

Data Path : Z:\HPCHEM1\BNA M\Data\BM040815\
 Data File : BM000918.D
 Acq On : 08 Apr 2015 22:09
 Operator : TP/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

Quant Time: Apr 09 09:57:15 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

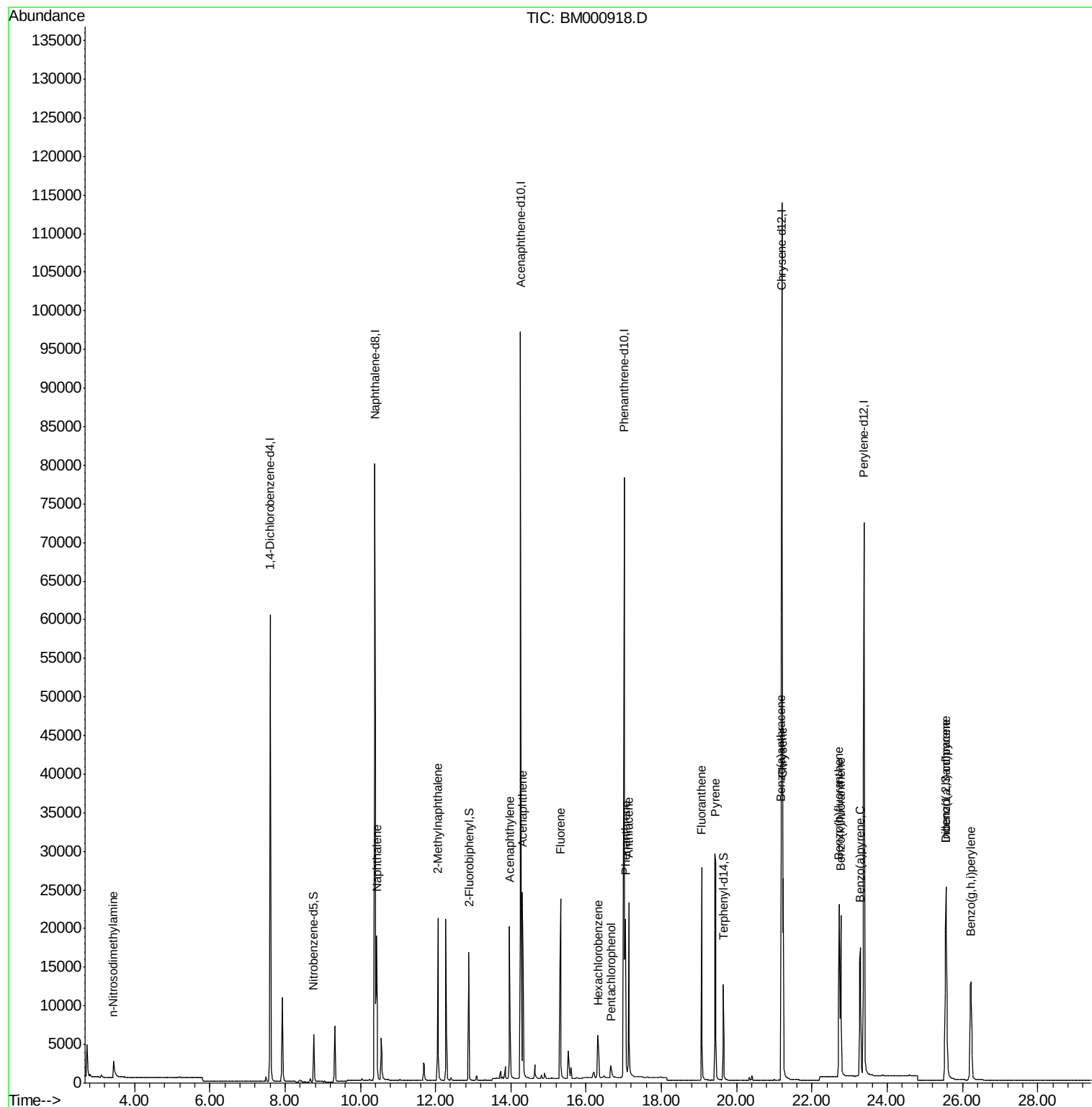
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	30773	5.00	ng	-0.01
4) Naphthalene-d8	10.39	136	106517	5.00	ng	-0.01
8) Acenaphthene-d10	14.26	164	53754	5.00	ng	-0.02
13) Phenanthrene-d10	17.01	188	117594	5.00	ng	0.00
19) Chrysene-d12	21.20	240	101401	5.00	ng	-0.01
25) Perylene-d12	23.38	264	93319	5.00	ng	-0.02
System Monitoring Compounds						
5) Nitrobenzene-d5	8.76	82	5187	0.97	ng	-0.01
9) 2-Fluorobiphenyl	12.88	172	16298	0.98	ng	-0.01
21) Terphenyl-d14	19.65	244	12785	1.05	ng	-0.01
Target Compounds						Ovalue
3) n-Nitrosodimethylamine	3.44	42	2868	0.96	ng	# 97
6) Naphthalene	10.44	128	24301	0.98	ng	100
7) 2-Methylnaphthalene	12.06	142	15611	1.00	ng	96
10) Acenaphthylene	13.97	152	23603	0.99	ng	100
11) Acenaphthene	14.31	154	15849	0.96	ng	98
12) Fluorene	15.32	166	18464	1.00	ng	100
14) Hexachlorobenzene	16.33	284	6163	0.89	ng	# 43
15) Pentachlorophenol	16.66	266	1736	1.28	ng	88
16) Phenanthrene	17.05	178	29694	0.92	ng	99
17) Anthracene	17.13	178	28325	1.05	ng	100
18) Fluoranthene	19.08	202	31853	1.00	ng	99
20) Pyrene	19.44	202	33209	1.00	ng	100
22) Benzo(a)anthracene	21.18	228	29128	1.01	ng	# 89
23) Chrysene	21.23	228	30110	0.99	ng	100
24) Indeno(1,2,3-cd)pyrene	25.56	276	30838	0.98	ng	99
26) Benzo(b)fluoranthene	22.72	252	28009	0.95	ng	98
27) Benzo(k)fluoranthene	22.76	252	28893	1.02	ng	98
28) Benzo(a)pyrene	23.29	252	24998	0.99	ng	99
29) Dibenzo(a,h)anthracene	25.57	278	23740	0.95	ng	99
30) Benzo(a,h,i)perylene	26.23	276	26173	0.97	ng	99

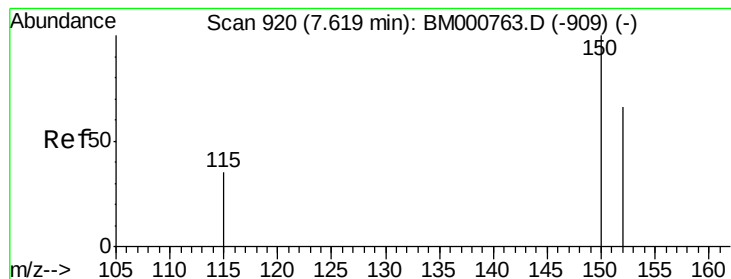
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\Data\BM040815\
Data File : BM000918.D
Acq On : 08 Apr 2015 22:09
Operator : TP/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Quant Time: Apr 09 09:57:15 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: BM000918.D

Acq: 08 Apr 2015 22:09

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

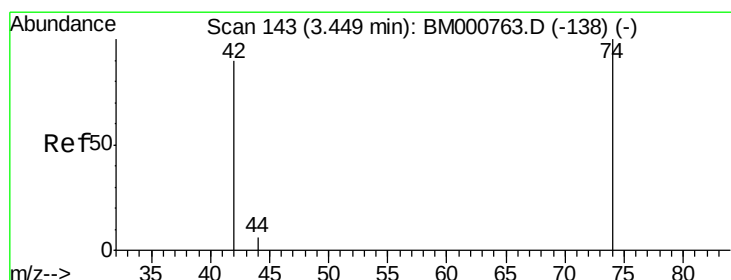
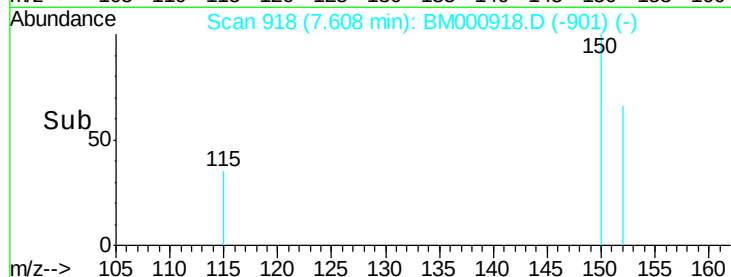
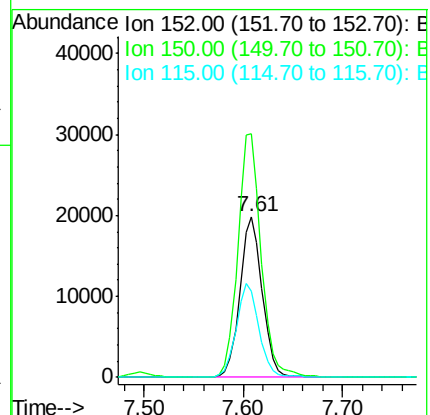
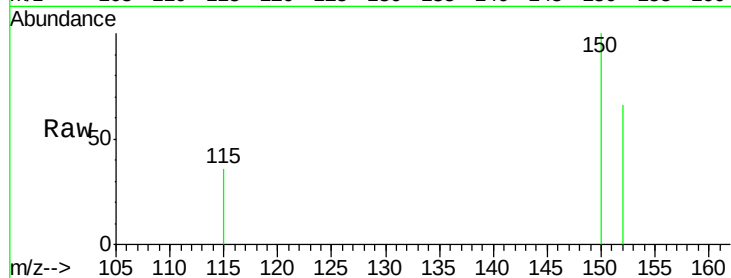
Tot Ion:152 Resp: 30773

Ion Ratio Lower Upper

152 100

150 151.4 120.8 181.2

115 54.0 42.7 64.1



#3

n-Nitrosodimethylamine

Concen: 0.96 ng

RT: 3.44 min Scan# 142

Delta R.T. -0.00 min

Lab File: BM000918.D

Acq: 08 Apr 2015 22:09

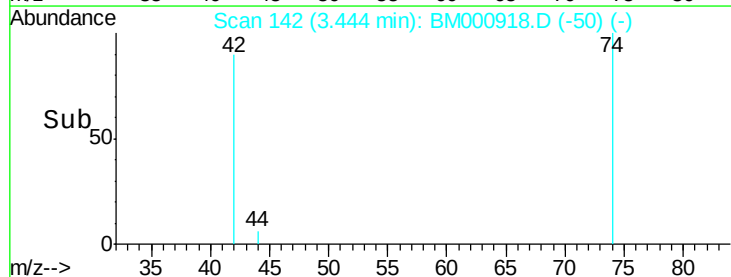
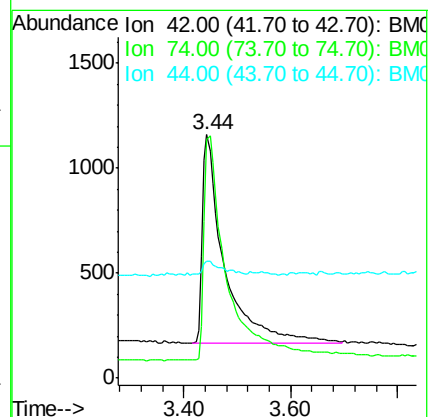
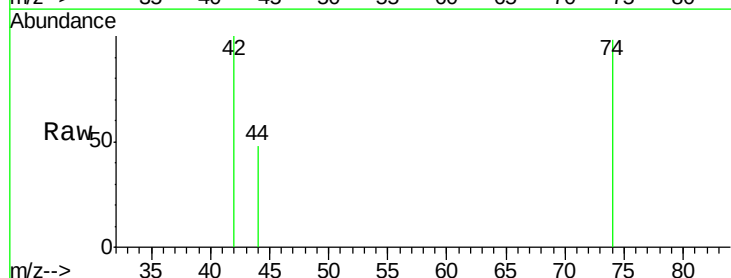
Tgt Ion: 42 Resp: 2868

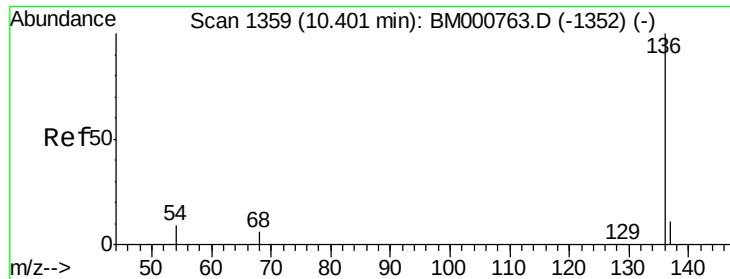
Ion Ratio Lower Upper

42 100

74 114.1 93.6 140.4

44 5.3 6.3 9.5





#4

Naphthalene-d8

Concen: 5.00 ng

RT: 10.39 min Scan# 1358

Delta R.T. -0.01 min

Lab File: BM000918.D

Acq: 08 Apr 2015 22:09

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

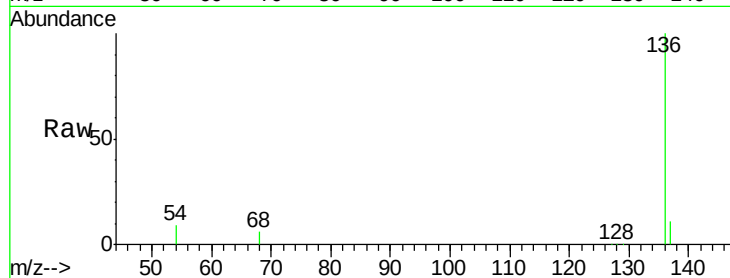
Tot Ion:136 Resp: 106517

Ion Ratio Lower Upper

136 100

137 10.7 8.6 12.8

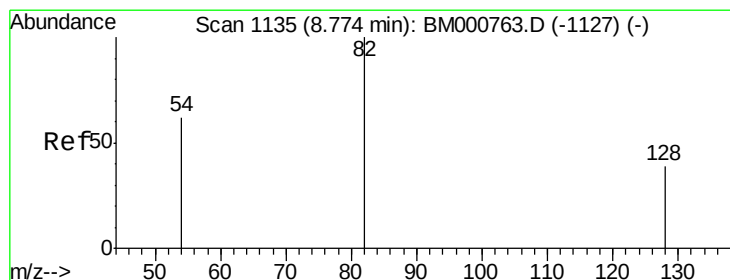
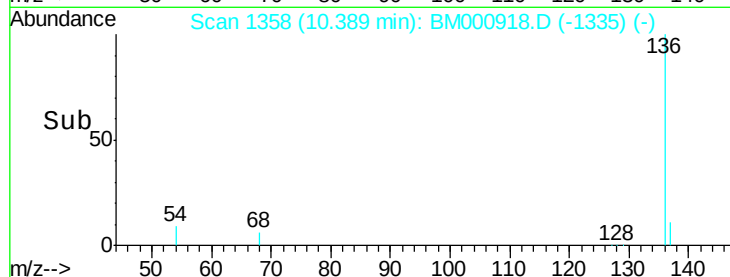
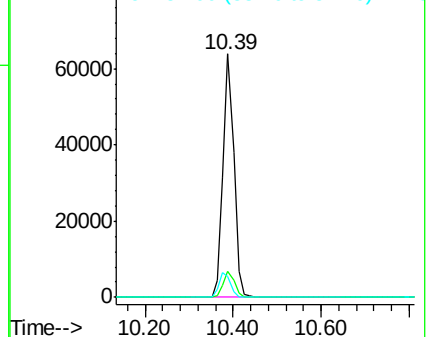
54 8.7 7.0 10.6



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: 0.97 ng

RT: 8.76 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BM000918.D

Acq: 08 Apr 2015 22:09

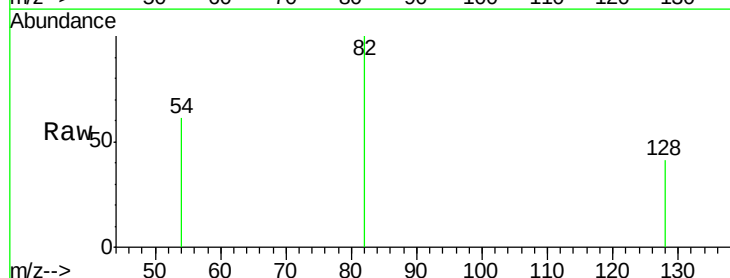
Tgt Ion: 82 Resp: 5187

Ion Ratio Lower Upper

82 100

128 41.3 32.2 48.2

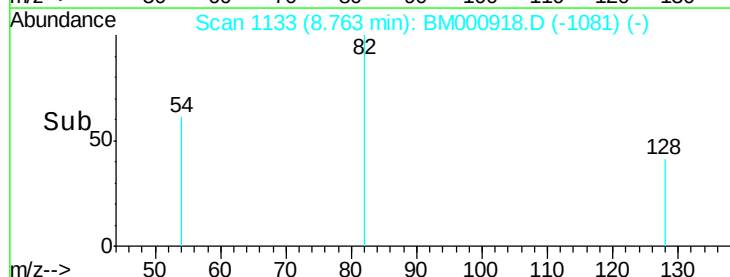
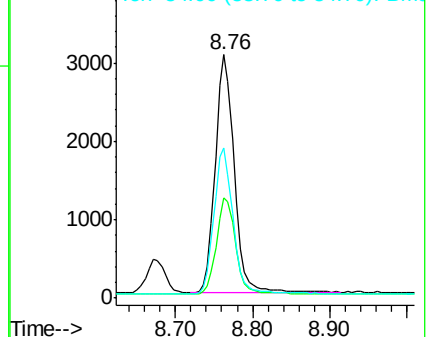
54 61.4 50.2 75.4

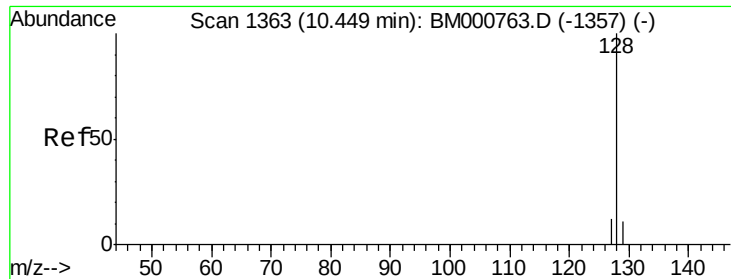


Abundance Ion 82.00 (81.70 to 82.70): B

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): B





#6

Naphthalene

Concen: 0.98 ng

RT: 10.44 min Scan# 1362

Delta R.T. -0.01 min

Lab File: BM000918.D

Acq: 08 Apr 2015 22:09

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

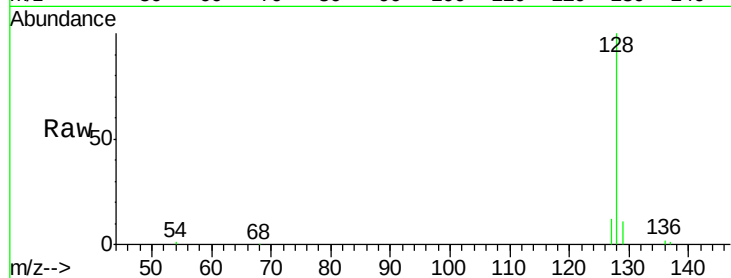
Tot Ion:128 Resp: 24301

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

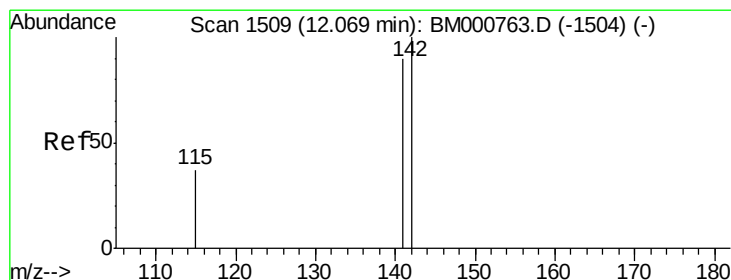
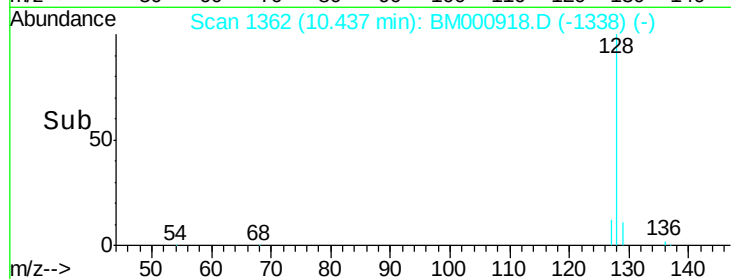
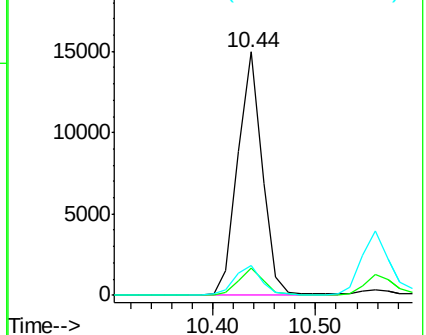
127 12.4 10.0 15.0



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: 1.00 ng

RT: 12.06 min Scan# 1508

Delta R.T. -0.01 min

Lab File: BM000918.D

Acq: 08 Apr 2015 22:09

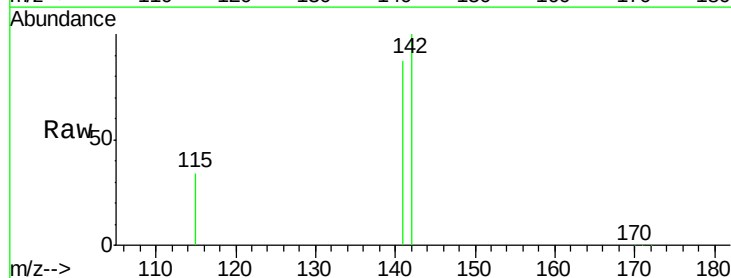
Tgt Ion:142 Resp: 15611

Ion Ratio Lower Upper

142 100

141 87.0 72.3 108.5

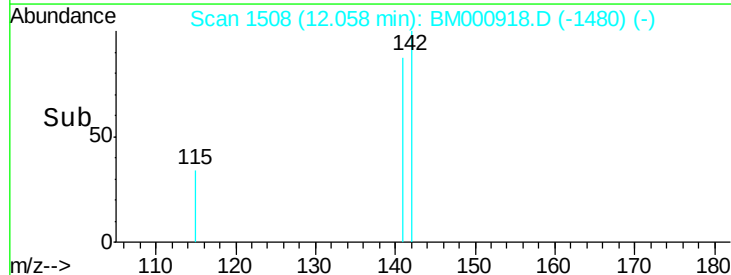
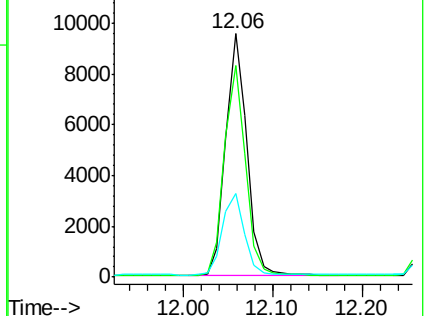
115 34.3 29.5 44.3

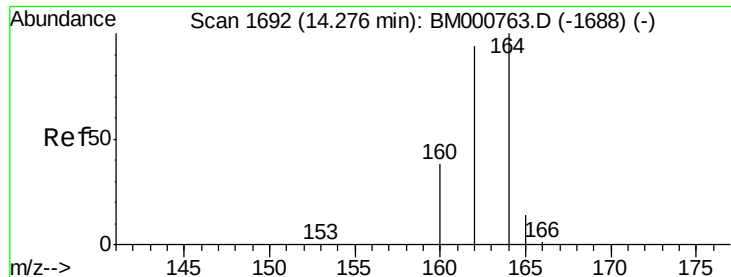


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.26 min Scan# 1691

Delta R.T. -0.02 min

Lab File: BM000918.D

Acq: 08 Apr 2015 22:09

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

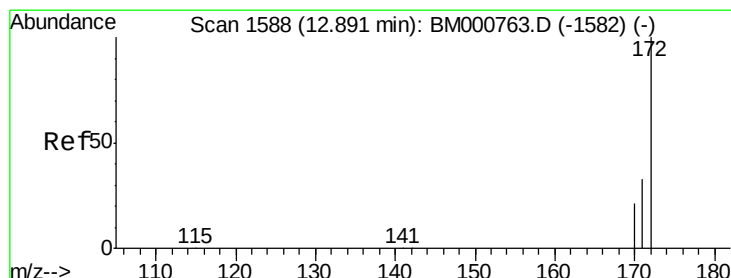
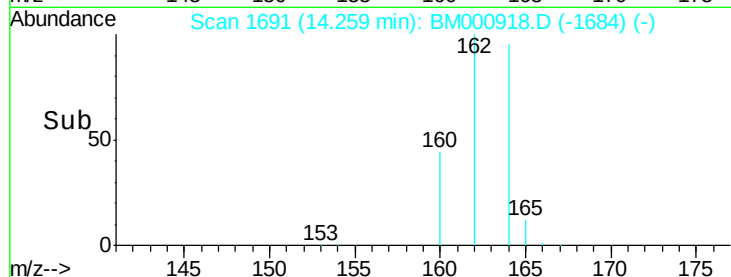
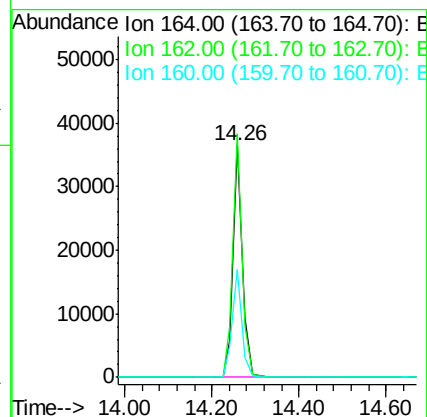
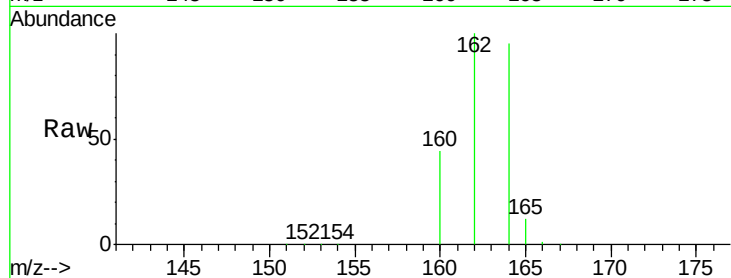
Tot Ion:164 Resp: 53754

Ion Ratio Lower Upper

164 100

162 105.0 75.4 113.2

160 46.7 30.8 46.2#



#9

2-Fluorobiphenyl

Concen: 0.98 ng

RT: 12.88 min Scan# 1587

Delta R.T. -0.01 min

Lab File: BM000918.D

Acq: 08 Apr 2015 22:09

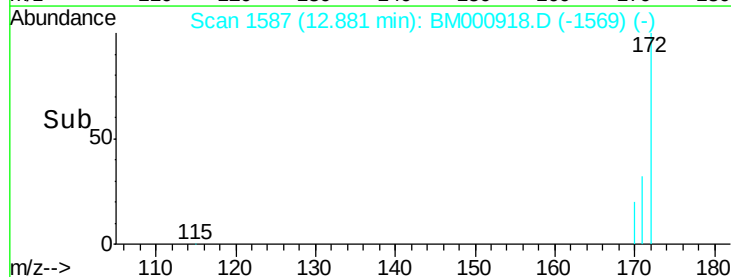
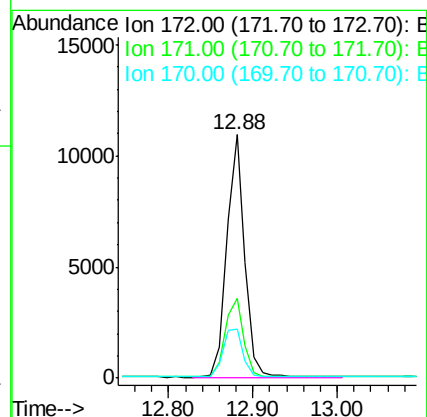
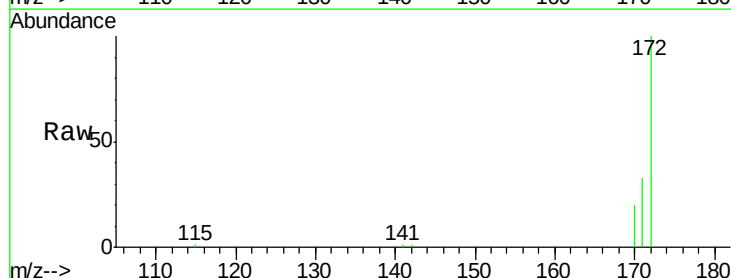
Tgt Ion:172 Resp: 16298

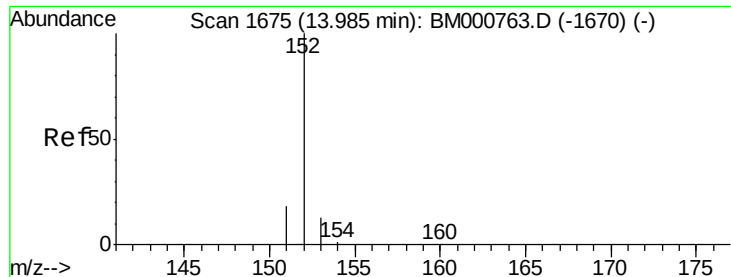
Ion Ratio Lower Upper

172 100

171 32.7 26.6 39.8

170 20.3 17.1 25.7





#10

Acenaphthylene

Concen: 0.99 ng

RT: 13.97 min Scan# 1674

Delta R.T. -0.02 min

Lab File: BM000918.D

Acq: 08 Apr 2015 22:09

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

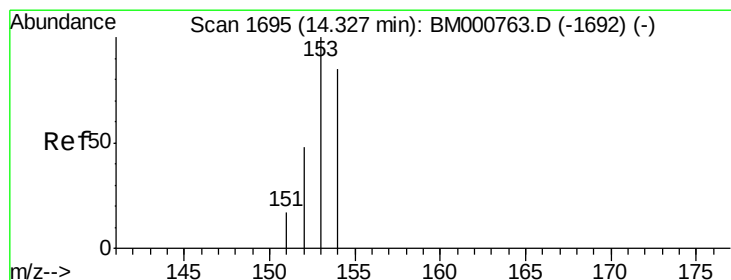
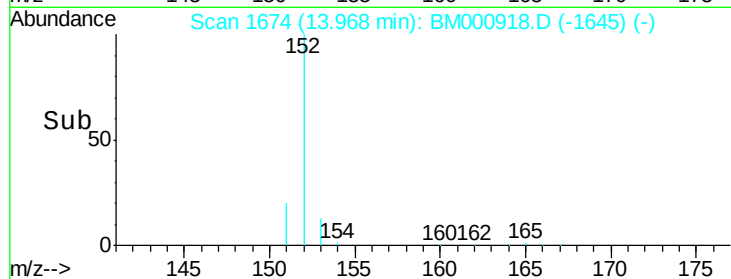
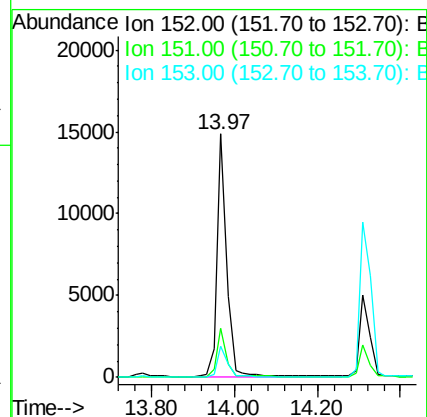
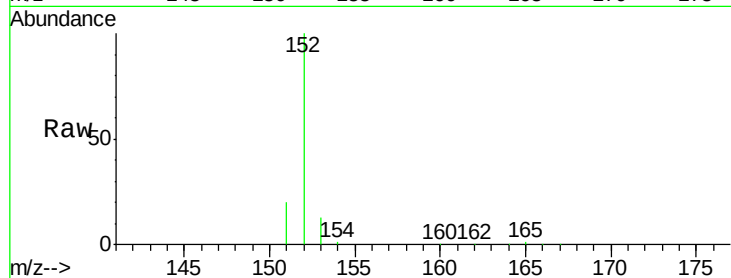
Tot Ion:152 Resp: 23603

Ion Ratio Lower Upper

152 100

151 18.8 15.1 22.7

153 12.8 10.2 15.4



#11

Acenaphthene

Concen: 0.96 ng

RT: 14.31 min Scan# 1694

Delta R.T. -0.02 min

Lab File: BM000918.D

Acq: 08 Apr 2015 22:09

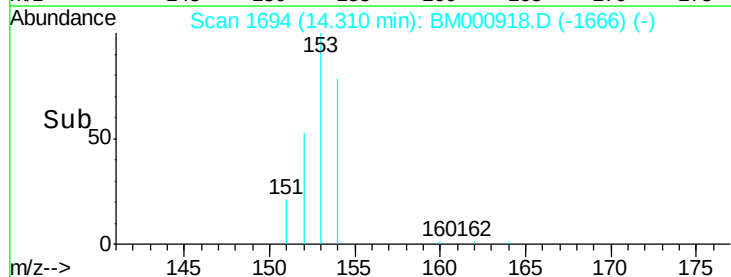
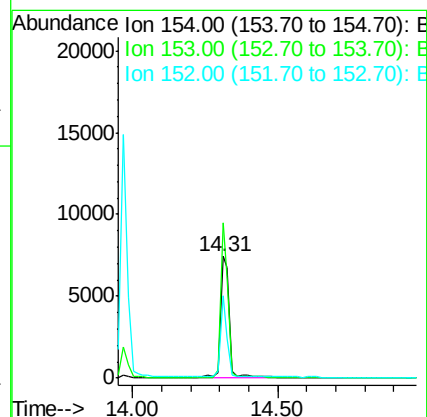
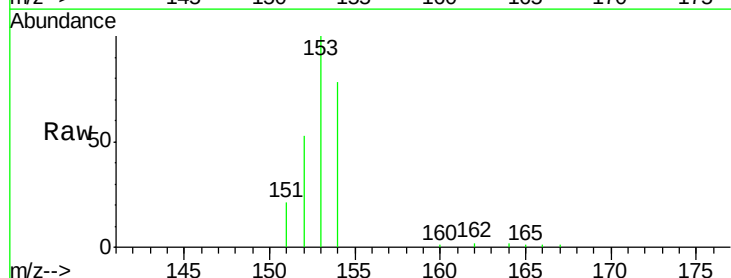
Tgt Ion:154 Resp: 15849

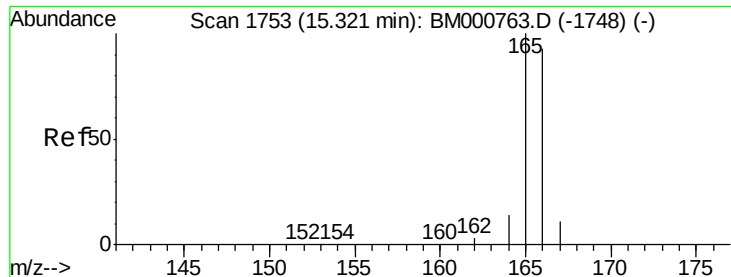
Ion Ratio Lower Upper

154 100

153 107.6 87.3 130.9

152 51.7 43.0 64.6





#12

Fluorene

Concen: 1.00 ng

RT: 15.32 min Scan# 1753

Delta R.T. 0.00 min

Lab File: BM000918.D

Acq: 08 Apr 2015 22:09

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

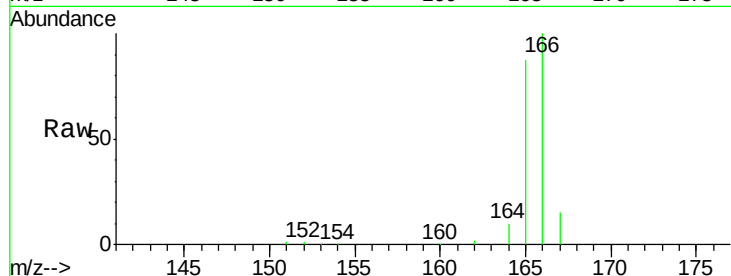
Tot Ion:166 Resp: 18464

Ion Ratio Lower Upper

166 100

165 97.5 78.2 117.2

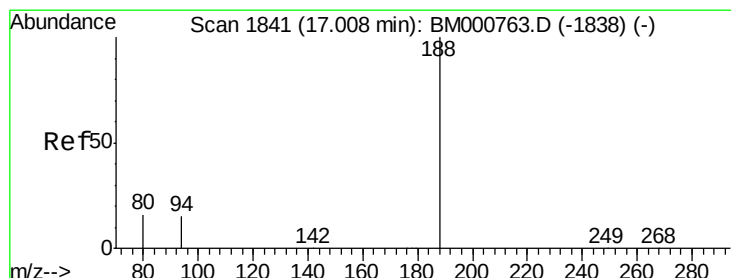
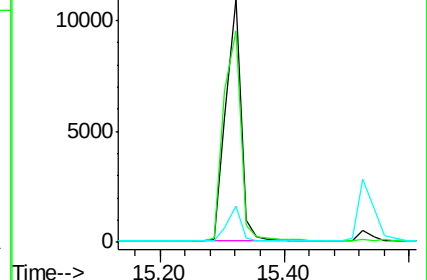
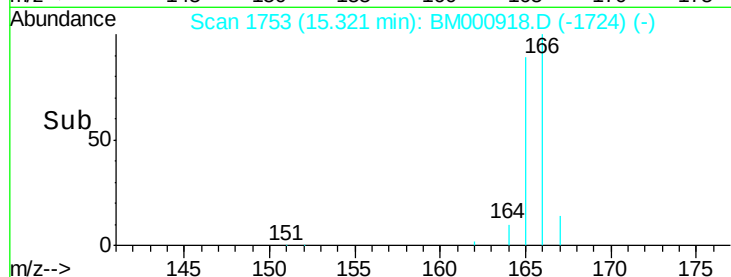
167 13.4 10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#13

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.01 min Scan# 1841

Delta R.T. 0.00 min

Lab File: BM000918.D

Acq: 08 Apr 2015 22:09

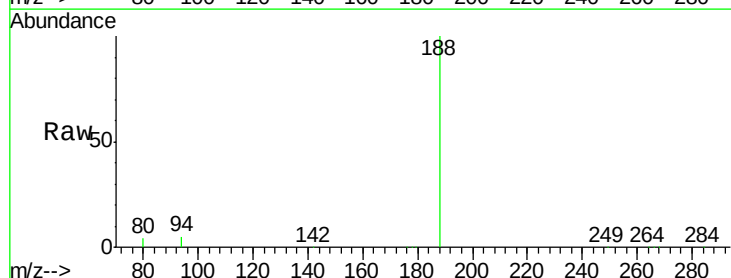
Tgt Ion:188 Resp: 117594

Ion Ratio Lower Upper

188 100

94 4.6 12.0 18.0#

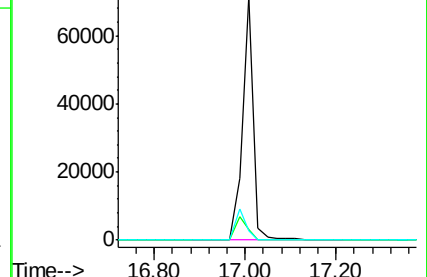
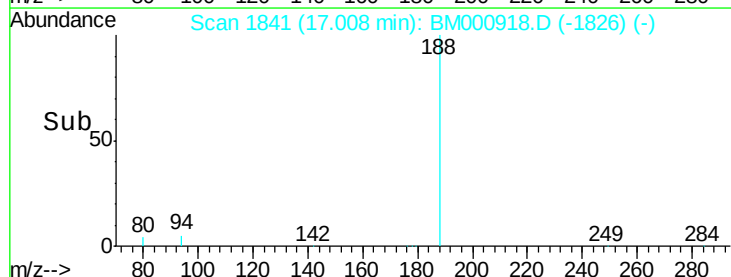
80 4.0 12.8 19.2#

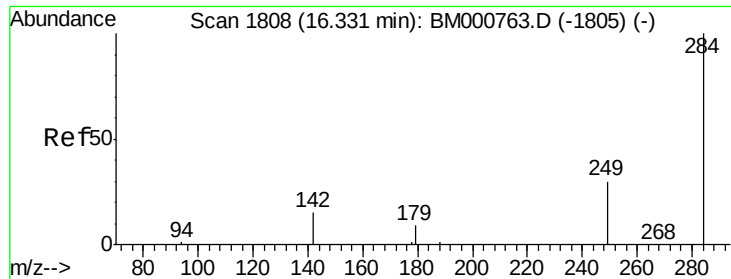


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM





#14

Hexachlorobenzene

Concen: 0.89 ng

RT: 16.33 min Scan# 1808

Delta R.T. 0.00 min

Lab File: BM000918.D

Acq: 08 Apr 2015 22:09

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

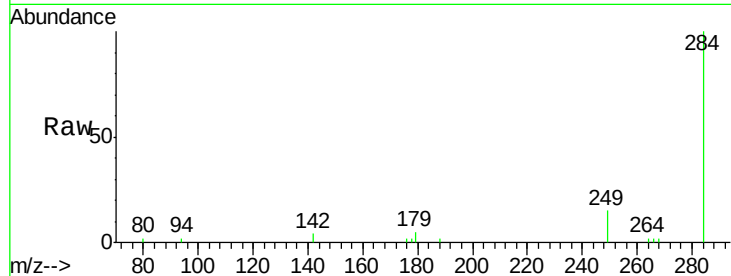
Tot Ion:284 Resp: 6163

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

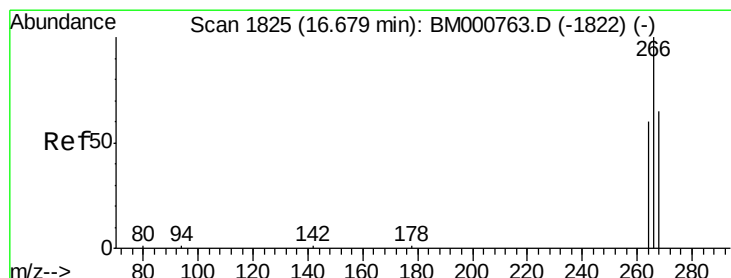
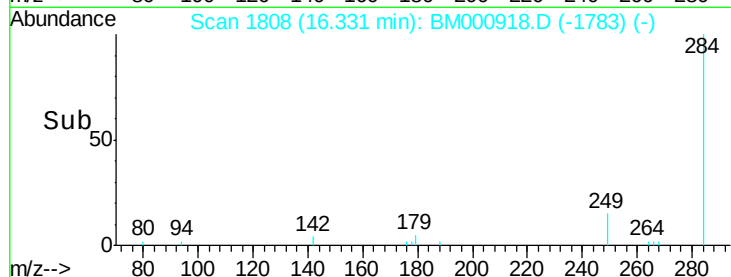
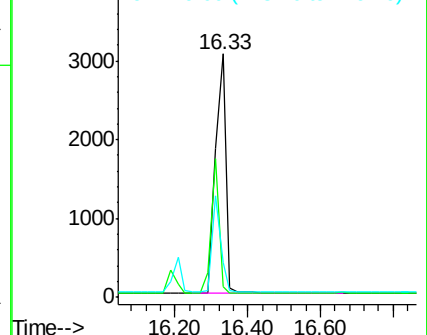
249 0.0 25.2 37.8#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#15

Pentachlorophenol

Concen: 1.28 ng

RT: 16.66 min Scan# 1824

Delta R.T. -0.02 min

Lab File: BM000918.D

Acq: 08 Apr 2015 22:09

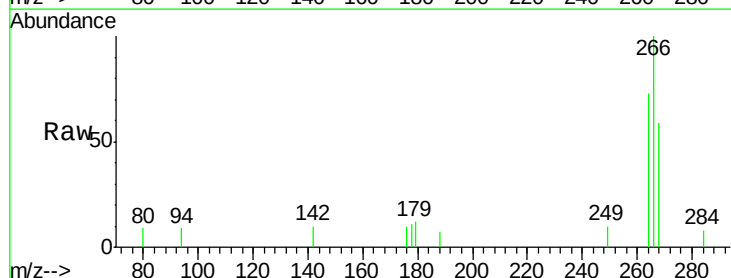
Tgt Ion:266 Resp: 1736

Ion Ratio Lower Upper

266 100

268 59.2 55.0 82.6

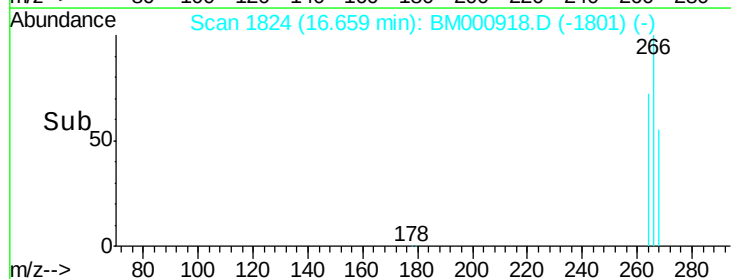
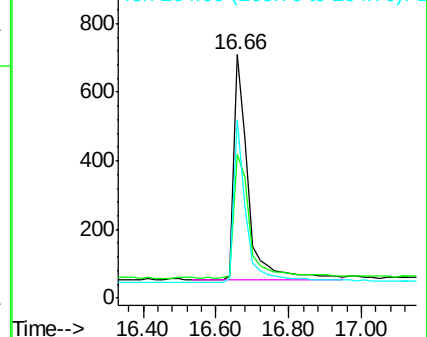
264 73.5 51.0 76.4

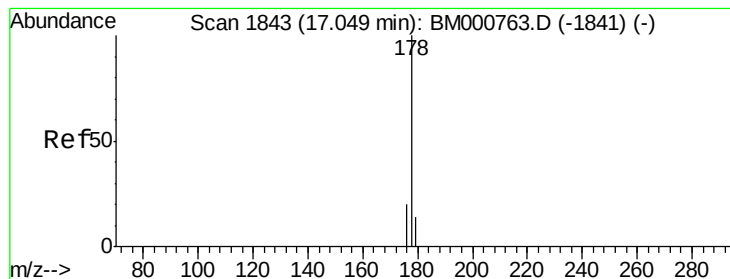


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#16

Phenanthrene

Concen: 0.92 ng

RT: 17.05 min Scan# 1843

Delta R.T. 0.00 min

Lab File: BM000918.D

Acq: 08 Apr 2015 22:09

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

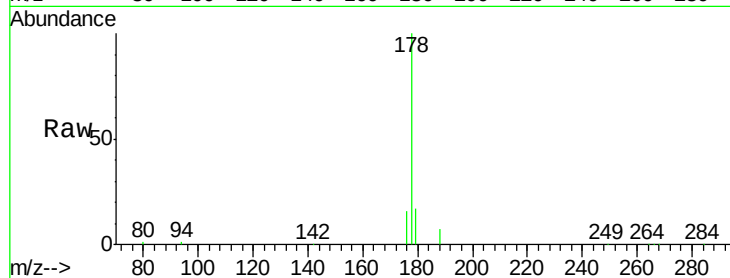
Tot Ion:178 Resp: 29694

Ion Ratio Lower Upper

178 100

176 18.7 15.3 22.9

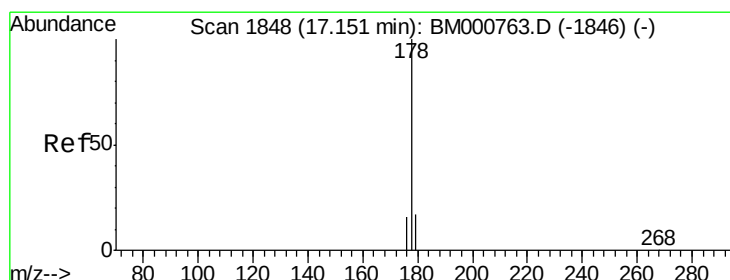
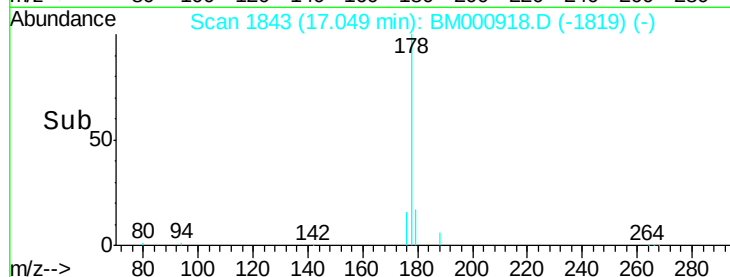
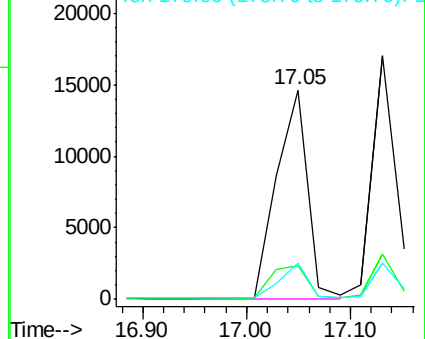
179 15.7 12.2 18.2



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



#17

Anthracene

Concen: 1.05 ng

RT: 17.13 min Scan# 1847

Delta R.T. -0.02 min

Lab File: BM000918.D

Acq: 08 Apr 2015 22:09

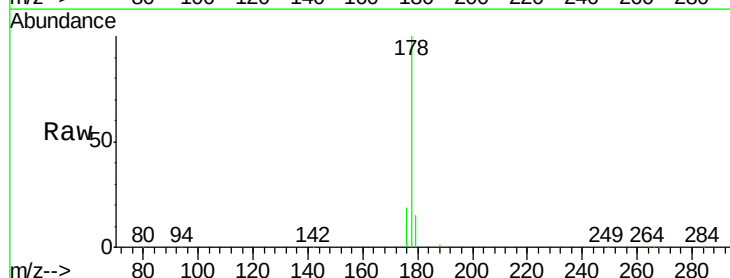
Tgt Ion:178 Resp: 28325

Ion Ratio Lower Upper

178 100

176 18.1 14.6 22.0

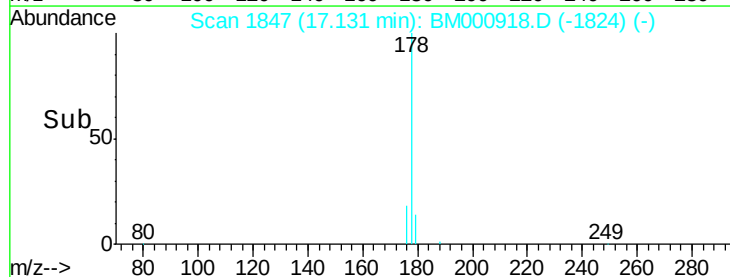
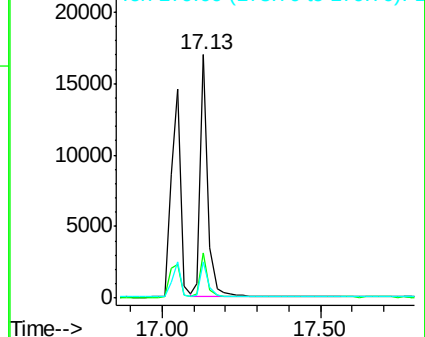
179 15.1 12.2 18.4

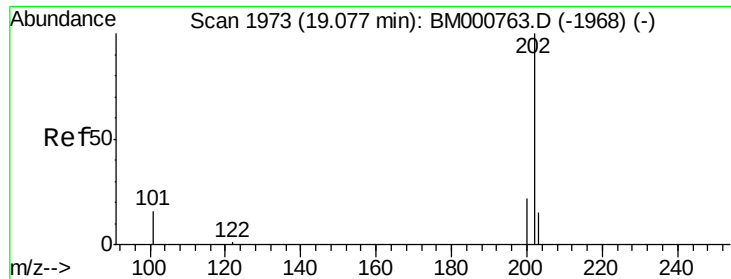


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

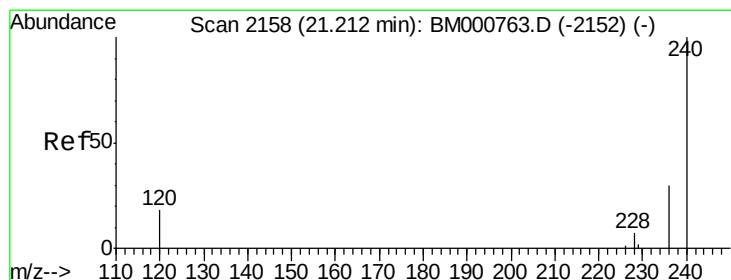
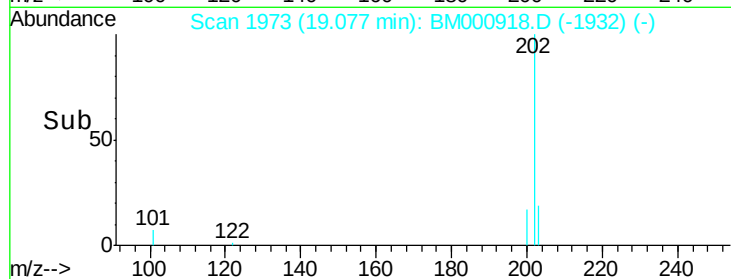
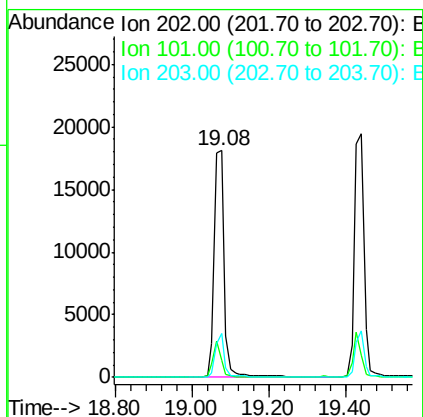
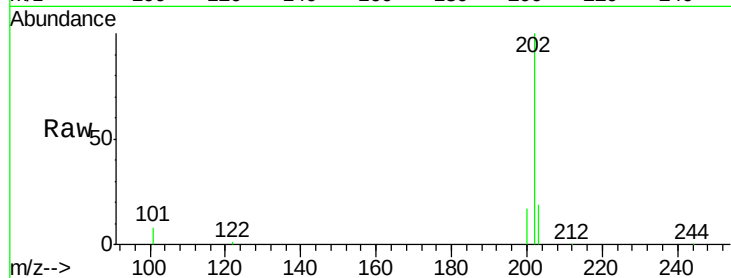




#18
Fluoranthene
Concen: 1.00 ng
RT: 19.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BM000918.D
Acq: 08 Apr 2015 22:09

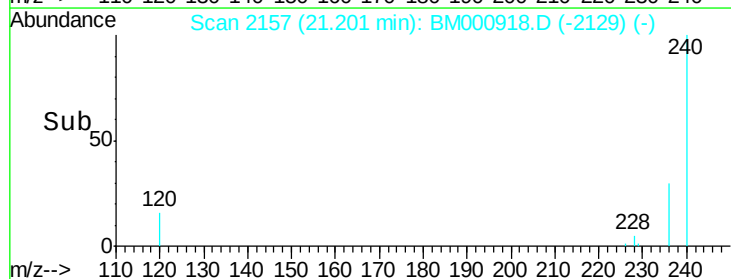
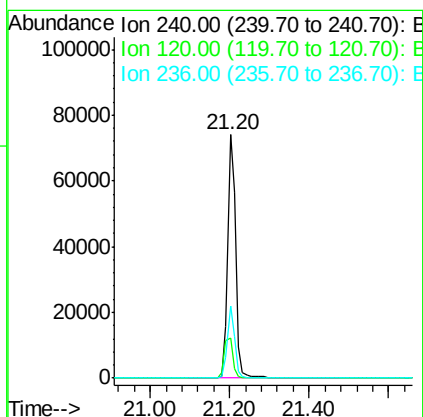
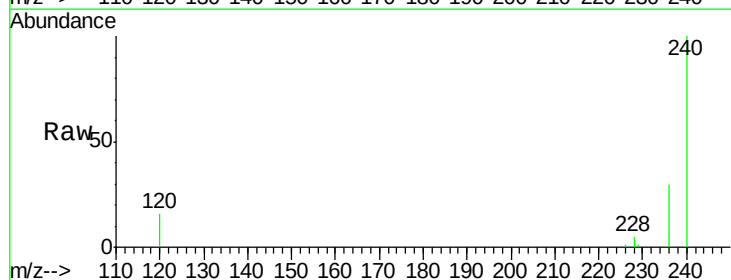
Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

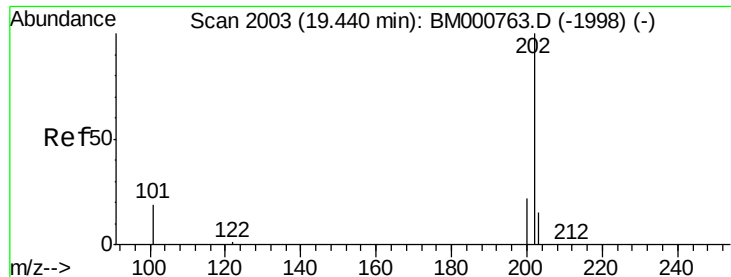
Tot Ion:202 Resp: 31853
Ion Ratio Lower Upper
202 100
101 12.6 10.5 15.7
203 17.1 13.8 20.8



#19
Chrysene-d12
Concen: 5.00 ng
RT: 21.20 min Scan# 2157
Delta R.T. -0.01 min
Lab File: BM000918.D
Acq: 08 Apr 2015 22:09

Tgt Ion:240 Resp: 101401
Ion Ratio Lower Upper
240 100
120 16.2 14.9 22.3
236 29.7 24.2 36.4

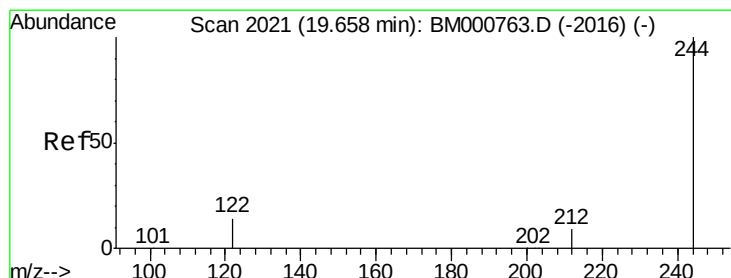
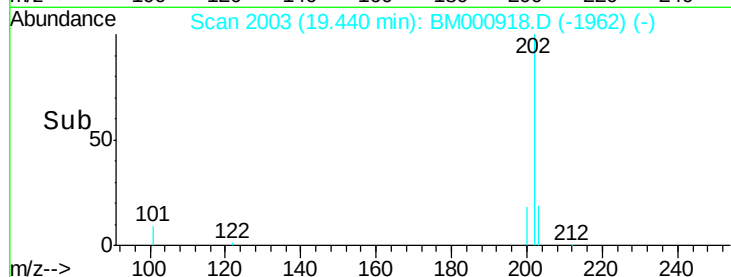
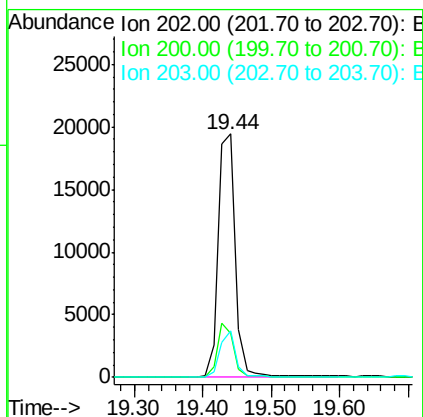
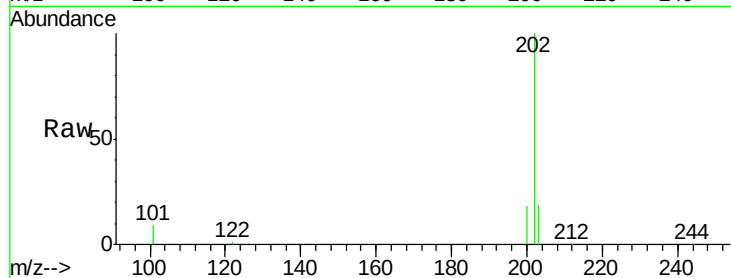




#20
Pvrene
Concen: 1.00 ng
RT: 19.44 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BM000918.D
Acq: 08 Apr 2015 22:09

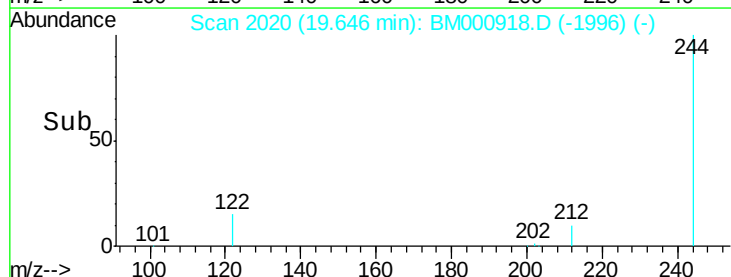
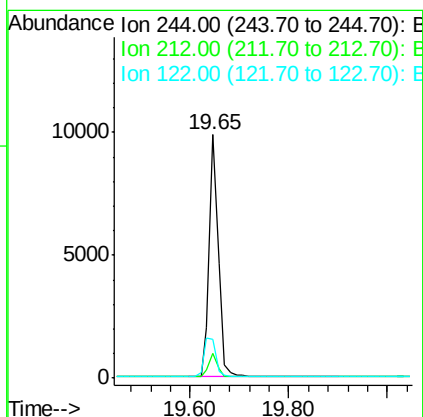
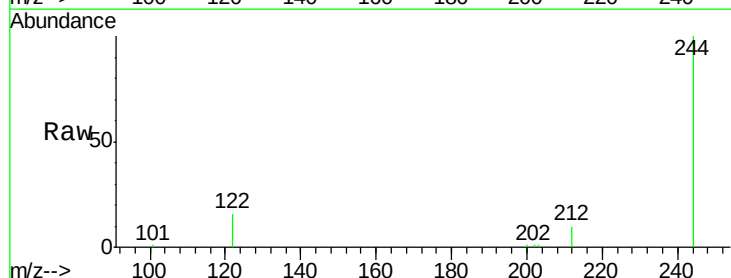
Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

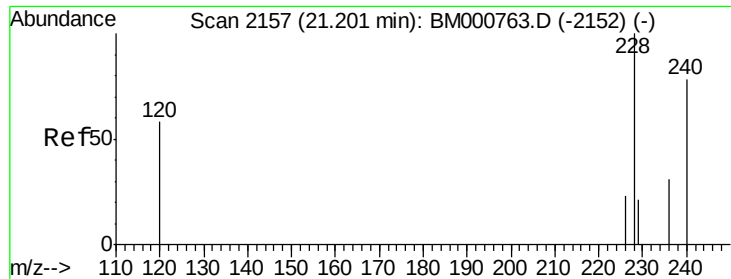
Tot Ion:202 Resp: 33209
Ion Ratio Lower Upper
202 100
200 20.4 16.2 24.2
203 17.3 13.9 20.9



#21
Terphenyl-d14
Concen: 1.05 ng
RT: 19.65 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BM000918.D
Acq: 08 Apr 2015 22:09

Tgt Ion:244 Resp: 12785
Ion Ratio Lower Upper
244 100
212 10.0 7.8 11.6
122 15.7 11.8 17.8





#22

Benzo(a)anthracene

Concen: 1.01 ng

RT: 21.18 min Scan# 2155

Delta R.T. -0.02 min

Lab File: BM000918.D

Acq: 08 Apr 2015 22:09

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

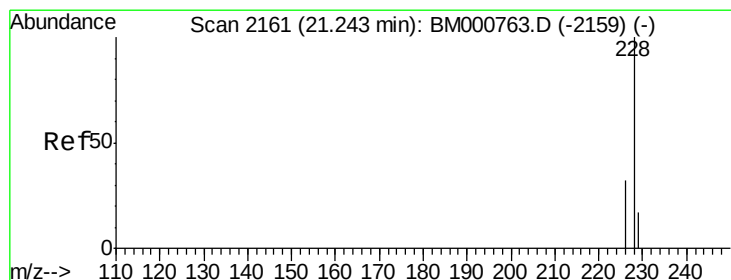
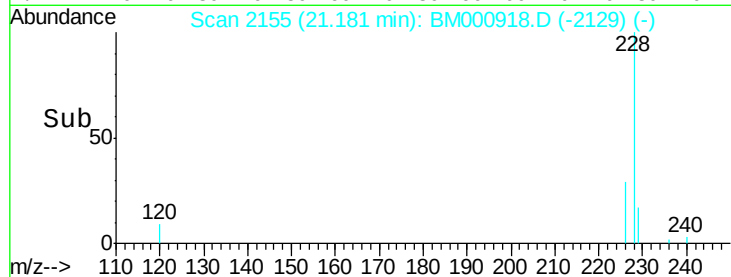
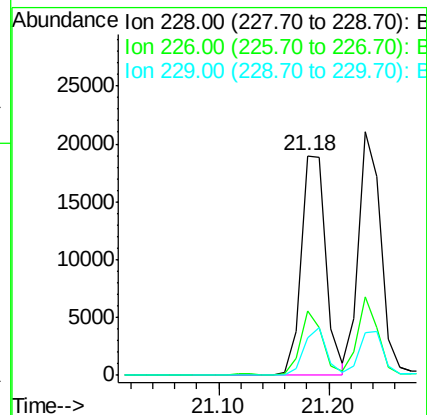
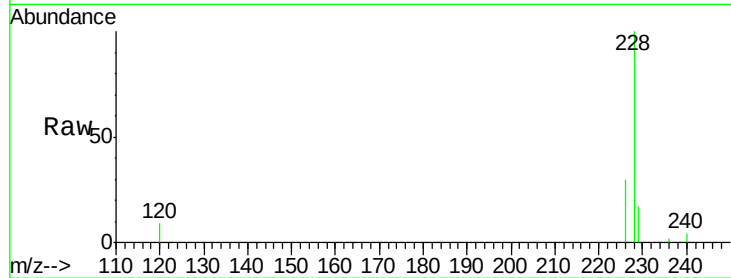
Tot Ion:228 Resp: 29128

Ion Ratio Lower Upper

228 100

226 29.6 18.6 27.8#

229 17.1 17.2 25.8#



#23

Chrysene

Concen: 0.99 ng

RT: 21.23 min Scan# 2160

Delta R.T. -0.01 min

Lab File: BM000918.D

Acq: 08 Apr 2015 22:09

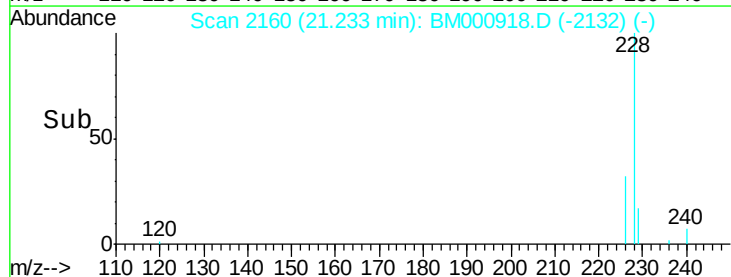
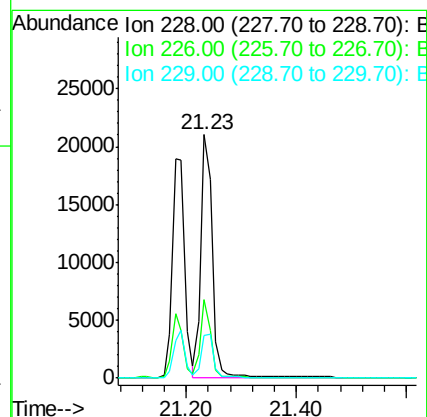
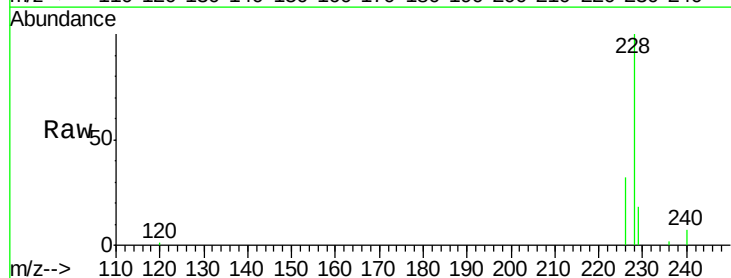
Tgt Ion:228 Resp: 30110

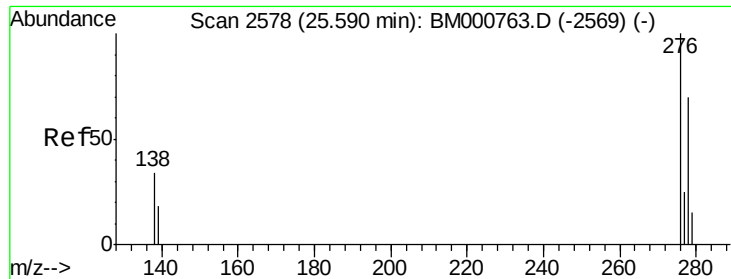
Ion Ratio Lower Upper

228 100

226 32.1 25.8 38.8

229 17.5 13.8 20.6

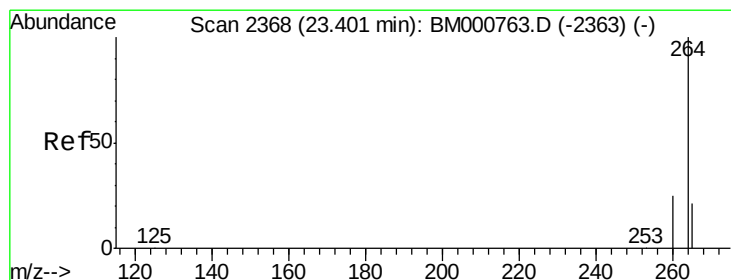
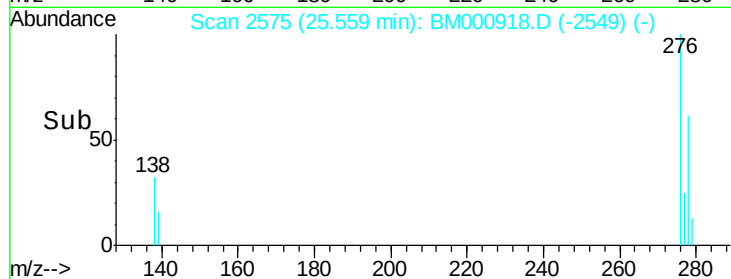
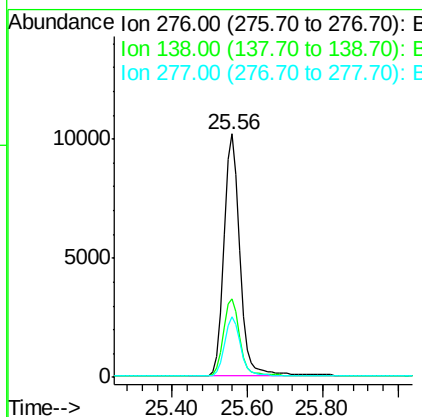
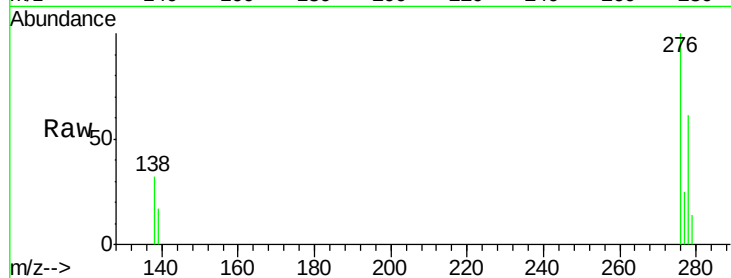




#24
Indeno(1,2,3-cd)pyrene
Concen: 0.98 ng
RT: 25.56 min Scan# 2575
Delta R.T. -0.03 min
Lab File: BM000918.D
Acq: 08 Apr 2015 22:09

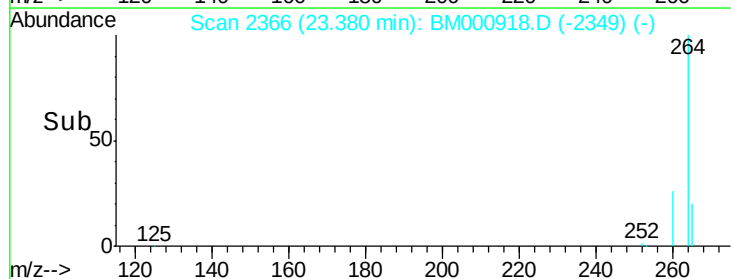
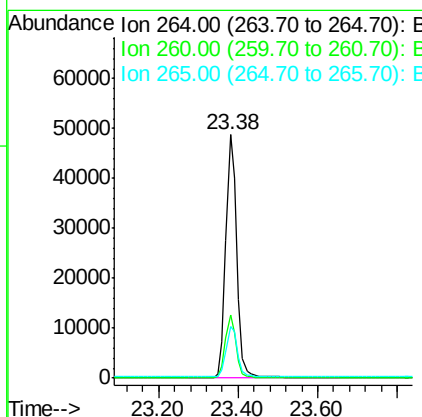
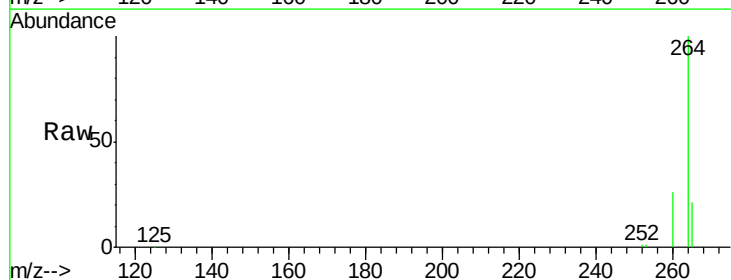
Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

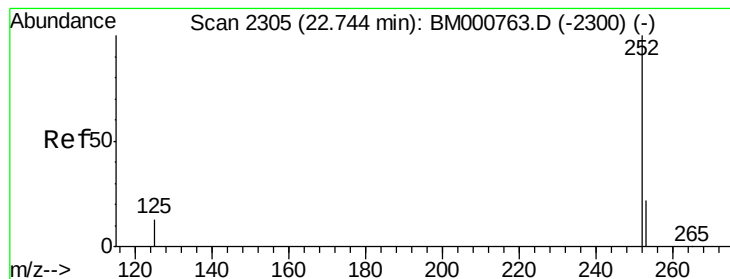
Tot Ion:276 Resp: 30838
Ion Ratio Lower Upper
276 100
138 33.0 27.4 41.2
277 24.7 19.7 29.5



#25
Perylene-d12
Concen: 5.00 ng
RT: 23.38 min Scan# 2366
Delta R.T. -0.02 min
Lab File: BM000918.D
Acq: 08 Apr 2015 22:09

Tgt Ion:264 Resp: 93319
Ion Ratio Lower Upper
264 100
260 25.8 20.1 30.1
265 21.0 17.4 26.0





#26

Benzo(b)fluoranthene

Concen: 0.95 ng

RT: 22.72 min Scan# 2303

Delta R.T. -0.02 min

Lab File: BM000918.D

Acq: 08 Apr 2015 22:09

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

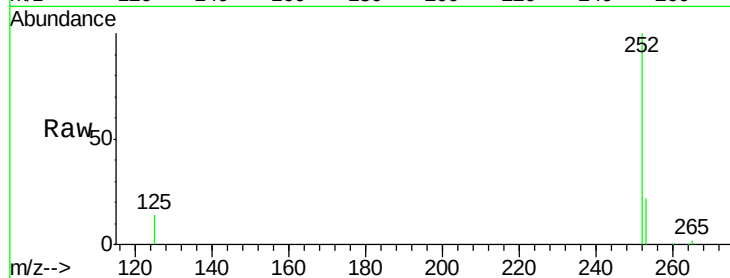
Tot Ion:252 Resp: 28009

Ion Ratio Lower Upper

252 100

253 21.8 18.5 27.7

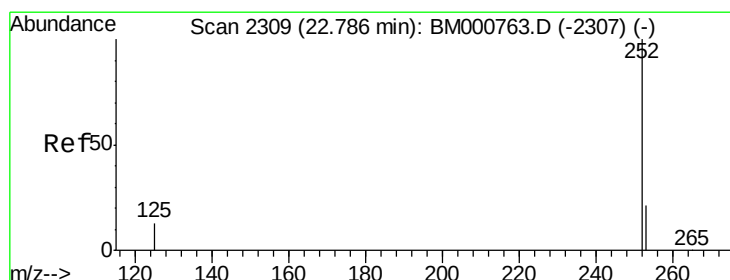
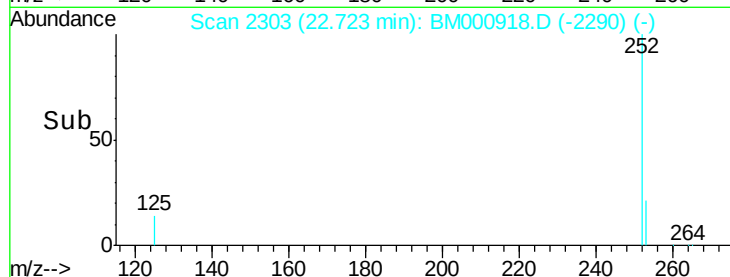
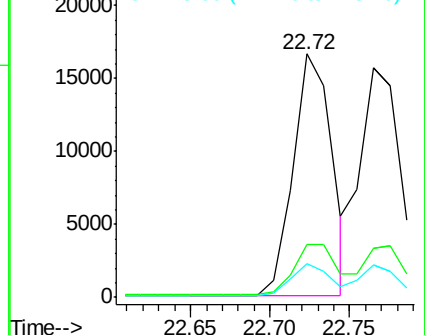
125 14.1 10.6 16.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#27

Benzo(k)fluoranthene

Concen: 1.02 ng

RT: 22.76 min Scan# 2307

Delta R.T. -0.02 min

Lab File: BM000918.D

Acq: 08 Apr 2015 22:09

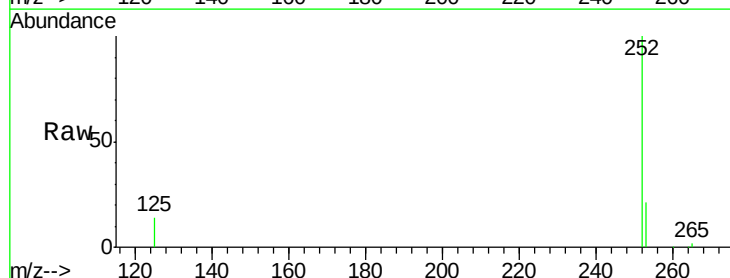
Tgt Ion:252 Resp: 28893

Ion Ratio Lower Upper

252 100

253 21.4 17.9 26.9

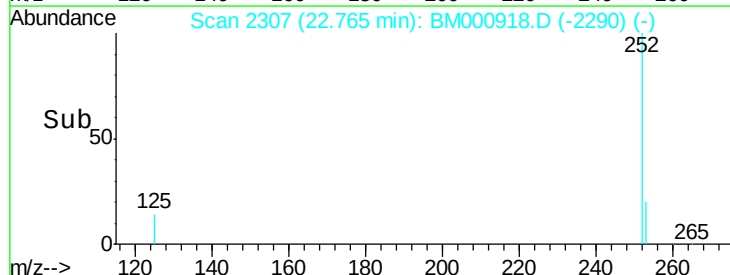
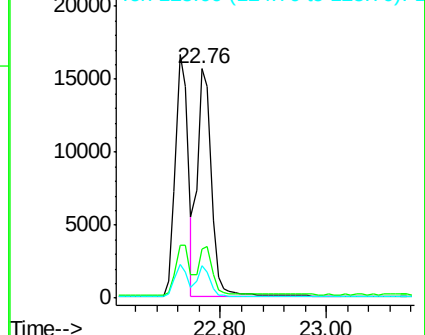
125 14.2 10.8 16.2

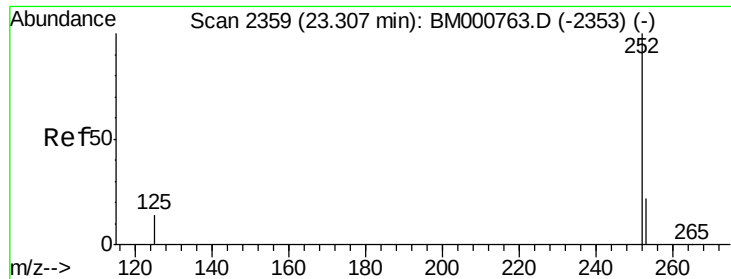


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#28

Benzo(a)pyrene

Concen: 0.99 ng

RT: 23.29 min Scan# 2357

Delta R.T. -0.02 min

Lab File: BM000918.D

Acq: 08 Apr 2015 22:09

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

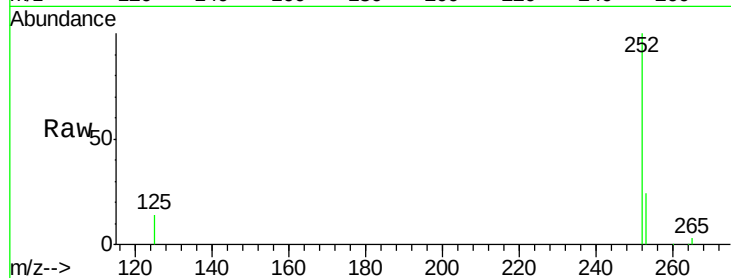
Tot Ion:252 Resp: 24998

Ion Ratio Lower Upper

252 100

253 23.9 19.4 29.2

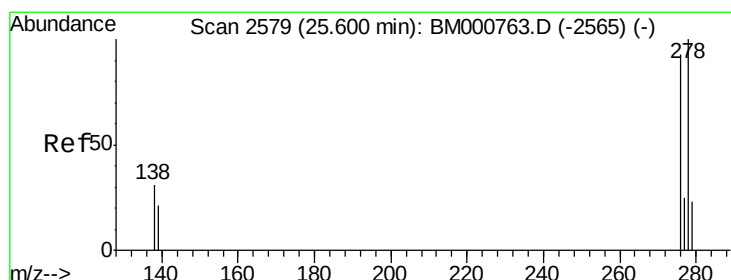
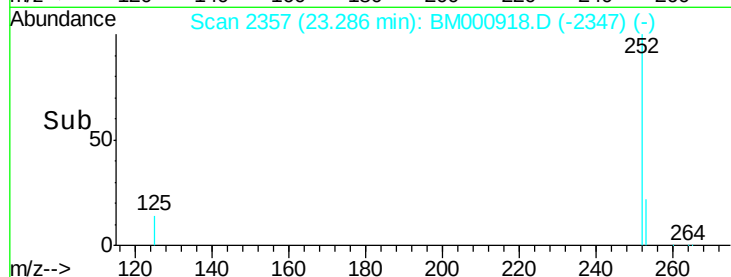
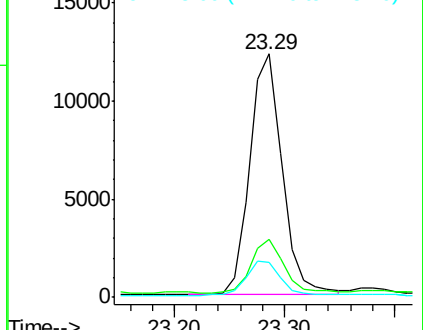
125 14.2 11.5 17.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#29

Dibenzo(a,h)anthracene

Concen: 0.95 ng

RT: 25.57 min Scan# 2576

Delta R.T. -0.03 min

Lab File: BM000918.D

Acq: 08 Apr 2015 22:09

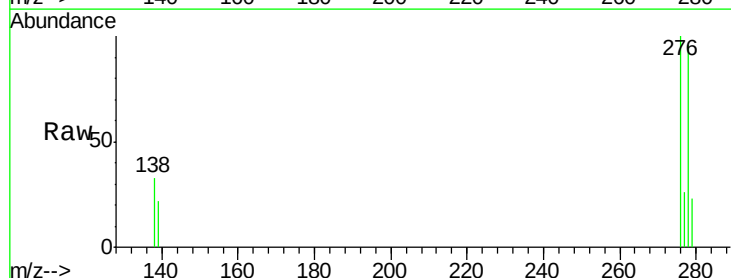
Tgt Ion:278 Resp: 23740

Ion Ratio Lower Upper

278 100

139 22.7 17.8 26.6

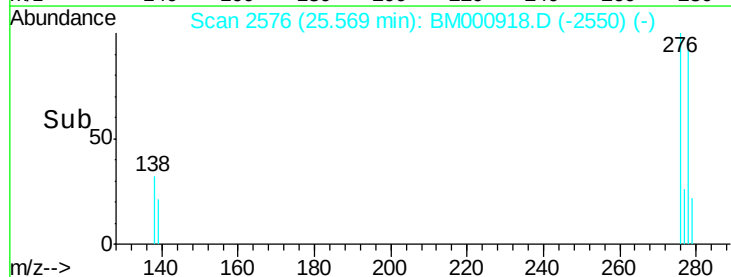
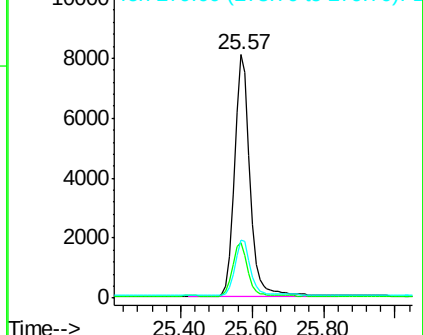
279 23.9 19.3 28.9

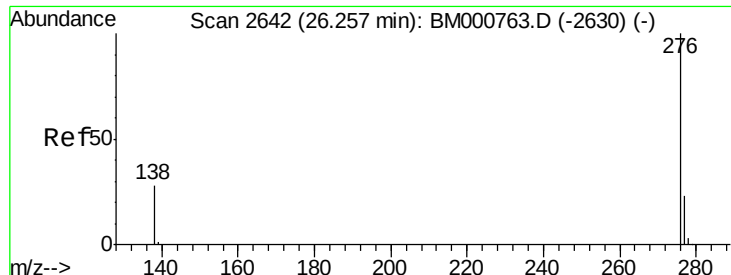


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#30

Benzo(a,h,i)perylene

Concen: 0.97 ng

RT: 26.23 min Scan# 2639

Delta R.T. -0.03 min

Lab File: BM000918.D

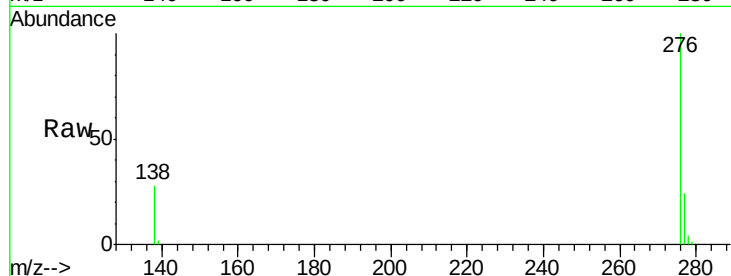
Acq: 08 Apr 2015 22:09

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC



Tot Ion: 276 Resp: 26173

Ion Ratio Lower Upper

276 100

277 23.9 19.1 28.7

138 28.1 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

