

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052015\
 Data File : BM001356.D
 Acq On : 21 May 2015 12:10
 Operator : TP/IZ
 Sample : PB83443BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 21 15:23:14 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIMPAH-BM052015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 21 11:08:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	12415	5.00	ng	0.00
6) Naphthalene-d8	10.20	136	53076	5.00	ng	0.00
12) Acenaphthene-d10	14.11	164	32743	5.00	ng	0.00
18) Phenanthrene-d10	16.85	188	61637	5.00	ng	0.00
25) Chrysene-d12	21.07	240	68813	5.00	ng	0.00
32) Perylene-d12	23.17	264	60909	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.02	112	29277	12.14	ng	0.00
5) Phenol-d6	6.61	99	41734	13.91	ng	0.00
7) Nitrobenzene-d5	8.59	82	28682	10.02	ng	0.00
13) 2,4,6-Tribromophenol	15.59	330	21124	15.46	ng	0.00
14) 2-Fluorobiphenyl	12.72	172	87285	8.94	ng	0.00
27) Terphenyl-d14	19.50	244	79210	8.75	ng	0.00

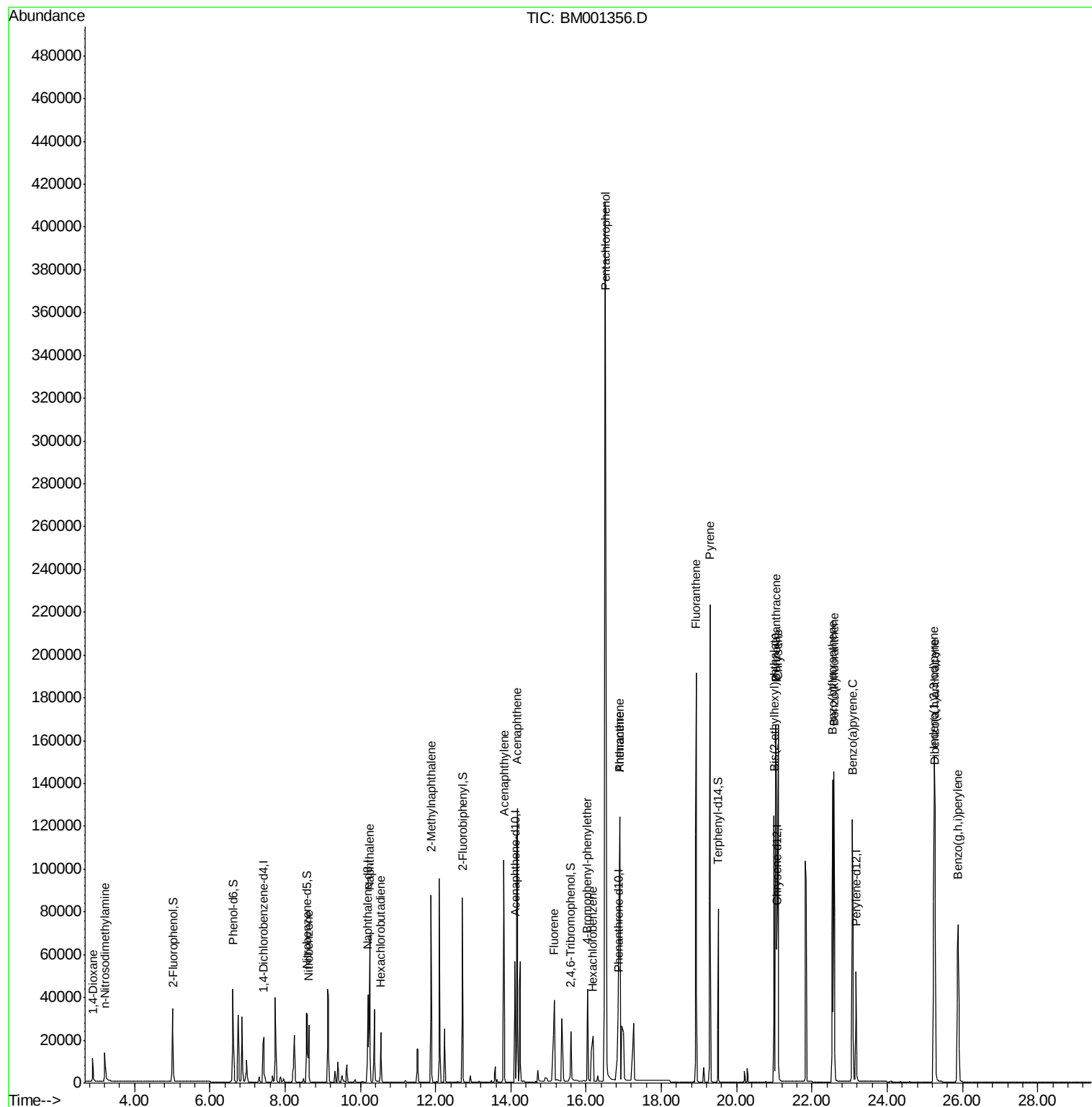
Target Compounds				Qvalue		
2) 1,4-Dioxane	2.89	88	7153	7.83	ng	# 77
3) n-Nitrosodimethylamine	3.21	42	12626	9.01	ng	# 92
8) Nitrobenzene	8.62	77	30122	8.41	ng	97
9) Naphthalene	10.25	128	90256	7.97	ng	98
10) Hexachlorobutadiene	10.54	225	17387	7.93	ng	100
11) 2-Methylnaphthalene	11.89	142	67720	8.41	ng	94
15) Acenaphthylene	13.82	152	122704	8.91	ng	100
16) Acenaphthene	14.17	154	71174	8.23	ng	98
17) Fluorene	15.15	166	47621	6.88	ng	# 97
19) 4-Bromophenyl-phenylether	16.04	248	37817	11.41	ng	# 83
20) Hexachlorobenzene	16.17	284	37587	8.26	ng	# 98
21) Pentachlorophenol	16.51	266	362246	135.20	ng	95
22) Phenanthrene	16.89	178	265005	12.23	ng	93
23) Anthracene	16.89	178	265292	31.63	ng	# 48
24) Fluoranthene	18.92	202	177696	9.57	ng	100
26) Pyrene	19.29	202	189619	9.02	ng	99
28) Benzo(a)anthracene	21.04	228	168118	8.54	ng	99
29) Chrysene	21.10	228	161789	8.58	ng	99
30) Bis(2-ethylhexyl)phthalate	20.99	149	112190	9.01	ng	100
31) Indeno(1,2,3-cd)pyrene	25.24	276	160295	7.90	ng	99
33) Benzo(b)fluoranthene	22.54	252	162432	8.65	ng	98
34) Benzo(k)fluoranthene	22.58	252	152593	9.23	ng	97
35) Benzo(a)pyrene	23.07	252	151077	9.46	ng	97
36) Dibenzo(a,h)anthracene	25.26	278	128062	8.73	ng	97
37) Benzo(g,h,i)perylene	25.88	276	131675	8.36	ng	98

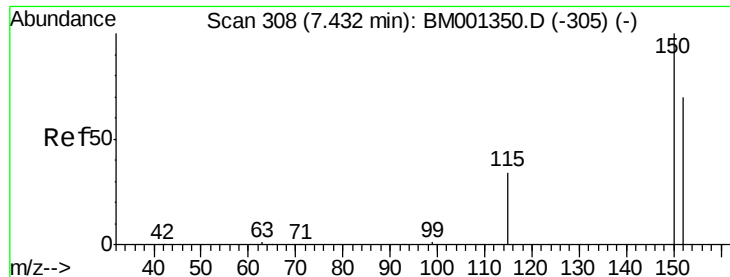
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.43 min Scan# 308

Delta R.T. 0.00 min

Lab File: BM001356.D

Acq: 21 May 2015 12:10

Instrument :

BNA_M

ClientSampled :

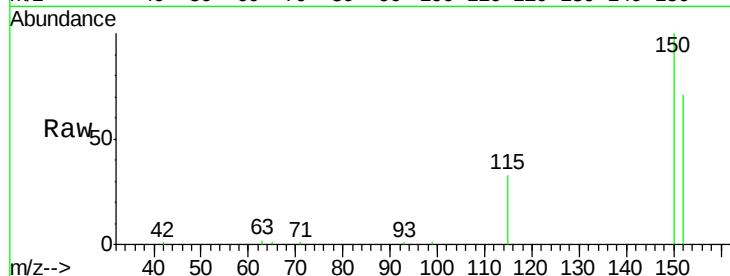
Tot Ion:152 Resp: 12415

Ion Ratio Lower Upper

152 100

150 140.0 114.1 171.1

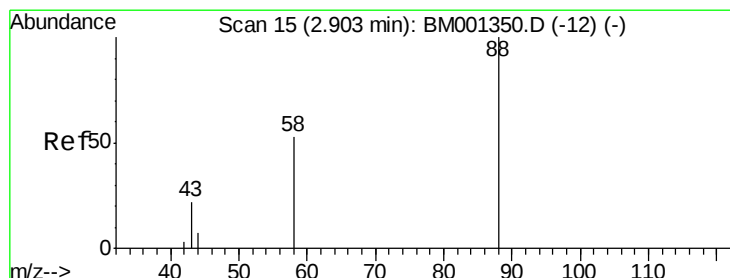
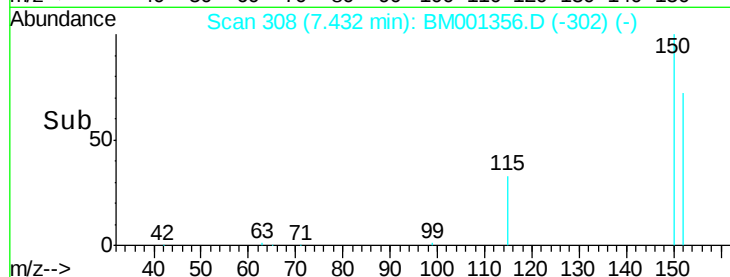
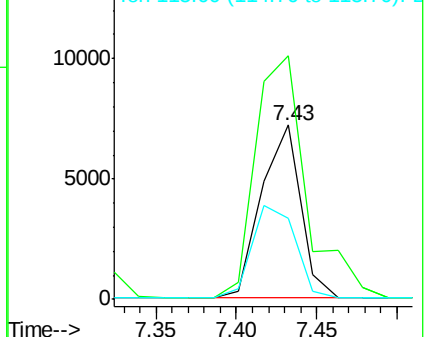
115 46.3 39.2 58.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 7.83 ng

RT: 2.89 min Scan# 14

Delta R.T. -0.02 min

Lab File: BM001356.D

Acq: 21 May 2015 12:10

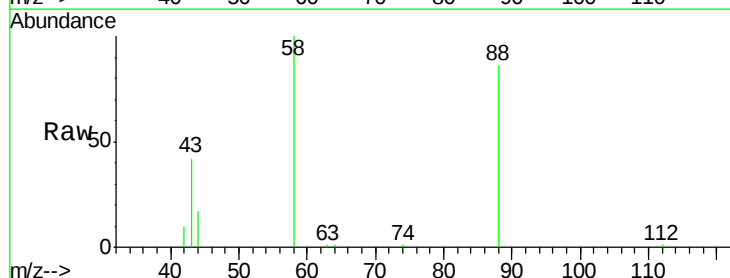
Tgt Ion: 88 Resp: 7153

Ion Ratio Lower Upper

88 100

58 89.6 53.1 79.7#

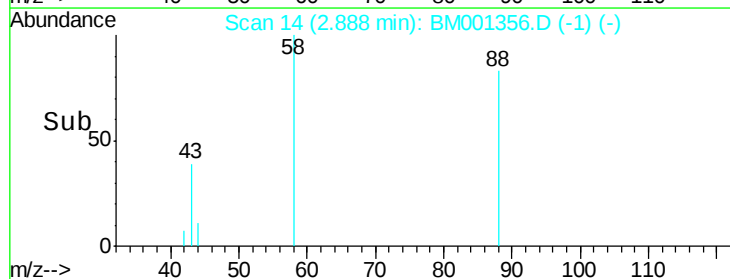
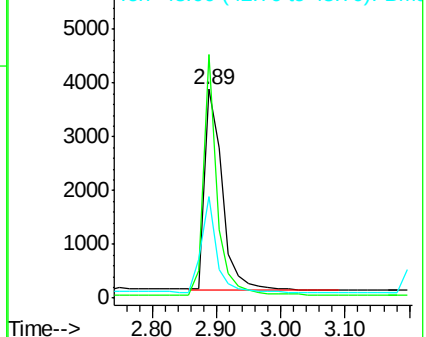
43 41.5 27.8 41.8

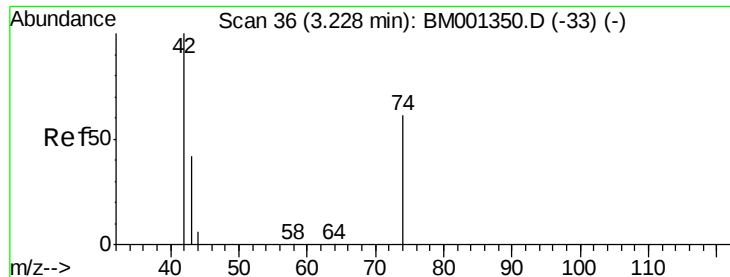


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0



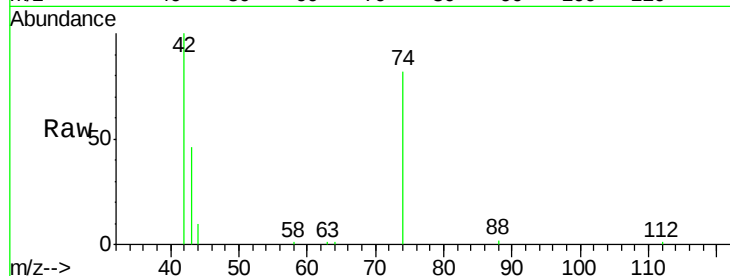


#3

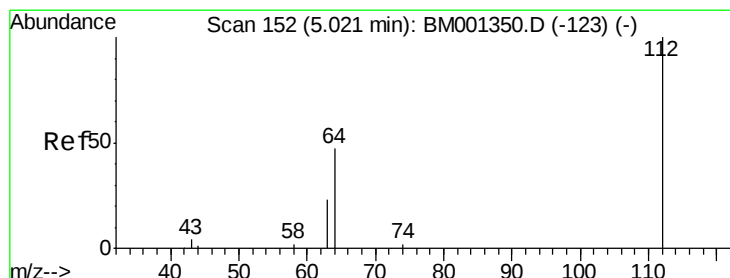
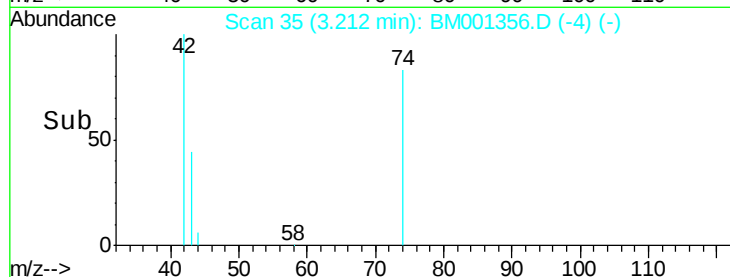
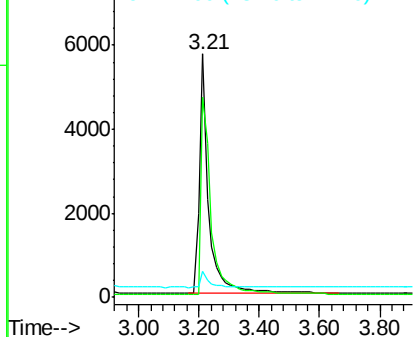
n-Nitrosodimethylamine
 Concen: 9.01 ng
 RT: 3.21 min Scan# 35
 Delta R.T. -0.02 min
 Lab File: BM001356.D
 Acq: 21 May 2015 12:10

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion: 42 Resp: 12626
 Ion Ratio Lower Upper
 42 100
 74 95.4 70.0 105.0
 44 6.0 3.6 5.4#



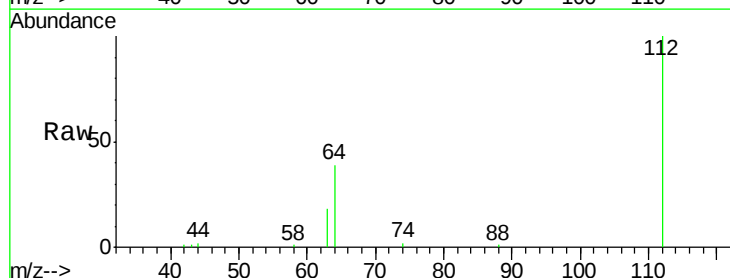
Abundance Ion 42.00 (41.70 to 42.70): BM001356.D (-33) (-)
 Ion 74.00 (73.70 to 74.70): BM001356.D (-33) (-)
 Ion 44.00 (43.70 to 44.70): BM001356.D (-33) (-)



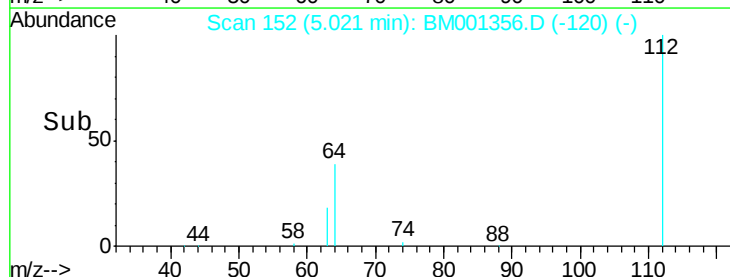
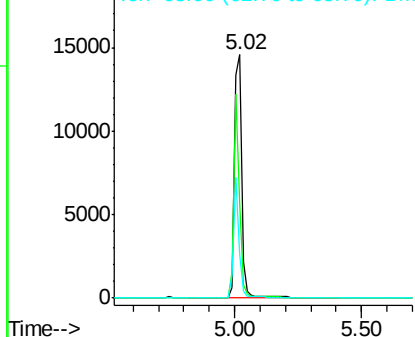
#4

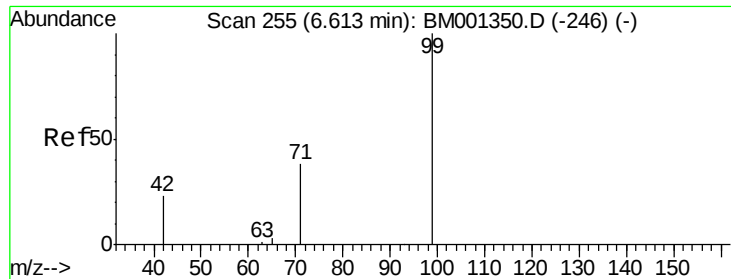
2-Fluorophenol
 Concen: 12.14 ng
 RT: 5.02 min Scan# 152
 Delta R.T. 0.00 min
 Lab File: BM001356.D
 Acq: 21 May 2015 12:10

Tgt Ion: 112 Resp: 29277
 Ion Ratio Lower Upper
 112 100
 64 65.1 52.9 79.3
 63 36.8 29.6 44.4



Abundance Ion 112.00 (111.70 to 112.70): BM001356.D (-120) (-)
 Ion 64.00 (63.70 to 64.70): BM001356.D (-120) (-)
 Ion 63.00 (62.70 to 63.70): BM001356.D (-120) (-)





#5

Phenol-d6

Concen: 13.91 ng

RT: 6.61 min Scan# 255

Delta R.T. 0.00 min

Lab File: BM001356.D

Acq: 21 May 2015 12:10

Instrument :

BNA_M

ClientSampleId :

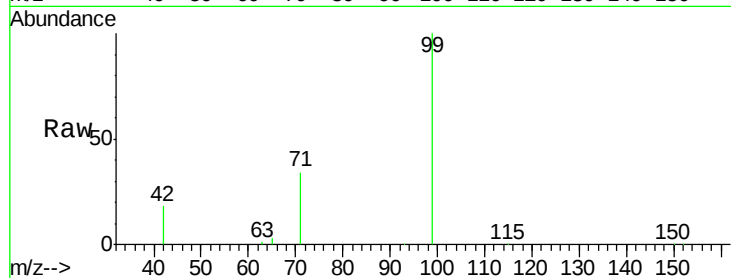
Tot Ion: 99 Resp: 41734

Ion Ratio Lower Upper

99 100

42 26.2 21.4 32.2

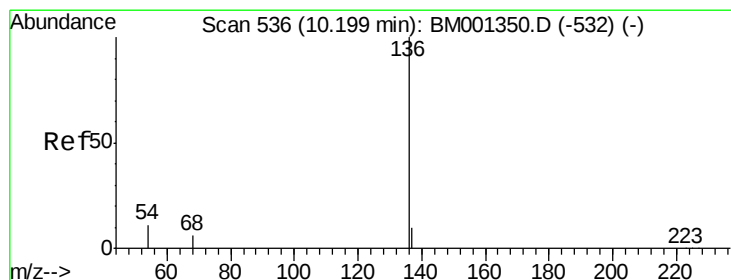
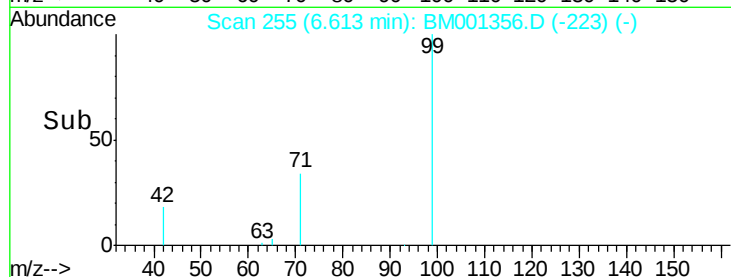
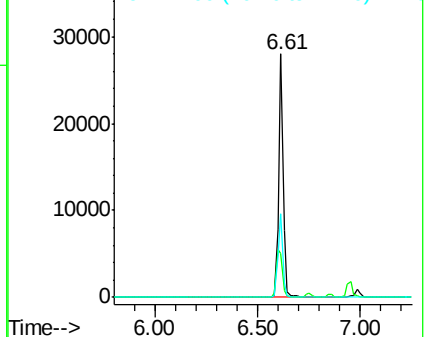
71 36.6 29.0 43.4



Abundance Ion 99.00 (98.70 to 99.70): BM001350.D (-246) (-)

Ion 42.00 (41.70 to 42.70): BM001350.D (-246) (-)

Ion 71.00 (70.70 to 71.70): BM001350.D (-246) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.20 min Scan# 536

Delta R.T. 0.00 min

Lab File: BM001356.D

Acq: 21 May 2015 12:10

Tgt Ion: 136 Resp: 53076

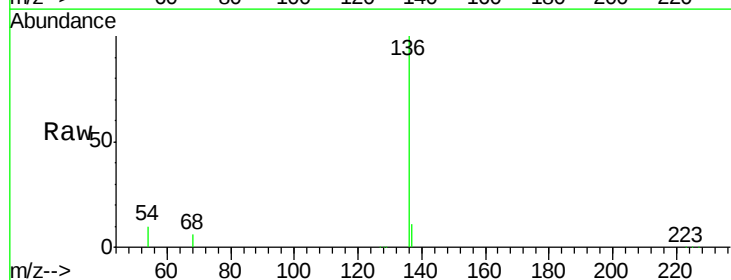
Ion Ratio Lower Upper

136 100

137 10.6 8.2 12.4

54 10.1 9.4 14.0

68 5.7 5.2 7.8

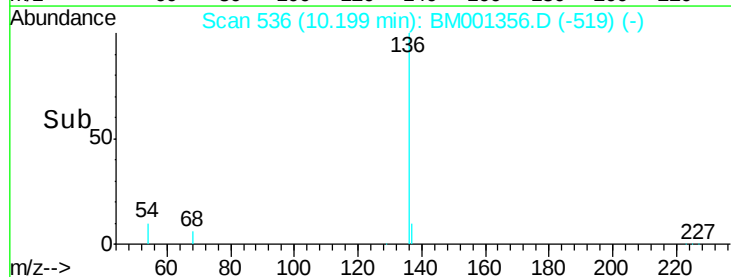
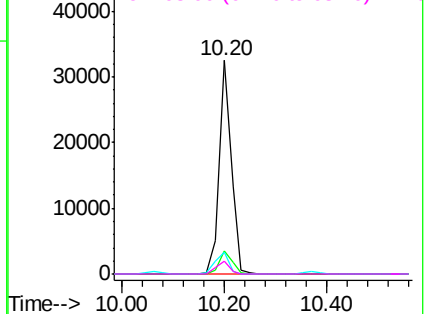


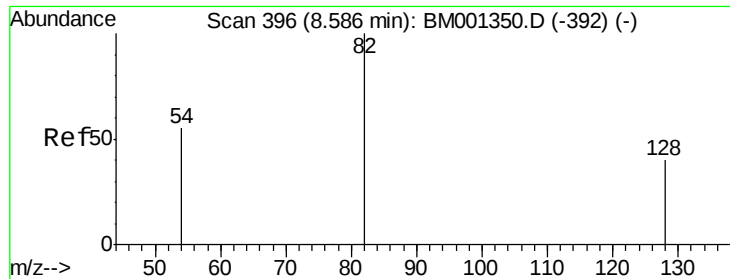
Abundance Ion 136.00 (135.70 to 136.70): BM001350.D (-532) (-)

Ion 137.00 (136.70 to 137.70): BM001350.D (-532) (-)

Ion 54.00 (53.70 to 54.70): BM001350.D (-532) (-)

Ion 68.00 (67.70 to 68.70): BM001350.D (-532) (-)





#7

Nitrobenzene-d5

Concen: 10.02 ng

RT: 8.59 min Scan# 396

Delta R.T. 0.00 min

Lab File: BM001356.D

Acq: 21 May 2015 12:10

Instrument :

BNA_M

ClientSampled :

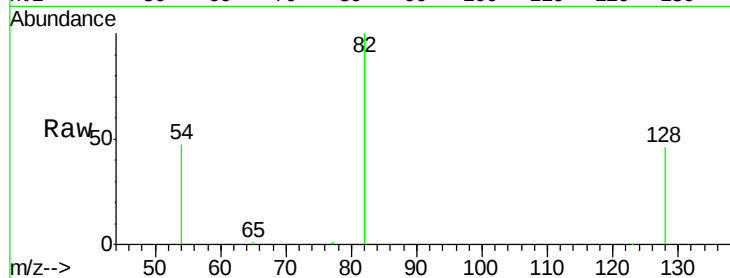
Tot Ion: 82 Resp: 28682

Ion Ratio Lower Upper

82 100

128 45.9 33.5 50.3

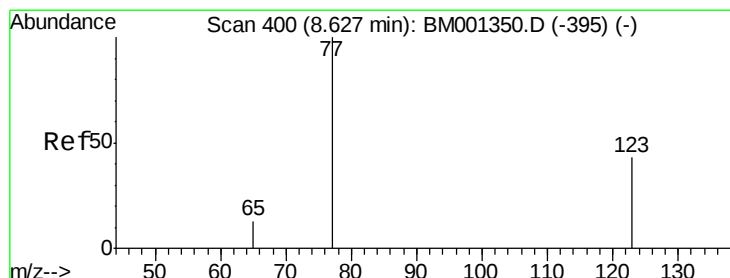
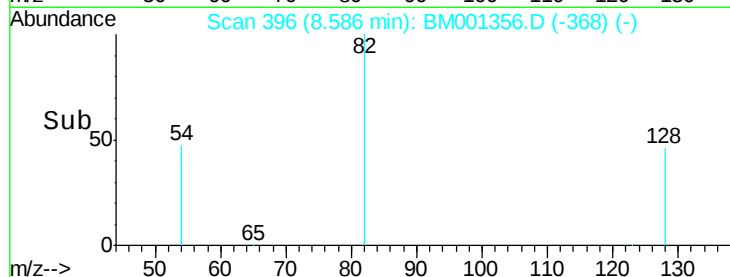
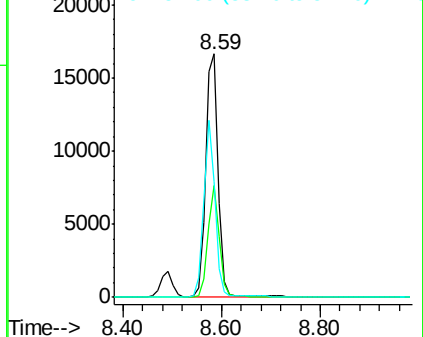
54 47.4 45.1 67.7



Abundance Ion 82.00 (81.70 to 82.70): BM001356.D (-392) (-)

Ion 128.00 (127.70 to 128.70): BM001356.D (-392) (-)

Ion 54.00 (53.70 to 54.70): BM001356.D (-392) (-)



#8

Nitrobenzene

Concen: 8.41 ng

RT: 8.62 min Scan# 399

Delta R.T. -0.01 min

Lab File: BM001356.D

Acq: 21 May 2015 12:10

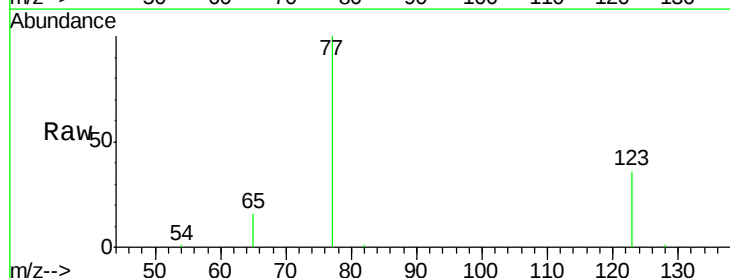
Tgt Ion: 77 Resp: 30122

Ion Ratio Lower Upper

77 100

123 43.8 33.6 50.4

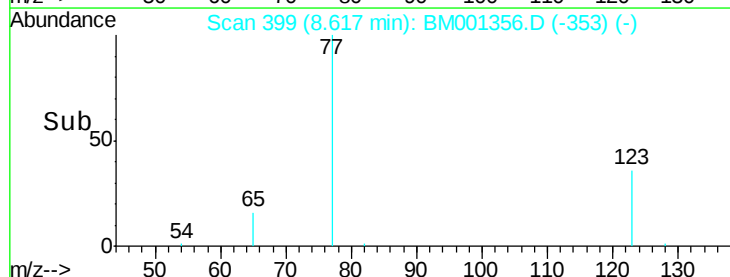
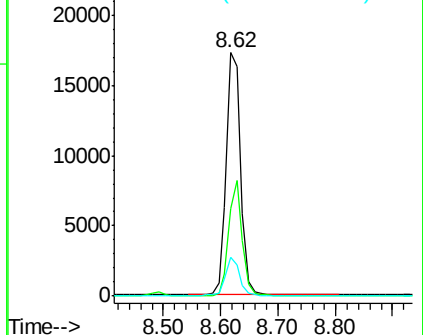
65 14.7 11.3 16.9

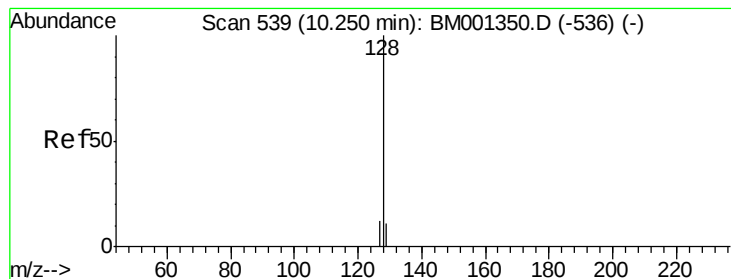


Abundance Ion 77.00 (76.70 to 77.70): BM001356.D (-395) (-)

Ion 123.00 (122.70 to 123.70): BM001356.D (-395) (-)

Ion 65.00 (64.70 to 65.70): BM001356.D (-395) (-)





#9

Naphthalene

Concen: 7.97 ng

RT: 10.25 min Scan# 539

Delta R.T. 0.00 min

Lab File: BM001356.D

Acq: 21 May 2015 12:10

Instrument :

BNA_M

ClientSampleId :

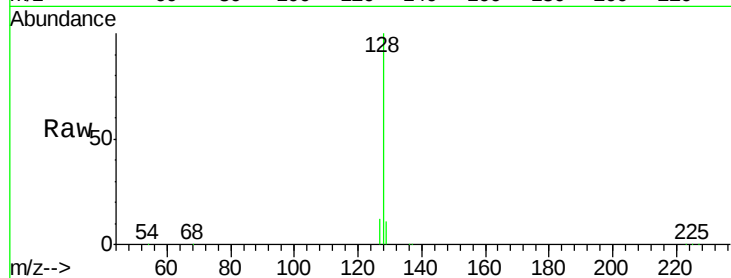
Tot Ion:128 Resp: 90256

Ion Ratio Lower Upper

128 100

129 11.1 9.1 13.7

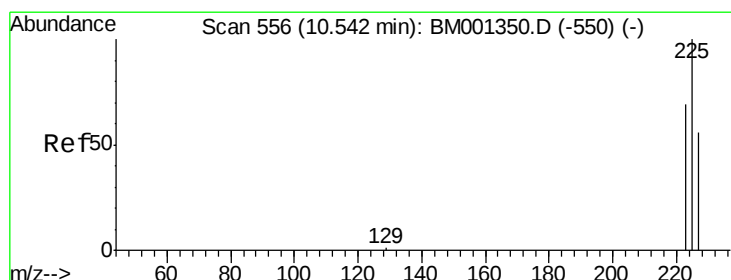
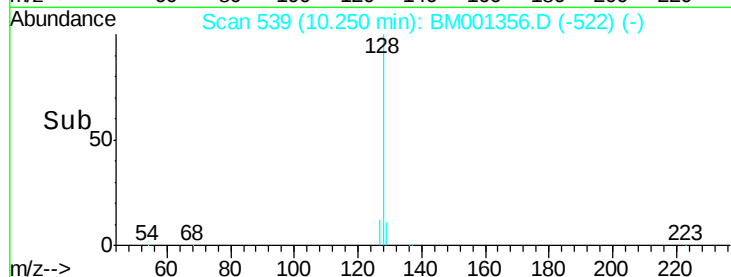
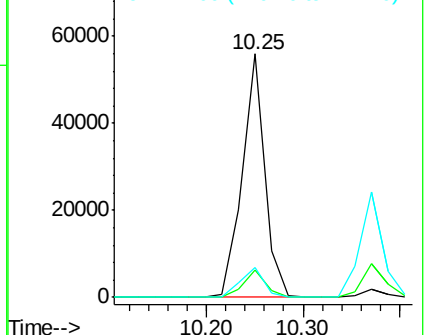
127 12.0 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 7.93 ng

RT: 10.54 min Scan# 556

Delta R.T. 0.00 min

Lab File: BM001356.D

Acq: 21 May 2015 12:10

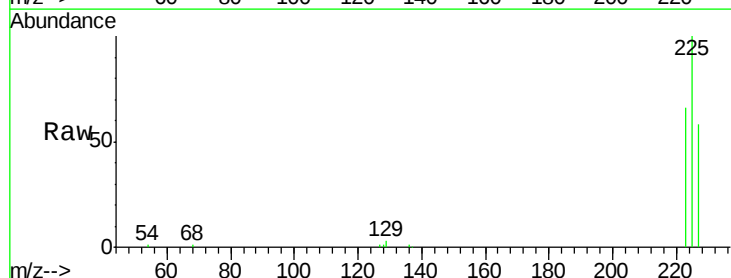
Tgt Ion:225 Resp: 17387

Ion Ratio Lower Upper

225 100

223 62.8 50.3 75.5

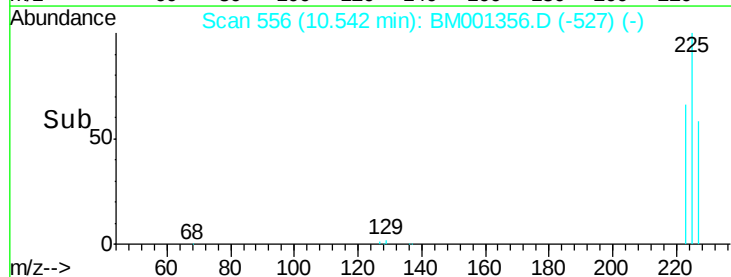
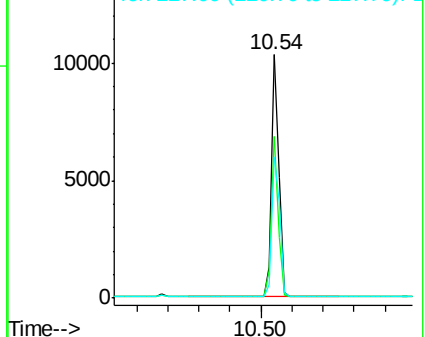
227 63.5 50.6 75.8

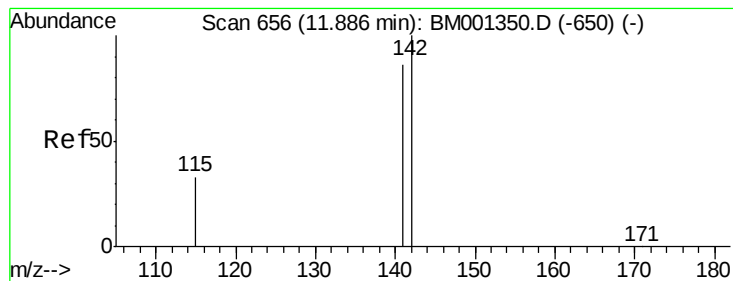


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 8.41 ng

RT: 11.89 min Scan# 656

Delta R.T. 0.00 min

Lab File: BM001356.D

Acq: 21 May 2015 12:10

Instrument :

BNA_M

ClientSampleId :

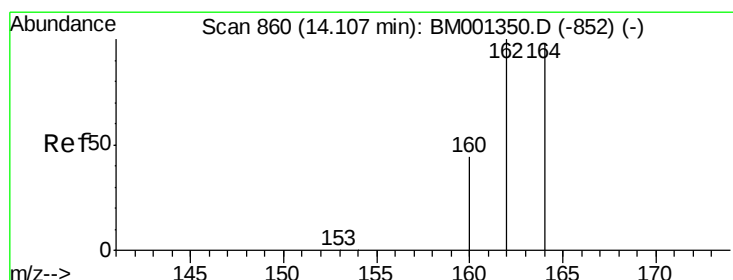
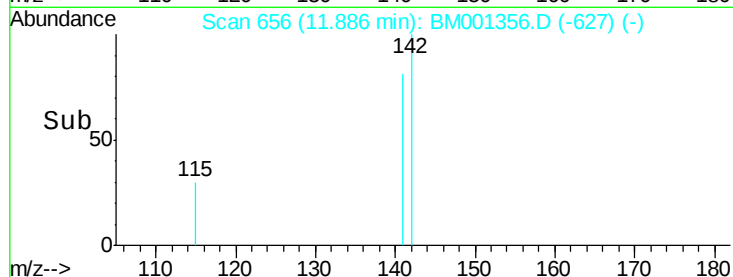
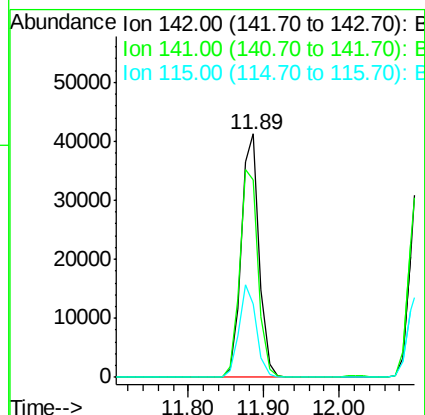
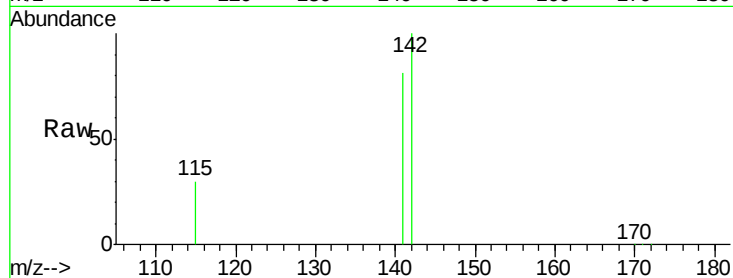
Tot Ion:142 Resp: 67720

Ion Ratio Lower Upper

142 100

141 81.2 69.0 103.4

115 30.3 27.1 40.7



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.11 min Scan# 860

Delta R.T. 0.00 min

Lab File: BM001356.D

Acq: 21 May 2015 12:10

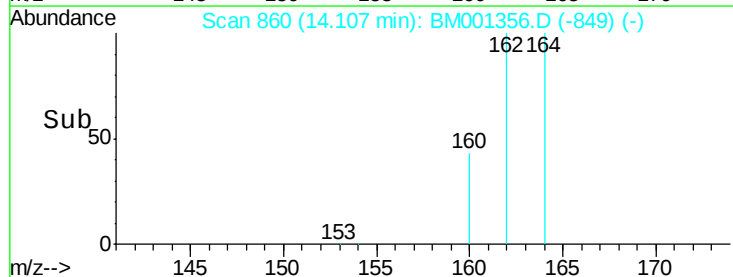
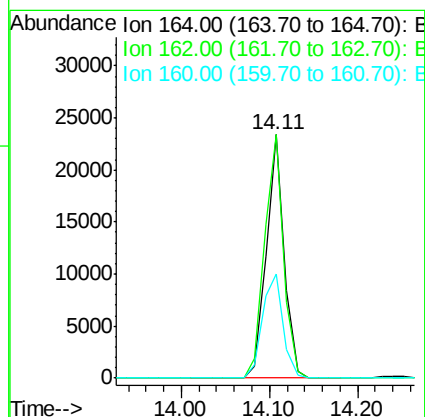
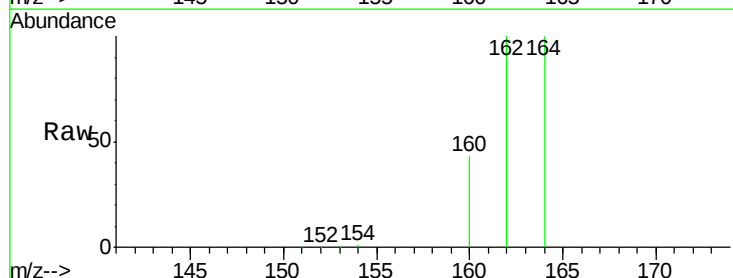
Tgt Ion:164 Resp: 32743

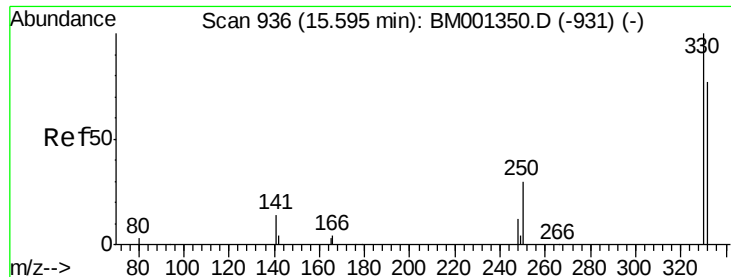
Ion Ratio Lower Upper

164 100

162 100.1 81.8 122.8

160 42.8 35.8 53.8

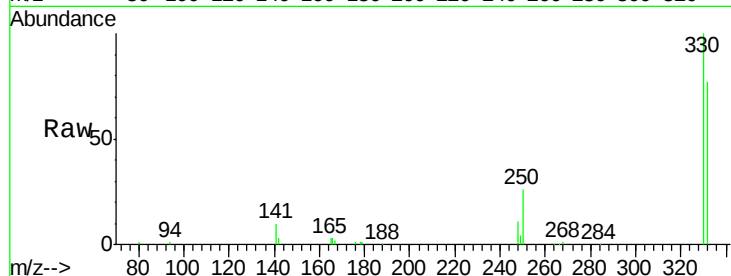




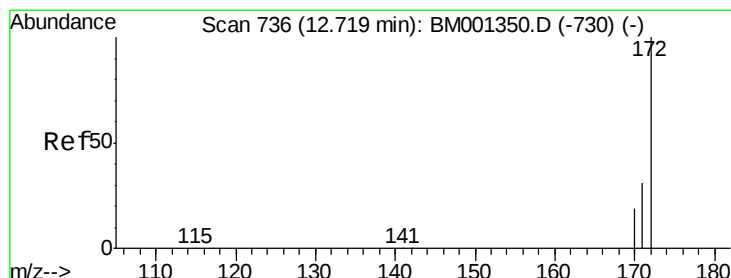
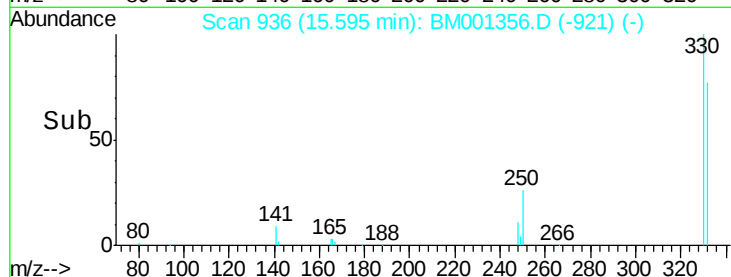
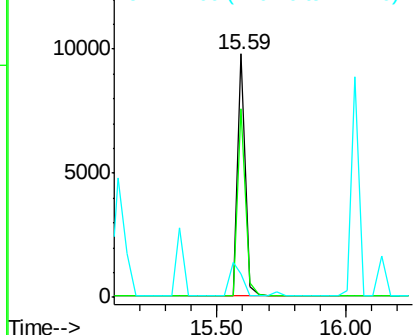
#13
 2,4,6-Tribromophenol
 Concen: 15.46 ng
 RT: 15.59 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: BM001356.D
 Acq: 21 May 2015 12:10

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 21124
 Ion Ratio Lower Upper
 330 100
 332 79.9 65.4 98.2
 141 0.0 20.2 30.4#

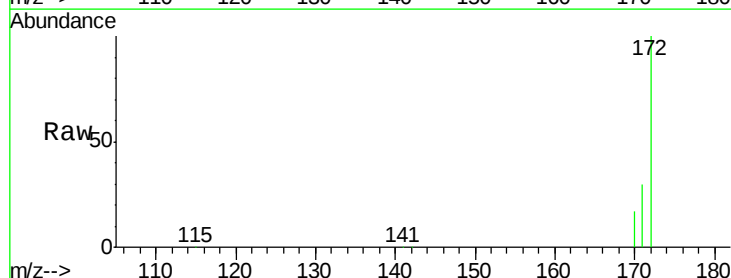


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

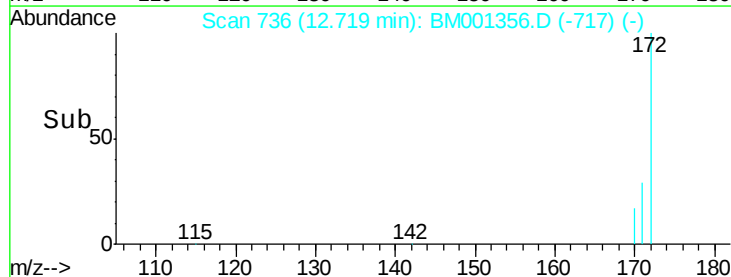
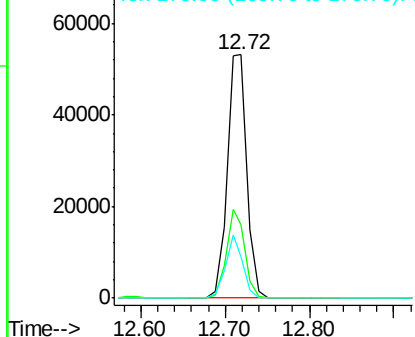


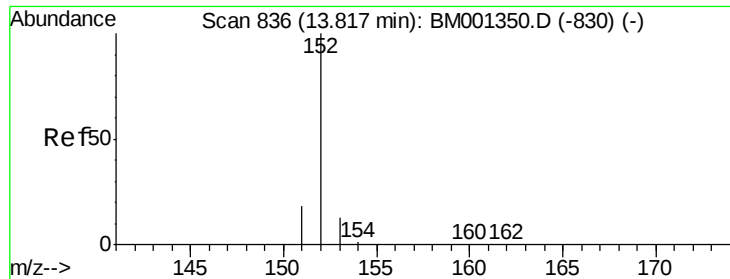
#14
 2-Fluorobiphenyl
 Concen: 8.94 ng
 RT: 12.72 min Scan# 736
 Delta R.T. 0.00 min
 Lab File: BM001356.D
 Acq: 21 May 2015 12:10

Tgt Ion:172 Resp: 87285
 Ion Ratio Lower Upper
 172 100
 171 29.9 25.4 38.2
 170 17.2 15.7 23.5



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#15

Acenaphthylene

Concen: 8.91 ng

RT: 13.82 min Scan# 836

Delta R.T. 0.00 min

Lab File: BM001356.D

Acq: 21 May 2015 12:10

Instrument :

BNA_M

ClientSampled :

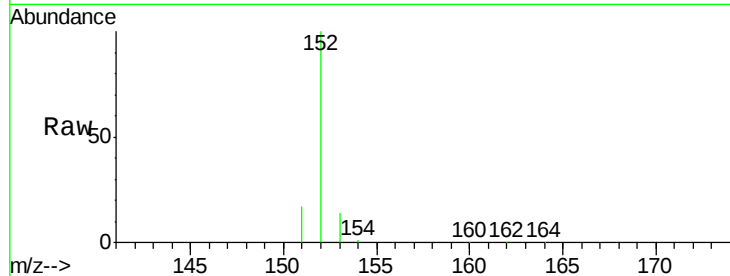
Tot Ion:152 Resp: 122704

Ion Ratio Lower Upper

152 100

151 18.9 15.3 22.9

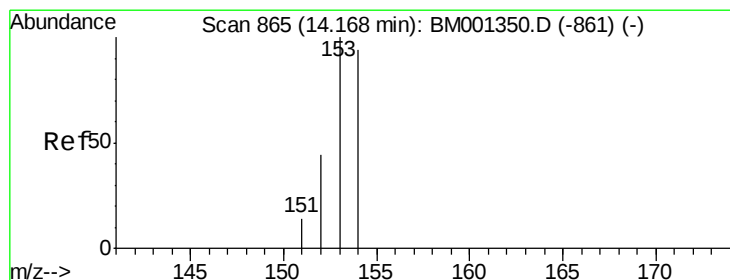
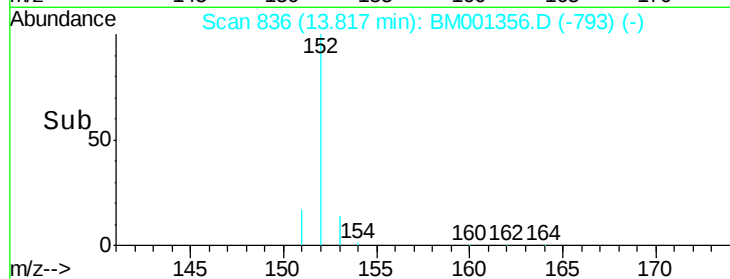
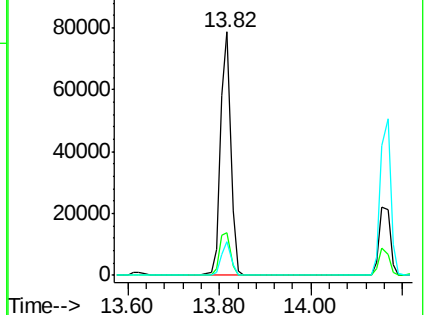
153 12.9 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#16

Acenaphthene

Concen: 8.23 ng

RT: 14.17 min Scan# 865

Delta R.T. 0.00 min

Lab File: BM001356.D

Acq: 21 May 2015 12:10

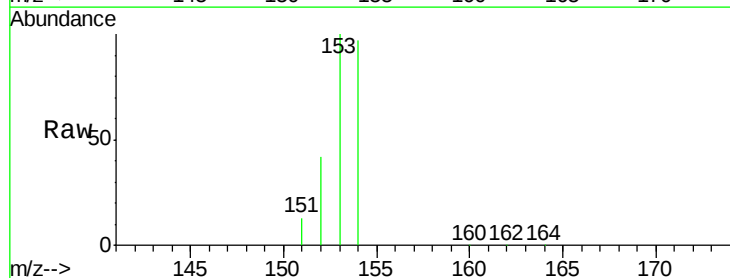
Tgt Ion:154 Resp: 71174

Ion Ratio Lower Upper

154 100

153 111.5 90.6 135.8

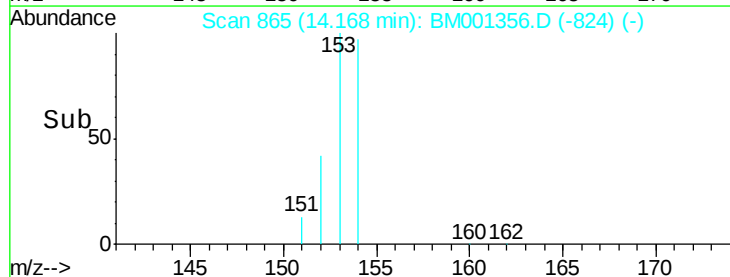
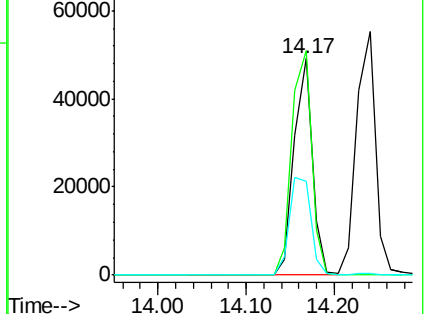
152 52.3 43.6 65.4

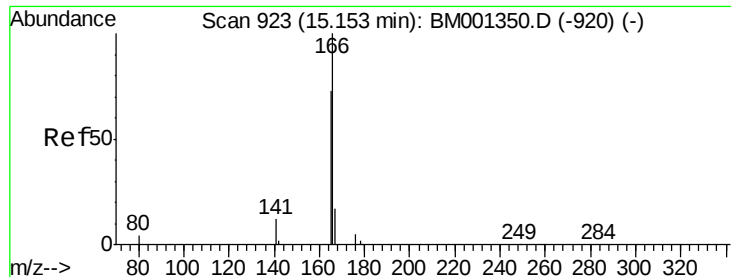


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

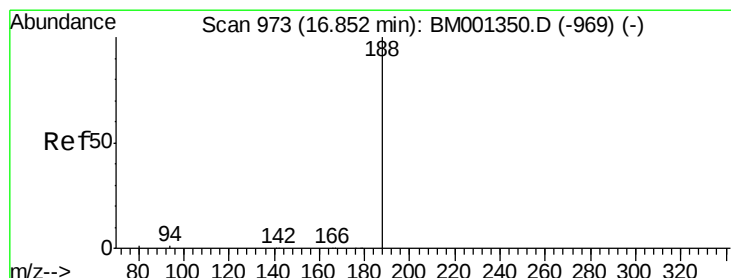
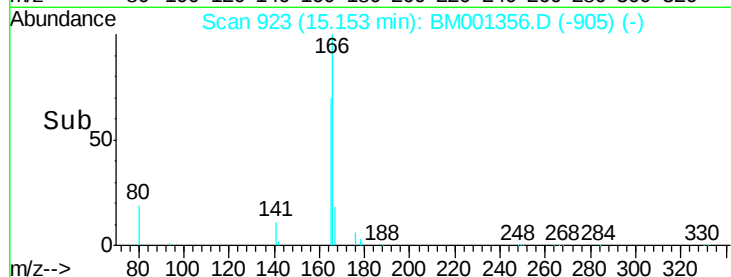
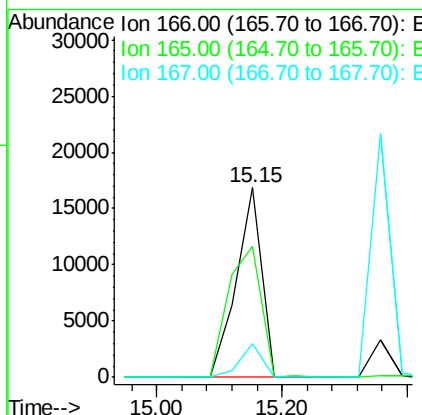
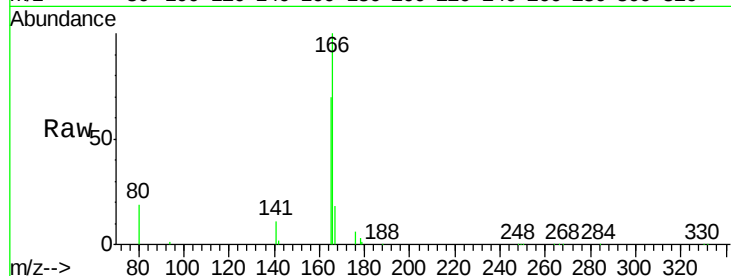




#17
Fluorene
 Concen: 6.88 ng
 RT: 15.15 min Scan# 923
 Delta R.T. 0.00 min
 Lab File: BM001356.D
 Acq: 21 May 2015 12:10

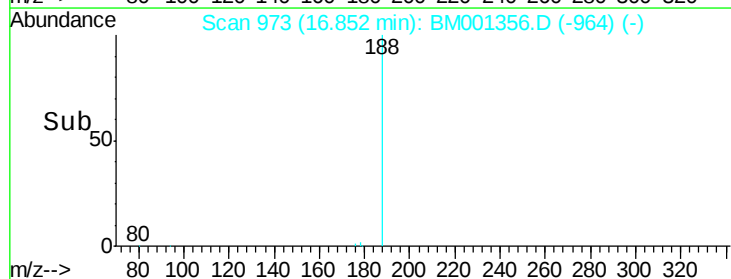
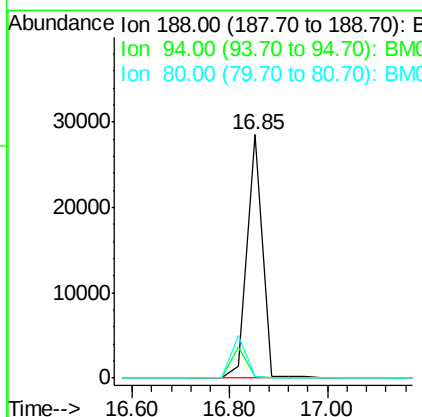
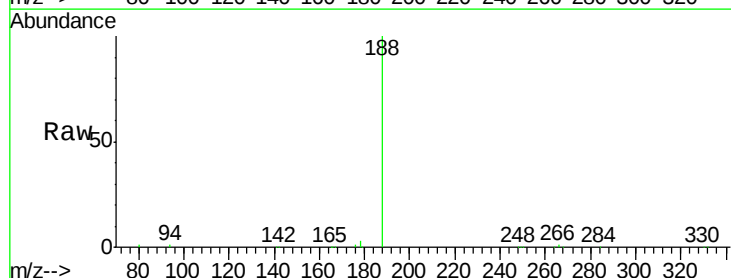
Instrument :
 BNA_M
 ClientSampled :

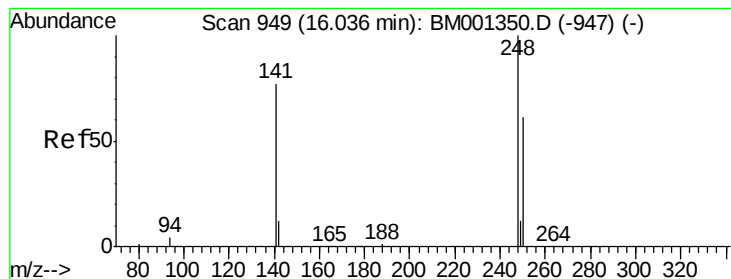
Tot Ion:166 Resp: 47621
 Ion Ratio Lower Upper
 166 100
 165 89.4 72.5 108.7
 167 15.7 16.0 24.0#



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.85 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: BM001356.D
 Acq: 21 May 2015 12:10

Tgt Ion:188 Resp: 61637
 Ion Ratio Lower Upper
 188 100
 94 0.6 0.6 1.0#
 80 0.5 0.6 0.8#





#19

4-Bromophenyl-phenylether

Concen: 11.41 ng

RT: 16.04 min Scan# 949

Delta R.T. 0.00 min

Lab File: BM001356.D

Acq: 21 May 2015 12:10

Instrument :

BNA_M

ClientSampleId :

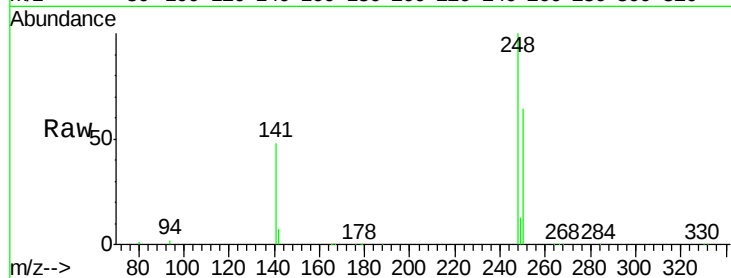
Tot Ion:248 Resp: 37817

Ion Ratio Lower Upper

248 100

250 66.2 51.5 77.3

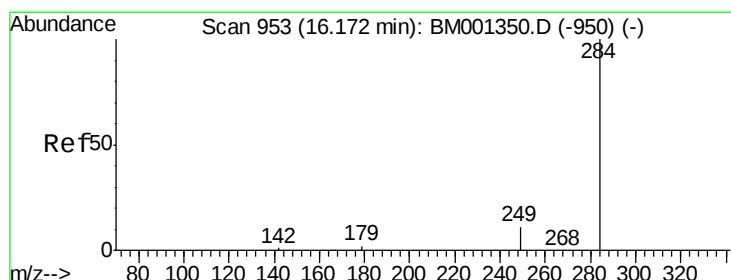
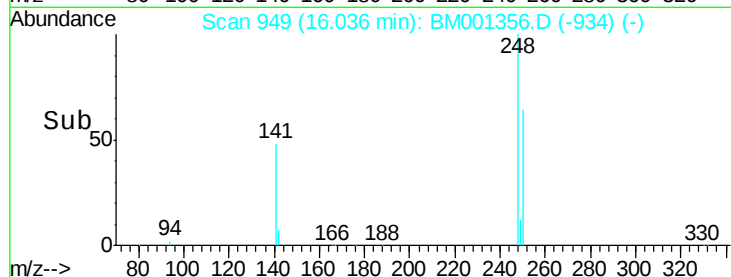
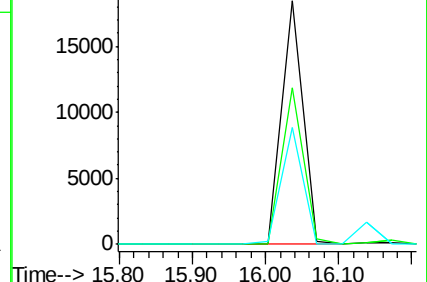
141 48.9 59.0 88.6#



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: 8.26 ng

RT: 16.17 min Scan# 953

Delta R.T. 0.00 min

Lab File: BM001356.D

Acq: 21 May 2015 12:10

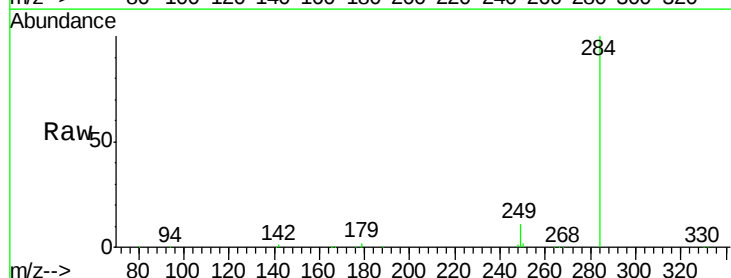
Tgt Ion:284 Resp: 37587

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

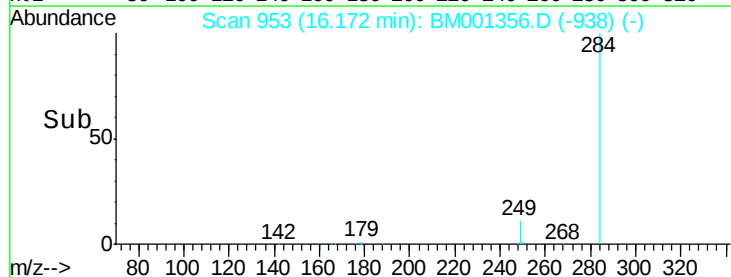
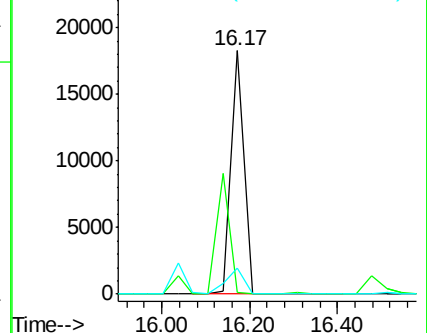
249 14.7 11.1 16.7

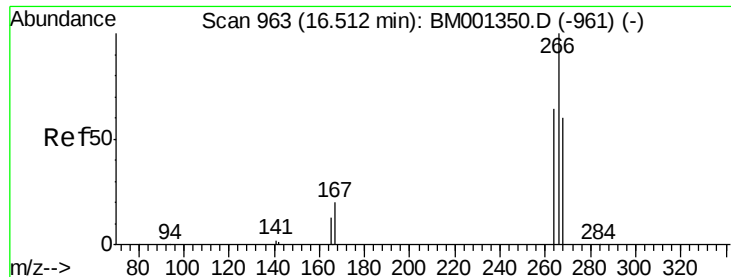


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

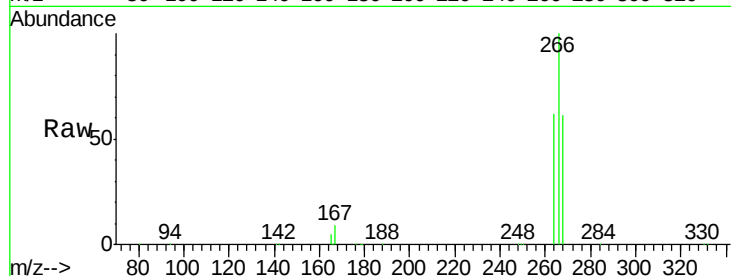




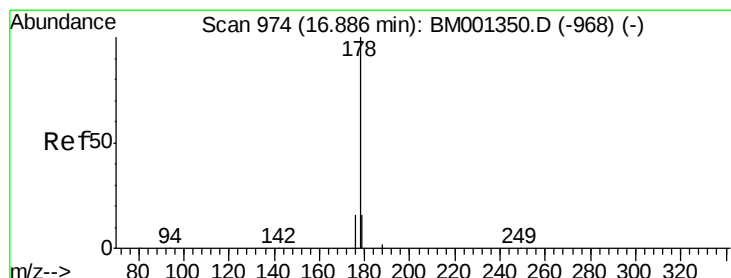
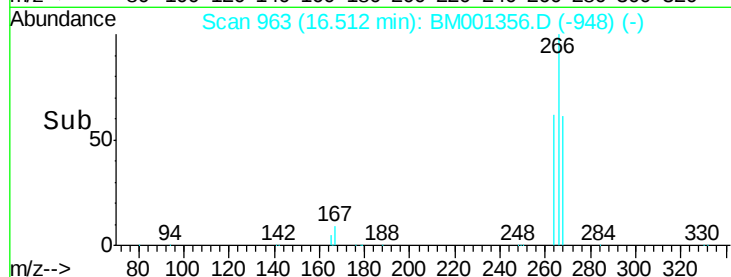
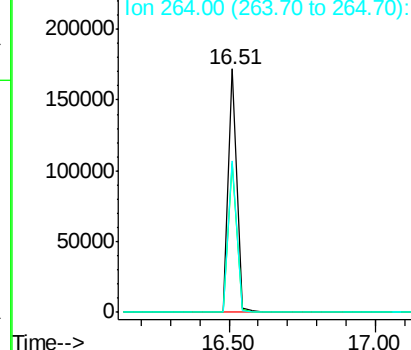
#21
 Pentachlorophenol
 Concen: 135.20 ng
 RT: 16.51 min Scan# 963
 Delta R.T. 0.00 min
 Lab File: BM001356.D
 Acq: 21 May 2015 12:10

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:266 Resp: 362246
 Ion Ratio Lower Upper
 266 100
 268 61.0 51.2 76.8
 264 62.1 53.7 80.5

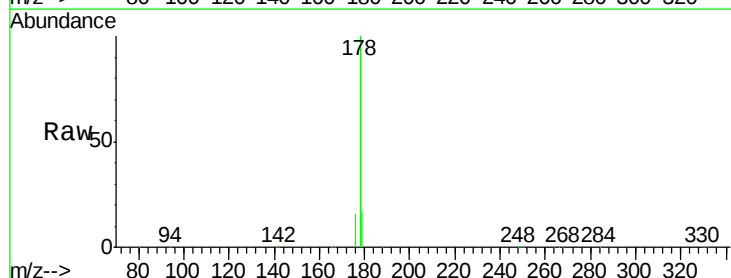


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

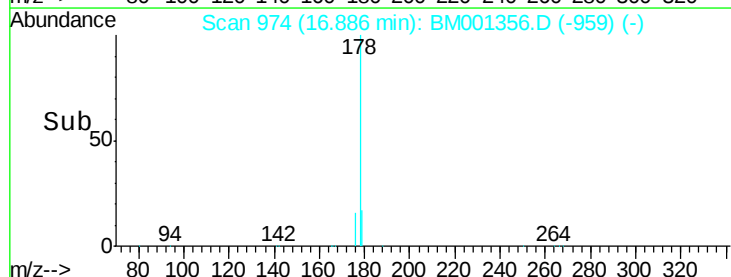
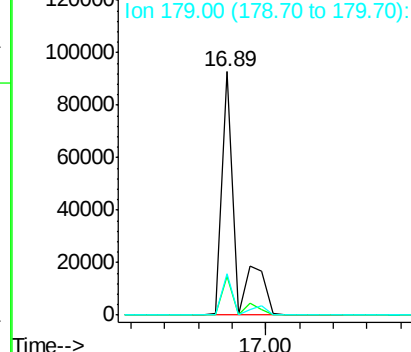


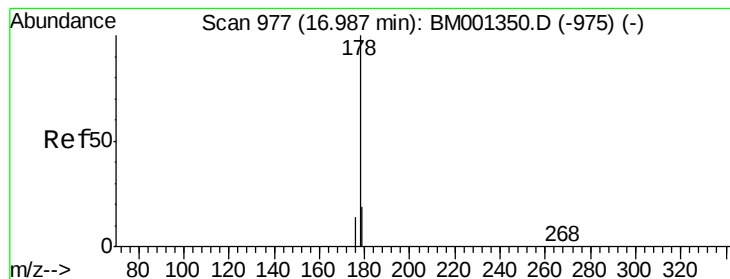
#22
 Phenanthrene
 Concen: 12.23 ng
 RT: 16.89 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: BM001356.D
 Acq: 21 May 2015 12:10

Tgt Ion:178 Resp: 265005
 Ion Ratio Lower Upper
 178 100
 176 17.0 16.6 25.0
 179 13.6 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





#23

Anthracene

Concen: 31.63 ng

RT: 16.89 min Scan# 974

Delta R.T. -0.10 min

Lab File: BM001356.D

Acq: 21 May 2015 12:10

Instrument :

BNA_M

ClientSampleId :

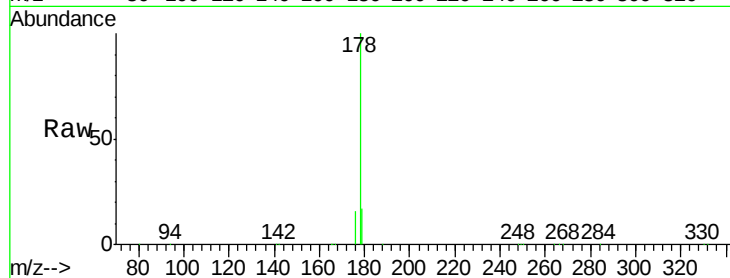
Tot Ion:178 Resp: 265292

Ion Ratio Lower Upper

178 100

176 17.0 46.1 69.1#

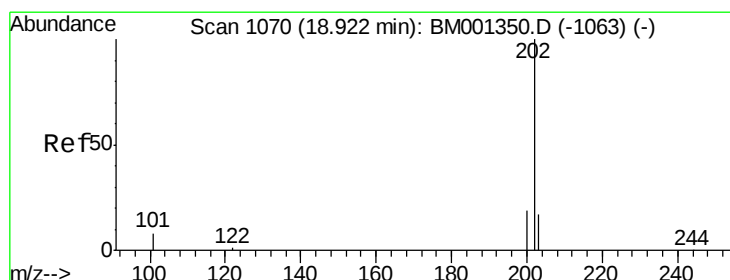
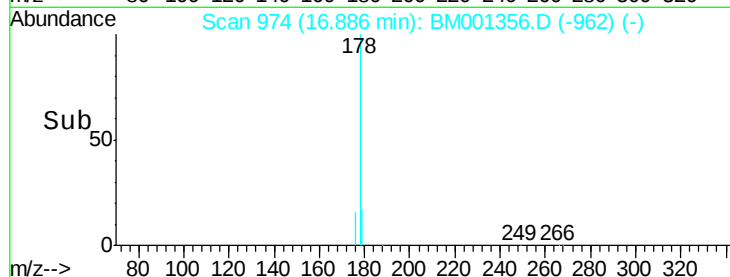
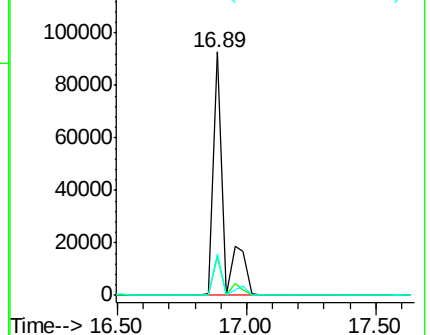
179 13.6 35.4 53.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Fluoranthene

Concen: 9.57 ng

RT: 18.92 min Scan# 1070

Delta R.T. 0.00 min

Lab File: BM001356.D

Acq: 21 May 2015 12:10

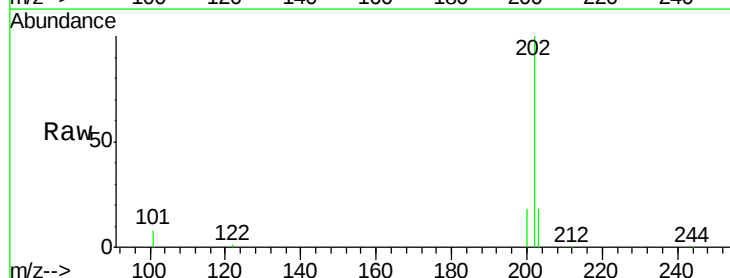
Tgt Ion:202 Resp: 177696

Ion Ratio Lower Upper

202 100

101 11.2 8.7 13.1

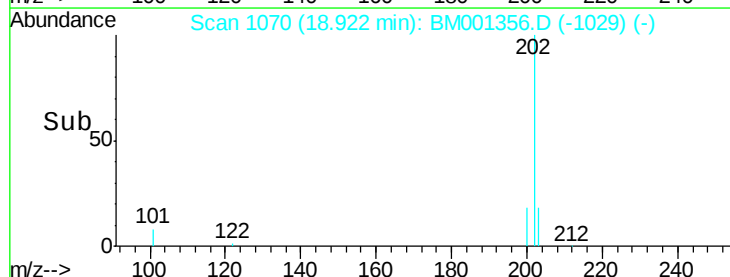
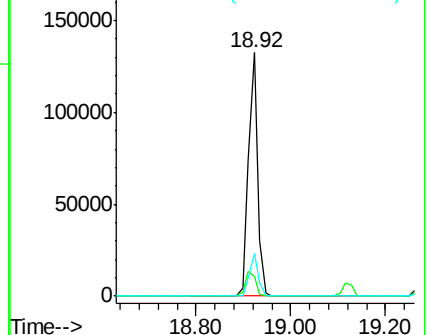
203 17.2 13.8 20.6

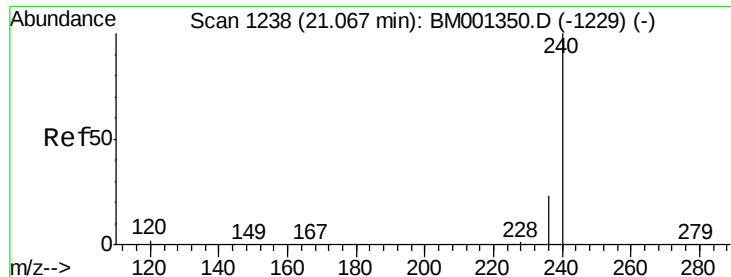


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

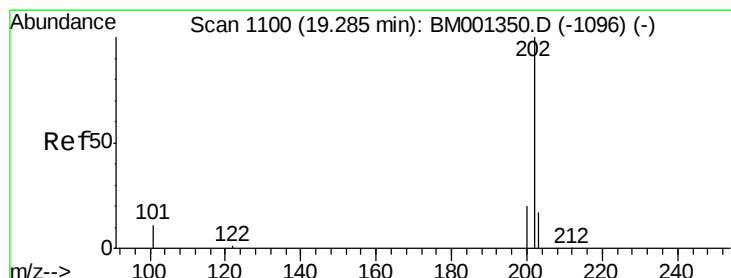
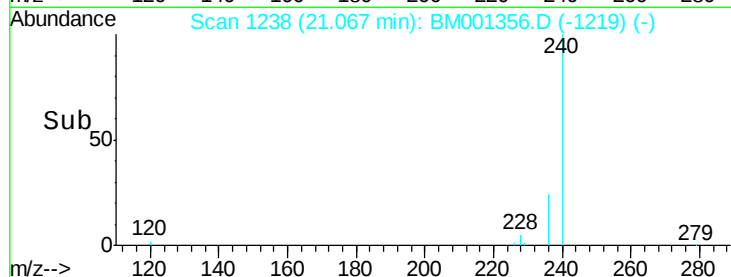
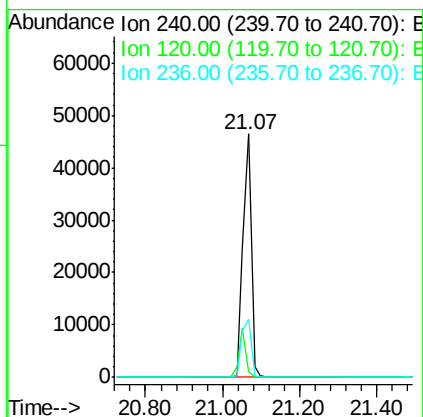
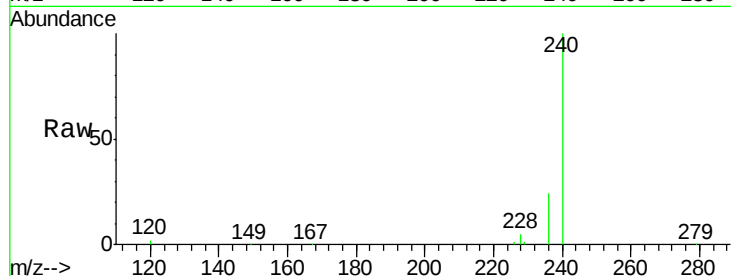




#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 1238
Delta R.T. 0.00 min
Lab File: BM001356.D
Acq: 21 May 2015 12:10

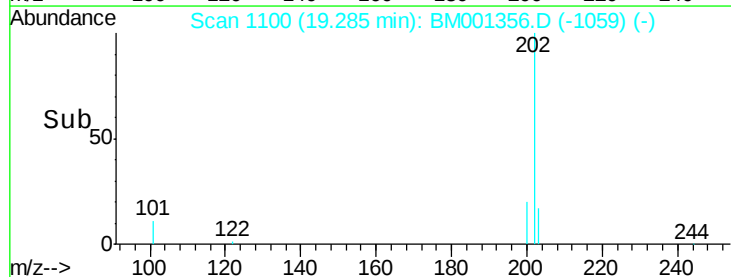
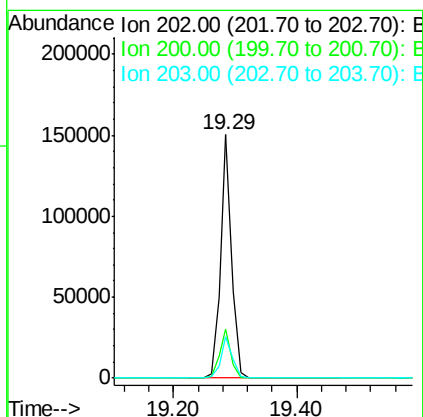
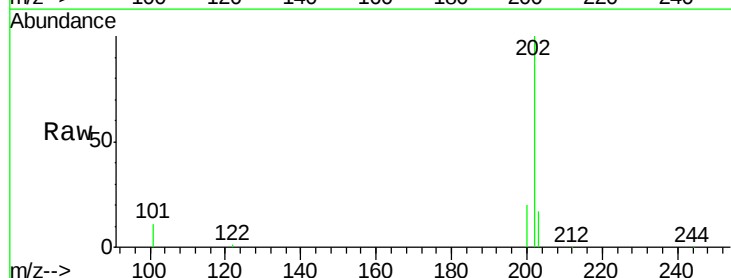
Instrument :
BNA_M
ClientSampleId :

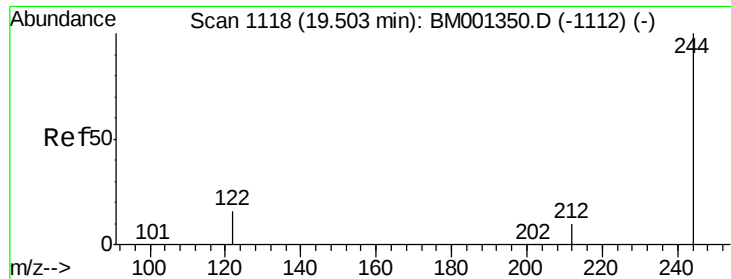
Tot Ion:240 Resp: 68813
Ion Ratio Lower Upper
240 100
120 2.1 1.6 2.4
236 23.9 18.5 27.7



#26
Pyrene
Concen: 9.02 ng
RT: 19.29 min Scan# 1100
Delta R.T. 0.00 min
Lab File: BM001356.D
Acq: 21 May 2015 12:10

Tgt Ion:202 Resp: 189619
Ion Ratio Lower Upper
202 100
200 20.5 16.2 24.4
203 17.8 13.9 20.9





#27

Terphenyl-d14

Concen: 8.75 ng

RT: 19.50 min Scan# 1118

Delta R.T. 0.00 min

Lab File: BM001356.D

Acq: 21 May 2015 12:10

Instrument :

BNA_M

ClientSampleId :

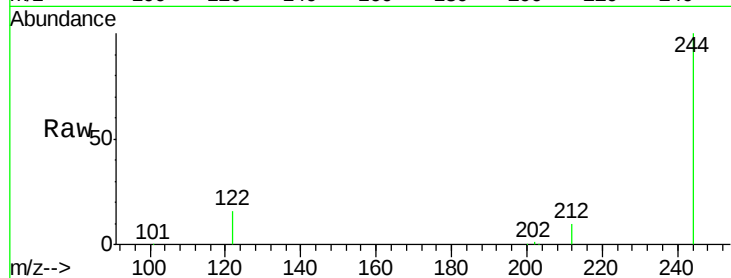
Tot Ion:244 Resp: 79210

Ion Ratio Lower Upper

244 100

212 10.2 8.5 12.7

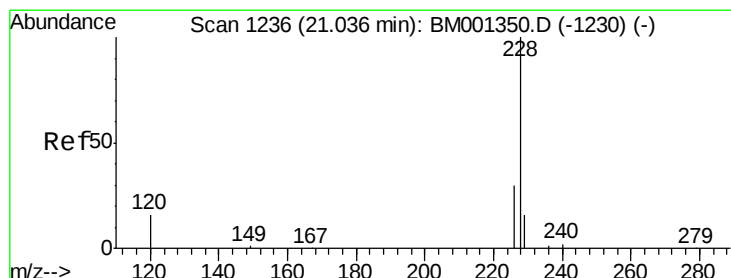
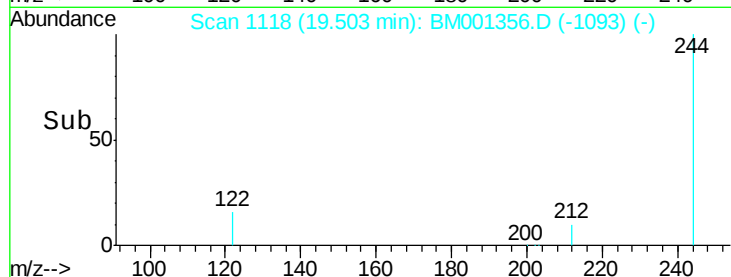
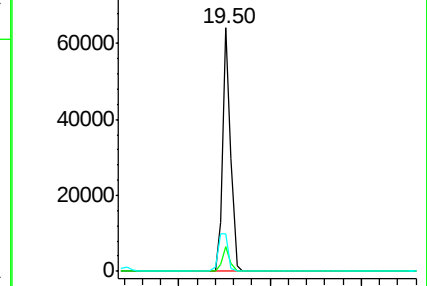
122 15.6 13.4 20.2



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: 8.54 ng

RT: 21.04 min Scan# 1236

Delta R.T. 0.00 min

Lab File: BM001356.D

Acq: 21 May 2015 12:10

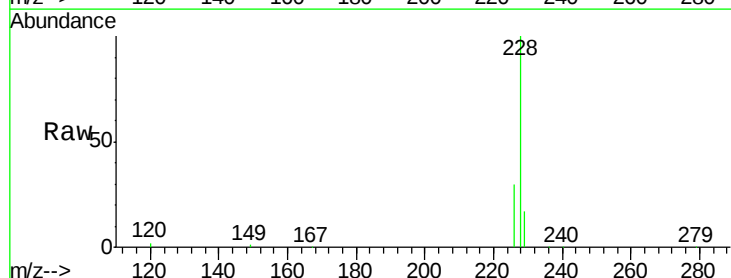
Tgt Ion:228 Resp: 168118

Ion Ratio Lower Upper

228 100

226 29.8 24.5 36.7

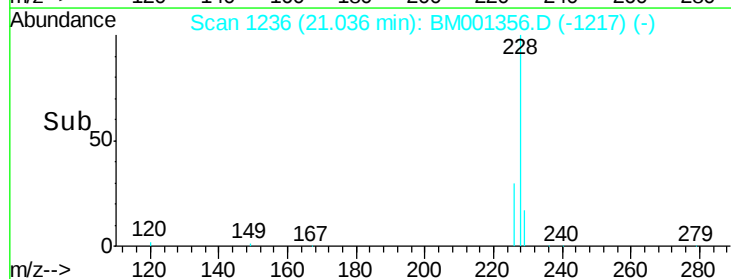
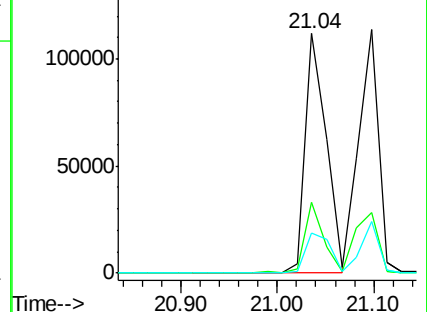
229 16.7 13.3 19.9

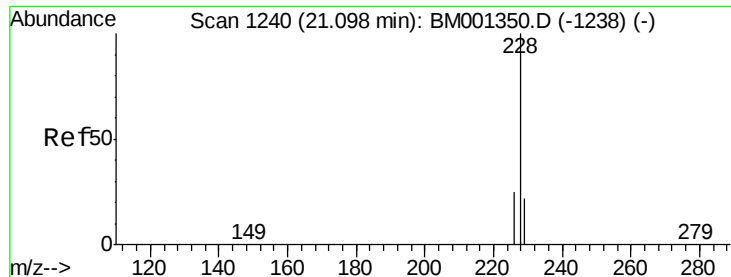


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Chrvsene

Concen: 8.58 ng

RT: 21.10 min Scan# 1240

Delta R.T. 0.00 min

Lab File: BM001356.D

Acq: 21 May 2015 12:10

Instrument :

BNA_M

ClientSampleId :

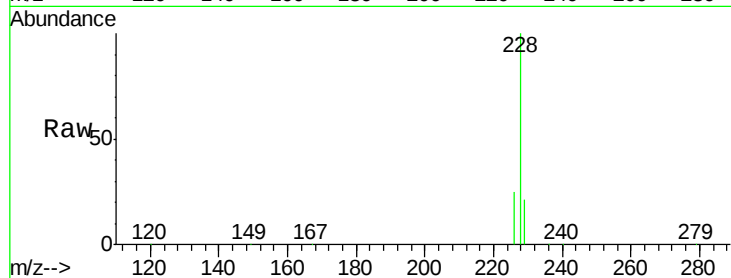
Tot Ion:228 Resp: 161789

Ion Ratio Lower Upper

228 100

226 25.1 20.0 30.0

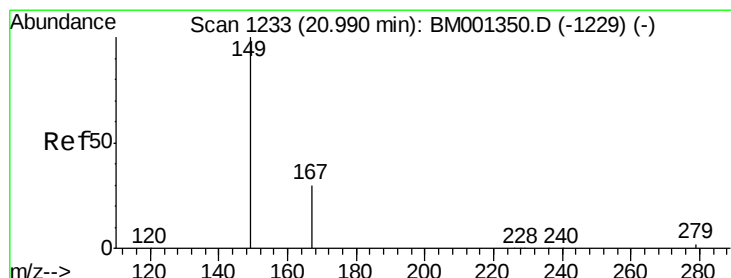
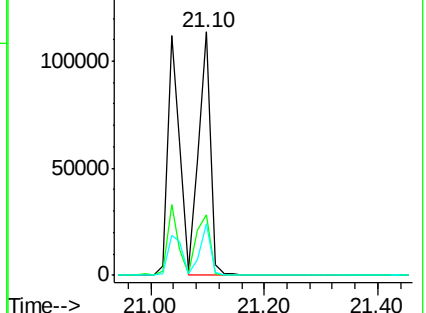
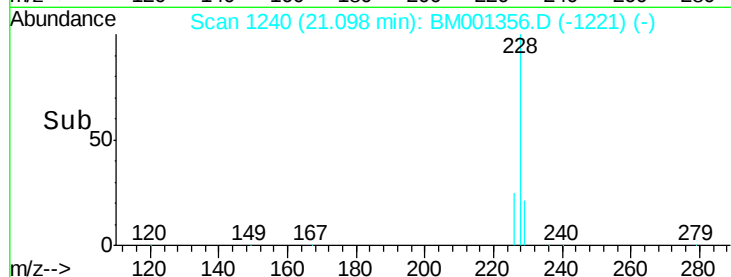
229 21.4 17.6 26.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#30

Bis(2-ethylhexyl)phthalate

Concen: 9.01 ng

RT: 20.99 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BM001356.D

Acq: 21 May 2015 12:10

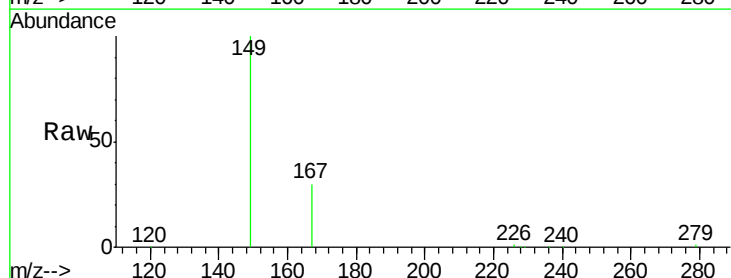
Tgt Ion:149 Resp: 112190

Ion Ratio Lower Upper

149 100

167 27.3 21.6 32.4

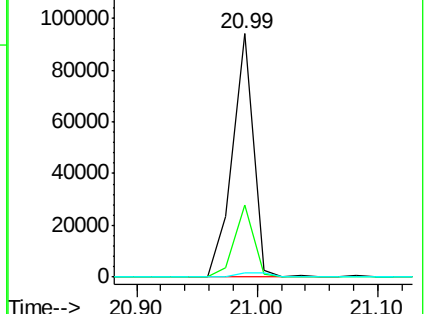
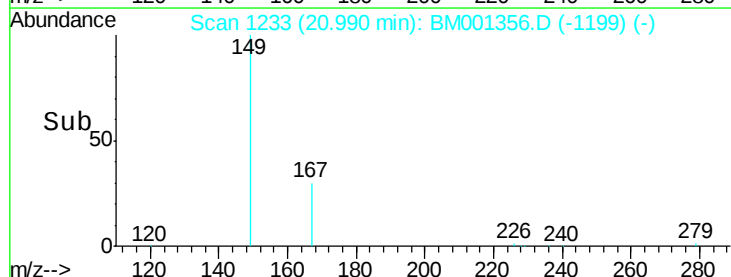
279 2.4 1.9 2.9

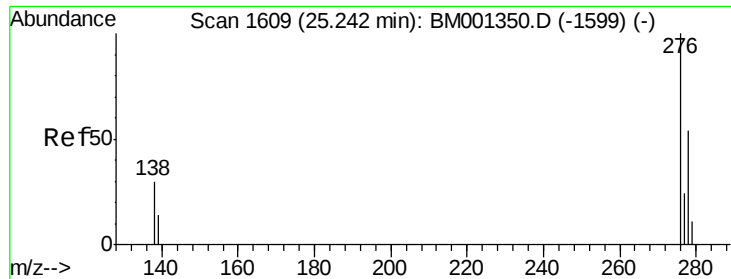


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

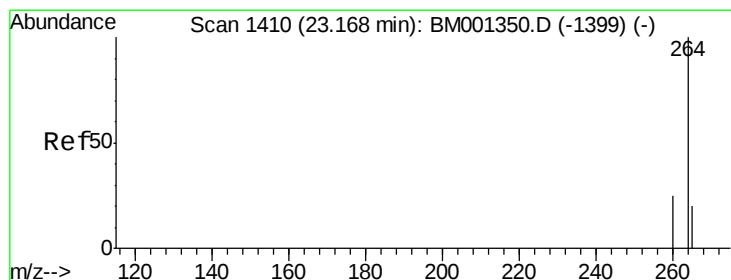
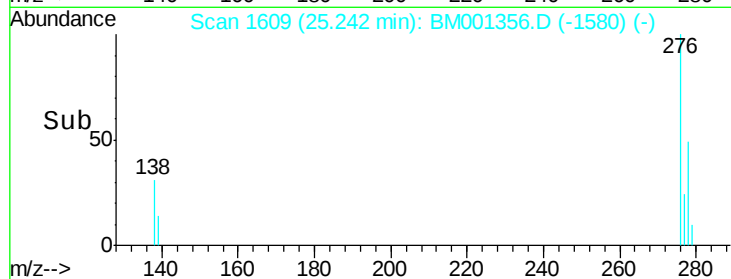
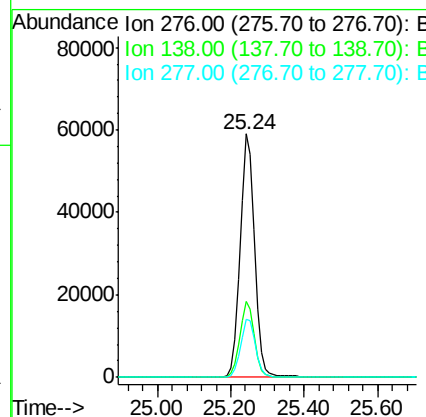
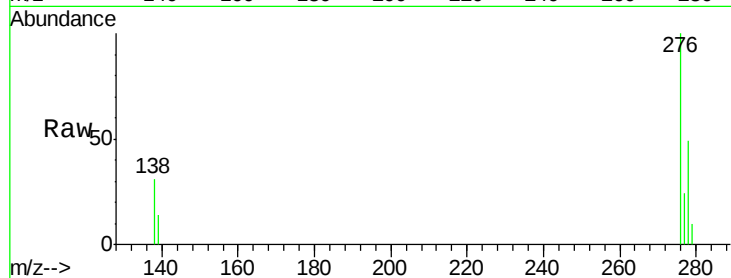




#31
Indeno(1,2,3-cd)pyrene
Concen: 7.90 ng
RT: 25.24 min Scan# 1609
Delta R.T. 0.00 min
Lab File: BM001356.D
Acq: 21 May 2015 12:10

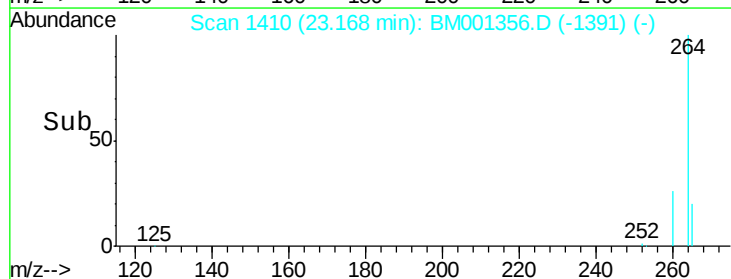
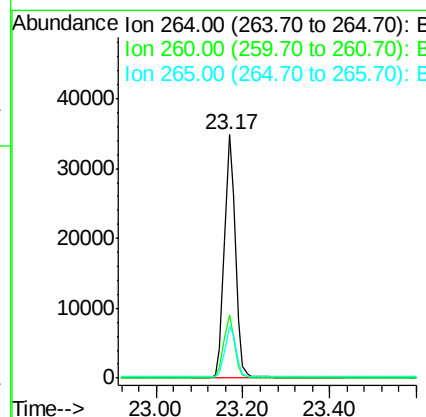
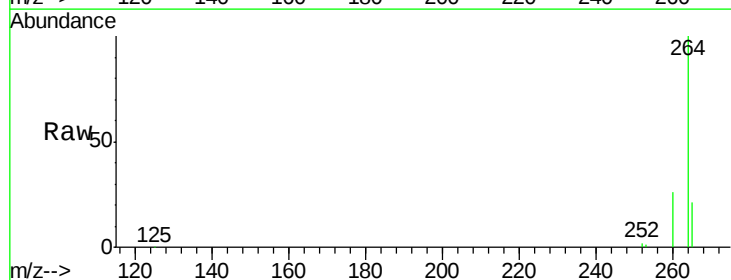
Instrument :
BNA_M
ClientSampleId :

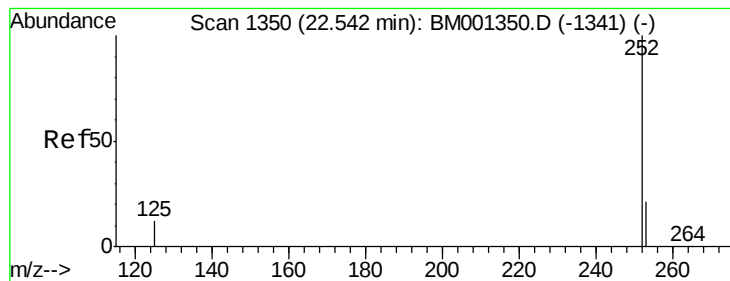
Tot Ion:276 Resp: 160295
Ion Ratio Lower Upper
276 100
138 31.4 24.2 36.4
277 24.6 19.7 29.5



#32
Perylene-d12
Concen: 5.00 ng
RT: 23.17 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BM001356.D
Acq: 21 May 2015 12:10

Tgt Ion:264 Resp: 60909
Ion Ratio Lower Upper
264 100
260 26.1 20.4 30.6
265 21.0 16.6 24.8





#33

Benzo(b)fluoranthene

Concen: 8.65 ng

RT: 22.54 min Scan# 1350

Delta R.T. 0.00 min

Lab File: BM001356.D

Acq: 21 May 2015 12:10

Instrument :

BNA_M

ClientSampleId :

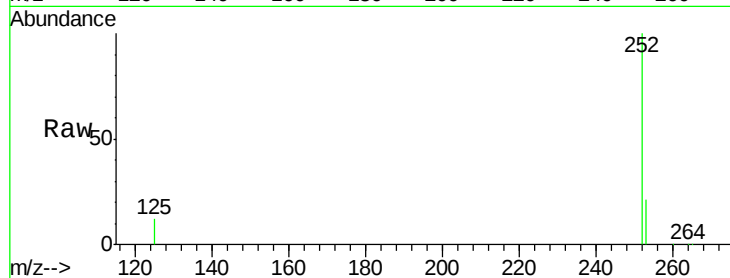
Tot Ion:252 Resp: 162432

Ion Ratio Lower Upper

252 100

253 21.2 17.9 26.9

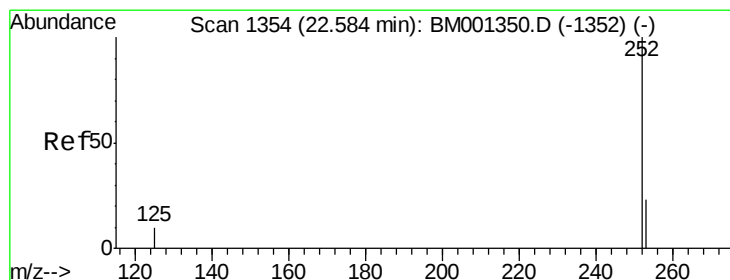
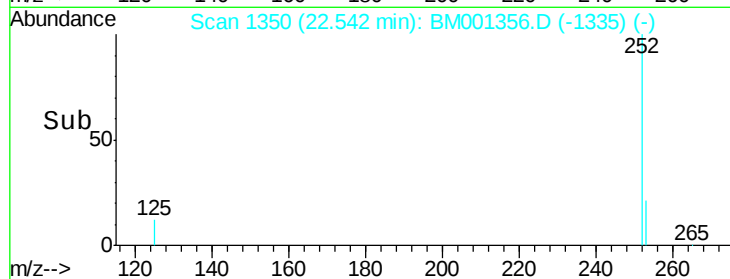
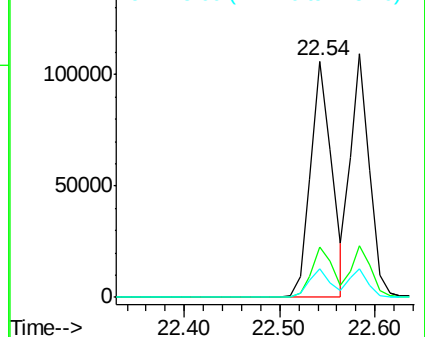
125 12.0 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#34

Benzo(k)fluoranthene

Concen: 9.23 ng

RT: 22.58 min Scan# 1354

Delta R.T. 0.00 min

Lab File: BM001356.D

Acq: 21 May 2015 12:10

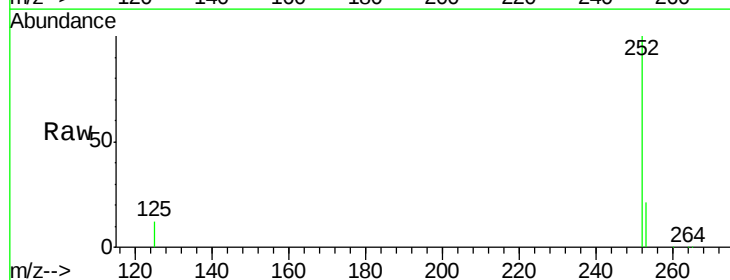
Tgt Ion:252 Resp: 152593

Ion Ratio Lower Upper

252 100

253 21.3 18.6 28.0

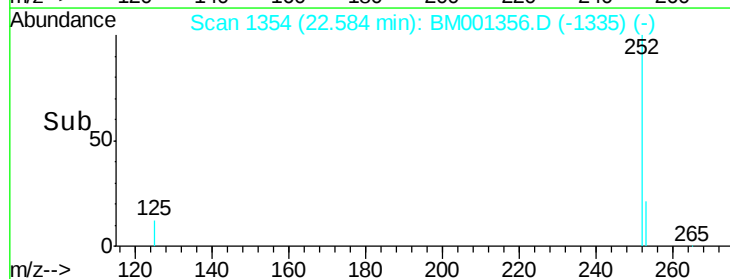
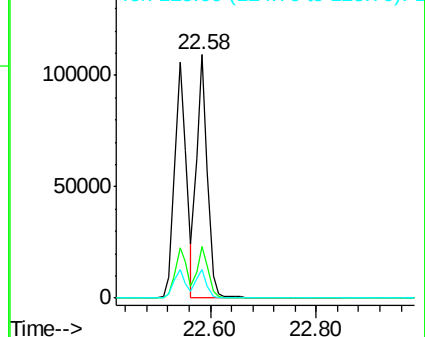
125 11.7 9.3 13.9

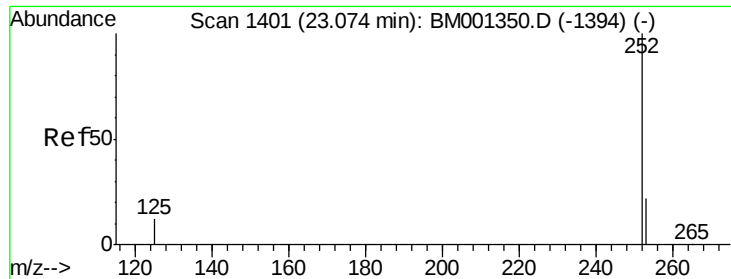


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

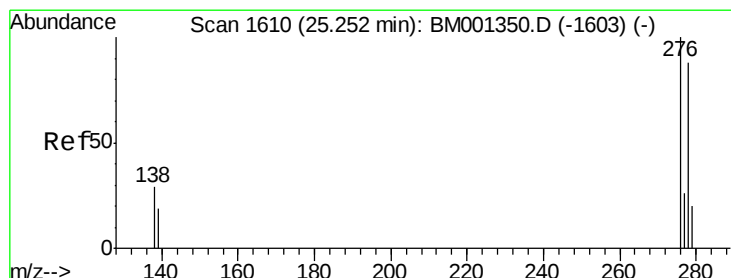
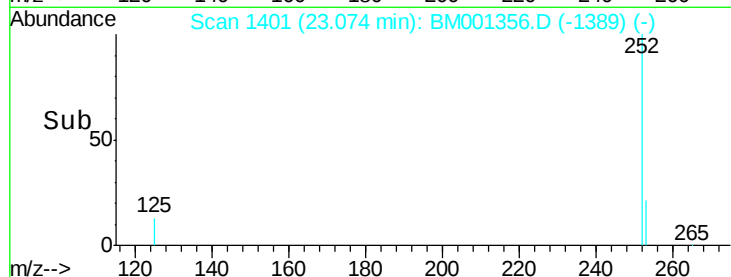
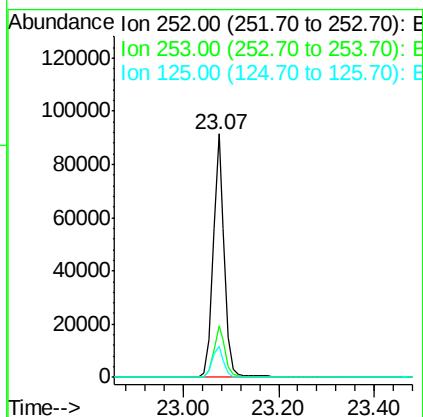
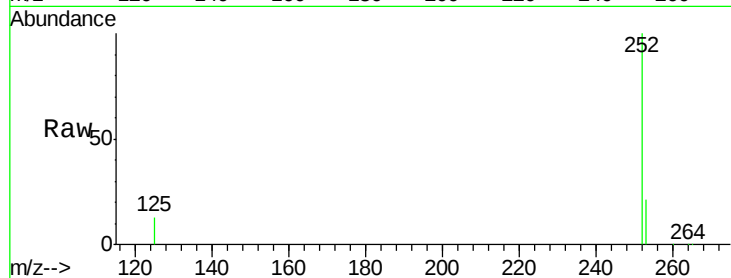




#35
Benzo(a)pyrene
Concen: 9.46 ng
RT: 23.07 min Scan# 1401
Delta R.T. 0.00 min
Lab File: BM001356.D
Acq: 21 May 2015 12:10

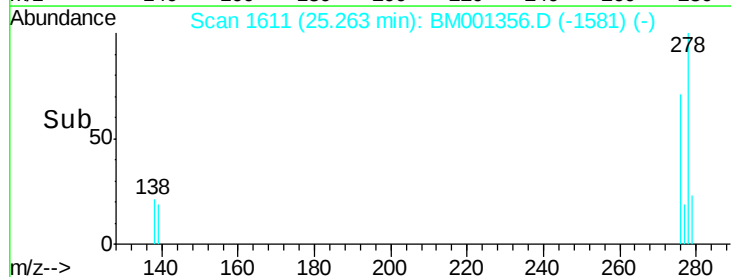
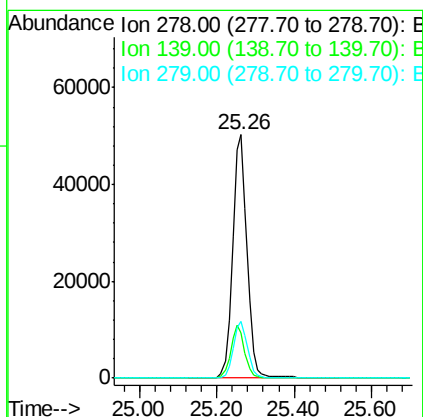
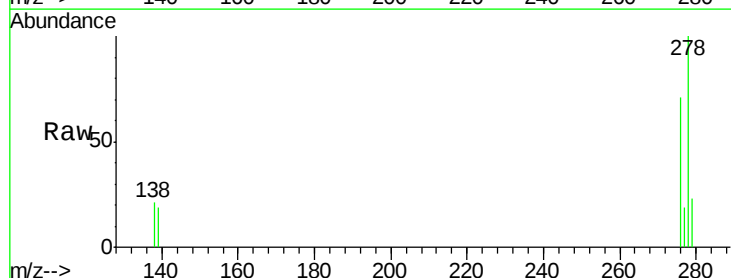
Instrument :
BNA_M
ClientSampleId :

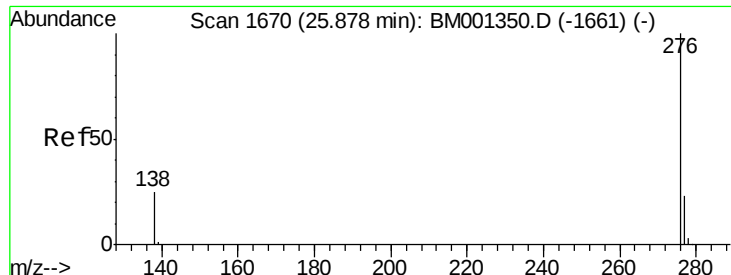
Tot Ion:252 Resp: 151077
Ion Ratio Lower Upper
252 100
253 21.2 18.9 28.3
125 13.0 10.6 15.8



#36
Dibenzo(a,h)anthracene
Concen: 8.73 ng
RT: 25.26 min Scan# 1611
Delta R.T. 0.01 min
Lab File: BM001356.D
Acq: 21 May 2015 12:10

Tgt Ion:278 Resp: 128062
Ion Ratio Lower Upper
278 100
139 18.7 17.5 26.3
279 23.5 18.7 28.1





#37

Benzo(a,h,i)perylene

Concen: 8.36 ng

RT: 25.88 min Scan# 1670

Delta R.T. 0.00 min

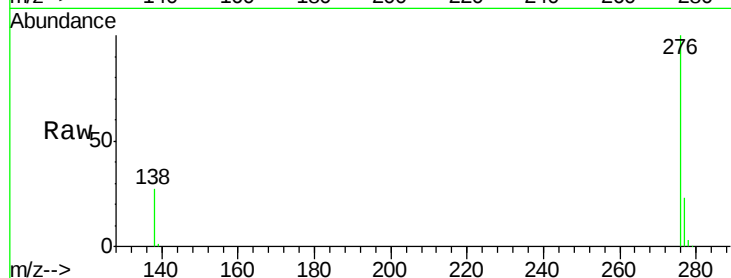
Lab File: BM001356.D

Acq: 21 May 2015 12:10

Instrument :

BNA_M

ClientSampleId :



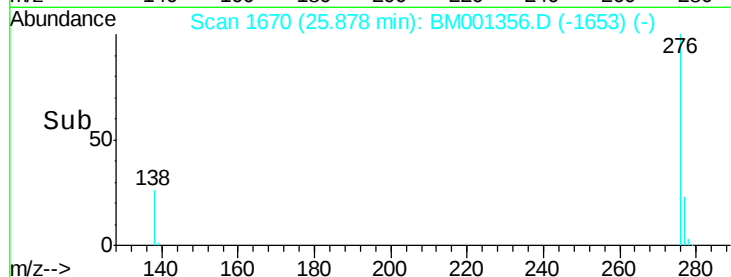
Tot Ion: 276 Resp: 131675

Ion Ratio Lower Upper

276 100

277 23.3 19.2 28.8

138 26.6 20.2 30.4



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

