

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012716\
 Data File : BM004138.D
 Acq On : 27 Jan 2016 17:25
 Operator : SJ/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

Quant Time: Jan 27 23:59:39 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	17109	5.00	ng	0.00
7) Naphthalene-d8	10.44	136	77389	5.00	ng	0.00
13) Acenaphthene-d10	14.31	164	49476	5.00	ng	0.00
19) Phenanthrene-d10	17.06	188	144655	5.00	ng	0.00
26) Chrysene-d12	21.27	240	145332	5.00	ng	0.00
35) Perylene-d12	23.51	264	146165	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.27	112	3262	0.91	ng	0.00
5) Phenol-d6	6.85	99	3998	0.93	ng	0.00
8) Nitrobenzene-d5	8.83	82	3126	0.92	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	1305	0.93	ng	0.00
15) 2-Fluorobiphenyl	12.93	172	13516	0.89	ng	0.00
29) Terphenyl-d14	19.71	244	18049	0.98	ng	0.00

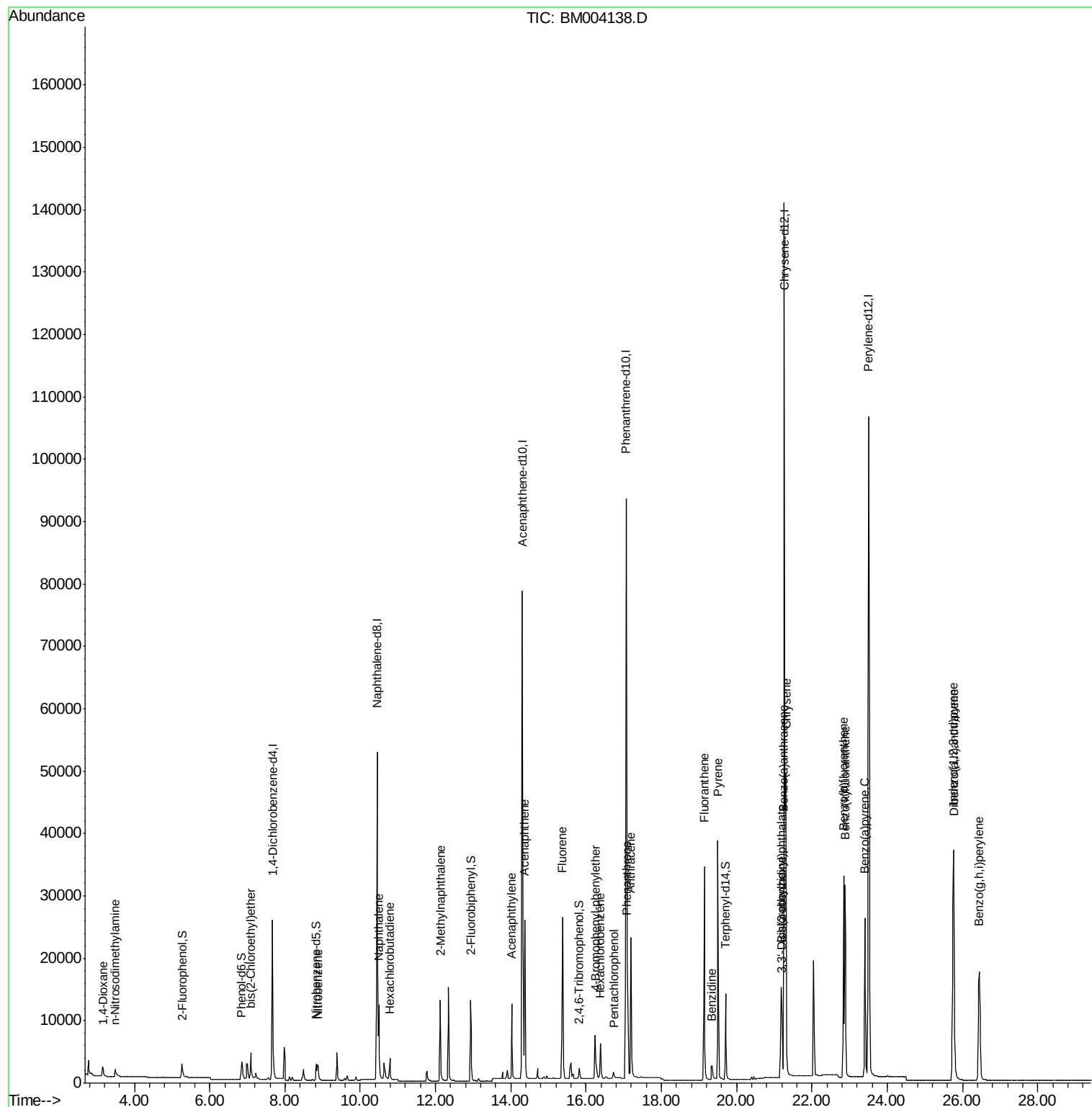
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.17	88	1625	0.98	ng	98
3) n-Nitrosodimethylamine	3.49	42	1391	0.91	ng	96
6) bis(2-Chloroethyl)ether	7.09	93	3696	0.93	ng	98
9) Nitrobenzene	8.87	77	3480	0.91	ng	100
10) Naphthalene	10.49	128	16463	0.91	ng	98
11) Hexachlorobutadiene	10.79	225	2512	0.90	ng	100
12) 2-Methylnaphthalene	12.12	142	11127	0.94	ng	97
16) Acenaphthylene	14.02	152	18929	0.89	ng	100
17) Acenaphthene	14.37	154	14180	0.88	ng	96
18) Fluorene	15.37	166	18323	0.93	ng	99
20) 4-Bromophenyl-phenylether	16.24	248	4182	0.89	ng	# 14
21) Hexachlorobenzene	16.37	284	4407	0.89	ng	# 59
22) Pentachlorophenol	16.73	266	1041	0.92	ng	# 82
23) Phenanthrene	17.09	178	28635	0.92	ng	99
24) Anthracene	17.19	178	30021	0.91	ng	98
25) Fluoranthene	19.14	202	36852	0.94	ng	99
27) Benzidine	19.35	184	6302	1.01	ng	97
28) Pyrene	19.50	202	38970	0.95	ng	99
30) Benzo(a)anthracene	21.25	228	40004	0.90	ng	# 82
31) 3,3'-Dichlorobenzidine	21.21	252	9606	1.09	ng	97
32) Chrysene	21.31	228	41743	1.07	ng	94
33) Bis(2-ethylhexyl)phthalate	21.19	149	15294	1.09	ng	94
34) Indeno(1,2,3-cd)pyrene	25.76	276	40946	0.95	ng	100
36) Benzo(b)fluoranthene	22.84	252	40620	0.90	ng	98
37) Benzo(k)fluoranthene	22.88	252	38465	0.94	ng	98
38) Benzo(a)pyrene	23.41	252	36315	0.91	ng	99
39) Dibenzo(a,h)anthracene	25.77	278	32391	0.90	ng	99
40) Benzo(g,h,i)perylene	26.45	276	35251	0.90	ng	99

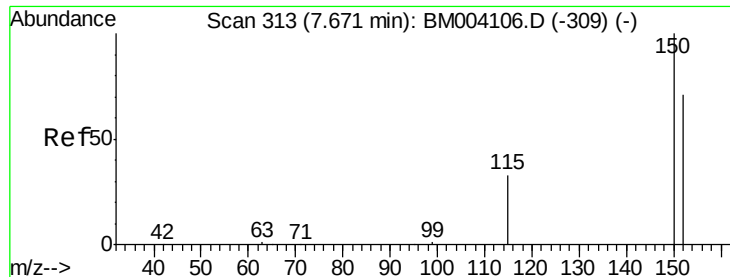
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012716\
Data File : BM004138.D
Acq On : 27 Jan 2016 17:25
Operator : SJ/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Quant Time: Jan 27 23:59:39 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





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.67 min Scan# 313

Delta R.T. 0.00 min

Lab File: BM004138.D

Acq: 27 Jan 2016 17:25

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

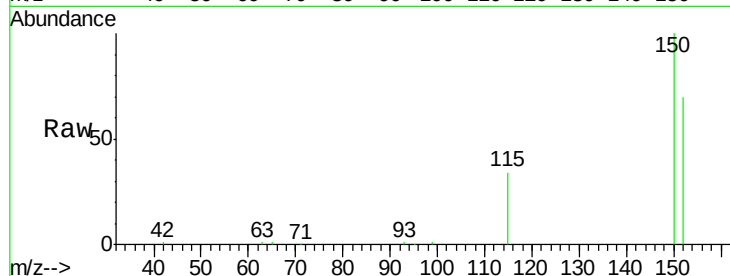
Tgt Ion: 152 Resp: 17109

Ion Ratio Lower Upper

152 100

150 142.3 122.9 184.3

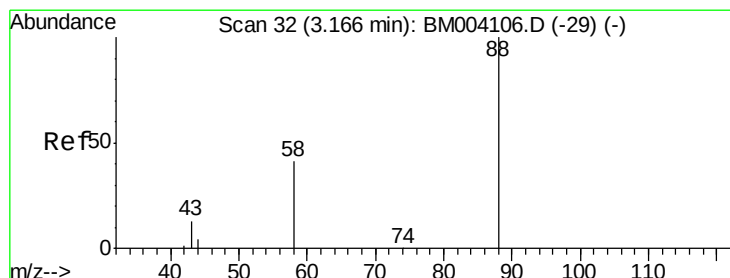
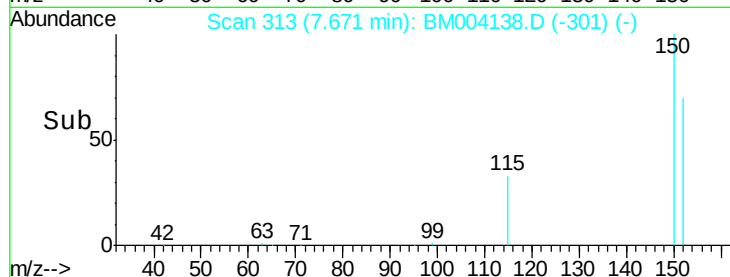
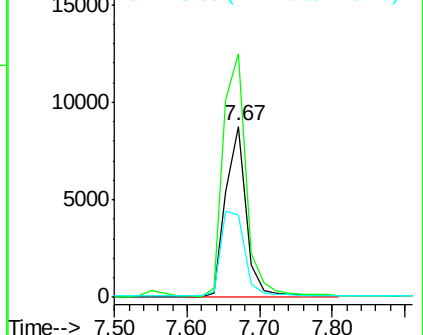
115 48.1 44.4 66.6



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: 0.98 ng

RT: 3.17 min Scan# 32

Delta R.T. 0.00 min

Lab File: BM004138.D

Acq: 27 Jan 2016 17:25

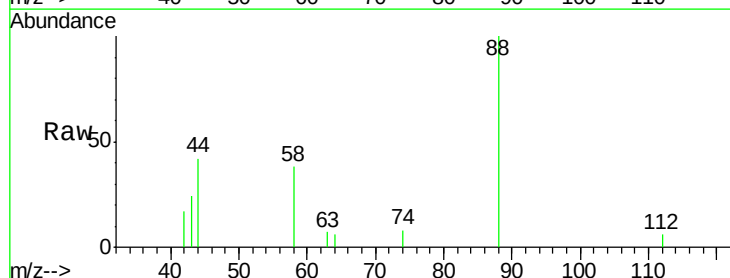
Tgt Ion: 88 Resp: 1625

Ion Ratio Lower Upper

88 100

58 66.1 53.8 80.6

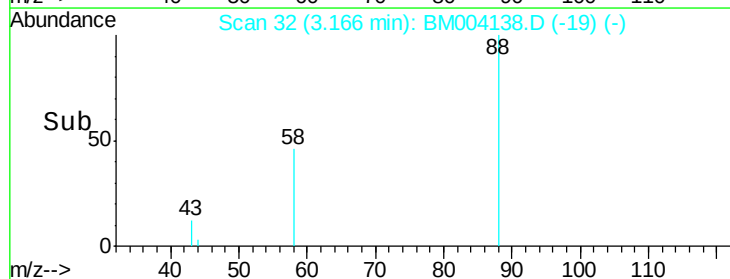
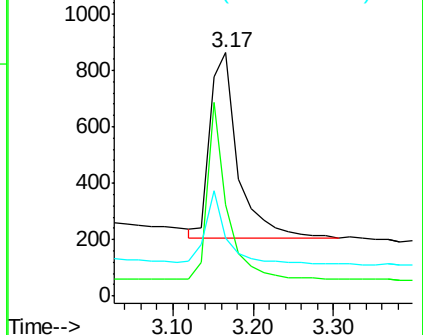
43 28.7 23.8 35.6

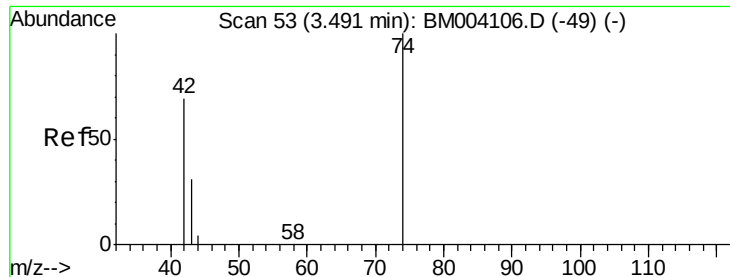


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 0.91 ng

RT: 3.49 min Scan# 53

Delta R.T. 0.00 min

Lab File: BM004138.D

Acq: 27 Jan 2016 17:25

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

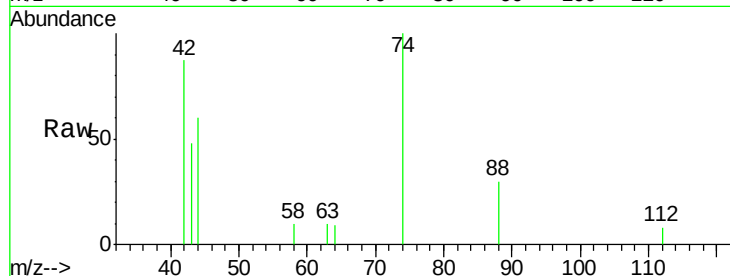
Tgt Ion: 42 Resp: 1391

Ion Ratio Lower Upper

42 100

74 123.3 95.0 142.4

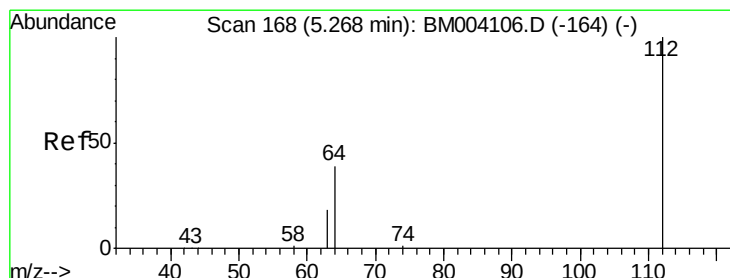
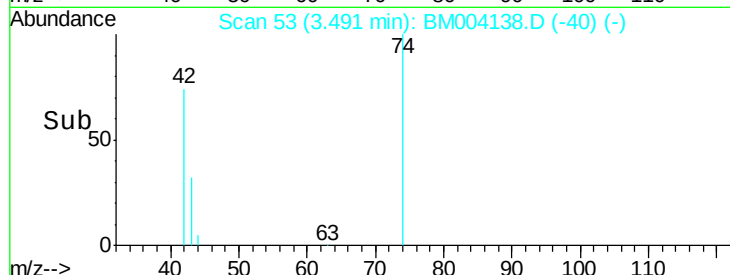
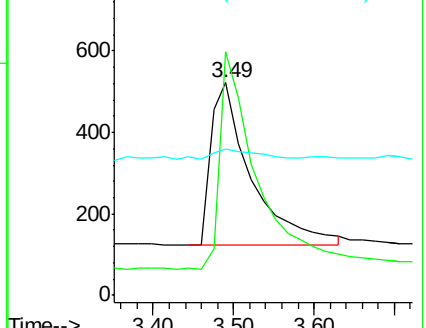
44 7.3 5.1 7.7



Abundance Ion 42.00 (41.70 to 42.70): BM004138.D (-155) (-)

Ion 74.00 (73.70 to 74.70): BM004138.D (-155) (-)

Ion 44.00 (43.70 to 44.70): BM004138.D (-155) (-)



#4

2-Fluorophenol

Concen: 0.91 ng

RT: 5.27 min Scan# 168

Delta R.T. 0.00 min

Lab File: BM004138.D

Acq: 27 Jan 2016 17:25

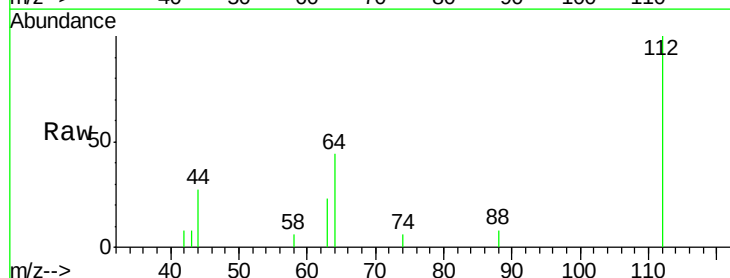
Tgt Ion: 112 Resp: 3262

Ion Ratio Lower Upper

112 100

64 53.1 41.8 62.8

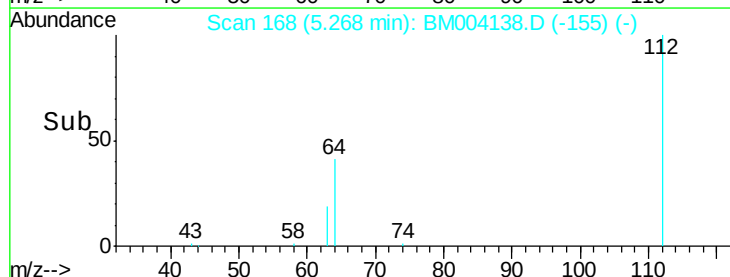
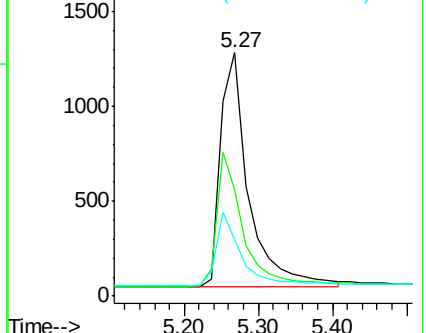
63 27.7 22.1 33.1

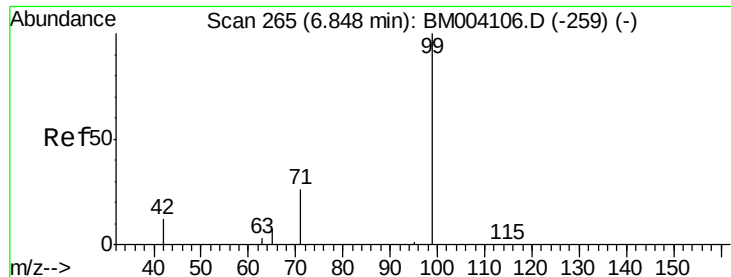


Abundance Ion 112.00 (111.70 to 112.70): BM004138.D (-155) (-)

Ion 64.00 (63.70 to 64.70): BM004138.D (-155) (-)

Ion 63.00 (62.70 to 63.70): BM004138.D (-155) (-)





#5

Phenol-d6

Concen: 0.93 ng

RT: 6.85 min Scan# 265

Delta R.T. 0.00 min

Lab File: BM004138.D

Acq: 27 Jan 2016 17:25

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

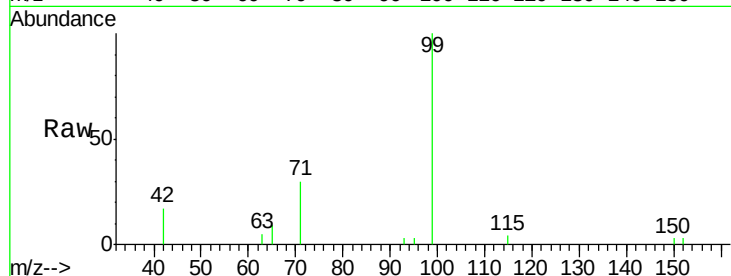
Tgt Ion: 99 Resp: 3998

Ion Ratio Lower Upper

99 100

42 18.8 16.2 24.2

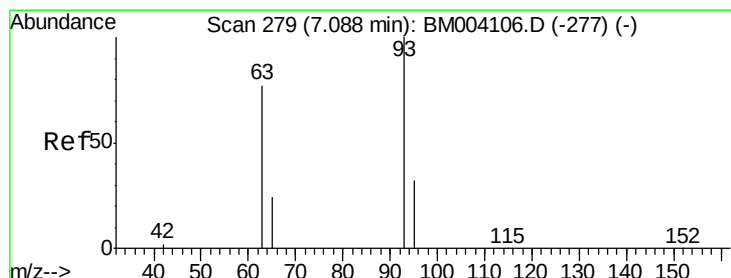
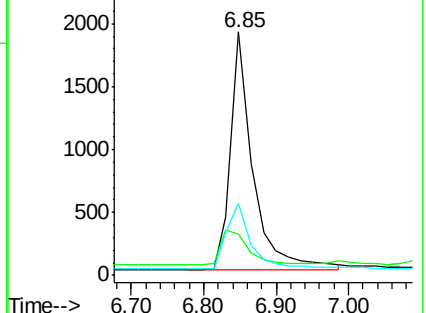
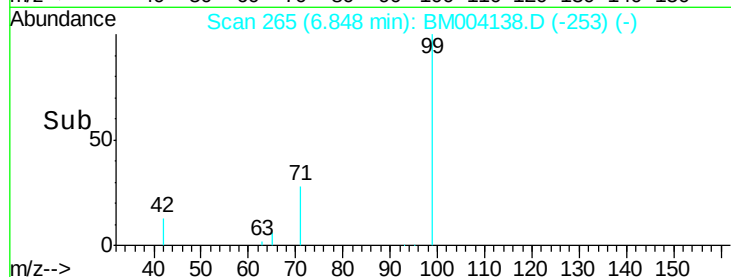
71 30.7 24.4 36.6



Abundance Ion 99.00 (98.70 to 99.70): BM004138.D (-253) (-)

Ion 42.00 (41.70 to 42.70): BM004138.D (-253) (-)

Ion 71.00 (70.70 to 71.70): BM004138.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: BM004138.D

Acq: 27 Jan 2016 17:25

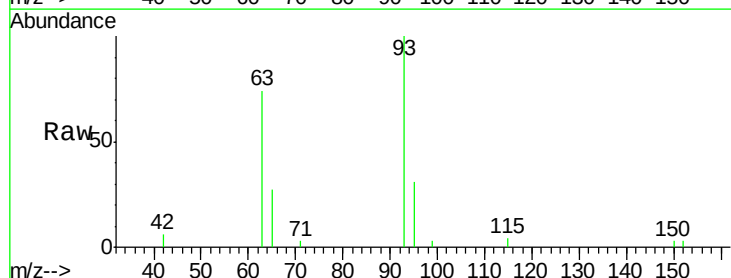
Tgt Ion: 93 Resp: 3696

Ion Ratio Lower Upper

93 100

63 71.2 58.3 87.5

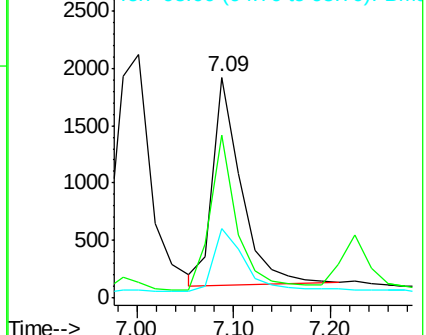
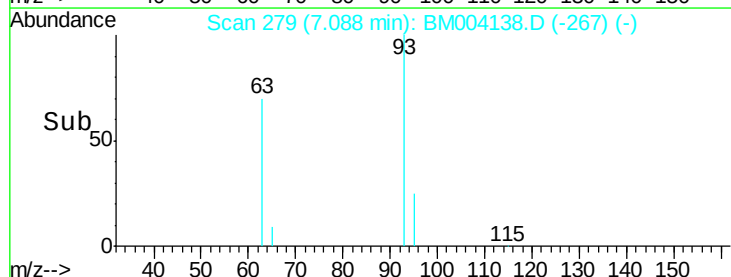
95 34.0 25.8 38.8

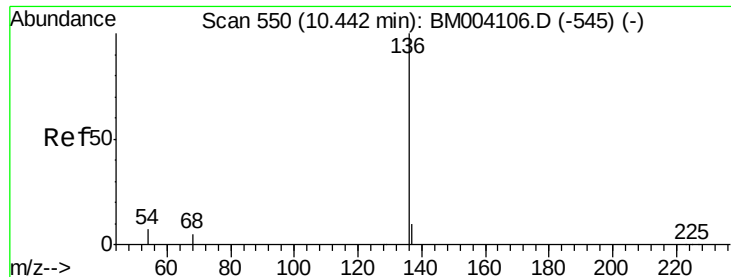


Abundance Ion 93.00 (92.70 to 93.70): BM004138.D (-267) (-)

Ion 63.00 (62.70 to 63.70): BM004138.D (-267) (-)

Ion 95.00 (94.70 to 95.70): BM004138.D (-267) (-)





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.44 min Scan# 550

Delta R.T. 0.00 min

Lab File: BM004138.D

Acq: 27 Jan 2016 17:25

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

Tgt Ion:136 Resp: 77389

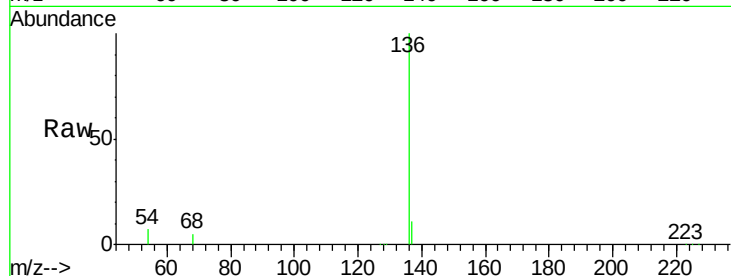
Ion Ratio Lower Upper

136 100

137 10.5 9.2 13.8

54 6.7 2.8 4.2#

68 5.2 2.5 3.7#

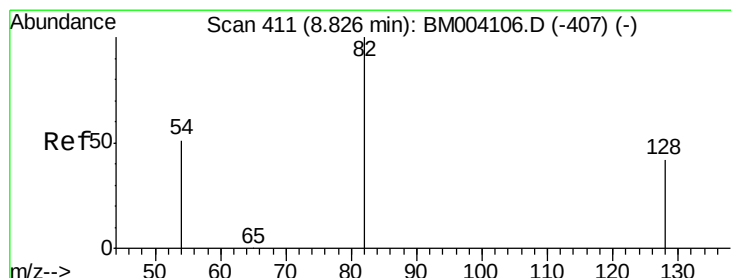
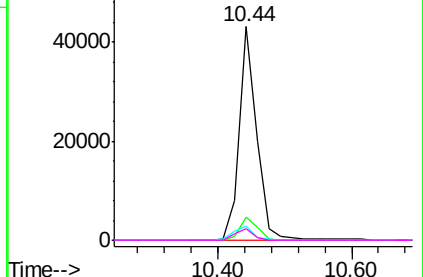
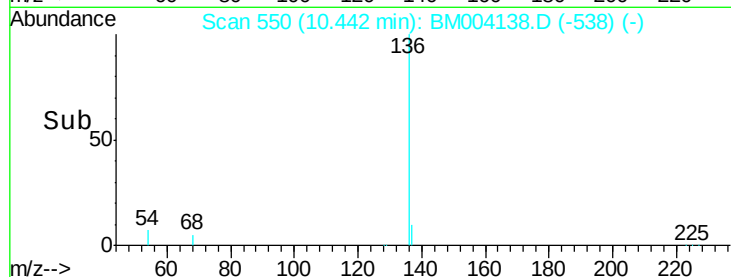


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.92 ng

RT: 8.83 min Scan# 411

Delta R.T. 0.00 min

Lab File: BM004138.D

Acq: 27 Jan 2016 17:25

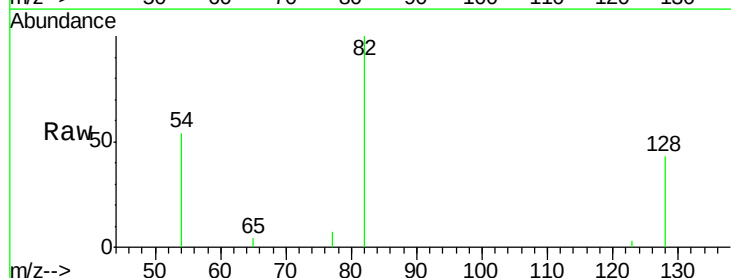
Tgt Ion: 82 Resp: 3126

Ion Ratio Lower Upper

82 100

128 42.6 39.1 58.7

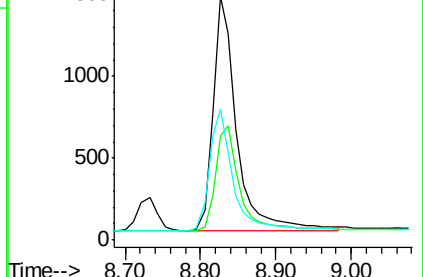
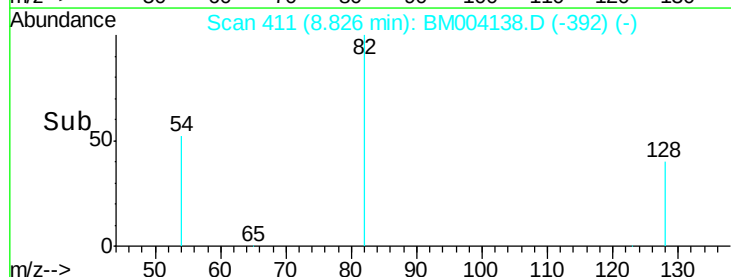
54 54.0 34.8 52.2#

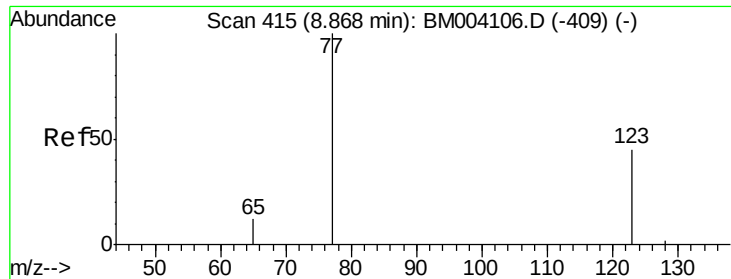


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#9

Nitrobenzene

Concen: 0.91 ng

RT: 8.87 min Scan# 415

Delta R.T. 0.00 min

Lab File: BM004138.D

Acq: 27 Jan 2016 17:25

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

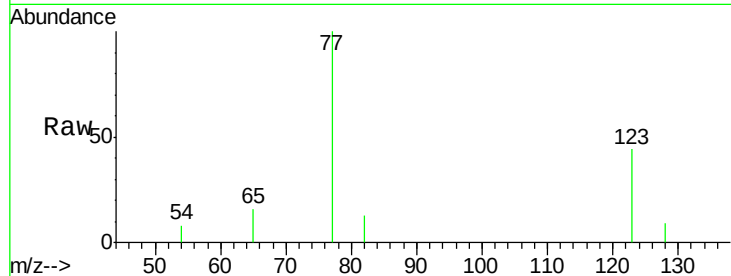
Tgt Ion: 77 Resp: 3480

Ion Ratio Lower Upper

77 100

123 48.5 38.6 57.8

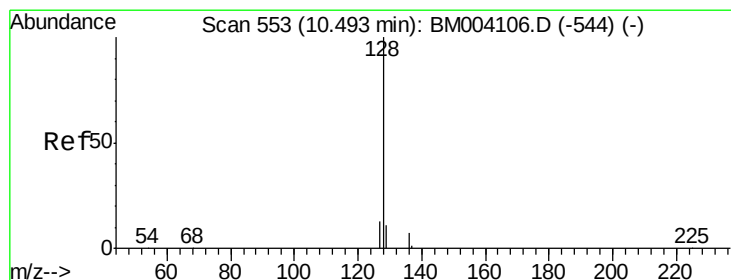
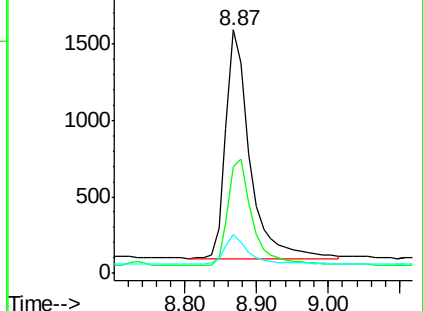
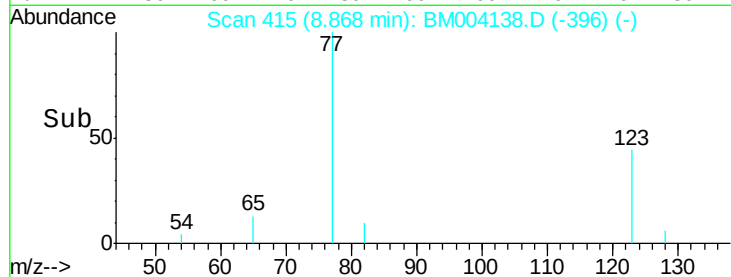
65 12.6 9.9 14.9



Abundance Ion 77.00 (76.70 to 77.70): BM004138.D (-396) (-)

Ion 123.00 (122.70 to 123.70): BM004138.D (-396) (-)

Ion 65.00 (64.70 to 65.70): BM004138.D (-396) (-)



#10

Naphthalene

Concen: 0.91 ng

RT: 10.49 min Scan# 553

Delta R.T. 0.00 min

Lab File: BM004138.D

Acq: 27 Jan 2016 17:25

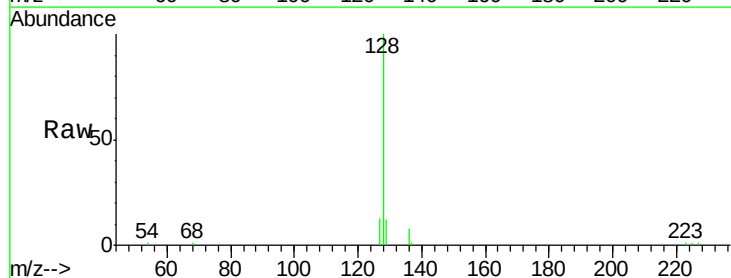
Tgt Ion: 128 Resp: 16463

Ion Ratio Lower Upper

128 100

129 11.5 8.5 12.7

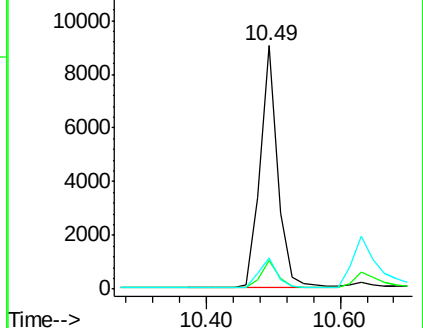
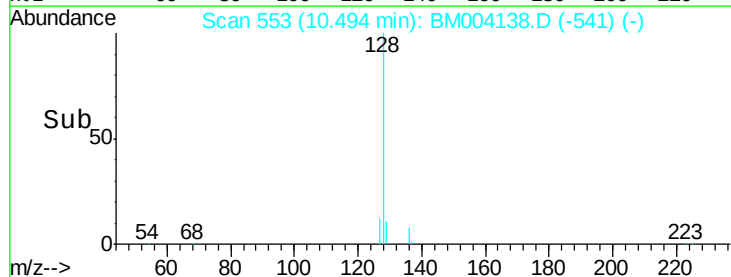
127 12.9 11.0 16.4

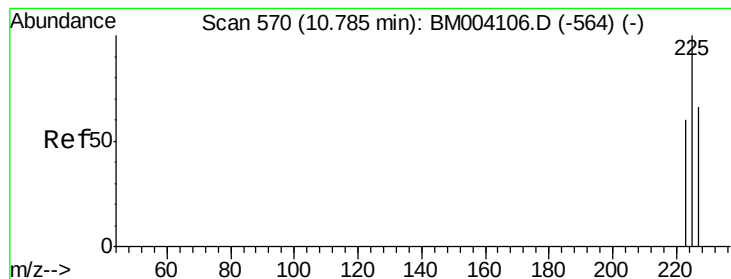


Abundance Ion 128.00 (127.70 to 128.70): BM004138.D (-541) (-)

Ion 129.00 (128.70 to 129.70): BM004138.D (-541) (-)

Ion 127.00 (126.70 to 127.70): BM004138.D (-541) (-)





#11

Hexachlorobutadiene

Concen: 0.90 ng

RT: 10.79 min Scan# 570

Delta R.T. 0.00 min

Lab File: BM004138.D

Acq: 27 Jan 2016 17:25

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

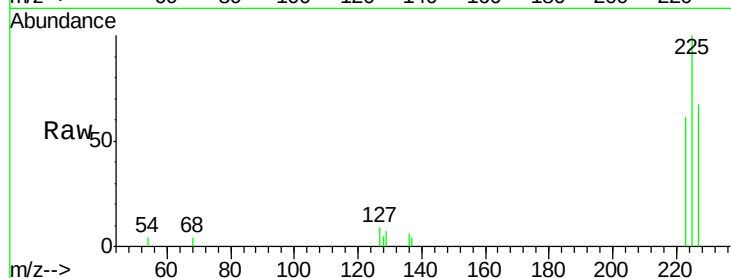
Tgt Ion:225 Resp: 2512

Ion Ratio Lower Upper

225 100

223 63.3 50.9 76.3

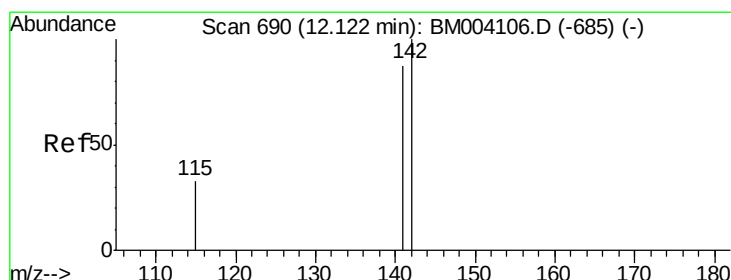
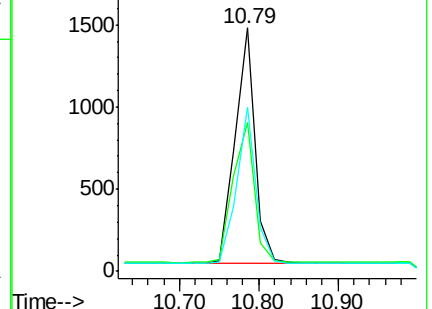
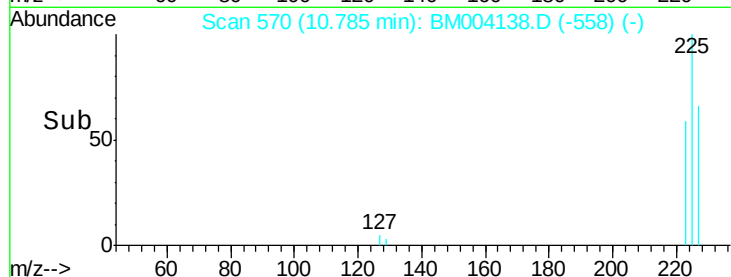
227 63.6 51.2 76.8



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#12

2-Methylnaphthalene

Concen: 0.94 ng

RT: 12.12 min Scan# 690

Delta R.T. 0.00 min

Lab File: BM004138.D

Acq: 27 Jan 2016 17:25

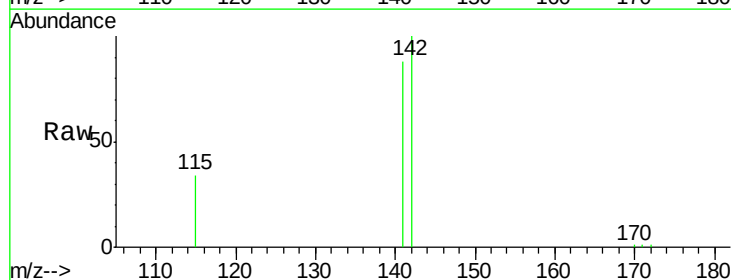
Tgt Ion:142 Resp: 11127

Ion Ratio Lower Upper

142 100

141 87.6 67.8 101.8

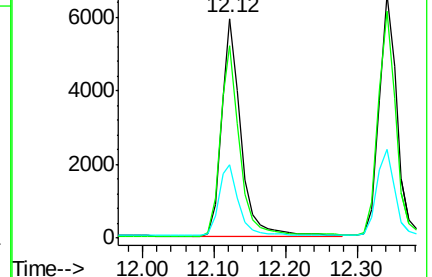
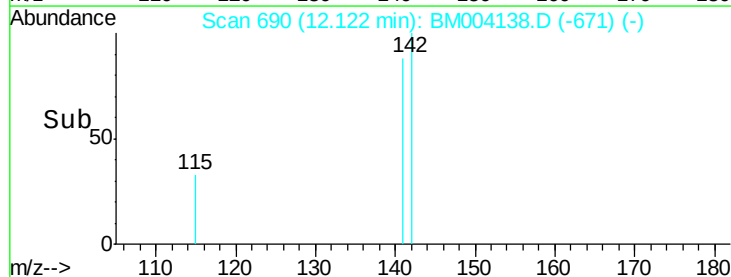
115 33.5 25.3 37.9

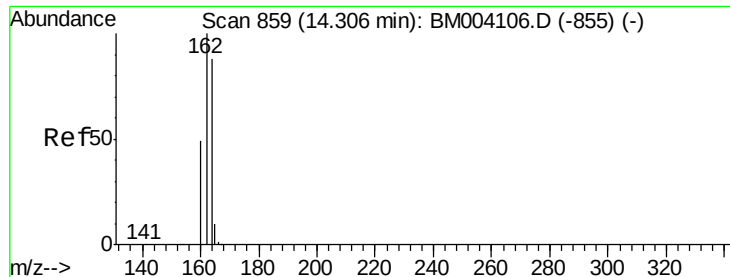


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.31 min Scan# 859

Delta R.T. 0.00 min

Lab File: BM004138.D

Acq: 27 Jan 2016 17:25

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

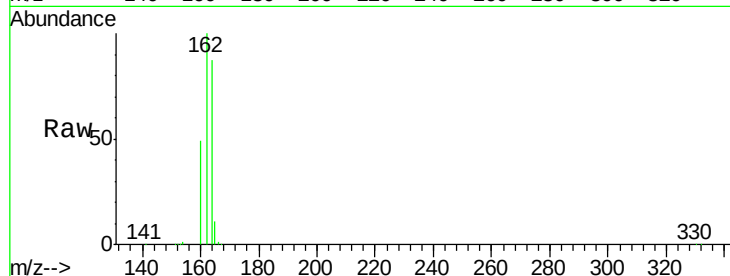
Tgt Ion:164 Resp: 49476

Ion Ratio Lower Upper

164 100

162 114.5 86.0 129.0

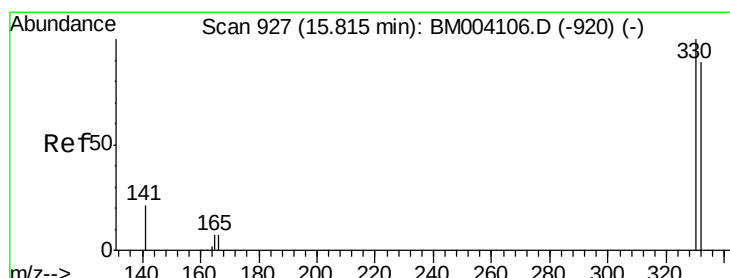
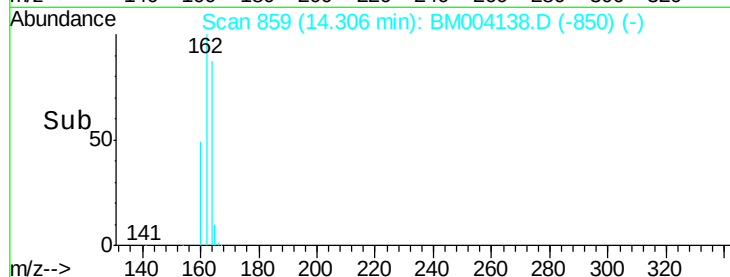
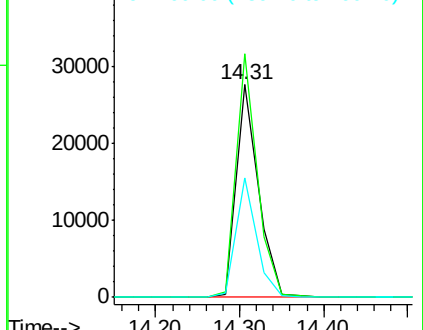
160 56.4 40.3 60.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.93 ng

RT: 15.82 min Scan# 927

Delta R.T. 0.00 min

Lab File: BM004138.D

Acq: 27 Jan 2016 17:25

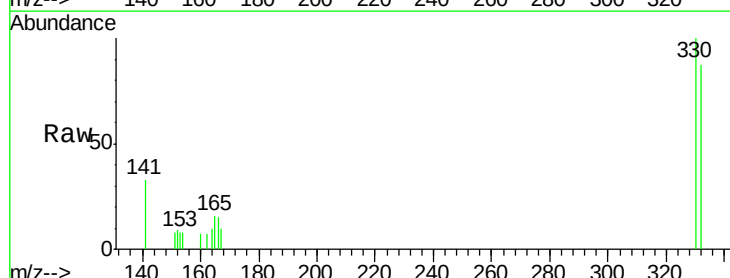
Tgt Ion:330 Resp: 1305

Ion Ratio Lower Upper

330 100

332 93.7 79.0 118.4

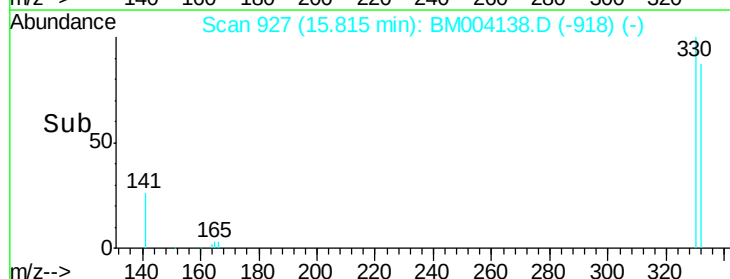
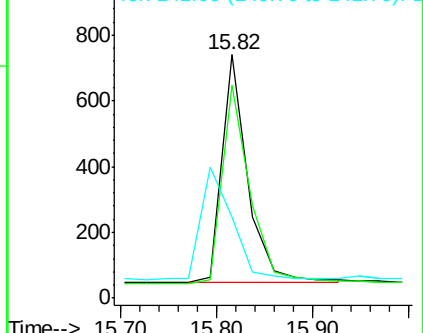
141 0.0 27.8 41.6#

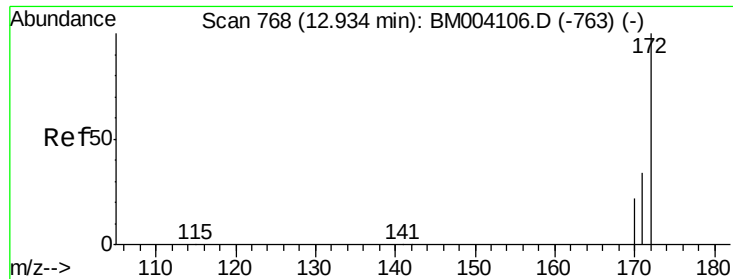


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

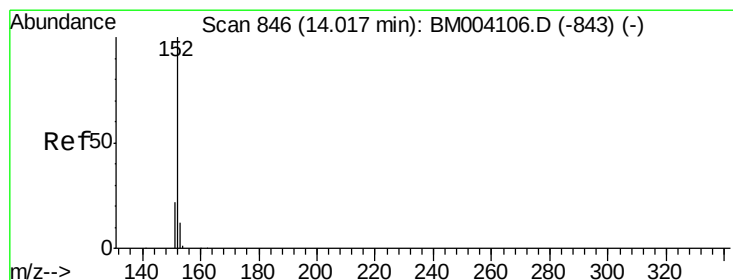
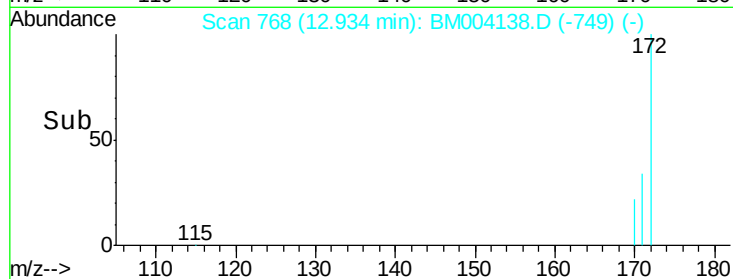
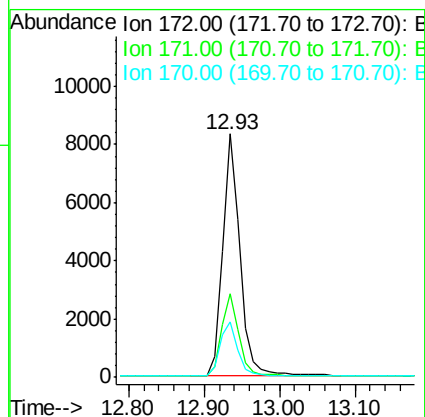
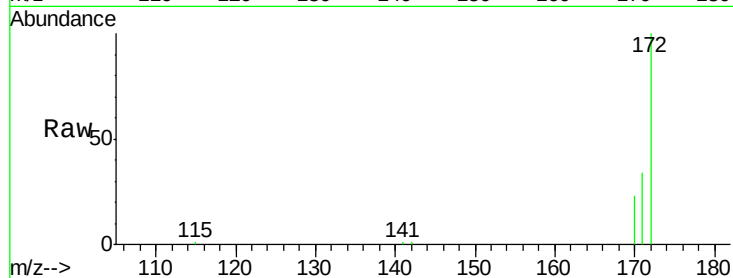




#15
2-Fluorobiphenyl
Concen: 0.89 ng
RT: 12.93 min Scan# 768
Delta R.T. 0.00 min
Lab File: BM004138.D
Acq: 27 Jan 2016 17:25

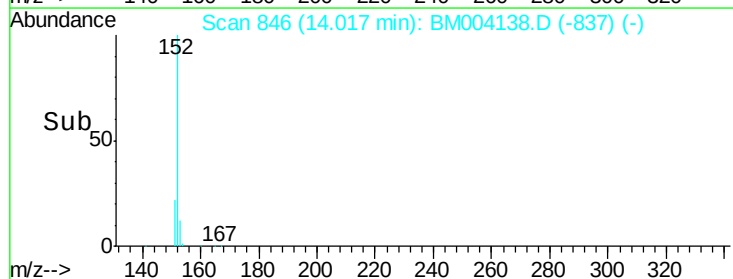
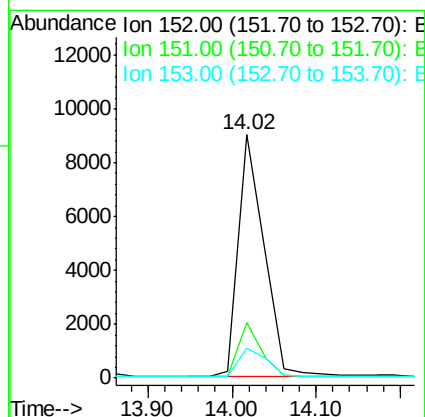
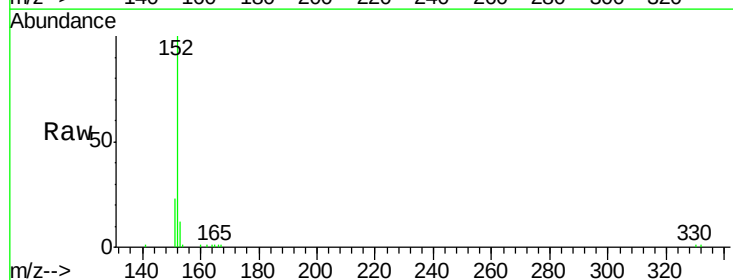
Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

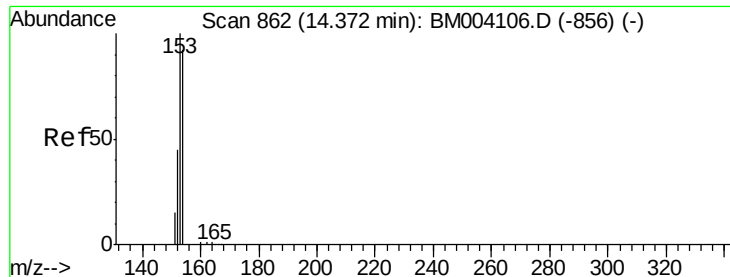
Tgt Ion:172 Resp: 13516
Ion Ratio Lower Upper
172 100
171 34.4 27.0 40.6
170 22.8 17.9 26.9



#16
Acenaphthylene
Concen: 0.89 ng
RT: 14.02 min Scan# 846
Delta R.T. 0.00 min
Lab File: BM004138.D
Acq: 27 Jan 2016 17:25

Tgt Ion:152 Resp: 18929
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.8
153 12.8 10.2 15.4





#17

Acenaphthene

Concen: 0.88 ng

RT: 14.37 min Scan# 862

Delta R.T. 0.00 min

Lab File: BM004138.D

Acq: 27 Jan 2016 17:25

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

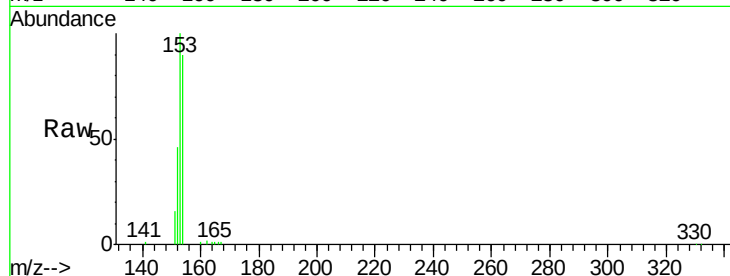
Tgt Ion:154 Resp: 14180

Ion Ratio Lower Upper

154 100

153 111.1 85.4 128.2

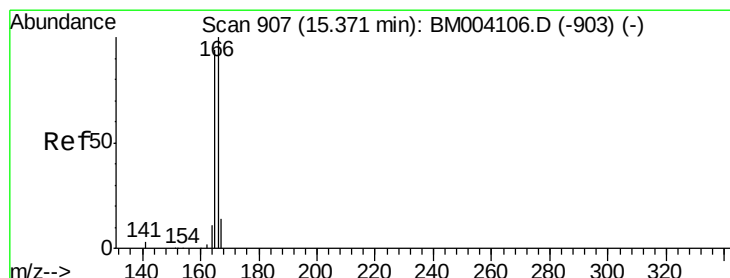
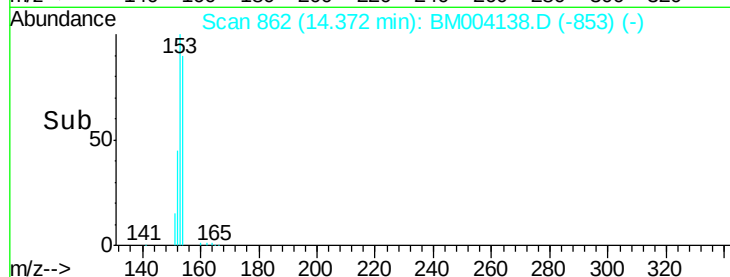
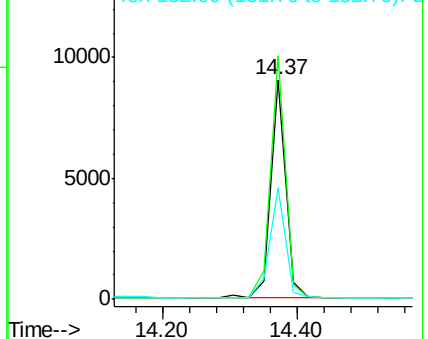
152 52.5 40.6 60.8



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



#18

Fluorene

Concen: 0.93 ng

RT: 15.37 min Scan# 907

Delta R.T. 0.00 min

Lab File: BM004138.D

Acq: 27 Jan 2016 17:25

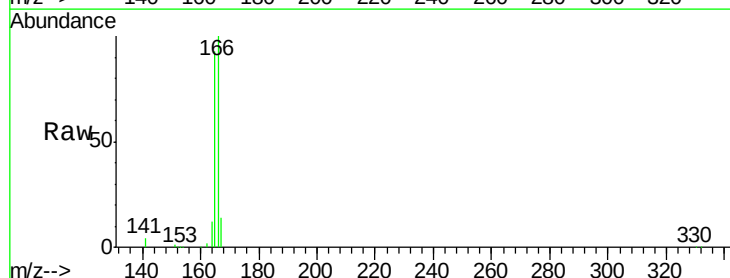
Tgt Ion:166 Resp: 18323

Ion Ratio Lower Upper

166 100

165 95.7 77.2 115.8

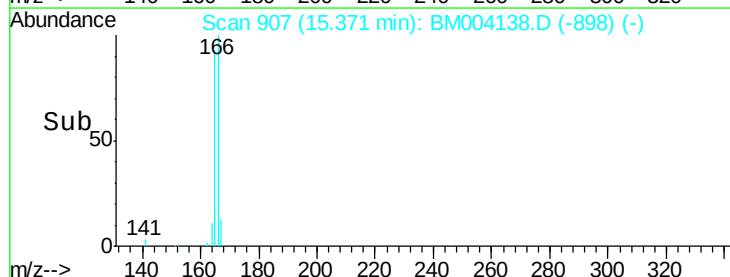
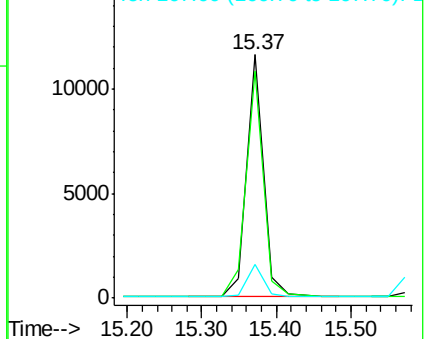
167 13.5 11.0 16.6

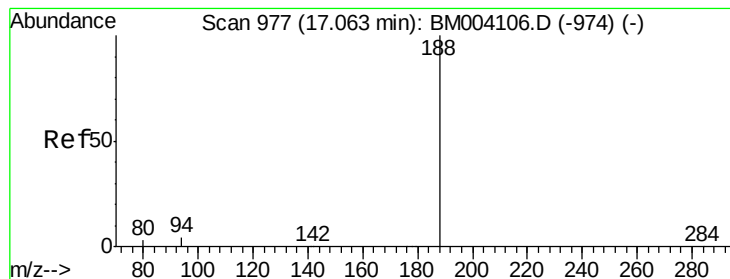


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.06 min Scan# 977

Delta R.T. 0.00 min

Lab File: BM004138.D

Acq: 27 Jan 2016 17:25

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

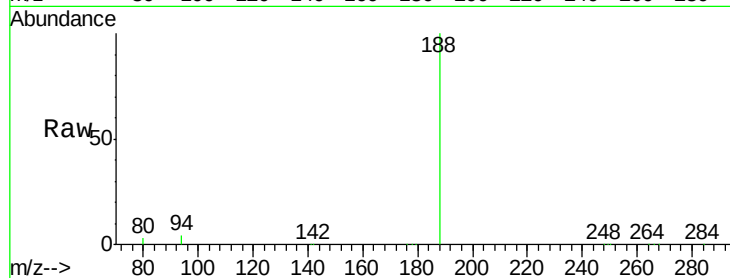
Tgt Ion:188 Resp: 144655

Ion Ratio Lower Upper

188 100

94 3.7 20.3 30.5#

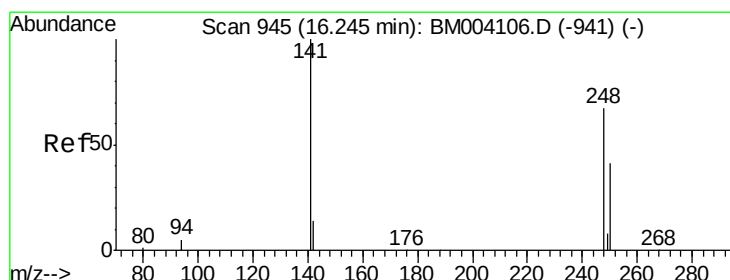
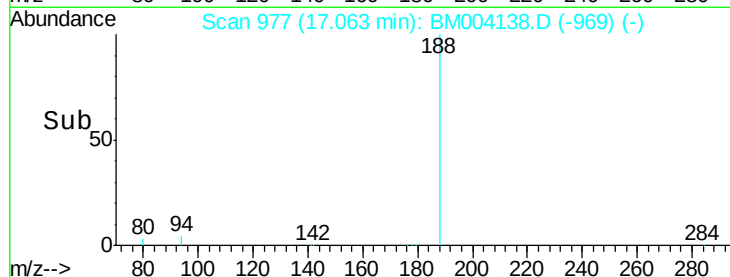
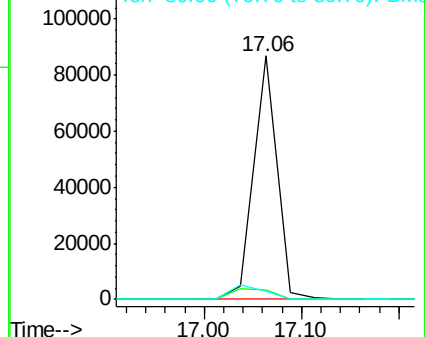
80 3.1 22.2 33.4#



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: 0.89 ng

RT: 16.24 min Scan# 945

Delta R.T. 0.00 min

Lab File: BM004138.D

Acq: 27 Jan 2016 17:25

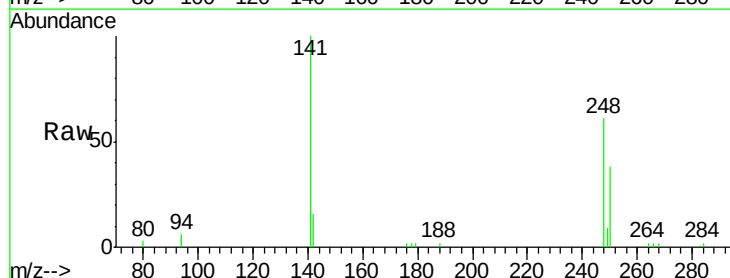
Tgt Ion:248 Resp: 4182

Ion Ratio Lower Upper

248 100

250 0.0 75.0 112.4#

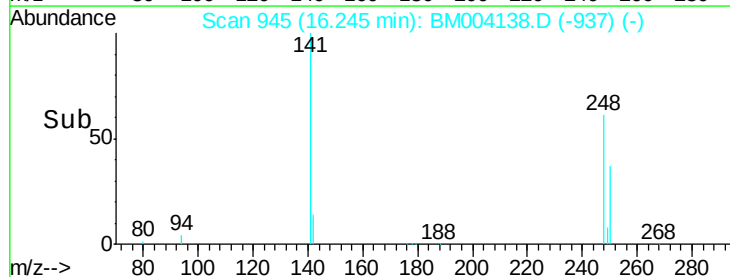
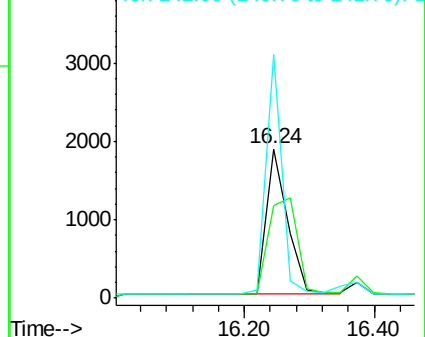
141 121.9 53.0 79.4#

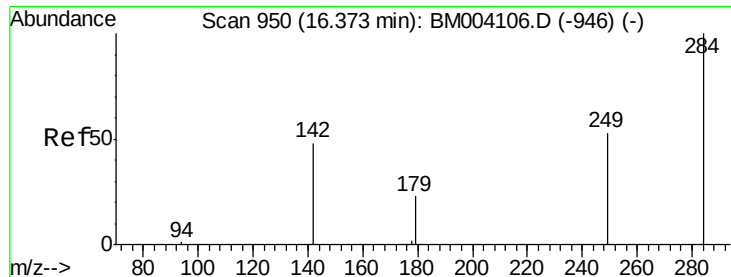


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

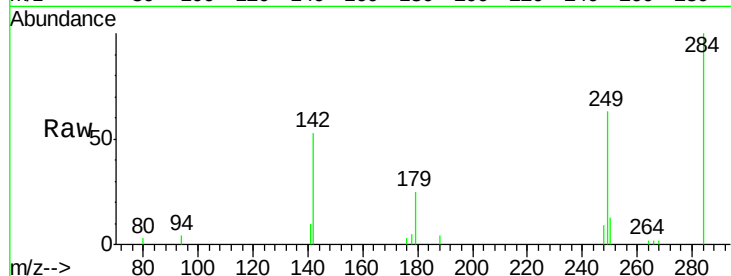




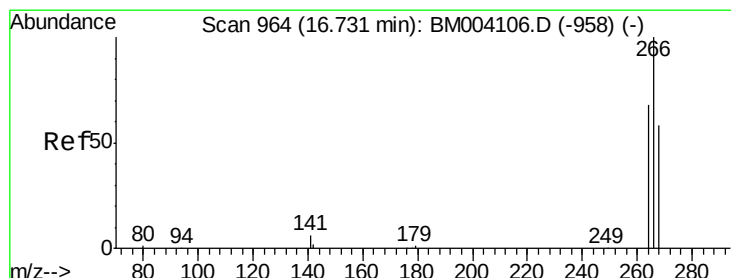
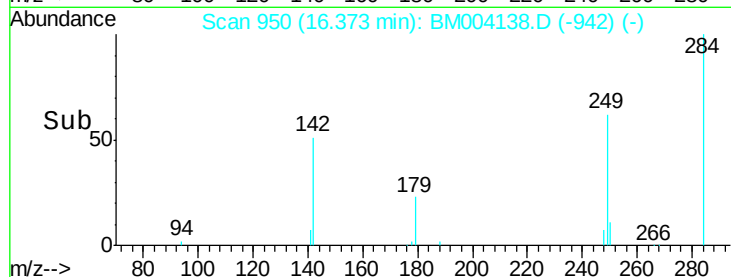
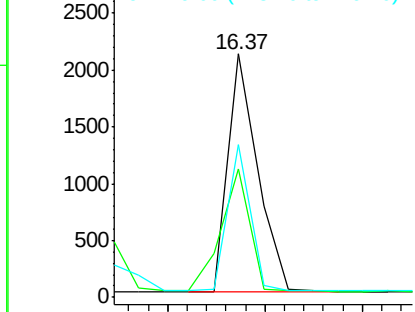
#21
Hexachlorobenzene
Concen: 0.89 ng
RT: 16.37 min Scan# 950
Delta R.T. 0.00 min
Lab File: BM004138.D
Acq: 27 Jan 2016 17:25

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:284 Resp: 4407
Ion Ratio Lower Upper
284 100
142 49.8 22.2 33.4#
249 47.6 21.5 32.3#

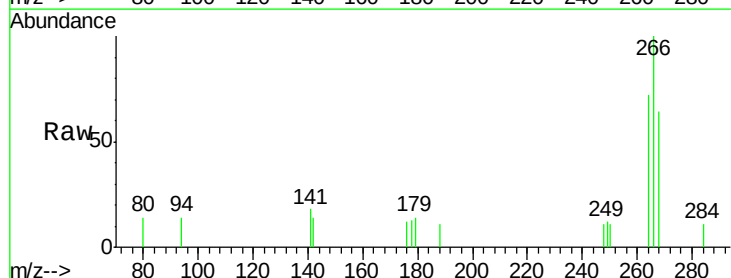


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

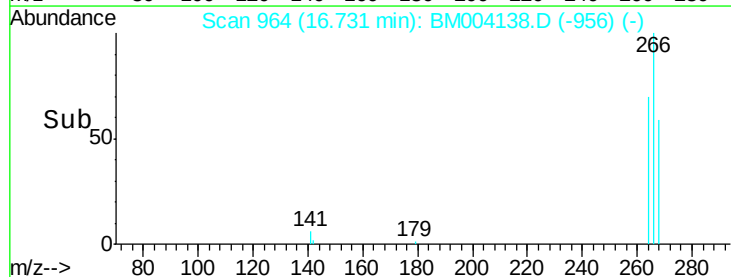
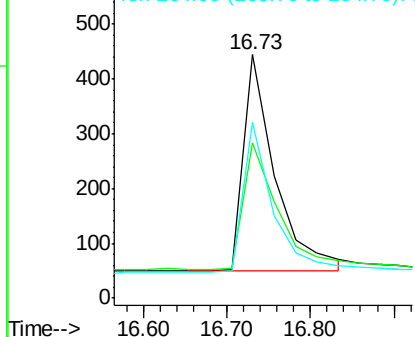


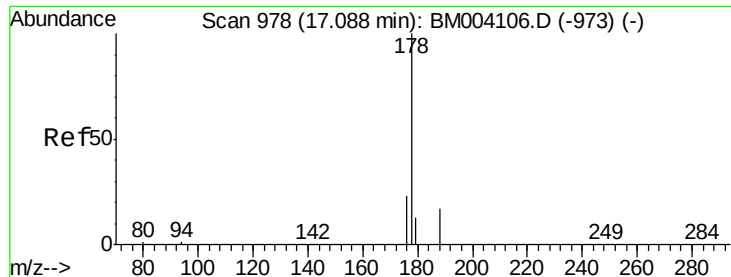
#22
Pentachlorophenol
Concen: 0.92 ng
RT: 16.73 min Scan# 964
Delta R.T. 0.00 min
Lab File: BM004138.D
Acq: 27 Jan 2016 17:25

Tgt Ion:266 Resp: 1041
Ion Ratio Lower Upper
266 100
268 64.0 62.7 94.1
264 72.3 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

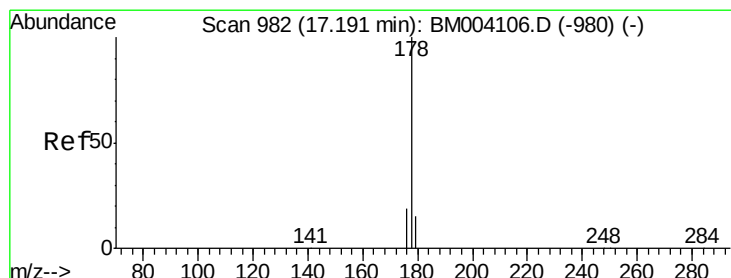
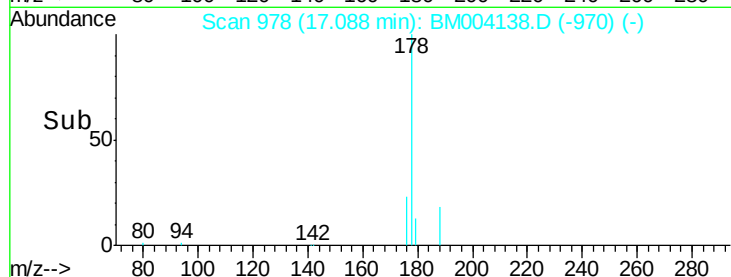
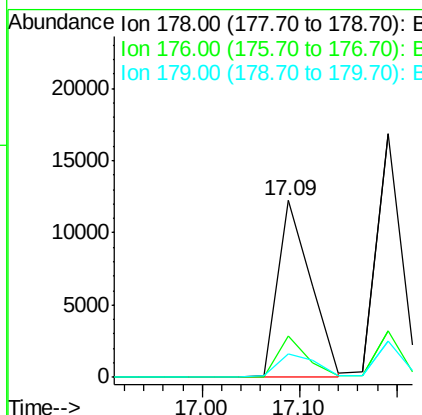
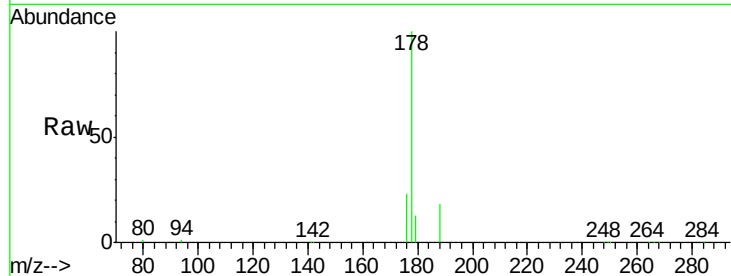




#23
Phenanthrene
Concen: 0.92 ng
RT: 17.09 min Scan# 978
Delta R.T. 0.00 min
Lab File: BM004138.D
Acq: 27 Jan 2016 17:25

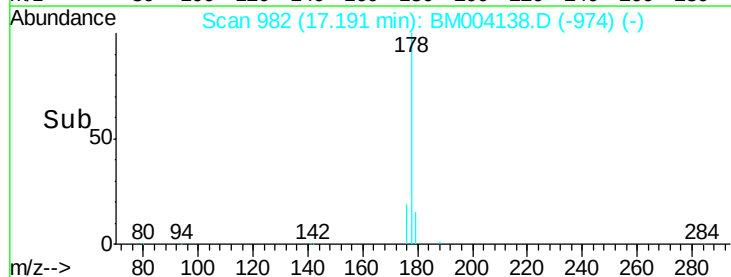
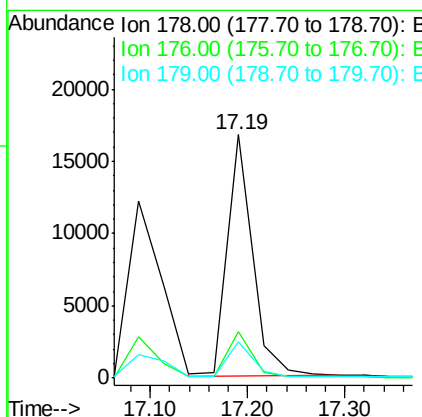
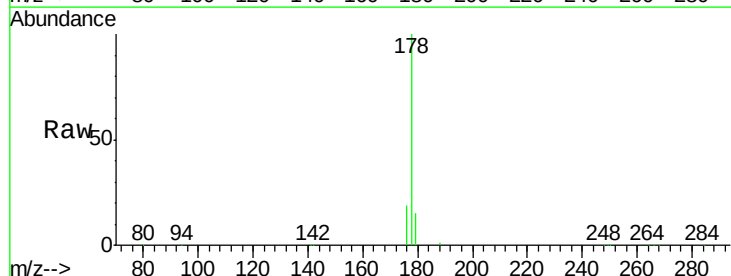
Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

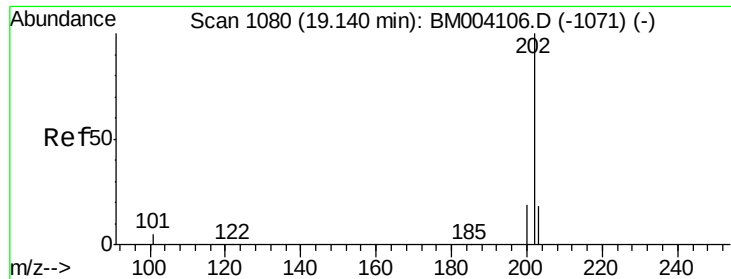
Tgt Ion:178 Resp: 28635
Ion Ratio Lower Upper
178 100
176 20.2 15.4 23.0
179 15.1 12.2 18.4



#24
Anthracene
Concen: 0.91 ng
RT: 17.19 min Scan# 982
Delta R.T. 0.00 min
Lab File: BM004138.D
Acq: 27 Jan 2016 17:25

Tgt Ion:178 Resp: 30021
Ion Ratio Lower Upper
178 100
176 18.6 14.6 21.8
179 14.8 12.6 19.0





#25

Fluoranthene

Concen: 0.94 ng

RT: 19.14 min Scan# 1080

Delta R.T. 0.00 min

Lab File: BM004138.D

Acq: 27 Jan 2016 17:25

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

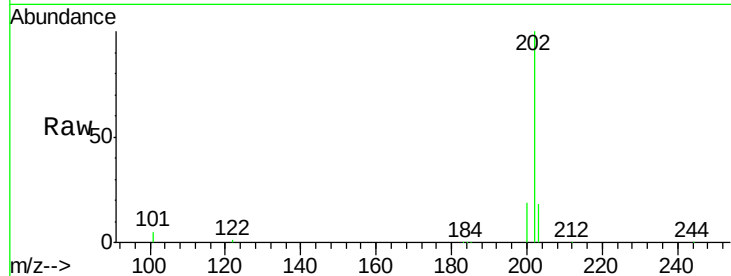
Tgt Ion:202 Resp: 36852

Ion Ratio Lower Upper

202 100

101 11.4 9.7 14.5

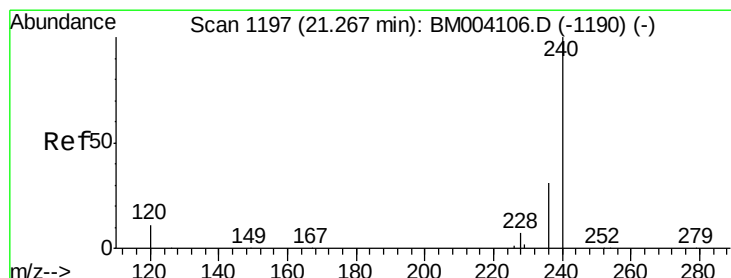
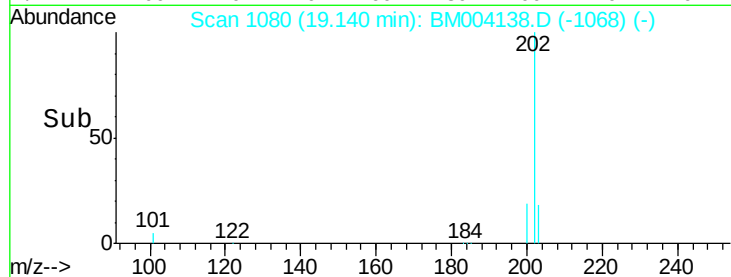
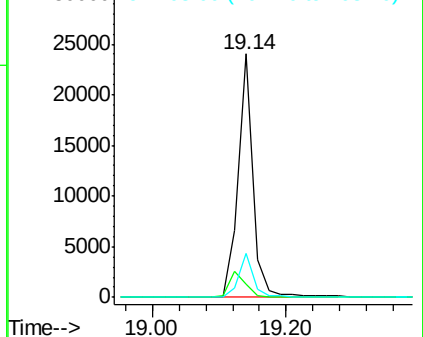
203 17.4 13.8 20.8



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: BM004138.D

Acq: 27 Jan 2016 17:25

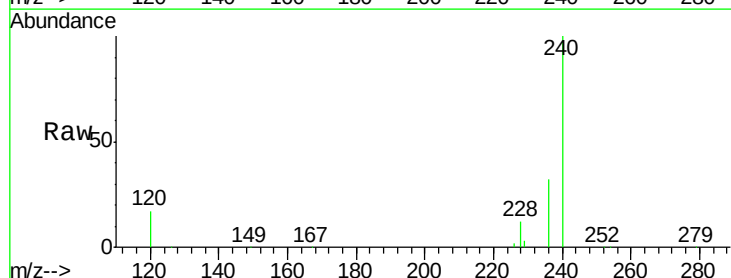
Tgt Ion:240 Resp: 145332

Ion Ratio Lower Upper

240 100

120 17.4 0.9 1.3#

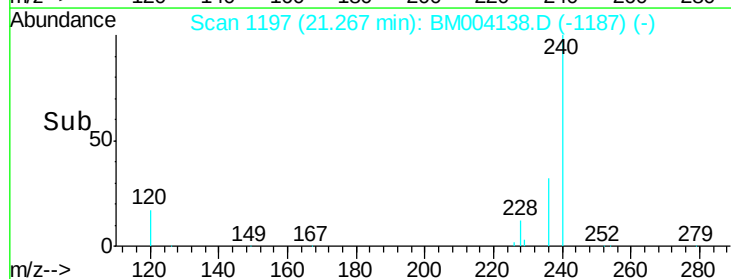
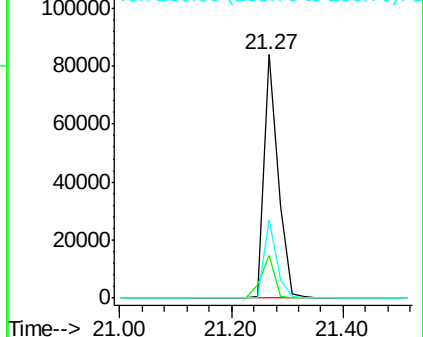
236 32.3 17.3 25.9#

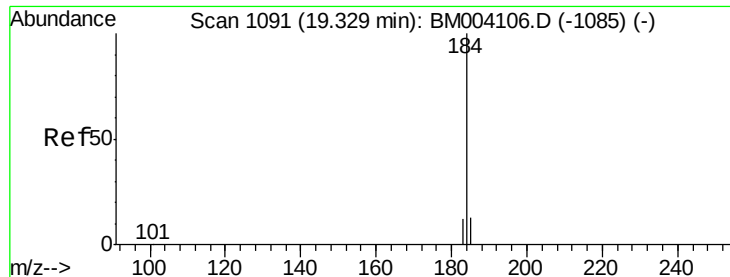


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 1.01 ng

RT: 19.35 min Scan# 1092

Delta R.T. 0.02 min

Lab File: BM004138.D

Acq: 27 Jan 2016 17:25

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

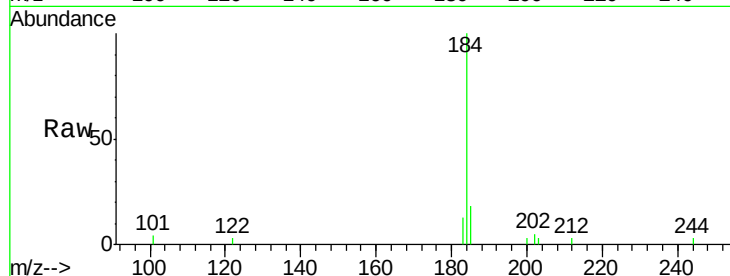
Tgt Ion:184 Resp: 6302

Ion Ratio Lower Upper

184 100

185 17.6 13.2 19.8

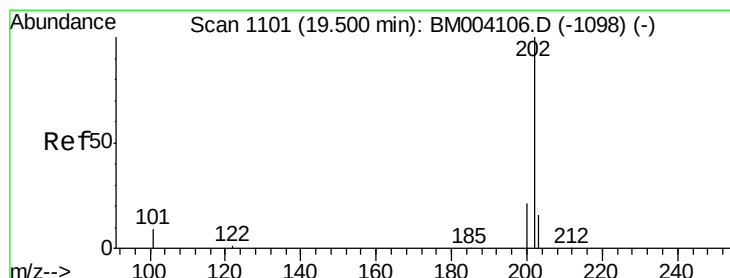
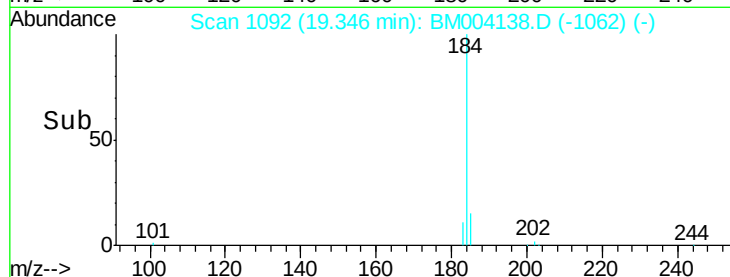
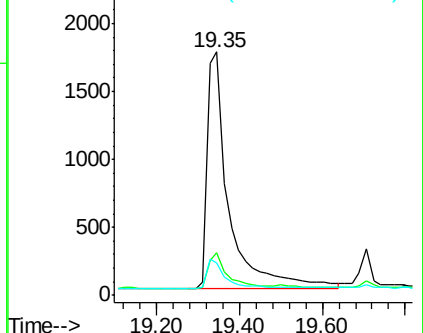
183 13.2 9.0 13.6



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: 0.95 ng

RT: 19.50 min Scan# 1101

Delta R.T. 0.00 min

Lab File: BM004138.D

Acq: 27 Jan 2016 17:25

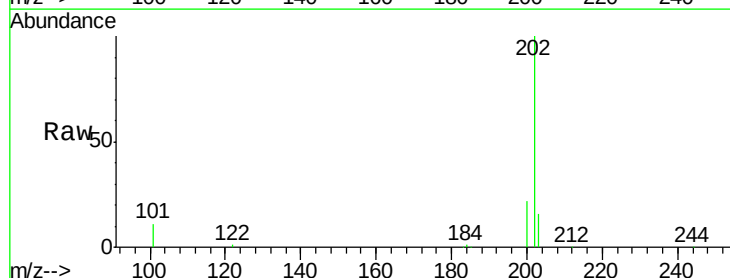
Tgt Ion:202 Resp: 38970

Ion Ratio Lower Upper

202 100

200 21.2 16.6 24.8

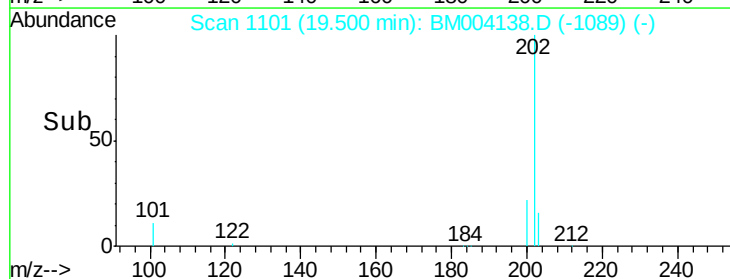
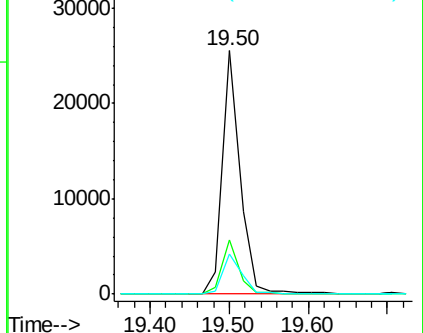
203 17.3 14.0 21.0

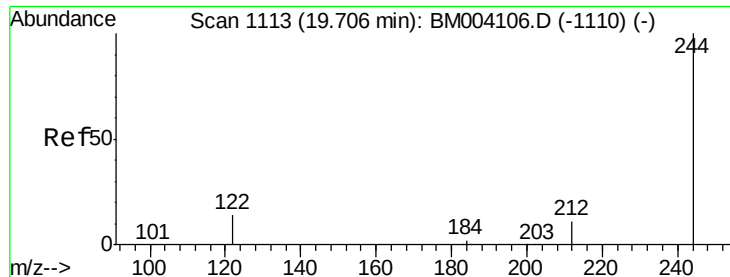


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.98 ng

RT: 19.71 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BM004138.D

Acq: 27 Jan 2016 17:25

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

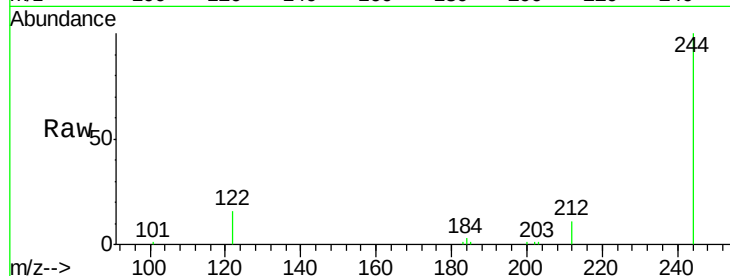
Tgt Ion:244 Resp: 18049

Ion Ratio Lower Upper

244 100

212 10.9 7.0 10.6#

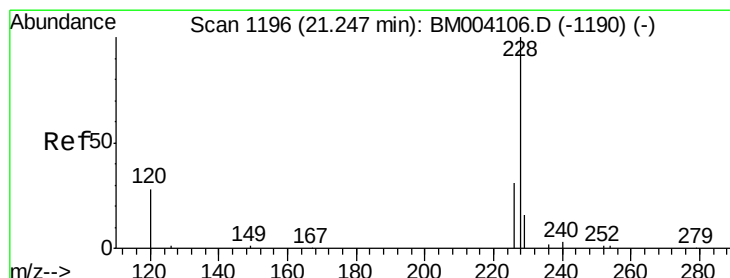
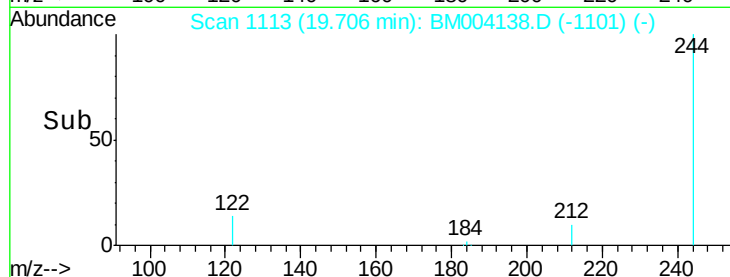
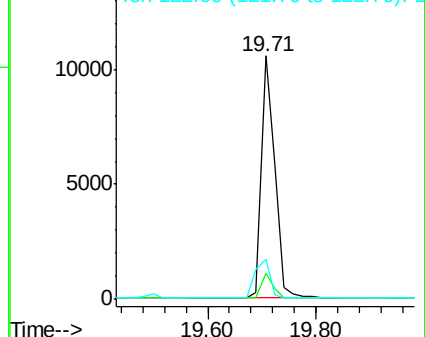
122 16.5 3.0 4.6#



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: 0.90 ng

RT: 21.25 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BM004138.D

Acq: 27 Jan 2016 17:25

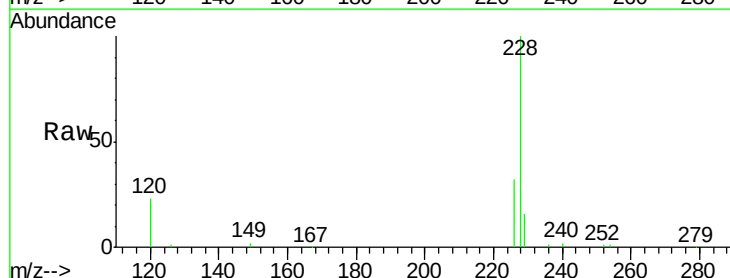
Tgt Ion:228 Resp: 40004

Ion Ratio Lower Upper

228 100

226 32.3 17.2 25.8#

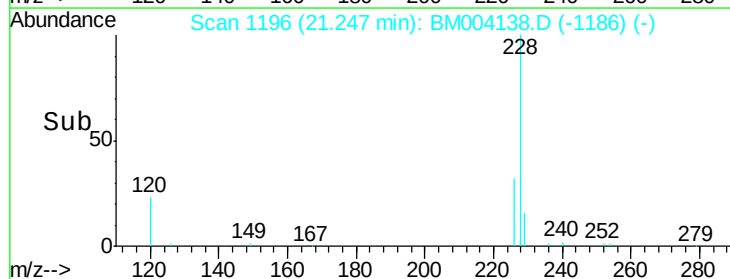
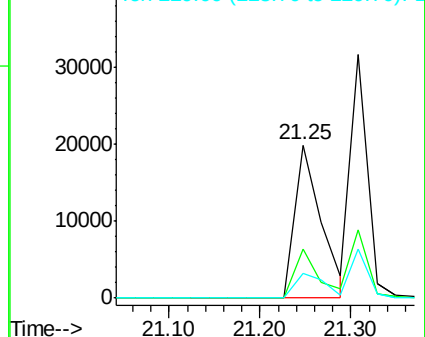
229 16.5 18.7 28.1#

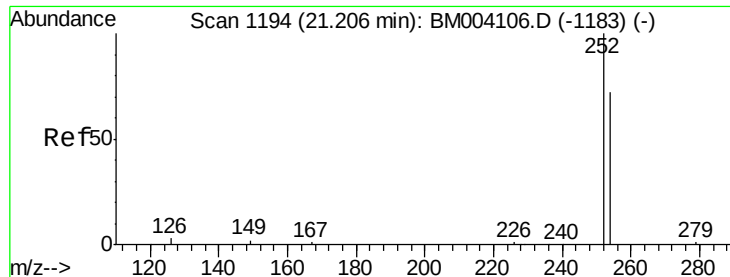


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

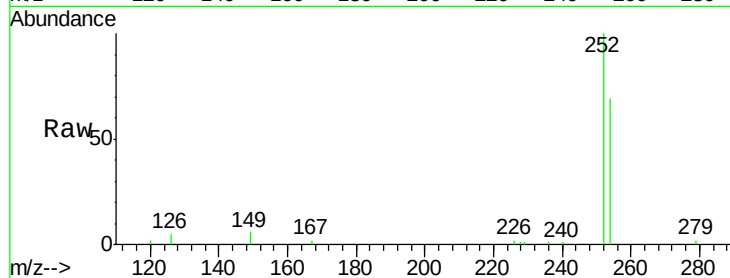




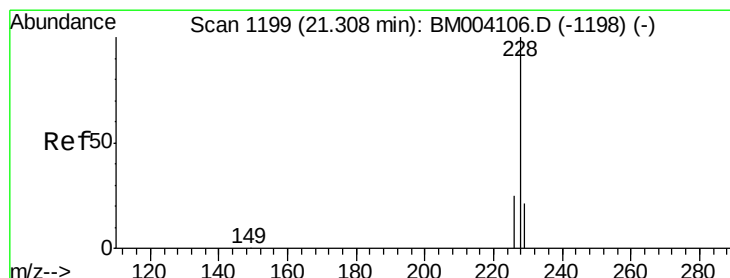
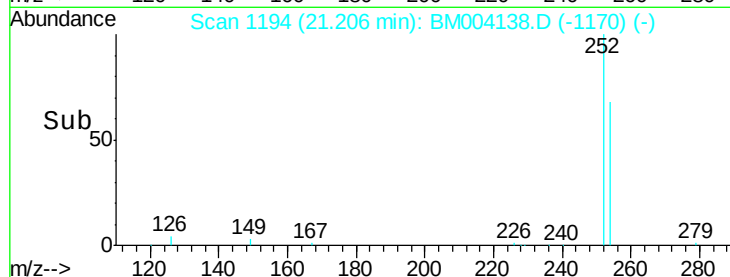
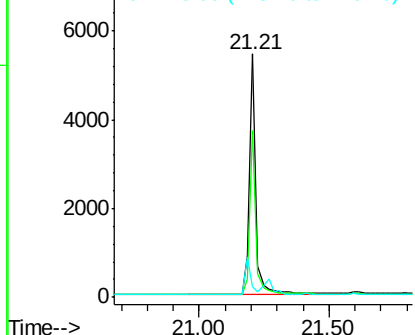
#31
 3,3'-Dichlorobenzidine
 Concen: 1.09 ng
 RT: 21.21 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BM004138.D
 Acq: 27 Jan 2016 17:25

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

Tgt Ion: 252 Resp: 9606
 Ion Ratio Lower Upper
 252 100
 254 68.7 52.6 79.0
 126 4.6 3.7 5.5

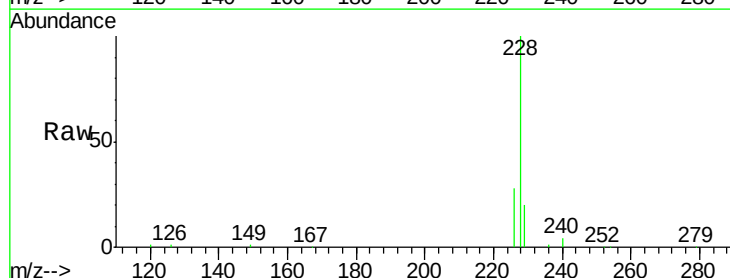


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

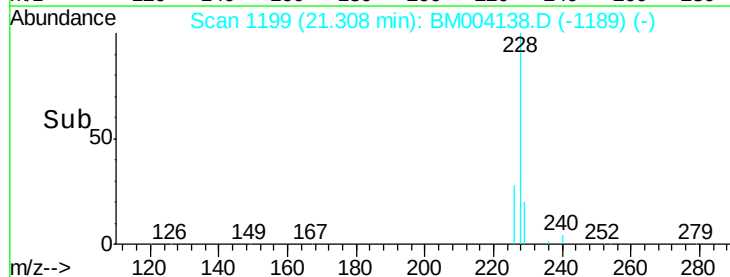
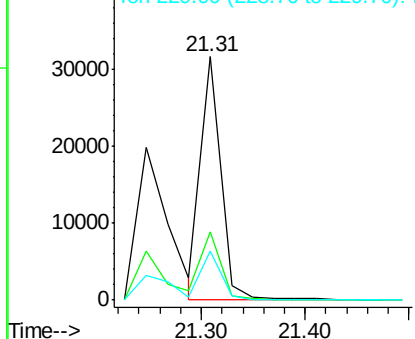


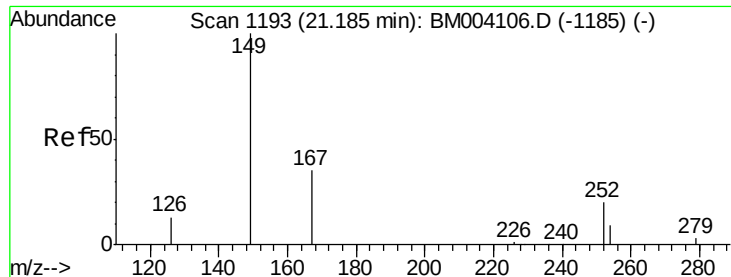
#32
 Chrysene
 Concen: 1.07 ng
 RT: 21.31 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BM004138.D
 Acq: 27 Jan 2016 17:25

Tgt Ion: 228 Resp: 41743
 Ion Ratio Lower Upper
 228 100
 226 28.1 25.3 37.9
 229 19.9 14.5 21.7



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





#33

Bis(2-ethylhexyl)phthalate

Concen: 1.09 ng

RT: 21.19 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BM004138.D

Acq: 27 Jan 2016 17:25

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

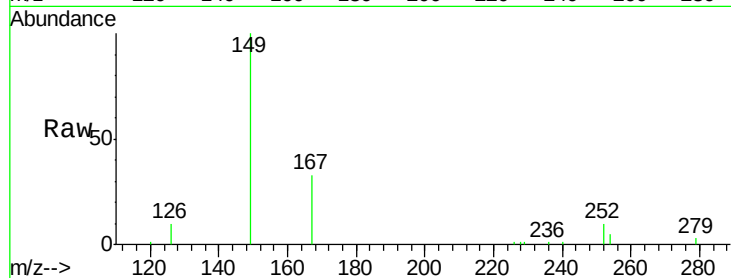
Tgt Ion:149 Resp: 15294

Ion Ratio Lower Upper

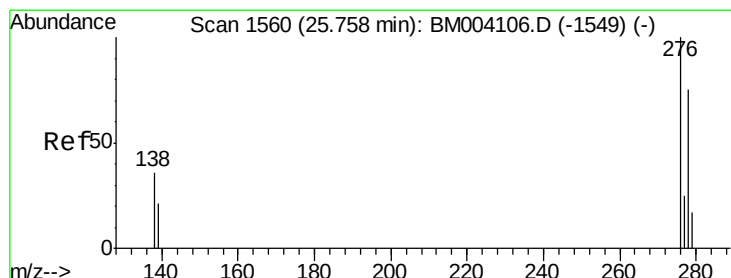
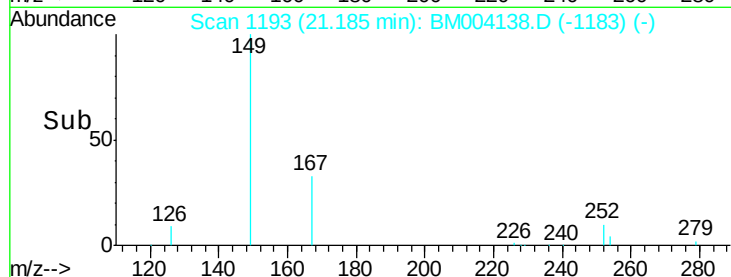
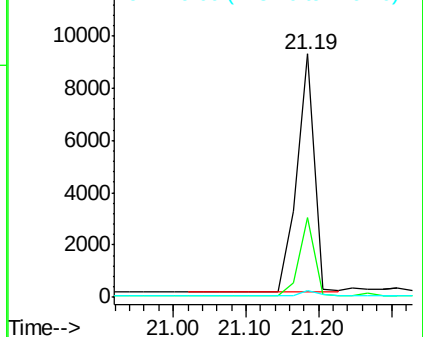
149 100

167 28.6 20.1 30.1

279 2.3 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: 0.95 ng

RT: 25.76 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BM004138.D

Acq: 27 Jan 2016 17:25

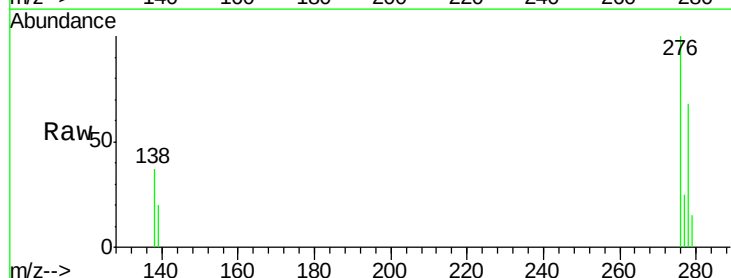
Tgt Ion:276 Resp: 40946

Ion Ratio Lower Upper

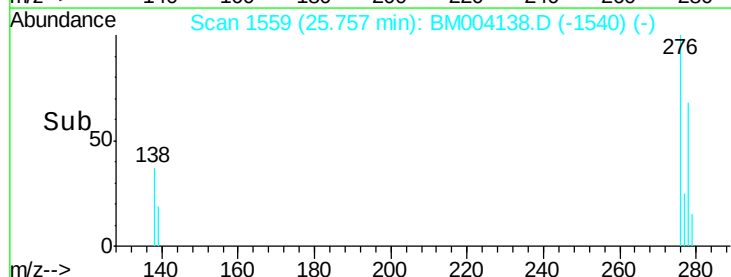
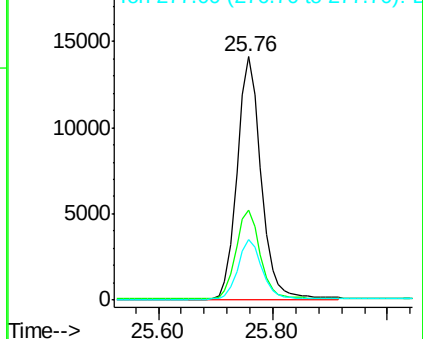
276 100

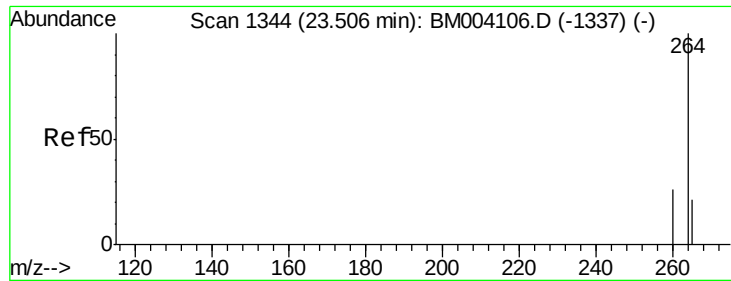
138 37.5 30.2 45.2

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

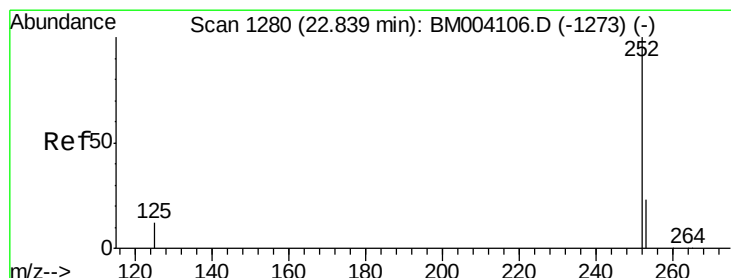
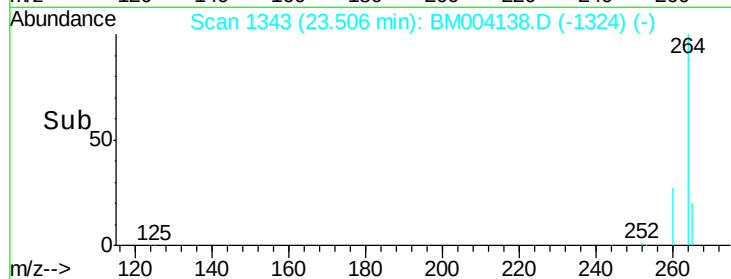
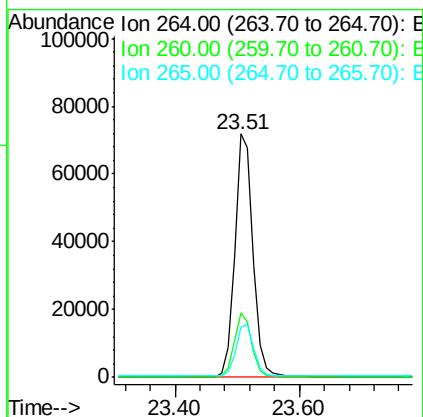
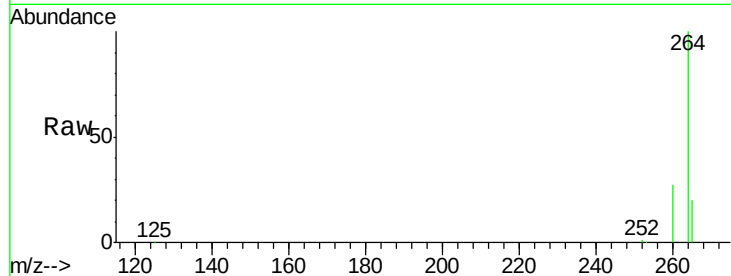




#35
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.51 min Scan# 1343
 Delta R.T. -0.00 min
 Lab File: BM004138.D
 Acq: 27 Jan 2016 17:25

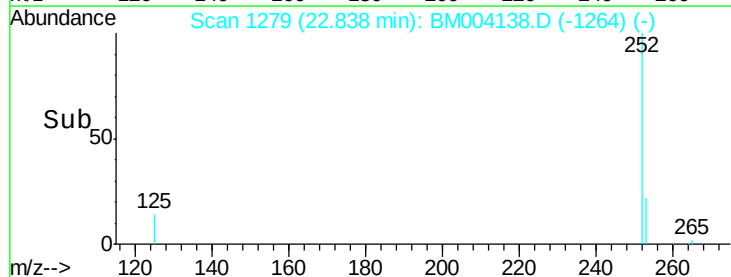
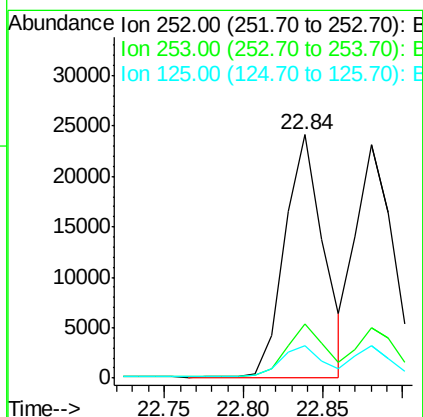
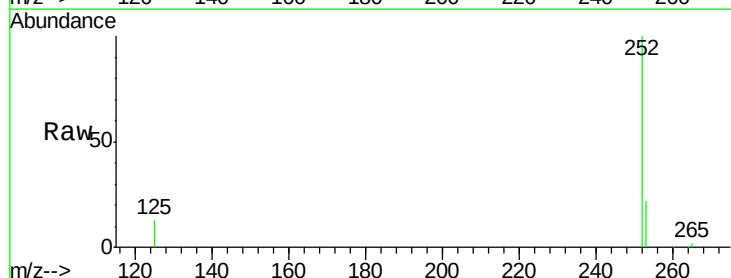
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

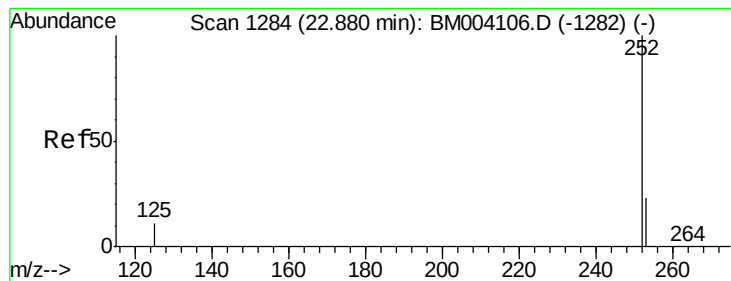
Tgt Ion: 264 Resp: 146165
 Ion Ratio Lower Upper
 264 100
 260 26.7 21.2 31.8
 265 20.4 16.7 25.1



#36
 Benzo(b)fluoranthene
 Concen: 0.90 ng
 RT: 22.84 min Scan# 1279
 Delta R.T. -0.00 min
 Lab File: BM004138.D
 Acq: 27 Jan 2016 17:25

Tgt Ion: 252 Resp: 40620
 Ion Ratio Lower Upper
 252 100
 253 22.4 18.8 28.2
 125 13.5 10.2 15.4





#37

Benzo(k)fluoranthene

Concen: 0.94 ng

RT: 22.88 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BM004138.D

Acq: 27 Jan 2016 17:25

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

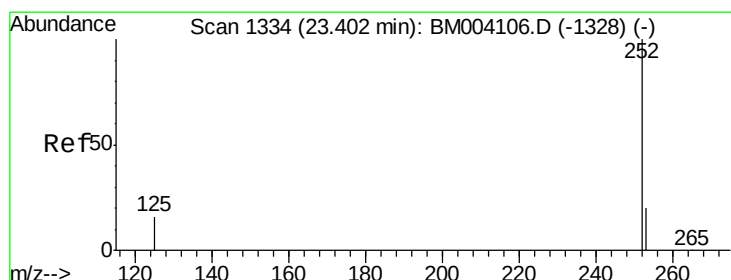
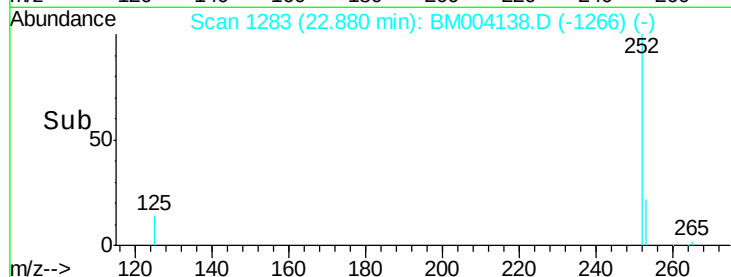
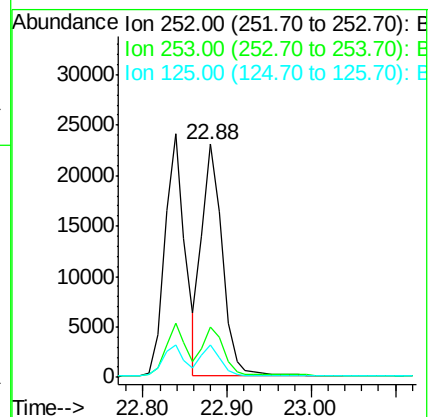
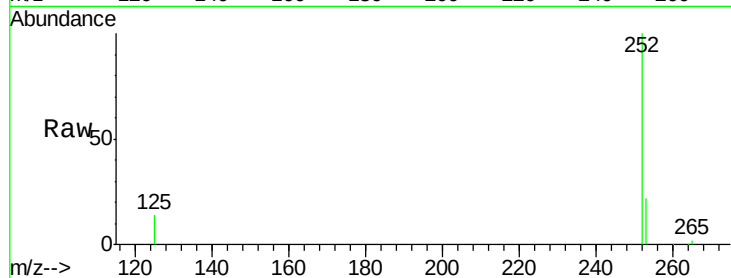
Tgt Ion:252 Resp: 38465

Ion Ratio Lower Upper

252 100

253 21.7 18.3 27.5

125 13.7 10.6 15.8



#38

Benzo(a)pyrene

Concen: 0.91 ng

RT: 23.41 min Scan# 1334

Delta R.T. 0.01 min

Lab File: BM004138.D

Acq: 27 Jan 2016 17:25

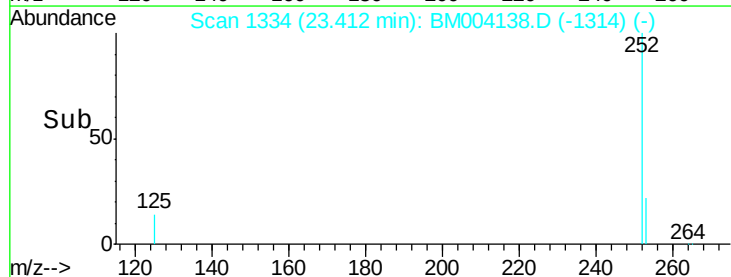
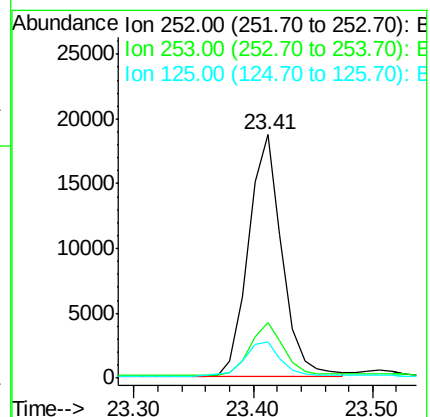
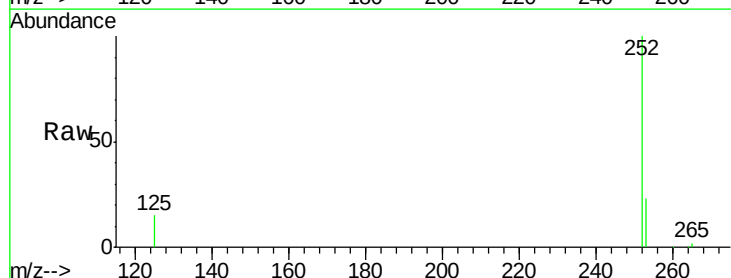
Tgt Ion:252 Resp: 36315

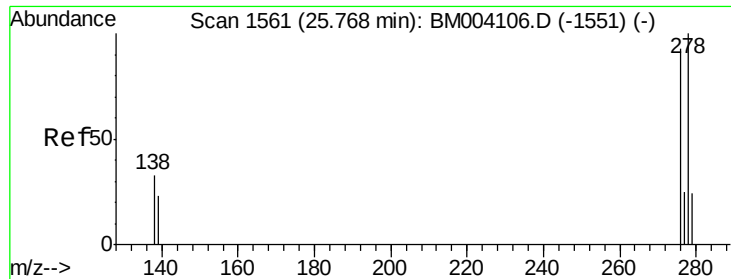
Ion Ratio Lower Upper

252 100

253 23.0 18.7 28.1

125 14.7 11.8 17.8





#39

Dibenzo(a,h)anthracene

Concen: 0.90 ng

RT: 25.77 min Scan# 1560

Delta R.T. -0.00 min

Lab File: BM004138.D

Acq: 27 Jan 2016 17:25

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

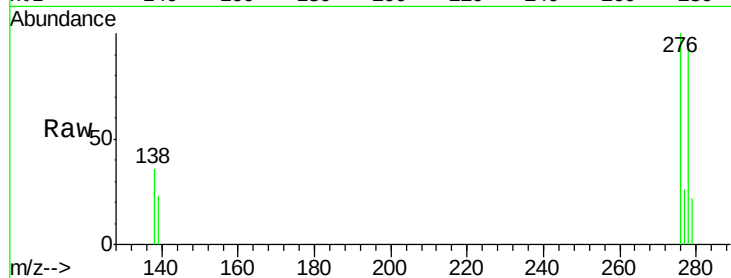
Tgt Ion: 278 Resp: 32391

Ion Ratio Lower Upper

278 100

139 24.4 19.0 28.6

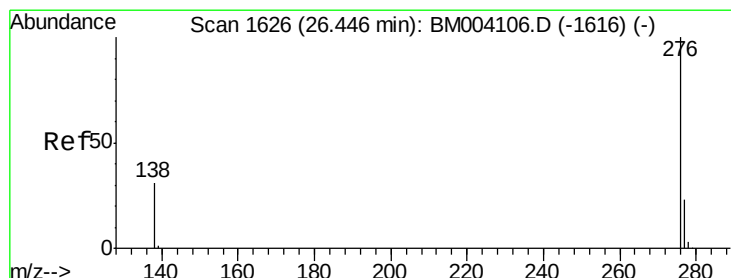
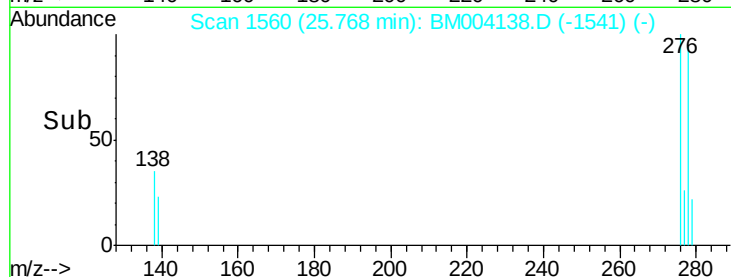
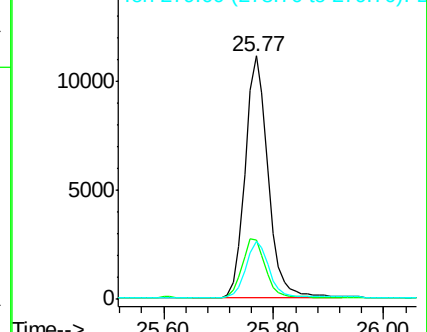
279 23.8 19.6 29.4



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: 0.90 ng

RT: 26.45 min Scan# 1625

Delta R.T. -0.00 min

Lab File: BM004138.D

Acq: 27 Jan 2016 17:25

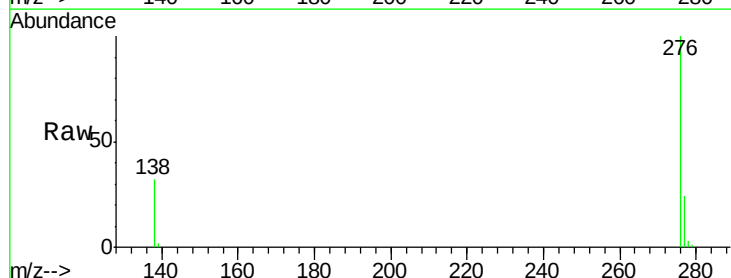
Tgt Ion: 276 Resp: 35251

Ion Ratio Lower Upper

276 100

277 23.7 19.1 28.7

138 32.4 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

