

Data Path : Z:\HPCHEM1\BNA M\DATA\BM061915\NEW FOLDER\
 Data File : BM001750.D
 Acq On : 18 Jun 2015 23:11
 Operator : TP/IZ
 Sample : PB84083BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 19 09:12:21 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	14977	5.00	ng	0.00
6) Naphthalene-d8	10.46	136	57036	5.00	ng	0.00
12) Acenaphthene-d10	14.32	164	29210	5.00	ng	0.00
18) Phenanthrene-d10	17.06	188	75361	5.00	ng	0.00
25) Chrysene-d12	21.25	240	52666	5.00	ng	0.00
32) Perylene-d12	23.47	264	45945	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	42746	12.21	ng	0.00
5) Phenol-d6	6.83	99	58440	12.97	ng	0.00
7) Nitrobenzene-d5	8.83	82	37161	8.35	ng	0.00
13) 2,4,6-Tribromophenol	15.80	330	14619	16.03	ng	0.00
14) 2-Fluorobiphenyl	12.94	172	78720	7.54	ng	0.00
27) Terphenyl-d14	19.70	244	57959	7.47	ng	0.00

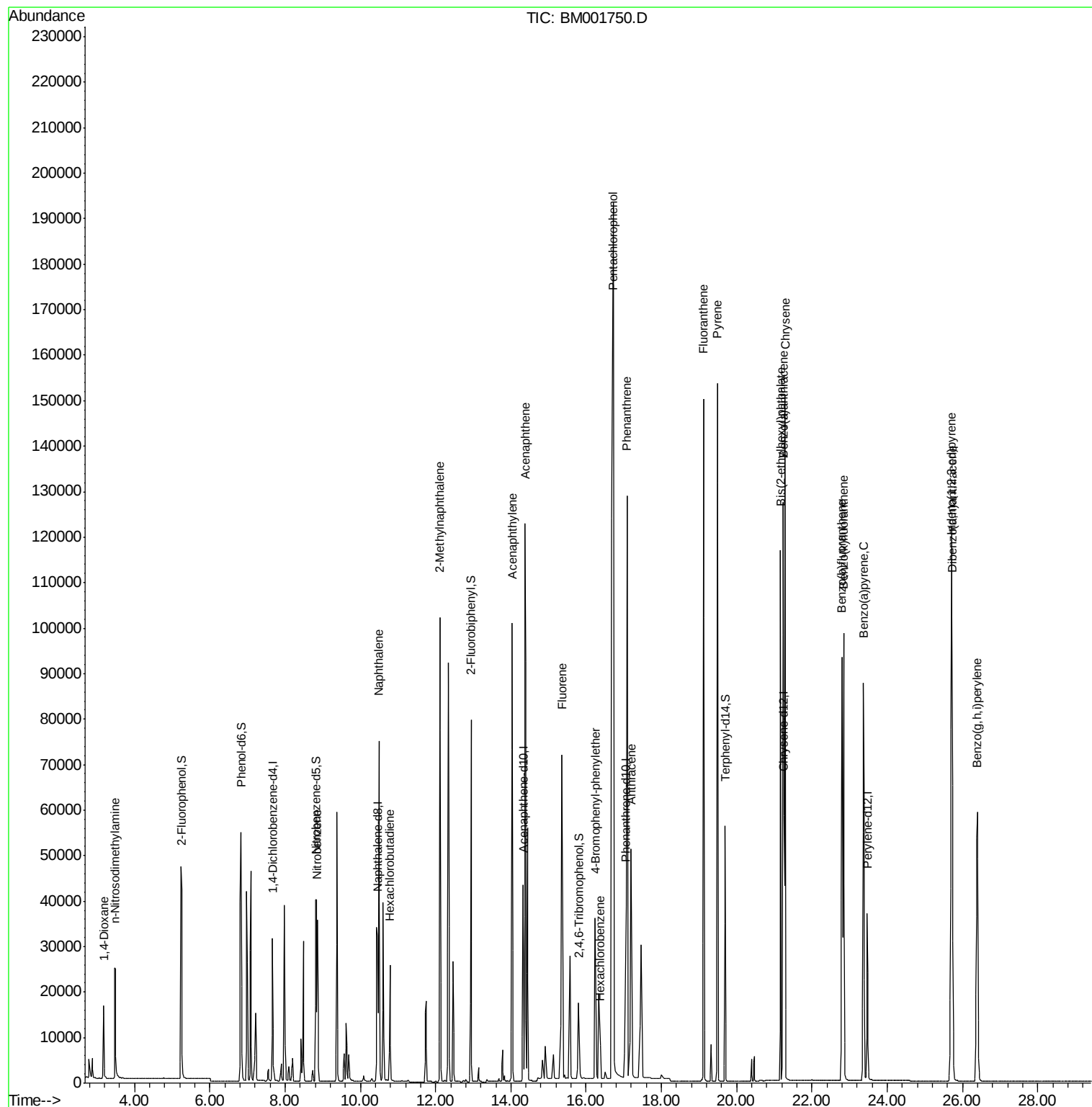
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.18	88	12236	7.17	ng	95
3) n-Nitrosodimethylamine	3.48	42	22116	8.39	ng	94
8) Nitrobenzene	8.86	77	42074	8.79	ng	98
9) Naphthalene	10.49	128	106727	7.66	ng	99
10) Hexachlorobutadiene	10.78	225	17879	7.62	ng	99
11) 2-Methylnaphthalene	12.12	142	72030	8.12	ng	99
15) Acenaphthylene	14.03	152	119138	8.58	ng	99
16) Acenaphthene	14.37	154	69638	8.01	ng	97
17) Fluorene	15.36	166	71522	9.59	ng	97
19) 4-Bromophenyl-phenylether	16.24	248	26355	8.53	ng	92
20) Hexachlorobenzene	16.38	284	16279	7.66	ng	# 100
21) Pentachlorophenol	16.72	266	177051	187.28	ng	94
22) Phenanthrene	17.09	178	195803	7.58	ng	98
23) Anthracene	17.19	178	77420	7.10	ng	# 94
24) Fluoranthene	19.12	202	141947	8.72	ng	100
26) Pyrene	19.48	202	155673	8.49	ng	100
28) Benzo(a)anthracene	21.24	228	131361	8.28	ng	97
29) Chrysene	21.28	228	127770	7.66	ng	96
30) Bis(2-ethylhexyl)phthalate	21.16	149	99731	10.89	ng	98
31) Indeno(1,2,3-cd)pyrene	25.70	276	132790	8.28	ng	99
33) Benzo(b)fluoranthene	22.79	252	135086	8.96	ng	95
34) Benzo(k)fluoranthene	22.84	252	108478	8.04	ng	98
35) Benzo(a)pyrene	23.37	252	115103	9.07	ng	97
36) Dibenzo(a,h)anthracene	25.72	278	107205	8.53	ng	98
37) Benzo(g,h,i)perylene	26.39	276	110665	8.37	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: BM001750.D

Acq: 18 Jun 2015 23:11

Instrument :

BNA_M

ClientSampleId :

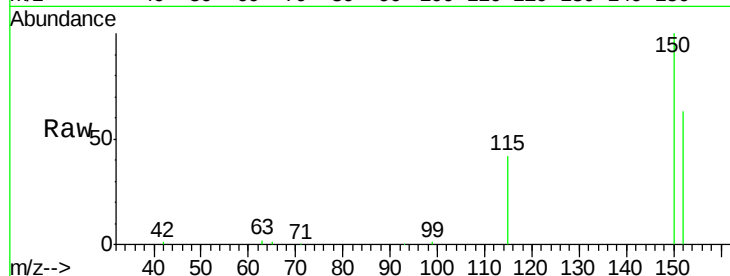
Tot Ion:152 Resp: 14977

Ion Ratio Lower Upper

152 100

150 158.5 127.5 191.3

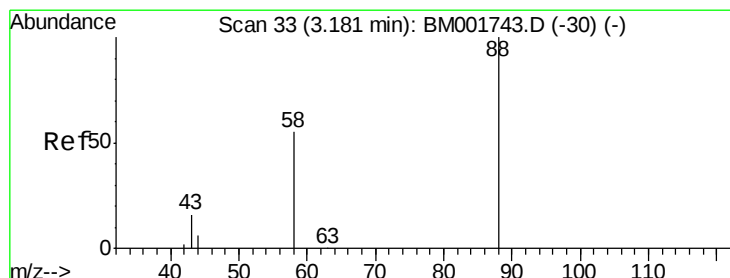
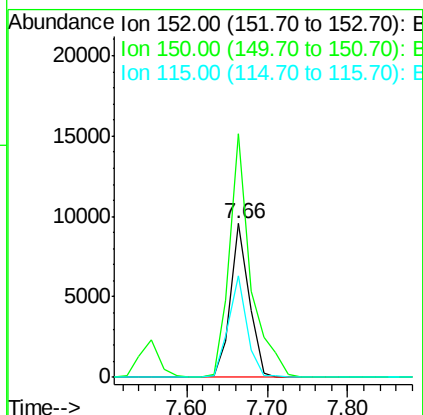
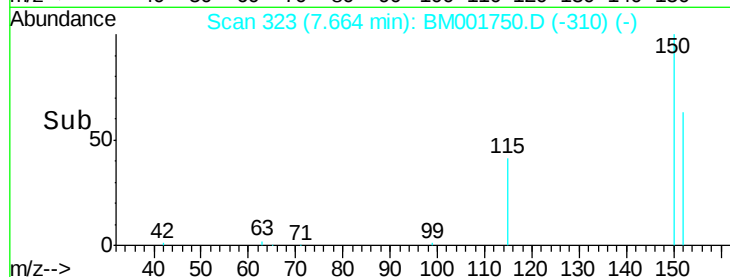
115 65.8 53.2 79.8



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: 7.17 ng

RT: 3.18 min Scan# 33

Delta R.T. 0.00 min

Lab File: BM001750.D

Acq: 18 Jun 2015 23:11

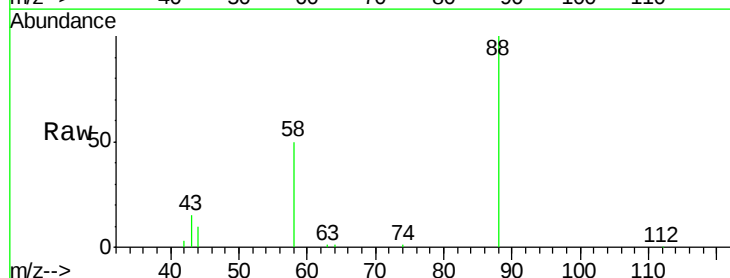
Tgt Ion: 88 Resp: 12236

Ion Ratio Lower Upper

88 100

58 90.5 68.3 102.5

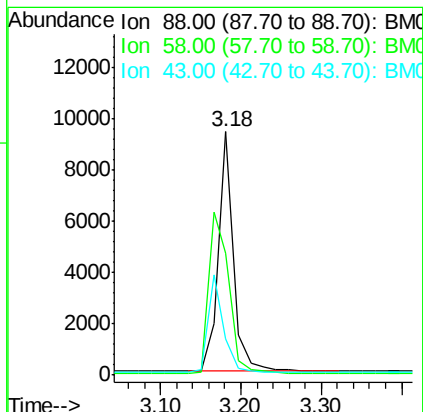
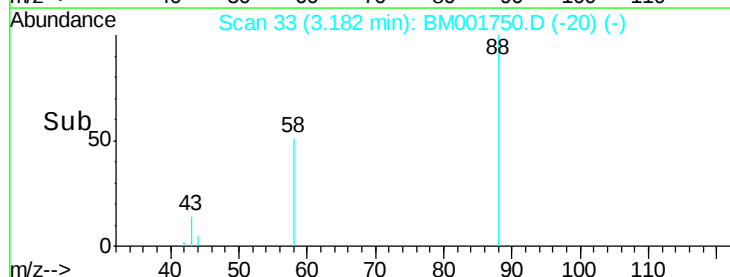
43 42.8 32.6 48.8

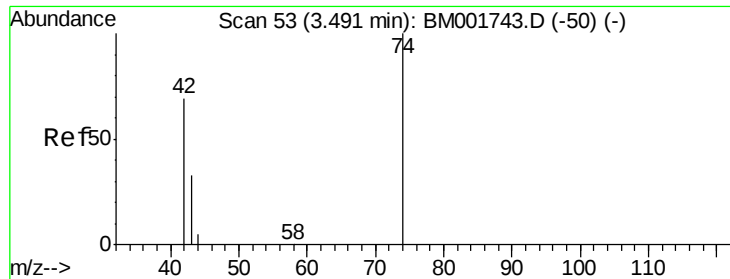


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 8.39 ng

RT: 3.48 min Scan# 52

Delta R.T. -0.02 min

Lab File: BM001750.D

Acq: 18 Jun 2015 23:11

Instrument :

BNA_M

ClientSampleId :

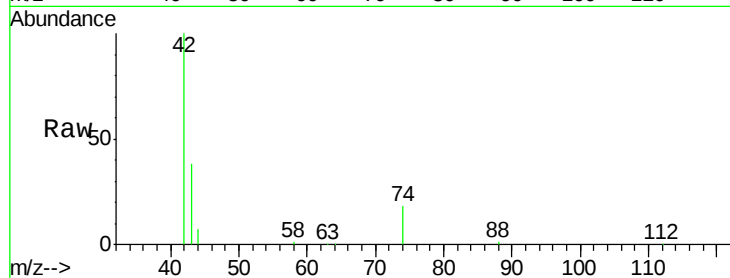
Tot Ion: 42 Resp: 22116

Ion Ratio Lower Upper

42 100

74 92.2 78.6 118.0

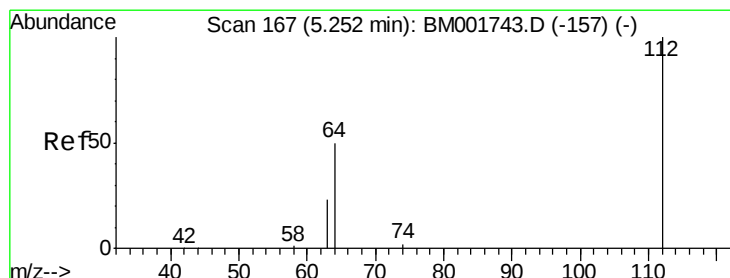
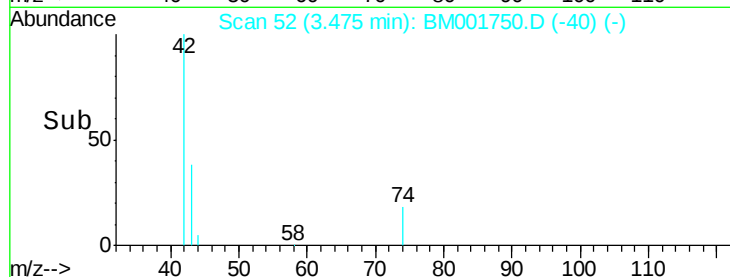
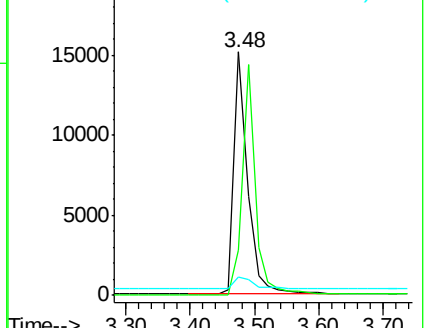
44 6.0 5.0 7.6



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: 12.21 ng

RT: 5.25 min Scan# 167

Delta R.T. 0.00 min

Lab File: BM001750.D

Acq: 18 Jun 2015 23:11

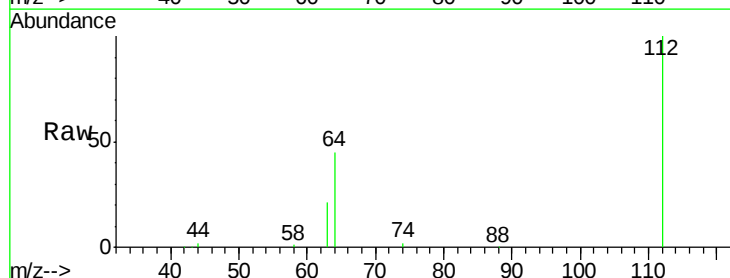
Tgt Ion: 112 Resp: 42746

Ion Ratio Lower Upper

112 100

64 69.9 55.6 83.4

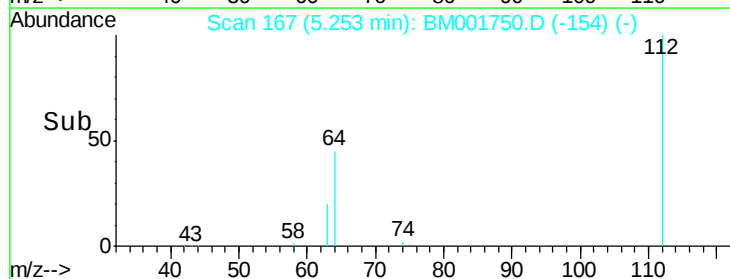
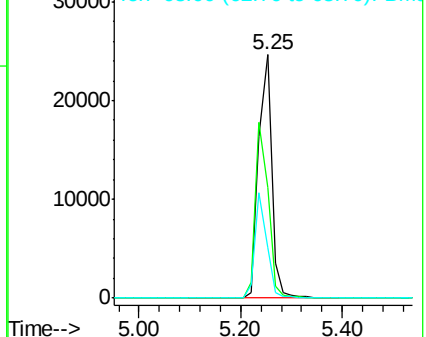
63 38.6 30.2 45.2

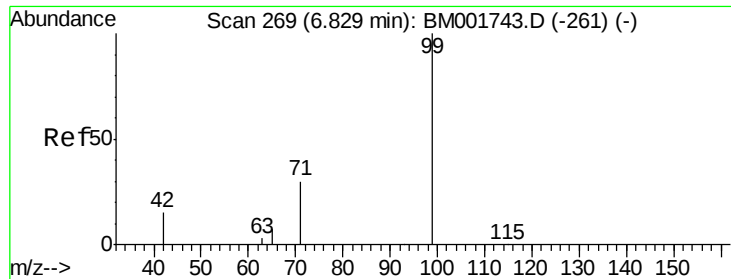


Abundance Ion 112.00 (111.70 to 112.70): BM001743.D (-157) (-)

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: 12.97 ng

RT: 6.83 min Scan# 269

Delta R.T. 0.00 min

Lab File: BM001750.D

Acq: 18 Jun 2015 23:11

Instrument :

BNA_M

ClientSampled :

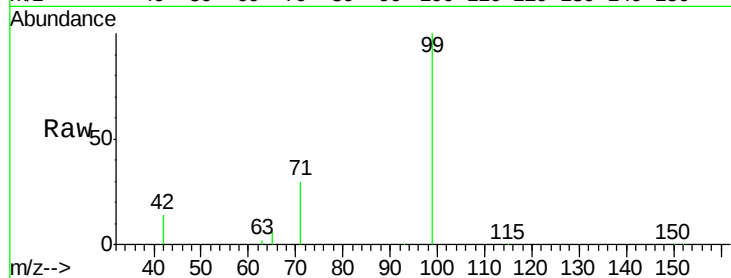
Tot Ion: 99 Resp: 58440

Ion Ratio Lower Upper

99 100

42 27.0 21.4 32.0

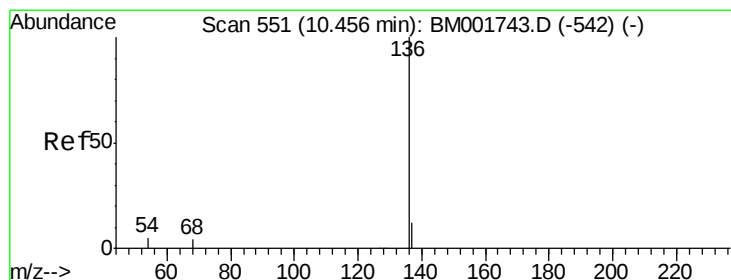
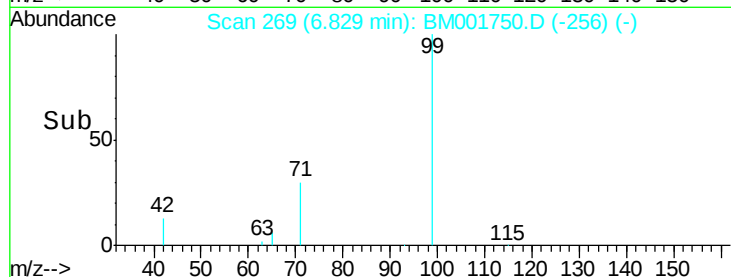
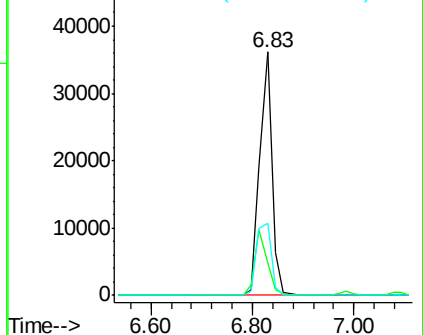
71 36.1 28.3 42.5



Abundance Ion 99.00 (98.70 to 99.70): BM001743.D (-261) (-)

Ion 42.00 (41.70 to 42.70): BM001743.D (-261) (-)

Ion 71.00 (70.70 to 71.70): BM001743.D (-261) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.46 min Scan# 551

Delta R.T. 0.00 min

Lab File: BM001750.D

Acq: 18 Jun 2015 23:11

Tgt Ion: 136 Resp: 57036

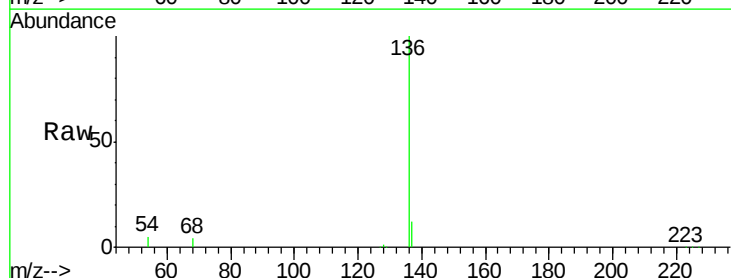
Ion Ratio Lower Upper

136 100

137 11.7 9.4 14.0

54 5.5 4.4 6.6

68 3.9 3.1 4.7

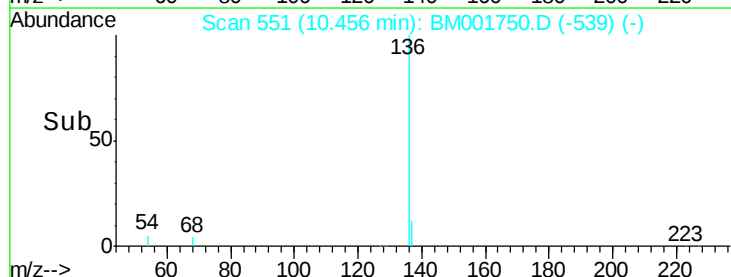
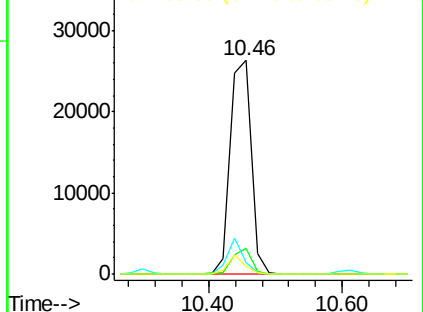


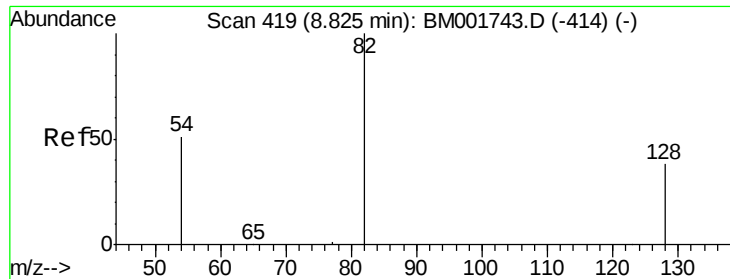
Abundance Ion 136.00 (135.70 to 136.70): BM001743.D (-542) (-)

Ion 137.00 (136.70 to 137.70): BM001743.D (-542) (-)

Ion 54.00 (53.70 to 54.70): BM001743.D (-542) (-)

Ion 68.00 (67.70 to 68.70): BM001743.D (-542) (-)





#7

Nitrobenzene-d5

Concen: 8.35 ng

RT: 8.83 min Scan# 419

Delta R.T. 0.00 min

Lab File: BM001750.D

Acq: 18 Jun 2015 23:11

Instrument :

BNA_M

ClientSampled :

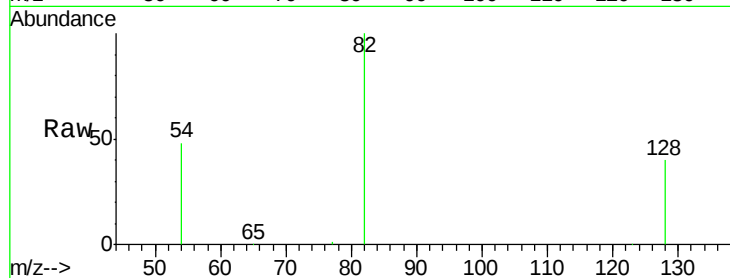
Tot Ion: 82 Resp: 37161

Ion Ratio Lower Upper

82 100

128 40.0 31.3 46.9

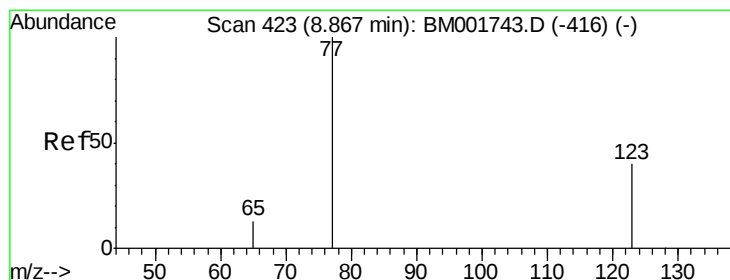
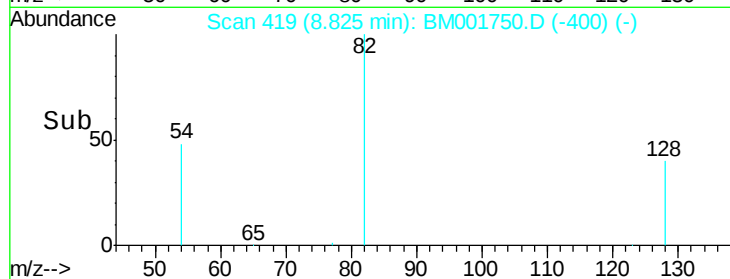
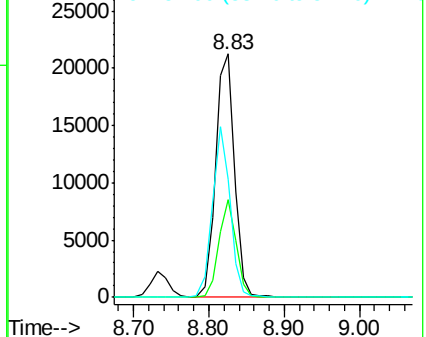
54 48.4 41.9 62.9



Abundance Ion 82.00 (81.70 to 82.70): BM001750.D (-400) (-)

Ion 128.00 (127.70 to 128.70): BM001750.D (-400) (-)

Ion 54.00 (53.70 to 54.70): BM001750.D (-400) (-)



#8

Nitrobenzene

Concen: 8.79 ng

RT: 8.86 min Scan# 422

Delta R.T. -0.01 min

Lab File: BM001750.D

Acq: 18 Jun 2015 23:11

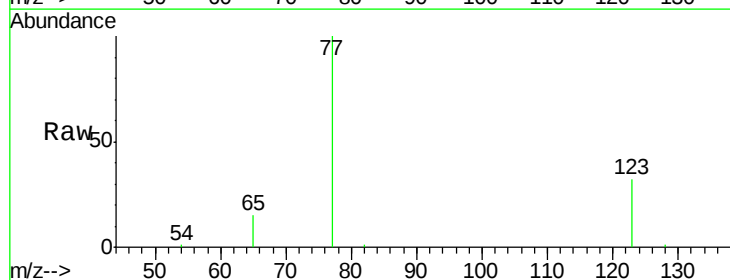
Tgt Ion: 77 Resp: 42074

Ion Ratio Lower Upper

77 100

123 38.7 30.1 45.1

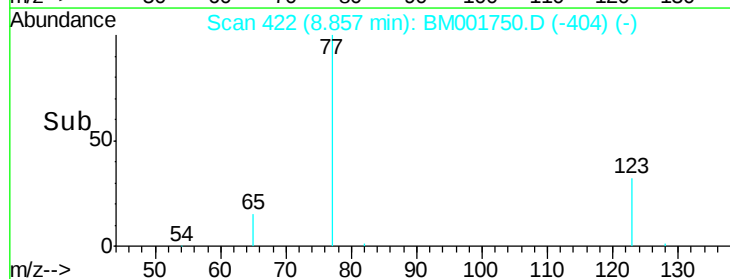
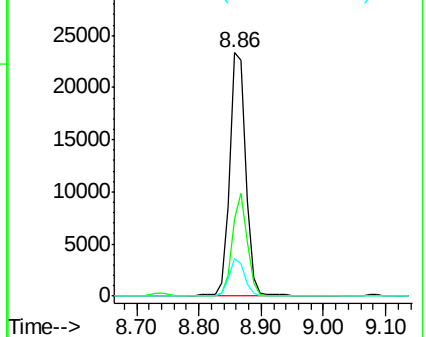
65 14.5 11.3 16.9

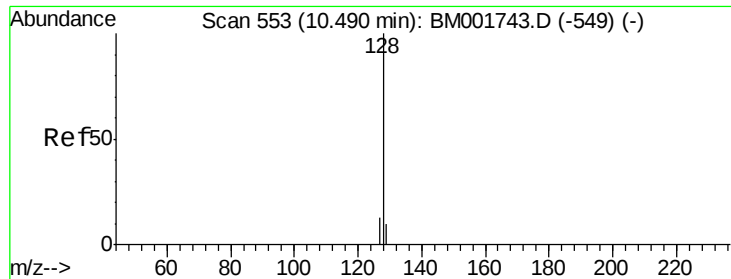


Abundance Ion 77.00 (76.70 to 77.70): BM001750.D (-404) (-)

Ion 123.00 (122.70 to 123.70): BM001750.D (-404) (-)

Ion 65.00 (64.70 to 65.70): BM001750.D (-404) (-)





#9

Naphthalene

Concen: 7.66 ng

RT: 10.49 min Scan# 553

Delta R.T. 0.00 min

Lab File: BM001750.D

Acq: 18 Jun 2015 23:11

Instrument :

BNA_M

ClientSampleId :

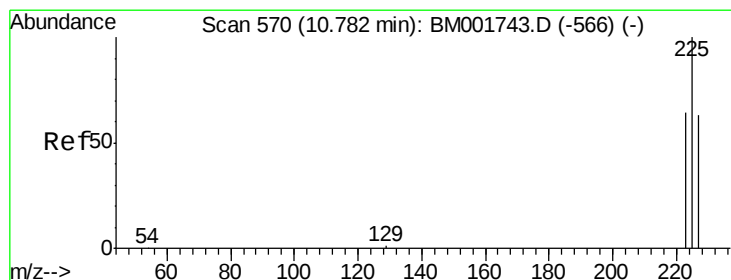
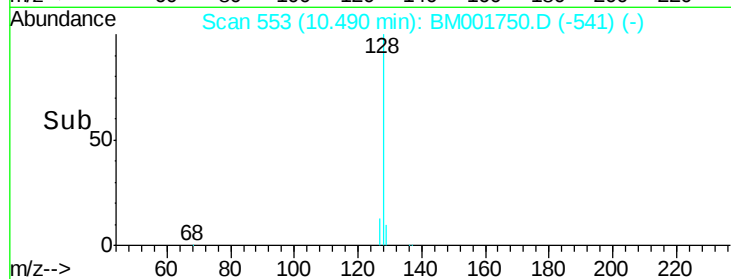
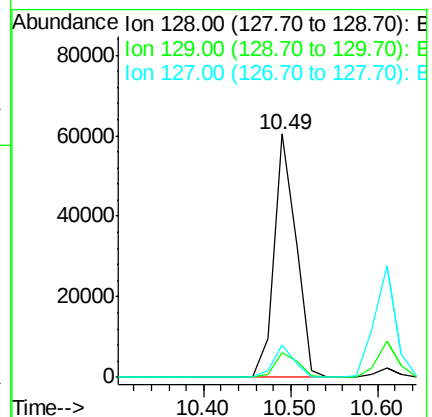
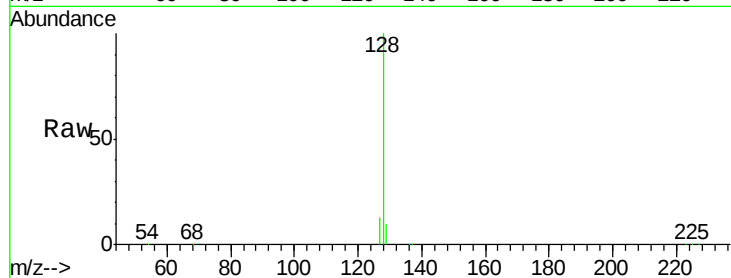
Tot Ion:128 Resp: 106727

Ion Ratio Lower Upper

128 100

129 10.4 8.7 13.1

127 13.3 11.2 16.8



#10

Hexachlorobutadiene

Concen: 7.62 ng

RT: 10.78 min Scan# 570

Delta R.T. 0.00 min

Lab File: BM001750.D

Acq: 18 Jun 2015 23:11

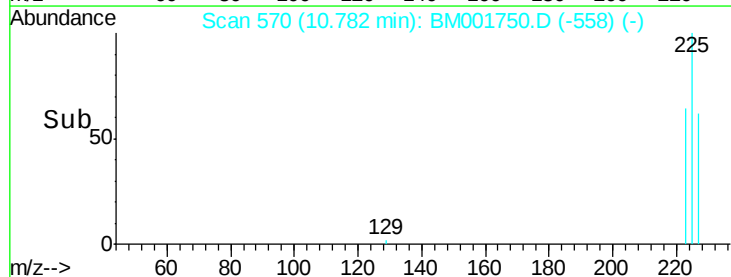
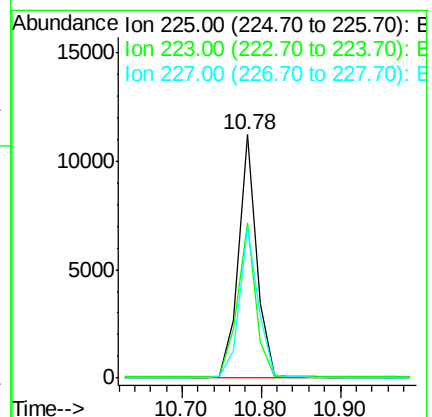
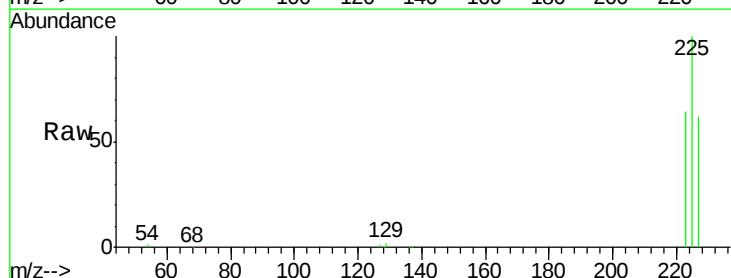
Tgt Ion:225 Resp: 17879

Ion Ratio Lower Upper

225 100

223 63.8 51.0 76.4

227 63.4 51.8 77.8





#11

2-Methylnaphthalene

Concen: 8.12 ng

RT: 12.12 min Scan# 678

Delta R.T. 0.00 min

Lab File: BM001750.D

Acq: 18 Jun 2015 23:11

Instrument :

BNA_M

ClientSampled :

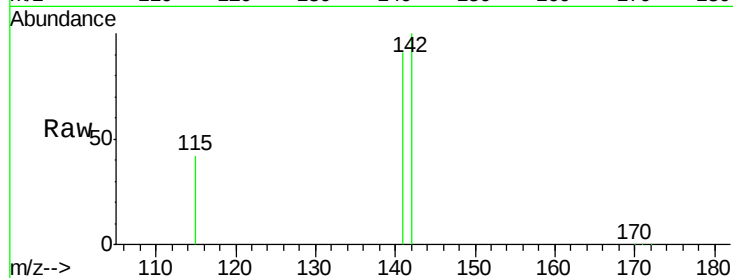
Tot Ion:142 Resp: 72030

Ion Ratio Lower Upper

142 100

141 91.5 73.6 110.4

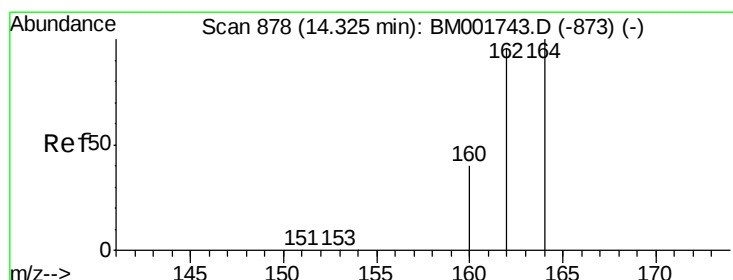
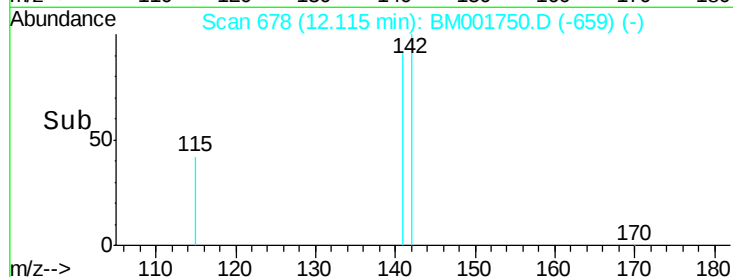
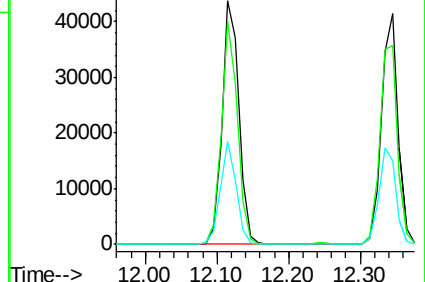
115 42.2 34.1 51.1



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: 14.32 min Scan# 878

Delta R.T. 0.00 min

Lab File: BM001750.D

Acq: 18 Jun 2015 23:11

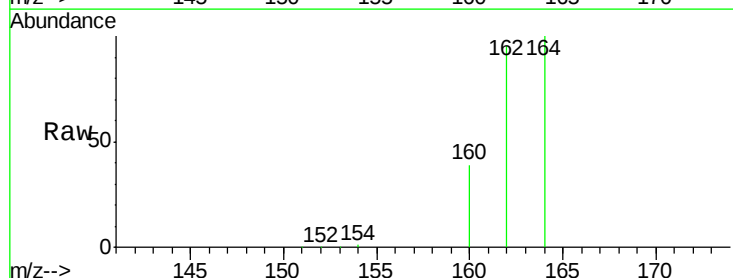
Tgt Ion:164 Resp: 29210

Ion Ratio Lower Upper

164 100

162 95.1 76.6 114.8

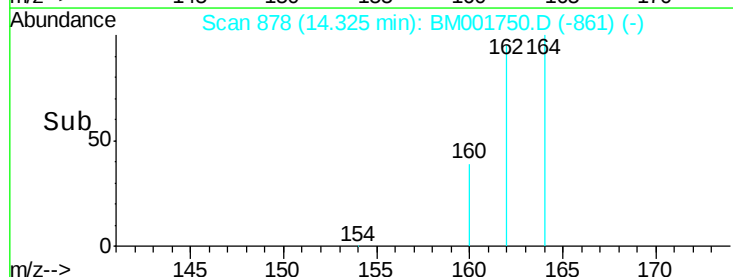
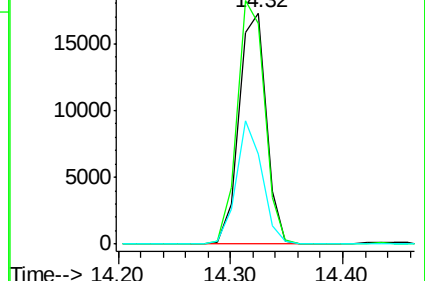
160 39.2 31.8 47.8

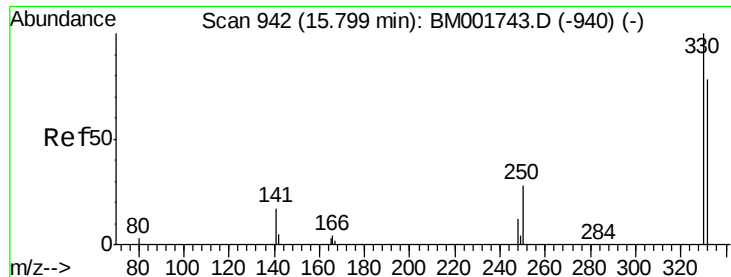


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

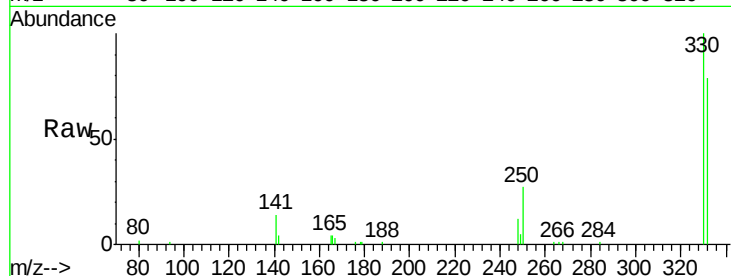




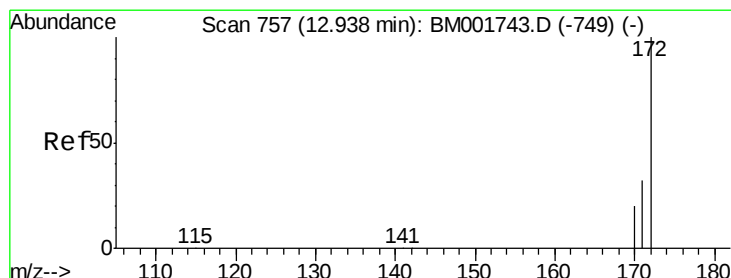
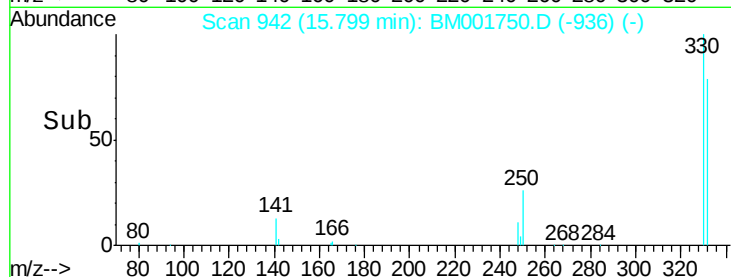
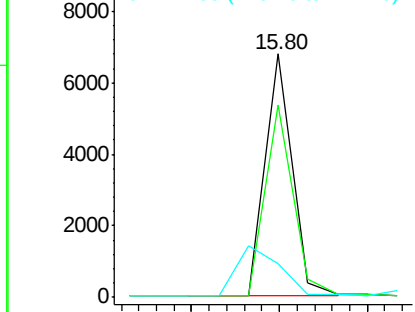
#13
 2,4,6-Tribromophenol
 Concen: 16.03 ng
 RT: 15.80 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: BM001750.D
 Acq: 18 Jun 2015 23:11

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 14619
 Ion Ratio Lower Upper
 330 100
 332 81.9 65.8 98.8
 141 0.0 0.0 0.0

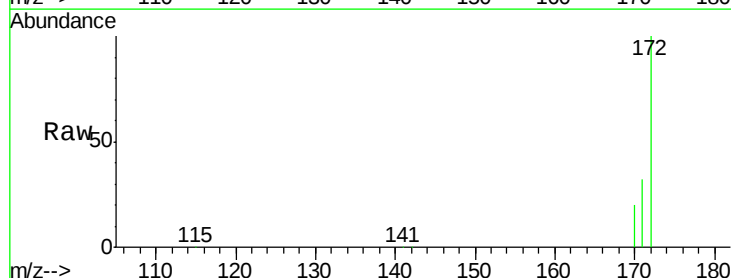


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

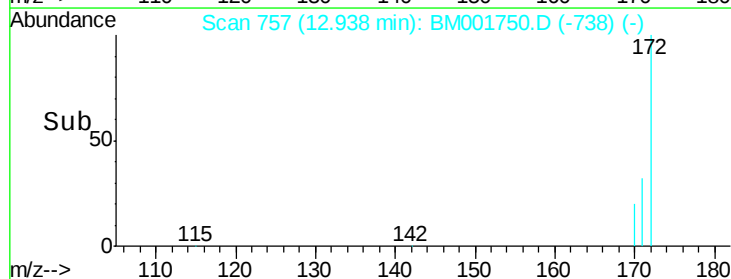
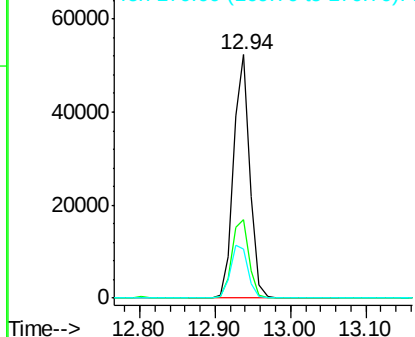


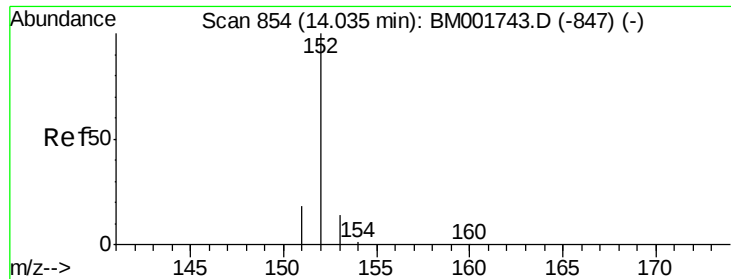
#14
 2-Fluorobiphenyl
 Concen: 7.54 ng
 RT: 12.94 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BM001750.D
 Acq: 18 Jun 2015 23:11

Tgt Ion:172 Resp: 78720
 Ion Ratio Lower Upper
 172 100
 171 32.0 26.2 39.2
 170 20.0 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: 8.58 ng

RT: 14.03 min Scan# 854

Delta R.T. 0.00 min

Lab File: BM001750.D

Acq: 18 Jun 2015 23:11

Instrument :

BNA_M

ClientSampleId :

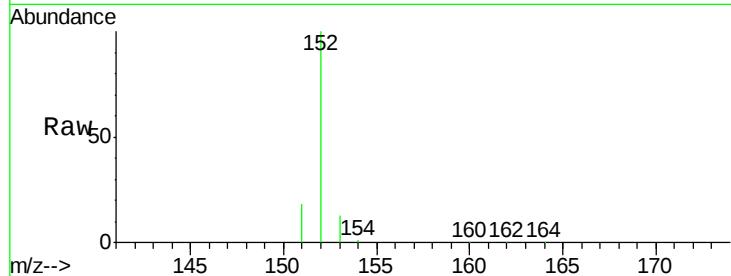
Tot Ion:152 Resp: 119138

Ion Ratio Lower Upper

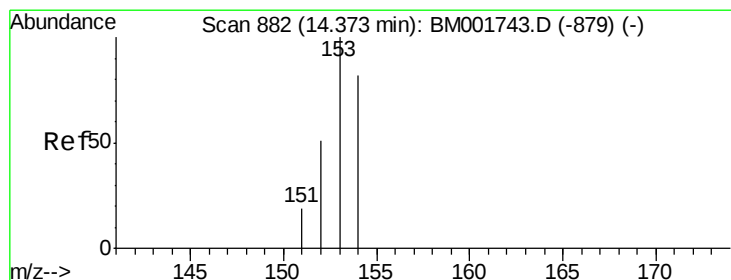
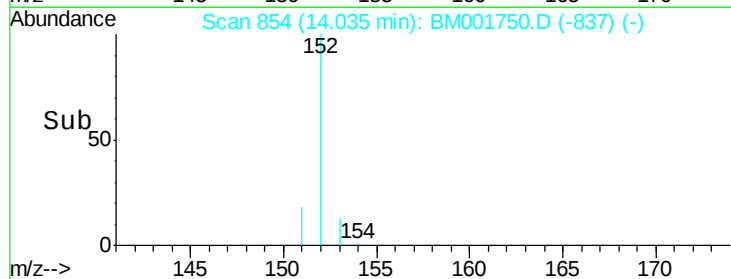
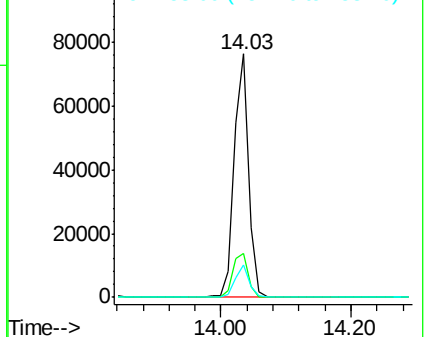
152 100

151 19.1 15.4 23.2

153 12.7 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: 8.01 ng

RT: 14.37 min Scan# 882

Delta R.T. 0.00 min

Lab File: BM001750.D

Acq: 18 Jun 2015 23:11

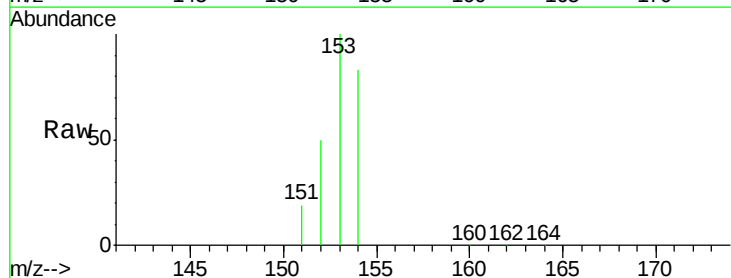
Tgt Ion:154 Resp: 69638

Ion Ratio Lower Upper

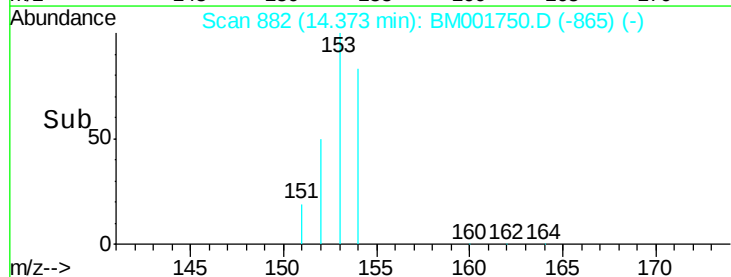
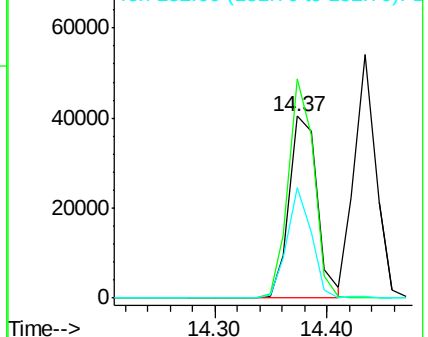
154 100

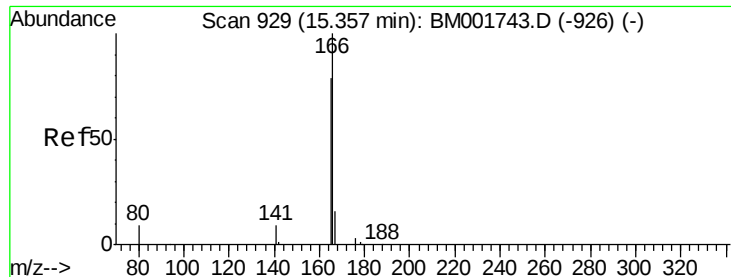
153 109.4 90.0 135.0

152 52.8 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

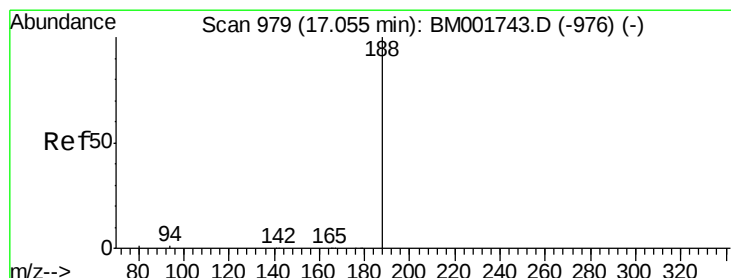
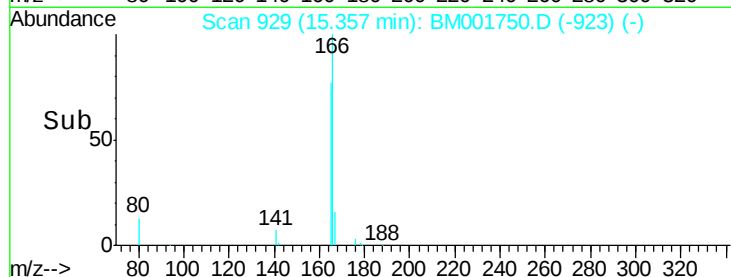
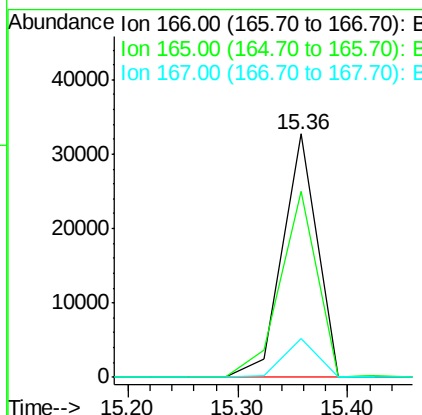
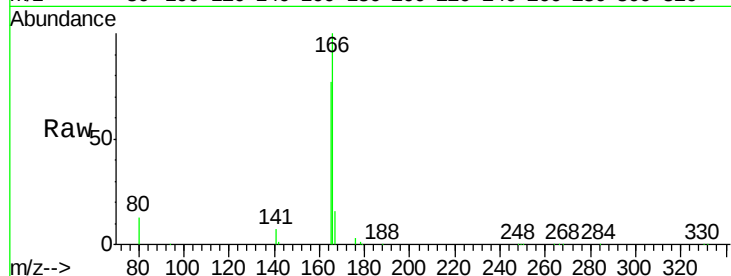




#17
 Fluorene
 Concen: 9.59 ng
 RT: 15.36 min Scan# 929
 Delta R.T. 0.00 min
 Lab File: BM001750.D
 Acq: 18 Jun 2015 23:11

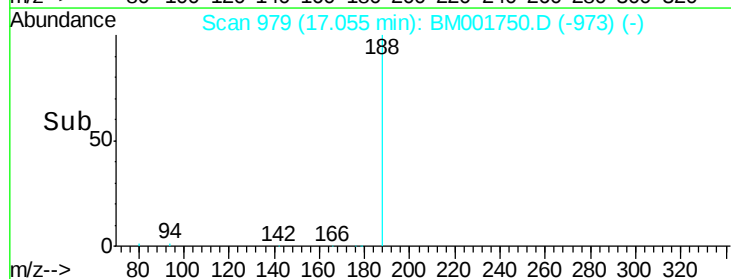
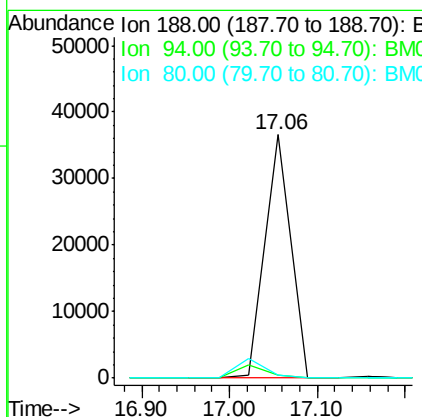
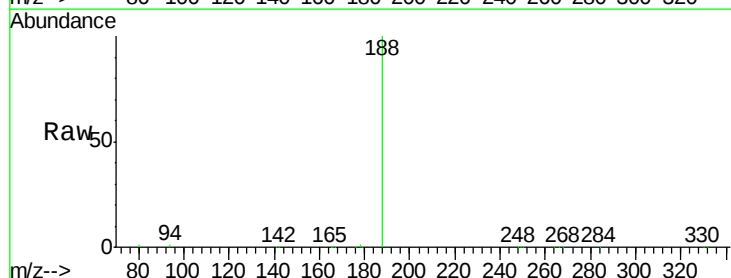
Instrument :
 BNA_M
 ClientSampleId :

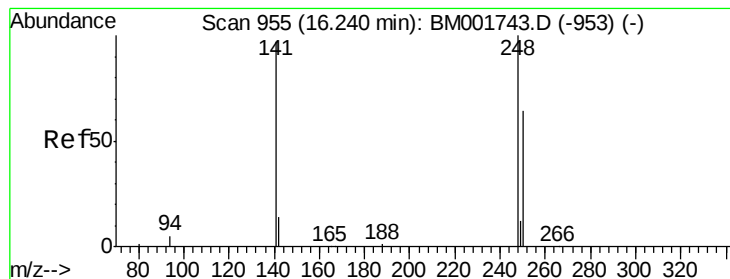
Tot Ion:166 Resp: 71522
 Ion Ratio Lower Upper
 166 100
 165 81.7 68.2 102.2
 167 15.3 12.2 18.2



#18
 Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.06 min Scan# 979
 Delta R.T. 0.00 min
 Lab File: BM001750.D
 Acq: 18 Jun 2015 23:11

Tgt Ion:188 Resp: 75361
 Ion Ratio Lower Upper
 188 100
 94 1.4 1.3 1.9
 80 1.2 1.0 1.6





#19

4-Bromophenyl-phenylether

Concen: 8.53 ng

RT: 16.24 min Scan# 955

Delta R.T. 0.00 min

Lab File: BM001750.D

Acq: 18 Jun 2015 23:11

Instrument :

BNA_M

ClientSampleId :

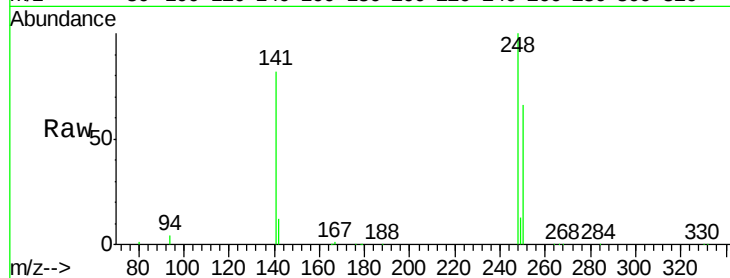
Tot Ion:248 Resp: 26355

Ion Ratio Lower Upper

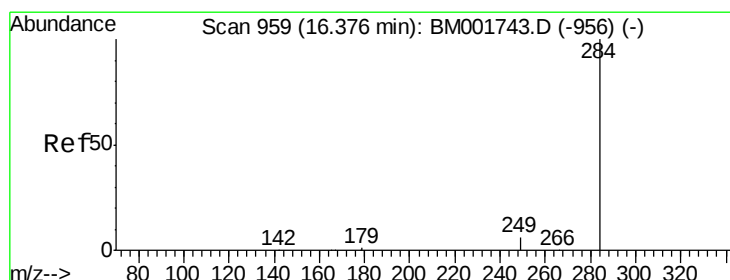
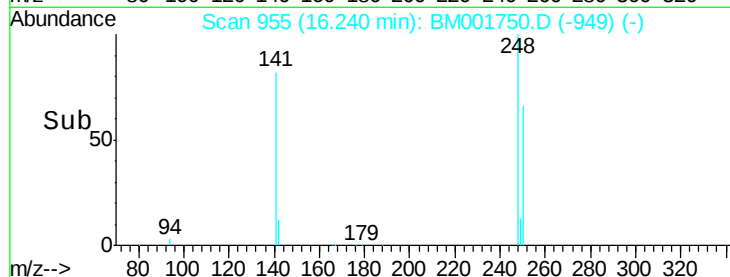
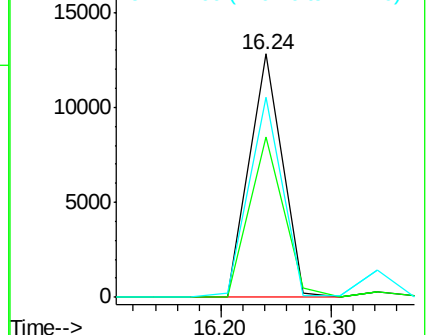
248 100

250 68.4 54.8 82.2

141 82.6 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: 7.66 ng

RT: 16.38 min Scan# 959

Delta R.T. 0.00 min

Lab File: BM001750.D

Acq: 18 Jun 2015 23:11

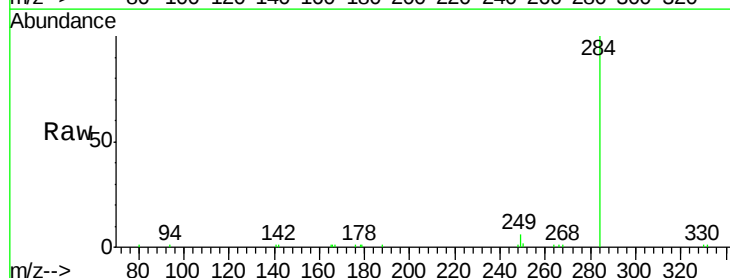
Tgt Ion:284 Resp: 16279

Ion Ratio Lower Upper

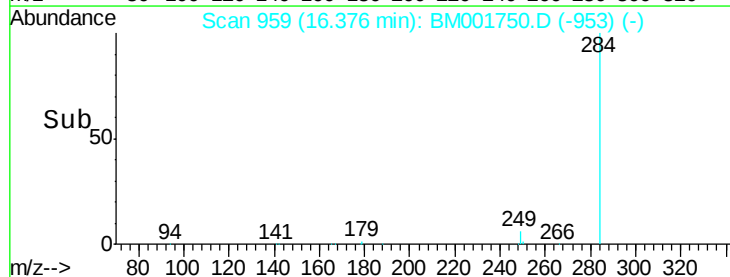
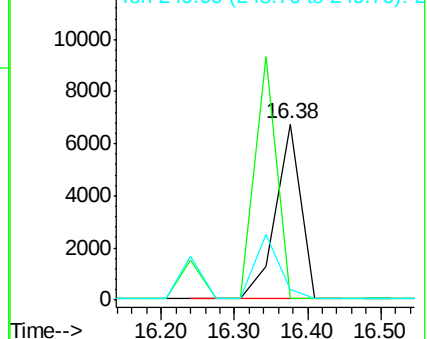
284 100

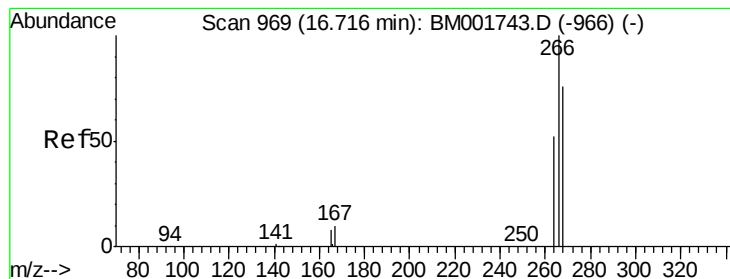
142 0.0 0.0 0.0

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: 187.28 ng

RT: 16.72 min Scan# 969

Delta R.T. 0.00 min

Lab File: BM001750.D

Acq: 18 Jun 2015 23:11

Instrument :

BNA_M

ClientSampleId :

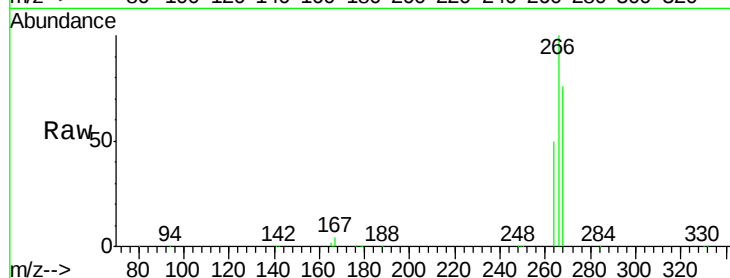
Tot Ion:266 Resp: 177051

Ion Ratio Lower Upper

266 100

268 75.8 63.2 94.8

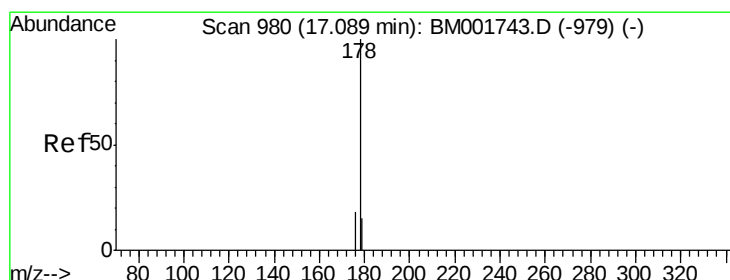
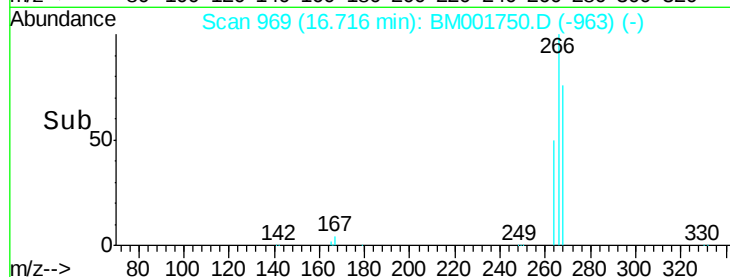
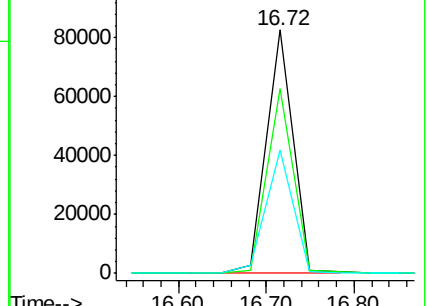
264 50.4 46.2 69.2



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: 7.58 ng

RT: 17.09 min Scan# 980

Delta R.T. 0.00 min

Lab File: BM001750.D

Acq: 18 Jun 2015 23:11

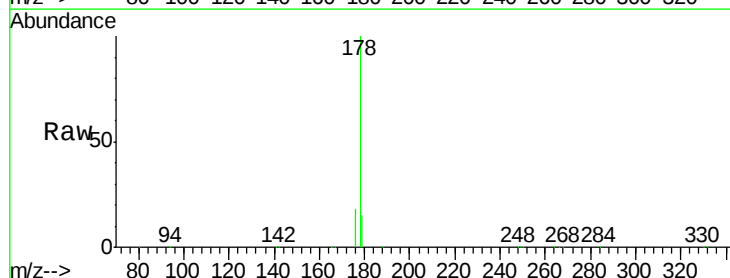
Tgt Ion:178 Resp: 195803

Ion Ratio Lower Upper

178 100

176 18.2 15.4 23.2

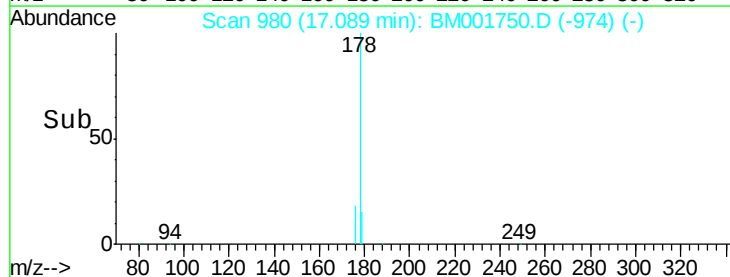
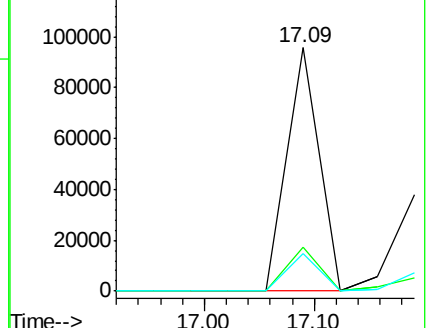
179 15.3 12.6 19.0

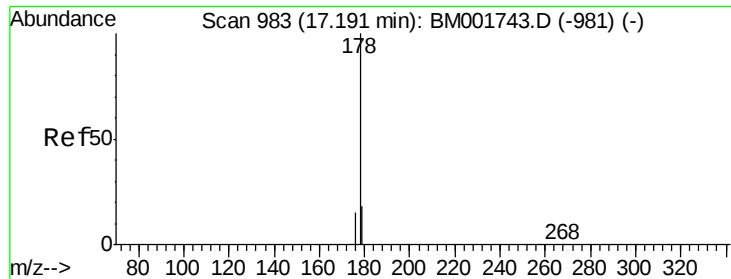


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 7.10 ng

RT: 17.19 min Scan# 983

Delta R.T. 0.00 min

Lab File: BM001750.D

Acq: 18 Jun 2015 23:11

Instrument :

BNA_M

ClientSampleId :

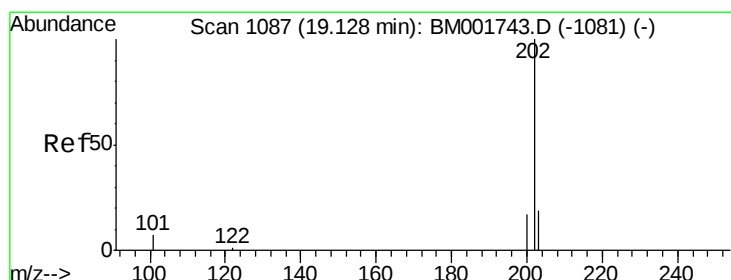
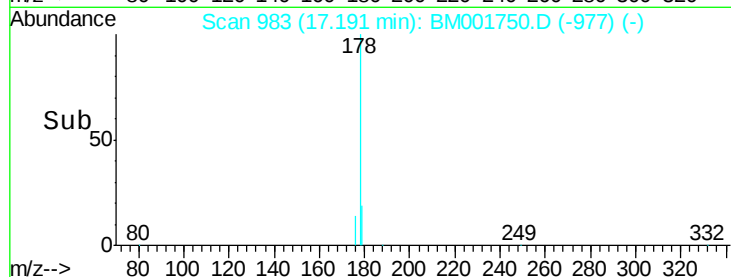
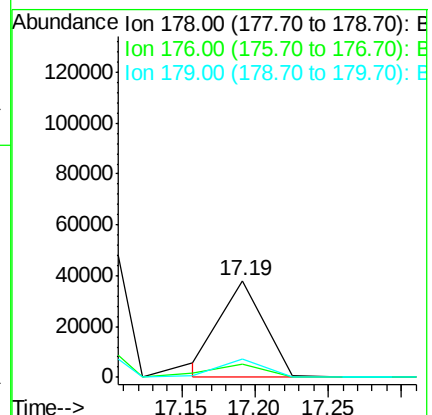
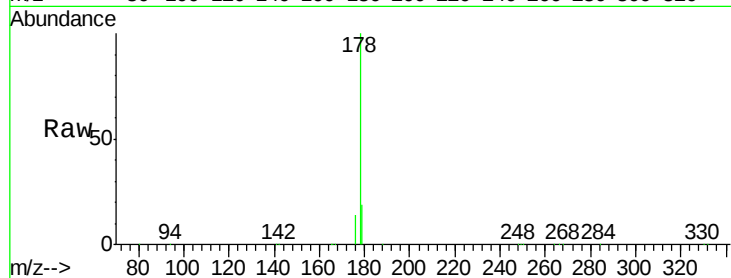
Tot Ion:178 Resp: 77420

Ion Ratio Lower Upper

178 100

176 13.9 10.0 15.0

179 18.7 12.3 18.5#



#24

Fluoranthene

Concen: 8.72 ng

RT: 19.12 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BM001750.D

Acq: 18 Jun 2015 23:11

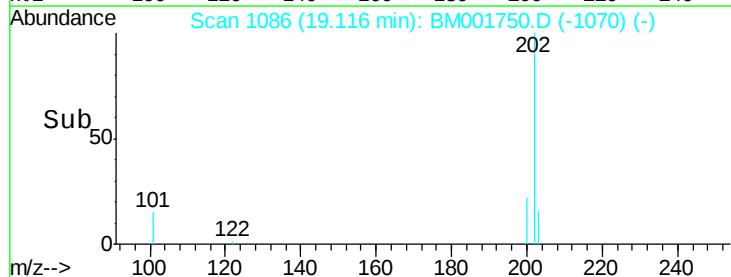
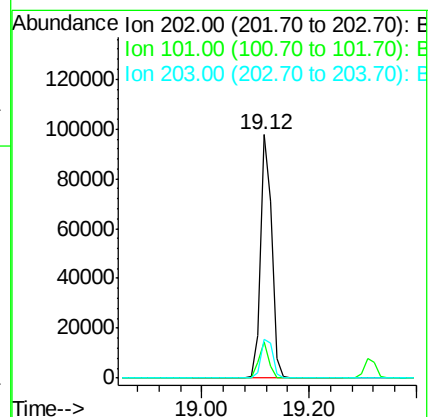
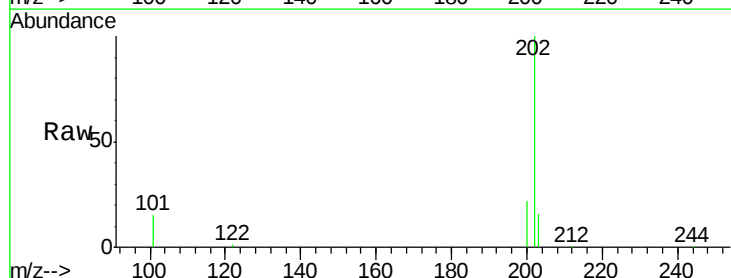
Tgt Ion:202 Resp: 141947

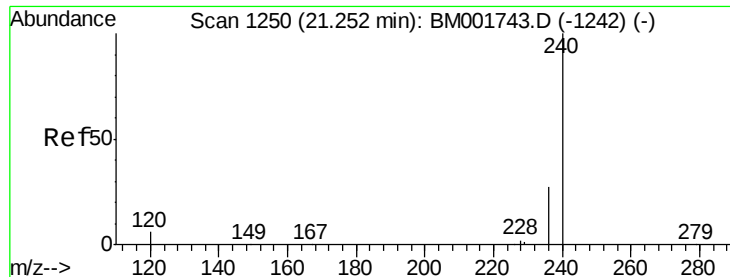
Ion Ratio Lower Upper

202 100

101 13.5 10.8 16.2

203 17.5 13.8 20.6

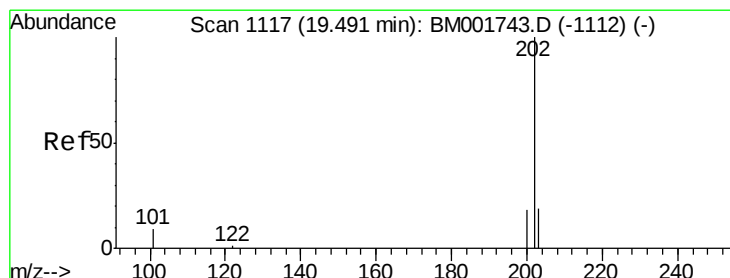
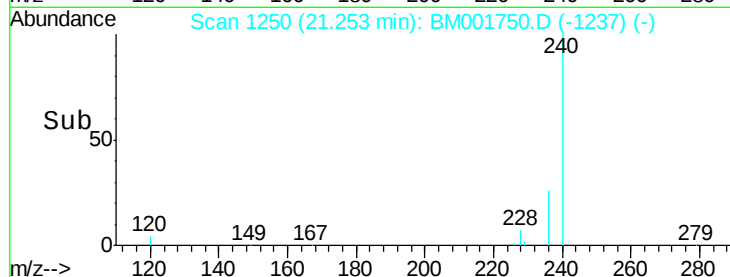
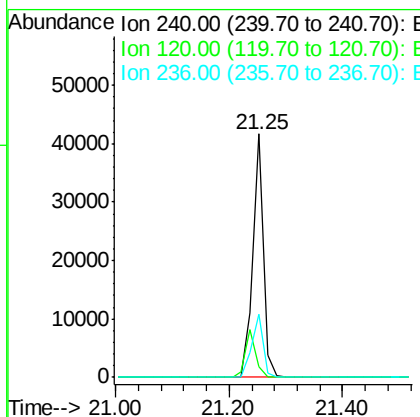
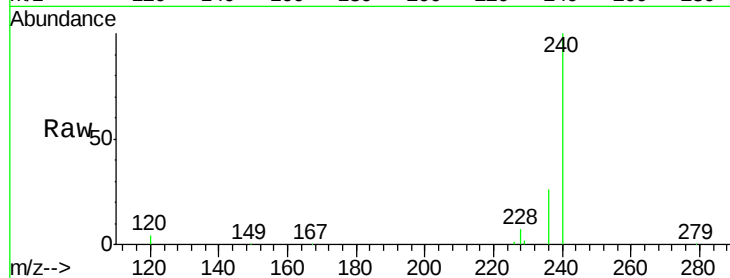




#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.25 min Scan# 1250
Delta R.T. 0.00 min
Lab File: BM001750.D
Acq: 18 Jun 2015 23:11

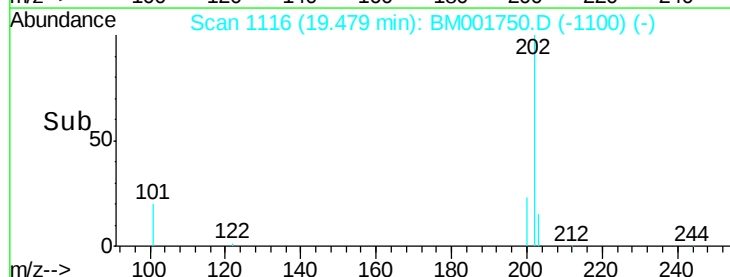
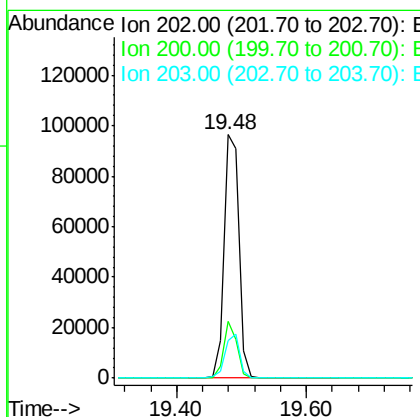
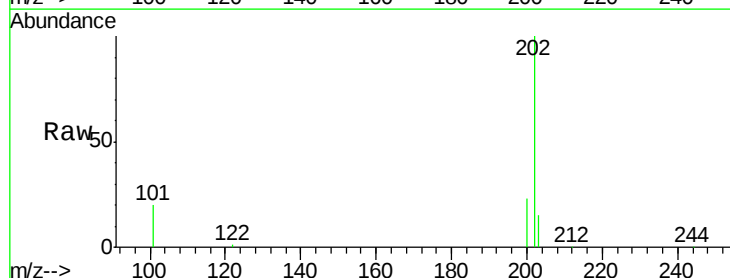
Instrument :
BNA_M
ClientSampleId :

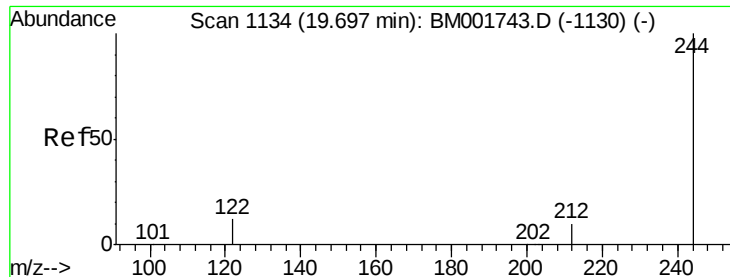
Tot Ion:240 Resp: 52666
Ion Ratio Lower Upper
240 100
120 4.1 4.7 7.1#
236 25.9 21.6 32.4



#26
Pyrene
Concen: 8.49 ng
RT: 19.48 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BM001750.D
Acq: 18 Jun 2015 23:11

Tgt Ion:202 Resp: 155673
Ion Ratio Lower Upper
202 100
200 20.6 16.6 24.8
203 17.7 13.9 20.9

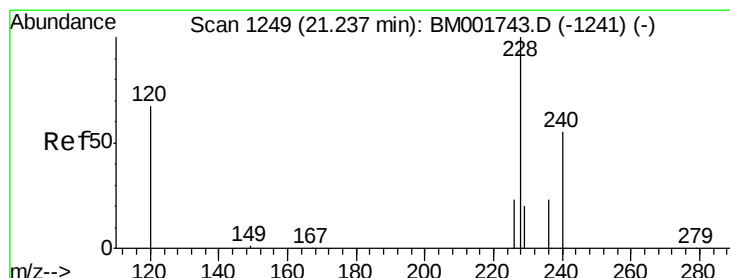
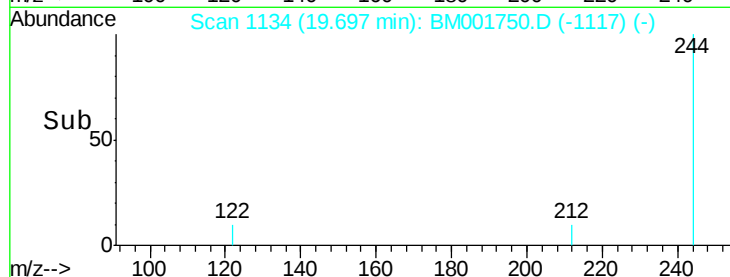
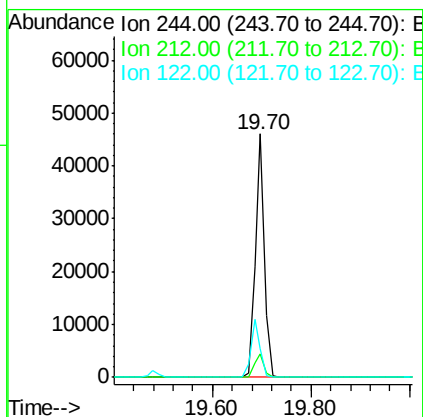
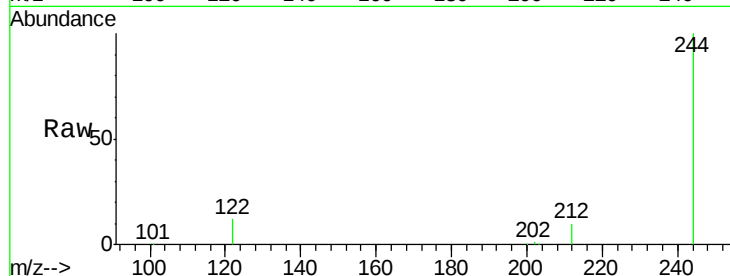




#27
 Terphenyl-d14
 Concen: 7.47 ng
 RT: 19.70 min Scan# 1134
 Delta R.T. 0.00 min
 Lab File: BM001750.D
 Acq: 18 Jun 2015 23:11

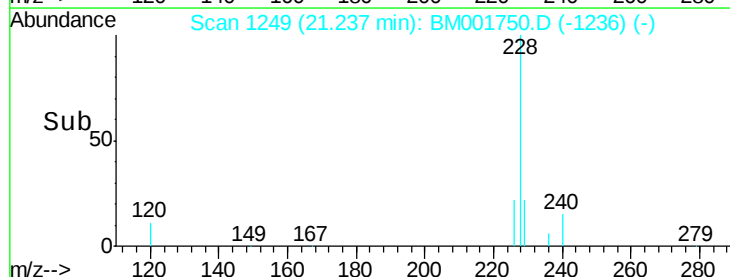
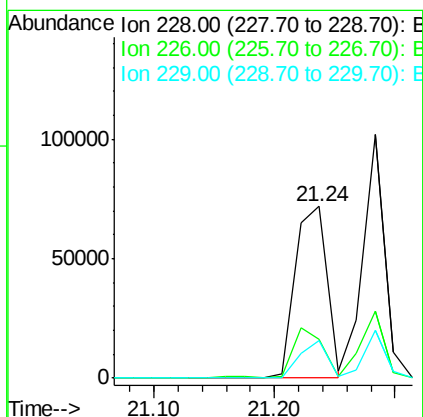
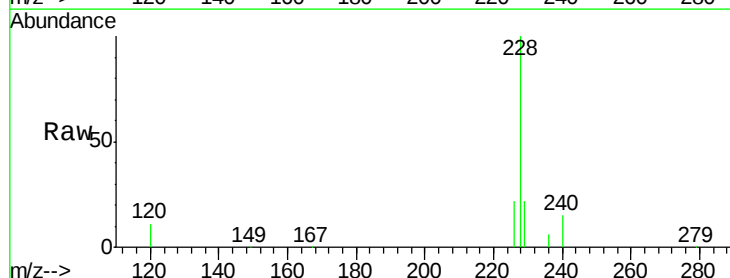
Instrument :
 BNA_M
 ClientSampleId :

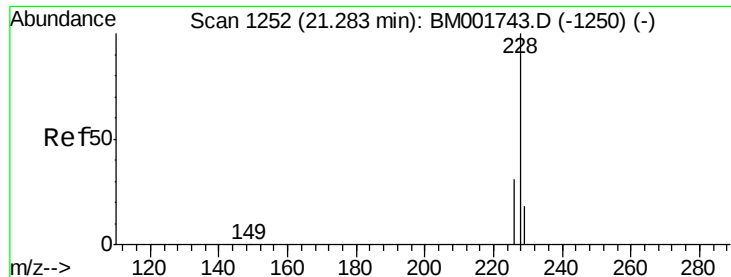
Tot Ion:244 Resp: 57959
 Ion Ratio Lower Upper
 244 100
 212 9.9 8.6 13.0
 122 11.7 10.6 15.8



#28
 Benzo(a)anthracene
 Concen: 8.28 ng
 RT: 21.24 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BM001750.D
 Acq: 18 Jun 2015 23:11

Tgt Ion:228 Resp: 131361
 Ion Ratio Lower Upper
 228 100
 226 22.4 18.9 28.3
 229 22.2 16.6 25.0





#29

Chrvsene

Concen: 7.66 ng

RT: 21.28 min Scan# 1252

Delta R.T. 0.00 min

Lab File: BM001750.D

Acq: 18 Jun 2015 23:11

Instrument :

BNA_M

ClientSampled :

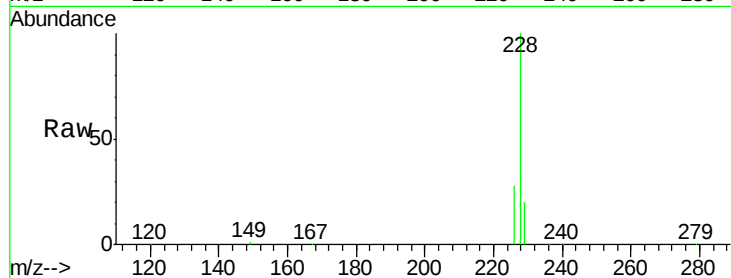
Tot Ion:228 Resp: 127770

Ion Ratio Lower Upper

228 100

226 27.7 24.3 36.5

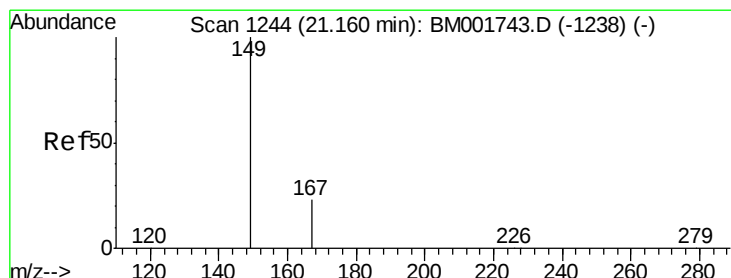
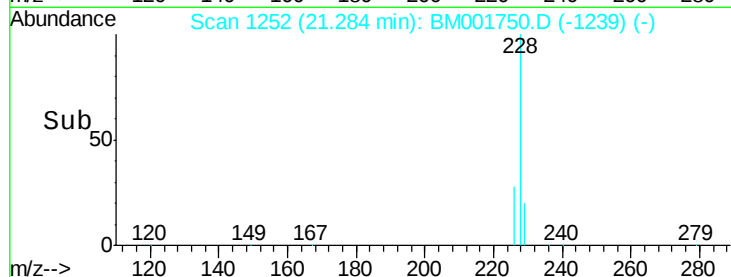
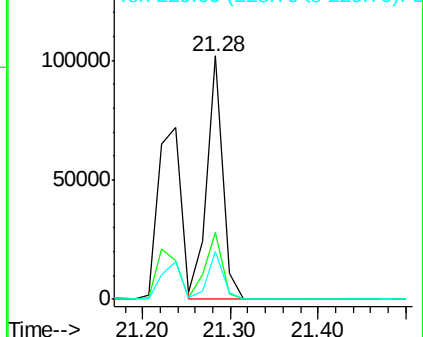
229 19.9 15.0 22.6



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: 10.89 ng

RT: 21.16 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BM001750.D

Acq: 18 Jun 2015 23:11

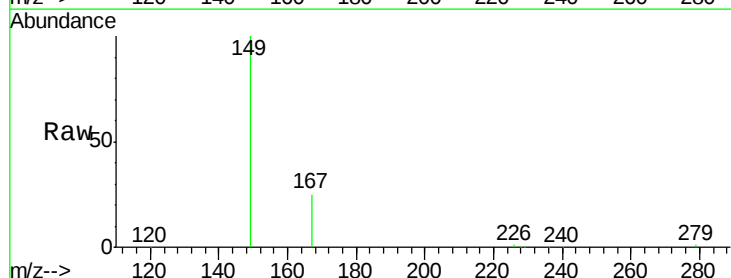
Tgt Ion:149 Resp: 99731

Ion Ratio Lower Upper

149 100

167 25.4 19.7 29.5

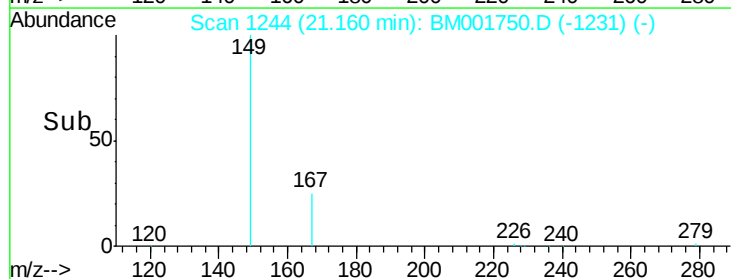
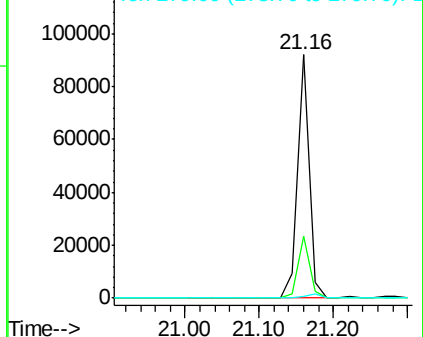
279 1.9 1.6 2.4

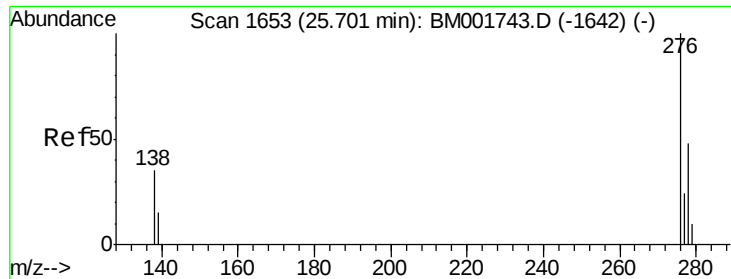


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

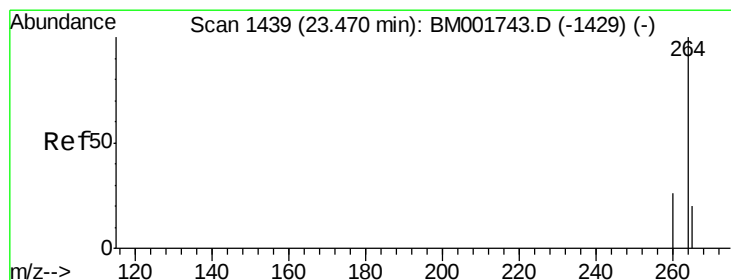
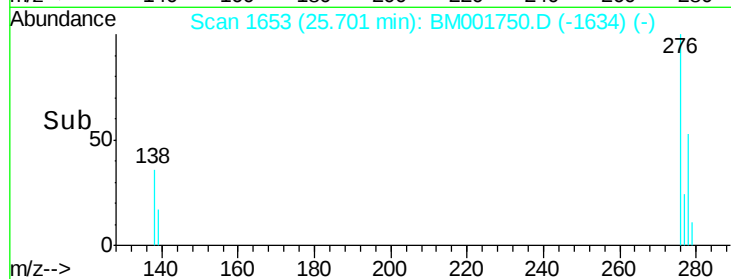
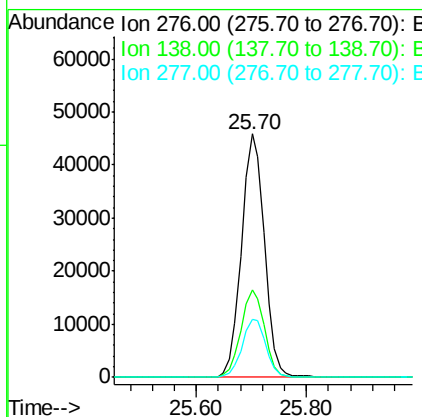
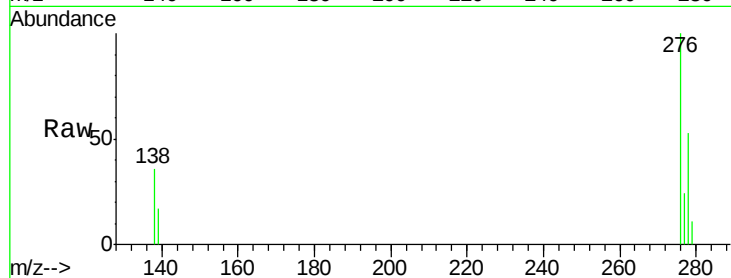




#31
Indeno(1,2,3-cd)pyrene
Concen: 8.28 ng
RT: 25.70 min Scan# 1653
Delta R.T. 0.00 min
Lab File: BM001750.D
Acq: 18 Jun 2015 23:11

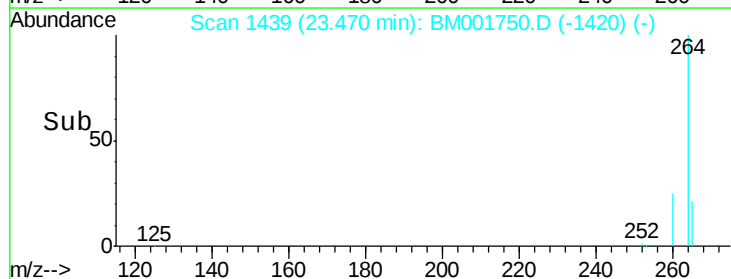
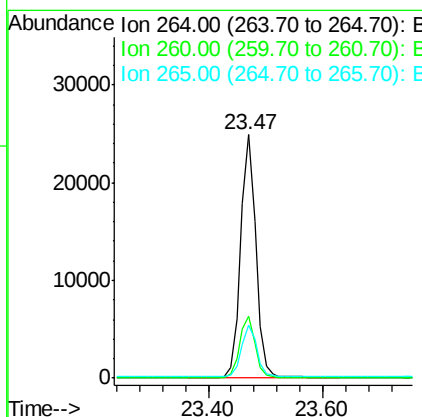
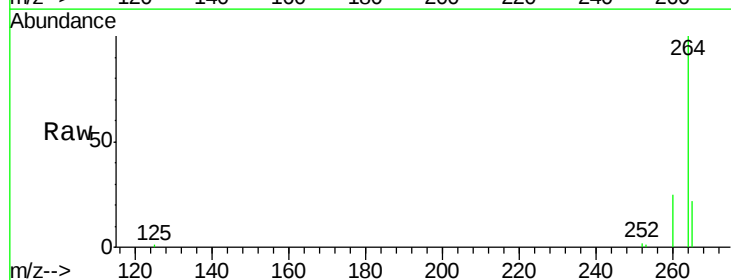
Instrument :
BNA_M
ClientSampleId :

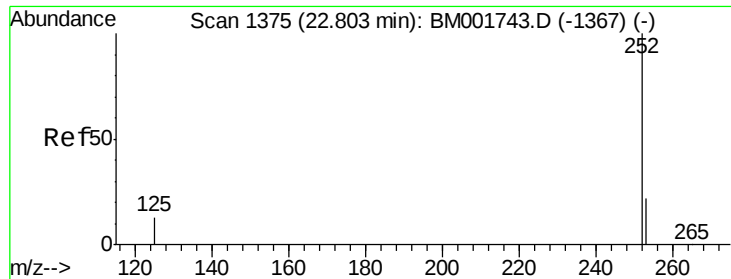
Tot Ion:276 Resp: 132790
Ion Ratio Lower Upper
276 100
138 36.8 29.0 43.6
277 24.6 19.7 29.5



#32
Perylene-d12
Concen: 5.00 ng
RT: 23.47 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BM001750.D
Acq: 18 Jun 2015 23:11

Tgt Ion:264 Resp: 45945
Ion Ratio Lower Upper
264 100
260 25.2 20.8 31.2
265 21.8 16.8 25.2

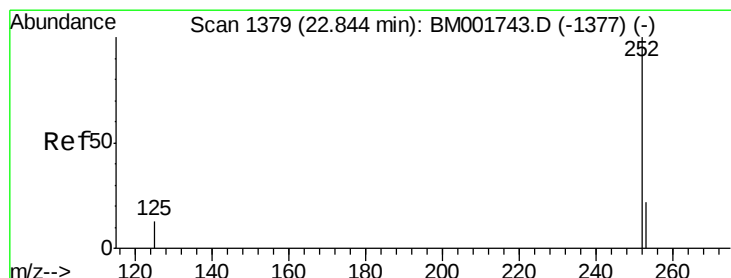
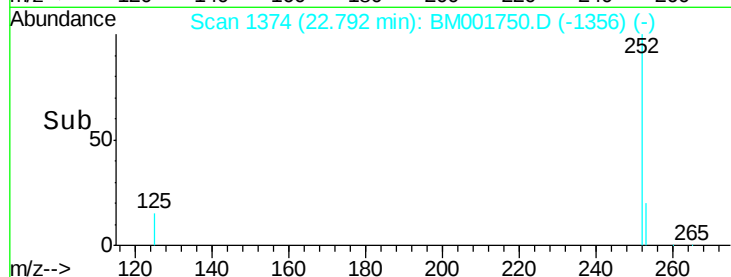
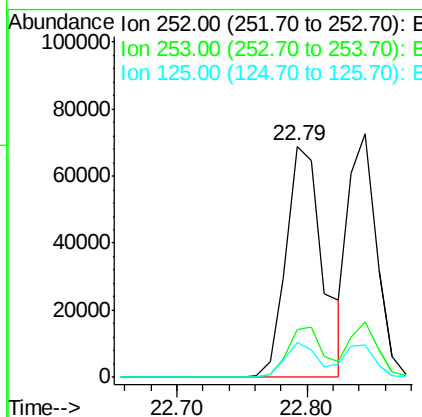
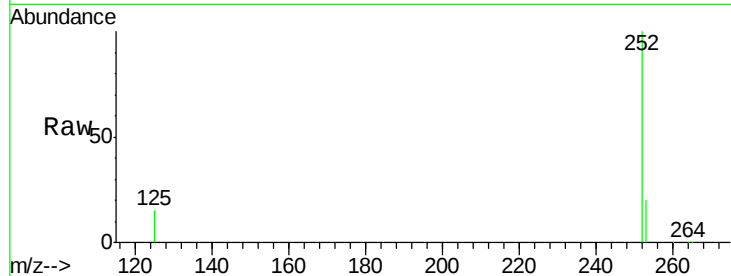




#33
Benzo(b)fluoranthene
Concen: 8.96 ng
RT: 22.79 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BM001750.D
Acq: 18 Jun 2015 23:11

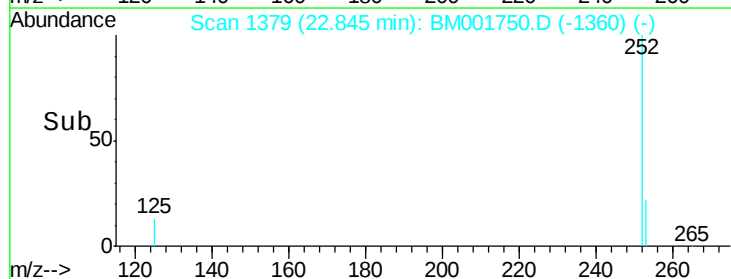
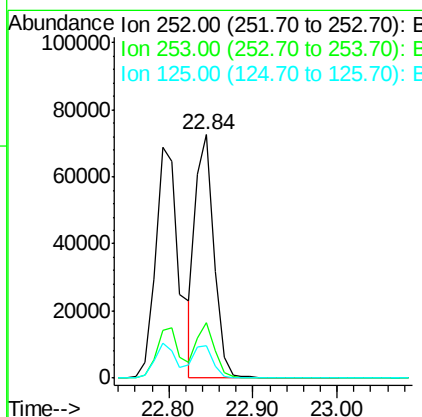
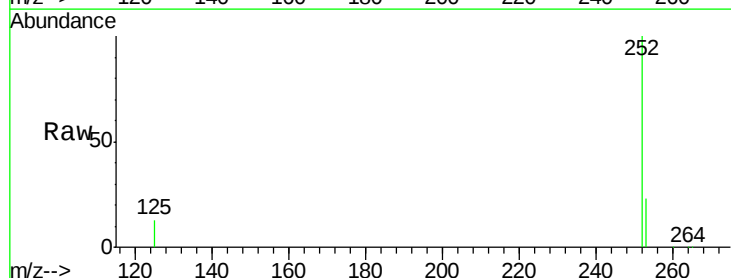
Instrument :
BNA_M
ClientSampleId :

Tot Ion:252 Resp: 135086
Ion Ratio Lower Upper
252 100
253 20.4 19.0 28.4
125 15.1 11.3 16.9



#34
Benzo(k)fluoranthene
Concen: 8.04 ng
RT: 22.84 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BM001750.D
Acq: 18 Jun 2015 23:11

Tgt Ion:252 Resp: 108478
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.4
125 13.2 11.8 17.6





#35

Benzo(a)pyrene

Concen: 9.07 ng

RT: 23.37 min Scan# 1429

Delta R.T. 0.00 min

Lab File: BM001750.D

Acq: 18 Jun 2015 23:11

Instrument :

BNA_M

ClientSampleId :

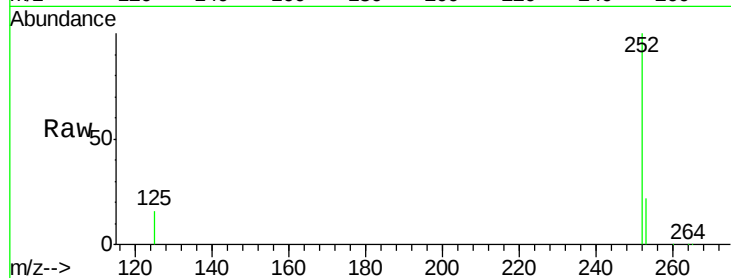
Tot Ion:252 Resp: 115103

Ion Ratio Lower Upper

252 100

253 21.5 17.9 26.9

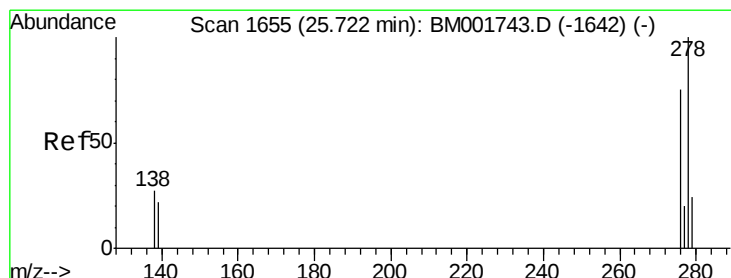
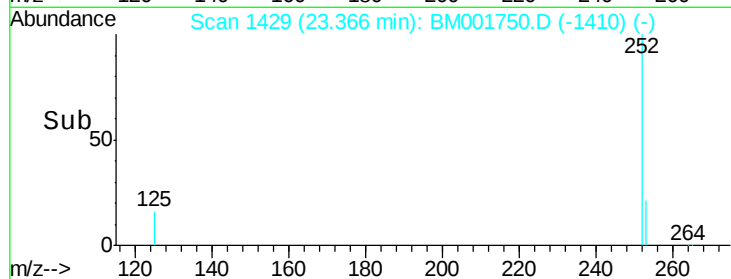
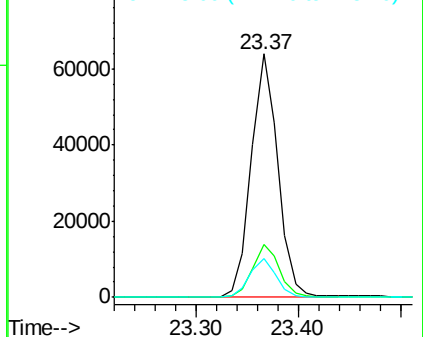
125 15.7 14.1 21.1



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: 8.53 ng

RT: 25.72 min Scan# 1655

Delta R.T. 0.00 min

Lab File: BM001750.D

Acq: 18 Jun 2015 23:11

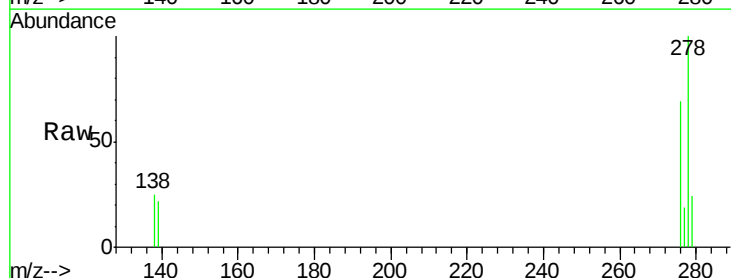
Tgt Ion:278 Resp: 107205

Ion Ratio Lower Upper

278 100

139 22.2 18.4 27.6

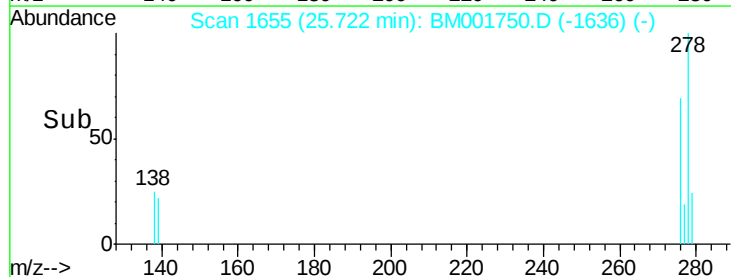
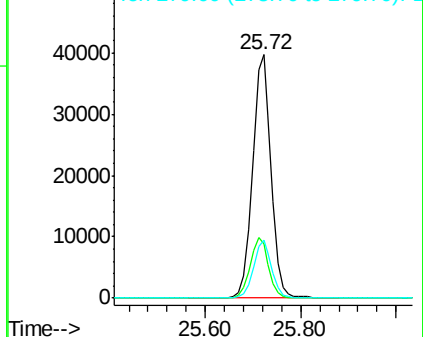
279 23.8 19.8 29.8



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

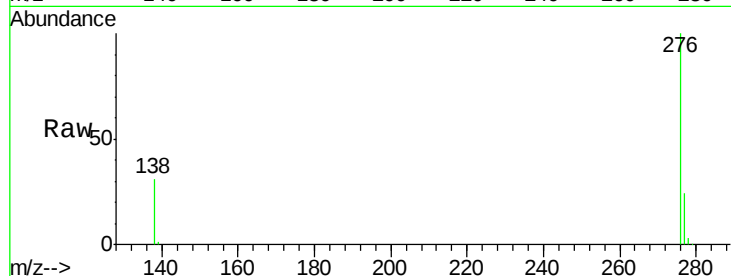




#37
 Benzo(a,h,i)perylene
 Concen: 8.37 ng
 RT: 26.39 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BM001750.D
 Acq: 18 Jun 2015 23:11

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.3	28.9
138	30.8	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

