

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061915\
 Data File : BM001752.D
 Acq On : 19 Jun 2015 00:22
 Operator : TP/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

Quant Time: Jun 19 05:12:28 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM061915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 19 05:05:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	15805	5.00	ng	0.00
6) Naphthalene-d8	10.44	136	57489	5.00	ng	-0.02
12) Acenaphthene-d10	14.31	164	27725	5.00	ng	-0.01
18) Phenanthrene-d10	17.06	188	67317	5.00	ng	0.00
25) Chrysene-d12	21.25	240	47893	5.00	ng	0.00
32) Perylene-d12	23.47	264	43059	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	3768	1.02	ng	0.00
5) Phenol-d6	6.83	99	4713	0.99	ng	0.00
7) Nitrobenzene-d5	8.83	82	4493	1.00	ng	0.00
13) 2,4,6-Tribromophenol	15.80	330	878	1.01	ng	0.00
14) 2-Fluorobiphenyl	12.94	172	9828	0.99	ng	0.00
27) Terphenyl-d14	19.70	244	6895	0.98	ng	0.00

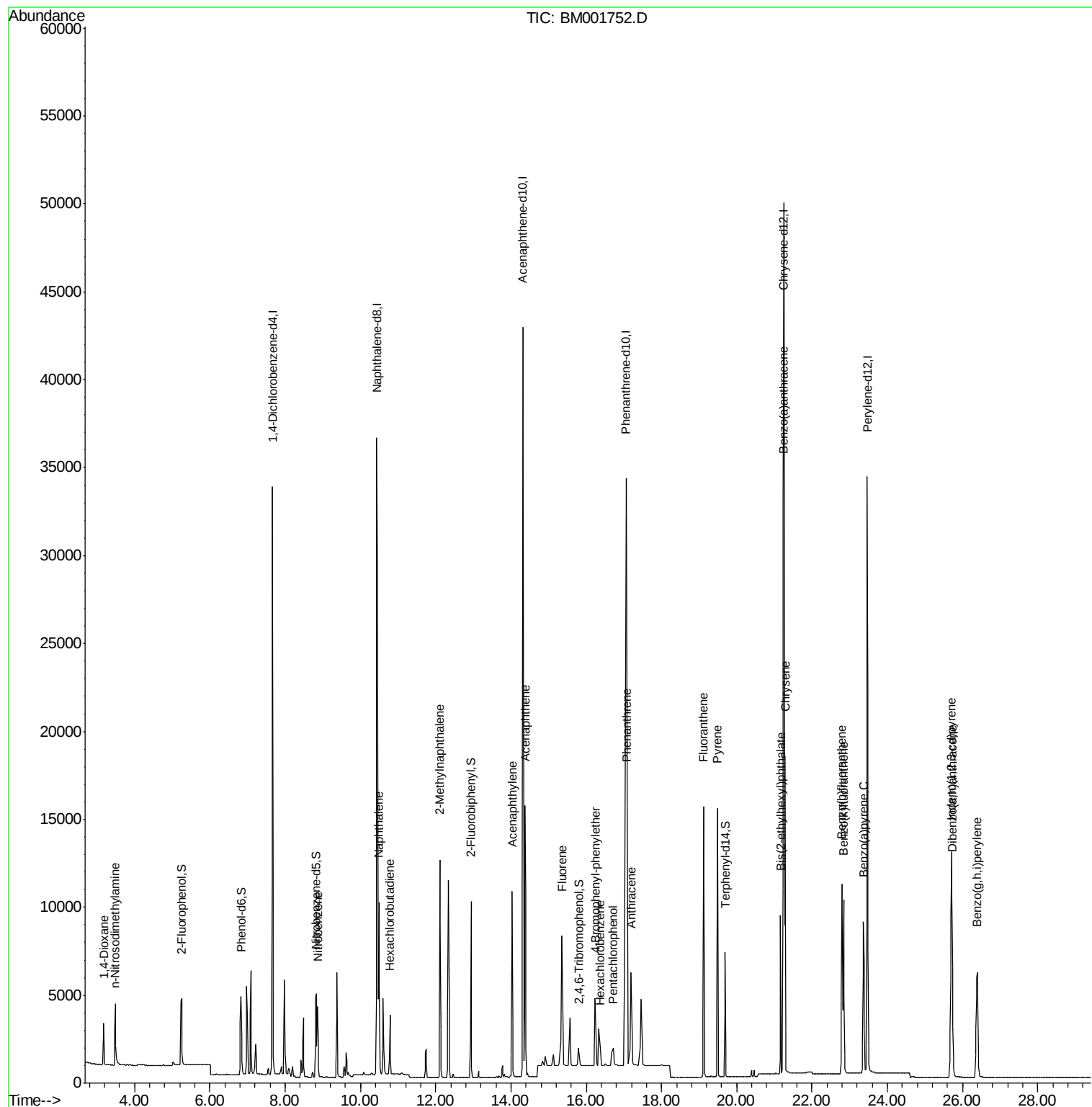
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.18	88	1827	1.01	ng	98
3) n-Nitrosodimethylamine	3.48	42	2797	1.01	ng	# 99
8) Nitrobenzene	8.87	77	4840	1.00	ng	99
9) Naphthalene	10.49	128	13896	0.99	ng	100
10) Hexachlorobutadiene	10.78	225	2338	0.99	ng	99
11) 2-Methylnaphthalene	12.12	142	8817	0.99	ng	99
15) Acenaphthylene	14.03	152	13106	0.99	ng	100
16) Acenaphthene	14.37	154	8188	0.99	ng	100
17) Fluorene	15.36	166	7636	1.08	ng	99
19) 4-Bromophenyl-phenylether	16.24	248	2811	1.02	ng	96
20) Hexachlorobenzene	16.38	284	1991	1.05	ng	# 100
21) Pentachlorophenol	16.72	266	944	1.12	ng	99
22) Phenanthrene	17.09	178	22432	0.97	ng	99
23) Anthracene	17.19	178	8140	0.84	ng	94
24) Fluoranthene	19.12	202	15450	1.06	ng	99
26) Pyrene	19.48	202	16269	0.98	ng	100
28) Benzo(a)anthracene	21.24	228	14199	0.98	ng	97
29) Chrysene	21.28	228	15105	1.00	ng	97
30) Bis(2-ethylhexyl)phthalate	21.16	149	8018	0.96	ng	100
31) Indeno(1,2,3-cd)pyrene	25.70	276	14586	1.00	ng	100
33) Benzo(b)fluoranthene	22.79	252	13252	0.94	ng	96
34) Benzo(k)fluoranthene	22.84	252	13382	1.06	ng	98
35) Benzo(a)pyrene	23.37	252	11848	1.00	ng	98
36) Dibenzo(a,h)anthracene	25.72	278	11782	1.00	ng	99
37) Benzo(g,h,i)perylene	26.39	276	12249	0.99	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.66 min Scan# 323

Delta R.T. 0.00 min

Lab File: BM001752.D

Acq: 19 Jun 2015 00:22

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

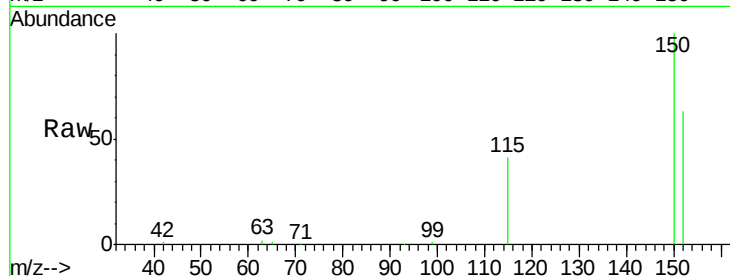
Tgt Ion:152 Resp: 15805

Ion Ratio Lower Upper

152 100

150 158.3 127.5 191.3

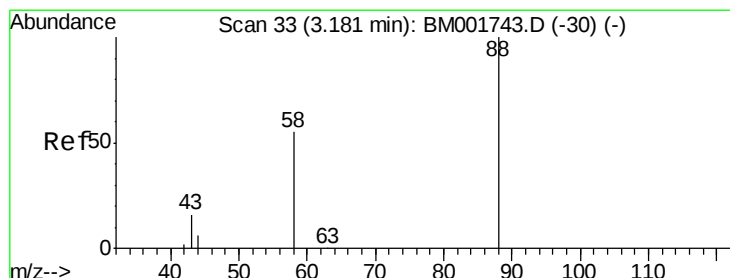
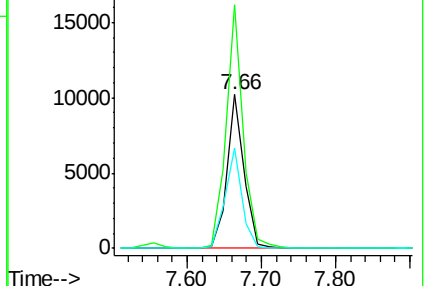
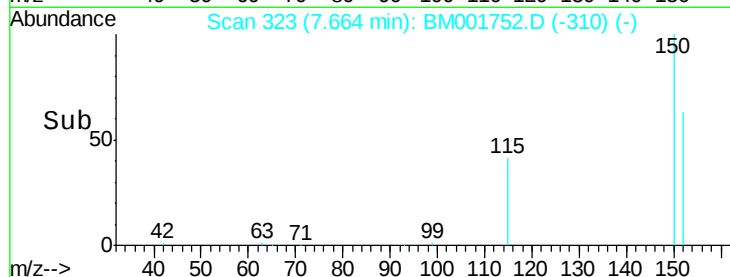
115 64.9 53.2 79.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 1.01 ng

RT: 3.18 min Scan# 33

Delta R.T. 0.00 min

Lab File: BM001752.D

Acq: 19 Jun 2015 00:22

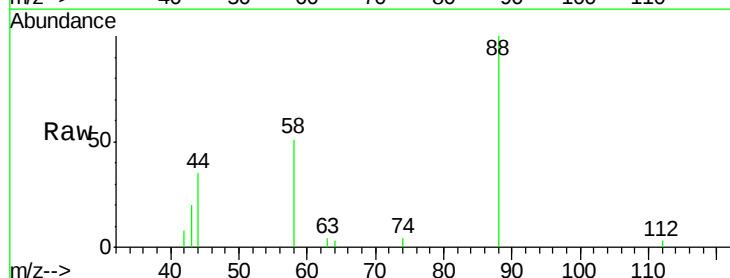
Tgt Ion: 88 Resp: 1827

Ion Ratio Lower Upper

88 100

58 87.6 68.3 102.5

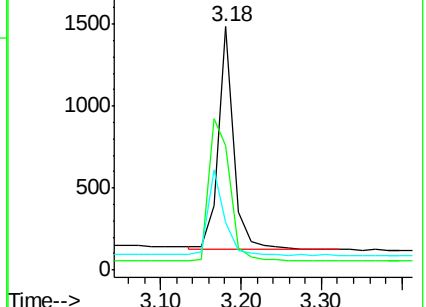
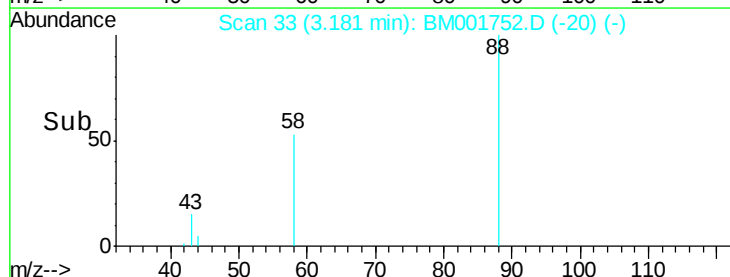
43 40.2 32.6 48.8

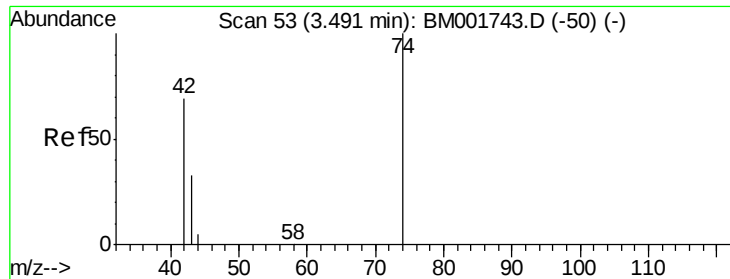


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 1.01 ng

RT: 3.48 min Scan# 52

Delta R.T. -0.02 min

Lab File: BM001752.D

Acq: 19 Jun 2015 00:22

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

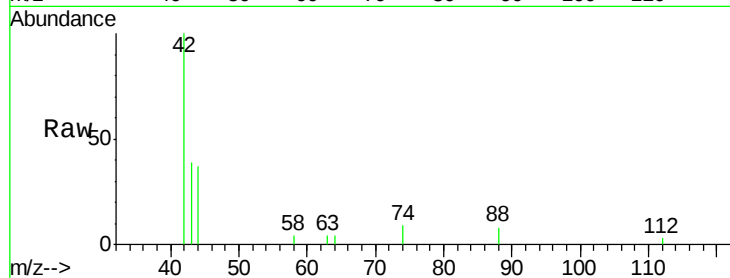
Tgt Ion: 42 Resp: 2797

Ion Ratio Lower Upper

42 100

74 98.5 78.6 118.0

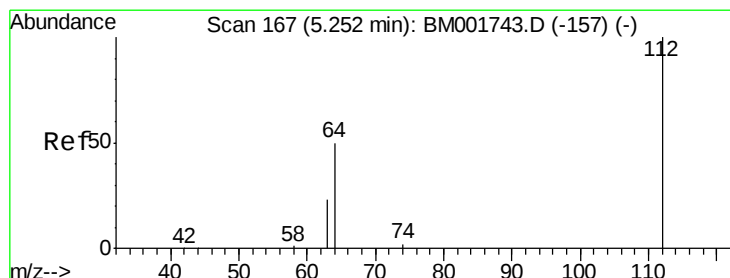
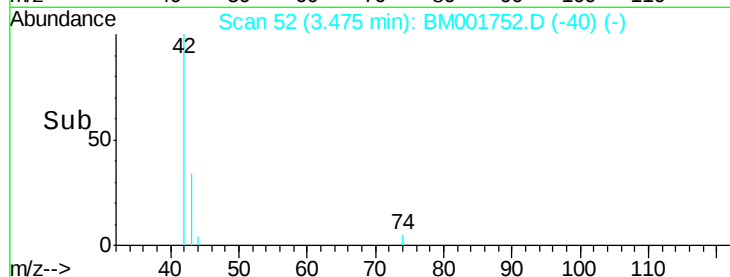
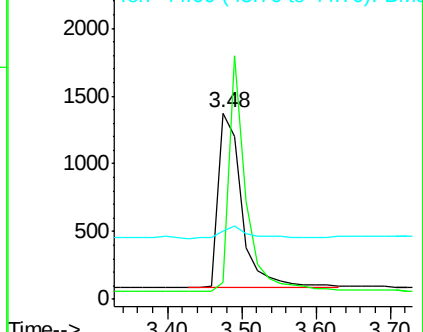
44 8.4 5.0 7.6#



Abundance Ion 42.00 (41.70 to 42.70): BM001743.D (-50) (-)

Ion 74.00 (73.70 to 74.70): BM001743.D (-50) (-)

Ion 44.00 (43.70 to 44.70): BM001743.D (-50) (-)



#4

2-Fluorophenol

Concen: 1.02 ng

RT: 5.25 min Scan# 167

Delta R.T. 0.00 min

Lab File: BM001752.D

Acq: 19 Jun 2015 00:22

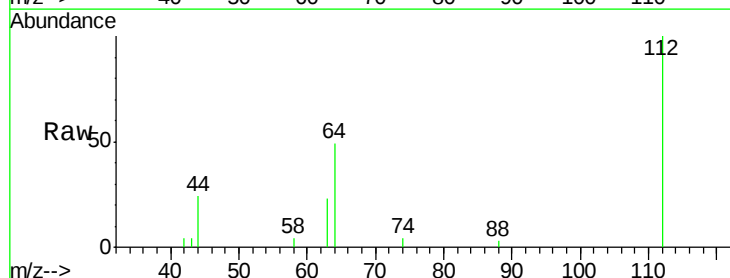
Tgt Ion: 112 Resp: 3768

Ion Ratio Lower Upper

112 100

64 69.1 55.6 83.4

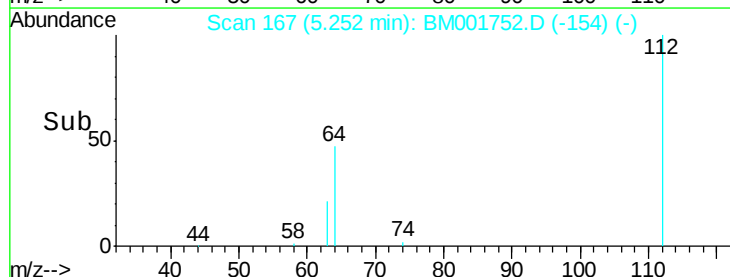
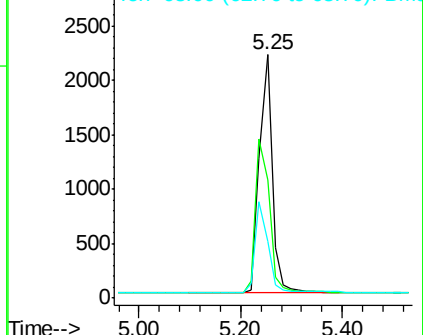
63 36.9 30.2 45.2

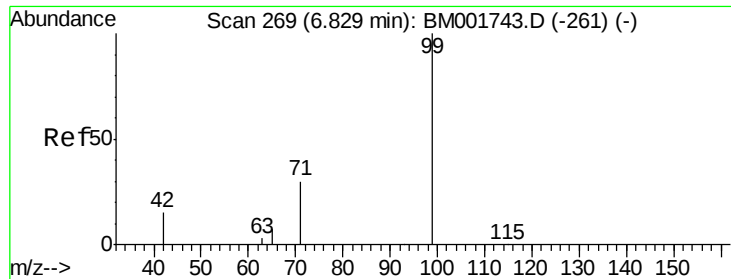


Abundance Ion 112.00 (111.70 to 112.70): BM001743.D (-157) (-)

Ion 64.00 (63.70 to 64.70): BM001743.D (-157) (-)

Ion 63.00 (62.70 to 63.70): BM001743.D (-157) (-)





#5

Phenol-d6

Concen: 0.99 ng

RT: 6.83 min Scan# 269

Delta R.T. 0.00 min

Lab File: BM001752.D

Acq: 19 Jun 2015 00:22

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

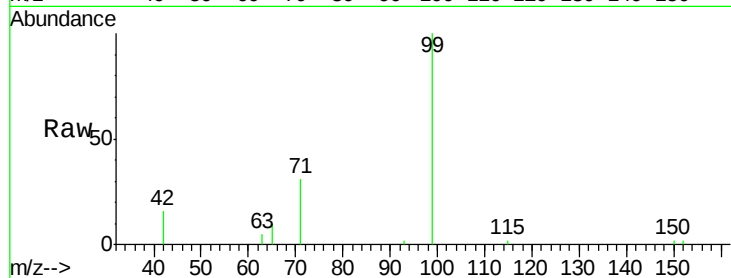
Tgt Ion: 99 Resp: 4713

Ion Ratio Lower Upper

99 100

42 26.4 21.4 32.0

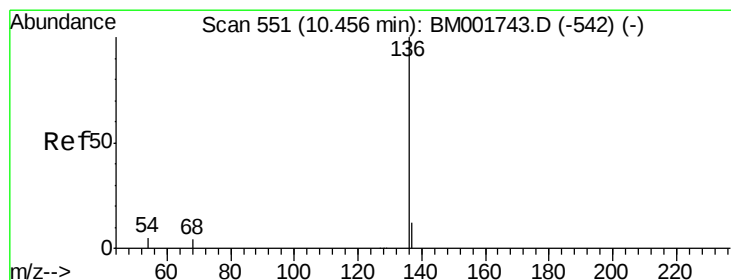
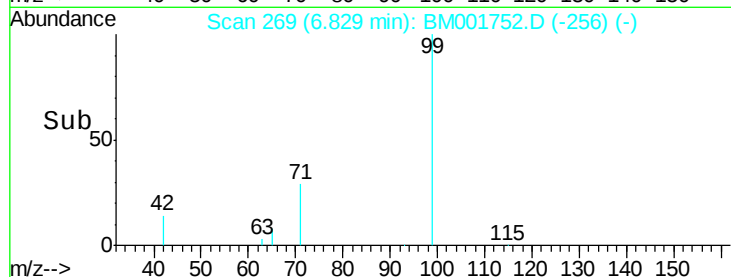
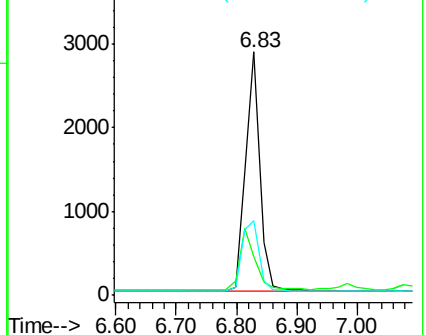
71 35.3 28.3 42.5



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

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

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



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.44 min Scan# 550

Delta R.T. -0.02 min

Lab File: BM001752.D

Acq: 19 Jun 2015 00:22

Tgt Ion: 136 Resp: 57489

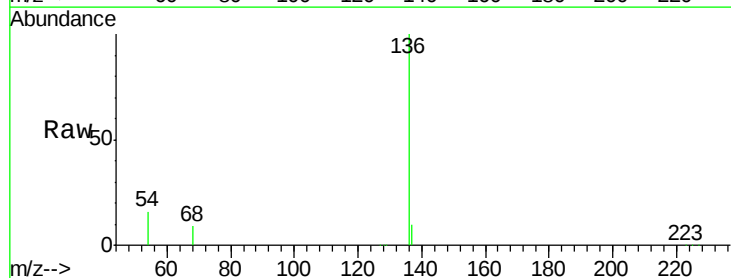
Ion Ratio Lower Upper

136 100

137 9.9 9.4 14.0

54 16.0 4.4 6.6#

68 9.3 3.1 4.7#

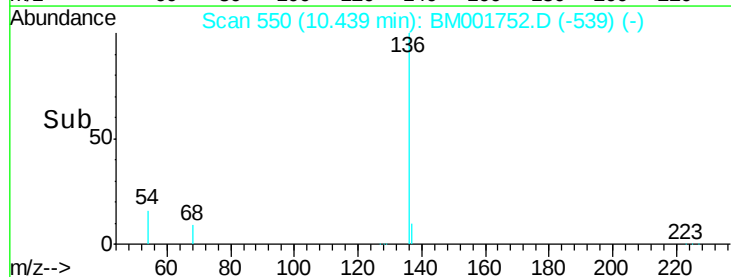
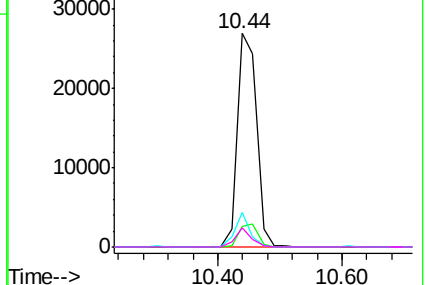


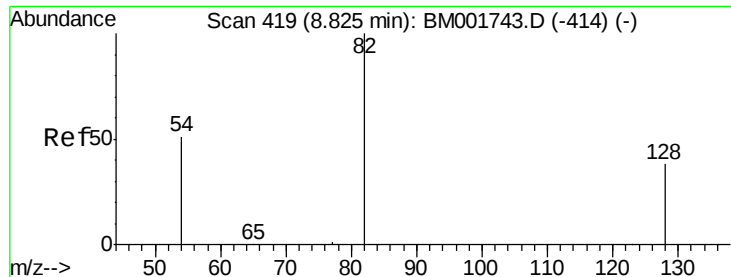
Abundance Ion 136.00 (135.70 to 136.70): BM001743.D (-542) (-)

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

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

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





#7

Nitrobenzene-d5

Concen: 1.00 ng

RT: 8.83 min Scan# 419

Delta R.T. 0.00 min

Lab File: BM001752.D

Acq: 19 Jun 2015 00:22

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

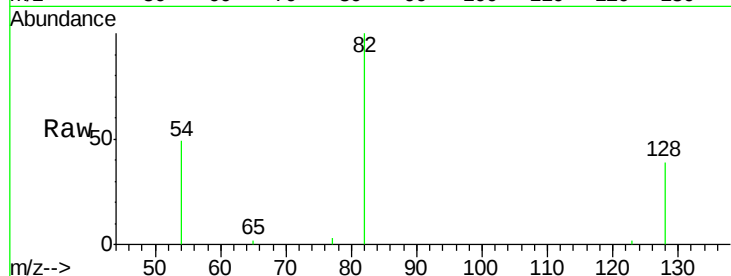
Tgt Ion: 82 Resp: 4493

Ion Ratio Lower Upper

82 100

128 39.5 31.3 46.9

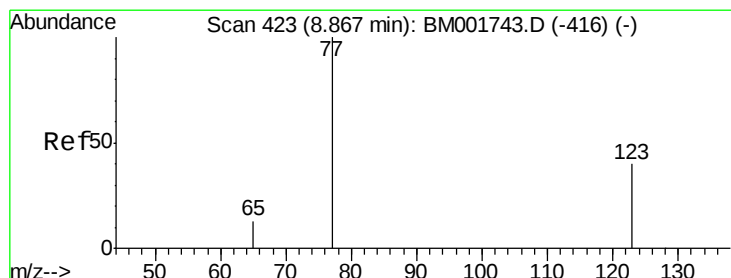
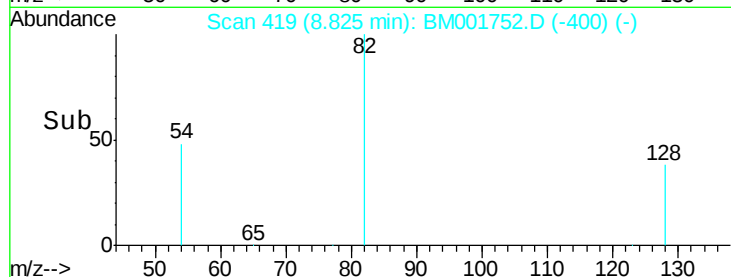
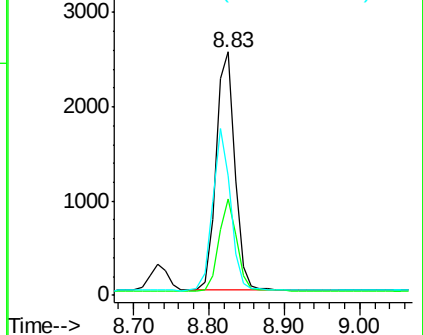
54 49.3 41.9 62.9



Abundance Ion 82.00 (81.70 to 82.70): BM001743.D (-414) (-)

Ion 128.00 (127.70 to 128.70): BM001743.D (-414) (-)

Ion 54.00 (53.70 to 54.70): BM001743.D (-414) (-)



#8

Nitrobenzene

Concen: 1.00 ng

RT: 8.87 min Scan# 423

Delta R.T. 0.00 min

Lab File: BM001752.D

Acq: 19 Jun 2015 00:22

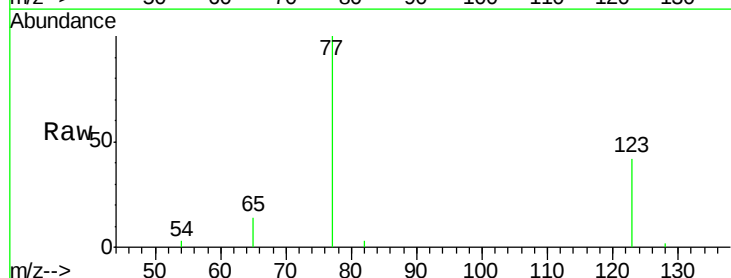
Tgt Ion: 77 Resp: 4840

Ion Ratio Lower Upper

77 100

123 37.9 30.1 45.1

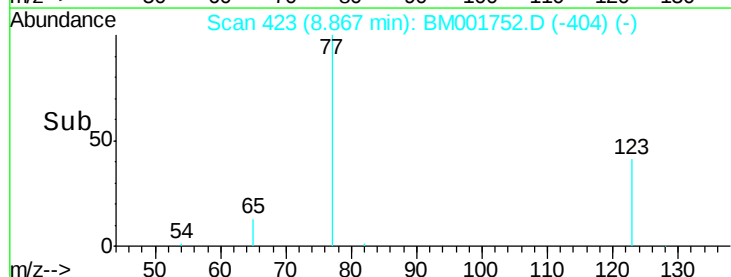
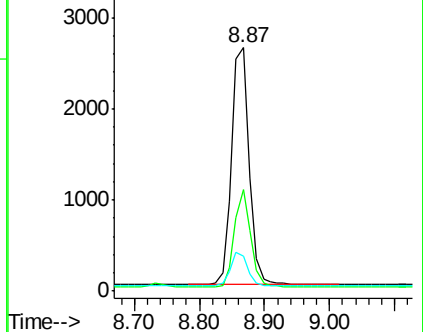
65 13.8 11.3 16.9

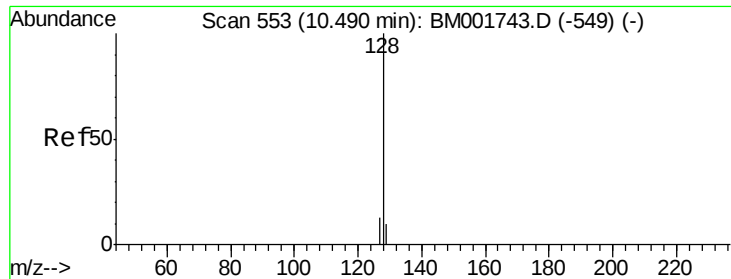


Abundance Ion 77.00 (76.70 to 77.70): BM001743.D (-416) (-)

Ion 123.00 (122.70 to 123.70): BM001743.D (-416) (-)

Ion 65.00 (64.70 to 65.70): BM001743.D (-416) (-)





#9

Naphthalene

Concen: 0.99 ng

RT: 10.49 min Scan# 553

Delta R.T. 0.00 min

Lab File: BM001752.D

Acq: 19 Jun 2015 00:22

Instrument :

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ClientSampleId :

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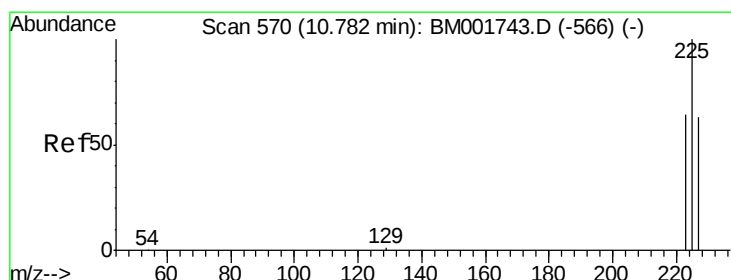
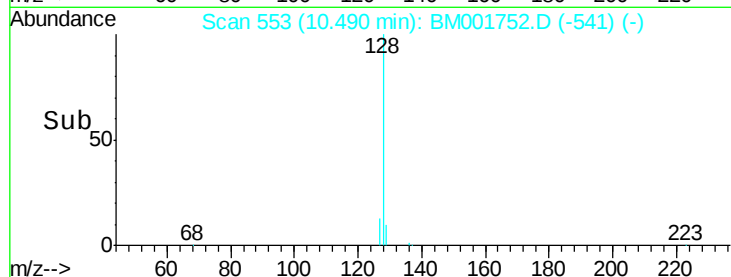
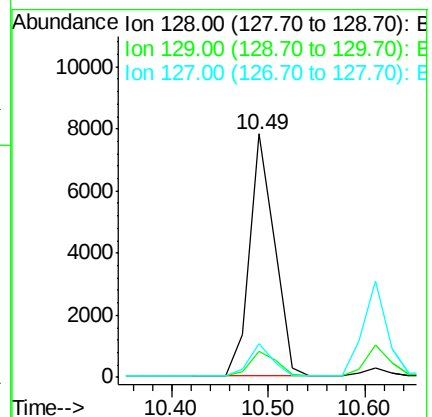
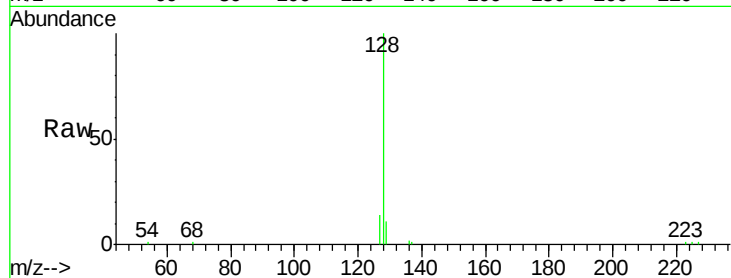
Tgt Ion:128 Resp: 13896

Ion Ratio Lower Upper

128 100

129 10.8 8.7 13.1

127 14.0 11.2 16.8



#10

Hexachlorobutadiene

Concen: 0.99 ng

RT: 10.78 min Scan# 570

Delta R.T. 0.00 min

Lab File: BM001752.D

Acq: 19 Jun 2015 00:22

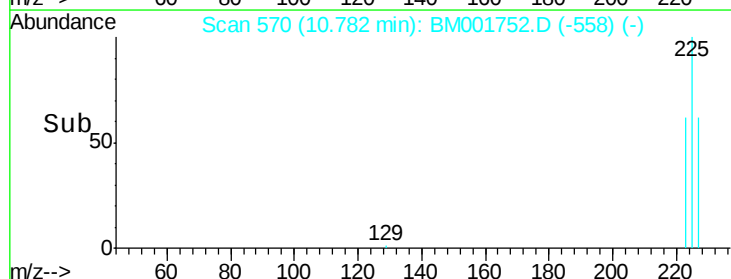
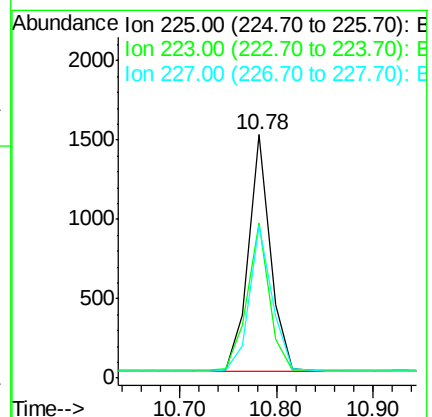
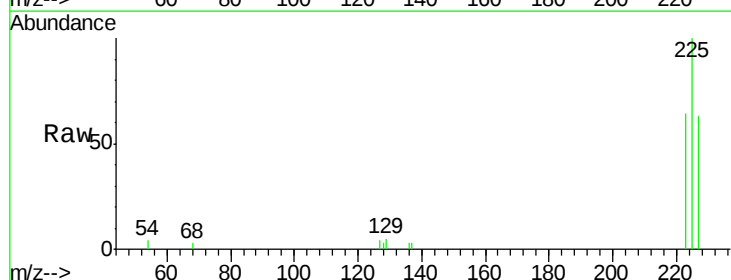
Tgt Ion:225 Resp: 2338

Ion Ratio Lower Upper

225 100

223 63.2 51.0 76.4

227 63.5 51.8 77.8





#11

2-Methylnaphthalene

Concen: 0.99 ng

RT: 12.12 min Scan# 678

Delta R.T. 0.00 min

Lab File: BM001752.D

Acq: 19 Jun 2015 00:22

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

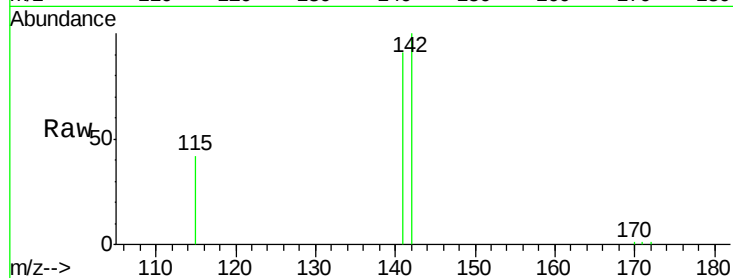
Tgt Ion:142 Resp: 8817

Ion Ratio Lower Upper

142 100

141 91.5 73.6 110.4

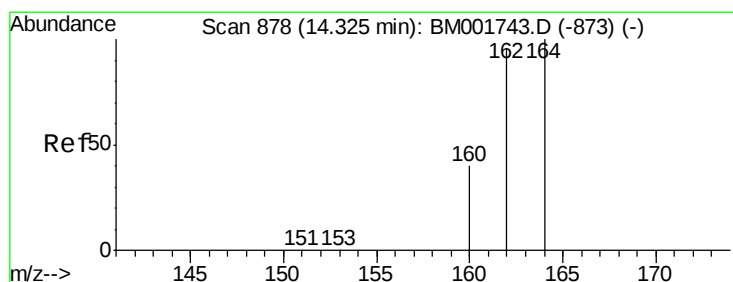
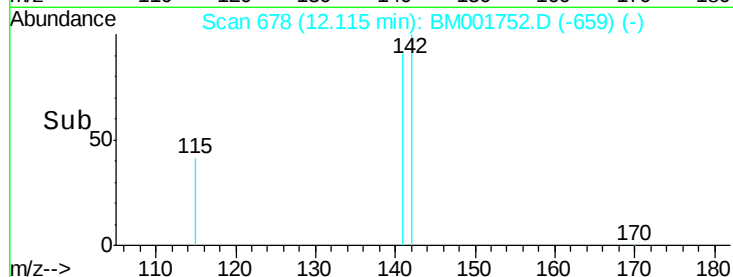
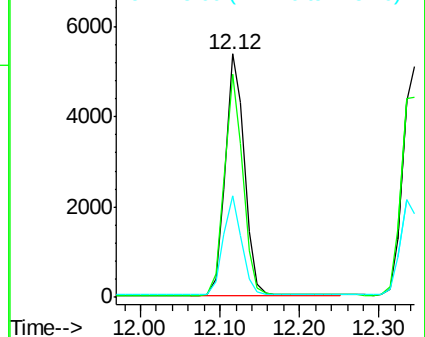
115 41.8 34.1 51.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.31 min Scan# 877

Delta R.T. -0.01 min

Lab File: BM001752.D

Acq: 19 Jun 2015 00:22

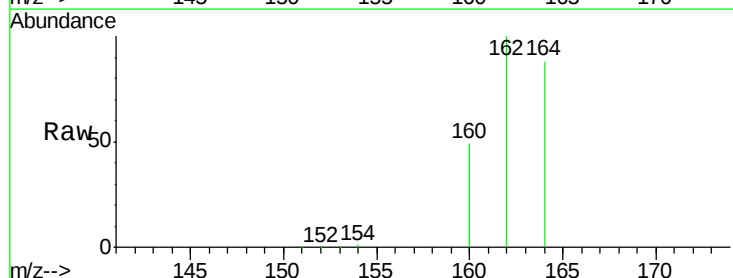
Tgt Ion:164 Resp: 27725

Ion Ratio Lower Upper

164 100

162 113.7 76.6 114.8

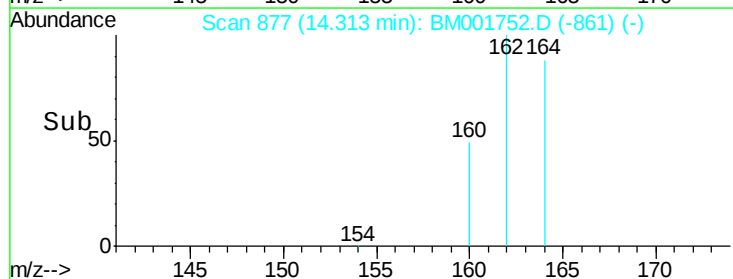
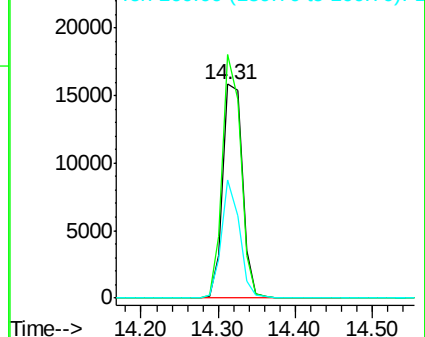
160 55.5 31.8 47.8#

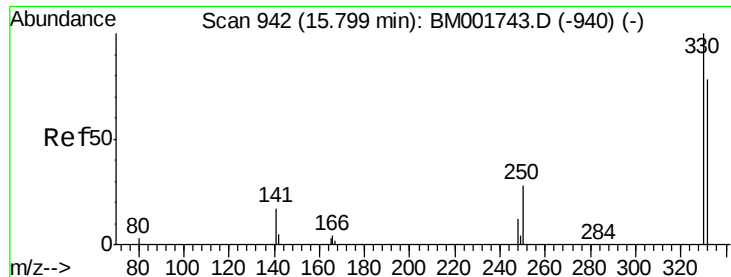


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

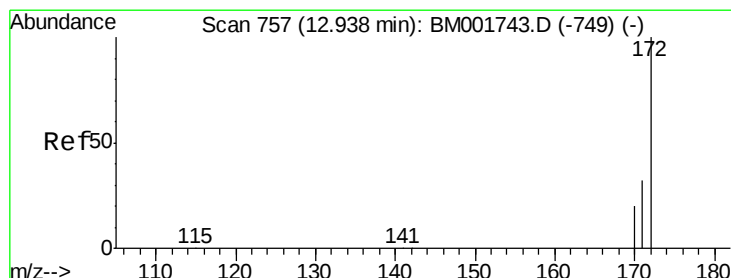
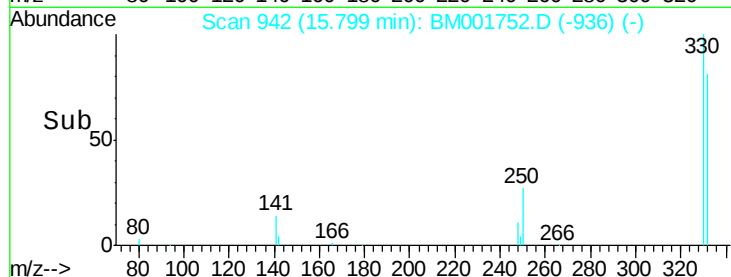
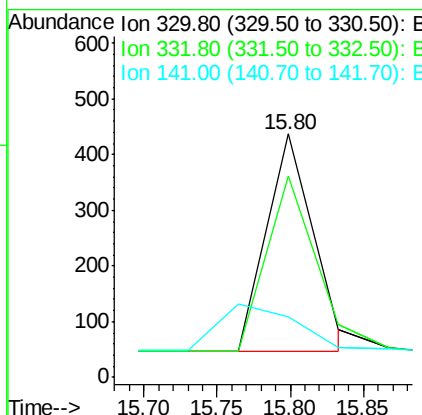
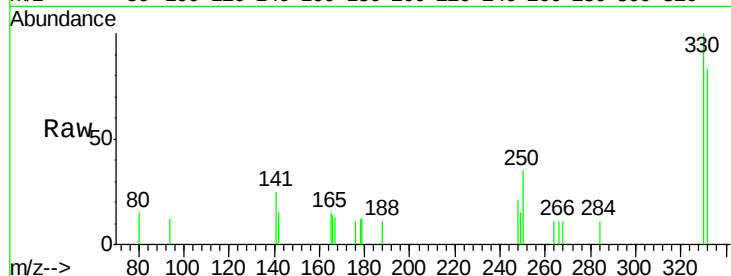




#13
 2,4,6-Tribromophenol
 Concen: 1.01 ng
 RT: 15.80 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: BM001752.D
 Acq: 19 Jun 2015 00:22

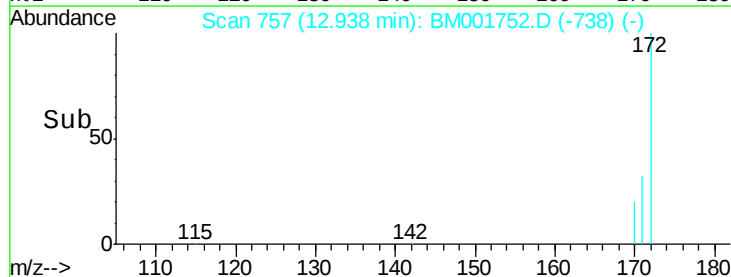
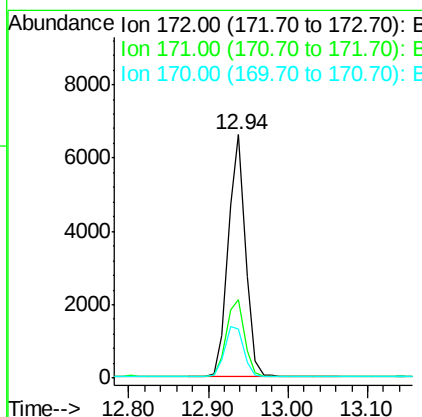
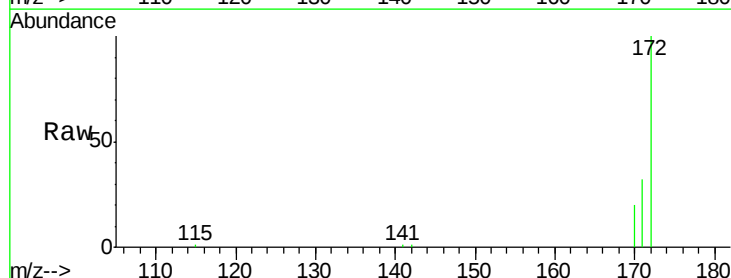
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

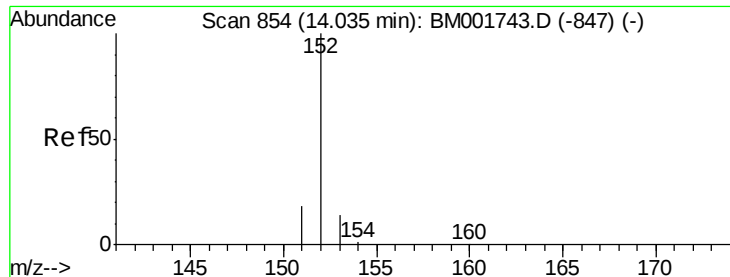
Tgt Ion: 330 Resp: 878
 Ion Ratio Lower Upper
 330 100
 332 84.5 65.8 98.8
 141 0.0 0.0 0.0



#14
 2-Fluorobiphenyl
 Concen: 0.99 ng
 RT: 12.94 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BM001752.D
 Acq: 19 Jun 2015 00:22

Tgt Ion: 172 Resp: 9828
 Ion Ratio Lower Upper
 172 100
 171 32.3 26.2 39.2
 170 20.4 16.6 24.8





#15

Acenaphthylene

Concen: 0.99 ng

RT: 14.03 min Scan# 854

Delta R.T. 0.00 min

Lab File: BM001752.D

Acq: 19 Jun 2015 00:22

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

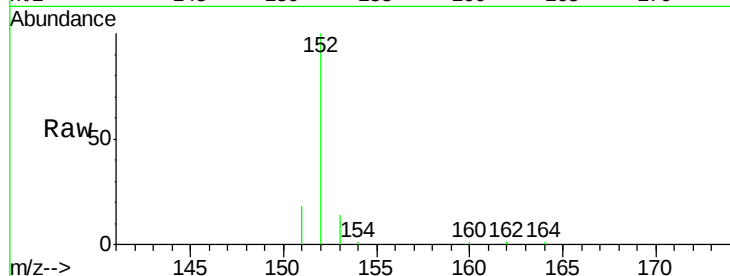
Tgt Ion:152 Resp: 13106

Ion Ratio Lower Upper

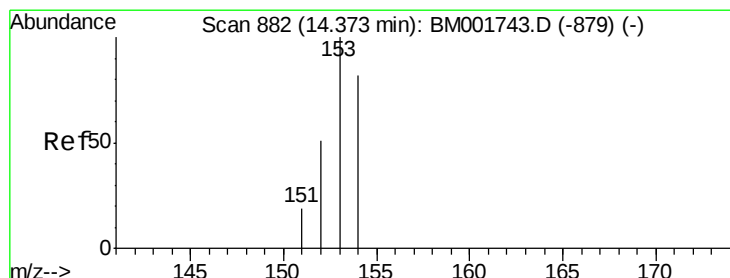
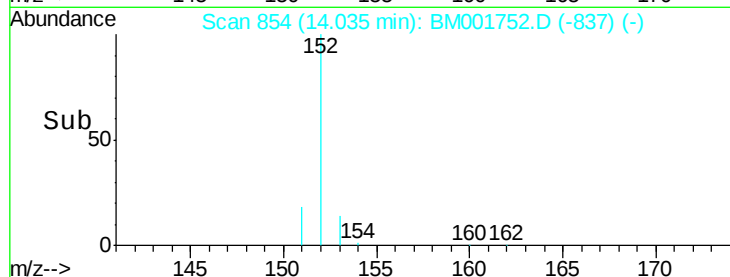
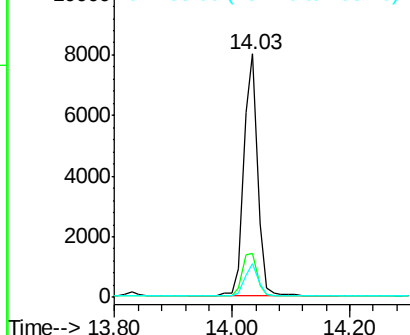
152 100

151 19.1 15.4 23.2

153 12.9 10.4 15.6



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



#16

Acenaphthene

Concen: 0.99 ng

RT: 14.37 min Scan# 882

Delta R.T. 0.00 min

Lab File: BM001752.D

Acq: 19 Jun 2015 00:22

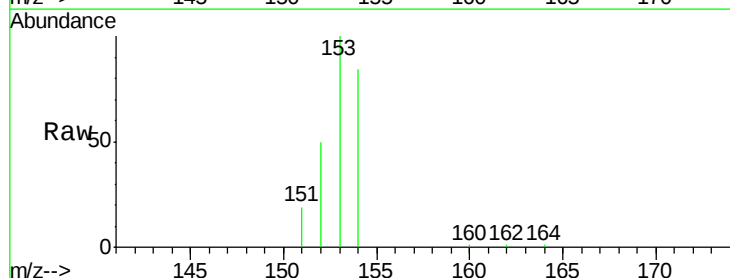
Tgt Ion:154 Resp: 8188

Ion Ratio Lower Upper

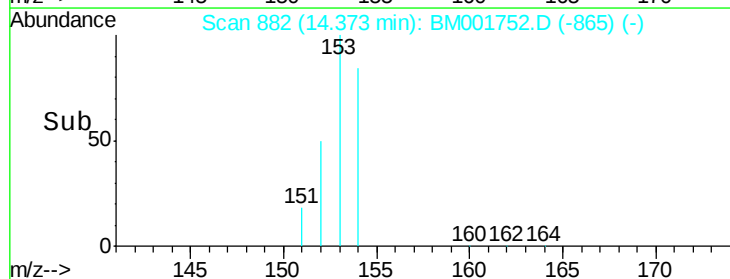
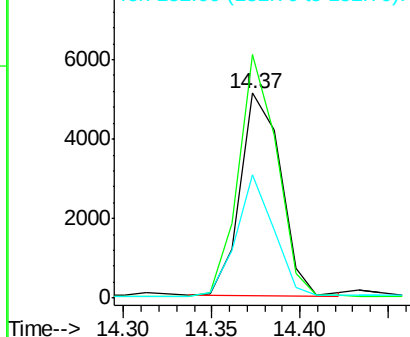
154 100

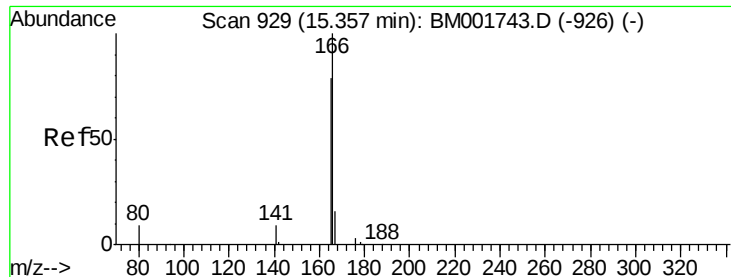
153 112.5 90.0 135.0

152 54.6 44.2 66.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

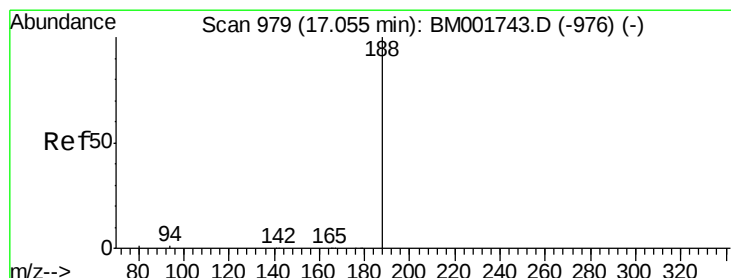
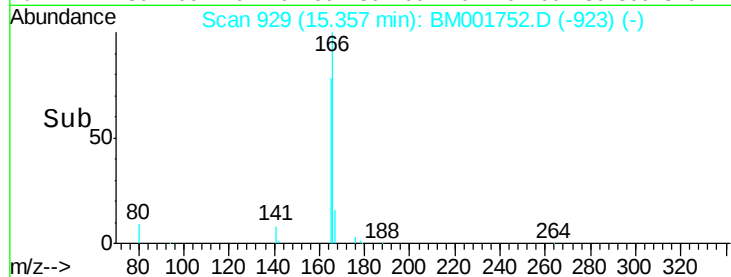
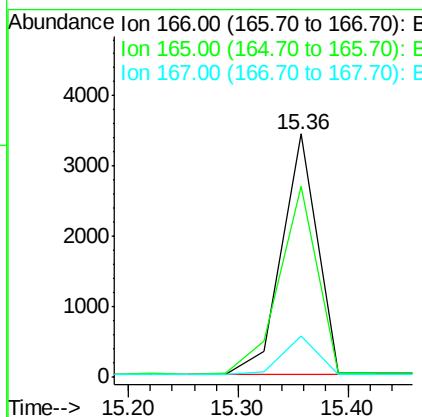
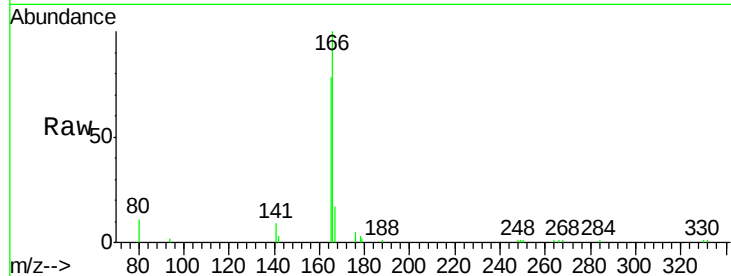




#17
Fluorene
 Concen: 1.08 ng
 RT: 15.36 min Scan# 929
 Delta R.T. 0.00 min
 Lab File: BM001752.D
 Acq: 19 Jun 2015 00:22

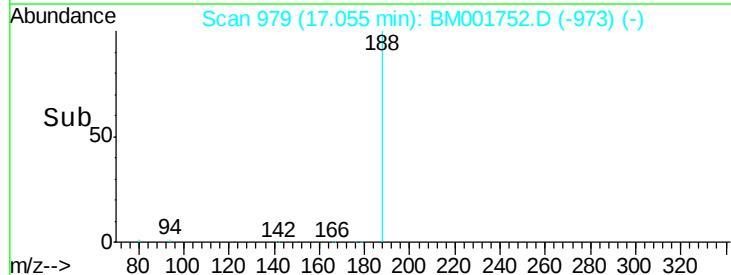
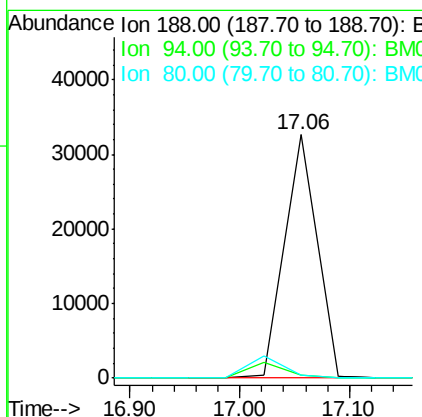
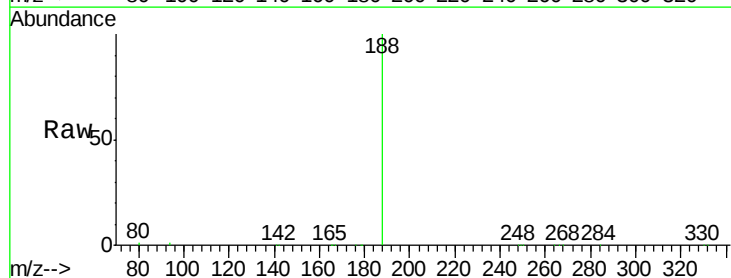
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

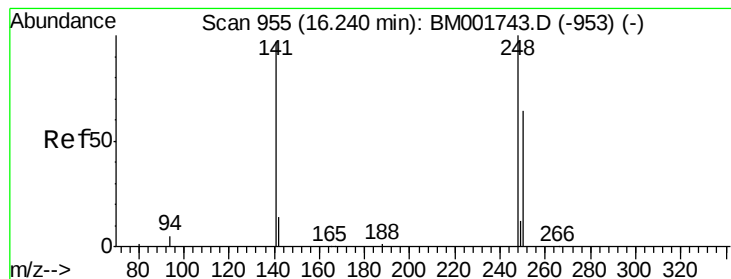
Tgt Ion:166 Resp: 7636
 Ion Ratio Lower Upper
 166 100
 165 83.7 68.2 102.2
 167 15.1 12.2 18.2



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.06 min Scan# 979
 Delta R.T. 0.00 min
 Lab File: BM001752.D
 Acq: 19 Jun 2015 00:22

Tgt Ion:188 Resp: 67317
 Ion Ratio Lower Upper
 188 100
 94 1.3 1.3 1.9
 80 1.1 1.0 1.6





#19

4-Bromophenyl-phenylether

Concen: 1.02 ng

RT: 16.24 min Scan# 955

Delta R.T. 0.00 min

Lab File: BM001752.D

Acq: 19 Jun 2015 00:22

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

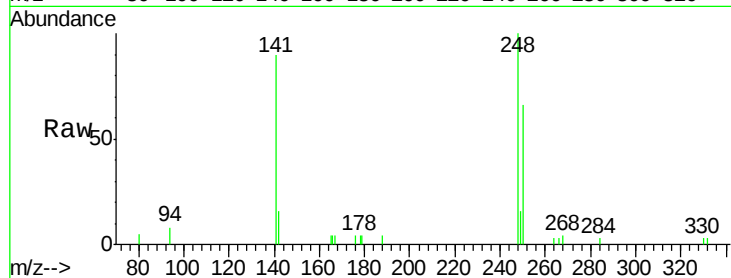
Tgt Ion:248 Resp: 2811

Ion Ratio Lower Upper

248 100

250 69.1 54.8 82.2

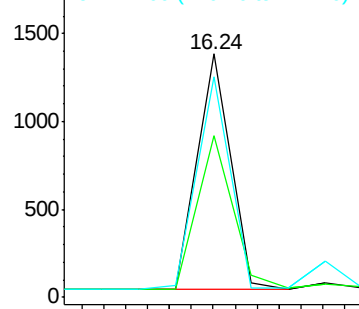
141 89.3 76.2 114.4



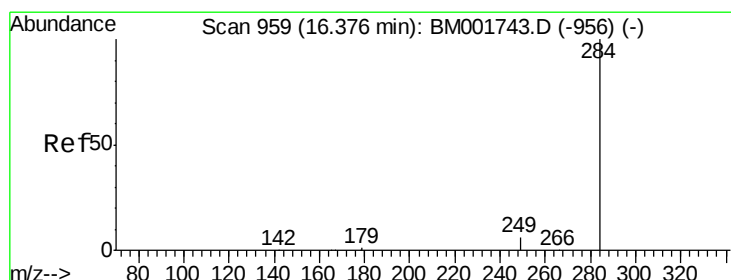
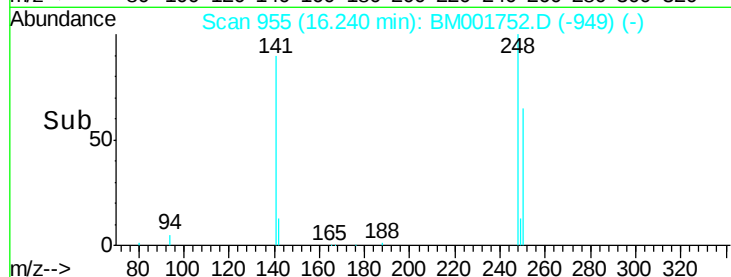
Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->



#20

Hexachlorobenzene

Concen: 1.05 ng

RT: 16.38 min Scan# 959

Delta R.T. 0.00 min

Lab File: BM001752.D

Acq: 19 Jun 2015 00:22

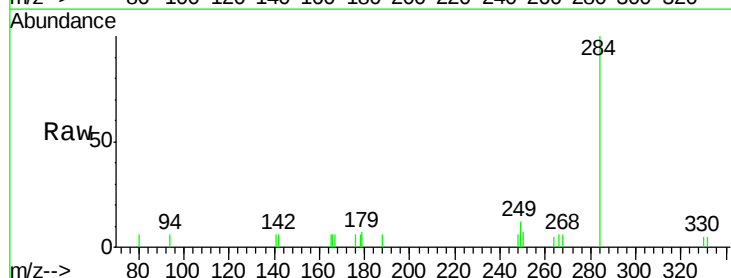
Tgt Ion:284 Resp: 1991

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

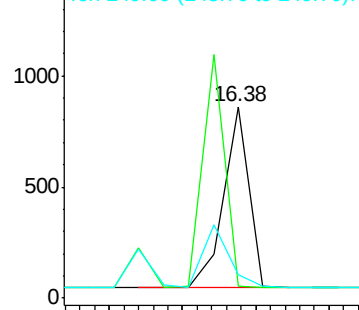
249 0.0 0.0 0.0



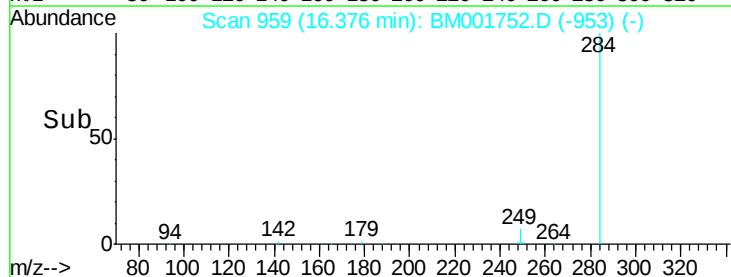
Abundance Ion 283.80 (283.50 to 284.50): E

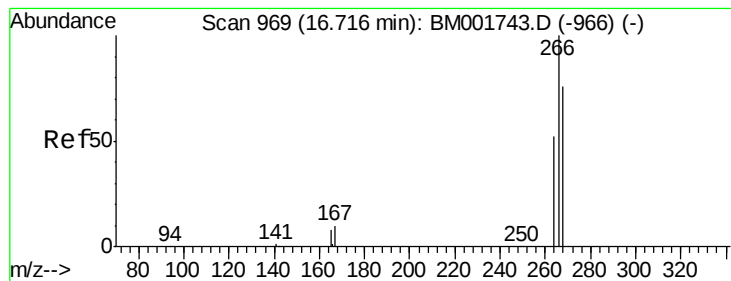
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



Time-->





#21

Pentachlorophenol

Concen: 1.12 ng

RT: 16.72 min Scan# 969

Delta R.T. 0.00 min

Lab File: BM001752.D

Acq: 19 Jun 2015 00:22

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

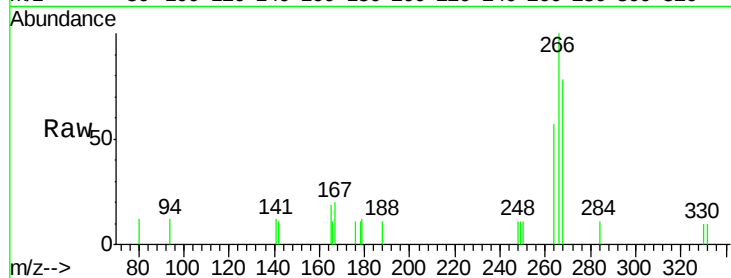
Tgt Ion:266 Resp: 944

Ion Ratio Lower Upper

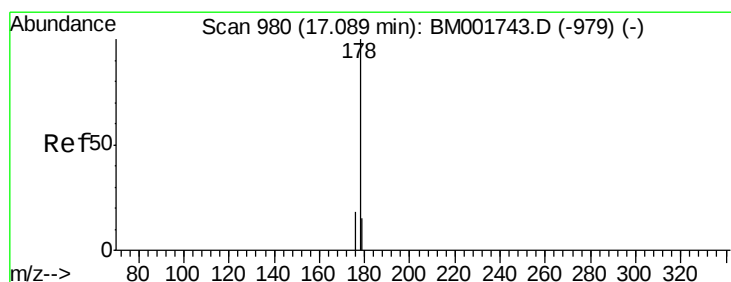
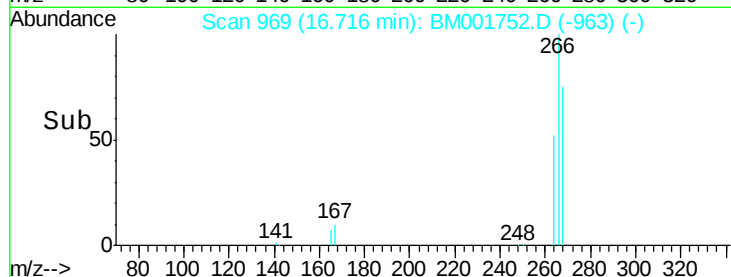
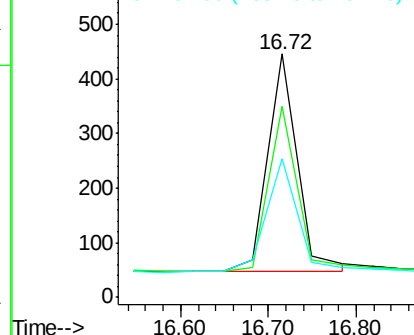
266 100

268 78.3 63.2 94.8

264 56.7 46.2 69.2



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



#22

Phenanthrene

Concen: 0.97 ng

RT: 17.09 min Scan# 980

Delta R.T. 0.00 min

Lab File: BM001752.D

Acq: 19 Jun 2015 00:22

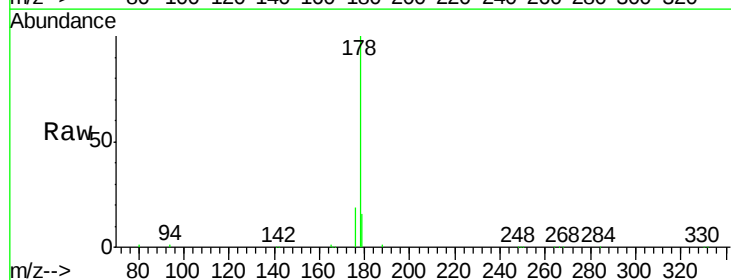
Tgt Ion:178 Resp: 22432

Ion Ratio Lower Upper

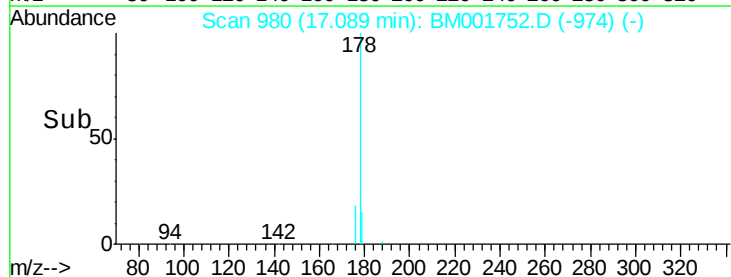
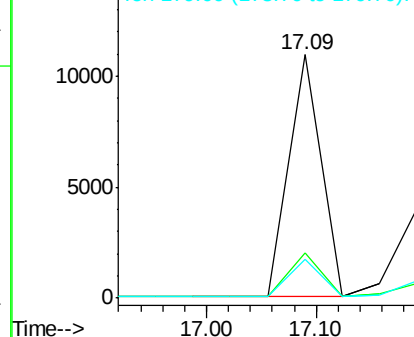
178 100

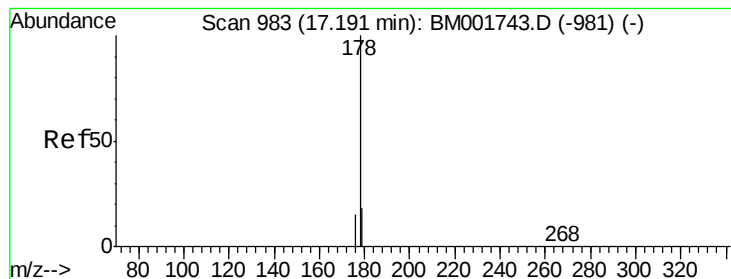
176 18.4 15.4 23.2

179 15.7 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 0.84 ng

RT: 17.19 min Scan# 983

Delta R.T. 0.00 min

Lab File: BM001752.D

Acq: 19 Jun 2015 00:22

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

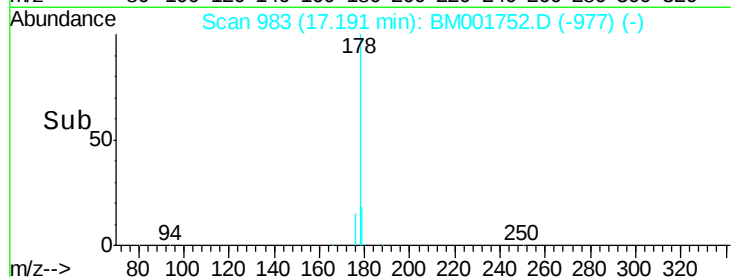
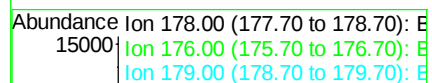
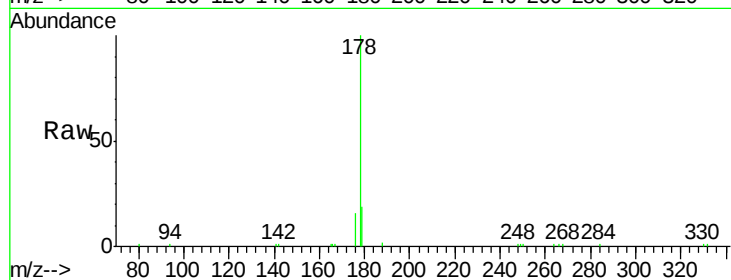
Tgt Ion:178 Resp: 8140

Ion Ratio Lower Upper

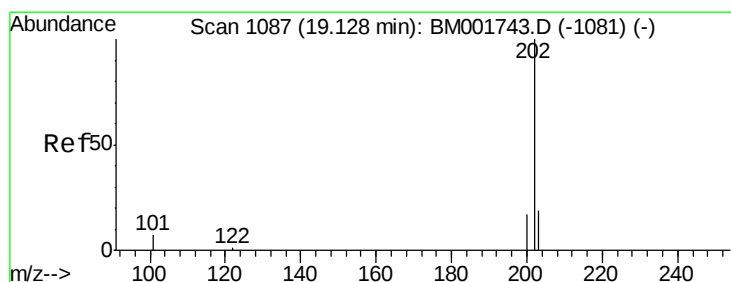
178 100

176 14.4 10.0 15.0

179 18.1 12.3 18.5



Time-->



#24

Fluoranthene

Concen: 1.06 ng

RT: 19.12 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BM001752.D

Acq: 19 Jun 2015 00:22

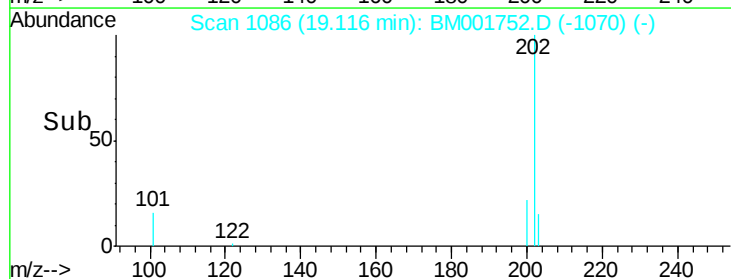
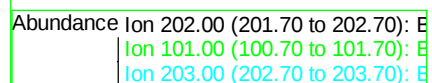
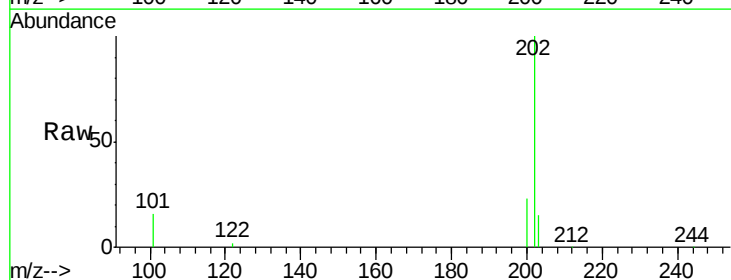
Tgt Ion:202 Resp: 15450

Ion Ratio Lower Upper

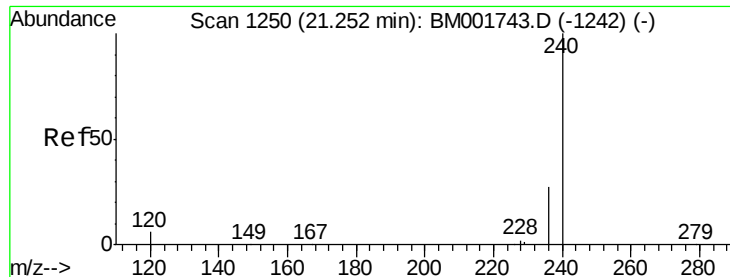
202 100

101 13.9 10.8 16.2

203 16.9 13.8 20.6



Time-->



#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.25 min Scan# 1250

Delta R.T. 0.00 min

Lab File: BM001752.D

Acq: 19 Jun 2015 00:22

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

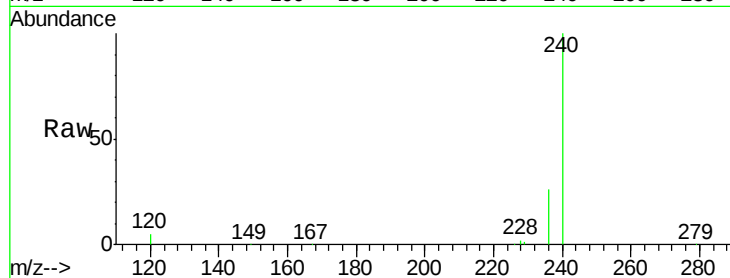
Tgt Ion:240 Resp: 47893

Ion Ratio Lower Upper

240 100

120 4.7 4.7 7.1#

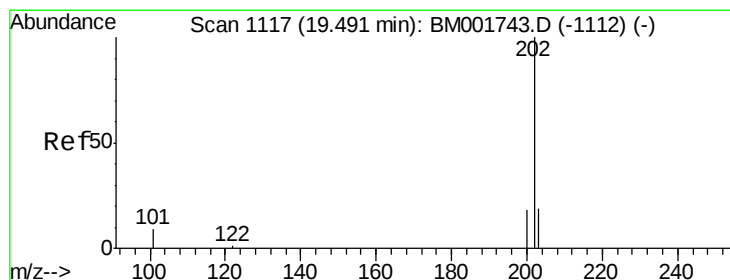
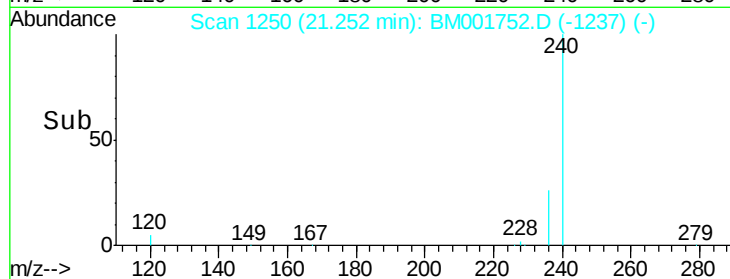
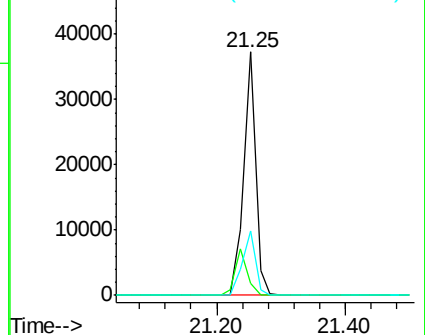
236 26.3 21.6 32.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#26

Pyrene

Concen: 0.98 ng

RT: 19.48 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BM001752.D

Acq: 19 Jun 2015 00:22

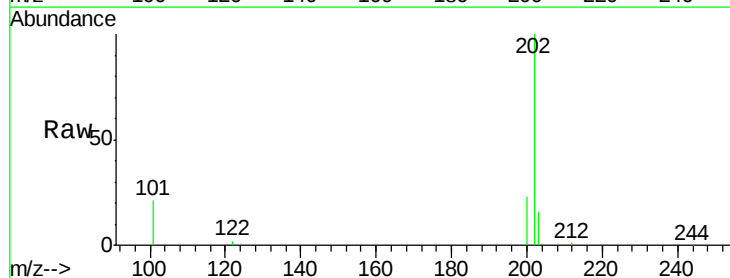
Tgt Ion:202 Resp: 16269

Ion Ratio Lower Upper

202 100

200 20.6 16.6 24.8

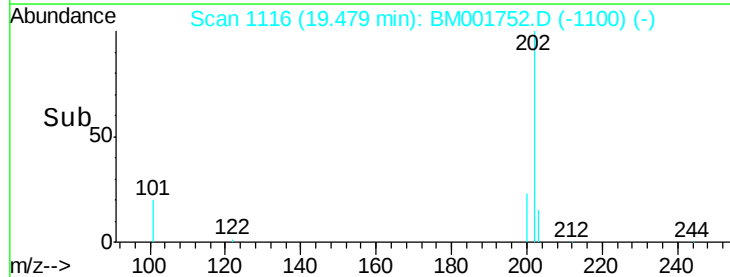
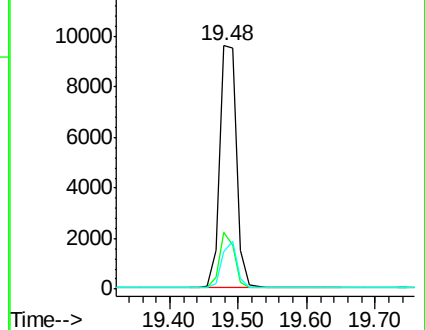
203 17.5 13.9 20.9

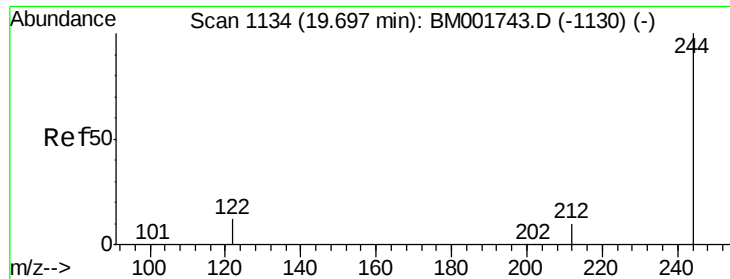


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

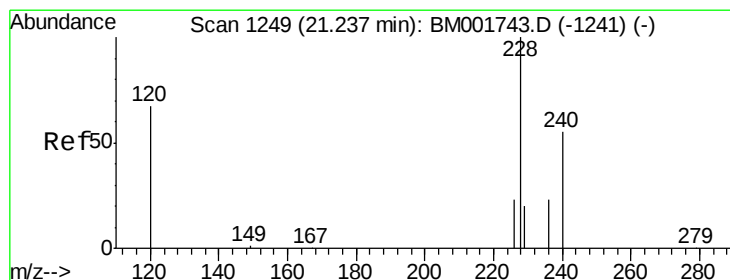
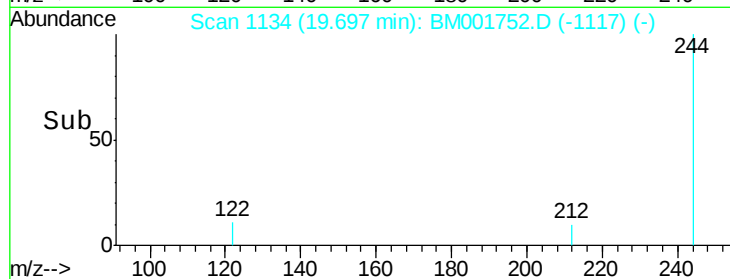
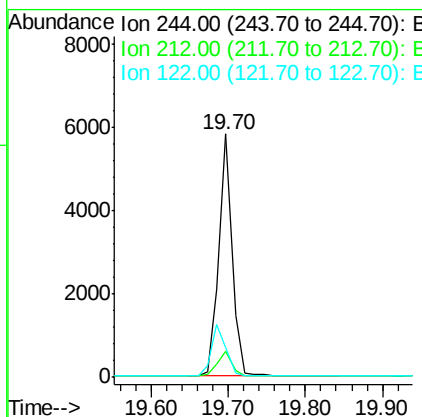
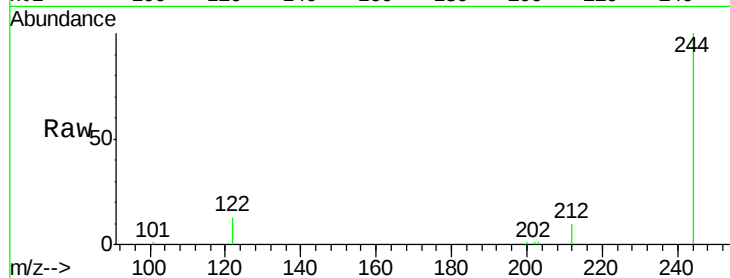




#27
 Terphenyl-d14
 Concen: 0.98 ng
 RT: 19.70 min Scan# 1134
 Delta R.T. 0.00 min
 Lab File: BM001752.D
 Acq: 19 Jun 2015 00:22

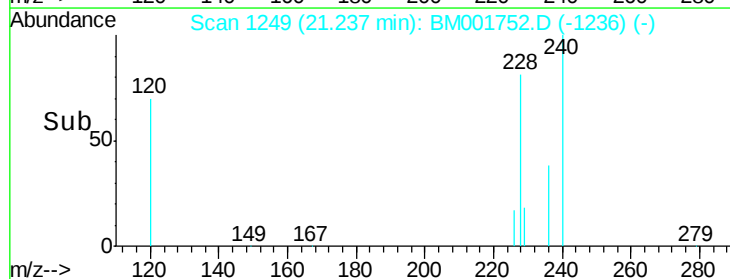
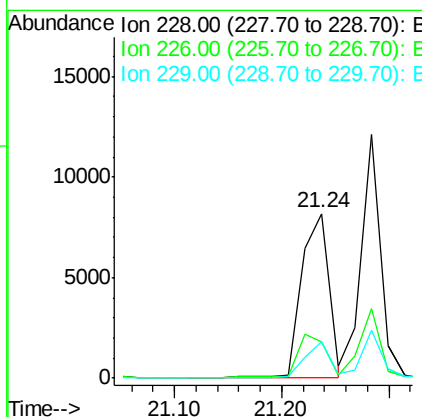
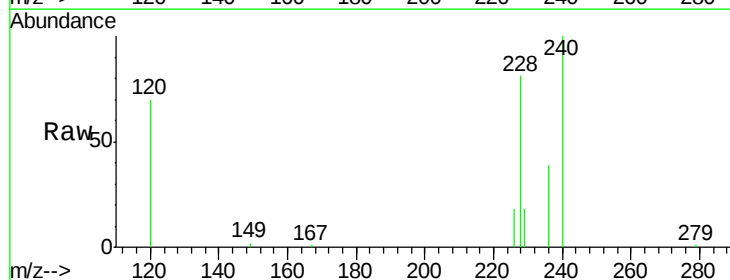
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

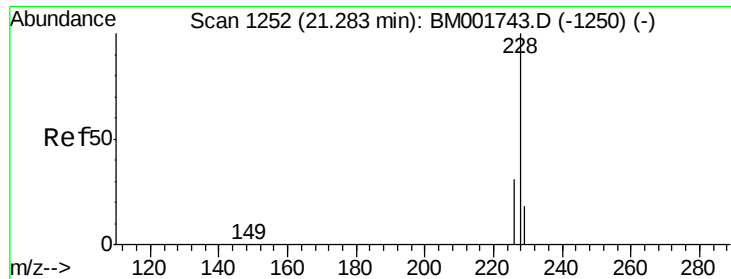
Tgt Ion: 244 Resp: 6895
 Ion Ratio Lower Upper
 244 100
 212 10.5 8.6 13.0
 122 12.5 10.6 15.8



#28
 Benzo(a)anthracene
 Concen: 0.98 ng
 RT: 21.24 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BM001752.D
 Acq: 19 Jun 2015 00:22

Tgt Ion: 228 Resp: 14199
 Ion Ratio Lower Upper
 228 100
 226 22.2 18.9 28.3
 229 22.2 16.6 25.0





#29

Chrysene

Concen: 1.00 ng

RT: 21.28 min Scan# 1252

Delta R.T. 0.00 min

Lab File: BM001752.D

Acq: 19 Jun 2015 00:22

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

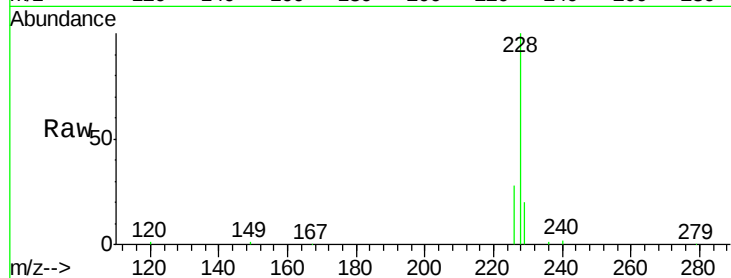
Tgt Ion:228 Resp: 15105

Ion Ratio Lower Upper

228 100

226 28.3 24.3 36.5

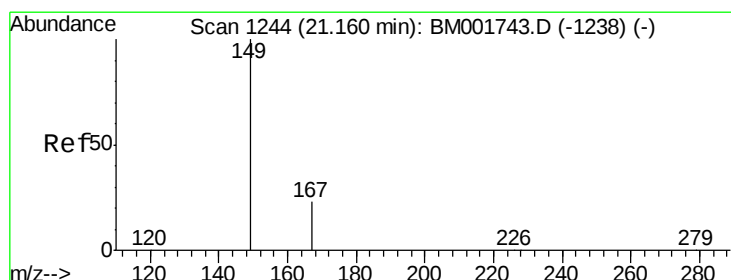
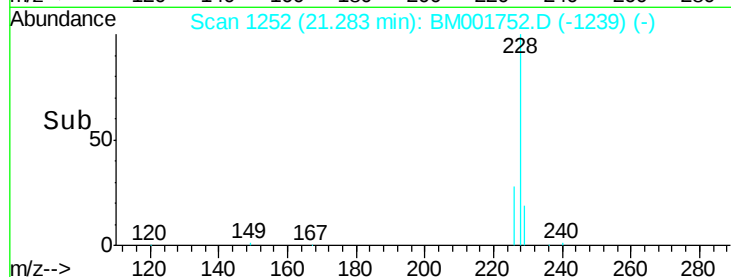
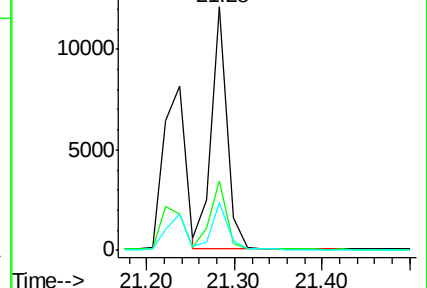
229 19.6 15.0 22.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.96 ng

RT: 21.16 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BM001752.D

Acq: 19 Jun 2015 00:22

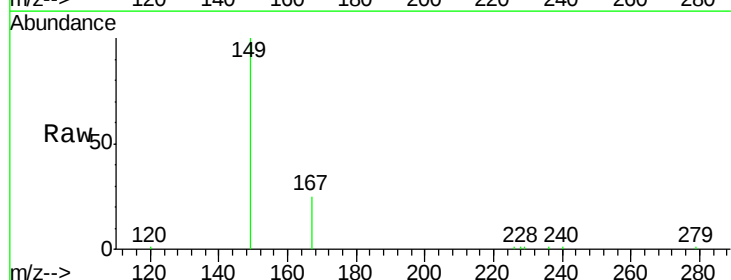
Tgt Ion:149 Resp: 8018

Ion Ratio Lower Upper

149 100

167 24.8 19.7 29.5

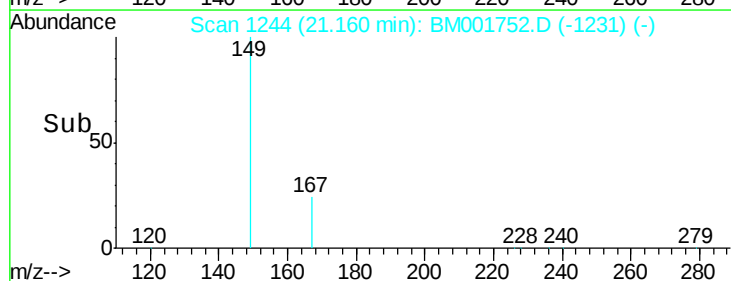
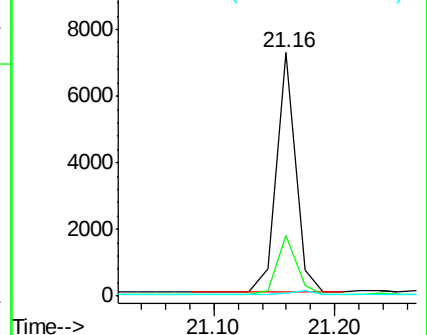
279 2.0 1.6 2.4

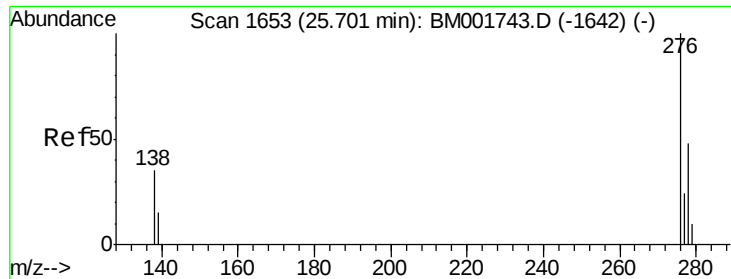


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#31

Indeno(1,2,3-cd)pyrene

Concen: 1.00 ng

RT: 25.70 min Scan# 1653

Delta R.T. 0.00 min

Lab File: BM001752.D

Acq: 19 Jun 2015 00:22

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

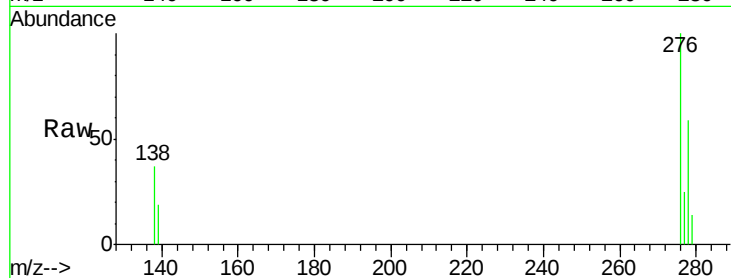
Tgt Ion:276 Resp: 14586

Ion Ratio Lower Upper

276 100

138 36.6 29.0 43.6

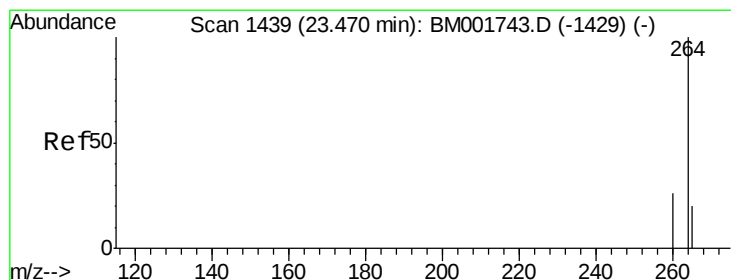
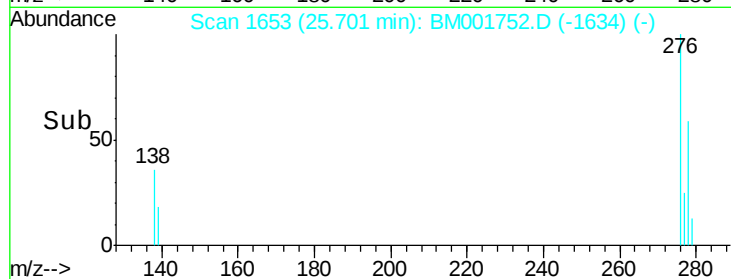
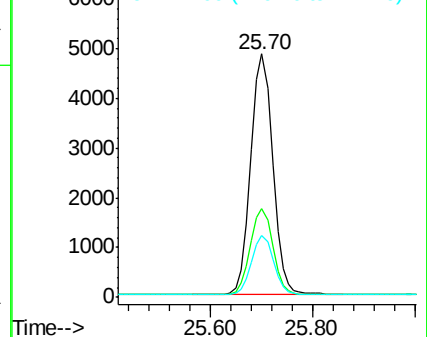
277 24.8 19.7 29.5



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



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.47 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BM001752.D

Acq: 19 Jun 2015 00:22

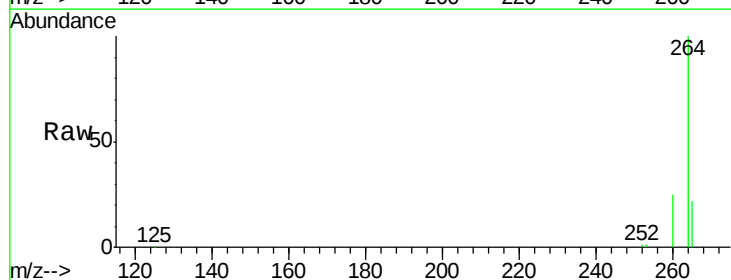
Tgt Ion:264 Resp: 43059

Ion Ratio Lower Upper

264 100

260 25.3 20.8 31.2

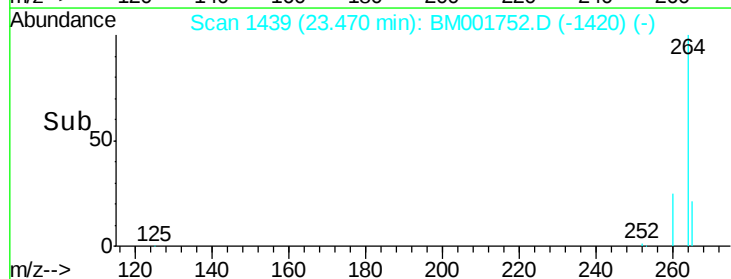
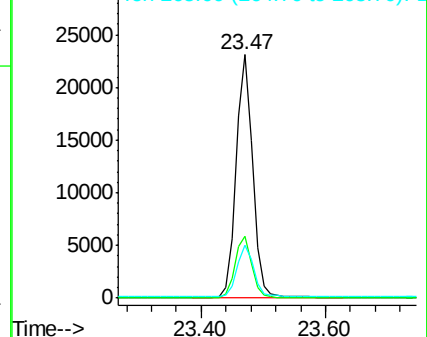
265 21.8 16.8 25.2

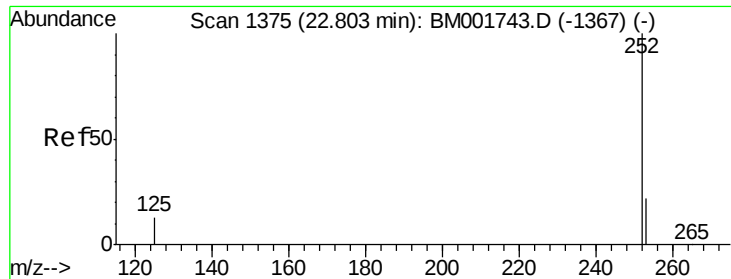


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 0.94 ng

RT: 22.79 min Scan# 1374

Delta R.T. -0.01 min

Lab File: BM001752.D

Acq: 19 Jun 2015 00:22

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

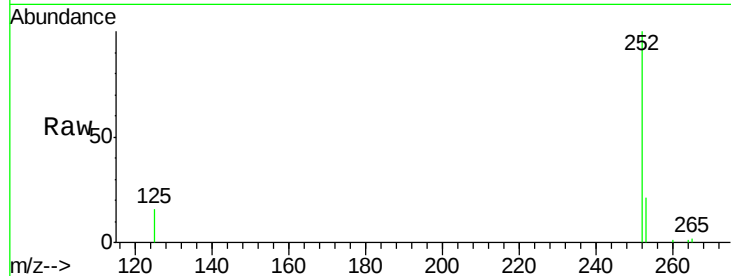
Tgt Ion:252 Resp: 13252

Ion Ratio Lower Upper

252 100

253 21.4 19.0 28.4

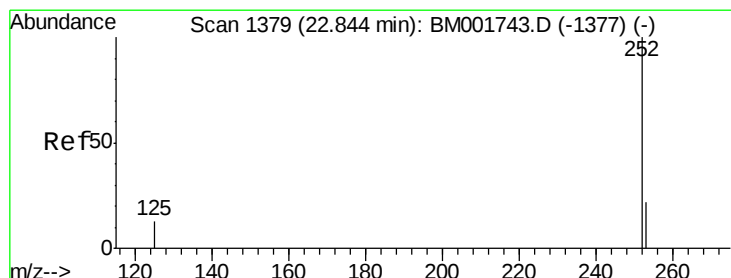
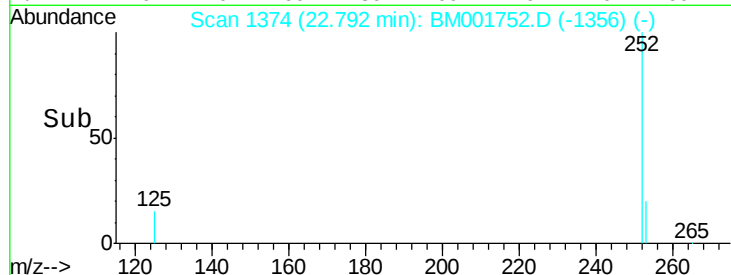
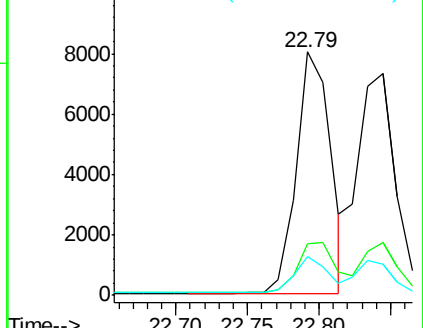
125 15.8 11.3 16.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#34

Benzo(k)fluoranthene

Concen: 1.06 ng

RT: 22.84 min Scan# 1379

Delta R.T. 0.00 min

Lab File: BM001752.D

Acq: 19 Jun 2015 00:22

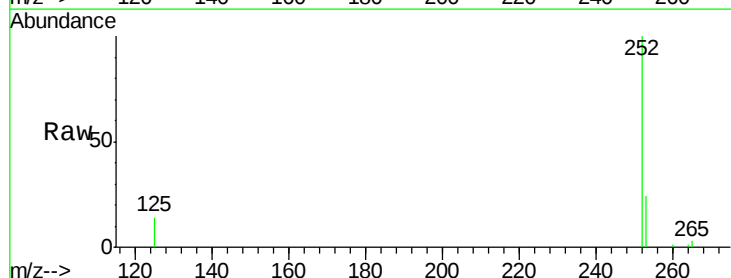
Tgt Ion:252 Resp: 13382

Ion Ratio Lower Upper

252 100

253 24.0 18.2 27.4

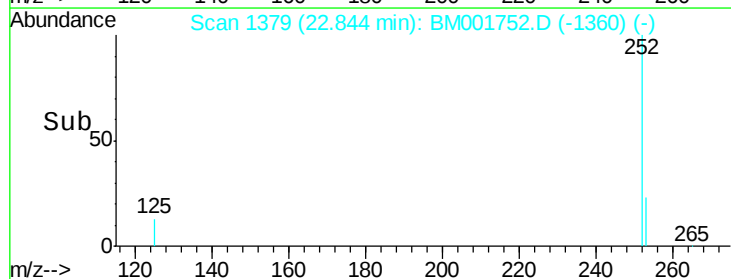
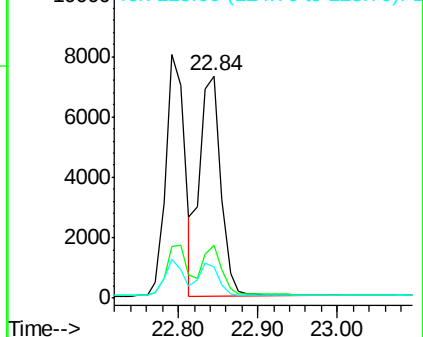
125 14.0 11.8 17.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 1.00 ng

RT: 23.37 min Scan# 1429

Delta R.T. 0.00 min

Lab File: BM001752.D

Acq: 19 Jun 2015 00:22

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

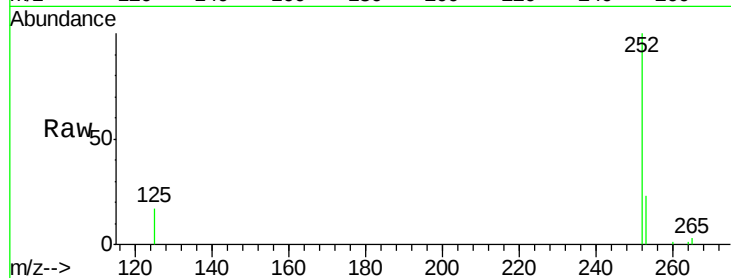
Tgt Ion: 252 Resp: 11848

Ion Ratio Lower Upper

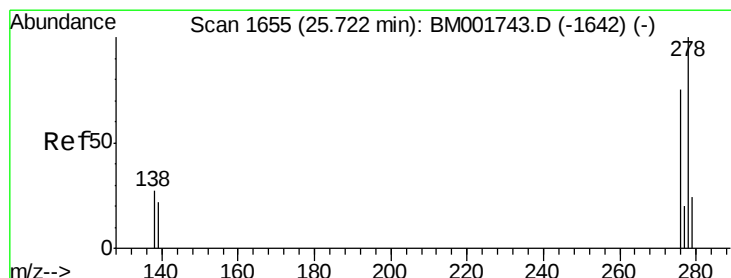
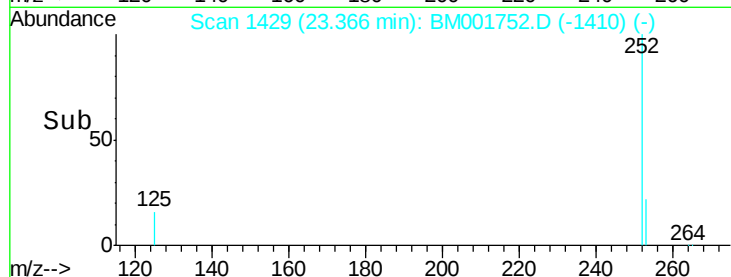
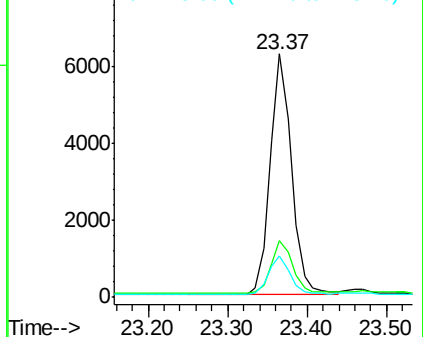
252 100

253 23.2 17.9 26.9

125 16.8 14.1 21.1



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#36

Dibenzo(a,h)anthracene

Concen: 1.00 ng

RT: 25.72 min Scan# 1655

Delta R.T. 0.00 min

Lab File: BM001752.D

Acq: 19 Jun 2015 00:22

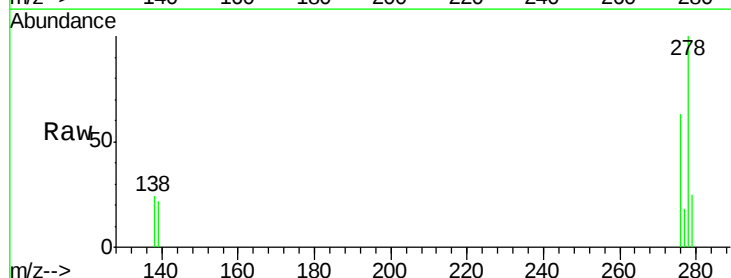
Tgt Ion: 278 Resp: 11782

Ion Ratio Lower Upper

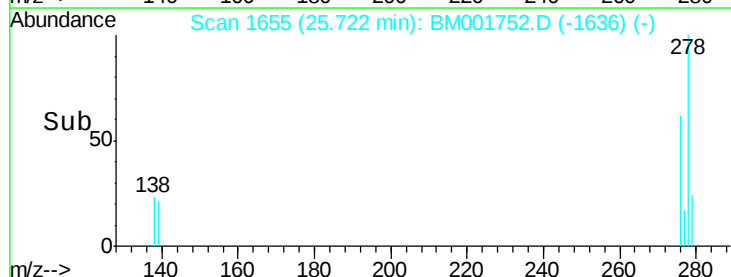
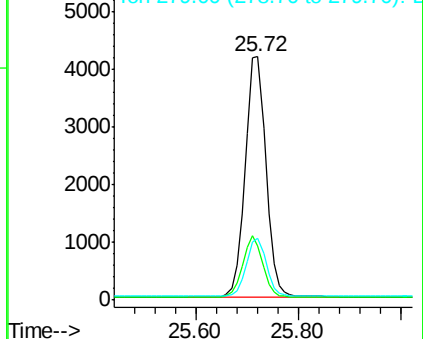
278 100

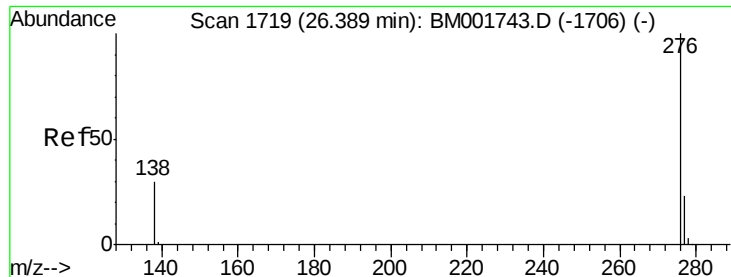
139 22.2 18.4 27.6

279 25.3 19.8 29.8



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#37

Benzo(g,h,i)perylene

Concen: 0.99 ng

RT: 26.39 min Scan# 1719

Delta R.T. 0.00 min

Lab File: BM001752.D

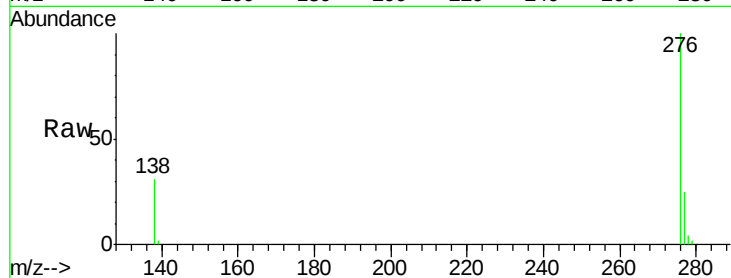
Acq: 19 Jun 2015 00:22

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC



Tgt Ion: 276 Resp: 12249

Ion Ratio Lower Upper

276 100

277 24.6 19.3 28.9

138 31.4 24.7 37.1

