

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM033115\
 Data File : BM000761.D
 Acq On : 31 Mar 2015 20:03
 Operator : TP/IZ
 Sample : SSTDICC0.5
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.5

Quant Time: Apr 01 03:05:24 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 03:53:31 2015
 Response via : Initial Calibration

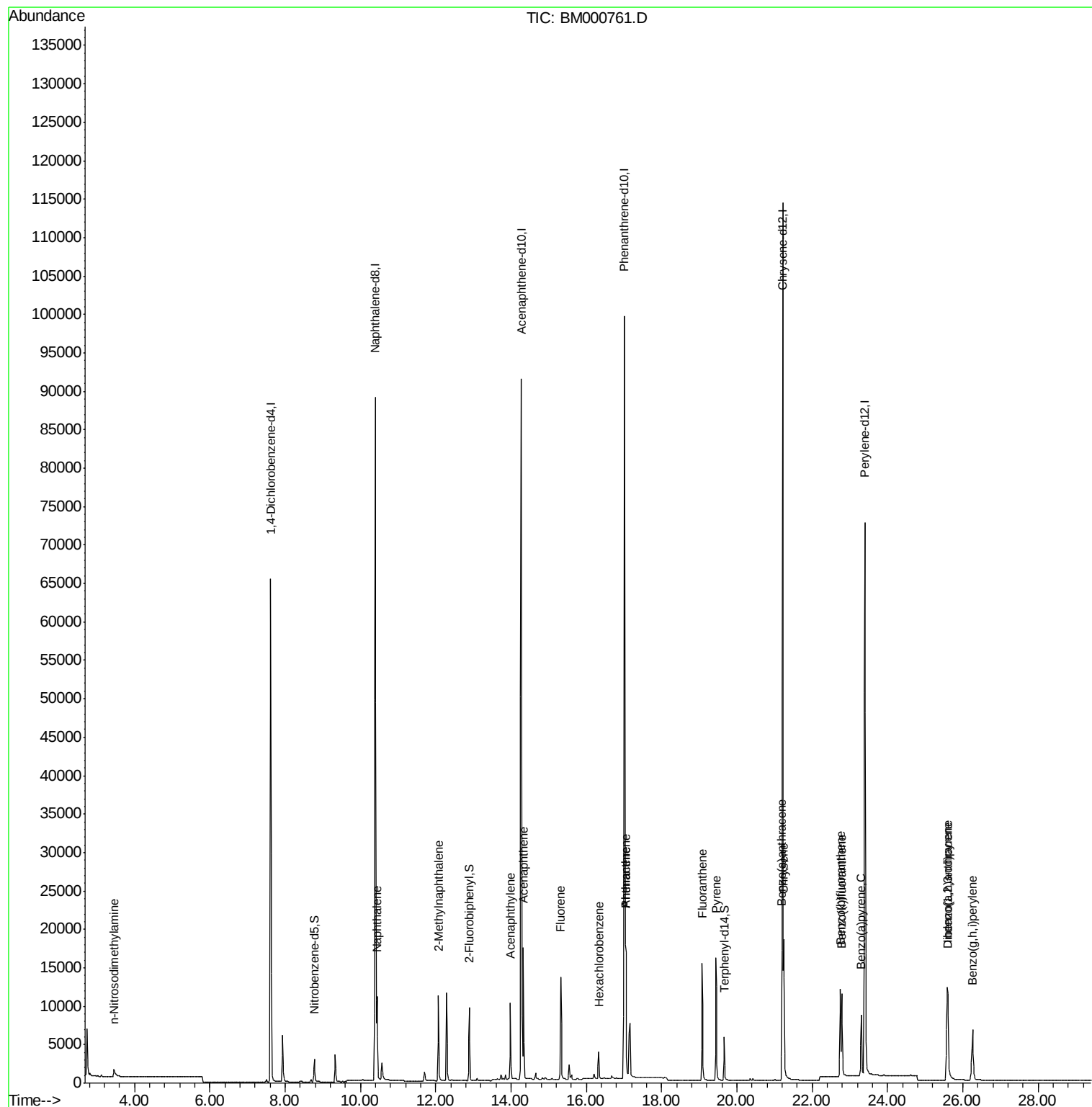
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	33795	5.00	ng	0.00
4) Naphthalene-d8	10.40	136	118255	5.00	ng	0.00
8) Acenaphthene-d10	14.28	164	58251	5.00	ng	0.00
13) Phenanthrene-d10	17.01	188	125286	5.00	ng	0.00
19) Chrysene-d12	21.22	240	101771	5.00	ng	0.00
25) Perylene-d12	23.40	264	92035	5.00	ng	0.00
System Monitoring Compounds						
5) Nitrobenzene-d5	8.77	82	2755	0.46	ng	0.00
9) 2-Fluorobiphenyl	12.89	172	9178	0.65	ng	0.00
21) Terphenyl-d14	19.66	244	6279	0.43	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.45	42	1500	0.31	ng	98
6) Naphthalene	10.45	128	14168	0.60	ng	99
7) 2-Methylnaphthalene	12.07	142	8803	0.59	ng	97
10) Acenaphthylene	13.98	152	12105	0.16	ng	100
11) Acenaphthene	14.33	154	8917	0.69	ng	100
12) Fluorene	15.32	166	10027	0.63	ng	100
14) Hexachlorobenzene	16.33	284	3610	0.86	ng	# 97
16) Phenanthrene	17.05	178	17056	0.63	ng	99
17) Anthracene	17.05	178	17056	0.71	ng	99
18) Fluoranthene	19.08	202	16032	0.61	ng	100
20) Pyrene	19.44	202	16685	0.64	ng	100
22) Benzo(a)anthracene	21.19	228	14039	0.70	ng	# 90
23) Chrysene	21.25	228	15640	0.73	ng	98
24) Indeno(1,2,3-cd)pyrene	25.59	276	15720	1.04	ng	100
26) Benzo(b)fluoranthene	22.75	252	14599	0.83	ng	98
27) Benzo(k)fluoranthene	22.79	252	13978	0.67	ng	97
28) Benzo(a)pyrene	23.30	252	12198	0.78	ng	97
29) Dibenzo(a,h)anthracene	25.60	278	12208	1.04	ng	96
30) Benzo(g,h,i)perylene	26.26	276	13501	0.90	ng	99

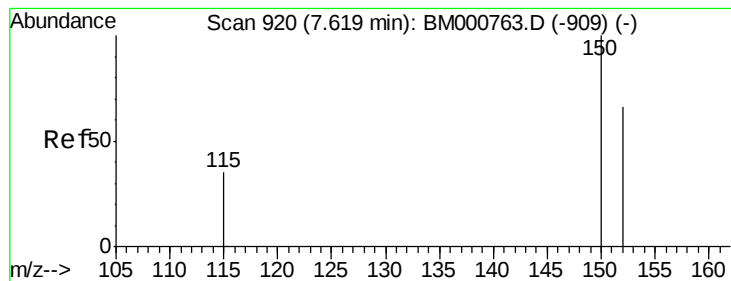
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM033115\
Data File : BM000761.D
Acq On : 31 Mar 2015 20:03
Operator : TP/IZ
Sample : SSTDIC0.5
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDIC0.5

Quant Time: Apr 01 03:05:24 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 03:53:31 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.62 min Scan# 920

Delta R.T. 0.00 min

Lab File: BM000761.D

Acq: 31 Mar 2015 20:03

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.5

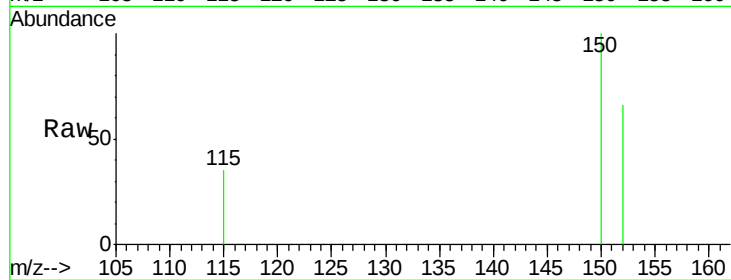
Tgt Ion:152 Resp: 33795

Ion Ratio Lower Upper

152 100

150 150.6 120.8 181.2

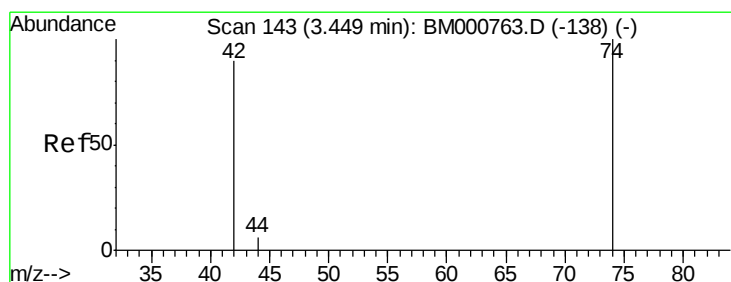
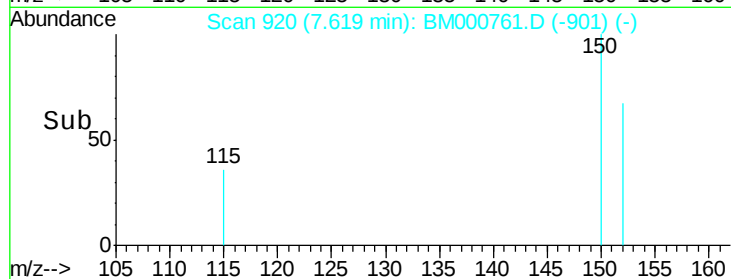
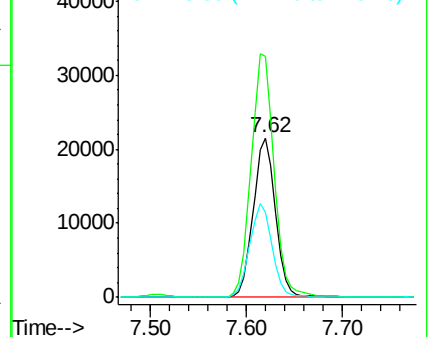
115 53.4 42.7 64.1



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



#3

n-Nitrosodimethylamine

Concen: 0.31 ng

RT: 3.45 min Scan# 144

Delta R.T. 0.01 min

Lab File: BM000761.D

Acq: 31 Mar 2015 20:03

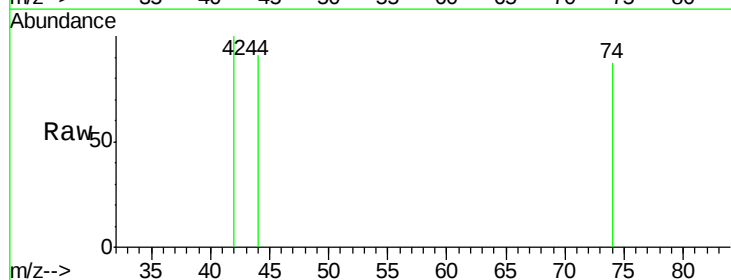
Tgt Ion: 42 Resp: 1500

Ion Ratio Lower Upper

42 100

74 118.8 93.6 140.4

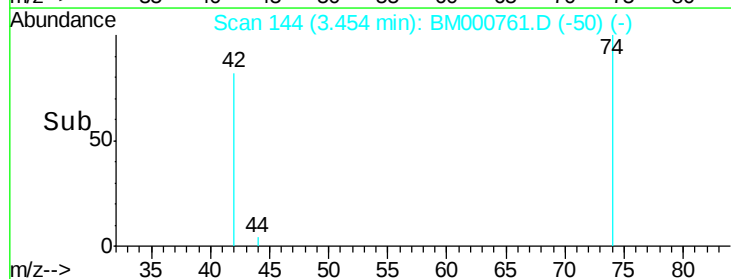
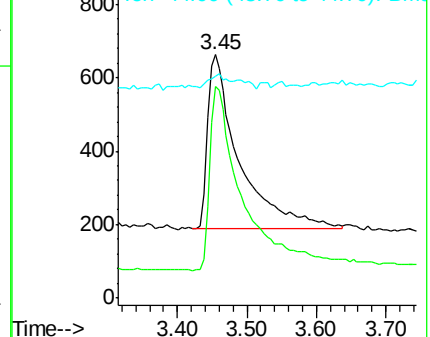
44 6.9 6.3 9.5

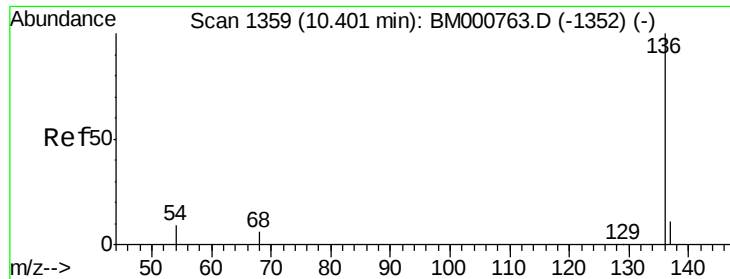


Abundance Ion 42.00 (41.70 to 42.70): BM0

Ion 74.00 (73.70 to 74.70): BM0

Ion 44.00 (43.70 to 44.70): BM0





#4

Naphthalene-d8

Concen: 5.00 ng

RT: 10.40 min Scan# 1359

Delta R.T. 0.00 min

Lab File: BM000761.D

Acq: 31 Mar 2015 20:03

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

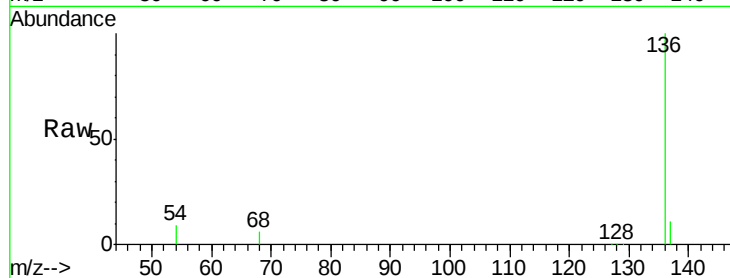
Tgt Ion: 136 Resp: 118255

Ion Ratio Lower Upper

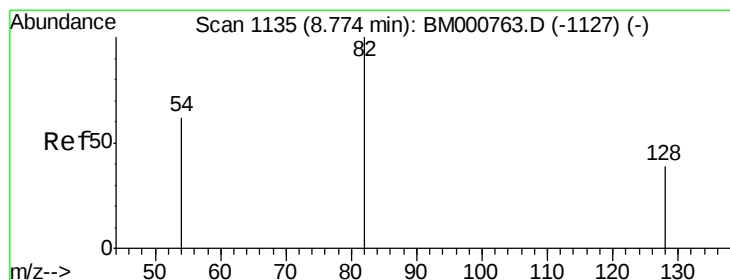
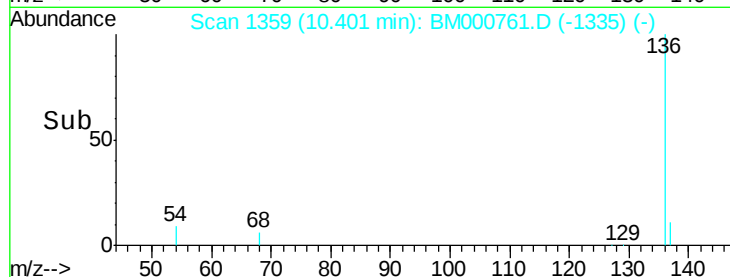
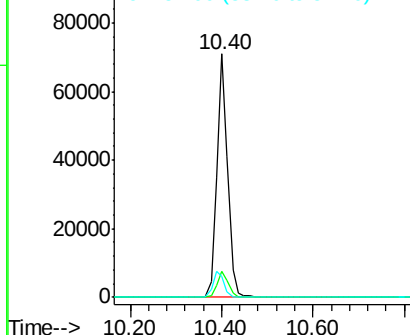
136 100

137 10.7 8.6 12.8

54 8.8 7.0 10.6



Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B



#5

Nitrobenzene-d5

Concen: 0.46 ng

RT: 8.77 min Scan# 1135

Delta R.T. 0.00 min

Lab File: BM000761.D

Acq: 31 Mar 2015 20:03

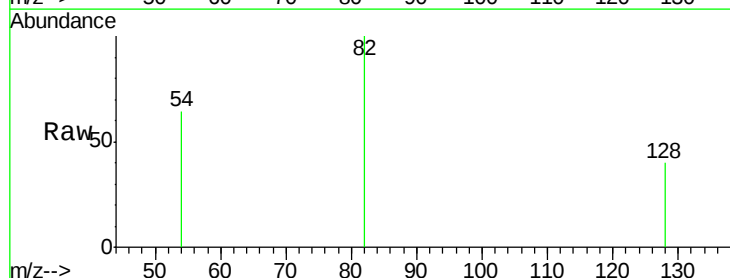
Tgt Ion: 82 Resp: 2755

Ion Ratio Lower Upper

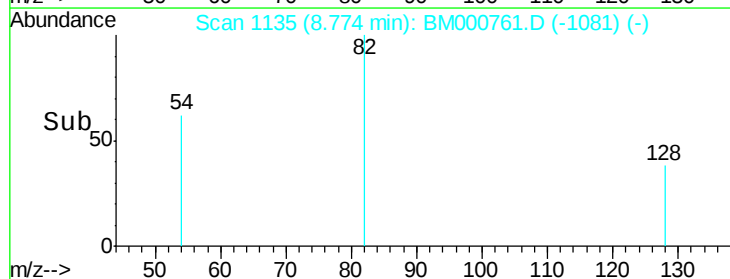
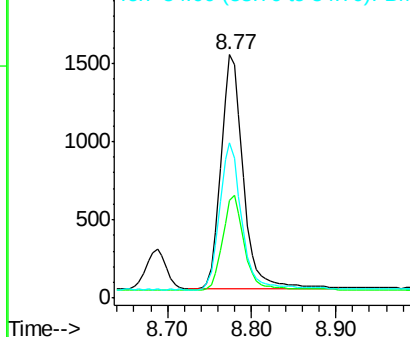
82 100

128 40.2 32.2 48.2

54 63.8 50.2 75.4



Abundance Ion 82.00 (81.70 to 82.70): B
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): B





#6

Naphthalene

Concen: 0.60 ng

RT: 10.45 min Scan# 1363

Delta R.T. 0.00 min

Lab File: BM000761.D

Acq: 31 Mar 2015 20:03

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

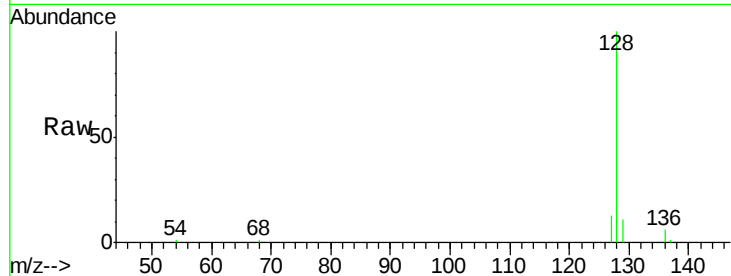
Tgt Ion:128 Resp: 14168

Ion Ratio Lower Upper

128 100

129 11.3 8.9 13.3

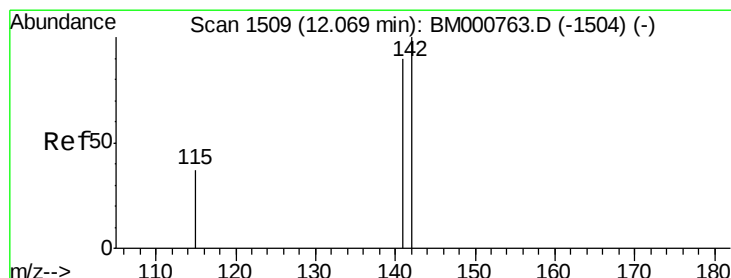
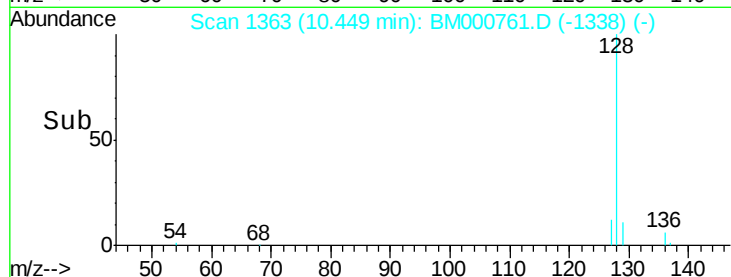
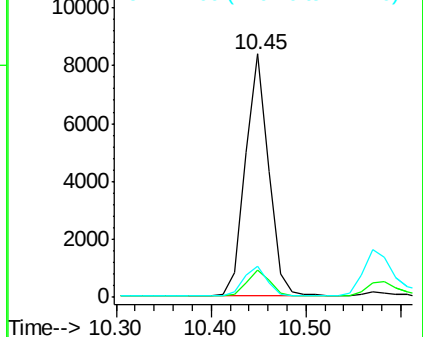
127 12.8 10.0 15.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#7

2-Methylnaphthalene

Concen: 0.59 ng

RT: 12.07 min Scan# 1509

Delta R.T. 0.00 min

Lab File: BM000761.D

Acq: 31 Mar 2015 20:03

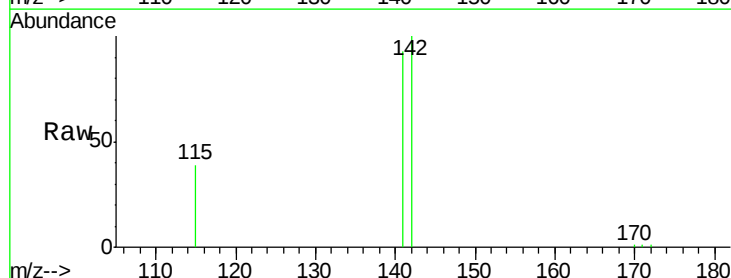
Tgt Ion:142 Resp: 8803

Ion Ratio Lower Upper

142 100

141 93.1 72.3 108.5

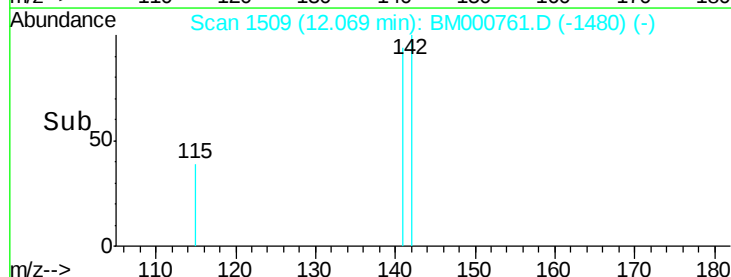
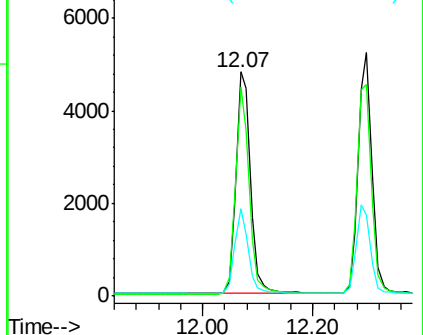
115 39.3 29.5 44.3



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: 14.28 min Scan# 1692

Delta R.T. 0.00 min

Lab File: BM000761.D

Acq: 31 Mar 2015 20:03

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

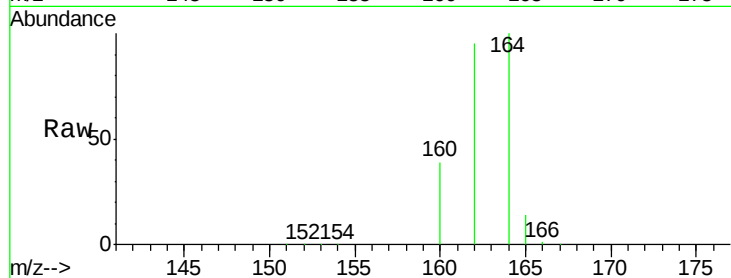
Tgt Ion:164 Resp: 58251

Ion Ratio Lower Upper

164 100

162 94.9 75.4 113.2

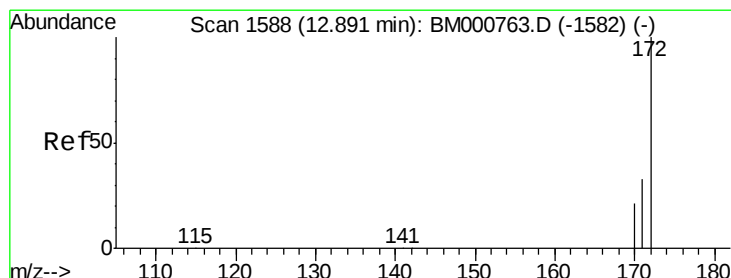
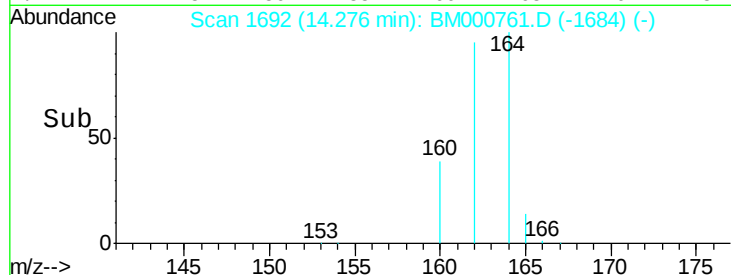
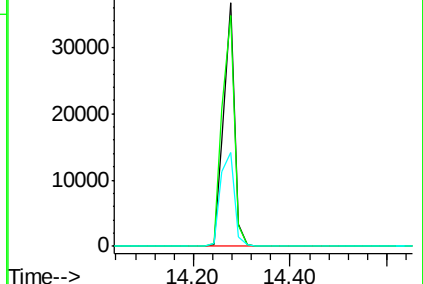
160 38.7 30.8 46.2



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: 0.65 ng

RT: 12.89 min Scan# 1588

Delta R.T. 0.00 min

Lab File: BM000761.D

Acq: 31 Mar 2015 20:03

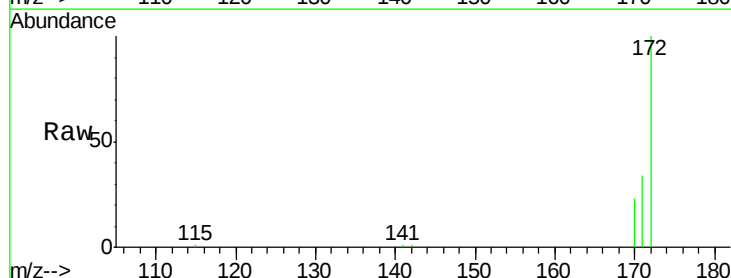
Tgt Ion:172 Resp: 9178

Ion Ratio Lower Upper

172 100

171 34.1 26.6 39.8

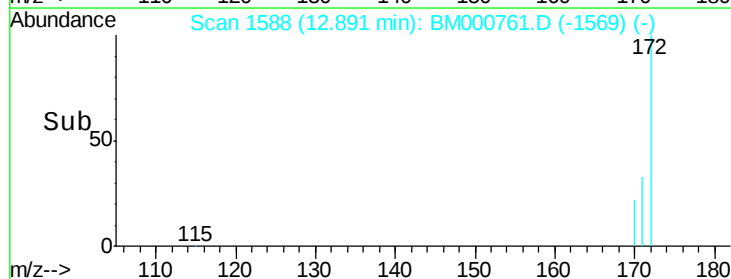
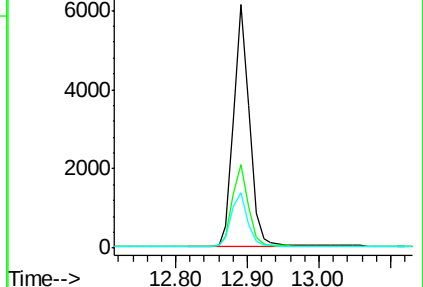
170 22.9 17.1 25.7



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





#10

Acenaphthylene

Concen: 0.16 ng

RT: 13.98 min Scan# 1675

Delta R.T. 0.00 min

Lab File: BM000761.D

Acq: 31 Mar 2015 20:03

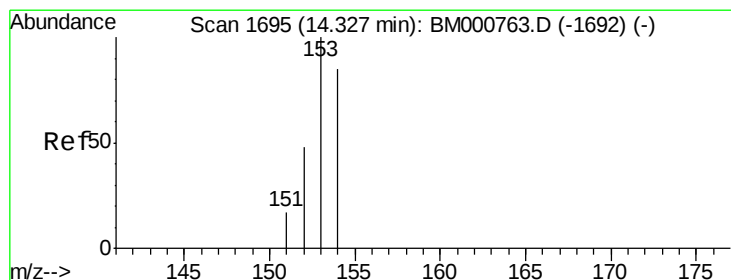
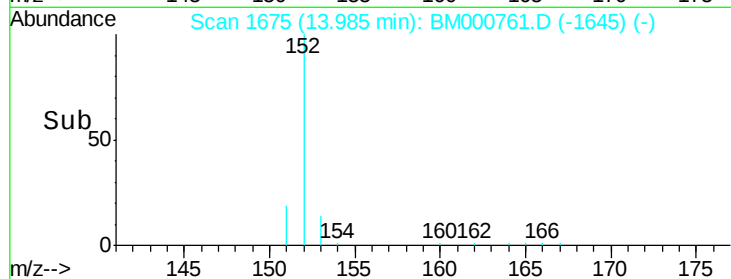
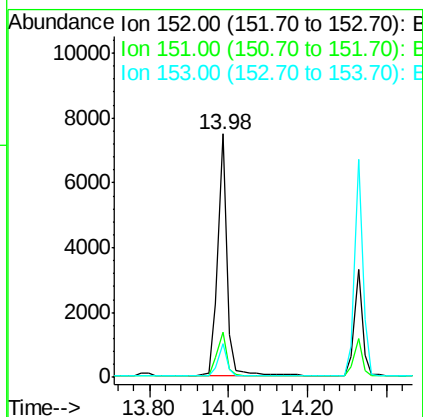
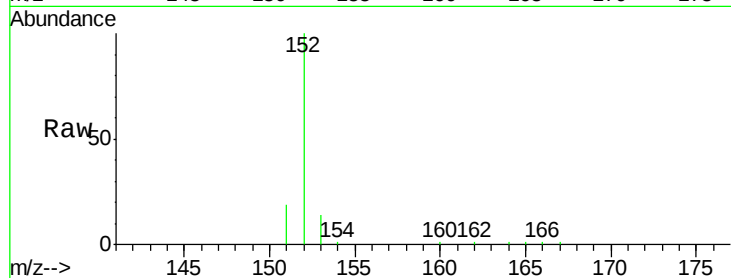
Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

Tgt Ion:	152	Resp:	12105
Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.1	22.7
153	13.2	10.2	15.4



#11

Acenaphthene

Concen: 0.69 ng

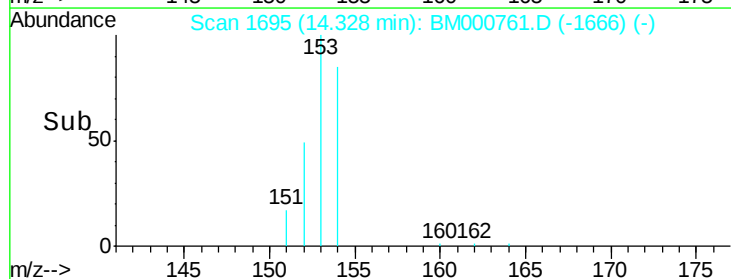
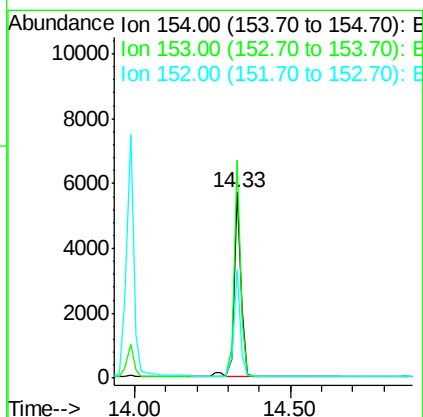
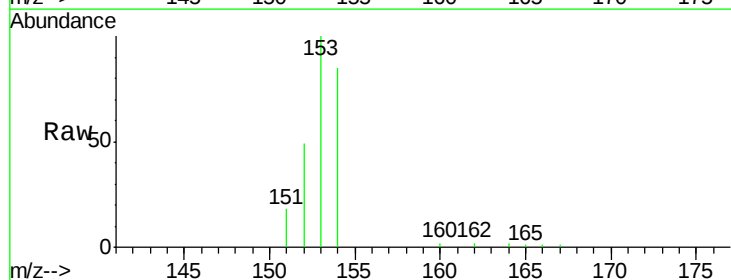
RT: 14.33 min Scan# 1695

Delta R.T. 0.00 min

Lab File: BM000761.D

Acq: 31 Mar 2015 20:03

Tgt Ion:	154	Resp:	8917
Ion	Ratio	Lower	Upper
154	100		
153	109.3	87.3	130.9
152	54.2	43.0	64.6





#12

Fluorene

Concen: 0.63 ng

RT: 15.32 min Scan# 1753

Delta R.T. 0.00 min

Lab File: BM000761.D

Acq: 31 Mar 2015 20:03

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

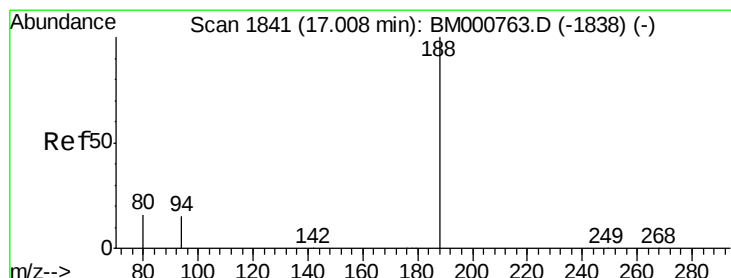
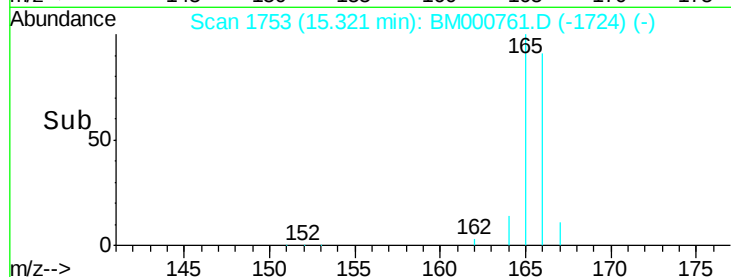
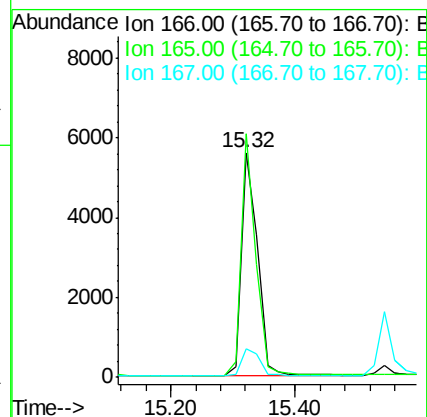
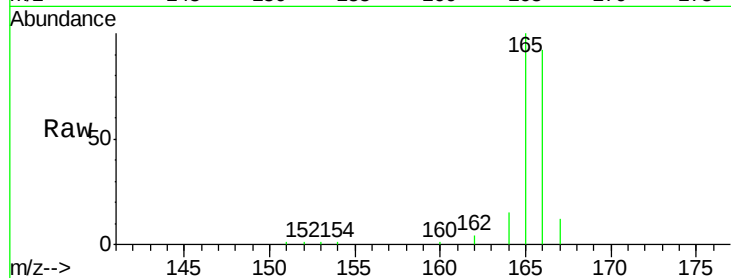
Tgt Ion:166 Resp: 10027

Ion Ratio Lower Upper

166 100

165 97.9 78.2 117.2

167 13.5 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: BM000761.D

Acq: 31 Mar 2015 20:03

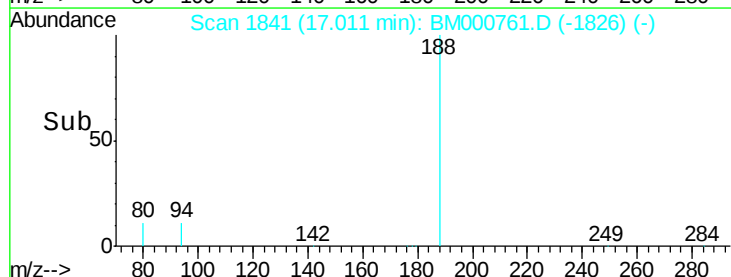
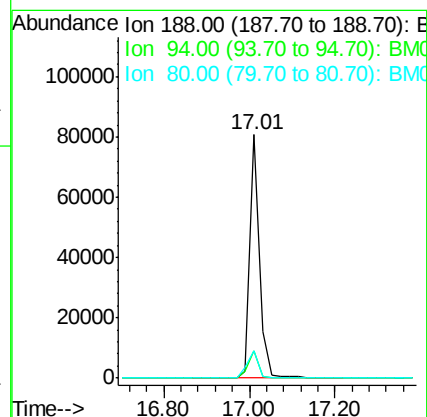
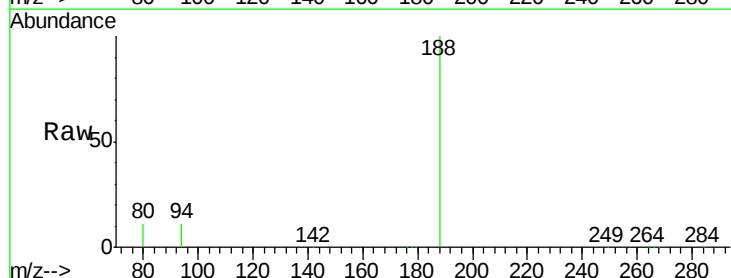
Tgt Ion:188 Resp: 125286

Ion Ratio Lower Upper

188 100

94 11.2 12.0 18.0#

80 11.4 12.8 19.2#

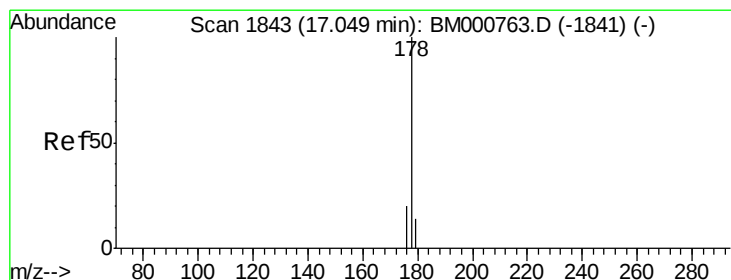
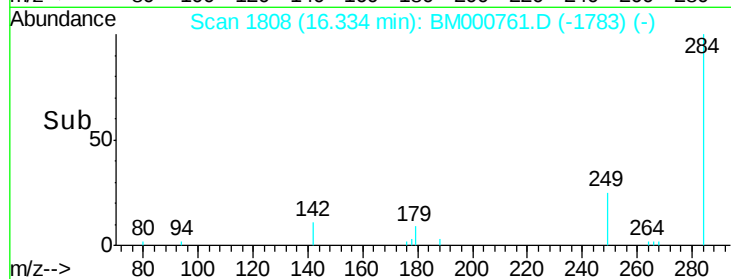
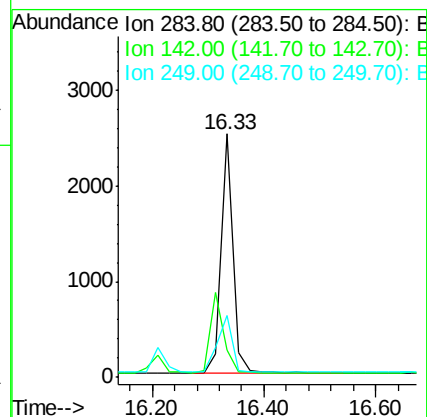
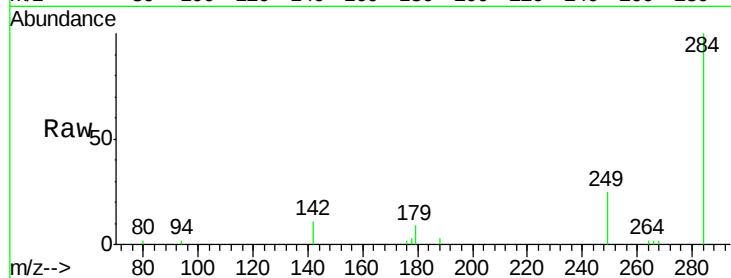




#14
Hexachlorobenzene
Concen: 0.86 ng
RT: 16.33 min Scan# 1808
Delta R.T. 0.00 min
Lab File: BM000761.D
Acq: 31 Mar 2015 20:03

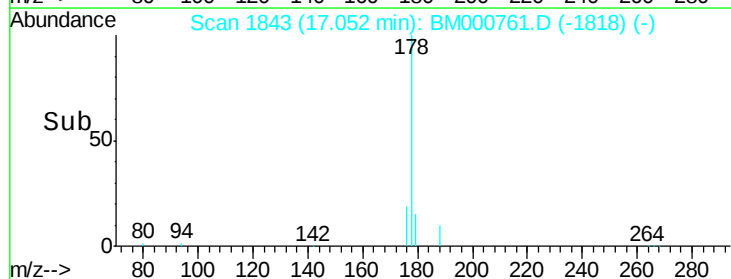
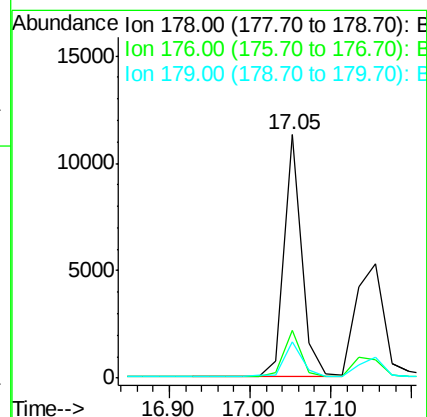
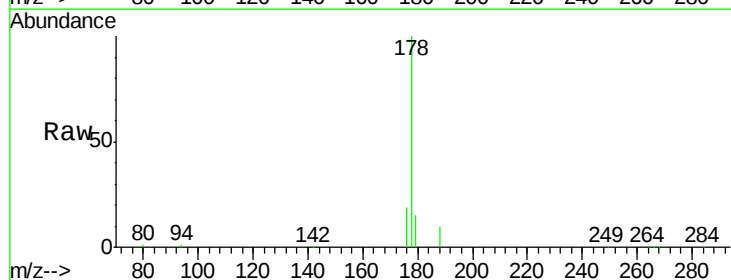
Instrument :
BNA_M
ClientSampleId :
SSTDIC0.5

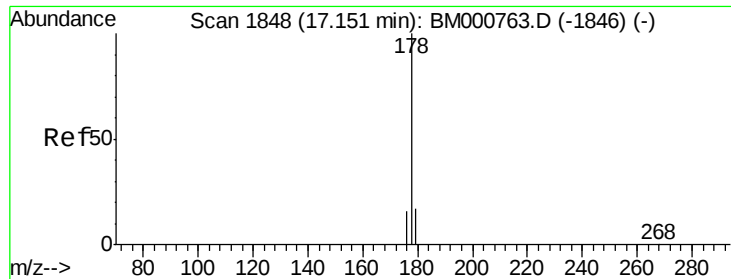
Tgt Ion: 284 Resp: 3610
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 30.0 25.2 37.8



#16
Phenanthrene
Concen: 0.63 ng
RT: 17.05 min Scan# 1843
Delta R.T. 0.00 min
Lab File: BM000761.D
Acq: 31 Mar 2015 20:03

Tgt Ion: 178 Resp: 17056
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.6 12.2 18.2

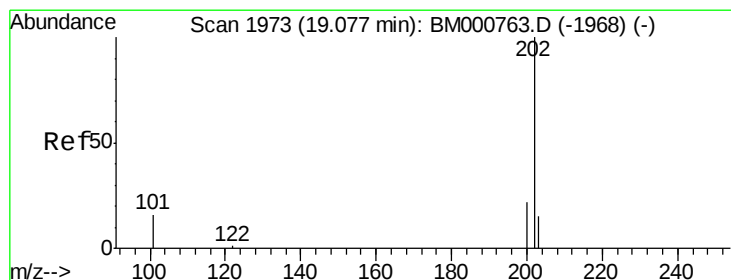
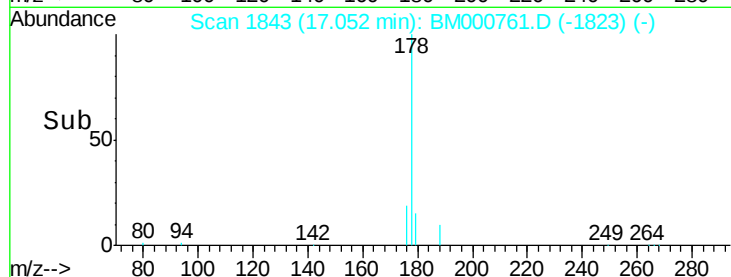
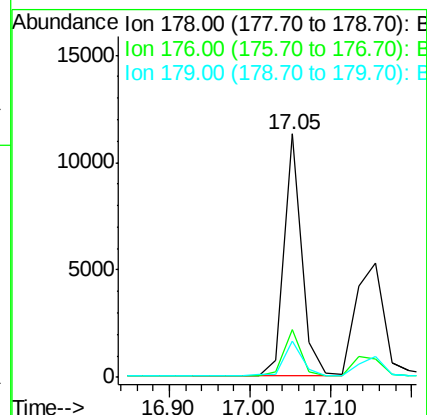
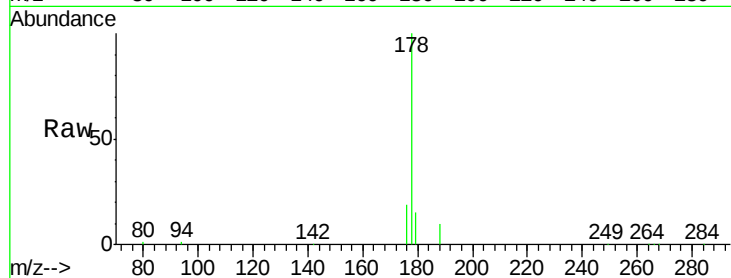




#17
 Anthracene
 Concen: 0.71 ng
 RT: 17.05 min Scan# 1843
 Delta R.T. -0.10 min
 Lab File: BM000761.D
 Acq: 31 Mar 2015 20:03

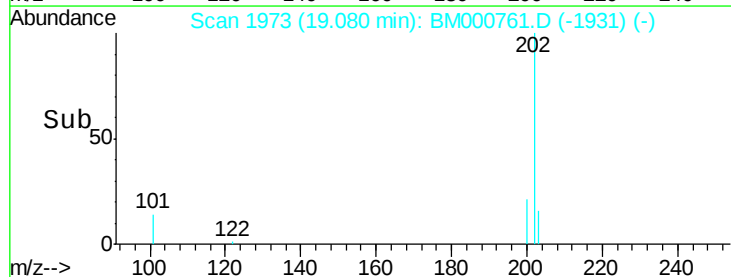
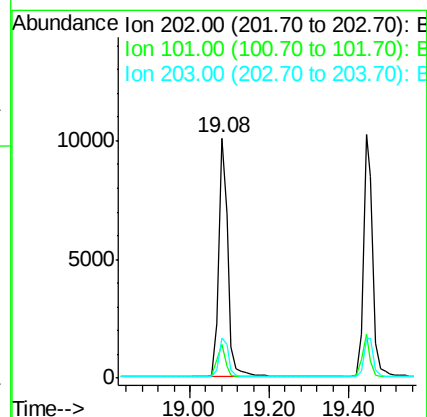
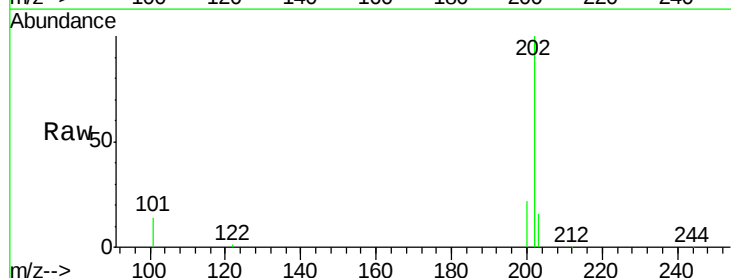
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.5

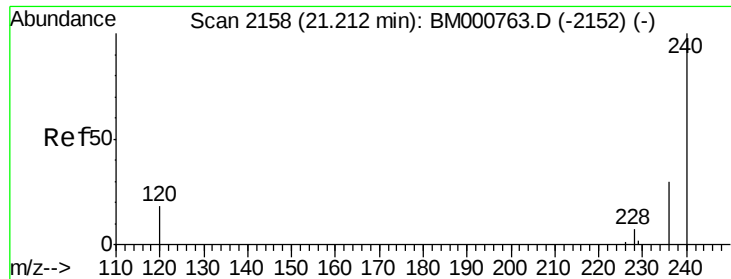
Tgt Ion:178 Resp: 17056
 Ion Ratio Lower Upper
 178 100
 176 18.9 14.6 22.0
 179 15.6 12.2 18.4



#18
 Fluoranthene
 Concen: 0.61 ng
 RT: 19.08 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: BM000761.D
 Acq: 31 Mar 2015 20:03

Tgt Ion:202 Resp: 16032
 Ion Ratio Lower Upper
 202 100
 101 13.1 10.5 15.7
 203 17.3 13.8 20.8





#19

Chrysene-d12

Concen: 5.00 ng

RT: 21.22 min Scan# 2158

Delta R.T. 0.00 min

Lab File: BM000761.D

Acq: 31 Mar 2015 20:03

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

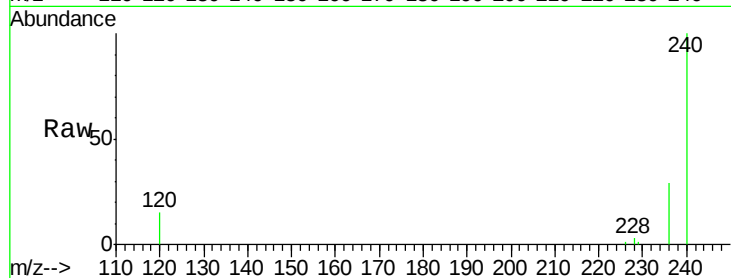
Tgt Ion:240 Resp: 101771

Ion Ratio Lower Upper

240 100

120 14.6 14.9 22.3#

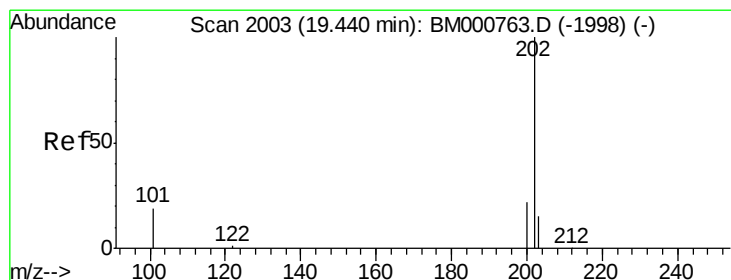
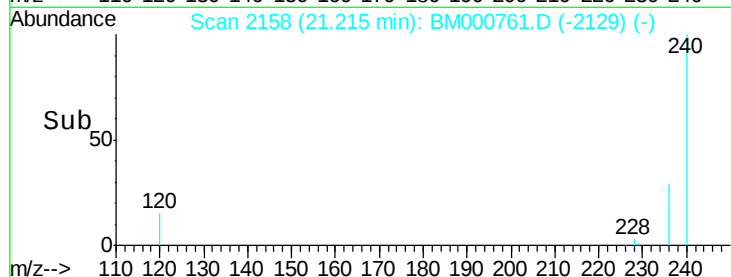
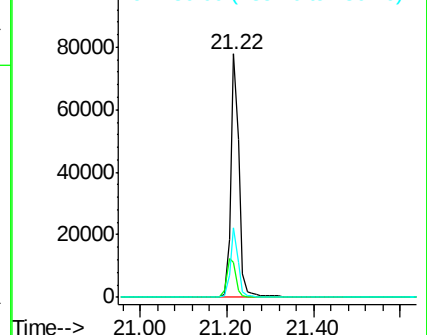
236 28.7 24.2 36.4



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: 0.64 ng

RT: 19.44 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BM000761.D

Acq: 31 Mar 2015 20:03

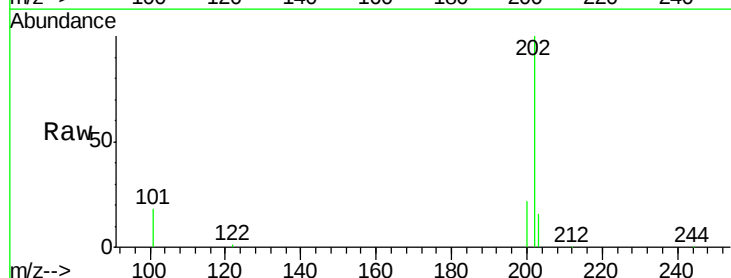
Tgt Ion:202 Resp: 16685

Ion Ratio Lower Upper

202 100

200 20.2 16.2 24.2

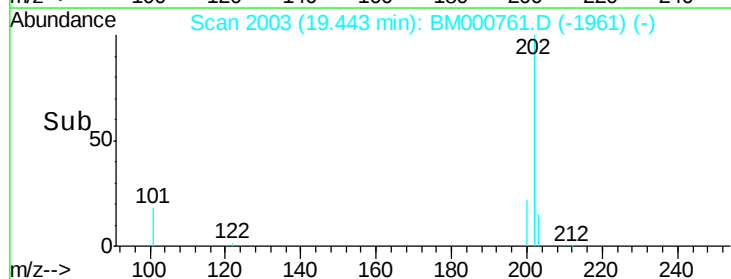
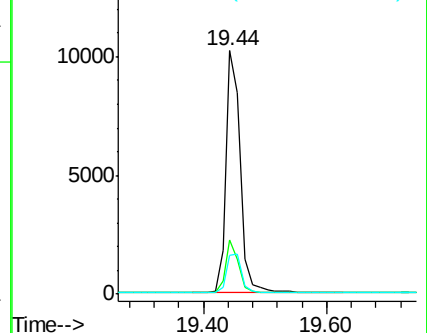
203 17.4 13.9 20.9

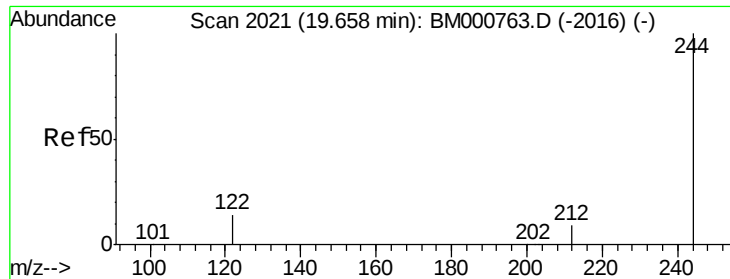


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

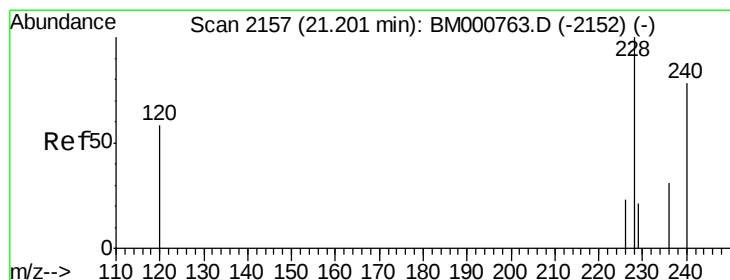
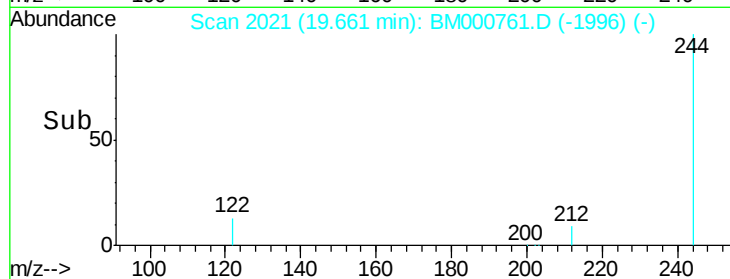
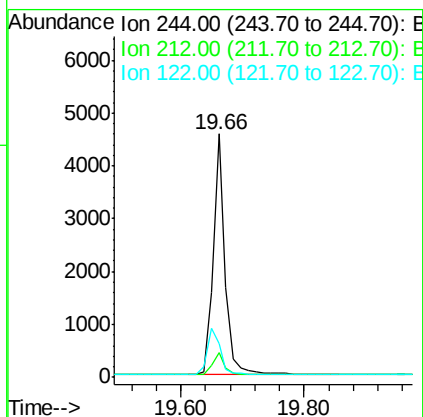
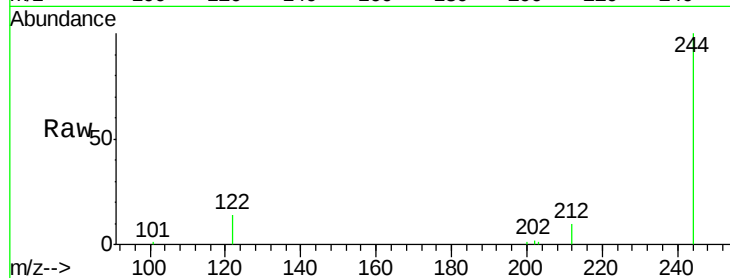




#21
 Terphenyl-d14
 Concen: 0.43 ng
 RT: 19.66 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BM000761.D
 Acq: 31 Mar 2015 20:03

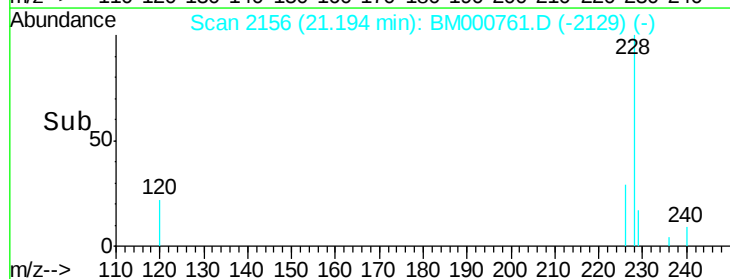
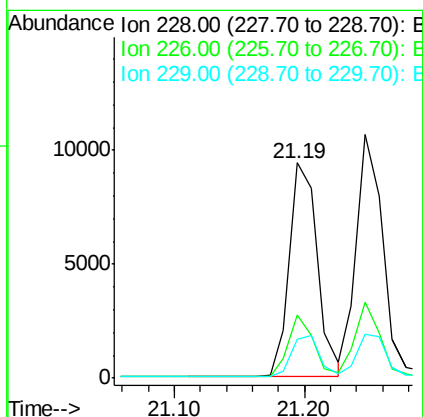
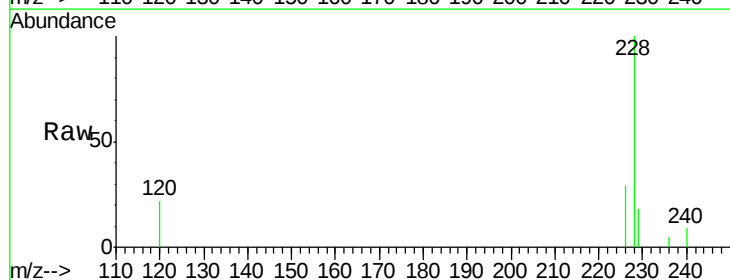
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.5

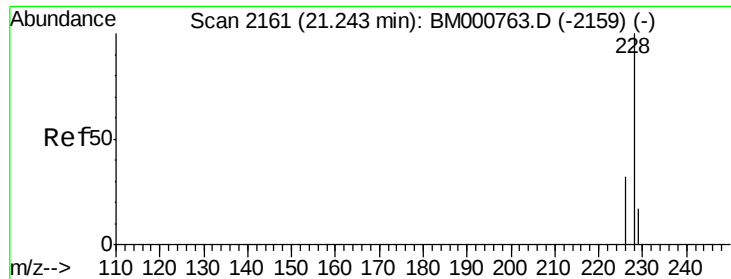
Tgt Ion:244 Resp: 6279
 Ion Ratio Lower Upper
 244 100
 212 10.1 7.8 11.6
 122 13.8 11.8 17.8



#22
 Benzo(a)anthracene
 Concen: 0.70 ng
 RT: 21.19 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BM000761.D
 Acq: 31 Mar 2015 20:03

Tgt Ion:228 Resp: 14039
 Ion Ratio Lower Upper
 228 100
 226 29.1 18.6 27.8#
 229 17.9 17.2 25.8





#23

Chrysene

Concen: 0.73 ng

RT: 21.25 min Scan# 2161

Delta R.T. 0.00 min

Lab File: BM000761.D

Acq: 31 Mar 2015 20:03

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

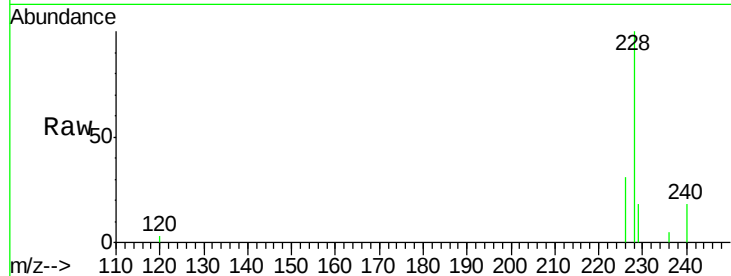
Tgt Ion:228 Resp: 15640

Ion Ratio Lower Upper

228 100

226 31.4 25.8 38.8

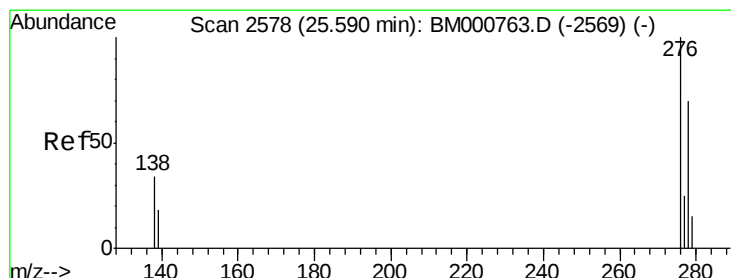
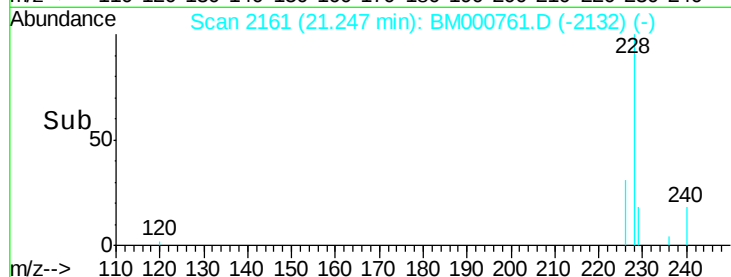
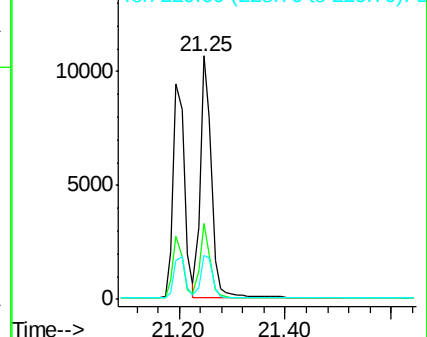
229 18.1 13.8 20.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#24

Indeno(1,2,3-cd)pyrene

Concen: 1.04 ng

RT: 25.59 min Scan# 2578

Delta R.T. 0.00 min

Lab File: BM000761.D

Acq: 31 Mar 2015 20:03

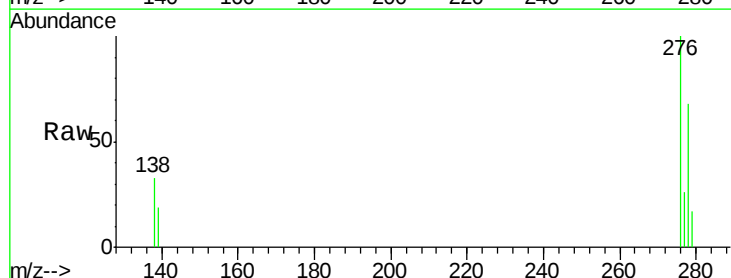
Tgt Ion:276 Resp: 15720

Ion Ratio Lower Upper

276 100

138 34.3 27.4 41.2

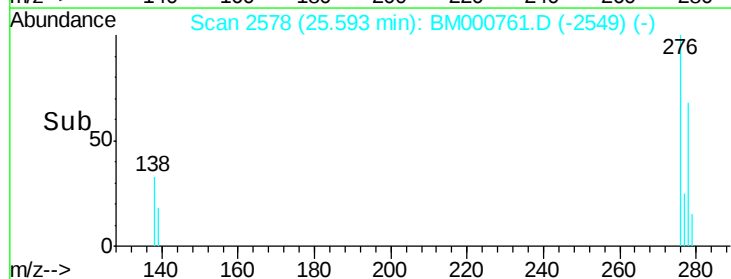
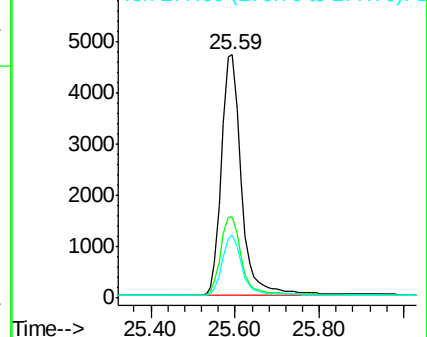
277 24.7 19.7 29.5

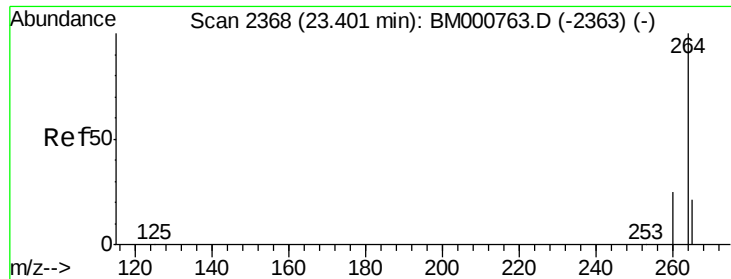


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

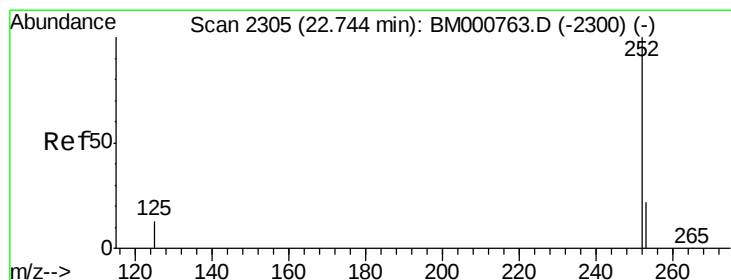
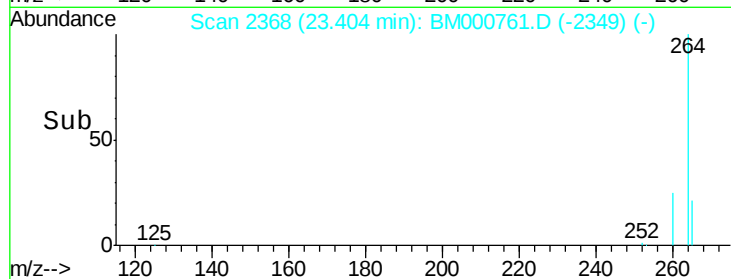
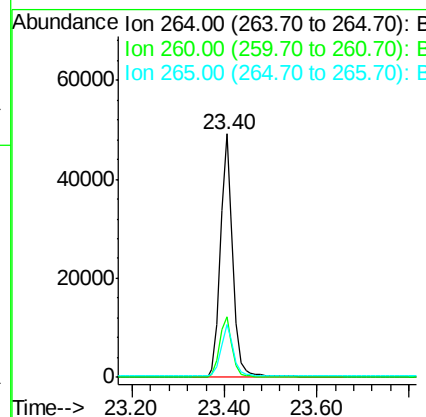
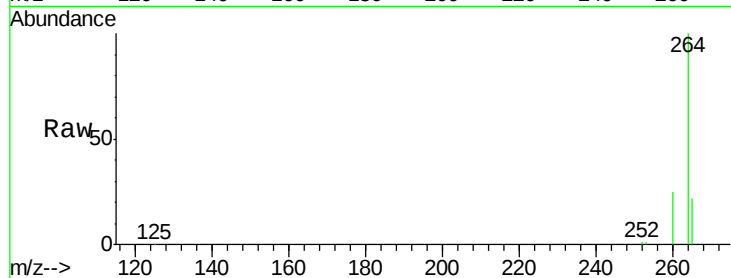




#25
Perylene-d12
 Concen: 5.00 ng
 RT: 23.40 min Scan# 2368
 Delta R.T. 0.00 min
 Lab File: BM000761.D
 Acq: 31 Mar 2015 20:03

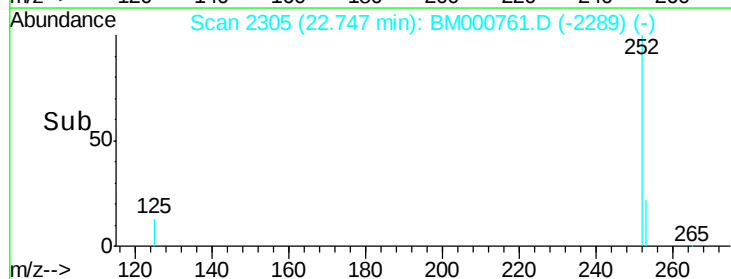
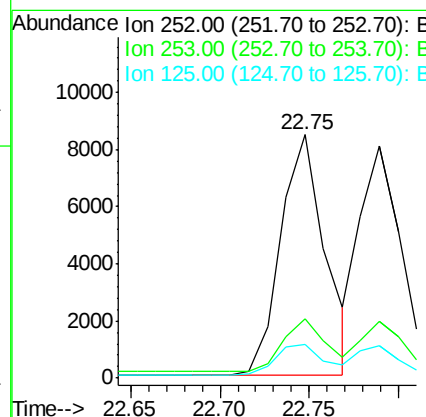
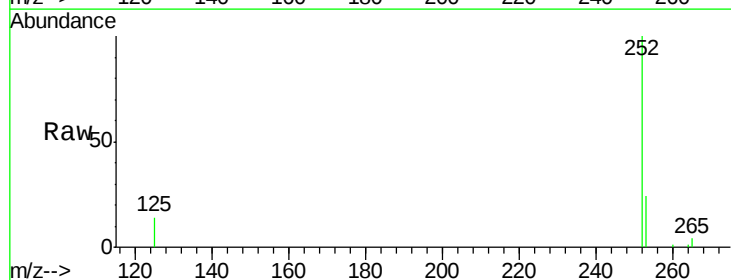
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.5

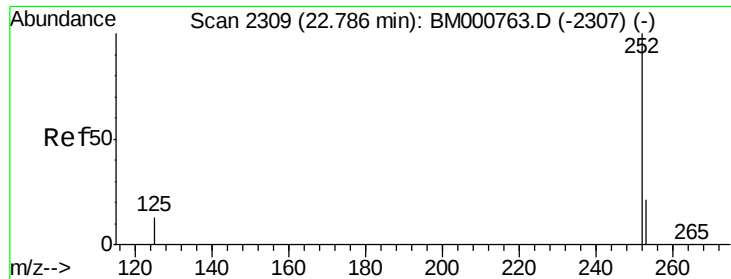
Tgt Ion: 264 Resp: 92035
 Ion Ratio Lower Upper
 264 100
 260 24.9 20.1 30.1
 265 21.5 17.4 26.0



#26
Benzo(b)fluoranthene
 Concen: 0.83 ng
 RT: 22.75 min Scan# 2305
 Delta R.T. 0.00 min
 Lab File: BM000761.D
 Acq: 31 Mar 2015 20:03

Tgt Ion: 252 Resp: 14599
 Ion Ratio Lower Upper
 252 100
 253 24.4 18.5 27.7
 125 13.8 10.6 16.0

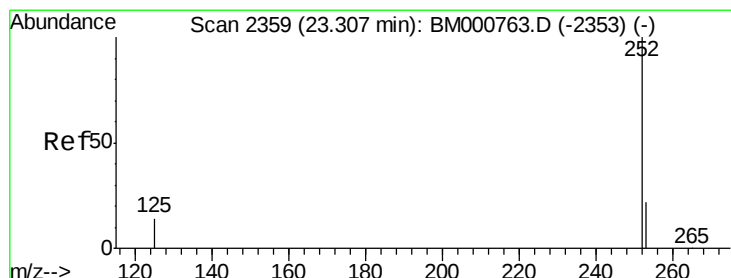
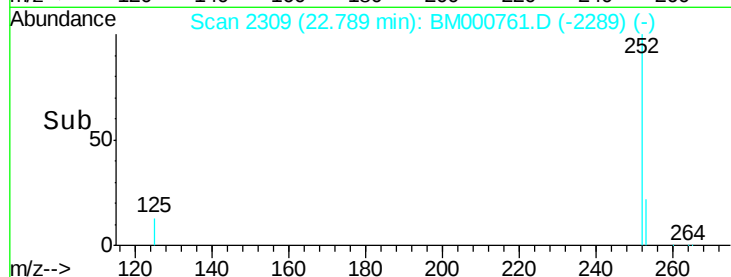
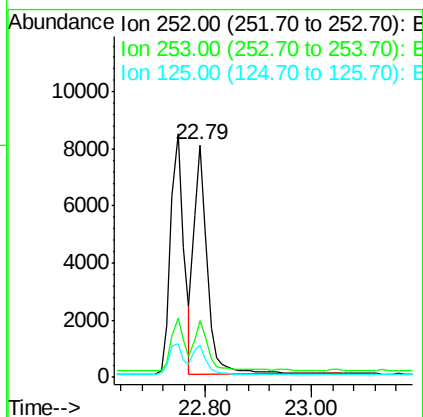
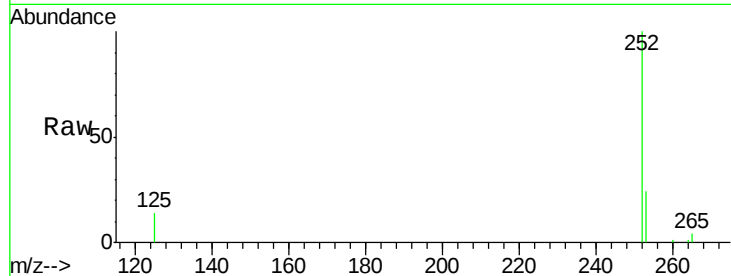




#27
Benzo(k)fluoranthene
Concen: 0.67 ng
RT: 22.79 min Scan# 2309
Delta R.T. 0.00 min
Lab File: BM000761.D
Acq: 31 Mar 2015 20:03

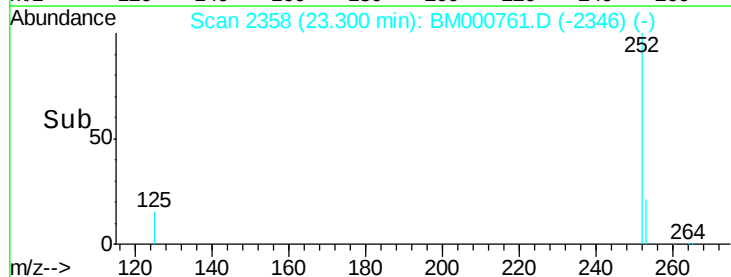
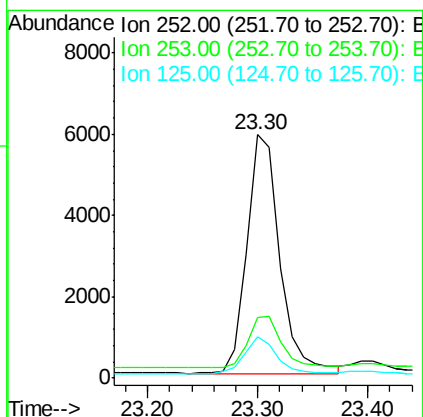
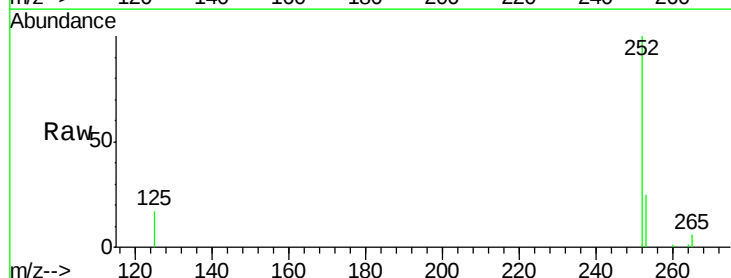
Instrument :
BNA_M
ClientSampleId :
SSTDIC0.5

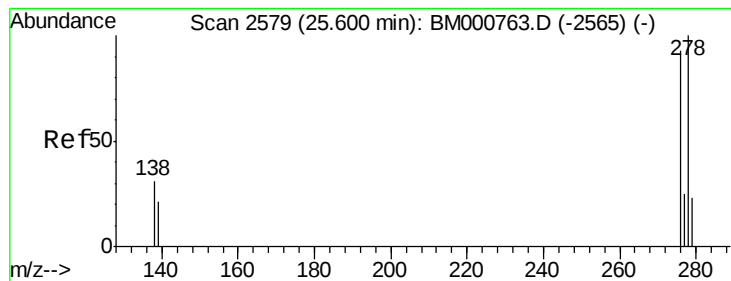
Tgt Ion:252 Resp: 13978
Ion Ratio Lower Upper
252 100
253 24.4 17.9 26.9
125 13.8 10.8 16.2



#28
Benzo(a)pyrene
Concen: 0.78 ng
RT: 23.30 min Scan# 2358
Delta R.T. -0.01 min
Lab File: BM000761.D
Acq: 31 Mar 2015 20:03

Tgt Ion:252 Resp: 12198
Ion Ratio Lower Upper
252 100
253 24.8 19.4 29.2
125 16.8 11.5 17.3



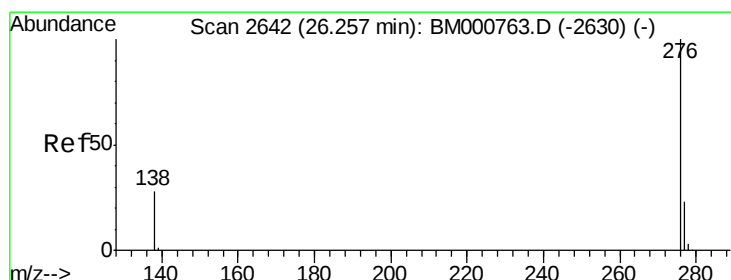
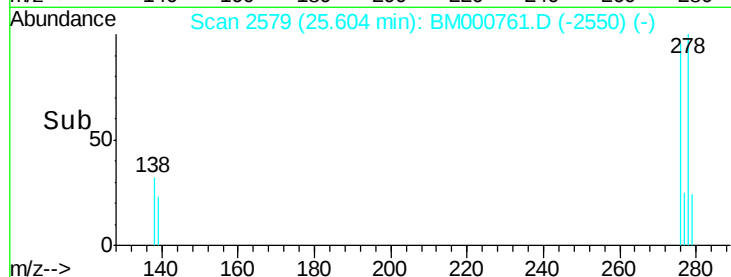
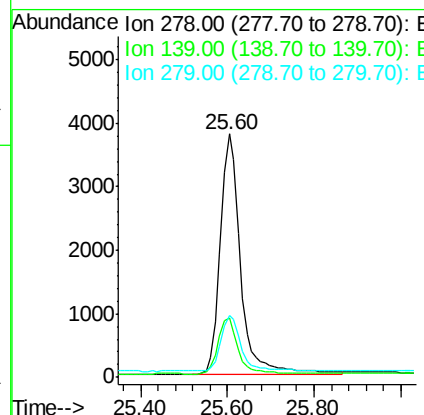
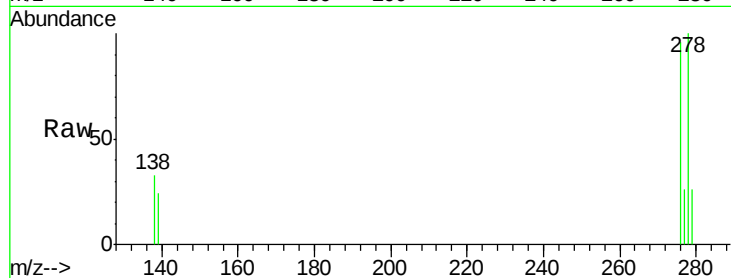


#29
Dibenzo(a,h)anthracene
Concen: 1.04 ng
RT: 25.60 min Scan# 2579
Delta R.T. 0.00 min
Lab File: BM000761.D
Acq: 31 Mar 2015 20:03

Instrument :
BNA_M
ClientSampleId :
SSTDIC0.5

Tgt Ion: 278 Resp: 12208

Ion	Ratio	Lower	Upper
278	100		
139	24.1	17.8	26.6
279	25.6	19.3	28.9



#30
Benzo(g,h,i)perylene
Concen: 0.90 ng
RT: 26.26 min Scan# 2642
Delta R.T. 0.00 min
Lab File: BM000761.D
Acq: 31 Mar 2015 20:03

Tgt Ion: 276 Resp: 13501

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.1	28.7
138	29.1	23.1	34.7

