

Data Path : Z:\HPCHEM1\BNA M\DATA\BM061915\NEW FOLDER\
 Data File : BM001751.D
 Acq On : 18 Jun 2015 23:47
 Operator : TP/IZ
 Sample : PB84083BSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 19 09:12:34 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

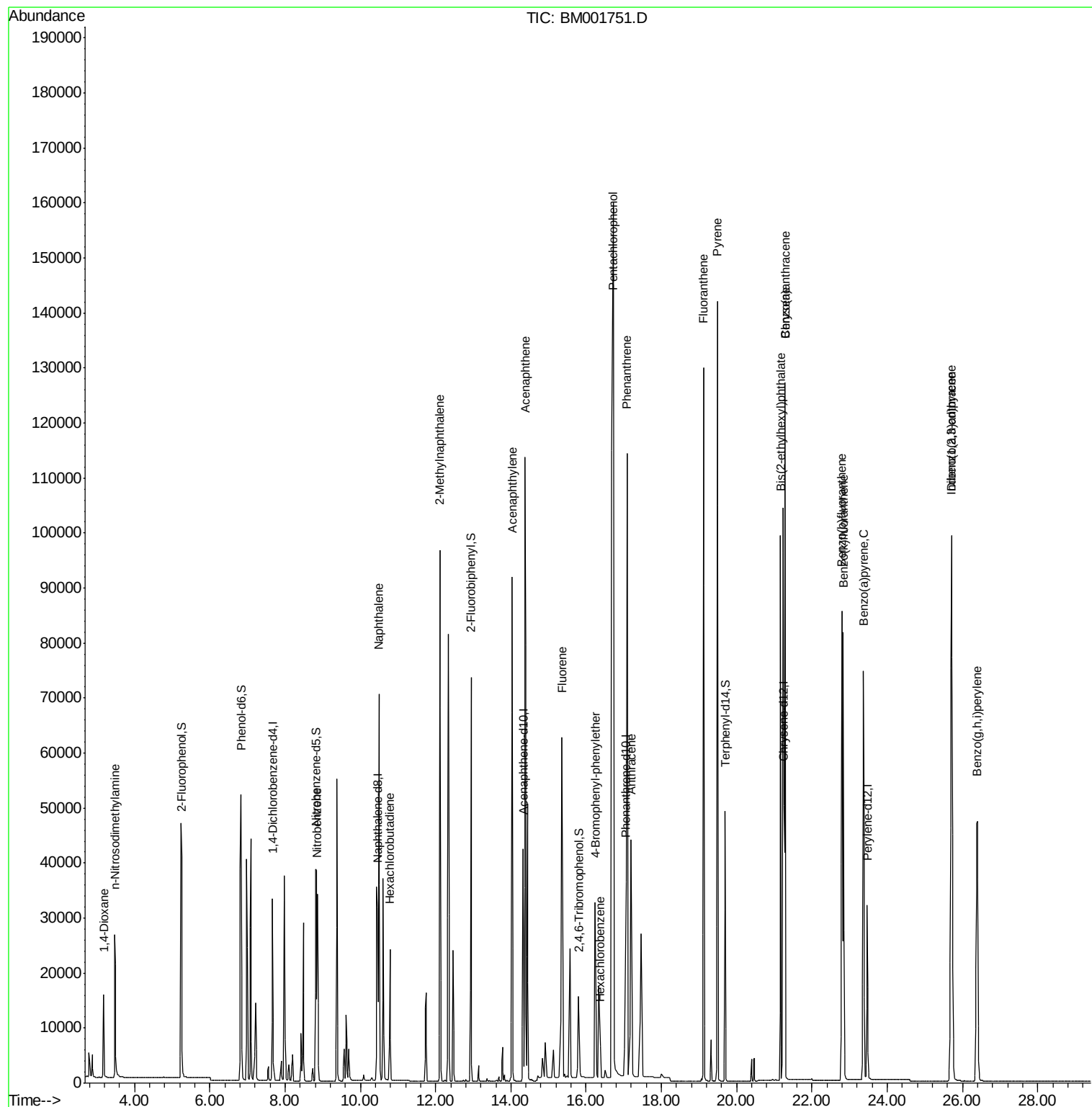
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	15630	5.00	ng	0.00
6) Naphthalene-d8	10.46	136	58021	5.00	ng	0.00
12) Acenaphthene-d10	14.32	164	28286	5.00	ng	0.00
18) Phenanthrene-d10	17.06	188	70572	5.00	ng	0.00
25) Chrysene-d12	21.25	240	48654	5.00	ng	0.00
32) Perylene-d12	23.47	264	42758	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	41850	11.45	ng	0.00
5) Phenol-d6	6.83	99	56482	12.01	ng	0.00
7) Nitrobenzene-d5	8.83	82	35416	7.82	ng	0.00
13) 2,4,6-Tribromophenol	15.80	330	12870	14.57	ng	0.00
14) 2-Fluorobiphenyl	12.94	172	72515	7.17	ng	0.00
27) Terphenyl-d14	19.70	244	50177	7.00	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	12004	6.74	ng	95
3) n-Nitrosodimethylamine	3.48	42	20672	7.51	ng	98
8) Nitrobenzene	8.86	77	39794	8.17	ng	98
9) Naphthalene	10.49	128	99406	7.01	ng	98
10) Hexachlorobutadiene	10.78	225	16888	7.08	ng	99
11) 2-Methylnaphthalene	12.12	142	66435	7.36	ng	99
15) Acenaphthylene	14.03	152	107834	8.02	ng	99
16) Acenaphthene	14.37	154	63236	7.51	ng	97
17) Fluorene	15.36	166	61686	8.55	ng	97
19) 4-Bromophenyl-phenylether	16.24	248	25394	8.77	ng	# 82
20) Hexachlorobenzene	16.38	284	13330	6.70	ng	# 100
21) Pentachlorophenol	16.72	266	146326	165.28	ng	94
22) Phenanthrene	17.09	178	173676	7.18	ng	98
23) Anthracene	17.19	178	66364	6.50	ng	# 94
24) Fluoranthene	19.12	202	124132	8.14	ng	100
26) Pyrene	19.48	202	136025	8.03	ng	99
28) Benzo(a)anthracene	21.28	228	109176	7.45	ng	96
29) Chrysene	21.28	228	109430	7.10	ng	95
30) Bis(2-ethylhexyl)phthalate	21.16	149	84818	10.03	ng	98
31) Indeno(1,2,3-cd)pyrene	25.70	276	112770	7.61	ng	99
33) Benzo(b)fluoranthene	22.79	252	105064	7.49	ng	95
34) Benzo(k)fluoranthene	22.83	252	103506	8.24	ng	96
35) Benzo(a)pyrene	23.37	252	98762	8.36	ng	97
36) Dibenzo(a,h)anthracene	25.71	278	91731	7.84	ng	96
37) Benzo(g,h,i)perylene	26.39	276	94483	7.68	ng	98

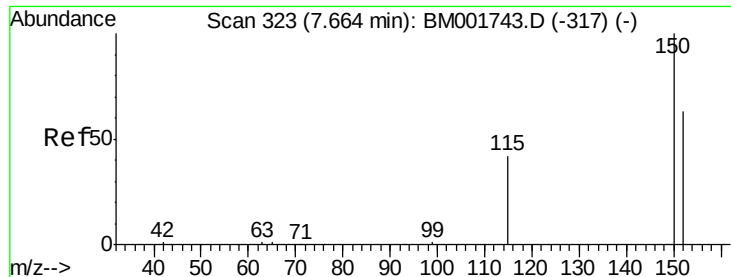
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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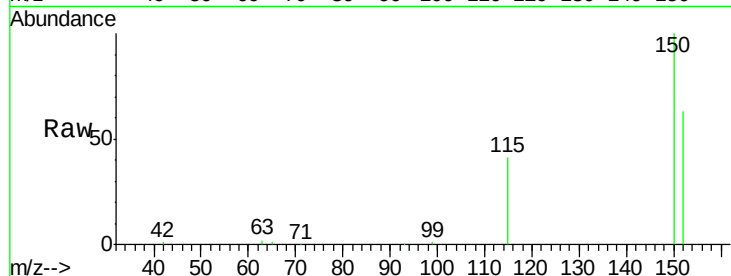


#1

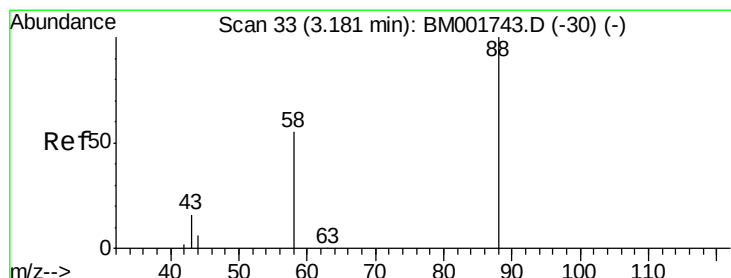
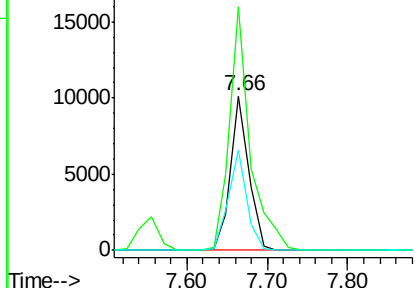
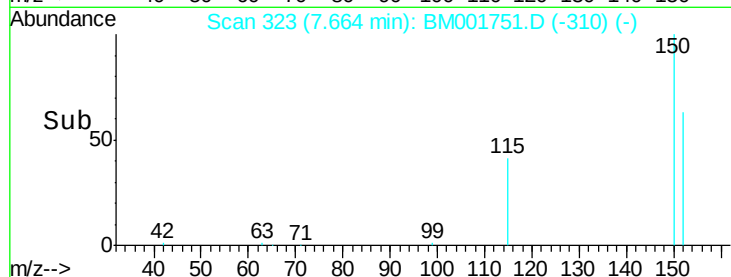
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.66 min Scan# 323
Delta R.T. 0.00 min
Lab File: BM001751.D
Acq: 18 Jun 2015 23:47

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 15630
Ion Ratio Lower Upper
152 100
150 157.6 127.5 191.3
115 64.6 53.2 79.8



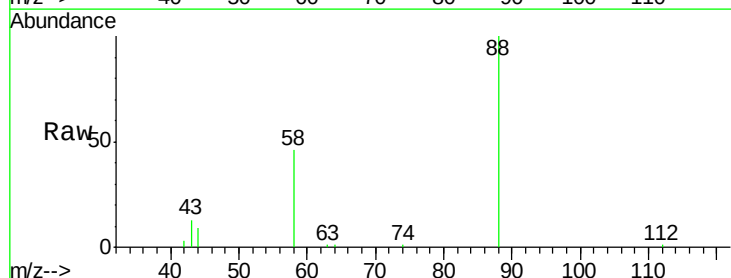
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



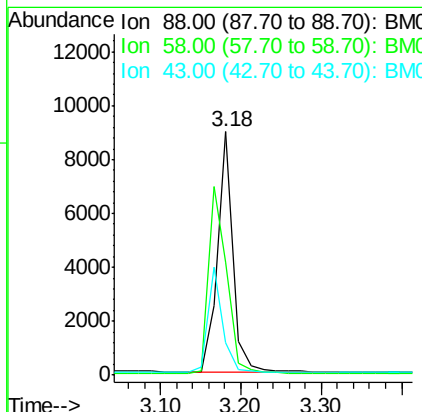
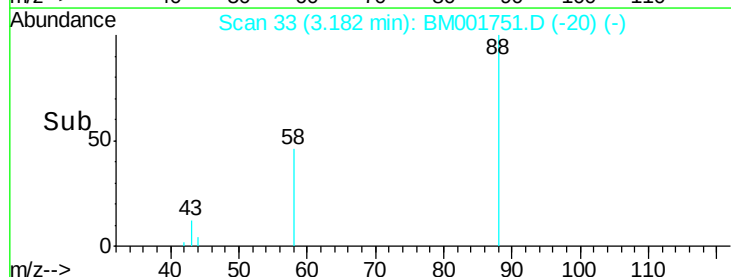
#2

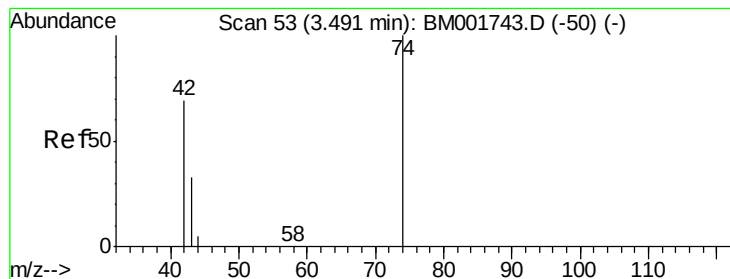
1,4-Dioxane
Concen: 6.74 ng
RT: 3.18 min Scan# 33
Delta R.T. 0.00 min
Lab File: BM001751.D
Acq: 18 Jun 2015 23:47

Tgt Ion: 88 Resp: 12004
Ion Ratio Lower Upper
88 100
58 91.7 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: 7.51 ng

RT: 3.48 min Scan# 52

Delta R.T. -0.02 min

Lab File: BM001751.D

Acq: 18 Jun 2015 23:47

Instrument :

BNA_M

ClientSampleId :

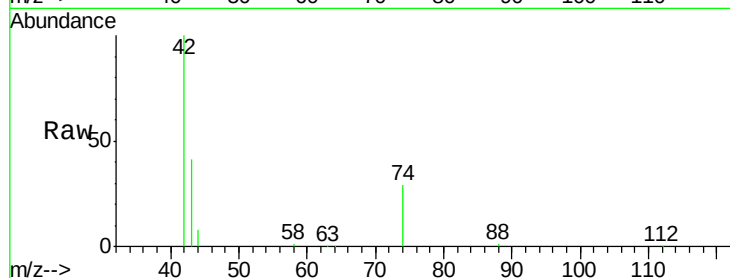
Tot Ion: 42 Resp: 20672

Ion Ratio Lower Upper

42 100

74 96.0 78.6 118.0

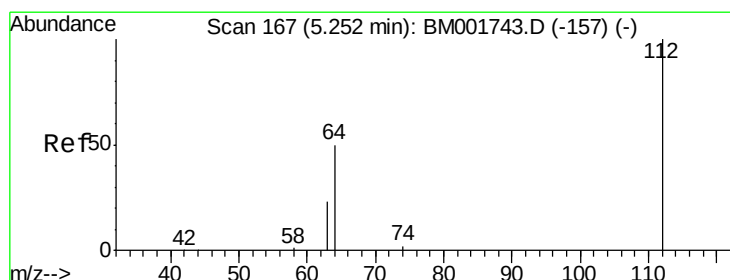
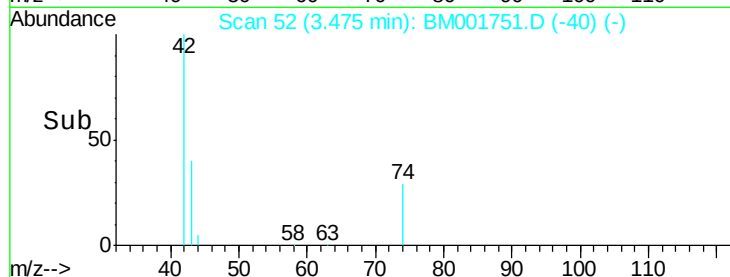
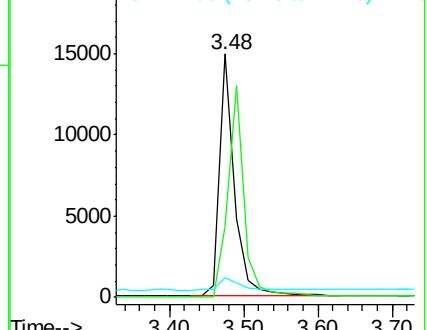
44 6.4 5.0 7.6



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: 11.45 ng

RT: 5.25 min Scan# 167

Delta R.T. 0.00 min

Lab File: BM001751.D

Acq: 18 Jun 2015 23:47

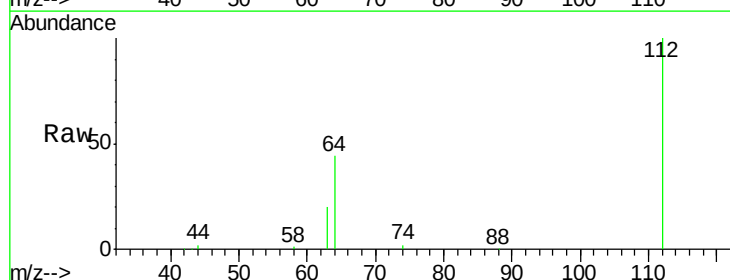
Tgt Ion: 112 Resp: 41850

Ion Ratio Lower Upper

112 100

64 69.7 55.6 83.4

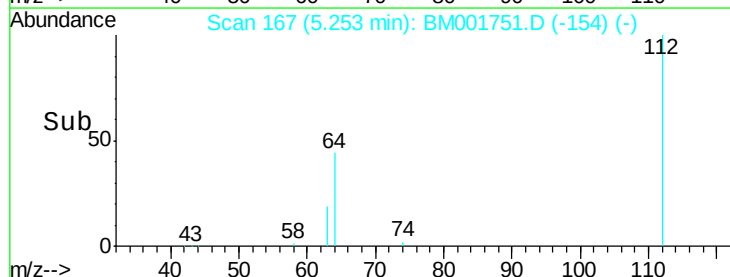
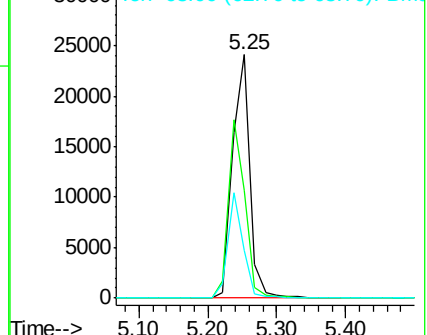
63 38.1 30.2 45.2

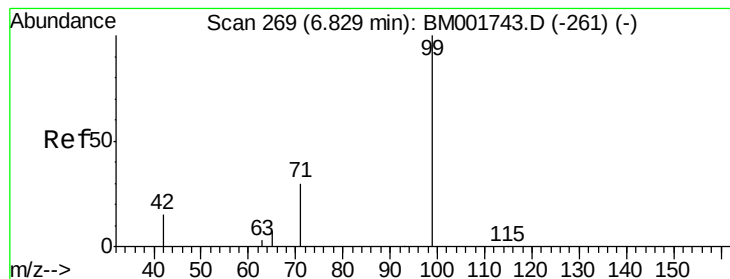


Abundance Ion 112.00 (111.70 to 112.70): BM001743.D (-157) (-)

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: 12.01 ng

RT: 6.83 min Scan# 269

Delta R.T. 0.00 min

Lab File: BM001751.D

Acq: 18 Jun 2015 23:47

Instrument :

BNA_M

ClientSampleId :

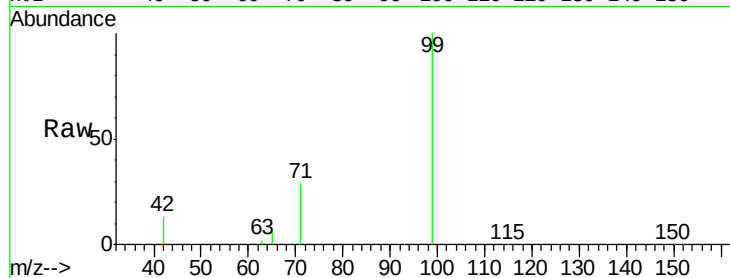
Tot Ion: 99 Resp: 56482

Ion Ratio Lower Upper

99 100

42 26.0 21.4 32.0

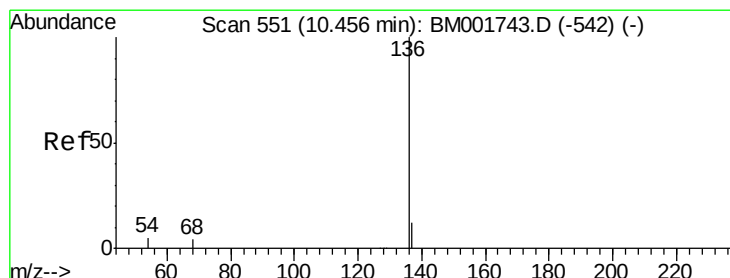
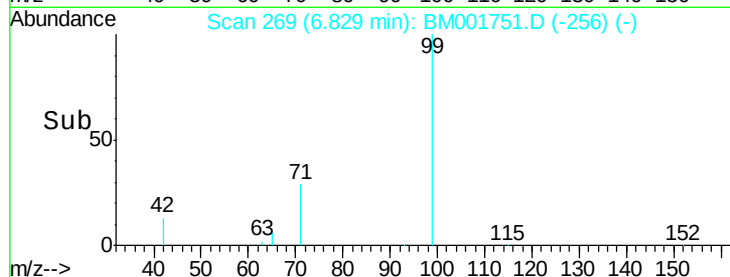
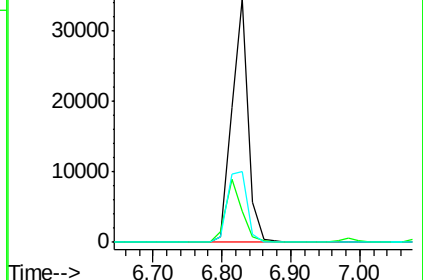
71 35.5 28.3 42.5



Abundance Ion 99.00 (98.70 to 99.70): BM001751.D (-256) (-)

Ion 42.00 (41.70 to 42.70): BM001751.D (-256) (-)

Ion 71.00 (70.70 to 71.70): BM001751.D (-256) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.46 min Scan# 551

Delta R.T. 0.00 min

Lab File: BM001751.D

Acq: 18 Jun 2015 23:47

Tgt Ion: 136 Resp: 58021

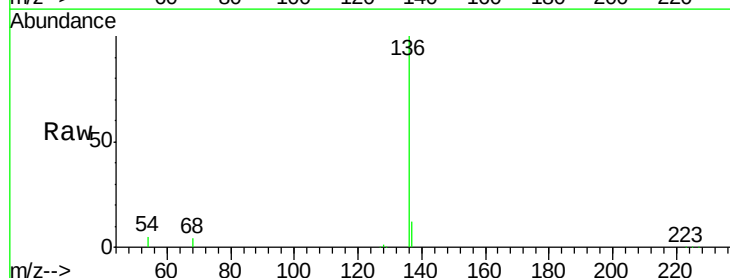
Ion Ratio Lower Upper

136 100

137 11.8 9.4 14.0

54 5.3 4.4 6.6

68 3.9 3.1 4.7

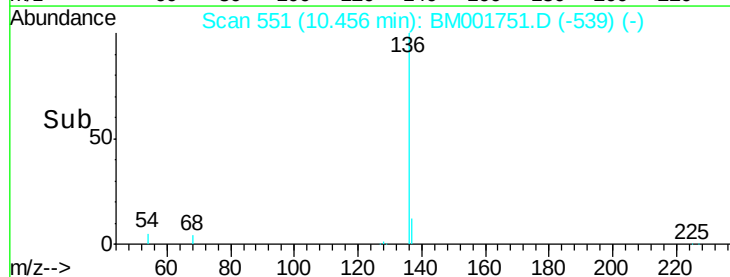
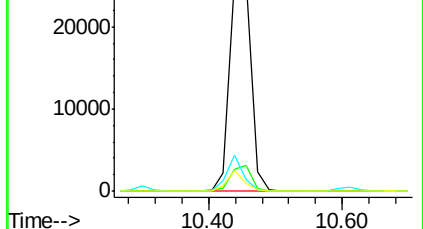


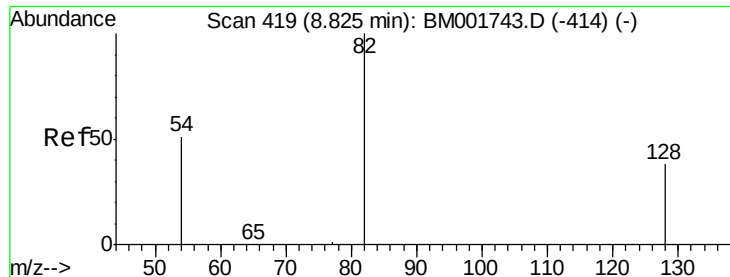
Abundance Ion 136.00 (135.70 to 136.70): BM001751.D (-539) (-)

Ion 137.00 (136.70 to 137.70): BM001751.D (-539) (-)

Ion 54.00 (53.70 to 54.70): BM001751.D (-539) (-)

Ion 68.00 (67.70 to 68.70): BM001751.D (-539) (-)





#7

Nitrobenzene-d5

Concen: 7.82 ng

RT: 8.83 min Scan# 419

Delta R.T. 0.00 min

Lab File: BM001751.D

Acq: 18 Jun 2015 23:47

Instrument :

BNA_M

ClientSampleId :

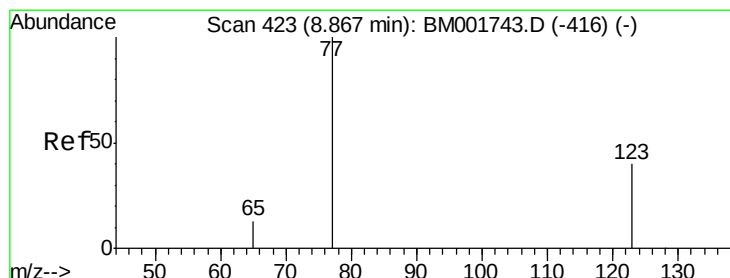
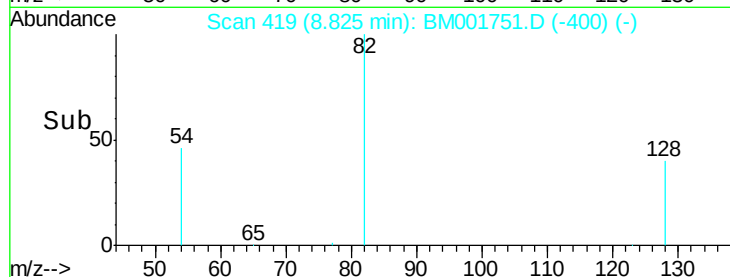
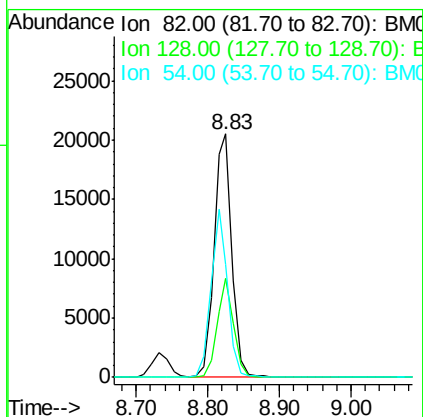
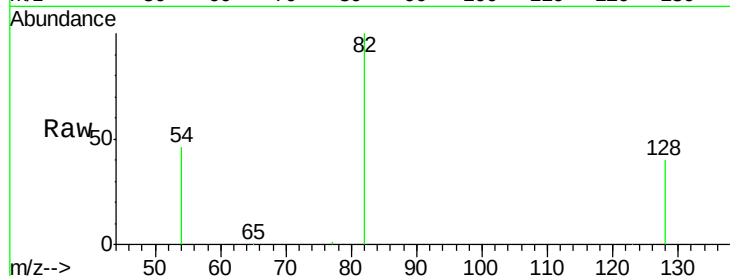
Tot Ion: 82 Resp: 35416

Ion Ratio Lower Upper

82 100

128 40.4 31.3 46.9

54 46.5 41.9 62.9



#8

Nitrobenzene

Concen: 8.17 ng

RT: 8.86 min Scan# 422

Delta R.T. -0.01 min

Lab File: BM001751.D

Acq: 18 Jun 2015 23:47

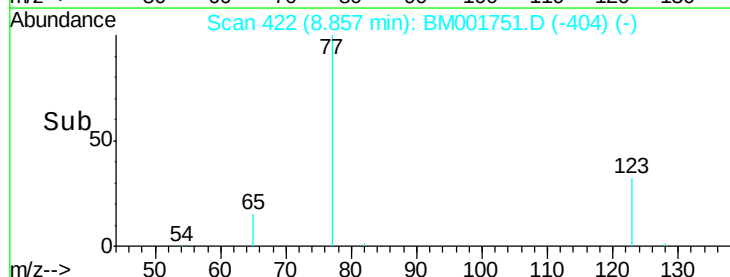
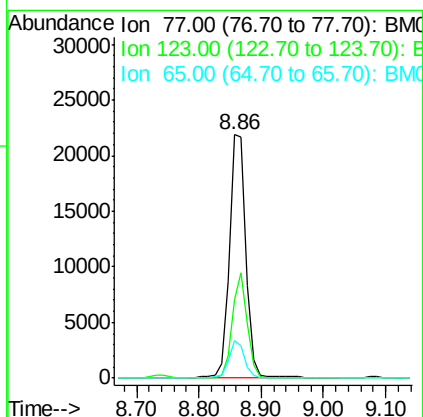
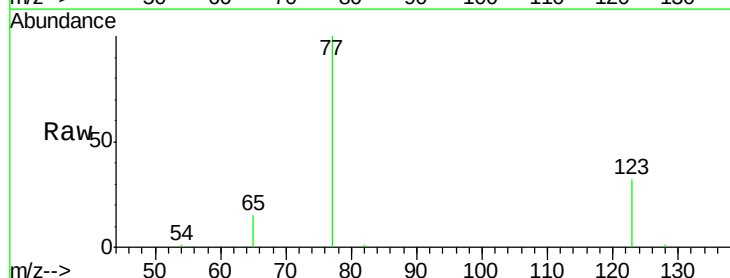
Tgt Ion: 77 Resp: 39794

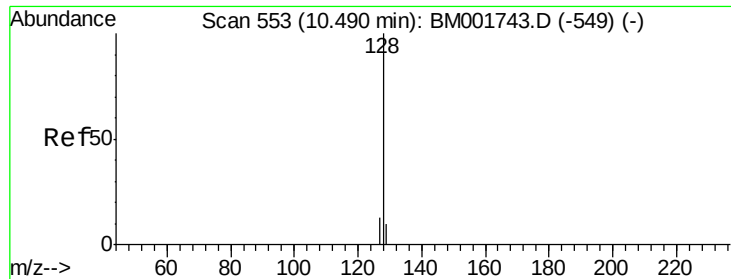
Ion Ratio Lower Upper

77 100

123 39.1 30.1 45.1

65 14.3 11.3 16.9





#9

Naphthalene

Concen: 7.01 ng

RT: 10.49 min Scan# 553

Delta R.T. 0.00 min

Lab File: BM001751.D

Acq: 18 Jun 2015 23:47

Instrument :

BNA_M

ClientSampleId :

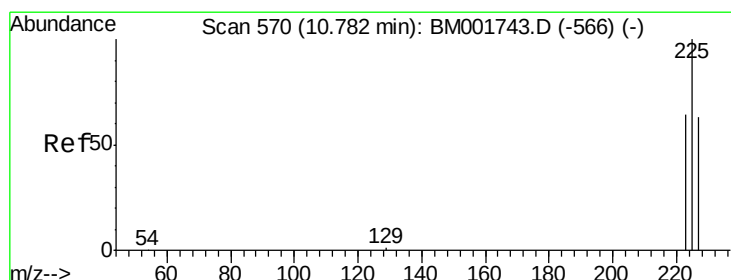
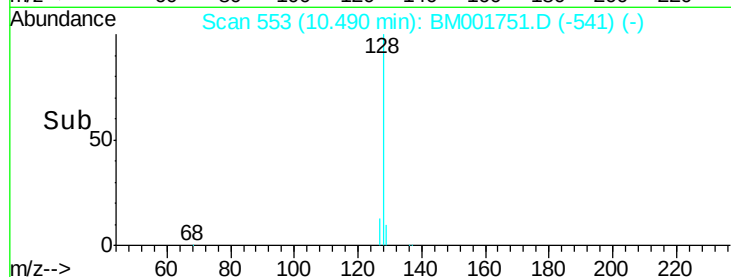
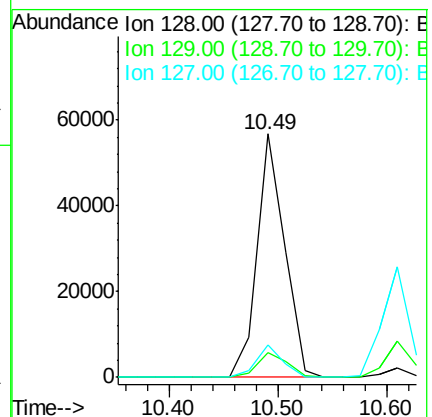
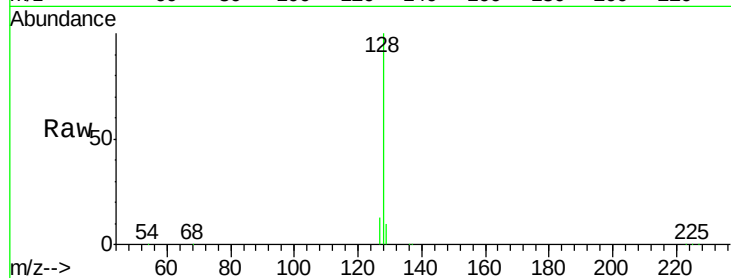
Tot Ion:128 Resp: 99406

Ion Ratio Lower Upper

128 100

129 10.3 8.7 13.1

127 13.4 11.2 16.8



#10

Hexachlorobutadiene

Concen: 7.08 ng

RT: 10.78 min Scan# 570

Delta R.T. 0.00 min

Lab File: BM001751.D

Acq: 18 Jun 2015 23:47

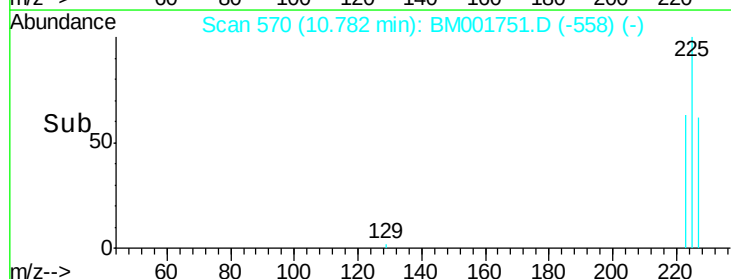
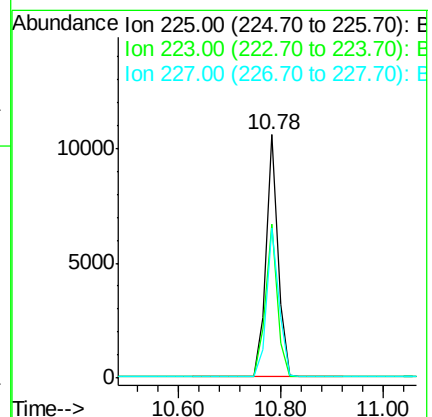
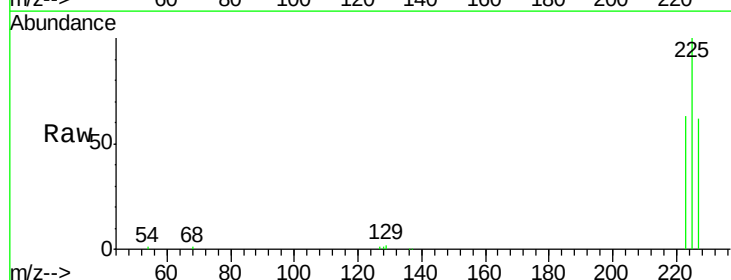
Tgt Ion:225 Resp: 16888

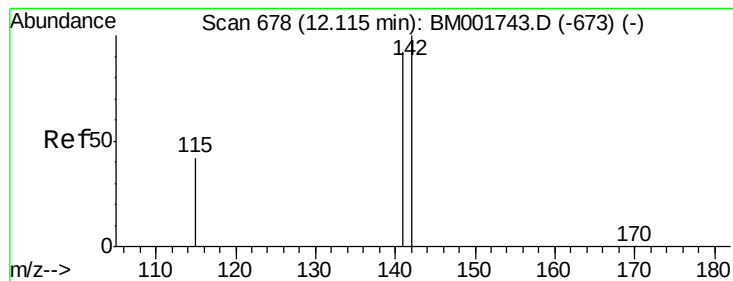
Ion Ratio Lower Upper

225 100

223 63.0 51.0 76.4

227 63.4 51.8 77.8





#11

2-Methylnaphthalene

Concen: 7.36 ng

RT: 12.12 min Scan# 678

Delta R.T. 0.00 min

Lab File: BM001751.D

Acq: 18 Jun 2015 23:47

Instrument :

BNA_M

ClientSampled :

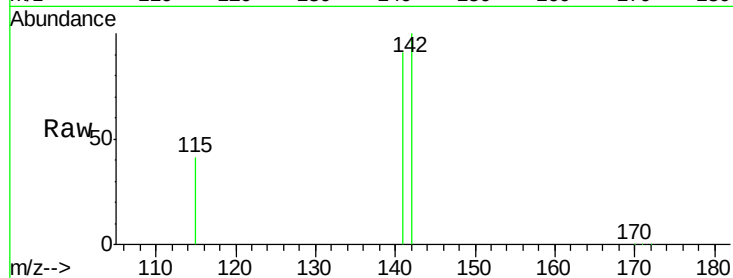
Tot Ion:142 Resp: 66435

Ion Ratio Lower Upper

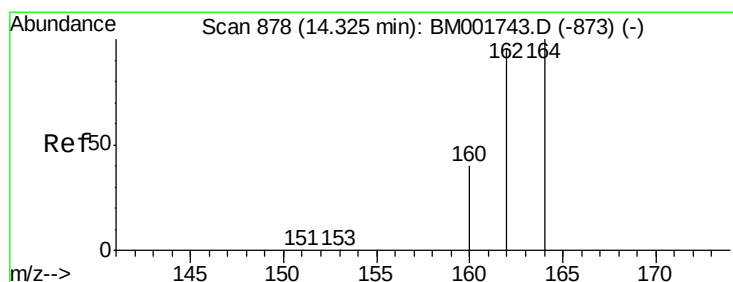
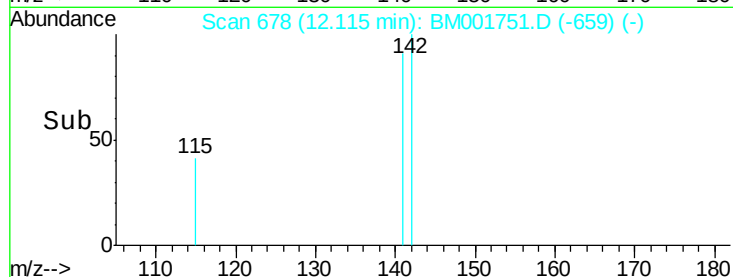
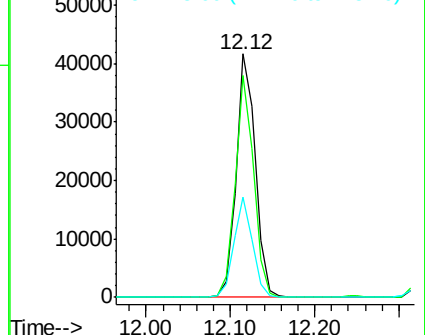
142 100

141 91.1 73.6 110.4

115 41.0 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: BM001751.D

Acq: 18 Jun 2015 23:47

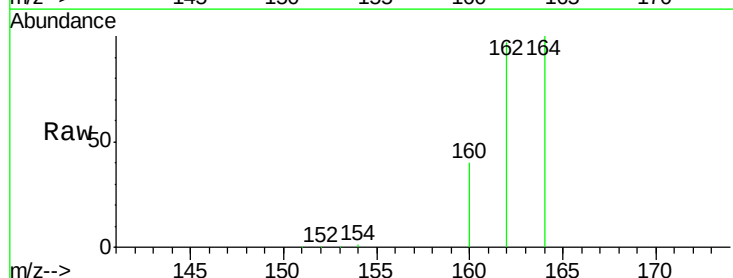
Tgt Ion:164 Resp: 28286

Ion Ratio Lower Upper

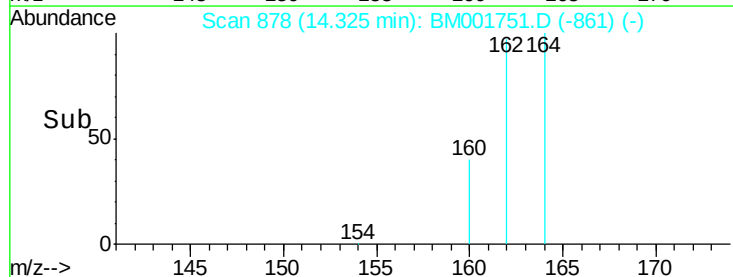
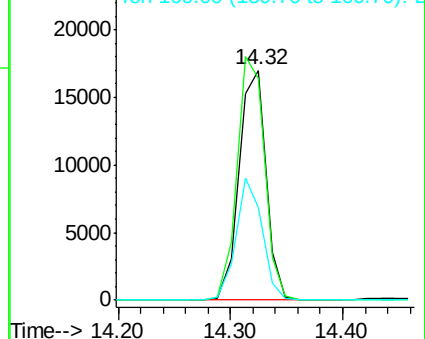
164 100

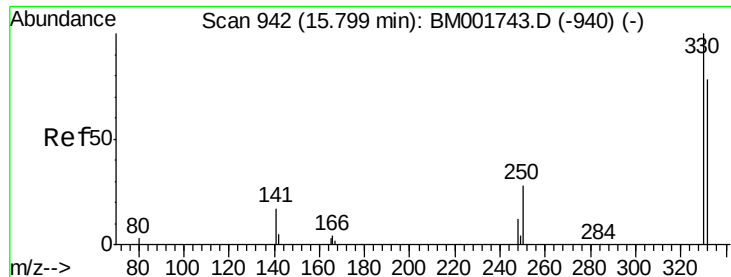
162 96.8 76.6 114.8

160 40.5 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

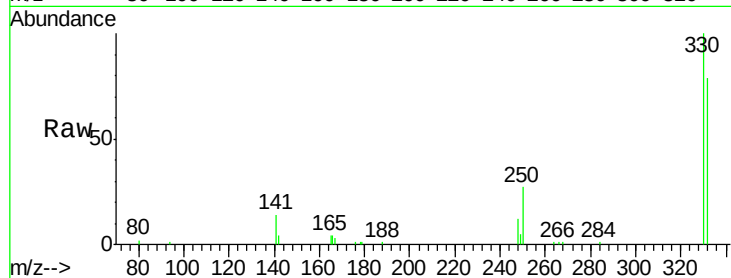




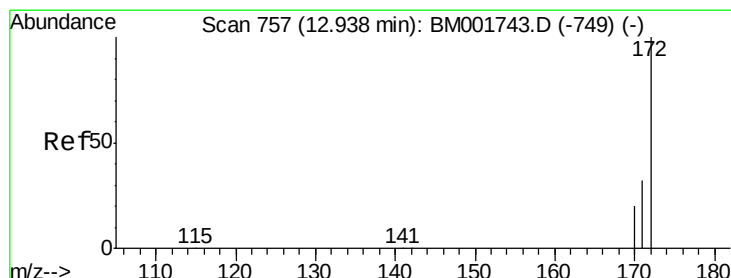
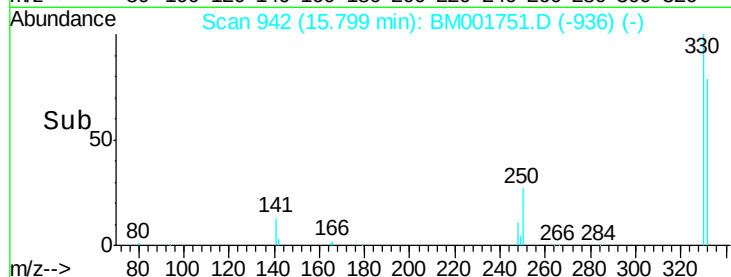
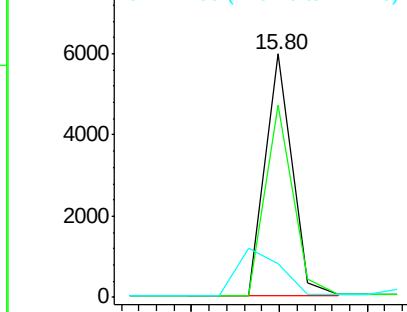
#13
 2,4,6-Tribromophenol
 Concen: 14.57 ng
 RT: 15.80 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: BM001751.D
 Acq: 18 Jun 2015 23:47

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 12870
 Ion Ratio Lower Upper
 330 100
 332 81.6 65.8 98.8
 141 0.0 0.0 0.0

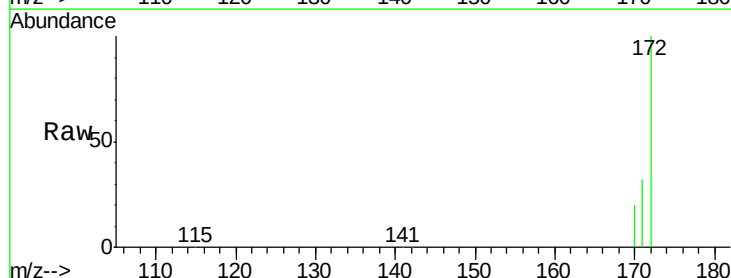


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

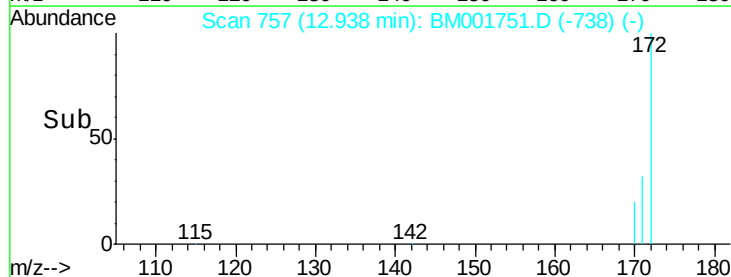
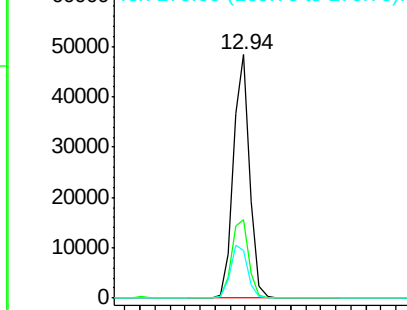


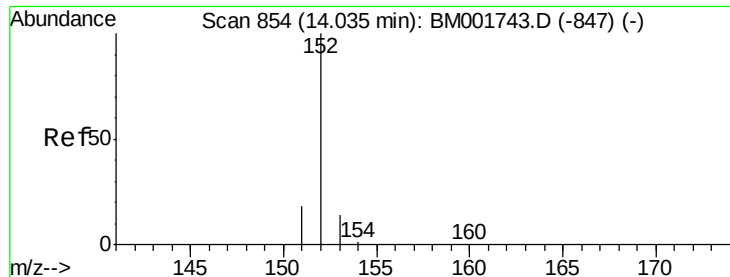
#14
 2-Fluorobiphenyl
 Concen: 7.17 ng
 RT: 12.94 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BM001751.D
 Acq: 18 Jun 2015 23:47

Tgt Ion:172 Resp: 72515
 Ion Ratio Lower Upper
 172 100
 171 32.1 26.2 39.2
 170 19.8 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: 8.02 ng

RT: 14.03 min Scan# 854

Delta R.T. 0.00 min

Lab File: BM001751.D

Acq: 18 Jun 2015 23:47

Instrument :

BNA_M

ClientSampleId :

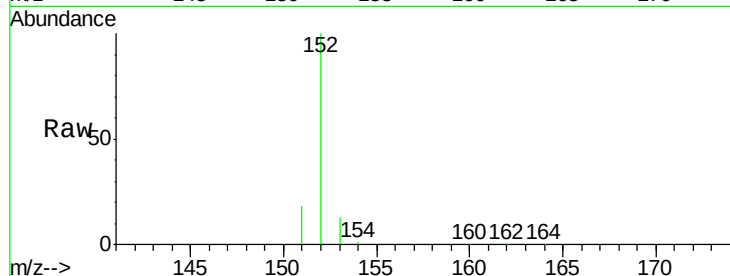
Tot Ion:152 Resp: 107834

Ion Ratio Lower Upper

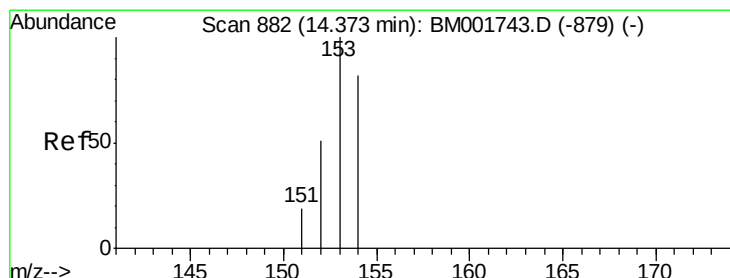
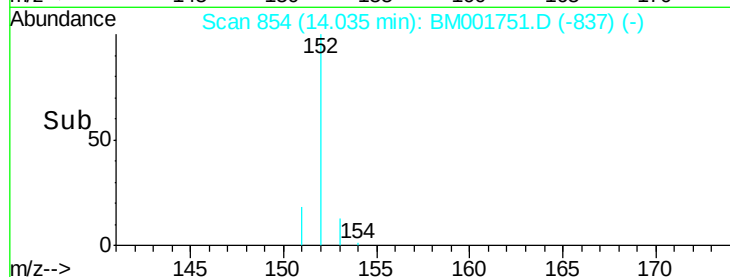
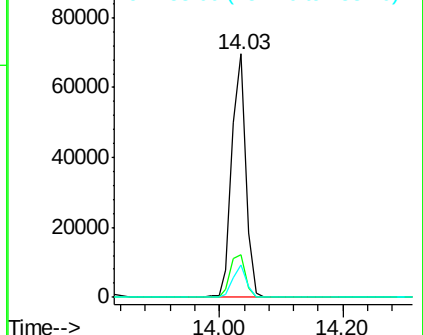
152 100

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: 7.51 ng

RT: 14.37 min Scan# 882

Delta R.T. 0.00 min

Lab File: BM001751.D

Acq: 18 Jun 2015 23:47

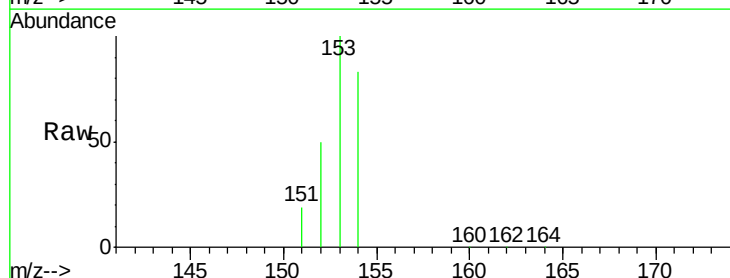
Tgt Ion:154 Resp: 63236

Ion Ratio Lower Upper

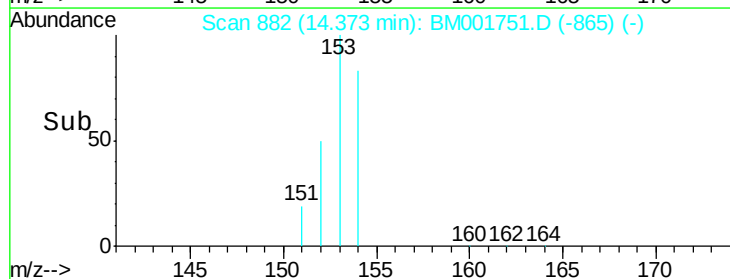
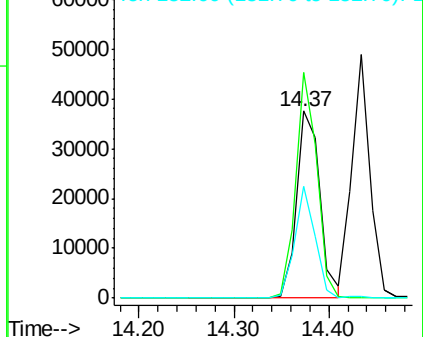
154 100

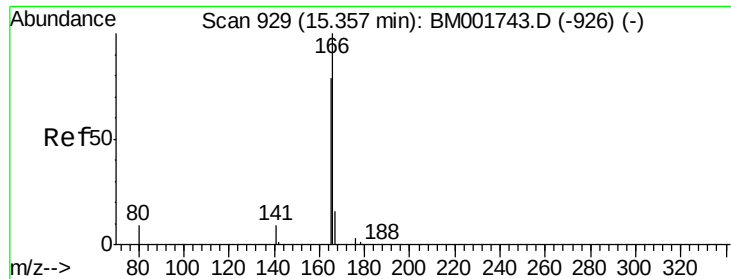
153 109.4 90.0 135.0

152 52.9 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

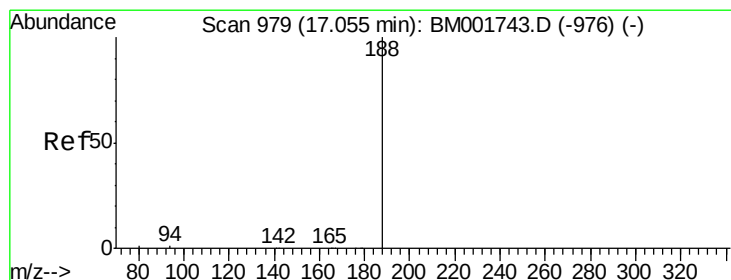
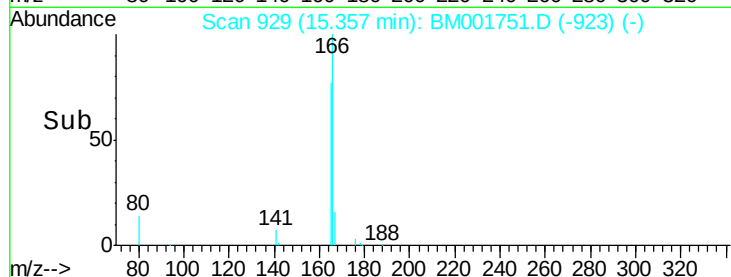
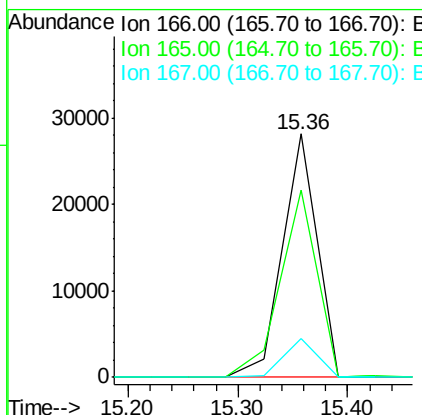
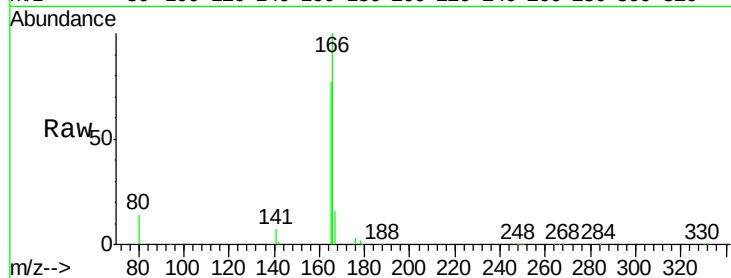




#17
Fluorene
 Concen: 8.55 ng
 RT: 15.36 min Scan# 929
 Delta R.T. 0.00 min
 Lab File: BM001751.D
 Acq: 18 Jun 2015 23:47

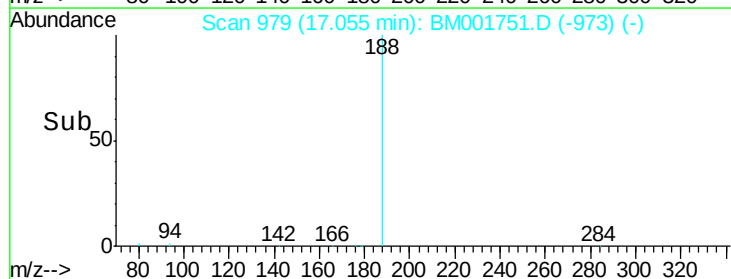
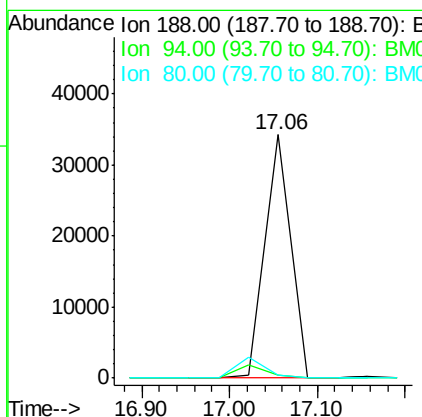
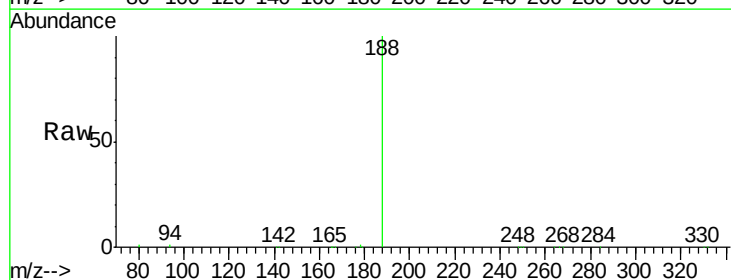
Instrument :
 BNA_M
 ClientSampleId :

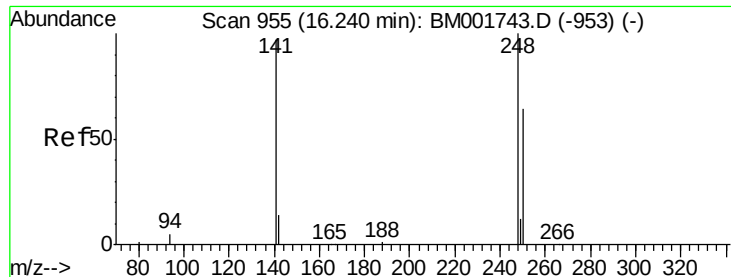
Tot Ion:166 Resp: 61686
 Ion Ratio Lower Upper
 166 100
 165 82.0 68.2 102.2
 167 15.3 12.2 18.2



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.06 min Scan# 979
 Delta R.T. 0.00 min
 Lab File: BM001751.D
 Acq: 18 Jun 2015 23:47

Tgt Ion:188 Resp: 70572
 Ion Ratio Lower Upper
 188 100
 94 1.4 1.3 1.9
 80 1.2 1.0 1.6

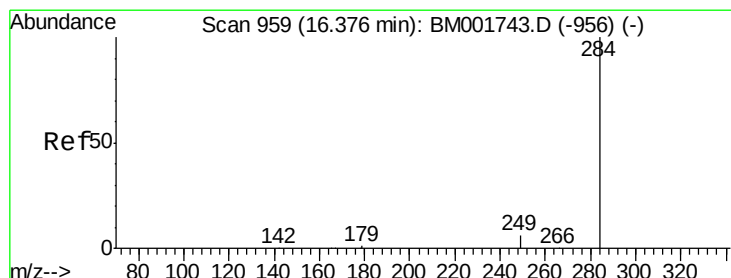
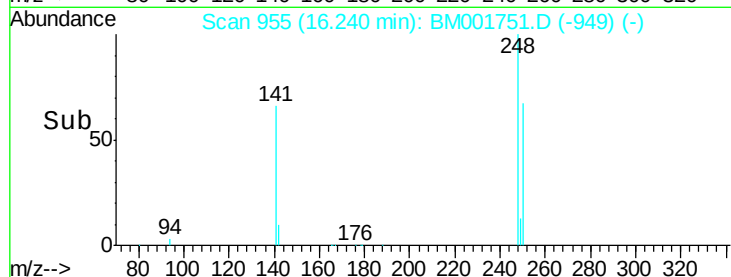
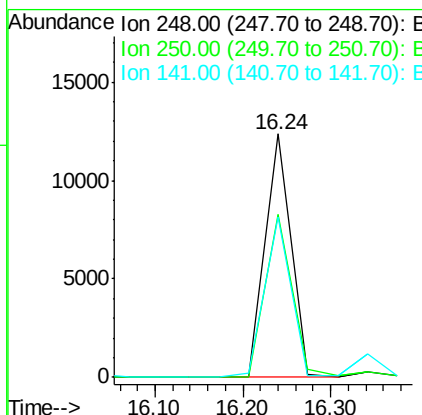
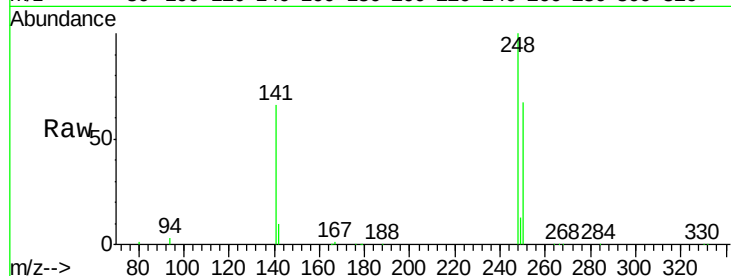




#19
4-Bromophenyl-phenylether
Concen: 8.77 ng
RT: 16.24 min Scan# 955
Delta R.T. 0.00 min
Lab File: BM001751.D
Acq: 18 Jun 2015 23:47

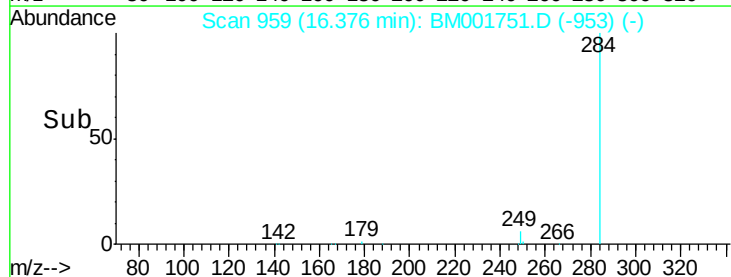
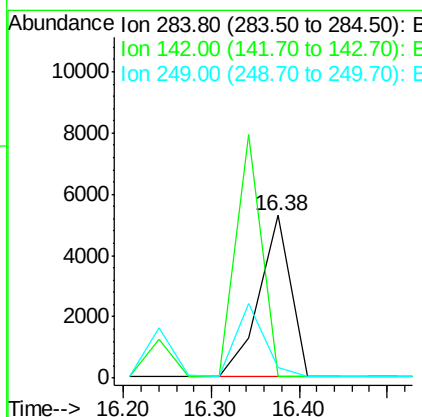
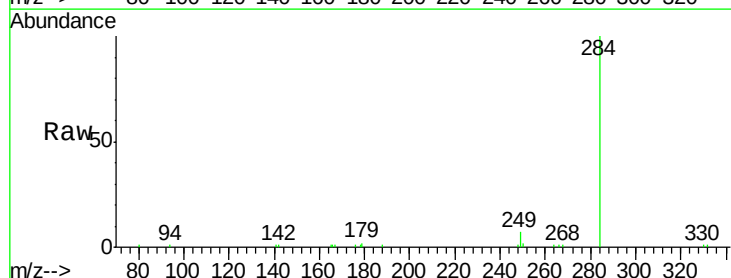
Instrument :
BNA_M
ClientSampleId :

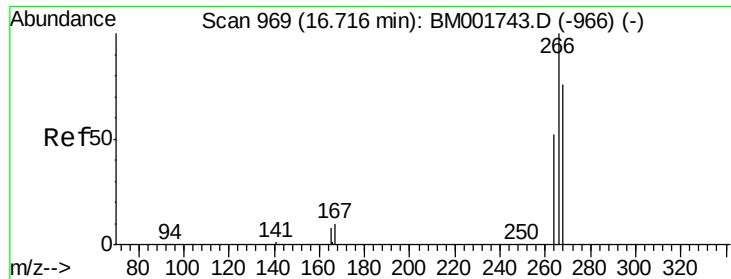
Tot Ion:248 Resp: 25394
Ion Ratio Lower Upper
248 100
250 69.0 54.8 82.2
141 66.4 76.2 114.4#



#20
Hexachlorobenzene
Concen: 6.70 ng
RT: 16.38 min Scan# 959
Delta R.T. 0.00 min
Lab File: BM001751.D
Acq: 18 Jun 2015 23:47

Tgt Ion:284 Resp: 13330
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 0.0 0.0 0.0

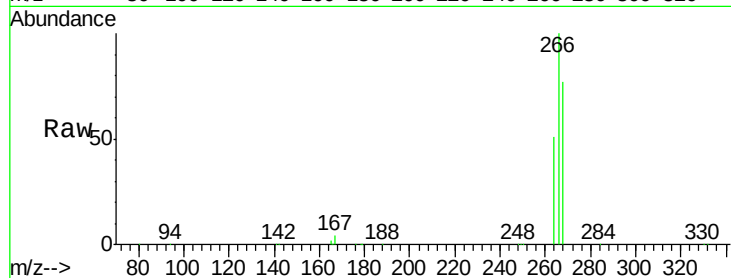




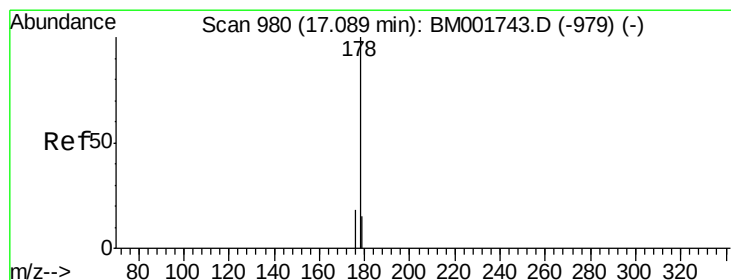
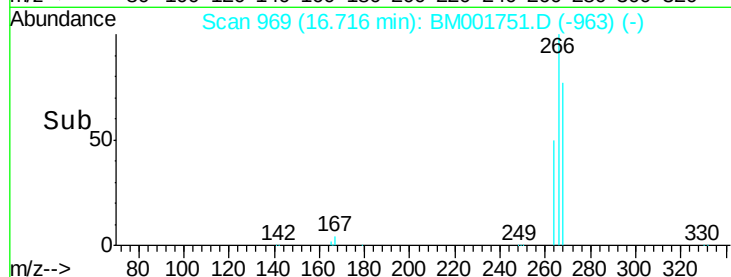
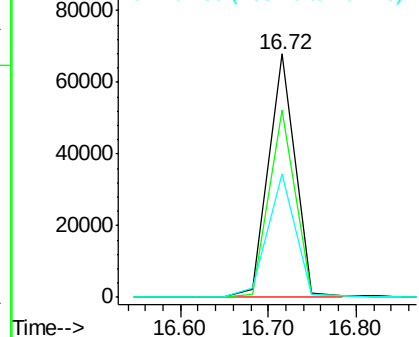
#21
 Pentachlorophenol
 Concen: 165.28 ng
 RT: 16.72 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: BM001751.D
 Acq: 18 Jun 2015 23:47

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	76.8	63.2	94.8
264	50.5	46.2	69.2

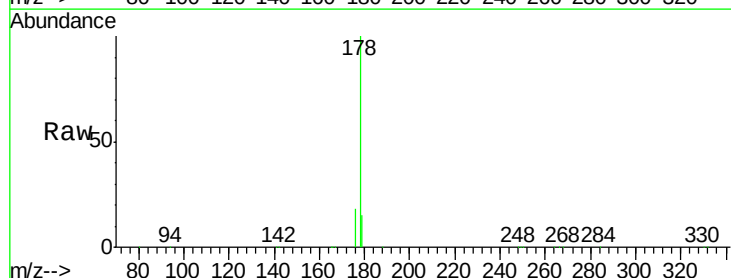


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

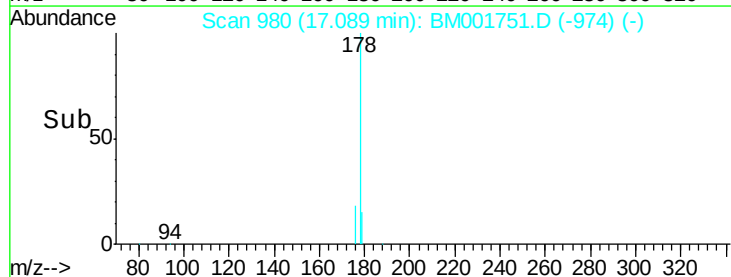
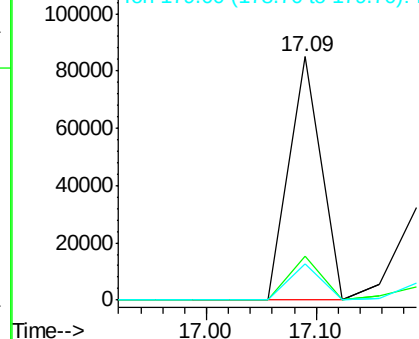


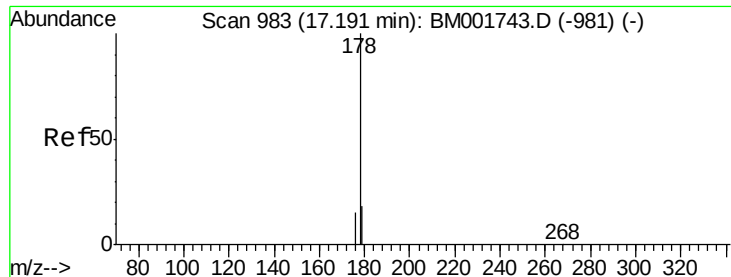
#22
 Phenanthrene
 Concen: 7.18 ng
 RT: 17.09 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BM001751.D
 Acq: 18 Jun 2015 23:47

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.4	23.2
179	15.0	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: 6.50 ng

RT: 17.19 min Scan# 983

Delta R.T. 0.00 min

Lab File: BM001751.D

Acq: 18 Jun 2015 23:47

Instrument :

BNA_M

ClientSampleId :

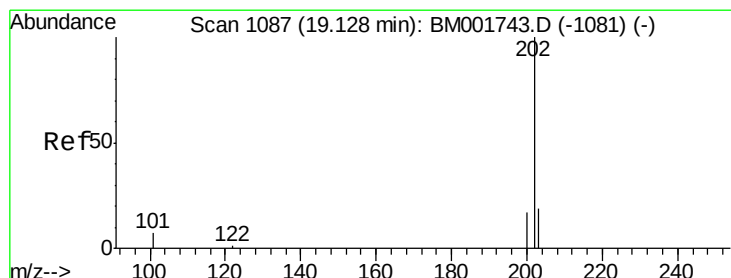
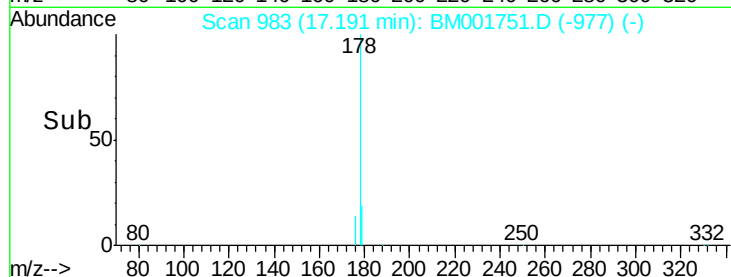
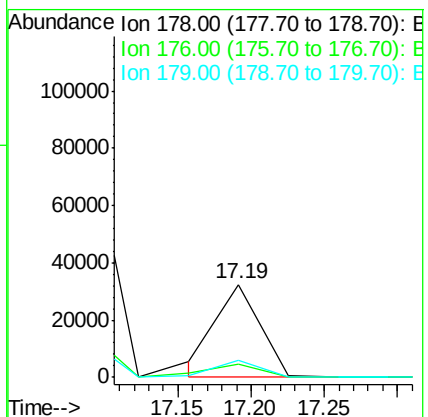
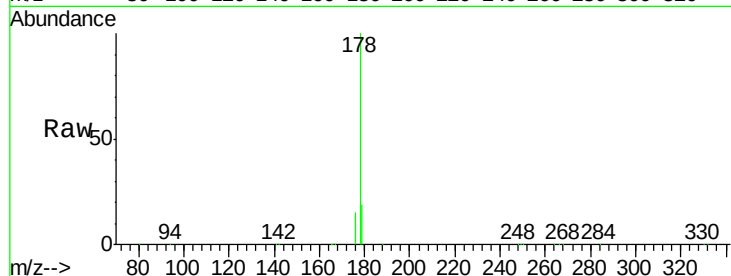
Tot Ion:178 Resp: 66364

Ion Ratio Lower Upper

178 100

176 14.4 10.0 15.0

179 18.5 12.3 18.5#



#24

Fluoranthene

Concen: 8.14 ng

RT: 19.12 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BM001751.D

Acq: 18 Jun 2015 23:47

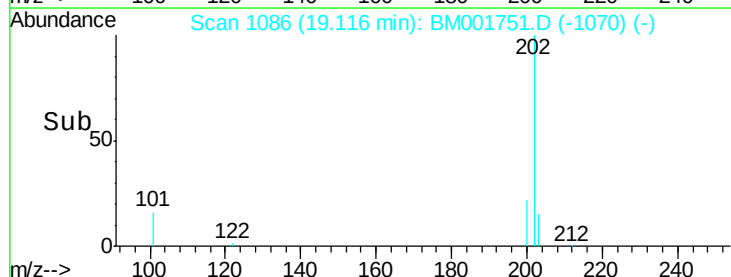
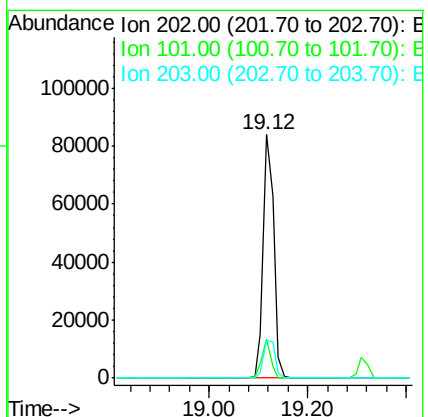
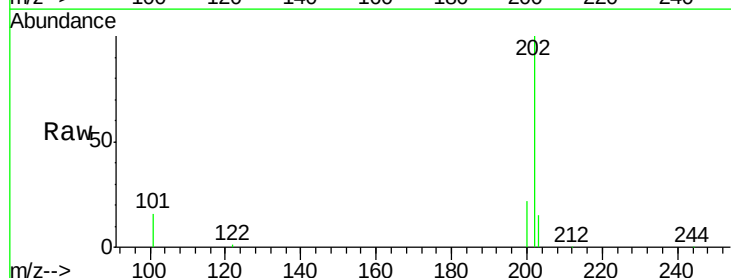
Tgt Ion:202 Resp: 124132

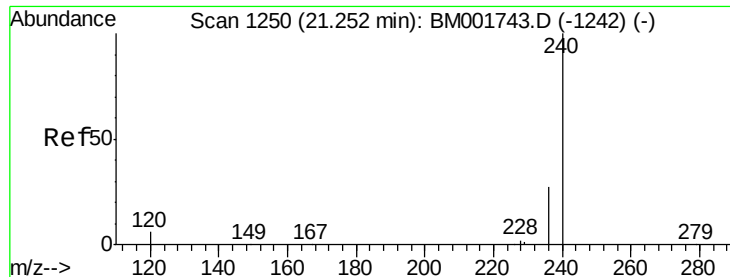
Ion Ratio Lower Upper

202 100

101 13.7 10.8 16.2

203 17.4 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: BM001751.D

Acq: 18 Jun 2015 23:47

Instrument :

BNA_M

ClientSampleId :

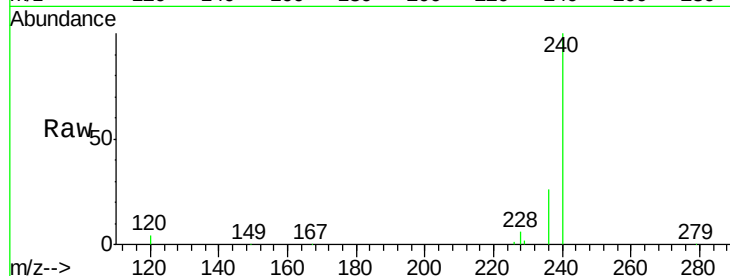
Tot Ion:240 Resp: 48654

Ion Ratio Lower Upper

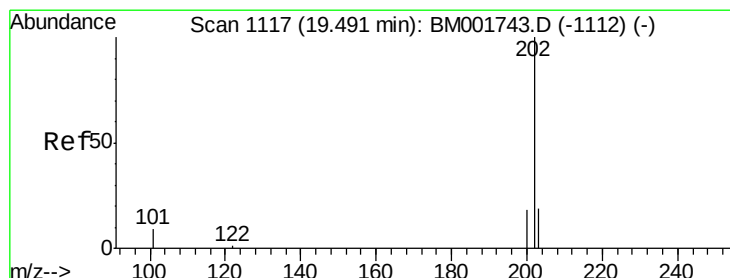
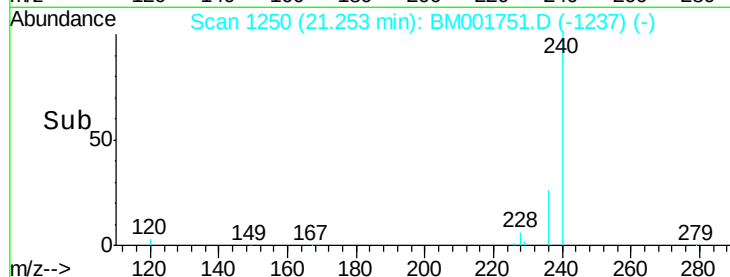
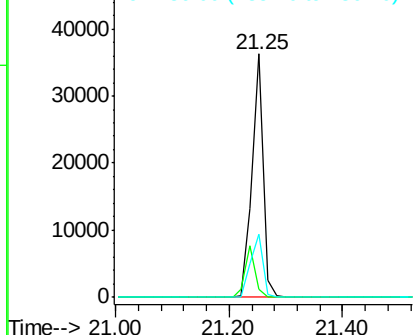
240 100

120 3.5 4.7 7.1#

236 25.7 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: 8.03 ng

RT: 19.48 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BM001751.D

Acq: 18 Jun 2015 23:47

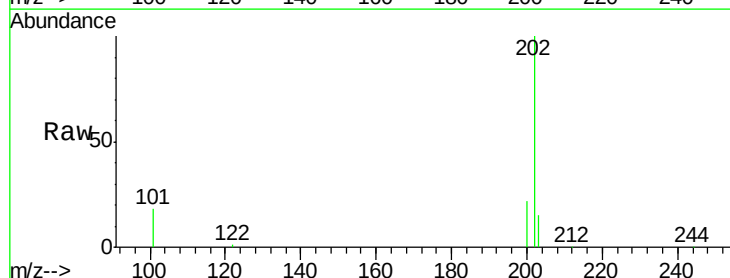
Tgt Ion:202 Resp: 136025

Ion Ratio Lower Upper

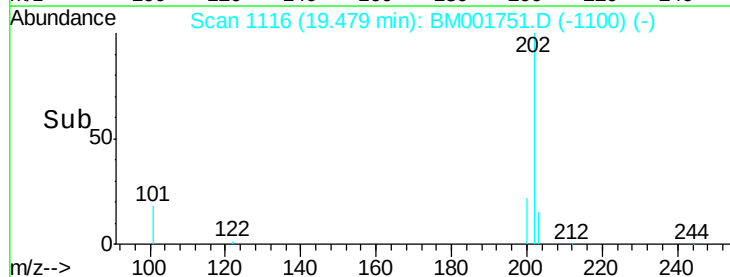
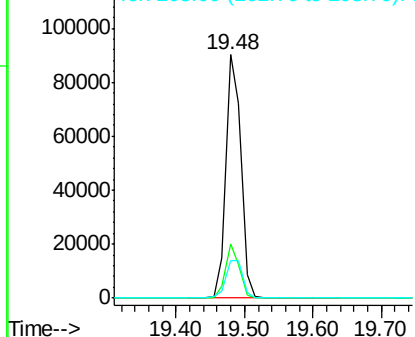
202 100

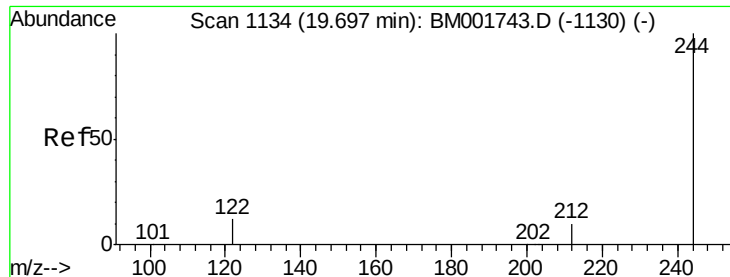
200 20.5 16.6 24.8

203 17.7 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

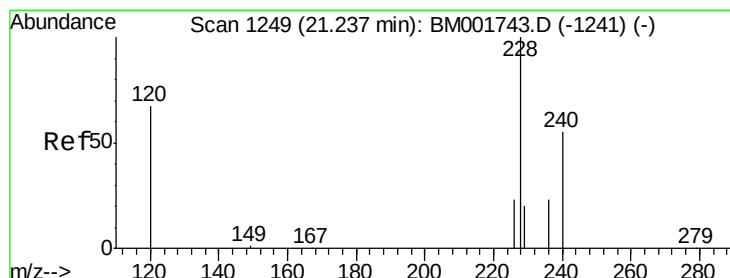
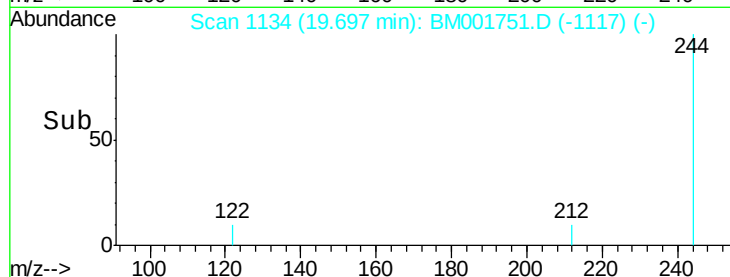
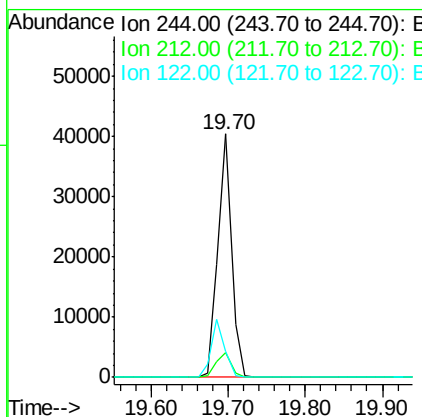
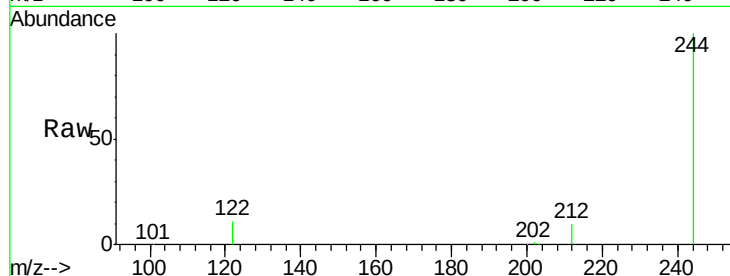




#27
 Terphenyl-d14
 Concen: 7.00 ng
 RT: 19.70 min Scan# 1134
 Delta R.T. 0.00 min
 Lab File: BM001751.D
 Acq: 18 Jun 2015 23:47

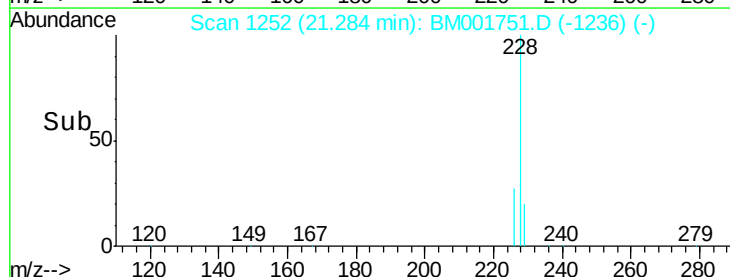
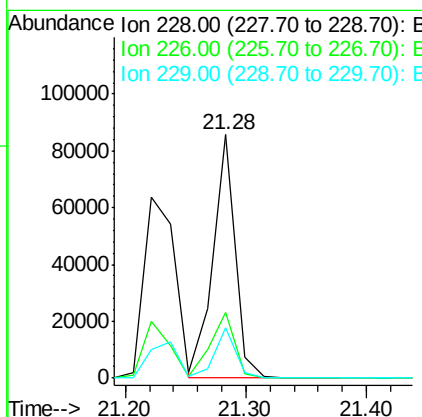
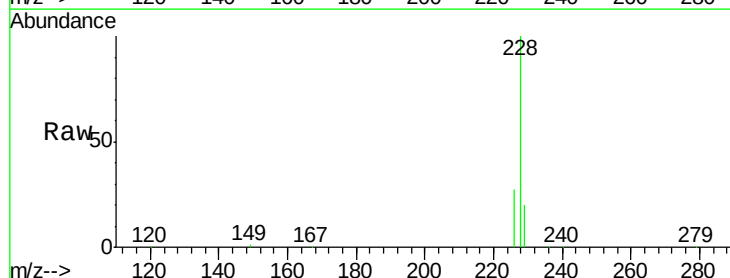
Instrument :
 BNA_M
 ClientSampled :

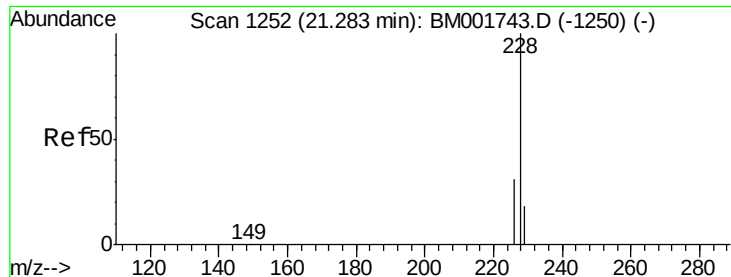
Tot Ion:244 Resp: 50177
 Ion Ratio Lower Upper
 244 100
 212 10.0 8.6 13.0
 122 10.8 10.6 15.8



#28
 Benzo(a)anthracene
 Concen: 7.45 ng
 RT: 21.28 min Scan# 1252
 Delta R.T. 0.05 min
 Lab File: BM001751.D
 Acq: 18 Jun 2015 23:47

Tgt Ion:228 Resp: 109176
 Ion Ratio Lower Upper
 228 100
 226 27.1 18.9 28.3
 229 20.4 16.6 25.0





#29

Chrysene

Concen: 7.10 ng

RT: 21.28 min Scan# 1252

Delta R.T. 0.00 min

Lab File: BM001751.D

Acq: 18 Jun 2015 23:47

Instrument :

BNA_M

ClientSampleId :

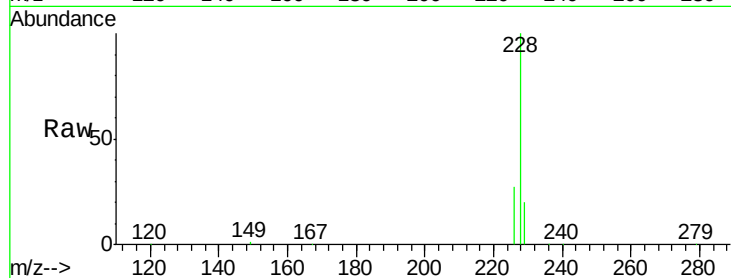
Tot Ion:228 Resp: 109430

Ion Ratio Lower Upper

228 100

226 27.1 24.3 36.5

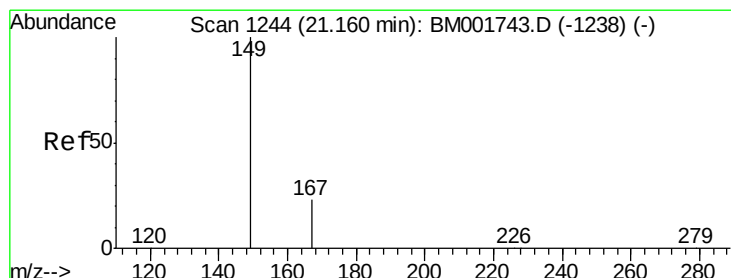
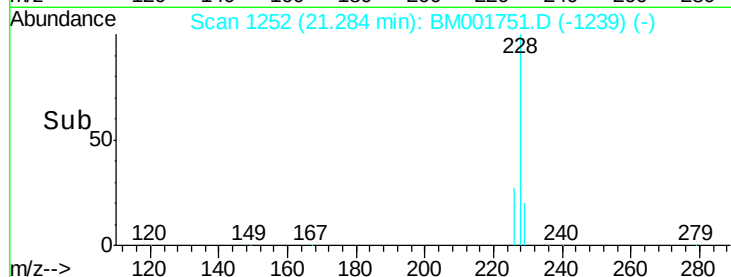
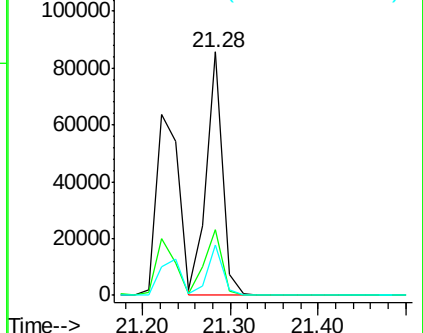
229 20.4 15.0 22.6



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: 10.03 ng

RT: 21.16 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BM001751.D

Acq: 18 Jun 2015 23:47

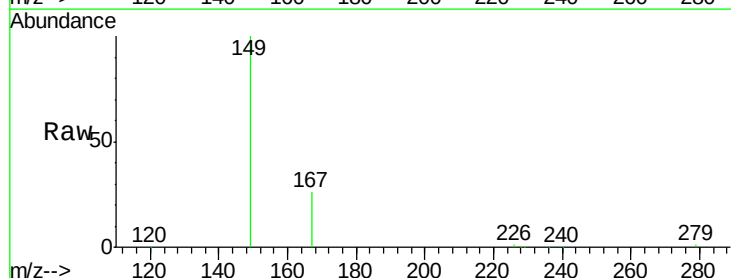
Tgt Ion:149 Resp: 84818

Ion Ratio Lower Upper

149 100

167 25.7 19.7 29.5

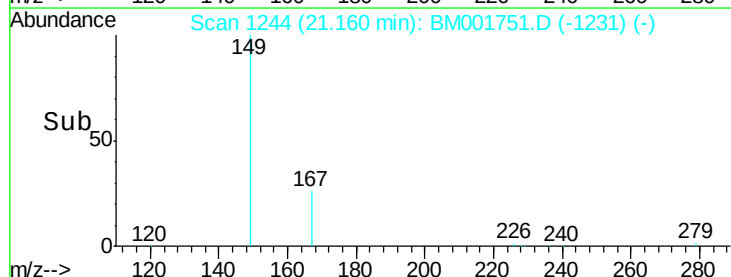
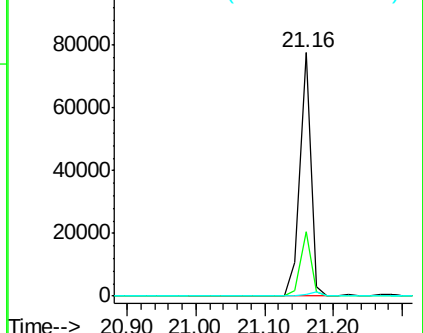
279 1.8 1.6 2.4

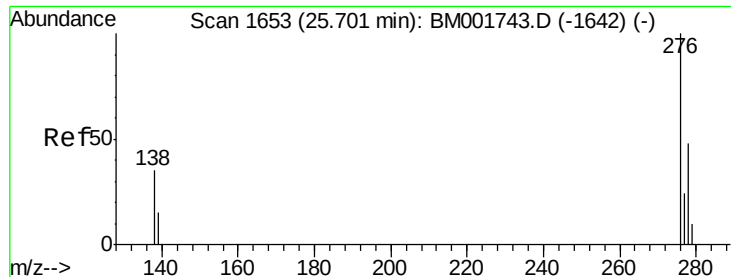


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

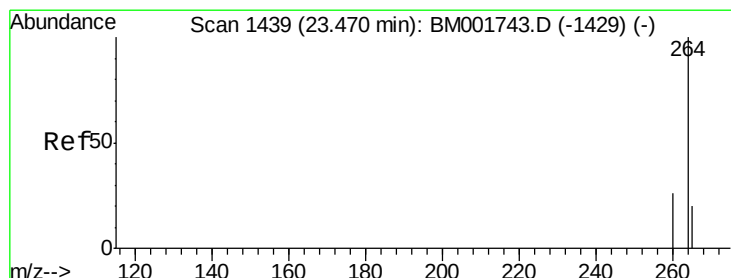
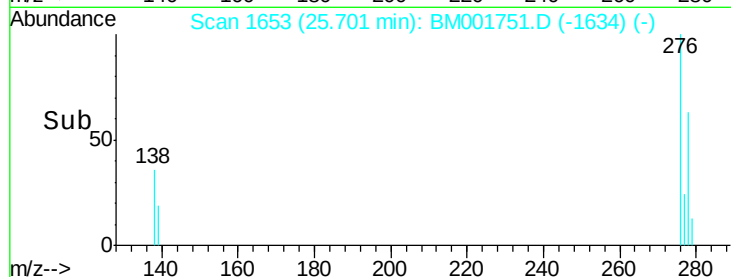
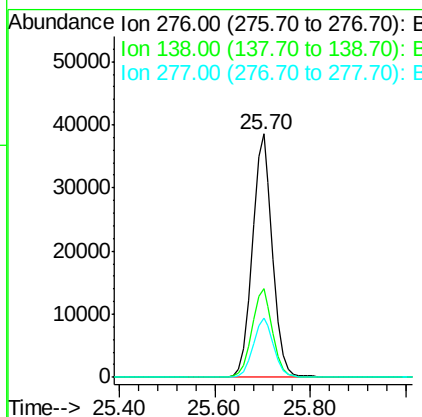
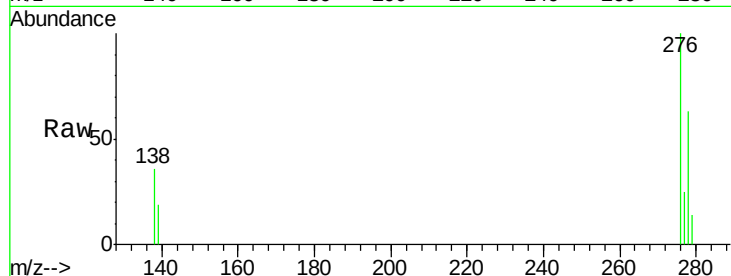




#31
 Indeno(1,2,3-cd)pyrene
 Concen: 7.61 ng
 RT: 25.70 min Scan# 1653
 Delta R.T. 0.00 min
 Lab File: BM001751.D
 Acq: 18 Jun 2015 23:47

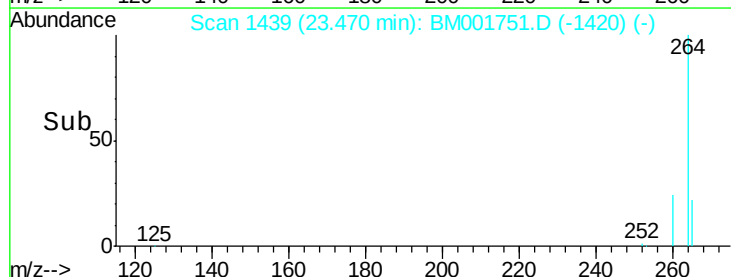
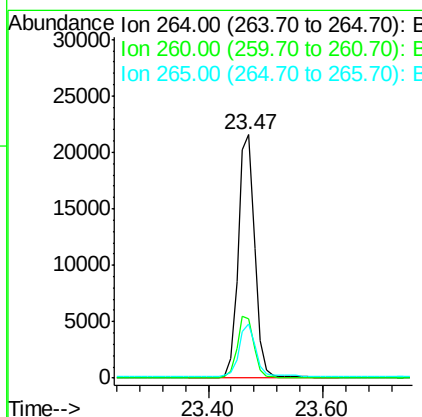
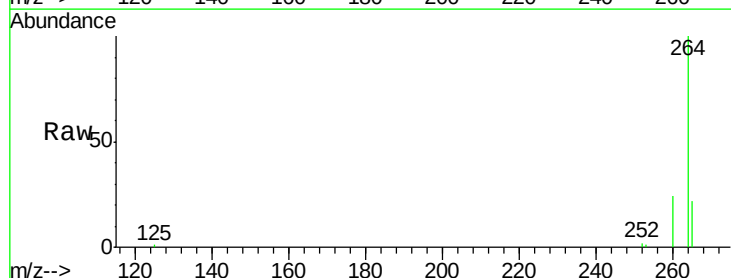
Instrument :
 BNA_M
 ClientSampleId :

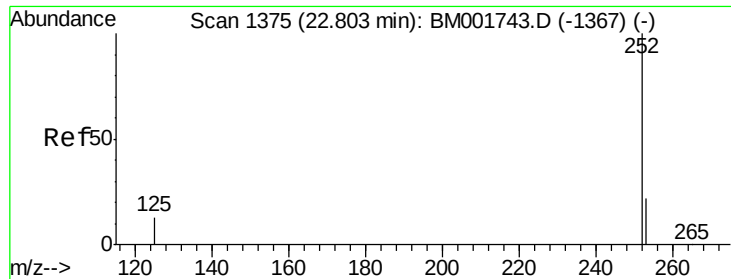
Tot Ion:276 Resp: 112770
 Ion Ratio Lower Upper
 276 100
 138 37.0 29.0 43.6
 277 24.7 19.7 29.5



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.47 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BM001751.D
 Acq: 18 Jun 2015 23:47

Tgt Ion:264 Resp: 42758
 Ion Ratio Lower Upper
 264 100
 260 24.4 20.8 31.2
 265 22.5 16.8 25.2





#33

Benzo(b)fluoranthene

Concen: 7.49 ng

RT: 22.79 min Scan# 1374

Delta R.T. -0.01 min

Lab File: BM001751.D

Acq: 18 Jun 2015 23:47

Instrument :

BNA_M

ClientSampleId :

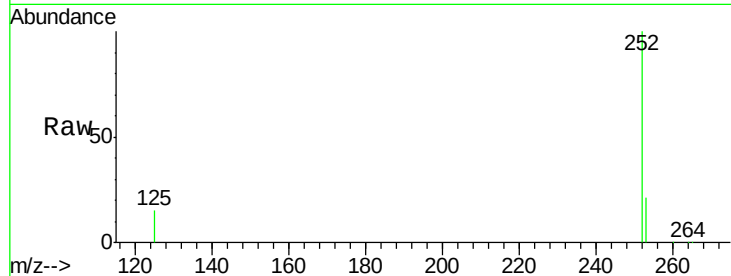
Tot Ion:252 Resp: 105064

Ion Ratio Lower Upper

252 100

253 20.6 19.0 28.4

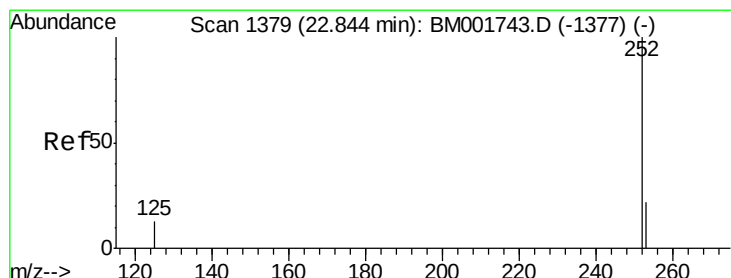
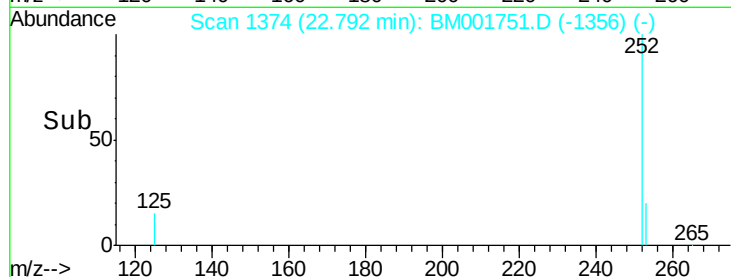
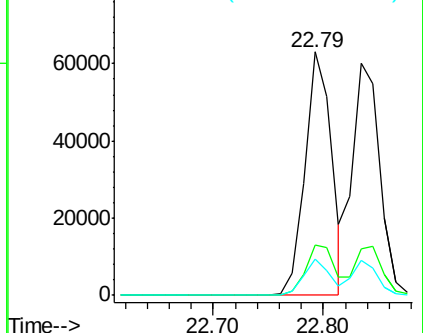
125 14.9 11.3 16.9



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: 8.24 ng

RT: 22.83 min Scan# 1378

Delta R.T. -0.01 min

Lab File: BM001751.D

Acq: 18 Jun 2015 23:47

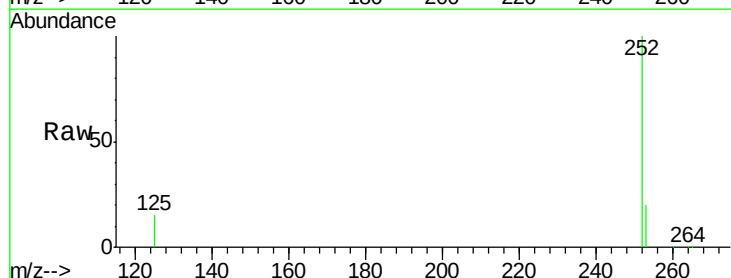
Tgt Ion:252 Resp: 103506

Ion Ratio Lower Upper

252 100

253 20.2 18.2 27.4

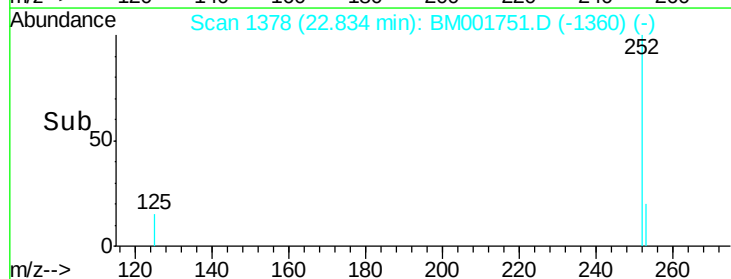
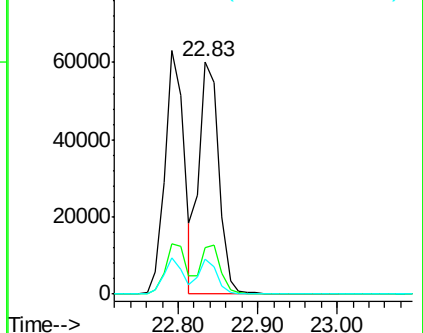
125 15.1 11.8 17.6

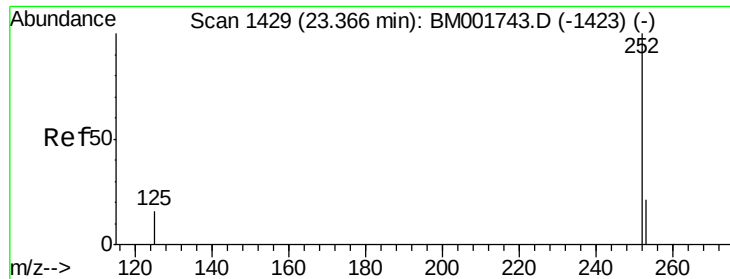


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 8.36 ng

RT: 23.37 min Scan# 1429

Delta R.T. 0.00 min

Lab File: BM001751.D

Acq: 18 Jun 2015 23:47

Instrument :

BNA_M

ClientSampleId :

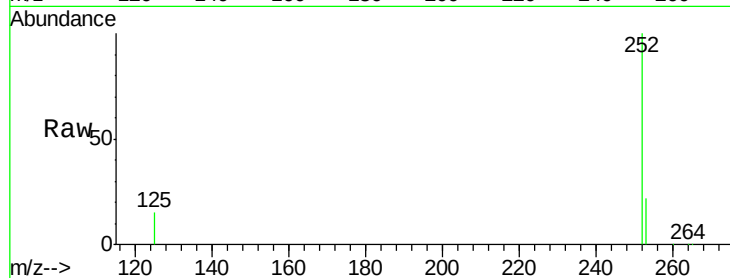
Tot Ion:252 Resp: 98762

Ion Ratio Lower Upper

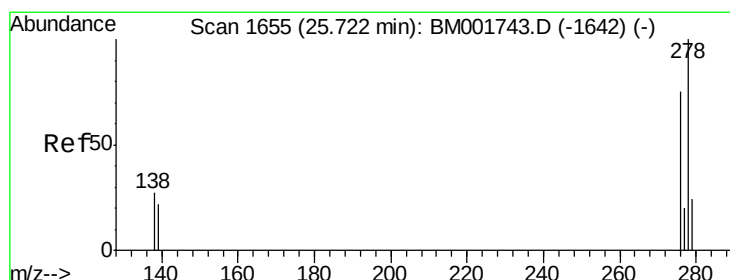
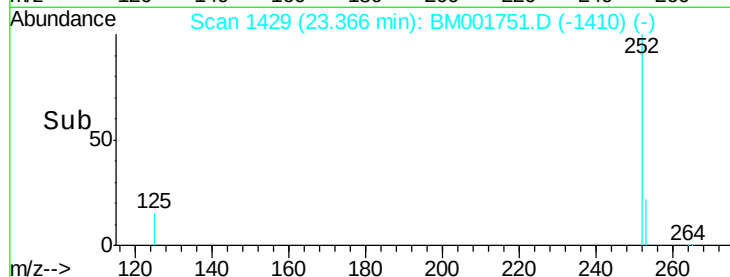
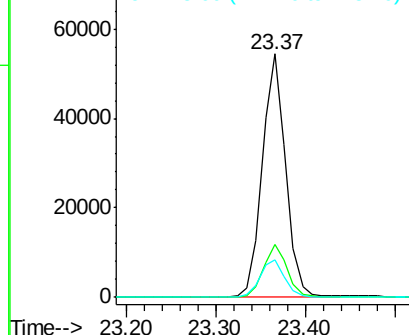
252 100

253 21.8 17.9 26.9

125 15.5 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: 7.84 ng

RT: 25.71 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BM001751.D

Acq: 18 Jun 2015 23:47

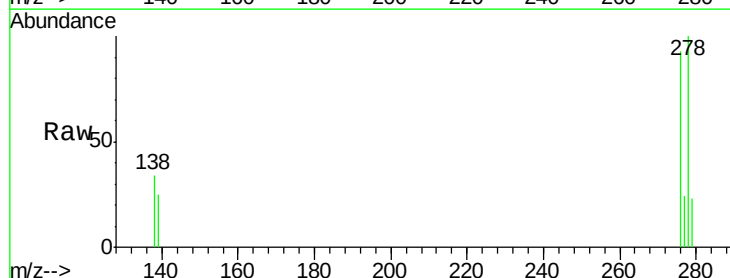
Tgt Ion:278 Resp: 91731

Ion Ratio Lower Upper

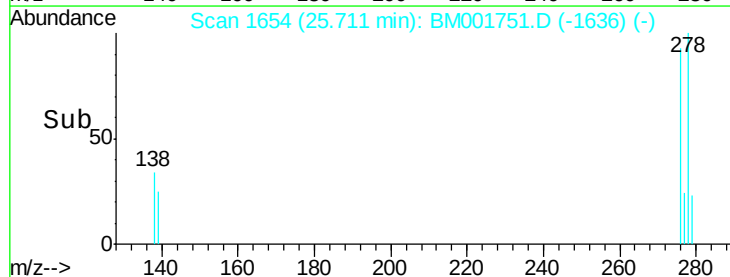
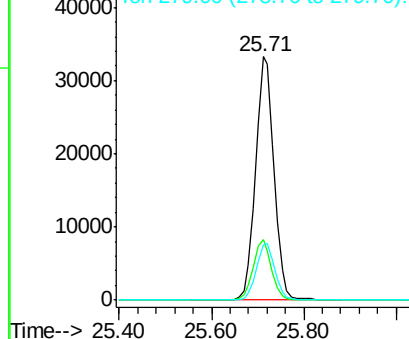
278 100

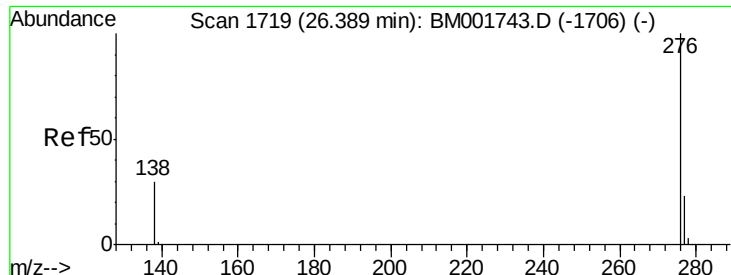
139 25.0 18.4 27.6

279 22.9 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

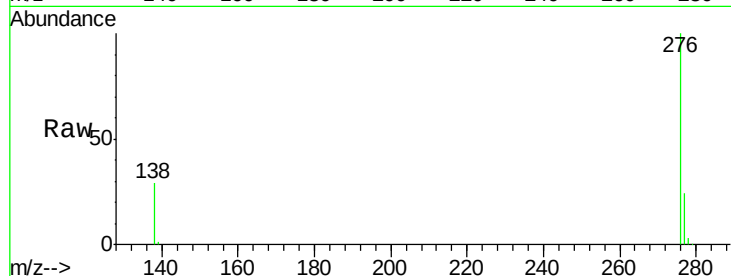




#37
 Benzo(a,h,i)perylene
 Concen: 7.68 ng
 RT: 26.39 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BM001751.D
 Acq: 18 Jun 2015 23:47

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.3	28.9
138	29.4	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

