

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052215\
 Data File : BM001406.D
 Acq On : 23 May 2015 06:24
 Operator : TP/IZ
 Sample : G2334-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RAV-GT-106

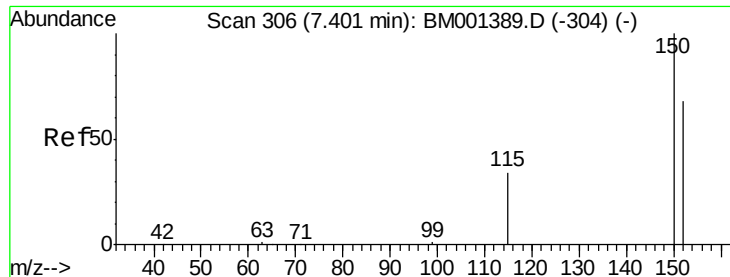
Quant Time: May 25 08:26:29 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM052215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 23 04:45:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	10020	5.00	ng	0.00
6) Naphthalene-d8	10.16	136	36278	5.00	ng	-0.02
12) Acenaphthene-d10	14.08	164	21250	5.00	ng	0.00
18) Phenanthrene-d10	16.82	188	74055	5.00	ng	0.00
25) Chrysene-d12	21.04	240	44845	5.00	ng	0.00
32) Perylene-d12	23.13	264	38118	5.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	4.99	112	7481	3.78	ng	0.00
5) Phenol-d6	6.60	99	5595	2.44	ng	0.00
7) Nitrobenzene-d5	8.55	82	13656	6.52	ng	0.00
13) 2,4,6-Tribromophenol	15.59	330	5825	8.82	ng	0.00
14) 2-Fluorobiphenyl	12.69	172	45328	6.93	ng	0.00
27) Terphenyl-d14	19.48	244	50488	8.32	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.35	42	34	0.03	ng	# 10
8) Nitrobenzene	8.55	77	58	0.03	ng	# 36
9) Naphthalene	10.22	128	170	0.02	ng	# 27
10) Hexachlorobutadiene	10.49	225	3	0.00	ng	# 40
11) 2-Methylnaphthalene	11.86	142	65	0.01	ng	# 79
15) Acenaphthylene	13.79	152	77	0.01	ng	# 62
16) Acenaphthene	14.55	154	8	0.00	ng	# 88
17) Fluorene	14.71	166	171	0.08	ng	# 12
19) 4-Bromophenyl-phenylether	15.87	248	14	Below Cal		# 1
20) Hexachlorobenzene	16.14	284	12	Below Cal		# 37
21) Pentachlorophenol	16.48	266	12	Below Cal		# 66
22) Phenanthrene	16.95	178	183	Below Cal		# 96
23) Anthracene	16.95	178	183	0.01	ng	# 95
24) Fluoranthene	19.26	202	169	0.01	ng	# 95
26) Pyrene	19.26	202	174	0.01	ng	# 83
28) Benzo(a)anthracene	21.02	228	338	0.03	ng	# 38
29) Chrysene	21.02	228	338	0.03	ng	# 49
30) Bis(2-ethylhexyl)phthalate	20.96	149	1623	0.23	ng	# 95
31) Indeno(1,2,3-cd)pyrene	25.19	276	81	0.01	ng	# 74
33) Benzo(b)fluoranthene	22.51	252	176	0.02	ng	# 1
34) Benzo(k)fluoranthene	22.51	252	176	0.02	ng	# 1
35) Benzo(a)pyrene	23.03	252	83	0.01	ng	# 1
36) Dibenzo(a,h)anthracene	25.20	278	31	0.00	ng	# 1
37) Benzo(g,h,i)perylene	25.82	276	79	0.01	ng	# 1

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



#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.40 min Scan# 306

Delta R.T. 0.00 min

Lab File: BM001406.D

Acq: 23 May 2015 06:24

Instrument :

BNA_M

ClientSampled :

RAV-GT-106

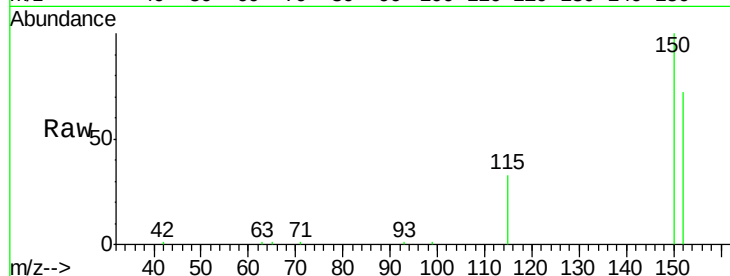
Tgt Ion:152 Resp: 10020

Ion Ratio Lower Upper

152 100

150 139.1 119.0 178.6

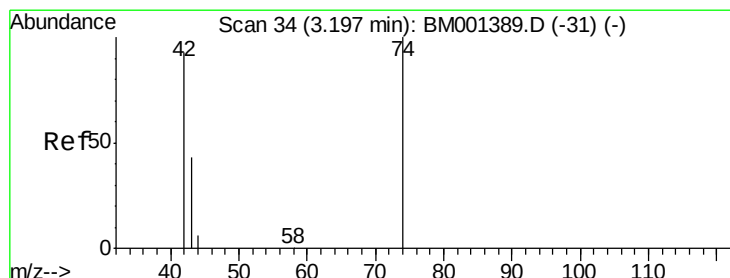
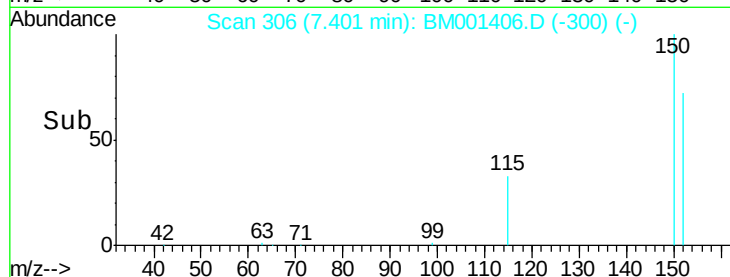
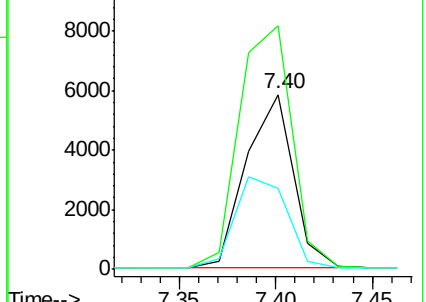
115 46.4 41.8 62.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#3

n-Nitrosodimethylamine

Concen: 0.03 ng

RT: 3.35 min Scan# 44

Delta R.T. 0.15 min

Lab File: BM001406.D

Acq: 23 May 2015 06:24

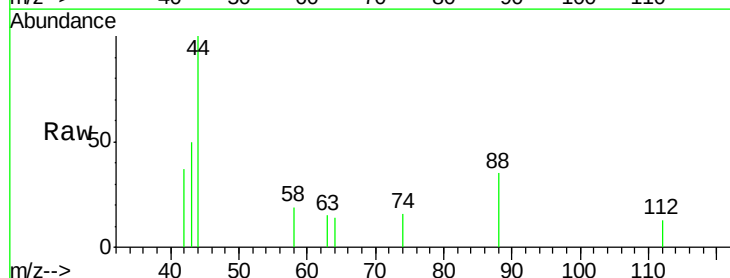
Tgt Ion: 42 Resp: 34

Ion Ratio Lower Upper

42 100

74 0.0 72.2 108.2#

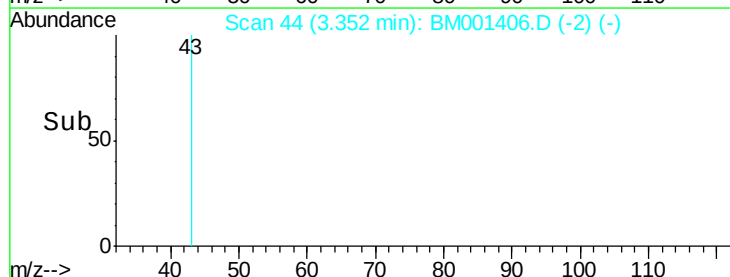
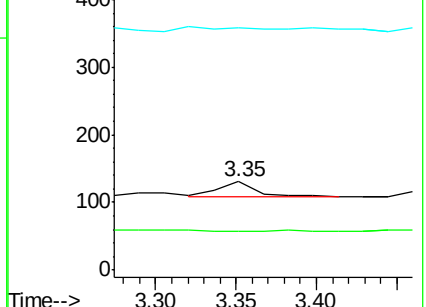
44 0.0 6.2 9.2#

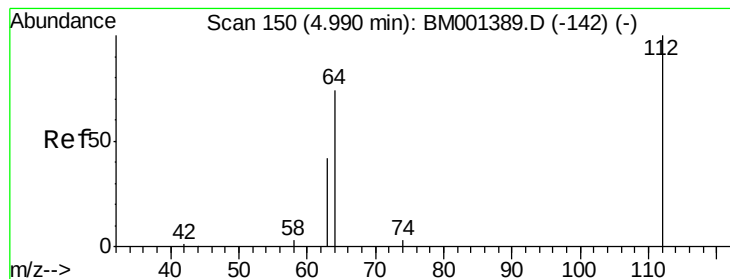


Abundance Ion 42.00 (41.70 to 42.70): BM0

Ion 74.00 (73.70 to 74.70): BM0

Ion 44.00 (43.70 to 44.70): BM0





#4

2-Fluorophenol

Concen: 3.78 ng

RT: 4.99 min Scan# 150

Delta R.T. 0.00 min

Lab File: BM001406.D

Acq: 23 May 2015 06:24

Instrument :

BNA_M

ClientSampleId :

RAV-GT-106

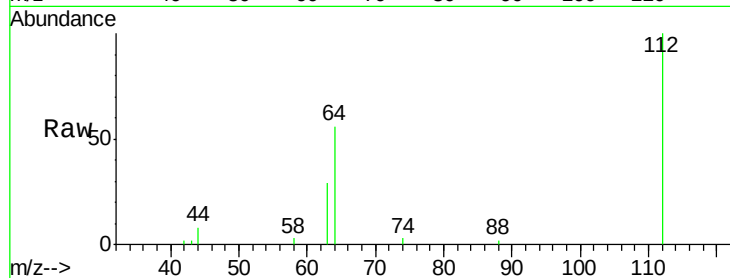
Tgt Ion: 112 Resp: 7481

Ion Ratio Lower Upper

112 100

64 64.1 51.7 77.5

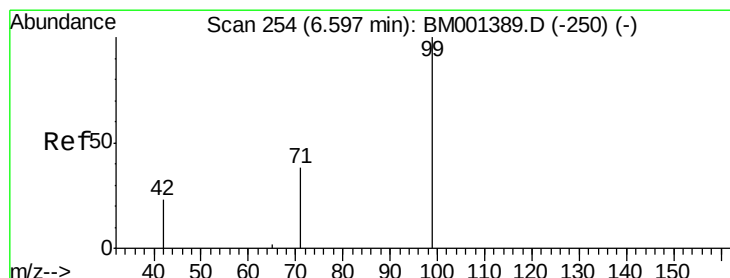
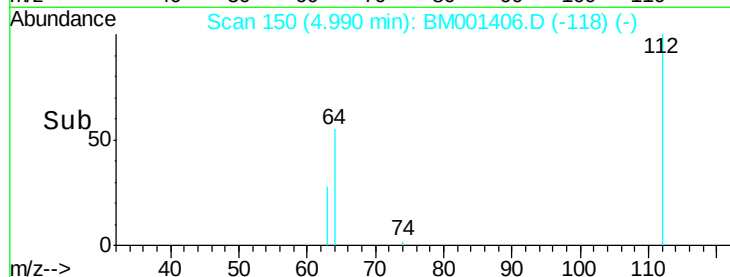
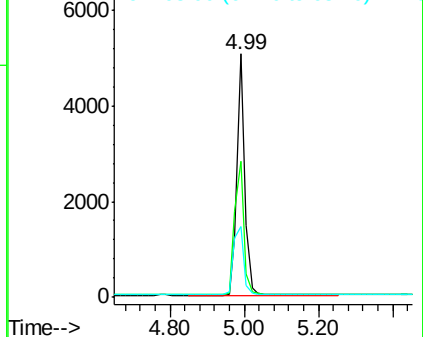
63 37.0 29.7 44.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#5

Phenol-d6

Concen: 2.44 ng

RT: 6.60 min Scan# 254

Delta R.T. 0.00 min

Lab File: BM001406.D

Acq: 23 May 2015 06:24

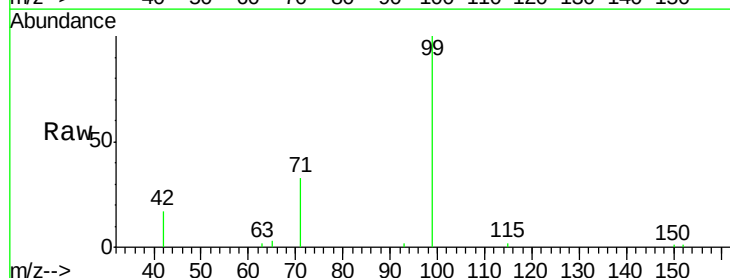
Tgt Ion: 99 Resp: 5595

Ion Ratio Lower Upper

99 100

42 25.7 21.8 32.6

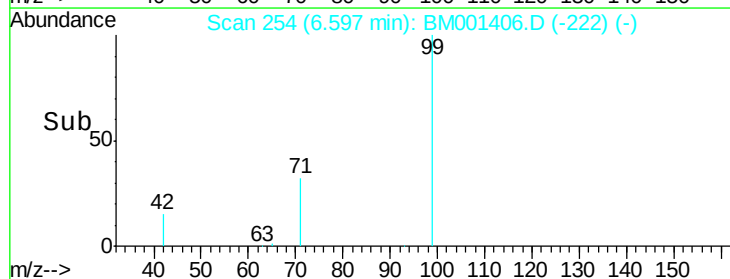
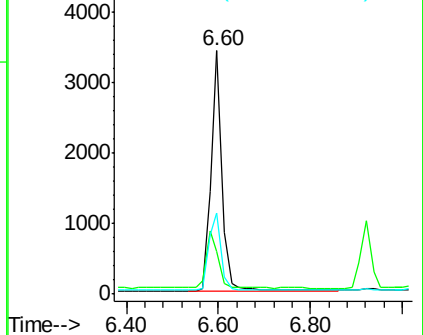
71 36.9 29.2 43.8

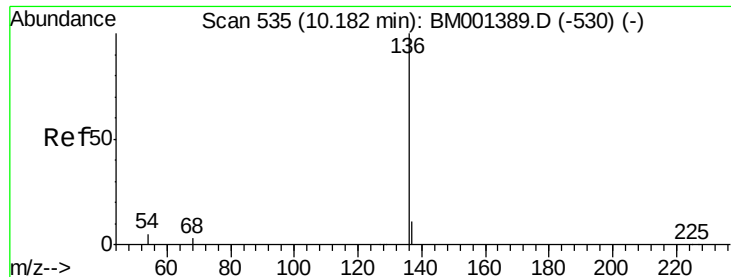


Abundance Ion 99.00 (98.70 to 99.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 71.00 (70.70 to 71.70): BM





#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.16 min Scan# 534

Delta R.T. -0.02 min

Lab File: BM001406.D

Acq: 23 May 2015 06:24

Instrument :

BNA_M

ClientSampleId :

RAV-GT-106

Tgt Ion:136 Resp: 36278

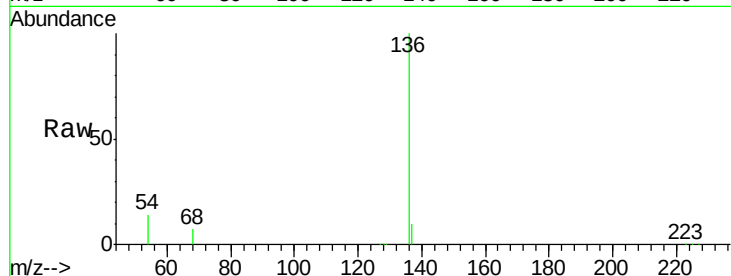
Ion Ratio Lower Upper

136 100

137 10.2 9.1 13.7

54 14.0 4.3 6.5#

68 7.4 2.6 4.0#

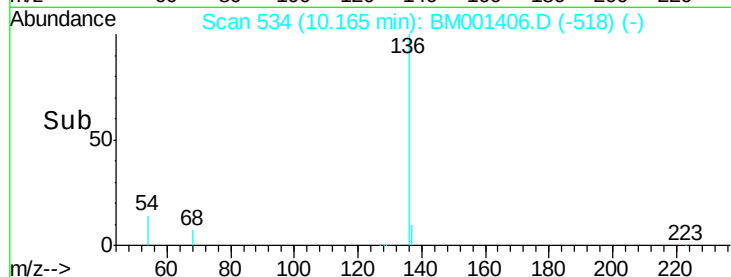


Abundance Ion 136.00 (135.70 to 136.70): E

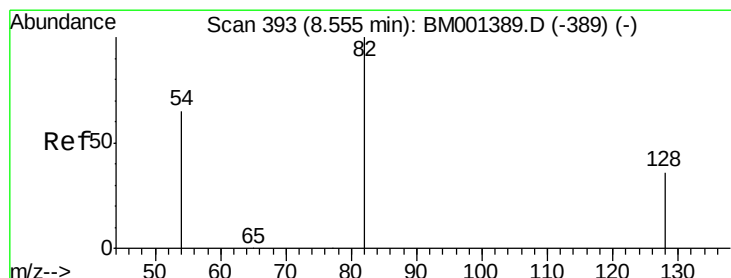
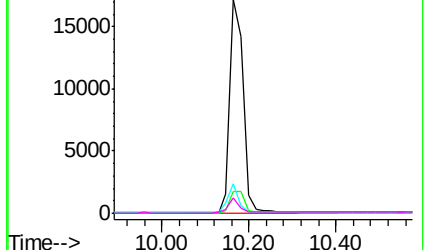
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



Time-->



#7

Nitrobenzene-d5

Concen: 6.52 ng

RT: 8.55 min Scan# 393

Delta R.T. 0.00 min

Lab File: BM001406.D

Acq: 23 May 2015 06:24

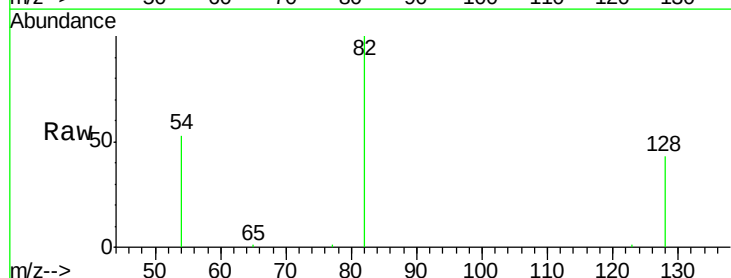
Tgt Ion: 82 Resp: 13656

Ion Ratio Lower Upper

82 100

128 42.6 30.2 45.4

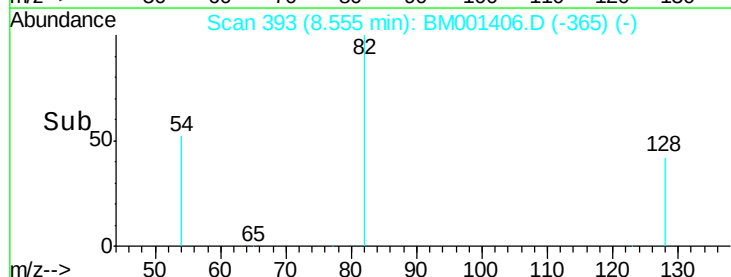
54 52.8 52.9 79.3#



Abundance Ion 82.00 (81.70 to 82.70): BM

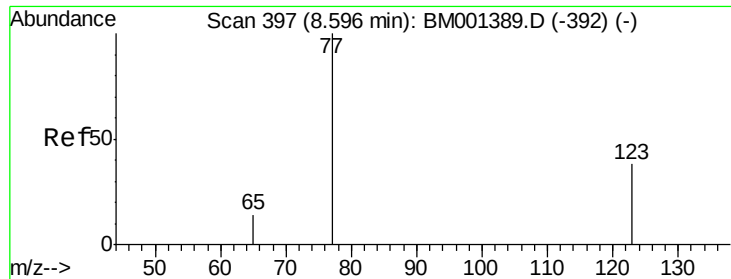
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM



Time-->





#8

Nitrobenzene

Concen: 0.03 ng

RT: 8.55 min Scan# 393

Delta R.T. -0.04 min

Lab File: BM001406.D

Acq: 23 May 2015 06:24

Instrument :

BNA_M

ClientSampleId :

RAV-GT-106

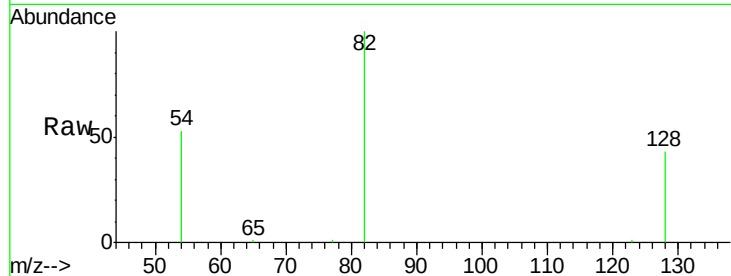
Tgt Ion: 77 Resp: 58

Ion Ratio Lower Upper

77 100

123 0.0 33.7 50.5#

65 37.9 11.3 16.9#



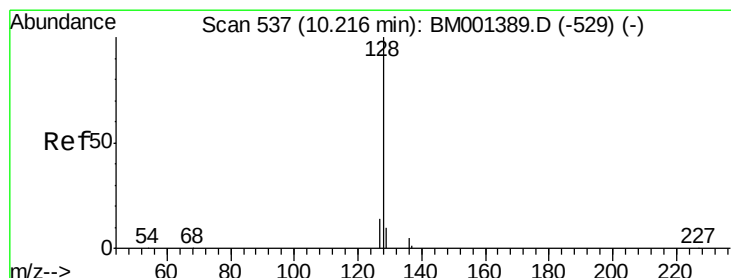
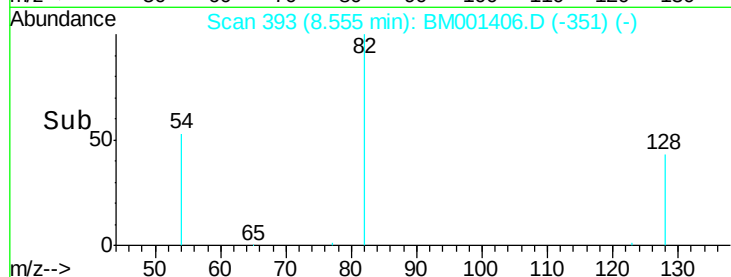
Abundance Ion 77.00 (76.70 to 77.70): BM001389.D (-392) (-)

Ion 123.00 (122.70 to 123.70): BM001389.D (-392) (-)

Ion 65.00 (64.70 to 65.70): BM001389.D (-392) (-)

8.55

Time-->



#9

Naphthalene

Concen: 0.02 ng

RT: 10.22 min Scan# 537

Delta R.T. 0.00 min

Lab File: BM001406.D

Acq: 23 May 2015 06:24

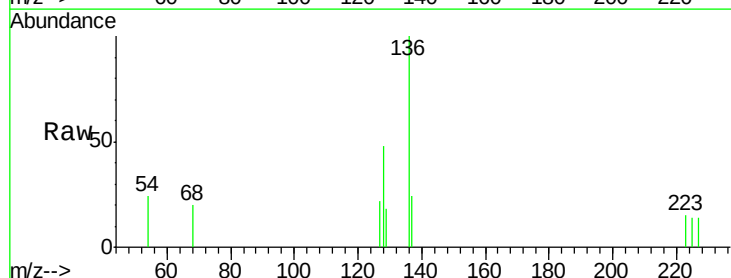
Tgt Ion: 128 Resp: 170

Ion Ratio Lower Upper

128 100

129 37.6 8.6 13.0#

127 45.2 11.7 17.5#



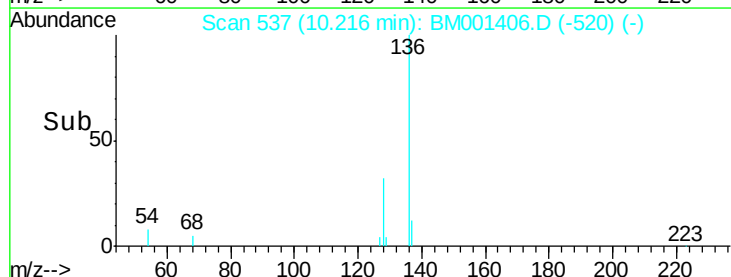
Abundance Ion 128.00 (127.70 to 128.70): BM001389.D (-529) (-)

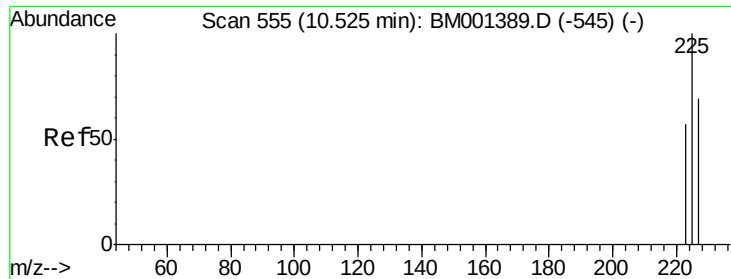
Ion 129.00 (128.70 to 129.70): BM001389.D (-529) (-)

Ion 127.00 (126.70 to 127.70): BM001389.D (-529) (-)

10.22

Time-->

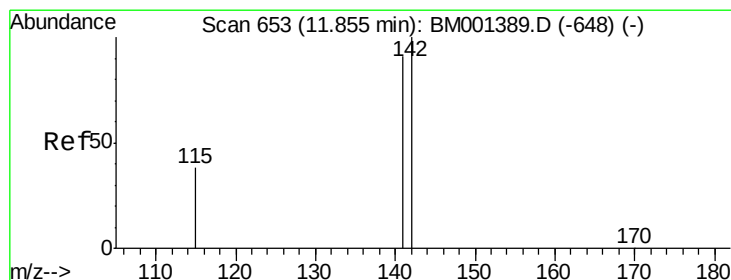
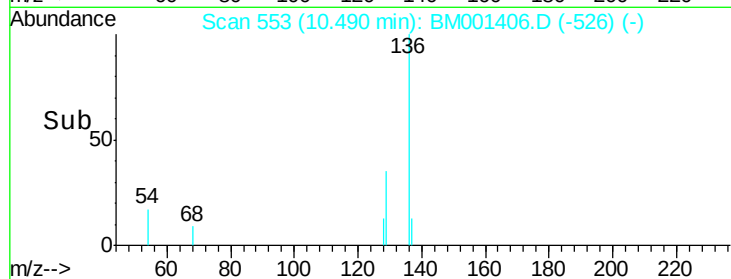
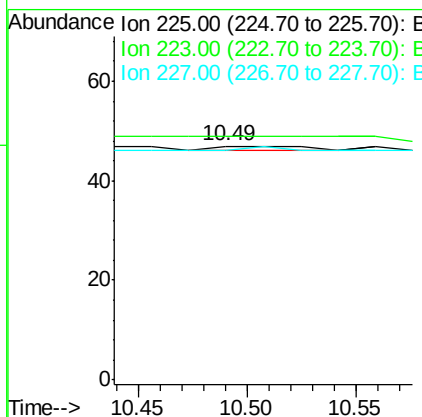
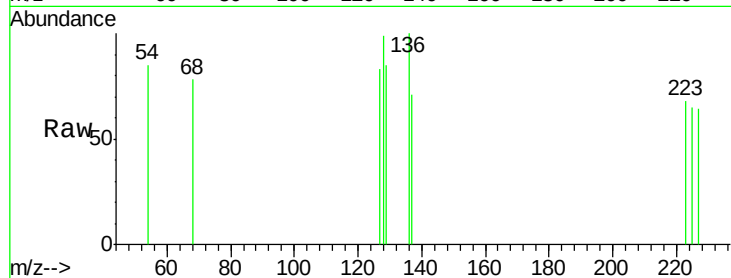




#10
Hexachlorobutadiene
Concen: 0.00 ng
RT: 10.49 min Scan# 553
Delta R.T. -0.03 min
Lab File: BM001406.D
Acq: 23 May 2015 06:24

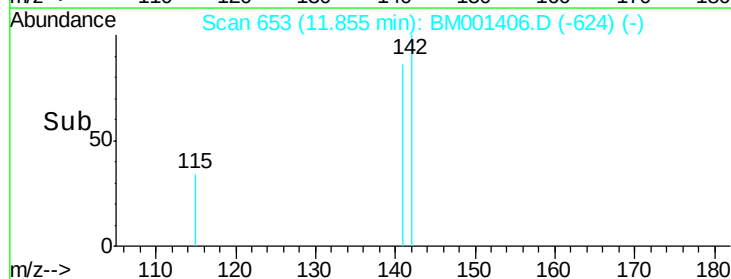
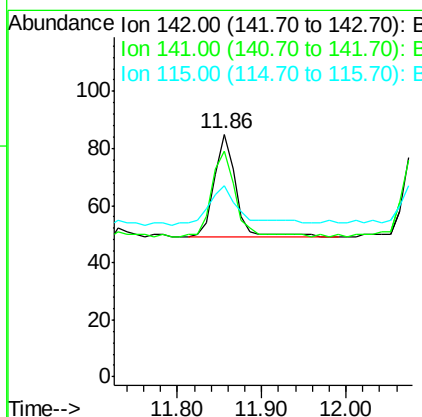
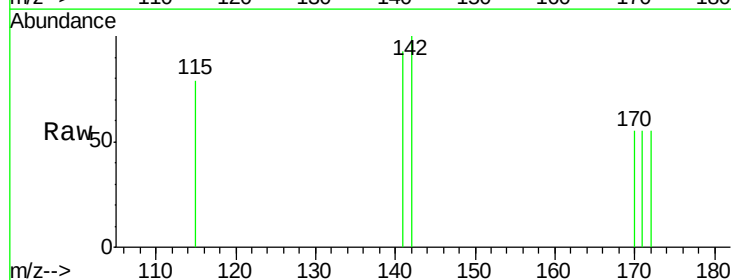
Instrument :
BNA_M
ClientSampleId :
RAV-GT-106

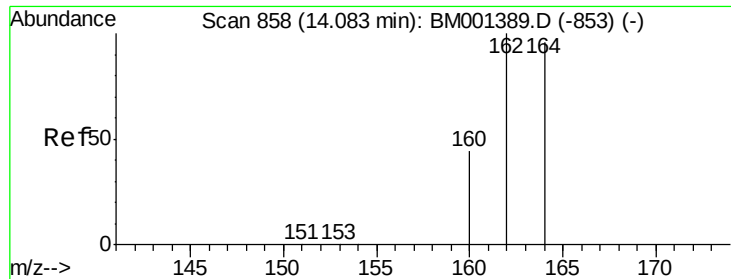
Tgt Ion: 225 Resp: 3
Ion Ratio Lower Upper
225 100
223 0.0 50.2 75.2#
227 33.3 51.1 76.7#



#11
2-Methylnaphthalene
Concen: 0.01 ng
RT: 11.86 min Scan# 653
Delta R.T. 0.00 min
Lab File: BM001406.D
Acq: 23 May 2015 06:24

Tgt Ion: 142 Resp: 65
Ion Ratio Lower Upper
142 100
141 92.9 72.6 109.0
115 78.8 31.2 46.8#

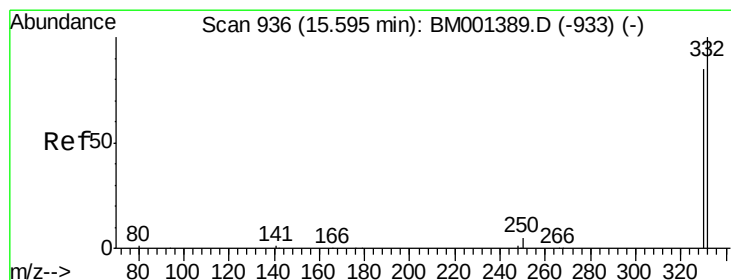
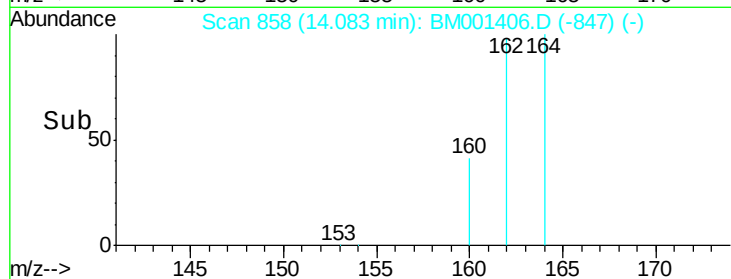
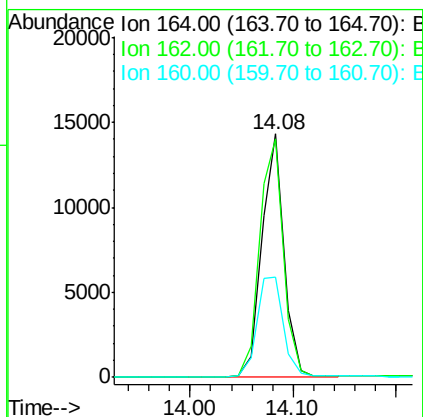
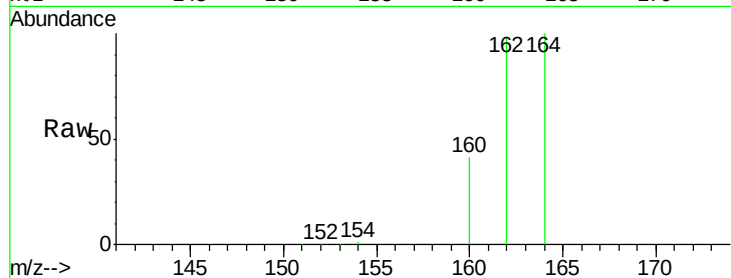




#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.08 min Scan# 858
Delta R.T. 0.00 min
Lab File: BM001406.D
Acq: 23 May 2015 06:24

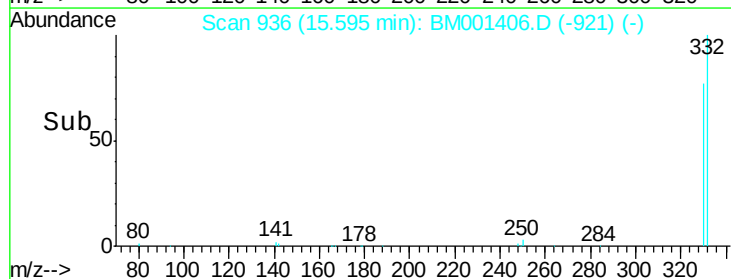
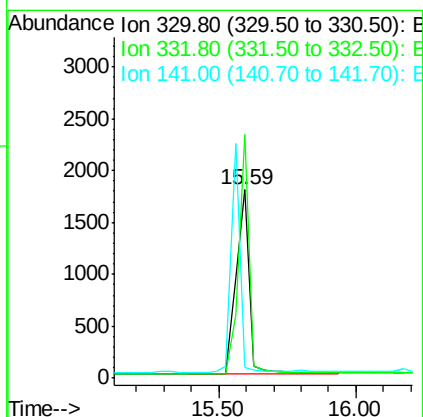
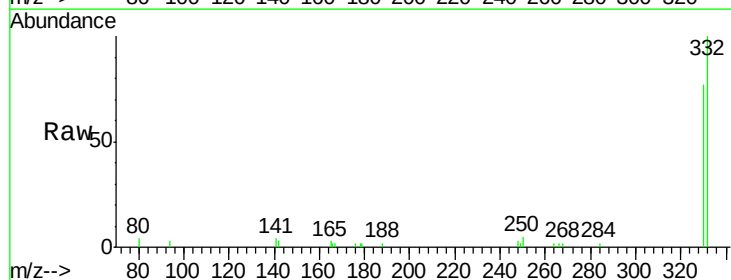
Instrument :
BNA_M
ClientSampleId :
RAV-GT-106

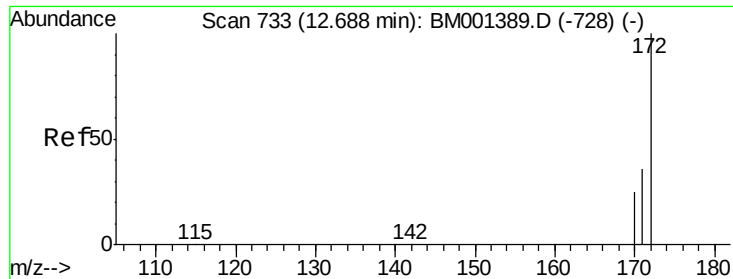
Tgt Ion:164 Resp: 21250
Ion Ratio Lower Upper
164 100
162 98.2 83.4 125.2
160 41.2 36.9 55.3



#13
2,4,6-Tribromophenol
Concen: 8.82 ng
RT: 15.59 min Scan# 936
Delta R.T. 0.00 min
Lab File: BM001406.D
Acq: 23 May 2015 06:24

Tgt Ion:330 Resp: 5825
Ion Ratio Lower Upper
330 100
332 106.6 90.3 135.5
141 0.0 0.0 0.0

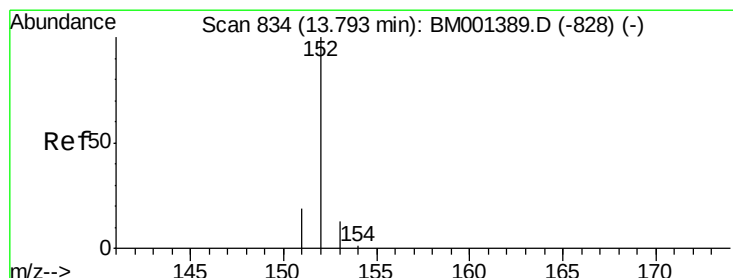
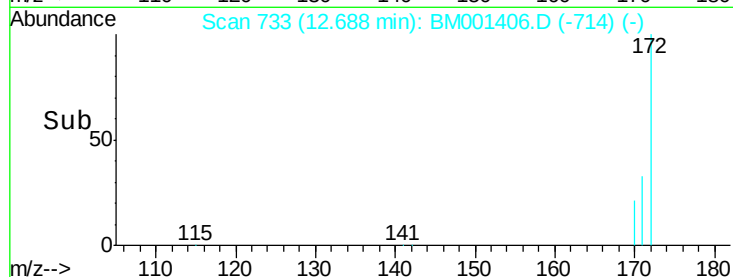
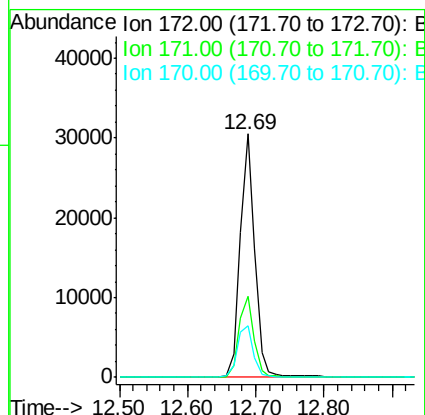
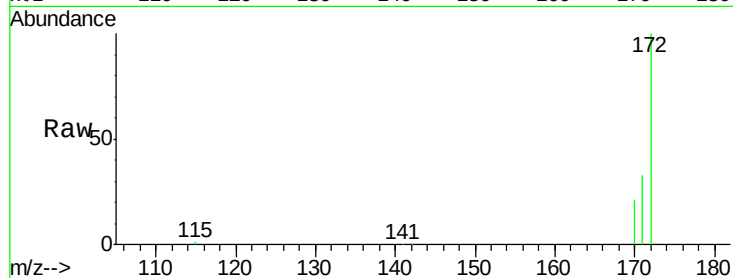




#14
2-Fluorobiphenyl
Concen: 6.93 ng
RT: 12.69 min Scan# 733
Delta R.T. 0.00 min
Lab File: BM001406.D
Acq: 23 May 2015 06:24

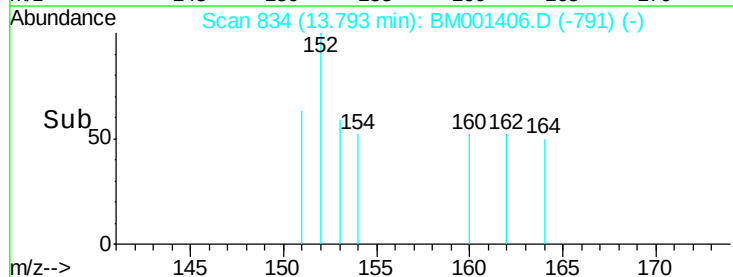
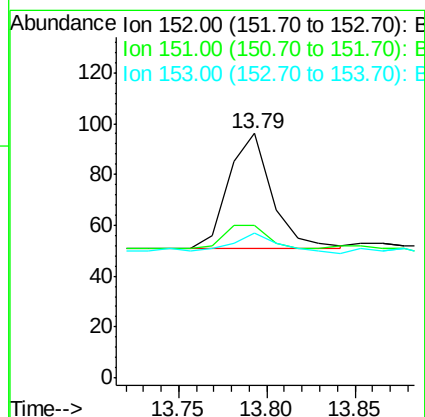
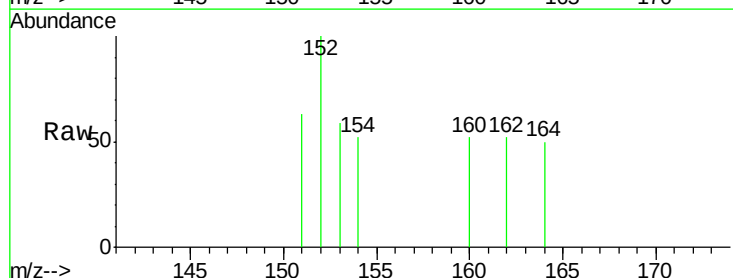
Instrument :
BNA_M
ClientSampleId :
RAV-GT-106

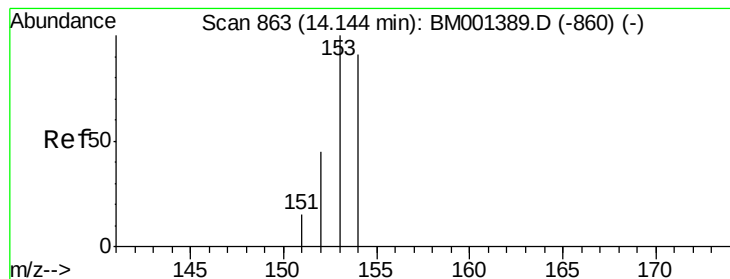
Tgt Ion:172 Resp: 45328
Ion Ratio Lower Upper
172 100
171 33.5 29.4 44.0
170 21.3 20.2 30.4



#15
Acenaphthylene
Concen: 0.01 ng
RT: 13.79 min Scan# 834
Delta R.T. 0.00 min
Lab File: BM001406.D
Acq: 23 May 2015 06:24

Tgt Ion:152 Resp: 77
Ion Ratio Lower Upper
152 100
151 0.0 15.1 22.7#
153 0.0 10.2 15.4#





#16

Acenaphthene

Concen: 0.00 ng

RT: 14.55 min Scan# 897

Delta R.T. 0.41 min

Lab File: BM001406.D

Acq: 23 May 2015 06:24

Instrument :

BNA_M

ClientSampleId :

RAV-GT-106

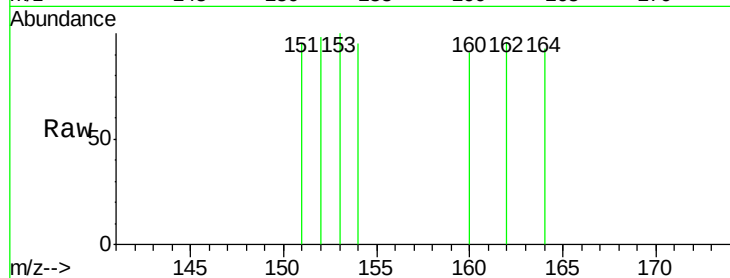
Tgt Ion:154 Resp: 8

Ion Ratio Lower Upper

154 100

153 100.0 91.4 137.2

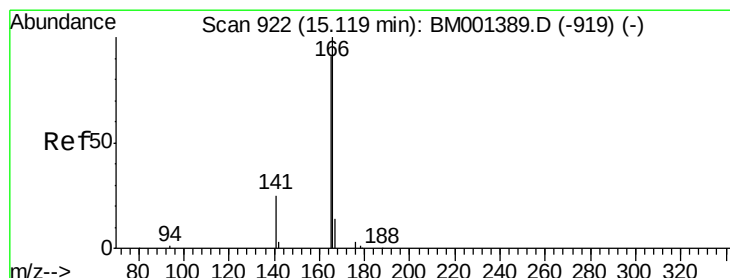
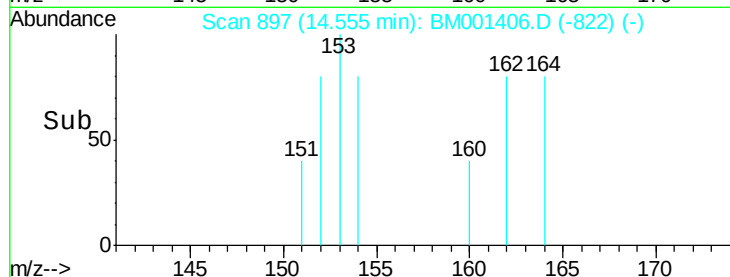
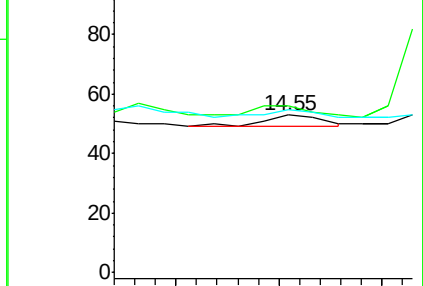
152 62.5 44.0 66.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#17

Fluorene

Concen: 0.08 ng

RT: 14.71 min Scan# 910

Delta R.T. -0.41 min

Lab File: BM001406.D

Acq: 23 May 2015 06:24

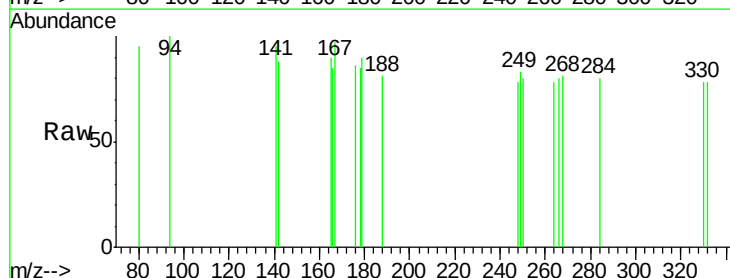
Tgt Ion:166 Resp: 171

Ion Ratio Lower Upper

166 100

165 0.0 72.6 108.8#

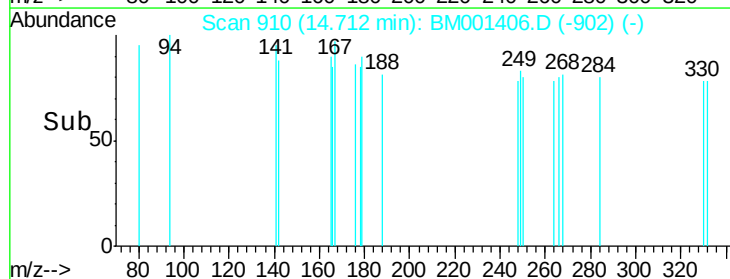
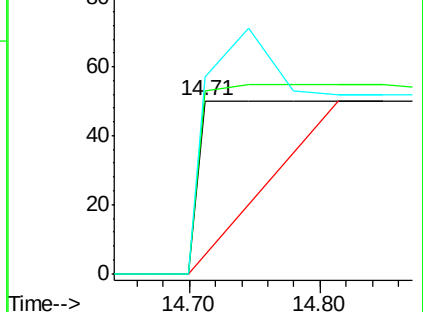
167 0.0 10.9 16.3#

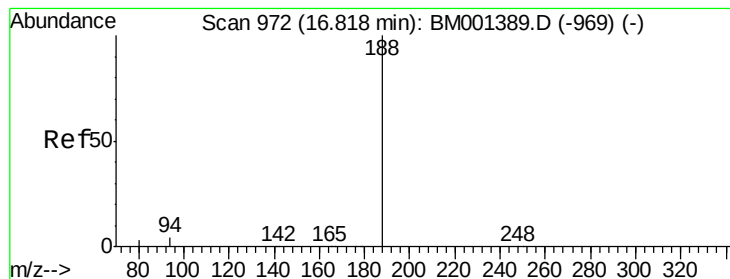


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.82 min Scan# 972

Delta R.T. 0.00 min

Lab File: BM001406.D

Acq: 23 May 2015 06:24

Instrument :

BNA_M

ClientSampleId :

RAV-GT-106

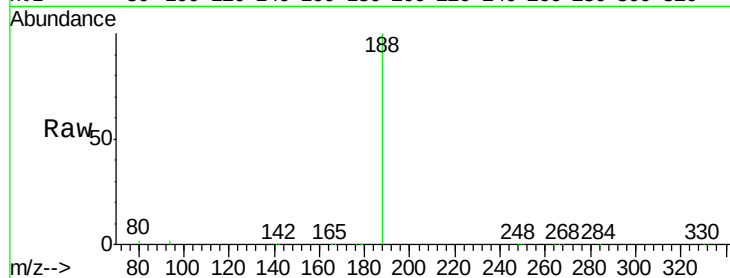
Tgt Ion:188 Resp: 74055

Ion Ratio Lower Upper

188 100

94 1.9 3.0 4.4#

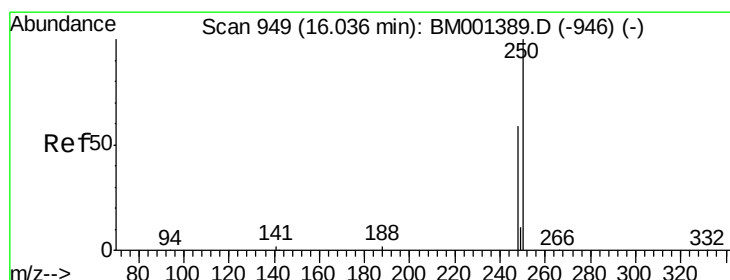
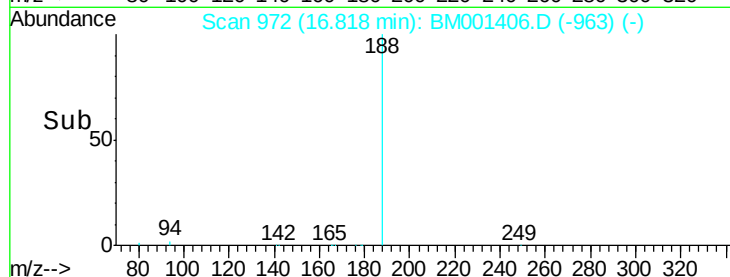
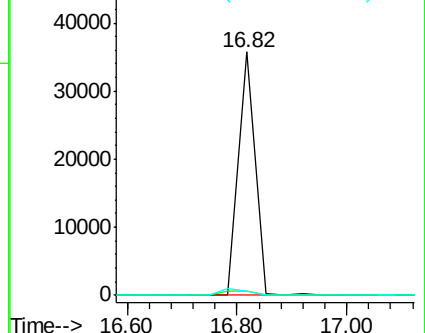
80 1.6 2.5 3.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#19

4-Bromophenyl-phenylether

Concen: Below Cal

RT: 15.87 min Scan# 944

Delta R.T. -0.17 min

Lab File: BM001406.D

Acq: 23 May 2015 06:24

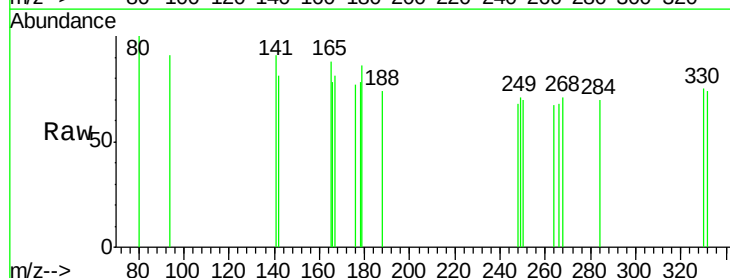
Tgt Ion:248 Resp: 14

Ion Ratio Lower Upper

248 100

250 0.0 117.8 176.6#

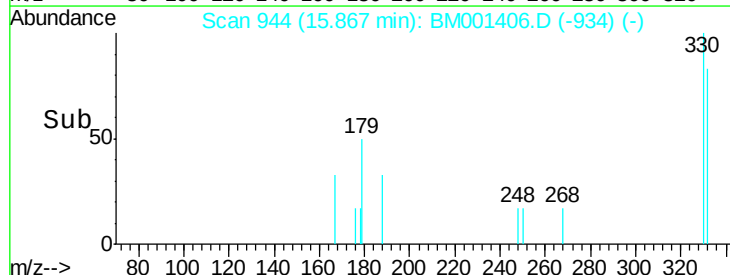
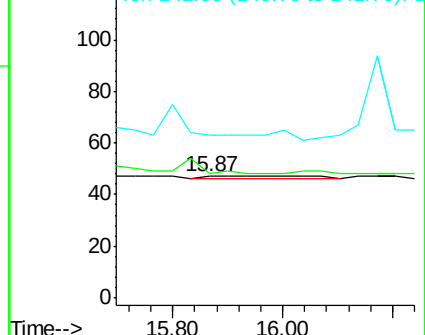
141 0.0 0.0 0.0

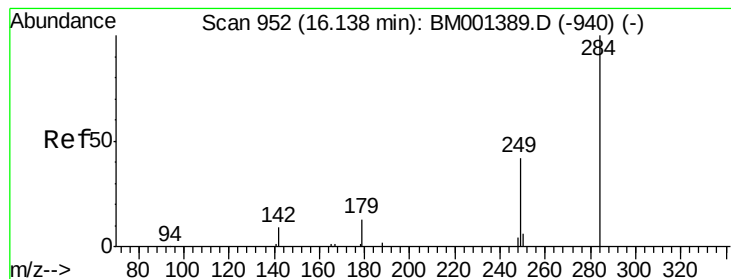


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#20

Hexachlorobenzene

Concen: Below Cal

RT: 16.14 min Scan# 952

Delta R.T. 0.00 min

Lab File: BM001406.D

Acq: 23 May 2015 06:24

Instrument :

BNA_M

ClientSampleId :

RAV-GT-106

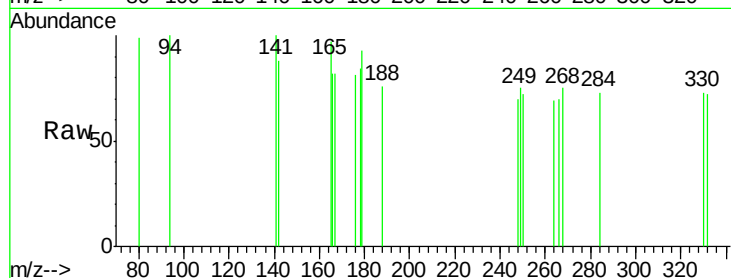
Tgt Ion:284 Resp: 12

Ion Ratio Lower Upper

284 100

142 0.0 13.9 20.9#

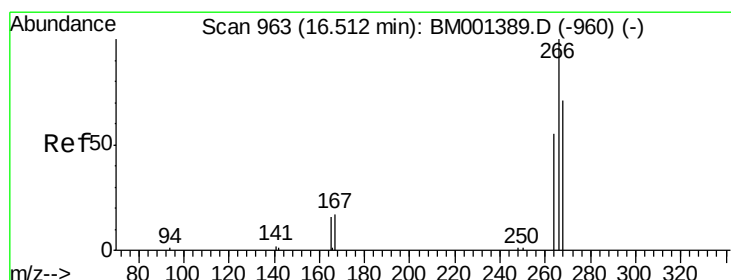
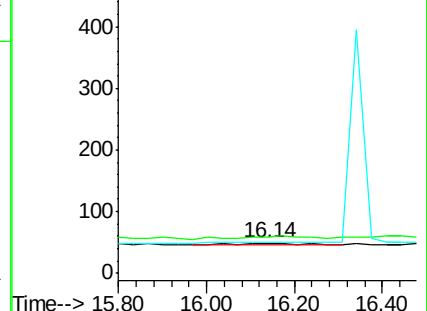
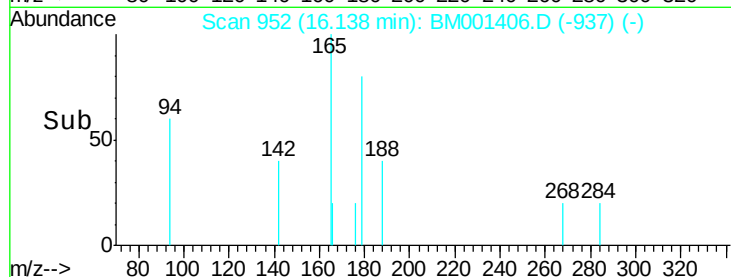
249 0.0 39.0 58.4#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#21

Pentachlorophenol

Concen: Below Cal

RT: 16.48 min Scan# 962

Delta R.T. -0.03 min

Lab File: BM001406.D

Acq: 23 May 2015 06:24

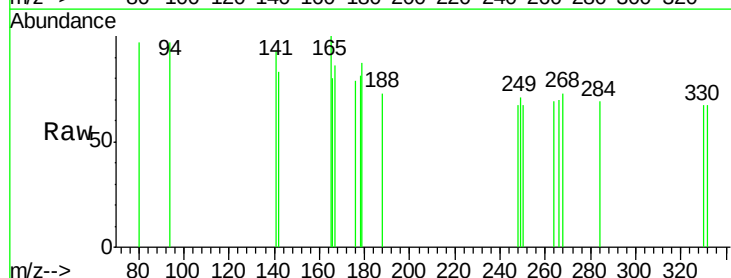
Tgt Ion:266 Resp: 12

Ion Ratio Lower Upper

266 100

268 104.1 63.0 94.4#

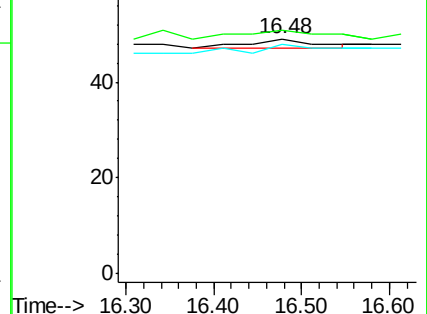
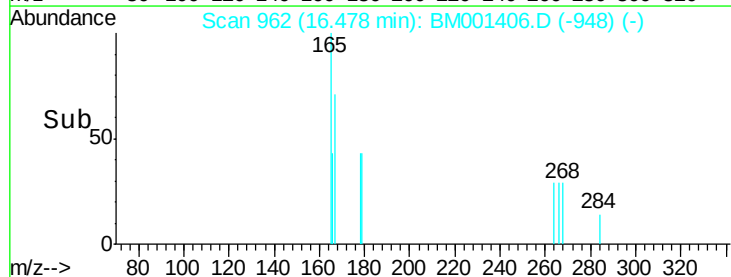
264 98.0 52.8 79.2#

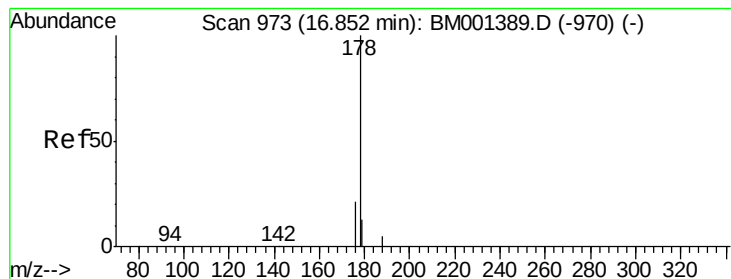


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#22

Phenanthrene

Concen: Below Cal

RT: 16.95 min Scan# 976

Delta R.T. 0.10 min

Lab File: BM001406.D

Acq: 23 May 2015 06:24

Instrument :

BNA_M

ClientSampleId :

RAV-GT-106

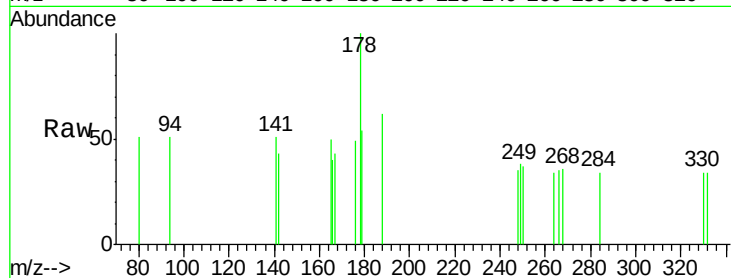
Tgt Ion:178 Resp: 183

Ion Ratio Lower Upper

178 100

176 19.1 16.8 25.2

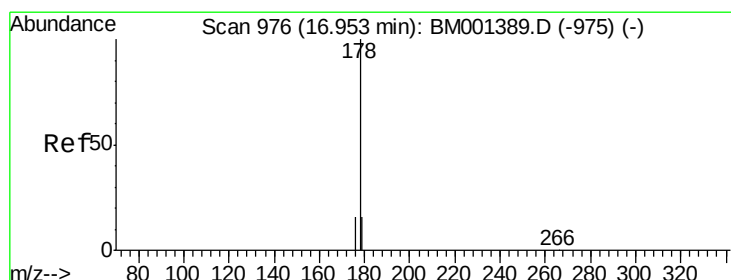
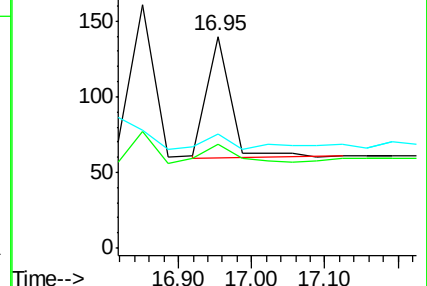
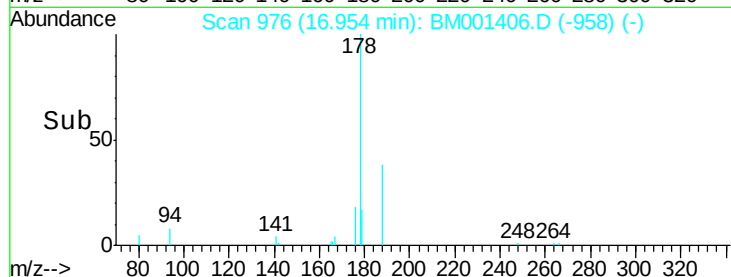
179 12.0 11.0 16.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#23

Anthracene

Concen: 0.01 ng

RT: 16.95 min Scan# 976

Delta R.T. 0.00 min

Lab File: BM001406.D

Acq: 23 May 2015 06:24

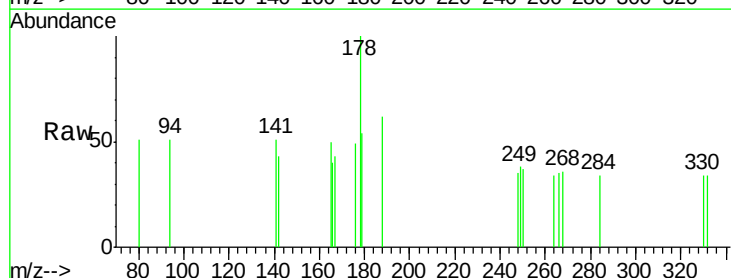
Tgt Ion:178 Resp: 183

Ion Ratio Lower Upper

178 100

176 16.9 13.1 19.7

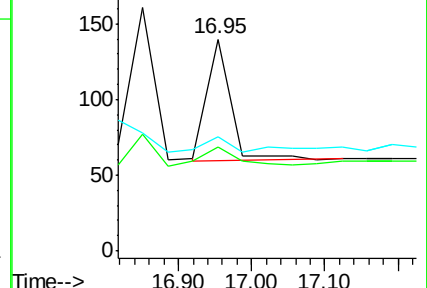
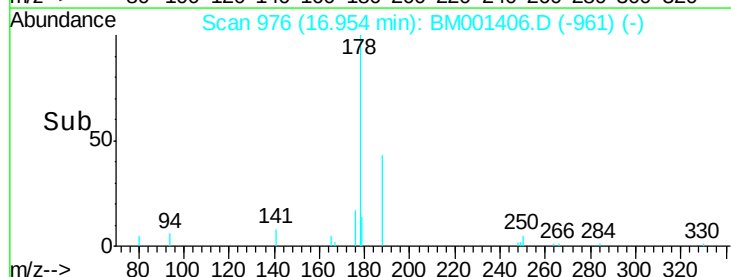
179 12.0 12.8 19.2#

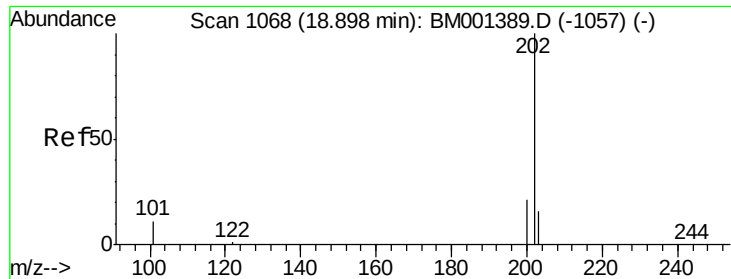


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Fluoranthene

Concen: 0.01 ng

RT: 19.26 min Scan# 1098

Delta R.T. 0.36 min

Lab File: BM001406.D

Acq: 23 May 2015 06:24

Instrument :

BNA_M

ClientSampleId :

RAV-GT-106

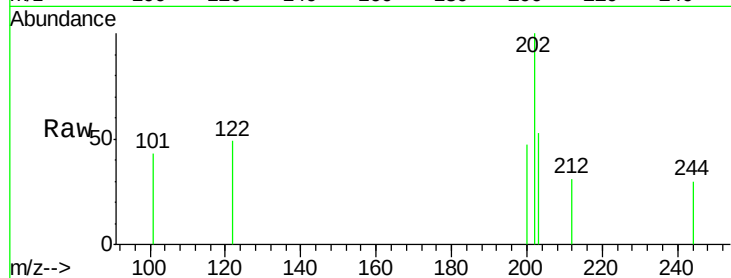
Tgt Ion:202 Resp: 169

Ion Ratio Lower Upper

202 100

101 11.8 8.6 12.8

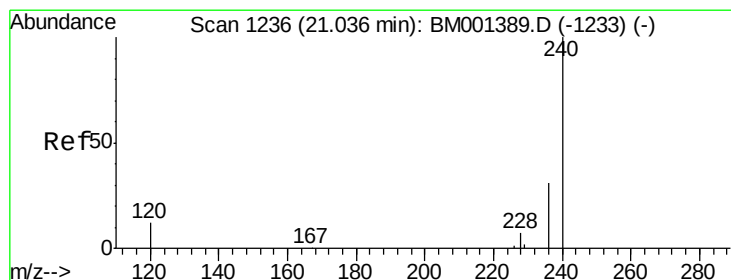
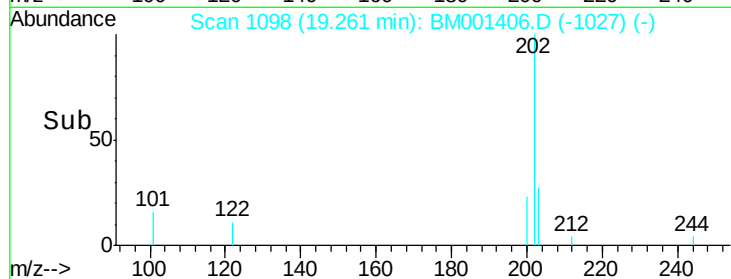
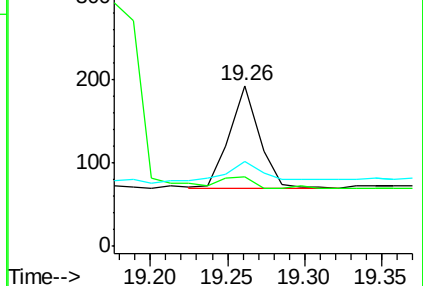
203 20.1 13.8 20.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.04 min Scan# 1236

Delta R.T. 0.00 min

Lab File: BM001406.D

Acq: 23 May 2015 06:24

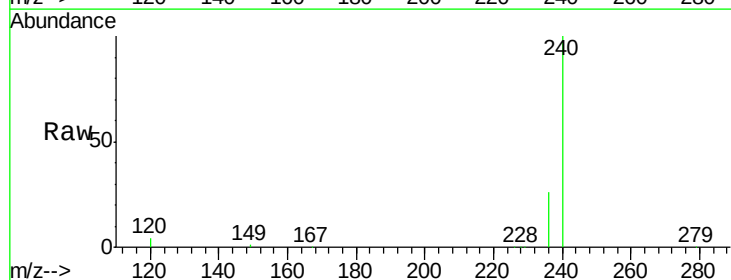
Tgt Ion:240 Resp: 44845

Ion Ratio Lower Upper

240 100

120 3.6 9.7 14.5#

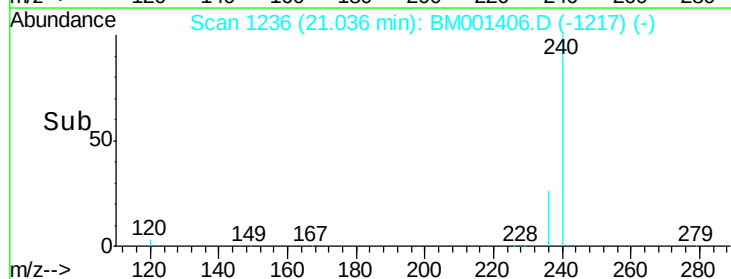
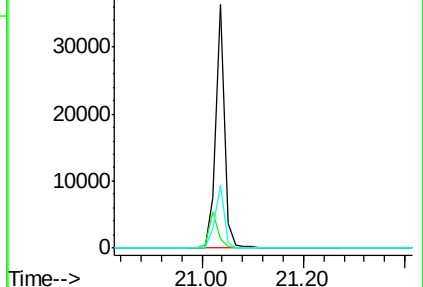
236 25.7 24.8 37.2

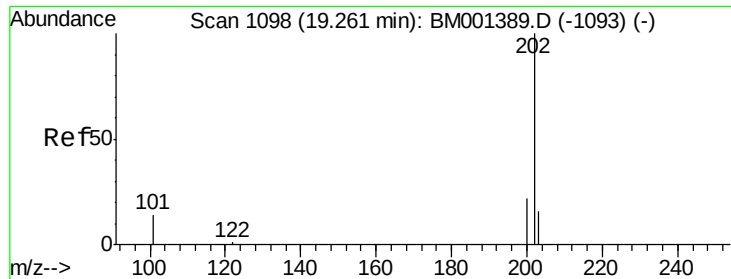


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#26

Pyrene

Concen: 0.01 ng

RT: 19.26 min Scan# 1098

Delta R.T. 0.00 min

Lab File: BM001406.D

Acq: 23 May 2015 06:24

Instrument :

BNA_M

ClientSampleId :

RAV-GT-106

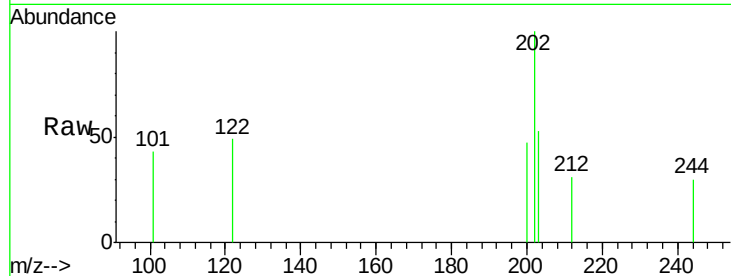
Tgt Ion:202 Resp: 174

Ion Ratio Lower Upper

202 100

200 23.0 16.4 24.6

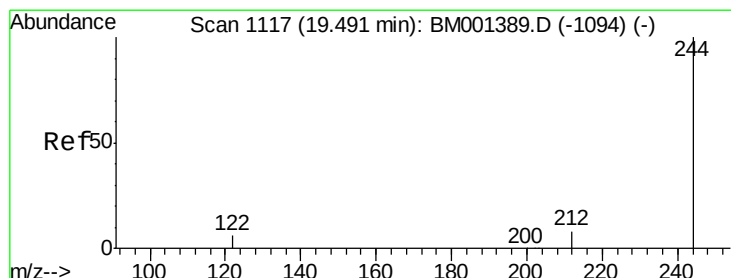
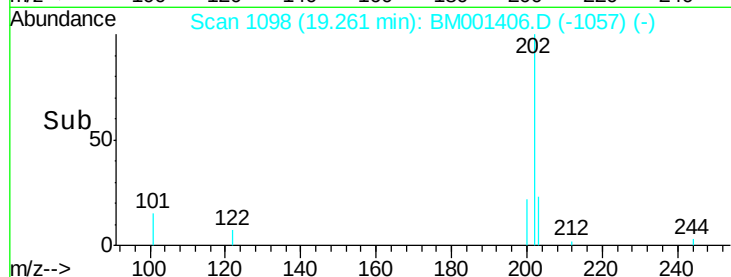
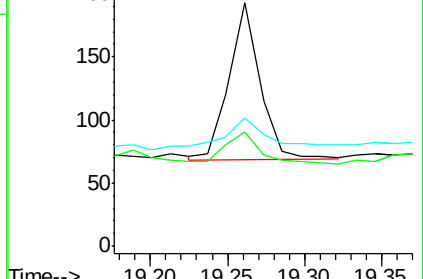
203 31.0 13.9 20.9#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#27

Terphenyl-d14

Concen: 8.32 ng

RT: 19.48 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BM001406.D

Acq: 23 May 2015 06:24

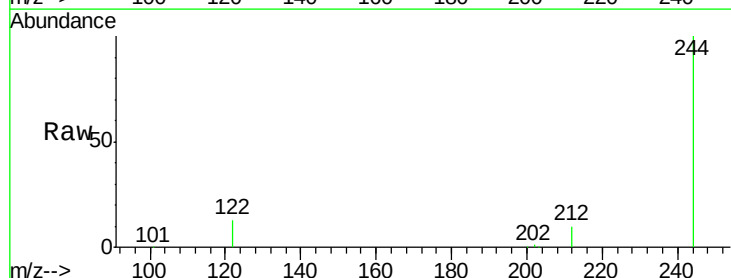
Tgt Ion:244 Resp: 50488

Ion Ratio Lower Upper

244 100

212 10.2 7.2 10.8

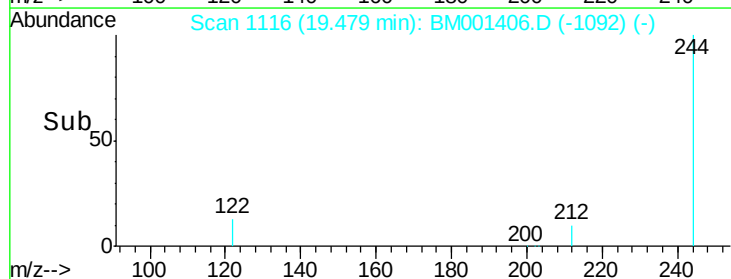
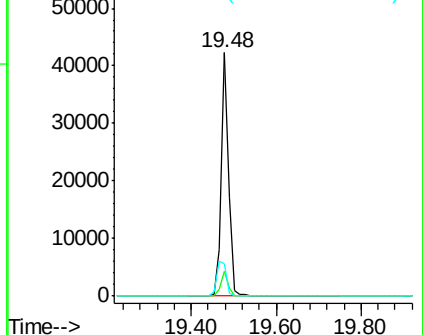
122 13.3 5.1 7.7#

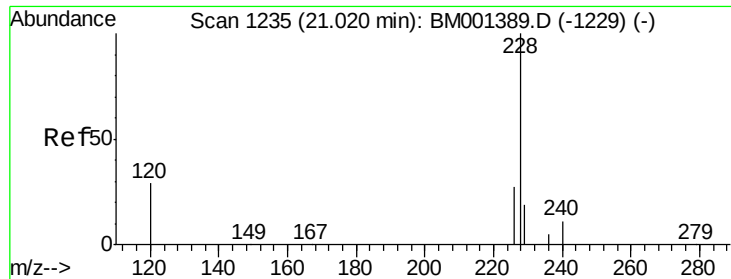


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#28

Benzo(a)anthracene

Concen: 0.03 ng

RT: 21.02 min Scan# 1235

Delta R.T. 0.00 min

Lab File: BM001406.D

Acq: 23 May 2015 06:24

Instrument :

BNA_M

ClientSampleId :

RAV-GT-106

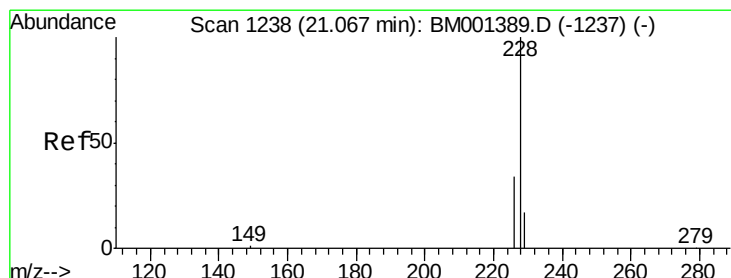
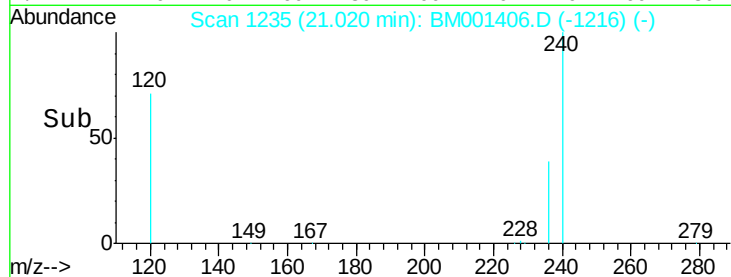
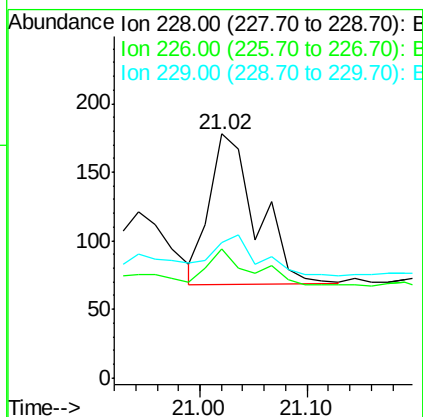
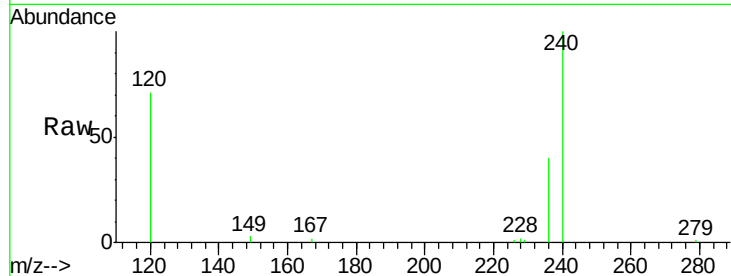
Tgt Ion:228 Resp: 338

Ion Ratio Lower Upper

228 100

226 52.8 21.9 32.9#

229 55.6 15.1 22.7#



#29

Chrysene

Concen: 0.03 ng

RT: 21.02 min Scan# 1235

Delta R.T. -0.05 min

Lab File: BM001406.D

Acq: 23 May 2015 06:24

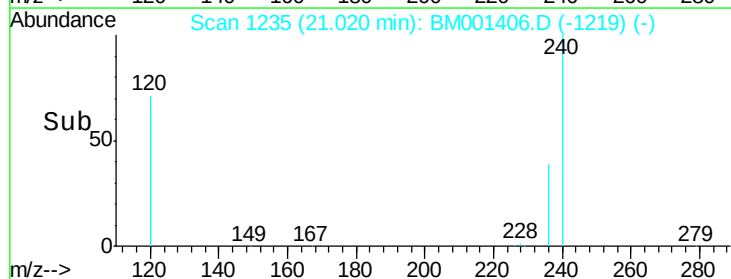
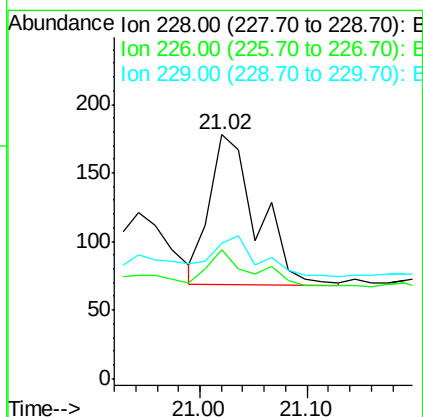
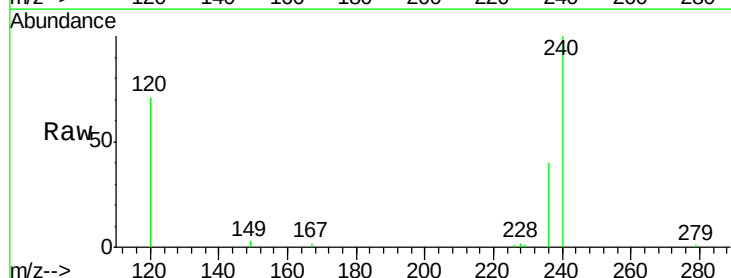
Tgt Ion:228 Resp: 338

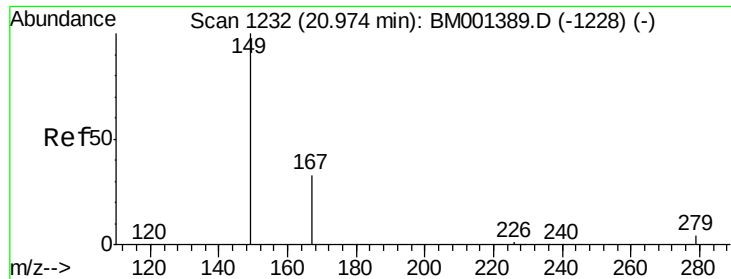
Ion Ratio Lower Upper

228 100

226 52.8 27.6 41.4#

229 55.6 13.6 20.4#





#30

Bis(2-ethylhexyl)phthalate

Concen: 0.23 ng

RT: 20.96 min Scan# 1231

Delta R.T. -0.02 min

Lab File: BM001406.D

Acq: 23 May 2015 06:24

Instrument :

BNA_M

ClientSampleId :

RAV-GT-106

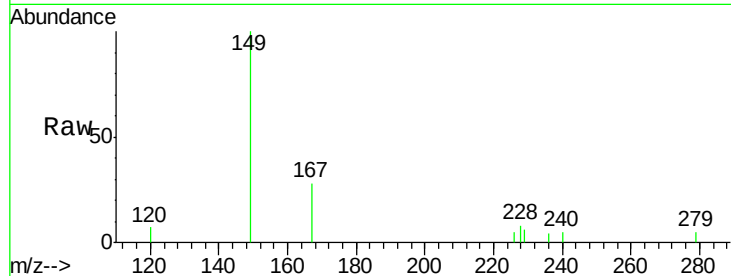
Tgt Ion:149 Resp: 1623

Ion Ratio Lower Upper

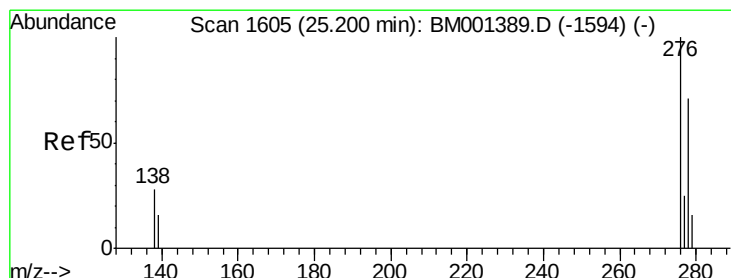
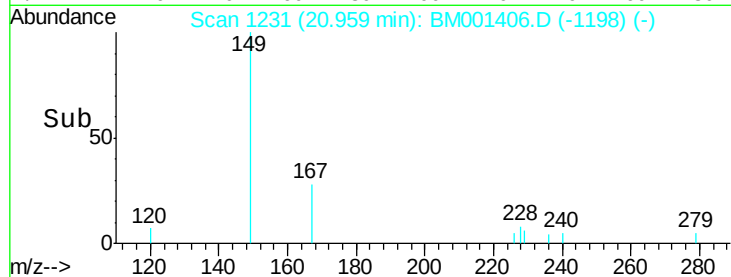
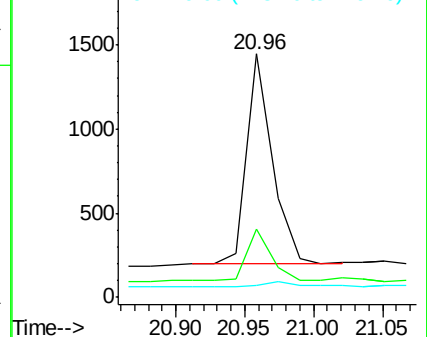
149 100

167 23.2 21.0 31.6

279 2.5 2.2 3.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#31

Indeno(1,2,3-cd)pyrene

Concen: 0.01 ng

RT: 25.19 min Scan# 1604

Delta R.T. -0.01 min

Lab File: BM001406.D

Acq: 23 May 2015 06:24

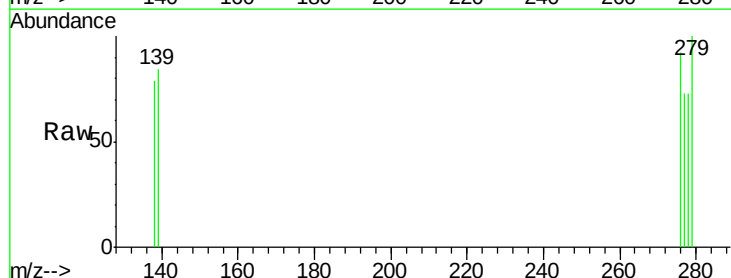
Tgt Ion:276 Resp: 81

Ion Ratio Lower Upper

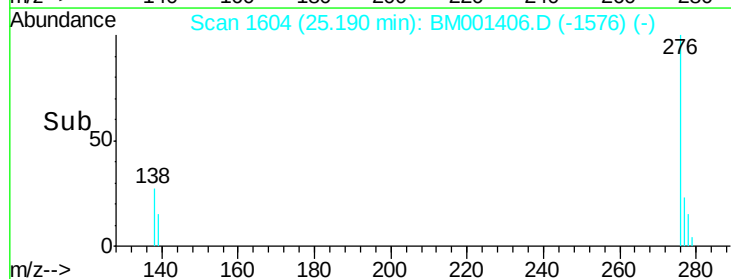
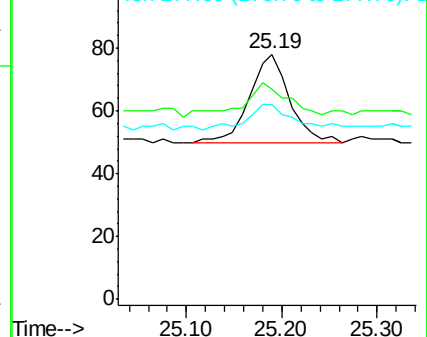
276 100

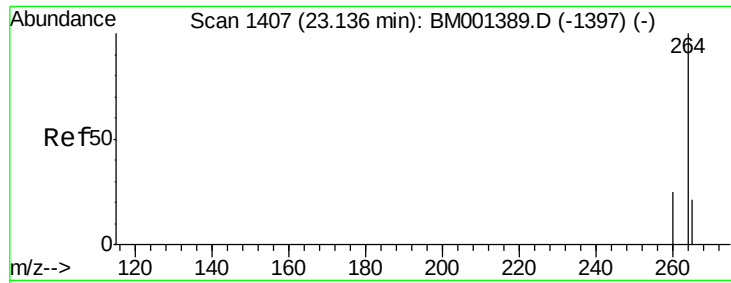
138 45.7 23.4 35.0#

277 34.6 19.5 29.3#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

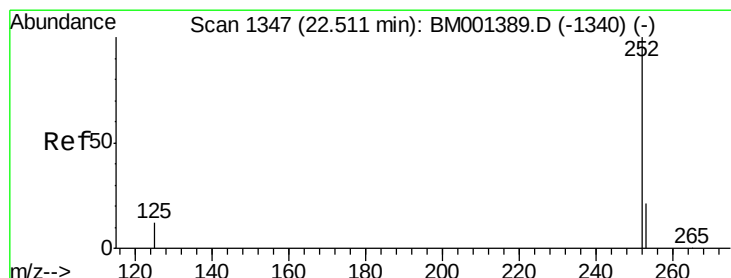
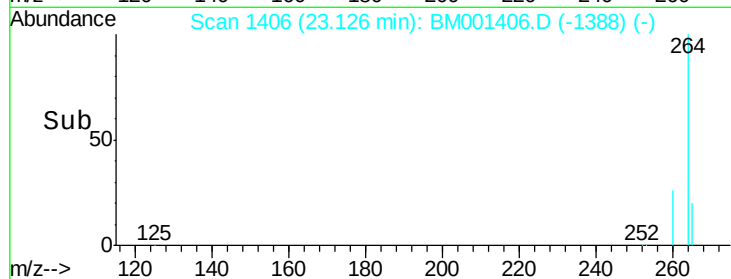
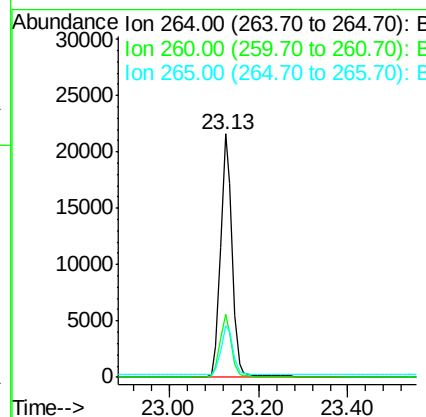
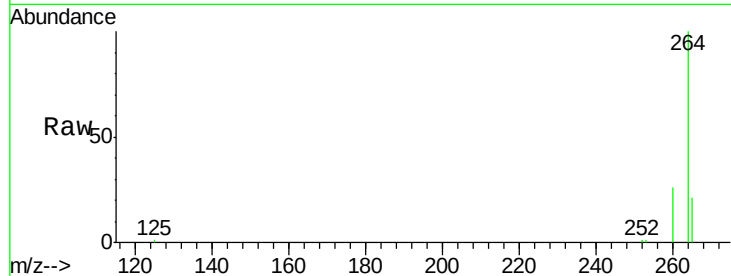




#32
Perylene-d12
 Concen: 5.00 ng
 RT: 23.13 min Scan# 1406
 Delta R.T. -0.01 min
 Lab File: BM001406.D
 Acq: 23 May 2015 06:24

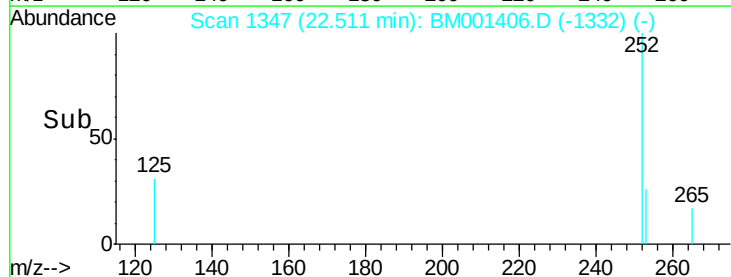
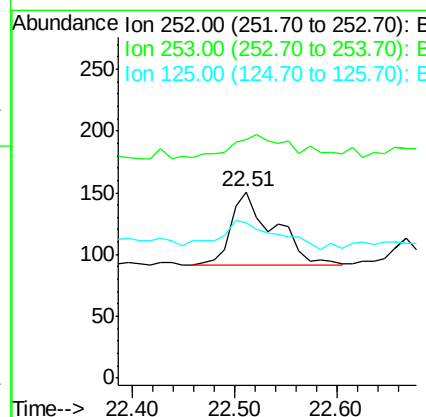
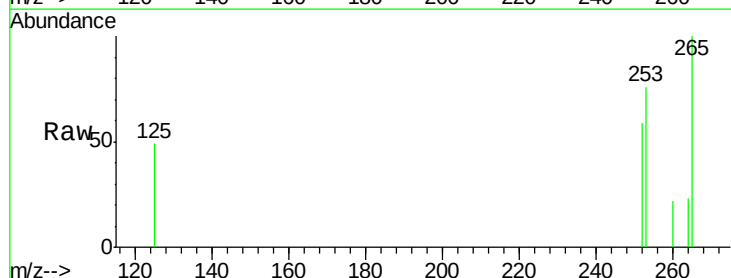
Instrument :
 BNA_M
 ClientSampleId :
 RAV-GT-106

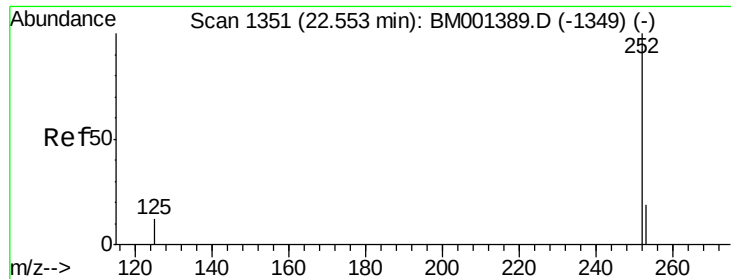
Tgt Ion: 264 Resp: 38118
 Ion Ratio Lower Upper
 264 100
 260 26.0 20.1 30.1
 265 21.3 17.1 25.7



#33
Benzo(b)fluoranthene
 Concen: 0.02 ng
 RT: 22.51 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: BM001406.D
 Acq: 23 May 2015 06:24

Tgt Ion: 252 Resp: 176
 Ion Ratio Lower Upper
 252 100
 253 127.8 17.4 26.0#
 125 83.4 10.2 15.4#





#34

Benzo(k)fluoranthene

Concen: 0.02 ng

RT: 22.51 min Scan# 1347

Delta R.T. -0.04 min

Lab File: BM001406.D

Acq: 23 May 2015 06:24

Instrument :

BNA_M

ClientSampleId :

RAV-GT-106

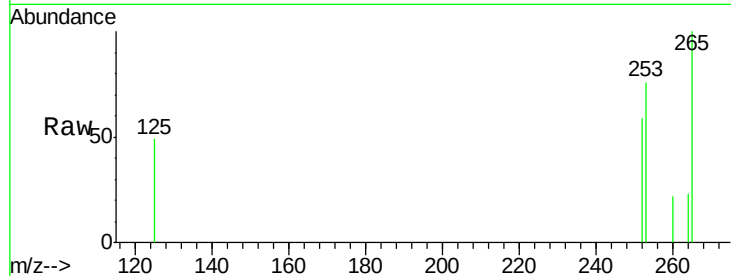
Tgt Ion: 252 Resp: 176

Ion Ratio Lower Upper

252 100

253 127.8 17.6 26.4#

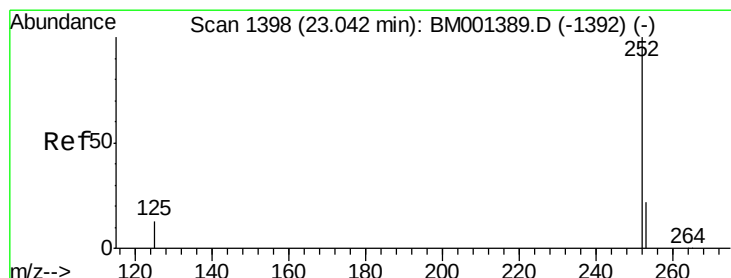
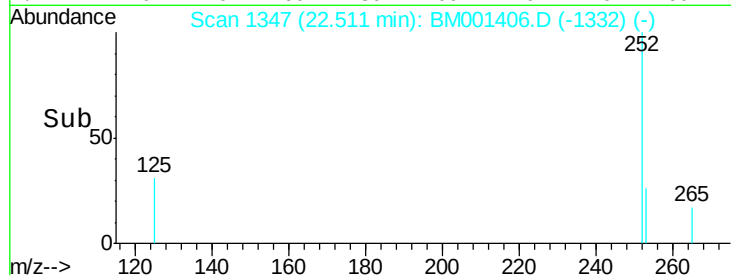
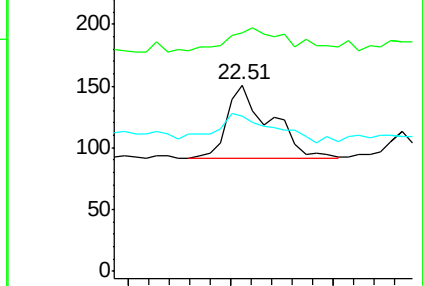
125 83.4 9.7 14.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#35

Benzo(a)pyrene

Concen: 0.01 ng

RT: 23.03 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BM001406.D

Acq: 23 May 2015 06:24

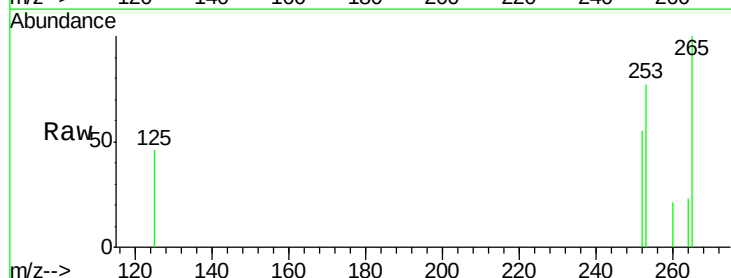
Tgt Ion: 252 Resp: 83

Ion Ratio Lower Upper

252 100

253 138.7 18.6 28.0#

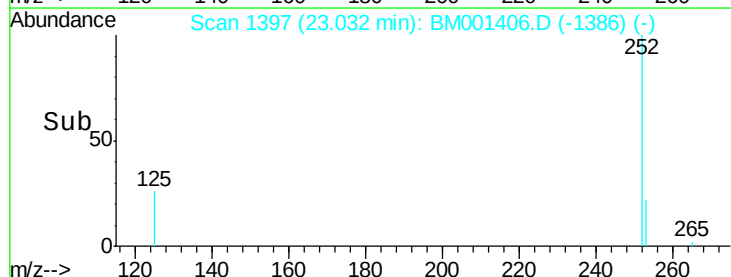
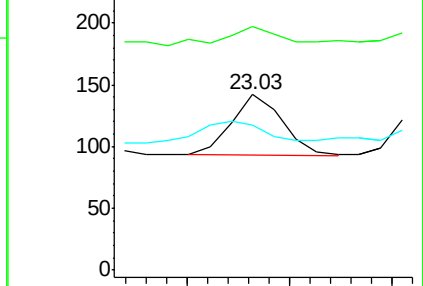
125 82.4 10.7 16.1#

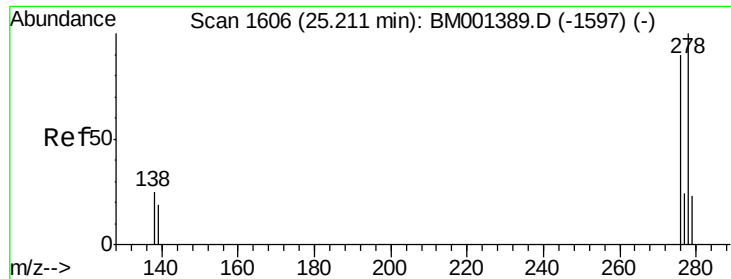


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#36

Dibenzo(a,h)anthracene

Concen: 0.00 ng

RT: 25.20 min Scan# 1605

Delta R.T. -0.01 min

Lab File: BM001406.D

Acq: 23 May 2015 06:24

Instrument :

BNA_M

ClientSampleId :

RAV-GT-106

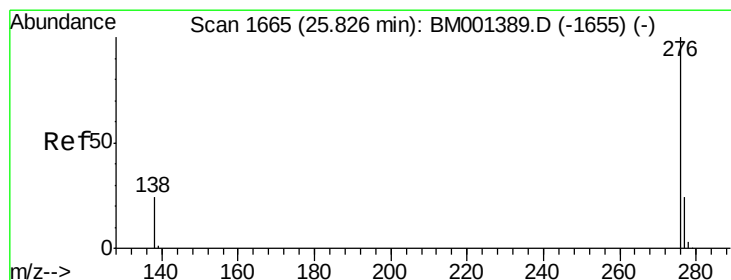
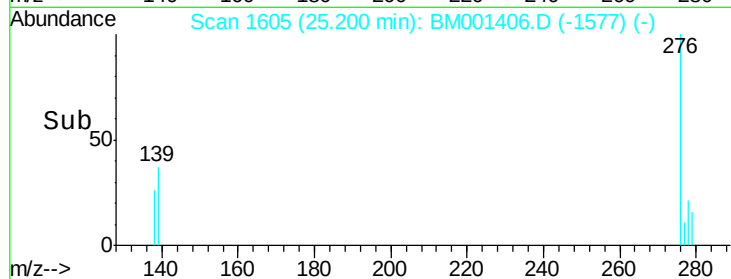
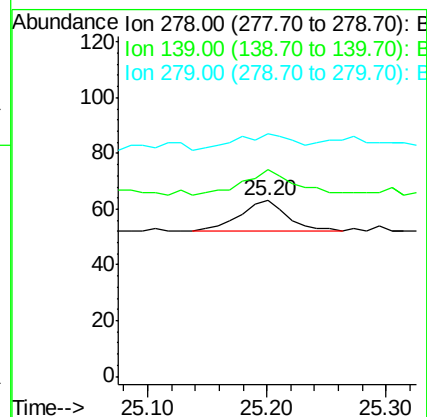
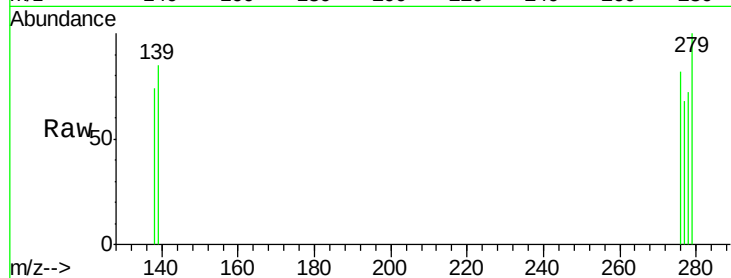
Tgt Ion: 278 Resp: 31

Ion Ratio Lower Upper

278 100

139 117.5 15.7 23.5#

279 138.1 19.4 29.2#



#37

Benzo(g,h,i)perylene

Concen: 0.01 ng

RT: 25.82 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BM001406.D

Acq: 23 May 2015 06:24

Tgt Ion: 276 Resp: 79

Ion Ratio Lower Upper

276 100

277 76.9 19.8 29.6#

138 83.3 20.2 30.2#

