

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052015\
 Data File : BM001363.D
 Acq On : 21 May 2015 16:20
 Operator : TP/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 21 17:04:47 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

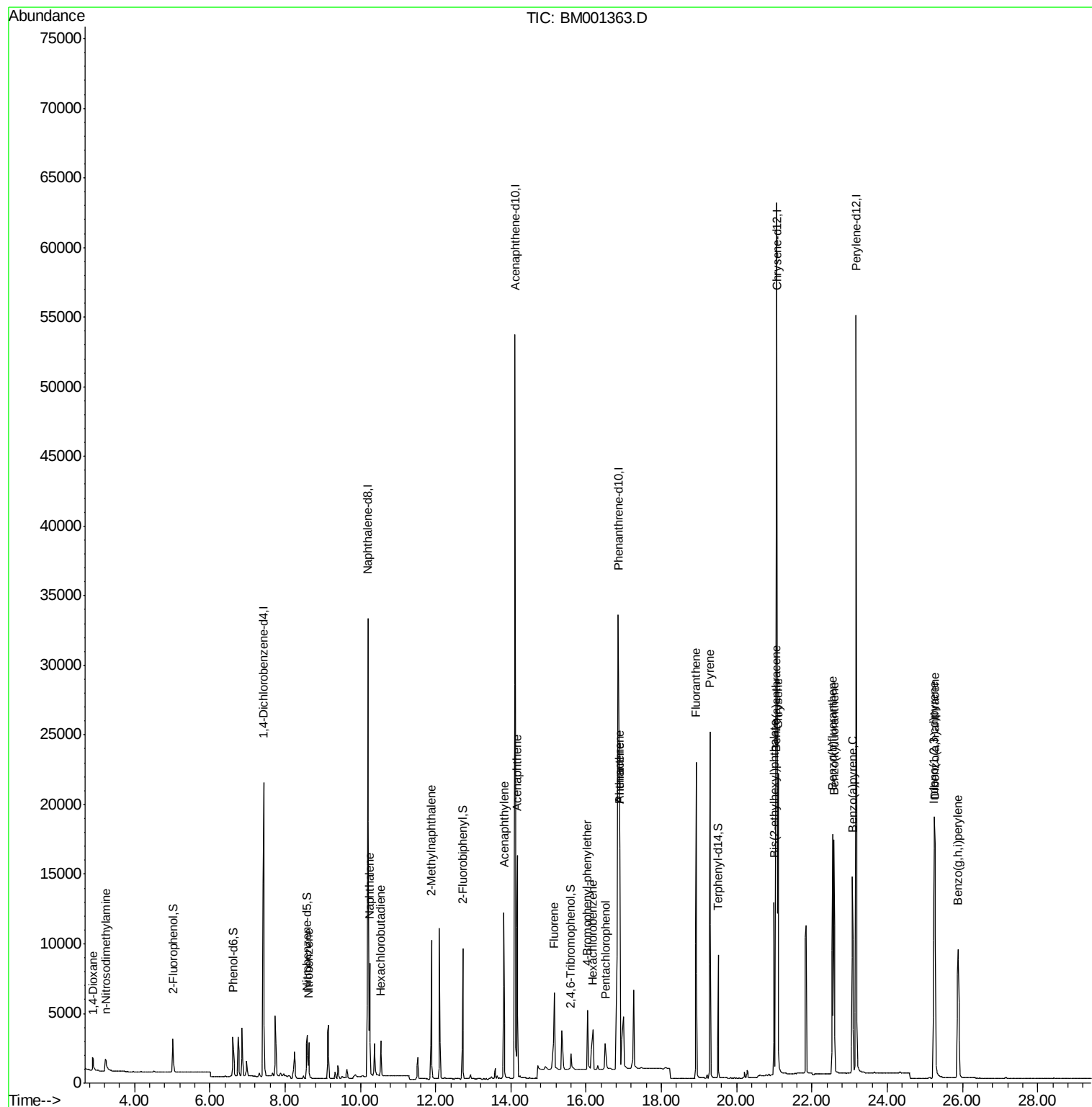
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	11444	5.00	ng	0.00
6) Naphthalene-d8	10.20	136	46856	5.00	ng	0.00
12) Acenaphthene-d10	14.11	164	30502	5.00	ng	0.00
18) Phenanthrene-d10	16.85	188	68939	5.00	ng	0.00
25) Chrysene-d12	21.07	240	70186	5.00	ng	0.00
32) Perylene-d12	23.17	264	66059	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.02	112	2338	1.05	ng	0.00
5) Phenol-d6	6.61	99	2988	1.08	ng	0.00
7) Nitrobenzene-d5	8.59	82	2674	1.06	ng	0.00
13) 2,4,6-Tribromophenol	15.59	330	1088	0.95	ng	0.00
14) 2-Fluorobiphenyl	12.72	172	9479	1.04	ng	0.00
27) Terphenyl-d14	19.50	244	9506	1.03	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.90	88	1396	1.36	ng	91
3) n-Nitrosodimethylamine	3.23	42	1417	1.10	ng	# 97
8) Nitrobenzene	8.63	77	2825	1.00	ng	100
9) Naphthalene	10.25	128	10458	1.05	ng	100
10) Hexachlorobutadiene	10.54	225	2023	1.05	ng	100
11) 2-Methylnaphthalene	11.89	142	7514	1.06	ng	99
15) Acenaphthylene	13.82	152	13429	1.05	ng	100
16) Acenaphthene	14.17	154	8427	1.05	ng	99
17) Fluorene	15.15	166	6705	1.04	ng	94
19) 4-Bromophenyl-phenylether	16.04	248	3402	0.90	ng	97
20) Hexachlorobenzene	16.17	284	4916	0.97	ng	# 98
21) Pentachlorophenol	16.51	266	1704	0.96	ng	98
22) Phenanthrene	16.89	178	26877	1.11	ng	99
23) Anthracene	16.89	178	26877	2.86	ng	# 54
24) Fluoranthene	18.92	202	20581	0.99	ng	100
26) Pyrene	19.29	202	22132	1.03	ng	100
28) Benzo(a)anthracene	21.04	228	20190	1.01	ng	99
29) Chrysene	21.10	228	19676	1.02	ng	98
30) Bis(2-ethylhexyl)phthalate	20.99	149	11192	1.06	ng	99
31) Indeno(1,2,3-cd)pyrene	25.24	276	21008	1.01	ng	100
33) Benzo(b)fluoranthene	22.54	252	20126	0.99	ng	100
34) Benzo(k)fluoranthene	22.58	252	19252	1.07	ng	98
35) Benzo(a)pyrene	23.07	252	17949	1.04	ng	98
36) Dibenzo(a,h)anthracene	25.26	278	16251	1.02	ng	97
37) Benzo(g,h,i)perylene	25.88	276	17418	1.02	ng	98

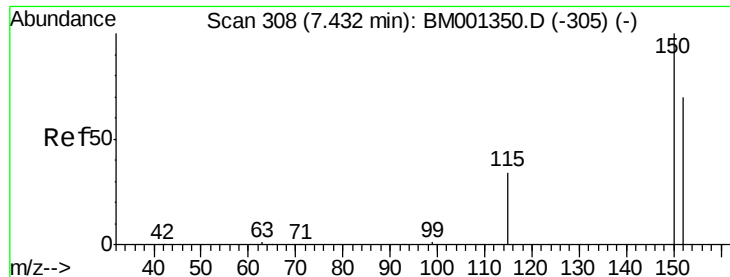
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.43 min Scan# 308

Delta R.T. 0.00 min

Lab File: BM001363.D

Acq: 21 May 2015 16:20

Instrument :

BNA_M

ClientSampleId :

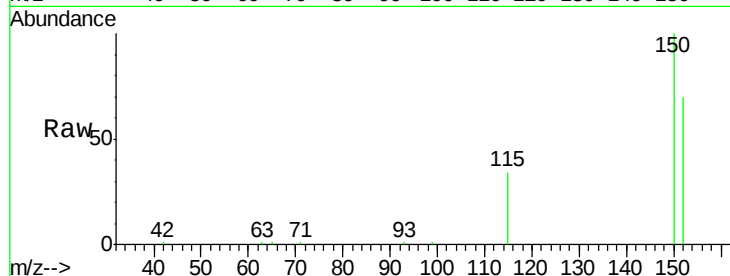
Tot Ion:152 Resp: 11444

Ion Ratio Lower Upper

152 100

150 142.8 114.1 171.1

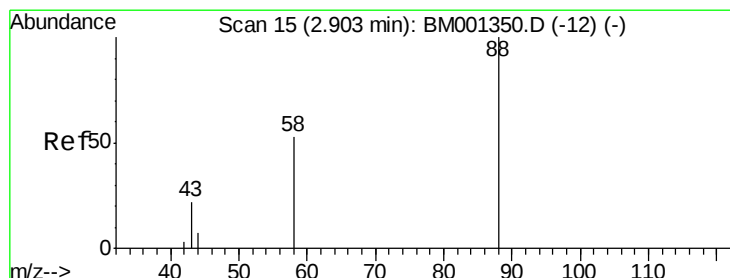
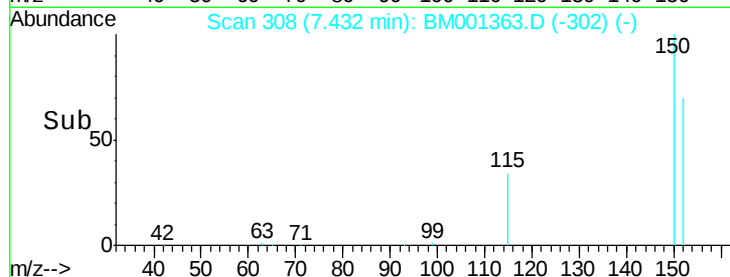
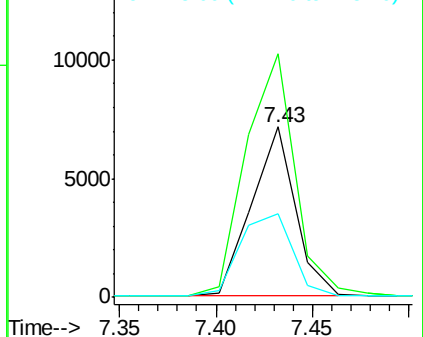
115 49.0 39.2 58.8



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: 1.36 ng

RT: 2.90 min Scan# 15

Delta R.T. 0.00 min

Lab File: BM001363.D

Acq: 21 May 2015 16:20

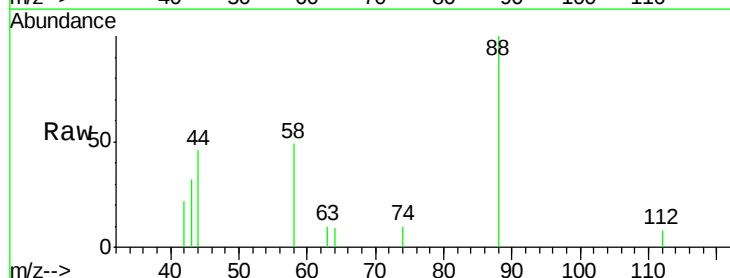
Tgt Ion: 88 Resp: 1396

Ion Ratio Lower Upper

88 100

58 58.0 53.1 79.7

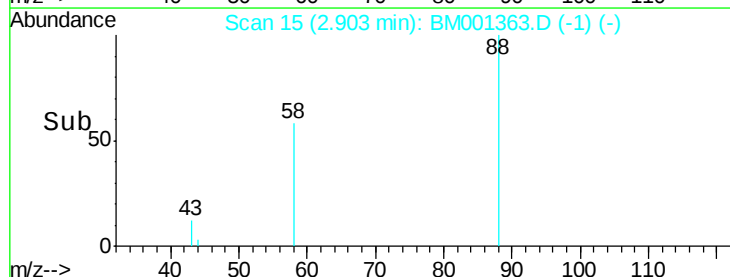
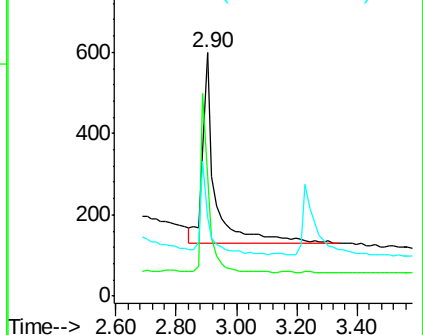
43 31.5 27.8 41.8

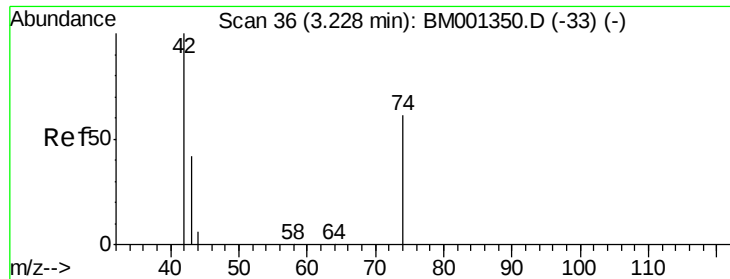


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0



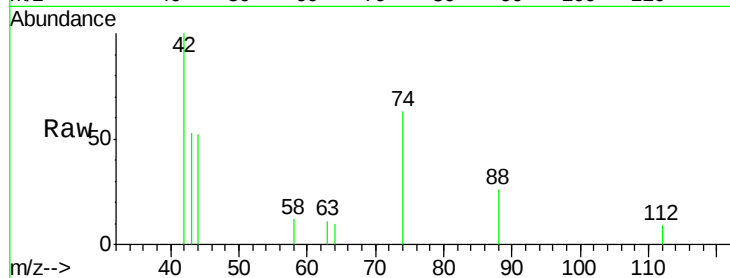


#3

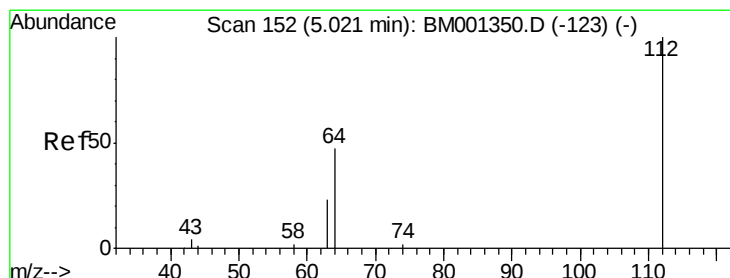
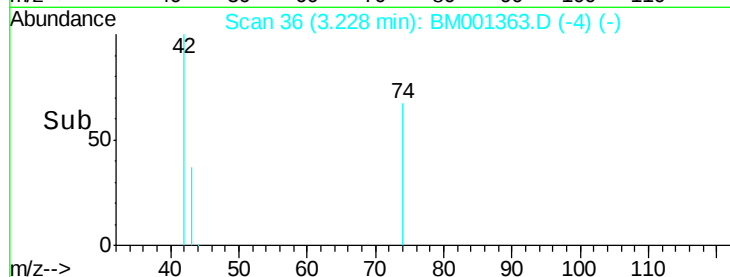
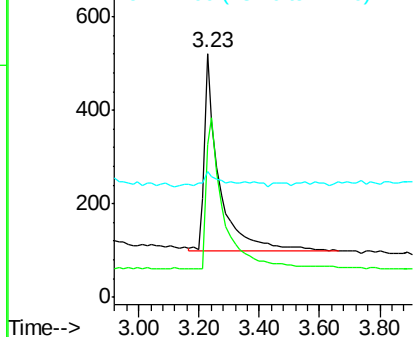
n-Nitrosodimethylamine
 Concen: 1.10 ng
 RT: 3.23 min Scan# 36
 Delta R.T. 0.00 min
 Lab File: BM001363.D
 Acq: 21 May 2015 16:20

Instrument :
 BNA_M
 ClientSampleID :

Tot Ion: 42 Resp: 1417
 Ion Ratio Lower Upper
 42 100
 74 89.4 70.0 105.0
 44 8.8 3.6 5.4#



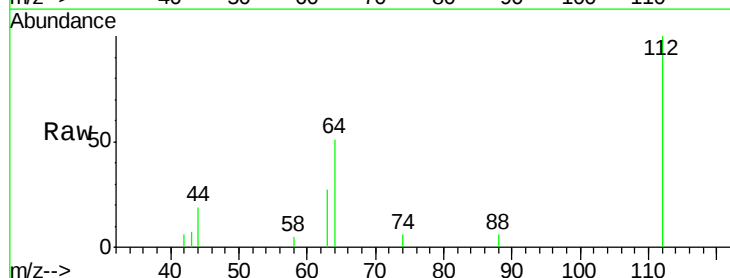
Abundance Ion 42.00 (41.70 to 42.70): BM0
 Ion 74.00 (73.70 to 74.70): BM0
 Ion 44.00 (43.70 to 44.70): BM0



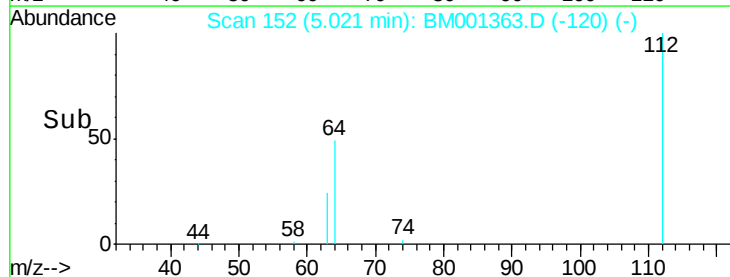
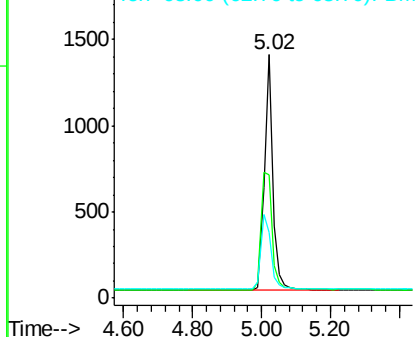
#4

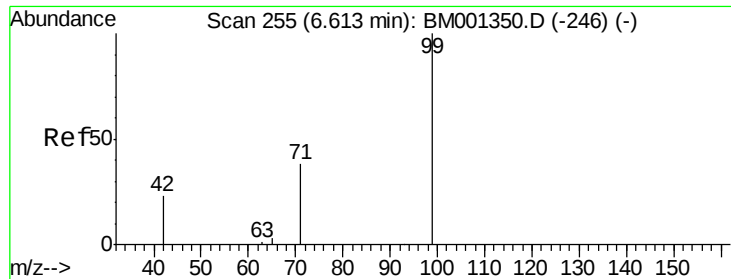
2-Fluorophenol
 Concen: 1.05 ng
 RT: 5.02 min Scan# 152
 Delta R.T. 0.00 min
 Lab File: BM001363.D
 Acq: 21 May 2015 16:20

Tgt Ion: 112 Resp: 2338
 Ion Ratio Lower Upper
 112 100
 64 63.6 52.9 79.3
 63 36.7 29.6 44.4



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BM0
 Ion 63.00 (62.70 to 63.70): BM0





#5

Phenol-d6

Concen: 1.08 ng

RT: 6.61 min Scan# 255

Delta R.T. 0.00 min

Lab File: BM001363.D

Acq: 21 May 2015 16:20

Instrument :

BNA_M

ClientSampleId :

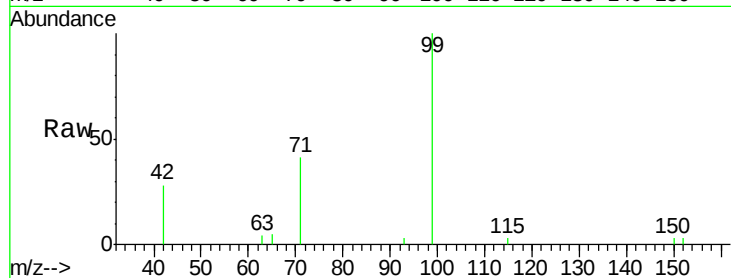
Tot Ion: 99 Resp: 2988

Ion Ratio Lower Upper

99 100

42 25.5 21.4 32.2

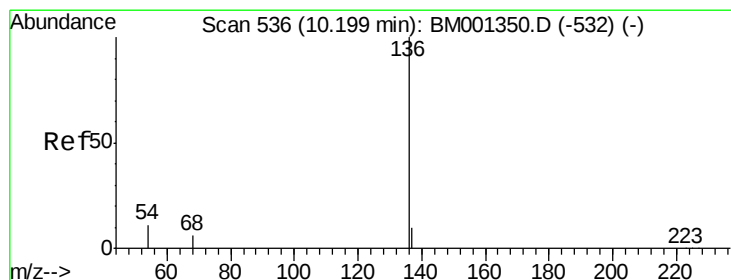
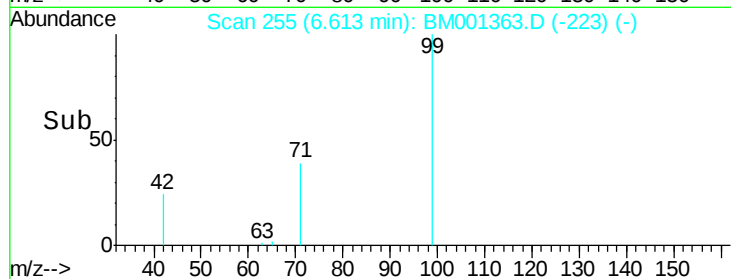
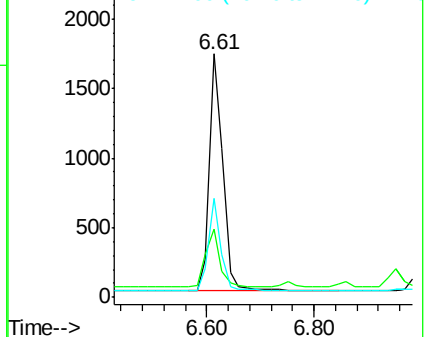
71 36.3 29.0 43.4



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: BM001363.D

Acq: 21 May 2015 16:20

Tgt Ion: 136 Resp: 46856

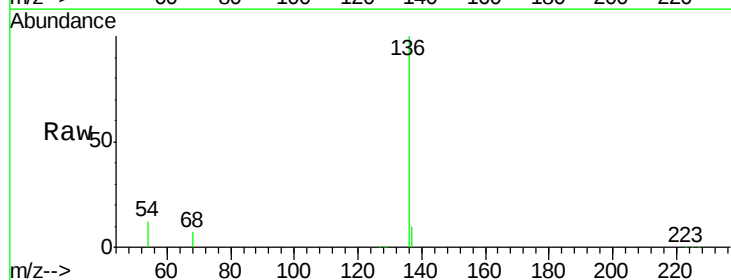
Ion Ratio Lower Upper

136 100

137 10.4 8.2 12.4

54 11.9 9.4 14.0

68 6.7 5.2 7.8

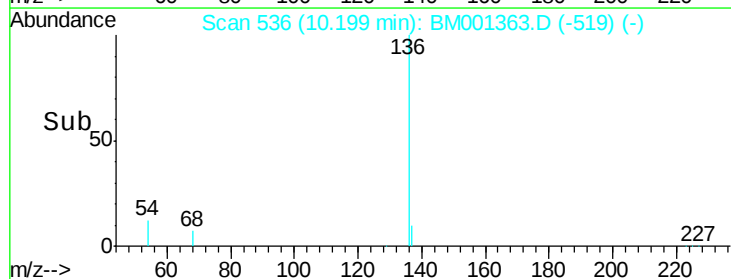
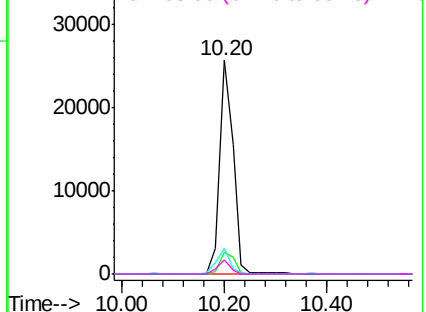


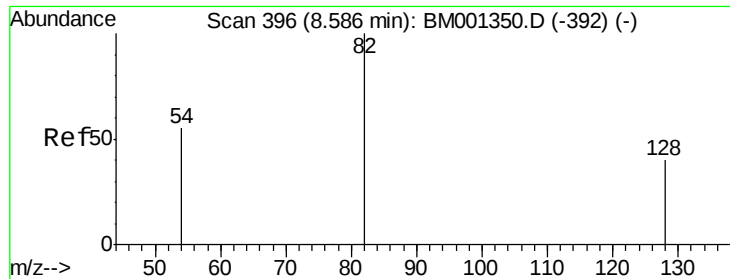
Abundance Ion 136.00 (135.70 to 136.70): BM001350.D (-532) (-)

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: 1.06 ng

RT: 8.59 min Scan# 396

Delta R.T. 0.00 min

Lab File: BM001363.D

Acq: 21 May 2015 16:20

Instrument :

BNA_M

ClientSampleId :

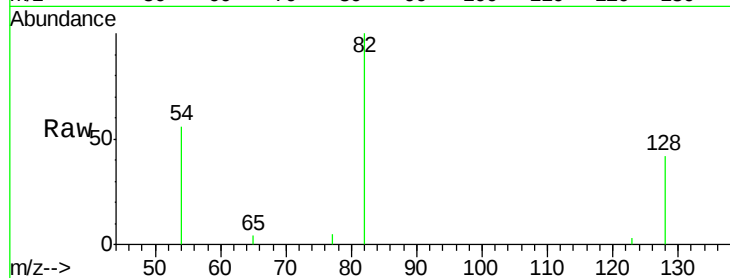
Tot Ion: 82 Resp: 2674

Ion Ratio Lower Upper

82 100

128 42.5 33.5 50.3

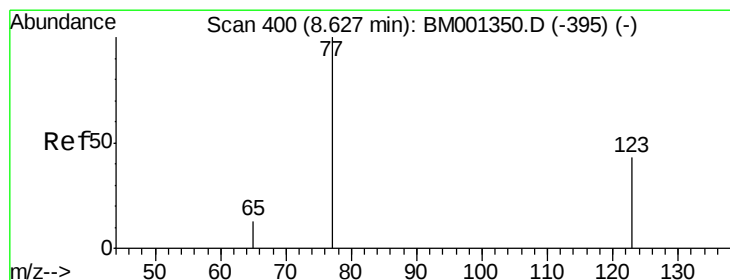
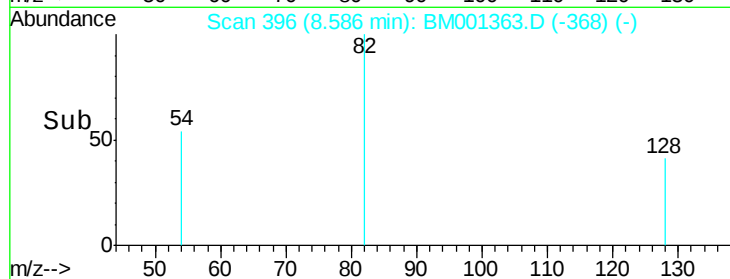
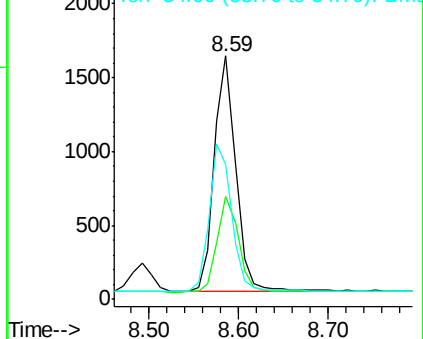
54 55.6 45.1 67.7



Abundance Ion 82.00 (81.70 to 82.70): BM001350.D (-392) (-)

Ion 128.00 (127.70 to 128.70): BM001350.D (-392) (-)

Ion 54.00 (53.70 to 54.70): BM001350.D (-392) (-)



#8

Nitrobenzene

Concen: 1.00 ng

RT: 8.63 min Scan# 400

Delta R.T. 0.00 min

Lab File: BM001363.D

Acq: 21 May 2015 16:20

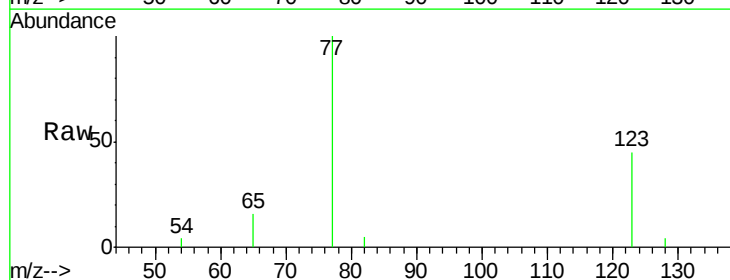
Tgt Ion: 77 Resp: 2825

Ion Ratio Lower Upper

77 100

123 42.0 33.6 50.4

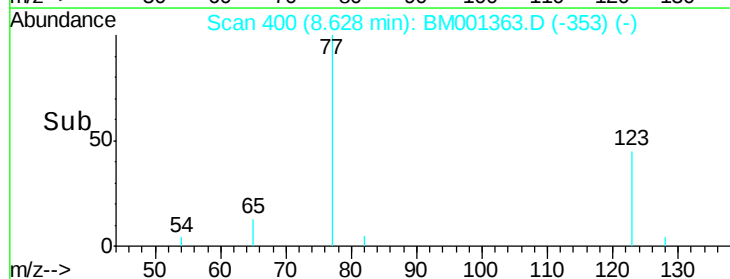
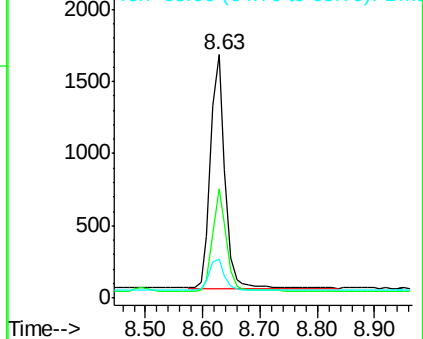
65 13.9 11.3 16.9

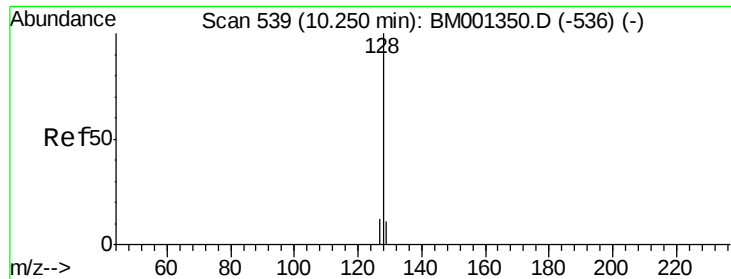


Abundance Ion 77.00 (76.70 to 77.70): BM001350.D (-395) (-)

Ion 123.00 (122.70 to 123.70): BM001350.D (-395) (-)

Ion 65.00 (64.70 to 65.70): BM001350.D (-395) (-)





#9

Naphthalene

Concen: 1.05 ng

RT: 10.25 min Scan# 539

Delta R.T. 0.00 min

Lab File: BM001363.D

Acq: 21 May 2015 16:20

Instrument :

BNA_M

ClientSampleId :

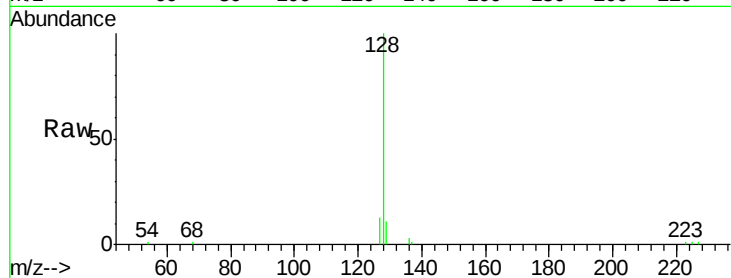
Tot Ion:128 Resp: 10458

Ion Ratio Lower Upper

128 100

129 11.3 9.1 13.7

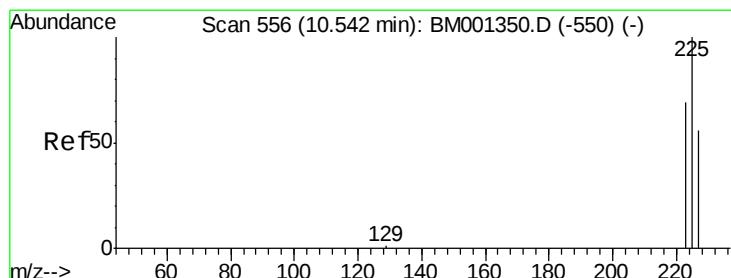
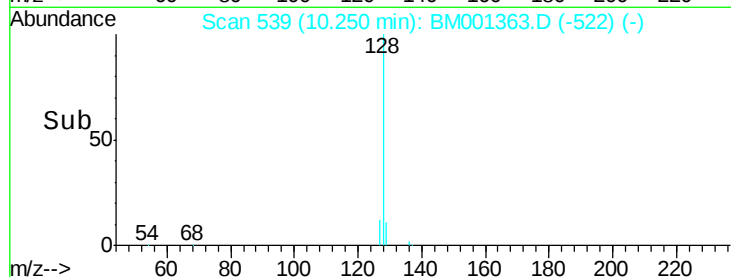
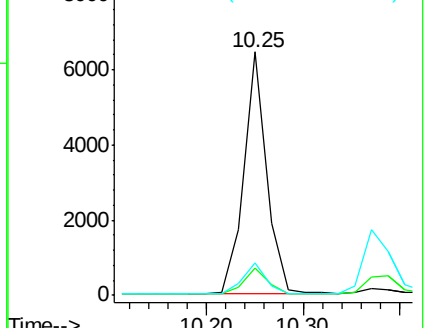
127 13.1 10.4 15.6



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: 1.05 ng

RT: 10.54 min Scan# 556

Delta R.T. 0.00 min

Lab File: BM001363.D

Acq: 21 May 2015 16:20

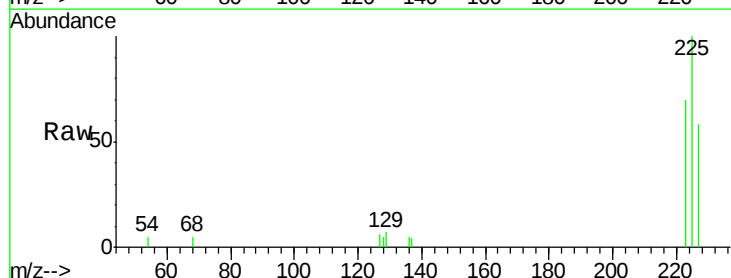
Tgt Ion:225 Resp: 2023

Ion Ratio Lower Upper

225 100

223 63.0 50.3 75.5

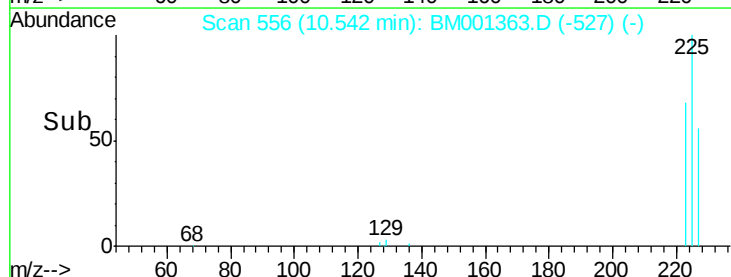
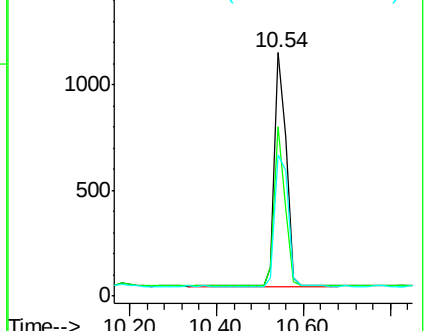
227 63.6 50.6 75.8

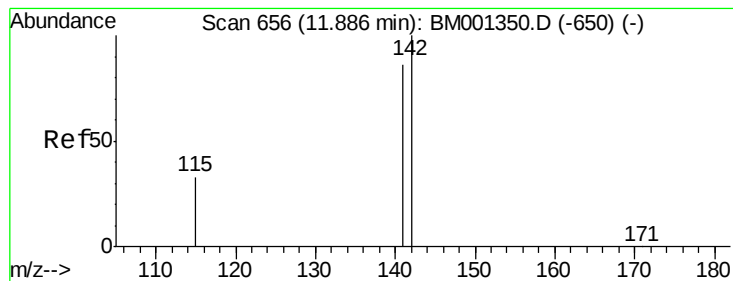


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 1.06 ng

RT: 11.89 min Scan# 656

Delta R.T. 0.00 min

Lab File: BM001363.D

Acq: 21 May 2015 16:20

Instrument :

BNA_M

ClientSampleId :

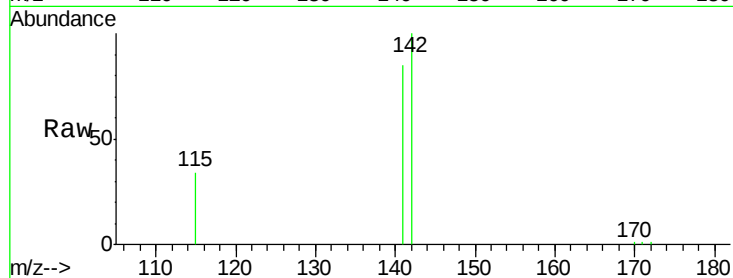
Tot Ion:142 Resp: 7514

Ion Ratio Lower Upper

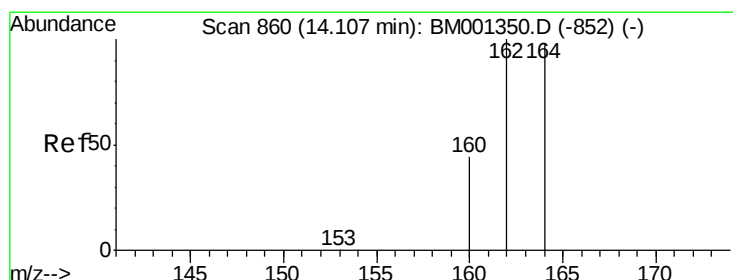
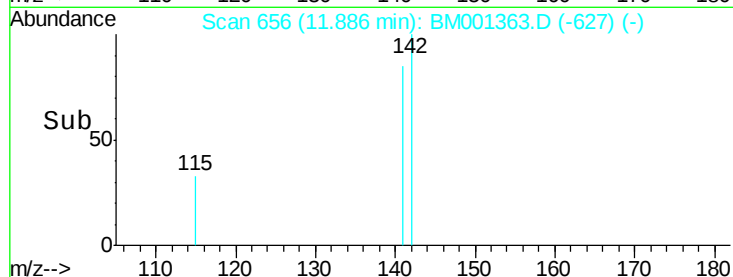
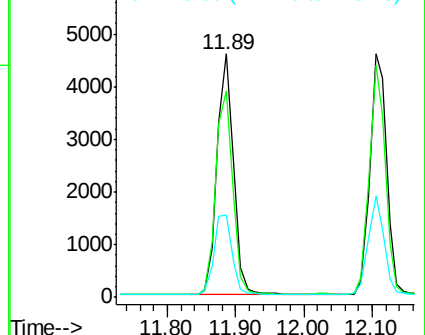
142 100

141 84.8 69.0 103.4

115 34.0 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.11 min Scan# 860

Delta R.T. 0.00 min

Lab File: BM001363.D

Acq: 21 May 2015 16:20

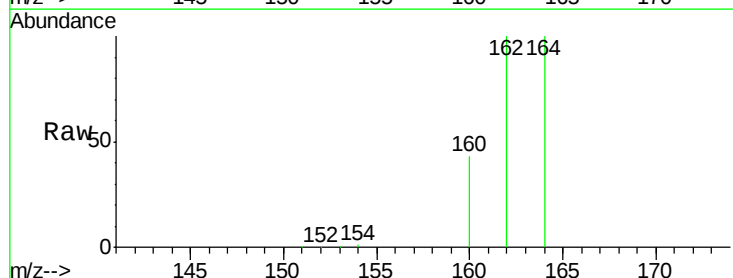
Tgt Ion:164 Resp: 30502

Ion Ratio Lower Upper

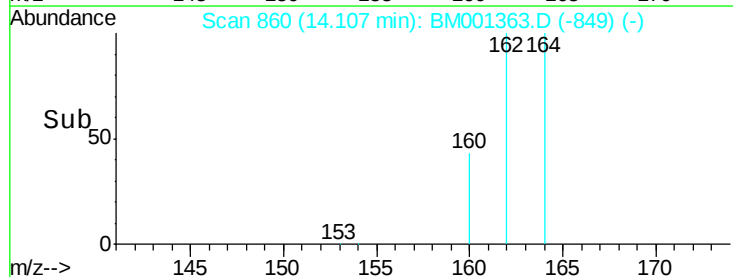
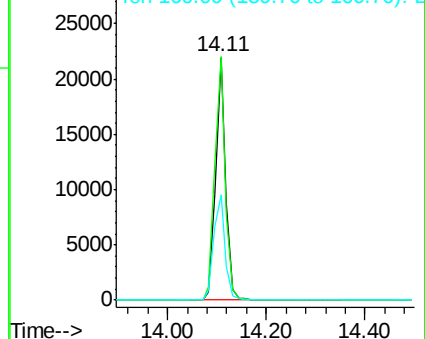
164 100

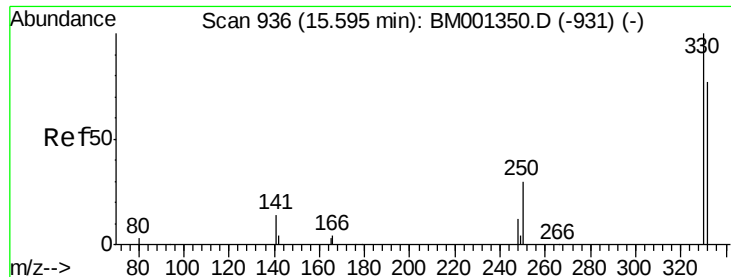
162 100.4 81.8 122.8

160 43.3 35.8 53.8



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

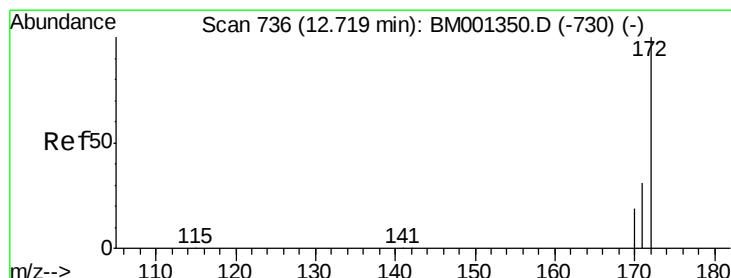
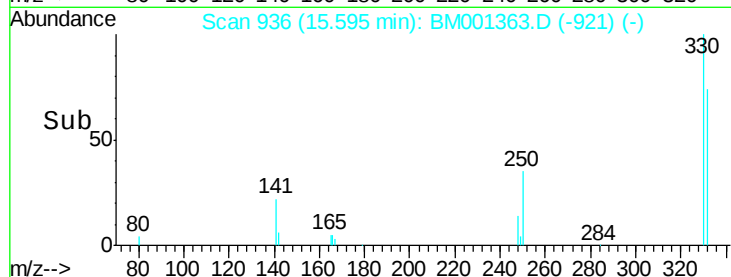
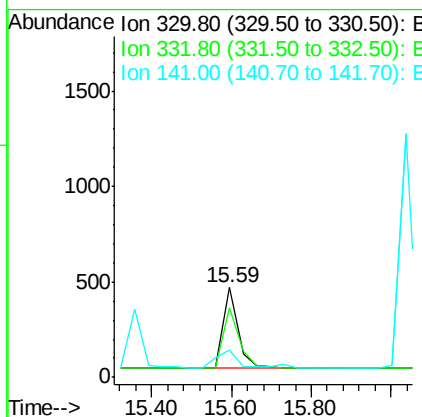
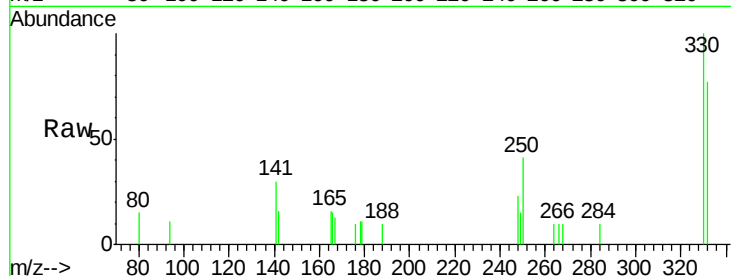




#13
 2,4,6-Tribromophenol
 Concen: 0.95 ng
 RT: 15.59 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: BM001363.D
 Acq: 21 May 2015 16:20

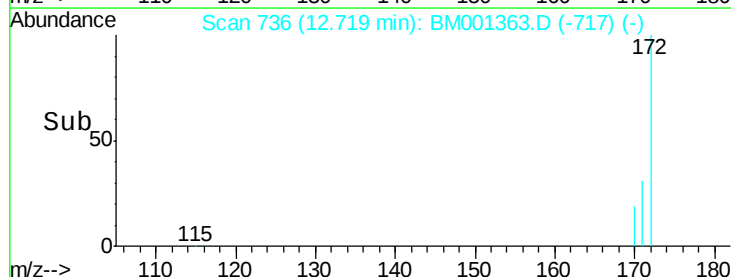
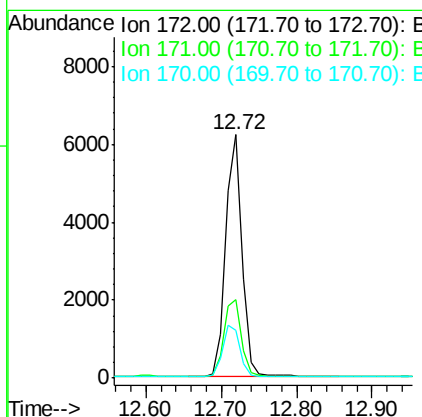
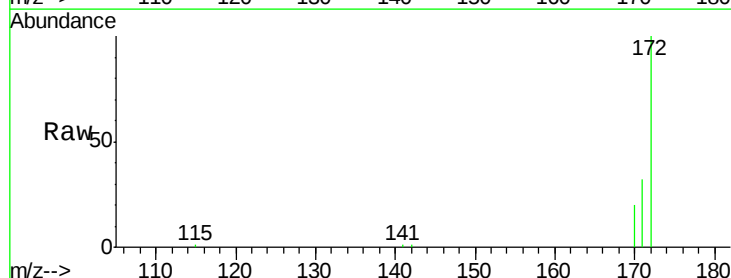
Instrument :
 BNA_M
 ClientSampleId :

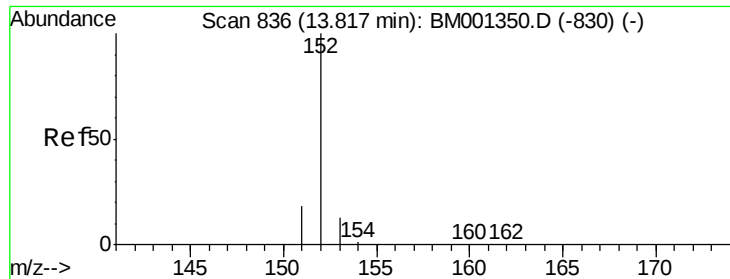
Tot Ion:330 Resp: 1088
 Ion Ratio Lower Upper
 330 100
 332 83.2 65.4 98.2
 141 30.3 20.2 30.4



#14
 2-Fluorobiphenyl
 Concen: 1.04 ng
 RT: 12.72 min Scan# 736
 Delta R.T. 0.00 min
 Lab File: BM001363.D
 Acq: 21 May 2015 16:20

Tgt Ion:172 Resp: 9479
 Ion Ratio Lower Upper
 172 100
 171 32.2 25.4 38.2
 170 19.6 15.7 23.5





#15

Acenaphthylene

Concen: 1.05 ng

RT: 13.82 min Scan# 836

Delta R.T. 0.00 min

Lab File: BM001363.D

Acq: 21 May 2015 16:20

Instrument :

BNA_M

ClientSampleId :

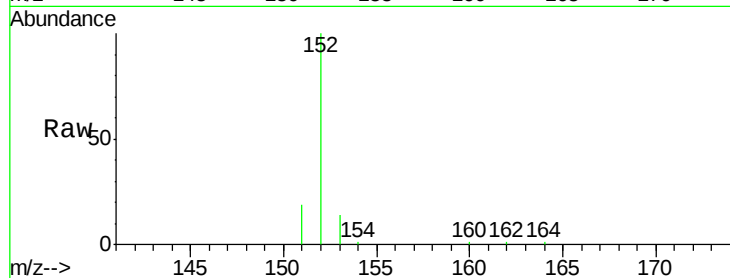
Tot Ion:152 Resp: 13429

Ion Ratio Lower Upper

152 100

151 18.9 15.3 22.9

153 13.0 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

12000

10000

8000

6000

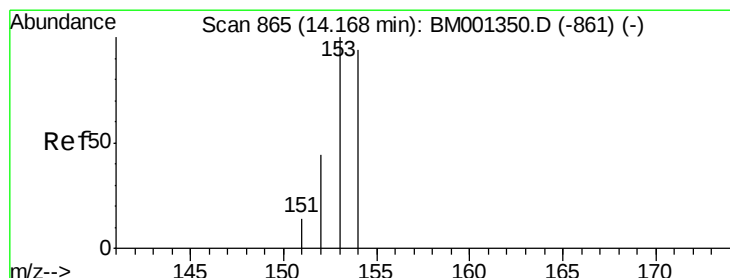
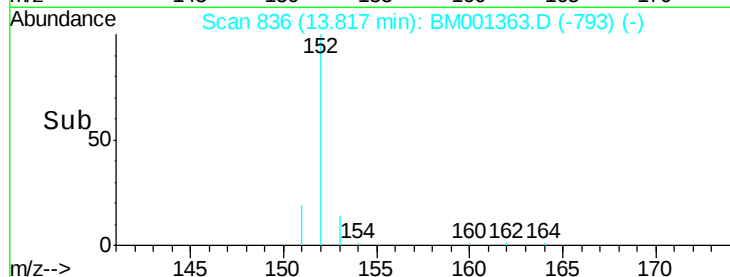
4000

2000

0

13.82

Time--> 13.60 13.80 14.00



#16

Acenaphthene

Concen: 1.05 ng

RT: 14.17 min Scan# 865

Delta R.T. 0.00 min

Lab File: BM001363.D

Acq: 21 May 2015 16:20

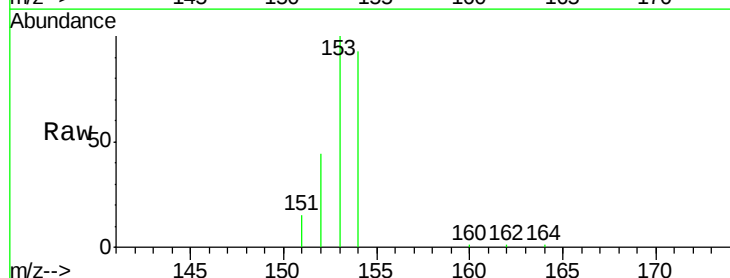
Tgt Ion:154 Resp: 8427

Ion Ratio Lower Upper

154 100

153 112.3 90.6 135.8

152 53.3 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

8000

6000

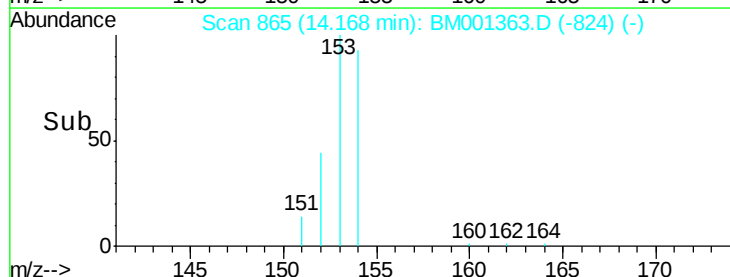
4000

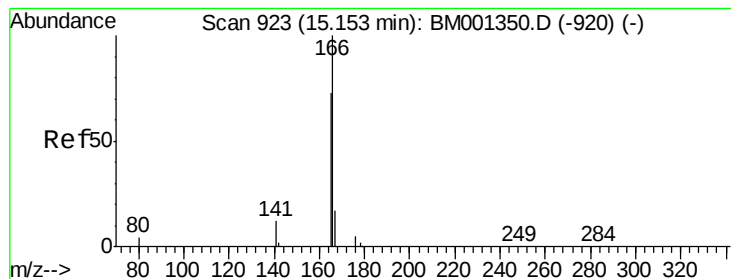
2000

0

14.17

Time--> 14.00 14.10 14.20





#17

Fluorene

Concen: 1.04 ng

RT: 15.15 min Scan# 923

Delta R.T. 0.00 min

Lab File: BM001363.D

Acq: 21 May 2015 16:20

Instrument :

BNA_M

ClientSampleId :

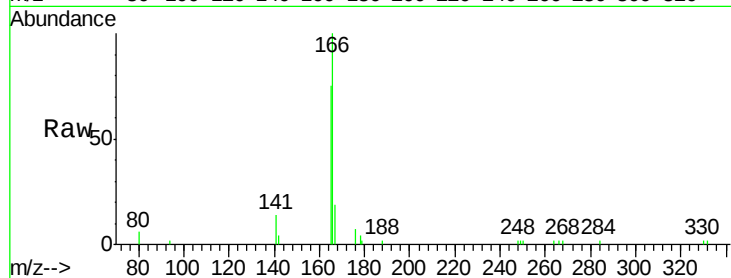
Tot Ion:166 Resp: 6705

Ion Ratio Lower Upper

166 100

165 84.8 72.5 108.7

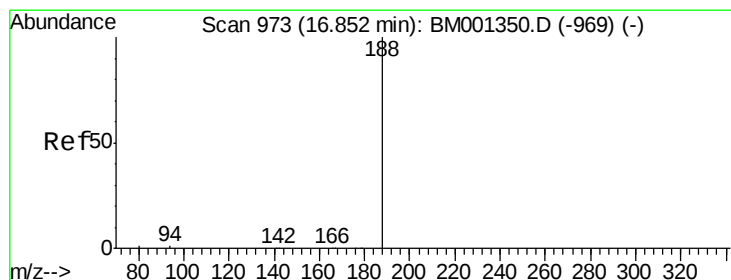
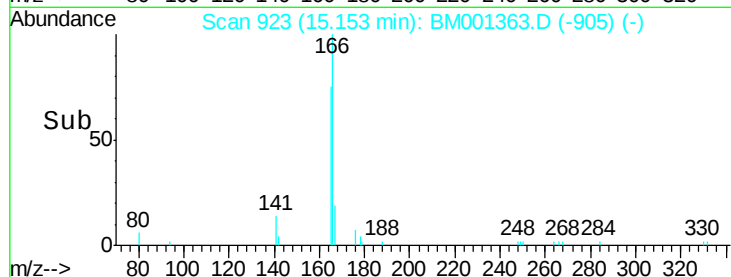
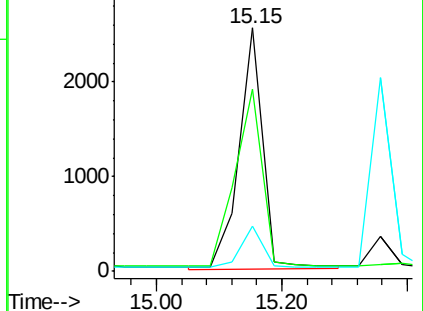
167 18.8 16.0 24.0



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: 16.85 min Scan# 973

Delta R.T. 0.00 min

Lab File: BM001363.D

Acq: 21 May 2015 16:20

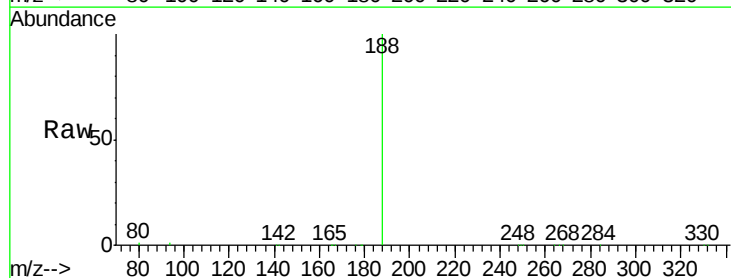
Tgt Ion:188 Resp: 68939

Ion Ratio Lower Upper

188 100

94 0.9 0.6 1.0

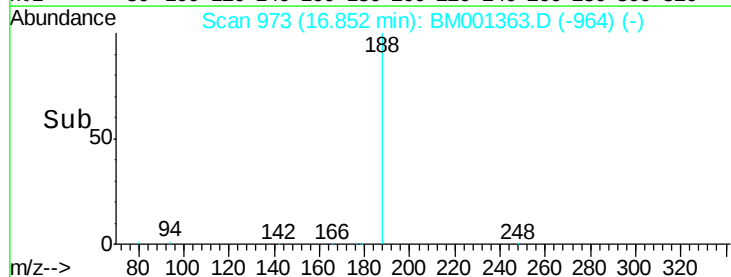
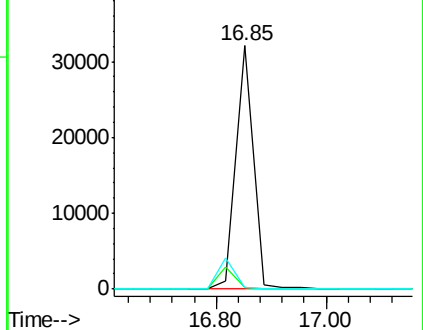
80 0.8 0.6 0.8

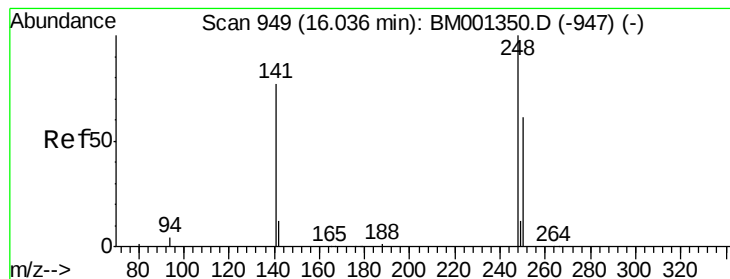


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#19

4-Bromophenyl-phenylether

Concen: 0.90 ng

RT: 16.04 min Scan# 949

Delta R.T. 0.00 min

Lab File: BM001363.D

Acq: 21 May 2015 16:20

Instrument :

BNA_M

ClientSampleId :

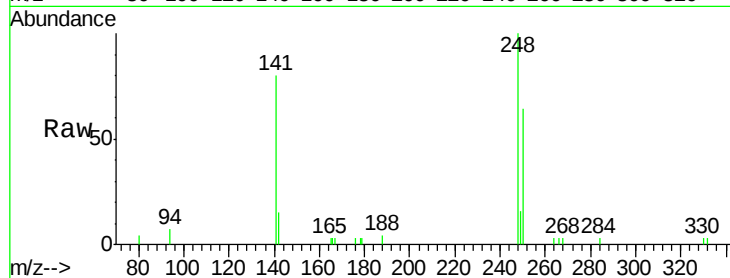
Tot Ion:248 Resp: 3402

Ion Ratio Lower Upper

248 100

250 67.0 51.5 77.3

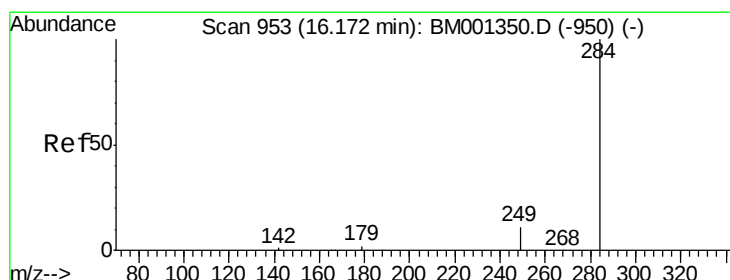
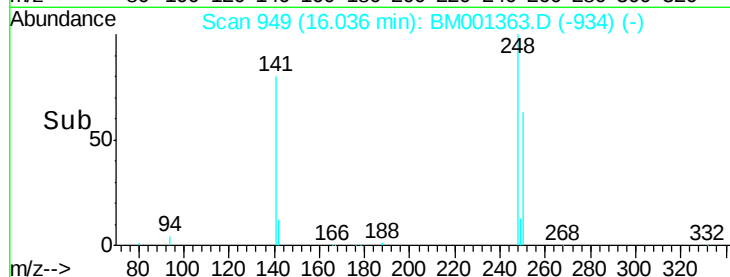
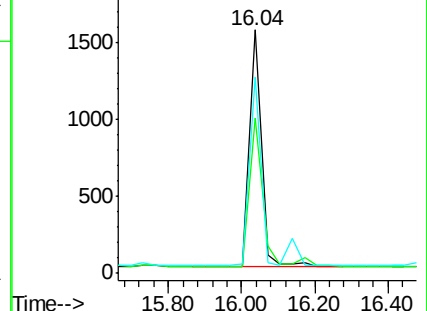
141 76.0 59.0 88.6



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: 0.97 ng

RT: 16.17 min Scan# 953

Delta R.T. 0.00 min

Lab File: BM001363.D

Acq: 21 May 2015 16:20

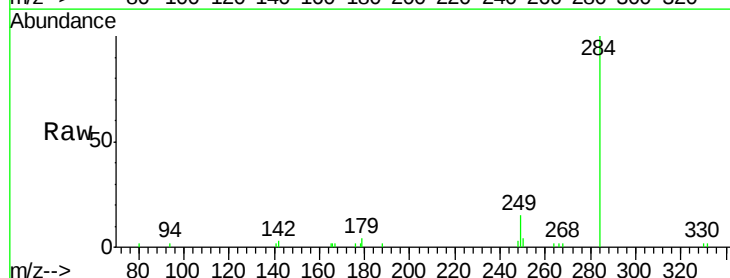
Tgt Ion:284 Resp: 4916

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

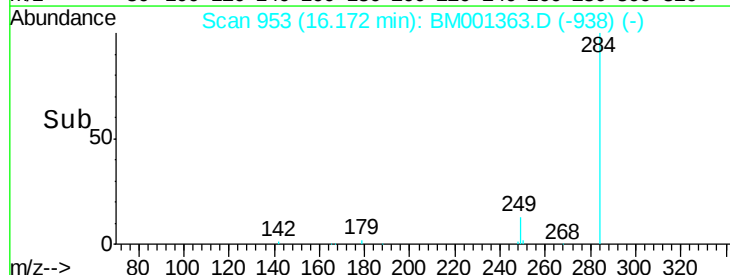
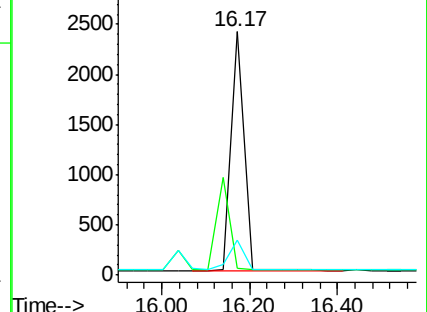
249 14.8 11.1 16.7

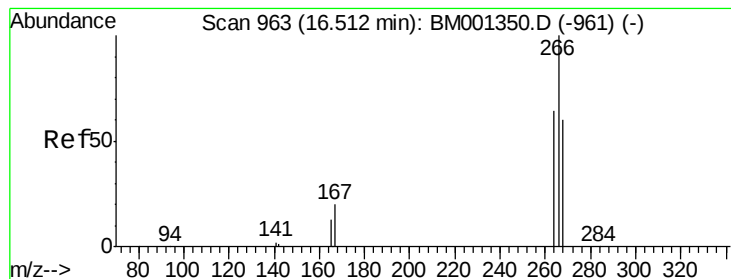


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#21

Pentachlorophenol

Concen: 0.96 ng

RT: 16.51 min Scan# 963

Delta R.T. 0.00 min

Lab File: BM001363.D

Acq: 21 May 2015 16:20

Instrument :

BNA_M

ClientSampleId :

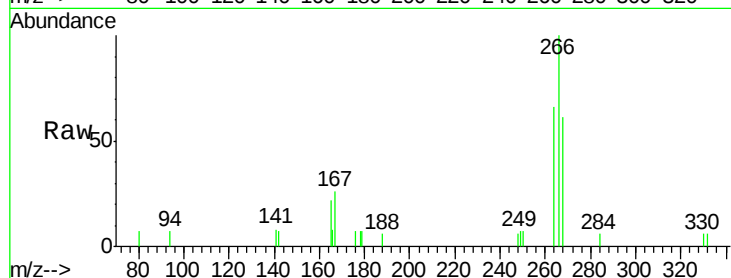
Tot Ion:266 Resp: 1704

Ion Ratio Lower Upper

266 100

268 61.3 51.2 76.8

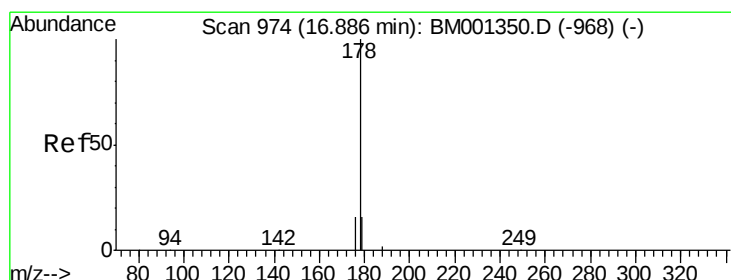
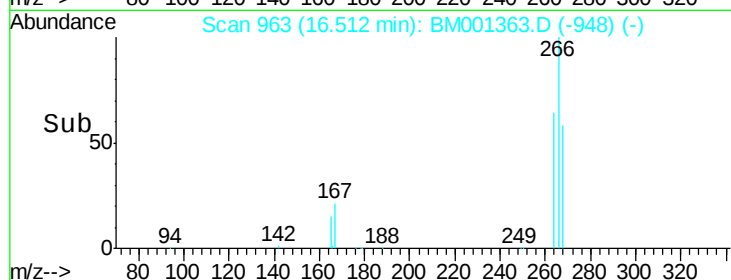
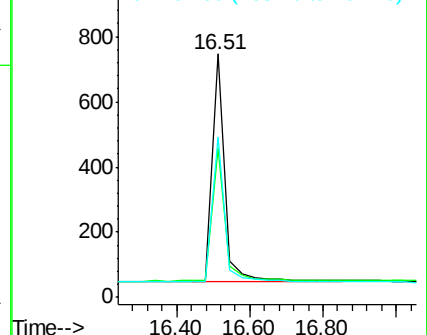
264 65.9 53.7 80.5



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: 1.11 ng

RT: 16.89 min Scan# 974

Delta R.T. 0.00 min

Lab File: BM001363.D

Acq: 21 May 2015 16:20

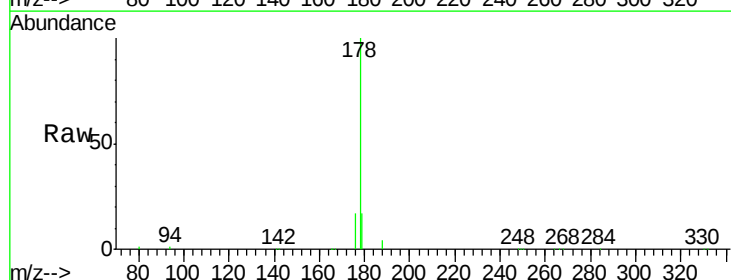
Tgt Ion:178 Resp: 26877

Ion Ratio Lower Upper

178 100

176 21.1 16.6 25.0

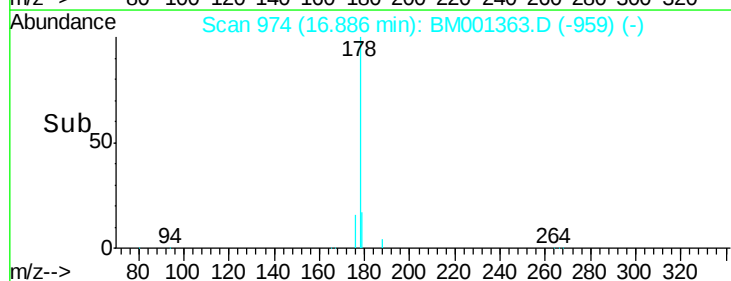
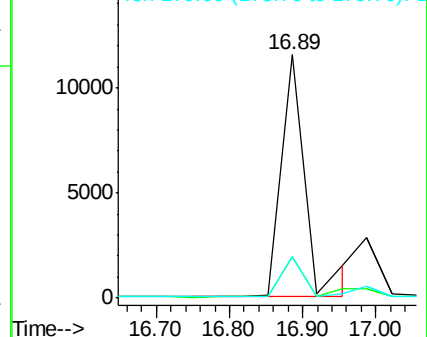
179 16.4 12.8 19.2

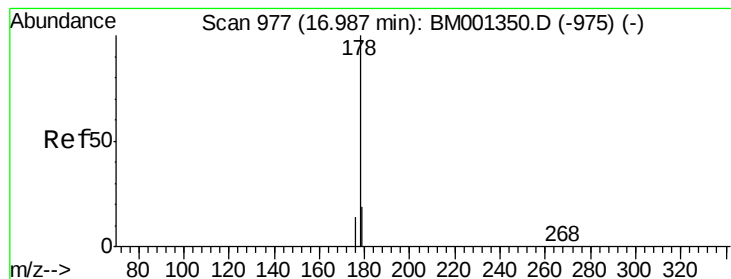


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 2.86 ng

RT: 16.89 min Scan# 974

Delta R.T. -0.10 min

Lab File: BM001363.D

Acq: 21 May 2015 16:20

Instrument :

BNA_M

ClientSampleId :

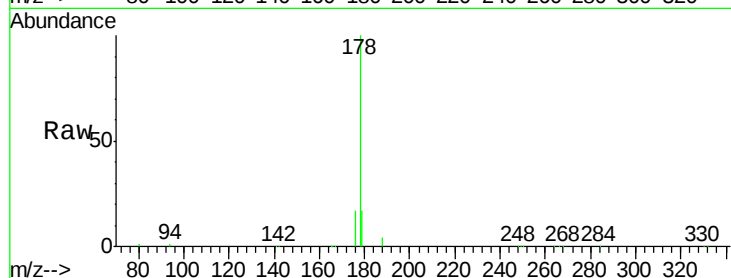
Tot Ion:178 Resp: 26877

Ion Ratio Lower Upper

178 100

176 21.1 46.1 69.1#

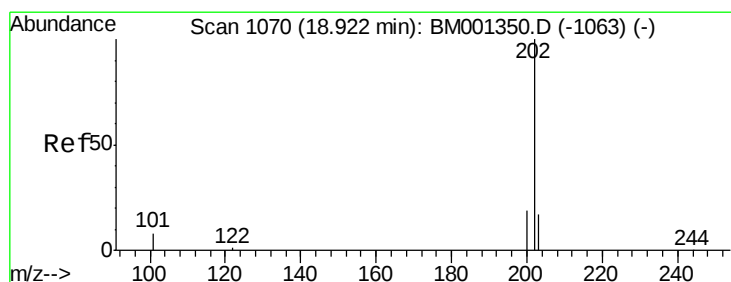
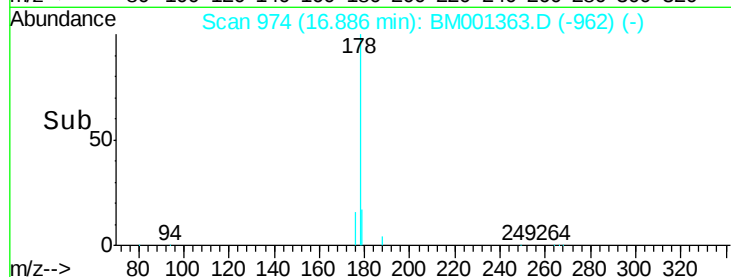
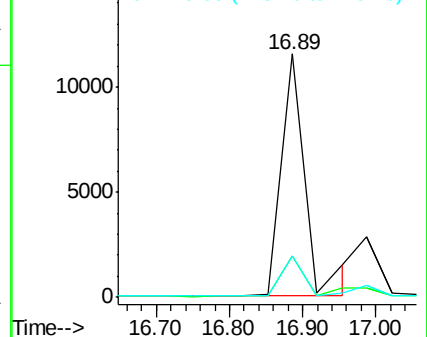
179 16.4 35.4 53.0#



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: 0.99 ng

RT: 18.92 min Scan# 1070

Delta R.T. 0.00 min

Lab File: BM001363.D

Acq: 21 May 2015 16:20

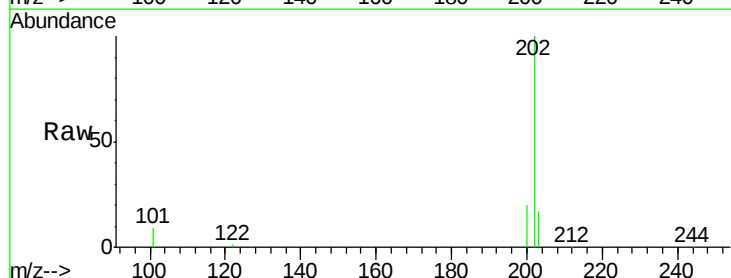
Tgt Ion:202 Resp: 20581

Ion Ratio Lower Upper

202 100

101 10.9 8.7 13.1

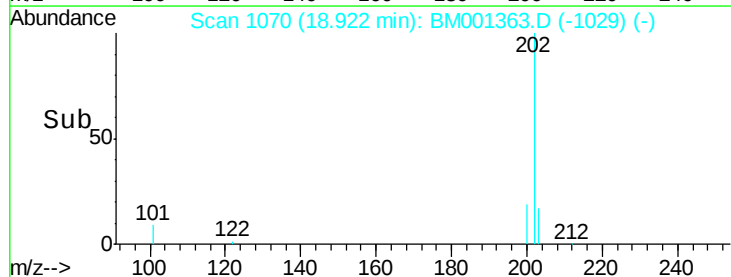
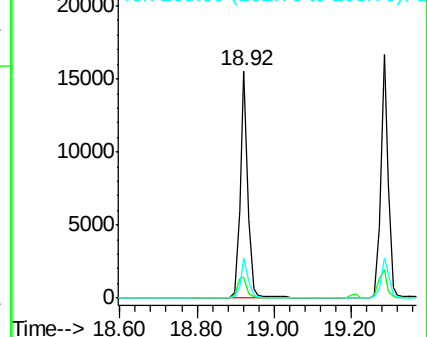
203 17.2 13.8 20.6

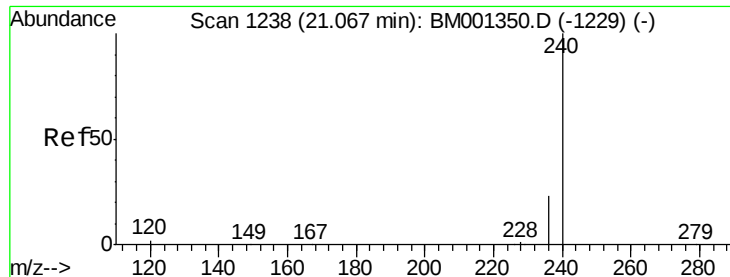


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

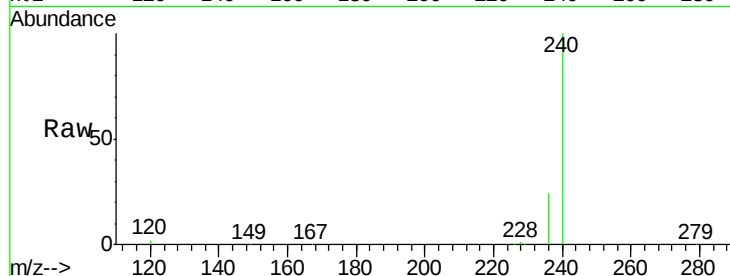




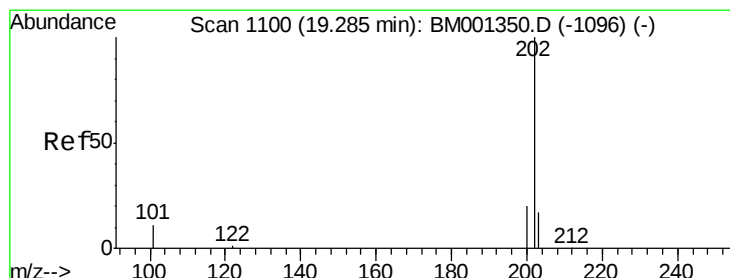
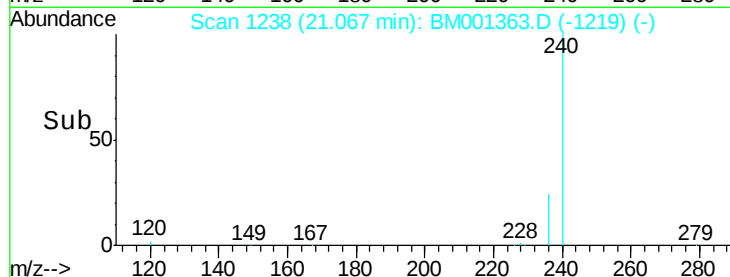
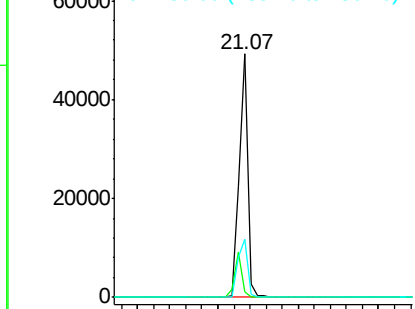
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 1238
Delta R.T. 0.00 min
Lab File: BM001363.D
Acq: 21 May 2015 16:20

Instrument :
BNA_M
ClientSampleId :

Tot Ion:240 Resp: 70186
Ion Ratio Lower Upper
240 100
120 2.2 1.6 2.4
236 23.7 18.5 27.7

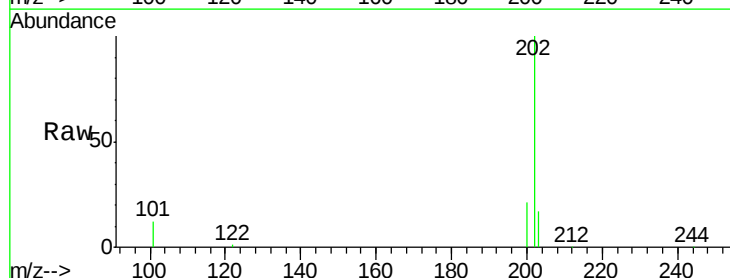


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

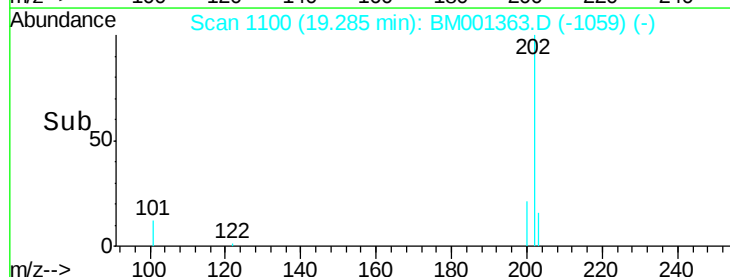
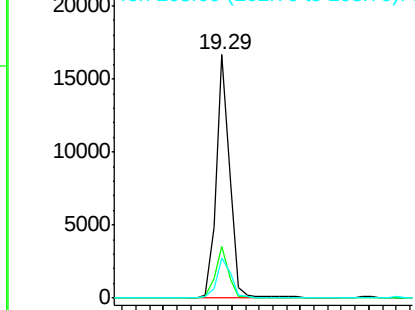


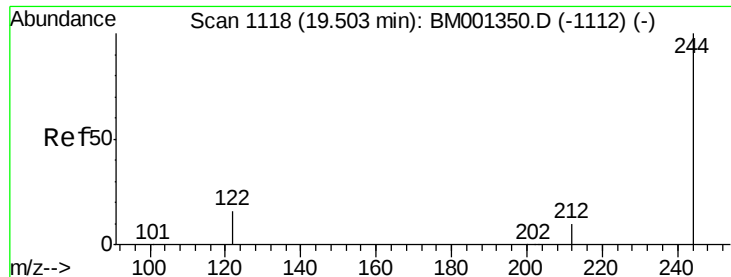
#26
Pyrene
Concen: 1.03 ng
RT: 19.29 min Scan# 1100
Delta R.T. 0.00 min
Lab File: BM001363.D
Acq: 21 May 2015 16:20

Tgt Ion:202 Resp: 22132
Ion Ratio Lower Upper
202 100
200 20.5 16.2 24.4
203 17.3 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: 1.03 ng

RT: 19.50 min Scan# 1118

Delta R.T. 0.00 min

Lab File: BM001363.D

Acq: 21 May 2015 16:20

Instrument :

BNA_M

ClientSampleId :

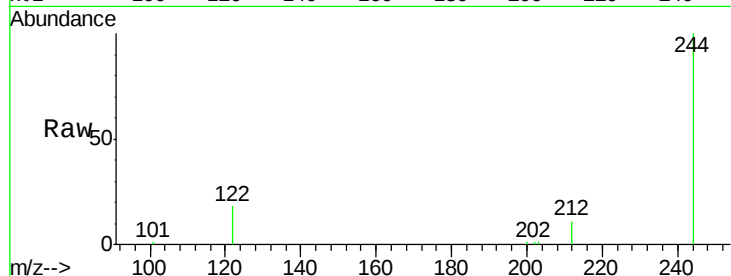
Tot Ion:244 Resp: 9506

Ion Ratio Lower Upper

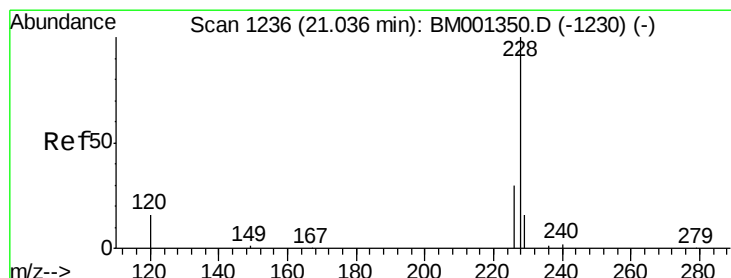
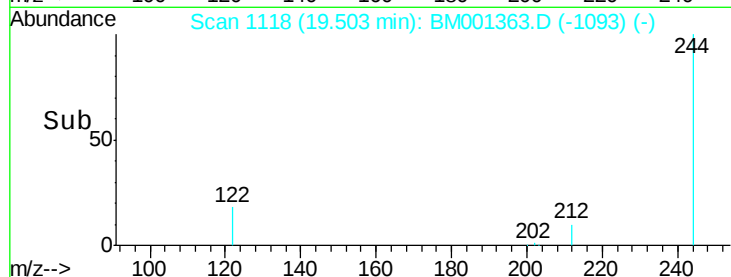
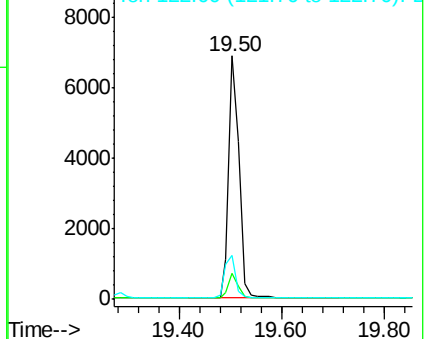
244 100

212 10.6 8.5 12.7

122 18.3 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: 1.01 ng

RT: 21.04 min Scan# 1236

Delta R.T. 0.00 min

Lab File: BM001363.D

Acq: 21 May 2015 16:20

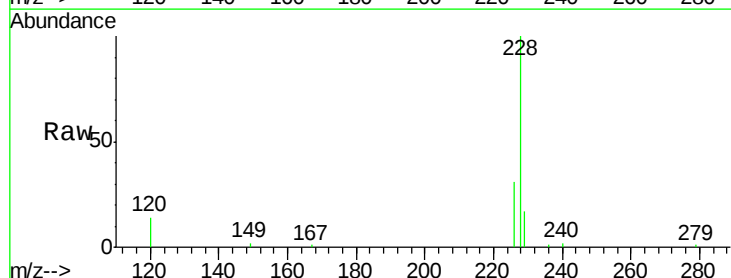
Tgt Ion:228 Resp: 20190

Ion Ratio Lower Upper

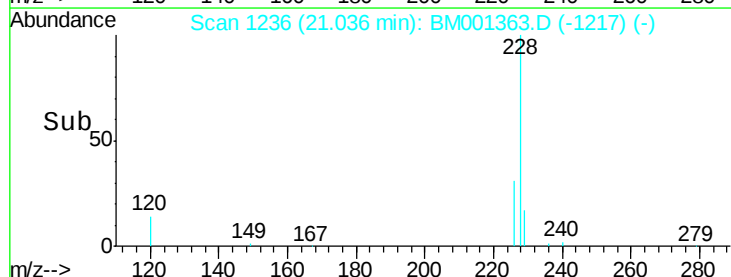
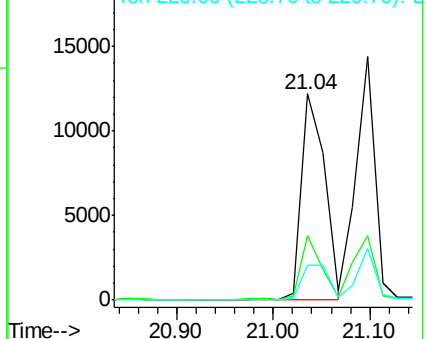
228 100

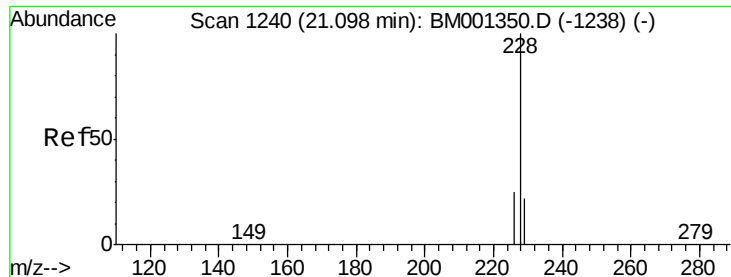
226 31.4 24.5 36.7

229 17.1 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

Chrysene

Concen: 1.02 ng

RT: 21.10 min Scan# 1240

Delta R.T. 0.00 min

Lab File: BM001363.D

Acq: 21 May 2015 16:20

Instrument :

BNA_M

ClientSampleId :

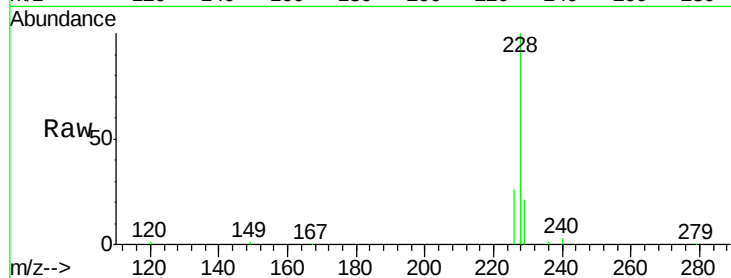
Tot Ion:228 Resp: 19676

Ion Ratio Lower Upper

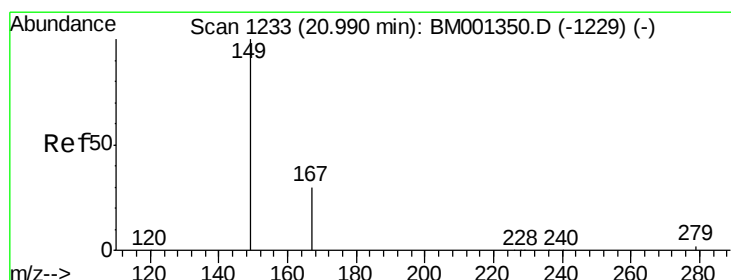
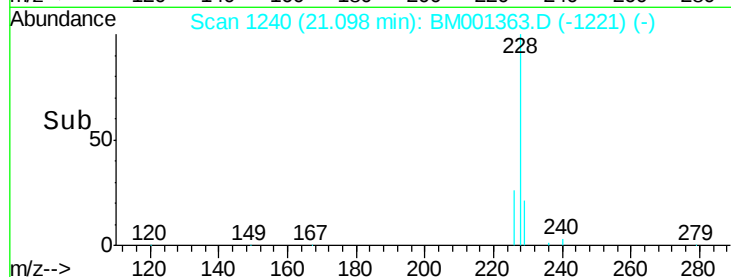
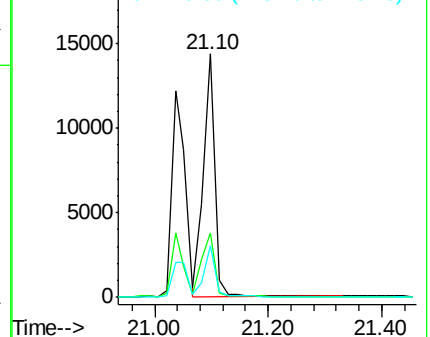
228 100

226 26.3 20.0 30.0

229 21.1 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: 1.06 ng

RT: 20.99 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BM001363.D

Acq: 21 May 2015 16:20

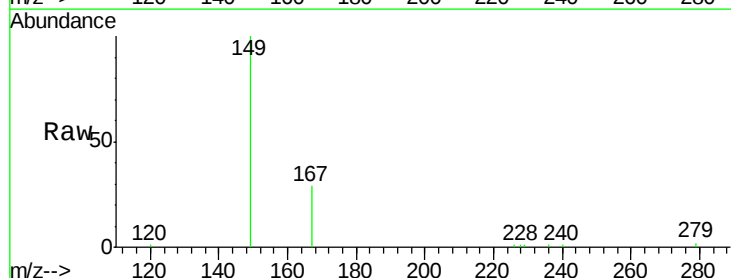
Tgt Ion:149 Resp: 11192

Ion Ratio Lower Upper

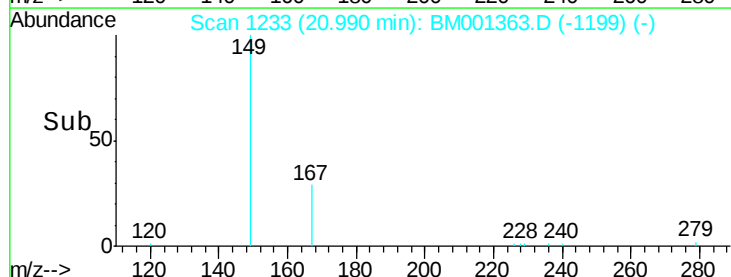
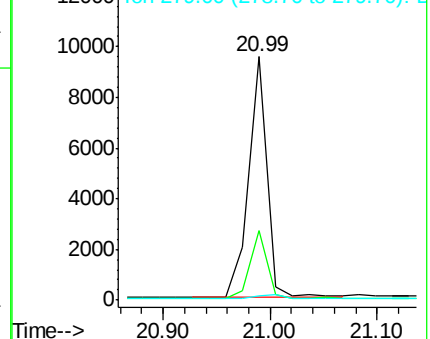
149 100

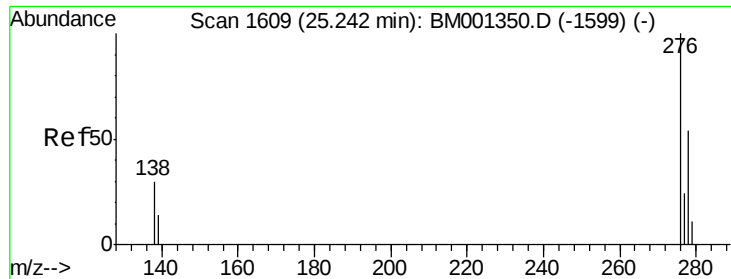
167 26.6 21.6 32.4

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

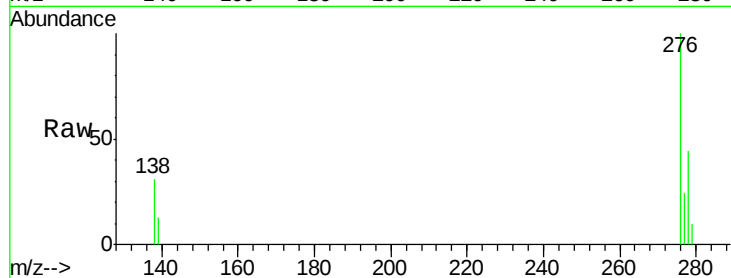




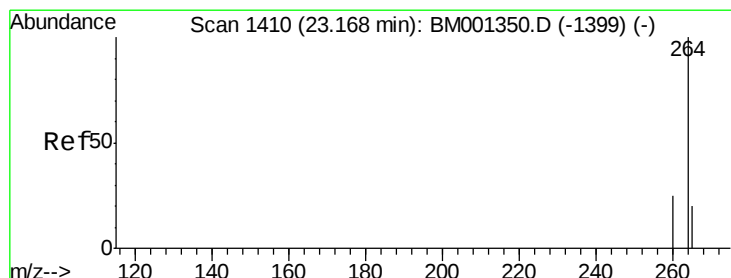
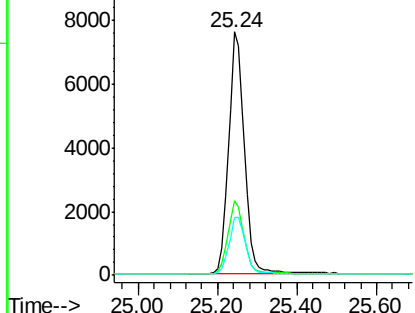
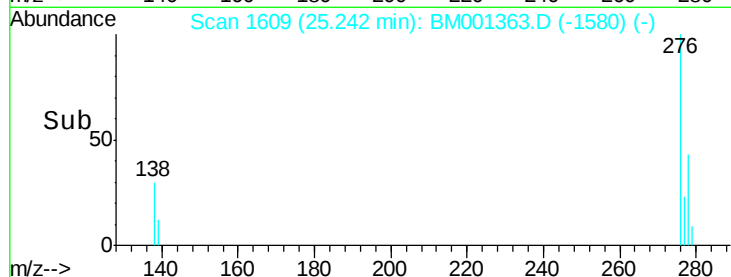
#31
Indeno(1,2,3-cd)pyrene
Concen: 1.01 ng
RT: 25.24 min Scan# 1609
Delta R.T. 0.00 min
Lab File: BM001363.D
Acq: 21 May 2015 16:20

Instrument :
BNA_M
ClientSampleId :

Tot Ion:276 Resp: 21008
Ion Ratio Lower Upper
276 100
138 30.3 24.2 36.4
277 24.4 19.7 29.5

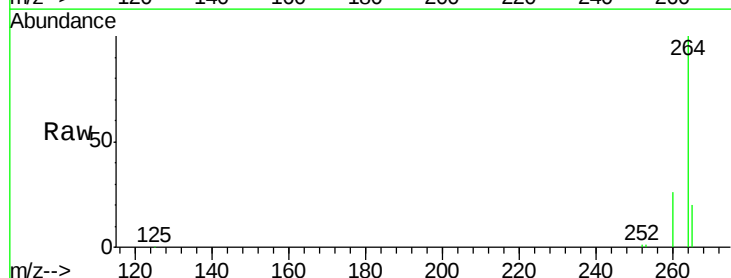


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

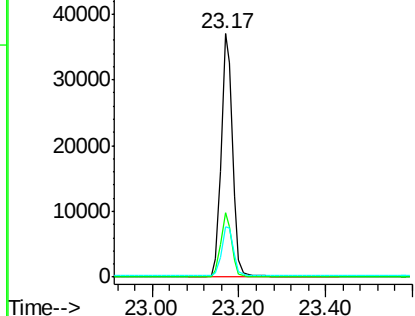
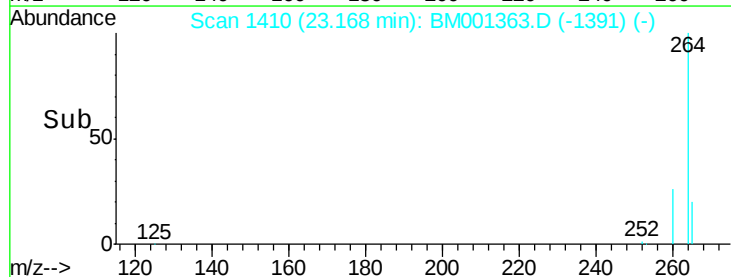


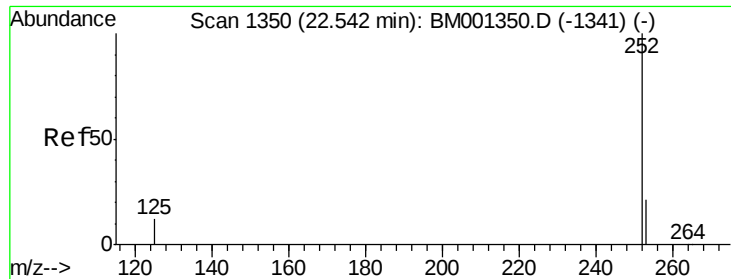
#32
Perylene-d12
Concen: 5.00 ng
RT: 23.17 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BM001363.D
Acq: 21 May 2015 16:20

Tgt Ion:264 Resp: 66059
Ion Ratio Lower Upper
264 100
260 26.5 20.4 30.6
265 20.4 16.6 24.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

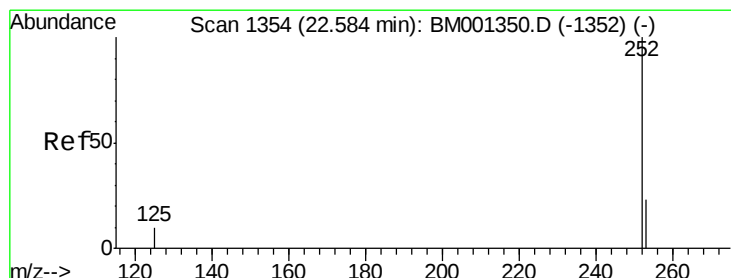
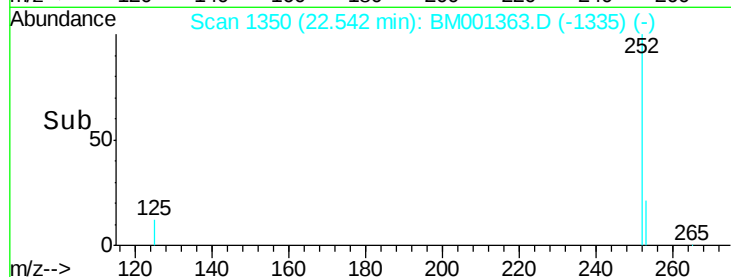
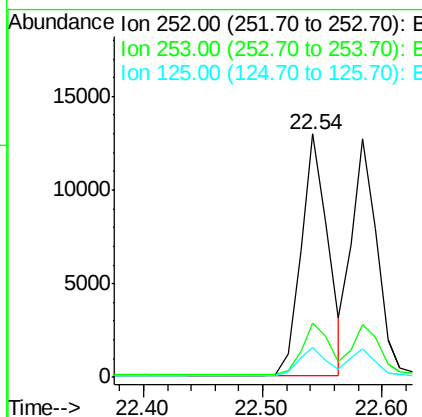
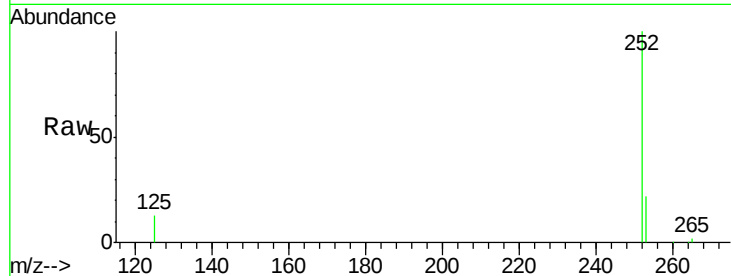




#33
Benzo(b)fluoranthene
Concen: 0.99 ng
RT: 22.54 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BM001363.D
Acq: 21 May 2015 16:20

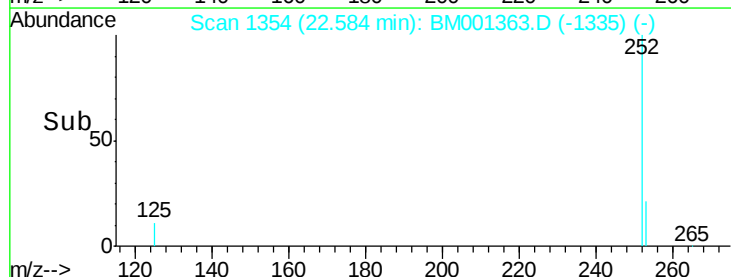
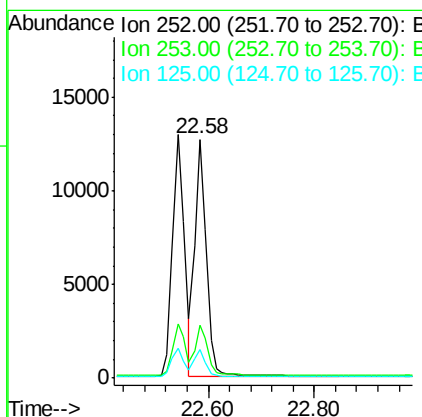
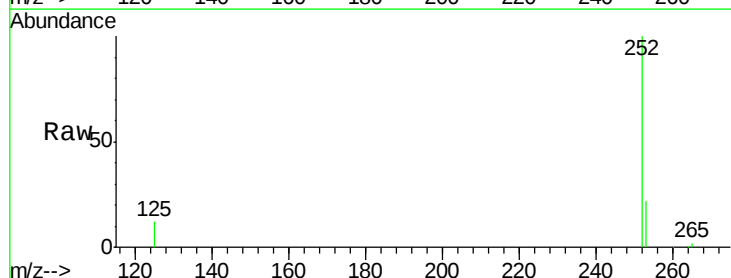
Instrument :
BNA_M
ClientSampleId :

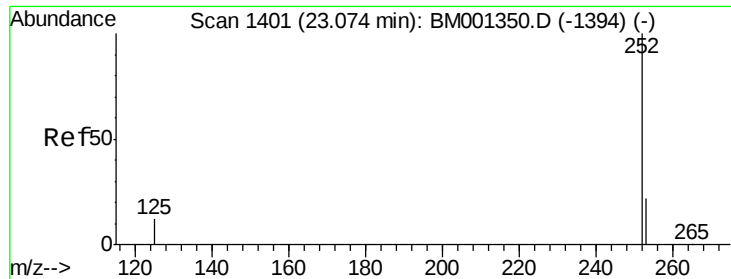
Tot Ion:252 Resp: 20126
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 12.5 9.8 14.8



#34
Benzo(k)fluoranthene
Concen: 1.07 ng
RT: 22.58 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BM001363.D
Acq: 21 May 2015 16:20

Tgt Ion:252 Resp: 19252
Ion Ratio Lower Upper
252 100
253 22.4 18.6 28.0
125 12.0 9.3 13.9





#35

Benzo(a)pyrene

Concen: 1.04 ng

RT: 23.07 min Scan# 1401

Delta R.T. 0.00 min

Lab File: BM001363.D

Acq: 21 May 2015 16:20

Instrument :

BNA_M

ClientSampleId :

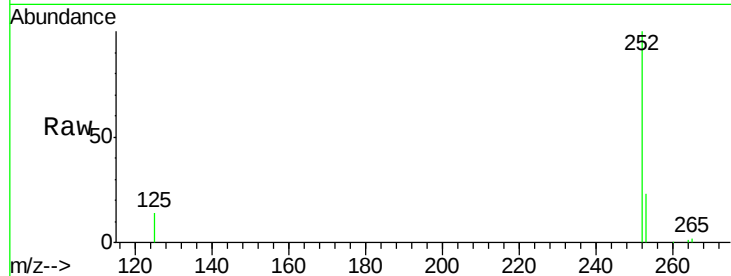
Tot Ion:252 Resp: 17949

Ion Ratio Lower Upper

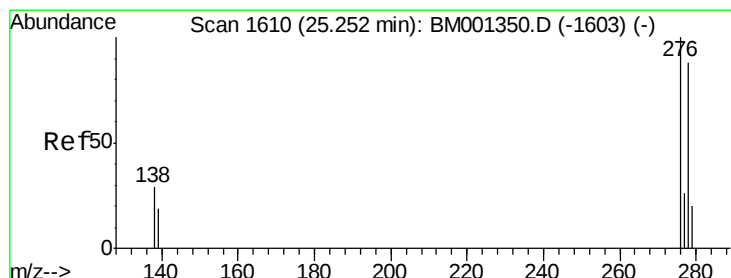
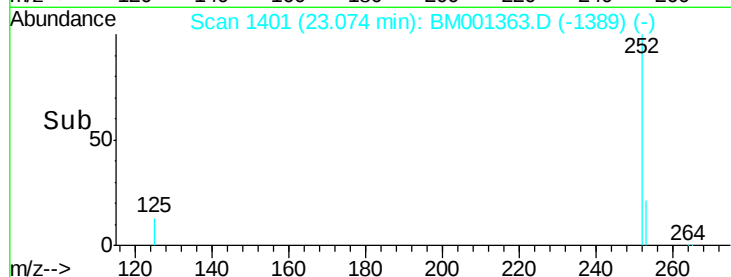
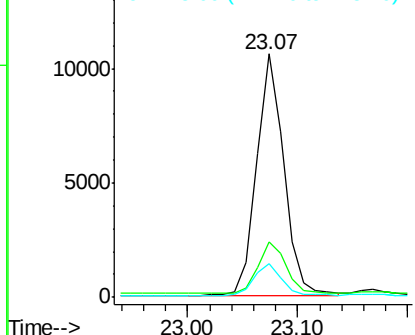
252 100

253 22.6 18.9 28.3

125 13.6 10.6 15.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#36

Dibenzo(a,h)anthracene

Concen: 1.02 ng

RT: 25.26 min Scan# 1611

Delta R.T. 0.01 min

Lab File: BM001363.D

Acq: 21 May 2015 16:20

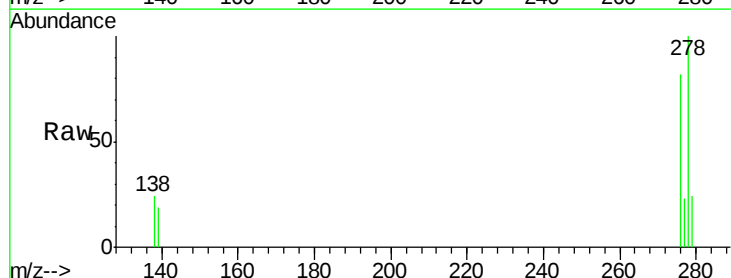
Tgt Ion:278 Resp: 16251

Ion Ratio Lower Upper

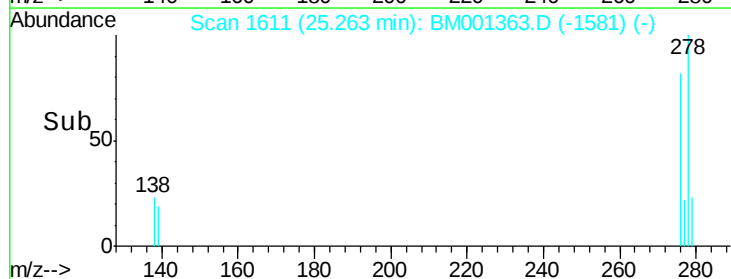
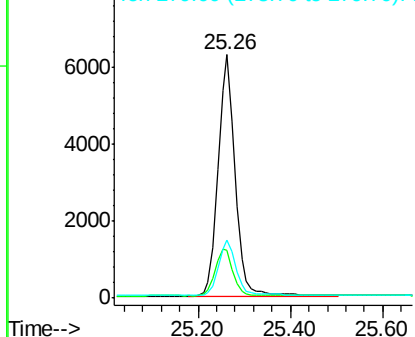
278 100

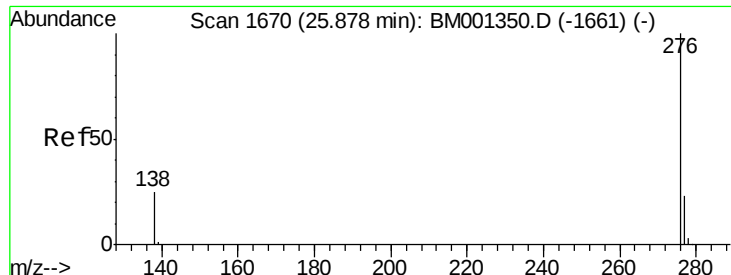
139 19.5 17.5 26.3

279 24.0 18.7 28.1



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





#37

Benzo(a,h,i)perylene

Concen: 1.02 ng

RT: 25.88 min Scan# 1670

Delta R.T. 0.00 min

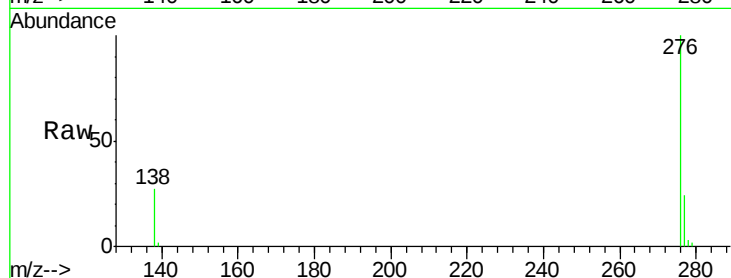
Lab File: BM001363.D

Acq: 21 May 2015 16:20

Instrument :

BNA_M

ClientSampleId :



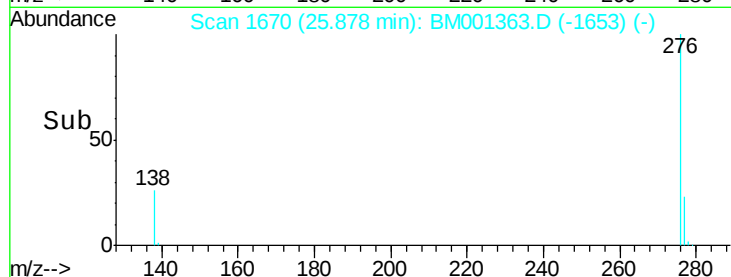
Tot Ion: 276 Resp: 17418

Ion Ratio Lower Upper

276 100

277 23.7 19.2 28.8

138 26.9 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

