

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012216\
 Data File : BM004110.D
 Acq On : 22 Jan 2016 14:39
 Operator : SJ/UM
 Sample : SSTDICV001
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM012216

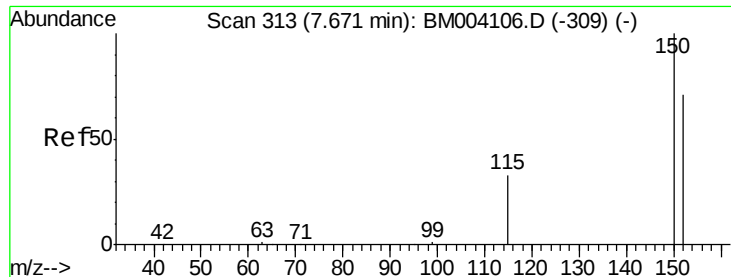
Quant Time: Jan 22 15:17:53 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM012216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 22 14:46:41 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	24818	5.00	ng	0.00
7) Naphthalene-d8	10.44	136	104510	5.00	ng	0.00
13) Acenaphthene-d10	14.31	164	61258	5.00	ng	0.00
19) Phenanthrene-d10	17.06	188	165620	5.00	ng	0.00
26) Chrysene-d12	21.27	240	168180	5.00	ng	0.00
35) Perylene-d12	23.51	264	170069	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.27	112	4542	0.88	ng	0.00
5) Phenol-d6	6.85	99	5440	0.87	ng	0.00
8) Nitrobenzene-d5	8.83	82	4136	0.90	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	1466	0.87	ng	0.00
15) 2-Fluorobiphenyl	12.93	172	16455	0.88	ng	0.00
29) Terphenyl-d14	19.71	244	20049	0.94	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.17	88	2189	0.91	ng	98
3) n-Nitrosodimethylamine	3.47	42	1987	0.90	ng	98
6) bis(2-Chloroethyl)ether	7.09	93	5080	0.88	ng	98
9) Nitrobenzene	8.87	77	4644	0.90	ng	100
10) Naphthalene	10.49	128	21516	0.88	ng	98
11) Hexachlorobutadiene	10.78	225	3360	0.89	ng	99
12) 2-Methylnaphthalene	12.12	142	14012	0.88	ng	96
16) Acenaphthylene	14.02	152	22938	0.87	ng	100
17) Acenaphthene	14.37	154	16837	0.84	ng	97
18) Fluorene	15.37	166	20893	0.86	ng	100
20) 4-Bromophenyl-phenylether	16.24	248	4964	0.92	ng	# 17
21) Hexachlorobenzene	16.37	284	5240	0.92	ng	# 62
22) Pentachlorophenol	16.73	266	1080	0.86	ng	# 82
23) Phenanthrene	17.09	178	31506	0.88	ng	98
24) Anthracene	17.19	178	34031	0.90	ng	99
25) Fluoranthene	19.14	202	40136	0.89	ng	100
27) Benzidine	19.33	184	8202	1.11	ng	# 95
28) Pyrene	19.50	202	44093	0.93	ng	99
30) Benzo(a)anthracene	21.25	228	44262	0.86	ng	# 82
31) 3,3'-Dichlorobenzidine	21.21	252	10545	1.04	ng	95
32) Chrysene	21.31	228	46373	1.02	ng	95
33) Bis(2-ethylhexyl)phthalate	21.19	149	16704	1.03	ng	94
34) Indeno(1,2,3-cd)pyrene	25.76	276	45741	0.92	ng	100
36) Benzo(b)fluoranthene	22.84	252	45365	0.86	ng	98
37) Benzo(k)fluoranthene	22.88	252	42342	0.89	ng	98
38) Benzo(a)pyrene	23.41	252	40656	0.88	ng	99
39) Dibenzo(a,h)anthracene	25.77	278	36220	0.87	ng	98
40) Benzo(g,h,i)perylene	26.44	276	38786	0.85	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.67 min Scan# 313

Delta R.T. -0.00 min

Lab File: BM004110.D

Acq: 22 Jan 2016 14:39

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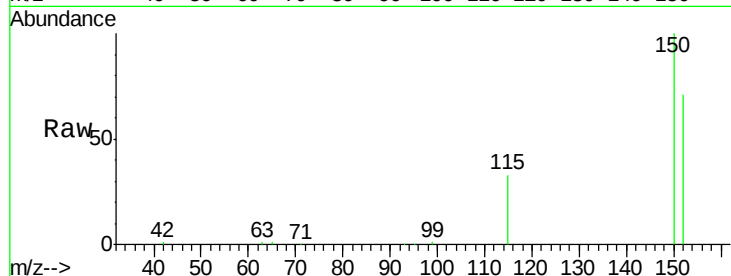
Tot Ion:152 Resp: 24818

Ion Ratio Lower Upper

152 100

150 141.7 122.9 184.3

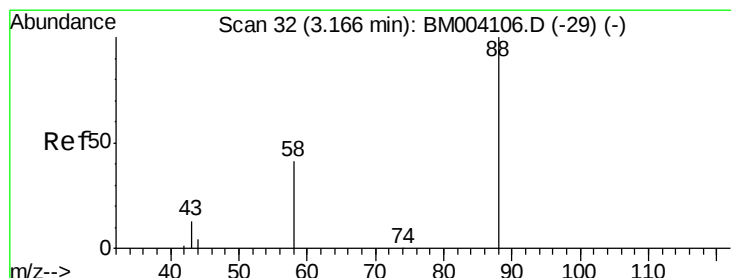
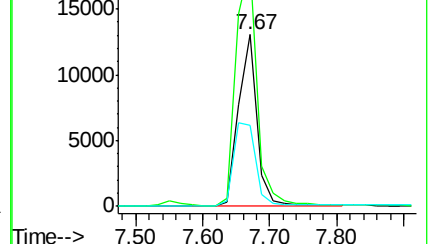
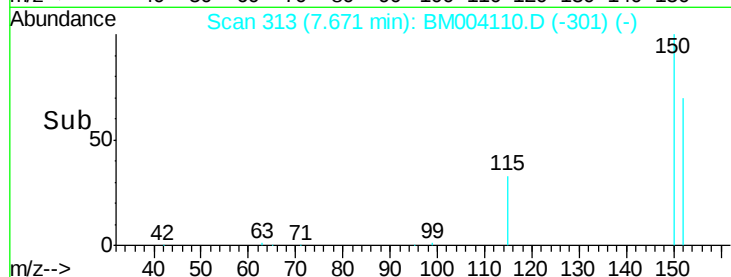
115 47.5 44.4 66.6



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: 0.91 ng

RT: 3.17 min Scan# 32

Delta R.T. -0.00 min

Lab File: BM004110.D

Acq: 22 Jan 2016 14:39

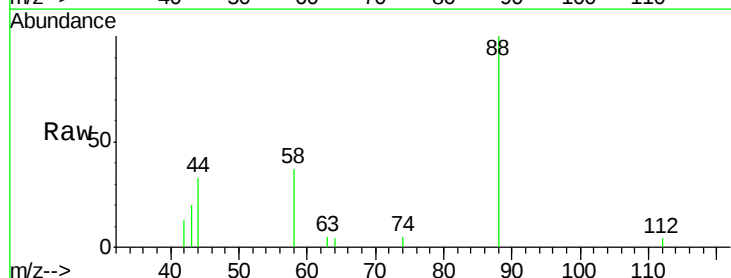
Tgt Ion: 88 Resp: 2189

Ion Ratio Lower Upper

88 100

58 68.7 53.8 80.6

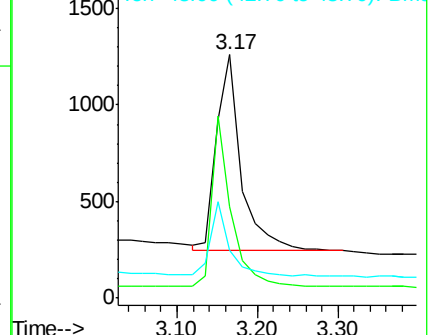
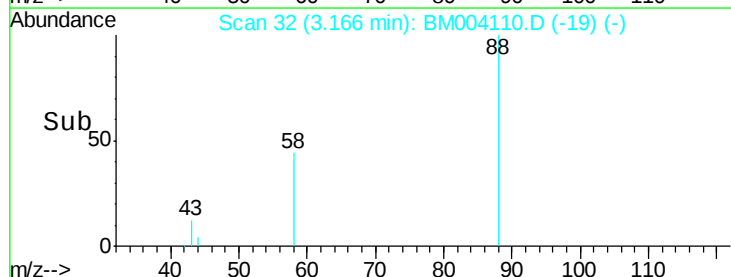
43 30.9 23.8 35.6

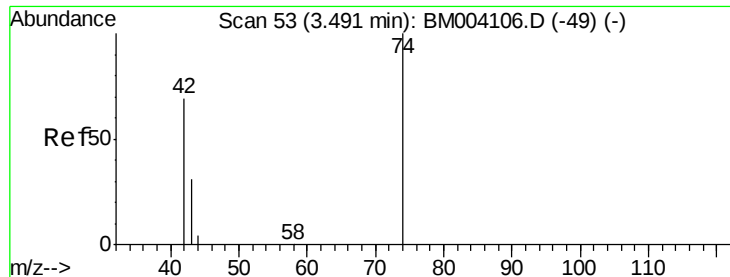


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 0.90 ng

RT: 3.47 min Scan# 52

Delta R.T. -0.02 min

Lab File: BM004110.D

Acq: 22 Jan 2016 14:39

Instrument :

BNA_M

ClientSampleId :

ICVBM012216

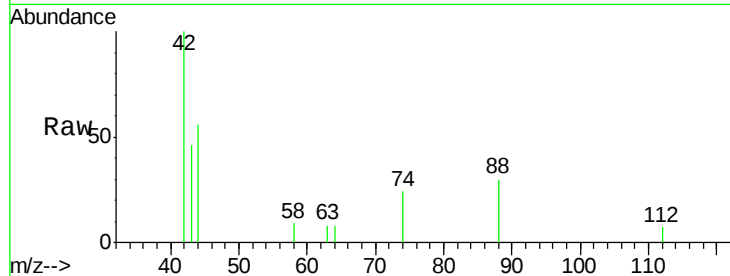
Tot Ion: 42 Resp: 1987

Ion Ratio Lower Upper

42 100

74 121.3 95.0 142.4

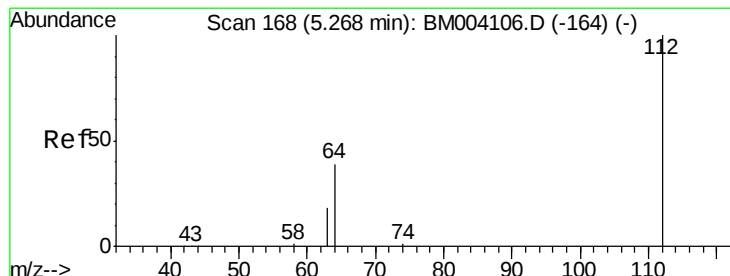
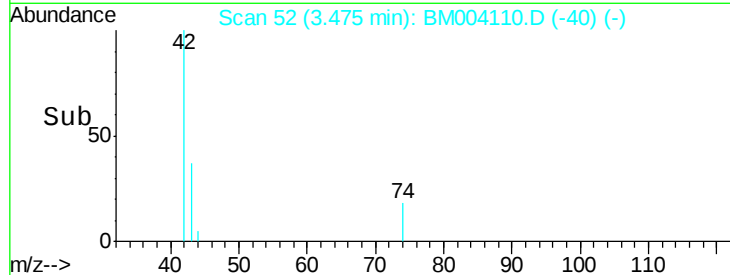
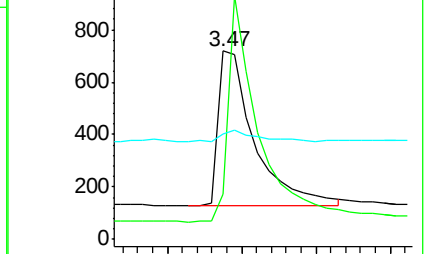
44 7.4 5.1 7.7



Abundance Ion 42.00 (41.70 to 42.70): BM004110.D (-49) (-)

Ion 74.00 (73.70 to 74.70): BM004110.D (-49) (-)

Ion 44.00 (43.70 to 44.70): BM004110.D (-49) (-)



#4

2-Fluorophenol

Concen: 0.88 ng

RT: 5.27 min Scan# 168

Delta R.T. -0.00 min

Lab File: BM004110.D

Acq: 22 Jan 2016 14:39

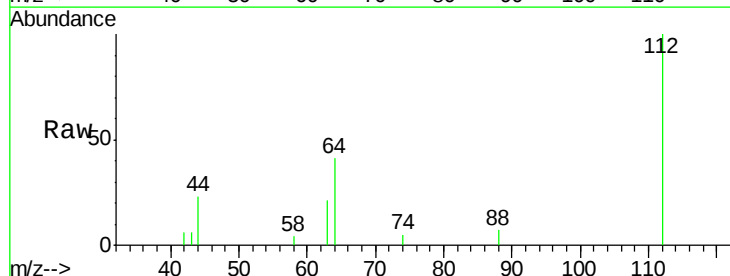
Tgt Ion: 112 Resp: 4542

Ion Ratio Lower Upper

112 100

64 52.7 41.8 62.8

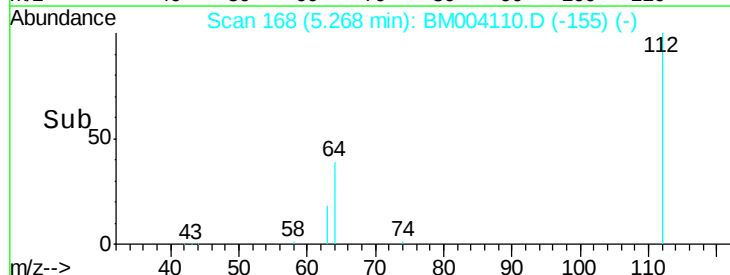
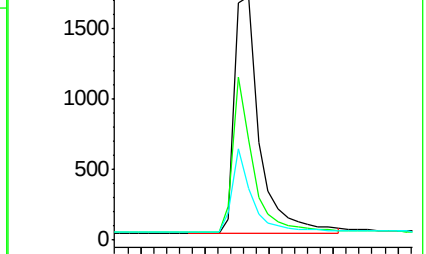
63 27.7 22.1 33.1

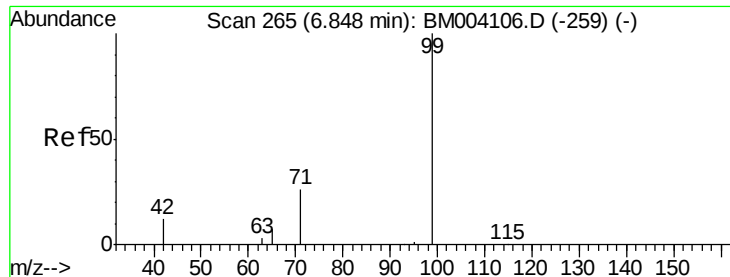


Abundance Ion 112.00 (111.70 to 112.70): BM004110.D (-155) (-)

Ion 64.00 (63.70 to 64.70): BM004110.D (-155) (-)

Ion 63.00 (62.70 to 63.70): BM004110.D (-155) (-)





#5

Phenol-d6

Concen: 0.87 ng

RT: 6.85 min Scan# 265

Delta R.T. -0.00 min

Lab File: BM004110.D

Acq: 22 Jan 2016 14:39

Instrument :

BNA_M

ClientSampleId :

ICVBM012216

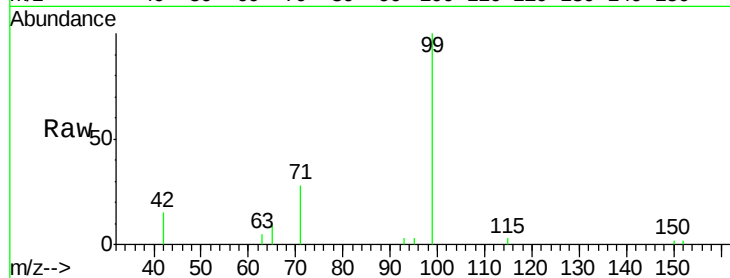
Tot Ion: 99 Resp: 5440

Ion Ratio Lower Upper

99 100

42 18.9 16.2 24.2

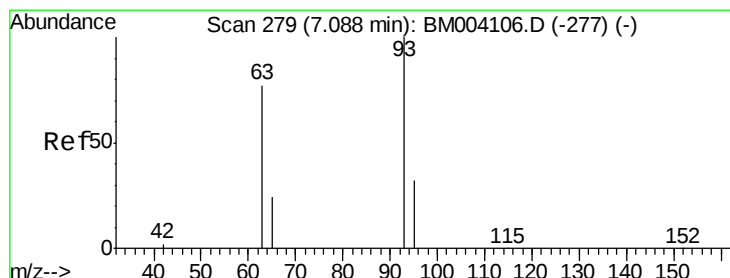
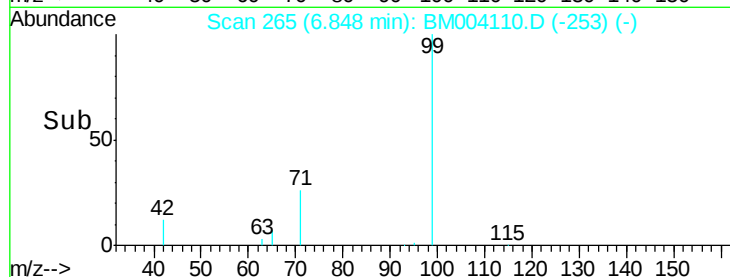
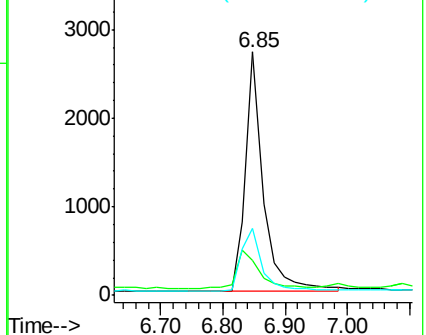
71 30.5 24.4 36.6



Abundance Ion 99.00 (98.70 to 99.70): BM004110.D (-253) (-)

Ion 42.00 (41.70 to 42.70): BM004110.D (-253) (-)

Ion 71.00 (70.70 to 71.70): BM004110.D (-253) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.88 ng

RT: 7.09 min Scan# 279

Delta R.T. -0.00 min

Lab File: BM004110.D

Acq: 22 Jan 2016 14:39

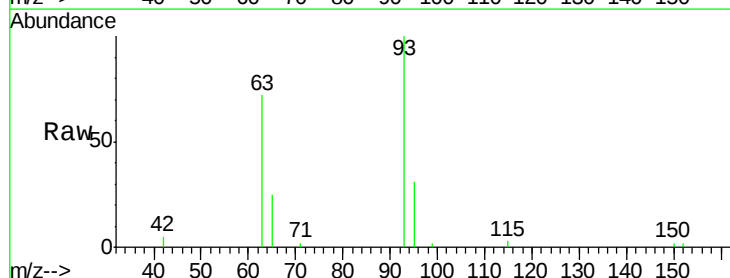
Tgt Ion: 93 Resp: 5080

Ion Ratio Lower Upper

93 100

63 71.5 58.3 87.5

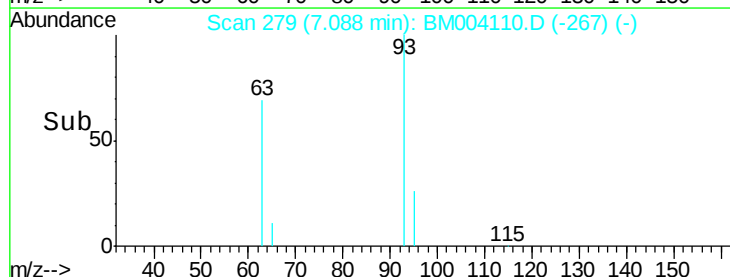
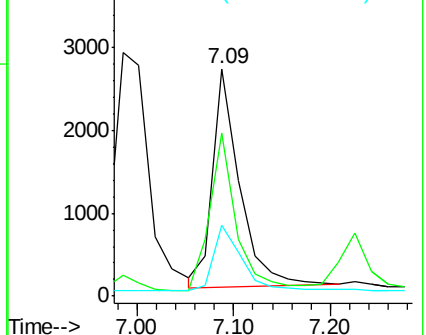
95 33.5 25.8 38.8

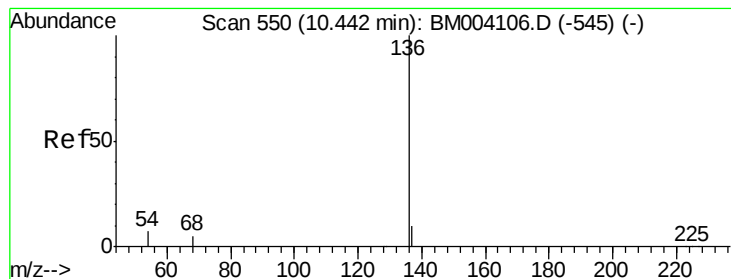


Abundance Ion 93.00 (92.70 to 93.70): BM004110.D (-267) (-)

Ion 63.00 (62.70 to 63.70): BM004110.D (-267) (-)

Ion 95.00 (94.70 to 95.70): BM004110.D (-267) (-)





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.44 min Scan# 550

Delta R.T. -0.00 min

Lab File: BM004110.D

Acq: 22 Jan 2016 14:39

Instrument :

BNA_M

ClientSampleId :

ICVBM012216

Tot Ion:136 Resp: 104510

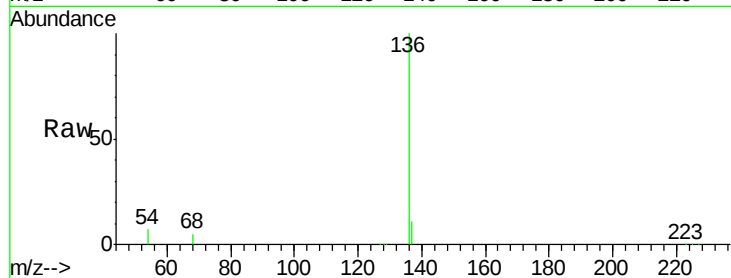
Ion Ratio Lower Upper

136 100

137 10.5 9.2 13.8

54 7.1 2.8 4.2#

68 5.4 2.5 3.7#

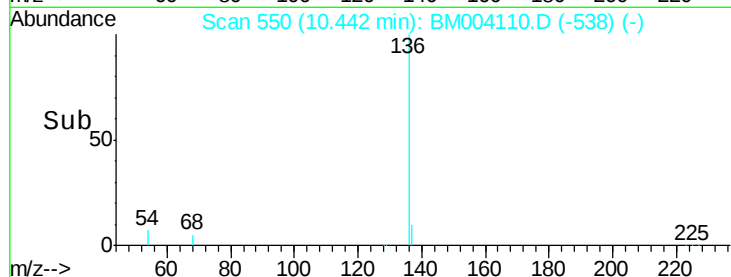


Abundance Ion 136.00 (135.70 to 136.70): E

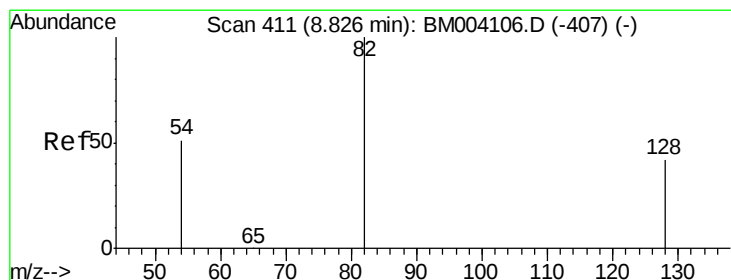
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



Time-->



#8

Nitrobenzene-d5

Concen: 0.90 ng

RT: 8.83 min Scan# 411

Delta R.T. -0.00 min

Lab File: BM004110.D

Acq: 22 Jan 2016 14:39

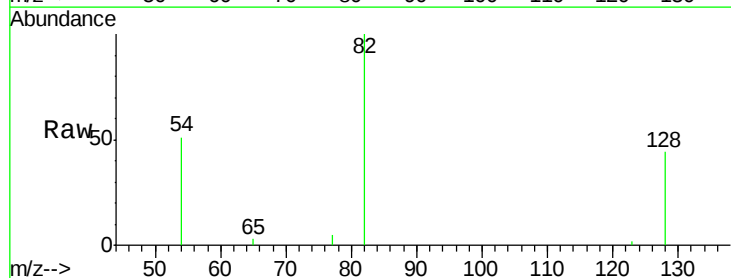
Tgt Ion: 82 Resp: 4136

Ion Ratio Lower Upper

82 100

128 44.4 39.1 58.7

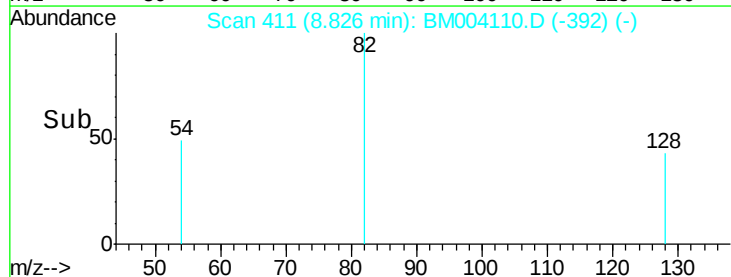
54 50.7 34.8 52.2



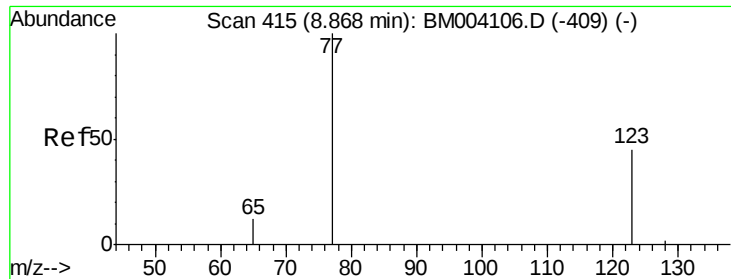
Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM



Time-->



#9

Nitrobenzene

Concen: 0.90 ng

RT: 8.87 min Scan# 415

Delta R.T. 0.00 min

Lab File: BM004110.D

Acq: 22 Jan 2016 14:39

Instrument :

BNA_M

ClientSampleId :

ICVBM012216

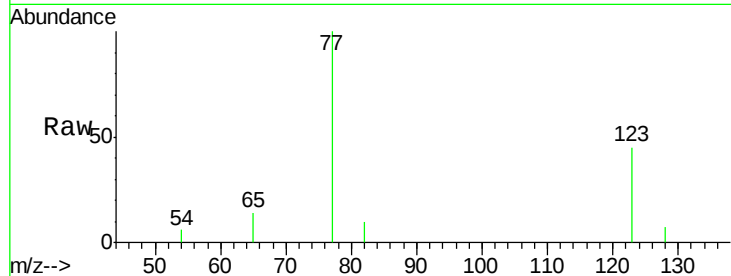
Tot Ion: 77 Resp: 4644

Ion Ratio Lower Upper

77 100

123 48.4 38.6 57.8

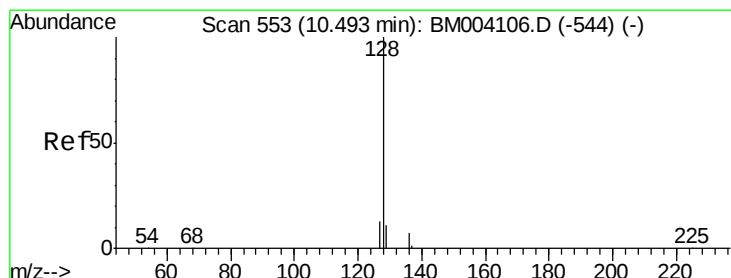
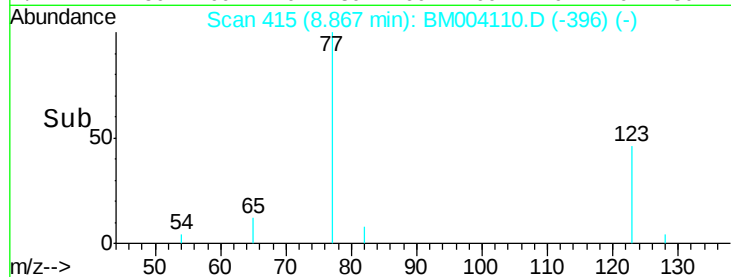
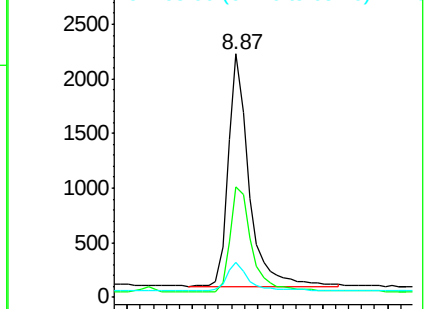
65 12.4 9.9 14.9



Abundance Ion 77.00 (76.70 to 77.70): BM004110.D (-396) (-)

Ion 123.00 (122.70 to 123.70): BM004110.D (-396) (-)

Ion 65.00 (64.70 to 65.70): BM004110.D (-396) (-)



#10

Naphthalene

Concen: 0.88 ng

RT: 10.49 min Scan# 553

Delta R.T. -0.00 min

Lab File: BM004110.D

Acq: 22 Jan 2016 14:39

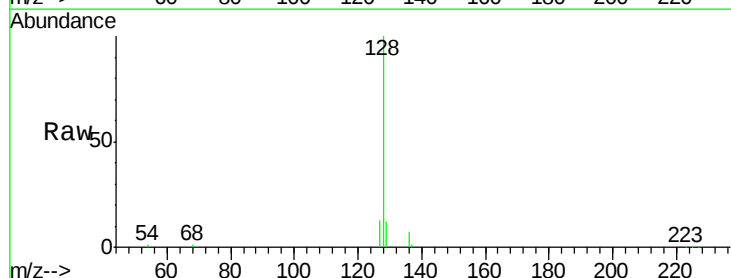
Tgt Ion: 128 Resp: 21516

Ion Ratio Lower Upper

128 100

129 11.5 8.5 12.7

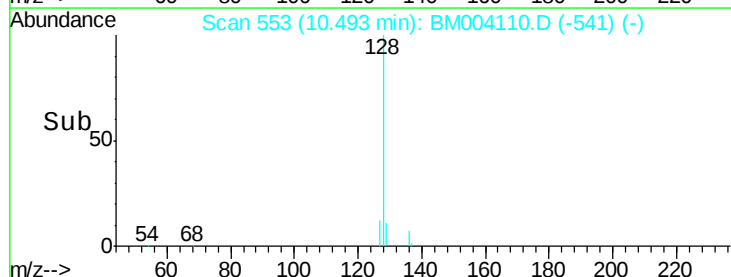
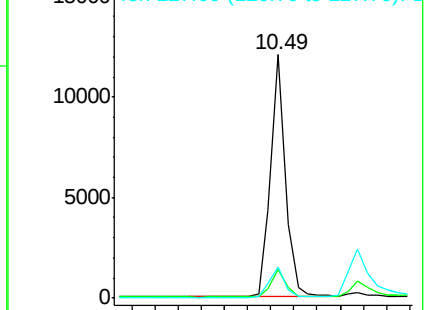
127 12.8 11.0 16.4

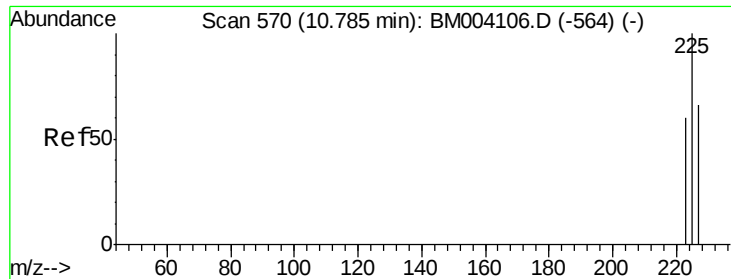


Abundance Ion 128.00 (127.70 to 128.70): BM004110.D (-541) (-)

Ion 129.00 (128.70 to 129.70): BM004110.D (-541) (-)

Ion 127.00 (126.70 to 127.70): BM004110.D (-541) (-)

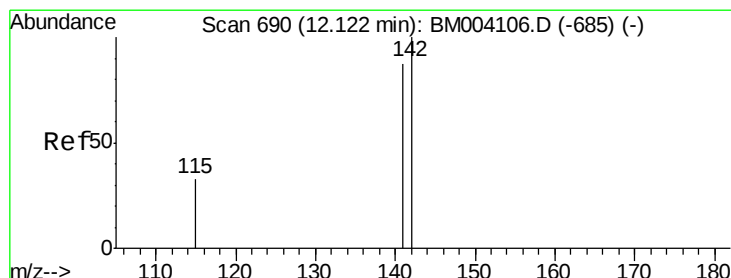
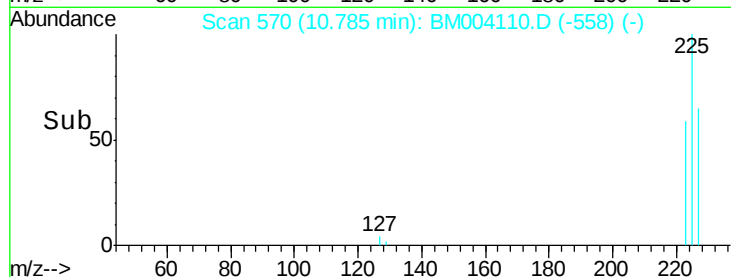
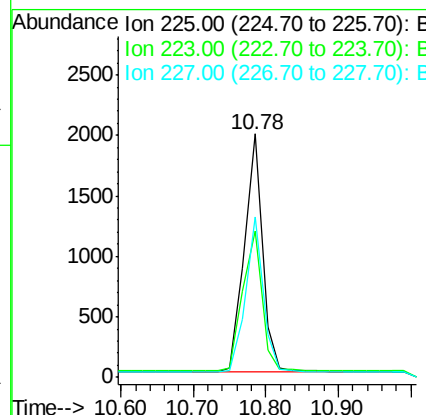
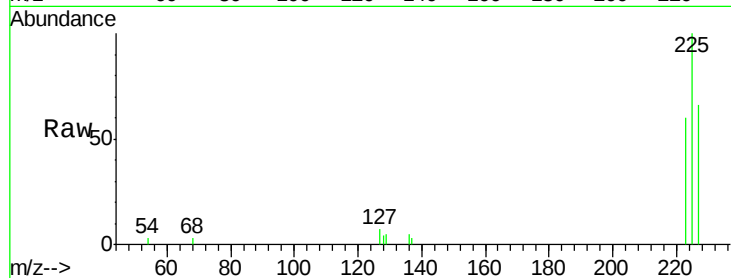




#11
Hexachlorobutadiene
Concen: 0.89 ng
RT: 10.78 min Scan# 570
Delta R.T. -0.00 min
Lab File: BM004110.D
Acq: 22 Jan 2016 14:39

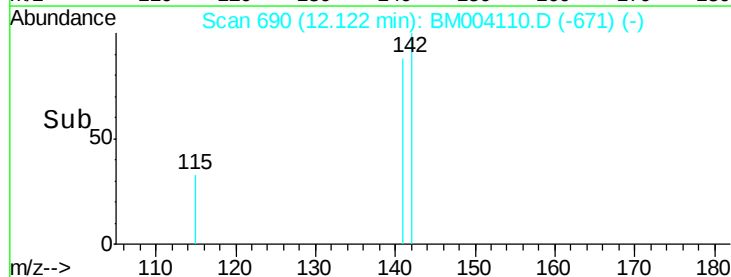
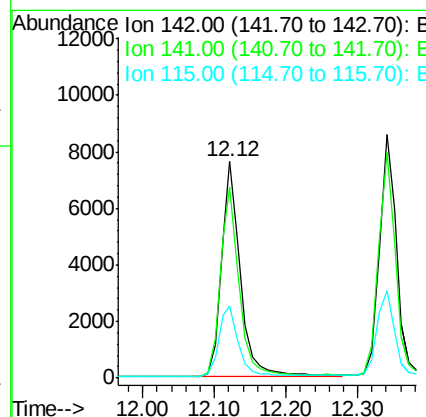
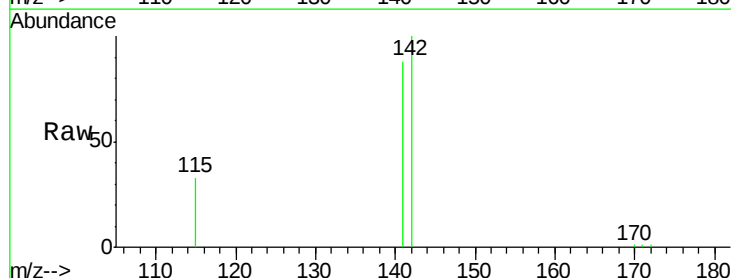
Instrument :
BNA_M
ClientSampleId :
ICVBM012216

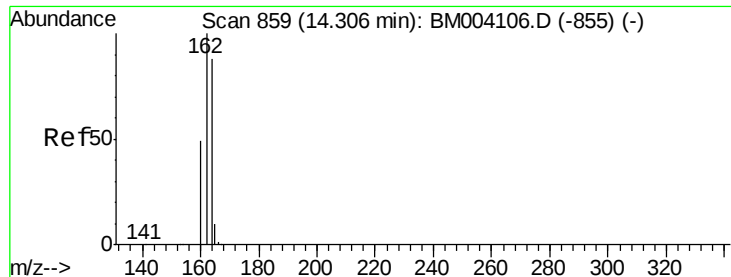
Tot Ion:225 Resp: 3360
Ion Ratio Lower Upper
225 100
223 62.9 50.9 76.3
227 63.5 51.2 76.8



#12
2-Methylnaphthalene
Concen: 0.88 ng
RT: 12.12 min Scan# 690
Delta R.T. -0.00 min
Lab File: BM004110.D
Acq: 22 Jan 2016 14:39

Tgt Ion:142 Resp: 14012
Ion Ratio Lower Upper
142 100
141 88.2 67.8 101.8
115 33.5 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: BM004110.D

Acq: 22 Jan 2016 14:39

Instrument :

BNA_M

ClientSampleId :

ICVBM012216

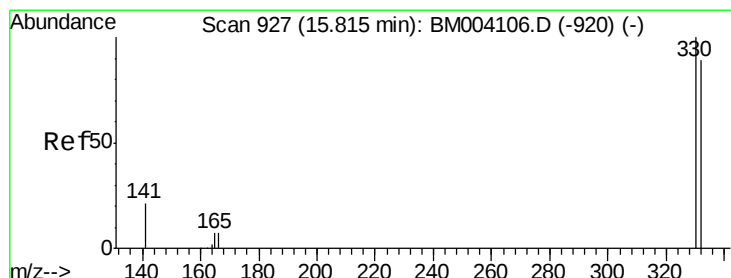
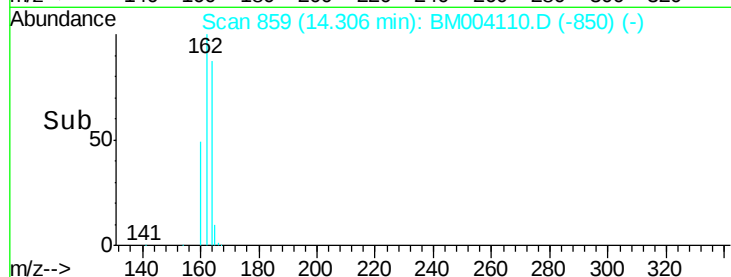
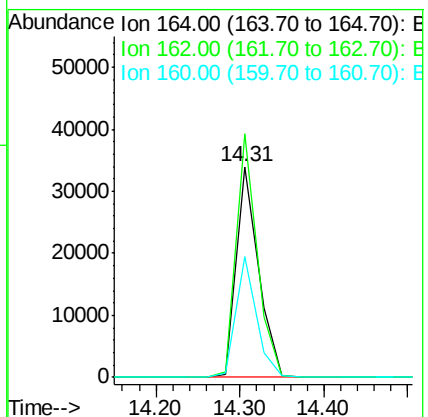
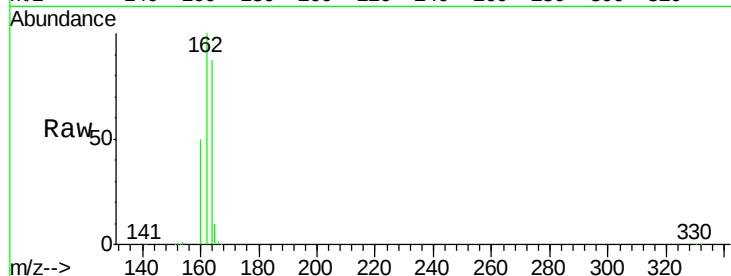
Tot Ion:164 Resp: 61258

Ion Ratio Lower Upper

164 100

162 115.5 86.0 129.0

160 57.2 40.3 60.5



#14

2,4,6-Tribromophenol

Concen: 0.87 ng

RT: 15.81 min Scan# 927

Delta R.T. -0.00 min

Lab File: BM004110.D

Acq: 22 Jan 2016 14:39

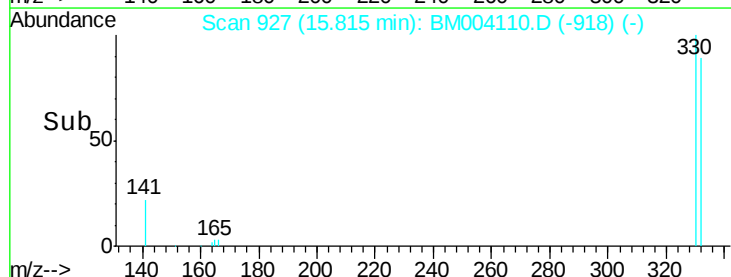
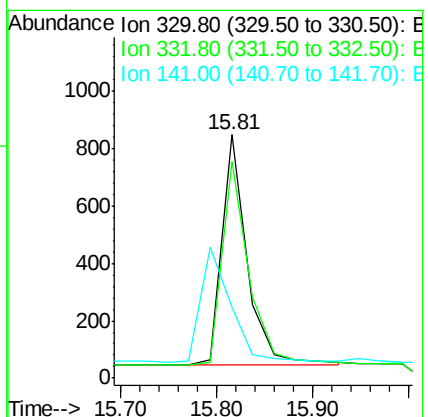
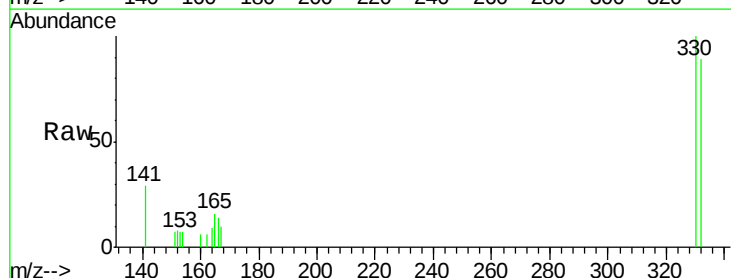
Tgt Ion:330 Resp: 1466

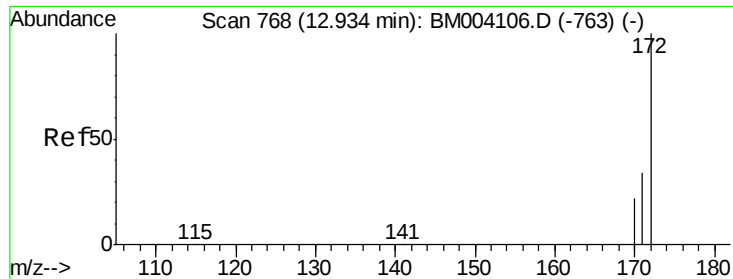
Ion Ratio Lower Upper

330 100

332 94.1 79.0 118.4

141 0.0 27.8 41.6#

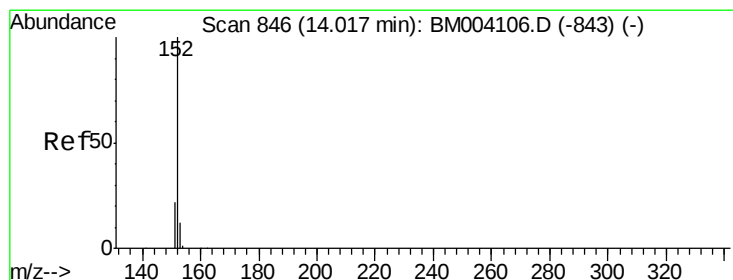
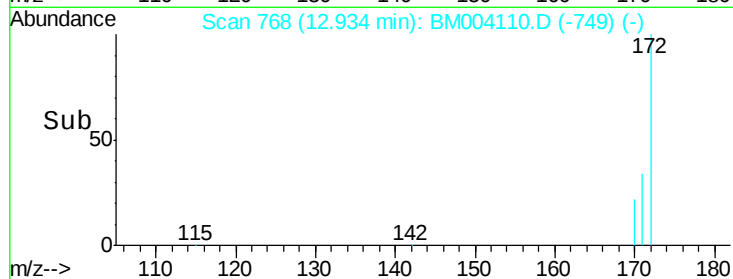
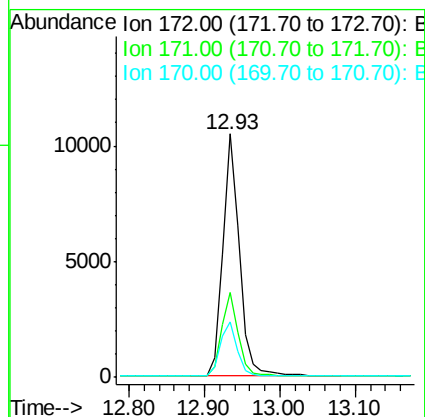
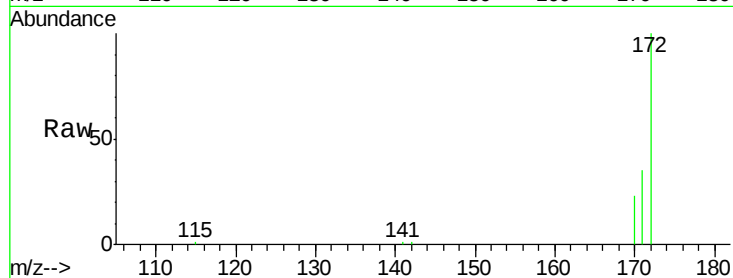




#15
2-Fluorobiphenyl
Concen: 0.88 ng
RT: 12.93 min Scan# 768
Delta R.T. -0.00 min
Lab File: BM004110.D
Acq: 22 Jan 2016 14:39

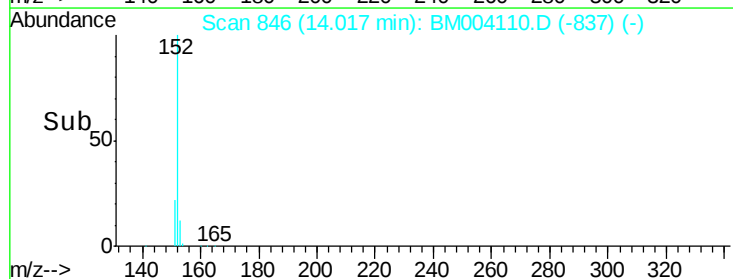
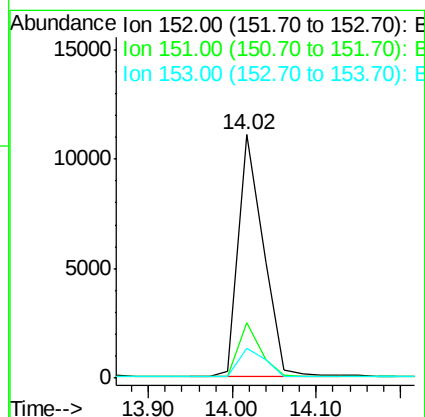
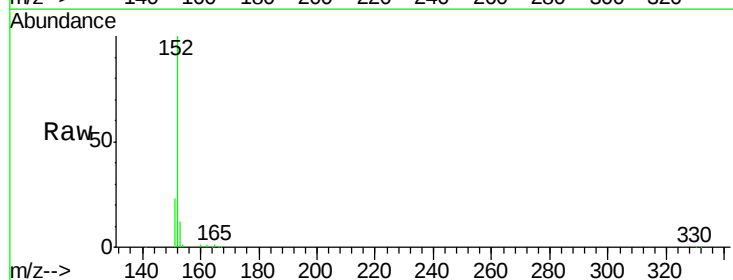
Instrument :
BNA_M
ClientSampleId :
ICVBM012216

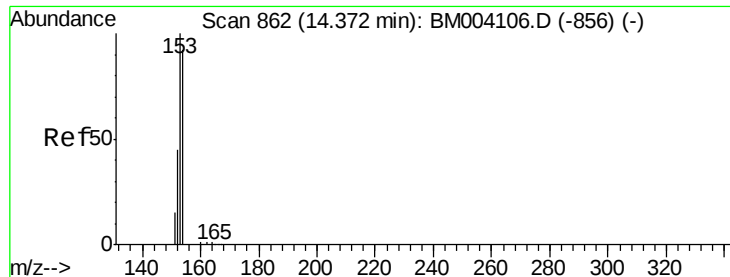
Tot Ion:172 Resp: 16455
Ion Ratio Lower Upper
172 100
171 34.6 27.0 40.6
170 22.7 17.9 26.9



#16
Acenaphthylene
Concen: 0.87 ng
RT: 14.02 min Scan# 846
Delta R.T. -0.00 min
Lab File: BM004110.D
Acq: 22 Jan 2016 14:39

Tgt Ion:152 Resp: 22938
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.8
153 12.9 10.2 15.4





#17

Acenaphthene

Concen: 0.84 ng

RT: 14.37 min Scan# 862

Delta R.T. -0.00 min

Lab File: BM004110.D

Acq: 22 Jan 2016 14:39

Instrument :

BNA_M

ClientSampleId :

ICVBM012216

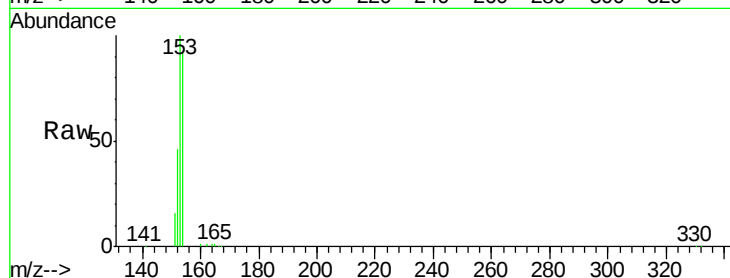
Tot Ion:154 Resp: 16837

Ion Ratio Lower Upper

154 100

153 109.8 85.4 128.2

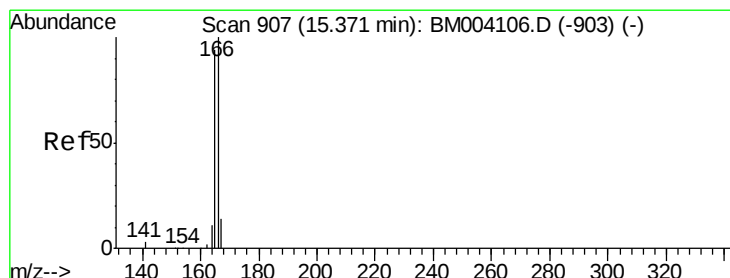
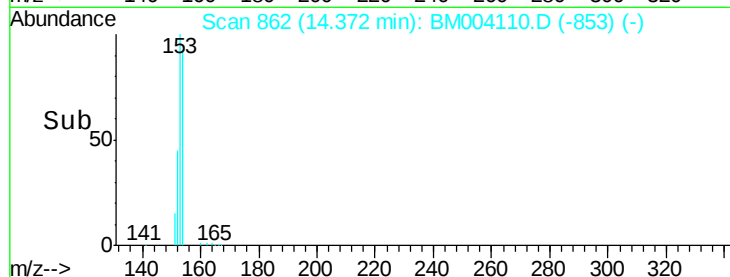
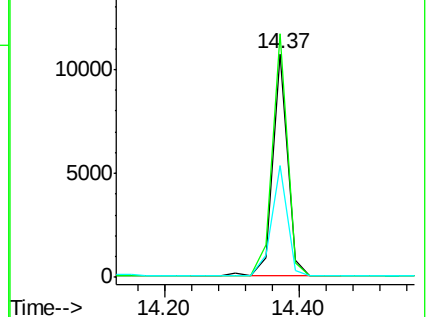
152 52.3 40.6 60.8



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: 0.86 ng

RT: 15.37 min Scan# 907

Delta R.T. -0.00 min

Lab File: BM004110.D

Acq: 22 Jan 2016 14:39

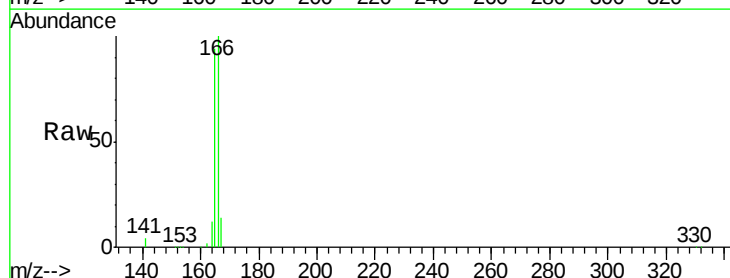
Tgt Ion:166 Resp: 20893

Ion Ratio Lower Upper

166 100

165 96.8 77.2 115.8

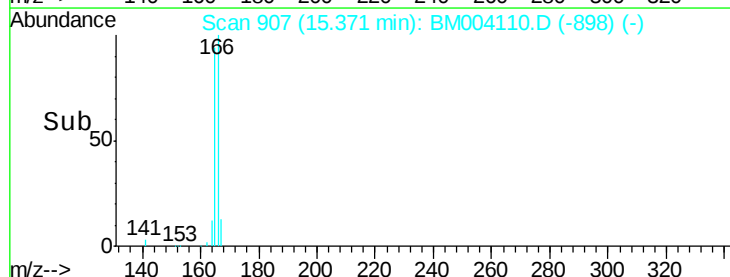
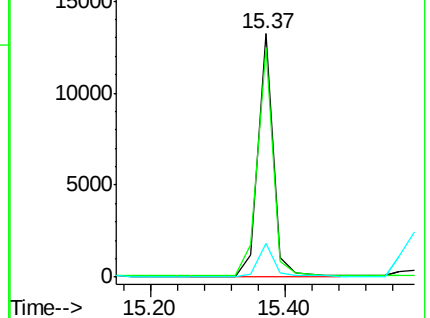
167 13.4 11.0 16.6

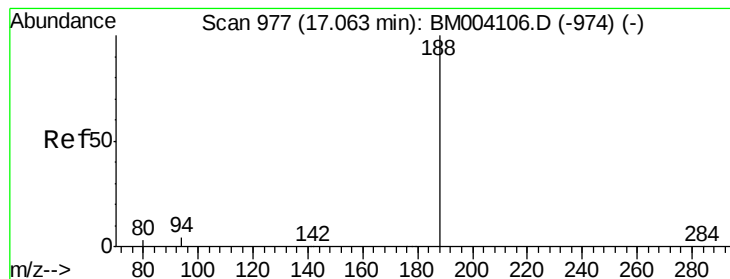


Abundance Ion 166.00 (165.70 to 166.70): E

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: BM004110.D

Acq: 22 Jan 2016 14:39

Instrument :

BNA_M

ClientSampleId :

ICVBM012216

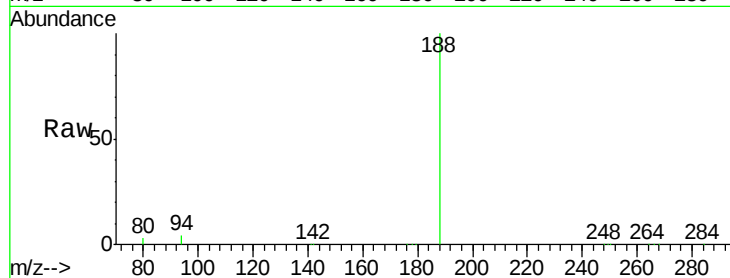
Tot Ion:188 Resp: 165620

Ion Ratio Lower Upper

188 100

94 3.9 20.3 30.5#

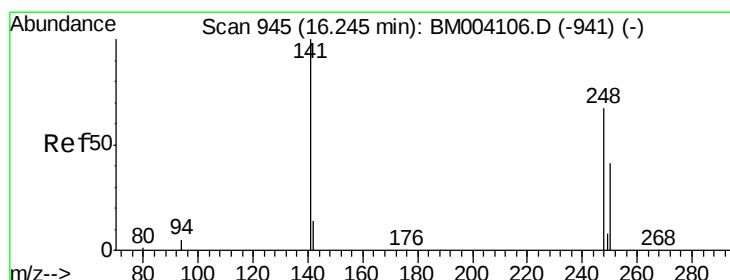
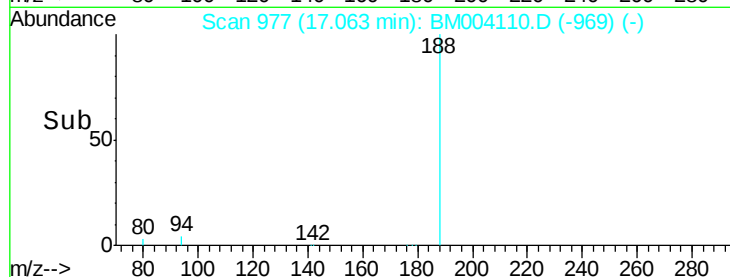
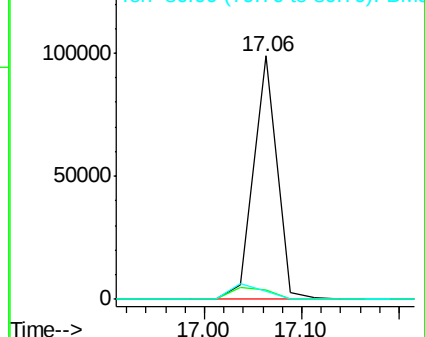
80 3.3 22.2 33.4#



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: 0.92 ng

RT: 16.24 min Scan# 945

Delta R.T. -0.00 min

Lab File: BM004110.D

Acq: 22 Jan 2016 14:39

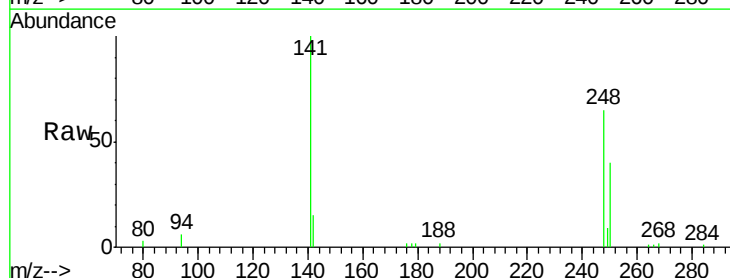
Tgt Ion:248 Resp: 4964

Ion Ratio Lower Upper

248 100

250 0.0 75.0 112.4#

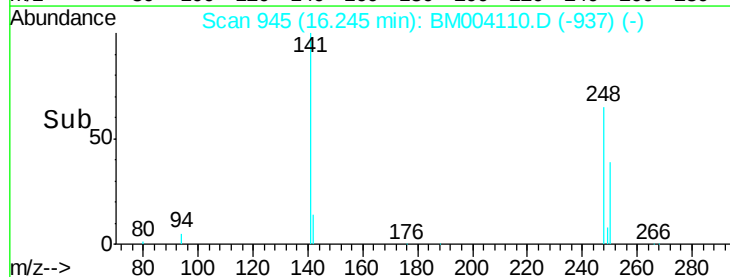
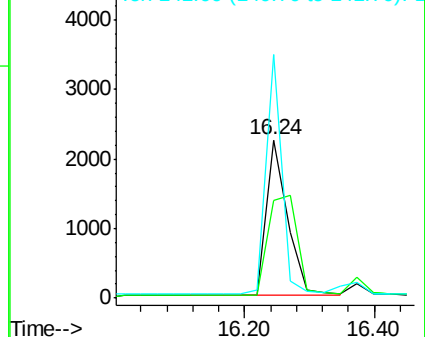
141 116.0 53.0 79.4#

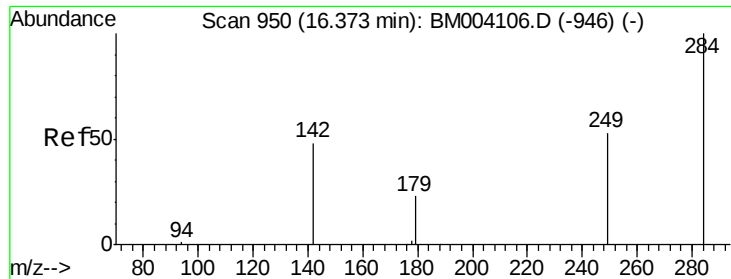


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

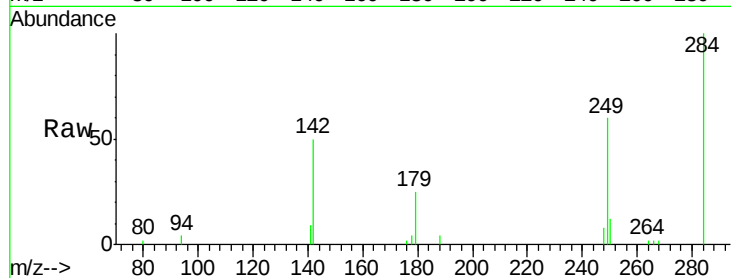




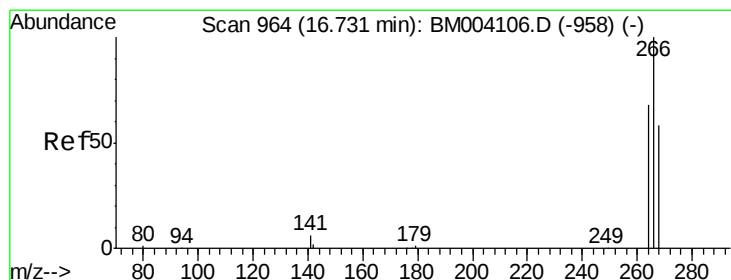
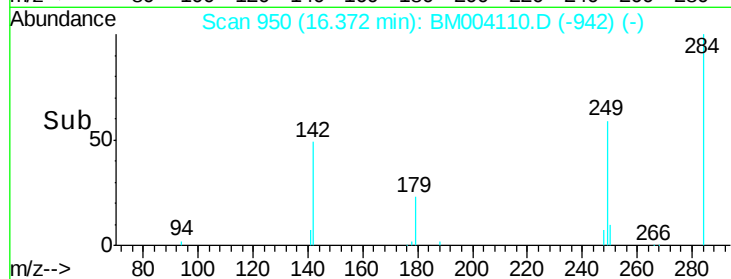
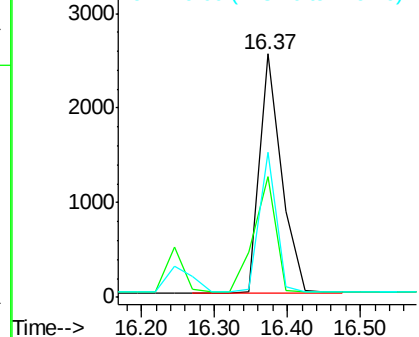
#21
Hexachlorobenzene
Concen: 0.92 ng
RT: 16.37 min Scan# 950
Delta R.T. -0.00 min
Lab File: BM004110.D
Acq: 22 Jan 2016 14:39

Instrument :
BNA_M
ClientSampleId :
ICVBM012216

Tot Ion:284 Resp: 5240
Ion Ratio Lower Upper
284 100
142 49.1 22.2 33.4#
249 45.6 21.5 32.3#

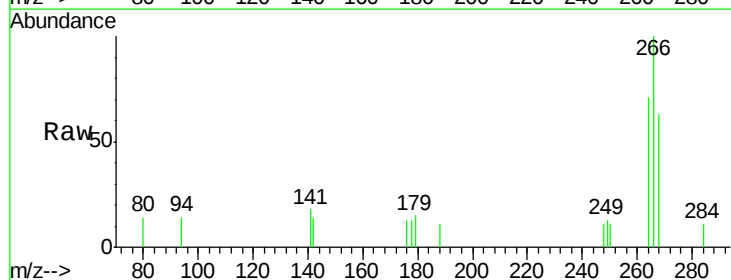


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

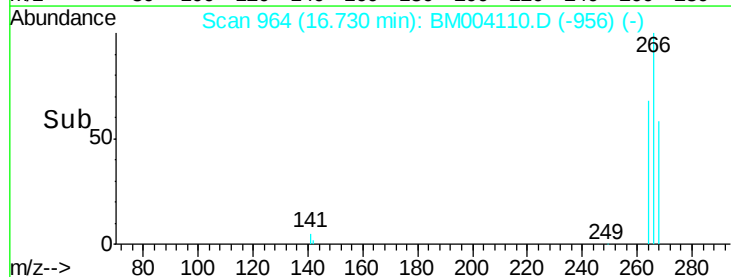
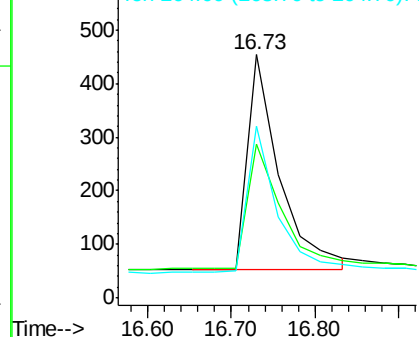


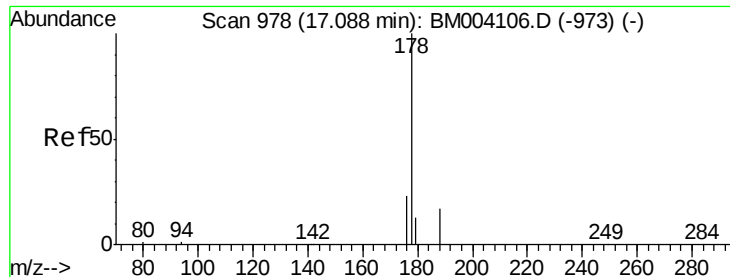
#22
Pentachlorophenol
Concen: 0.86 ng
RT: 16.73 min Scan# 964
Delta R.T. 0.00 min
Lab File: BM004110.D
Acq: 22 Jan 2016 14:39

Tgt Ion:266 Resp: 1080
Ion Ratio Lower Upper
266 100
268 63.0 62.7 94.1
264 70.7 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

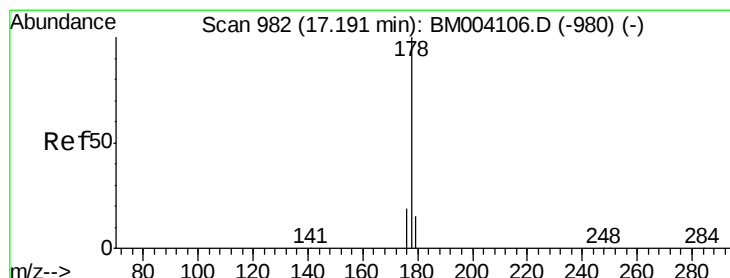
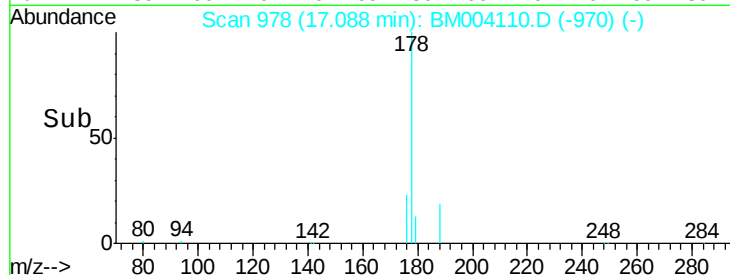
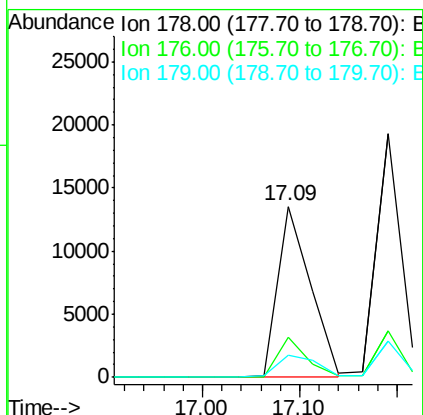
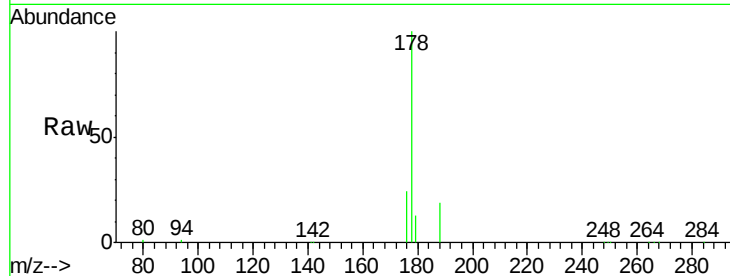




#23
Phenanthrene
Concen: 0.88 ng
RT: 17.09 min Scan# 978
Delta R.T. 0.00 min
Lab File: BM004110.D
Acq: 22 Jan 2016 14:39

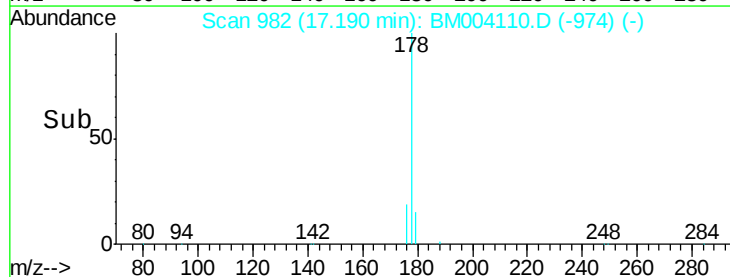
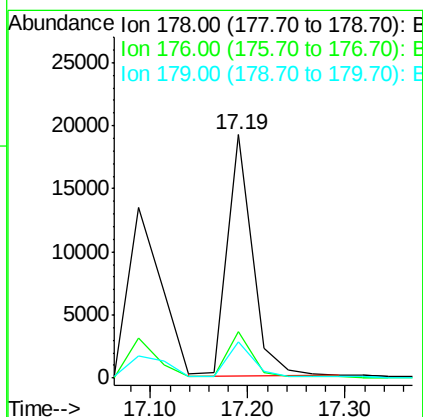
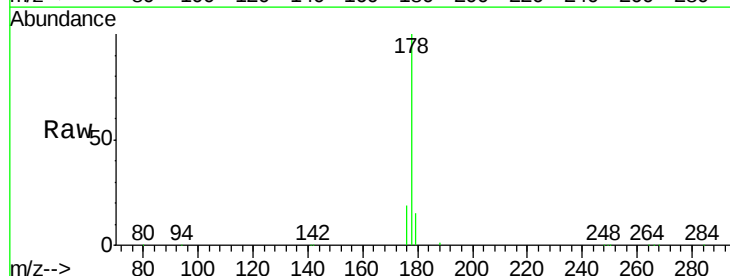
Instrument :
BNA_M
ClientSampleId :
ICVBM012216

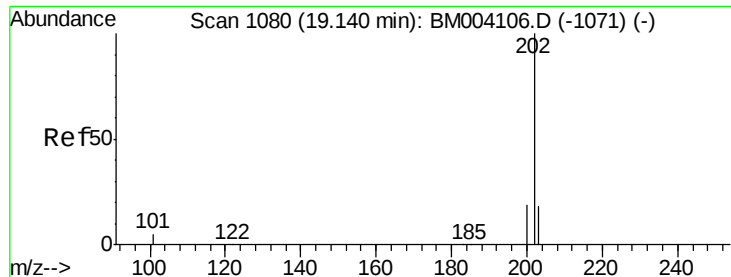
Tot Ion:178 Resp: 31506
Ion Ratio Lower Upper
178 100
176 20.3 15.4 23.0
179 15.2 12.2 18.4



#24
Anthracene
Concen: 0.90 ng
RT: 17.19 min Scan# 982
Delta R.T. -0.00 min
Lab File: BM004110.D
Acq: 22 Jan 2016 14:39

Tgt Ion:178 Resp: 34031
Ion Ratio Lower Upper
178 100
176 18.7 14.6 21.8
179 15.0 12.6 19.0





#25

Fluoranthene

Concen: 0.89 ng

RT: 19.14 min Scan# 1080

Delta R.T. -0.00 min

Lab File: BM004110.D

Acq: 22 Jan 2016 14:39

Instrument :

BNA_M

ClientSampleId :

ICVBM012216

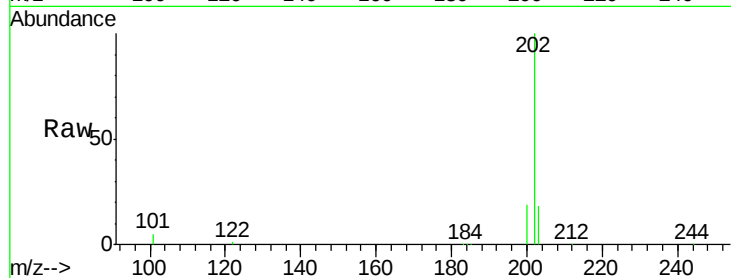
Tot Ion:202 Resp: 40136

Ion Ratio Lower Upper

202 100

101 11.8 9.7 14.5

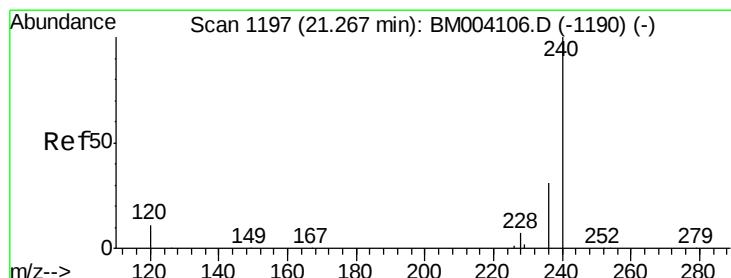
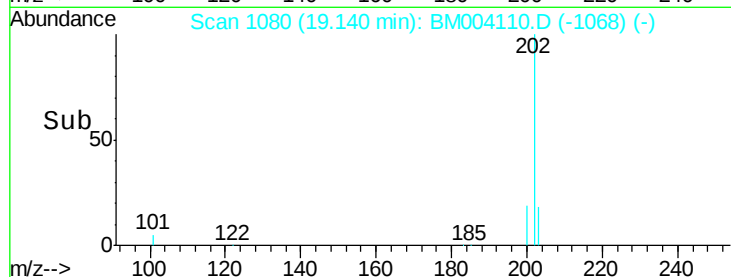
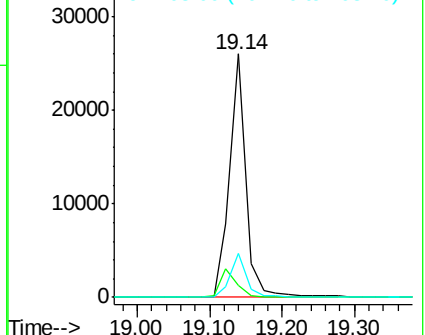
203 17.2 13.8 20.8



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: BM004110.D

Acq: 22 Jan 2016 14:39

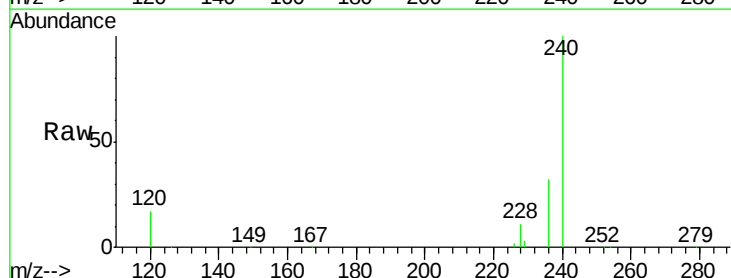
Tgt Ion:240 Resp: 168180

Ion Ratio Lower Upper

240 100

120 17.1 0.9 1.3#

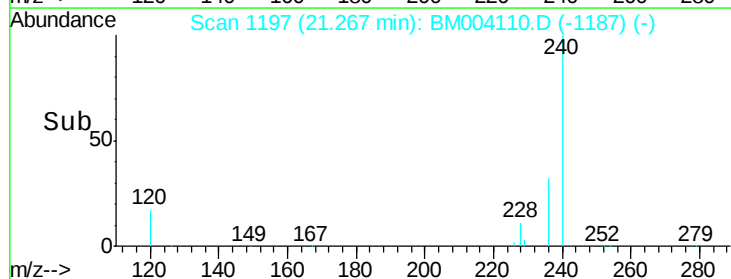
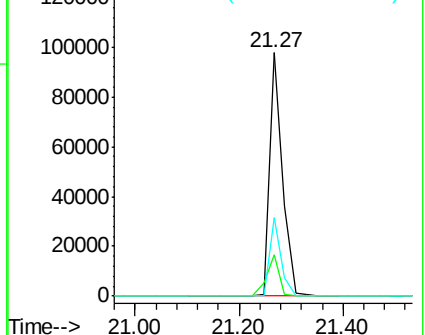
236 32.3 17.3 25.9#

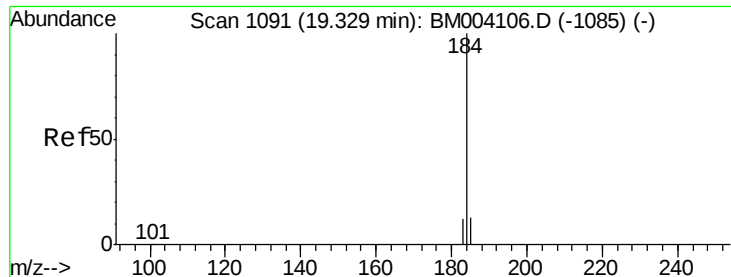


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 1.11 ng

RT: 19.33 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BM004110.D

Acq: 22 Jan 2016 14:39

Instrument :

BNA_M

ClientSampleId :

ICVBM012216

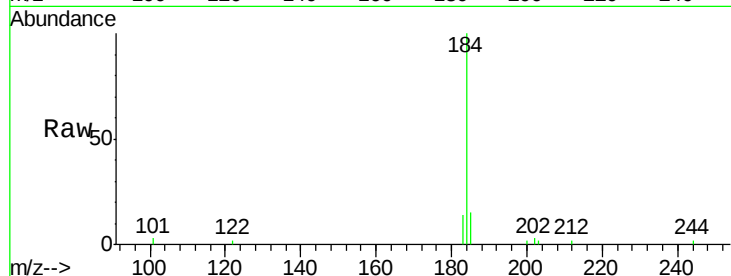
Tot Ion:184 Resp: 8202

Ion Ratio Lower Upper

184 100

185 14.9 13.2 19.8

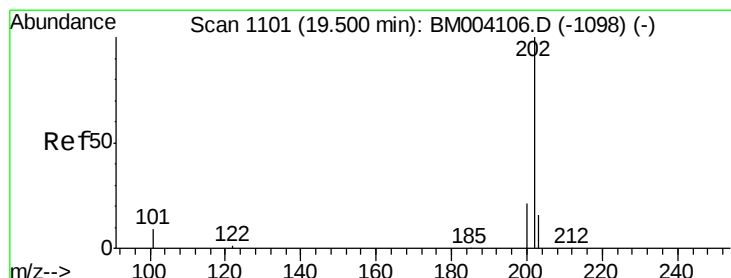
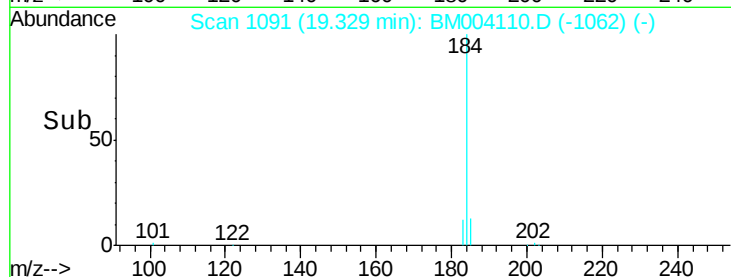
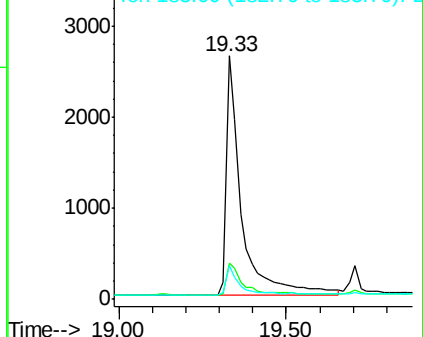
183 13.7 9.0 13.6#



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: 0.93 ng

RT: 19.50 min Scan# 1101

Delta R.T. -0.00 min

Lab File: BM004110.D

Acq: 22 Jan 2016 14:39

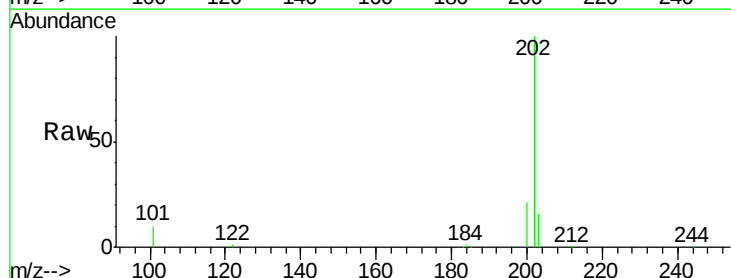
Tgt Ion:202 Resp: 44093

Ion Ratio Lower Upper

202 100

200 20.8 16.6 24.8

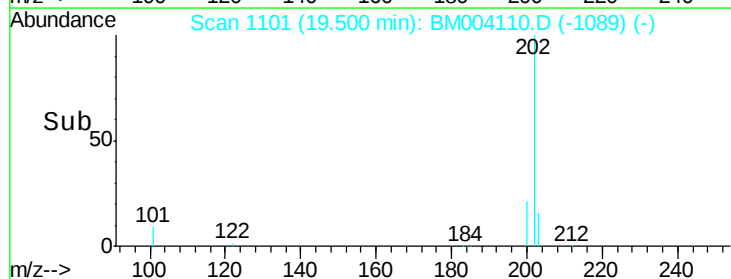
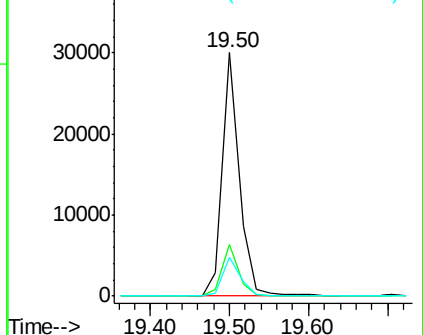
203 16.9 14.0 21.0

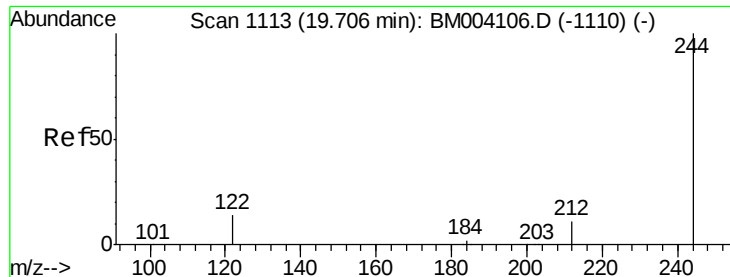


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.94 ng

RT: 19.71 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BM004110.D

Acq: 22 Jan 2016 14:39

Instrument :

BNA_M

ClientSampleId :

ICVBM012216

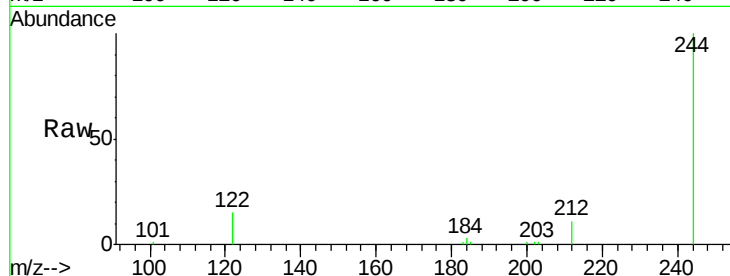
Tot Ion:244 Resp: 20049

Ion Ratio Lower Upper

244 100

212 10.7 7.0 10.6#

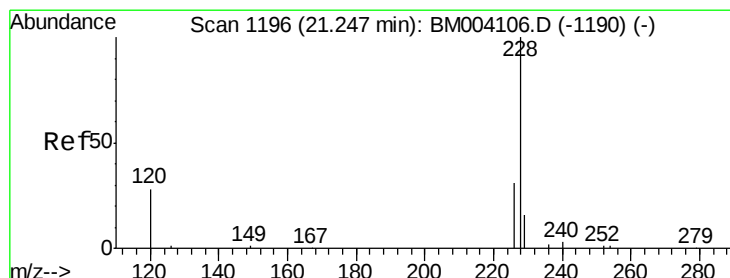
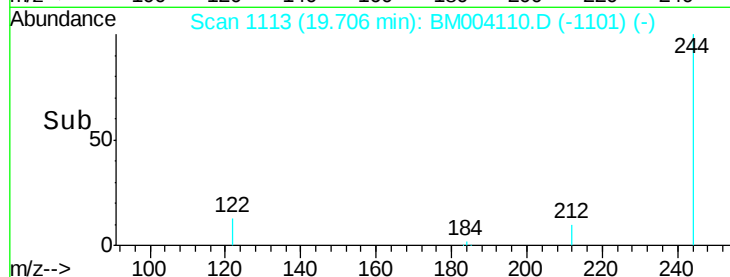
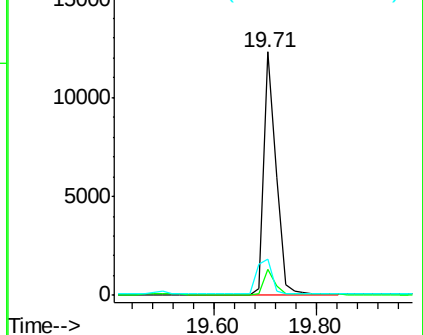
122 14.7 3.0 4.6#



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

RT: 21.25 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BM004110.D

Acq: 22 Jan 2016 14:39

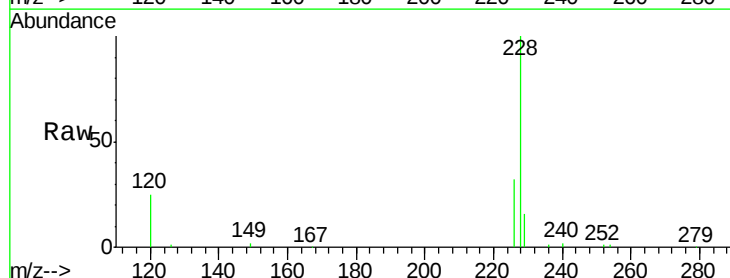
Tgt Ion:228 Resp: 44262

Ion Ratio Lower Upper

228 100

226 32.1 17.2 25.8#

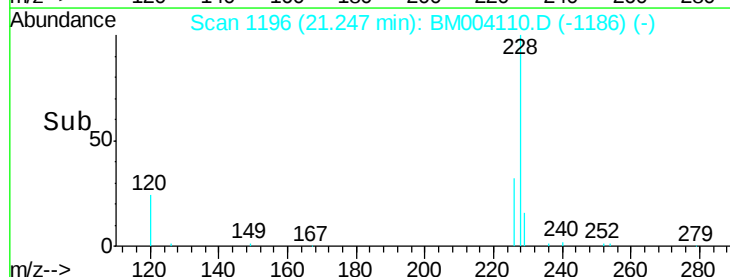
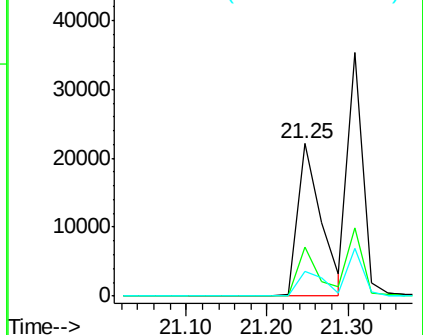
229 16.2 18.7 28.1#

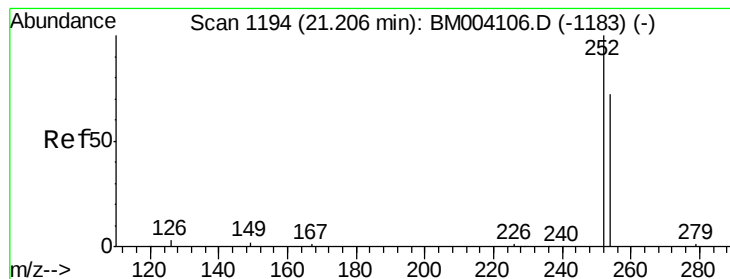


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

3,3'-Dichlorobenzidine

Concen: 1.04 ng

RT: 21.21 min Scan# 1194

Delta R.T. 0.00 min

Lab File: BM004110.D

Acq: 22 Jan 2016 14:39

Instrument :

BNA_M

ClientSampleId :

ICVBM012216

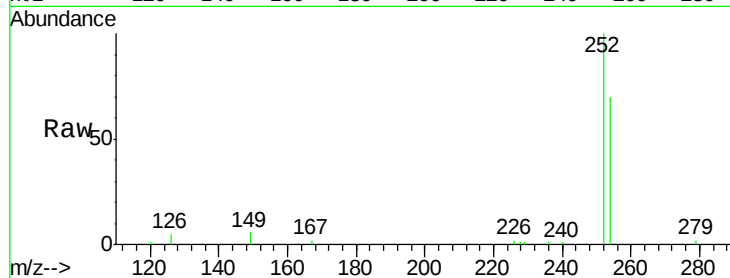
Tot Ion:252 Resp: 10545

Ion Ratio Lower Upper

252 100

254 70.4 52.6 79.0

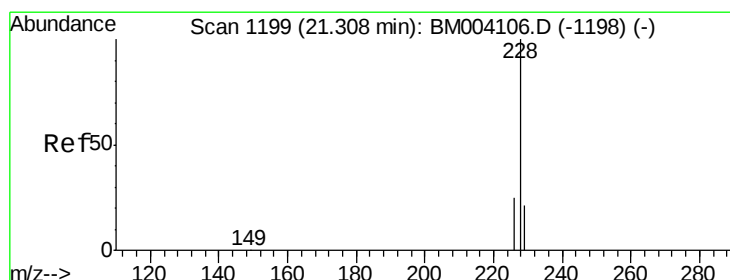
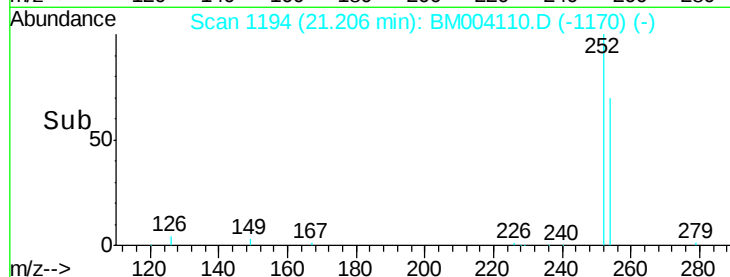
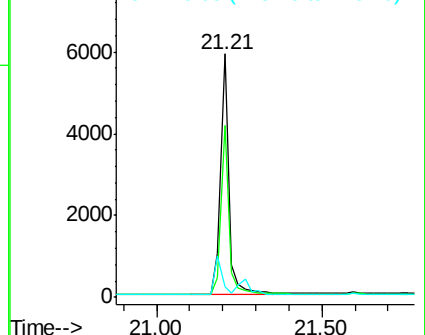
126 4.6 3.7 5.5



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: 1.02 ng

RT: 21.31 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BM004110.D

Acq: 22 Jan 2016 14:39

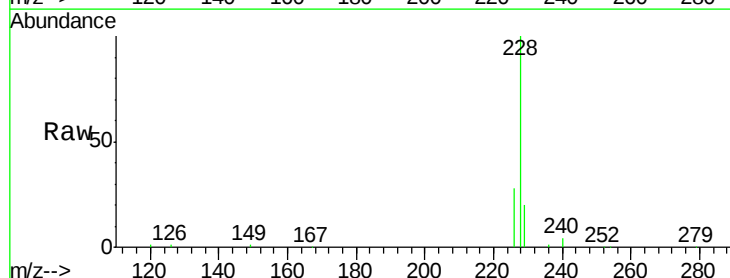
Tgt Ion:228 Resp: 46373

Ion Ratio Lower Upper

228 100

226 28.2 25.3 37.9

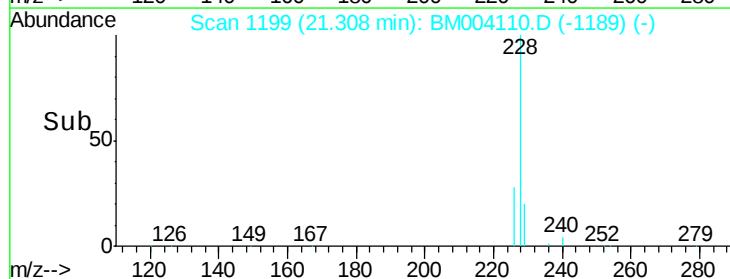
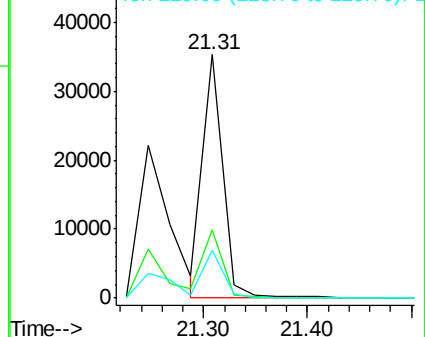
229 19.7 14.5 21.7

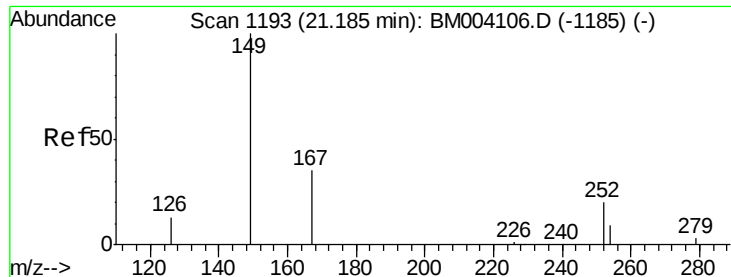


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Bis(2-ethylhexyl)phthalate

Concen: 1.03 ng

RT: 21.19 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BM004110.D

Acq: 22 Jan 2016 14:39

Instrument :

BNA_M

ClientSampleId :

ICVBM012216

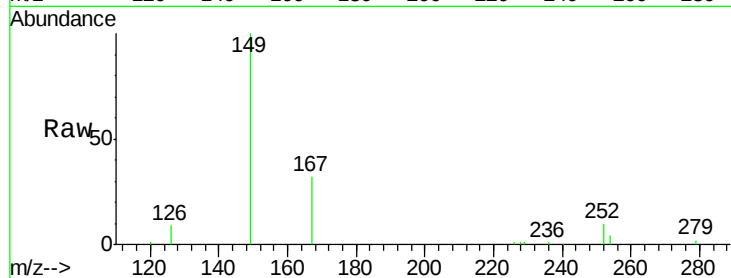
Tot Ion:149 Resp: 16704

Ion Ratio Lower Upper

149 100

167 28.4 20.1 30.1

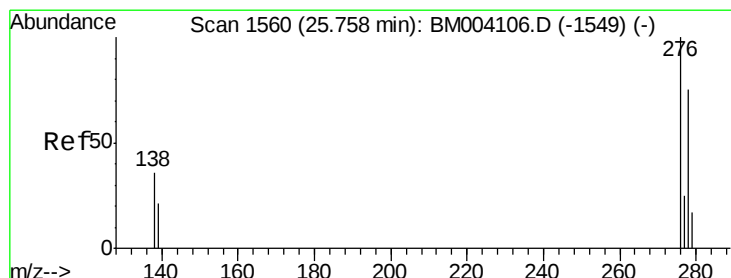
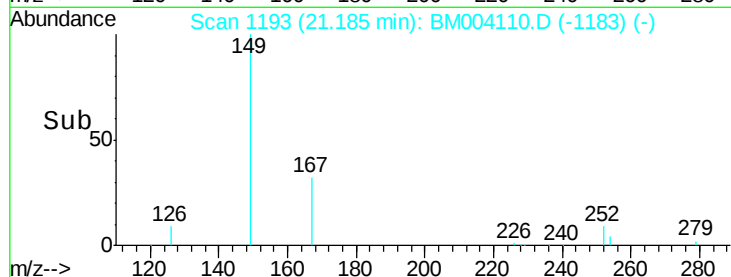
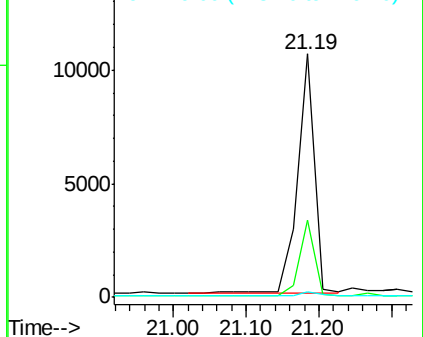
279 2.0 1.8 2.6



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: 0.92 ng

RT: 25.76 min Scan# 1559

Delta R.T. -0.00 min

Lab File: BM004110.D

Acq: 22 Jan 2016 14:39

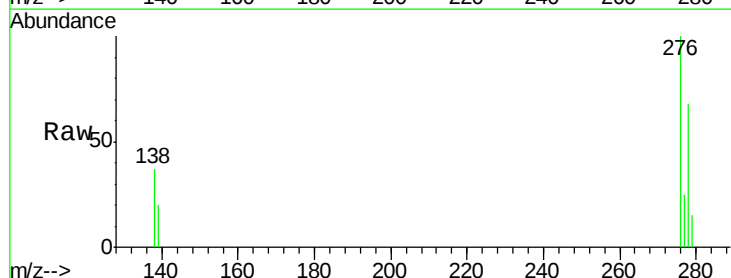
Tgt Ion:276 Resp: 45741

Ion Ratio Lower Upper

276 100

138 37.4 30.2 45.2

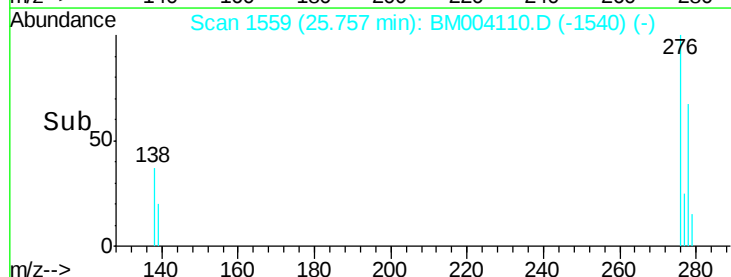
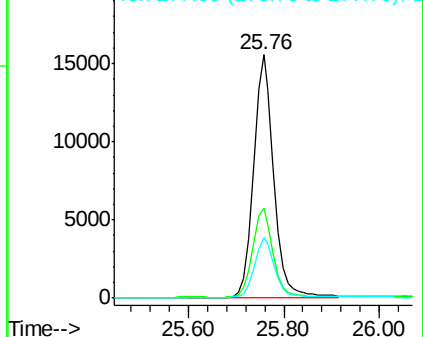
277 24.7 19.8 29.8

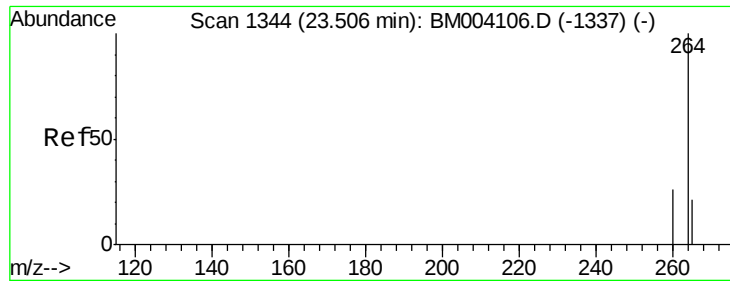


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

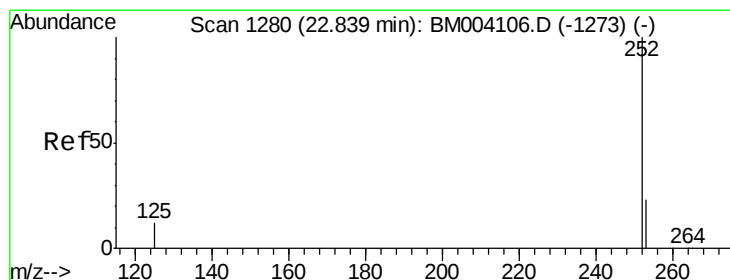
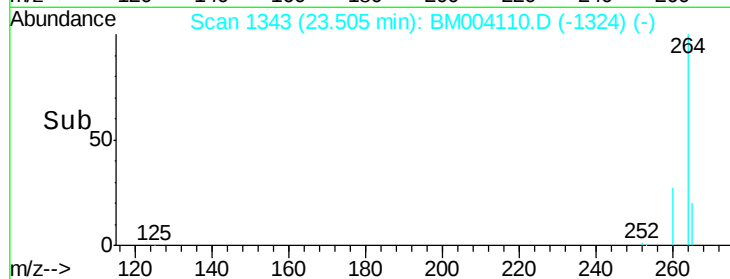
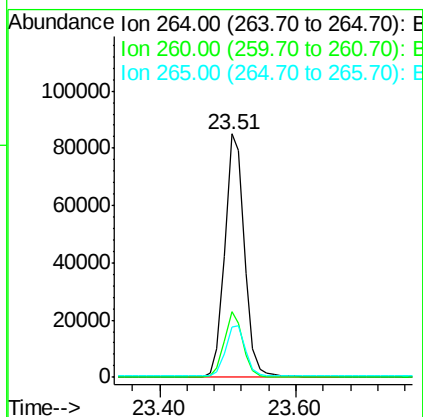
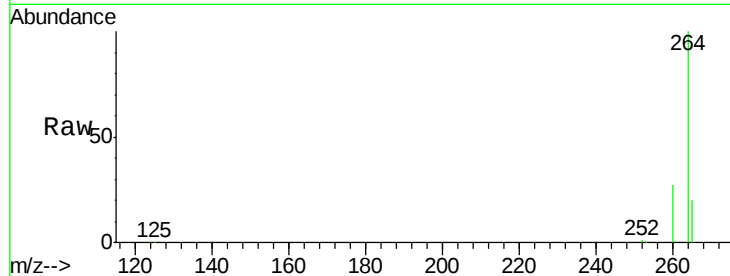




#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.51 min Scan# 1343
 Delta R.T. -0.00 min
 Lab File: BM004110.D
 Acq: 22 Jan 2016 14:39

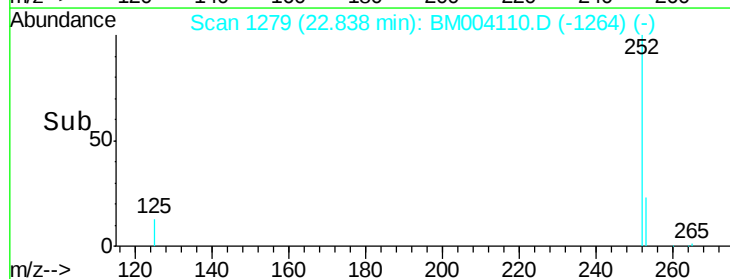
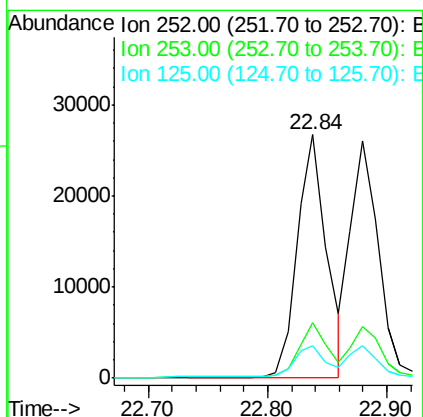
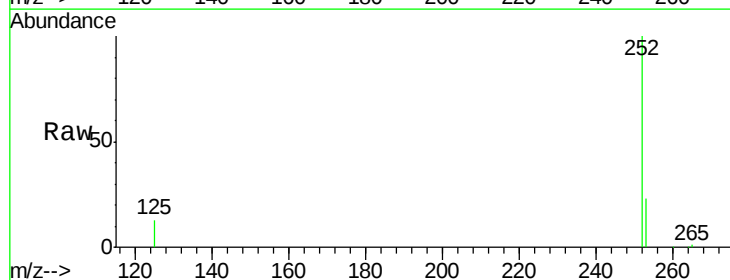
Instrument :
 BNA_M
 ClientSampleId :
 ICVBM012216

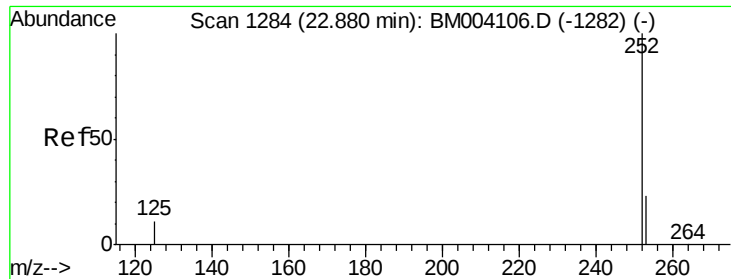
Tot Ion:264 Resp: 170069
 Ion Ratio Lower Upper
 264 100
 260 26.8 21.2 31.8
 265 20.5 16.7 25.1



#36
 Benzo(b)fluoranthene
 Concen: 0.86 ng
 RT: 22.84 min Scan# 1279
 Delta R.T. -0.00 min
 Lab File: BM004110.D
 Acq: 22 Jan 2016 14:39

Tgt Ion:252 Resp: 45365
 Ion Ratio Lower Upper
 252 100
 253 22.5 18.8 28.2
 125 13.2 10.2 15.4

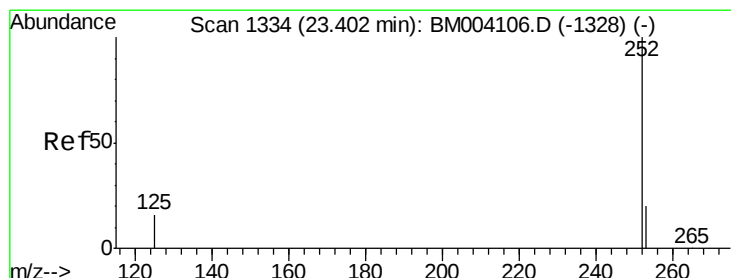
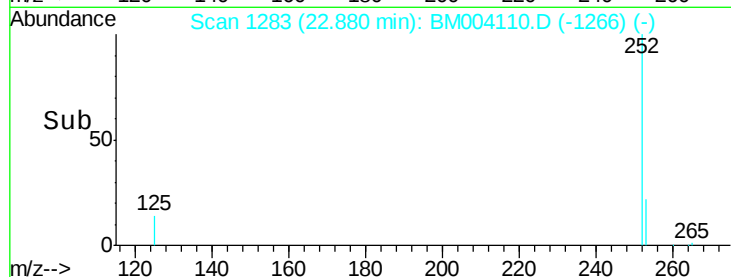
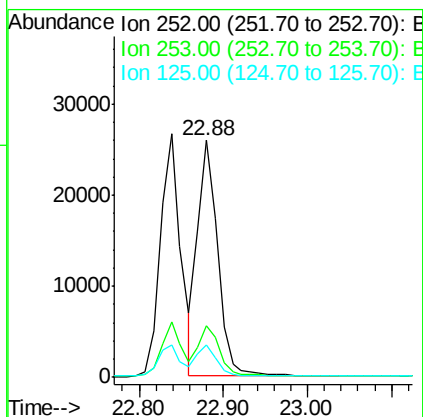
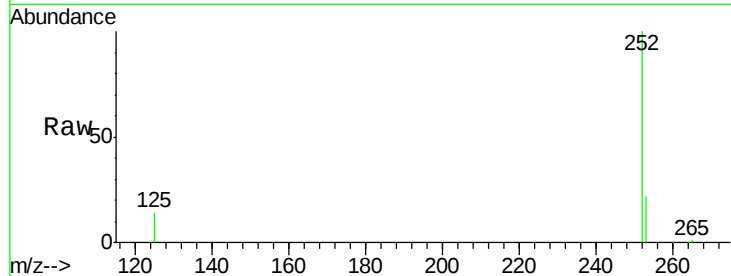




#37
Benzo(k)fluoranthene
Concen: 0.89 ng
RT: 22.88 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BM004110.D
Acq: 22 Jan 2016 14:39

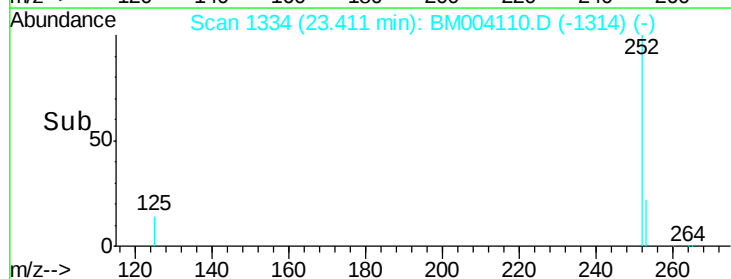
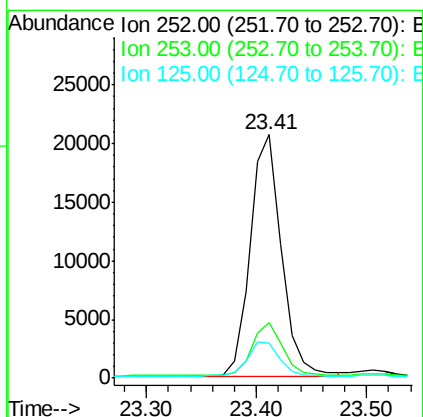
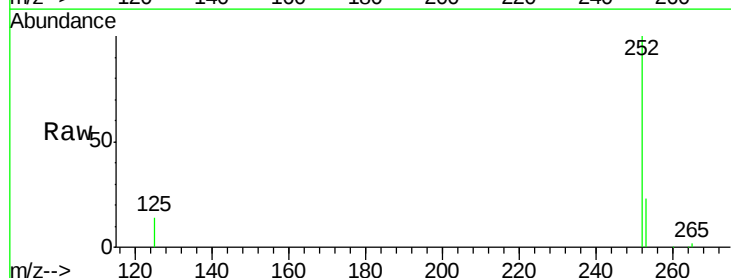
Instrument :
BNA_M
ClientSampleId :
ICVBM012216

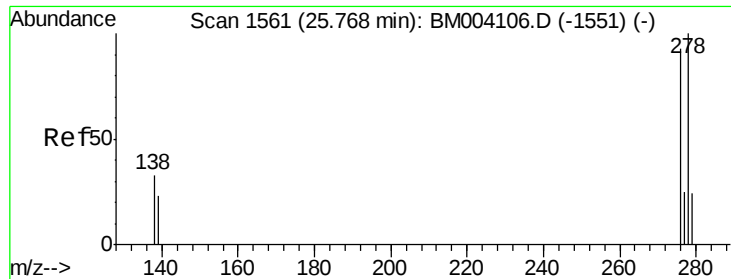
Tot Ion:252 Resp: 42342
Ion Ratio Lower Upper
252 100
253 21.9 18.3 27.5
125 13.7 10.6 15.8



#38
Benzo(a)pyrene
Concen: 0.88 ng
RT: 23.41 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BM004110.D
Acq: 22 Jan 2016 14:39

Tgt Ion:252 Resp: 40656
Ion Ratio Lower Upper
252 100
253 22.8 18.7 28.1
125 14.5 11.8 17.8





#39

Dibenzo(a,h)anthracene

Concen: 0.87 ng

RT: 25.77 min Scan# 1560

Delta R.T. -0.00 min

Lab File: BM004110.D

Acq: 22 Jan 2016 14:39

Instrument :

BNA_M

ClientSampleId :

ICVBM012216

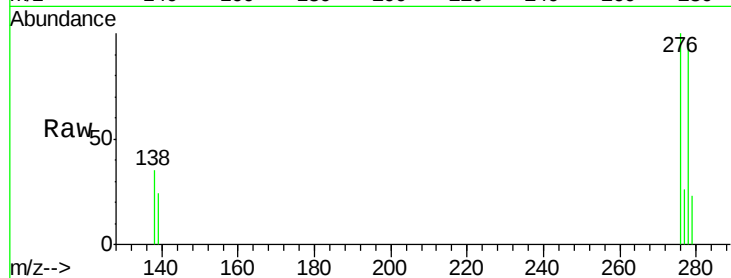
Tot Ion:278 Resp: 36220

Ion Ratio Lower Upper

278 100

139 24.7 19.0 28.6

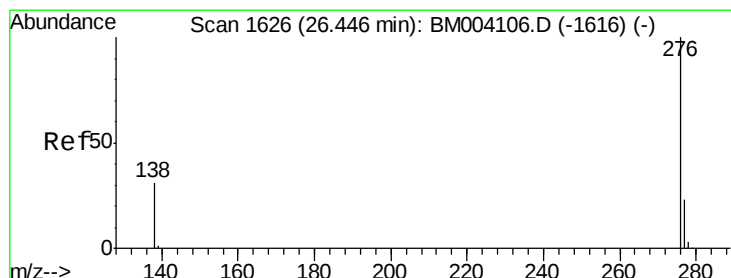
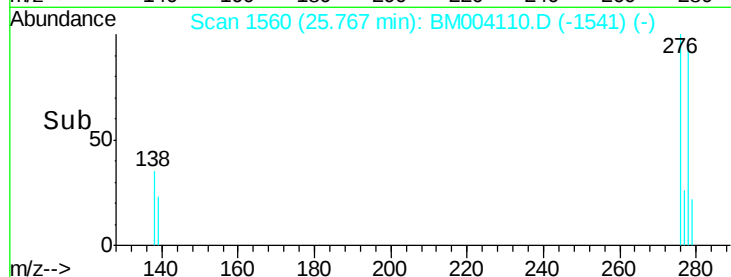
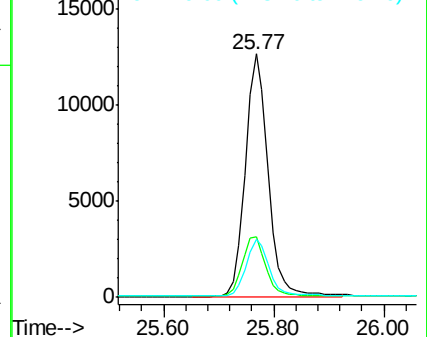
279 23.6 19.6 29.4



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: 0.85 ng

RT: 26.44 min Scan# 1625

Delta R.T. -0.00 min

Lab File: BM004110.D

Acq: 22 Jan 2016 14:39

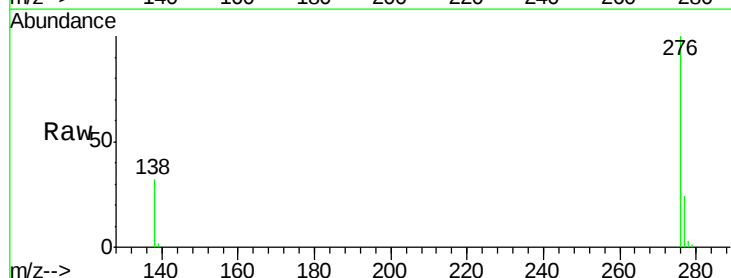
Tgt Ion:276 Resp: 38786

Ion Ratio Lower Upper

276 100

277 23.5 19.1 28.7

138 32.2 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

