

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060215\
 Data File : BM001532.D
 Acq On : 03 Jun 2015 02:36
 Operator : TP/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

Quant Time: Jun 03 03:36:33 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM060215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 03 02:19:00 2015
 Response via : Initial Calibration

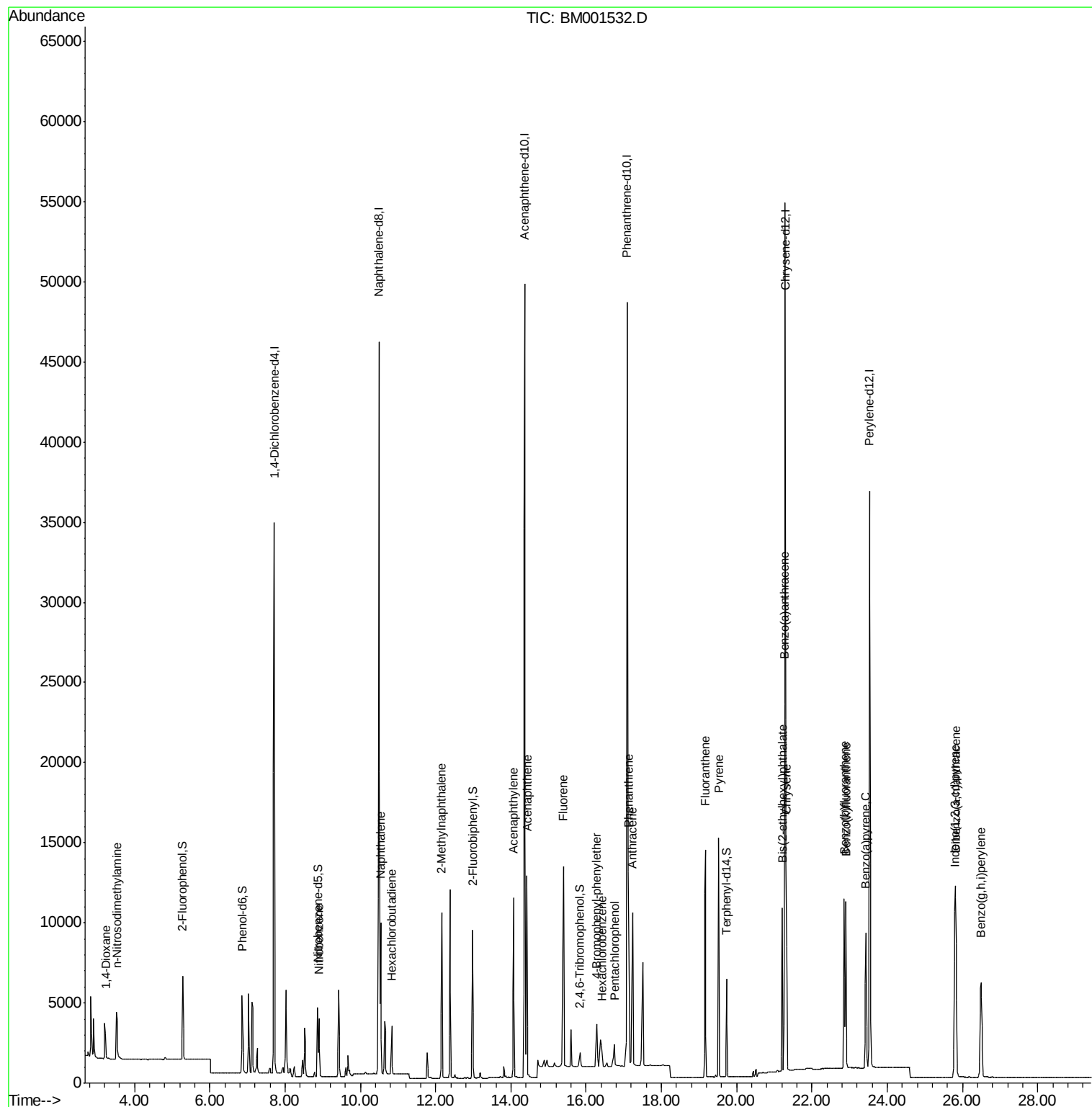
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	17396	5.00	ng	0.00
6) Naphthalene-d8	10.49	136	61455	5.00	ng	0.00
12) Acenaphthene-d10	14.36	164	29797	5.00	ng	0.00
18) Phenanthrene-d10	17.09	188	91622	5.00	ng	0.00
25) Chrysene-d12	21.28	240	51143	5.00	ng	-0.01
32) Perylene-d12	23.53	264	48143	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.28	112	3872	1.02	ng	-0.02
5) Phenol-d6	6.86	99	4744	1.01	ng	0.00
7) Nitrobenzene-d5	8.87	82	3903	1.02	ng	0.00
13) 2,4,6-Tribromophenol	15.83	330	697	1.25	ng	0.00
14) 2-Fluorobiphenyl	12.98	172	8792	0.98	ng	0.00
27) Terphenyl-d14	19.73	244	6196	0.98	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	1626	0.99	ng	96
3) n-Nitrosodimethylamine	3.52	42	2556	1.03	ng	97
8) Nitrobenzene	8.91	77	4122	1.01	ng	98
9) Naphthalene	10.54	128	12747	0.98	ng	97
10) Hexachlorobutadiene	10.83	225	2259	1.00	ng	99
11) 2-Methylnaphthalene	12.17	142	8056	0.99	ng	91
15) Acenaphthylene	14.07	152	12447	0.98	ng	100
16) Acenaphthene	14.42	154	7854	0.99	ng	96
17) Fluorene	15.39	166	11146	0.84	ng	96
19) 4-Bromophenyl-phenylether	16.27	248	1211	0.95	ng	# 1
20) Hexachlorobenzene	16.41	284	2481	0.72	ng	# 37
21) Pentachlorophenol	16.75	266	1209	0.81	ng	92
22) Phenanthrene	17.12	178	18544	1.16	ng	99
23) Anthracene	17.23	178	14694	0.76	ng	99
24) Fluoranthene	19.16	202	14525	0.90	ng	98
26) Pyrene	19.53	202	15294	0.99	ng	100
28) Benzo(a)anthracene	21.27	228	13916	1.01	ng	98
29) Chrysene	21.31	228	12808	0.98	ng	100
30) Bis(2-ethylhexyl)phthalate	21.21	149	9284	0.95	ng	# 98
31) Indeno(1,2,3-cd)pyrene	25.79	276	14622	1.01	ng	94
33) Benzo(b)fluoranthene	22.85	252	13461	0.98	ng	96
34) Benzo(k)fluoranthene	22.90	252	12132	1.01	ng	# 96
35) Benzo(a)pyrene	23.43	252	11669	1.00	ng	# 96
36) Dibenzo(a,h)anthracene	25.82	278	11538	0.99	ng	# 95
37) Benzo(g,h,i)perylene	26.49	276	12097	0.99	ng	95

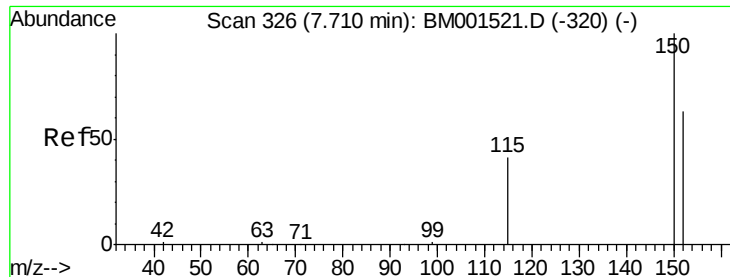
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.71 min Scan# 326

Delta R.T. 0.00 min

Lab File: BM001532.D

Acq: 03 Jun 2015 02:36

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

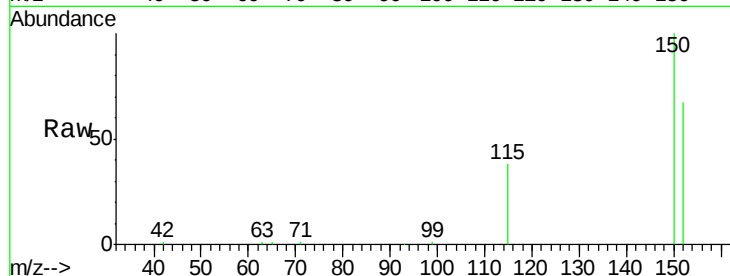
Tgt Ion:152 Resp: 17396

Ion Ratio Lower Upper

152 100

150 149.3 119.0 178.6

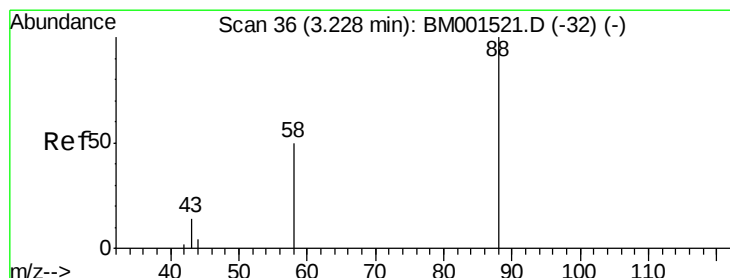
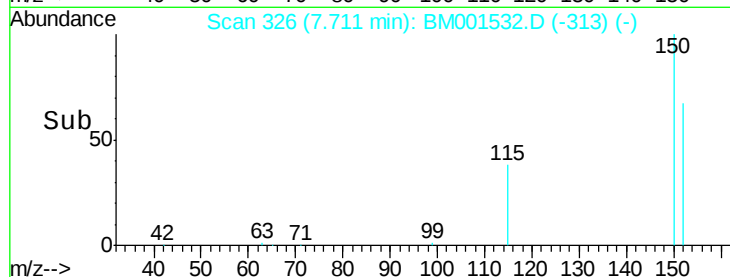
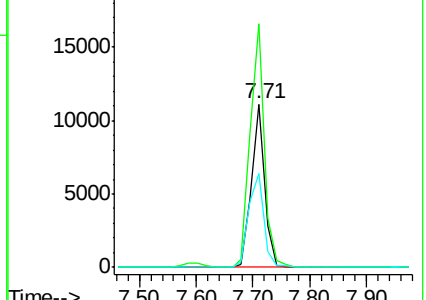
115 57.4 41.8 62.8



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: 0.99 ng

RT: 3.23 min Scan# 36

Delta R.T. 0.00 min

Lab File: BM001532.D

Acq: 03 Jun 2015 02:36

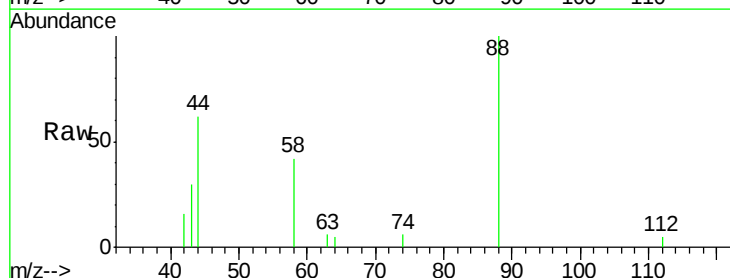
Tgt Ion: 88 Resp: 1626

Ion Ratio Lower Upper

88 100

58 87.5 71.3 106.9

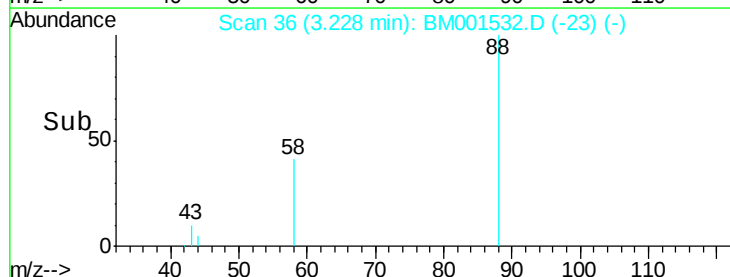
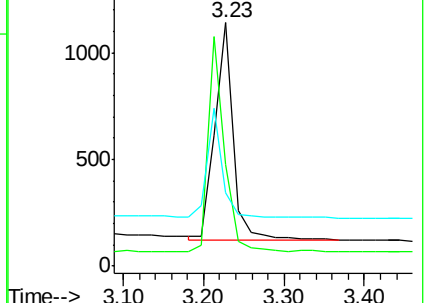
43 39.7 35.5 53.3

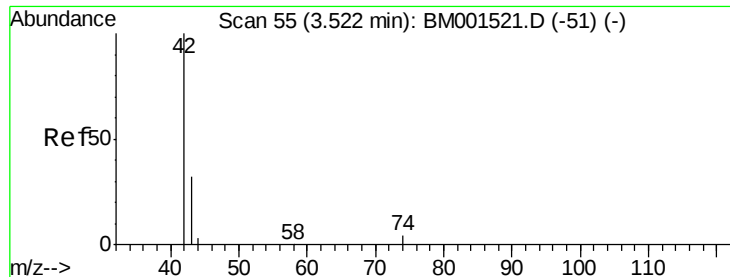


Abundance Ion 88.00 (87.70 to 88.70): BM

Ion 58.00 (57.70 to 58.70): BM

Ion 43.00 (42.70 to 43.70): BM





#3

n-Nitrosodimethylamine

Concen: 1.03 ng

RT: 3.52 min Scan# 55

Delta R.T. 0.00 min

Lab File: BM001532.D

Acq: 03 Jun 2015 02:36

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

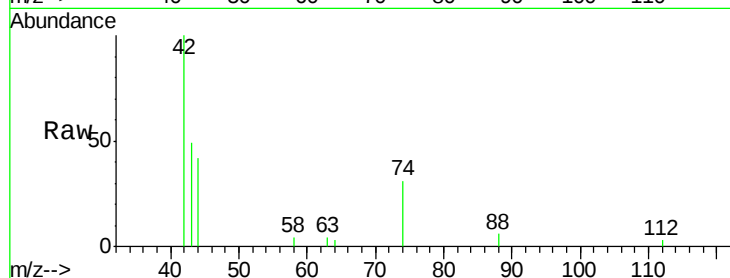
Tgt Ion: 42 Resp: 2556

Ion Ratio Lower Upper

42 100

74 93.5 72.2 108.2

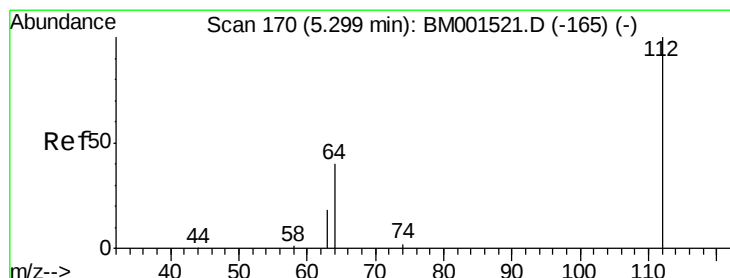
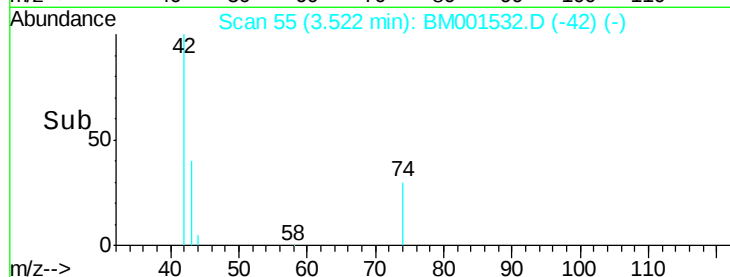
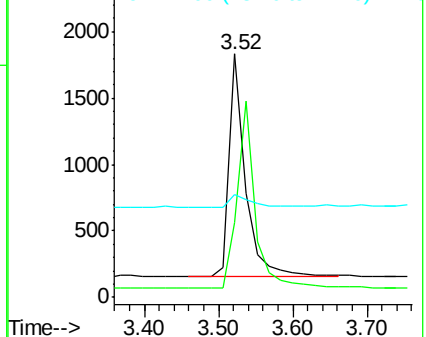
44 8.0 6.2 9.2



Abundance Ion 42.00 (41.70 to 42.70): BM001532.D (-42) (-)

Ion 74.00 (73.70 to 74.70): BM001532.D (-74) (-)

Ion 44.00 (43.70 to 44.70): BM001532.D (-44) (-)



#4

2-Fluorophenol

Concen: 1.02 ng

RT: 5.28 min Scan# 169

Delta R.T. -0.02 min

Lab File: BM001532.D

Acq: 03 Jun 2015 02:36

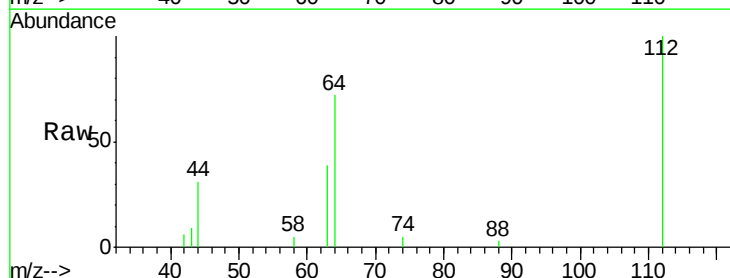
Tgt Ion: 112 Resp: 3872

Ion Ratio Lower Upper

112 100

64 65.9 51.7 77.5

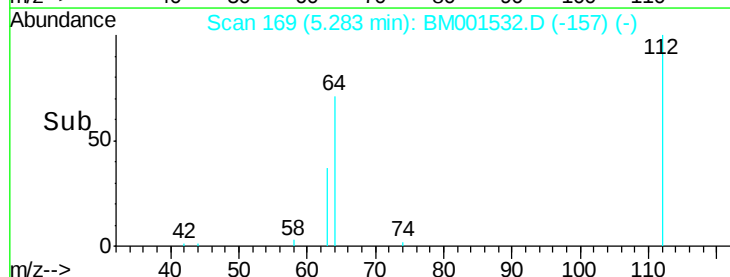
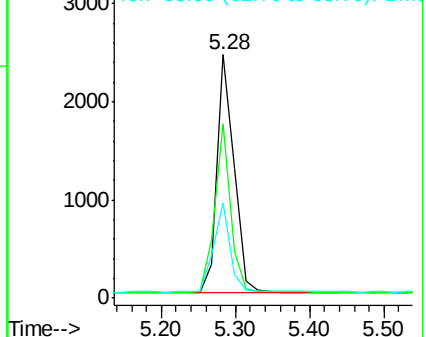
63 36.4 29.7 44.5

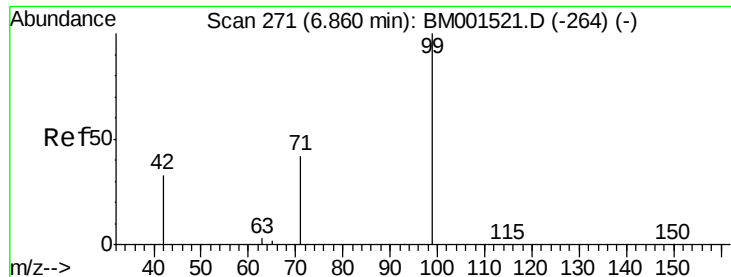


Abundance Ion 112.00 (111.70 to 112.70): BM001532.D (-112) (-)

Ion 64.00 (63.70 to 64.70): BM001532.D (-64) (-)

Ion 63.00 (62.70 to 63.70): BM001532.D (-63) (-)





#5

Phenol-d6

Concen: 1.01 ng

RT: 6.86 min Scan# 271

Delta R.T. 0.00 min

Lab File: BM001532.D

Acq: 03 Jun 2015 02:36

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

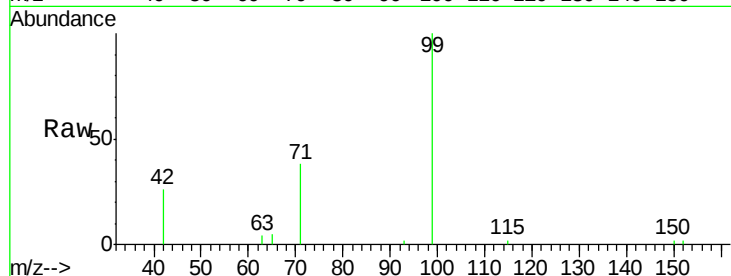
Tgt Ion: 99 Resp: 4744

Ion Ratio Lower Upper

99 100

42 26.8 21.8 32.6

71 35.8 29.2 43.8



Abundance Ion 99.00 (98.70 to 99.70): BM001532.D (-258) (-)

Ion 42.00 (41.70 to 42.70): BM001532.D (-258) (-)

Ion 71.00 (70.70 to 71.70): BM001532.D (-258) (-)

6.86

3000

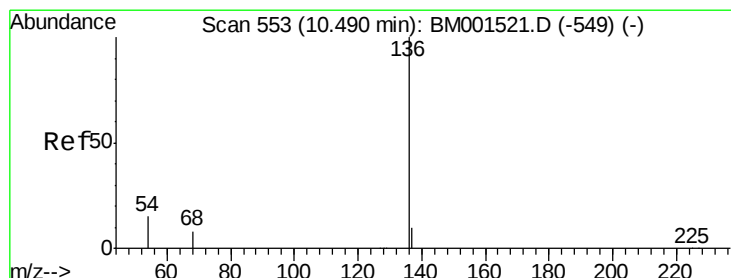
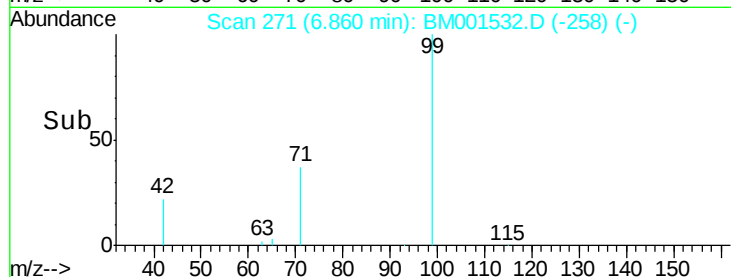
2000

1000

0

6.80 6.90 7.00

Time-->



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.49 min Scan# 553

Delta R.T. 0.00 min

Lab File: BM001532.D

Acq: 03 Jun 2015 02:36

Tgt Ion: 136 Resp: 61455

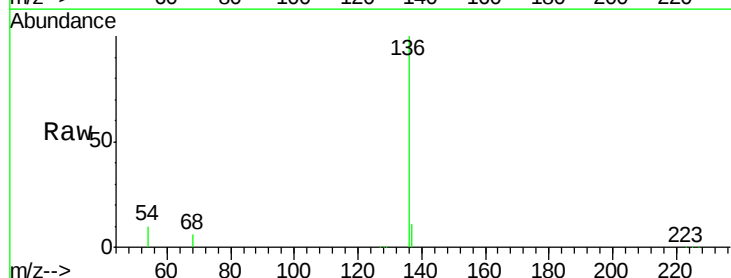
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 10.4 4.3 6.5#

68 6.3 2.6 4.0#



Abundance Ion 136.00 (135.70 to 136.70): BM001532.D (-541) (-)

Ion 137.00 (136.70 to 137.70): BM001532.D (-541) (-)

Ion 54.00 (53.70 to 54.70): BM001532.D (-541) (-)

Ion 68.00 (67.70 to 68.70): BM001532.D (-541) (-)

10.49

50000

40000

30000

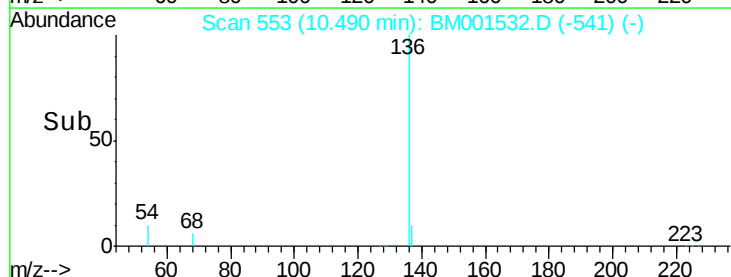
20000

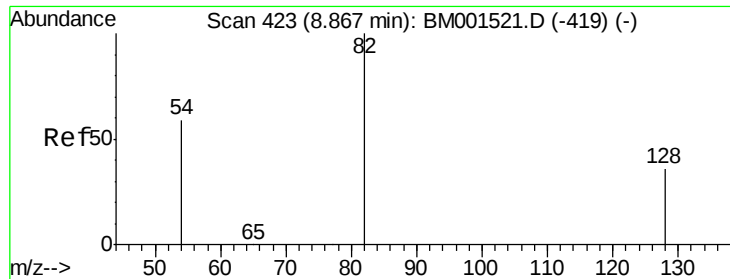
10000

0

10.40 10.60

Time-->





#7

Nitrobenzene-d5

Concen: 1.02 ng

RT: 8.87 min Scan# 423

Delta R.T. 0.00 min

Lab File: BM001532.D

Acq: 03 Jun 2015 02:36

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

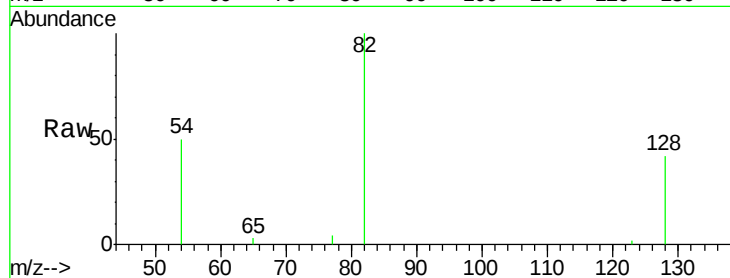
Tgt Ion: 82 Resp: 3903

Ion Ratio Lower Upper

82 100

128 42.0 30.2 45.4

54 50.3 52.9 79.3#

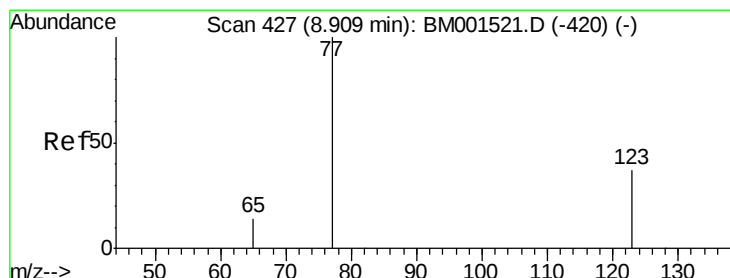
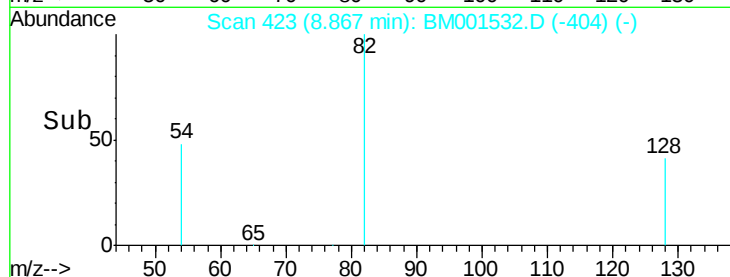


Abundance Ion 82.00 (81.70 to 82.70): BM001532.D (-404) (-)

Ion 128.00 (127.70 to 128.70): BM001532.D (-404) (-)

Ion 54.00 (53.70 to 54.70): BM001532.D (-404) (-)

Time-->



#8

Nitrobenzene

Concen: 1.01 ng

RT: 8.91 min Scan# 427

Delta R.T. 0.00 min

Lab File: BM001532.D

Acq: 03 Jun 2015 02:36

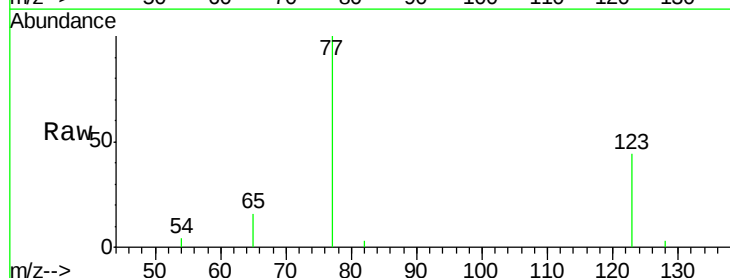
Tgt Ion: 77 Resp: 4122

Ion Ratio Lower Upper

77 100

123 40.2 33.7 50.5

65 14.5 11.3 16.9

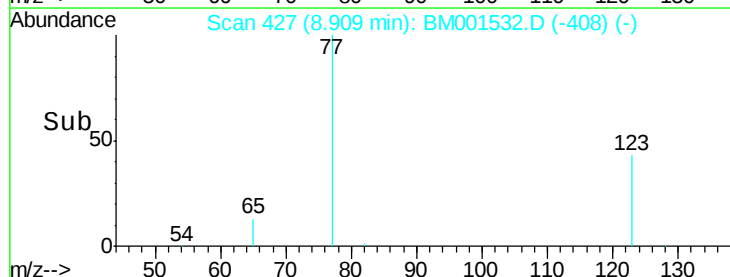


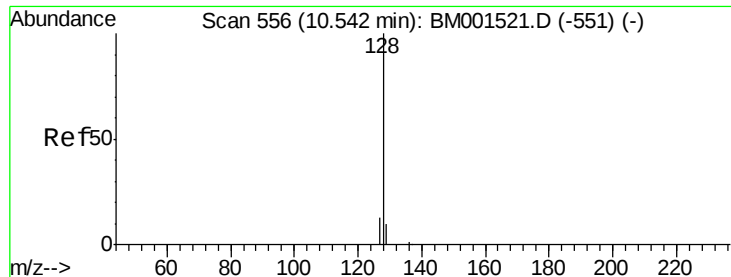
Abundance Ion 77.00 (76.70 to 77.70): BM001532.D (-408) (-)

Ion 123.00 (122.70 to 123.70): BM001532.D (-408) (-)

Ion 65.00 (64.70 to 65.70): BM001532.D (-408) (-)

Time-->





#9

Naphthalene

Concen: 0.98 ng

RT: 10.54 min Scan# 556

Delta R.T. 0.00 min

Lab File: BM001532.D

Acq: 03 Jun 2015 02:36

Instrument :

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SSTDCCC001EC

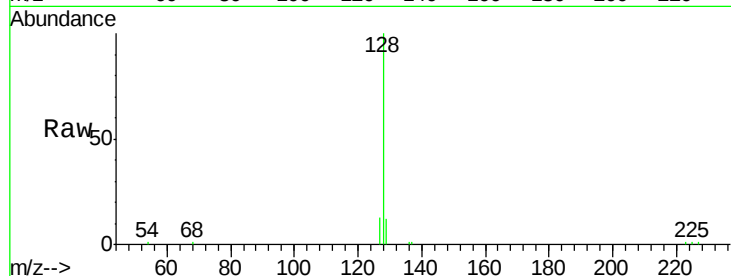
Tgt Ion:128 Resp: 12747

Ion Ratio Lower Upper

128 100

129 11.7 8.6 13.0

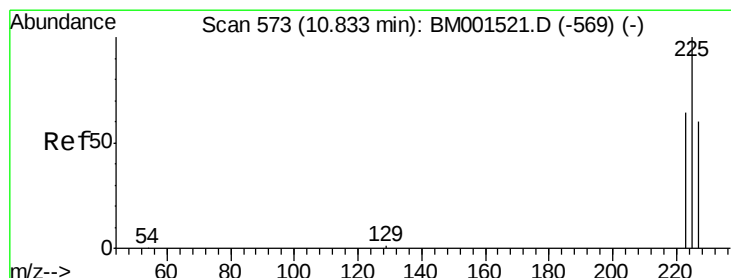
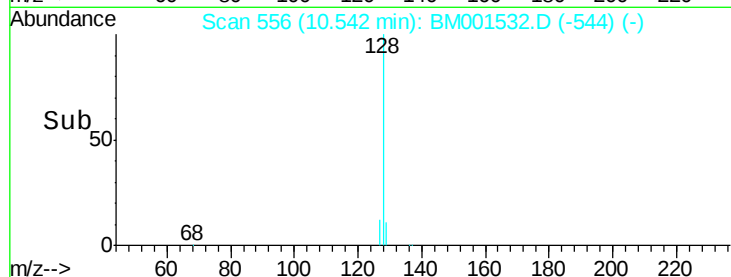
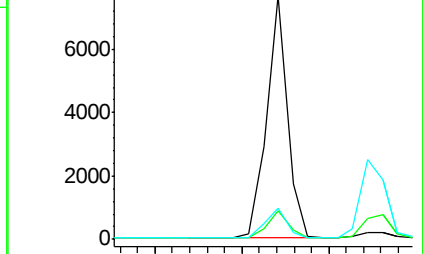
127 12.9 11.7 17.5



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 1.00 ng

RT: 10.83 min Scan# 573

Delta R.T. 0.00 min

Lab File: BM001532.D

Acq: 03 Jun 2015 02:36

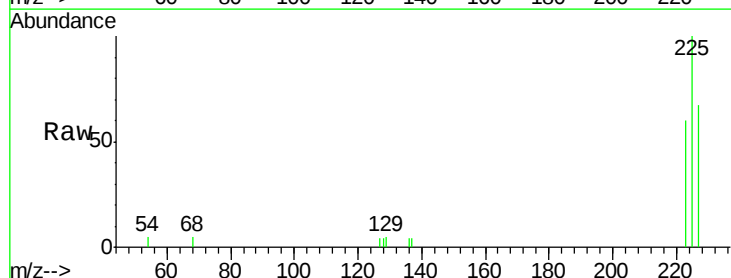
Tgt Ion:225 Resp: 2259

Ion Ratio Lower Upper

225 100

223 63.6 50.2 75.2

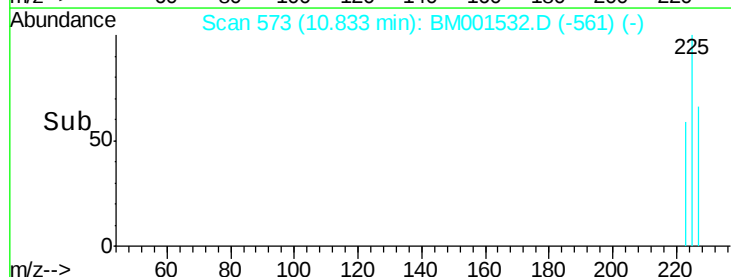
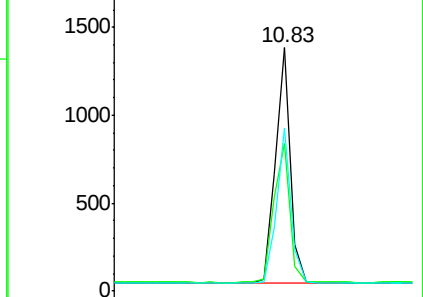
227 63.6 51.1 76.7

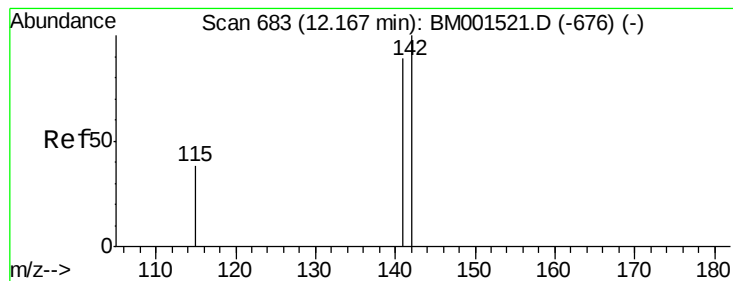


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 0.99 ng

RT: 12.17 min Scan# 683

Delta R.T. 0.00 min

Lab File: BM001532.D

Acq: 03 Jun 2015 02:36

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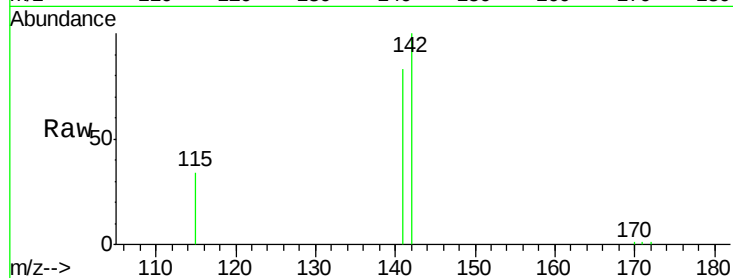
Tgt Ion:142 Resp: 8056

Ion Ratio Lower Upper

142 100

141 82.6 72.6 109.0

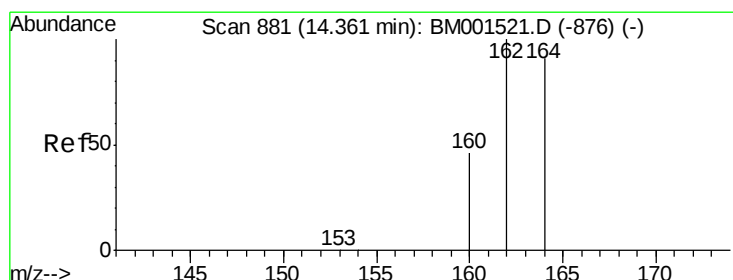
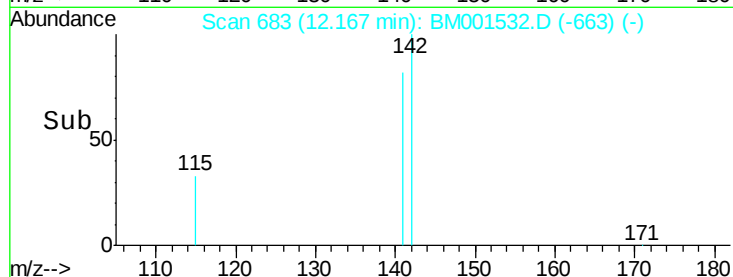
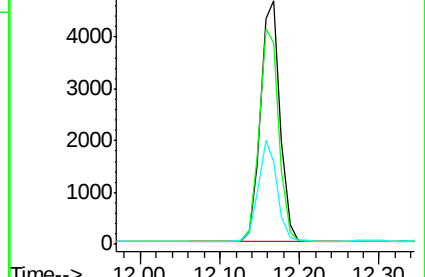
115 33.7 31.2 46.8



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: 14.36 min Scan# 881

Delta R.T. -0.01 min

Lab File: BM001532.D

Acq: 03 Jun 2015 02:36

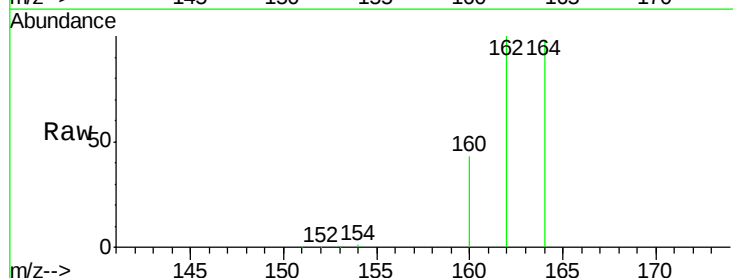
Tgt Ion:164 Resp: 29797

Ion Ratio Lower Upper

164 100

162 101.5 83.4 125.2

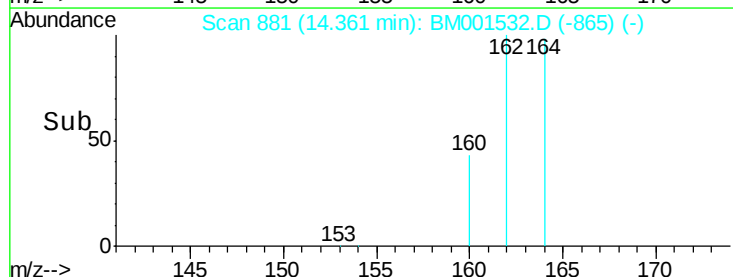
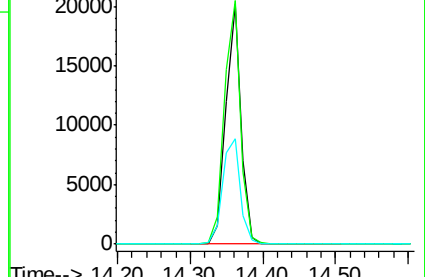
160 44.1 36.9 55.3

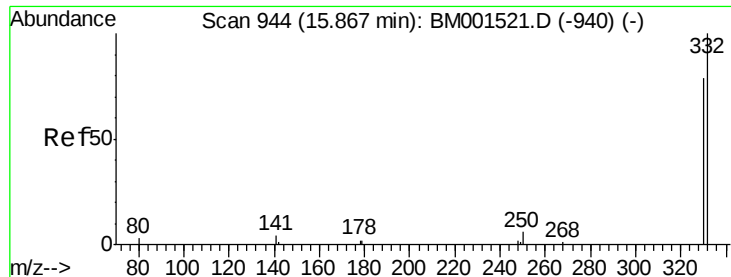


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

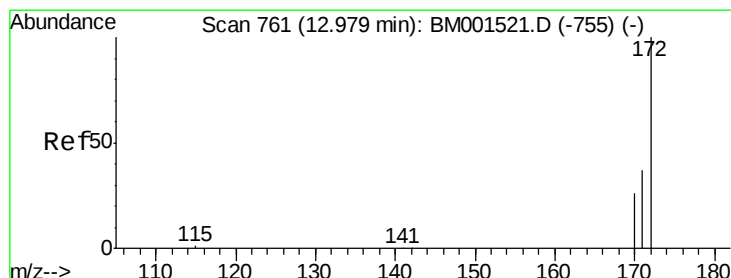
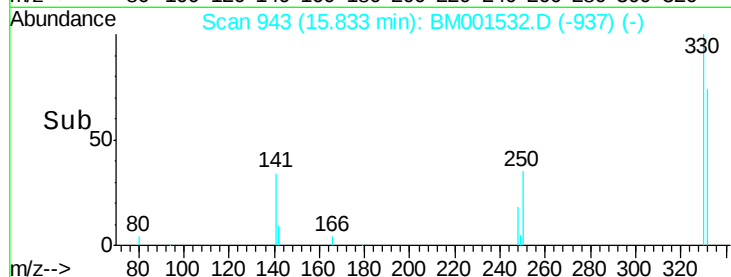
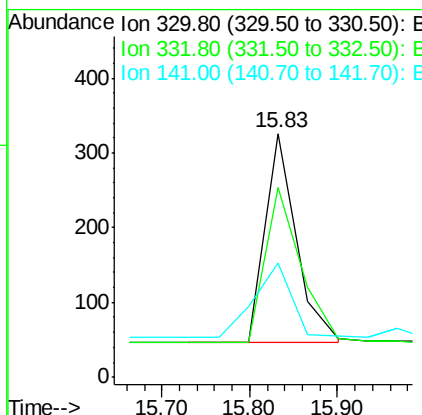
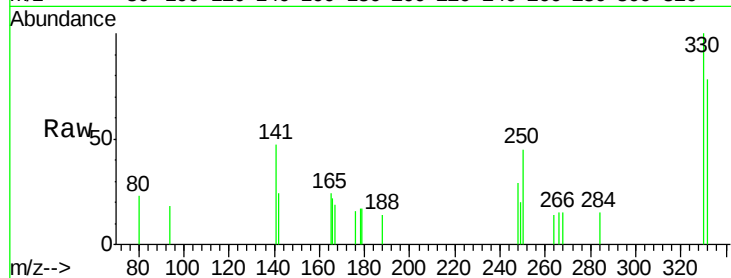




#13
 2,4,6-Tribromophenol
 Concen: 1.25 ng
 RT: 15.83 min Scan# 943
 Delta R.T. -0.01 min
 Lab File: BM001532.D
 Acq: 03 Jun 2015 02:36

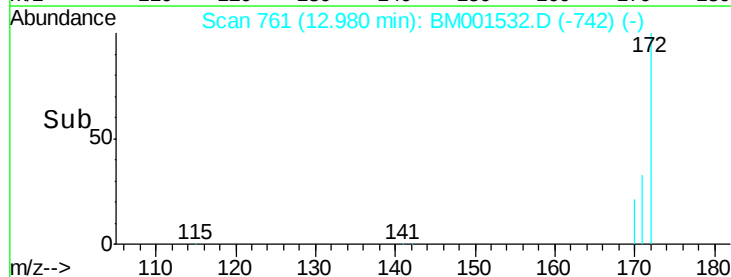
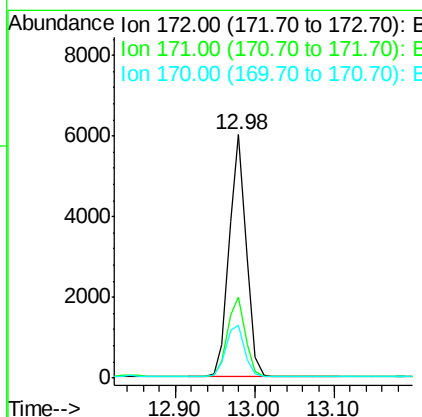
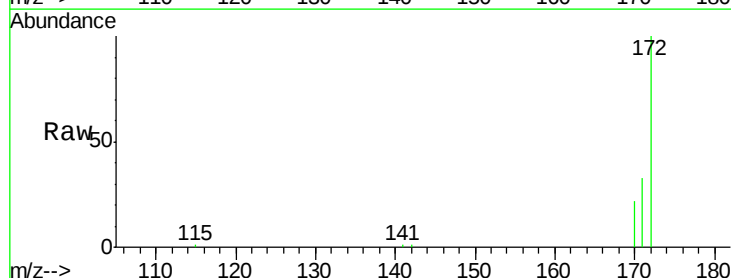
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

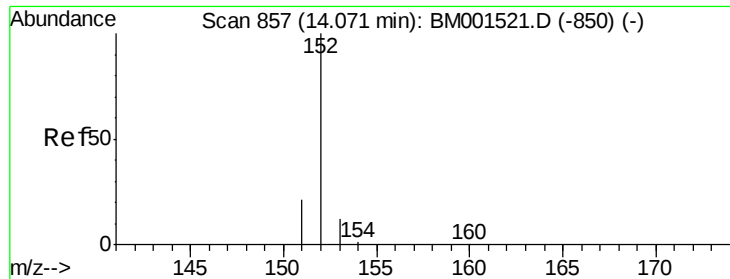
Tgt Ion:330 Resp: 697
 Ion Ratio Lower Upper
 330 100
 332 84.2 90.3 135.5#
 141 43.6 0.0 0.0#



#14
 2-Fluorobiphenyl
 Concen: 0.98 ng
 RT: 12.98 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BM001532.D
 Acq: 03 Jun 2015 02:36

Tgt Ion:172 Resp: 8792
 Ion Ratio Lower Upper
 172 100
 171 33.4 29.4 44.0
 170 21.5 20.2 30.4





#15

Acenaphthylene

Concen: 0.98 ng

RT: 14.07 min Scan# 857

Delta R.T. -0.01 min

Lab File: BM001532.D

Acq: 03 Jun 2015 02:36

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

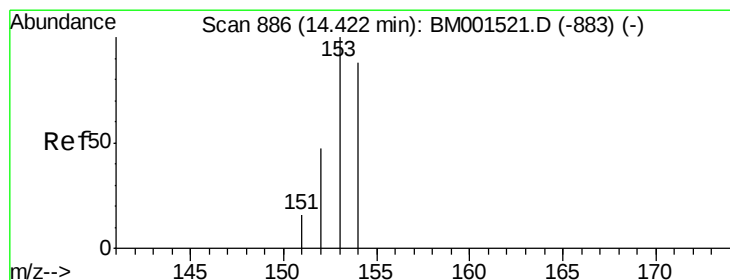
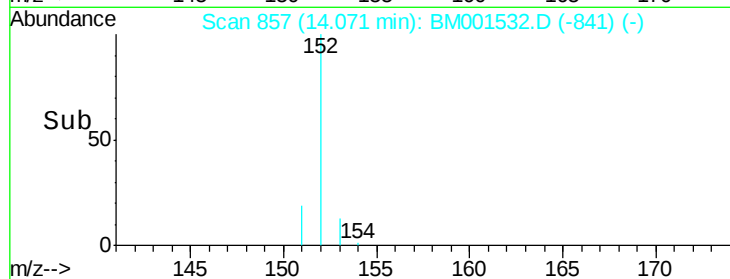
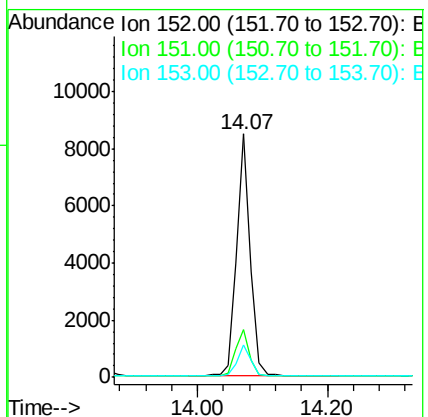
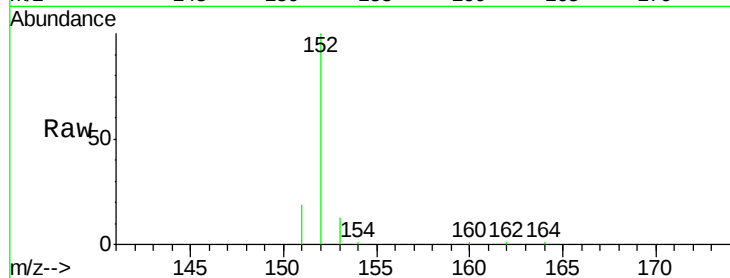
Tgt Ion:152 Resp: 12447

Ion Ratio Lower Upper

152 100

151 19.2 15.1 22.7

153 12.8 10.2 15.4



#16

Acenaphthene

Concen: 0.99 ng

RT: 14.42 min Scan# 886

Delta R.T. -0.01 min

Lab File: BM001532.D

Acq: 03 Jun 2015 02:36

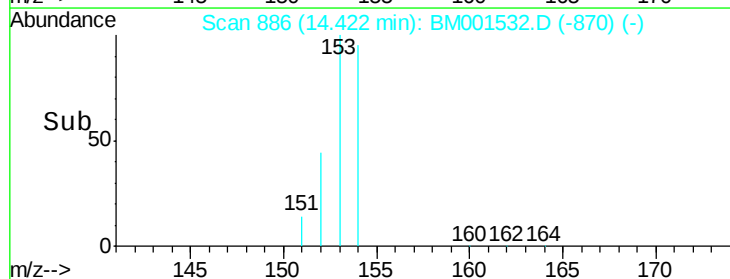
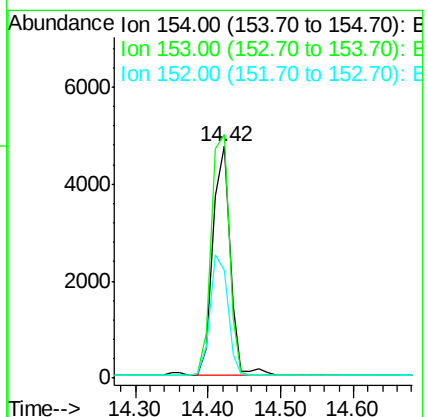
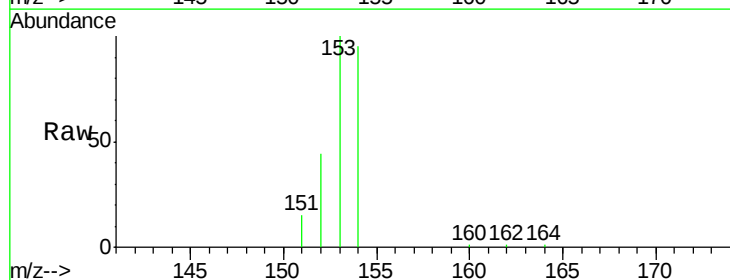
Tgt Ion:154 Resp: 7854

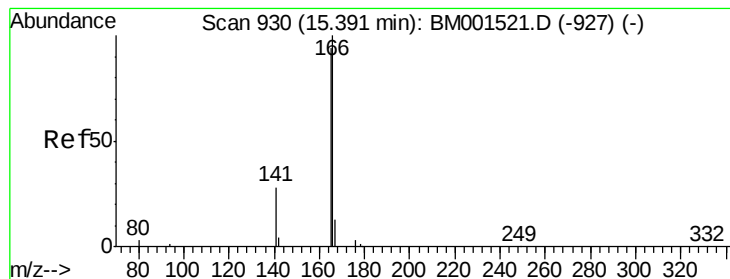
Ion Ratio Lower Upper

154 100

153 109.5 91.4 137.2

152 53.0 44.0 66.0





#17

Fluorene

Concen: 0.84 ng

RT: 15.39 min Scan# 930

Delta R.T. -0.01 min

Lab File: BM001532.D

Acq: 03 Jun 2015 02:36

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

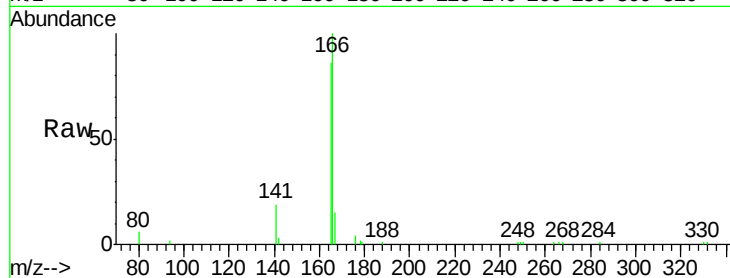
Tgt Ion:166 Resp: 11146

Ion Ratio Lower Upper

166 100

165 87.0 72.6 108.8

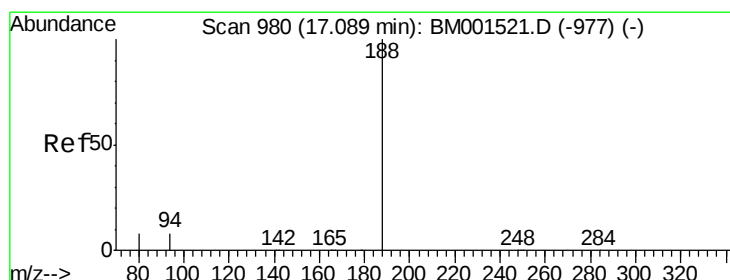
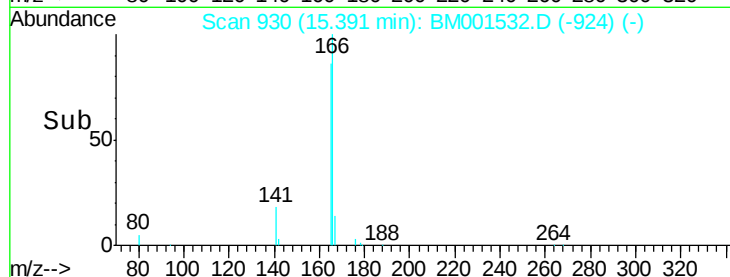
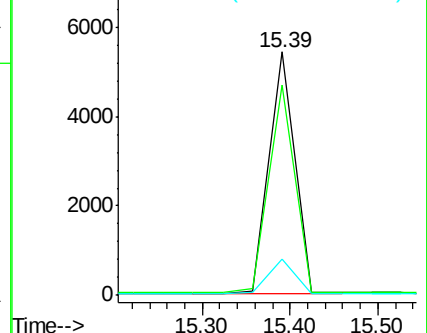
167 14.3 10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.09 min Scan# 980

Delta R.T. -0.01 min

Lab File: BM001532.D

Acq: 03 Jun 2015 02:36

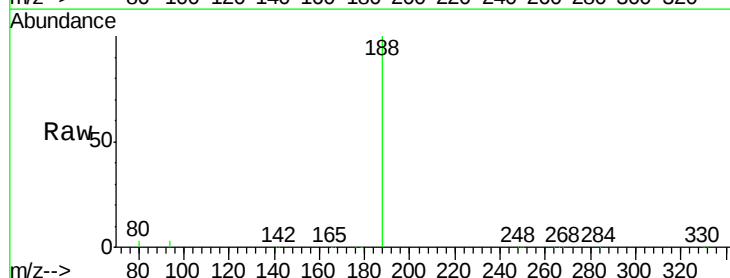
Tgt Ion:188 Resp: 91622

Ion Ratio Lower Upper

188 100

94 3.4 3.0 4.4

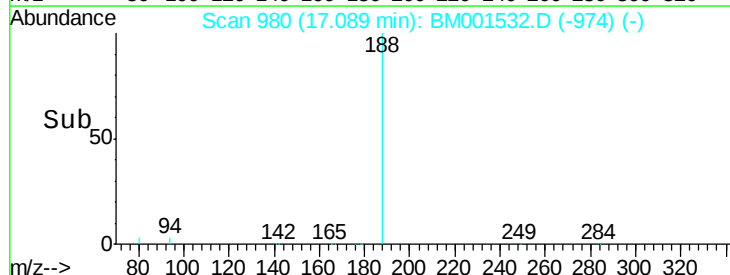
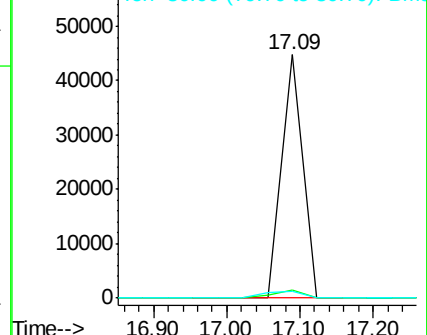
80 3.0 2.5 3.7

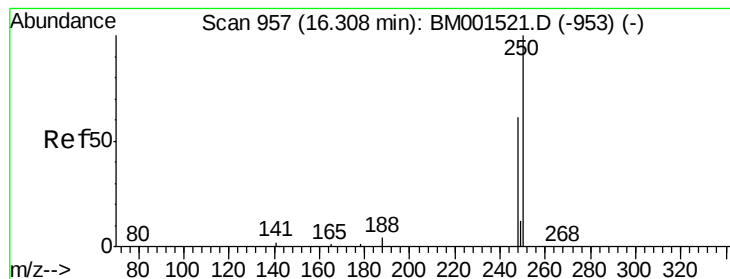


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#19

4-Bromophenyl-phenylether

Concen: 0.95 ng

RT: 16.27 min Scan# 956

Delta R.T. -0.01 min

Lab File: BM001532.D

Acq: 03 Jun 2015 02:36

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

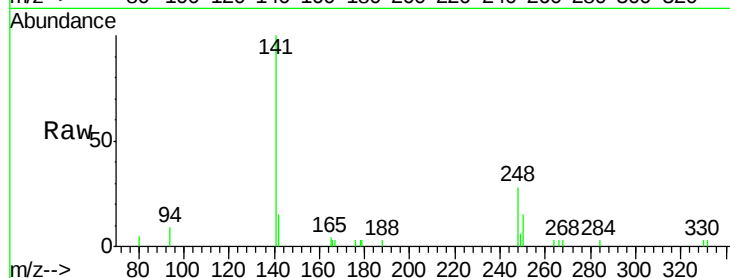
Tgt Ion:248 Resp: 1211

Ion Ratio Lower Upper

248 100

250 0.0 76.8 115.2#

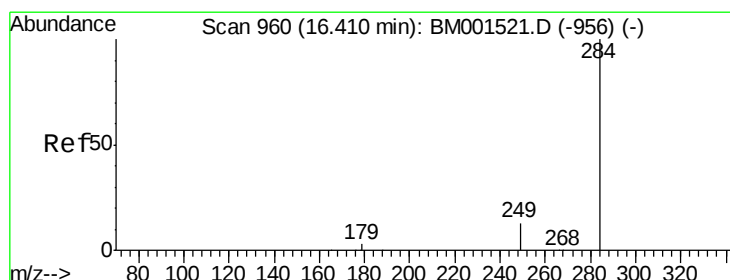
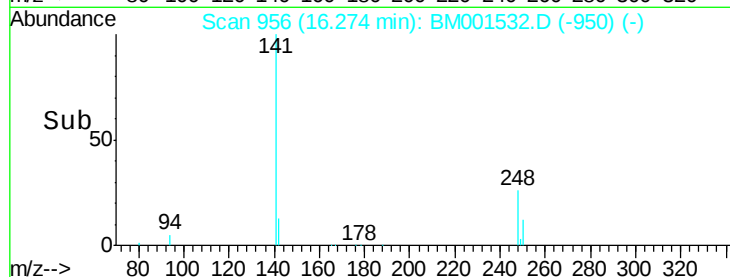
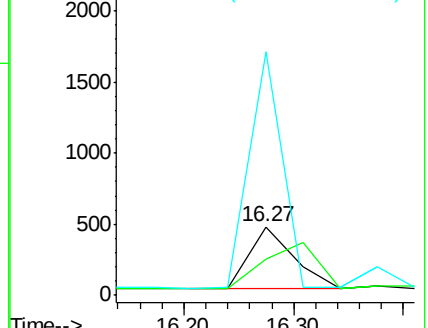
141 281.2 57.7 86.5#



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



#20

Hexachlorobenzene

Concen: 0.72 ng

RT: 16.41 min Scan# 960

Delta R.T. -0.01 min

Lab File: BM001532.D

Acq: 03 Jun 2015 02:36

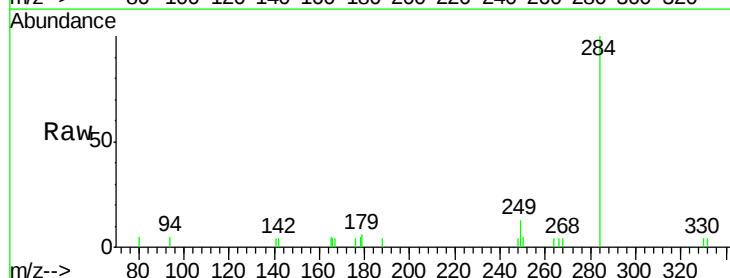
Tgt Ion:284 Resp: 2481

Ion Ratio Lower Upper

284 100

142 0.0 13.9 20.9#

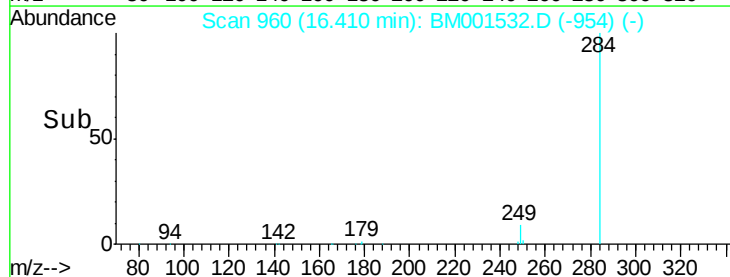
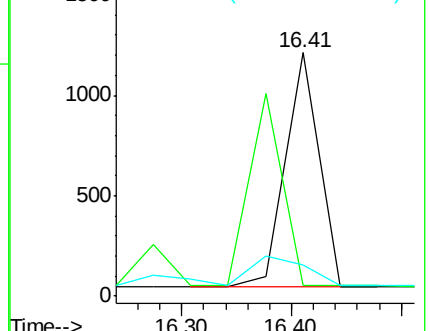
249 0.0 39.0 58.4#

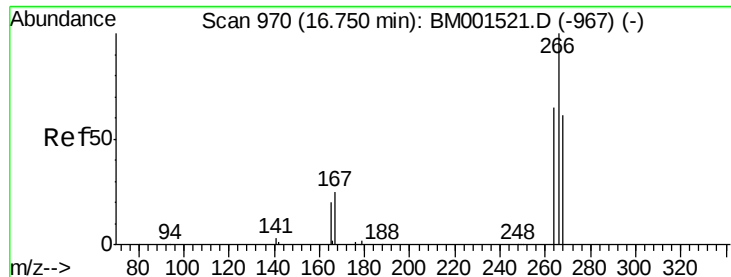


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

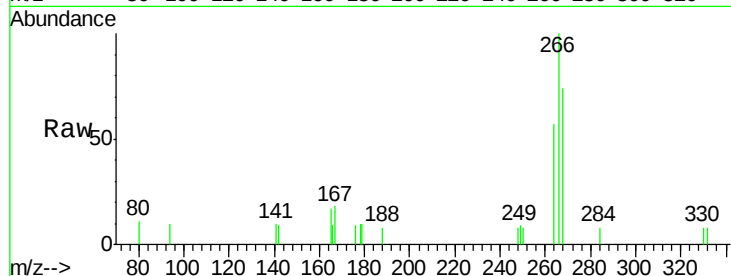




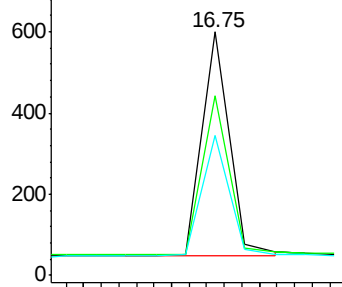
#21
 Pentachlorophenol
 Concen: 0.81 ng
 RT: 16.75 min Scan# 970
 Delta R.T. -0.01 min
 Lab File: BM001532.D
 Acq: 03 Jun 2015 02:36

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

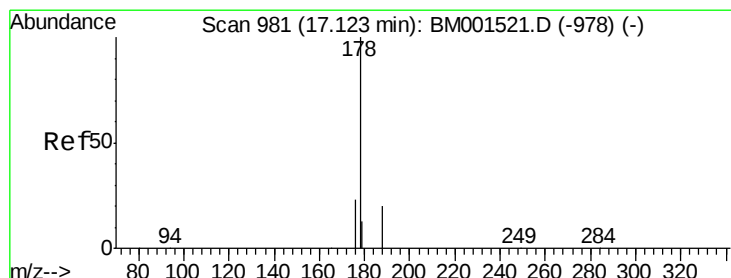
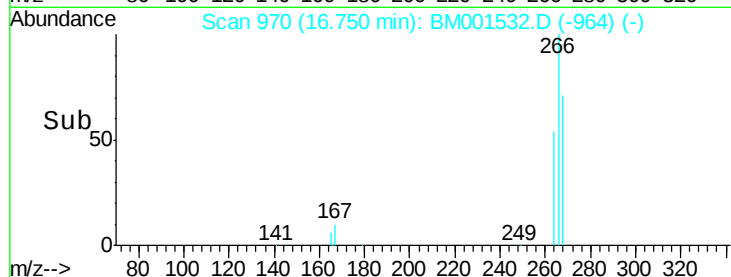
Tgt Ion: 266 Resp: 1209
 Ion Ratio Lower Upper
 266 100
 268 73.8 63.0 94.4
 264 57.3 52.8 79.2



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

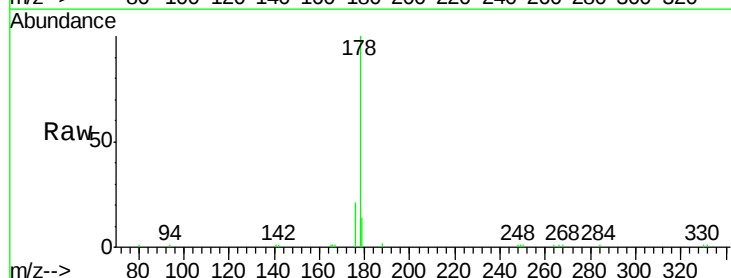


Time--> 16.60 16.70 16.80

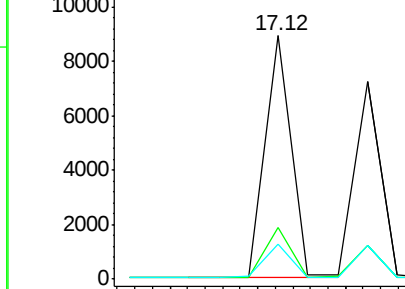


#22
 Phenanthrene
 Concen: 1.16 ng
 RT: 17.12 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: BM001532.D
 Acq: 03 Jun 2015 02:36

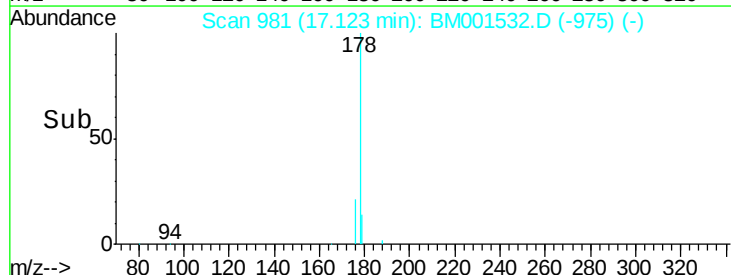
Tgt Ion: 178 Resp: 18544
 Ion Ratio Lower Upper
 178 100
 176 20.6 16.8 25.2
 179 14.0 11.0 16.4

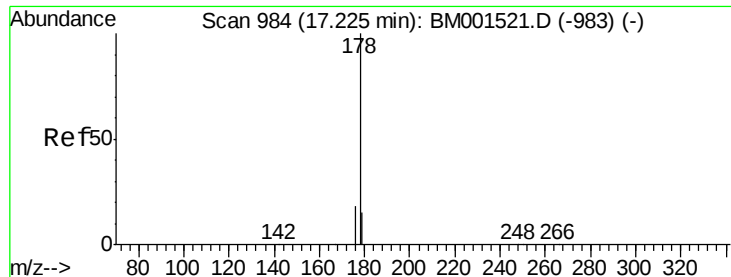


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E



Time--> 17.00 17.10 17.20





#23

Anthracene

Concen: 0.76 ng

RT: 17.23 min Scan# 984

Delta R.T. -0.01 min

Lab File: BM001532.D

Acq: 03 Jun 2015 02:36

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

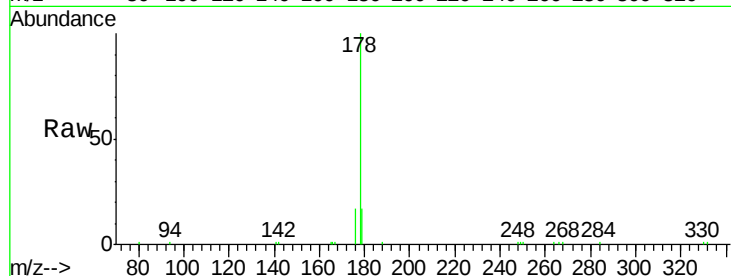
Tgt Ion:178 Resp: 14694

Ion Ratio Lower Upper

178 100

176 16.5 13.1 19.7

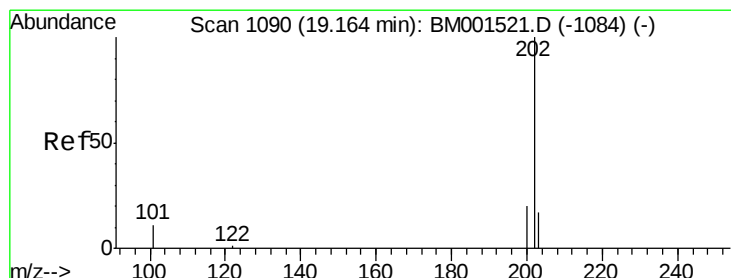
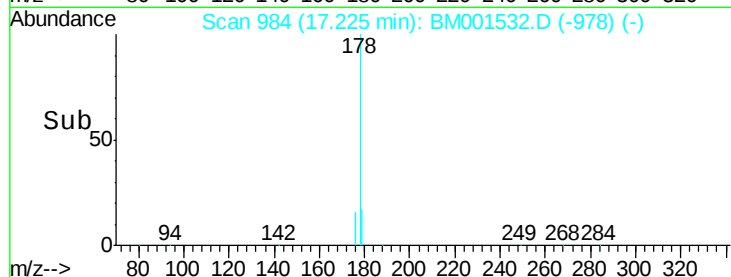
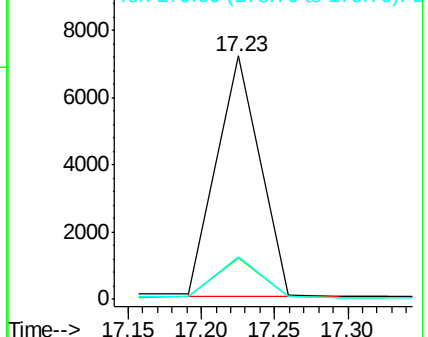
179 16.5 12.8 19.2



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



#24

Fluoranthene

Concen: 0.90 ng

RT: 19.16 min Scan# 1090

Delta R.T. 0.00 min

Lab File: BM001532.D

Acq: 03 Jun 2015 02:36

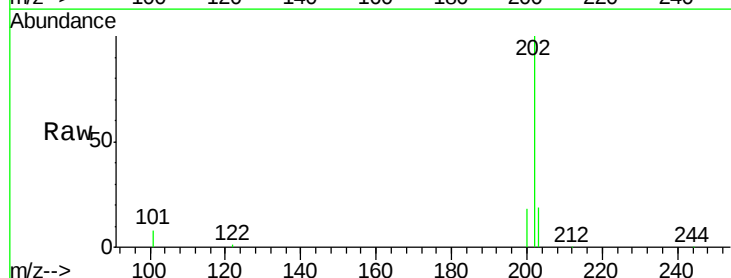
Tgt Ion:202 Resp: 14525

Ion Ratio Lower Upper

202 100

101 12.6 8.6 12.8

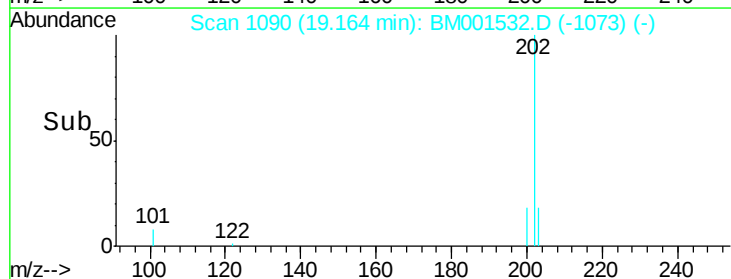
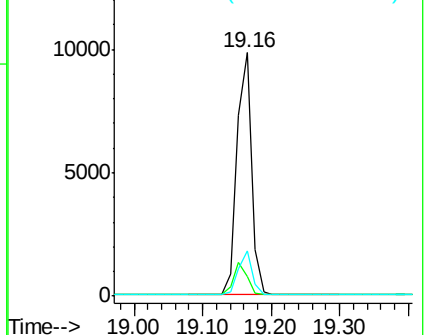
203 17.4 13.8 20.6

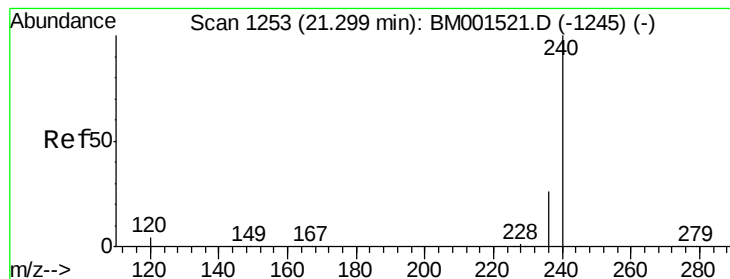


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.28 min Scan# 1252

Delta R.T. -0.01 min

Lab File: BM001532.D

Acq: 03 Jun 2015 02:36

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

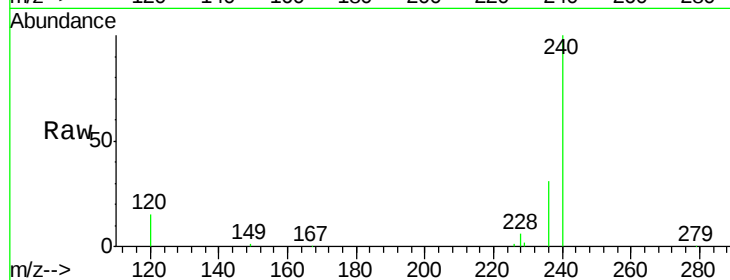
Tgt Ion:240 Resp: 51143

Ion Ratio Lower Upper

240 100

120 14.6 9.7 14.5#

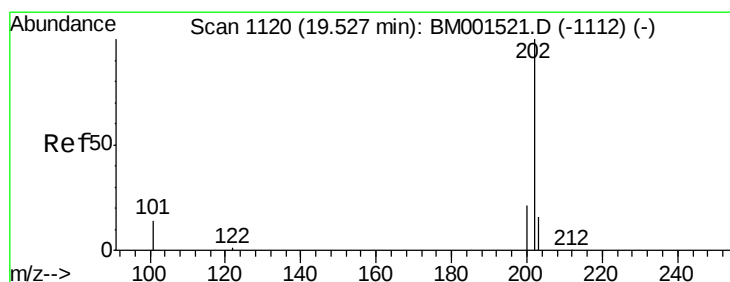
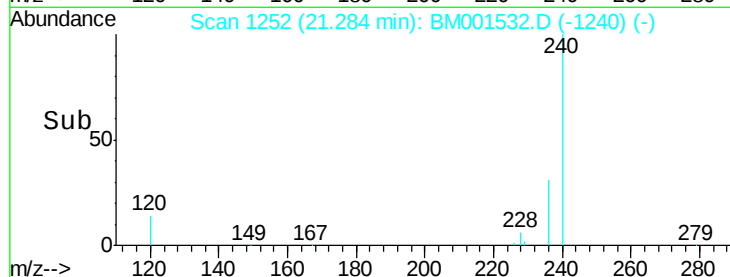
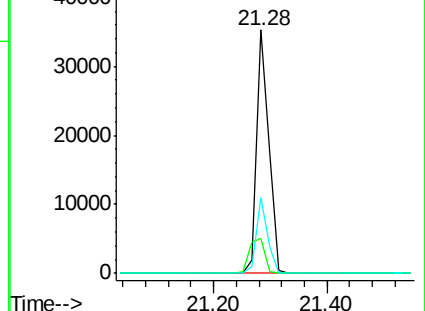
236 31.2 24.8 37.2



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: 0.99 ng

RT: 19.53 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BM001532.D

Acq: 03 Jun 2015 02:36

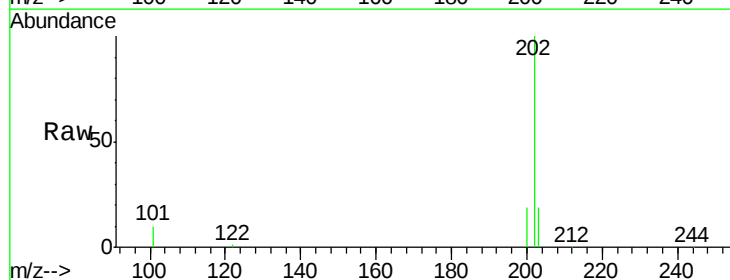
Tgt Ion:202 Resp: 15294

Ion Ratio Lower Upper

202 100

200 20.6 16.4 24.6

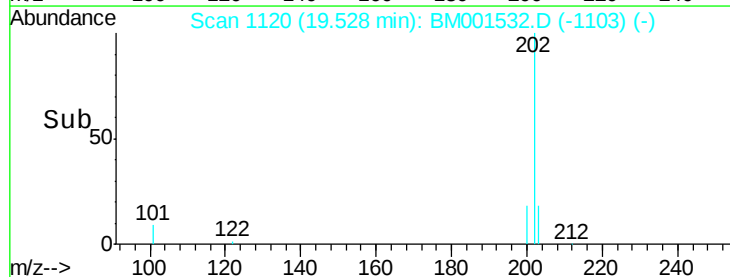
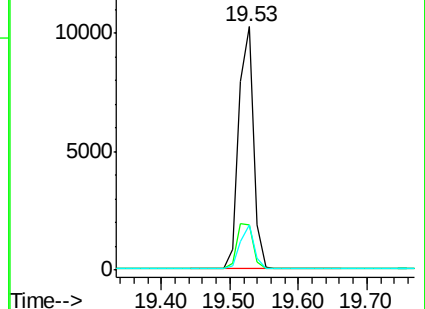
203 17.2 13.9 20.9

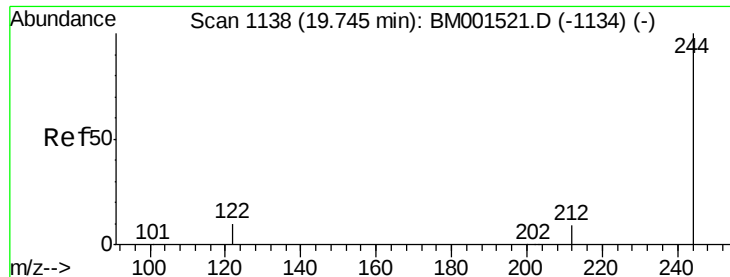


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

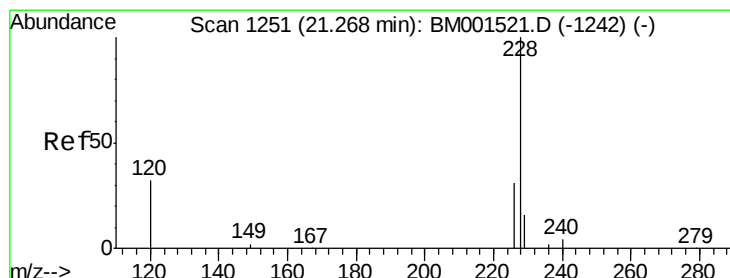
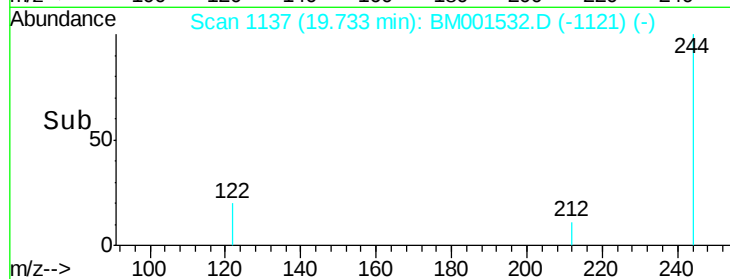
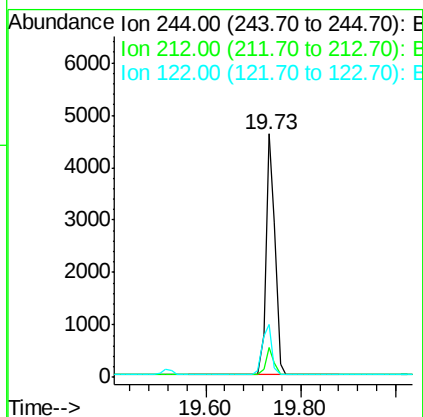
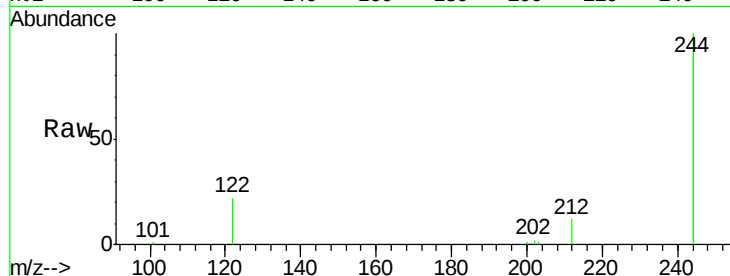




#27
 Terphenyl-d14
 Concen: 0.98 ng
 RT: 19.73 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: BM001532.D
 Acq: 03 Jun 2015 02:36

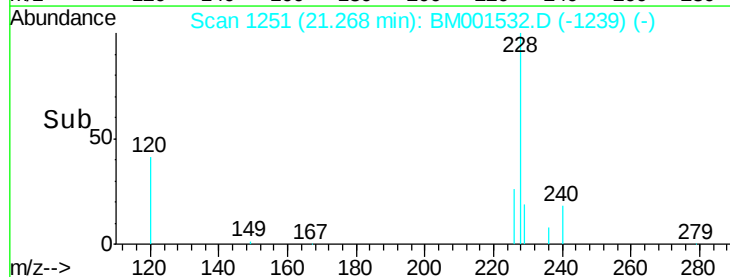
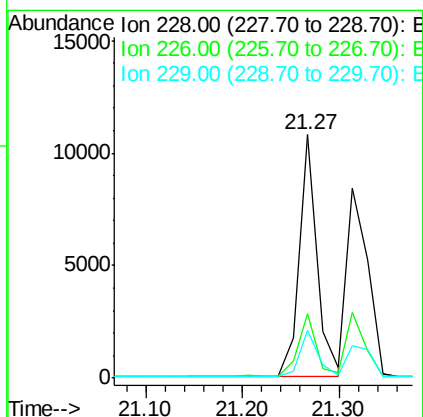
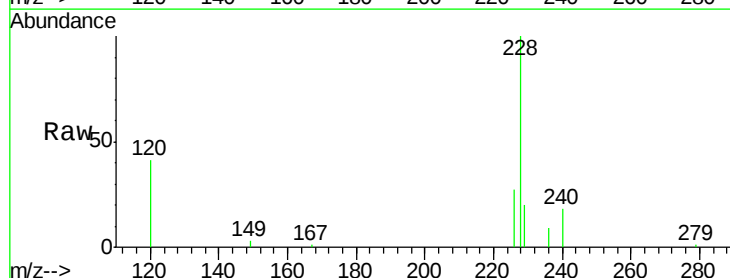
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

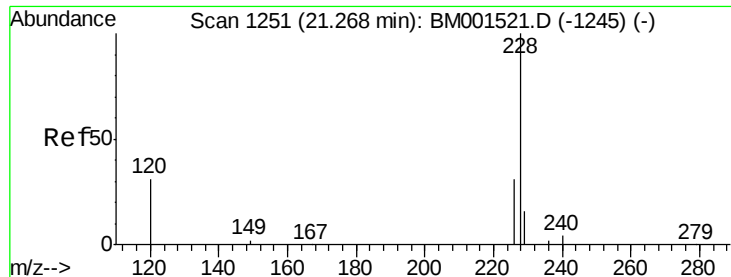
Tgt Ion: 244 Resp: 6196
 Ion Ratio Lower Upper
 244 100
 212 12.1 7.2 10.8#
 122 21.6 5.1 7.7#



#28
 Benzo(a)anthracene
 Concen: 1.01 ng
 RT: 21.27 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: BM001532.D
 Acq: 03 Jun 2015 02:36

Tgt Ion: 228 Resp: 13916
 Ion Ratio Lower Upper
 228 100
 226 26.5 21.9 32.9
 229 19.6 15.1 22.7





#29

Chrysene

Concen: 0.98 ng

RT: 21.31 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BM001532.D

Acq: 03 Jun 2015 02:36

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

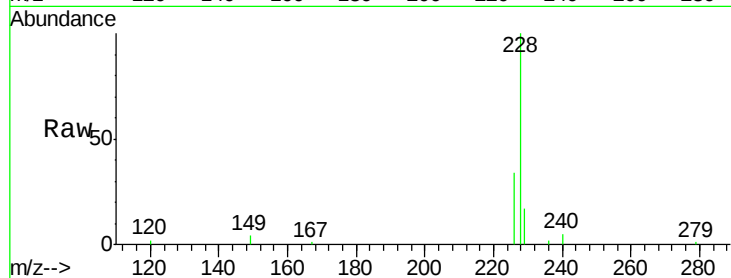
Tgt Ion:228 Resp: 12808

Ion Ratio Lower Upper

228 100

226 34.5 27.6 41.4

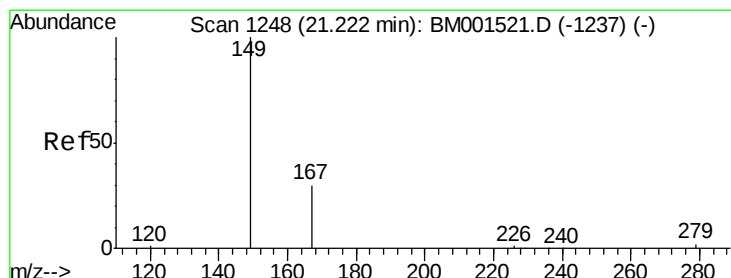
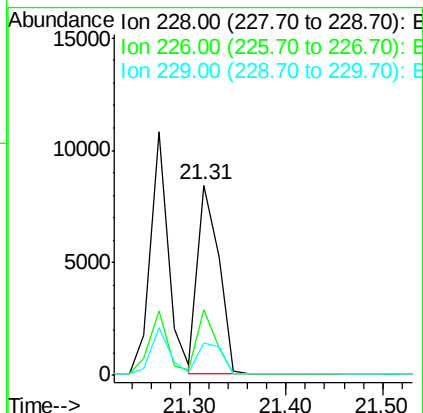
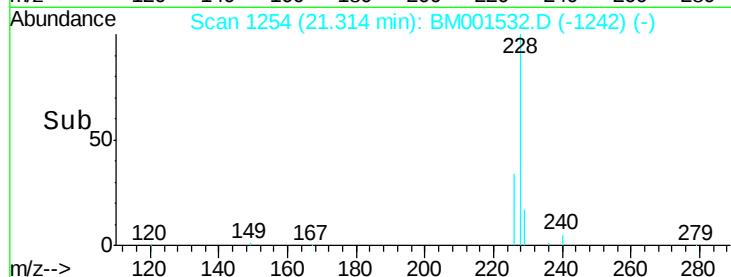
229 17.2 13.6 20.4



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: 0.95 ng

RT: 21.21 min Scan# 1247

Delta R.T. -0.01 min

Lab File: BM001532.D

Acq: 03 Jun 2015 02:36

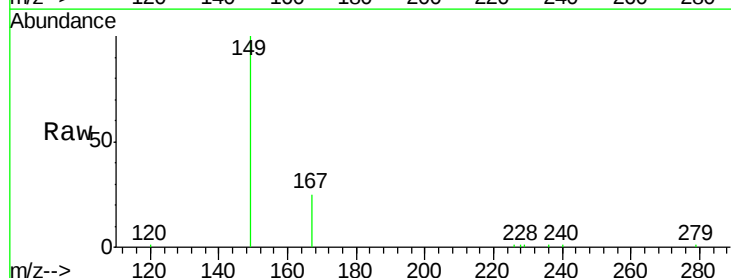
Tgt Ion:149 Resp: 9284

Ion Ratio Lower Upper

149 100

167 25.0 21.0 31.6

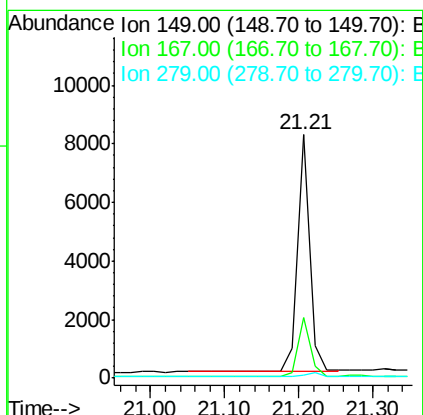
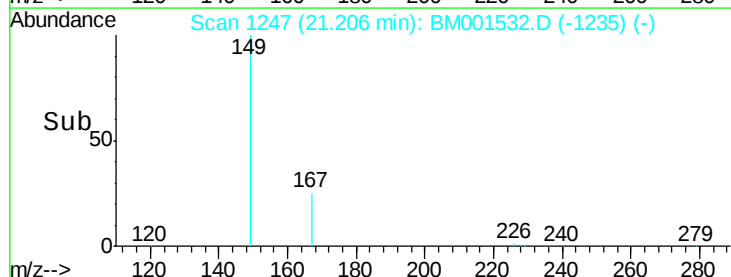
279 2.1 2.2 3.2#

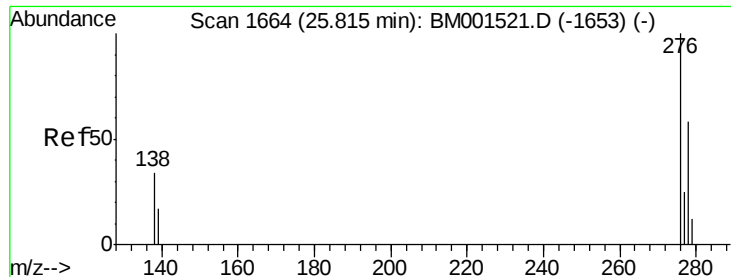


Abundance Ion 149.00 (148.70 to 149.70): E

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: 1.01 ng

RT: 25.79 min Scan# 1662

Delta R.T. -0.02 min

Lab File: BM001532.D

Acq: 03 Jun 2015 02:36

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

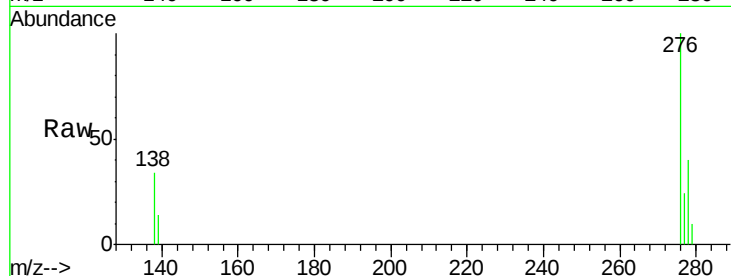
Tgt Ion:276 Resp: 14622

Ion Ratio Lower Upper

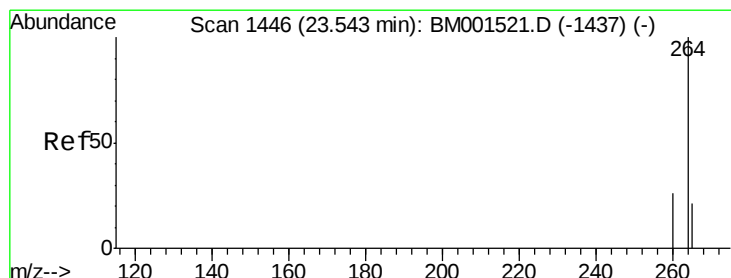
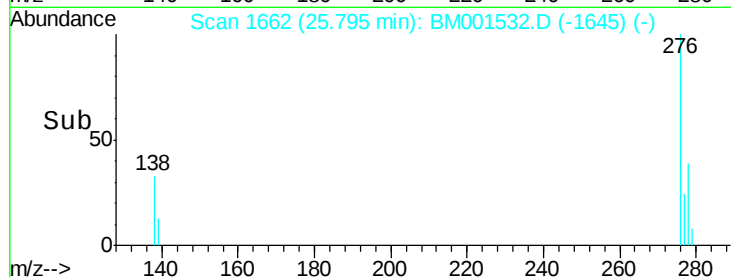
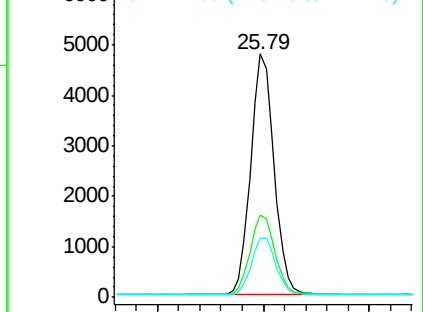
276 100

138 34.8 23.4 35.0

277 24.5 19.5 29.3



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: 23.53 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BM001532.D

Acq: 03 Jun 2015 02:36

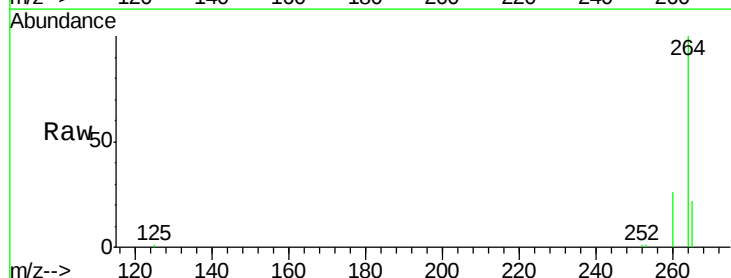
Tgt Ion:264 Resp: 48143

Ion Ratio Lower Upper

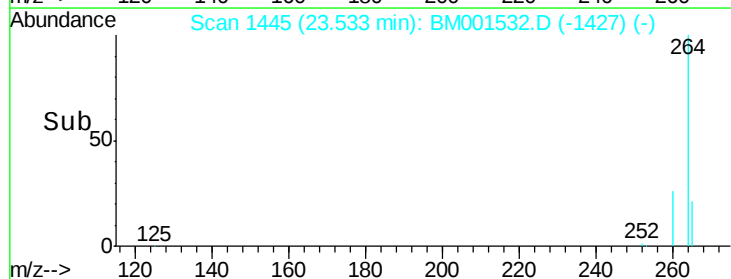
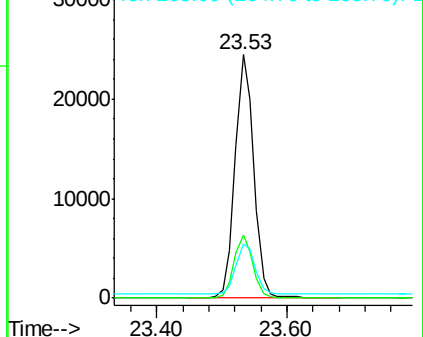
264 100

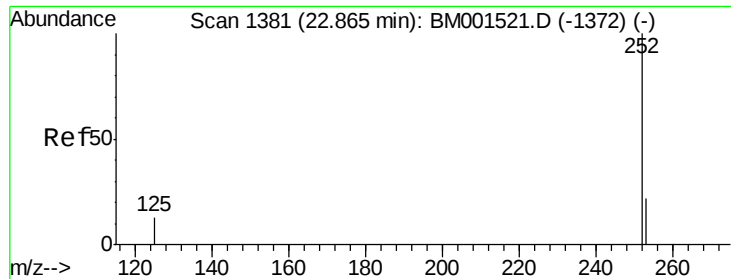
260 26.1 20.1 30.1

265 22.3 17.1 25.7



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: 0.98 ng

RT: 22.85 min Scan# 1380

Delta R.T. -0.01 min

Lab File: BM001532.D

Acq: 03 Jun 2015 02:36

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

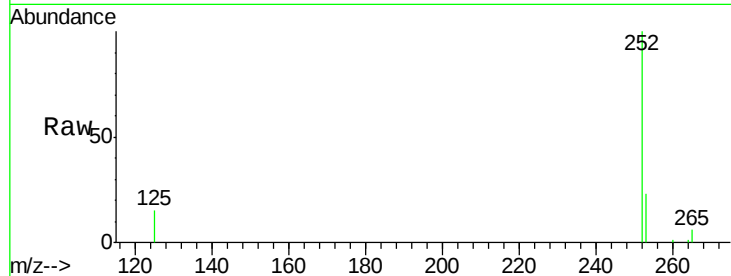
Tgt Ion:252 Resp: 13461

Ion Ratio Lower Upper

252 100

253 23.4 17.4 26.0

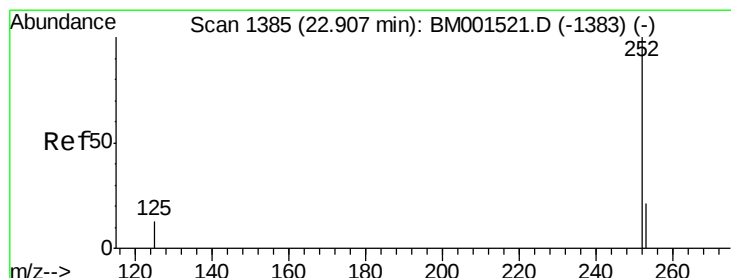
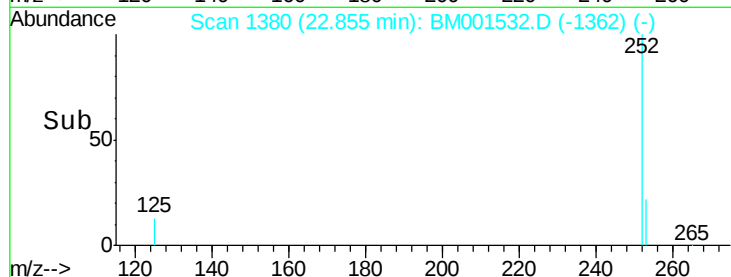
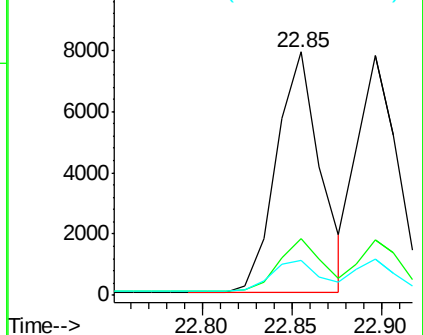
125 14.6 10.2 15.4



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



#34

Benzo(k)fluoranthene

Concen: 1.01 ng

RT: 22.90 min Scan# 1384

Delta R.T. -0.01 min

Lab File: BM001532.D

Acq: 03 Jun 2015 02:36

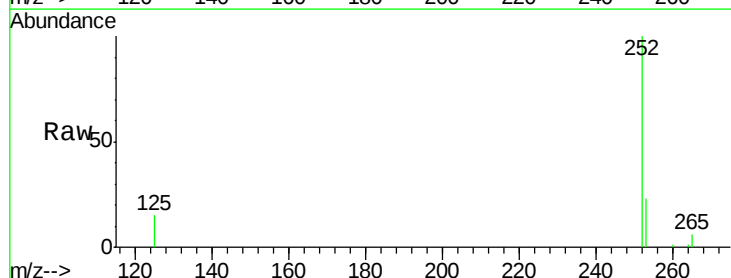
Tgt Ion:252 Resp: 12132

Ion Ratio Lower Upper

252 100

253 22.9 17.6 26.4

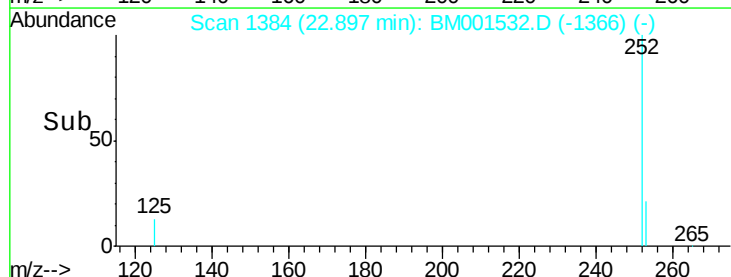
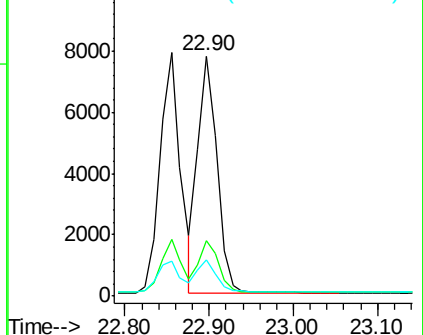
125 15.1 9.7 14.5#

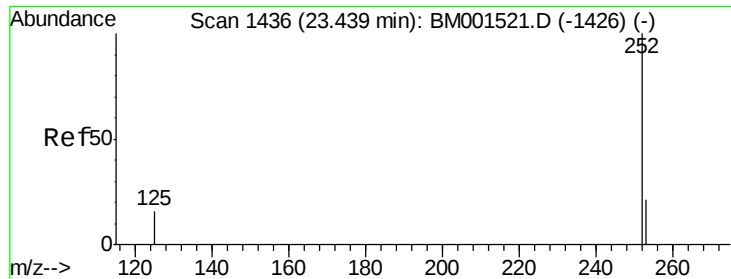


Abundance Ion 252.00 (251.70 to 252.70): E

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: 23.43 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BM001532.D

Acq: 03 Jun 2015 02:36

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

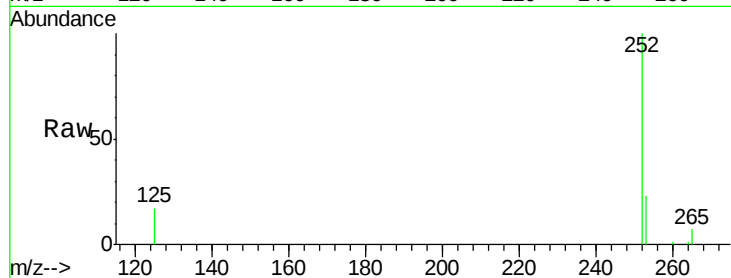
Tgt Ion: 252 Resp: 11669

Ion Ratio Lower Upper

252 100

253 23.0 18.6 28.0

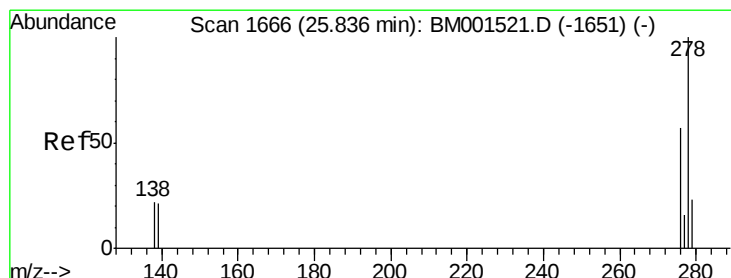
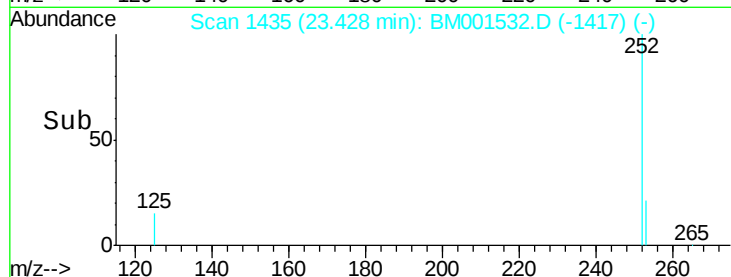
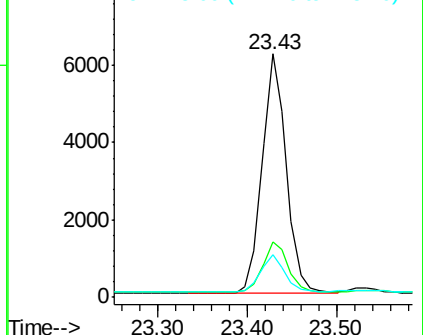
125 17.3 10.7 16.1#



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



#36

Dibenzo(a,h)anthracene

Concen: 0.99 ng

RT: 25.82 min Scan# 1664

Delta R.T. -0.02 min

Lab File: BM001532.D

Acq: 03 Jun 2015 02:36

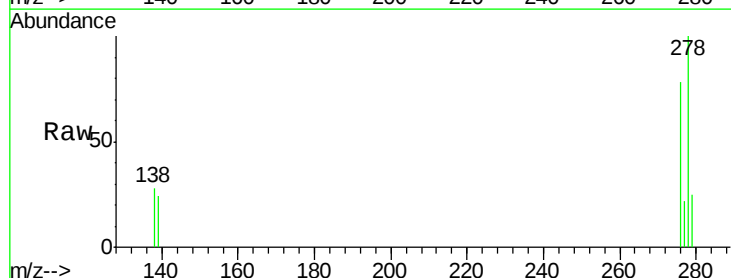
Tgt Ion: 278 Resp: 11538

Ion Ratio Lower Upper

278 100

139 24.0 15.7 23.5#

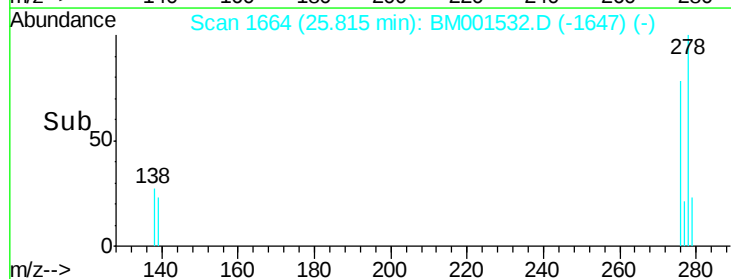
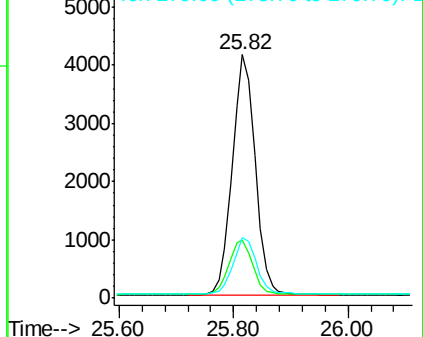
279 24.7 19.4 29.2

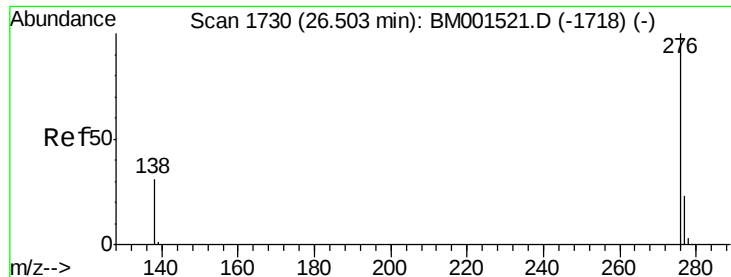


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#37

Benzo(g,h,i)perylene

Concen: 0.99 ng

RT: 26.49 min Scan# 1729

Delta R.T. -0.01 min

Lab File: BM001532.D

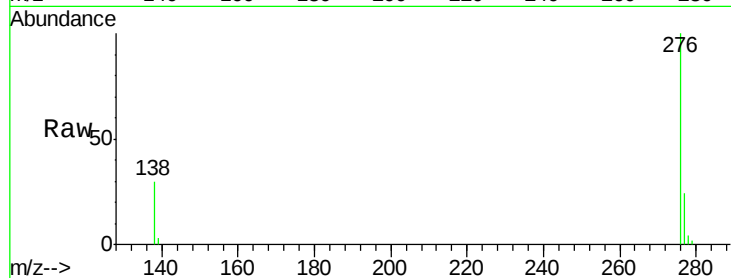
Acq: 03 Jun 2015 02:36

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC



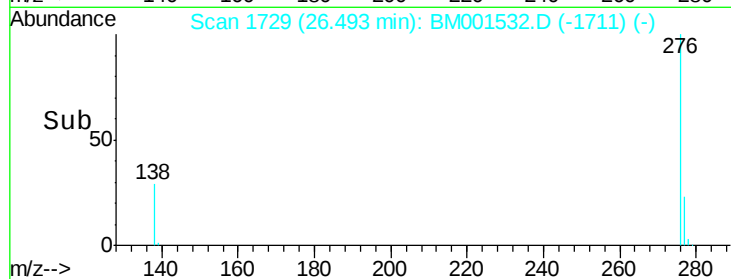
Tgt Ion: 276 Resp: 12097

Ion Ratio Lower Upper

276 100

277 24.5 19.8 29.6

138 29.8 20.2 30.2



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

