

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110515\
 Data File : BM003059.D
 Acq On : 05 Nov 2015 11:21
 Operator : UM/IZ
 Sample : SSTDICV001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM110415

Quant Time: Nov 06 00:08:43 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	114002	5.00	ng	0.00
7) Naphthalene-d8	10.54	136	465654	5.00	ng	0.00
13) Acenaphthene-d10	14.39	164	242238	5.00	ng	0.00
19) Phenanthrene-d10	17.14	188	529148	5.00	ng	0.00
26) Chrysene-d12	21.33	240	390858	5.00	ng	0.00
35) Perylene-d12	23.60	264	340936	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	23403	0.97	ng	0.00
5) Phenol-d6	6.92	99	28296	1.01	ng	0.00
8) Nitrobenzene-d5	8.91	82	21200	0.99	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	6296	1.00	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	72181	0.95	ng	0.00
29) Terphenyl-d14	19.77	244	54195	0.96	ng	0.00

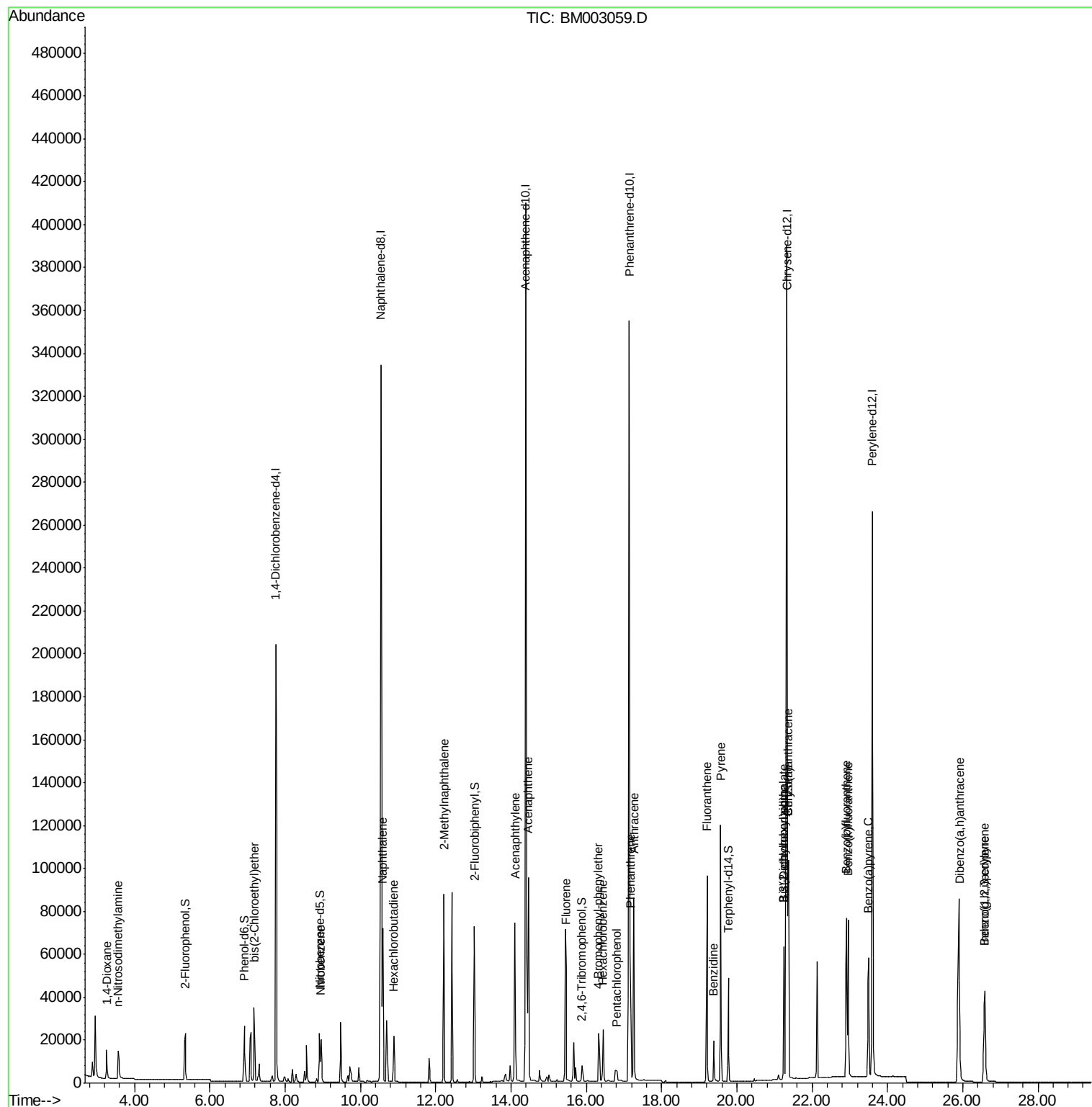
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.26	88	10407	0.99	ng	97
3) n-Nitrosodimethylamine	3.57	42	10139	0.95	ng	95
6) bis(2-Chloroethyl)ether	7.17	93	26290	0.97	ng	100
9) Nitrobenzene	8.95	77	22973	0.99	ng	99
10) Naphthalene	10.60	128	97581	0.98	ng	98
11) Hexachlorobutadiene	10.89	225	14902	0.96	ng	99
12) 2-Methylnaphthalene	12.22	142	64207	0.99	ng	94
16) Acenaphthylene	14.11	152	92331	0.98	ng	99
17) Acenaphthene	14.46	154	62912	0.97	ng	# 100
18) Fluorene	15.46	166	65754	0.95	ng	# 11
20) 4-Bromophenyl-phenylether	16.32	248	15379	0.93	ng	# 40
21) Hexachlorobenzene	16.45	284	22544	0.96	ng	# 79
22) Pentachlorophenol	16.81	266	6681	0.97	ng	# 73
23) Phenanthrene	17.16	178	94562	0.87	ng	99
24) Anthracene	17.27	178	106830	0.95	ng	98
25) Fluoranthene	19.21	202	102928	0.92	ng	100
27) Benzidine	19.38	184	29775	0.99	ng	96
28) Pyrene	19.57	202	111220	0.98	ng	100
30) Benzo(a)anthracene	21.37	228	85206	0.87	ng	95
31) 3,3'-Dichlorobenzidine	21.25	252	24354	0.98	ng	# 75
32) Chrysene	21.37	228	85870	0.80	ng	90
33) Bis(2-ethylhexyl)phthalate	21.25	149	45654	1.08	ng	# 92
34) Indeno(1,2,3-cd)pyrene	26.58	276	86215	1.06	ng	100
36) Benzo(b)fluoranthene	22.91	252	95724	0.92	ng	99
37) Benzo(k)fluoranthene	22.96	252	91303	0.98	ng	99
38) Benzo(a)pyrene	23.50	252	80808	0.92	ng	99
39) Dibenzo(a,h)anthracene	25.91	278	83311	0.98	ng	96
40) Benzo(g,h,i)perylene	26.58	276	86285	0.94	ng	99

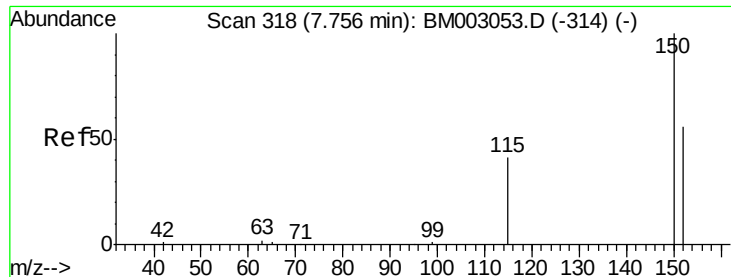
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM003059.D

Acq: 05 Nov 2015 11:21

Instrument :

BNA_M

ClientSampleId :

ICVBM110415

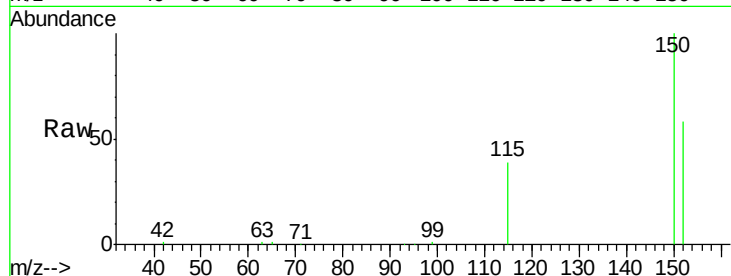
Tgt Ion:152 Resp: 114002

Ion Ratio Lower Upper

152 100

150 172.7 143.6 215.4

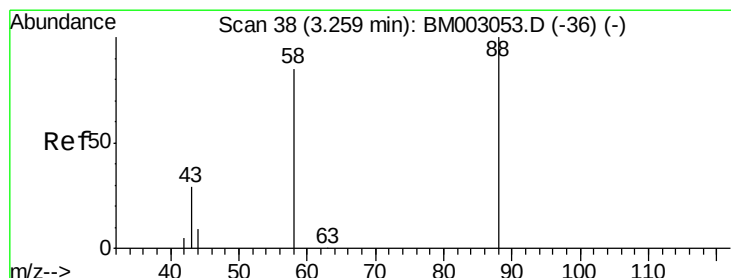
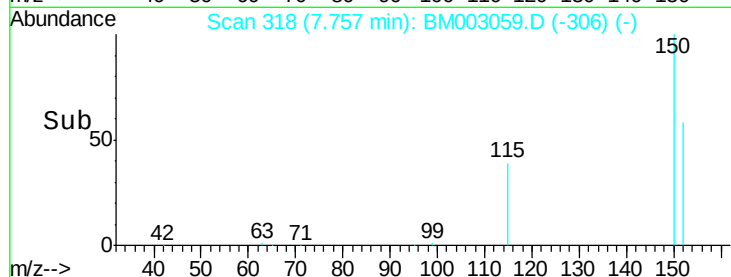
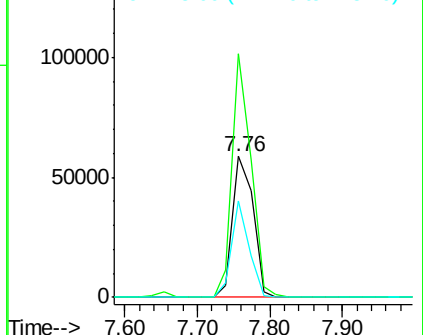
115 68.1 58.5 87.7



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: 0.99 ng

RT: 3.26 min Scan# 38

Delta R.T. 0.00 min

Lab File: BM003059.D

Acq: 05 Nov 2015 11:21

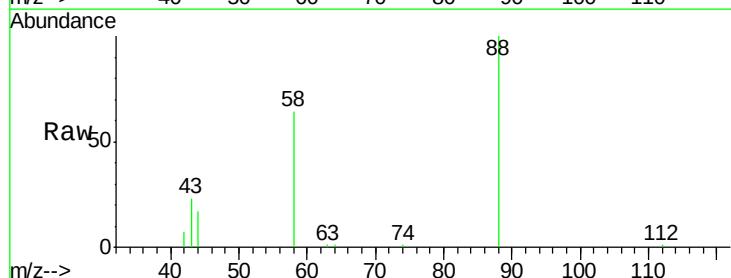
Tgt Ion: 88 Resp: 10407

Ion Ratio Lower Upper

88 100

58 66.0 55.2 82.8

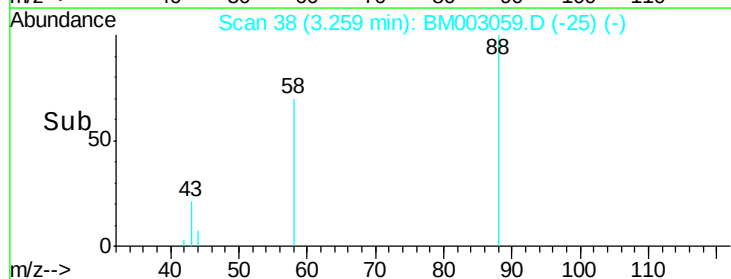
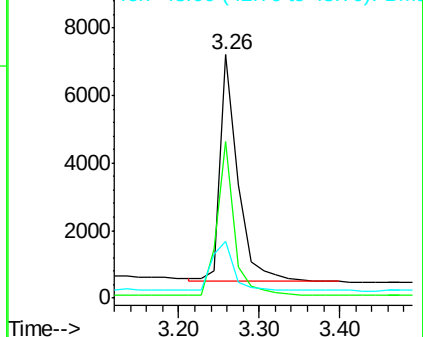
43 26.7 21.8 32.6

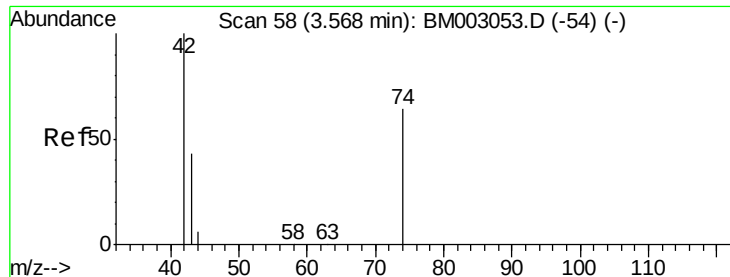


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 0.95 ng

RT: 3.57 min Scan# 58

Delta R.T. 0.00 min

Lab File: BM003059.D

Acq: 05 Nov 2015 11:21

Instrument :

BNA_M

ClientSampleId :

ICVBM110415

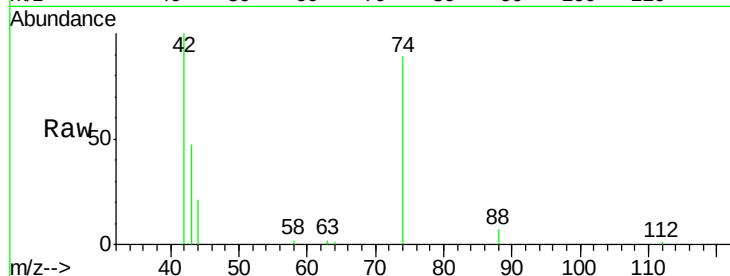
Tgt Ion: 42 Resp: 10139

Ion Ratio Lower Upper

42 100

74 132.1 101.0 151.4

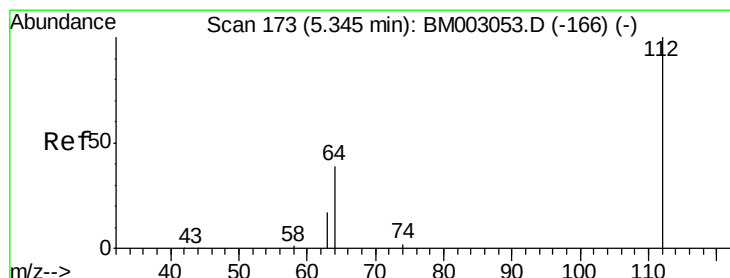
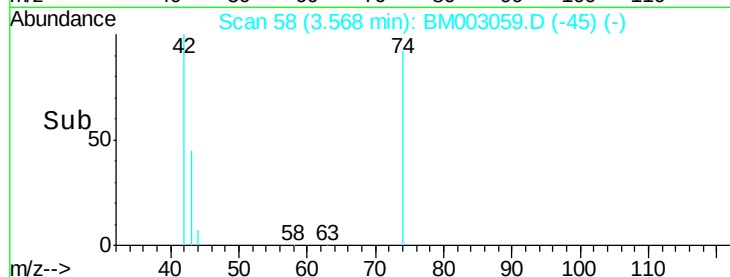
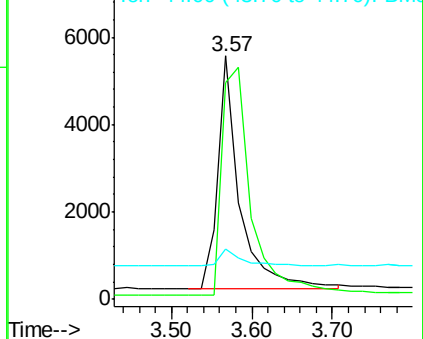
44 7.5 6.3 9.5



Abundance Ion 42.00 (41.70 to 42.70): BM003053.D (-54) (-)

Ion 74.00 (73.70 to 74.70): BM003053.D (-54) (-)

Ion 44.00 (43.70 to 44.70): BM003053.D (-54) (-)



#4

2-Fluorophenol

Concen: 0.97 ng

RT: 5.35 min Scan# 173

Delta R.T. 0.00 min

Lab File: BM003059.D

Acq: 05 Nov 2015 11:21

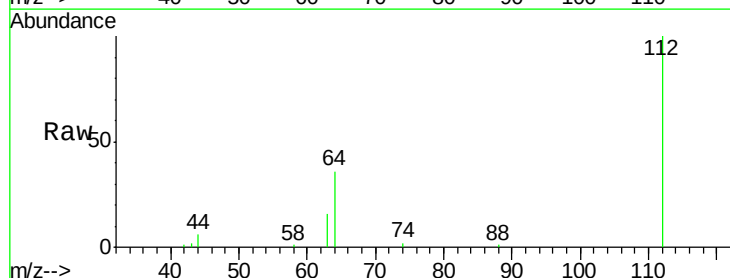
Tgt Ion: 112 Resp: 23403

Ion Ratio Lower Upper

112 100

64 51.0 41.2 61.8

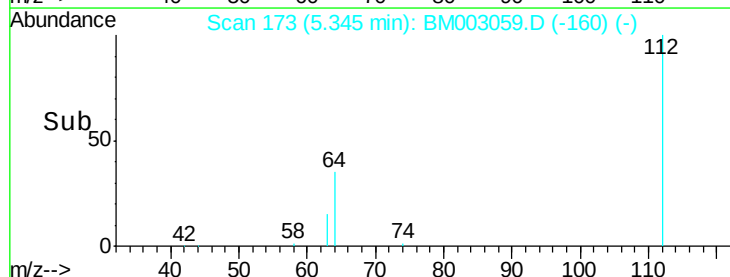
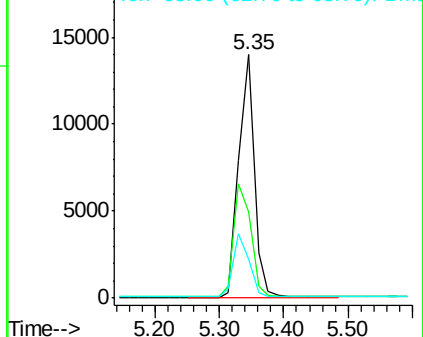
63 26.5 21.2 31.8

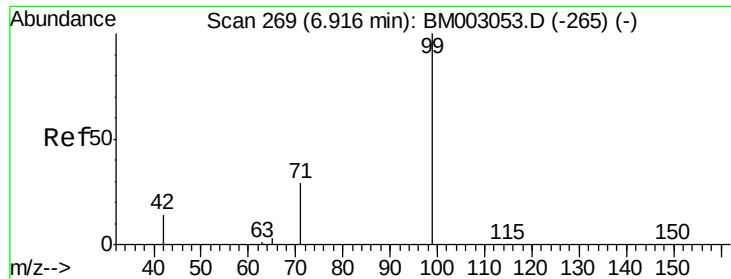


Abundance Ion 112.00 (111.70 to 112.70): BM003053.D (-166) (-)

Ion 64.00 (63.70 to 64.70): BM003053.D (-166) (-)

Ion 63.00 (62.70 to 63.70): BM003053.D (-166) (-)





#5

Phenol-d6

Concen: 1.01 ng

RT: 6.92 min Scan# 269

Delta R.T. 0.00 min

Lab File: BM003059.D

Acq: 05 Nov 2015 11:21

Instrument :

BNA_M

ClientSampleId :

ICVBM110415

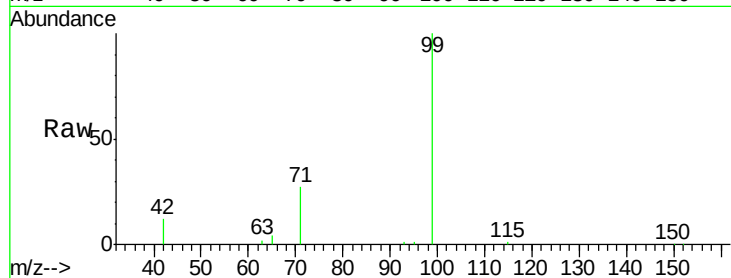
Tgt Ion: 99 Resp: 28296

Ion Ratio Lower Upper

99 100

42 17.9 14.6 22.0

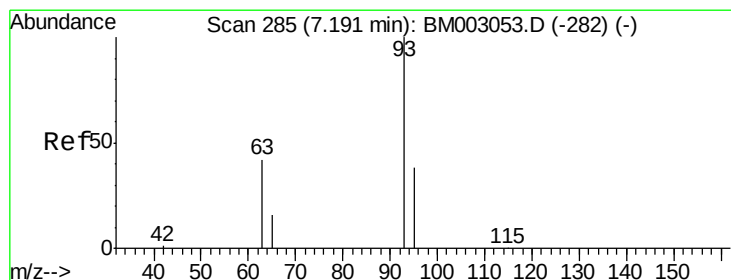
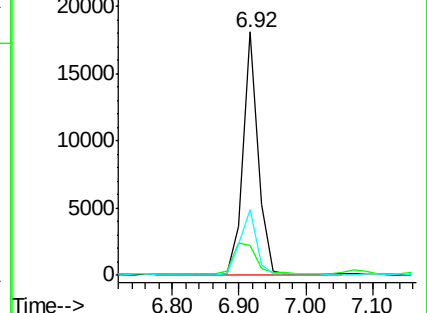
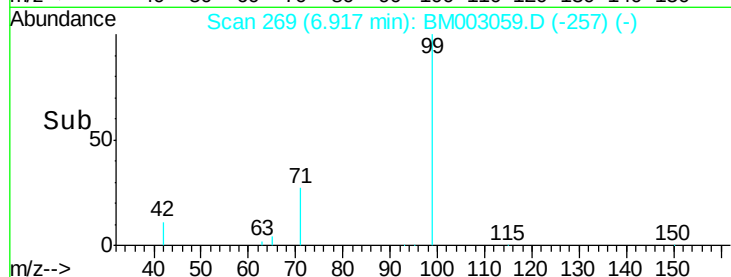
71 29.2 23.3 34.9



Abundance Ion 99.00 (98.70 to 99.70): BM003053.D (-265) (-)

Ion 42.00 (41.70 to 42.70): BM003053.D (-265) (-)

Ion 71.00 (70.70 to 71.70): BM003053.D (-265) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.97 ng

RT: 7.17 min Scan# 284

Delta R.T. -0.02 min

Lab File: BM003059.D

Acq: 05 Nov 2015 11:21

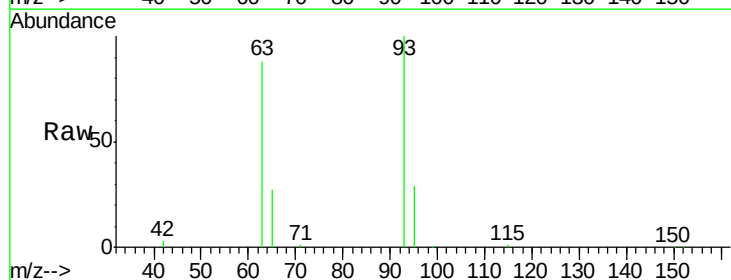
Tgt Ion: 93 Resp: 26290

Ion Ratio Lower Upper

93 100

63 72.6 58.2 87.4

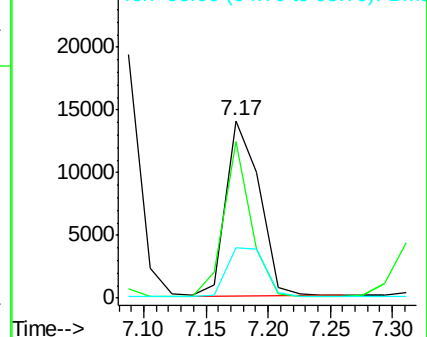
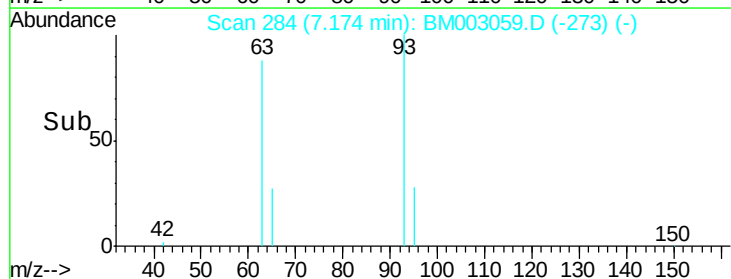
95 32.6 26.2 39.4

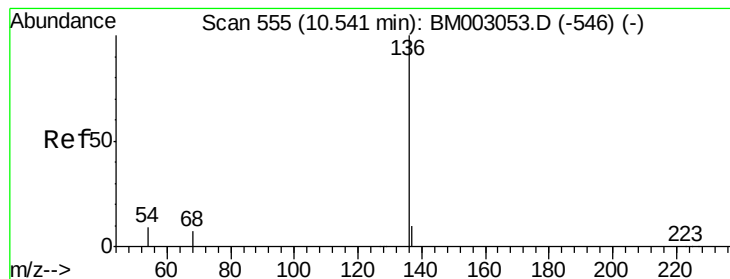


Abundance Ion 93.00 (92.70 to 93.70): BM003053.D (-282) (-)

Ion 63.00 (62.70 to 63.70): BM003053.D (-282) (-)

Ion 95.00 (94.70 to 95.70): BM003053.D (-282) (-)





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.54 min Scan# 556

Delta R.T. 0.00 min

Lab File: BM003059.D

Acq: 05 Nov 2015 11:21

Instrument :

BNA_M

ClientSampleId :

ICVBM110415

Tgt Ion: 136 Resp: 465654

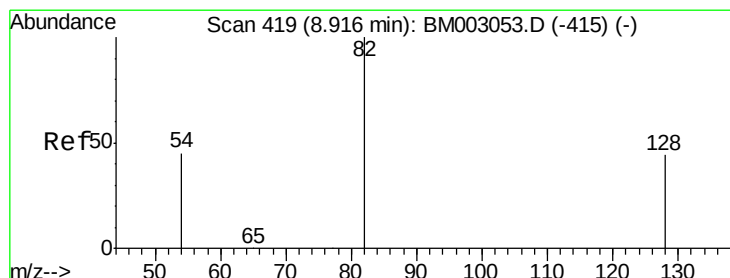
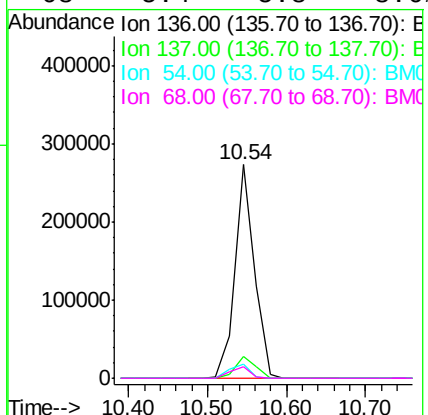
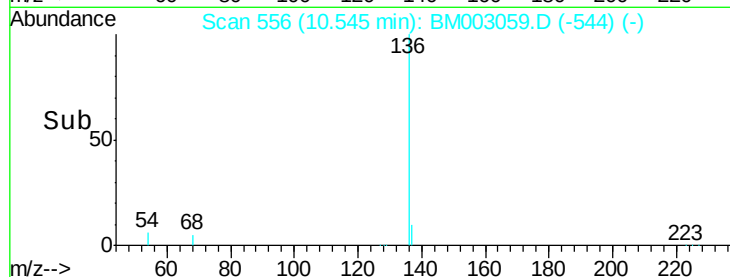
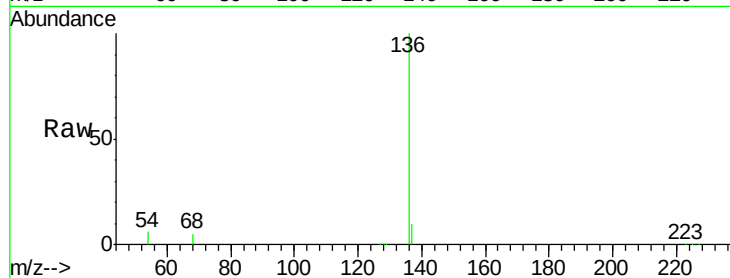
Ion Ratio Lower Upper

136 100

137 10.5 8.0 12.0

54 6.4 7.4 11.0#

68 5.4 5.8 8.6#



#8

Nitrobenzene-d5

Concen: 0.99 ng

RT: 8.91 min Scan# 419

Delta R.T. -0.01 min

Lab File: BM003059.D

Acq: 05 Nov 2015 11:21

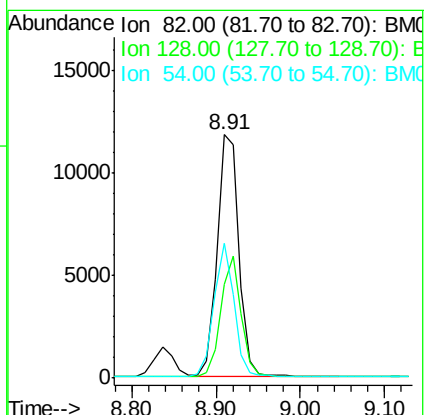
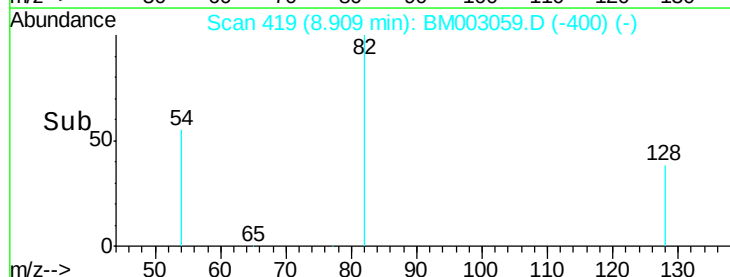
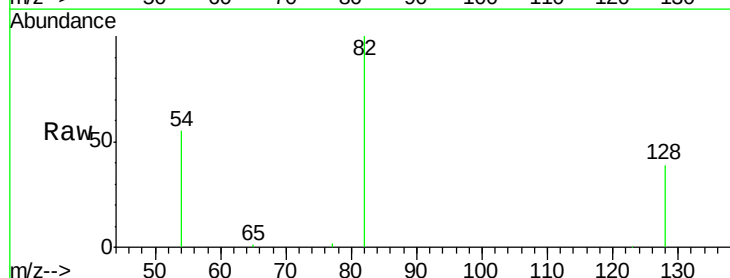
Tgt Ion: 82 Resp: 21200

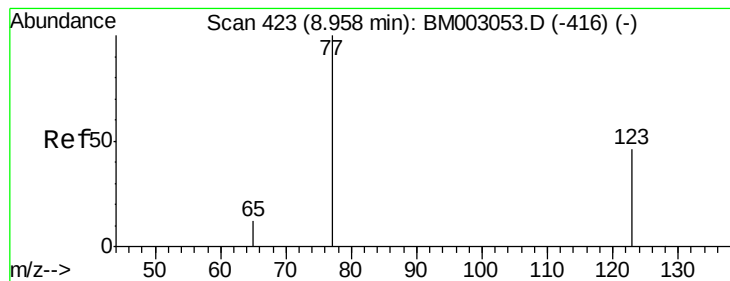
Ion Ratio Lower Upper

82 100

128 38.5 35.2 52.8

54 55.4 36.4 54.6#





#9

Nitrobenzene

Concen: 0.99 ng

RT: 8.95 min Scan# 423

Delta R.T. -0.01 min

Lab File: BM003059.D

Acq: 05 Nov 2015 11:21

Instrument :

BNA_M

ClientSampleId :

ICVBM110415

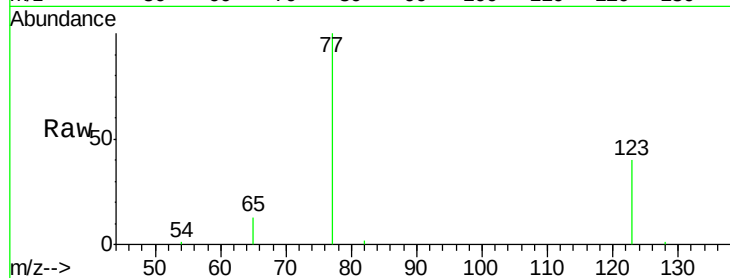
Tgt Ion: 77 Resp: 22973

Ion Ratio Lower Upper

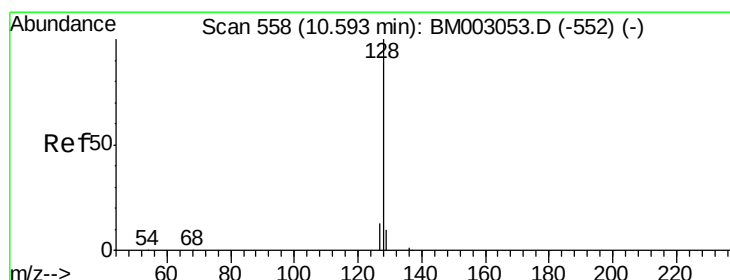
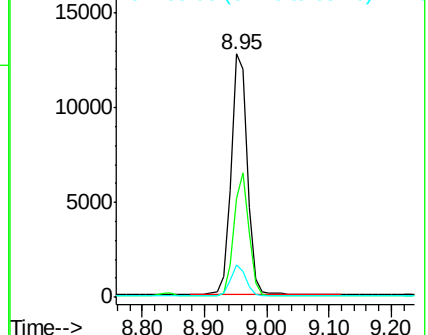
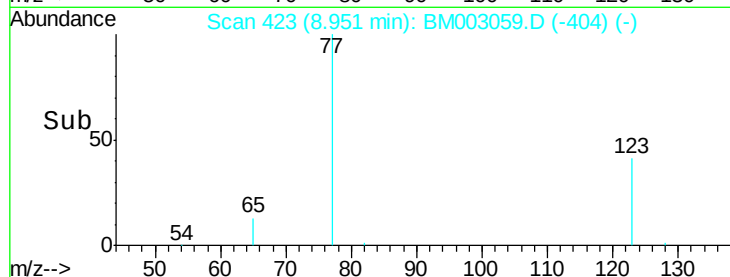
77 100

123 48.1 37.7 56.5

65 12.3 9.8 14.6



Abundance Ion 77.00 (76.70 to 77.70): BM003059.D (-404) (-)



#10

Naphthalene

Concen: 0.98 ng

RT: 10.60 min Scan# 559

Delta R.T. 0.00 min

Lab File: BM003059.D

Acq: 05 Nov 2015 11:21

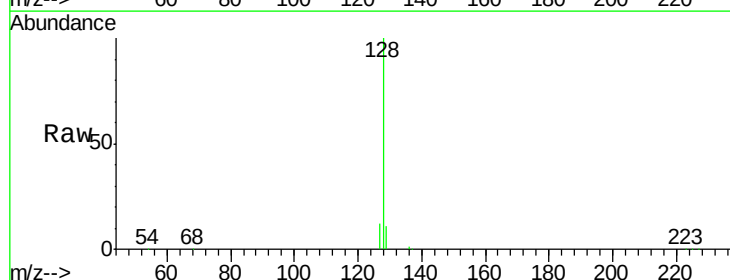
Tgt Ion: 128 Resp: 97581

Ion Ratio Lower Upper

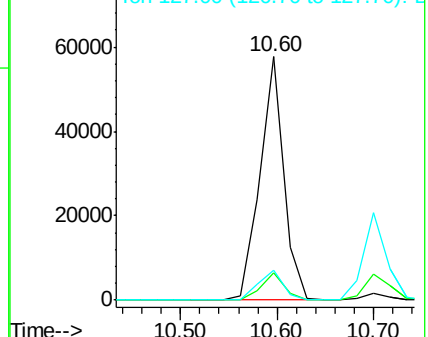
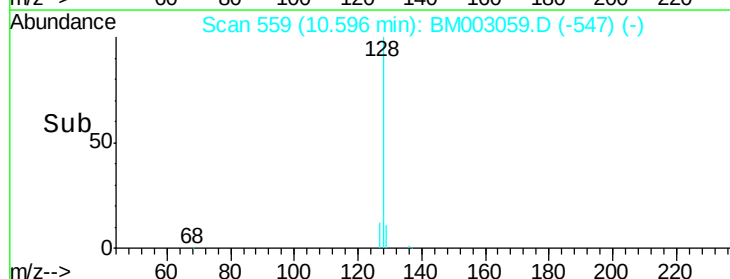
128 100

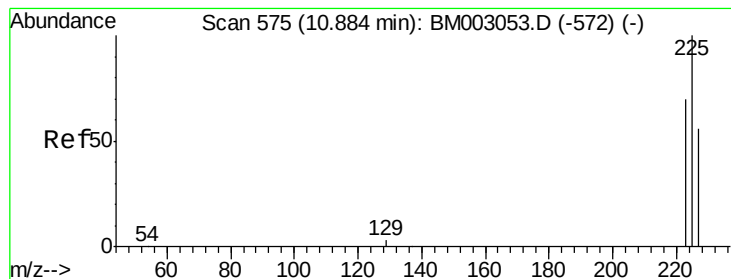
129 11.1 8.5 12.7

127 12.3 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): BM003059.D (-547) (-)





#11

Hexachlorobutadiene

Concen: 0.96 ng

RT: 10.89 min Scan# 576

Delta R.T. 0.00 min

Lab File: BM003059.D

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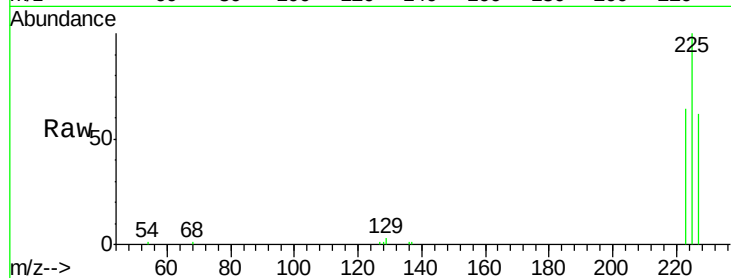
Tgt Ion: 225 Resp: 14902

Ion Ratio Lower Upper

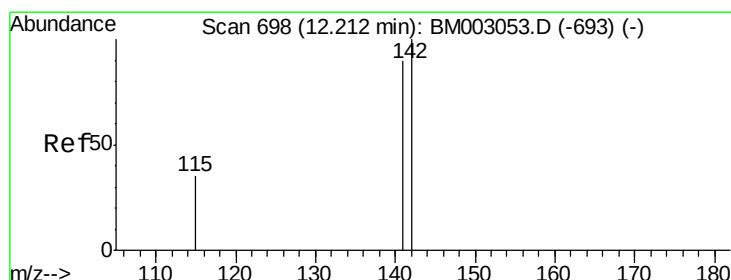
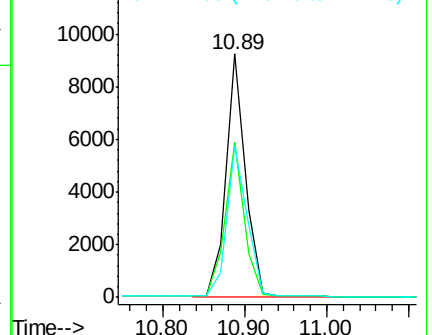
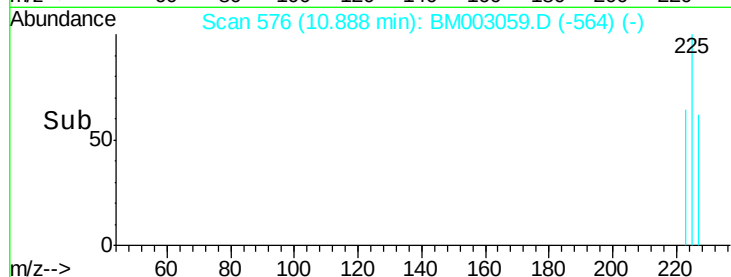
225 100

223 64.5 53.0 79.4

227 65.6 52.2 78.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E



#12

2-Methylnaphthalene

Concen: 0.99 ng

RT: 12.22 min Scan# 699

Delta R.T. 0.00 min

Lab File: BM003059.D

Acq: 05 Nov 2015 11:21

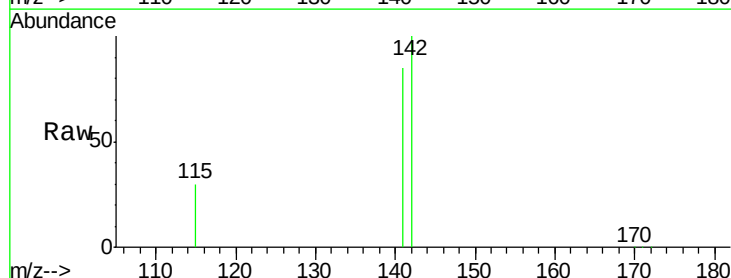
Tgt Ion: 142 Resp: 64207

Ion Ratio Lower Upper

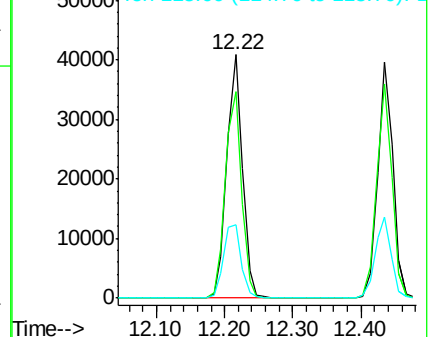
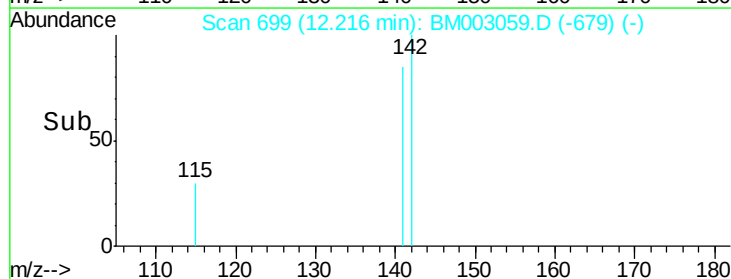
142 100

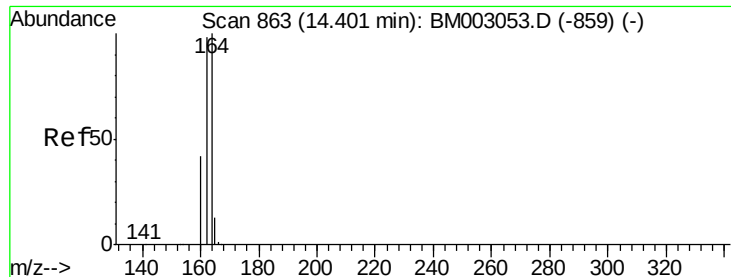
141 84.8 72.2 108.2

115 30.4 28.0 42.0



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





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.39 min Scan# 863

Delta R.T. -0.01 min

Lab File: BM003059.D

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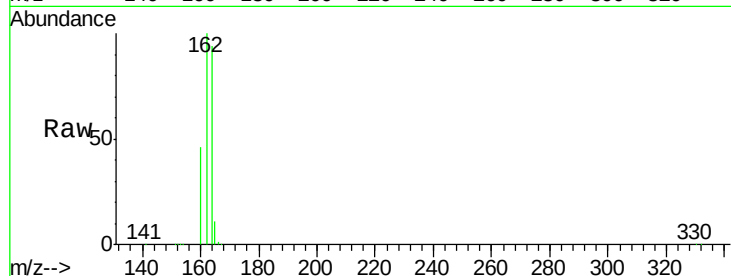
Tgt Ion:164 Resp: 242238

Ion Ratio Lower Upper

164 100

162 106.6 78.3 117.5

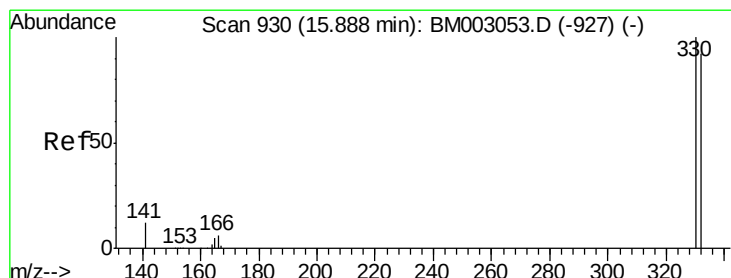
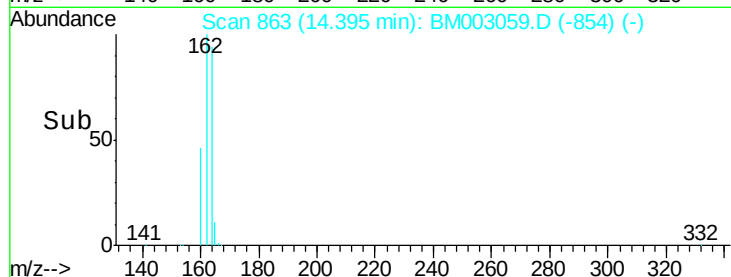
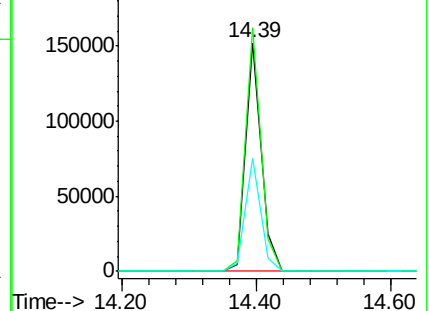
160 49.4 33.8 50.6



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: 1.00 ng

RT: 15.88 min Scan# 930

Delta R.T. -0.01 min

Lab File: BM003059.D

Acq: 05 Nov 2015 11:21

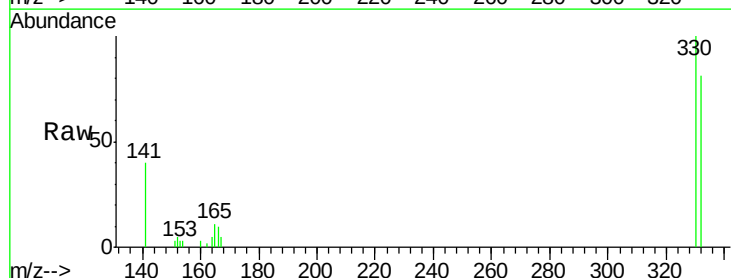
Tgt Ion:330 Resp: 6296

Ion Ratio Lower Upper

330 100

332 94.8 76.0 114.0

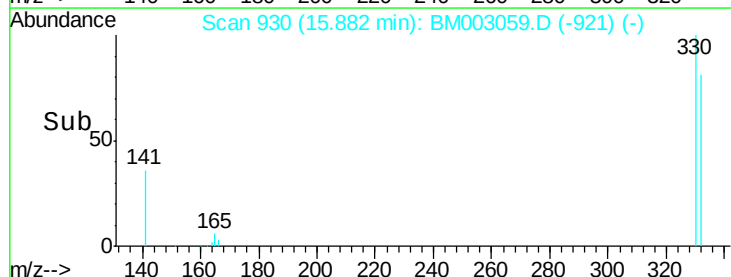
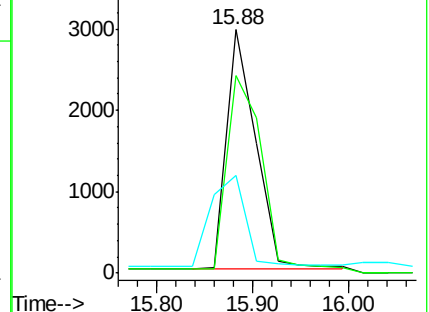
141 44.4 0.0 0.0#

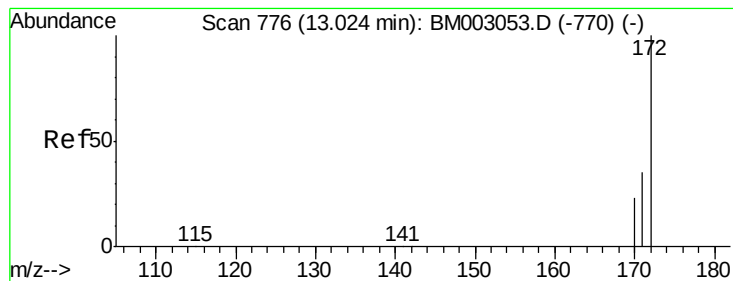


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

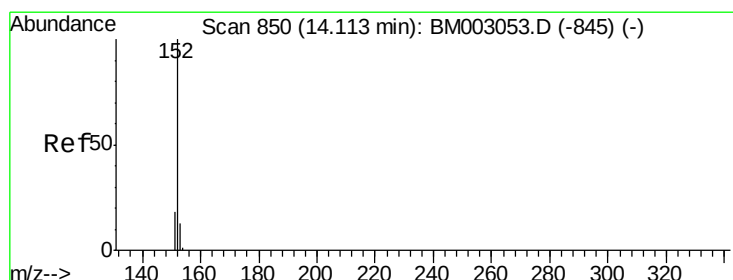
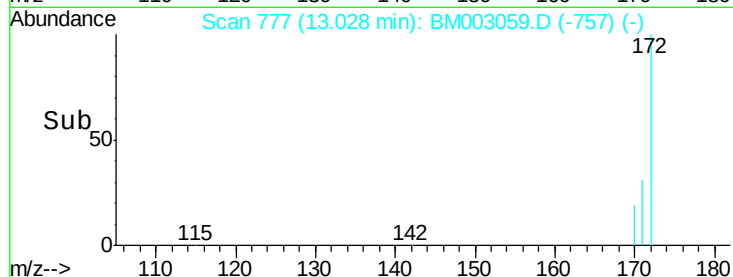
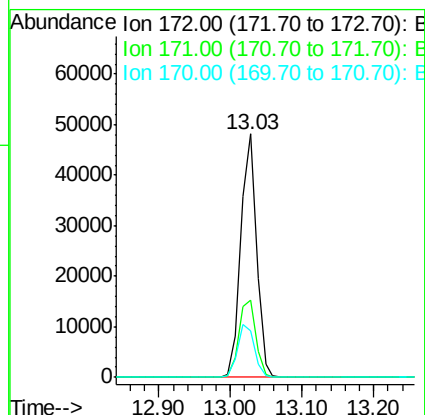
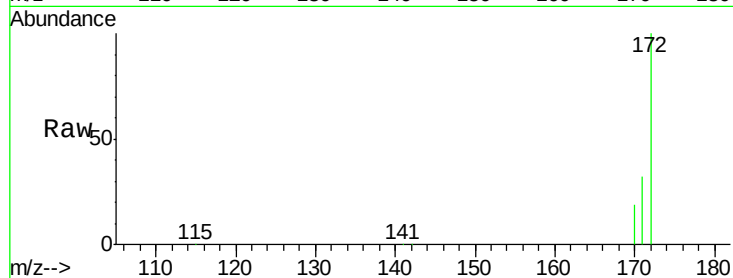




#15
2-Fluorobiphenyl
Concen: 0.95 ng
RT: 13.03 min Scan# 777
Delta R.T. 0.00 min
Lab File: BM003059.D
Acq: 05 Nov 2015 11:21

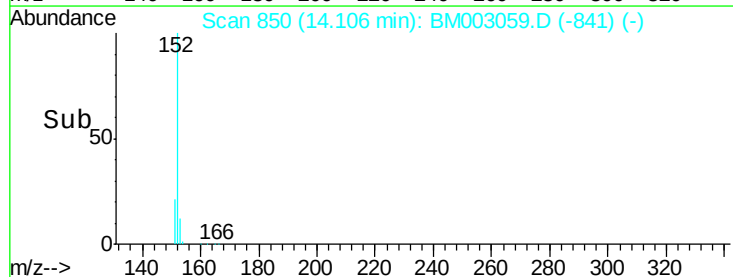
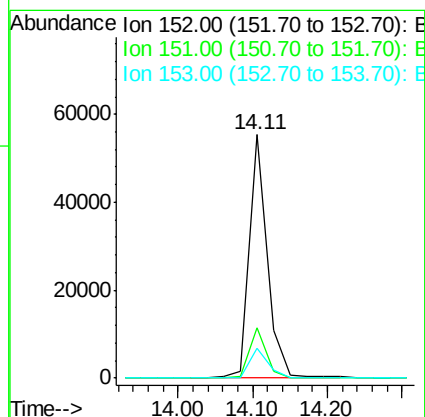
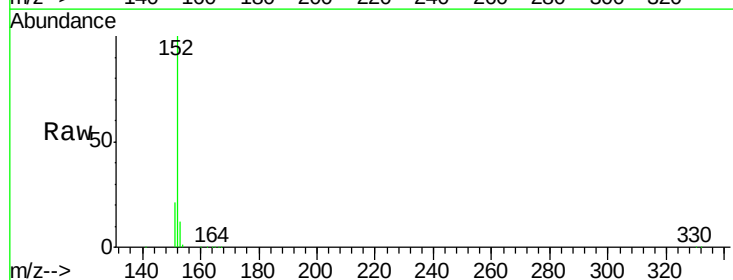
Instrument :
BNA_M
ClientSampleId :
ICVBM110415

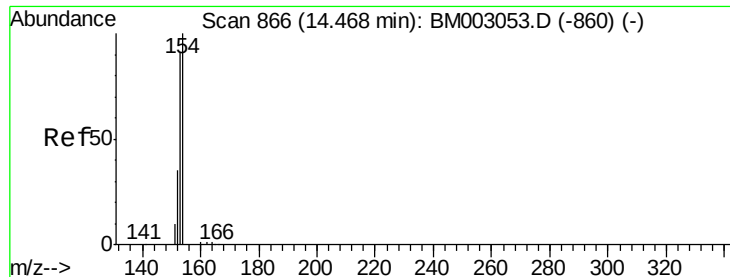
Tgt Ion:172 Resp: 72181
Ion Ratio Lower Upper
172 100
171 31.7 28.0 42.0
170 19.3 18.9 28.3



#16
Acenaphthylene
Concen: 0.98 ng
RT: 14.11 min Scan# 850
Delta R.T. -0.01 min
Lab File: BM003059.D
Acq: 05 Nov 2015 11:21

Tgt Ion:152 Resp: 92331
Ion Ratio Lower Upper
152 100
151 19.5 15.2 22.8
153 12.8 10.4 15.6

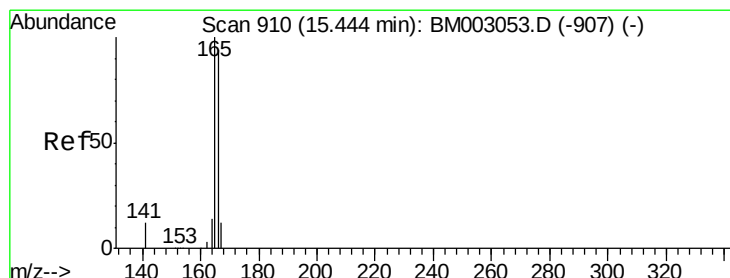
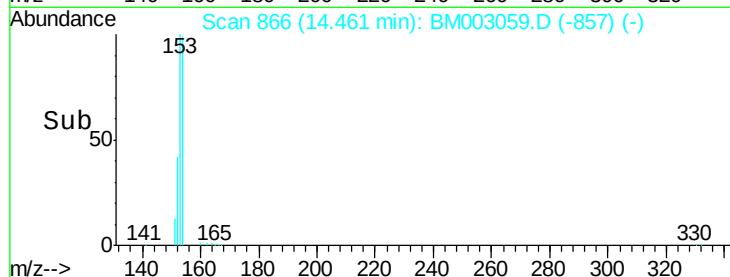
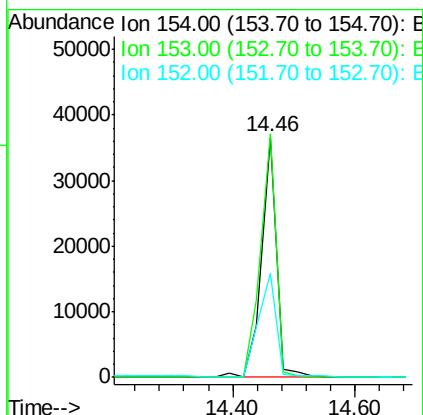
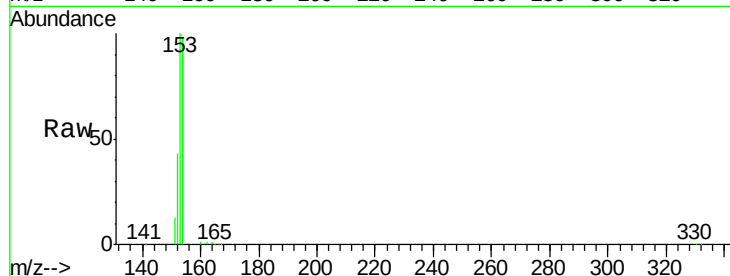




#17
Acenaphthene
Concen: 0.97 ng
RT: 14.46 min Scan# 866
Delta R.T. -0.01 min
Lab File: BM003059.D
Acq: 05 Nov 2015 11:21

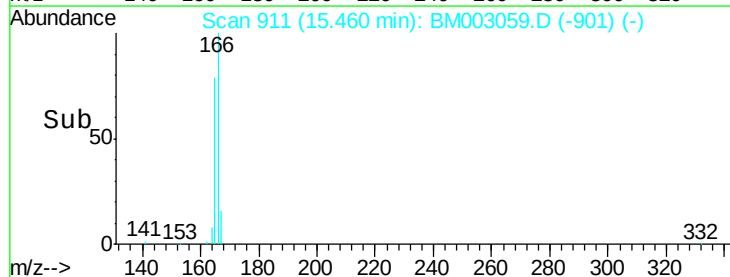
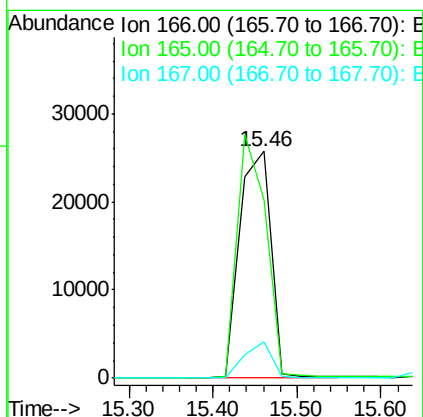
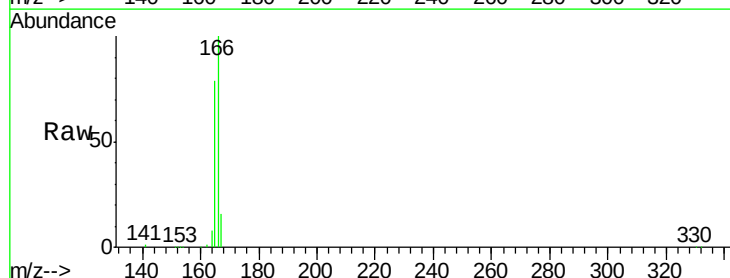
Instrument :
BNA_M
ClientSampleId :
ICVBM110415

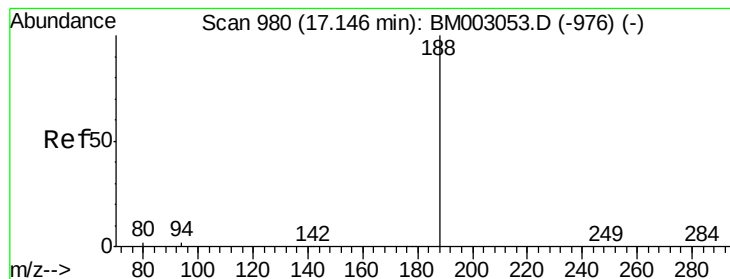
Tgt Ion:154 Resp: 62912
Ion Ratio Lower Upper
154 100
153 105.3 0.0 0.0#
152 50.1 0.0 0.0#



#18
Fluorene
Concen: 0.95 ng
RT: 15.46 min Scan# 911
Delta R.T. 0.02 min
Lab File: BM003059.D
Acq: 05 Nov 2015 11:21

Tgt Ion:166 Resp: 65754
Ion Ratio Lower Upper
166 100
165 0.0 80.8 121.2#
167 13.5 10.5 15.7





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.14 min Scan# 980

Delta R.T. -0.01 min

Lab File: BM003059.D

Acq: 05 Nov 2015 11:21

Instrument :

BNA_M

ClientSampleId :

ICVBM110415

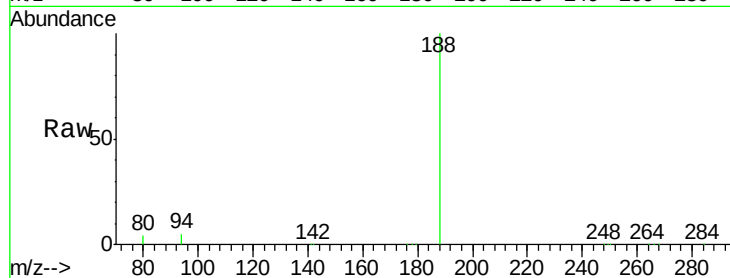
Tgt Ion:188 Resp: 529148

Ion Ratio Lower Upper

188 100

94 4.9 1.8 2.6#

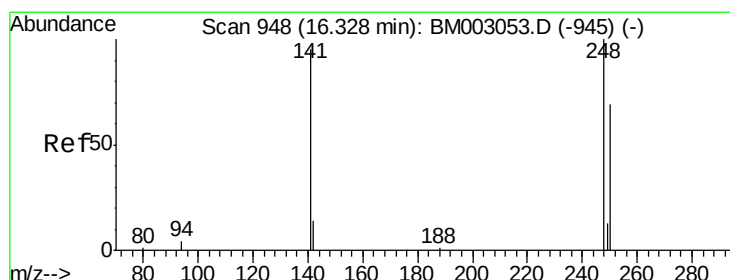
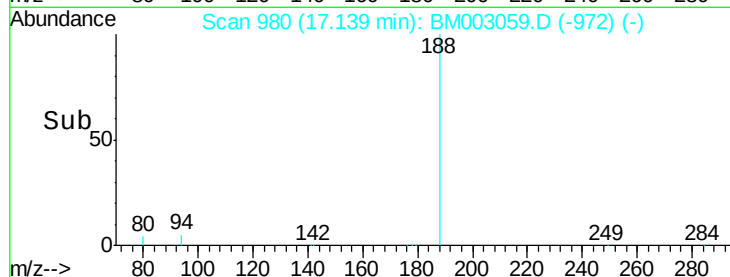
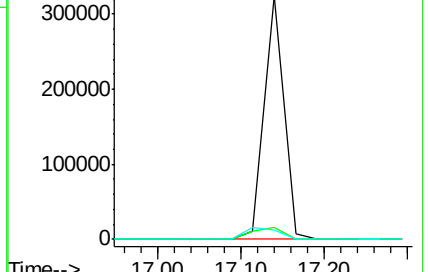
80 4.1 1.4 2.0#



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: 0.93 ng

RT: 16.32 min Scan# 948

Delta R.T. -0.01 min

Lab File: BM003059.D

Acq: 05 Nov 2015 11:21

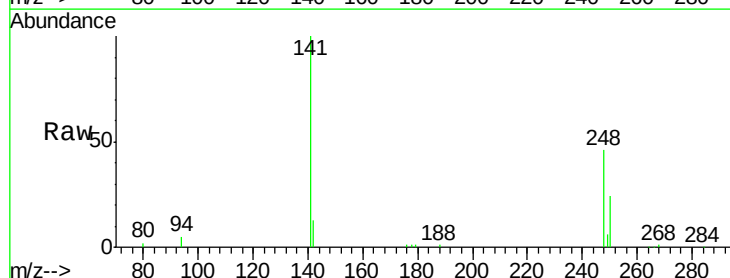
Tgt Ion:248 Resp: 15379

Ion Ratio Lower Upper

248 100

250 0.0 65.4 98.0#

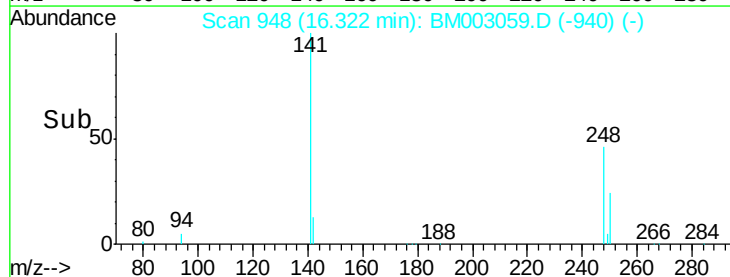
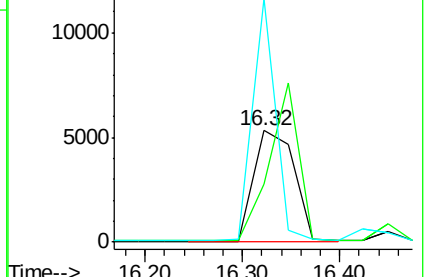
141 121.5 72.8 109.2#

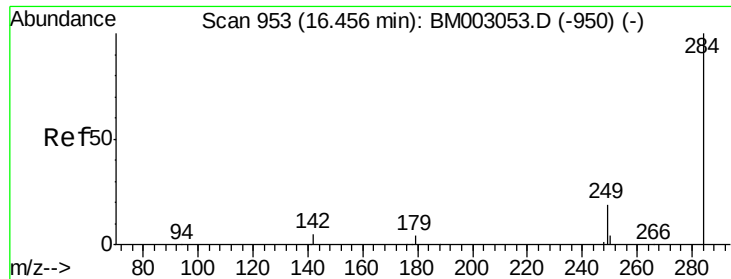


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

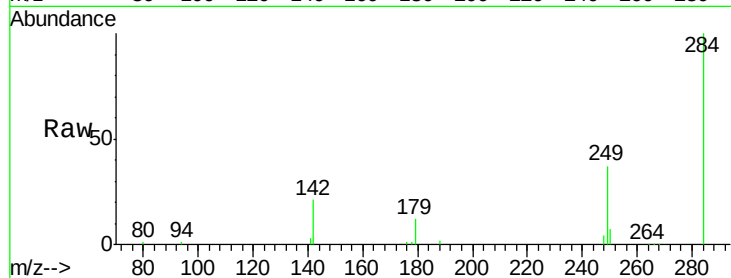




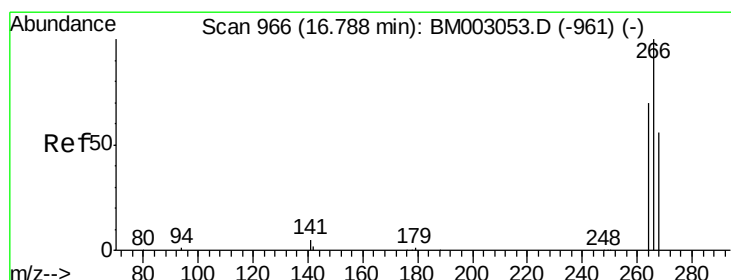
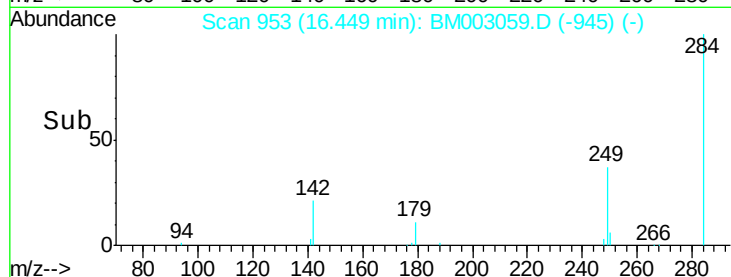
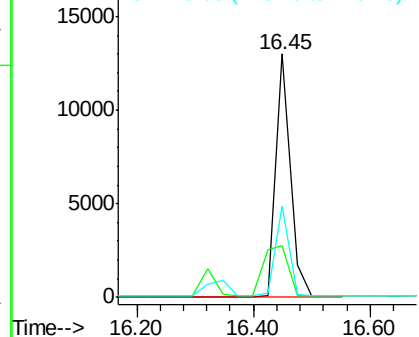
#21
Hexachlorobenzene
Concen: 0.96 ng
RT: 16.45 min Scan# 953
Delta R.T. -0.01 min
Lab File: BM003059.D
Acq: 05 Nov 2015 11:21

Instrument :
BNA_M
ClientSampleId :
ICVBM110415

Tgt Ion:284 Resp: 22544
Ion Ratio Lower Upper
284 100
142 35.2 0.0 0.0#
249 34.5 19.4 29.2#

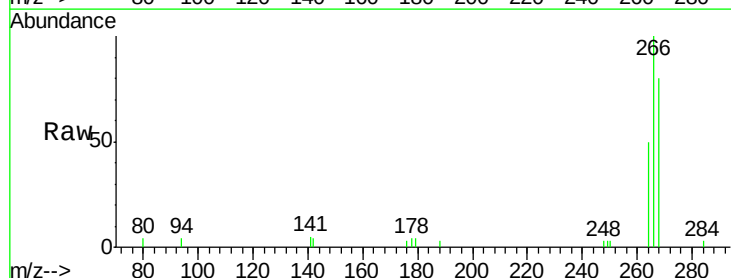


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

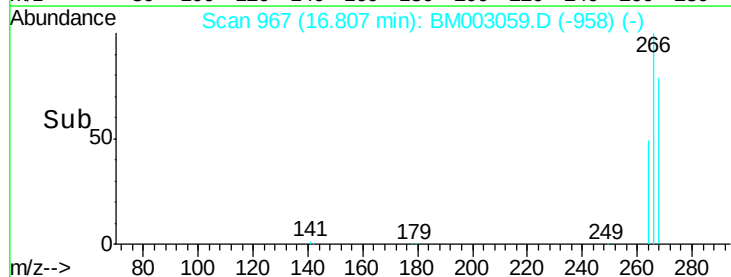
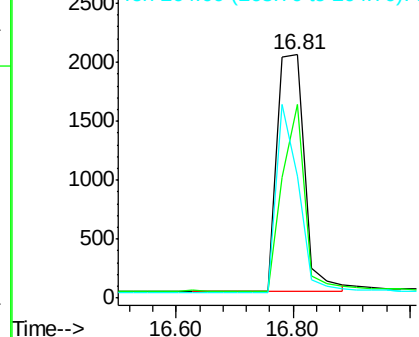


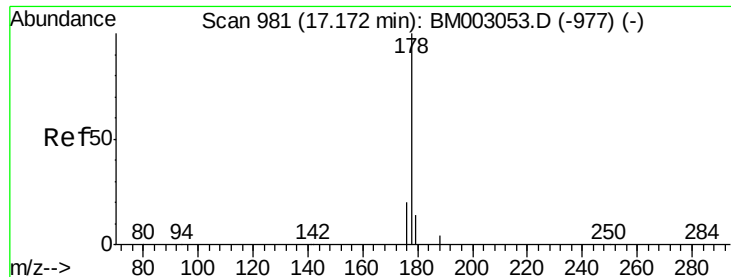
#22
Pentachlorophenol
Concen: 0.97 ng
RT: 16.81 min Scan# 967
Delta R.T. 0.02 min
Lab File: BM003059.D
Acq: 05 Nov 2015 11:21

Tgt Ion:266 Resp: 6681
Ion Ratio Lower Upper
266 100
268 79.7 45.8 68.8#
264 50.3 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

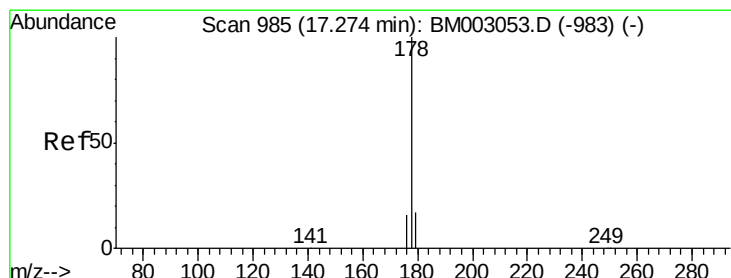
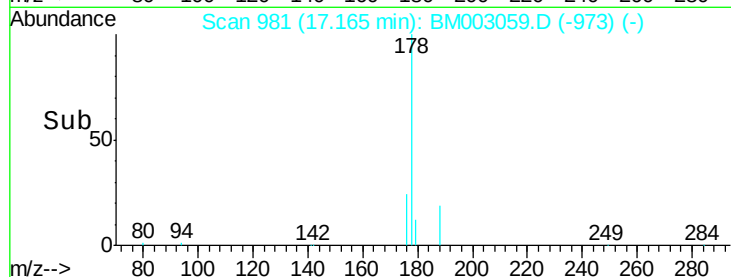
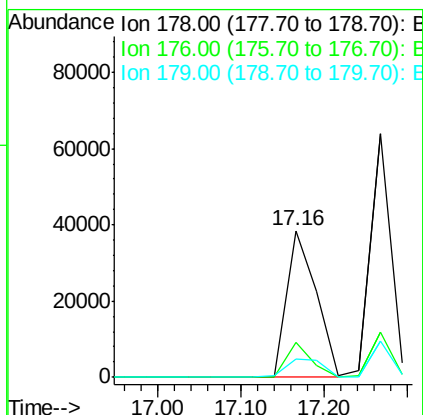
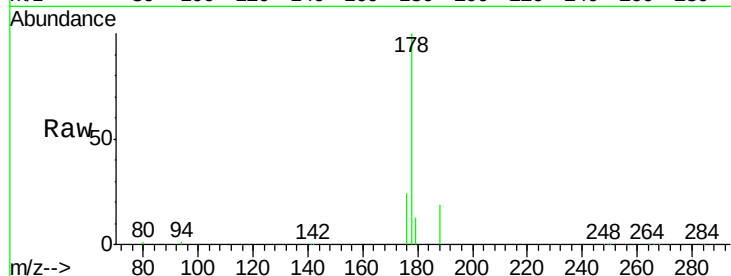




#23
Phenanthrene
Concen: 0.87 ng
RT: 17.16 min Scan# 981
Delta R.T. -0.01 min
Lab File: BM003059.D
Acq: 05 Nov 2015 11:21

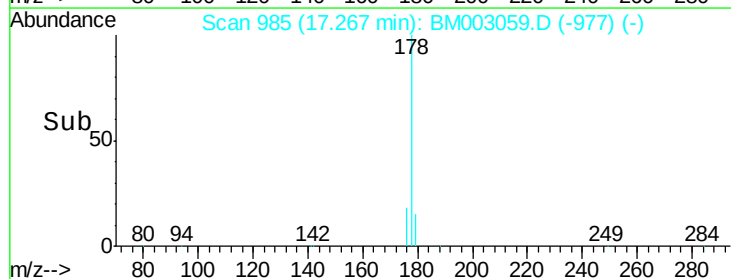
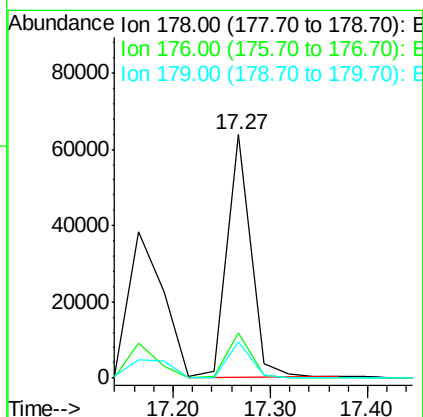
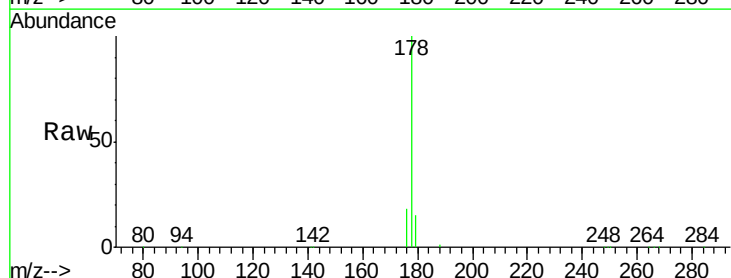
Instrument :
BNA_M
ClientSampleId :
ICVBM110415

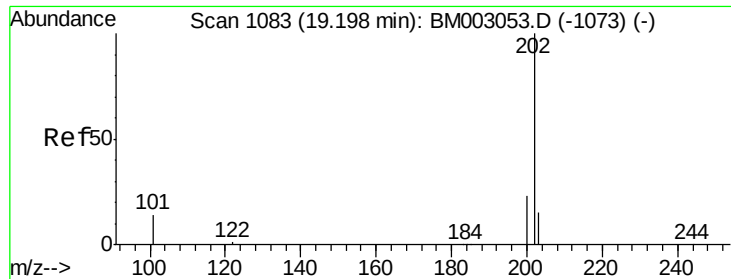
Tgt Ion:178 Resp: 94562
Ion Ratio Lower Upper
178 100
176 20.2 15.9 23.9
179 15.3 11.7 17.5



#24
Anthracene
Concen: 0.95 ng
RT: 17.27 min Scan# 985
Delta R.T. -0.01 min
Lab File: BM003059.D
Acq: 05 Nov 2015 11:21

Tgt Ion:178 Resp: 106830
Ion Ratio Lower Upper
178 100
176 18.5 14.1 21.1
179 15.0 12.8 19.2





#25

Fluoranthene

Concen: 0.92 ng

RT: 19.21 min Scan# 1084

Delta R.T. 0.01 min

Lab File: BM003059.D

Acq: 05 Nov 2015 11:21

Instrument :

BNA_M

ClientSampleId :

ICVBM110415

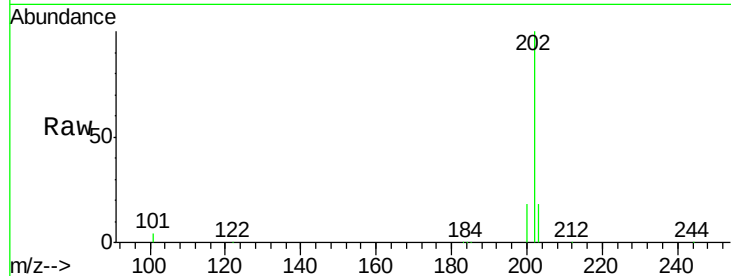
Tgt Ion: 202 Resp: 102928

Ion Ratio Lower Upper

202 100

101 12.2 9.9 14.9

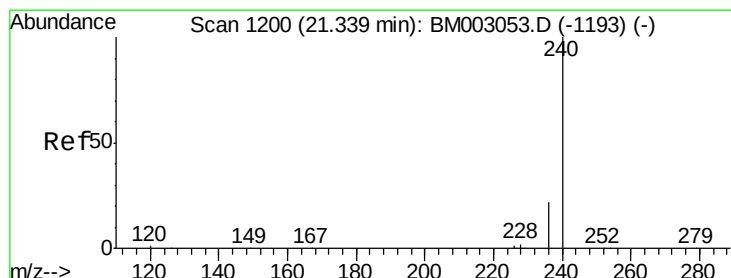
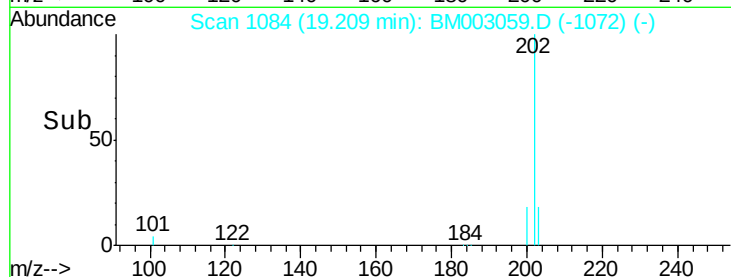
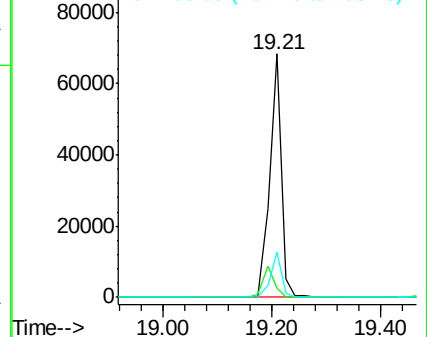
203 17.4 13.9 20.9



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: BM003059.D

Acq: 05 Nov 2015 11:21

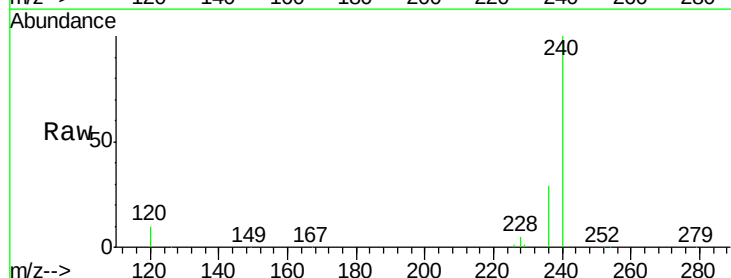
Tgt Ion: 240 Resp: 390858

Ion Ratio Lower Upper

240 100

120 9.7 1.0 1.4#

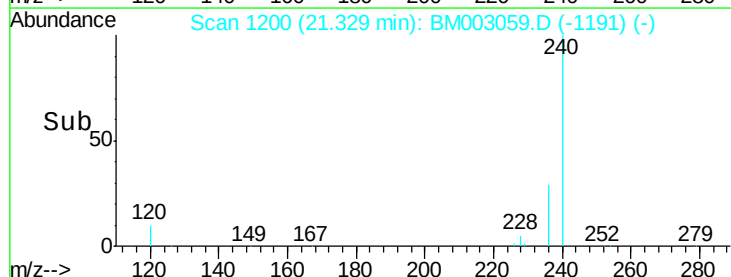
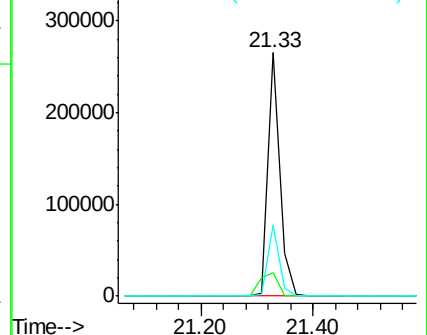
236 29.3 17.9 26.9#

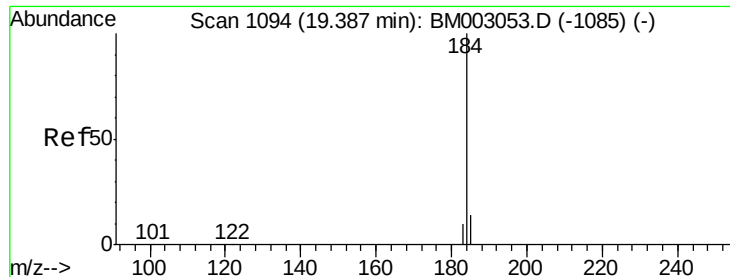


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 0.99 ng

RT: 19.38 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BM003059.D

Acq: 05 Nov 2015 11:21

Instrument :

BNA_M

ClientSampleId :

ICVBM110415

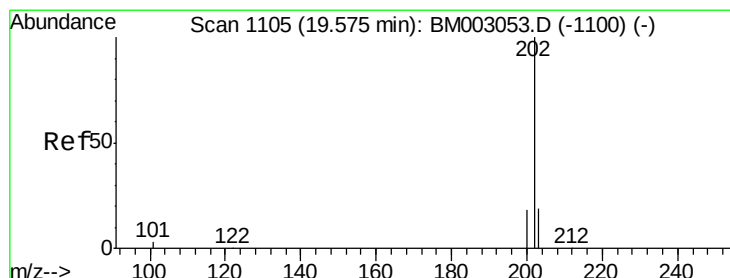
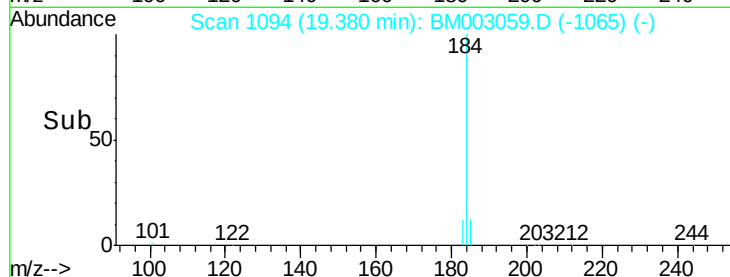
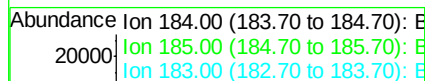
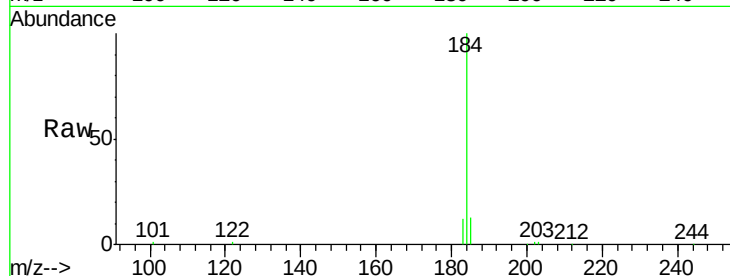
Tgt Ion:184 Resp: 29775

Ion Ratio Lower Upper

184 100

185 12.6 11.6 17.4

183 12.4 8.6 13.0



#28

Pyrene

Concen: 0.98 ng

RT: 19.57 min Scan# 1105

Delta R.T. -0.01 min

Lab File: BM003059.D

Acq: 05 Nov 2015 11:21

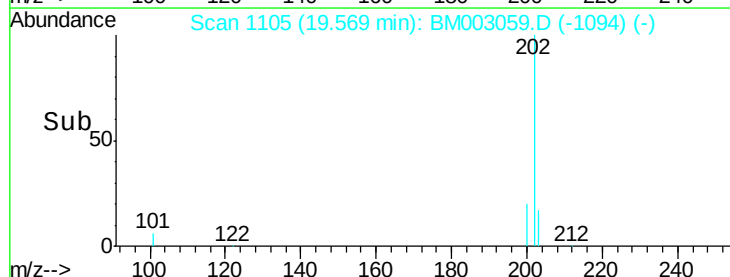
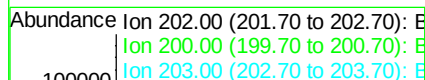
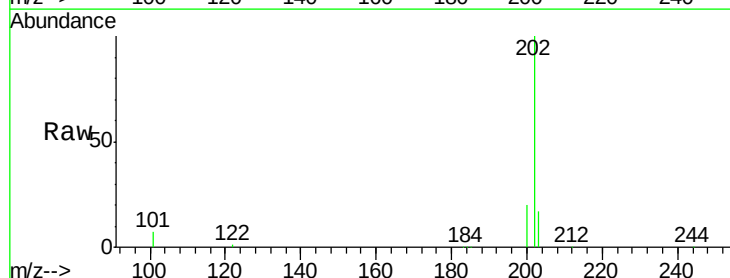
Tgt Ion:202 Resp: 111220

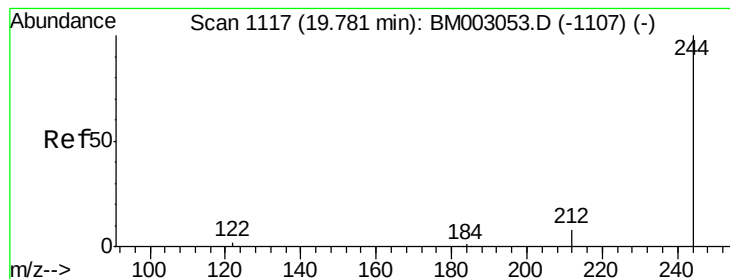
Ion Ratio Lower Upper

202 100

200 20.6 16.7 25.1

203 17.3 13.8 20.6





#29

Terphenyl-d14

Concen: 0.96 ng

RT: 19.77 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BM003059.D

Acq: 05 Nov 2015 11:21

Instrument :

BNA_M

ClientSampleId :

ICVBM110415

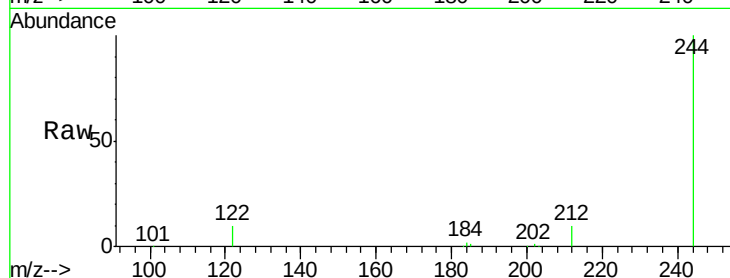
Tgt Ion:244 Resp: 54195

Ion Ratio Lower Upper

244 100

212 9.7 6.5 9.7

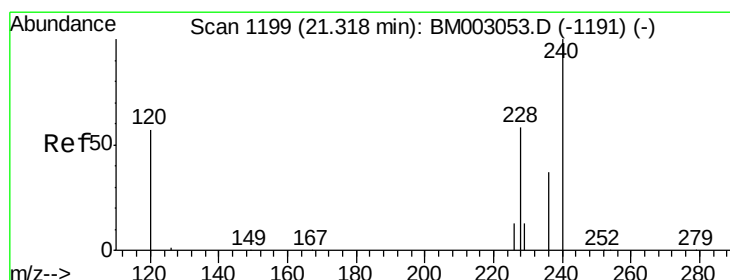
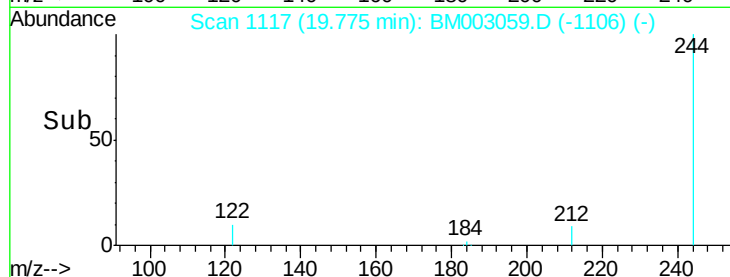
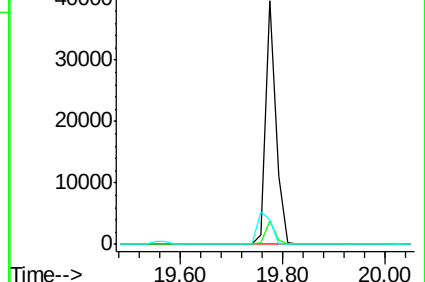
122 9.9 2.0 3.0#



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: 0.87 ng

RT: 21.37 min Scan# 1202

Delta R.T. 0.05 min

Lab File: BM003059.D

Acq: 05 Nov 2015 11:21

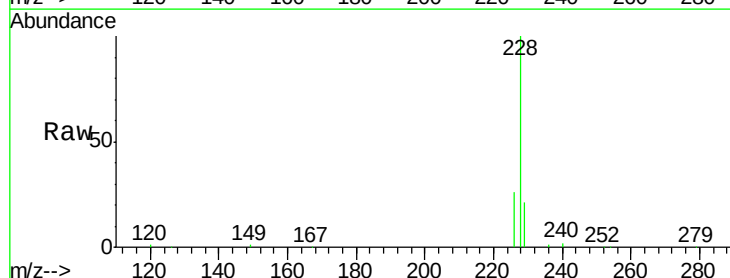
Tgt Ion:228 Resp: 85206

Ion Ratio Lower Upper

228 100

226 25.8 17.8 26.6

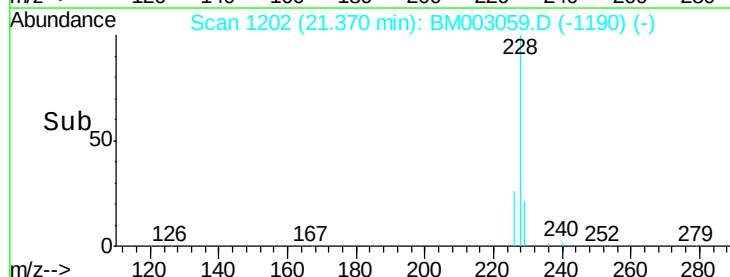
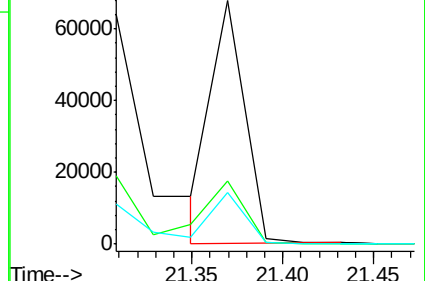
229 21.4 18.0 27.0

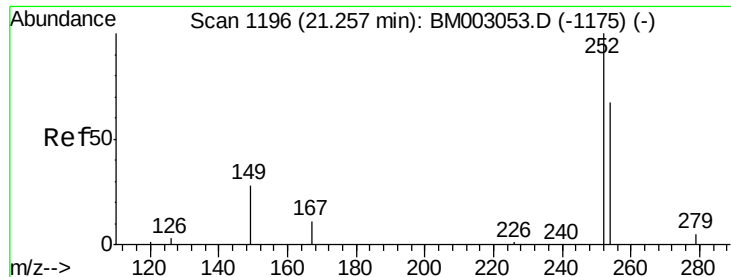


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

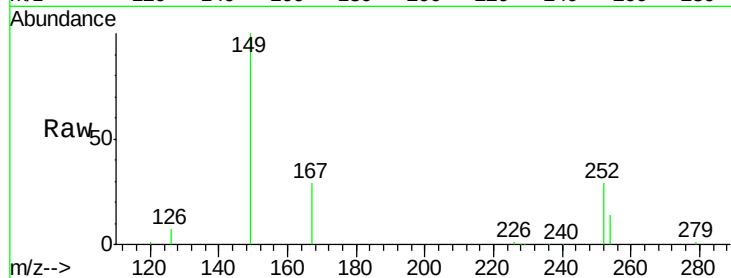




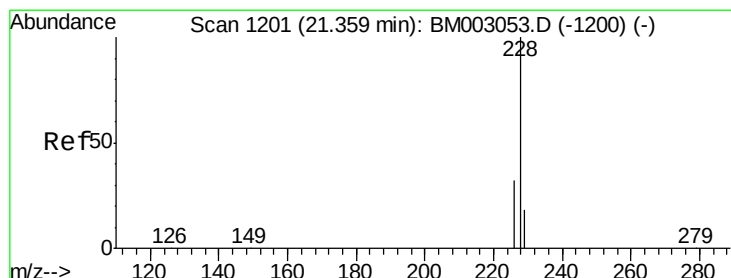
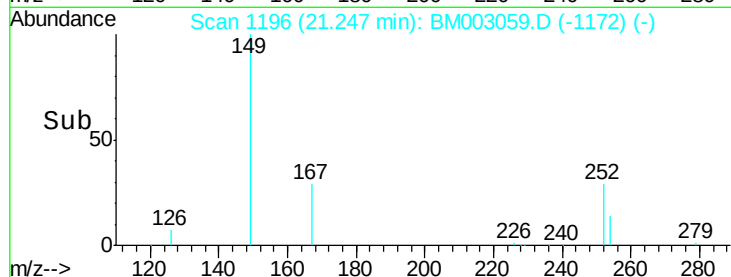
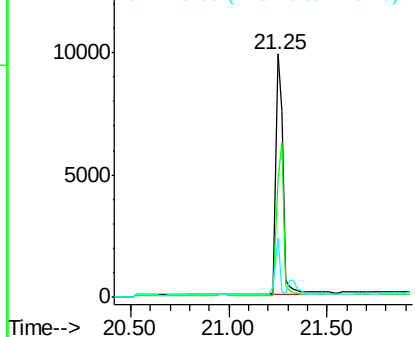
#31
 3,3'-Dichlorobenzidine
 Concen: 0.98 ng
 RT: 21.25 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BM003059.D
 Acq: 05 Nov 2015 11:21

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM110415

Tgt Ion: 252 Resp: 24354
 Ion Ratio Lower Upper
 252 100
 254 48.8 53.7 80.5#
 126 24.2 2.8 4.2#

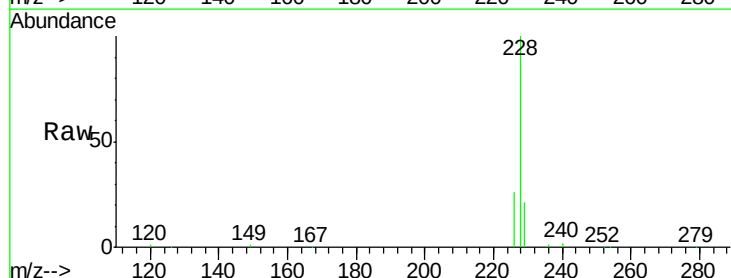


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

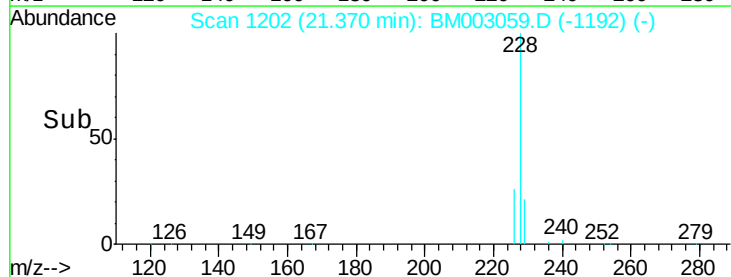
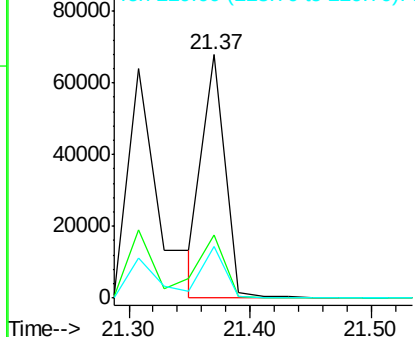


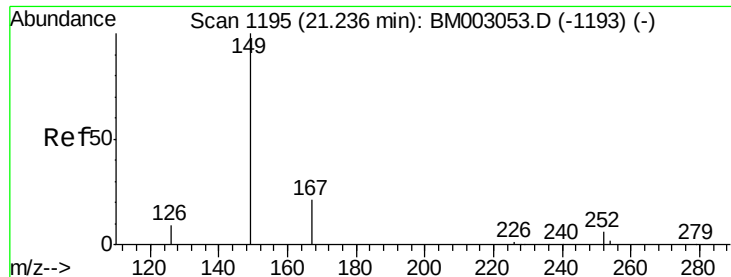
#32
 Chrysene
 Concen: 0.80 ng
 RT: 21.37 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BM003059.D
 Acq: 05 Nov 2015 11:21

Tgt Ion: 228 Resp: 85870
 Ion Ratio Lower Upper
 228 100
 226 25.8 25.5 38.3
 229 21.4 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: 1.08 ng

RT: 21.25 min Scan# 1196

Delta R.T. 0.01 min

Lab File: BM003059.D

Acq: 05 Nov 2015 11:21

Instrument :

BNA_M

ClientSampleId :

ICVBM110415

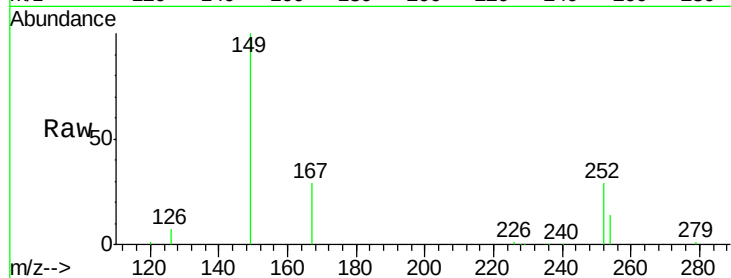
Tgt Ion:149 Resp: 45654

Ion Ratio Lower Upper

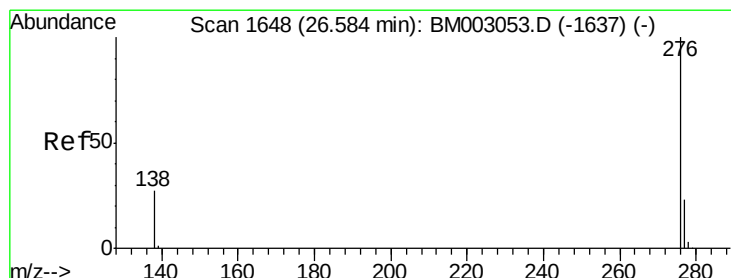
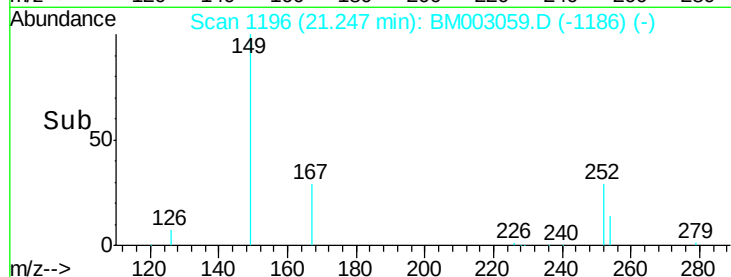
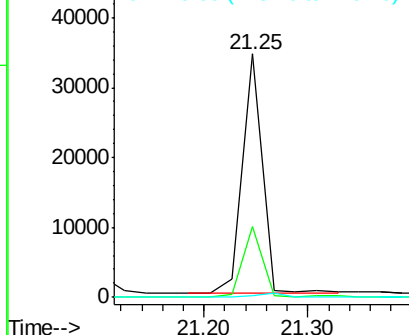
149 100

167 28.3 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: 1.06 ng

RT: 26.58 min Scan# 1648

Delta R.T. 0.00 min

Lab File: BM003059.D

Acq: 05 Nov 2015 11:21

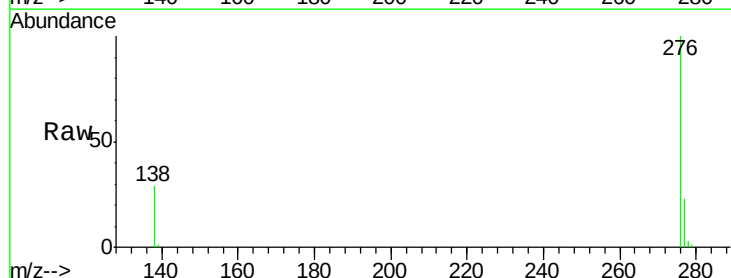
Tgt Ion:276 Resp: 86215

Ion Ratio Lower Upper

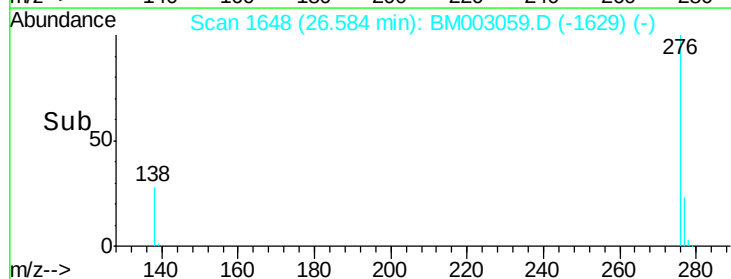
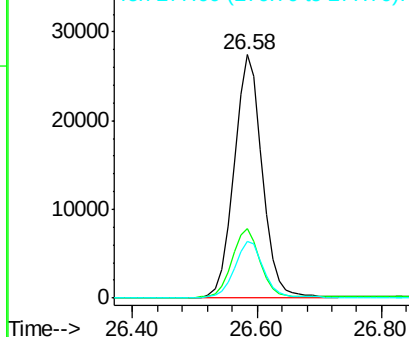
276 100

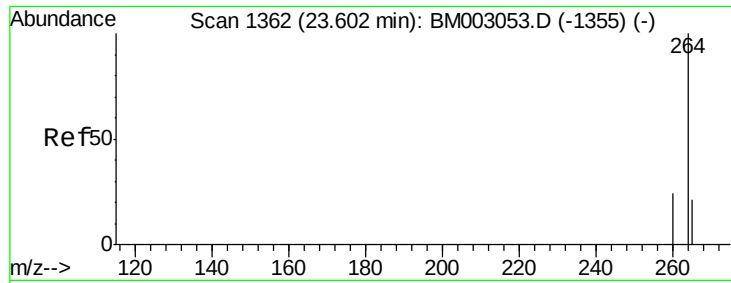
138 28.3 22.6 33.8

277 23.5 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

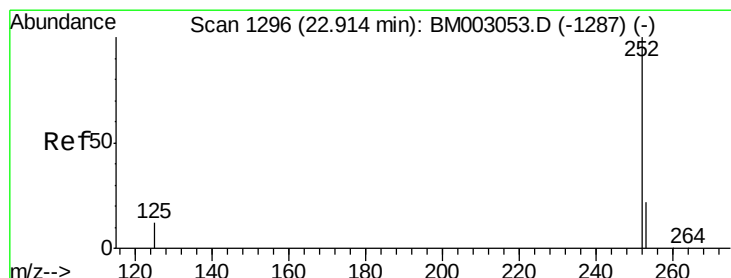
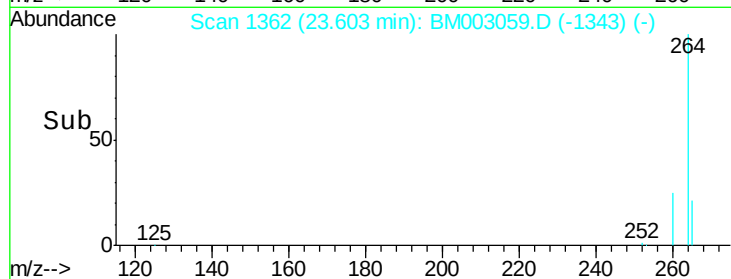
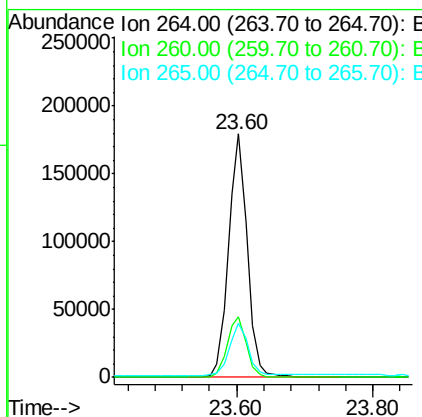
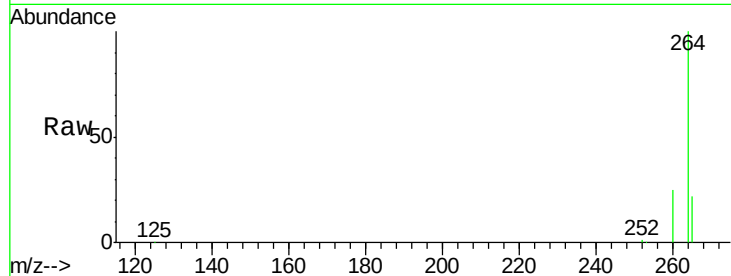




#35
Perylene-d12
 Concen: 5.00 ng
 RT: 23.60 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: BM003059.D
 Acq: 05 Nov 2015 11:21

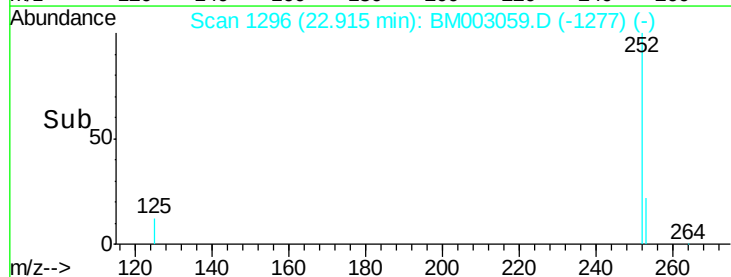
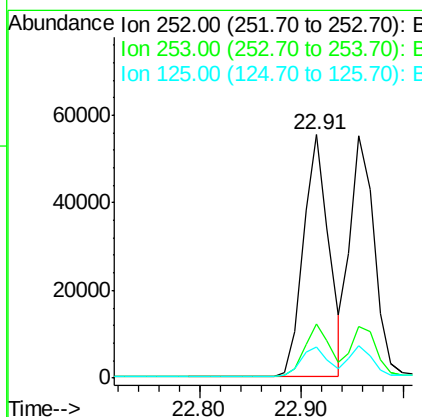
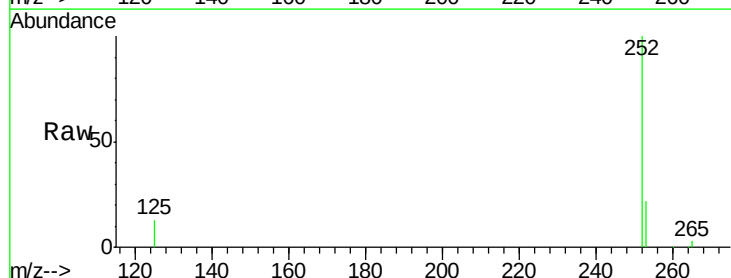
Instrument :
 BNA_M
 ClientSampleId :
 ICVBM110415

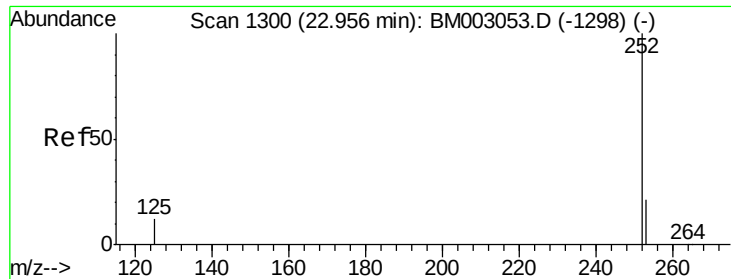
Tgt Ion: 264 Resp: 340936
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.6 29.4
 265 22.3 18.4 27.6



#36
Benzo(b)fluoranthene
 Concen: 0.92 ng
 RT: 22.91 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: BM003059.D
 Acq: 05 Nov 2015 11:21

Tgt Ion: 252 Resp: 95724
 Ion Ratio Lower Upper
 252 100
 253 22.3 18.2 27.4
 125 12.8 10.3 15.5





#37

Benzo(k)fluoranthene

Concen: 0.98 ng

RT: 22.96 min Scan# 1300

Delta R.T. 0.00 min

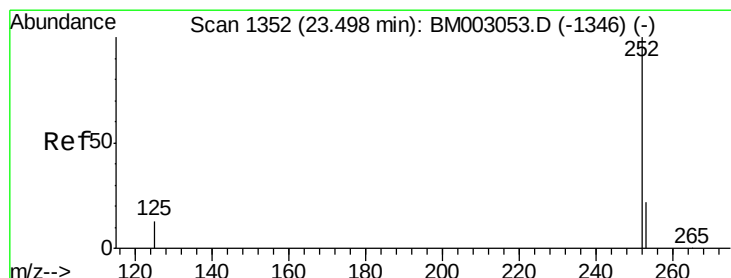
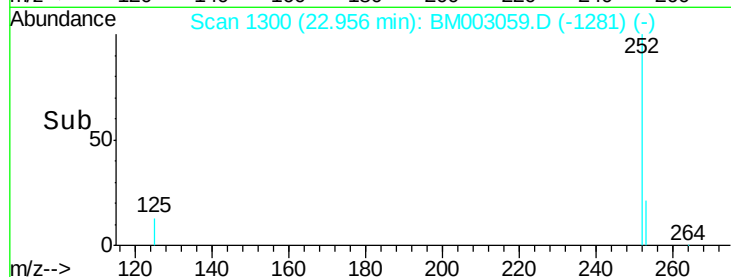
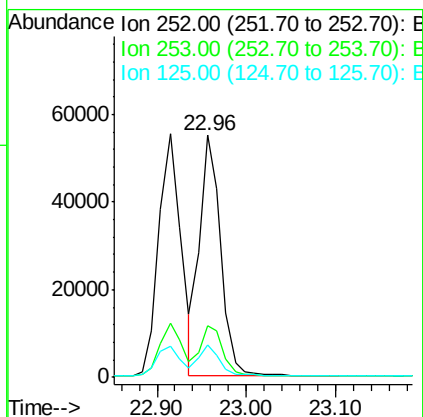
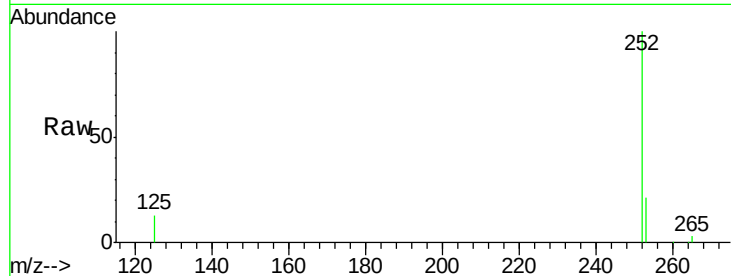
Lab File: BM003059.D

Acq: 05 Nov 2015 11:21

Instrument :
BNA_M
ClientSampleId :
ICVBM110415

Tgt Ion: 252 Resp: 91303

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.5	26.3
125	13.3	10.7	16.1



#38

Benzo(a)pyrene

Concen: 0.92 ng

RT: 23.50 min Scan# 1352

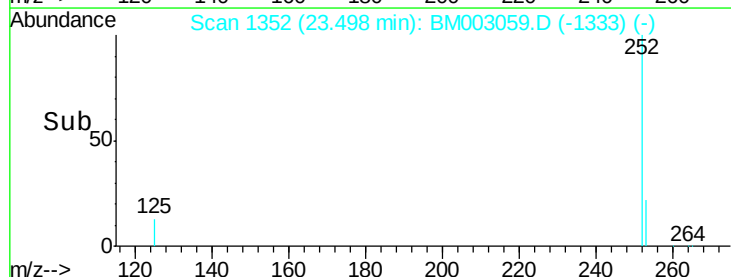
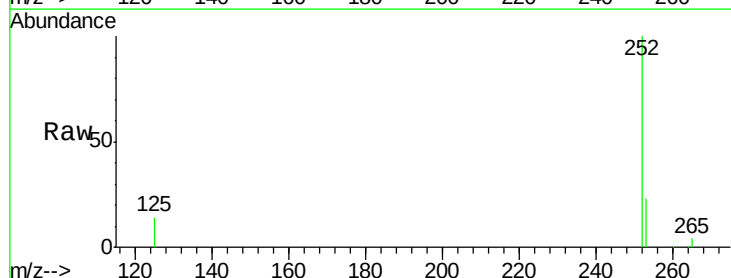
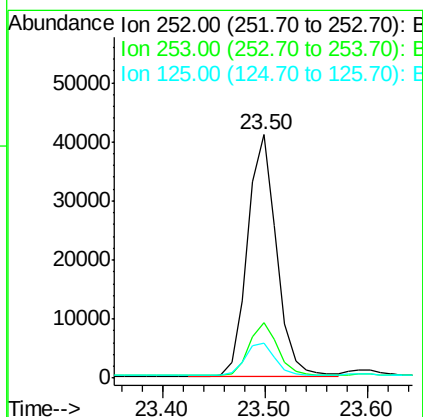
Delta R.T. 0.00 min

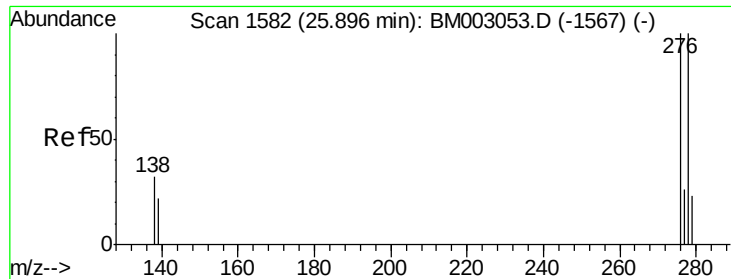
Lab File: BM003059.D

Acq: 05 Nov 2015 11:21

Tgt Ion: 252 Resp: 80808

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.7	28.1
125	14.4	11.6	17.4





#39

Dibenzo(a,h)anthracene

Concen: 0.98 ng

RT: 25.91 min Scan# 1583

Delta R.T. 0.01 min

Lab File: BM003059.D

Acq: 05 Nov 2015 11:21

Instrument :

BNA_M

ClientSampleId :

ICVBM110415

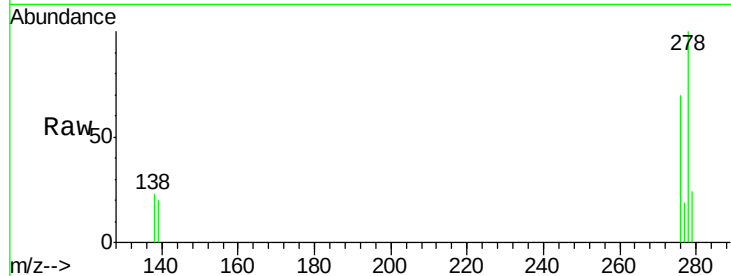
Tgt Ion: 278 Resp: 83311

Ion Ratio Lower Upper

278 100

139 19.9 18.2 27.4

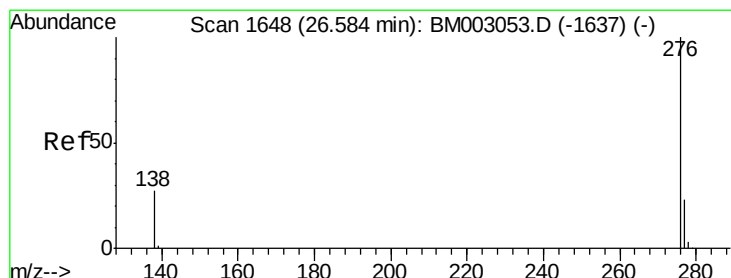
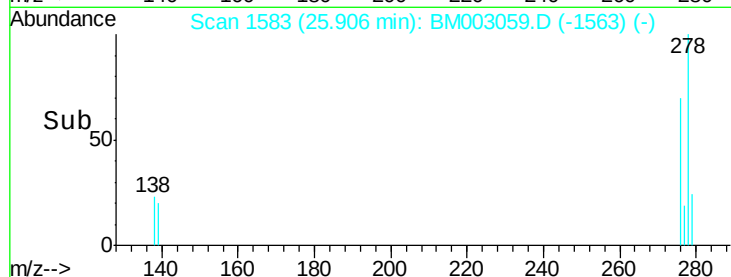
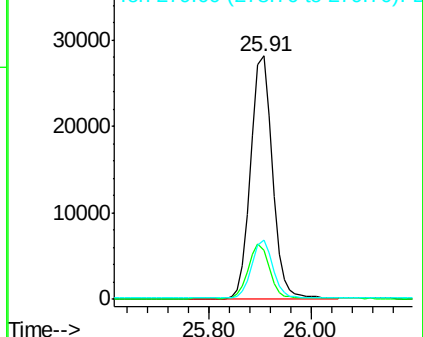
279 24.4 18.8 28.2



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: 0.94 ng

RT: 26.58 min Scan# 1648

Delta R.T. 0.00 min

Lab File: BM003059.D

Acq: 05 Nov 2015 11:21

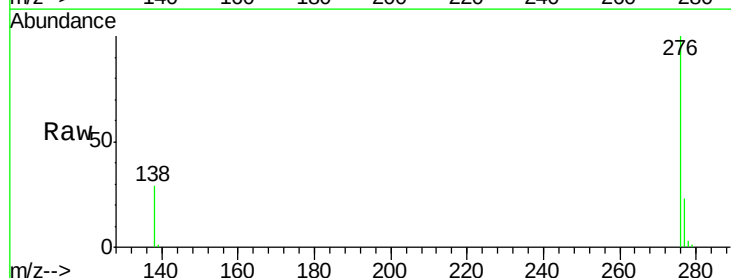
Tgt Ion: 276 Resp: 86285

Ion Ratio Lower Upper

276 100

277 23.3 19.0 28.6

138 28.7 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

