

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110515\
 Data File : BM003063.D
 Acq On : 05 Nov 2015 14:32
 Operator : UM/IZ
 Sample : PB86422BSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB86422BSD

Quant Time: Nov 06 00:10:41 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM110415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 05 10:29:18 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	82419	5.00	ng	0.00
7) Naphthalene-d8	10.54	136	360942	5.00	ng	0.00
13) Acenaphthene-d10	14.39	164	201316	5.00	ng	0.00
19) Phenanthrene-d10	17.14	188	482061	5.00	ng	0.00
26) Chrysene-d12	21.33	240	384880	5.00	ng	0.00
35) Perylene-d12	23.60	264	268344	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	116789	6.69	ng	0.00
5) Phenol-d6	6.92	99	154896	7.61	ng	0.00
8) Nitrobenzene-d5	8.92	82	61328	3.69	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	49803	9.55	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	222316	3.50	ng	0.00
29) Terphenyl-d14	19.77	244	210768	3.80	ng	0.00

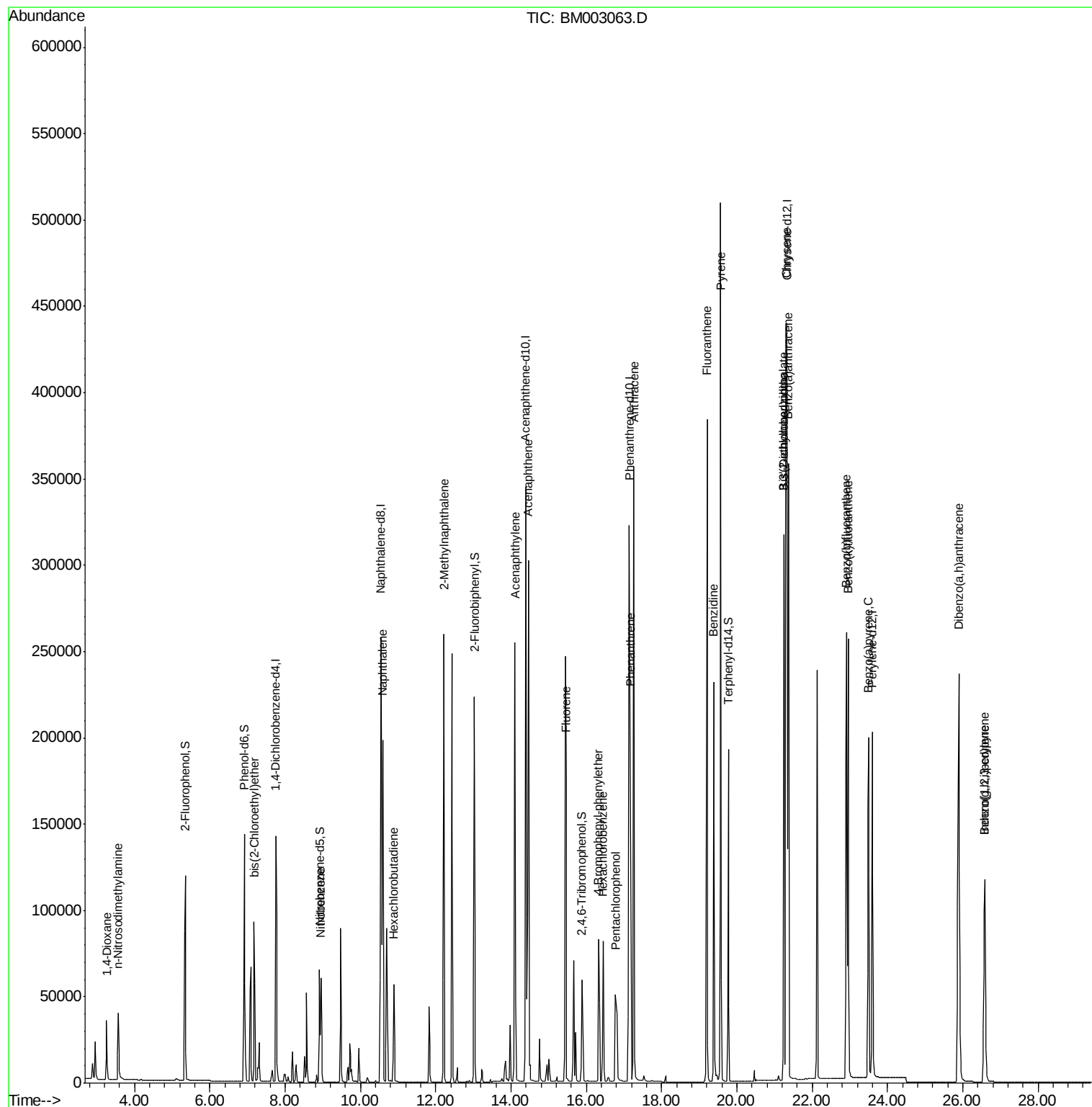
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.26	88	25331	3.47	ng	99
3) n-Nitrosodimethylamine	3.57	42	27081	3.50	ng	97
6) bis(2-Chloroethyl)ether	7.17	93	72101	3.70	ng	100
9) Nitrobenzene	8.95	77	67714	3.76	ng	98
10) Naphthalene	10.60	128	267761	3.45	ng	98
11) Hexachlorobutadiene	10.89	225	39511	3.29	ng	98
12) 2-Methylnaphthalene	12.22	142	191967	3.83	ng	94
16) Acenaphthylene	14.11	152	313465	4.00	ng	99
17) Acenaphthene	14.46	154	207647	3.85	ng	# 100
18) Fluorene	15.46	166	224584	3.91	ng	# 11
20) 4-Bromophenyl-phenylether	16.32	248	53449	3.59	ng	# 37
21) Hexachlorobenzene	16.45	284	76650	3.75	ng	# 77
22) Pentachlorophenol	16.78	266	58039	7.70	ng	88
23) Phenanthrene	17.16	178	343391	3.90	ng	99
24) Anthracene	17.27	178	436032	4.27	ng	99
25) Fluoranthene	19.21	202	417468	4.34	ng	100
27) Benzidine	19.38	184	345593	8.31	ng	94
28) Pyrene	19.57	202	468407	4.19	ng	99
30) Benzo(a)anthracene	21.37	228	300833	3.04	ng	96
31) 3,3'-Dichlorobenzidine	21.25	252	101902	3.50	ng	# 75
32) Chrysene	21.31	228	468723	5.27	ng	97
33) Bis(2-ethylhexyl)phthalate	21.25	149	239351	4.64	ng	# 93
34) Indeno(1,2,3-cd)pyrene	26.58	276	237548	2.89	ng	100
36) Benzo(b)fluoranthene	22.91	252	330820	4.17	ng	98
37) Benzo(k)fluoranthene	22.96	252	313160	4.40	ng	98
38) Benzo(a)pyrene	23.50	252	280482	4.07	ng	97
39) Dibenzo(a,h)anthracene	25.90	278	231031	3.45	ng	99
40) Benzo(g,h,i)perylene	26.58	276	237702	3.28	ng	99

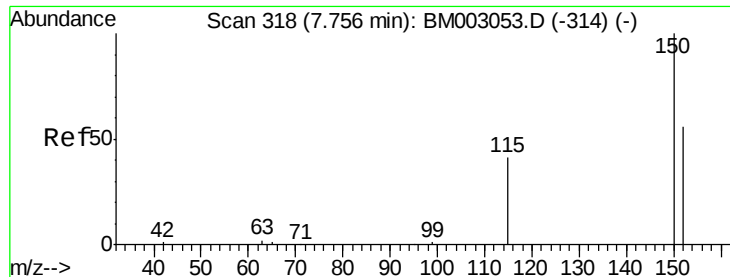
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.76 min Scan# 318

Delta R.T. 0.00 min

Lab File: BM003063.D

Acq: 05 Nov 2015 14:32

Instrument :

BNA_M

ClientSampleId :

PB86422BSD

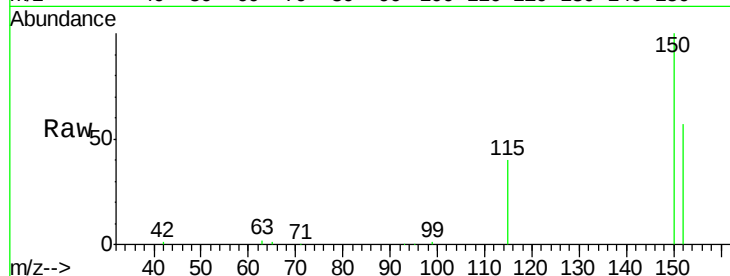
Tgt Ion:152 Resp: 82419

Ion Ratio Lower Upper

152 100

150 176.0 143.6 215.4

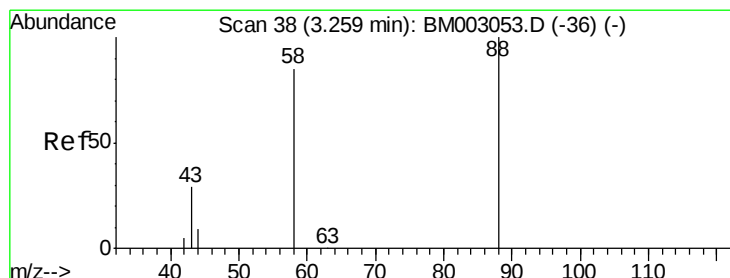
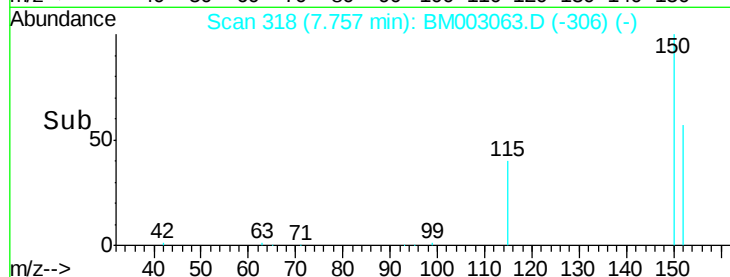
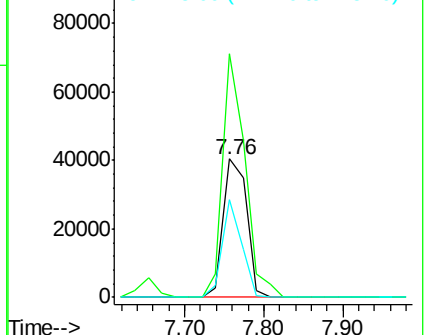
115 70.6 58.5 87.7



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: 3.47 ng

RT: 3.26 min Scan# 38

Delta R.T. 0.00 min

Lab File: BM003063.D

Acq: 05 Nov 2015 14:32

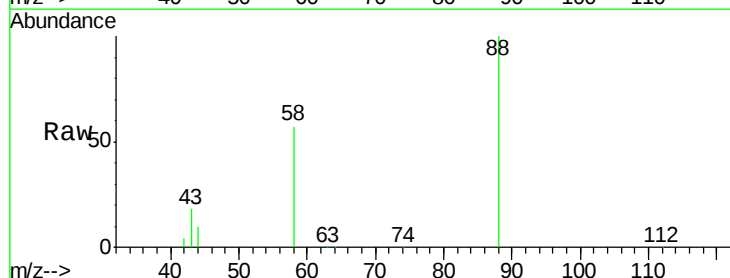
Tgt Ion: 88 Resp: 25331

Ion Ratio Lower Upper

88 100

58 68.5 55.2 82.8

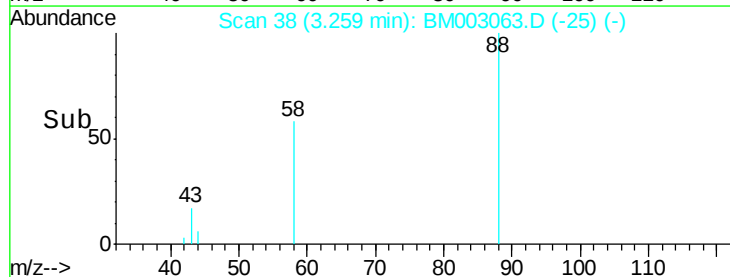
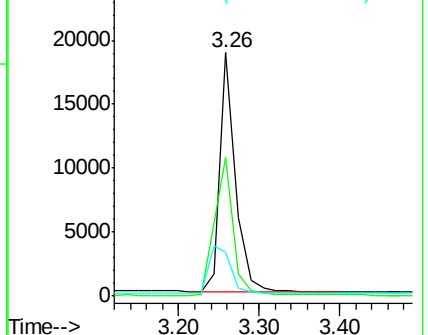
43 27.8 21.8 32.6

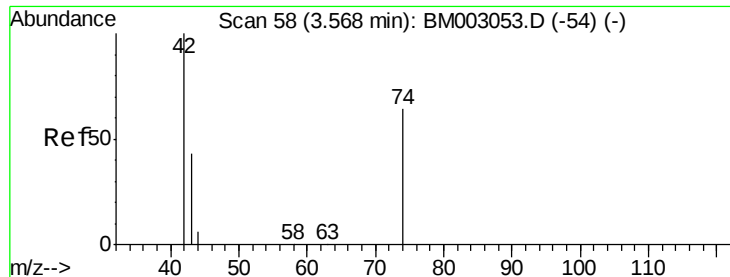


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 3.50 ng

RT: 3.57 min Scan# 58

Delta R.T. 0.00 min

Lab File: BM003063.D

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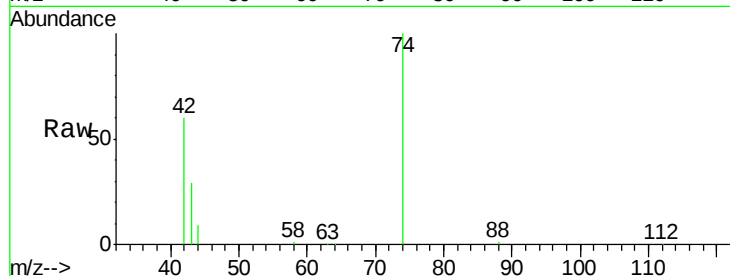
Tgt Ion: 42 Resp: 27081

Ion Ratio Lower Upper

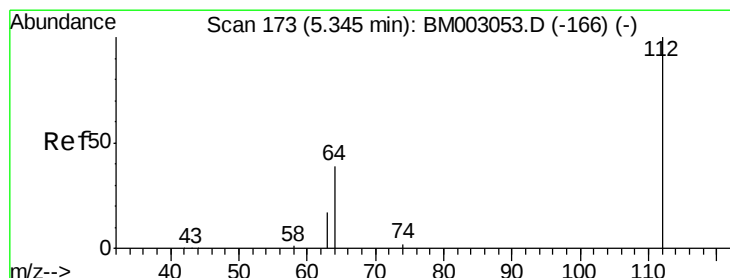
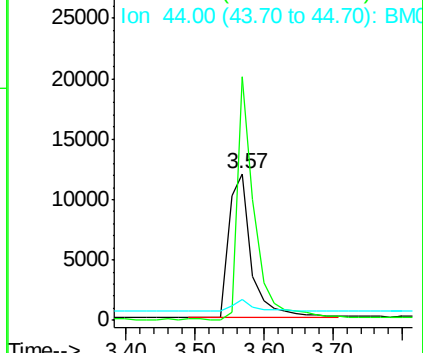
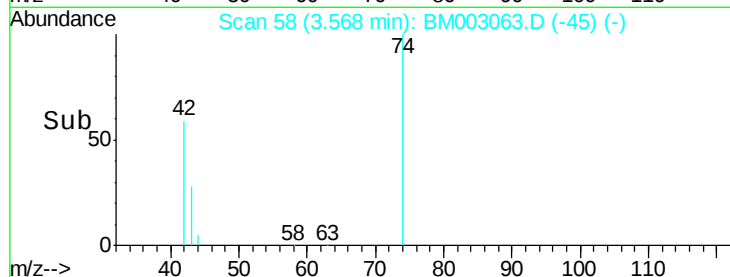
42 100

74 129.6 101.0 151.4

44 6.7 6.3 9.5



Abundance Ion 42.00 (41.70 to 42.70): BM003063.D (-45) (-)



#4

2-Fluorophenol

Concen: 6.69 ng

RT: 5.35 min Scan# 173

Delta R.T. 0.00 min

Lab File: BM003063.D

Acq: 05 Nov 2015 14:32

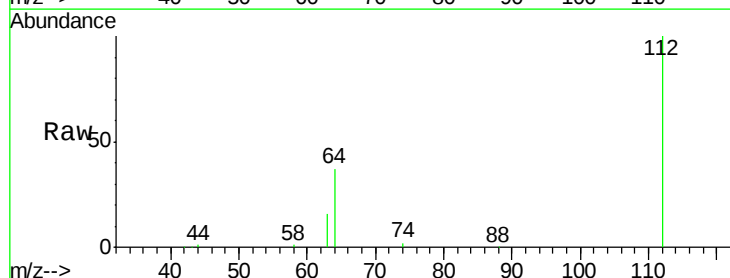
Tgt Ion: 112 Resp: 116789

Ion Ratio Lower Upper

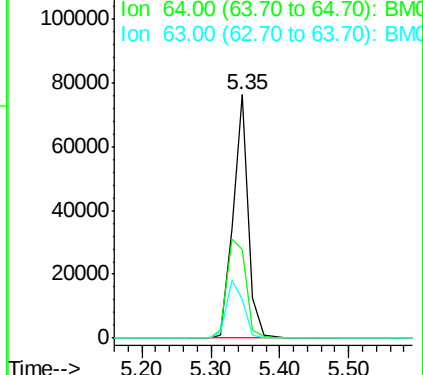
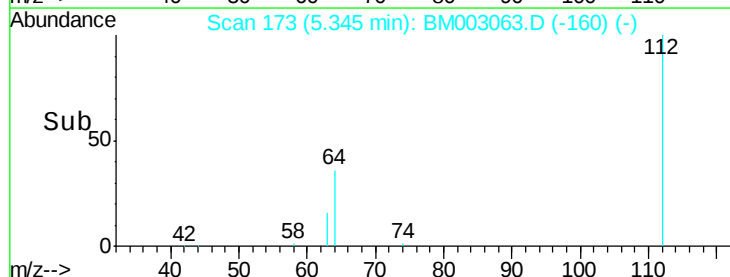
112 100

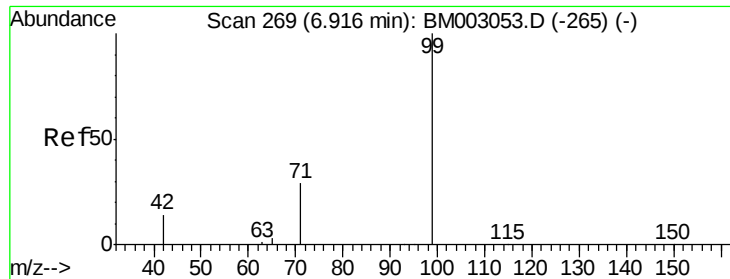
64 51.0 41.2 61.8

63 26.4 21.2 31.8



Abundance Ion 112.00 (111.70 to 112.70): BM003063.D (-160) (-)





#5

Phenol-d6

Concen: 7.61 ng

RT: 6.92 min Scan# 269

Delta R.T. 0.00 min

Lab File: BM003063.D

Acq: 05 Nov 2015 14:32

Instrument :

BNA_M

ClientSampleId :

PB86422BSD

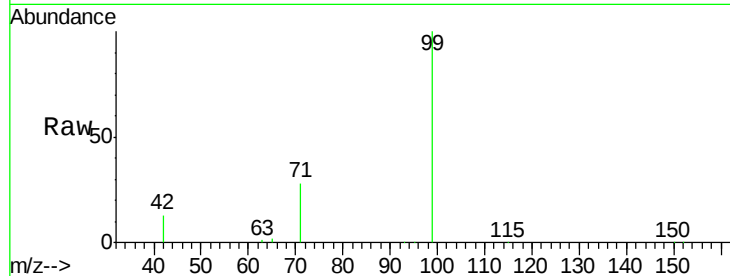
Tgt Ion: 99 Resp: 154896

Ion Ratio Lower Upper

99 100

42 17.5 14.6 22.0

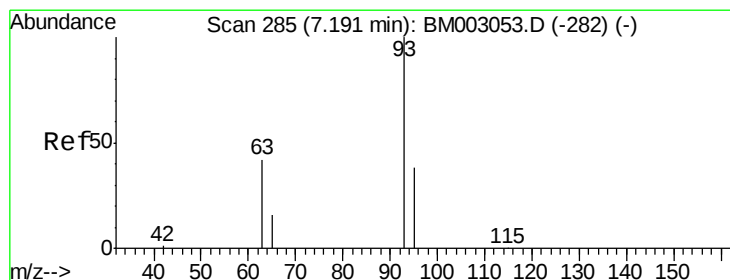
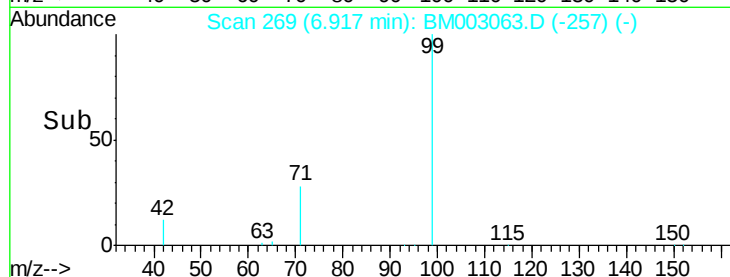
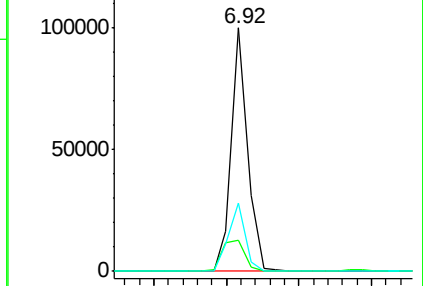
71 28.9 23.3 34.9



Abundance Ion 99.00 (98.70 to 99.70): BM003063.D (-265) (-)

Ion 42.00 (41.70 to 42.70): BM003063.D (-265) (-)

Ion 71.00 (70.70 to 71.70): BM003063.D (-265) (-)



#6

bis(2-Chloroethyl)ether

Concen: 3.70 ng

RT: 7.17 min Scan# 284

Delta R.T. -0.02 min

Lab File: BM003063.D

Acq: 05 Nov 2015 14:32

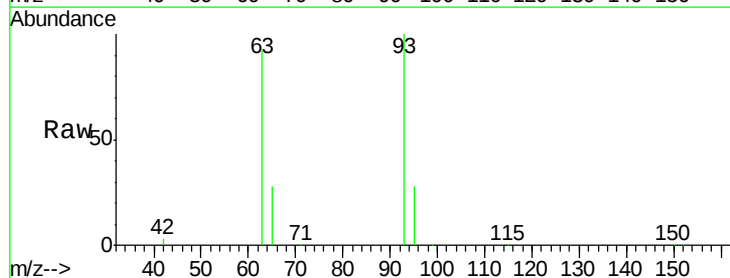
Tgt Ion: 93 Resp: 72101

Ion Ratio Lower Upper

93 100

63 72.4 58.2 87.4

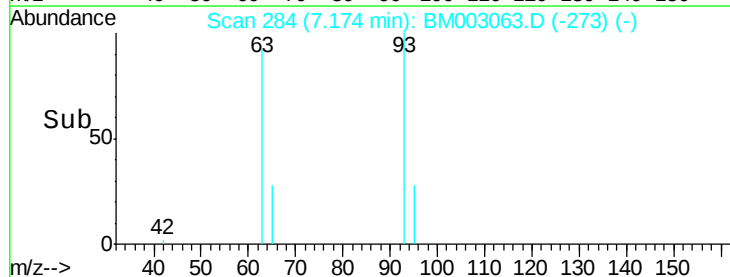
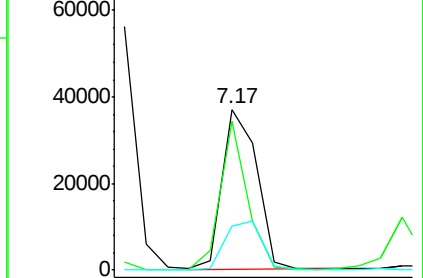
95 32.6 26.2 39.4

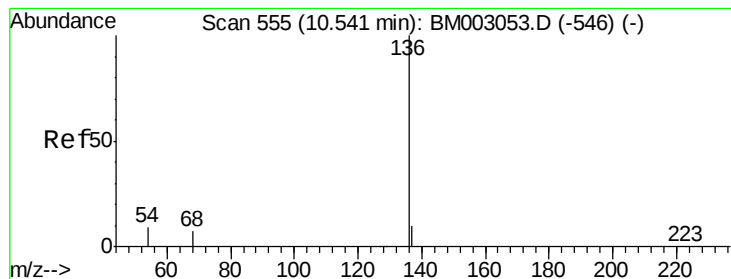


Abundance Ion 93.00 (92.70 to 93.70): BM003063.D (-282) (-)

Ion 63.00 (62.70 to 63.70): BM003063.D (-282) (-)

Ion 95.00 (94.70 to 95.70): BM003063.D (-282) (-)





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.54 min Scan# 556

Delta R.T. 0.00 min

Lab File: BM003063.D

Acq: 05 Nov 2015 14:32

Instrument :

BNA_M

ClientSampleId :

PB86422BSD

Tgt Ion:136 Resp: 360942

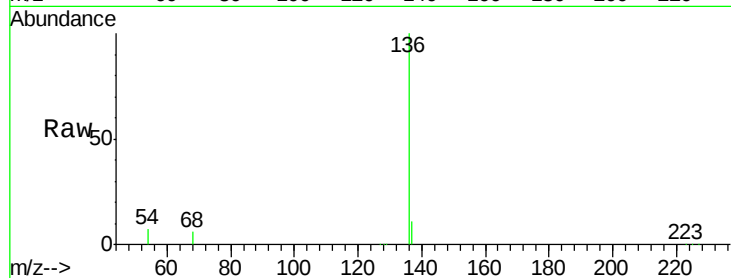
Ion Ratio Lower Upper

136 100

137 10.5 8.0 12.0

54 6.6 7.4 11.0#

68 5.5 5.8 8.6#

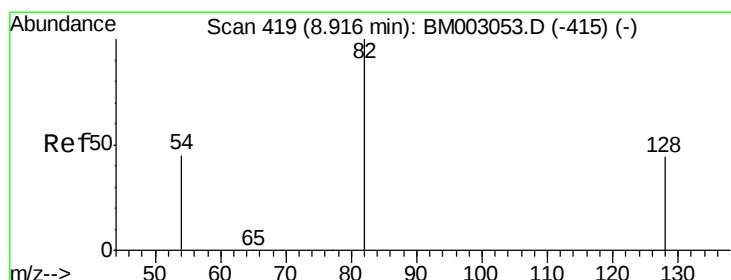
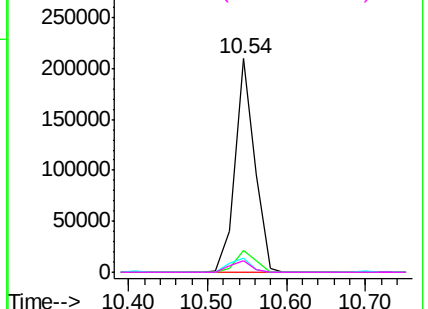
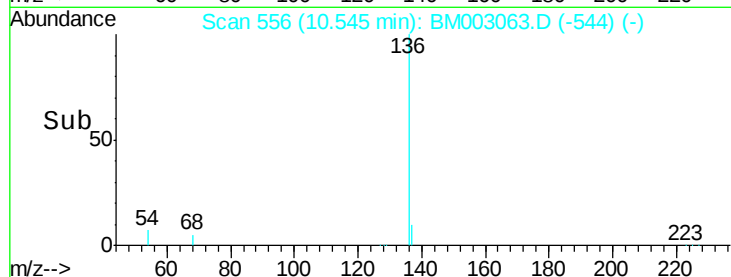


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#8

Nitrobenzene-d5

Concen: 3.69 ng

RT: 8.92 min Scan# 420

Delta R.T. 0.00 min

Lab File: BM003063.D

Acq: 05 Nov 2015 14:32

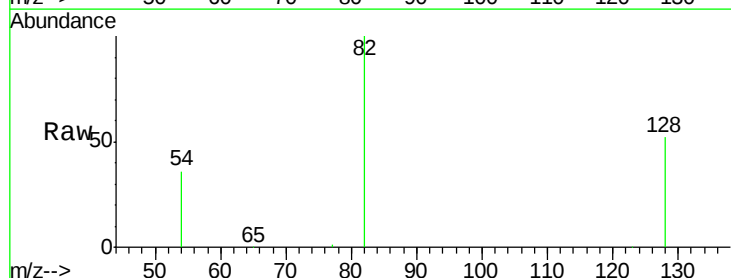
Tgt Ion: 82 Resp: 61328

Ion Ratio Lower Upper

82 100

128 51.9 35.2 52.8

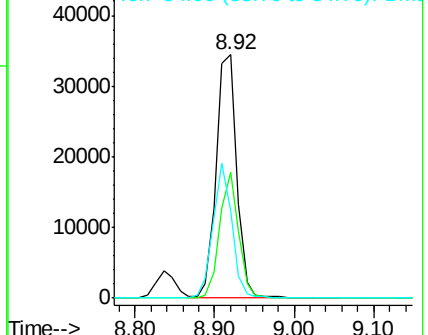
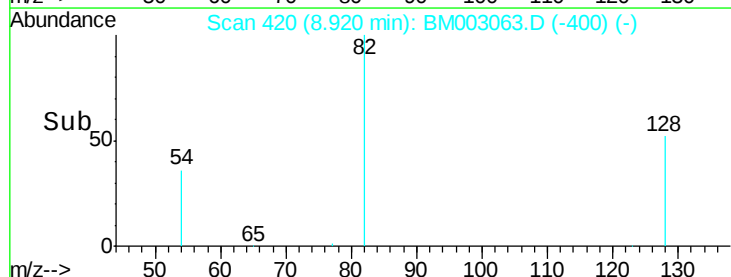
54 35.9 36.4 54.6#

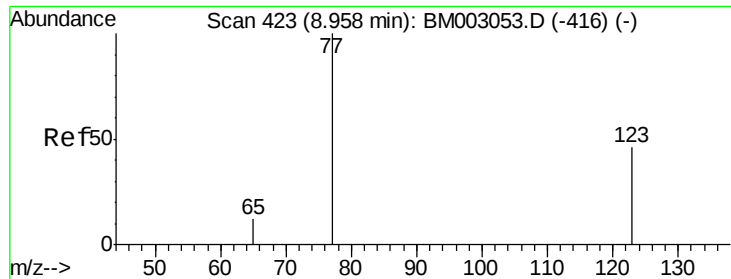


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM

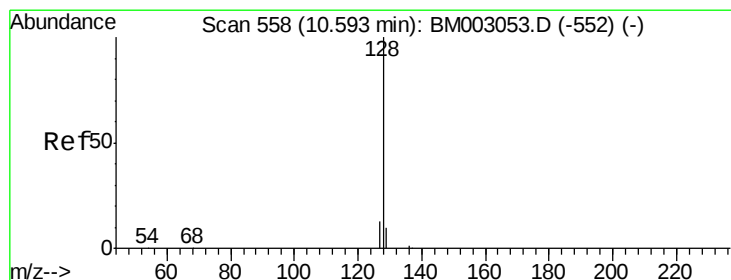
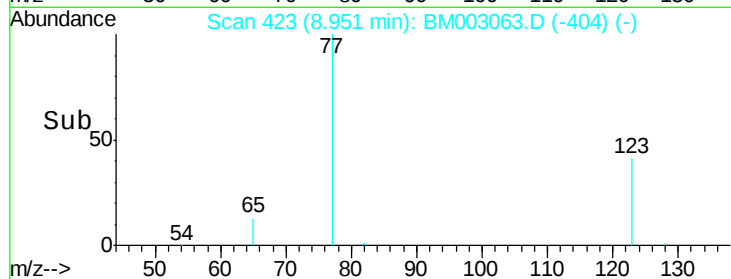
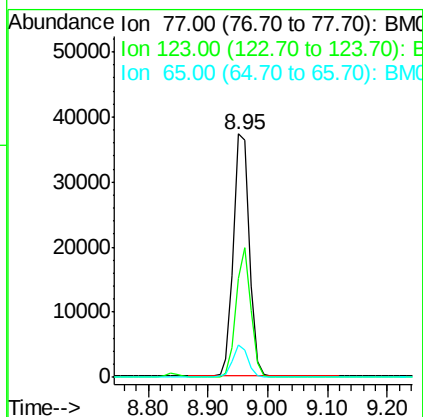
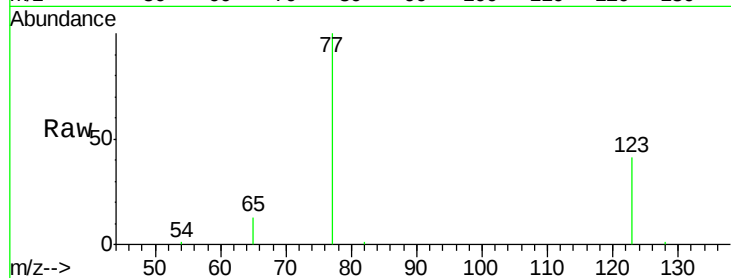




#9
Nitrobenzene
Concen: 3.76 ng
RT: 8.95 min Scan# 423
Delta R.T. -0.01 min
Lab File: BM003063.D
Acq: 05 Nov 2015 14:32

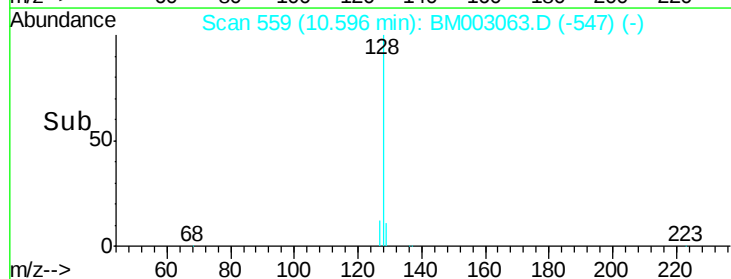
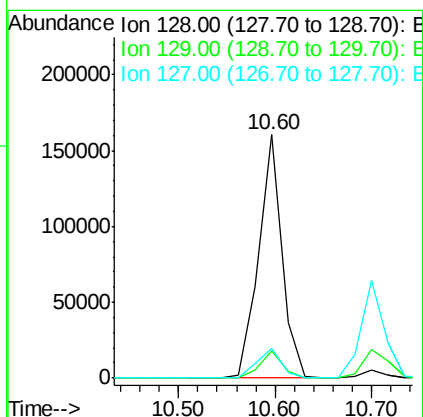
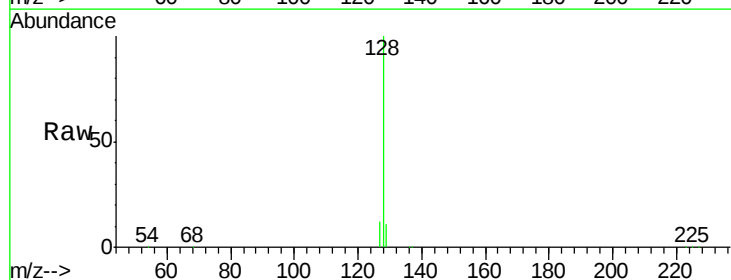
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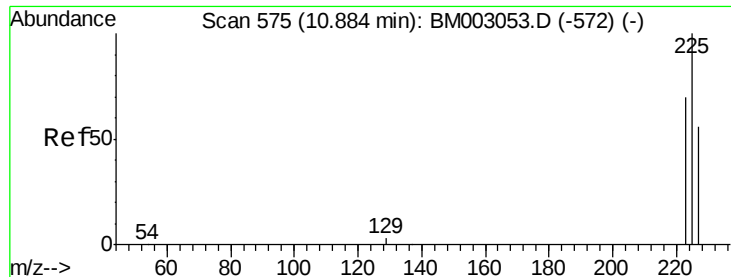
Tgt Ion: 77 Resp: 67714
Ion Ratio Lower Upper
77 100
123 49.0 37.7 56.5
65 12.4 9.8 14.6



#10
Naphthalene
Concen: 3.45 ng
RT: 10.60 min Scan# 559
Delta R.T. 0.00 min
Lab File: BM003063.D
Acq: 05 Nov 2015 14:32

Tgt Ion: 128 Resp: 267761
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 12.2 10.6 16.0

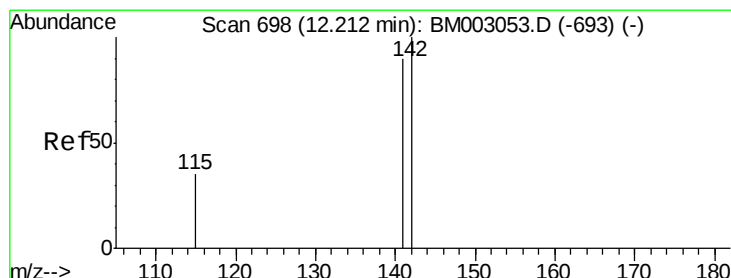
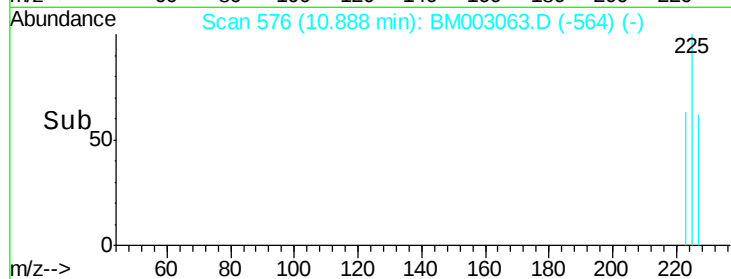
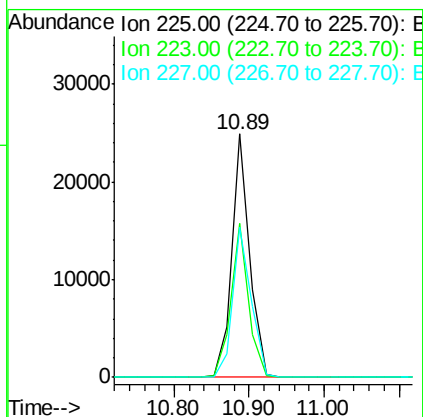
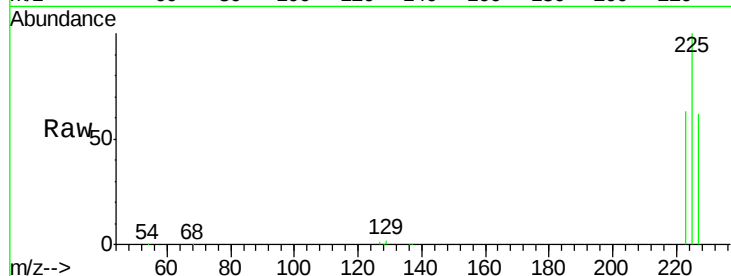




#11
Hexachlorobutadiene
Concen: 3.29 ng
RT: 10.89 min Scan# 576
Delta R.T. 0.00 min
Lab File: BM003063.D
Acq: 05 Nov 2015 14:32

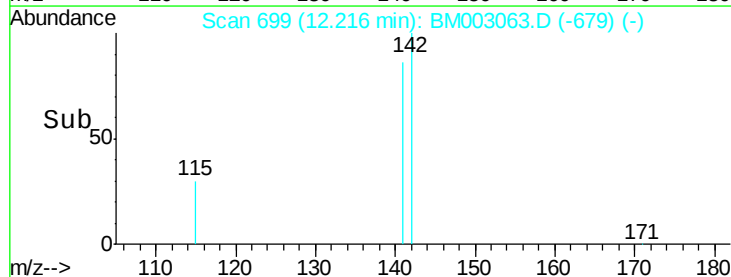
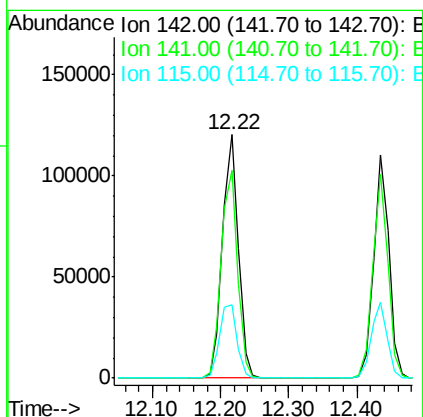
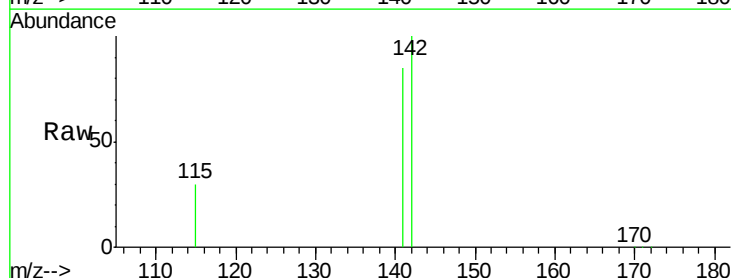
Instrument :
BNA_M
ClientSampleId :
PB86422BSD

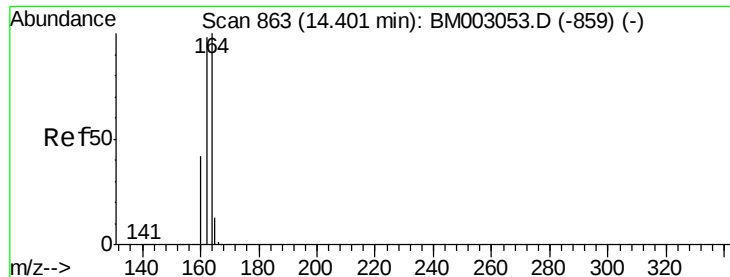
Tgt Ion: 225 Resp: 39511
Ion Ratio Lower Upper
225 100
223 63.5 53.0 79.4
227 64.4 52.2 78.4



#12
2-Methylnaphthalene
Concen: 3.83 ng
RT: 12.22 min Scan# 699
Delta R.T. 0.00 min
Lab File: BM003063.D
Acq: 05 Nov 2015 14:32

Tgt Ion: 142 Resp: 191967
Ion Ratio Lower Upper
142 100
141 85.5 72.2 108.2
115 30.3 28.0 42.0





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.39 min Scan# 863

Delta R.T. -0.01 min

Lab File: BM003063.D

Acq: 05 Nov 2015 14:32

Instrument :

BNA_M

ClientSampleId :

PB86422BSD

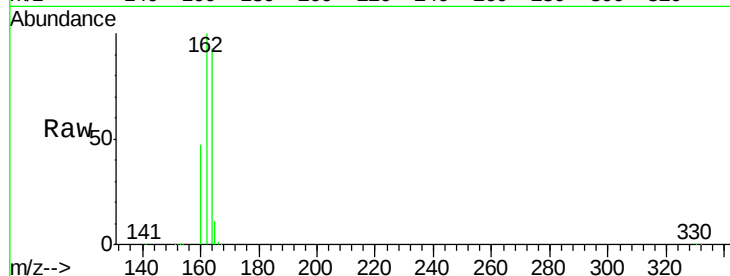
Tgt Ion:164 Resp: 201316

Ion Ratio Lower Upper

164 100

162 107.1 78.3 117.5

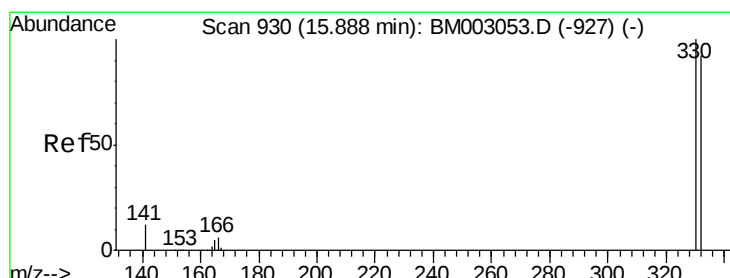
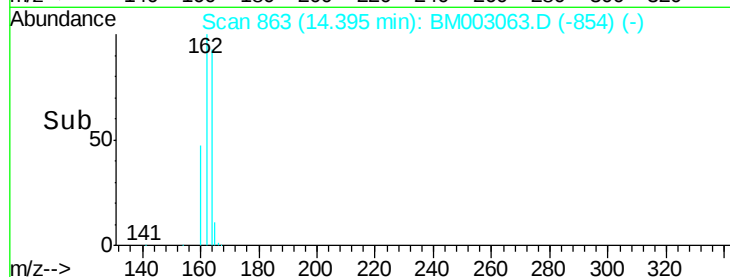
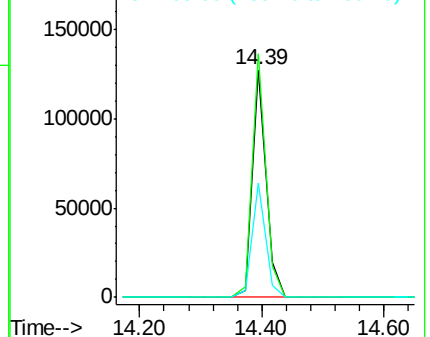
160 50.3 33.8 50.6



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



#14

2,4,6-Tribromophenol

Concen: 9.55 ng

RT: 15.88 min Scan# 930

Delta R.T. -0.01 min

Lab File: BM003063.D

Acq: 05 Nov 2015 14:32

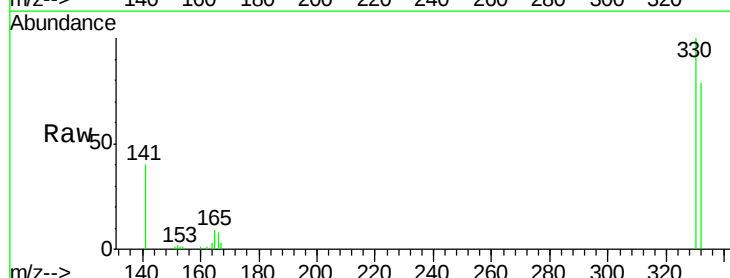
Tgt Ion:330 Resp: 49803

Ion Ratio Lower Upper

330 100

332 94.2 76.0 114.0

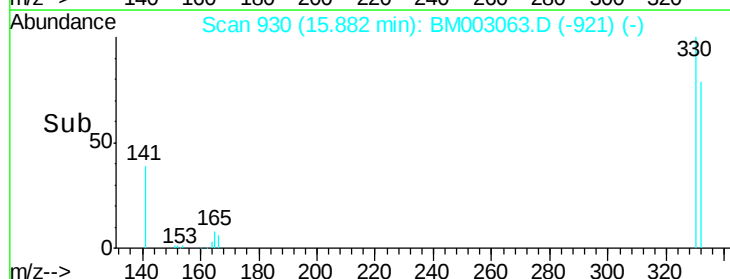
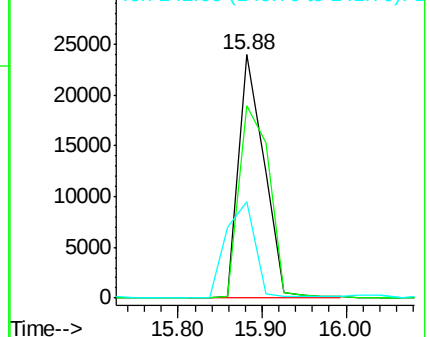
141 45.3 0.0 0.0#

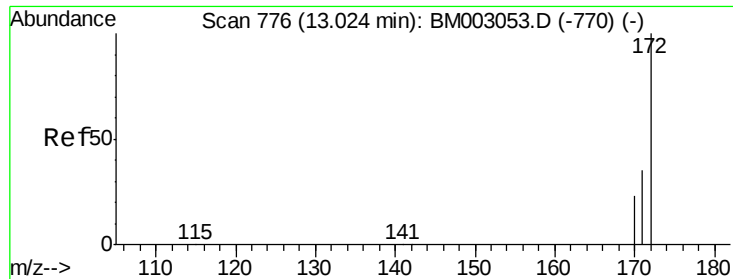


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

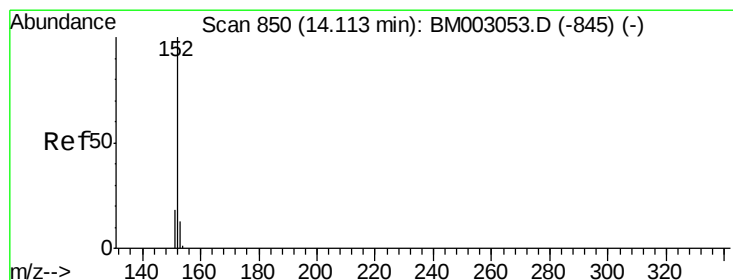
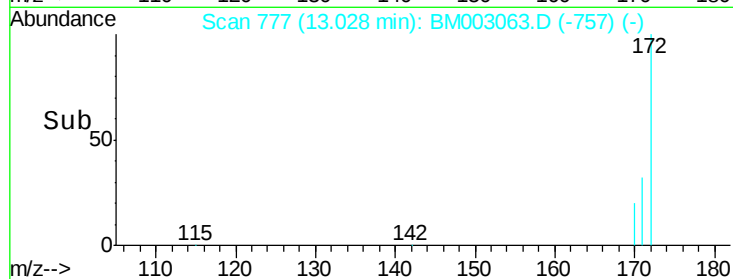
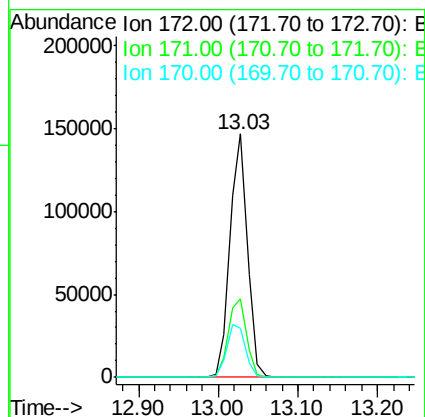
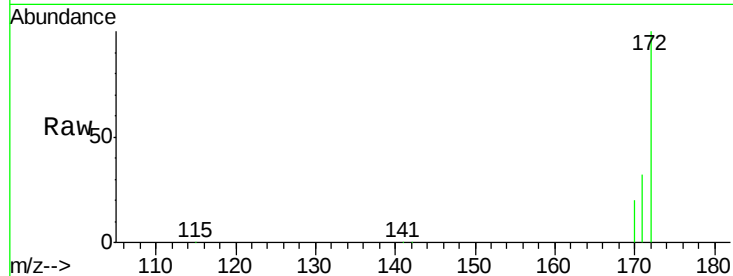




#15
2-Fluorobiphenyl
Concen: 3.50 ng
RT: 13.03 min Scan# 777
Delta R.T. 0.00 min
Lab File: BM003063.D
Acq: 05 Nov 2015 14:32

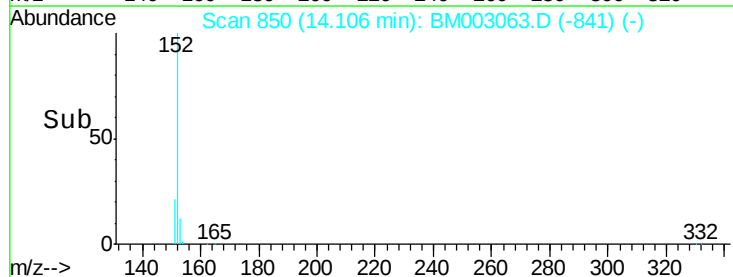
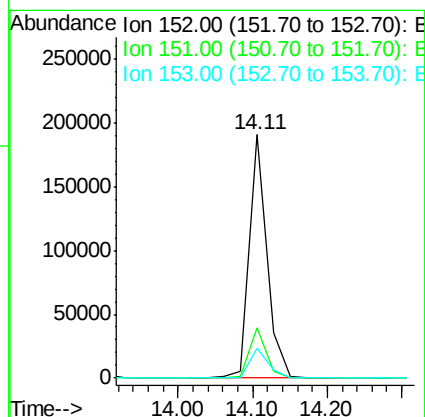
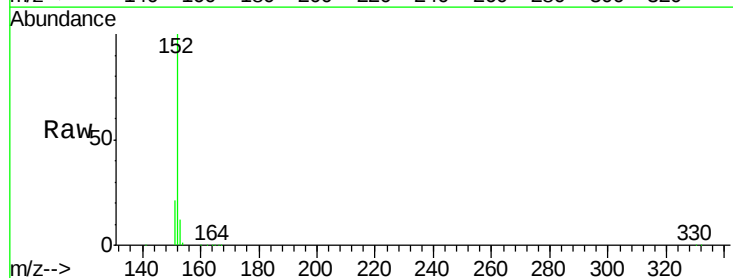
Instrument :
BNA_M
ClientSampleId :
PB86422BSD

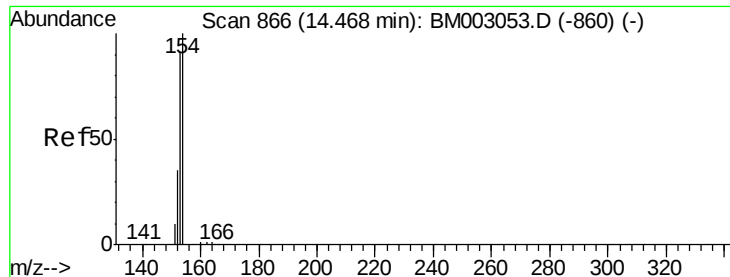
Tgt Ion:172 Resp: 222316
Ion Ratio Lower Upper
172 100
171 32.0 28.0 42.0
170 19.9 18.9 28.3



#16
Acenaphthylene
Concen: 4.00 ng
RT: 14.11 min Scan# 850
Delta R.T. -0.01 min
Lab File: BM003063.D
Acq: 05 Nov 2015 14:32

Tgt Ion:152 Resp: 313465
Ion Ratio Lower Upper
152 100
151 19.6 15.2 22.8
153 12.7 10.4 15.6





#17

Acenaphthene

Concen: 3.85 ng

RT: 14.46 min Scan# 866

Delta R.T. -0.01 min

Lab File: BM003063.D

Acq: 05 Nov 2015 14:32

Instrument :

BNA_M

ClientSampleId :

PB86422BSD

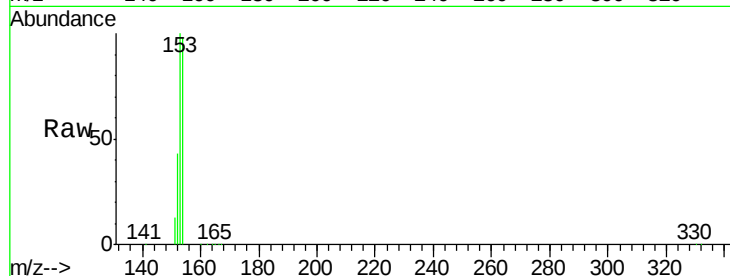
Tgt Ion:154 Resp: 207647

Ion Ratio Lower Upper

154 100

153 100.9 0.0 0.0#

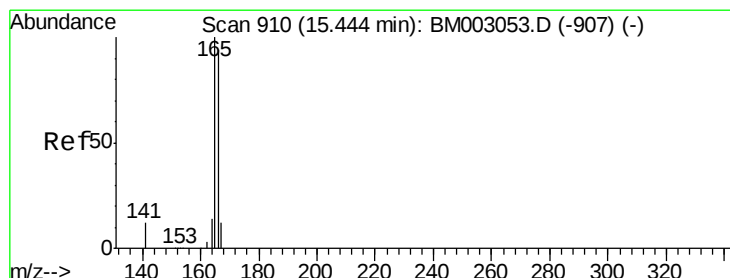
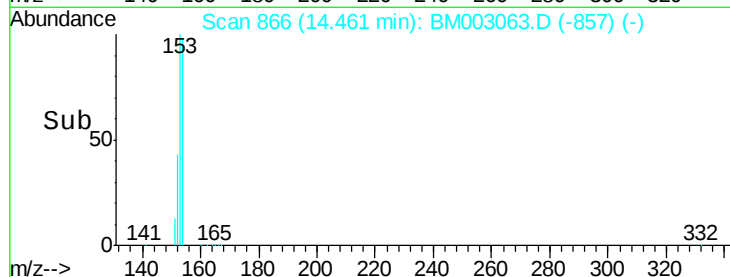
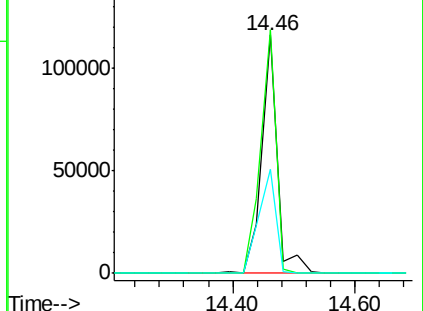
152 48.2 0.0 0.0#



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



#18

Fluorene

Concen: 3.91 ng

RT: 15.46 min Scan# 911

Delta R.T. 0.02 min

Lab File: BM003063.D

Acq: 05 Nov 2015 14:32

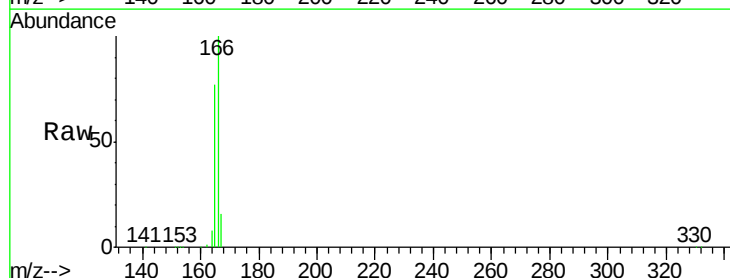
Tgt Ion:166 Resp: 224584

Ion Ratio Lower Upper

166 100

165 0.0 80.8 121.2#

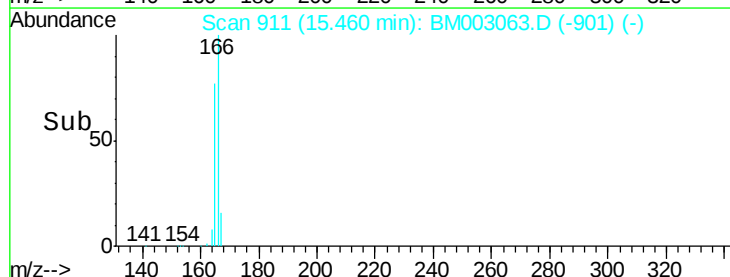
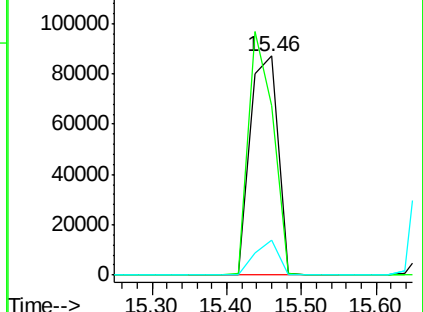
167 13.5 10.5 15.7

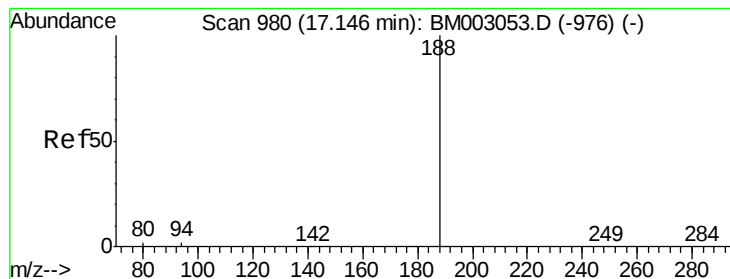


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.14 min Scan# 980

Delta R.T. -0.01 min

Lab File: BM003063.D

Acq: 05 Nov 2015 14:32

Instrument :

BNA_M

ClientSampleId :

PB86422BSD

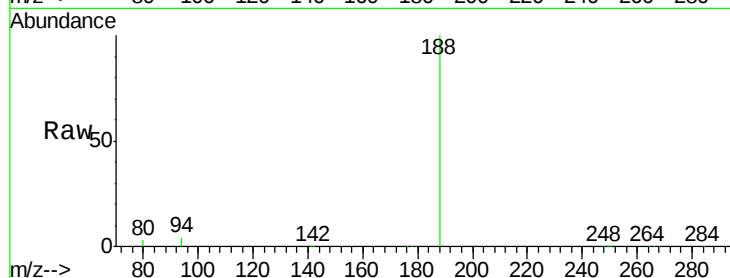
Tgt Ion:188 Resp: 482061

Ion Ratio Lower Upper

188 100

94 4.2 1.8 2.6#

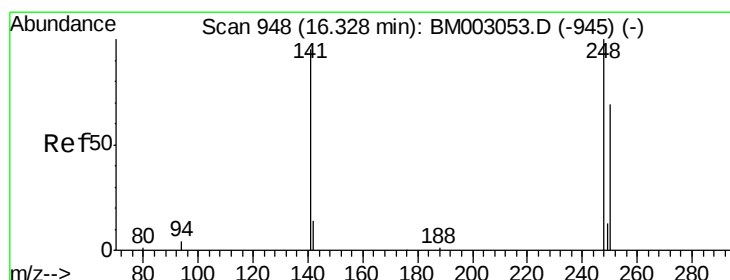
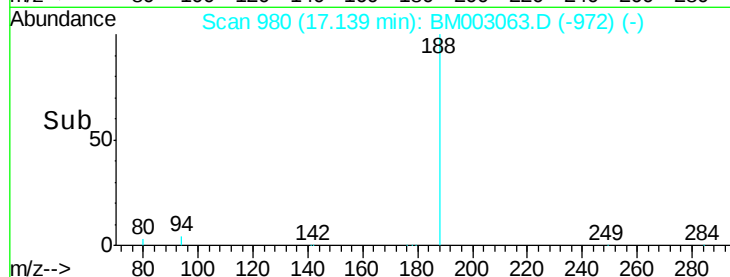
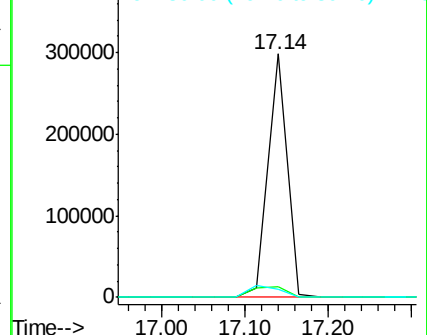
80 3.5 1.4 2.0#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#20

4-Bromophenyl-phenylether

Concen: 3.59 ng

RT: 16.32 min Scan# 948

Delta R.T. -0.01 min

Lab File: BM003063.D

Acq: 05 Nov 2015 14:32

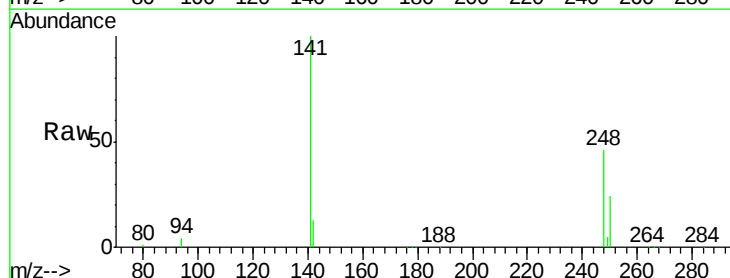
Tgt Ion:248 Resp: 53449

Ion Ratio Lower Upper

248 100

250 0.0 65.4 98.0#

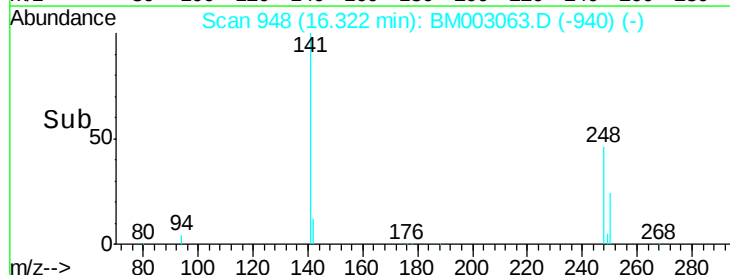
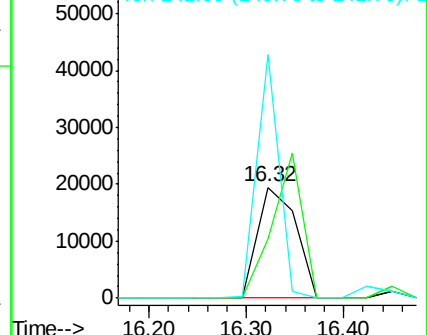
141 127.1 72.8 109.2#

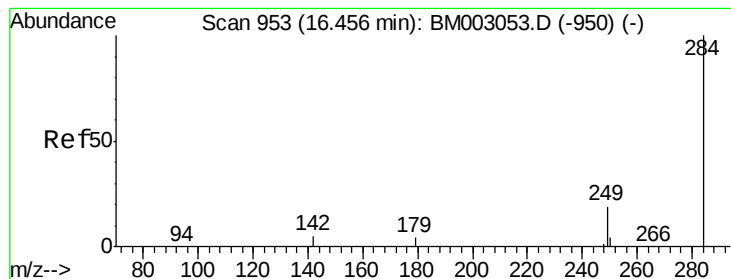


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 3.75 ng

RT: 16.45 min Scan# 953

Delta R.T. -0.01 min

Lab File: BM003063.D

Acq: 05 Nov 2015 14:32

Instrument :

BNA_M

ClientSampleId :

PB86422BSD

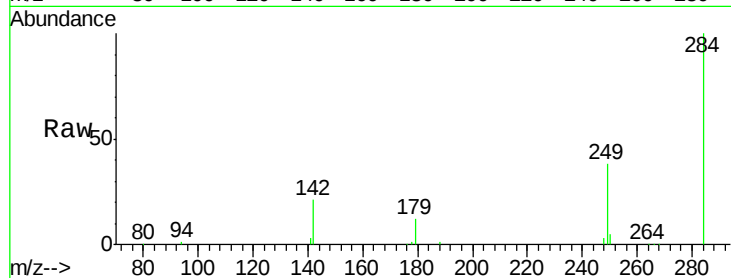
Tgt Ion:284 Resp: 76650

Ion Ratio Lower Upper

284 100

142 36.0 0.0 0.0#

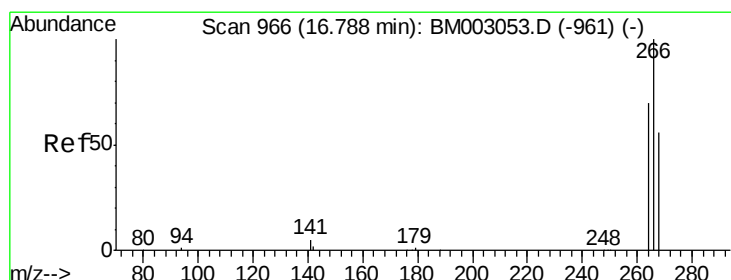
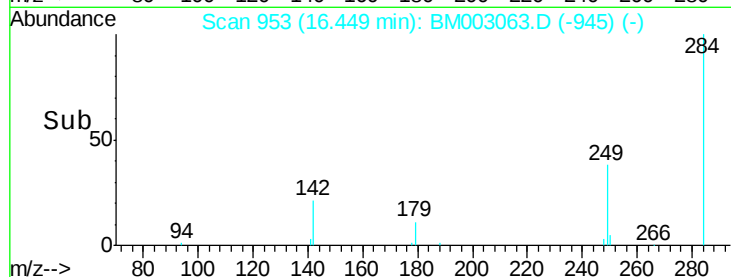
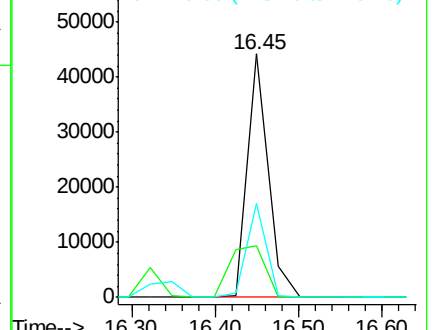
249 35.6 19.4 29.2#



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



#22

Pentachlorophenol

Concen: 7.70 ng

RT: 16.78 min Scan# 966

Delta R.T. -0.01 min

Lab File: BM003063.D

Acq: 05 Nov 2015 14:32

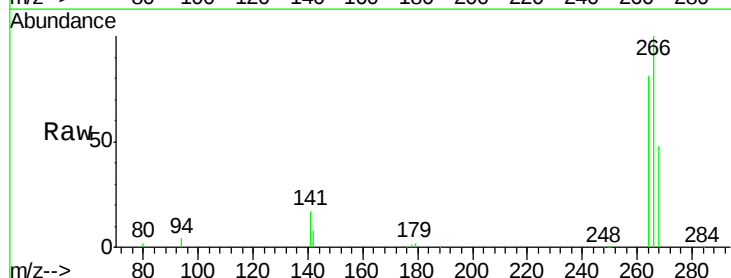
Tgt Ion:266 Resp: 58039

Ion Ratio Lower Upper

266 100

268 47.9 45.8 68.8

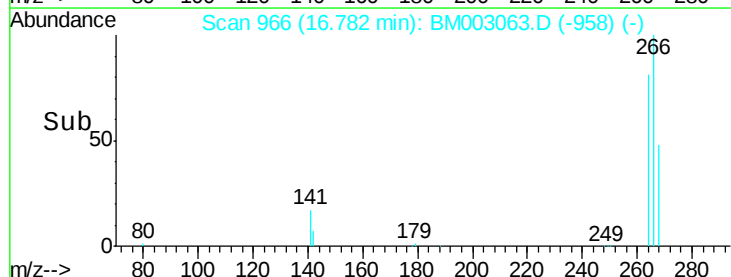
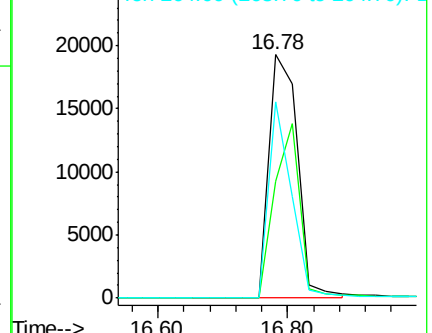
264 80.8 56.7 85.1

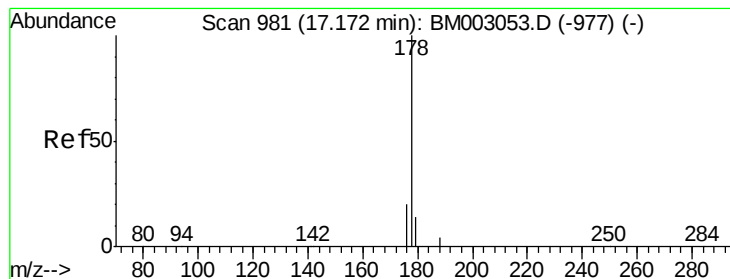


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#23

Phenanthrene

Concen: 3.90 ng

RT: 17.16 min Scan# 981

Delta R.T. -0.01 min

Lab File: BM003063.D

Acq: 05 Nov 2015 14:32

Instrument :

BNA_M

ClientSampleId :

PB86422BSD

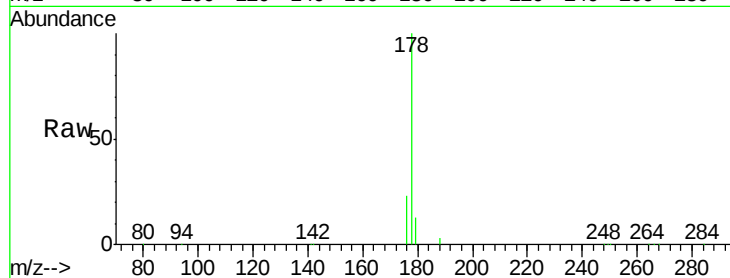
Tgt Ion:178 Resp: 343391

Ion Ratio Lower Upper

178 100

176 19.9 15.9 23.9

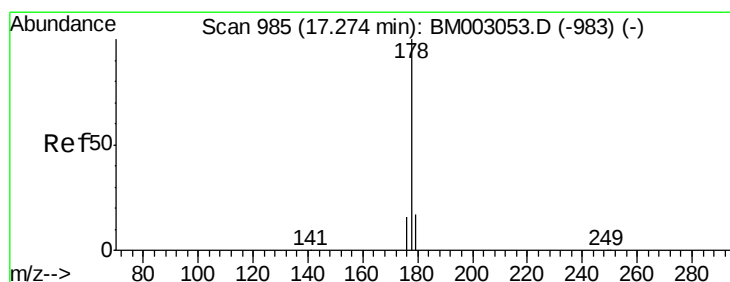
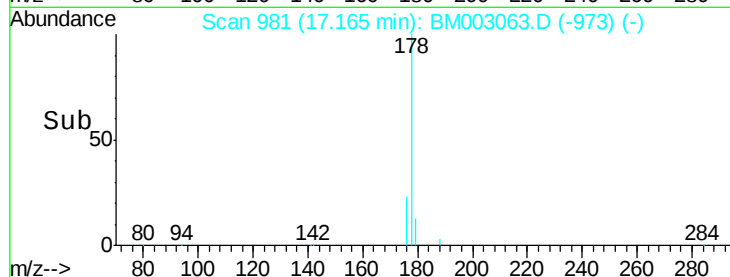
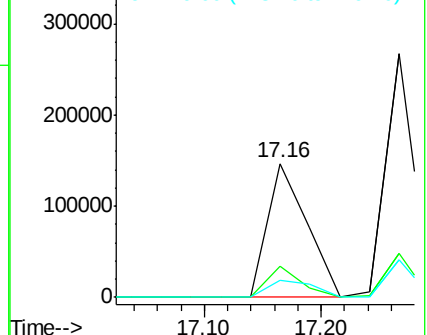
179 15.1 11.7 17.5



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



#24

Anthracene

Concen: 4.27 ng

RT: 17.27 min Scan# 985

Delta R.T. -0.01 min

Lab File: BM003063.D

Acq: 05 Nov 2015 14:32

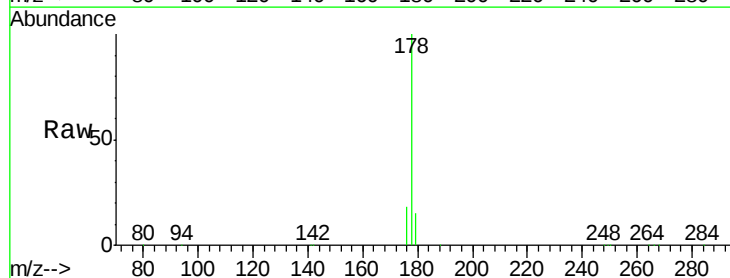
Tgt Ion:178 Resp: 436032

Ion Ratio Lower Upper

178 100

176 18.1 14.1 21.1

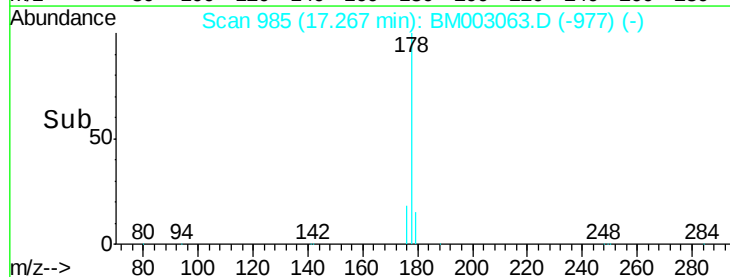
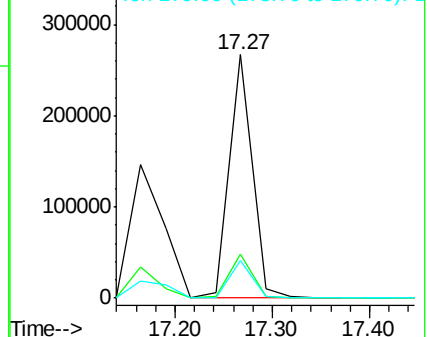
179 15.3 12.8 19.2

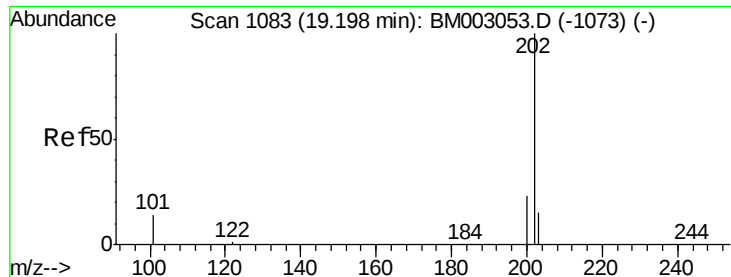


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 4.34 ng

RT: 19.21 min Scan# 1084

Delta R.T. 0.01 min

Lab File: BM003063.D

Acq: 05 Nov 2015 14:32

Instrument :

BNA_M

ClientSampleId :

PB86422BSD

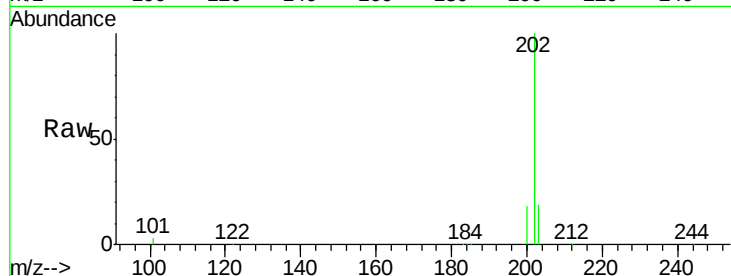
Tgt Ion: 202 Resp: 417468

Ion Ratio Lower Upper

202 100

101 12.5 9.9 14.9

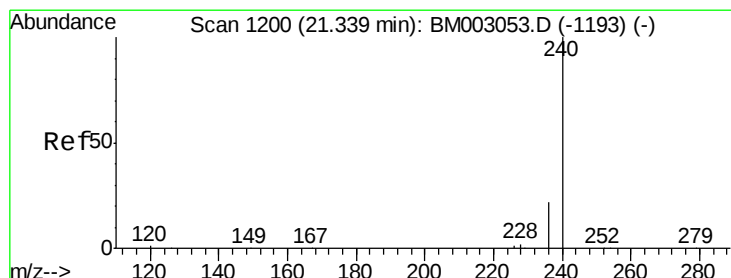
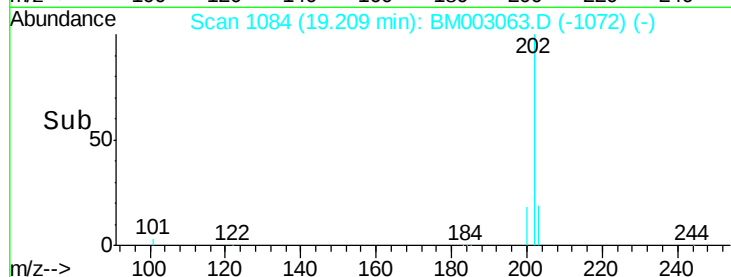
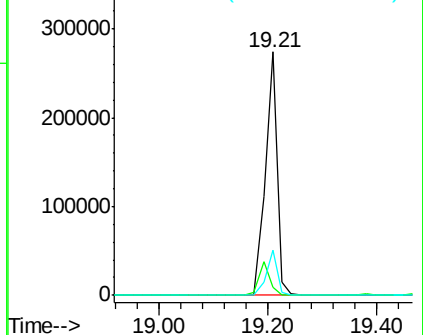
203 17.6 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.33 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BM003063.D

Acq: 05 Nov 2015 14:32

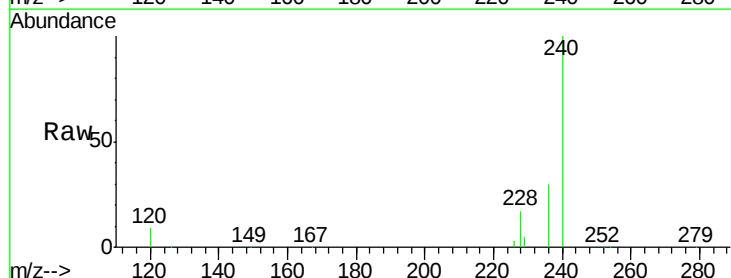
Tgt Ion: 240 Resp: 384880

Ion Ratio Lower Upper

240 100

120 9.5 1.0 1.4#

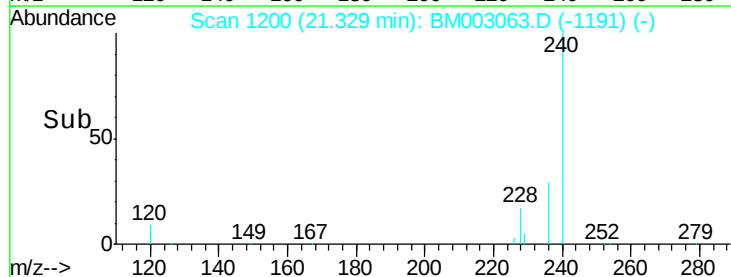
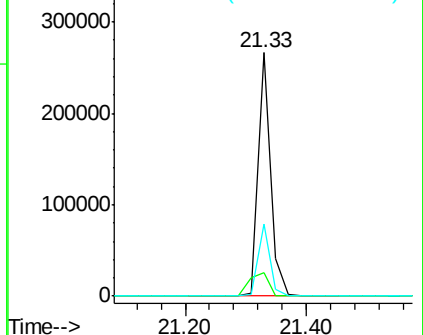
236 29.5 17.9 26.9#

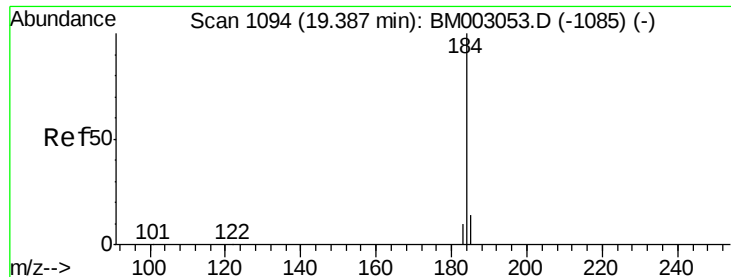


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 8.31 ng

RT: 19.38 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BM003063.D

Acq: 05 Nov 2015 14:32

Instrument :

BNA_M

ClientSampleId :

PB86422BSD

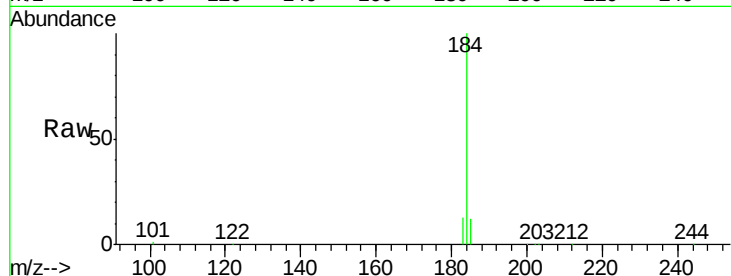
Tgt Ion:184 Resp: 345593

Ion Ratio Lower Upper

184 100

185 11.8 11.6 17.4

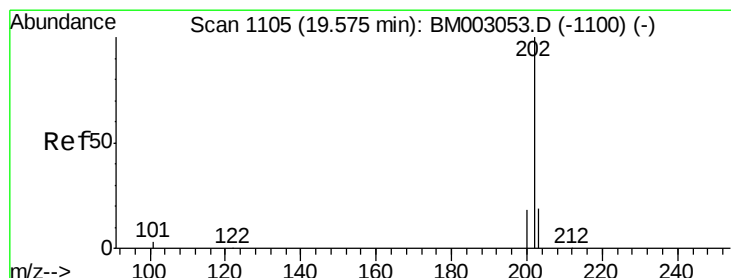
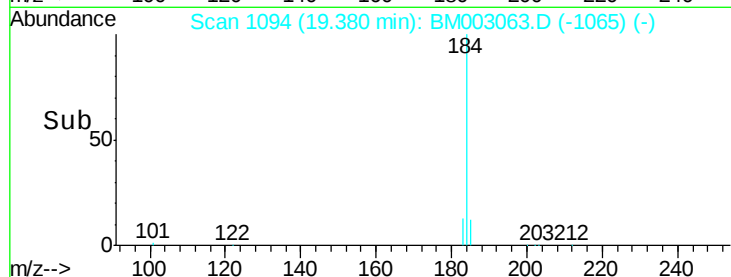
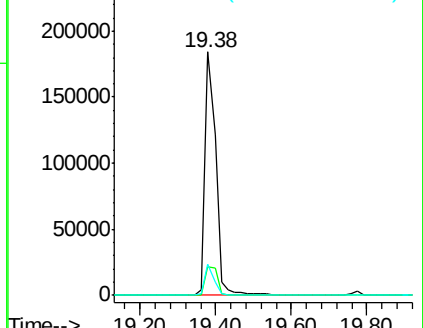
183 12.9 8.6 13.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#28

Pyrene

Concen: 4.19 ng

RT: 19.57 min Scan# 1105

Delta R.T. -0.01 min

Lab File: BM003063.D

Acq: 05 Nov 2015 14:32

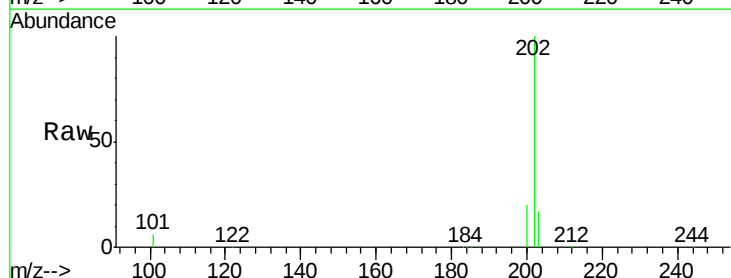
Tgt Ion:202 Resp: 468407

Ion Ratio Lower Upper

202 100

200 20.5 16.7 25.1

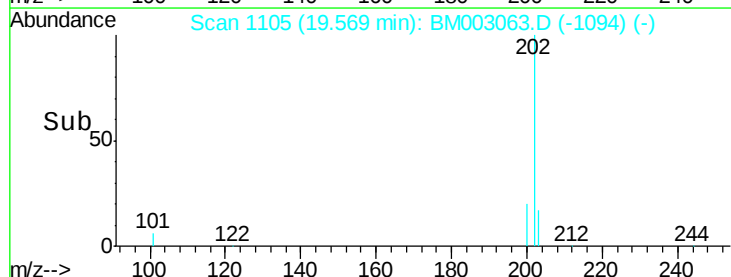
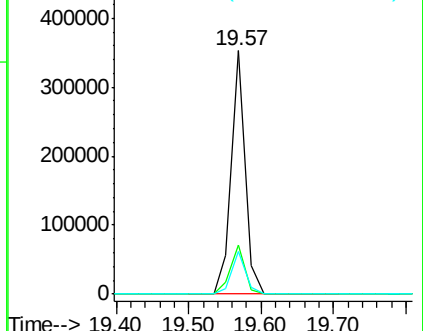
203 17.8 13.8 20.6

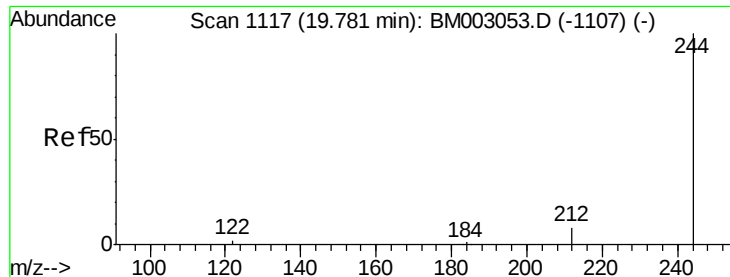


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 3.80 ng

RT: 19.77 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BM003063.D

Acq: 05 Nov 2015 14:32

Instrument :

BNA_M

ClientSampleId :

PB86422BSD

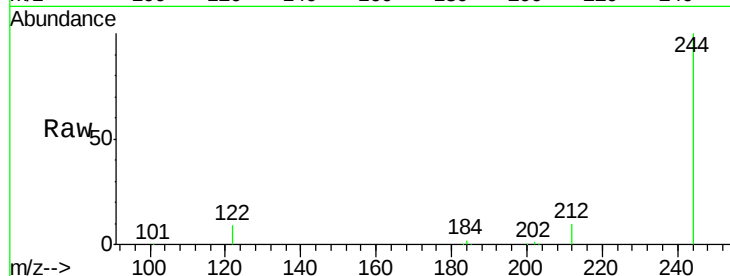
Tgt Ion:244 Resp: 210768

Ion Ratio Lower Upper

244 100

212 9.7 6.5 9.7#

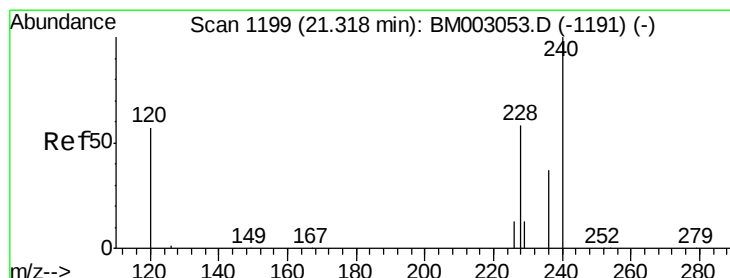
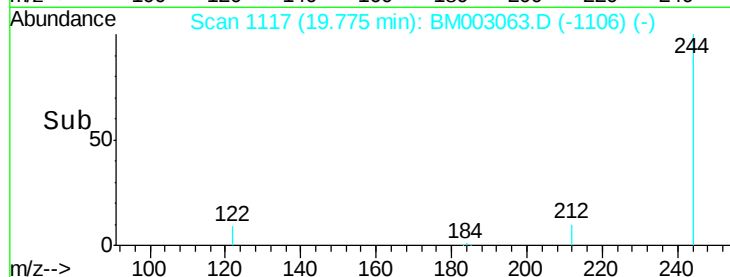
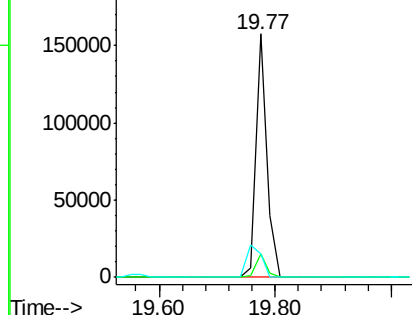
122 9.4 2.0 3.0#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 3.04 ng

RT: 21.37 min Scan# 1202

Delta R.T. 0.05 min

Lab File: BM003063.D

Acq: 05 Nov 2015 14:32

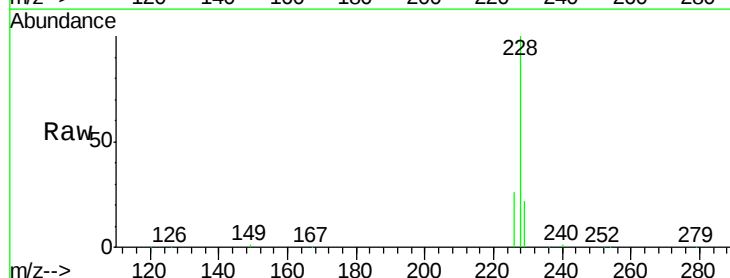
Tgt Ion:228 Resp: 300833

Ion Ratio Lower Upper

228 100

226 25.7 17.8 26.6

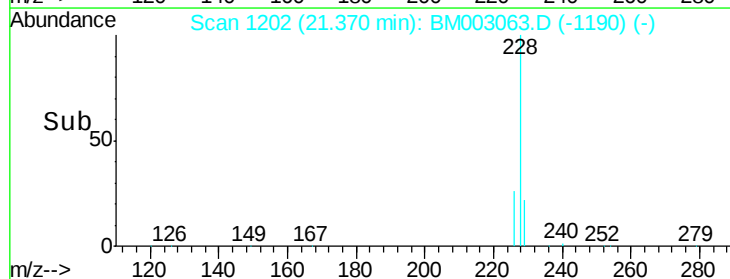
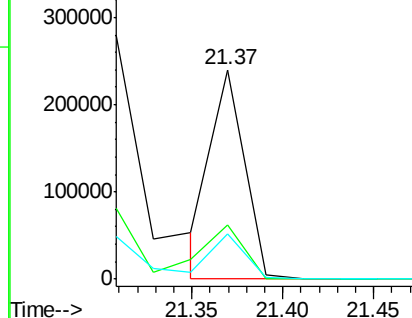
229 21.8 18.0 27.0

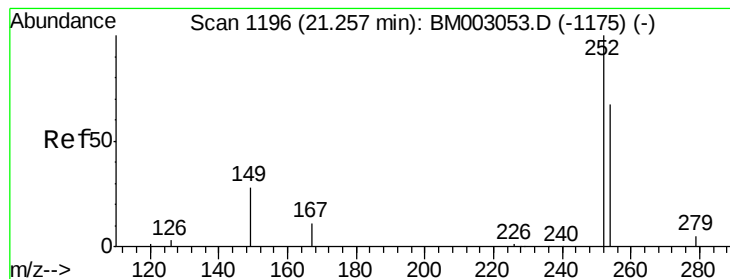


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

3,3'-Dichlorobenzidine

Concen: 3.50 ng

RT: 21.25 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BM003063.D

Acq: 05 Nov 2015 14:32

Instrument :

BNA_M

ClientSampleId :

PB86422BSD

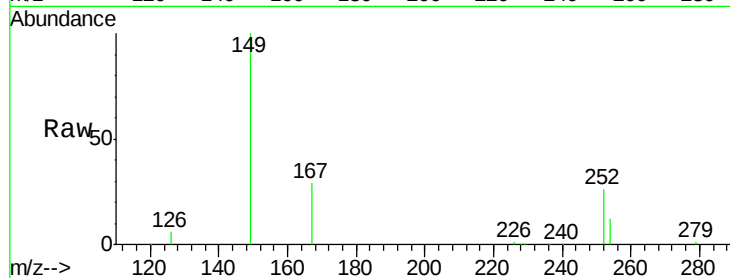
Tgt Ion:252 Resp: 101902

Ion Ratio Lower Upper

252 100

254 48.1 53.7 80.5#

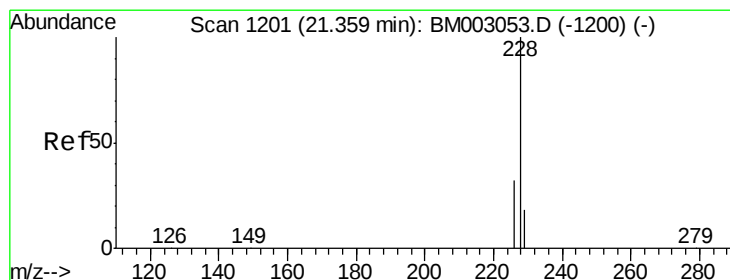
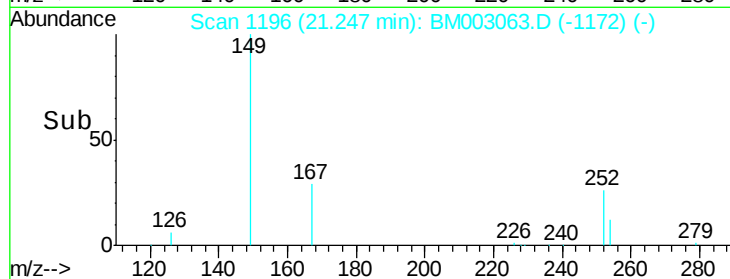
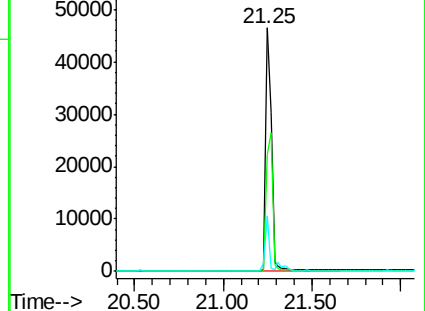
126 22.6 2.8 4.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#32

Chrysene

Concen: 5.27 ng

RT: 21.31 min Scan# 1199

Delta R.T. -0.05 min

Lab File: BM003063.D

Acq: 05 Nov 2015 14:32

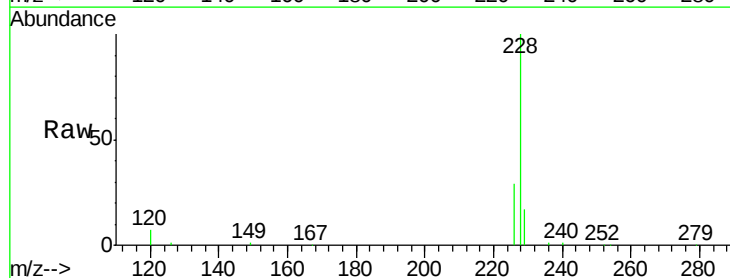
Tgt Ion:228 Resp: 468723

Ion Ratio Lower Upper

228 100

226 29.3 25.5 38.3

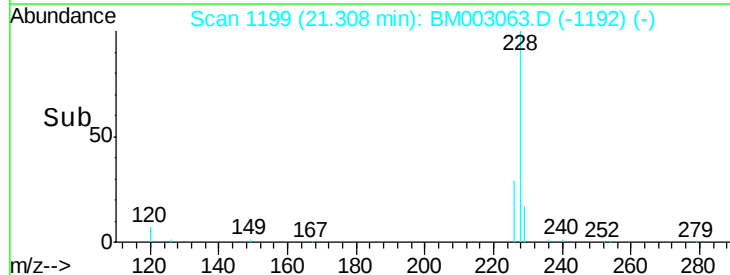
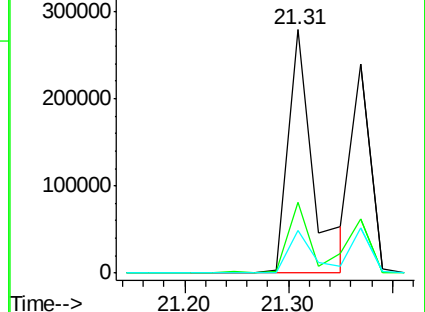
229 17.5 14.3 21.5

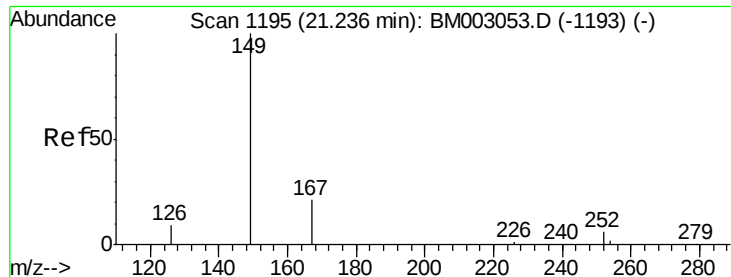


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Bis(2-ethylhexyl)phthalate

Concen: 4.64 ng

RT: 21.25 min Scan# 1196

Delta R.T. 0.01 min

Lab File: BM003063.D

Acq: 05 Nov 2015 14:32

Instrument :

BNA_M

ClientSampleId :

PB86422BSD

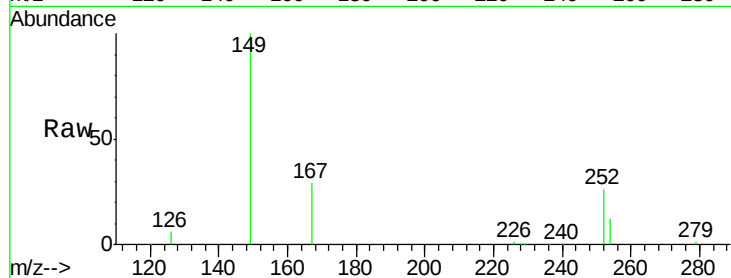
Tgt Ion:149 Resp: 239351

Ion Ratio Lower Upper

149 100

167 28.2 19.6 29.4

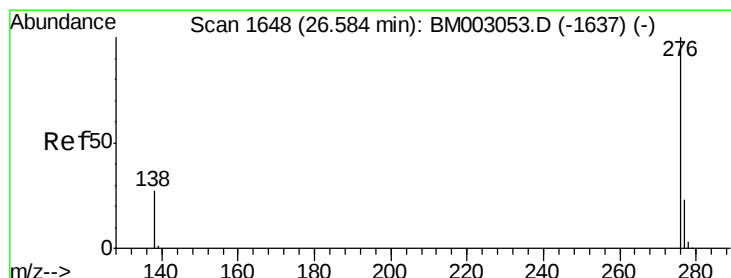
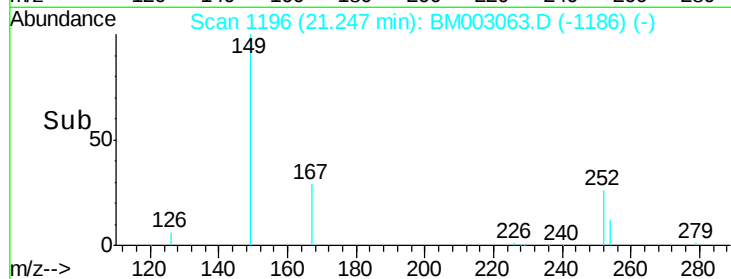
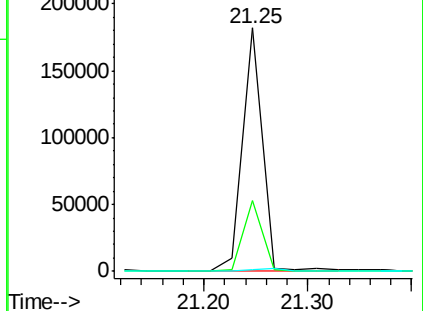
279 0.0 0.0 0.0



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



#34

Indeno(1,2,3-cd)pyrene

Concen: 2.89 ng

RT: 26.58 min Scan# 1648

Delta R.T. 0.00 min

Lab File: BM003063.D

Acq: 05 Nov 2015 14:32

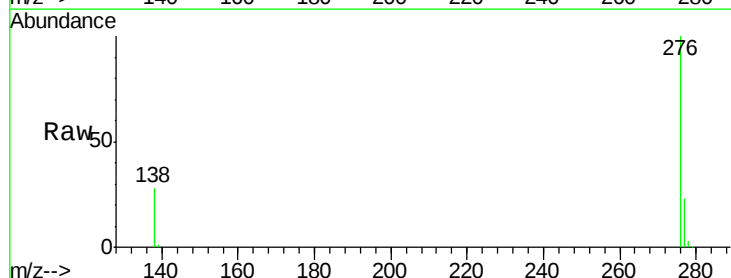
Tgt Ion:276 Resp: 237548

Ion Ratio Lower Upper

276 100

138 27.9 22.6 33.8

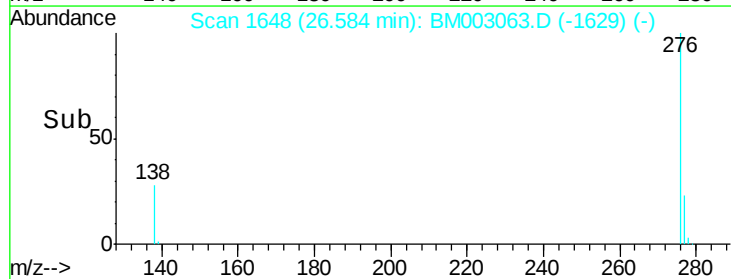
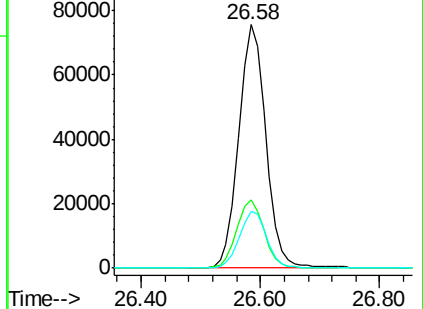
277 23.4 18.7 28.1

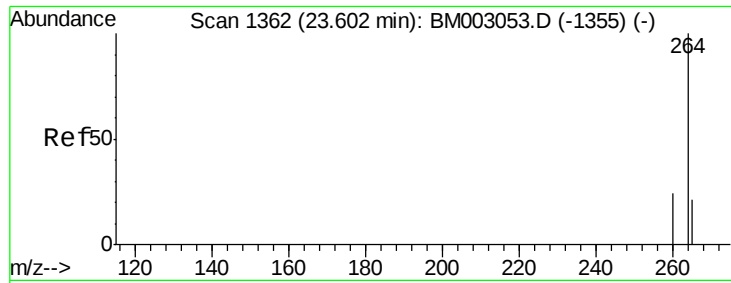


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

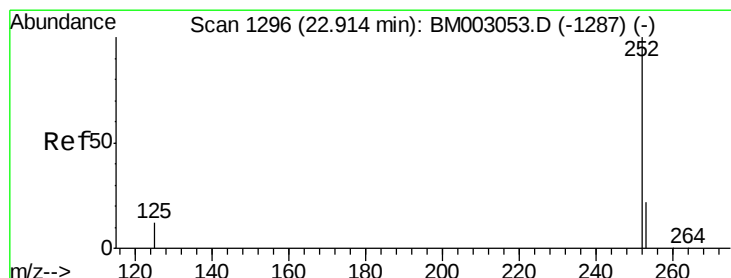
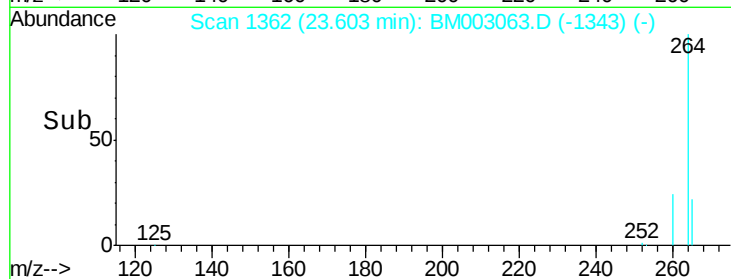
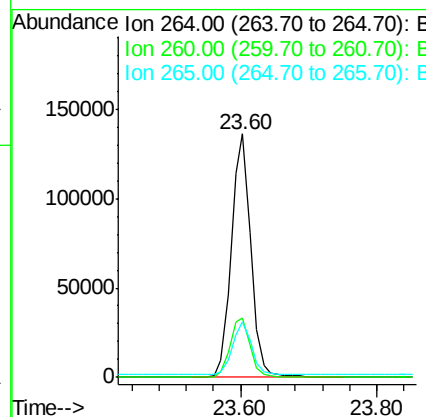
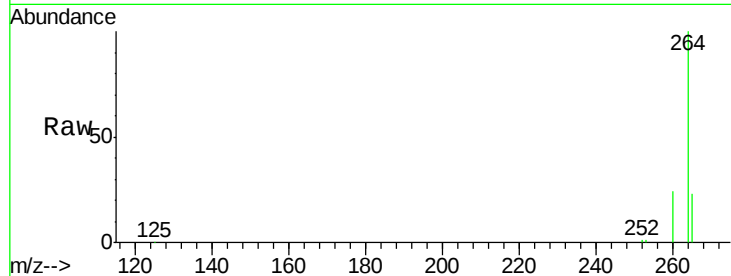




#35
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.60 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: BM003063.D
 Acq: 05 Nov 2015 14:32

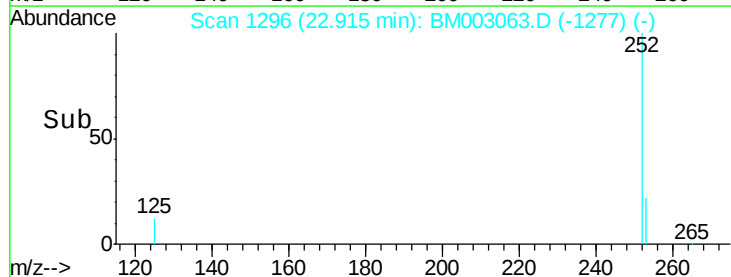
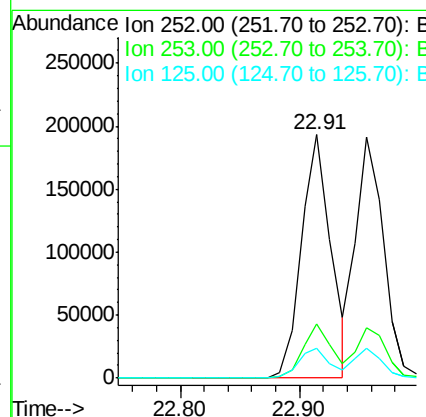
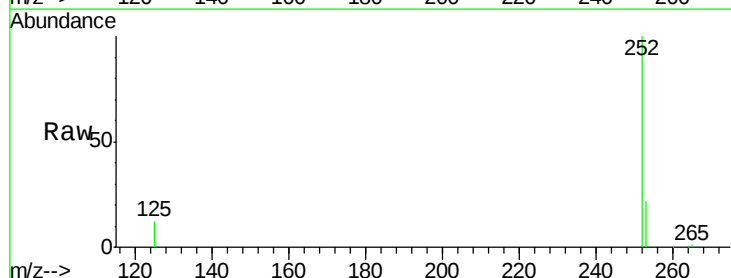
Instrument :
 BNA_M
 ClientSampleId :
 PB86422BSD

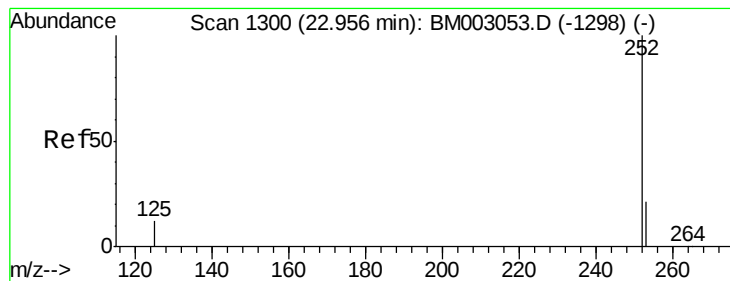
Tgt Ion: 264 Resp: 268344
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.6 29.4
 265 22.8 18.4 27.6



#36
 Benzo(b)fluoranthene
 Concen: 4.17 ng
 RT: 22.91 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: BM003063.D
 Acq: 05 Nov 2015 14:32

Tgt Ion: 252 Resp: 330820
 Ion Ratio Lower Upper
 252 100
 253 22.1 18.2 27.4
 125 12.0 10.3 15.5





#37

Benzo(k)fluoranthene

Concen: 4.40 ng

RT: 22.96 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BM003063.D

Acq: 05 Nov 2015 14:32

Instrument :

BNA_M

ClientSampleId :

PB86422BSD

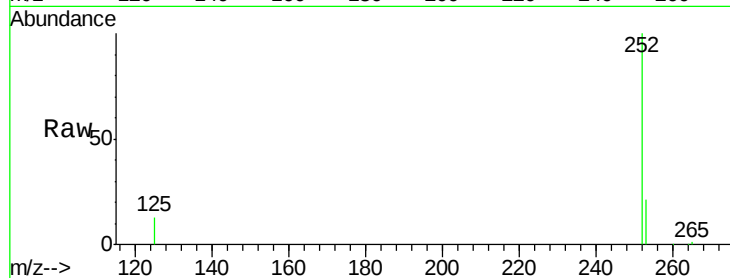
Tgt Ion:252 Resp: 313160

Ion Ratio Lower Upper

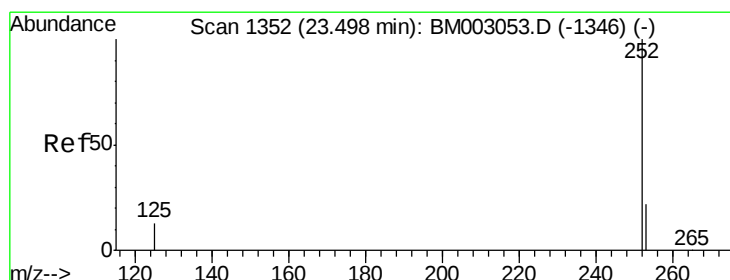
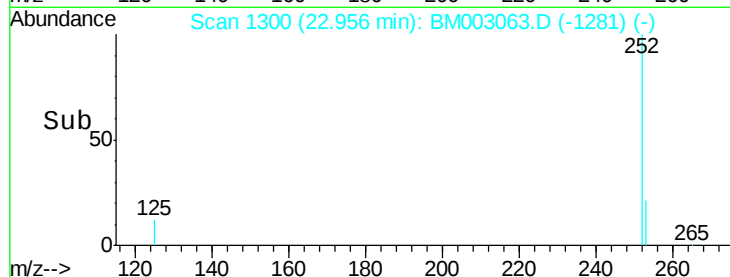
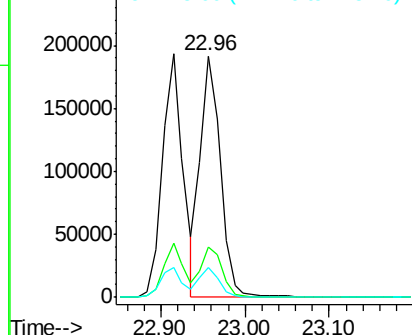
252 100

253 21.0 17.5 26.3

125 12.5 10.7 16.1



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



#38

Benzo(a)pyrene

Concen: 4.07 ng

RT: 23.50 min Scan# 1352

Delta R.T. 0.00 min

Lab File: BM003063.D

Acq: 05 Nov 2015 14:32

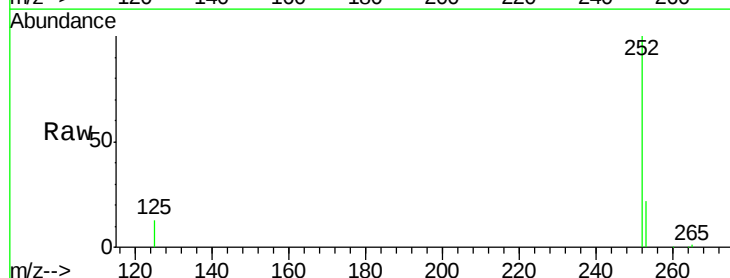
Tgt Ion:252 Resp: 280482

Ion Ratio Lower Upper

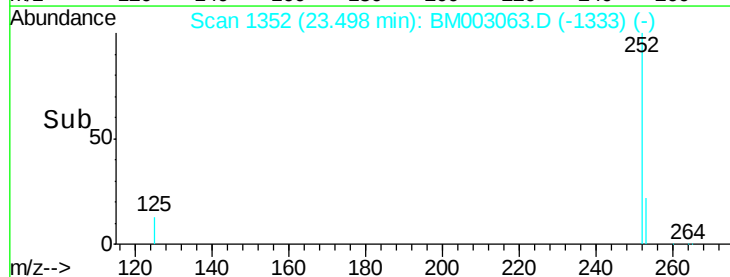
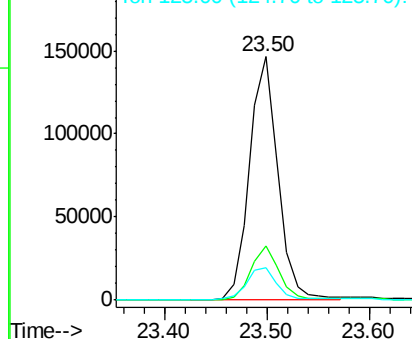
252 100

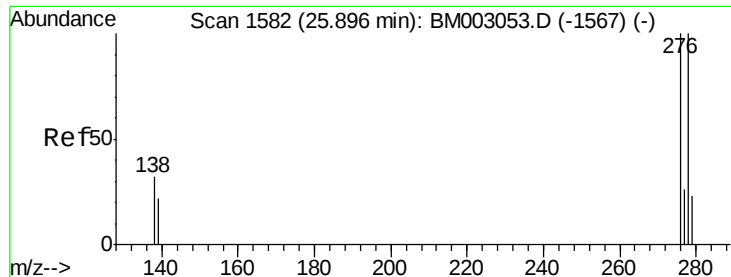
253 22.1 18.7 28.1

125 13.4 11.6 17.4



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





#39

Dibenzo(a,h)anthracene

Concen: 3.45 ng

RT: 25.90 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BM003063.D

Acq: 05 Nov 2015 14:32

Instrument :

BNA_M

ClientSampleId :

PB86422BSD

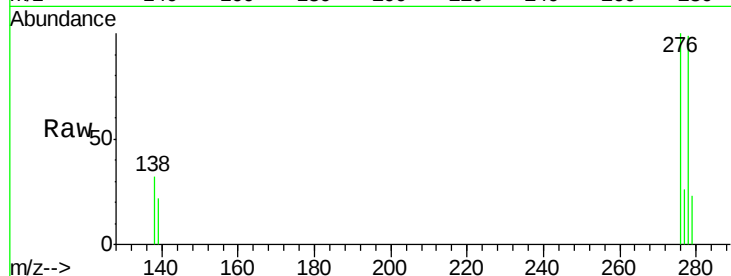
Tgt Ion:278 Resp: 231031

Ion Ratio Lower Upper

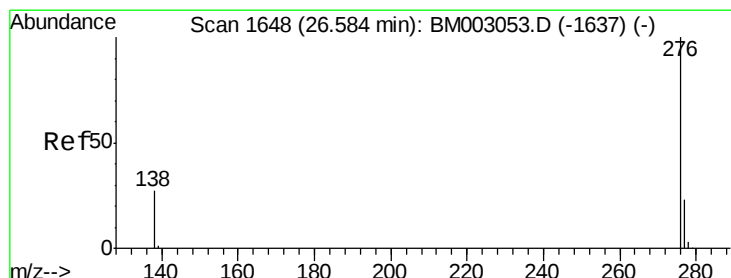
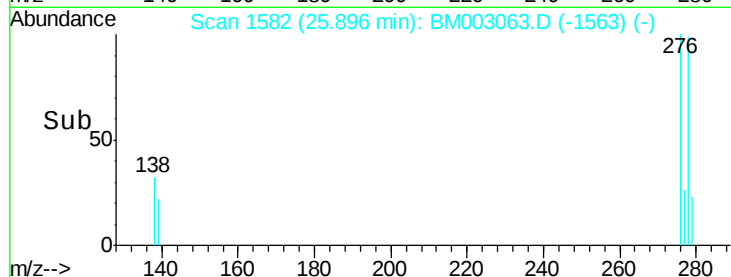
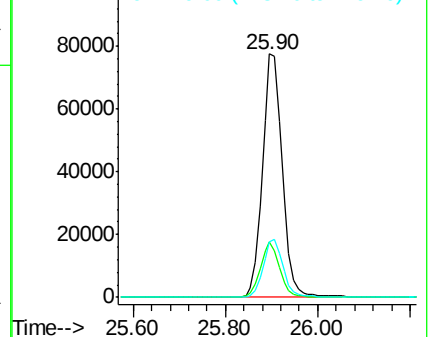
278 100

139 22.5 18.2 27.4

279 23.0 18.8 28.2



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



#40

Benzo(g,h,i)perylene

Concen: 3.28 ng

RT: 26.58 min Scan# 1648

Delta R.T. 0.00 min

Lab File: BM003063.D

Acq: 05 Nov 2015 14:32

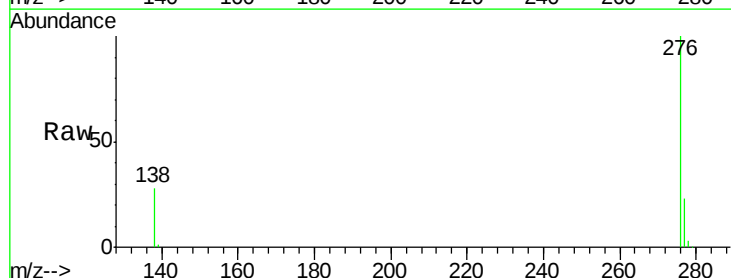
Tgt Ion:276 Resp: 237702

Ion Ratio Lower Upper

276 100

277 23.4 19.0 28.6

138 28.3 22.3 33.5



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

