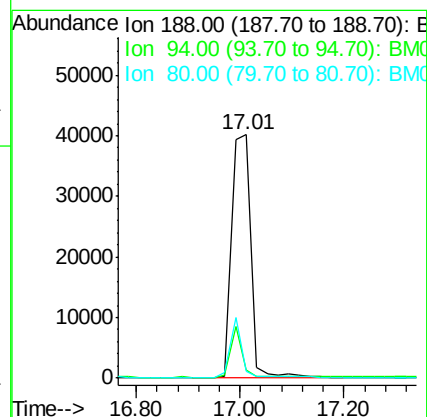
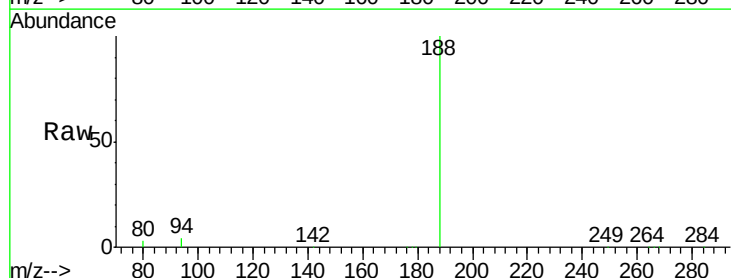
Tgt Ion:188 Resp: 103154

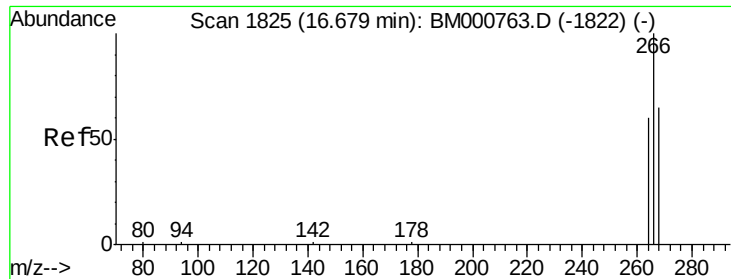
Ion Ratio Lower Upper

188 100

94 3.5 12.0 18.0#

80 3.0 12.8 19.2#

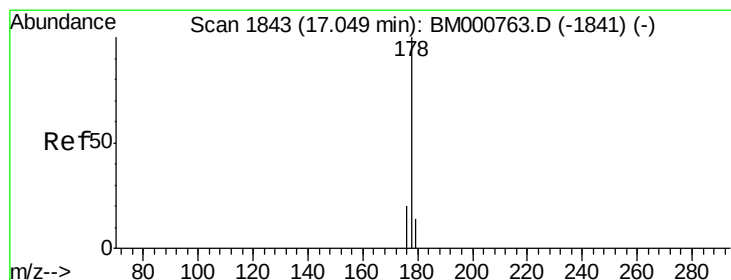
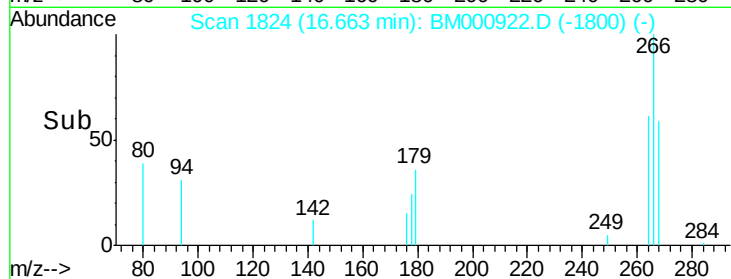
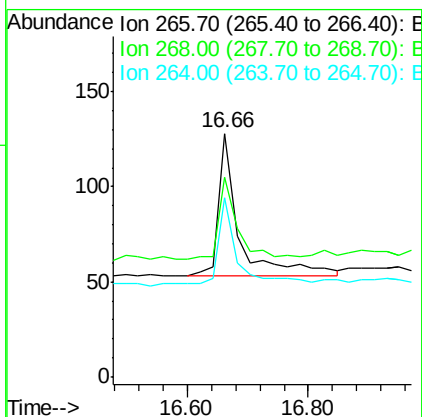
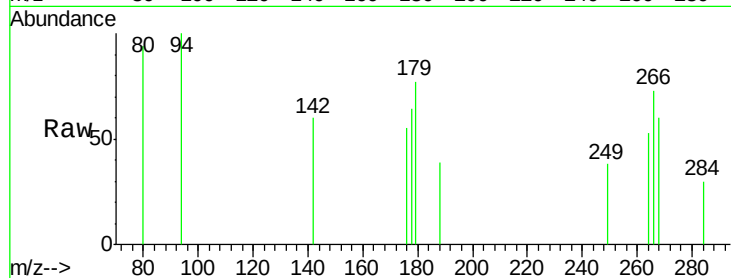




#15
 Pentachlorophenol
 Concen: 0.48 ng
 RT: 16.66 min Scan# 1824
 Delta R.T. -0.02 min
 Lab File: BM000922.D
 Acq: 09 Apr 2015 11:56

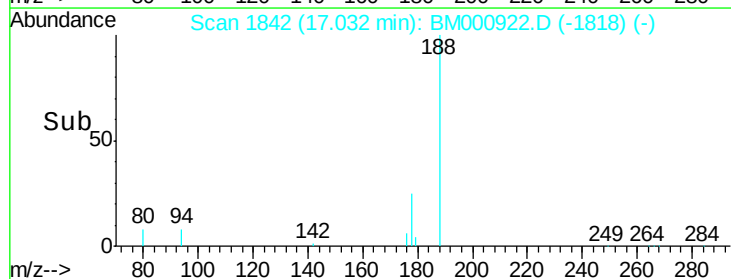
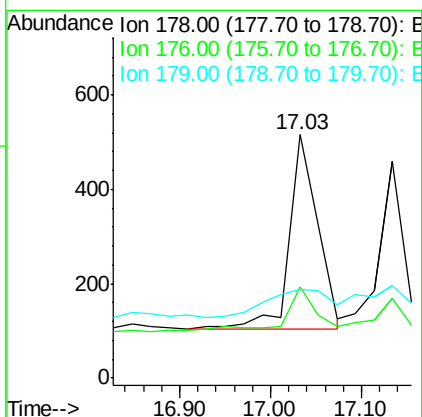
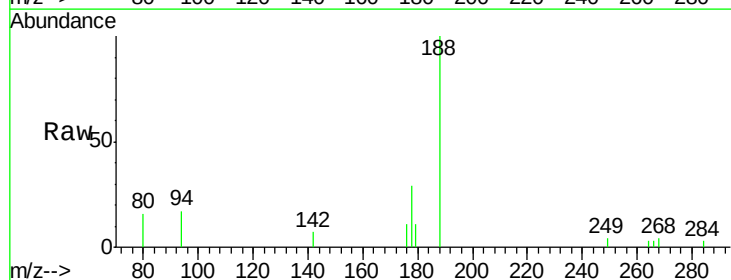
Instrument :
 BNA_M
 ClientSampleId :
 YT-MW-11

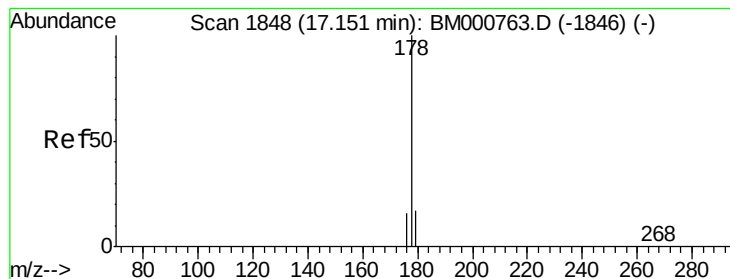
Tgt Ion: 266 Resp: 180
 Ion Ratio Lower Upper
 266 100
 268 82.0 55.0 82.6
 264 73.4 51.0 76.4



#16
 Phenanthrene
 Concen: 0.03 ng
 RT: 17.03 min Scan# 1842
 Delta R.T. -0.02 min
 Lab File: BM000922.D
 Acq: 09 Apr 2015 11:56

Tgt Ion: 178 Resp: 895
 Ion Ratio Lower Upper
 178 100
 176 26.1 15.3 22.9#
 179 33.4 12.2 18.2#





#17

Anthracene

Concen: 0.02 ng

RT: 17.13 min Scan# 1847

Delta R.T. -0.02 min

Lab File: BM000922.D

Acq: 09 Apr 2015 11:56

Instrument :

BNA_M

ClientSampled :

YT-MW-11

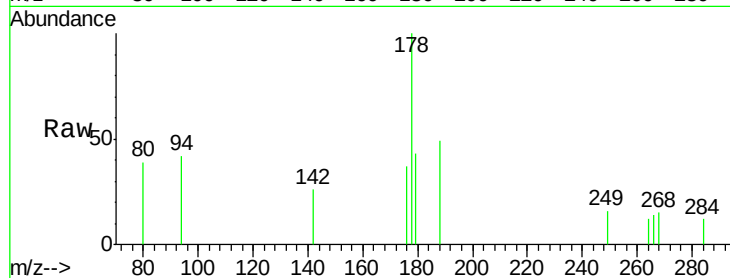
Tgt Ion:178 Resp: 557

Ion Ratio Lower Upper

178 100

176 23.0 14.6 22.0#

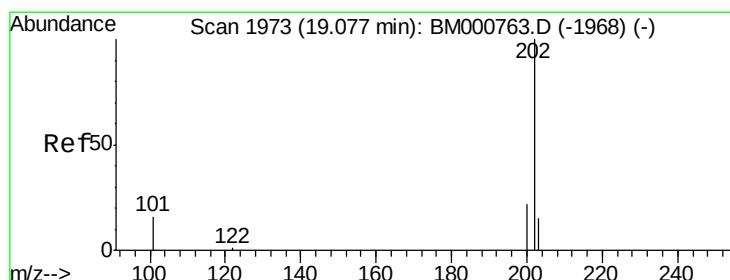
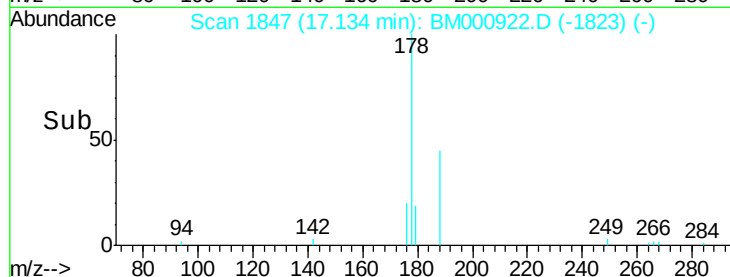
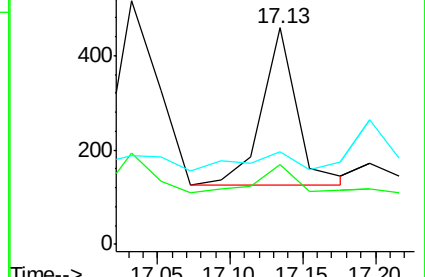
179 0.0 12.2 18.4#



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: 0.02 ng

RT: 19.07 min Scan# 1972

Delta R.T. -0.01 min

Lab File: BM000922.D

Acq: 09 Apr 2015 11:56

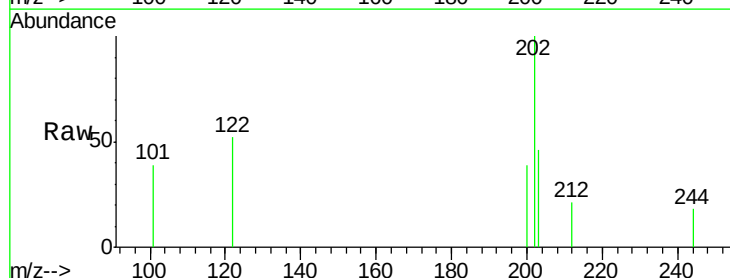
Tgt Ion:202 Resp: 592

Ion Ratio Lower Upper

202 100

101 23.0 10.5 15.7#

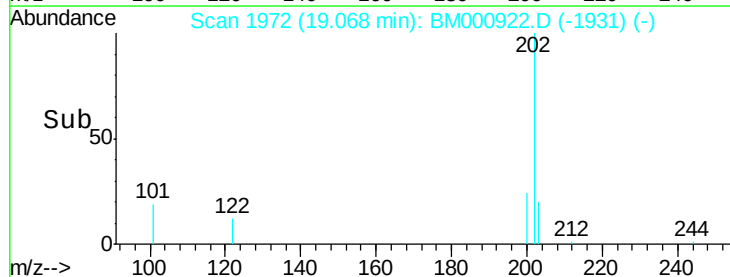
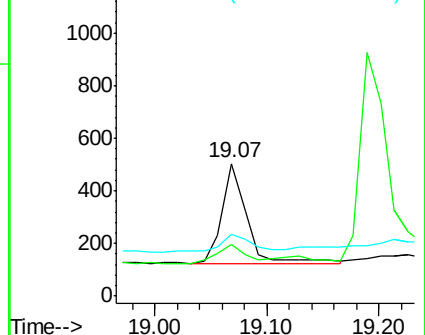
203 18.9 13.8 20.8

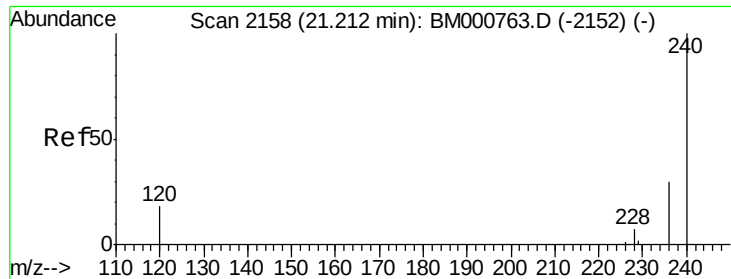


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.20 min Scan# 2157

Delta R.T. -0.01 min

Lab File: BM000922.D

Acq: 09 Apr 2015 11:56

Instrument :

BNA_M

ClientSampleId :

YT-MW-11

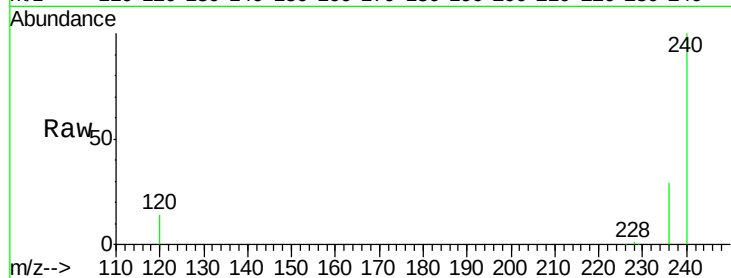
Tgt Ion:240 Resp: 92080

Ion Ratio Lower Upper

240 100

120 13.9 14.9 22.3#

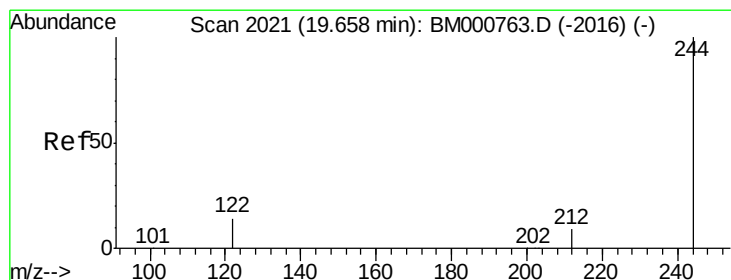
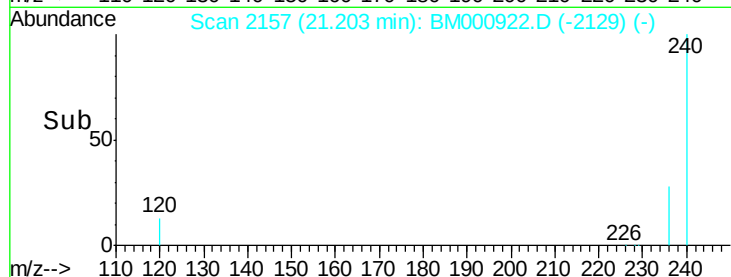
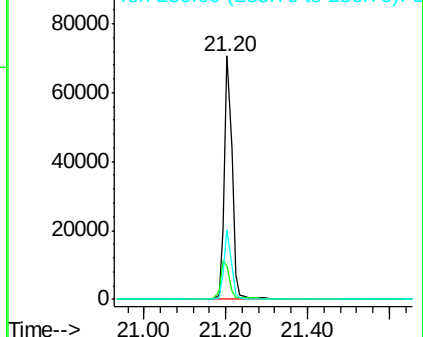
236 28.6 24.2 36.4



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: 10.67 ng

RT: 19.65 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BM000922.D

Acq: 09 Apr 2015 11:56

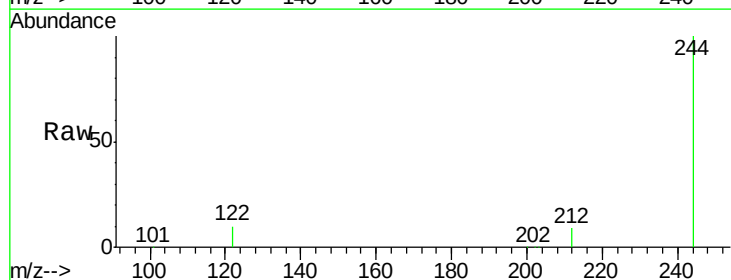
Tgt Ion:244 Resp: 118195

Ion Ratio Lower Upper

244 100

212 8.9 7.8 11.6

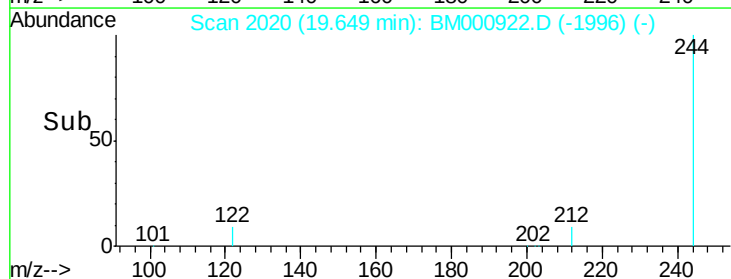
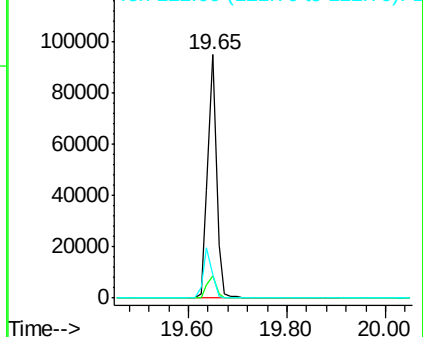
122 9.7 11.8 17.8#

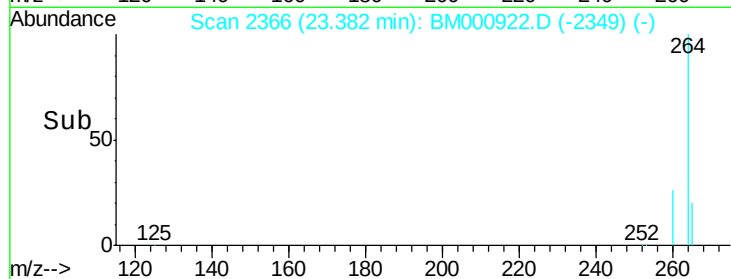
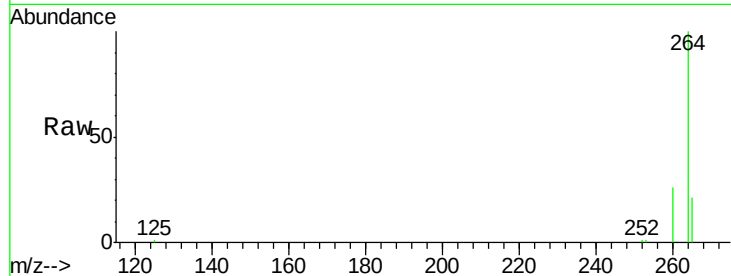
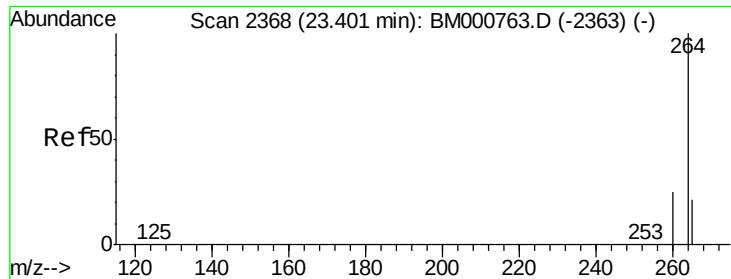


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#25

Perylene-d12

Concen: 5.00 ng

RT: 23.38 min Scan# 2366

Delta R.T. -0.02 min

Lab File: BM000922.D

Acq: 09 Apr 2015 11:56

Instrument :

BNA_M

ClientSampleId :

YT-MW-11

Tgt Ion:264 Resp: 84118

Ion Ratio Lower Upper

264 100

260 26.1 20.1 30.1

265 21.1 17.4 26.0

