

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110515\
 Data File : BM003068.D
 Acq On : 05 Nov 2015 17:34
 Operator : UM/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

Quant Time: Nov 06 00:13:09 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	113531	5.00	ng	0.00
7) Naphthalene-d8	10.54	136	452584	5.00	ng	0.00
13) Acenaphthene-d10	14.39	164	225128	5.00	ng	0.00
19) Phenanthrene-d10	17.14	188	486374	5.00	ng	0.00
26) Chrysene-d12	21.33	240	399493	5.00	ng	0.00
35) Perylene-d12	23.60	264	348348	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	23620	0.98	ng	0.00
5) Phenol-d6	6.92	99	27896	1.00	ng	0.00
8) Nitrobenzene-d5	8.92	82	21252	1.02	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	5865	1.01	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	68206	0.96	ng	0.00
29) Terphenyl-d14	19.77	244	52816	0.92	ng	0.00

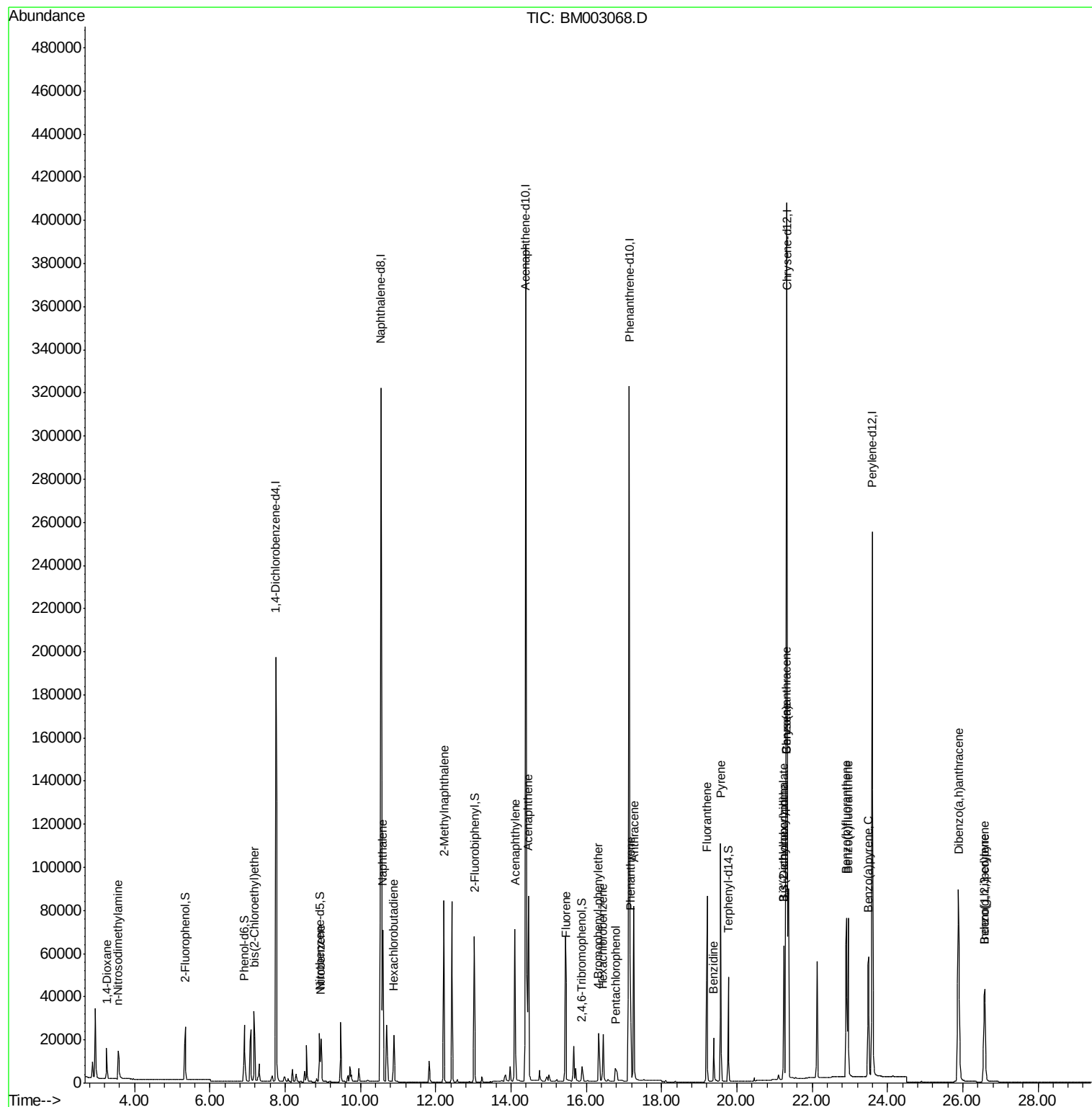
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.26	88	10182	0.97	ng	99
3) n-Nitrosodimethylamine	3.57	42	10199	0.96	ng	95
6) bis(2-Chloroethyl)ether	7.17	93	25976	0.97	ng	99
9) Nitrobenzene	8.95	77	22793	1.01	ng	98
10) Naphthalene	10.60	128	94462	0.97	ng	98
11) Hexachlorobutadiene	10.89	225	14933	0.99	ng	99
12) 2-Methylnaphthalene	12.22	142	61770	0.98	ng	94
16) Acenaphthylene	14.11	152	87424	1.00	ng	99
17) Acenaphthene	14.46	154	58749	0.97	ng	# 100
18) Fluorene	15.46	166	61005	0.95	ng	# 11
20) 4-Bromophenyl-phenylether	16.32	248	14253	0.93	ng	# 38
21) Hexachlorobenzene	16.45	284	20733	0.96	ng	# 78
22) Pentachlorophenol	16.78	266	6706	1.04	ng	90
23) Phenanthrene	17.17	178	88942	0.90	ng	99
24) Anthracene	17.27	178	101518	0.98	ng	99
25) Fluoranthene	19.21	202	96503	0.94	ng	100
27) Benzidine	19.38	184	29992	0.97	ng	96
28) Pyrene	19.57	202	105103	0.91	ng	100
30) Benzo(a)anthracene	21.31	228	119195	1.18	ng	# 88
31) 3,3'-Dichlorobenzidine	21.25	252	24961	0.98	ng	# 79
32) Chrysene	21.31	228	119167	1.15	ng	97
33) Bis(2-ethylhexyl)phthalate	21.25	149	42523	1.01	ng	# 90
34) Indeno(1,2,3-cd)pyrene	26.58	276	89163	1.08	ng	100
36) Benzo(b)fluoranthene	22.91	252	100971	0.95	ng	99
37) Benzo(k)fluoranthene	22.96	252	88686	0.93	ng	99
38) Benzo(a)pyrene	23.50	252	82900	0.93	ng	99
39) Dibenzo(a,h)anthracene	25.90	278	86068	0.99	ng	99
40) Benzo(g,h,i)perylene	26.58	276	89227	0.95	ng	100

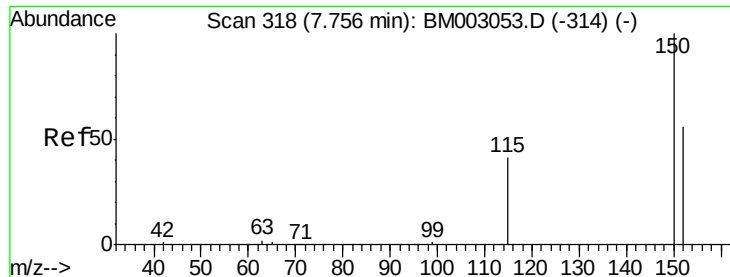
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM003068.D

Acq: 05 Nov 2015 17:34

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

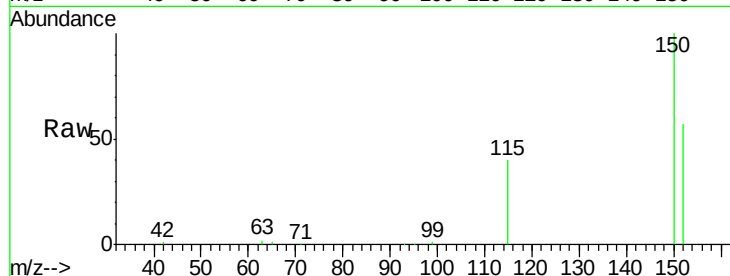
Tgt Ion:152 Resp: 113531

Ion Ratio Lower Upper

152 100

150 175.1 143.6 215.4

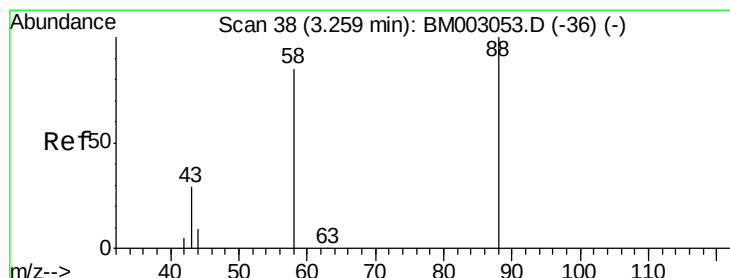
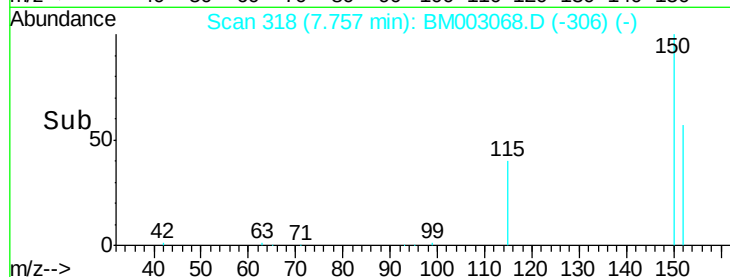
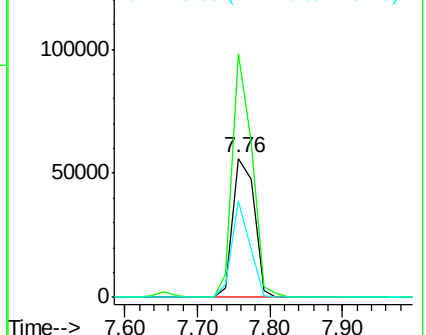
115 69.7 58.5 87.7



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: 0.97 ng

RT: 3.26 min Scan# 38

Delta R.T. 0.00 min

Lab File: BM003068.D

Acq: 05 Nov 2015 17:34

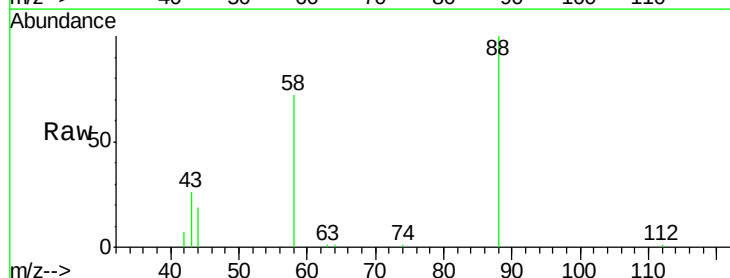
Tgt Ion: 88 Resp: 10182

Ion Ratio Lower Upper

88 100

58 68.1 55.2 82.8

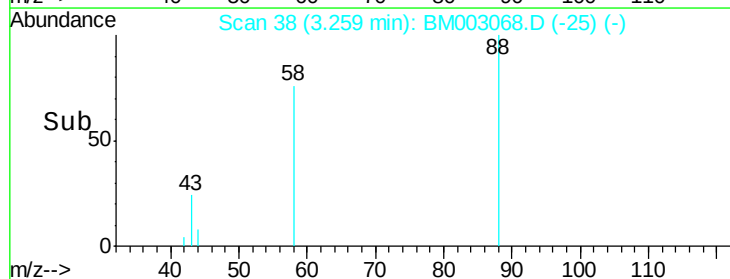
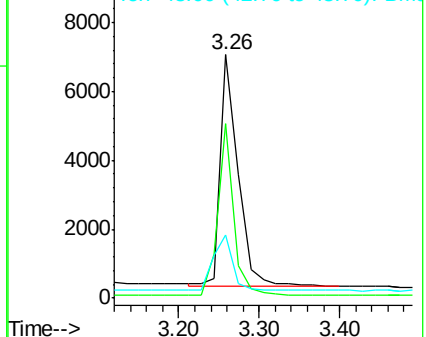
43 27.0 21.8 32.6

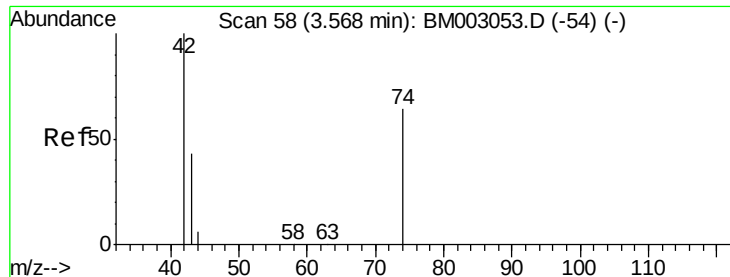


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 0.96 ng

RT: 3.57 min Scan# 58

Delta R.T. 0.00 min

Lab File: BM003068.D

Acq: 05 Nov 2015 17:34

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

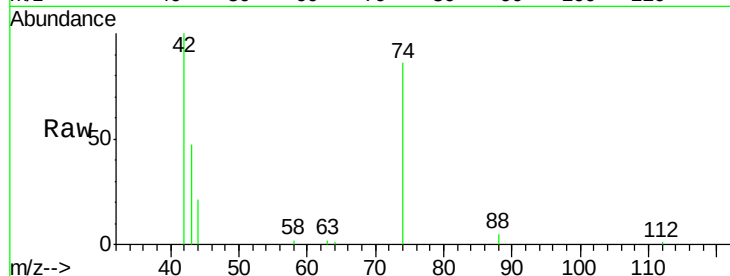
Tgt Ion: 42 Resp: 10199

Ion Ratio Lower Upper

42 100

74 131.7 101.0 151.4

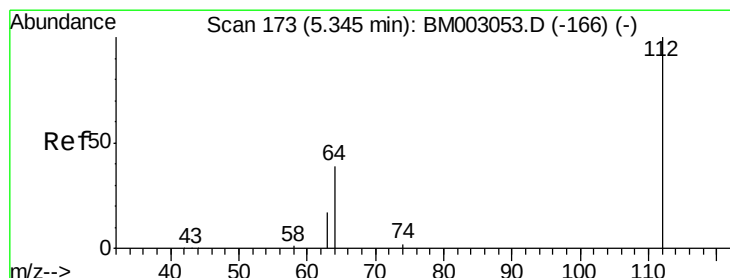
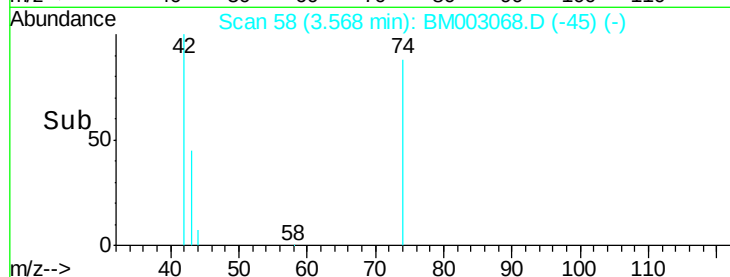
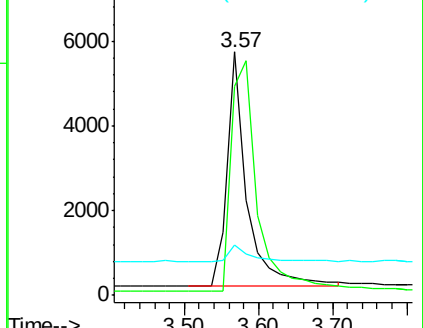
44 7.0 6.3 9.5



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: 0.98 ng

RT: 5.35 min Scan# 173

Delta R.T. 0.00 min

Lab File: BM003068.D

Acq: 05 Nov 2015 17:34

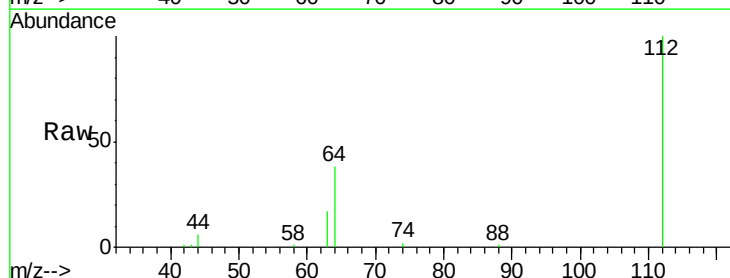
Tgt Ion: 112 Resp: 23620

Ion Ratio Lower Upper

112 100

64 50.9 41.2 61.8

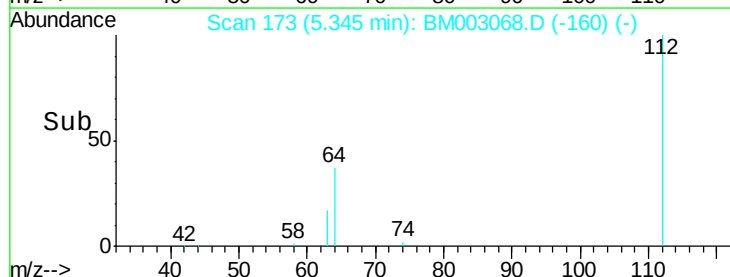
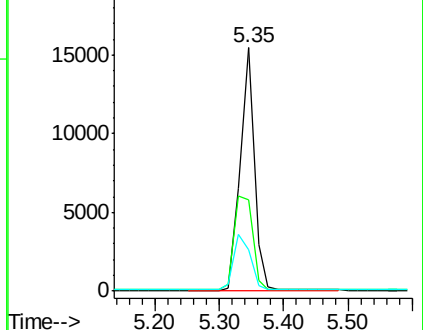
63 26.3 21.2 31.8

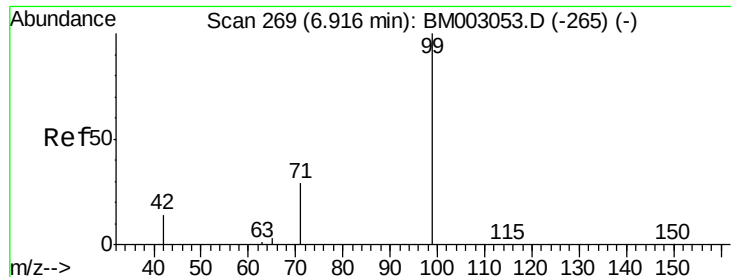


Abundance Ion 112.00 (111.70 to 112.70): BM003053.D (-166) (-)

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: 1.00 ng

RT: 6.92 min Scan# 269

Delta R.T. 0.00 min

Lab File: BM003068.D

Acq: 05 Nov 2015 17:34

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

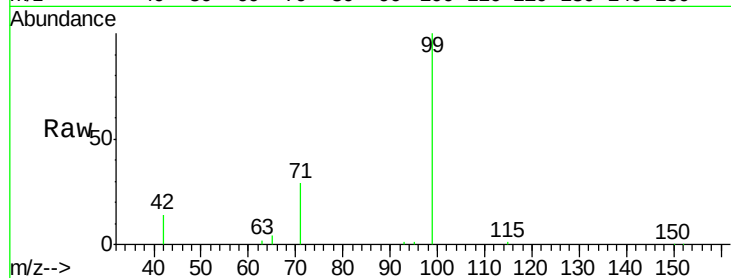
Tgt Ion: 99 Resp: 27896

Ion Ratio Lower Upper

99 100

42 18.0 14.6 22.0

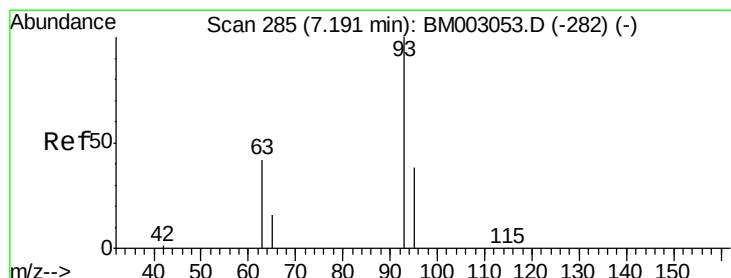
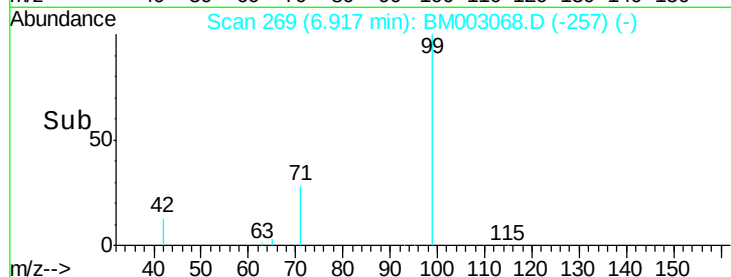
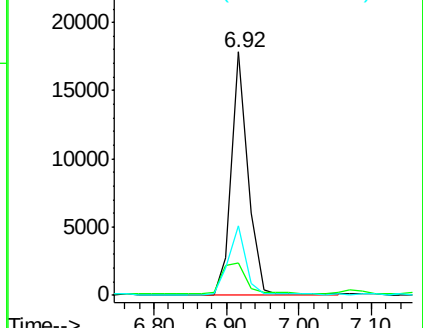
71 29.2 23.3 34.9



Abundance Ion 99.00 (98.70 to 99.70): BM003068.D (-257) (-)

Ion 42.00 (41.70 to 42.70): BM003068.D (-257) (-)

Ion 71.00 (70.70 to 71.70): BM003068.D (-257) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.97 ng

RT: 7.17 min Scan# 284

Delta R.T. -0.02 min

Lab File: BM003068.D

Acq: 05 Nov 2015 17:34

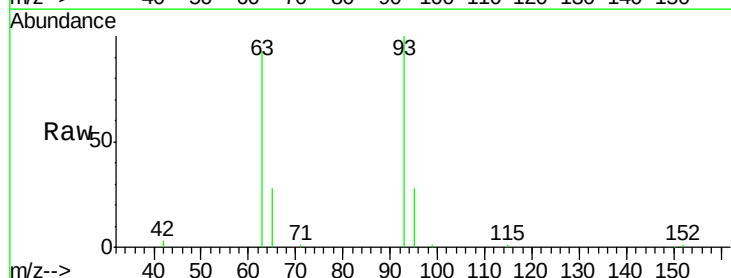
Tgt Ion: 93 Resp: 25976

Ion Ratio Lower Upper

93 100

63 71.9 58.2 87.4

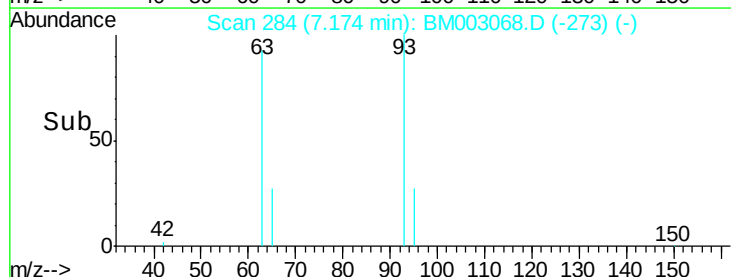
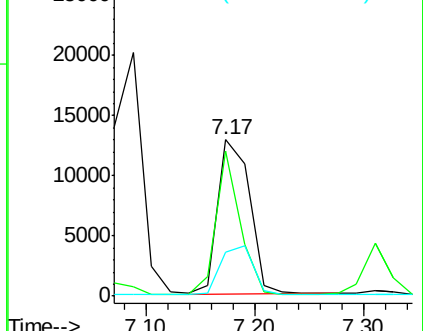
95 32.2 26.2 39.4

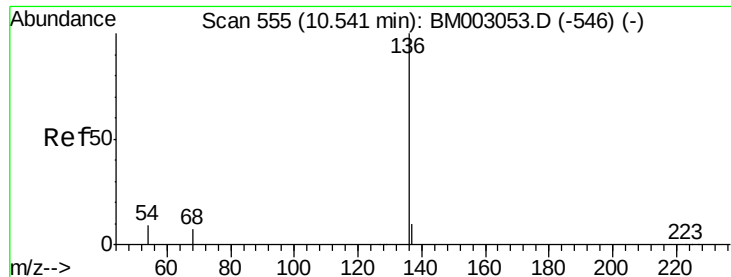


Abundance Ion 93.00 (92.70 to 93.70): BM003068.D (-273) (-)

Ion 63.00 (62.70 to 63.70): BM003068.D (-273) (-)

Ion 95.00 (94.70 to 95.70): BM003068.D (-273) (-)





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.54 min Scan# 556

Delta R.T. 0.00 min

Lab File: BM003068.D

Acq: 05 Nov 2015 17:34

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

Tgt Ion:136 Resp: 452584

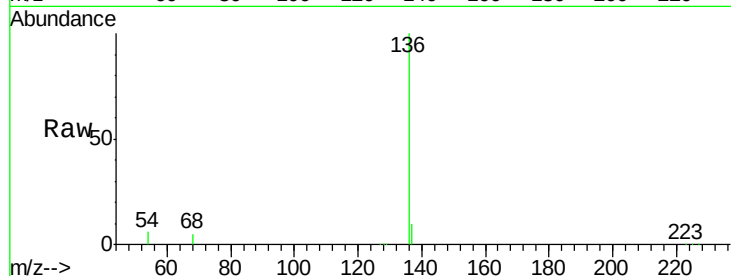
Ion Ratio Lower Upper

136 100

137 10.5 8.0 12.0

54 6.5 7.4 11.0#

68 5.4 5.8 8.6#

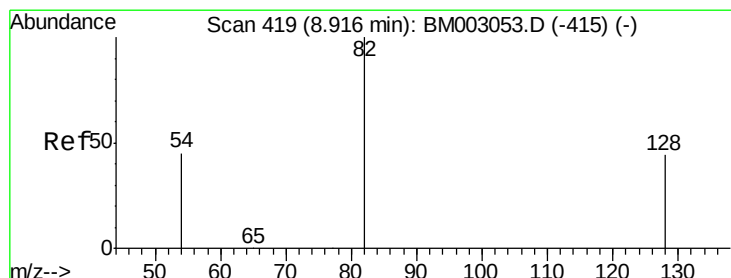
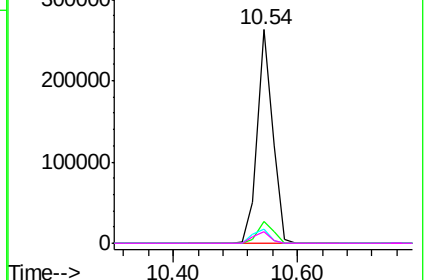
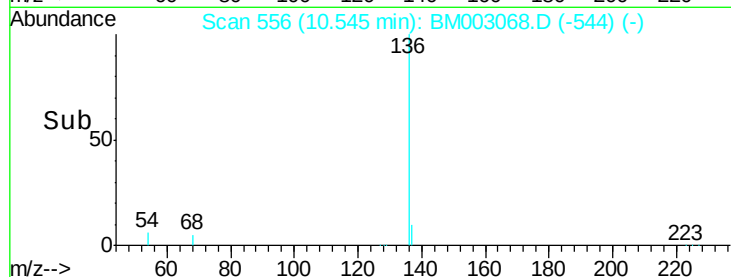


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.02 ng

RT: 8.92 min Scan# 420

Delta R.T. 0.00 min

Lab File: BM003068.D

Acq: 05 Nov 2015 17:34

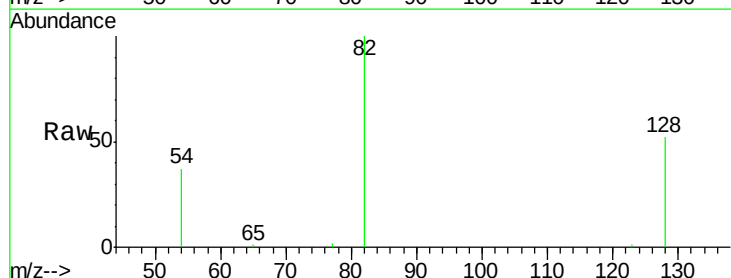
Tgt Ion: 82 Resp: 21252

Ion Ratio Lower Upper

82 100

128 52.0 35.2 52.8

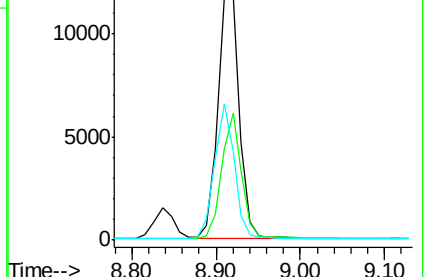
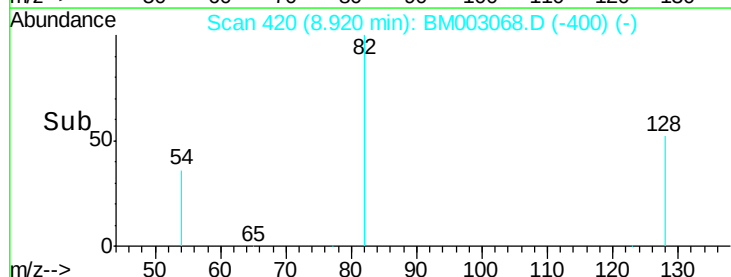
54 36.7 36.4 54.6

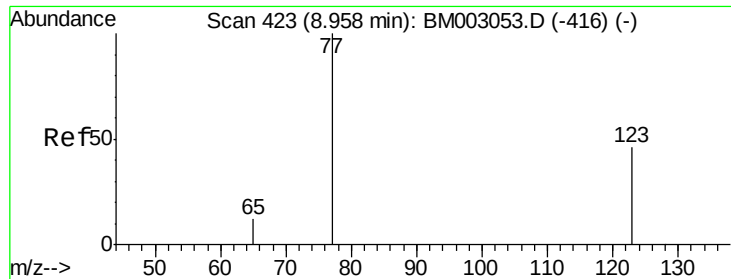


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#9

Nitrobenzene

Concen: 1.01 ng

RT: 8.95 min Scan# 423

Delta R.T. -0.01 min

Lab File: BM003068.D

Acq: 05 Nov 2015 17:34

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

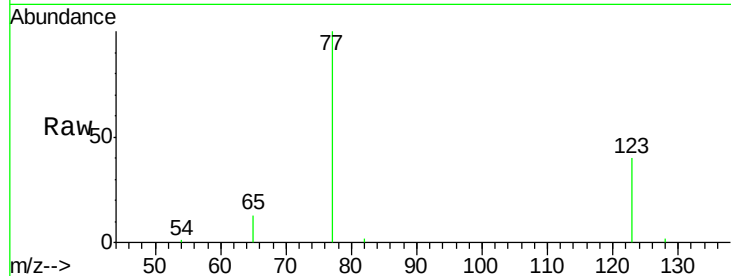
Tgt Ion: 77 Resp: 22793

Ion Ratio Lower Upper

77 100

123 48.7 37.7 56.5

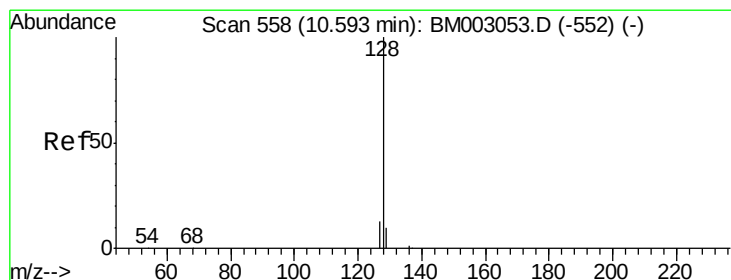
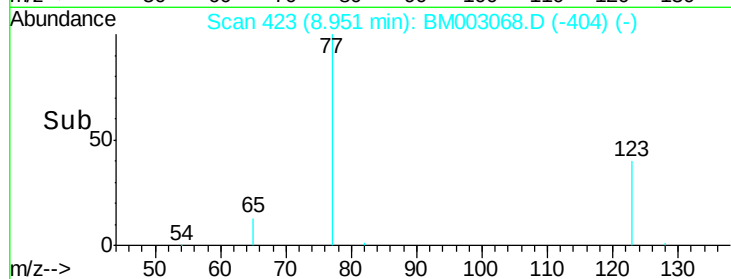
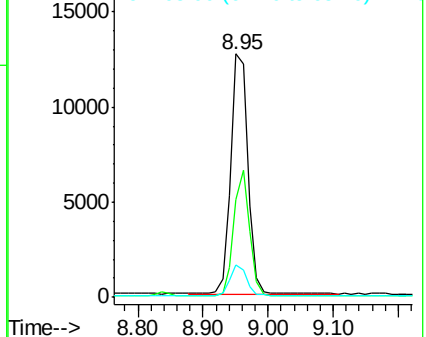
65 12.4 9.8 14.6



Abundance Ion 77.00 (76.70 to 77.70): BM003053.D (-416) (-)

Ion 123.00 (122.70 to 123.70): BM003053.D (-416) (-)

Ion 65.00 (64.70 to 65.70): BM003053.D (-416) (-)



#10

Naphthalene

Concen: 0.97 ng

RT: 10.60 min Scan# 559

Delta R.T. 0.00 min

Lab File: BM003068.D

Acq: 05 Nov 2015 17:34

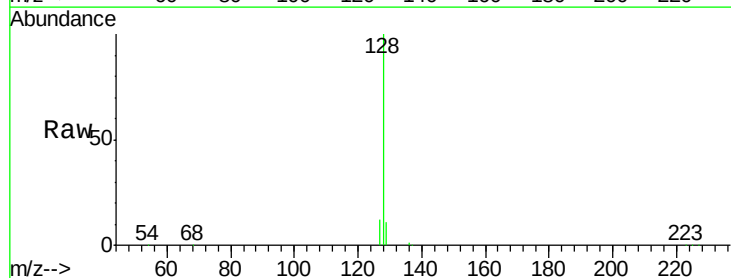
Tgt Ion: 128 Resp: 94462

Ion Ratio Lower Upper

128 100

129 11.2 8.5 12.7

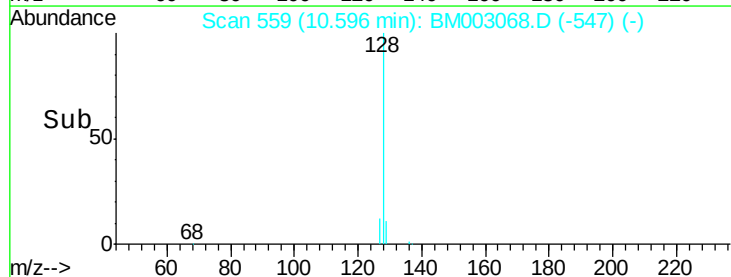
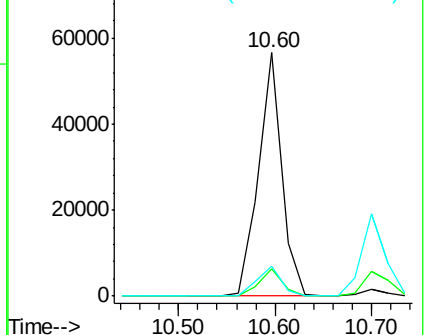
127 12.2 10.6 16.0

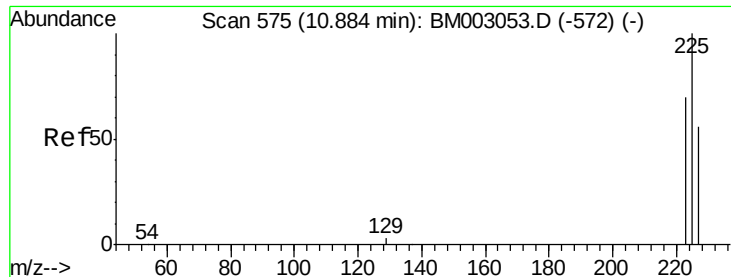


Abundance Ion 128.00 (127.70 to 128.70): BM003053.D (-552) (-)

Ion 129.00 (128.70 to 129.70): BM003053.D (-552) (-)

Ion 127.00 (126.70 to 127.70): BM003053.D (-552) (-)

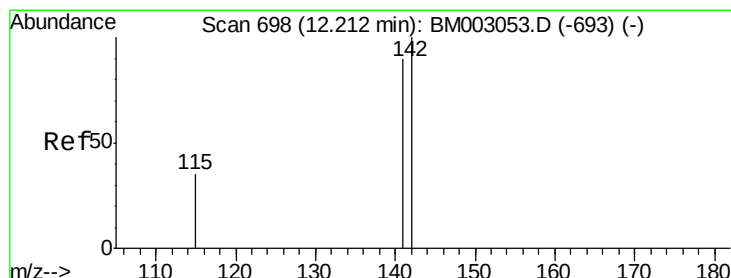
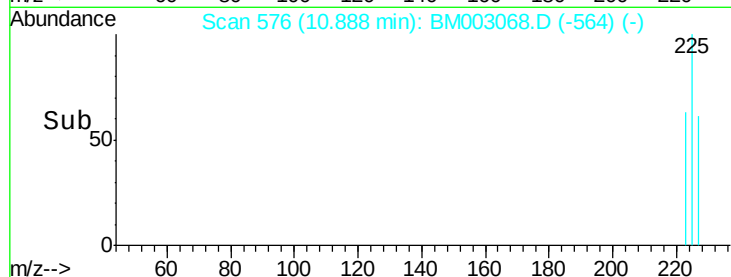
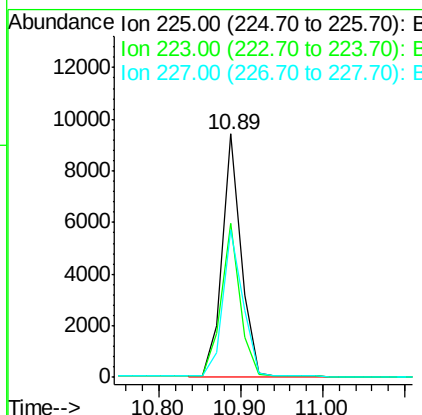
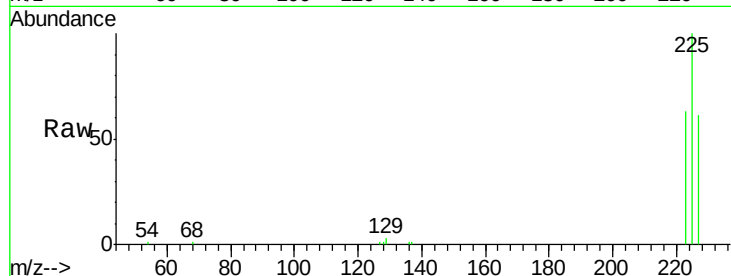




#11
Hexachlorobutadiene
Concen: 0.99 ng
RT: 10.89 min Scan# 576
Delta R.T. 0.00 min
Lab File: BM003068.D
Acq: 05 Nov 2015 17:34

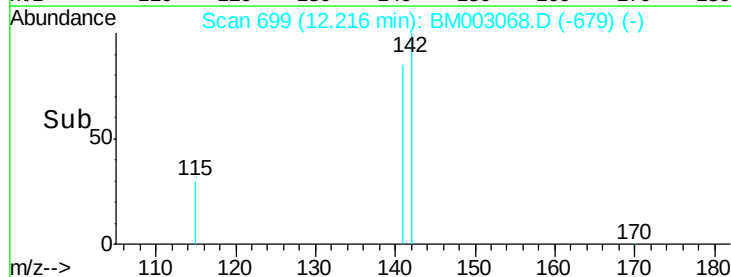
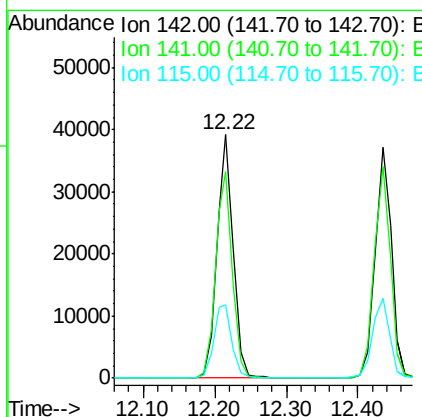
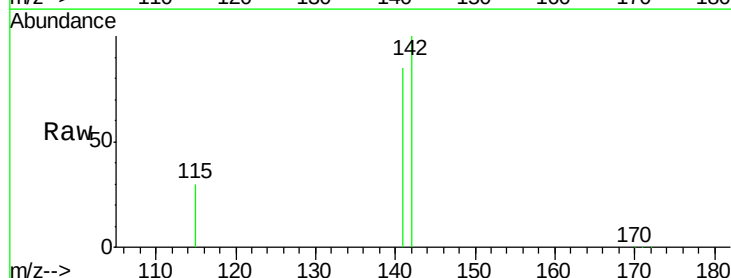
Instrument :
BNA_M
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SSTDCCC001EC

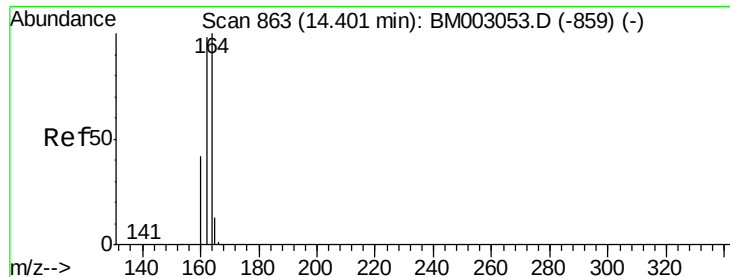
Tgt Ion: 225 Resp: 14933
Ion Ratio Lower Upper
225 100
223 64.9 53.0 79.4
227 64.3 52.2 78.4



#12
2-Methylnaphthalene
Concen: 0.98 ng
RT: 12.22 min Scan# 699
Delta R.T. 0.00 min
Lab File: BM003068.D
Acq: 05 Nov 2015 17:34

Tgt Ion: 142 Resp: 61770
Ion Ratio Lower Upper
142 100
141 85.0 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: BM003068.D

Acq: 05 Nov 2015 17:34

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

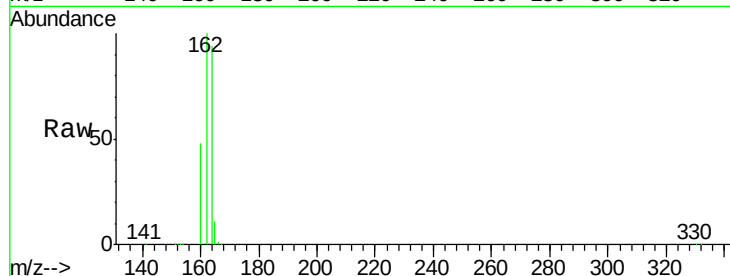
Tgt Ion:164 Resp: 225128

Ion Ratio Lower Upper

164 100

162 106.5 78.3 117.5

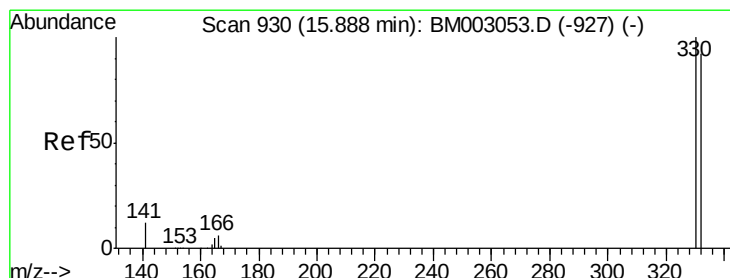
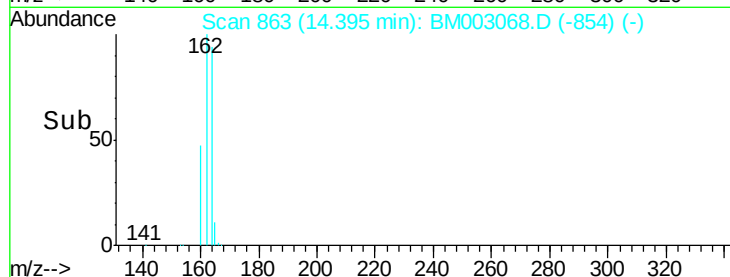
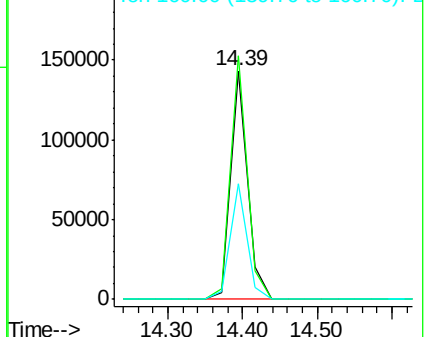
160 50.6 33.8 50.6



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: 1.01 ng

RT: 15.88 min Scan# 930

Delta R.T. -0.01 min

Lab File: BM003068.D

Acq: 05 Nov 2015 17:34

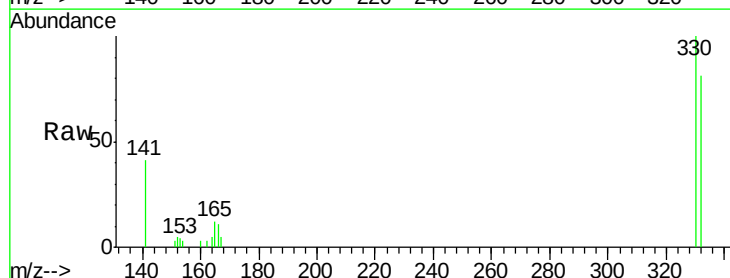
Tgt Ion:330 Resp: 5865

Ion Ratio Lower Upper

330 100

332 94.6 76.0 114.0

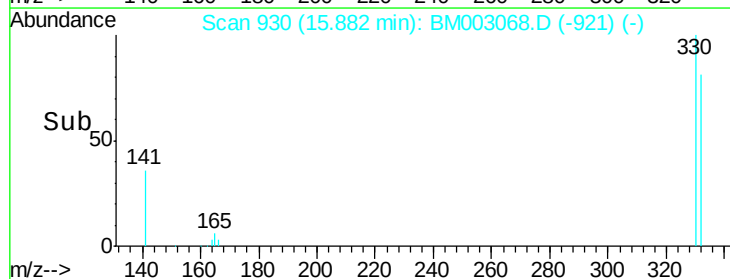
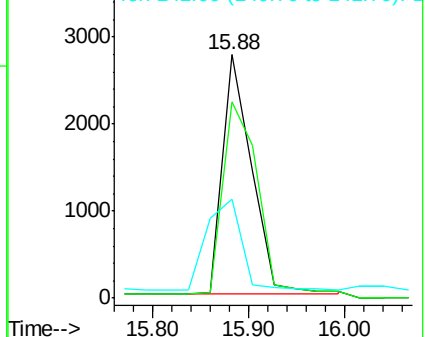
141 45.0 0.0 0.0#

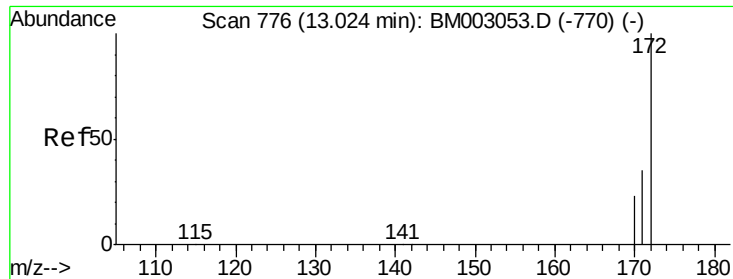


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

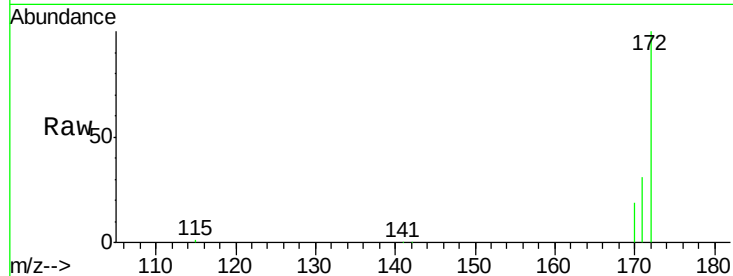




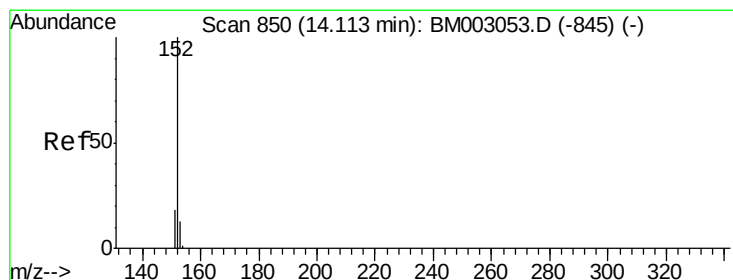
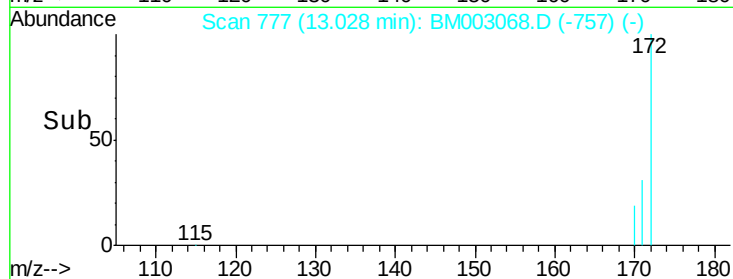
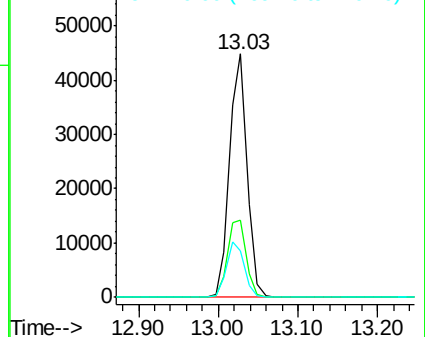
#15
2-Fluorobiphenyl
Concen: 0.96 ng
RT: 13.03 min Scan# 777
Delta R.T. 0.00 min
Lab File: BM003068.D
Acq: 05 Nov 2015 17:34

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:172 Resp: 68206
Ion Ratio Lower Upper
172 100
171 31.5 28.0 42.0
170 19.2 18.9 28.3

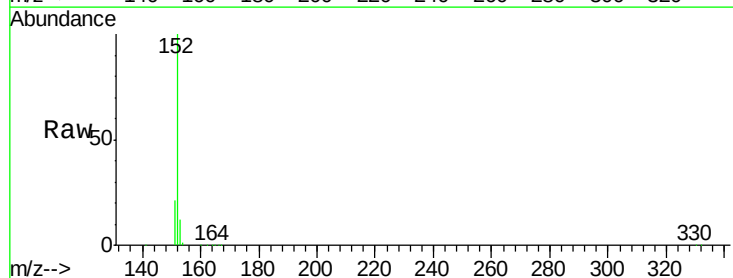


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

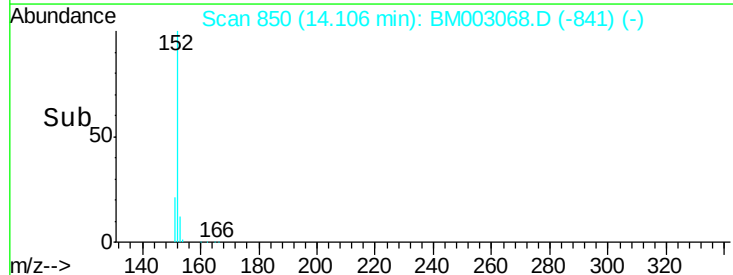
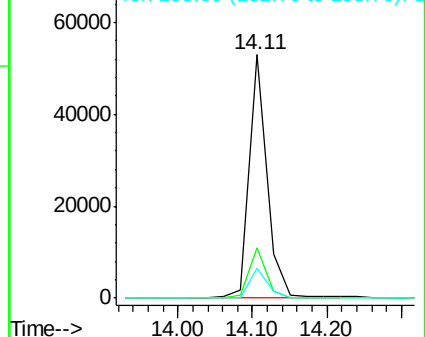


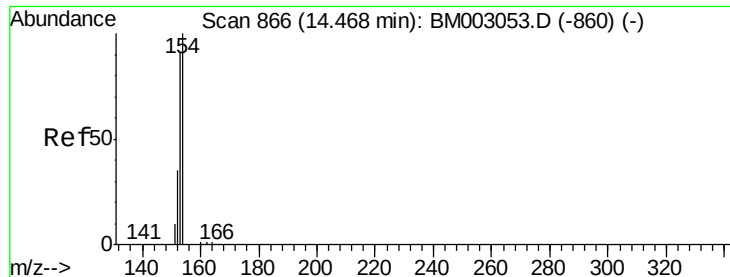
#16
Acenaphthylene
Concen: 1.00 ng
RT: 14.11 min Scan# 850
Delta R.T. -0.01 min
Lab File: BM003068.D
Acq: 05 Nov 2015 17:34

Tgt Ion:152 Resp: 87424
Ion Ratio Lower Upper
152 100
151 19.7 15.2 22.8
153 12.7 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

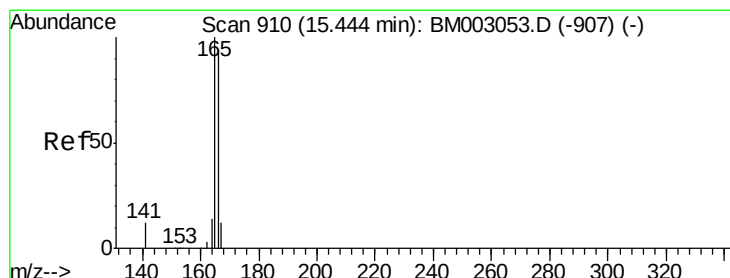
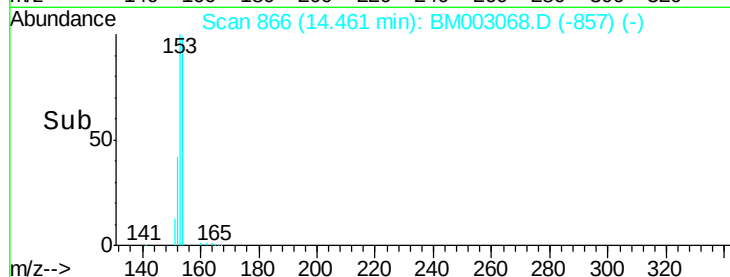
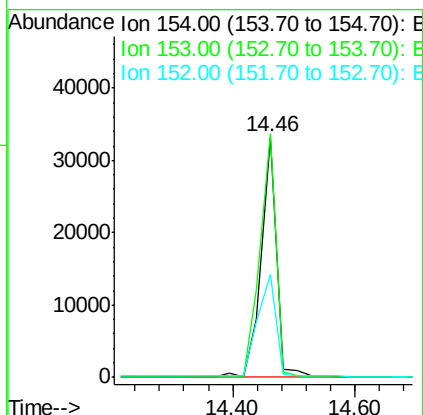
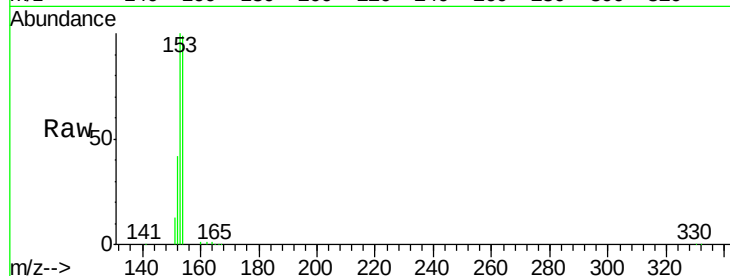




#17
Acenaphthene
Concen: 0.97 ng
RT: 14.46 min Scan# 866
Delta R.T. -0.01 min
Lab File: BM003068.D
Acq: 05 Nov 2015 17:34

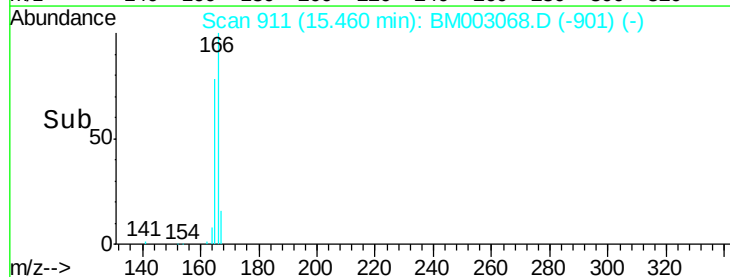
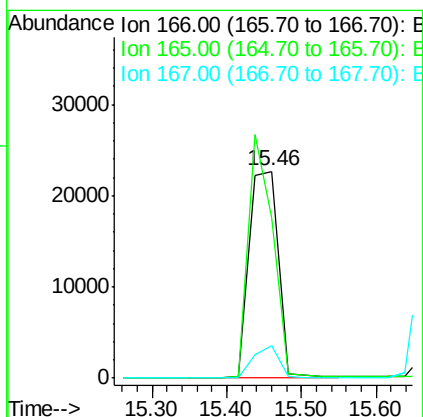
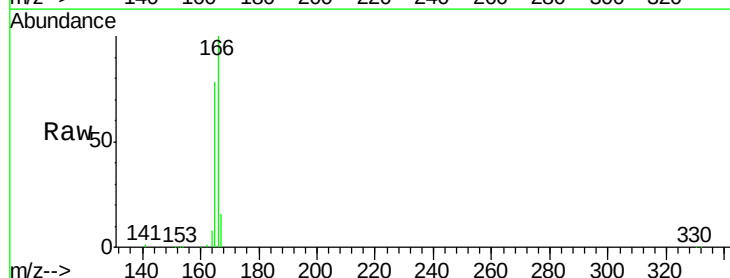
Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

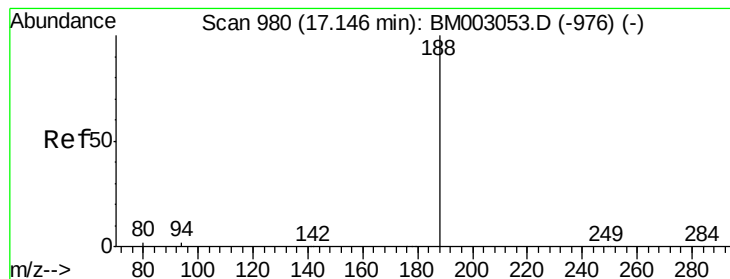
Tgt Ion:154 Resp: 58749
Ion Ratio Lower Upper
154 100
153 105.3 0.0 0.0#
152 49.9 0.0 0.0#



#18
Fluorene
Concen: 0.95 ng
RT: 15.46 min Scan# 911
Delta R.T. 0.02 min
Lab File: BM003068.D
Acq: 05 Nov 2015 17:34

Tgt Ion:166 Resp: 61005
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: BM003068.D

Acq: 05 Nov 2015 17:34

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

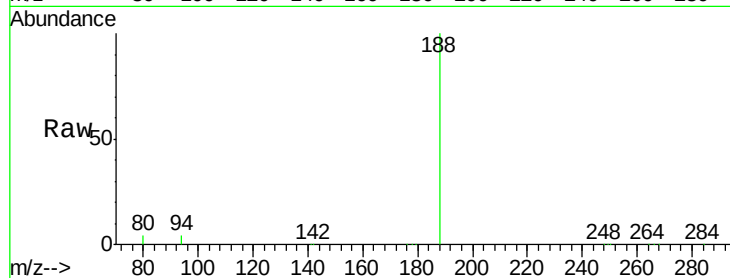
Tgt Ion:188 Resp: 486374

Ion Ratio Lower Upper

188 100

94 4.4 1.8 2.6#

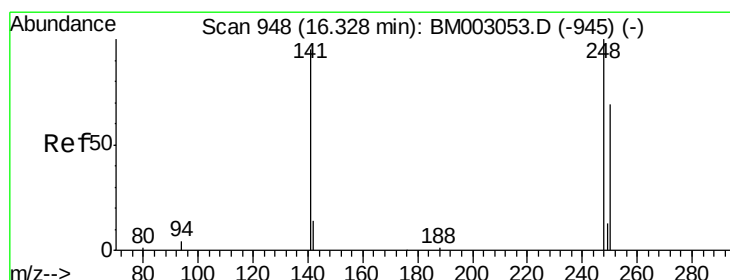
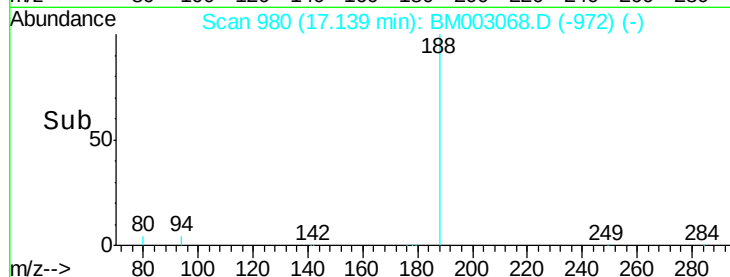
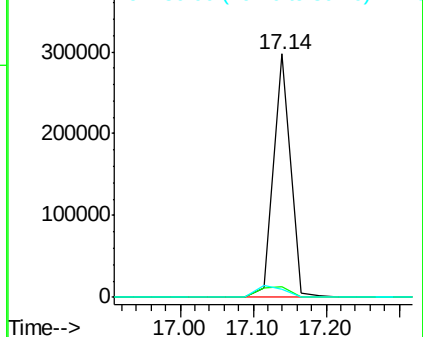
80 3.6 1.4 2.0#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#20

4-Bromophenyl-phenylether

Concen: 0.93 ng

RT: 16.32 min Scan# 948

Delta R.T. -0.01 min

Lab File: BM003068.D

Acq: 05 Nov 2015 17:34

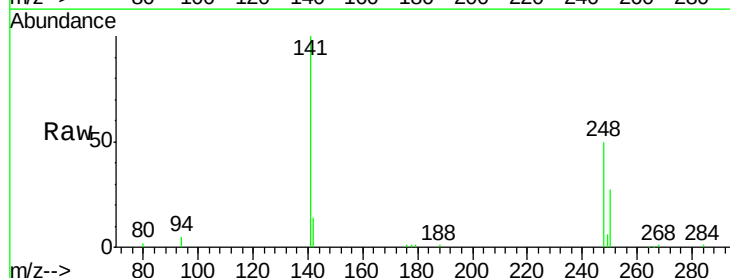
Tgt Ion:248 Resp: 14253

Ion Ratio Lower Upper

248 100

250 0.0 65.4 98.0#

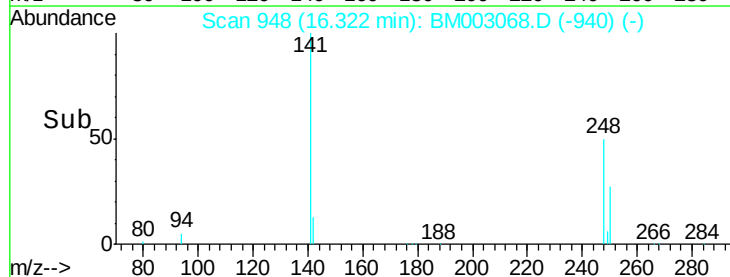
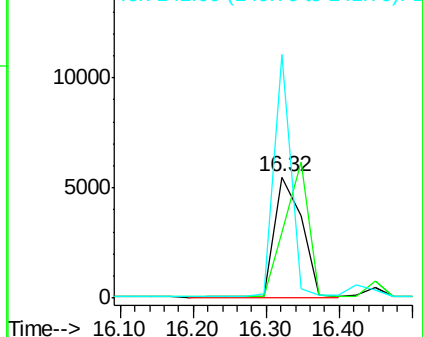
141 123.8 72.8 109.2#

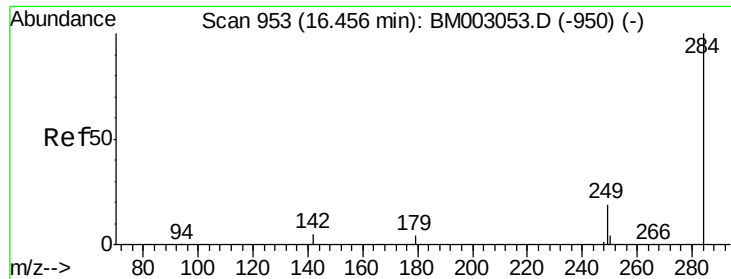


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

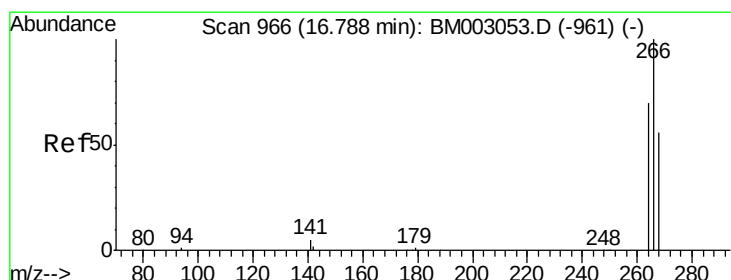
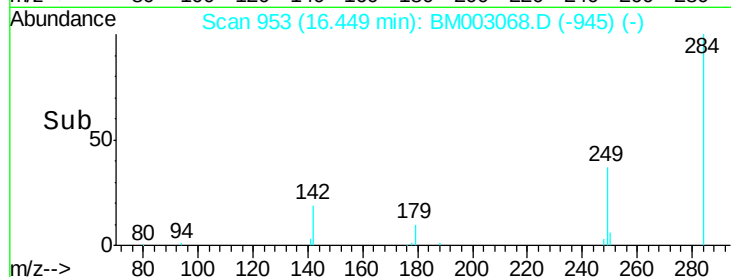
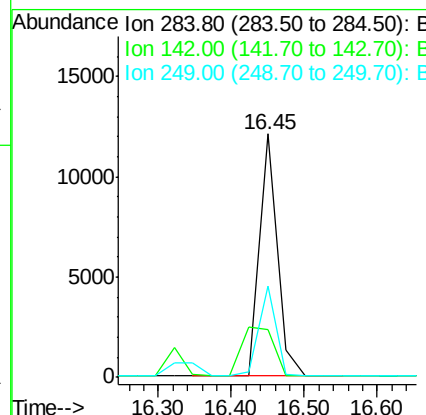
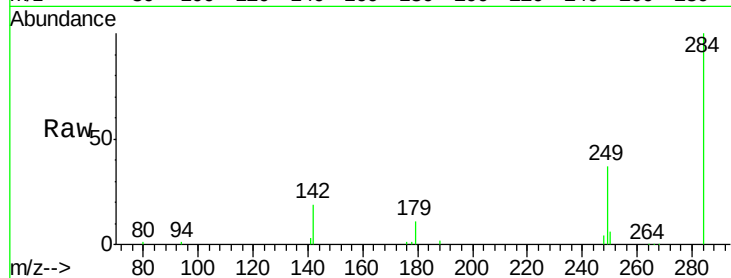




#21
Hexachlorobenzene
Concen: 0.96 ng
RT: 16.45 min Scan# 953
Delta R.T. -0.01 min
Lab File: BM003068.D
Acq: 05 Nov 2015 17:34

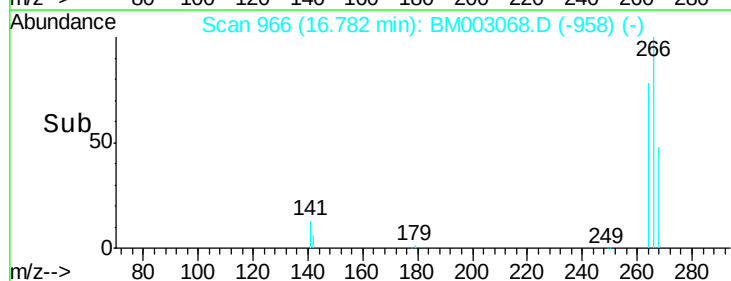
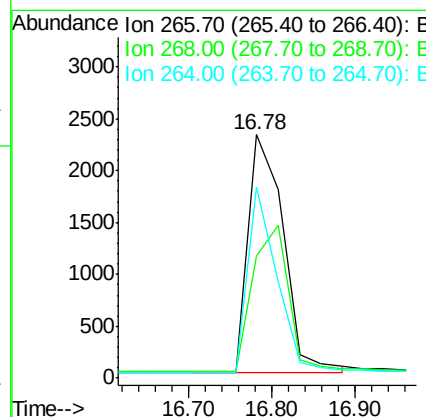
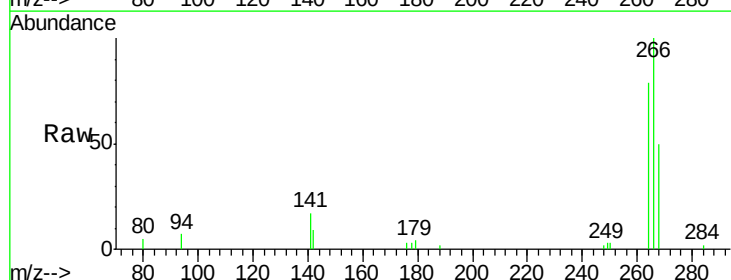
Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

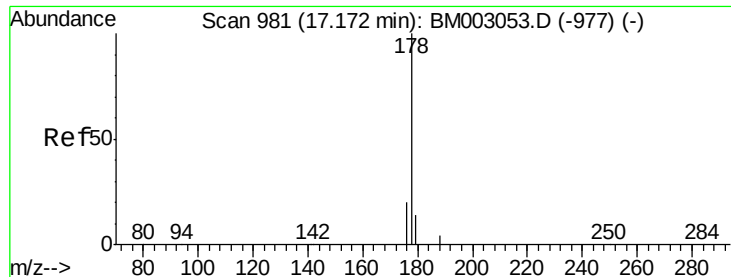
Tgt Ion: 284 Resp: 20733
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 35.2 19.4 29.2#



#22
Pentachlorophenol
Concen: 1.04 ng
RT: 16.78 min Scan# 966
Delta R.T. -0.01 min
Lab File: BM003068.D
Acq: 05 Nov 2015 17:34

Tgt Ion: 266 Resp: 6706
Ion Ratio Lower Upper
266 100
268 50.0 45.8 68.8
264 78.7 56.7 85.1





#23

Phenanthrene

Concen: 0.90 ng

RT: 17.17 min Scan# 981

Delta R.T. -0.01 min

Lab File: BM003068.D

Acq: 05 Nov 2015 17:34

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

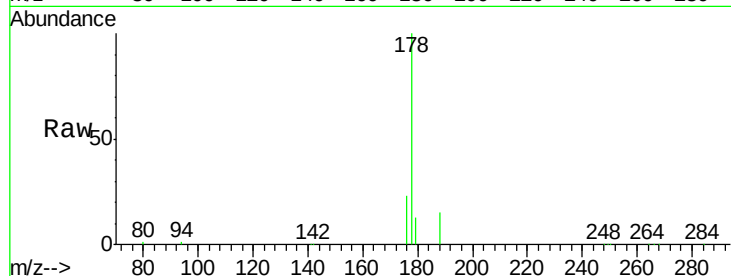
Tgt Ion:178 Resp: 88942

Ion Ratio Lower Upper

178 100

176 20.0 15.9 23.9

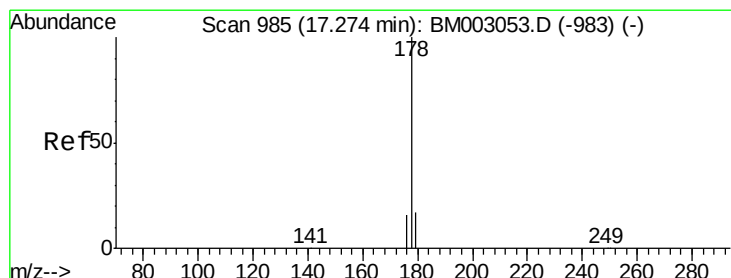
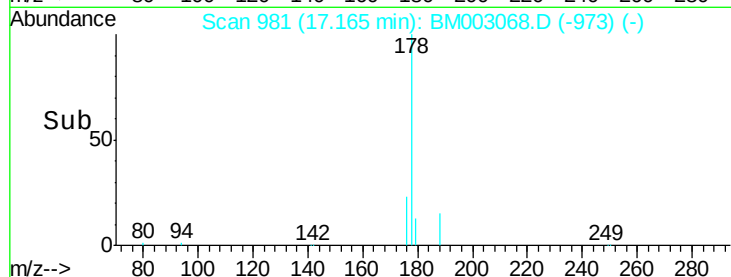
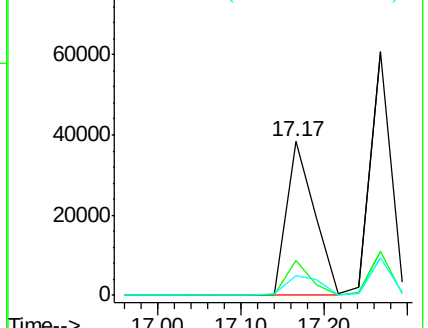
179 15.4 11.7 17.5



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: 0.98 ng

RT: 17.27 min Scan# 985

Delta R.T. -0.01 min

Lab File: BM003068.D

Acq: 05 Nov 2015 17:34

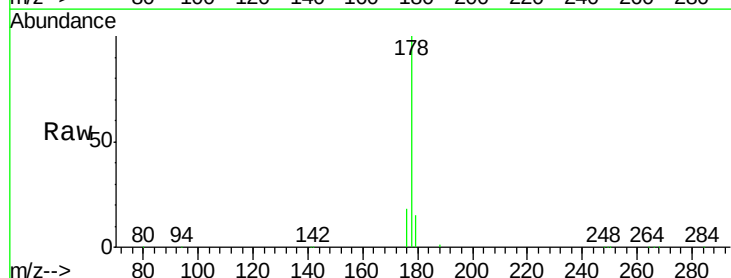
Tgt Ion:178 Resp: 101518

Ion Ratio Lower Upper

178 100

176 17.9 14.1 21.1

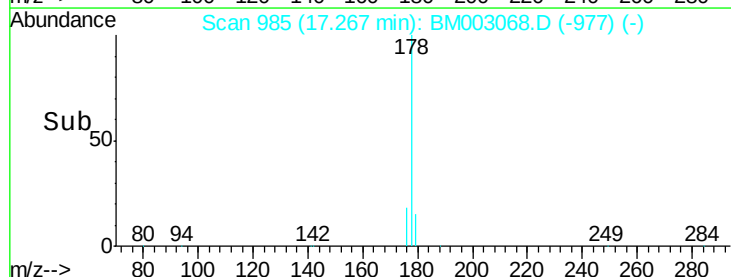
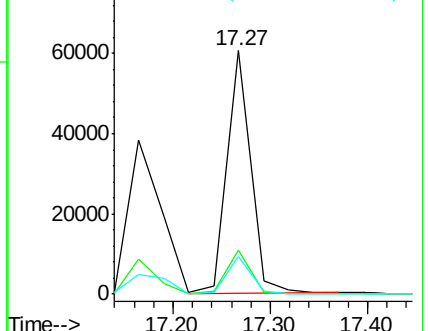
179 15.2 12.8 19.2

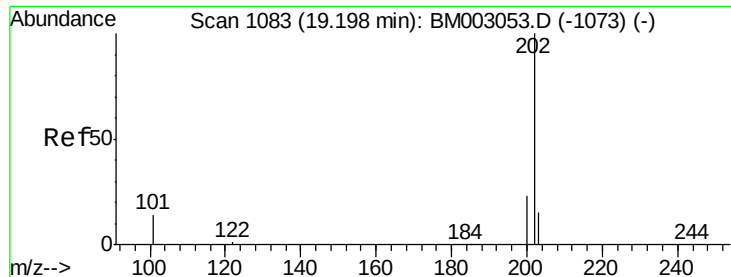


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

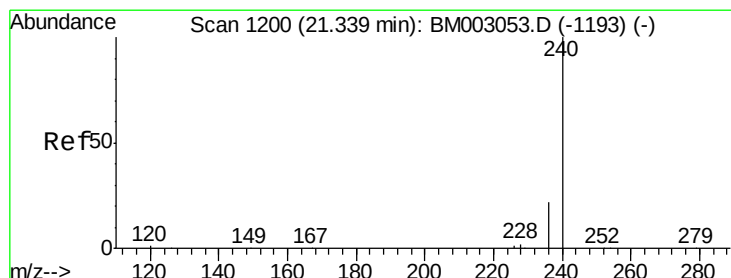
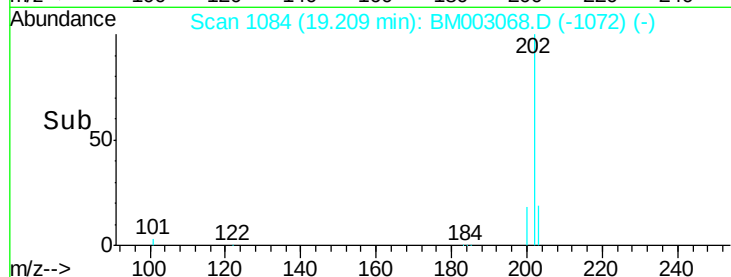
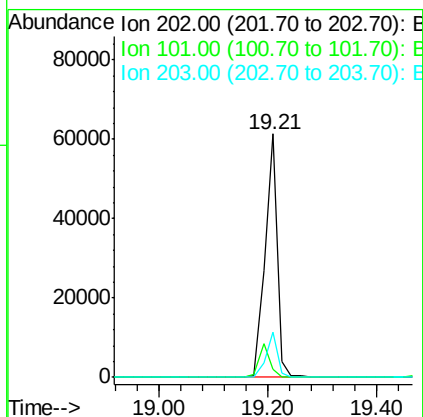
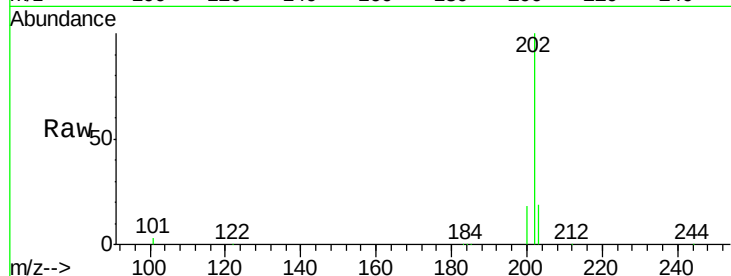




#25
 Fluoranthene
 Concen: 0.94 ng
 RT: 19.21 min Scan# 1084
 Delta R.T. 0.01 min
 Lab File: BM003068.D
 Acq: 05 Nov 2015 17:34

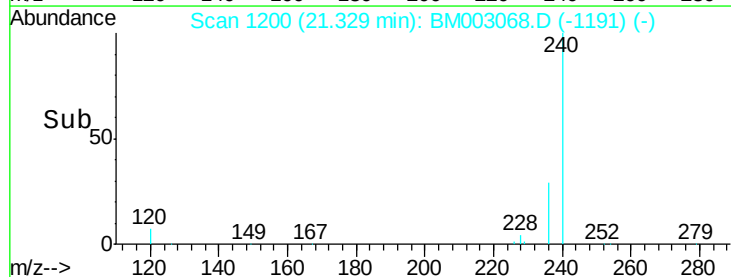
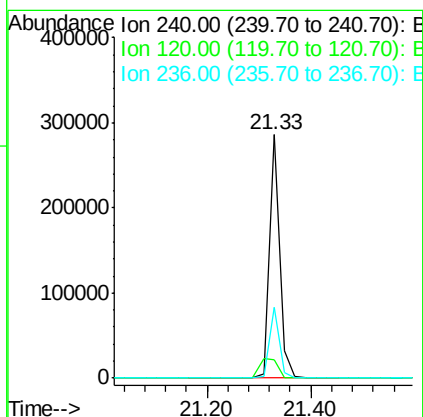
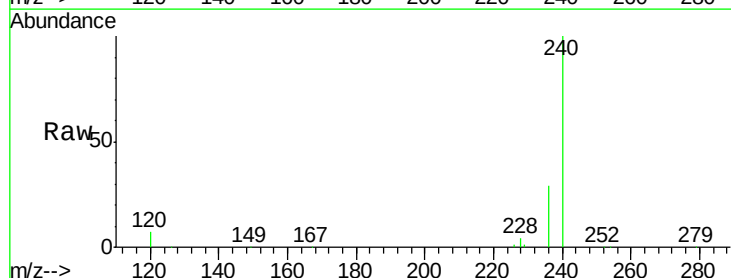
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

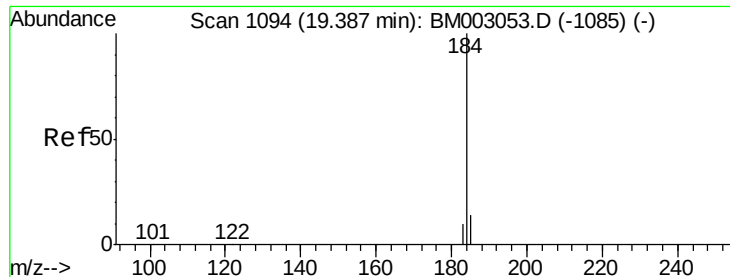
Tgt Ion: 202 Resp: 96503
 Ion Ratio Lower Upper
 202 100
 101 12.3 9.9 14.9
 203 17.4 13.9 20.9



#26
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.33 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BM003068.D
 Acq: 05 Nov 2015 17:34

Tgt Ion: 240 Resp: 399493
 Ion Ratio Lower Upper
 240 100
 120 7.4 1.0 1.4#
 236 29.1 17.9 26.9#





#27

Benzidine

Concen: 0.97 ng

RT: 19.38 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BM003068.D

Acq: 05 Nov 2015 17:34

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

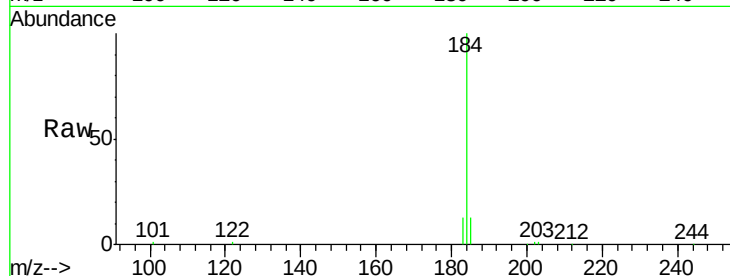
Tgt Ion:184 Resp: 29992

Ion Ratio Lower Upper

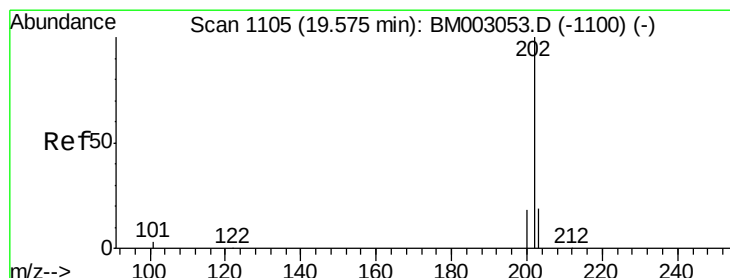
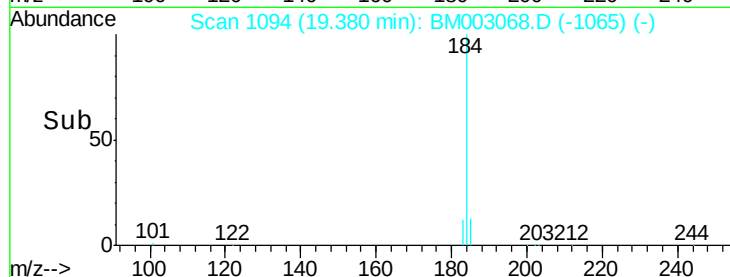
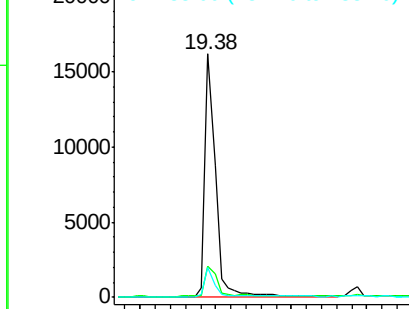
184 100

185 12.9 11.6 17.4

183 12.5 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: 0.91 ng

RT: 19.57 min Scan# 1105

Delta R.T. -0.01 min

Lab File: BM003068.D

Acq: 05 Nov 2015 17:34

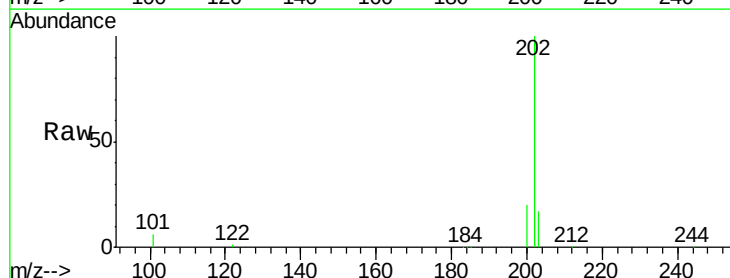
Tgt Ion:202 Resp: 105103

Ion Ratio Lower Upper

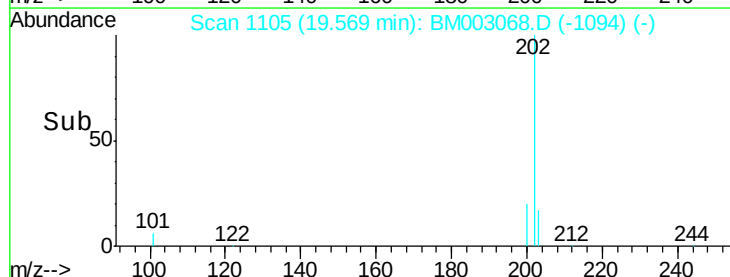
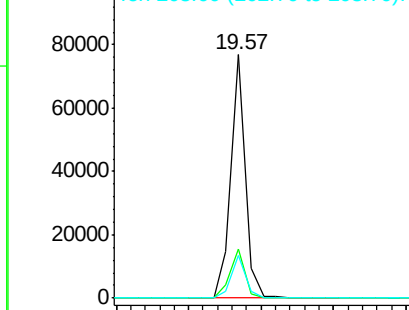
202 100

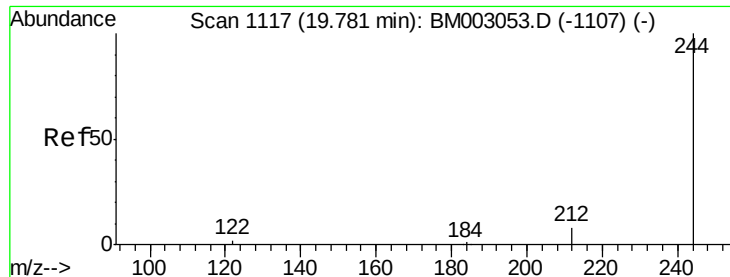
200 20.8 16.7 25.1

203 17.4 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: 0.92 ng

RT: 19.77 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BM003068.D

Acq: 05 Nov 2015 17:34

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

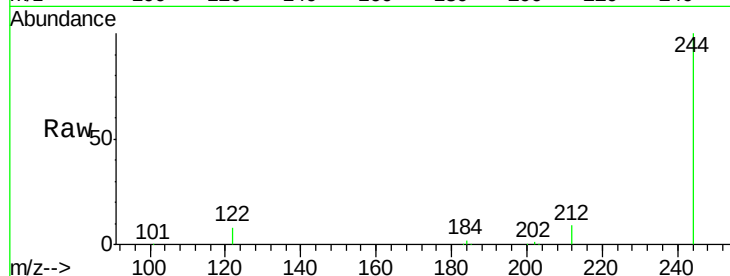
Tgt Ion:244 Resp: 52816

Ion Ratio Lower Upper

244 100

212 9.4 6.5 9.7

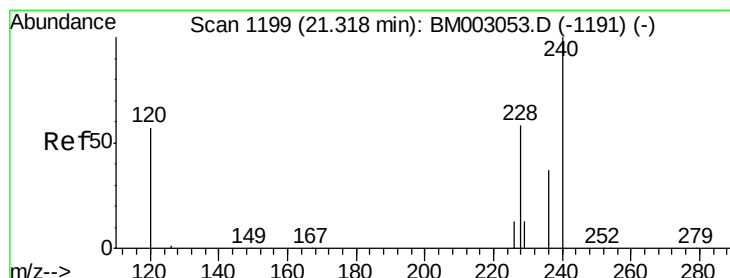
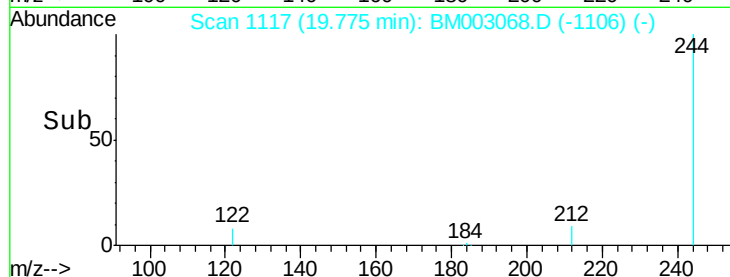
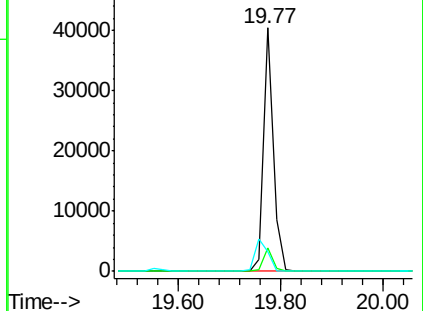
122 7.9 2.0 3.0#



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: 1.18 ng

RT: 21.31 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BM003068.D

Acq: 05 Nov 2015 17:34

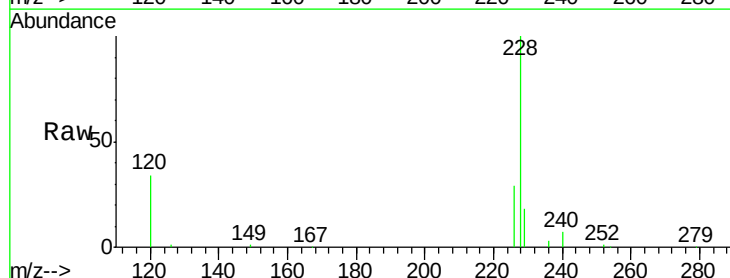
Tgt Ion:228 Resp: 119195

Ion Ratio Lower Upper

228 100

226 29.0 17.8 26.6#

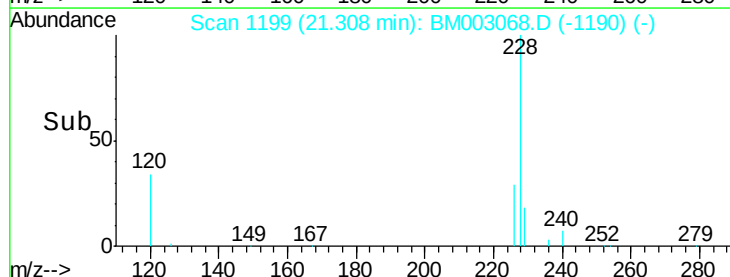
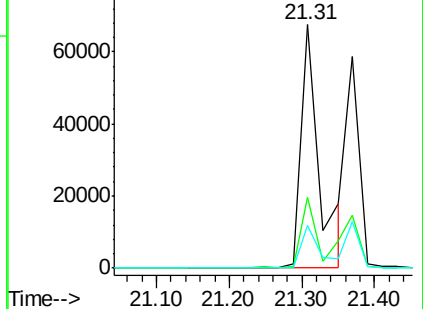
229 17.7 18.0 27.0#

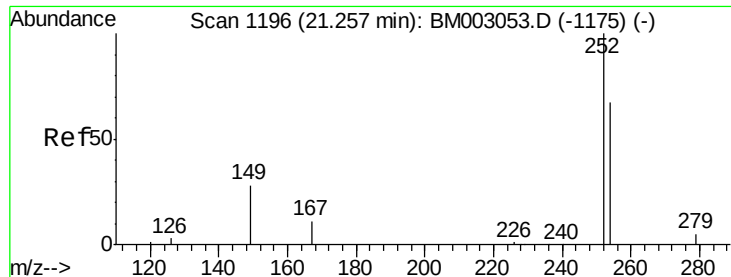


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

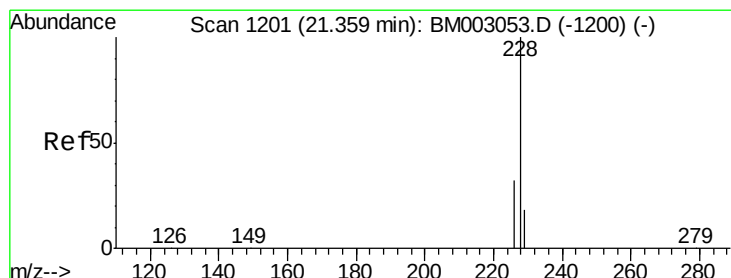
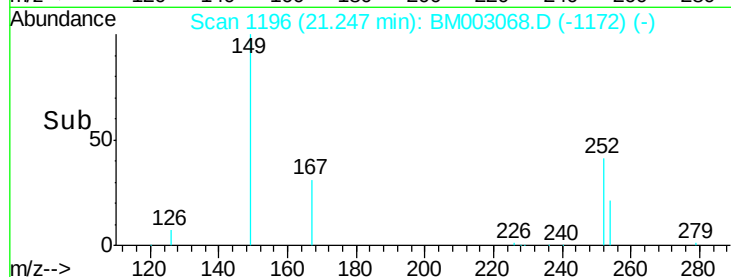
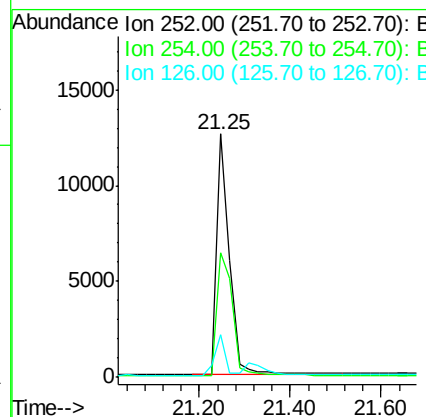
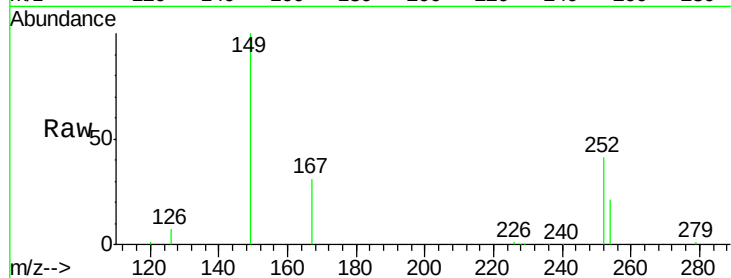




#31
 3,3'-Dichlorobenzidine
 Concen: 0.98 ng
 RT: 21.25 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BM003068.D
 Acq: 05 Nov 2015 17:34

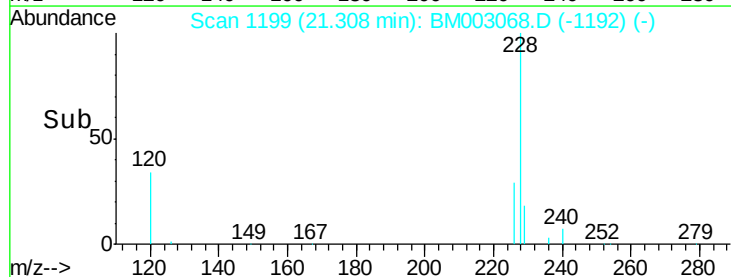
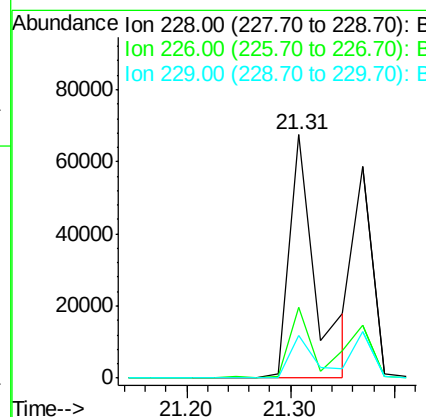
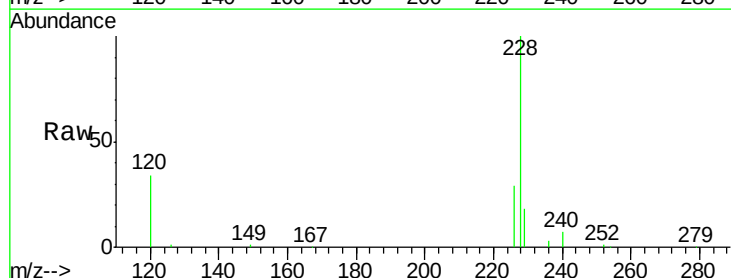
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

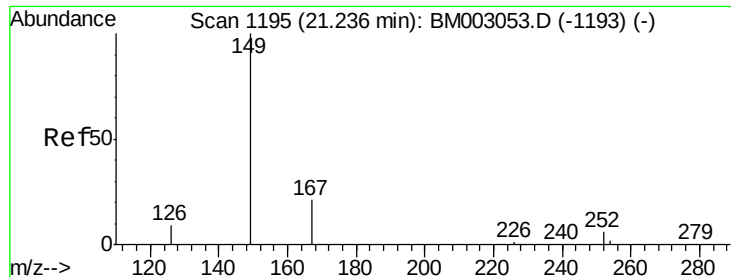
Tgt Ion: 252 Resp: 24961
 Ion Ratio Lower Upper
 252 100
 254 51.2 53.7 80.5#
 126 17.7 2.8 4.2#



#32
 Chrysene
 Concen: 1.15 ng
 RT: 21.31 min Scan# 1199
 Delta R.T. -0.05 min
 Lab File: BM003068.D
 Acq: 05 Nov 2015 17:34

Tgt Ion: 228 Resp: 119167
 Ion Ratio Lower Upper
 228 100
 226 29.0 25.5 38.3
 229 17.7 14.3 21.5





#33

Bis(2-ethylhexyl)phthalate

Concen: 1.01 ng

RT: 21.25 min Scan# 1196

Delta R.T. 0.01 min

Lab File: BM003068.D

Acq: 05 Nov 2015 17:34

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

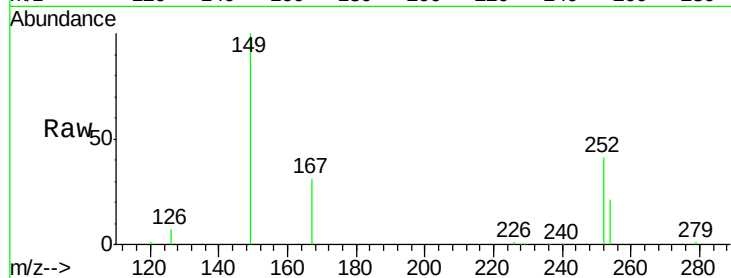
Tgt Ion:149 Resp: 42523

Ion Ratio Lower Upper

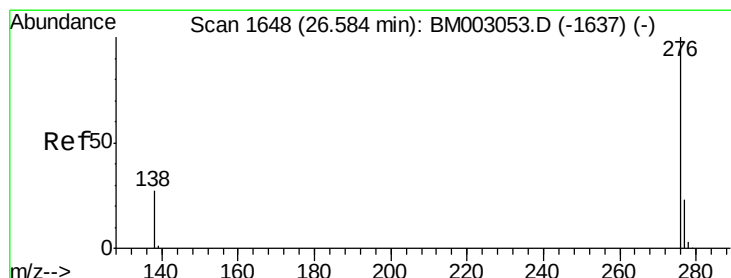
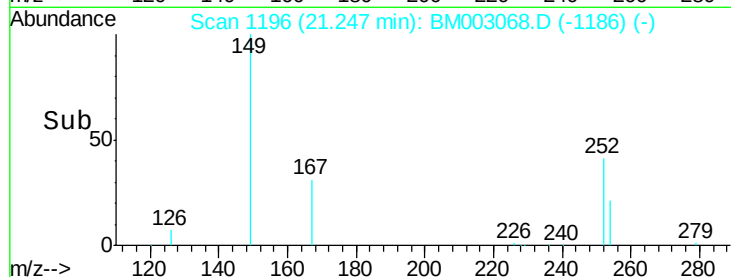
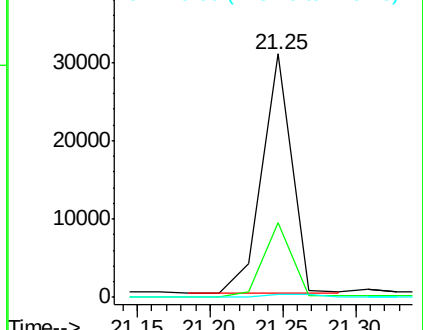
149 100

167 29.4 19.6 29.4#

279 2.0 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: 1.08 ng

RT: 26.58 min Scan# 1648

Delta R.T. 0.00 min

Lab File: BM003068.D

Acq: 05 Nov 2015 17:34

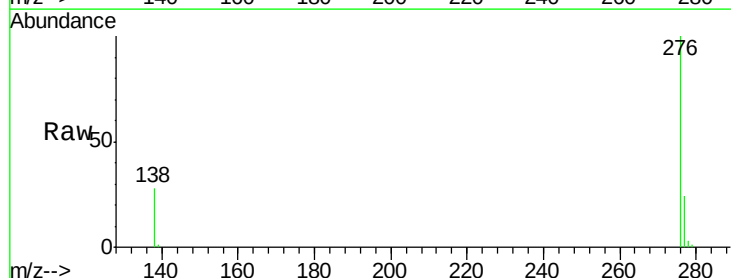
Tgt Ion:276 Resp: 89163

Ion Ratio Lower Upper

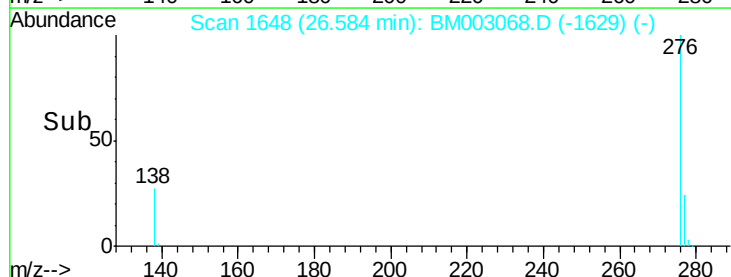
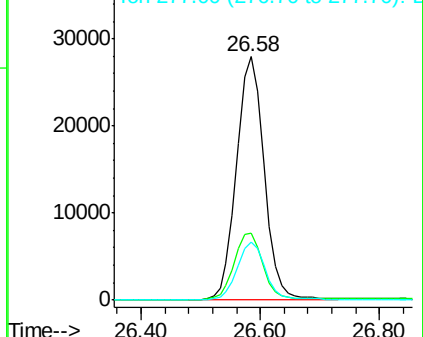
276 100

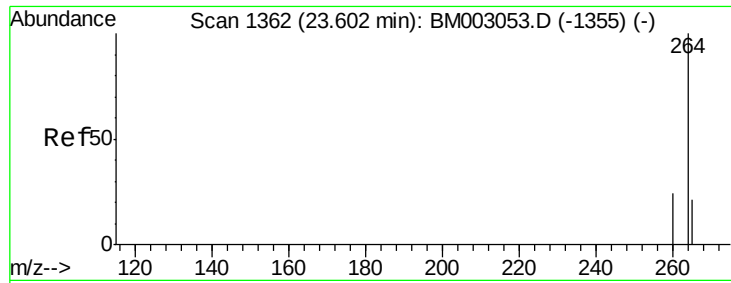
138 27.8 22.6 33.8

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

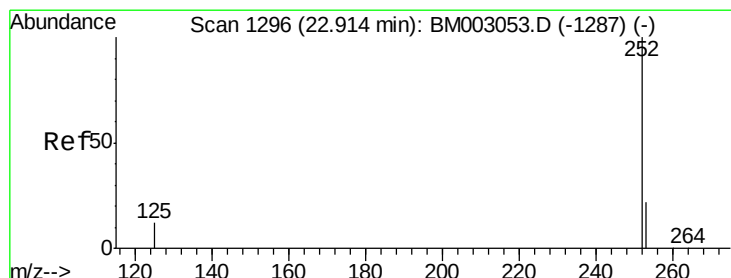
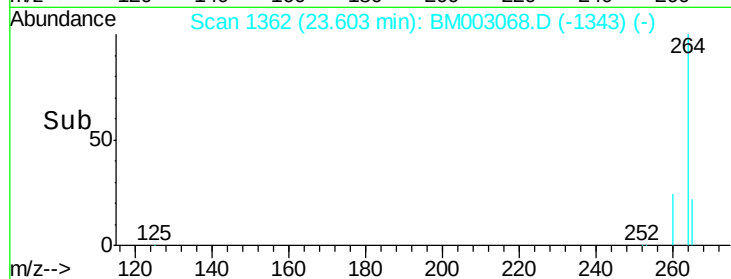
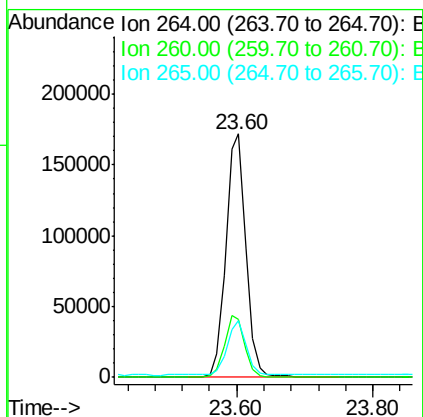
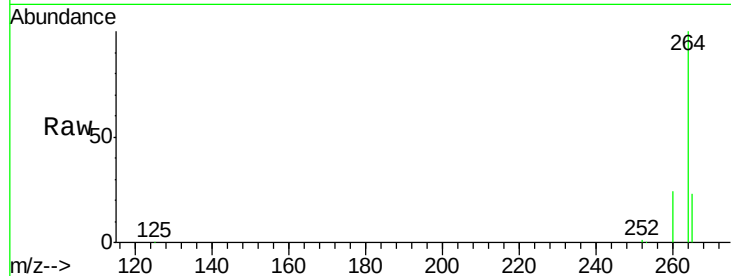




#35
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.60 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: BM003068.D
 Acq: 05 Nov 2015 17:34

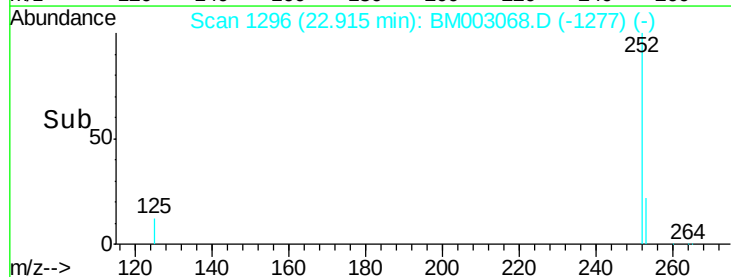
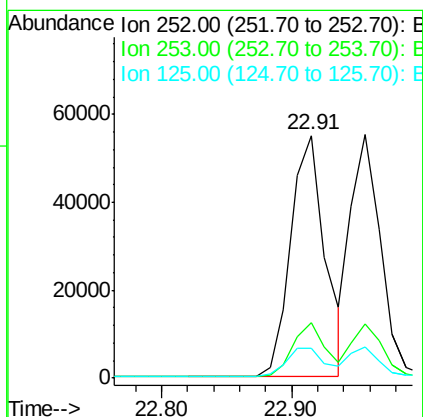
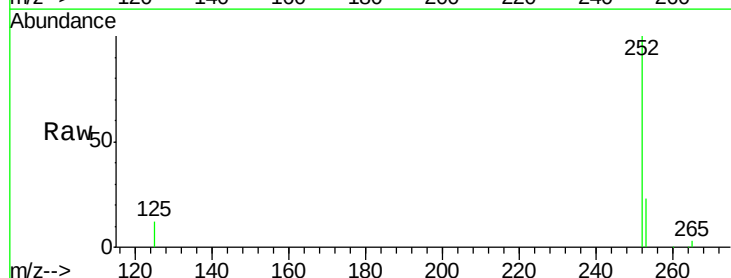
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

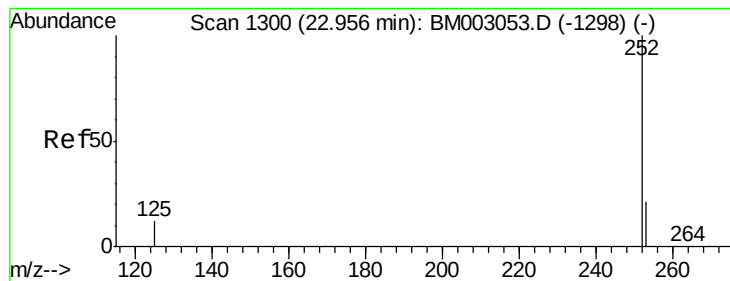
Tgt Ion: 264 Resp: 348348
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.6 29.4
 265 23.1 18.4 27.6



#36
 Benzo(b)fluoranthene
 Concen: 0.95 ng
 RT: 22.91 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: BM003068.D
 Acq: 05 Nov 2015 17:34

Tgt Ion: 252 Resp: 100971
 Ion Ratio Lower Upper
 252 100
 253 23.0 18.2 27.4
 125 12.4 10.3 15.5





#37

Benzo(k)fluoranthene

Concen: 0.93 ng

RT: 22.96 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BM003068.D

Acq: 05 Nov 2015 17:34

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

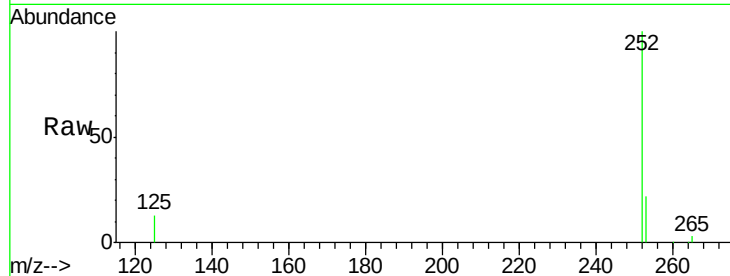
Tgt Ion:252 Resp: 88686

Ion Ratio Lower Upper

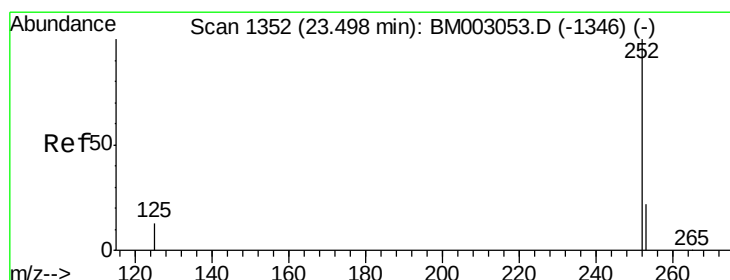
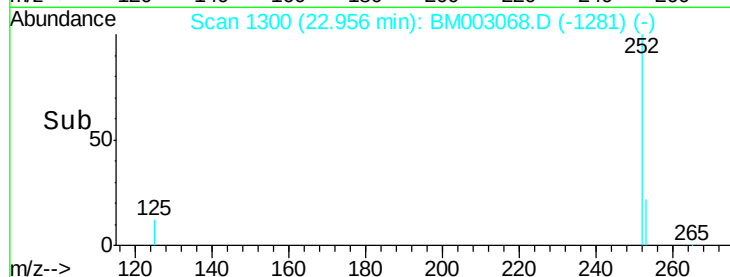
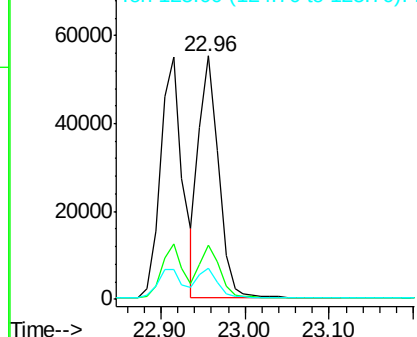
252 100

253 22.3 17.5 26.3

125 12.6 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: 0.93 ng

RT: 23.50 min Scan# 1352

Delta R.T. 0.00 min

Lab File: BM003068.D

Acq: 05 Nov 2015 17:34

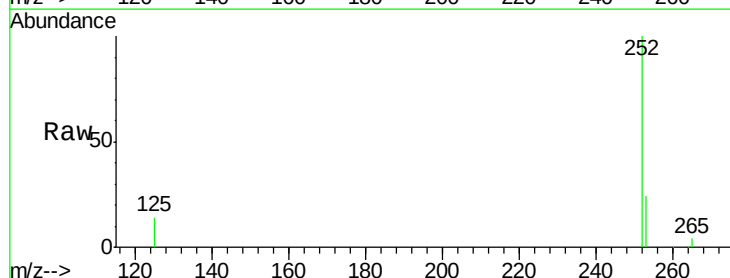
Tgt Ion:252 Resp: 82900

Ion Ratio Lower Upper

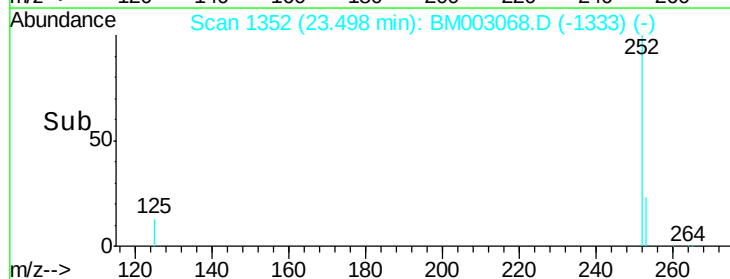
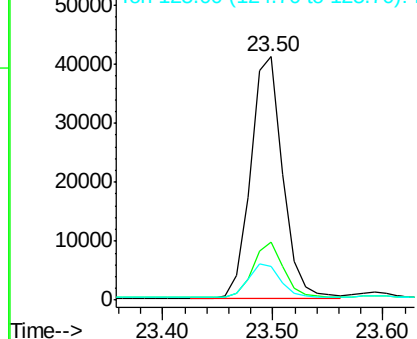
252 100

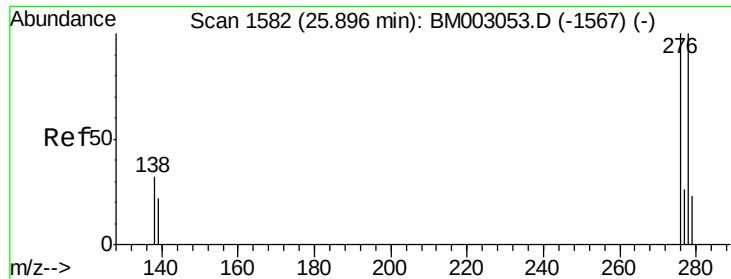
253 23.6 18.7 28.1

125 13.7 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: 0.99 ng

RT: 25.90 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BM003068.D

Acq: 05 Nov 2015 17:34

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

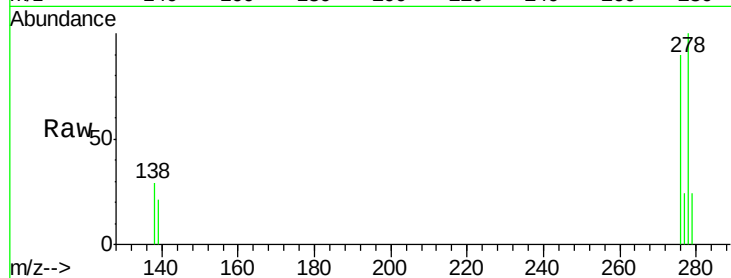
Tgt Ion:278 Resp: 86068

Ion Ratio Lower Upper

278 100

139 21.5 18.2 27.4

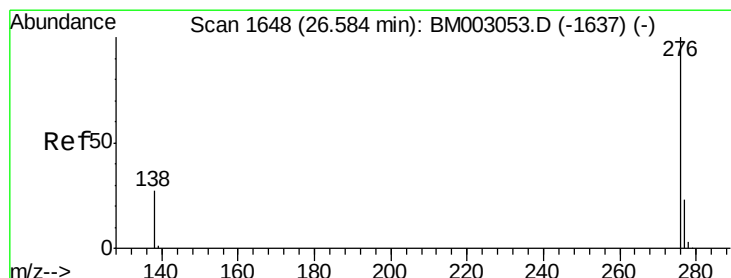
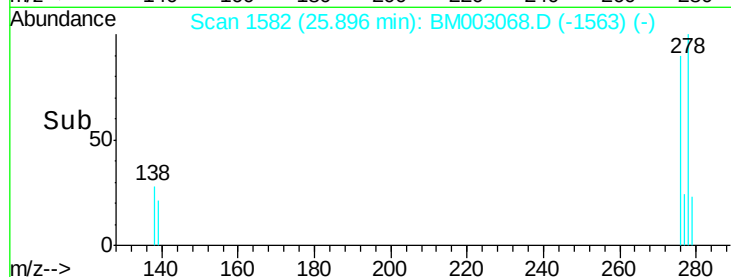
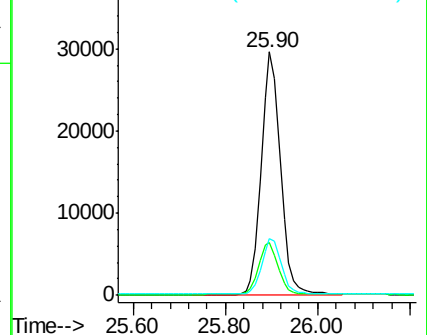
279 23.6 18.8 28.2



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: 0.95 ng

RT: 26.58 min Scan# 1648

Delta R.T. 0.00 min

Lab File: BM003068.D

Acq: 05 Nov 2015 17:34

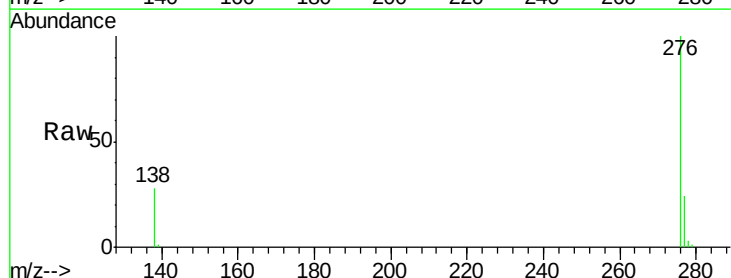
Tgt Ion:276 Resp: 89227

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.6

138 27.6 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

