

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020216\
 Data File : BM004171.D
 Acq On : 02 Feb 2016 19:34
 Operator : SJ/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

Quant Time: Feb 03 01:15:51 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM012216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 22 14:46:41 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	31915	5.00	ng	0.00
7) Naphthalene-d8	10.44	136	144135	5.00	ng	0.00
13) Acenaphthene-d10	14.31	164	85157	5.00	ng	0.00
19) Phenanthrene-d10	17.06	188	201769	5.00	ng	0.00
26) Chrysene-d12	21.27	240	239302	5.00	ng	0.00
35) Perylene-d12	23.51	264	204587	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	6275	0.94	ng	-0.02
5) Phenol-d6	6.85	99	8114	1.01	ng	0.00
8) Nitrobenzene-d5	8.83	82	6428	1.02	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	2433	0.99	ng	0.00
15) 2-Fluorobiphenyl	12.93	172	22780	0.87	ng	0.00
29) Terphenyl-d14	19.71	244	28159	0.93	ng	0.00

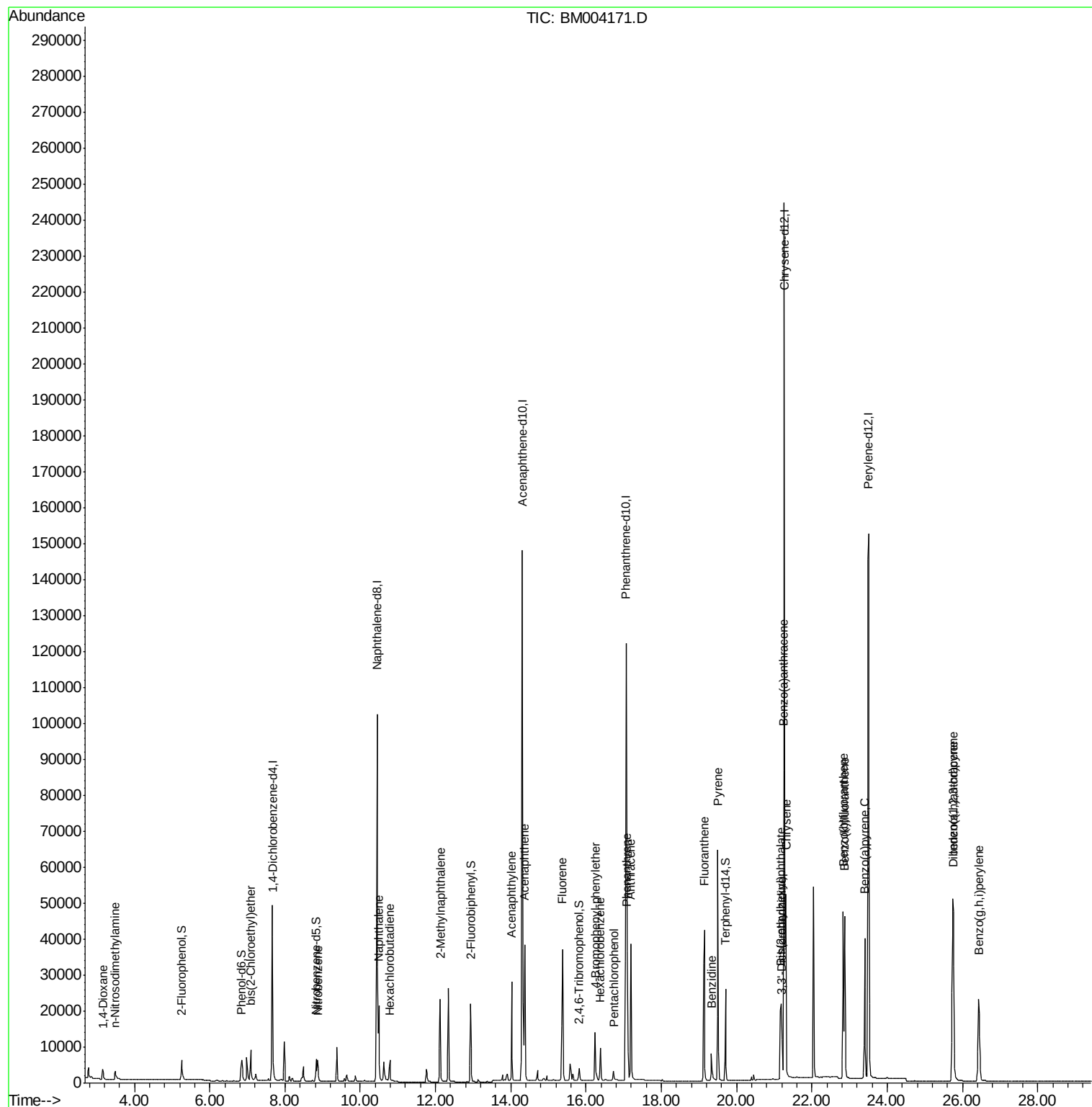
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.17	88	2576	0.82	ng	98
3) n-Nitrosodimethylamine	3.48	42	2612	0.92	ng	96
6) bis(2-Chloroethyl)ether	7.09	93	6952	0.93	ng	99
9) Nitrobenzene	8.87	77	7313	0.99	ng	99
10) Naphthalene	10.49	128	30115	0.90	ng	97
11) Hexachlorobutadiene	10.79	225	4678	0.90	ng	100
12) 2-Methylnaphthalene	12.12	142	19981	0.91	ng	98
16) Acenaphthylene	14.02	152	35411	0.96	ng	100
17) Acenaphthene	14.37	154	22897	0.82	ng	97
18) Fluorene	15.37	166	28184	0.83	ng	99
20) 4-Bromophenyl-phenylether	16.24	248	7793	1.19	ng	# 79
21) Hexachlorobenzene	16.37	284	7853	1.14	ng	# 73
22) Pentachlorophenol	16.73	266	2389	1.34	ng	86
23) Phenanthrene	17.09	178	47262	1.12	ng	98
24) Anthracene	17.19	178	48247	1.05	ng	99
25) Fluoranthene	19.14	202	55430	1.01	ng	100
27) Benzidine	19.33	184	14420	1.31	ng	97
28) Pyrene	19.50	202	62150	0.92	ng	100
30) Benzo(a)anthracene	21.25	228	63260m	0.86	ng	
31) 3,3'-Dichlorobenzidine	21.21	252	16112	1.10	ng	# 82
32) Chrysene	21.31	228	57889m	0.89	ng	
33) Bis(2-ethylhexyl)phthalate	21.16	149	29024	1.23	ng	# 99
34) Indeno(1,2,3-cd)pyrene	25.75	276	55349	0.79	ng	99
36) Benzo(b)fluoranthene	22.83	252	57274	0.90	ng	96
37) Benzo(k)fluoranthene	22.87	252	56591	0.99	ng	97
38) Benzo(a)pyrene	23.40	252	53520	0.96	ng	98
39) Dibenzo(a,h)anthracene	25.76	278	44152	0.88	ng	99
40) Benzo(g,h,i)perylene	26.44	276	45771	0.84	ng	99

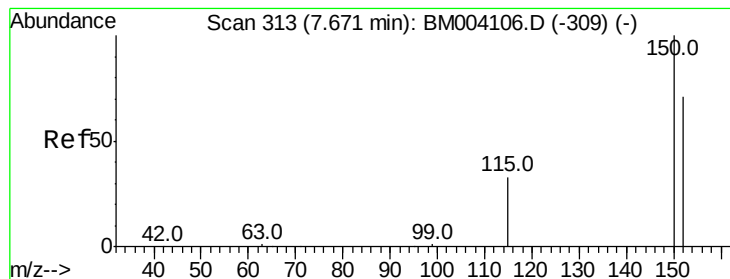
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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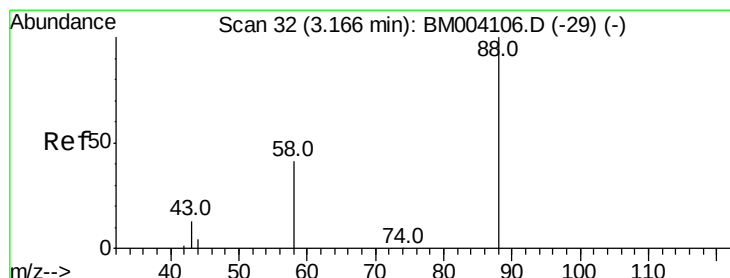
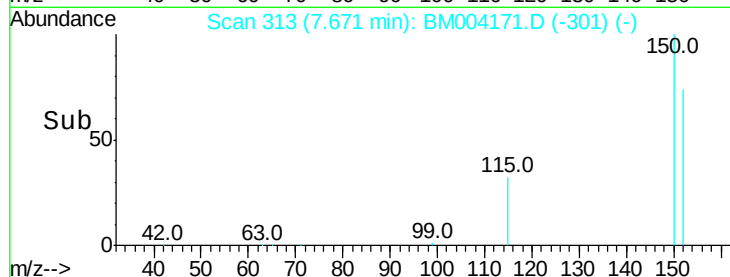
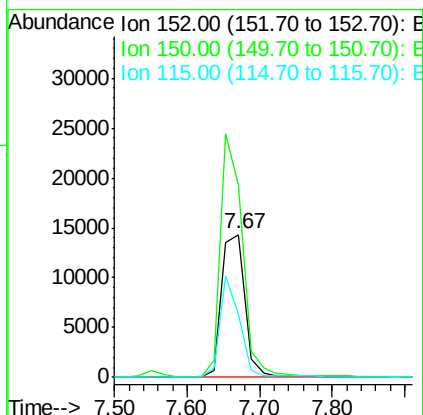
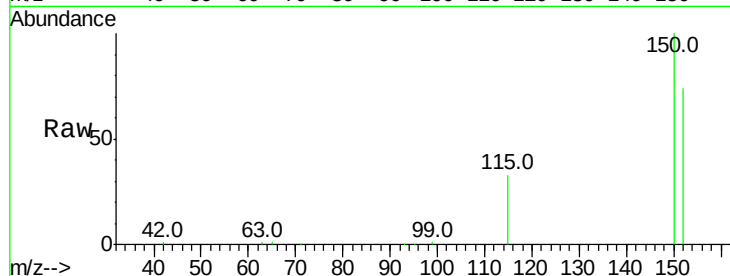


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.67 min Scan# 313
Delta R.T. -0.00 min
Lab File: BM004171.D
Acq: 02 Feb 2016 19:34

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

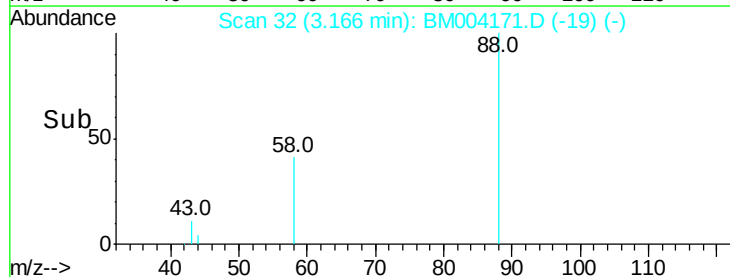
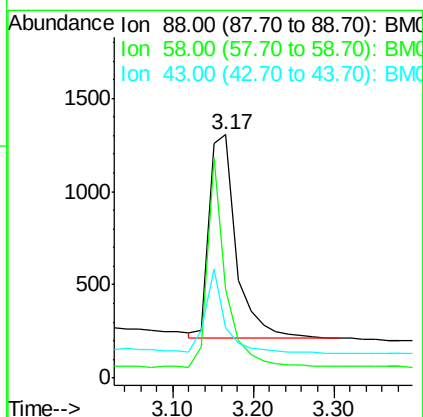
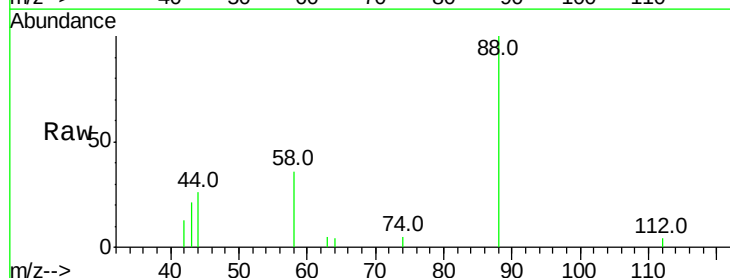
Tot Ion:152 Resp: 31915
Ion Ratio Lower Upper
152 100
150 134.9 122.9 184.3
115 44.0 44.4 66.6#

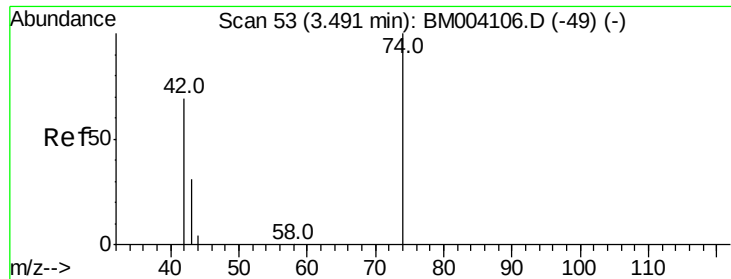


#2

1,4-Dioxane
Concen: 0.82 ng
RT: 3.17 min Scan# 32
Delta R.T. 0.00 min
Lab File: BM004171.D
Acq: 02 Feb 2016 19:34

Tgt Ion: 88 Resp: 2576
Ion Ratio Lower Upper
88 100
58 68.6 53.8 80.6
43 30.4 23.8 35.6





#3

n-Nitrosodimethylamine

Concen: 0.92 ng

RT: 3.48 min Scan# 52

Delta R.T. -0.02 min

Lab File: BM004171.D

Acq: 02 Feb 2016 19:34

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

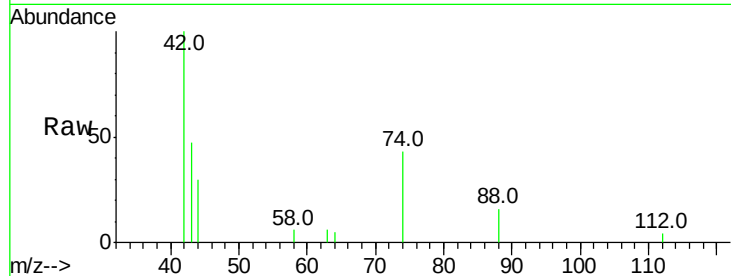
Tot Ion: 42 Resp: 2612

Ion Ratio Lower Upper

42 100

74 123.7 95.0 142.4

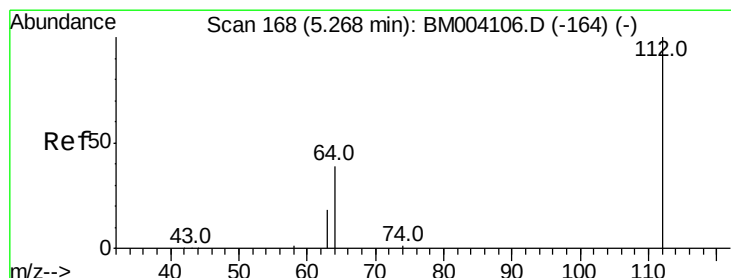
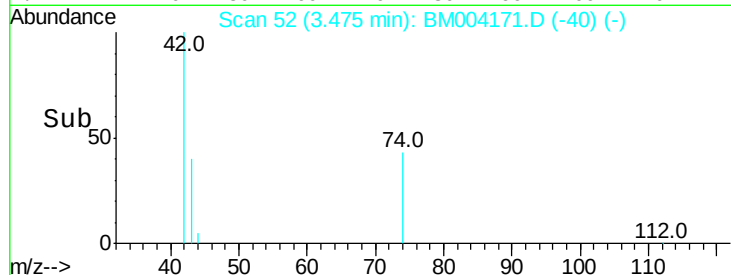
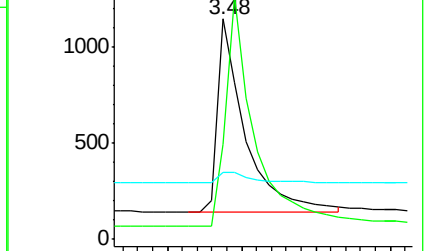
44 6.7 5.1 7.7



Abundance Ion 42.00 (41.70 to 42.70): BM004106.D (-49) (-)

Ion 74.00 (73.70 to 74.70): BM004106.D (-49) (-)

Ion 44.00 (43.70 to 44.70): BM004106.D (-49) (-)



#4

2-Fluorophenol

Concen: 0.94 ng

RT: 5.25 min Scan# 167

Delta R.T. -0.02 min

Lab File: BM004171.D

Acq: 02 Feb 2016 19:34

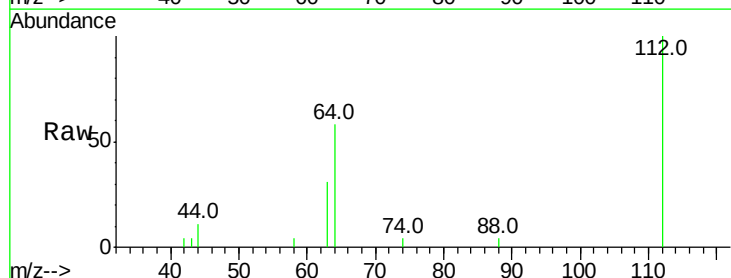
Tgt Ion: 112 Resp: 6275

Ion Ratio Lower Upper

112 100

64 51.7 41.8 62.8

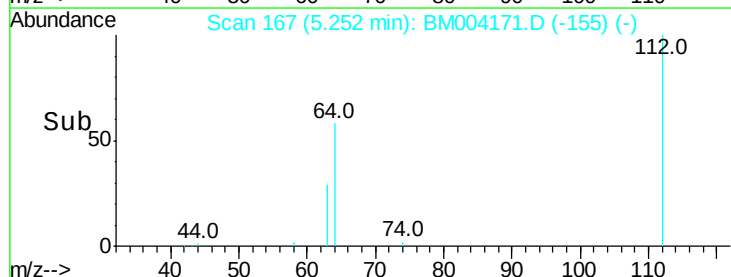
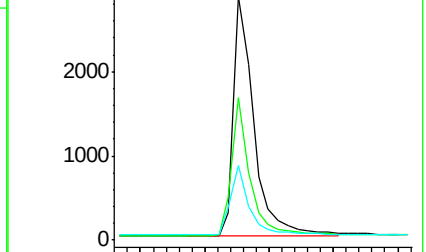
63 27.2 22.1 33.1

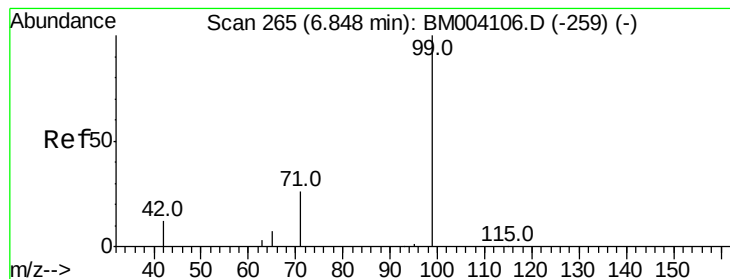


Abundance Ion 112.00 (111.70 to 112.70): BM004106.D (-164) (-)

Ion 64.00 (63.70 to 64.70): BM004106.D (-164) (-)

Ion 63.00 (62.70 to 63.70): BM004106.D (-164) (-)





#5

Phenol-d6

Concen: 1.01 ng

RT: 6.85 min Scan# 265

Delta R.T. -0.00 min

Lab File: BM004171.D

Acq: 02 Feb 2016 19:34

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

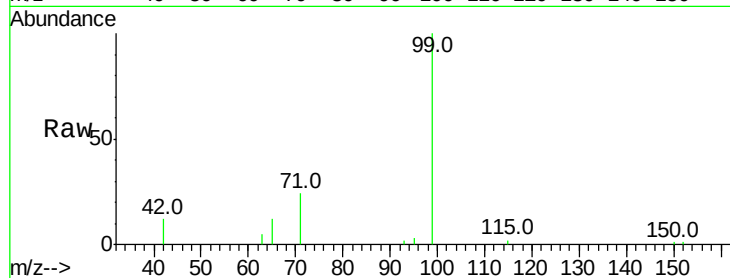
Tot Ion: 99 Resp: 8114

Ion Ratio Lower Upper

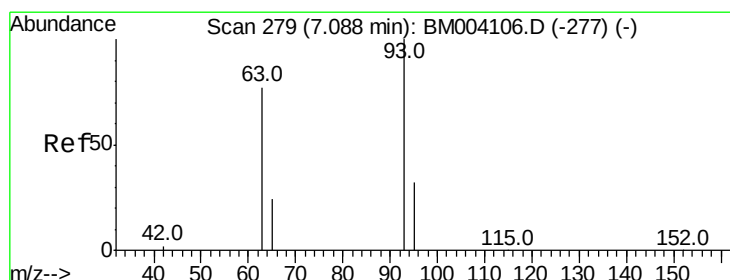
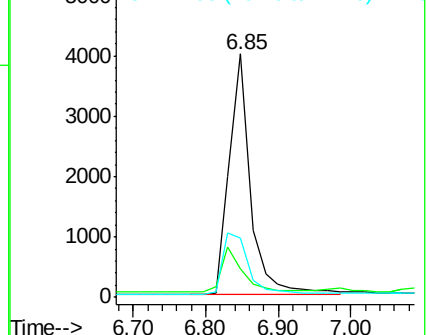
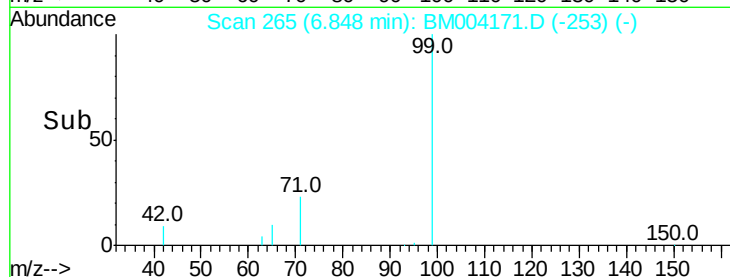
99 100

42 18.6 16.2 24.2

71 30.9 24.4 36.6



Abundance Ion 99.00 (98.70 to 99.70): BM004171.D (-253) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.93 ng

RT: 7.09 min Scan# 279

Delta R.T. -0.00 min

Lab File: BM004171.D

Acq: 02 Feb 2016 19:34

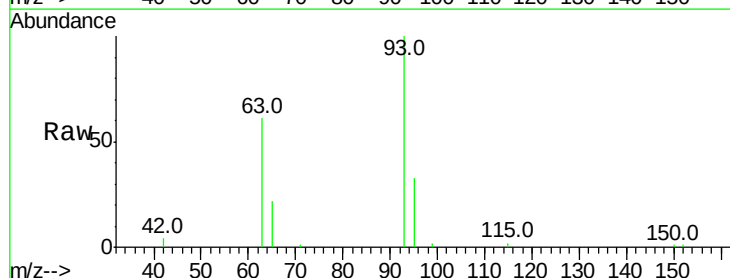
Tgt Ion: 93 Resp: 6952

Ion Ratio Lower Upper

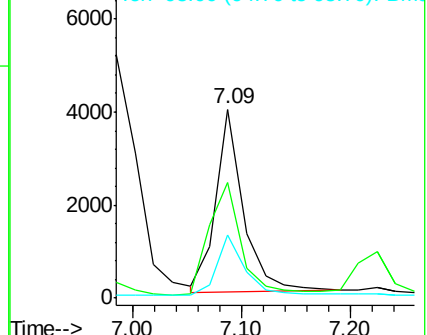
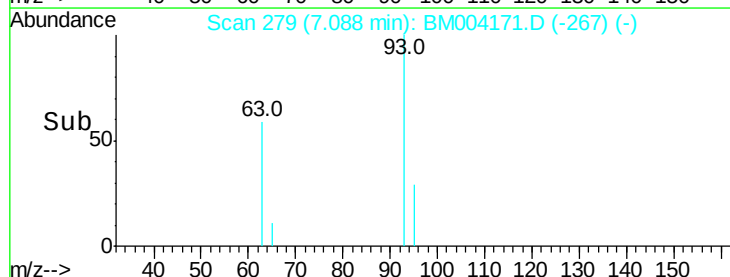
93 100

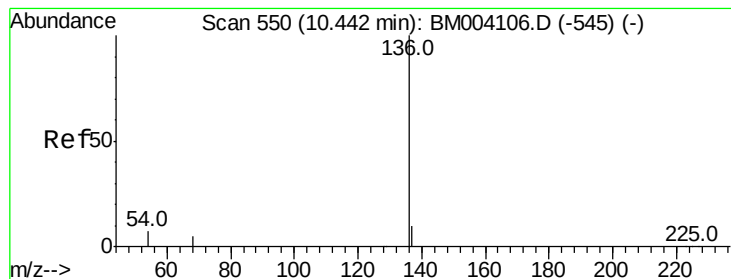
63 72.1 58.3 87.5

95 32.8 25.8 38.8



Abundance Ion 93.00 (92.70 to 93.70): BM004171.D (-267) (-)





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.44 min Scan# 550

Delta R.T. -0.00 min

Lab File: BM004171.D

Acq: 02 Feb 2016 19:34

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

Tot Ion:136 Resp: 144135

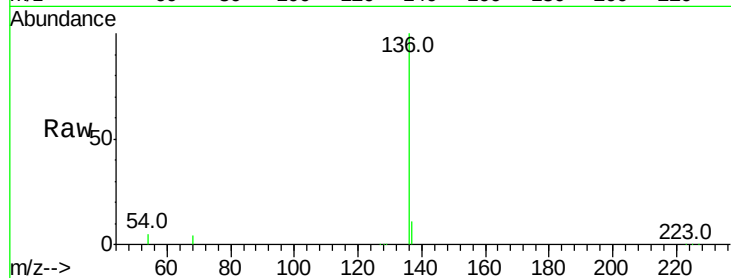
Ion Ratio Lower Upper

136 100

137 10.8 9.2 13.8

54 5.4 2.8 4.2#

68 4.3 2.5 3.7#

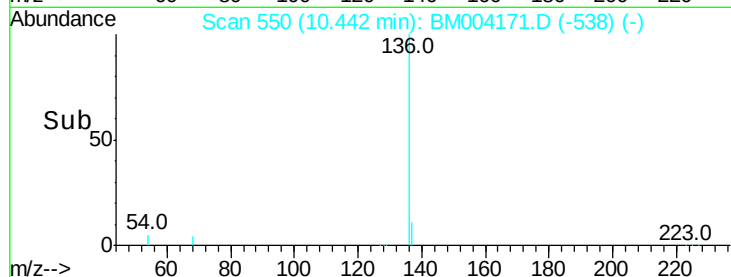


Abundance Ion 136.00 (135.70 to 136.70): E

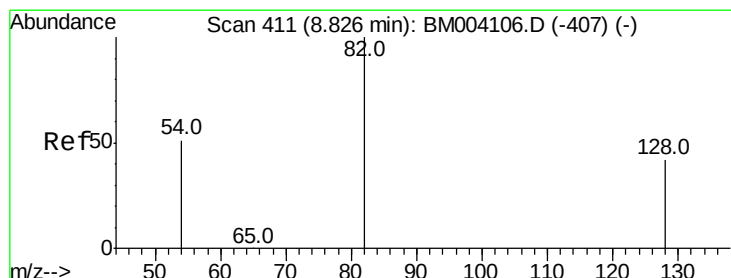
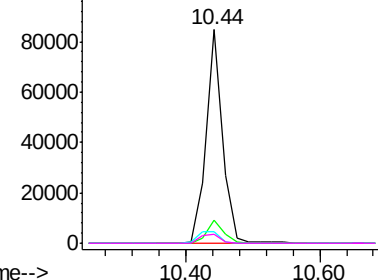
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



Time-->



#8

Nitrobenzene-d5

Concen: 1.02 ng

RT: 8.83 min Scan# 411

Delta R.T. -0.00 min

Lab File: BM004171.D

Acq: 02 Feb 2016 19:34

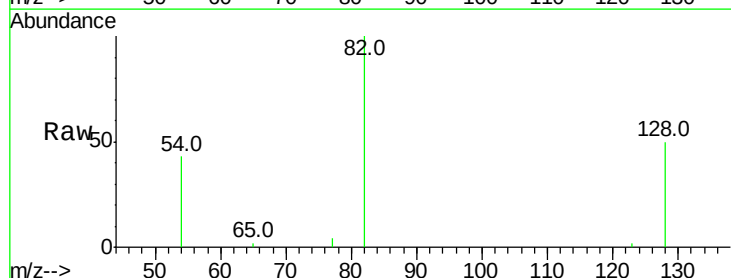
Tgt Ion: 82 Resp: 6428

Ion Ratio Lower Upper

82 100

128 50.0 39.1 58.7

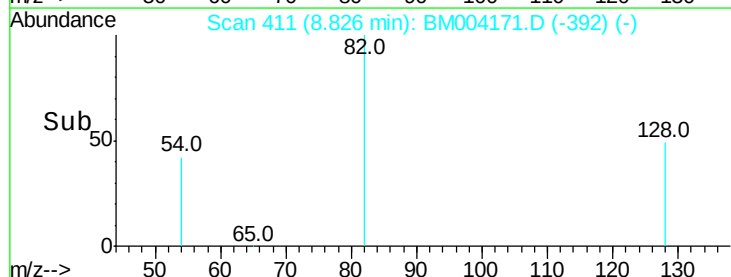
54 42.9 34.8 52.2



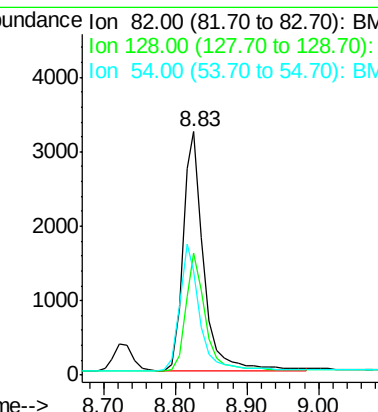
Abundance Ion 82.00 (81.70 to 82.70): BM

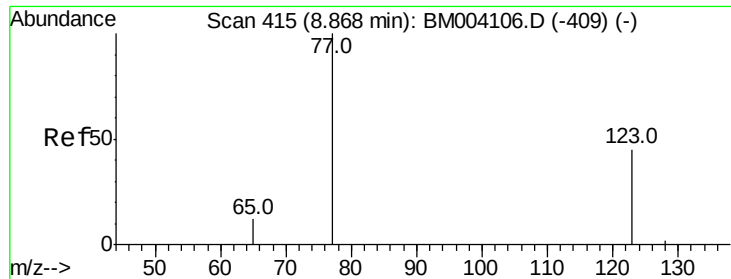
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM



Time-->





#9

Nitrobenzene

Concen: 0.99 ng

RT: 8.87 min Scan# 415

Delta R.T. 0.00 min

Lab File: BM004171.D

Acq: 02 Feb 2016 19:34

Instrument :

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ClientSampleId :

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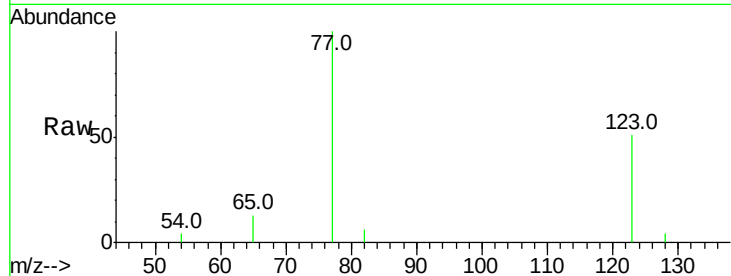
Tot Ion: 77 Resp: 7313

Ion Ratio Lower Upper

77 100

123 49.1 38.6 57.8

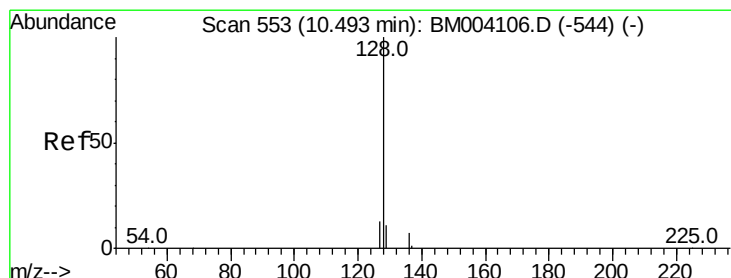
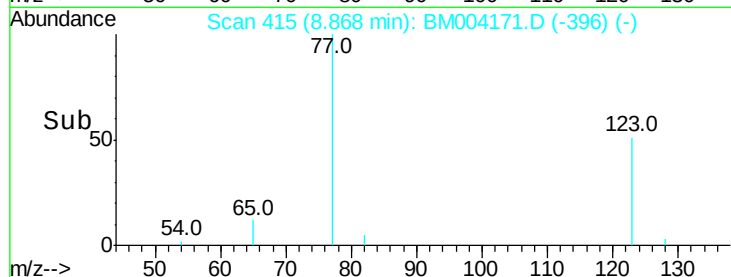
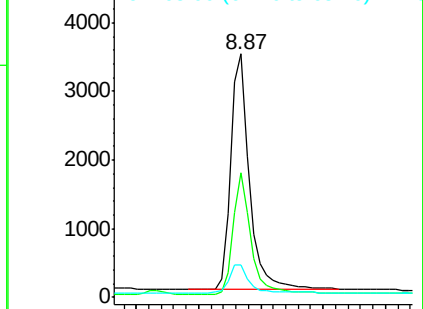
65 12.5 9.9 14.9



Abundance Ion 77.00 (76.70 to 77.70): BM004171.D (-396) (-)

Ion 123.00 (122.70 to 123.70): BM004171.D (-396) (-)

Ion 65.00 (64.70 to 65.70): BM004171.D (-396) (-)



#10

Naphthalene

Concen: 0.90 ng

RT: 10.49 min Scan# 553

Delta R.T. -0.00 min

Lab File: BM004171.D

Acq: 02 Feb 2016 19:34

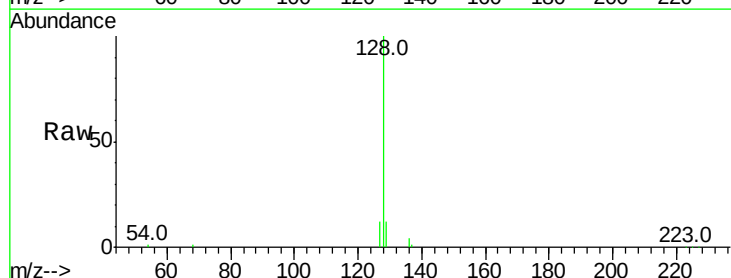
Tgt Ion: 128 Resp: 30115

Ion Ratio Lower Upper

128 100

129 11.6 8.5 12.7

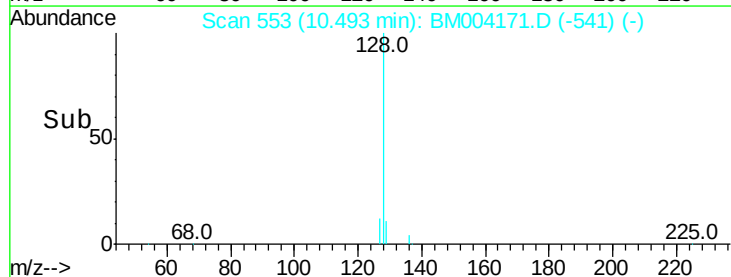
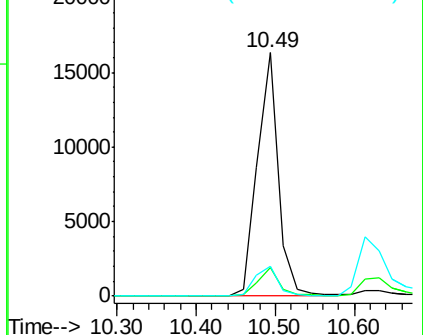
127 12.3 11.0 16.4

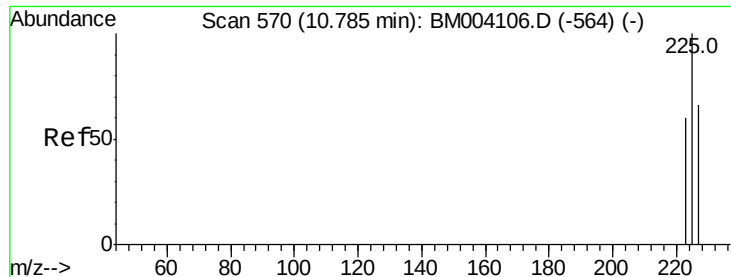


Abundance Ion 128.00 (127.70 to 128.70): BM004171.D (-541) (-)

Ion 129.00 (128.70 to 129.70): BM004171.D (-541) (-)

Ion 127.00 (126.70 to 127.70): BM004171.D (-541) (-)

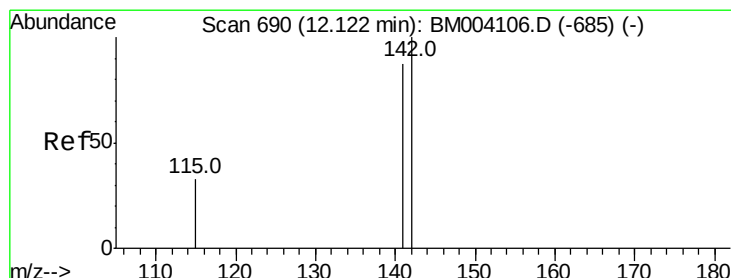
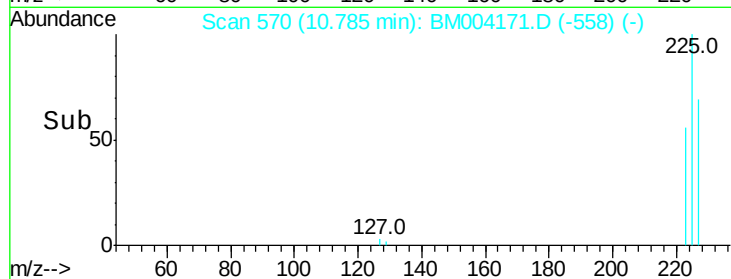
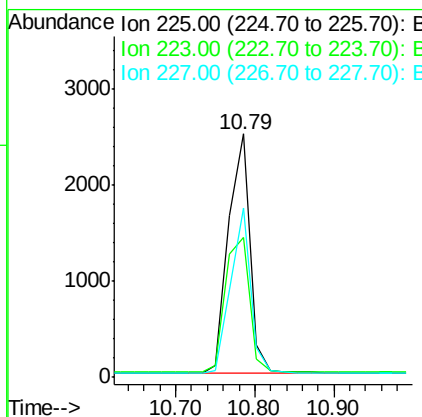
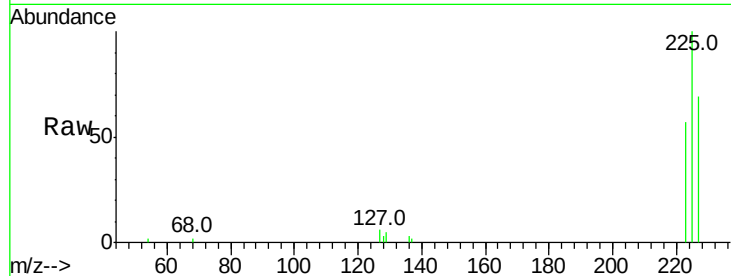




#11
Hexachlorobutadiene
Concen: 0.90 ng
RT: 10.79 min Scan# 570
Delta R.T. -0.00 min
Lab File: BM004171.D
Acq: 02 Feb 2016 19:34

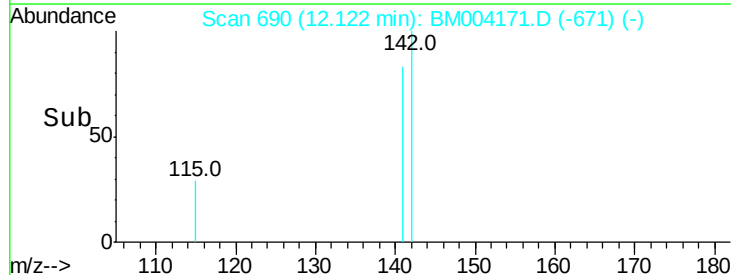
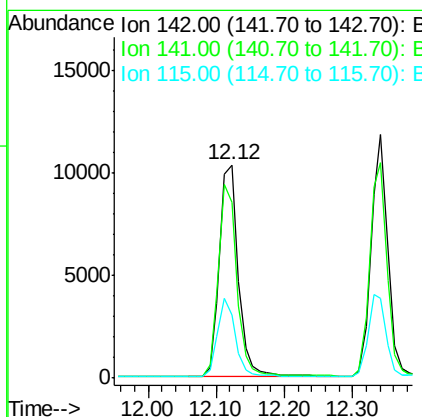
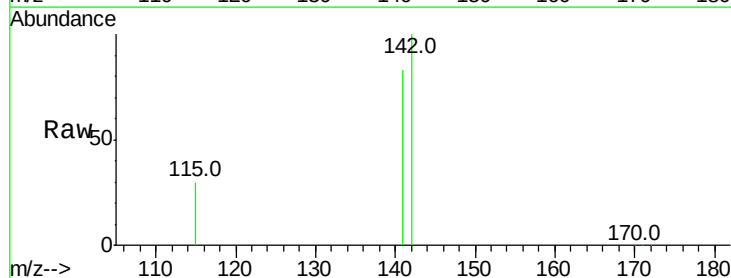
Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

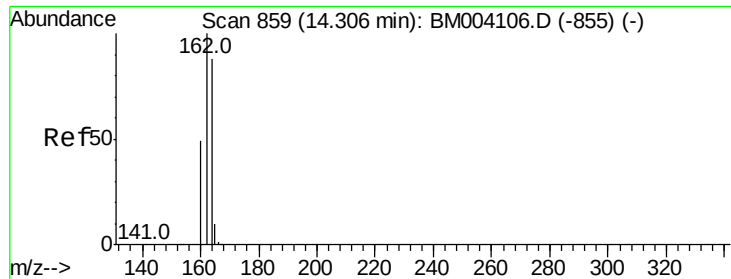
Tot Ion:225 Resp: 4678
Ion Ratio Lower Upper
225 100
223 63.0 50.9 76.3
227 63.8 51.2 76.8



#12
2-Methylnaphthalene
Concen: 0.91 ng
RT: 12.12 min Scan# 690
Delta R.T. -0.00 min
Lab File: BM004171.D
Acq: 02 Feb 2016 19:34

Tgt Ion:142 Resp: 19981
Ion Ratio Lower Upper
142 100
141 82.8 67.8 101.8
115 29.8 25.3 37.9





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.31 min Scan# 859

Delta R.T. -0.00 min

Lab File: BM004171.D

Acq: 02 Feb 2016 19:34

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

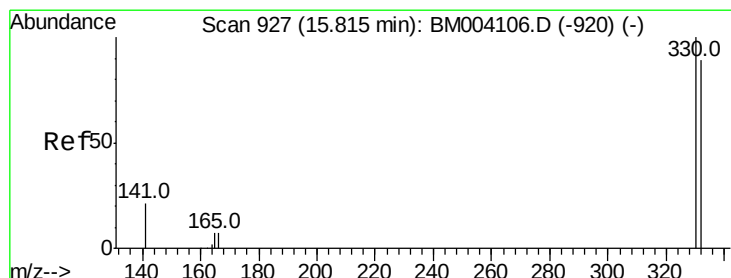
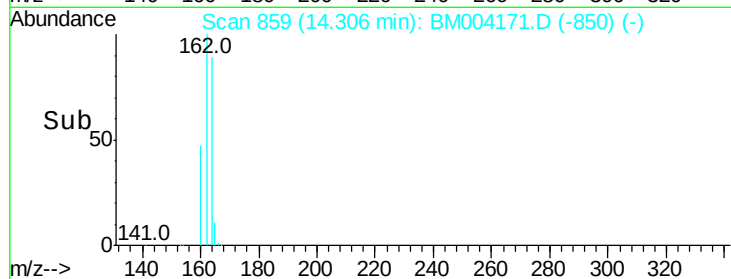
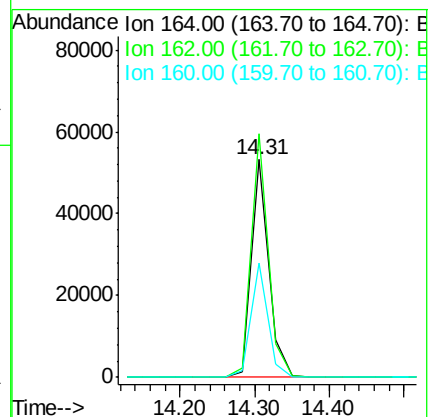
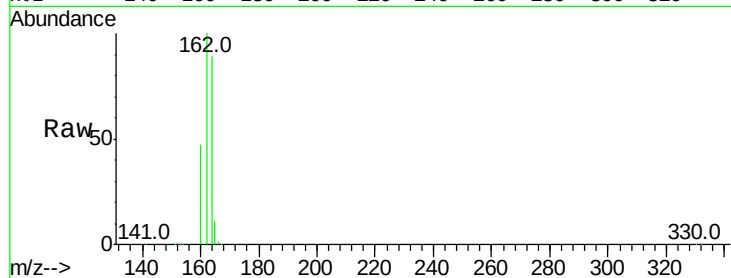
Tot Ion:164 Resp: 85157

Ion Ratio Lower Upper

164 100

162 111.8 86.0 129.0

160 52.4 40.3 60.5



#14

2,4,6-Tribromophenol

Concen: 0.99 ng

RT: 15.82 min Scan# 927

Delta R.T. 0.00 min

Lab File: BM004171.D

Acq: 02 Feb 2016 19:34

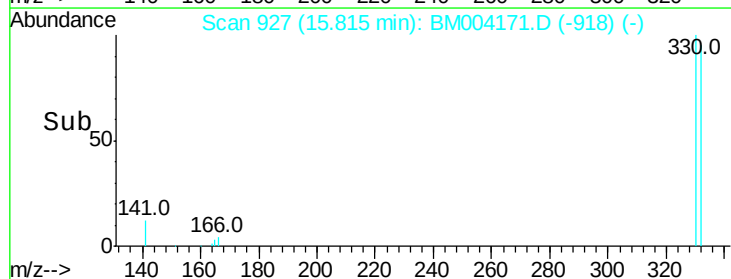
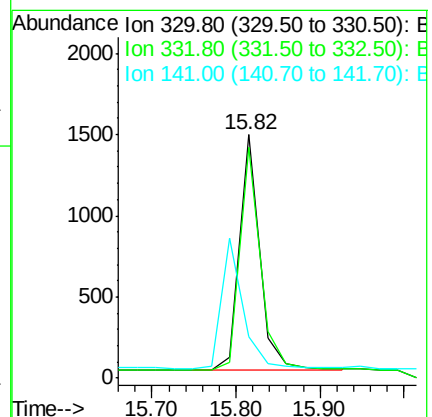
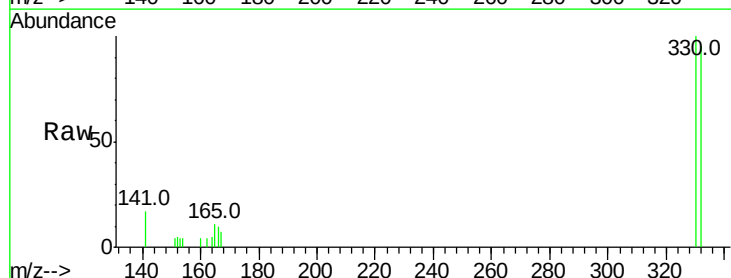
Tgt Ion:330 Resp: 2433

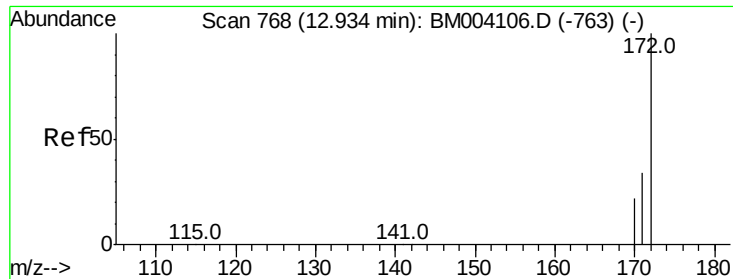
Ion Ratio Lower Upper

330 100

332 95.7 79.0 118.4

141 0.0 27.8 41.6#

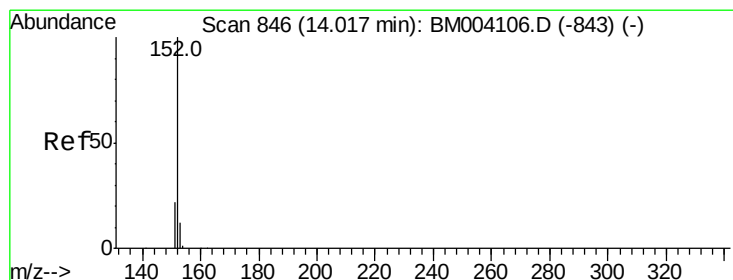
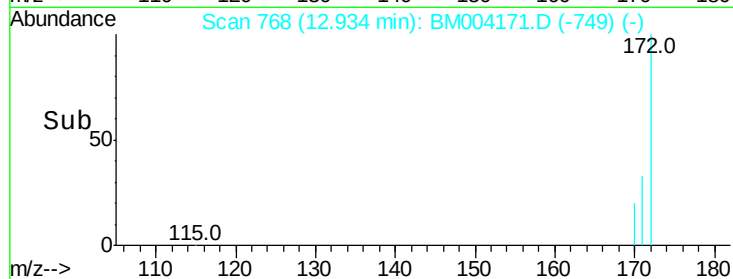
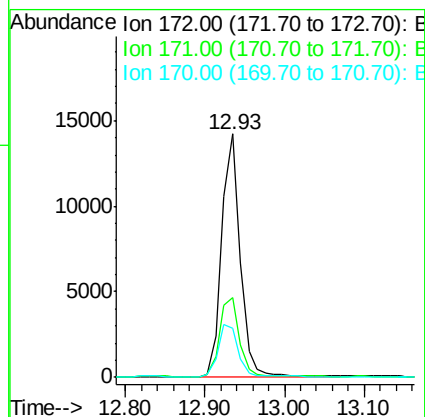
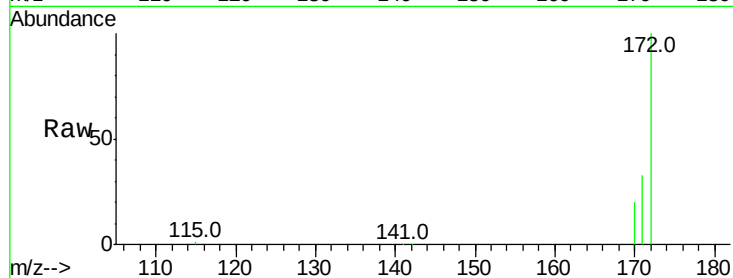




#15
2-Fluorobiphenyl
Concen: 0.87 ng
RT: 12.93 min Scan# 768
Delta R.T. -0.00 min
Lab File: BM004171.D
Acq: 02 Feb 2016 19:34

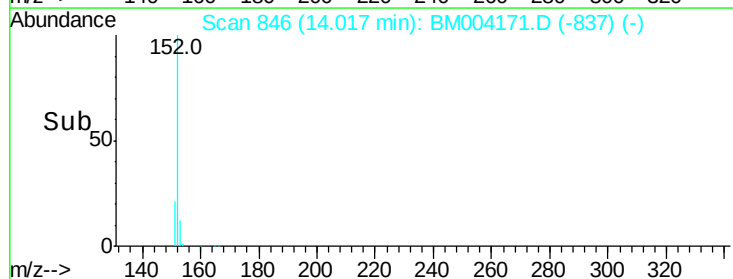
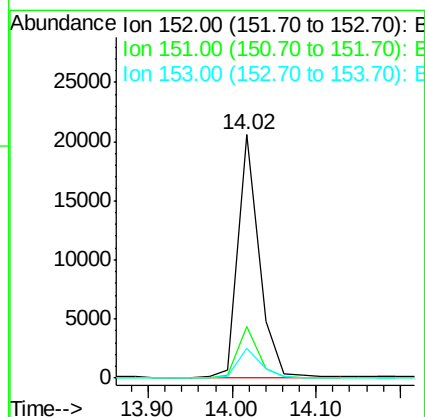
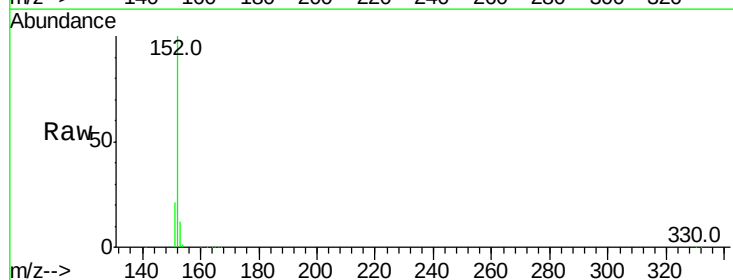
Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

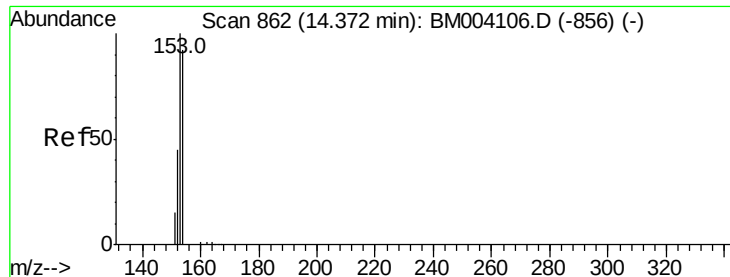
Tot Ion:172 Resp: 22780
Ion Ratio Lower Upper
172 100
171 33.0 27.0 40.6
170 20.4 17.9 26.9



#16
Acenaphthylene
Concen: 0.96 ng
RT: 14.02 min Scan# 846
Delta R.T. -0.00 min
Lab File: BM004171.D
Acq: 02 Feb 2016 19:34

Tgt Ion:152 Resp: 35411
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.8
153 12.8 10.2 15.4

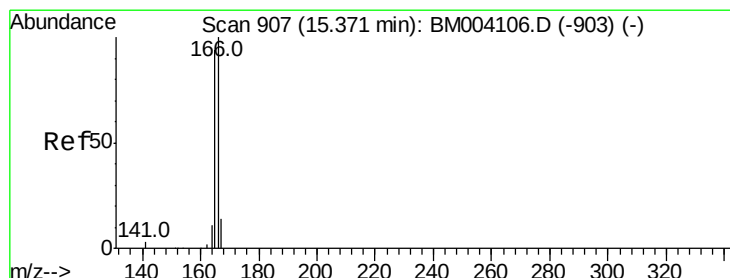
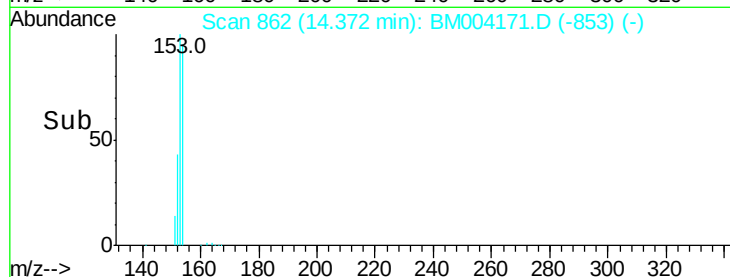
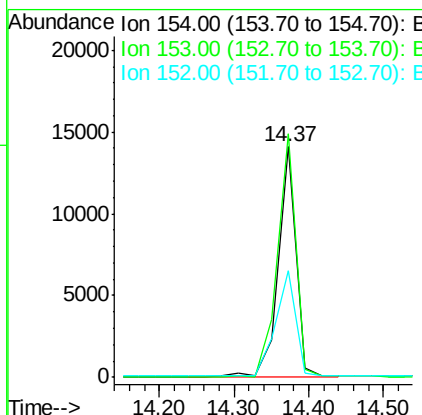
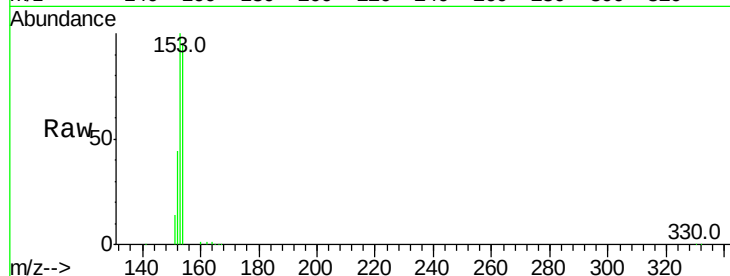




#17
Acenaphthene
Concen: 0.82 ng
RT: 14.37 min Scan# 862
Delta R.T. -0.00 min
Lab File: BM004171.D
Acq: 02 Feb 2016 19:34

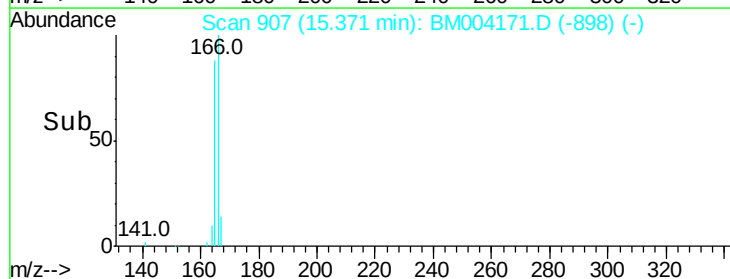
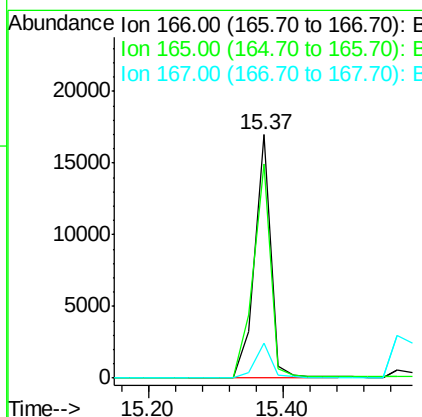
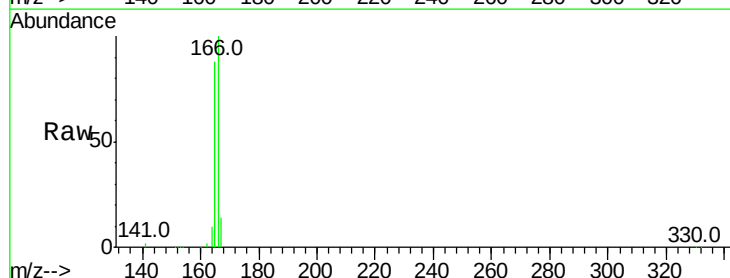
Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

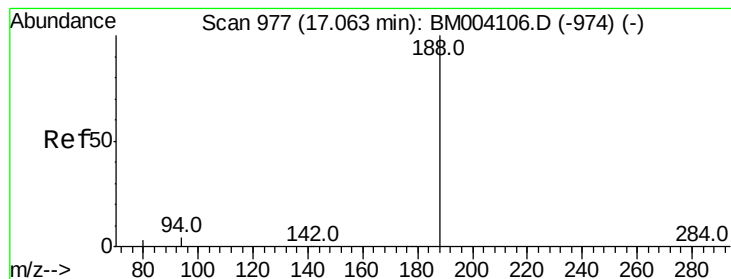
Tot Ion:154 Resp: 22897
Ion Ratio Lower Upper
154 100
153 110.1 85.4 128.2
152 51.8 40.6 60.8



#18
Fluorene
Concen: 0.83 ng
RT: 15.37 min Scan# 907
Delta R.T. -0.00 min
Lab File: BM004171.D
Acq: 02 Feb 2016 19:34

Tgt Ion:166 Resp: 28184
Ion Ratio Lower Upper
166 100
165 95.3 77.2 115.8
167 13.7 11.0 16.6





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.06 min Scan# 977

Delta R.T. -0.00 min

Lab File: BM004171.D

Acq: 02 Feb 2016 19:34

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

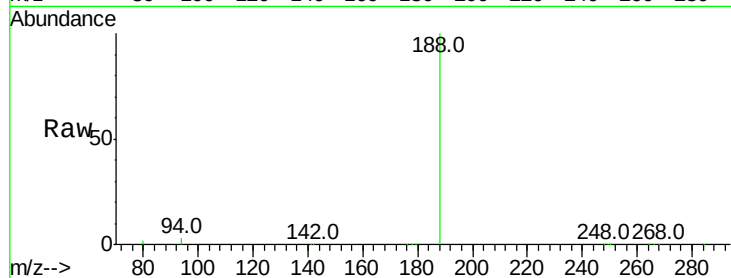
Tot Ion:188 Resp: 201769

Ion Ratio Lower Upper

188 100

94 2.8 20.3 30.5#

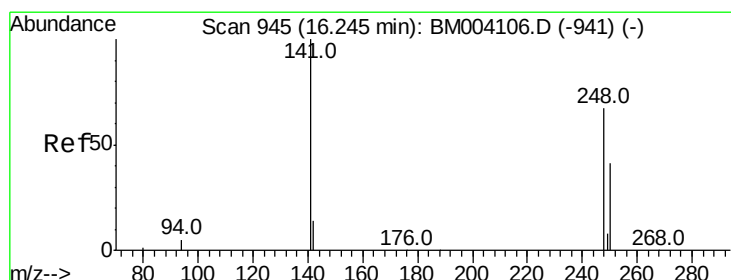
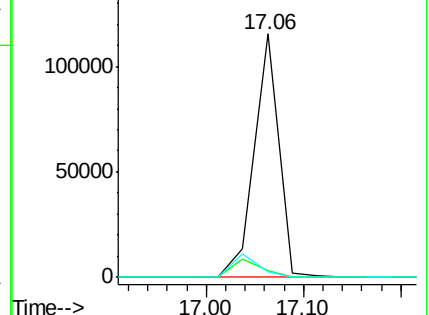
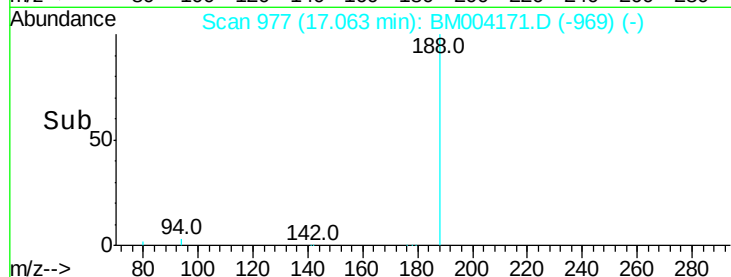
80 2.2 22.2 33.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#20

4-Bromophenyl-phenylether

Concen: 1.19 ng

RT: 16.24 min Scan# 945

Delta R.T. -0.00 min

Lab File: BM004171.D

Acq: 02 Feb 2016 19:34

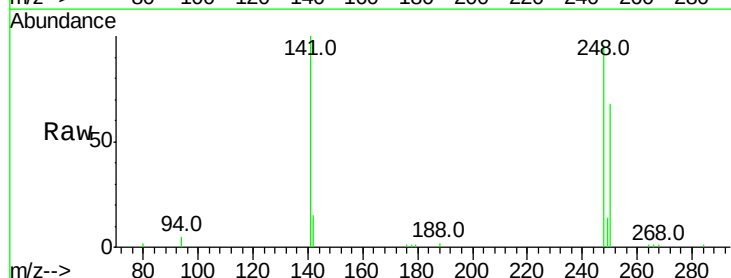
Tgt Ion:248 Resp: 7793

Ion Ratio Lower Upper

248 100

250 85.2 75.0 112.4

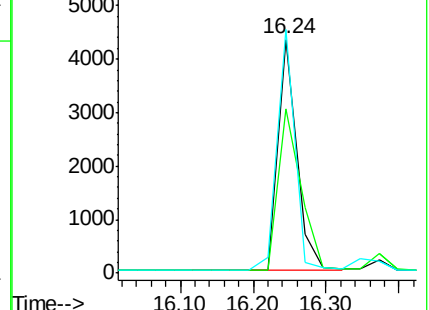
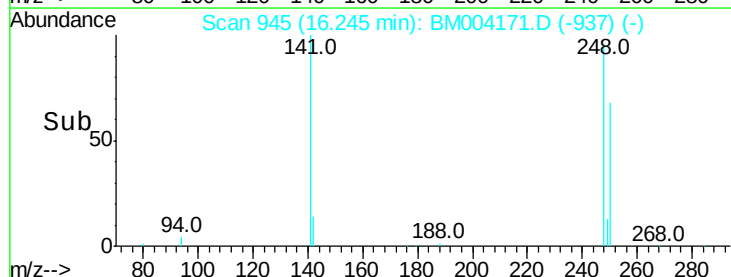
141 97.1 53.0 79.4#

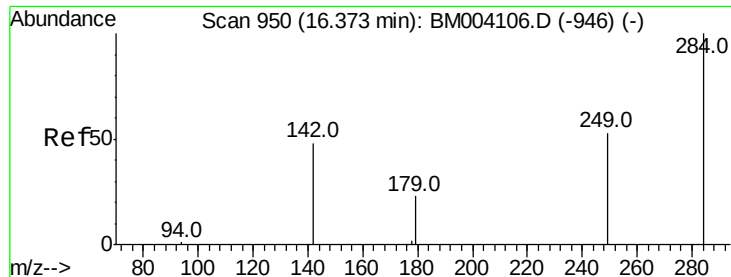


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 1.14 ng

RT: 16.37 min Scan# 950

Delta R.T. -0.00 min

Lab File: BM004171.D

Acq: 02 Feb 2016 19:34

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

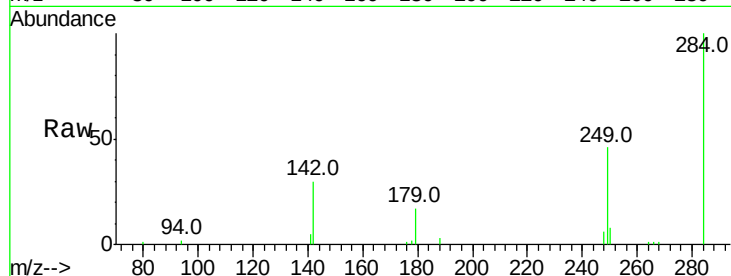
Tot Ion:284 Resp: 7853

Ion Ratio Lower Upper

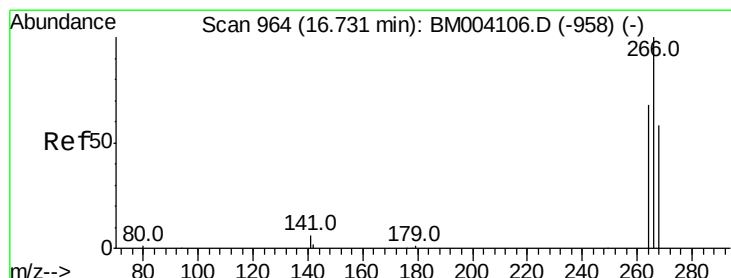
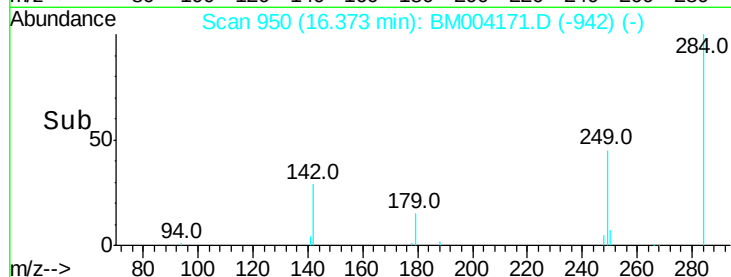
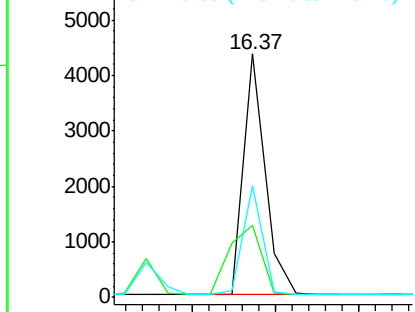
284 100

142 42.8 22.2 33.4#

249 40.4 21.5 32.3#



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



#22

Pentachlorophenol

Concen: 1.34 ng

RT: 16.73 min Scan# 964

Delta R.T. 0.00 min

Lab File: BM004171.D

Acq: 02 Feb 2016 19:34

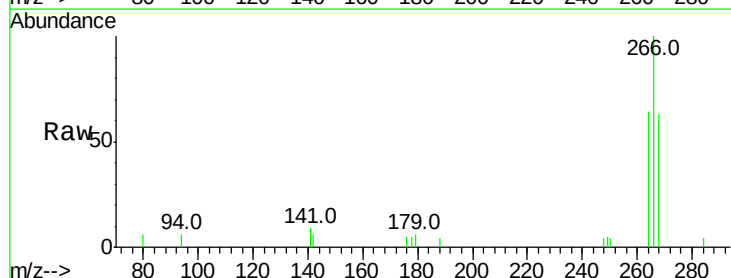
Tgt Ion:266 Resp: 2389

Ion Ratio Lower Upper

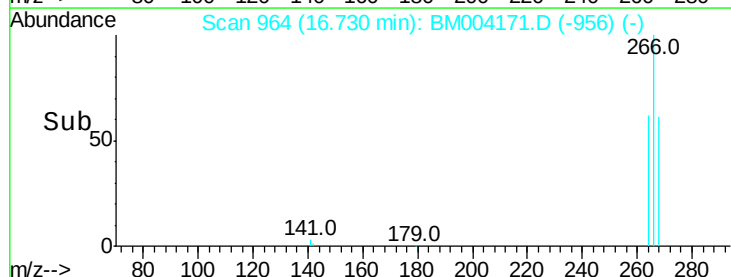
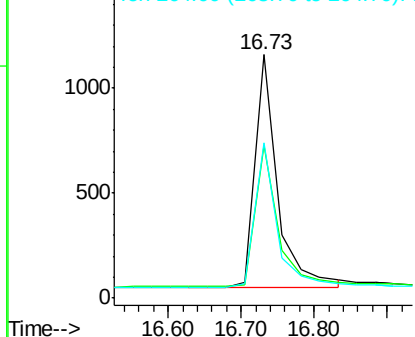
266 100

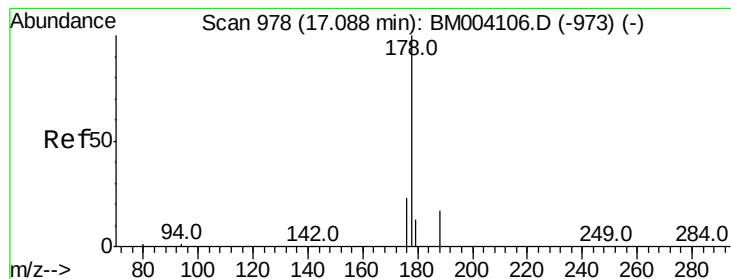
268 63.0 62.7 94.1

264 63.6 45.7 68.5



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





#23

Phenanthrene

Concen: 1.12 ng

RT: 17.09 min Scan# 978

Delta R.T. 0.00 min

Lab File: BM004171.D

Acq: 02 Feb 2016 19:34

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

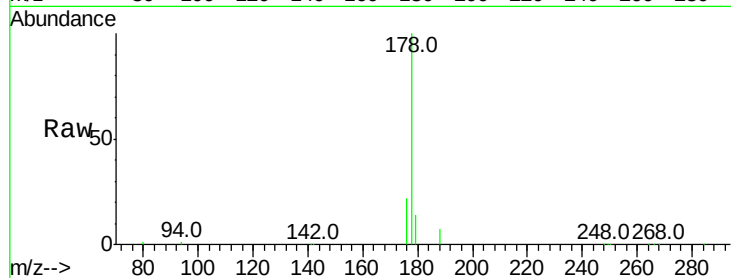
Tot Ion:178 Resp: 47262

Ion Ratio Lower Upper

178 100

176 20.3 15.4 23.0

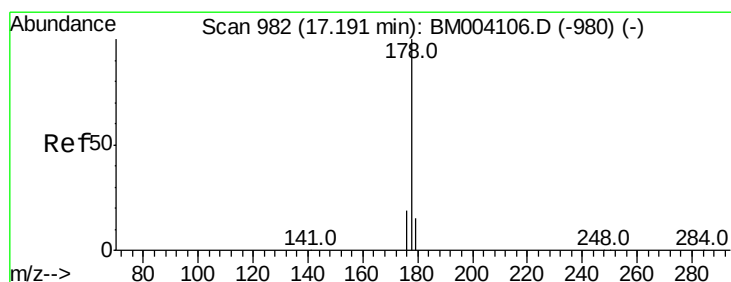
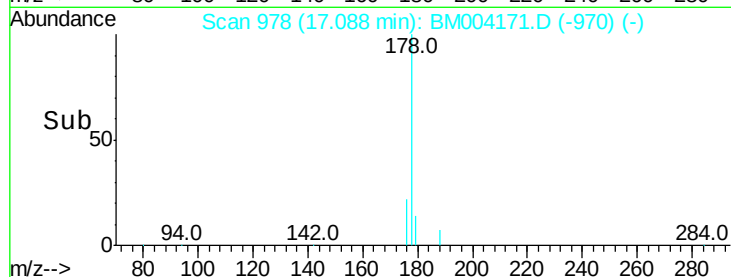
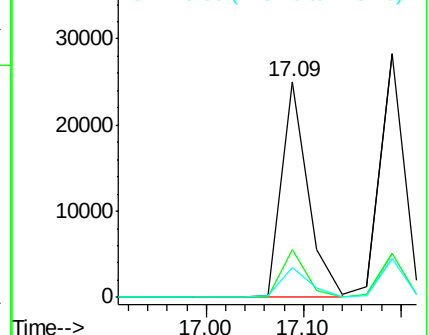
179 15.0 12.2 18.4



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



#24

Anthracene

Concen: 1.05 ng

RT: 17.19 min Scan# 982

Delta R.T. -0.00 min

Lab File: BM004171.D

Acq: 02 Feb 2016 19:34

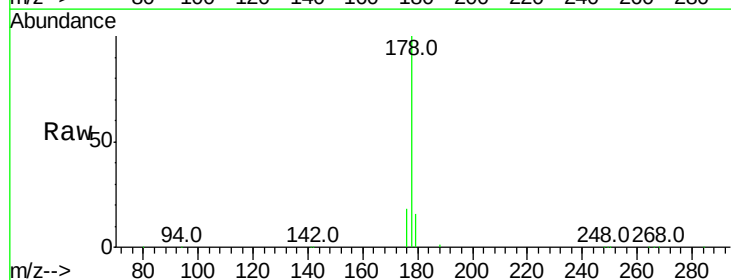
Tgt Ion:178 Resp: 48247

Ion Ratio Lower Upper

178 100

176 18.0 14.6 21.8

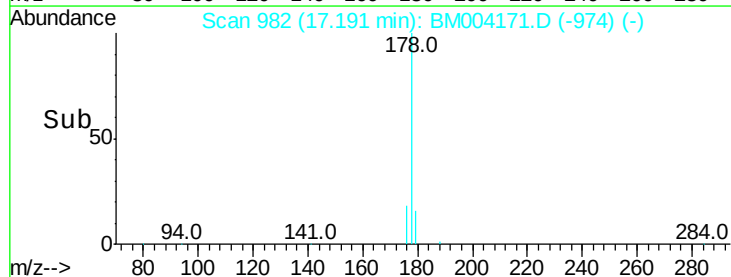
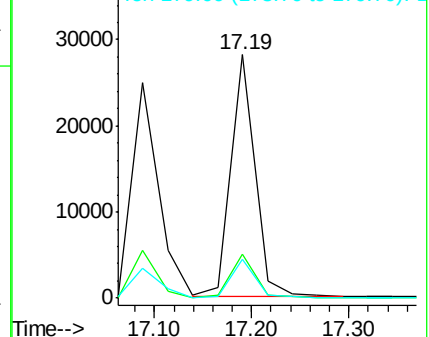
179 15.4 12.6 19.0

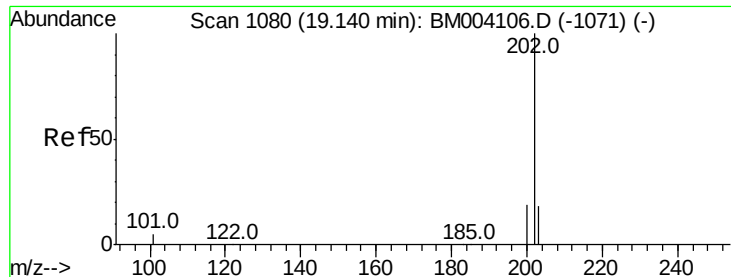


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 1.01 ng

RT: 19.14 min Scan# 1080

Delta R.T. -0.00 min

Lab File: BM004171.D

Acq: 02 Feb 2016 19:34

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

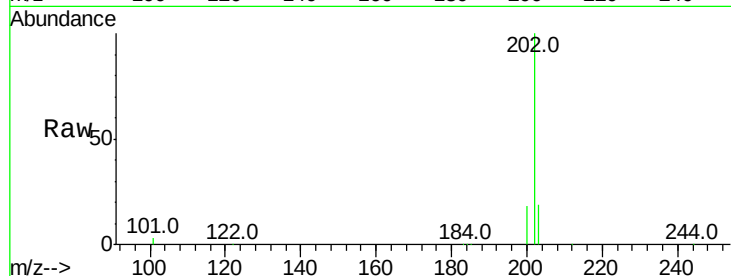
Tot Ion:202 Resp: 55430

Ion Ratio Lower Upper

202 100

101 11.9 9.7 14.5

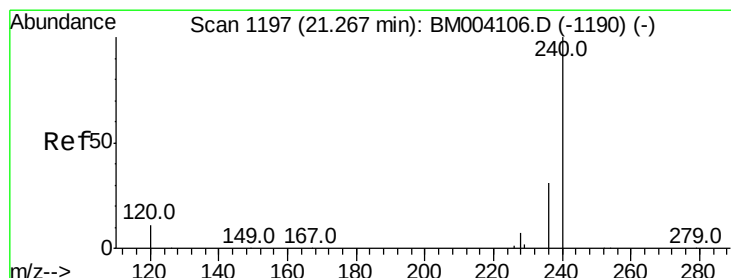
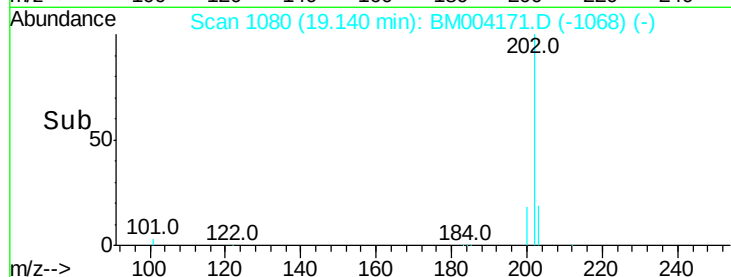
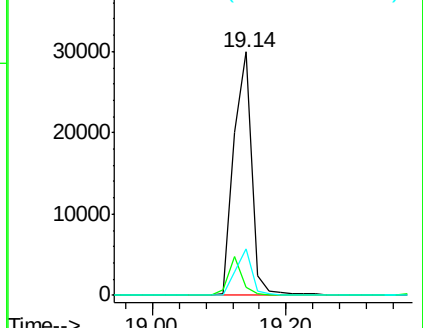
203 17.3 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.27 min Scan# 1197

Delta R.T. -0.00 min

Lab File: BM004171.D

Acq: 02 Feb 2016 19:34

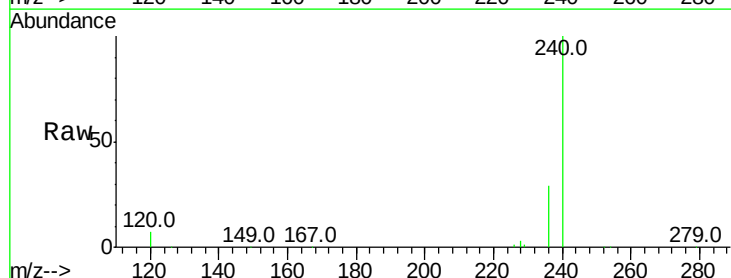
Tgt Ion:240 Resp: 239302

Ion Ratio Lower Upper

240 100

120 6.5 0.9 1.3#

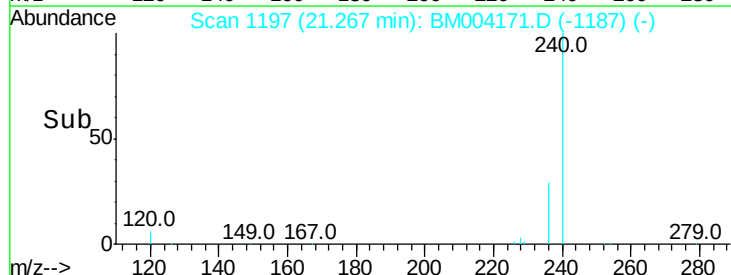
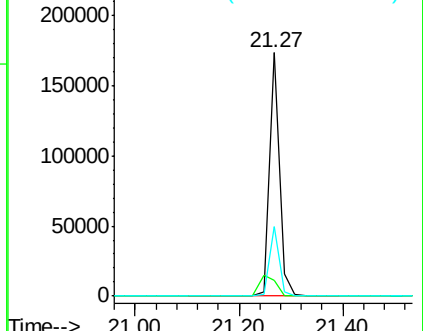
236 28.8 17.3 25.9#

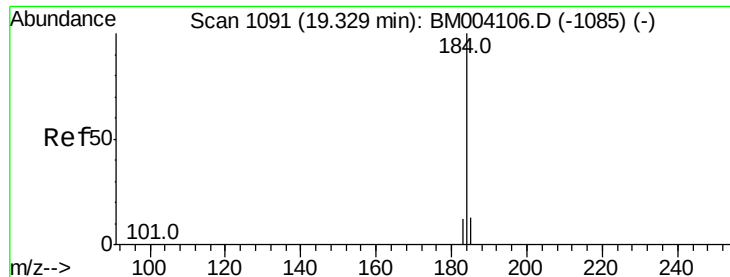


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 1.31 ng

RT: 19.33 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BM004171.D

Acq: 02 Feb 2016 19:34

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

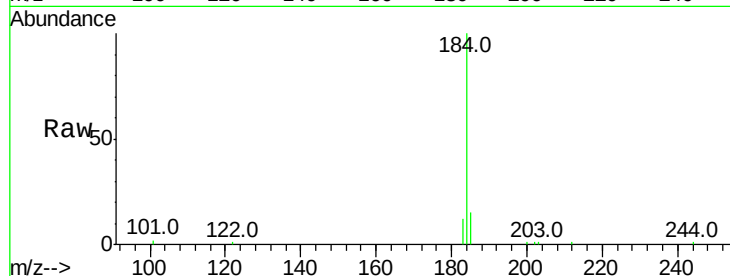
Tot Ion:184 Resp: 14420

Ion Ratio Lower Upper

184 100

185 15.0 13.2 19.8

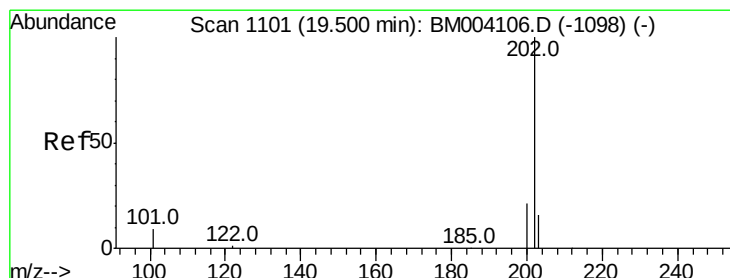
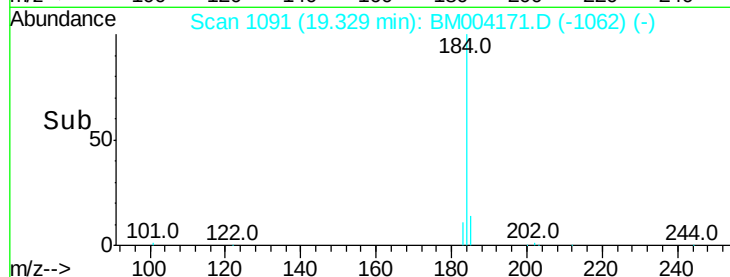
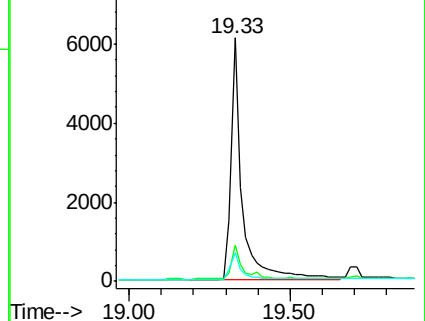
183 11.9 9.0 13.6



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: 0.92 ng

RT: 19.50 min Scan# 1101

Delta R.T. 0.00 min

Lab File: BM004171.D

Acq: 02 Feb 2016 19:34

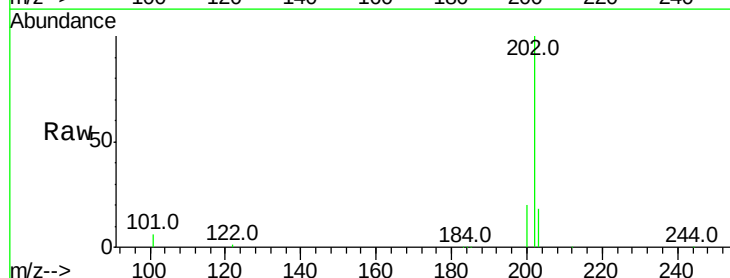
Tgt Ion:202 Resp: 62150

Ion Ratio Lower Upper

202 100

200 20.7 16.6 24.8

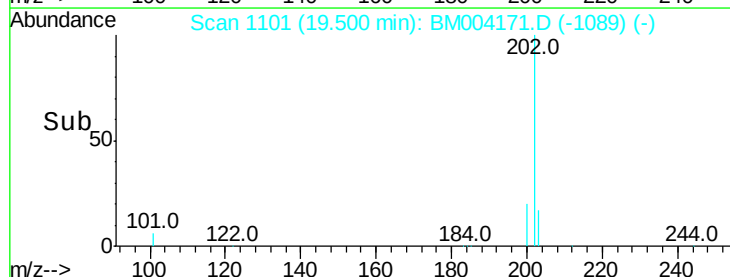
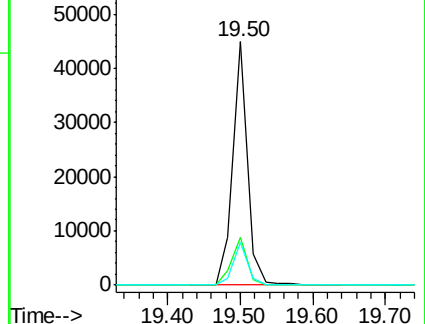
203 17.3 14.0 21.0

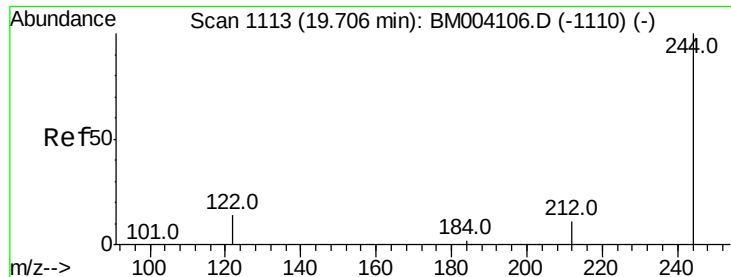


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.93 ng

RT: 19.71 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BM004171.D

Acq: 02 Feb 2016 19:34

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

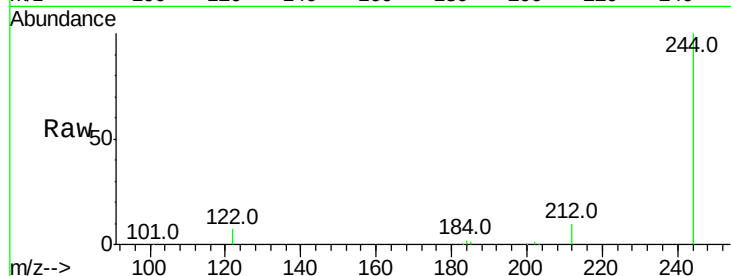
Tot Ion:244 Resp: 28159

Ion Ratio Lower Upper

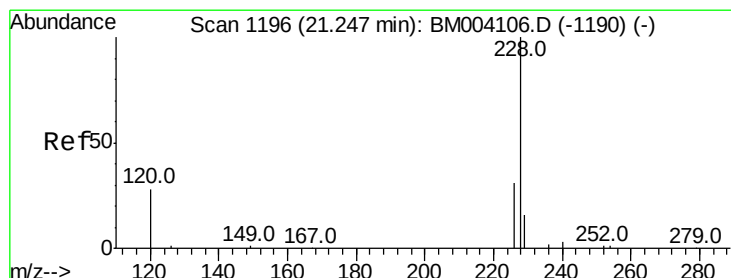
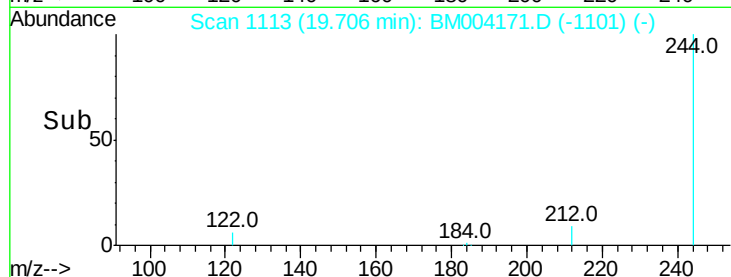
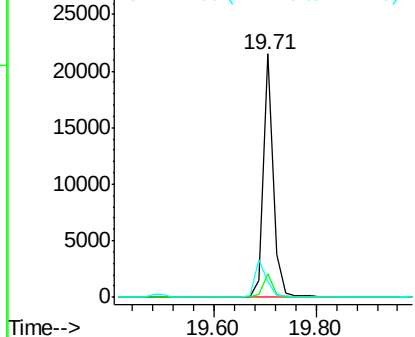
244 100

212 9.6 7.0 10.6

122 6.7 3.0 4.6#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.86 ng m

RT: 21.25 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BM004171.D

Acq: 02 Feb 2016 19:34

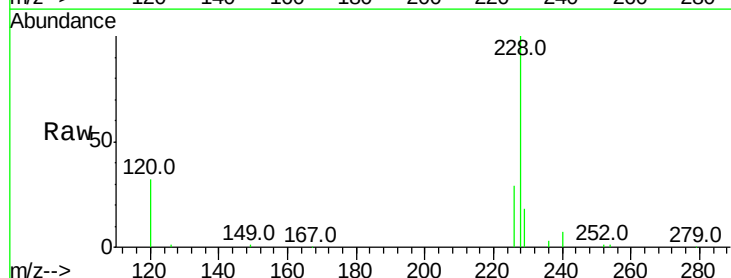
Tgt Ion:228 Resp: 63260

Ion Ratio Lower Upper

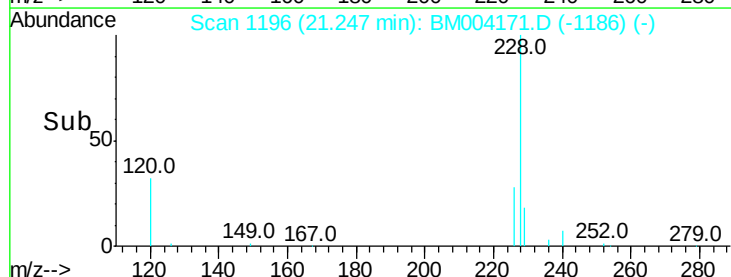
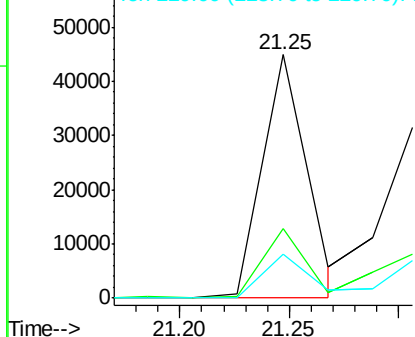
228 100

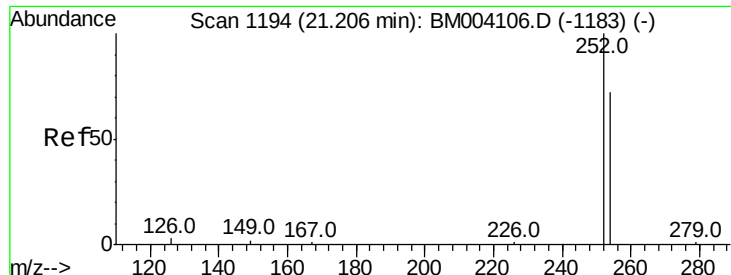
226 28.5 17.2 25.8#

229 18.1 18.7 28.1#



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

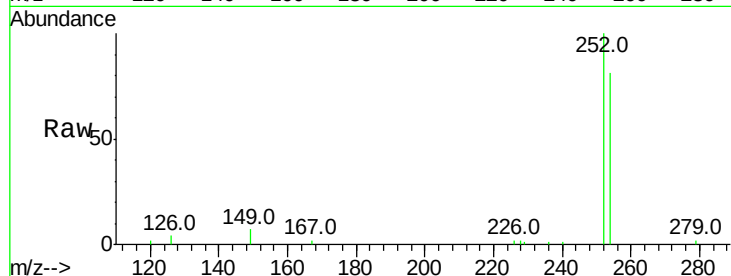




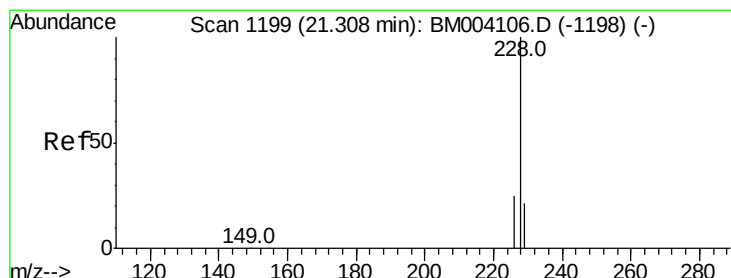
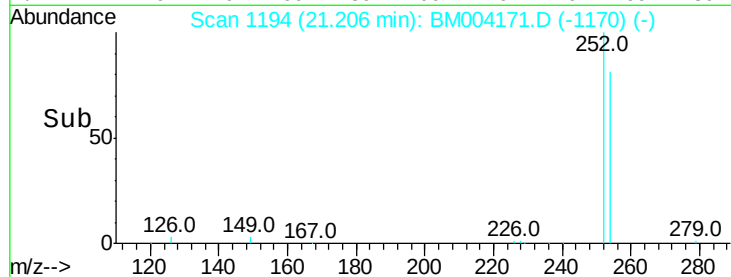
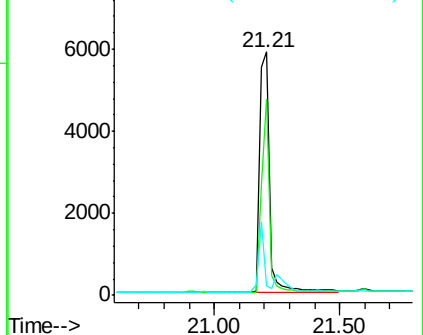
#31
 3,3'-Dichlorobenzidine
 Concen: 1.10 ng
 RT: 21.21 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BM004171.D
 Acq: 02 Feb 2016 19:34

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

Tot Ion:252 Resp: 16112
 Ion Ratio Lower Upper
 252 100
 254 80.8 52.6 79.0#
 126 3.8 3.7 5.5

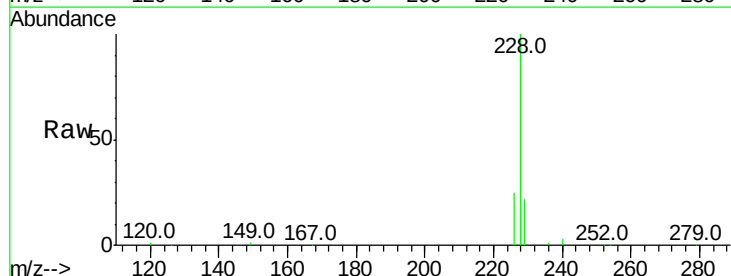


Abundance Ion 252.00 (251.70 to 252.70): E
 8000 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

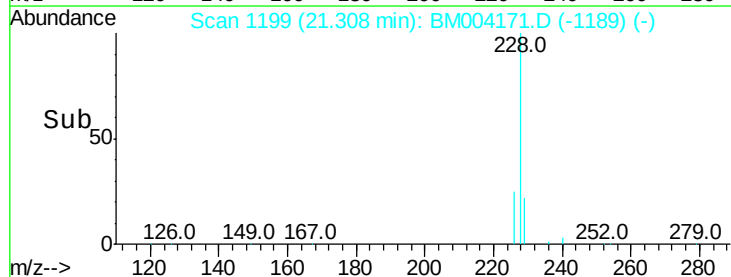
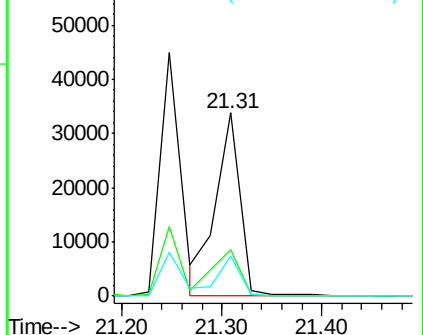


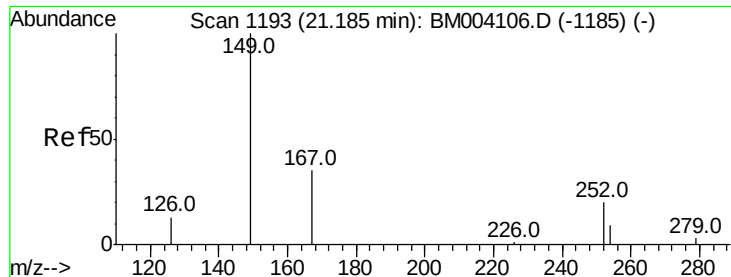
#32
 Chrysene
 Concen: 0.89 ng m
 RT: 21.31 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BM004171.D
 Acq: 02 Feb 2016 19:34

Tgt Ion:228 Resp: 57889
 Ion Ratio Lower Upper
 228 100
 226 25.3 25.3 37.9#
 229 22.2 14.5 21.7#



Abundance Ion 228.00 (227.70 to 228.70): E
 60000 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#33

Bis(2-ethylhexyl)phthalate

Concen: 1.23 ng

RT: 21.16 min Scan# 1192

Delta R.T. -0.02 min

Lab File: BM004171.D

Acq: 02 Feb 2016 19:34

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

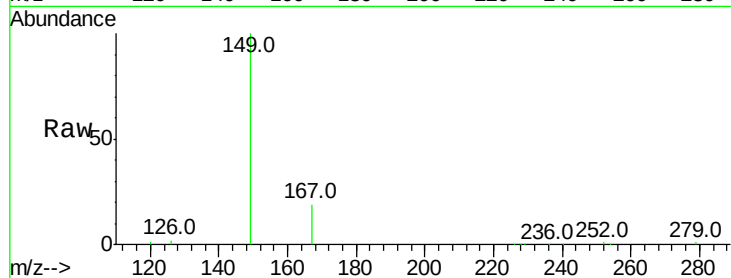
Tot Ion:149 Resp: 29024

Ion Ratio Lower Upper

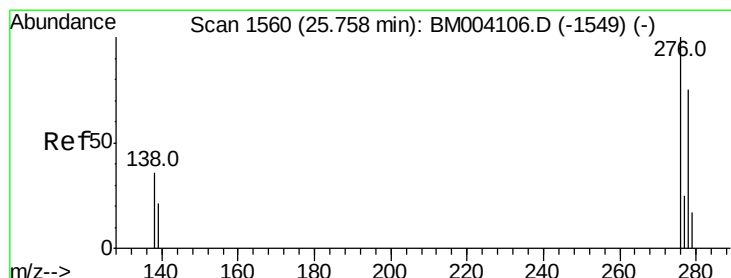
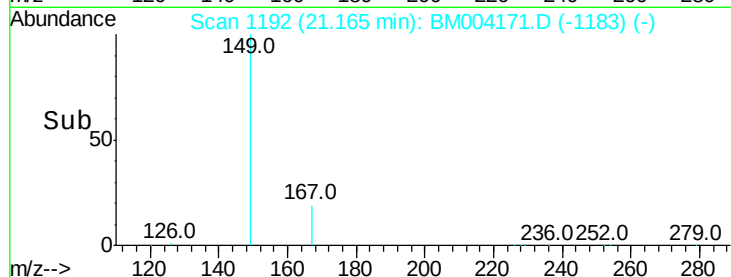
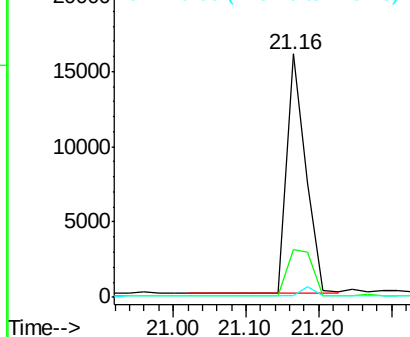
149 100

167 25.4 20.1 30.1

279 0.0 1.8 2.6#



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: 0.79 ng

RT: 25.75 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BM004171.D

Acq: 02 Feb 2016 19:34

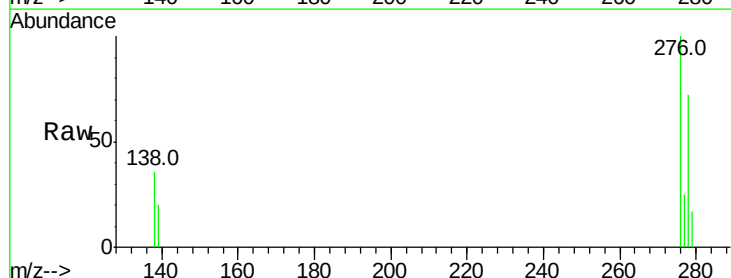
Tgt Ion:276 Resp: 55349

Ion Ratio Lower Upper

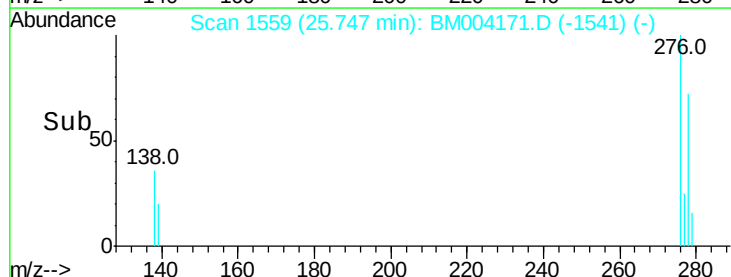
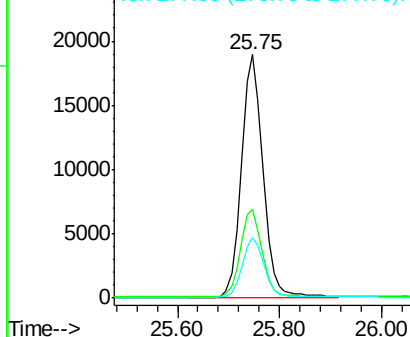
276 100

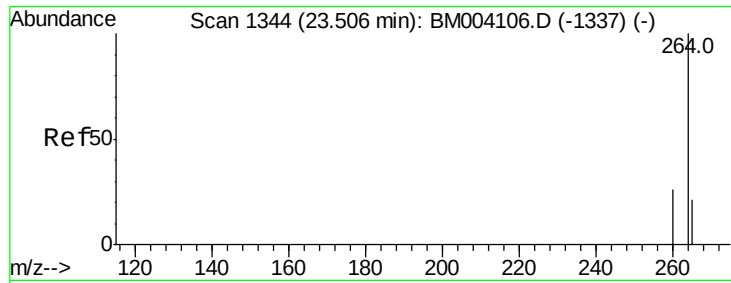
138 36.4 30.2 45.2

277 24.7 19.8 29.8



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

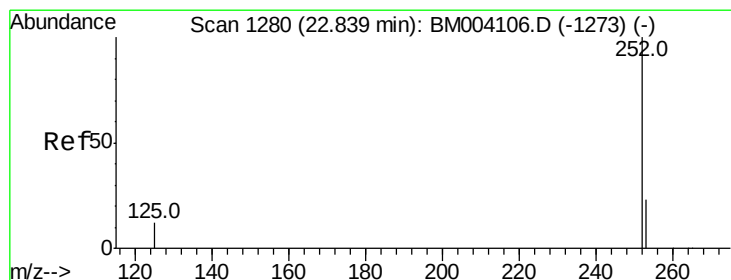
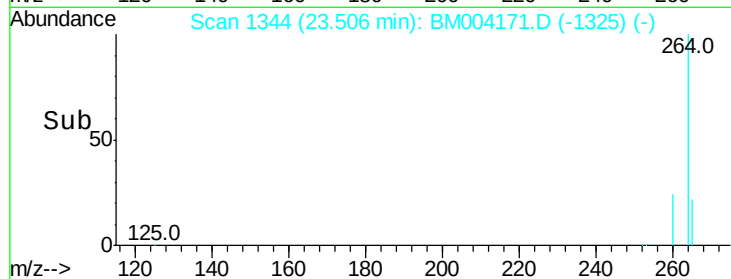
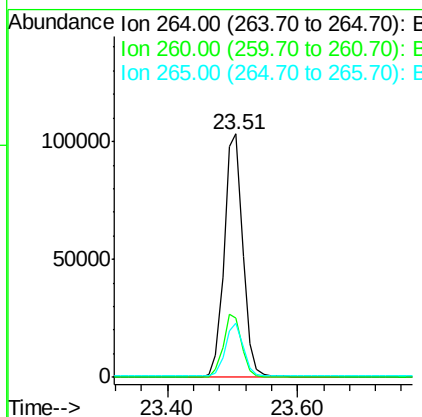
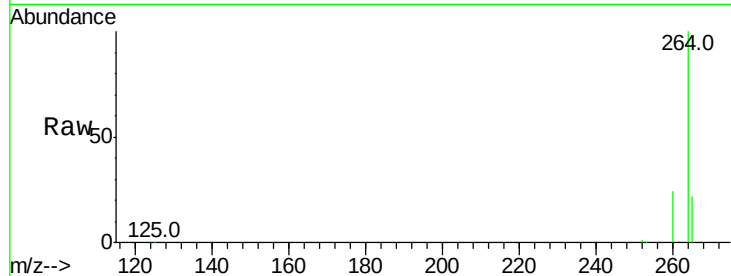




#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.51 min Scan# 1344
 Delta R.T. -0.00 min
 Lab File: BM004171.D
 Acq: 02 Feb 2016 19:34

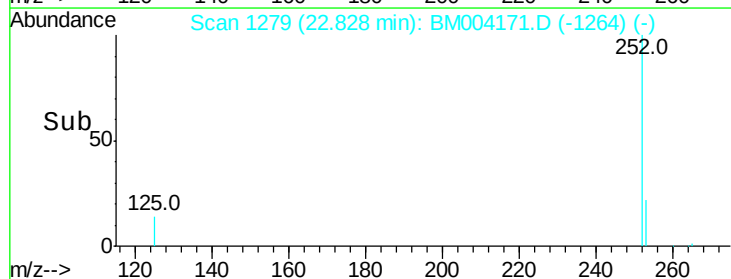
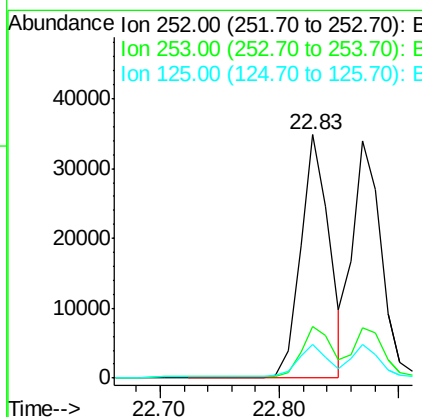
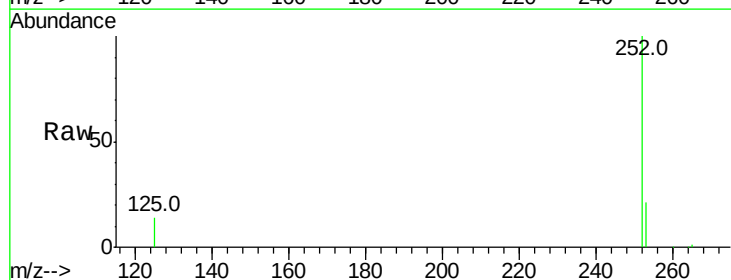
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

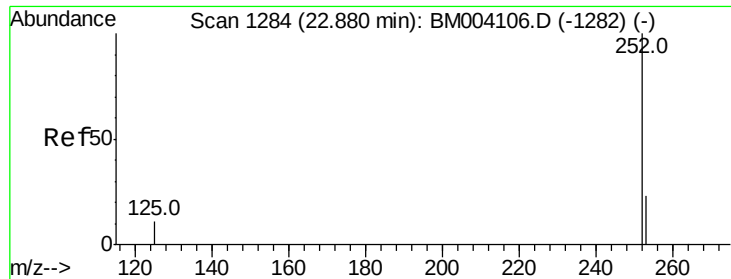
Tot Ion:264 Resp: 204587
 Ion Ratio Lower Upper
 264 100
 260 24.2 21.2 31.8
 265 22.5 16.7 25.1



#36
 Benzo(b)fluoranthene
 Concen: 0.90 ng
 RT: 22.83 min Scan# 1279
 Delta R.T. -0.01 min
 Lab File: BM004171.D
 Acq: 02 Feb 2016 19:34

Tgt Ion:252 Resp: 57274
 Ion Ratio Lower Upper
 252 100
 253 21.5 18.8 28.2
 125 13.8 10.2 15.4





#37

Benzo(k)fluoranthene

Concen: 0.99 ng

RT: 22.87 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BM004171.D

Acq: 02 Feb 2016 19:34

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

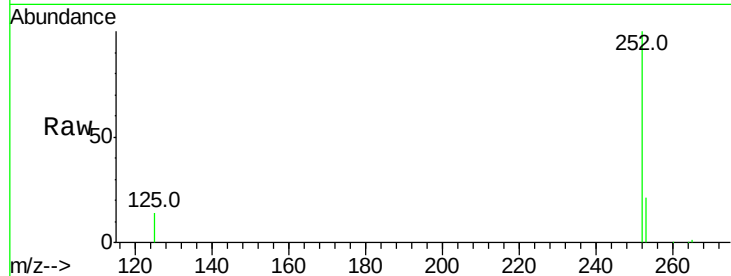
Tot Ion:252 Resp: 56591

Ion Ratio Lower Upper

252 100

253 21.3 18.3 27.5

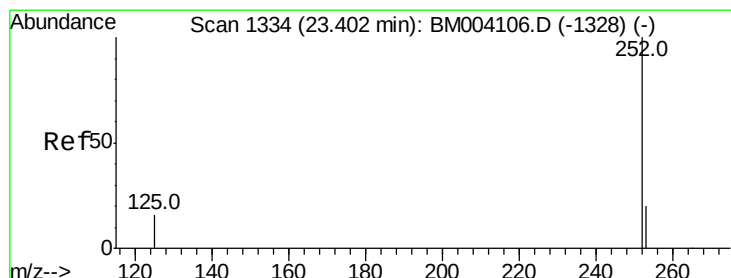
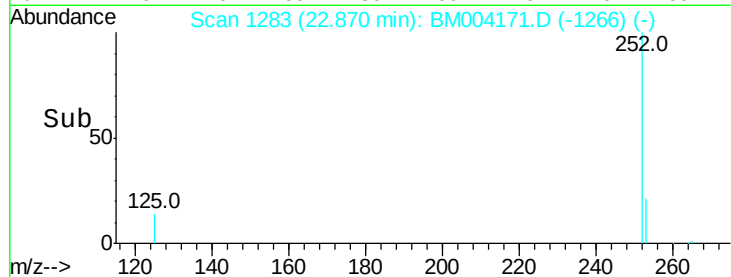
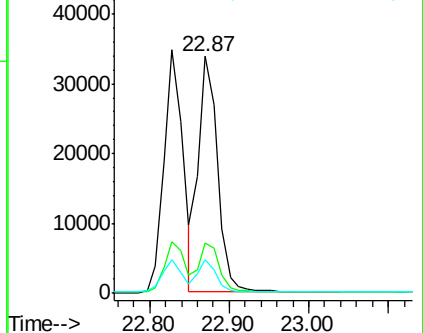
125 14.0 10.6 15.8



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: 0.96 ng

RT: 23.40 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BM004171.D

Acq: 02 Feb 2016 19:34

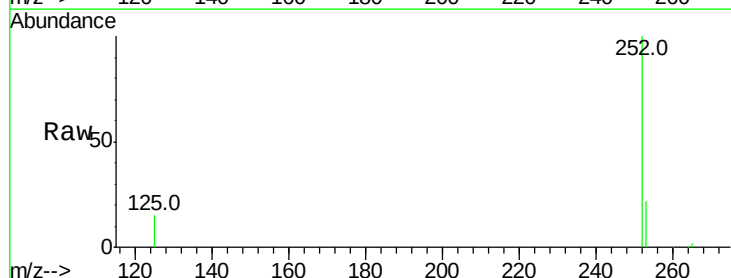
Tgt Ion:252 Resp: 53520

Ion Ratio Lower Upper

252 100

253 22.2 18.7 28.1

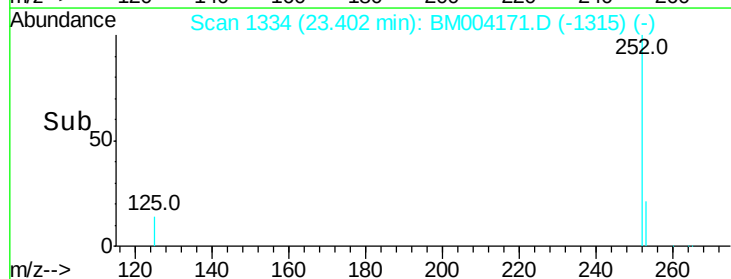
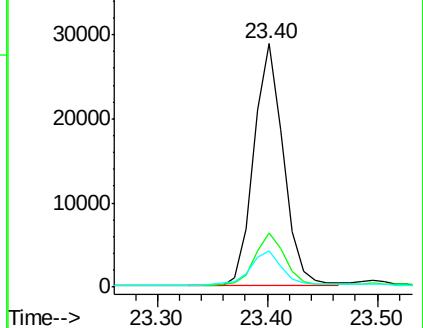
125 14.8 11.8 17.8

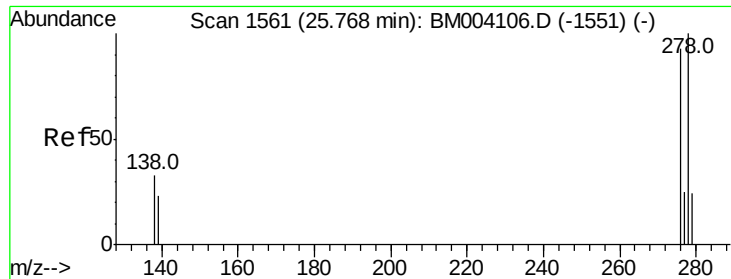


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 0.88 ng

RT: 25.76 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BM004171.D

Acq: 02 Feb 2016 19:34

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

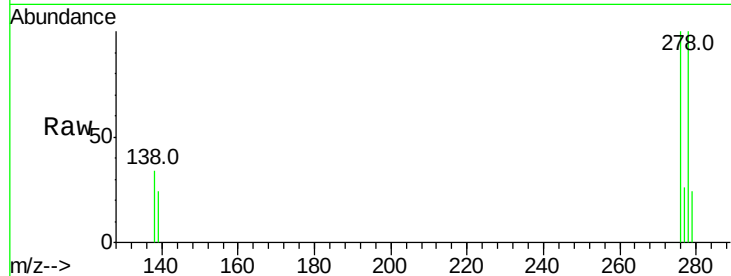
Tot Ion:278 Resp: 44152

Ion Ratio Lower Upper

278 100

139 23.5 19.0 28.6

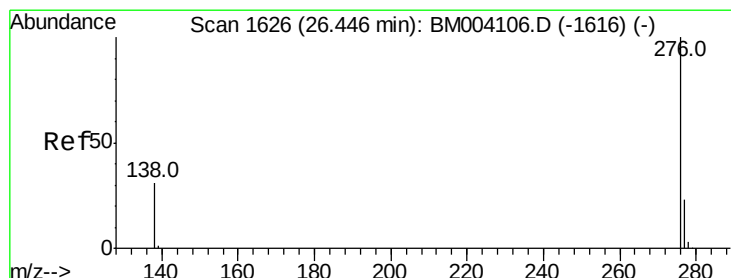
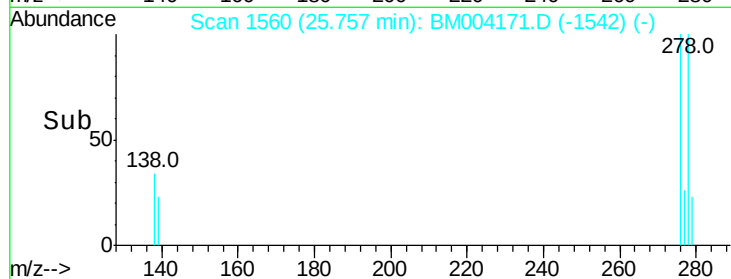
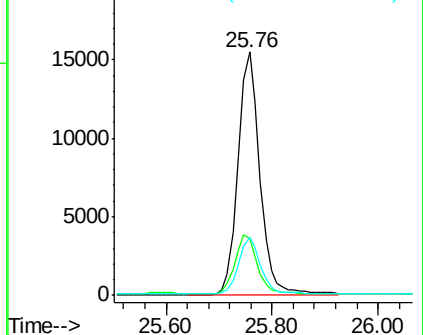
279 23.8 19.6 29.4



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: 0.84 ng

RT: 26.44 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BM004171.D

Acq: 02 Feb 2016 19:34

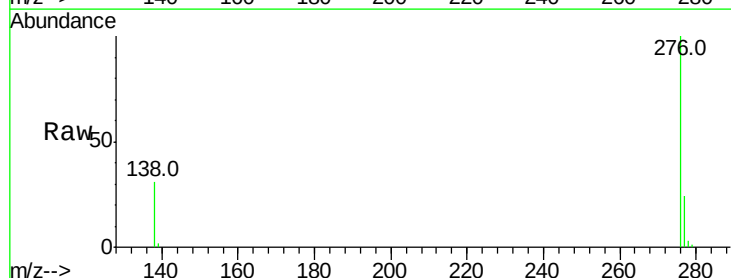
Tgt Ion:276 Resp: 45771

Ion Ratio Lower Upper

276 100

277 24.0 19.1 28.7

138 30.8 25.0 37.4



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

