

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062215\
 Data File : BM001777.D
 Acq On : 22 Jun 2015 17:48
 Operator : TP/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

Quant Time: Jun 23 04:09:18 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM061915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 19 05:05:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	19265	5.00	ng	0.00
6) Naphthalene-d8	10.44	136	72304	5.00	ng	-0.02
12) Acenaphthene-d10	14.31	164	35686	5.00	ng	-0.01
18) Phenanthrene-d10	17.06	188	83262	5.00	ng	0.00
25) Chrysene-d12	21.25	240	60912	5.00	ng	0.00
32) Perylene-d12	23.47	264	53641	5.00	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.25	112	4644	1.03	ng	0.00
5) Phenol-d6	6.83	99	6059	1.05	ng	0.00
7) Nitrobenzene-d5	8.81	82	5660	1.00	ng	-0.01
13) 2,4,6-Tribromophenol	15.80	330	1310	1.18	ng	0.00
14) 2-Fluorobiphenyl	12.94	172	12414	0.97	ng	0.00
27) Terphenyl-d14	19.70	244	9180	1.02	ng	0.00

Target Compounds

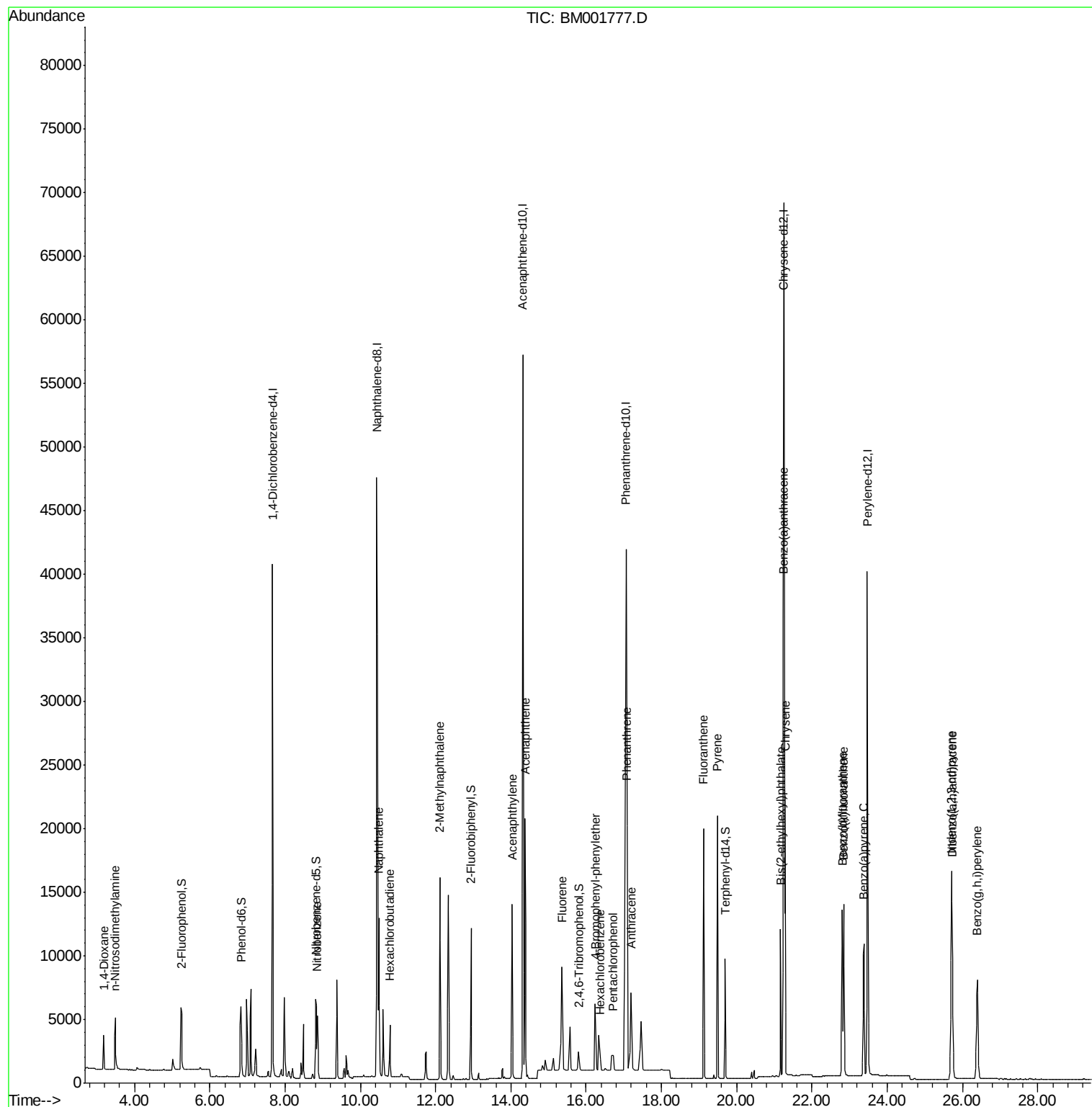
						Qvalue
2) 1,4-Dioxane	3.18	88	2157	0.98	ng	97
3) n-Nitrosodimethylamine	3.48	42	3442	1.01	ng	# 98
8) Nitrobenzene	8.86	77	6101	1.01	ng	99
9) Naphthalene	10.49	128	17272	0.98	ng	99
10) Hexachlorobutadiene	10.78	225	2846	0.96	ng	99
11) 2-Methylnaphthalene	12.12	142	11224	1.00	ng	97
15) Acenaphthylene	14.03	152	17150	1.01	ng	100
16) Acenaphthene	14.37	154	10447	0.98	ng	99
17) Fluorene	15.36	166	8688	0.95	ng	100
19) 4-Bromophenyl-phenylether	16.24	248	4196	1.23	ng	# 80
20) Hexachlorobenzene	16.38	284	2216	0.94	ng	# 100
21) Pentachlorophenol	16.72	266	1127	1.08	ng	99
22) Phenanthrene	17.09	178	29427	1.03	ng	98
23) Anthracene	17.19	178	9382	0.78	ng	# 82
24) Fluoranthene	19.12	202	19748	1.10	ng	99
26) Pyrene	19.48	202	20892	0.99	ng	100
28) Benzo(a)anthracene	21.24	228	17768	0.97	ng	99
29) Chrysene	21.28	228	18311	0.95	ng	100
30) Bis(2-ethylhexyl)phthalate	21.16	149	10871	1.03	ng	99
31) Indeno(1,2,3-cd)pyrene	25.70	276	17820	0.96	ng	100
33) Benzo(b)fluoranthene	22.80	252	17158	0.97	ng	99
34) Benzo(k)fluoranthene	22.84	252	15600	0.99	ng	100
35) Benzo(a)pyrene	23.38	252	14875	1.00	ng	96
36) Dibenzo(a,h)anthracene	25.72	278	14235	0.97	ng	100
37) Benzo(g,h,i)perylene	26.39	276	14861	0.96	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.66 min Scan# 323

Delta R.T. 0.00 min

Lab File: BM001777.D

Acq: 22 Jun 2015 17:48

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

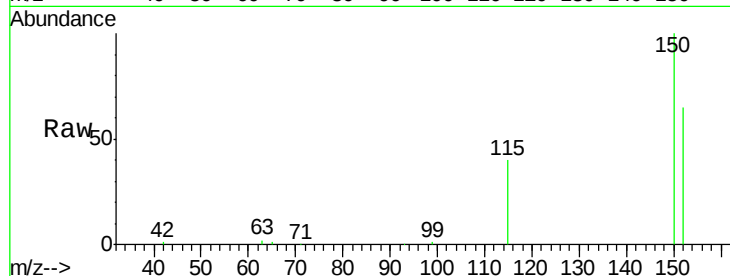
Tgt Ion:152 Resp: 19265

Ion Ratio Lower Upper

152 100

150 154.2 127.5 191.3

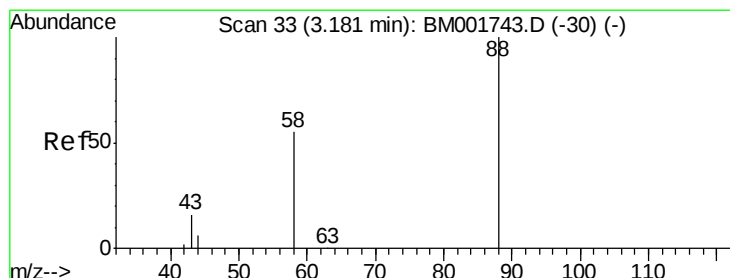
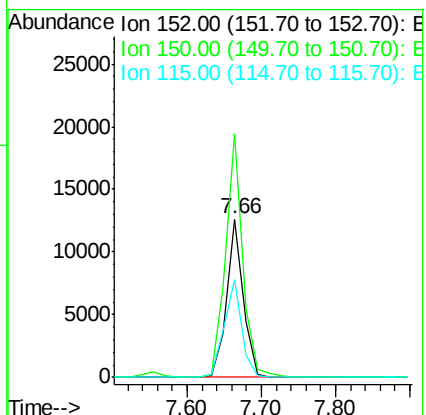
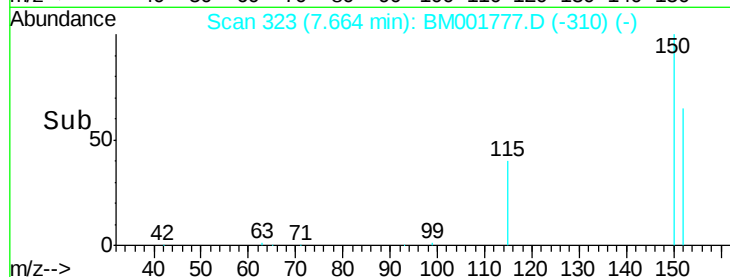
115 61.8 53.2 79.8



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



#2

1,4-Dioxane

Concen: 0.98 ng

RT: 3.18 min Scan# 33

Delta R.T. 0.00 min

Lab File: BM001777.D

Acq: 22 Jun 2015 17:48

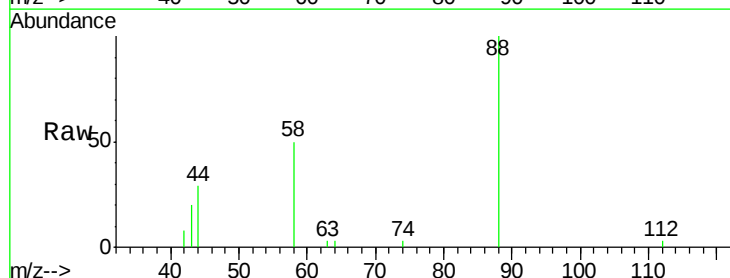
Tgt Ion: 88 Resp: 2157

Ion Ratio Lower Upper

88 100

58 88.8 68.3 102.5

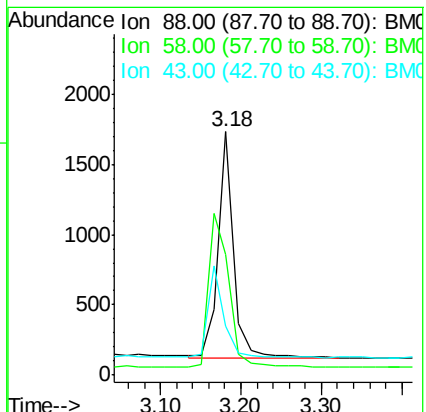
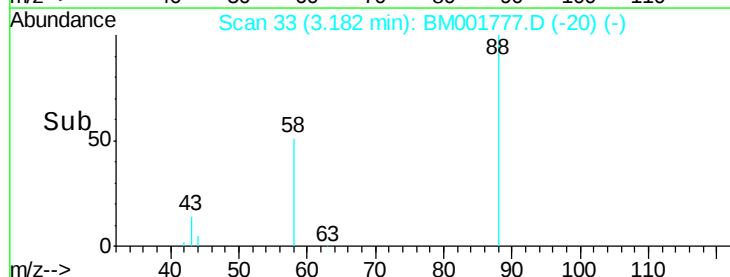
43 41.9 32.6 48.8

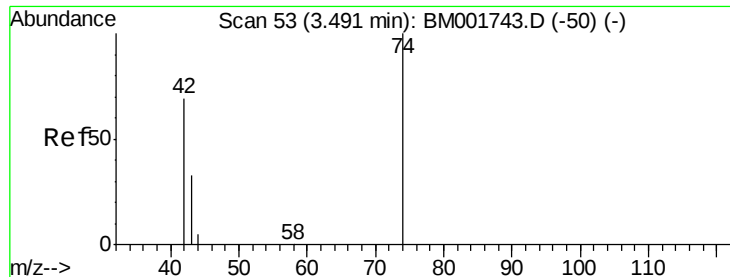


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 1.01 ng

RT: 3.48 min Scan# 52

Delta R.T. -0.02 min

Lab File: BM001777.D

Acq: 22 Jun 2015 17:48

Instrument :

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ClientSampleId :

SSTDCCC001EC

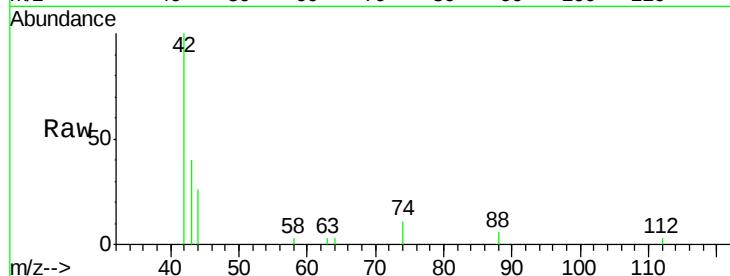
Tgt Ion: 42 Resp: 3442

Ion Ratio Lower Upper

42 100

74 96.6 78.6 118.0

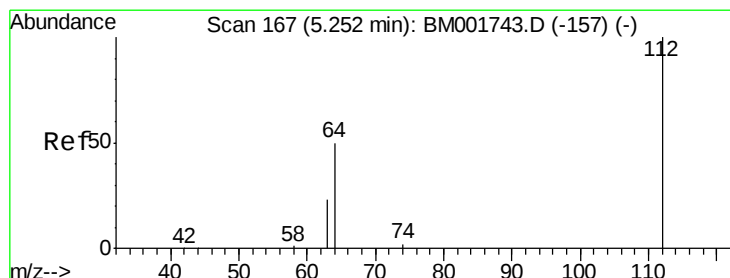
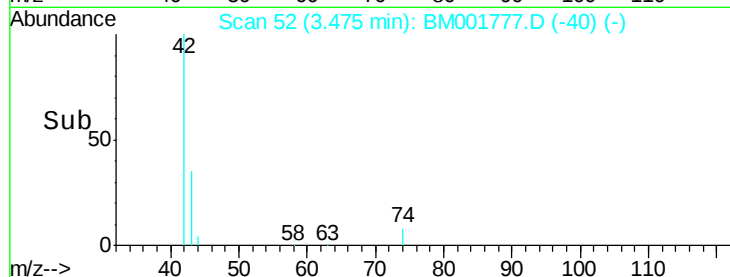
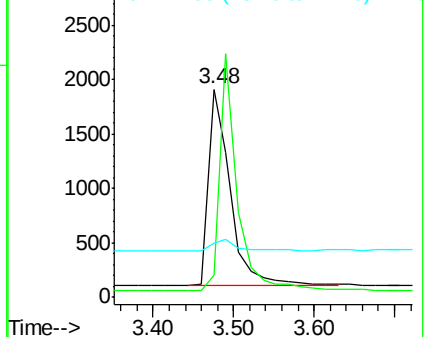
44 7.9 5.0 7.6#



Abundance Ion 42.00 (41.70 to 42.70): BM001743.D (-50) (-)

Ion 74.00 (73.70 to 74.70): BM001743.D (-50) (-)

Ion 44.00 (43.70 to 44.70): BM001743.D (-50) (-)



#4

2-Fluorophenol

Concen: 1.03 ng

RT: 5.25 min Scan# 167

Delta R.T. 0.00 min

Lab File: BM001777.D

Acq: 22 Jun 2015 17:48

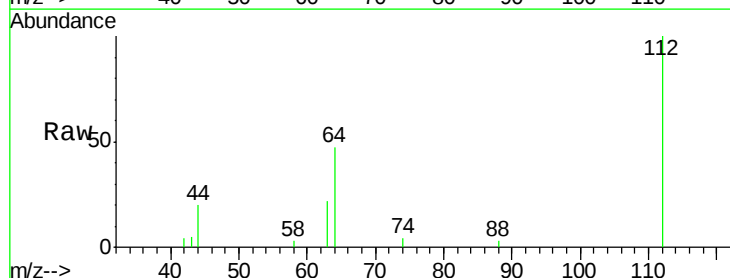
Tgt Ion: 112 Resp: 4644

Ion Ratio Lower Upper

112 100

64 69.3 55.6 83.4

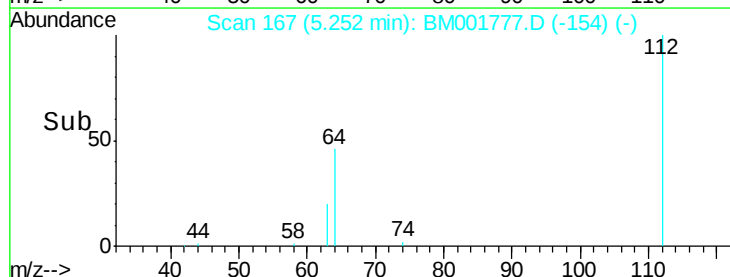
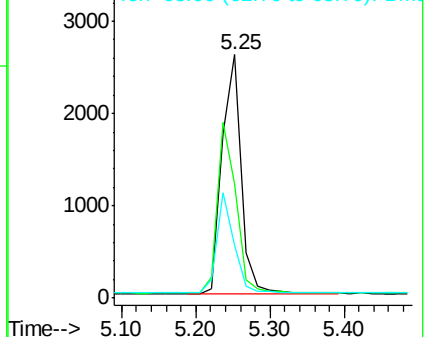
63 37.6 30.2 45.2

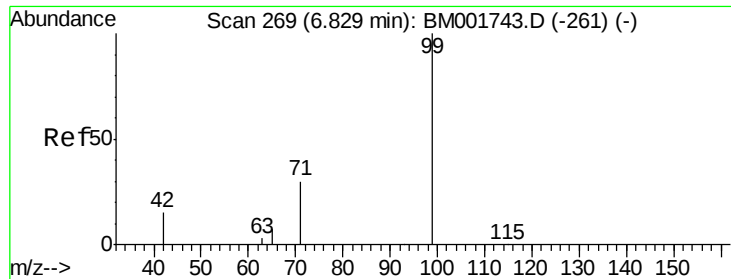


Abundance Ion 112.00 (111.70 to 112.70): BM001743.D (-157) (-)

Ion 64.00 (63.70 to 64.70): BM001743.D (-157) (-)

Ion 63.00 (62.70 to 63.70): BM001743.D (-157) (-)





#5

Phenol-d6

Concen: 1.05 ng

RT: 6.83 min Scan# 269

Delta R.T. 0.00 min

Lab File: BM001777.D

Acq: 22 Jun 2015 17:48

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

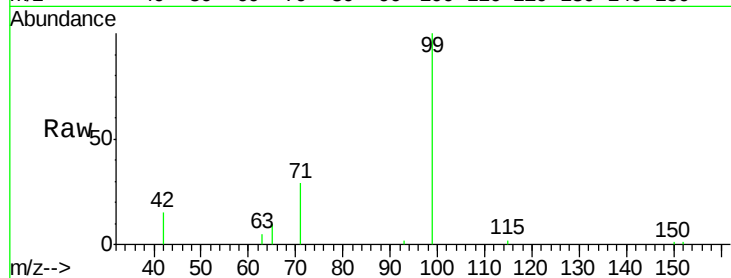
Tgt Ion: 99 Resp: 6059

Ion Ratio Lower Upper

99 100

42 26.1 21.4 32.0

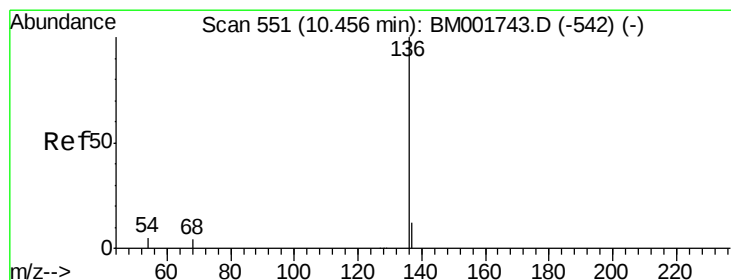
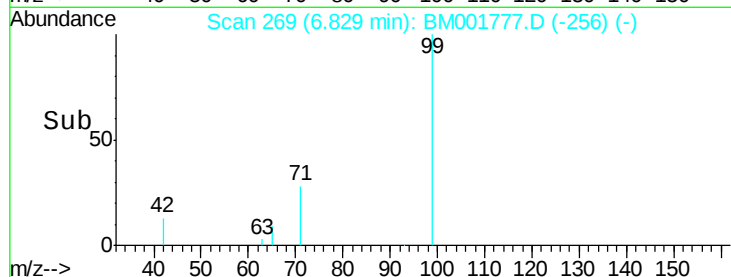
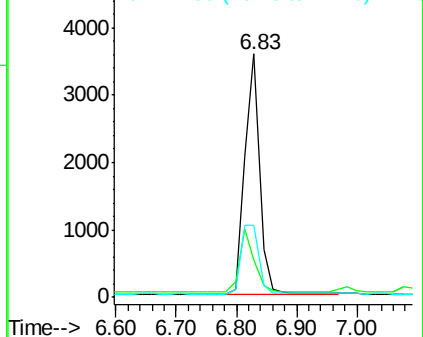
71 35.1 28.3 42.5



Abundance Ion 99.00 (98.70 to 99.70): BM001777.D (-256) (-)

Ion 42.00 (41.70 to 42.70): BM001777.D (-256) (-)

Ion 71.00 (70.70 to 71.70): BM001777.D (-256) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.44 min Scan# 550

Delta R.T. -0.02 min

Lab File: BM001777.D

Acq: 22 Jun 2015 17:48

Tgt Ion: 136 Resp: 72304

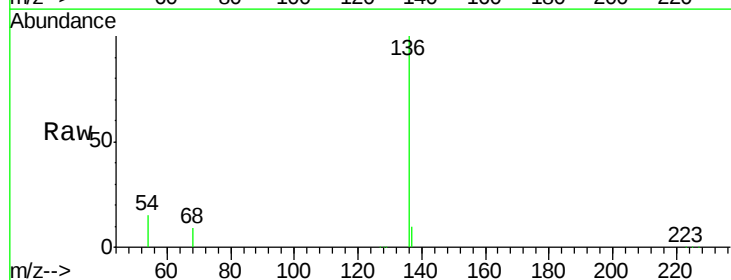
Ion Ratio Lower Upper

136 100

137 10.0 9.4 14.0

54 15.2 4.4 6.6#

68 9.1 3.1 4.7#

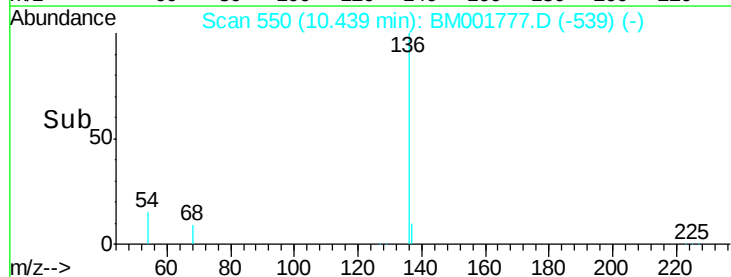
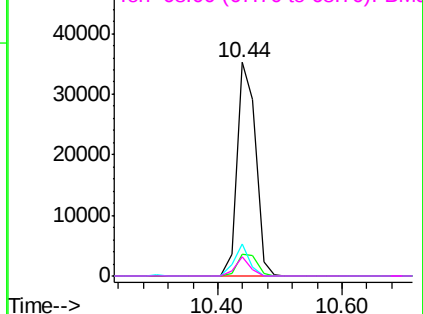


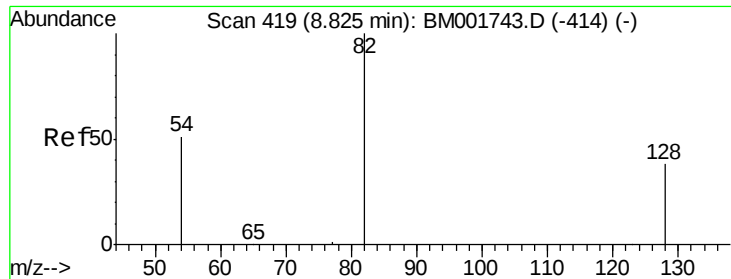
Abundance Ion 136.00 (135.70 to 136.70): BM001777.D (-539) (-)

Ion 137.00 (136.70 to 137.70): BM001777.D (-539) (-)

Ion 54.00 (53.70 to 54.70): BM001777.D (-539) (-)

Ion 68.00 (67.70 to 68.70): BM001777.D (-539) (-)





#7

Nitrobenzene-d5

Concen: 1.00 ng

RT: 8.81 min Scan# 418

Delta R.T. -0.01 min

Lab File: BM001777.D

Acq: 22 Jun 2015 17:48

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

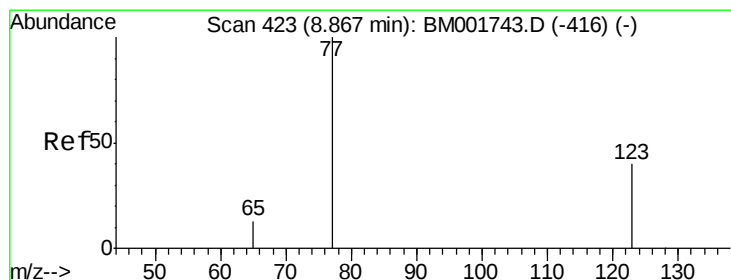
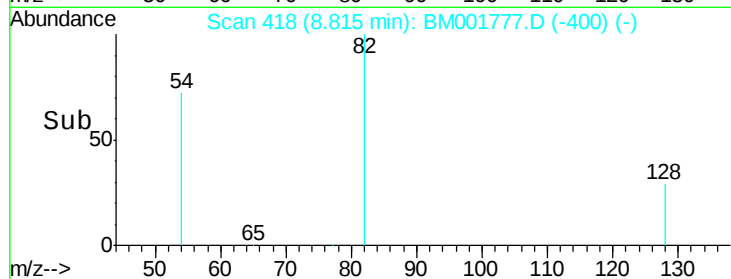
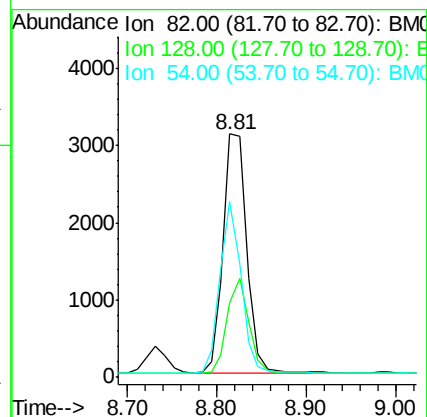
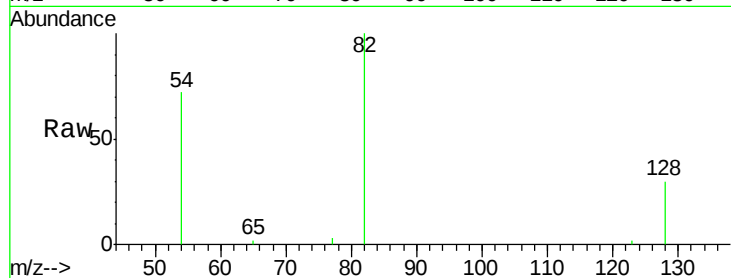
Tgt Ion: 82 Resp: 5660

Ion Ratio Lower Upper

82 100

128 30.4 31.3 46.9#

54 72.4 41.9 62.9#



#8

Nitrobenzene

Concen: 1.01 ng

RT: 8.86 min Scan# 422

Delta R.T. -0.01 min

Lab File: BM001777.D

Acq: 22 Jun 2015 17:48

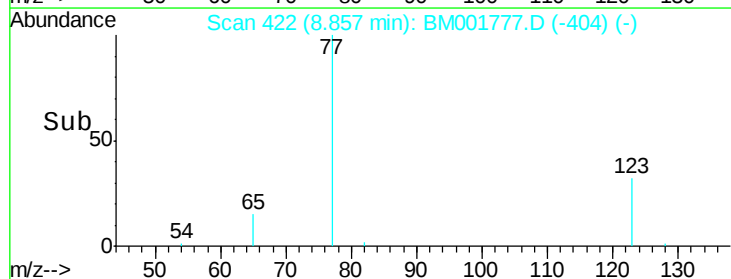
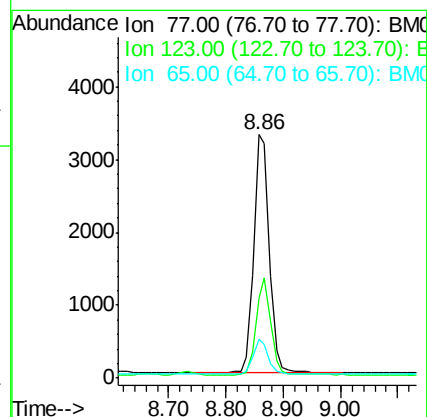
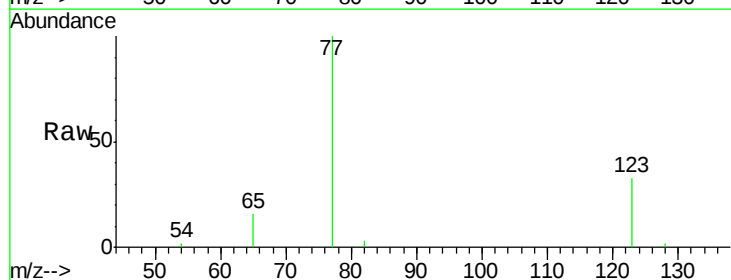
Tgt Ion: 77 Resp: 6101

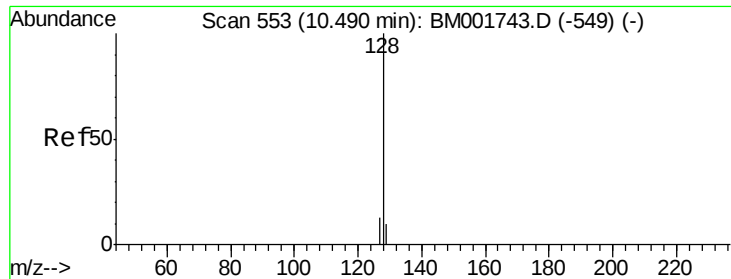
Ion Ratio Lower Upper

77 100

123 38.3 30.1 45.1

65 14.1 11.3 16.9





#9

Naphthalene

Concen: 0.98 ng

RT: 10.49 min Scan# 553

Delta R.T. 0.00 min

Lab File: BM001777.D

Acq: 22 Jun 2015 17:48

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

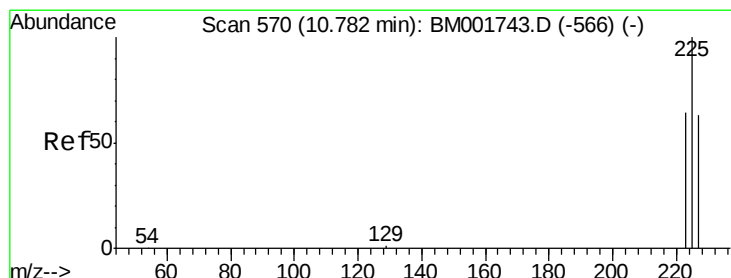
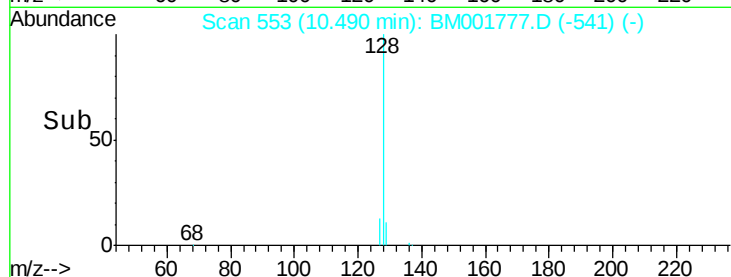
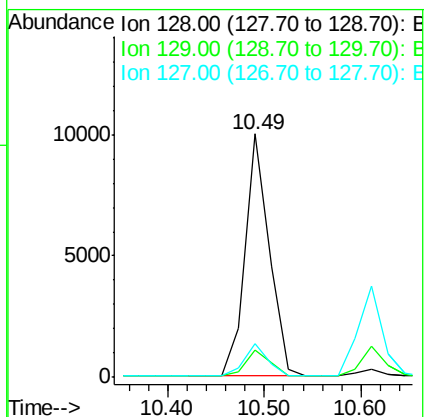
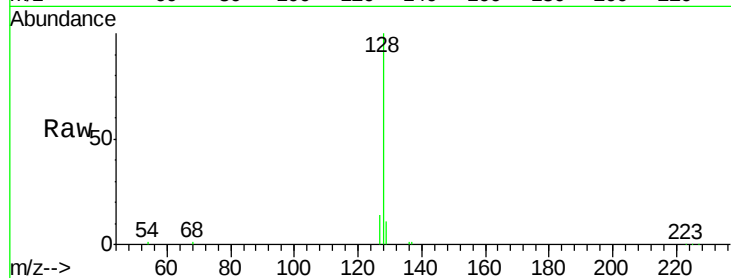
Tgt Ion:128 Resp: 17272

Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

127 13.7 11.2 16.8



#10

Hexachlorobutadiene

Concen: 0.96 ng

RT: 10.78 min Scan# 570

Delta R.T. 0.00 min

Lab File: BM001777.D

Acq: 22 Jun 2015 17:48

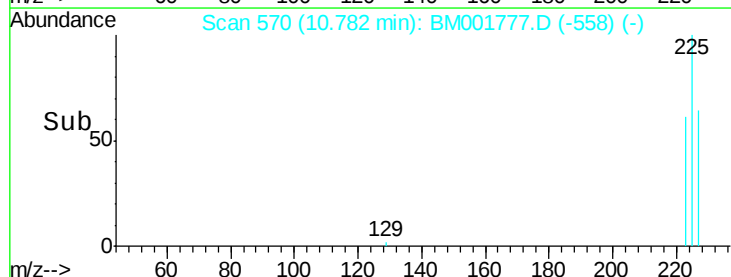
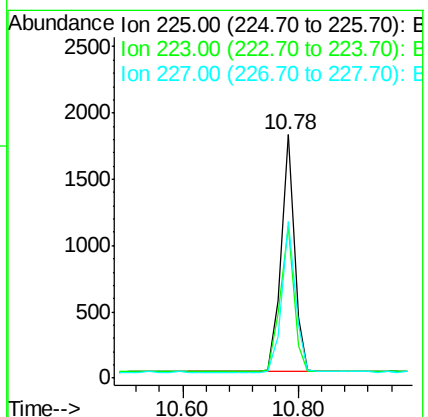
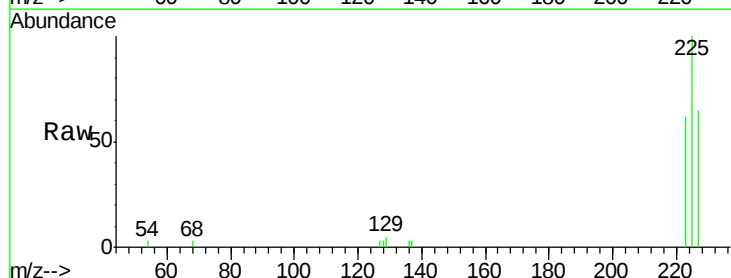
Tgt Ion:225 Resp: 2846

Ion Ratio Lower Upper

225 100

223 63.4 51.0 76.4

227 64.1 51.8 77.8





#11

2-Methylnaphthalene

Concen: 1.00 ng

RT: 12.12 min Scan# 678

Delta R.T. 0.00 min

Lab File: BM001777.D

Acq: 22 Jun 2015 17:48

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

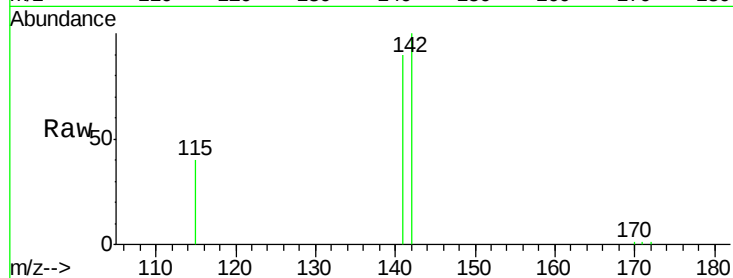
Tgt Ion:142 Resp: 11224

Ion Ratio Lower Upper

142 100

141 89.9 73.6 110.4

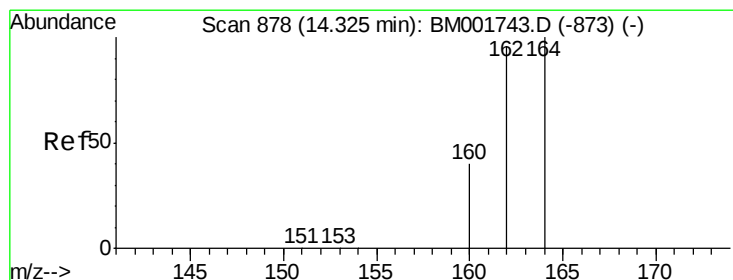
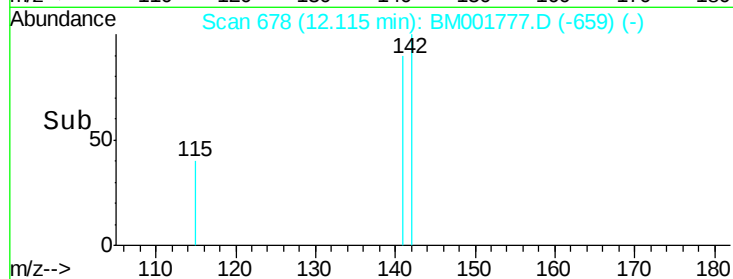
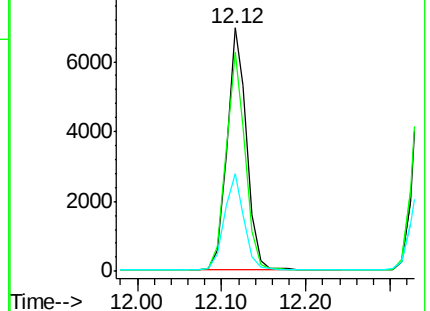
115 40.4 34.1 51.1



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



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.31 min Scan# 877

Delta R.T. -0.01 min

Lab File: BM001777.D

Acq: 22 Jun 2015 17:48

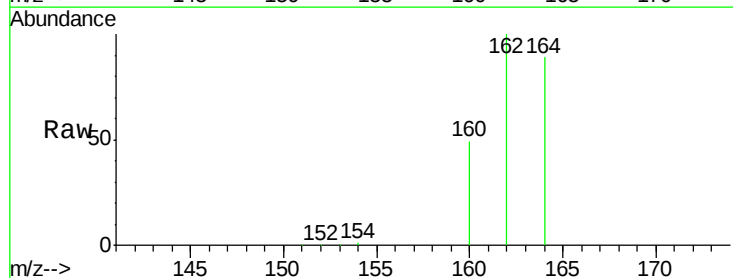
Tgt Ion:164 Resp: 35686

Ion Ratio Lower Upper

164 100

162 111.8 76.6 114.8

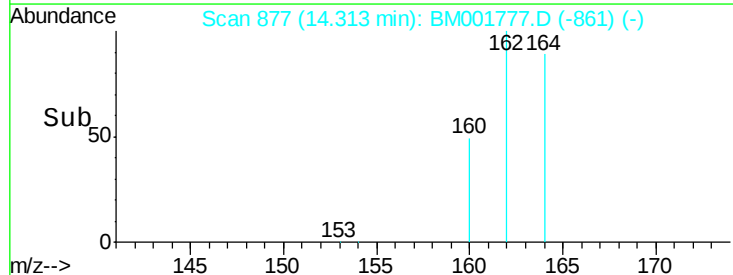
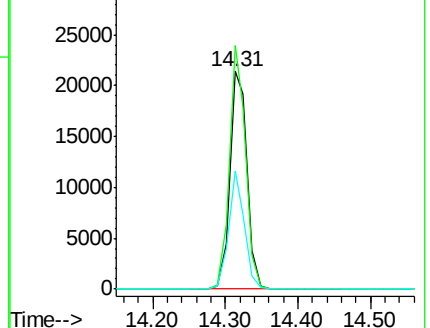
160 54.4 31.8 47.8#

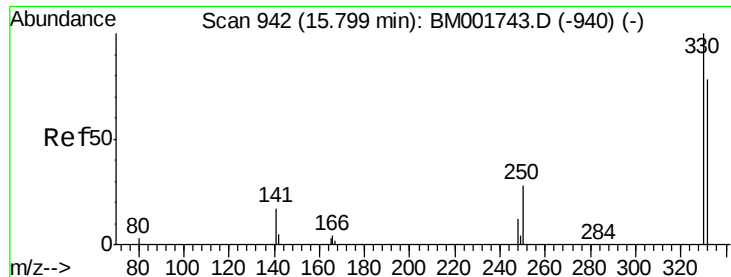


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

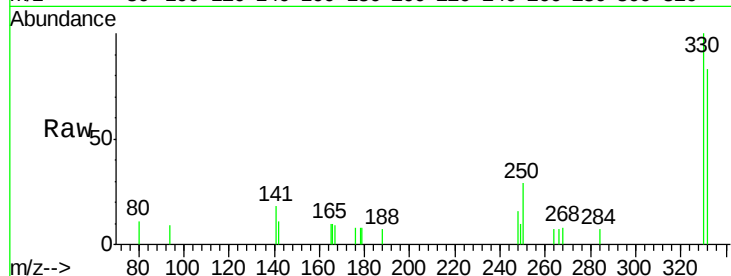




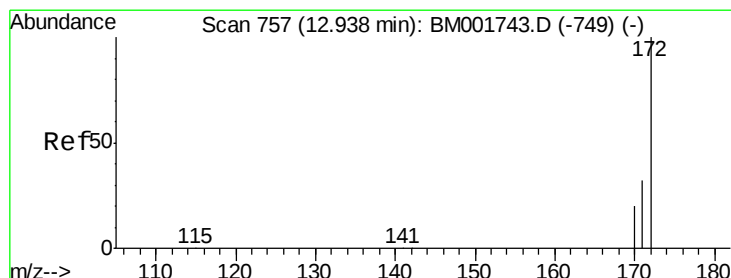
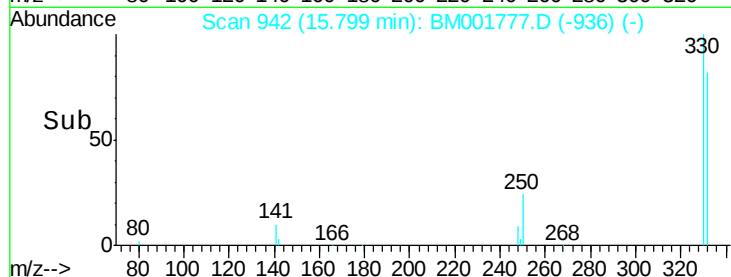
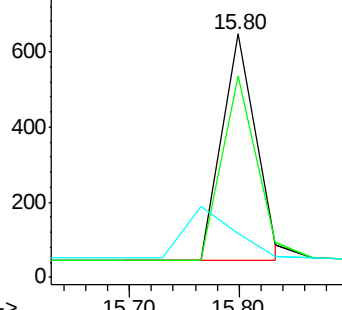
#13
 2,4,6-Tribromophenol
 Concen: 1.18 ng
 RT: 15.80 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: BM001777.D
 Acq: 22 Jun 2015 17:48

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

Tgt Ion: 330 Resp: 1310
 Ion Ratio Lower Upper
 330 100
 332 83.5 65.8 98.8
 141 0.0 0.0 0.0

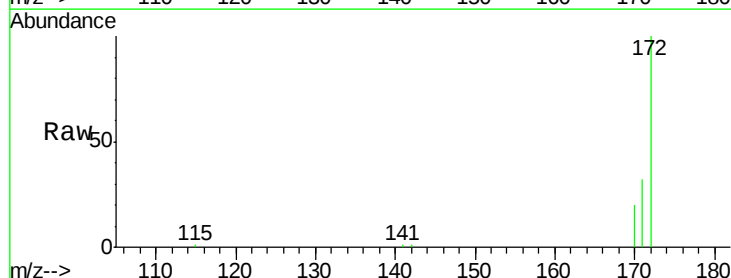


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

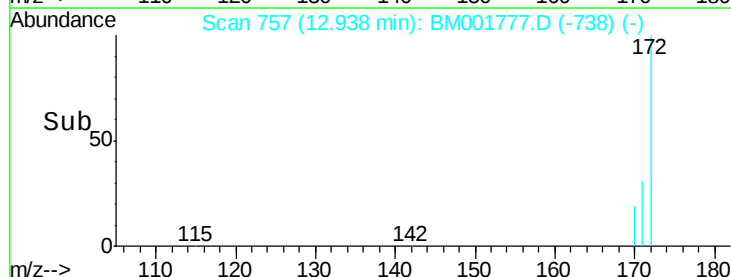
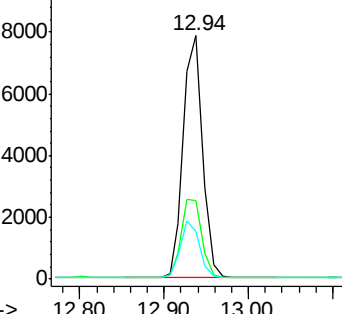


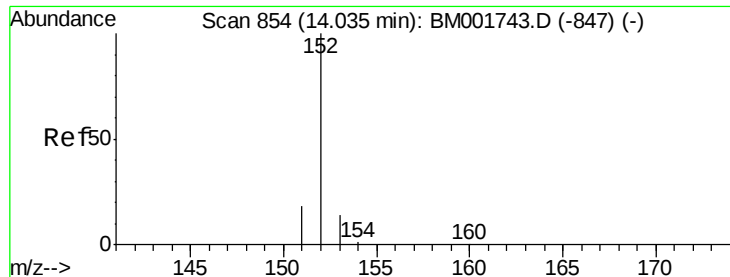
#14
 2-Fluorobiphenyl
 Concen: 0.97 ng
 RT: 12.94 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BM001777.D
 Acq: 22 Jun 2015 17:48

Tgt Ion: 172 Resp: 12414
 Ion Ratio Lower Upper
 172 100
 171 32.1 26.2 39.2
 170 19.6 16.6 24.8



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





#15

Acenaphthylene

Concen: 1.01 ng

RT: 14.03 min Scan# 854

Delta R.T. 0.00 min

Lab File: BM001777.D

Acq: 22 Jun 2015 17:48

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

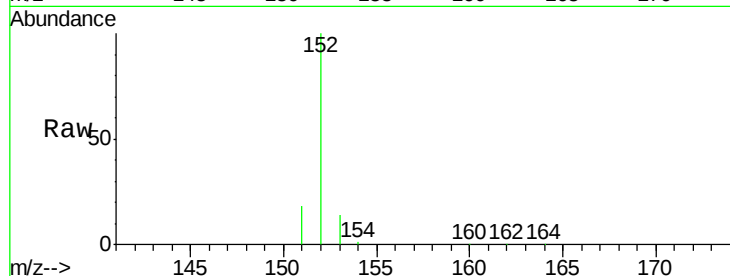
Tgt Ion:152 Resp: 17150

Ion Ratio Lower Upper

152 100

151 19.1 15.4 23.2

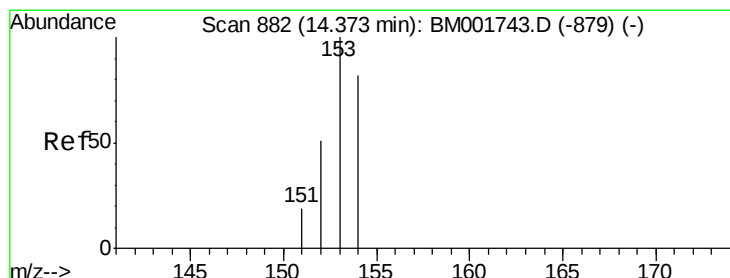
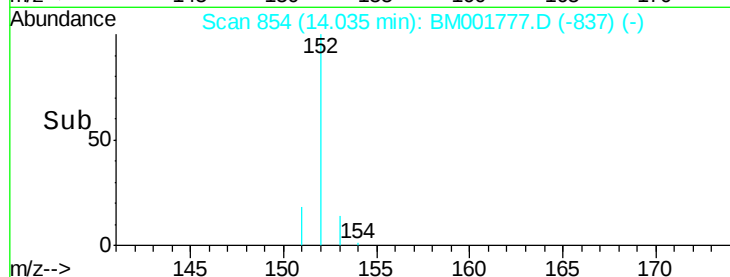
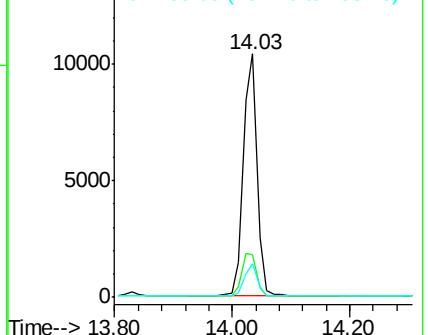
153 12.8 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#16

Acenaphthene

Concen: 0.98 ng

RT: 14.37 min Scan# 882

Delta R.T. 0.00 min

Lab File: BM001777.D

Acq: 22 Jun 2015 17:48

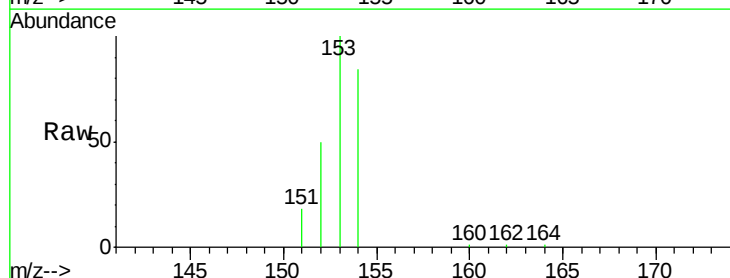
Tgt Ion:154 Resp: 10447

Ion Ratio Lower Upper

154 100

153 112.2 90.0 135.0

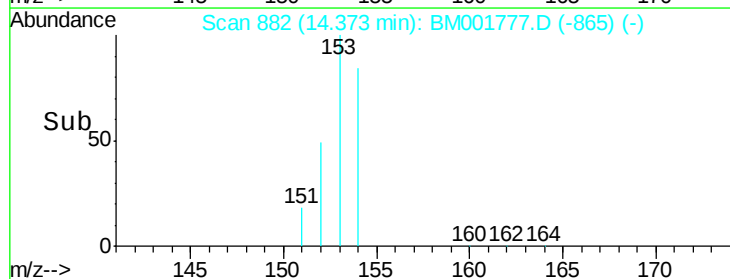
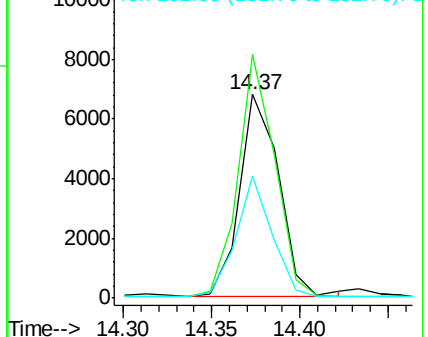
152 54.6 44.2 66.4

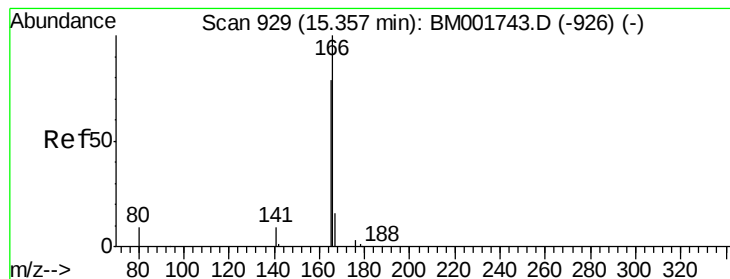


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#17

Fluorene

Concen: 0.95 ng

RT: 15.36 min Scan# 929

Delta R.T. 0.00 min

Lab File: BM001777.D

Acq: 22 Jun 2015 17:48

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

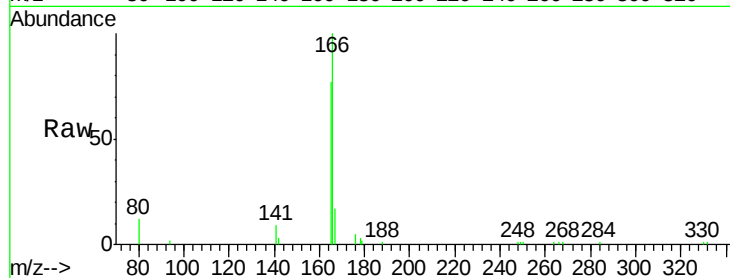
Tgt Ion:166 Resp: 8688

Ion Ratio Lower Upper

166 100

165 84.9 68.2 102.2

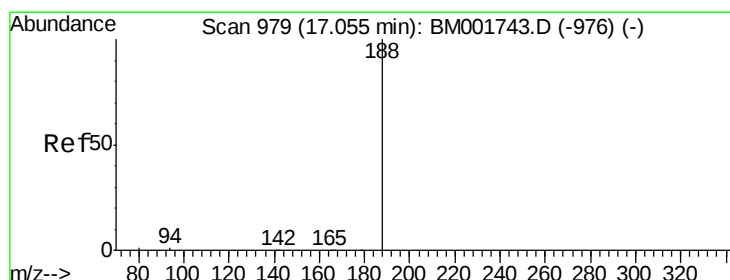
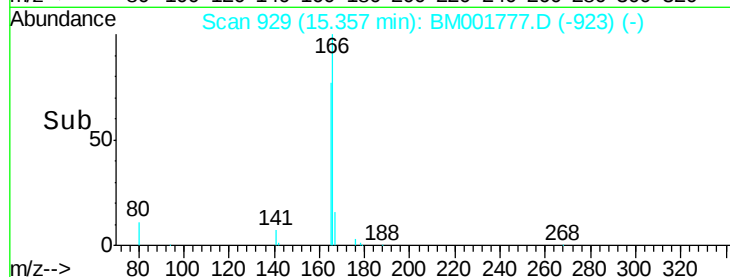
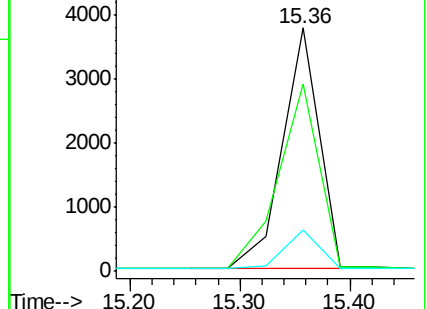
167 15.2 12.2 18.2



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



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.06 min Scan# 979

Delta R.T. 0.00 min

Lab File: BM001777.D

Acq: 22 Jun 2015 17:48

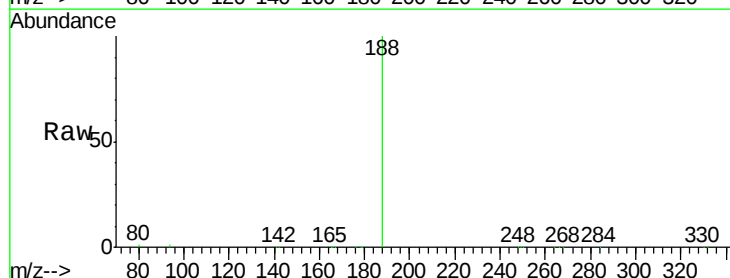
Tgt Ion:188 Resp: 83262

Ion Ratio Lower Upper

188 100

94 1.1 1.3 1.9#

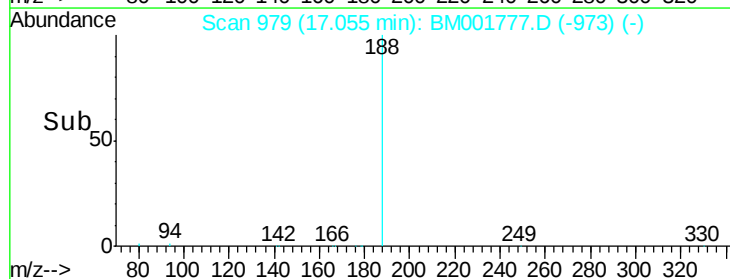
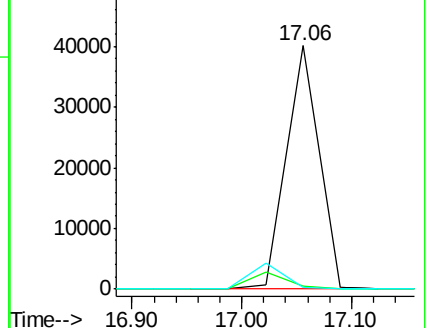
80 0.9 1.0 1.6#

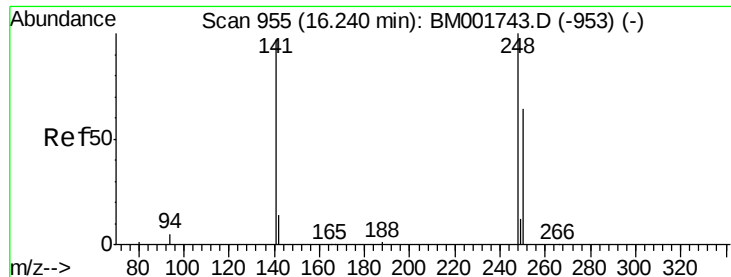


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM

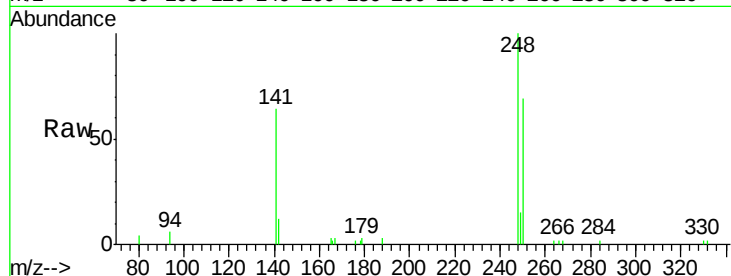




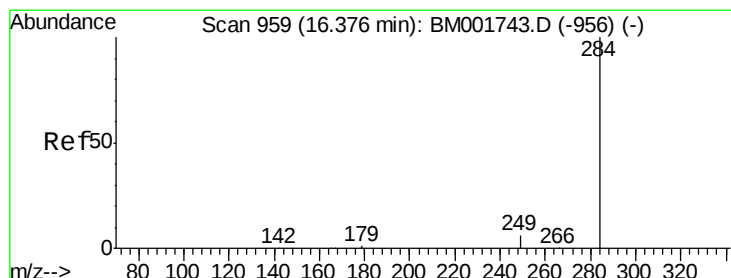
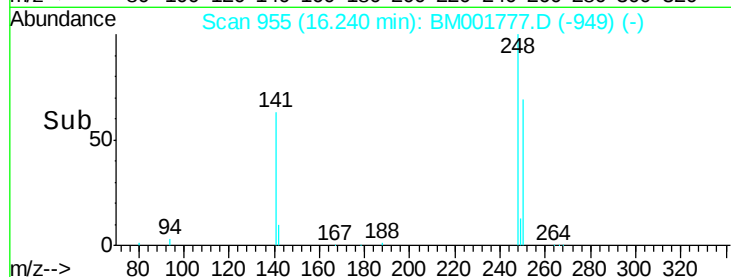
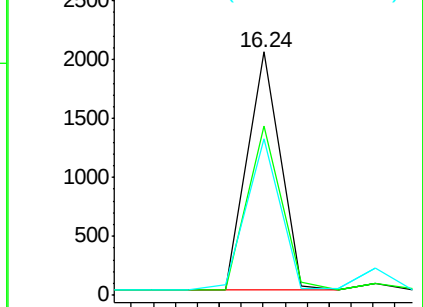
#19
4-Bromophenyl-phenylether
Concen: 1.23 ng
RT: 16.24 min Scan# 955
Delta R.T. 0.00 min
Lab File: BM001777.D
Acq: 22 Jun 2015 17:48

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:248 Resp: 4196
Ion Ratio Lower Upper
248 100
250 70.8 54.8 82.2
141 64.3 76.2 114.4#

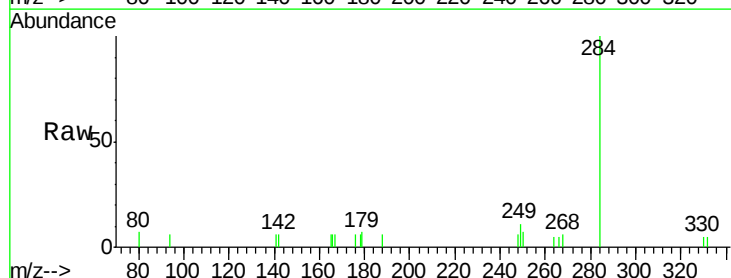


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

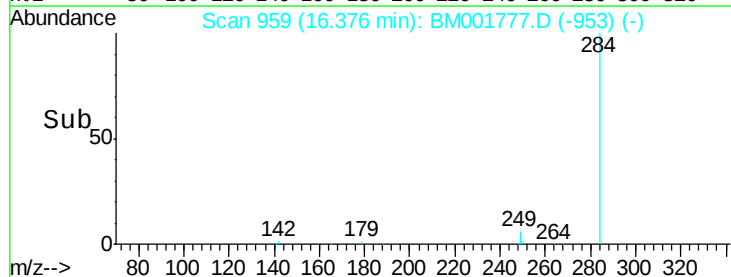
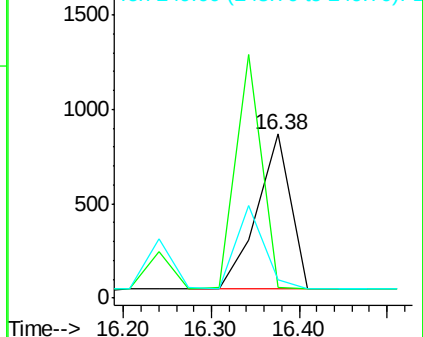


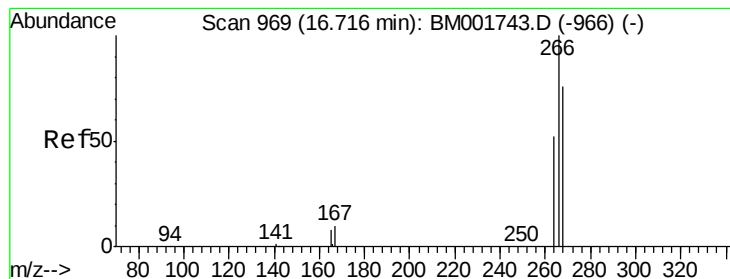
#20
Hexachlorobenzene
Concen: 0.94 ng
RT: 16.38 min Scan# 959
Delta R.T. 0.00 min
Lab File: BM001777.D
Acq: 22 Jun 2015 17:48

Tgt Ion:284 Resp: 2216
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 0.0 0.0 0.0



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





#21

Pentachlorophenol

Concen: 1.08 ng

RT: 16.72 min Scan# 969

Delta R.T. 0.00 min

Lab File: BM001777.D

Acq: 22 Jun 2015 17:48

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

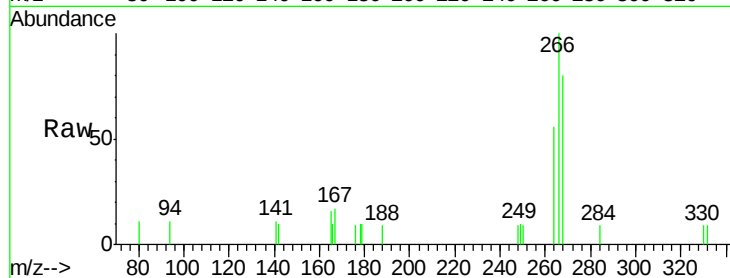
Tgt Ion:266 Resp: 1127

Ion Ratio Lower Upper

266 100

268 79.5 63.2 94.8

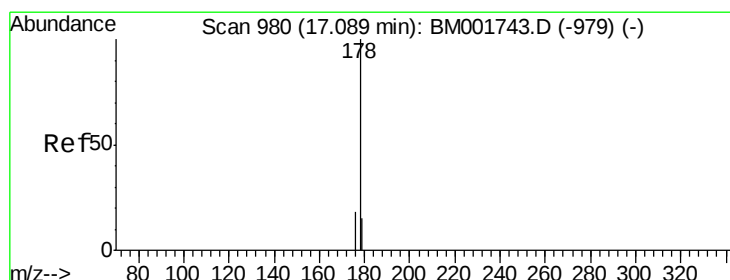
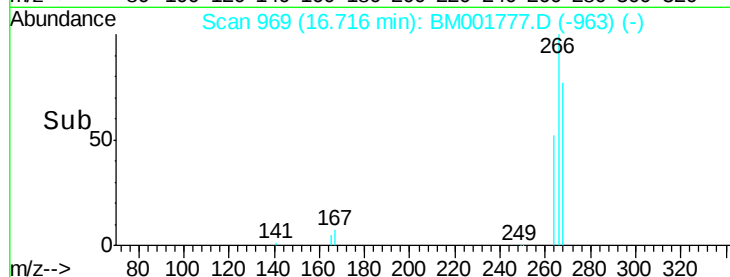
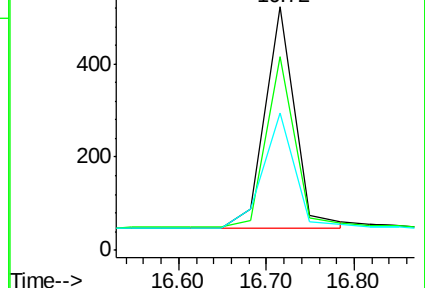
264 56.4 46.2 69.2



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



#22

Phenanthrene

Concen: 1.03 ng

RT: 17.09 min Scan# 980

Delta R.T. 0.00 min

Lab File: BM001777.D

Acq: 22 Jun 2015 17:48

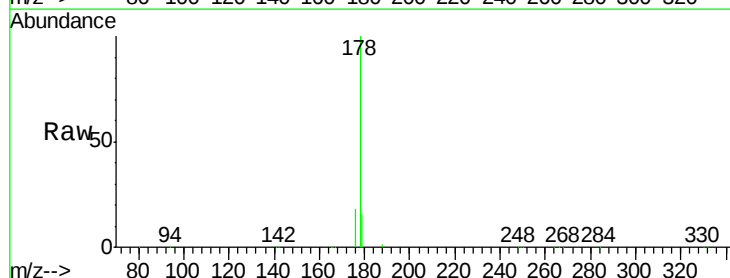
Tgt Ion:178 Resp: 29427

Ion Ratio Lower Upper

178 100

176 17.7 15.4 23.2

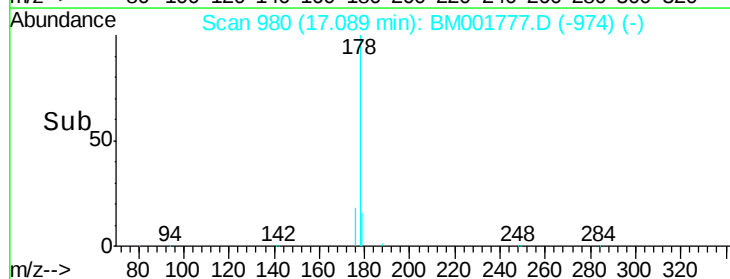
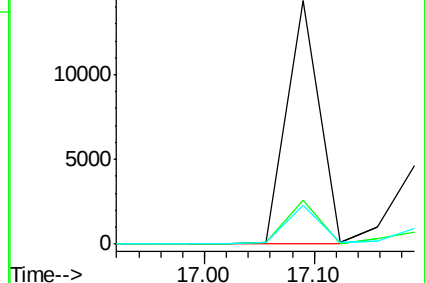
179 15.8 12.6 19.0

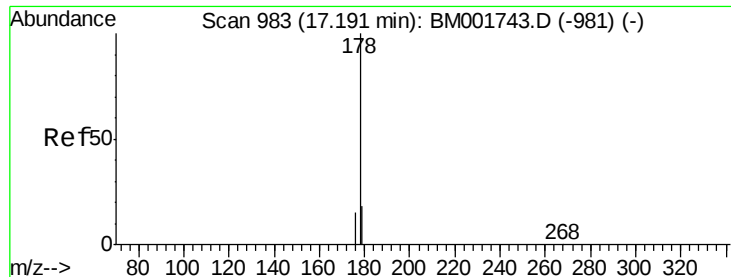


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 0.78 ng

RT: 17.19 min Scan# 983

Delta R.T. 0.00 min

Lab File: BM001777.D

Acq: 22 Jun 2015 17:48

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

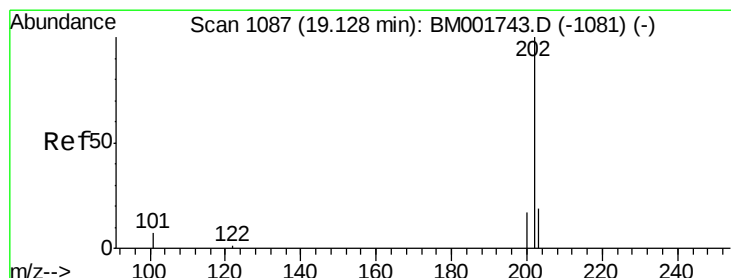
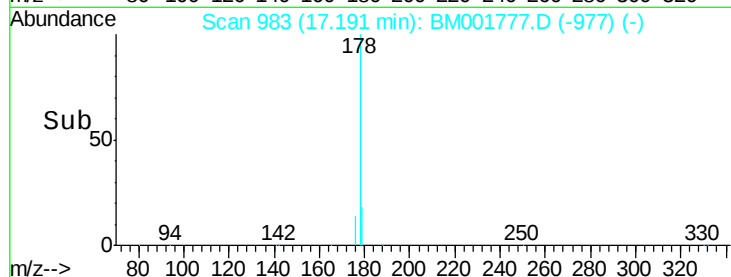
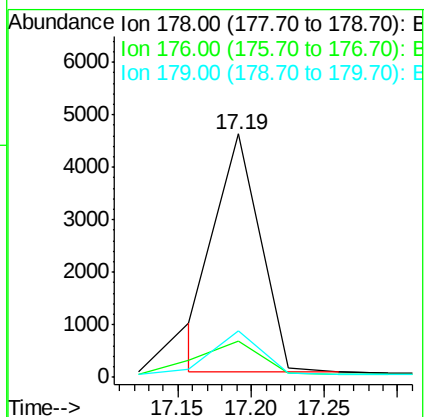
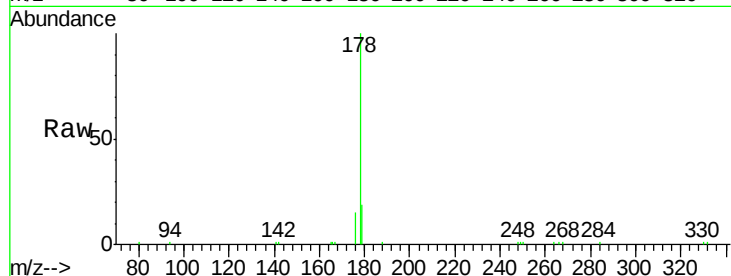
Tgt Ion:178 Resp: 9382

Ion Ratio Lower Upper

178 100

176 0.0 10.0 15.0#

179 18.4 12.3 18.5



#24

Fluoranthene

Concen: 1.10 ng

RT: 19.12 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BM001777.D

Acq: 22 Jun 2015 17:48

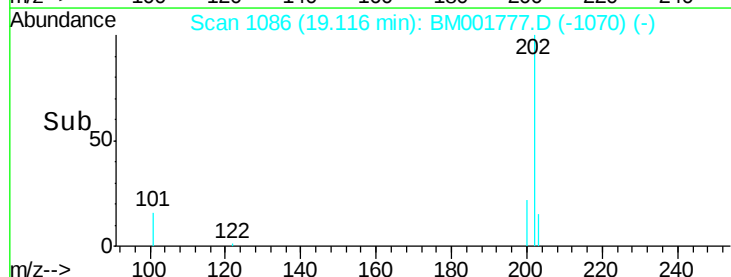
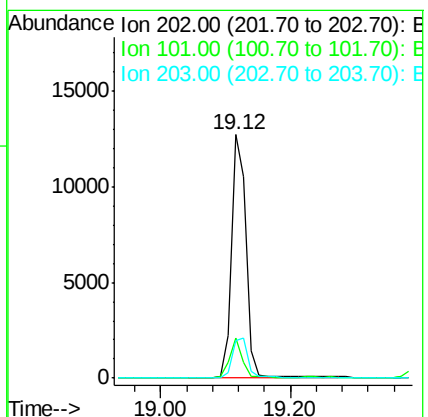
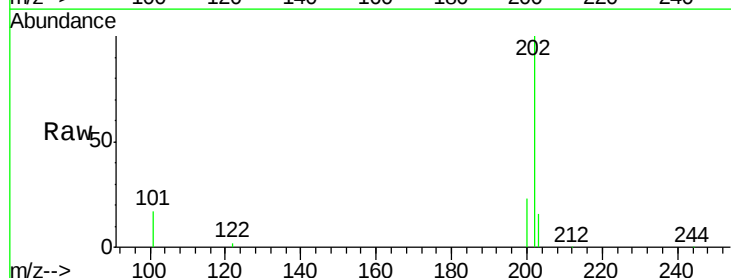
Tgt Ion:202 Resp: 19748

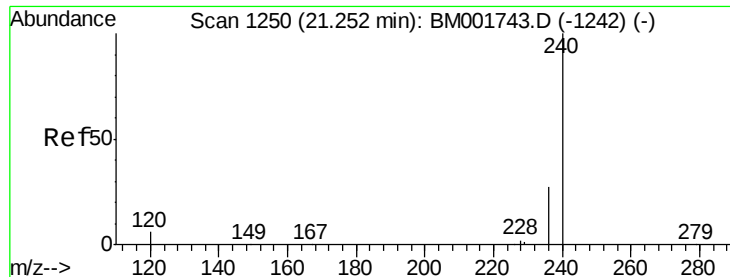
Ion Ratio Lower Upper

202 100

101 13.7 10.8 16.2

203 17.0 13.8 20.6





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.25 min Scan# 1250

Delta R.T. 0.00 min

Lab File: BM001777.D

Acq: 22 Jun 2015 17:48

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

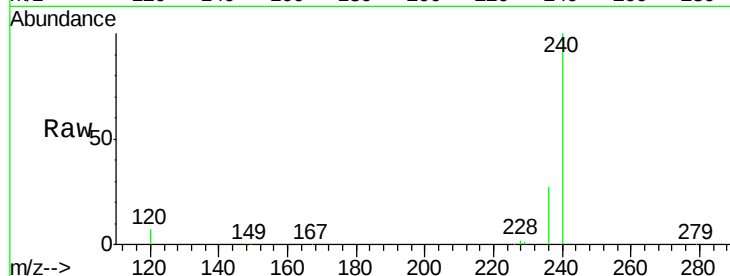
Tgt Ion:240 Resp: 60912

Ion Ratio Lower Upper

240 100

120 6.6 4.7 7.1

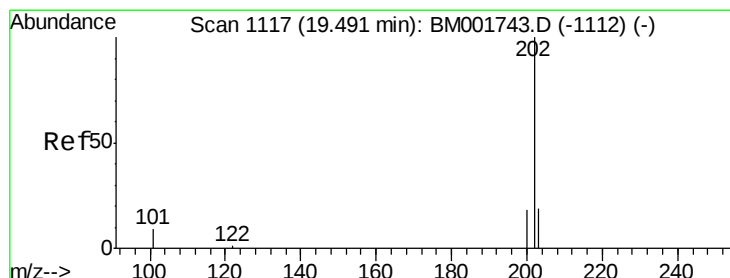
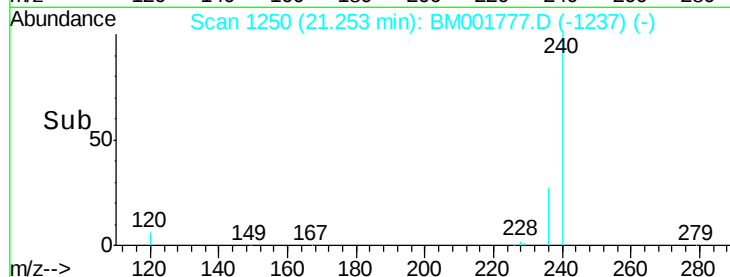
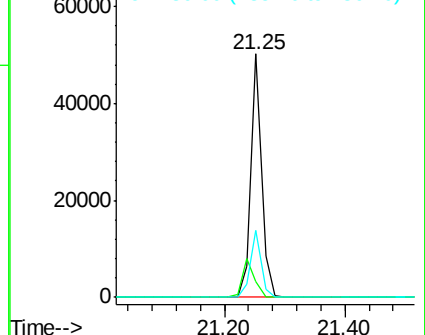
236 27.3 21.6 32.4



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



#26

Pyrene

Concen: 0.99 ng

RT: 19.48 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BM001777.D

Acq: 22 Jun 2015 17:48

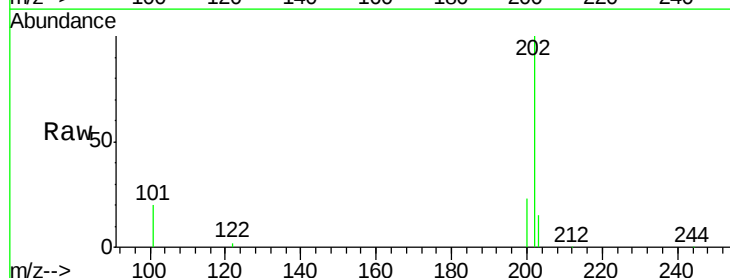
Tgt Ion:202 Resp: 20892

Ion Ratio Lower Upper

202 100

200 20.5 16.6 24.8

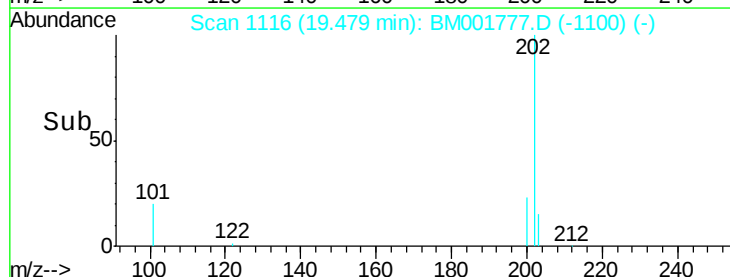
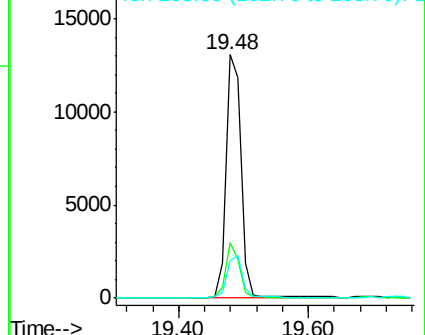
203 17.3 13.9 20.9

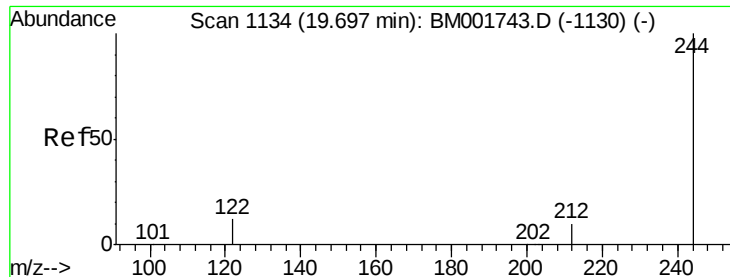


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

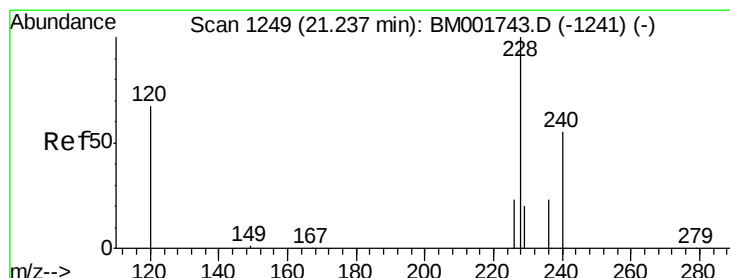
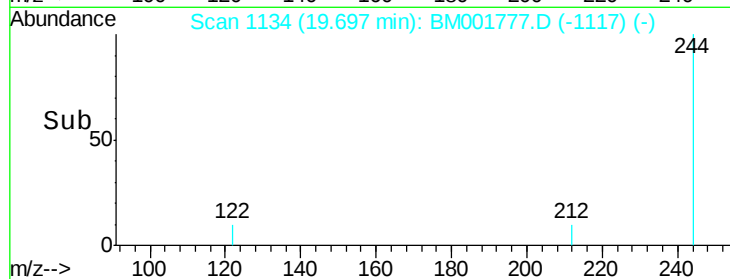
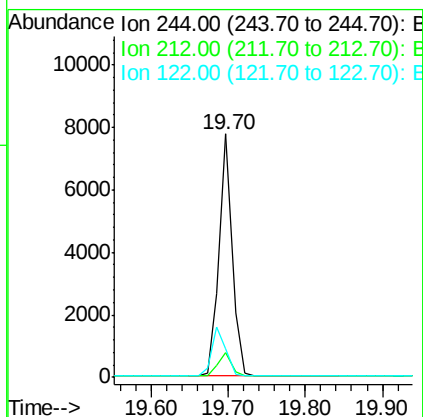
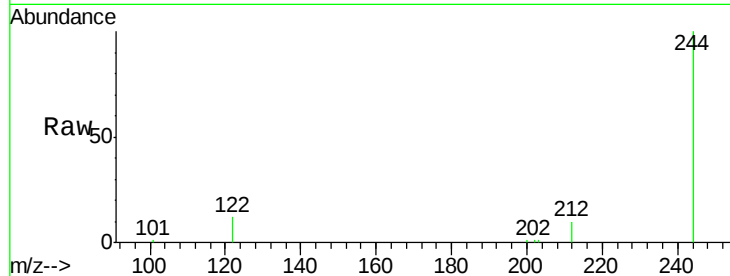




#27
 Terphenyl-d14
 Concen: 1.02 ng
 RT: 19.70 min Scan# 1134
 Delta R.T. 0.00 min
 Lab File: BM001777.D
 Acq: 22 Jun 2015 17:48

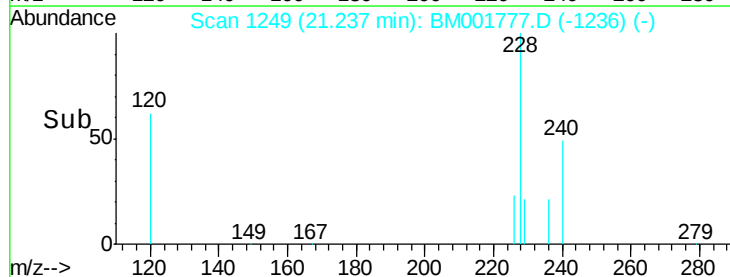
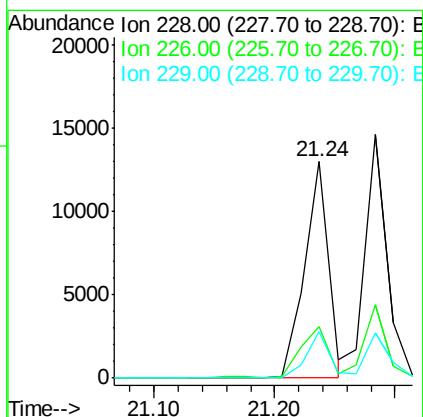
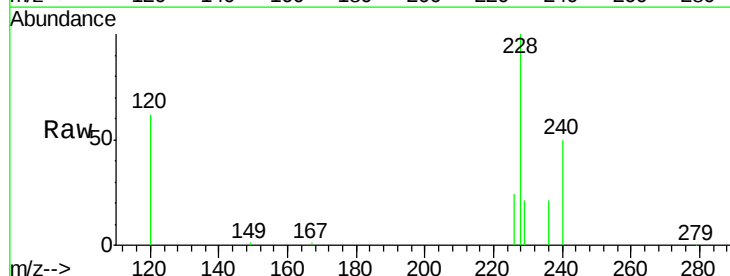
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

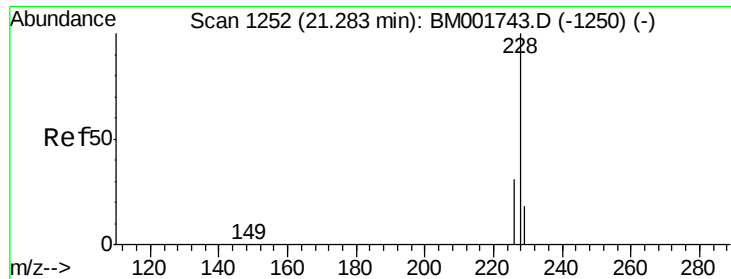
Tgt Ion: 244 Resp: 9180
 Ion Ratio Lower Upper
 244 100
 212 10.1 8.6 13.0
 122 11.7 10.6 15.8



#28
 Benzo(a)anthracene
 Concen: 0.97 ng
 RT: 21.24 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BM001777.D
 Acq: 22 Jun 2015 17:48

Tgt Ion: 228 Resp: 17768
 Ion Ratio Lower Upper
 228 100
 226 23.9 18.9 28.3
 229 21.3 16.6 25.0





#29

Chrysene

Concen: 0.95 ng

RT: 21.28 min Scan# 1252

Delta R.T. 0.00 min

Lab File: BM001777.D

Acq: 22 Jun 2015 17:48

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

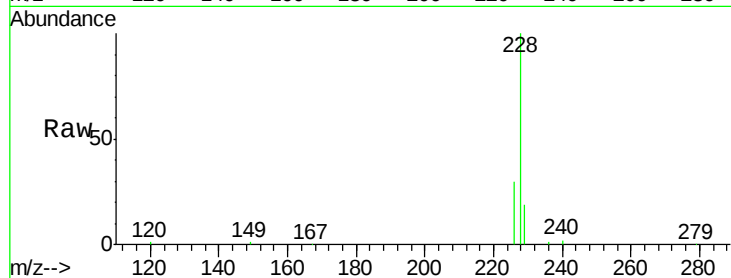
Tgt Ion:228 Resp: 18311

Ion Ratio Lower Upper

228 100

226 30.3 24.3 36.5

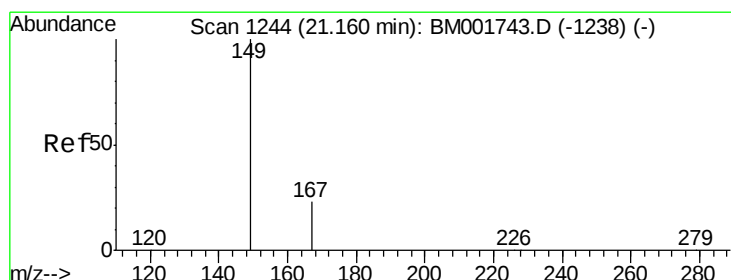
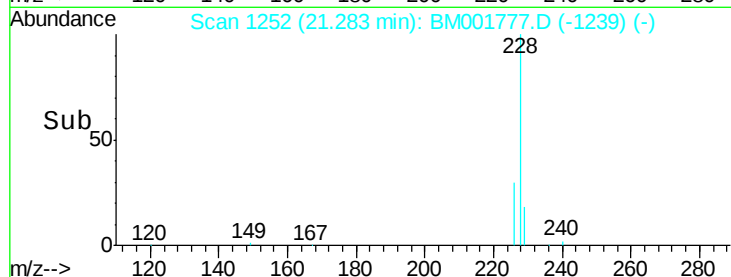
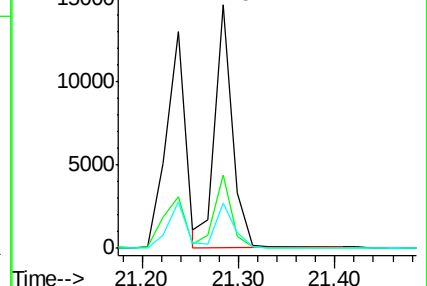
229 18.6 15.0 22.6



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



#30

Bis(2-ethylhexyl)phthalate

Concen: 1.03 ng

RT: 21.16 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BM001777.D

Acq: 22 Jun 2015 17:48

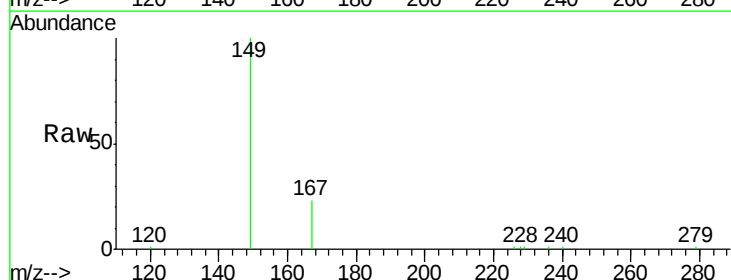
Tgt Ion:149 Resp: 10871

Ion Ratio Lower Upper

149 100

167 24.9 19.7 29.5

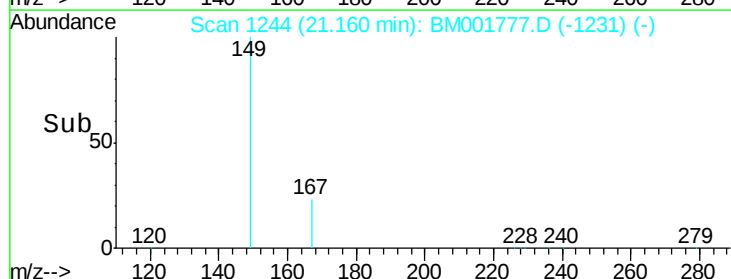
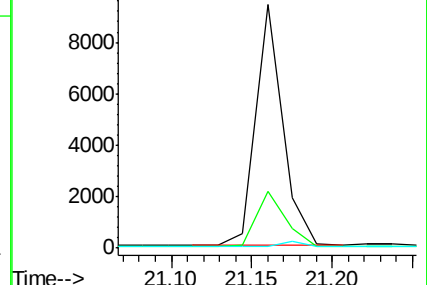
279 2.2 1.6 2.4

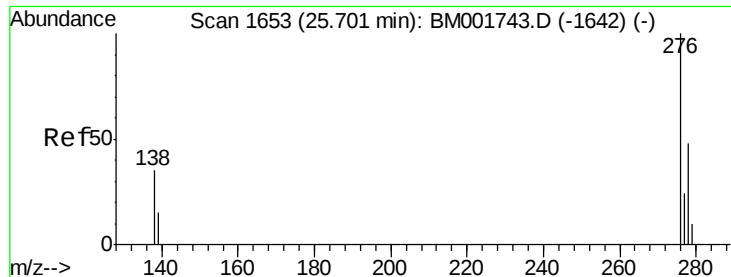


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#31

Indeno(1,2,3-cd)pyrene

Concen: 0.96 ng

RT: 25.70 min Scan# 1653

Delta R.T. 0.00 min

Lab File: BM001777.D

Acq: 22 Jun 2015 17:48

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

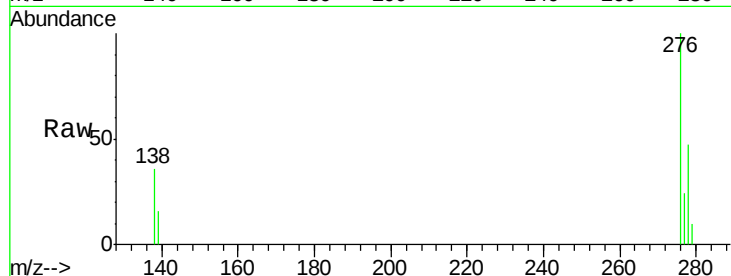
Tgt Ion:276 Resp: 17820

Ion Ratio Lower Upper

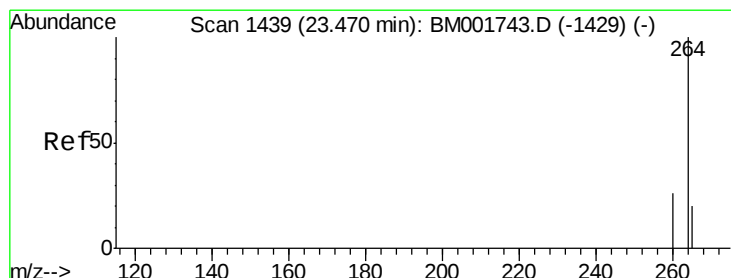
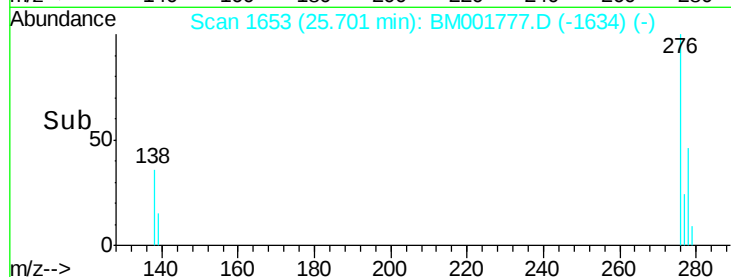
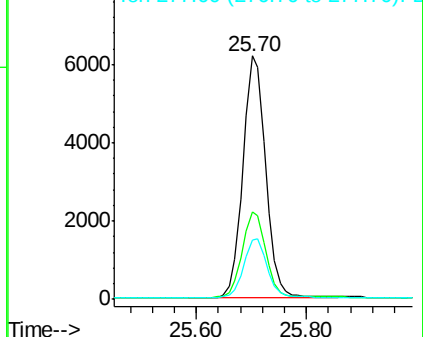
276 100

138 36.5 29.0 43.6

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



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.47 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BM001777.D

Acq: 22 Jun 2015 17:48

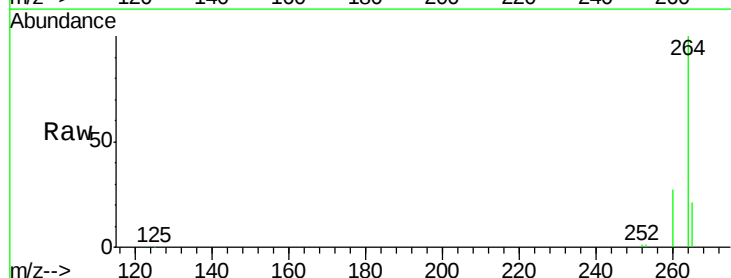
Tgt Ion:264 Resp: 53641

Ion Ratio Lower Upper

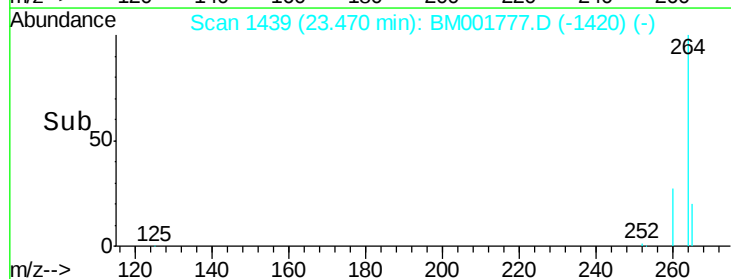
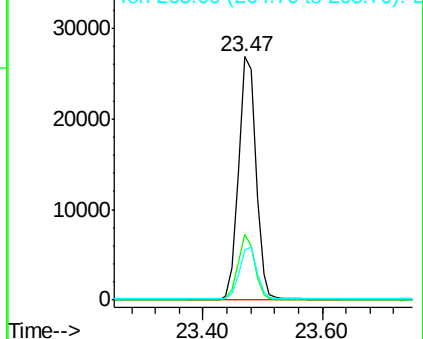
264 100

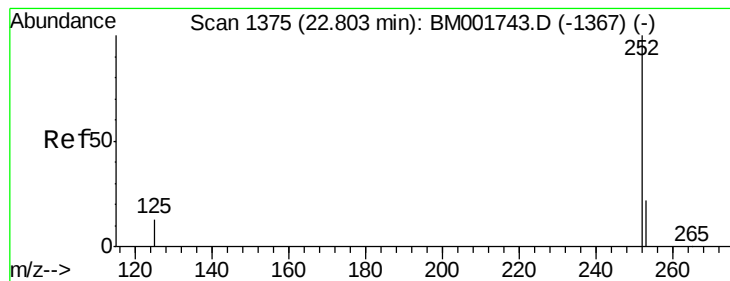
260 26.9 20.8 31.2

265 20.6 16.8 25.2



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 0.97 ng

RT: 22.80 min Scan# 1375

Delta R.T. 0.00 min

Lab File: BM001777.D

Acq: 22 Jun 2015 17:48

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

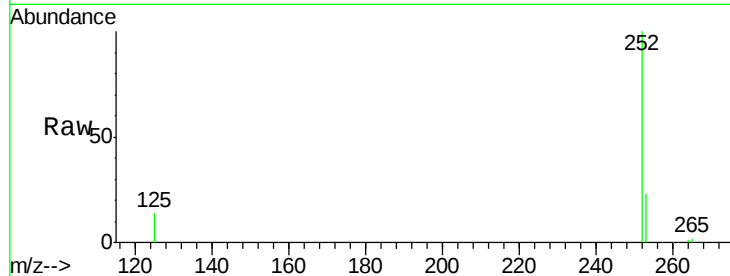
Tgt Ion:252 Resp: 17158

Ion Ratio Lower Upper

252 100

253 23.2 19.0 28.4

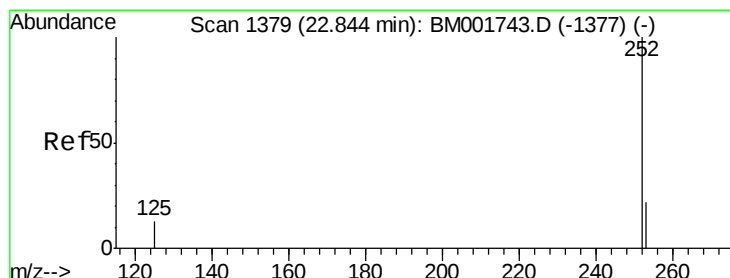
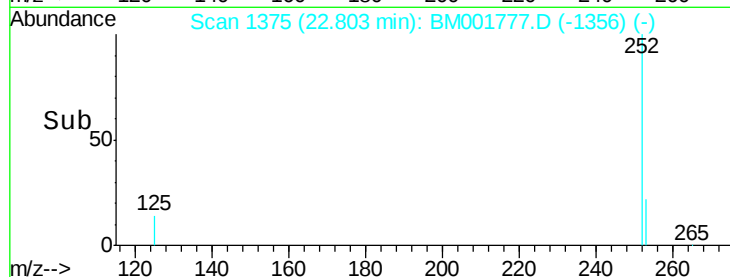
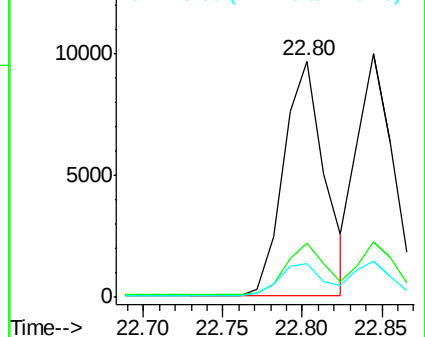
125 14.4 11.3 16.9



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



#34

Benzo(k)fluoranthene

Concen: 0.99 ng

RT: 22.84 min Scan# 1379

Delta R.T. 0.00 min

Lab File: BM001777.D

Acq: 22 Jun 2015 17:48

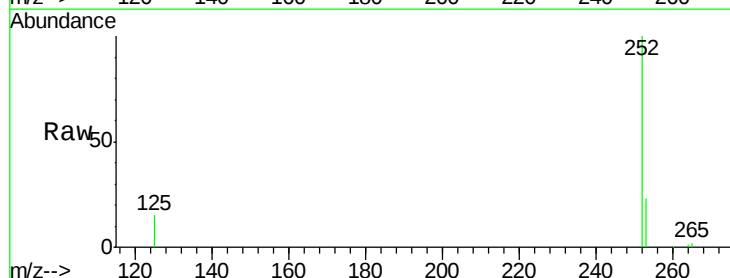
Tgt Ion:252 Resp: 15600

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.4

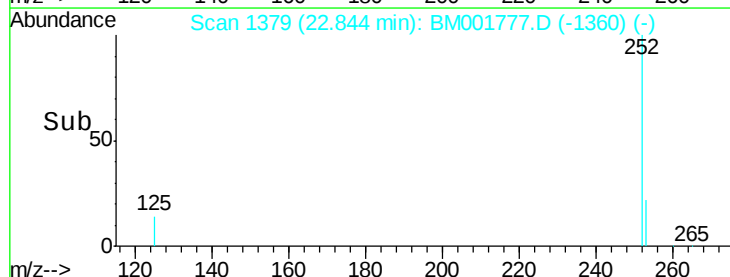
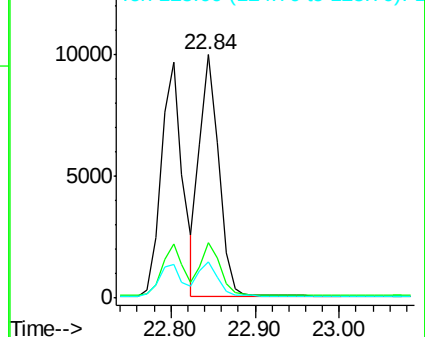
125 14.8 11.8 17.6



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





#35

Benzo(a)pyrene

Concen: 1.00 ng

RT: 23.38 min Scan# 1430

Delta R.T. 0.01 min

Lab File: BM001777.D

Acq: 22 Jun 2015 17:48

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

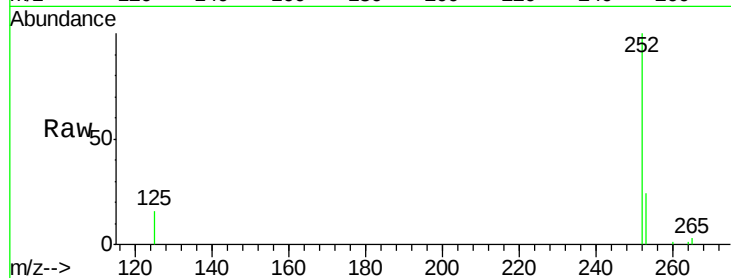
Tgt Ion: 252 Resp: 14875

Ion Ratio Lower Upper

252 100

253 23.8 17.9 26.9

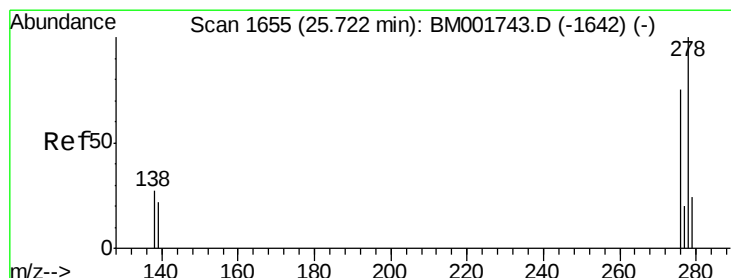
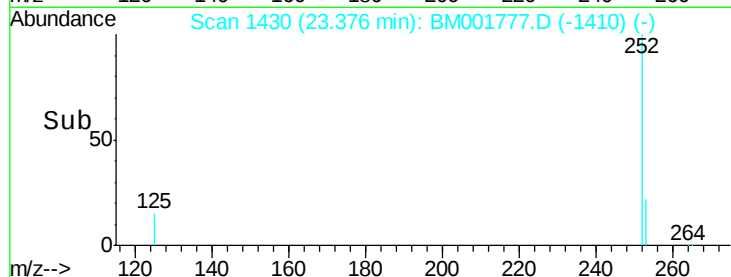
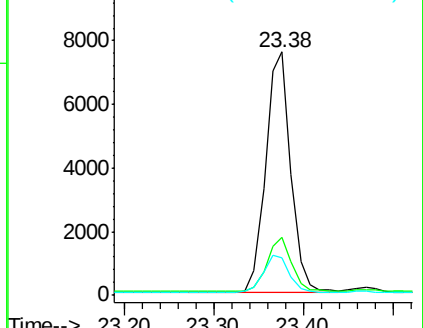
125 15.6 14.1 21.1



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



#36

Dibenzo(a,h)anthracene

Concen: 0.97 ng

RT: 25.72 min Scan# 1655

Delta R.T. 0.00 min

Lab File: BM001777.D

Acq: 22 Jun 2015 17:48

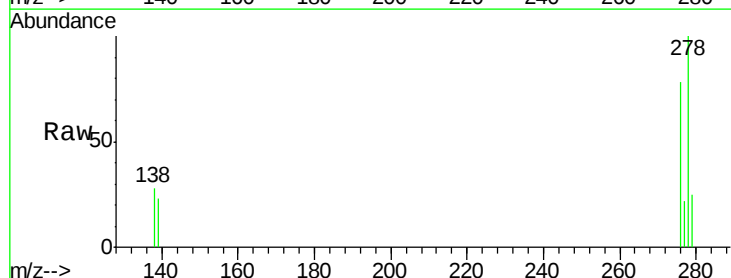
Tgt Ion: 278 Resp: 14235

Ion Ratio Lower Upper

278 100

139 23.3 18.4 27.6

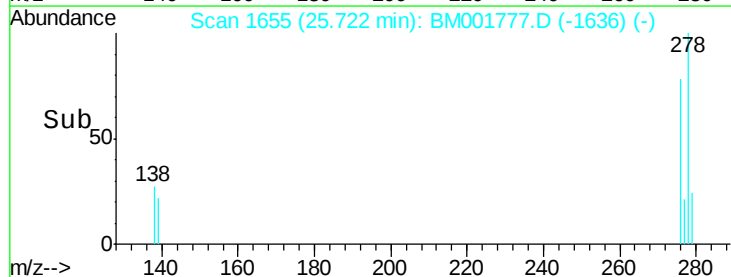
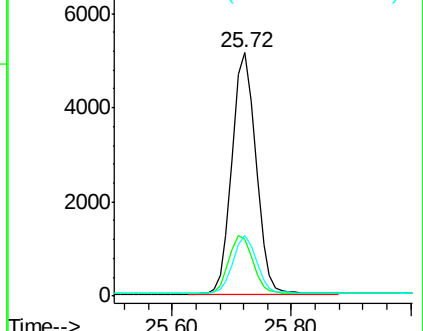
279 24.8 19.8 29.8



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





#37

Benzo(g,h,i)perylene

Concen: 0.96 ng

RT: 26.39 min Scan# 1719

Delta R.T. 0.00 min

Lab File: BM001777.D

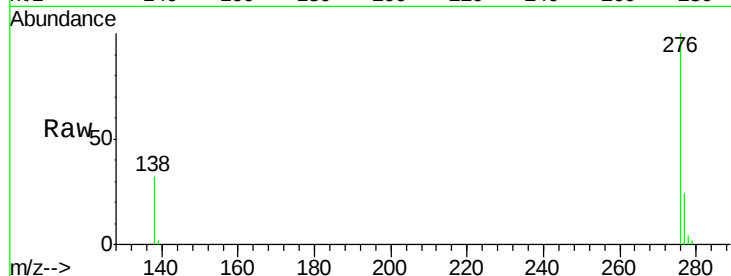
Acq: 22 Jun 2015 17:48

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC



Tgt Ion: 276 Resp: 14861

Ion Ratio Lower Upper

276 100

277 24.1 19.3 28.9

138 31.6 24.7 37.1

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

