

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052215\
 Data File : BM001386.D
 Acq On : 22 May 2015 17:18
 Operator : TP/IZ
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.2

Quant Time: May 23 04:20:59 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 04:19:45 2015
 Response via : Initial Calibration

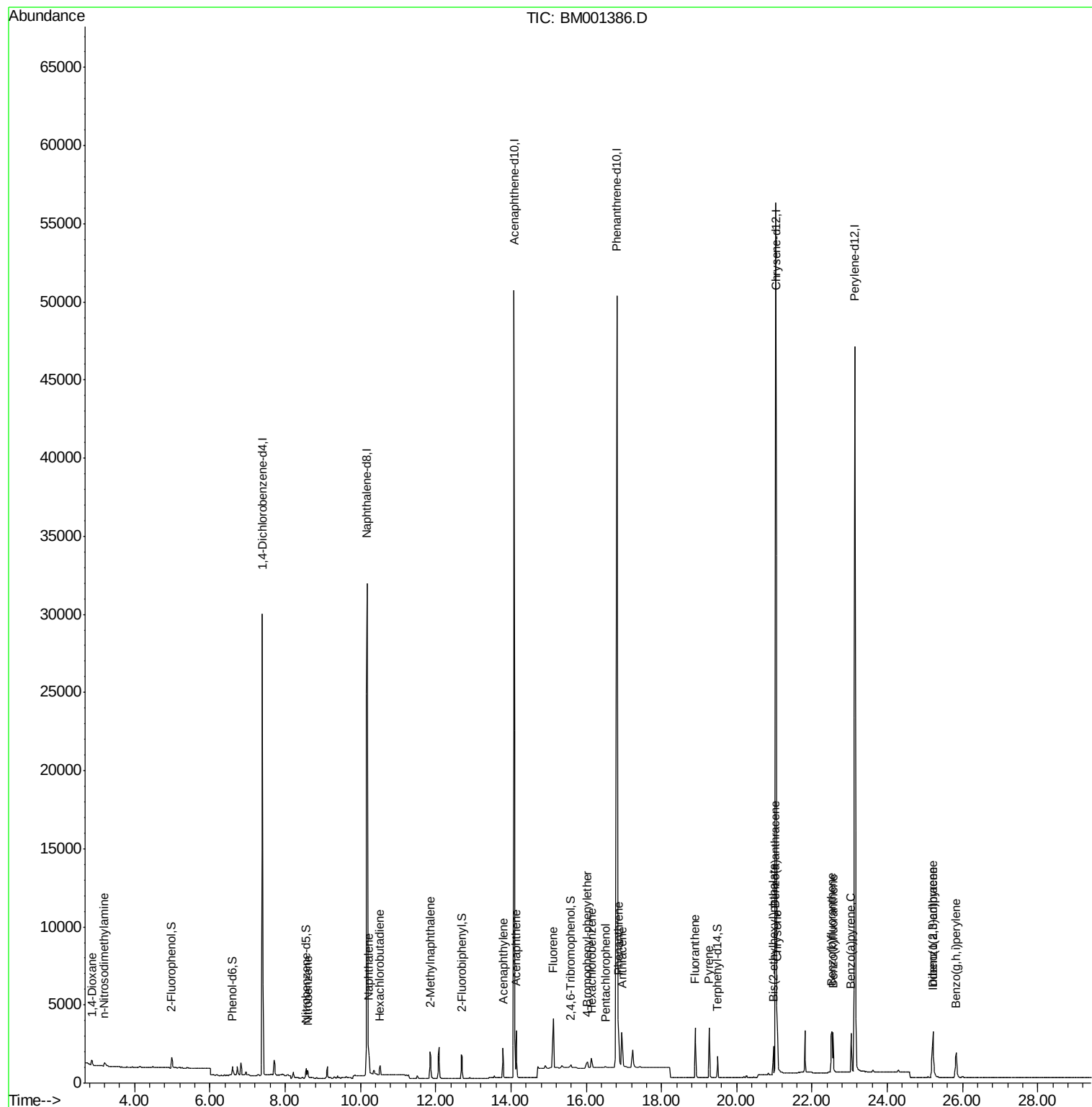
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	14697	5.00	ng	0.00
6) Naphthalene-d8	10.18	136	51193	5.00	ng	0.00
12) Acenaphthene-d10	14.08	164	28580	5.00	ng	0.00
18) Phenanthrene-d10	16.82	188	95806	5.00	ng	0.00
25) Chrysene-d12	21.04	240	62028	5.00	ng	0.00
32) Perylene-d12	23.14	264	59128	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.99	112	572	0.20	ng	0.00
5) Phenol-d6	6.60	99	654	0.18	ng	0.00
7) Nitrobenzene-d5	8.55	82	539	0.19	ng	0.00
13) 2,4,6-Tribromophenol	15.59	330	194	0.20	ng	0.00
14) 2-Fluorobiphenyl	12.70	172	1760	0.20	ng	0.01
27) Terphenyl-d14	19.49	244	1638	0.20	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.87	88	755	0.52	ng	# 56
3) n-Nitrosodimethylamine	3.20	42	402	0.24	ng	# 84
8) Nitrobenzene	8.60	77	549	0.19	ng	99
9) Naphthalene	10.22	128	2206	0.20	ng	# 93
10) Hexachlorobutadiene	10.52	225	460	0.21	ng	100
11) 2-Methylnaphthalene	11.86	142	1437	0.19	ng	95
15) Acenaphthylene	13.79	152	2195	0.18	ng	99
16) Acenaphthene	14.14	154	1499	0.20	ng	100
17) Fluorene	15.12	166	2753	0.39	ng	92
19) 4-Bromophenyl-phenylether	16.04	248	348	0.08	ng	# 91
20) Hexachlorobenzene	16.14	284	730	0.11	ng	94
21) Pentachlorophenol	16.51	266	128	0.05	ng	# 83
22) Phenanthrene	16.85	178	3711	0.12	ng	98
23) Anthracene	16.95	178	3601	0.26	ng	96
24) Fluoranthene	18.90	202	3420	0.12	ng	99
26) Pyrene	19.26	202	3579	0.19	ng	99
28) Benzo(a)anthracene	21.02	228	3492	0.19	ng	97
29) Chrysene	21.07	228	3277	0.19	ng	96
30) Bis(2-ethylhexyl)phthalate	20.97	149	1908	0.21	ng	99
31) Indeno(1,2,3-cd)pyrene	25.20	276	3658	0.20	ng	99
33) Benzo(b)fluoranthene	22.52	252	3662	0.20	ng	# 86
34) Benzo(k)fluoranthene	22.56	252	3044	0.19	ng	# 88
35) Benzo(a)pyrene	23.04	252	3080	0.20	ng	# 87
36) Dibenzo(a,h)anthracene	25.21	278	2805	0.20	ng	# 89
37) Benzo(g,h,i)perylene	25.83	276	3083	0.20	ng	95

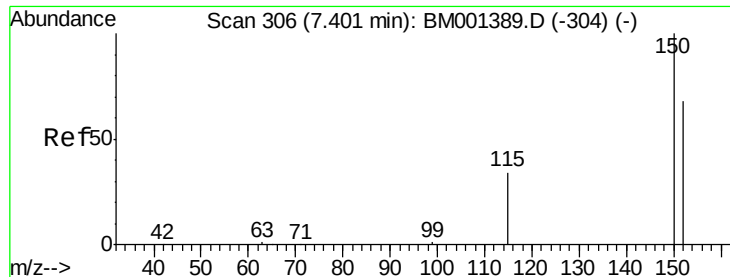
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.40 min Scan# 306

Delta R.T. 0.00 min

Lab File: BM001386.D

Acq: 22 May 2015 17:18

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

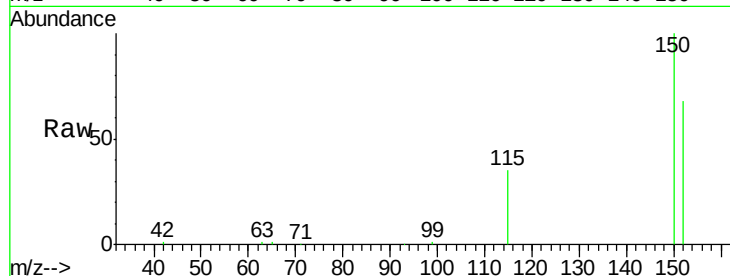
Tgt Ion:152 Resp: 14697

Ion Ratio Lower Upper

152 100

150 147.4 119.0 178.6

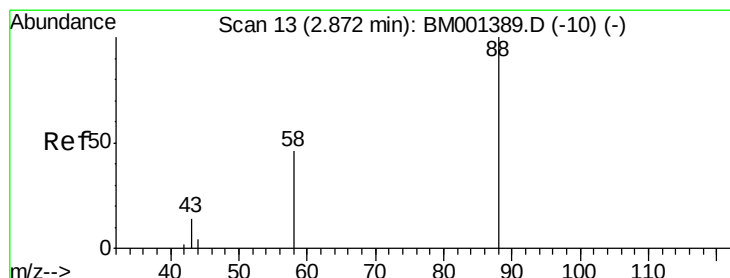
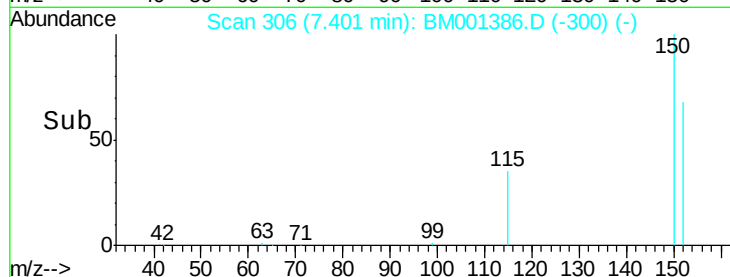
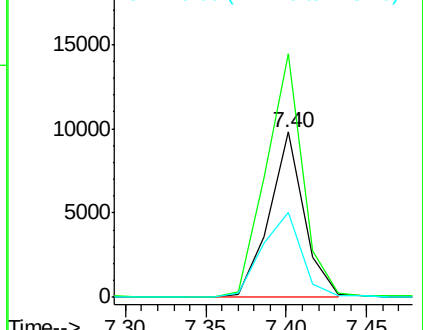
115 51.7 41.8 62.8



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



#2

1,4-Dioxane

Concen: 0.52 ng

RT: 2.87 min Scan# 13

Delta R.T. 0.00 min

Lab File: BM001386.D

Acq: 22 May 2015 17:18

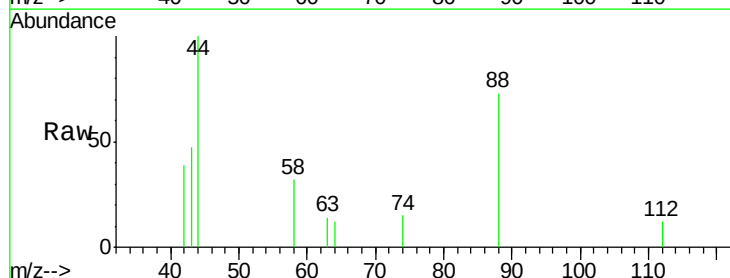
Tgt Ion: 88 Resp: 755

Ion Ratio Lower Upper

88 100

58 29.4 71.3 106.9#

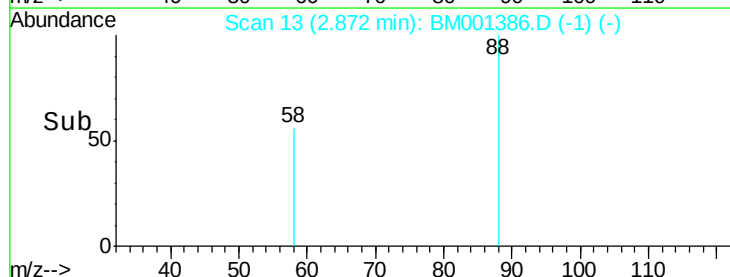
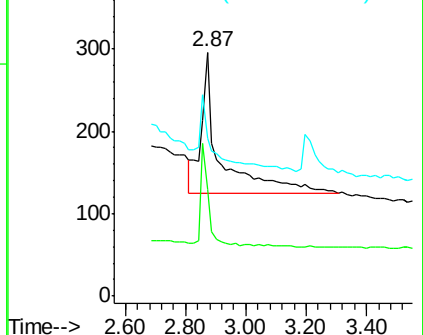
43 40.7 35.5 53.3

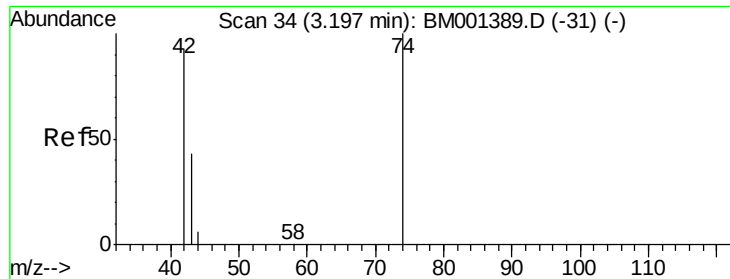


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 0.24 ng

RT: 3.20 min Scan# 34

Delta R.T. 0.00 min

Lab File: BM001386.D

Acq: 22 May 2015 17:18

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.2

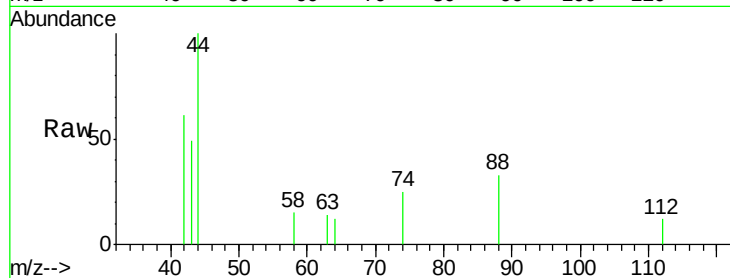
Tgt Ion: 42 Resp: 402

Ion Ratio Lower Upper

42 100

74 74.6 72.2 108.2

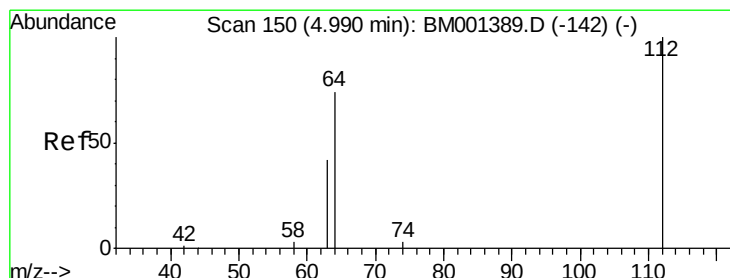
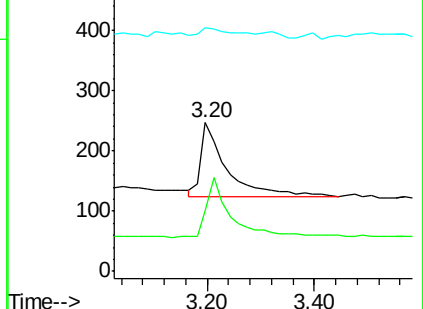
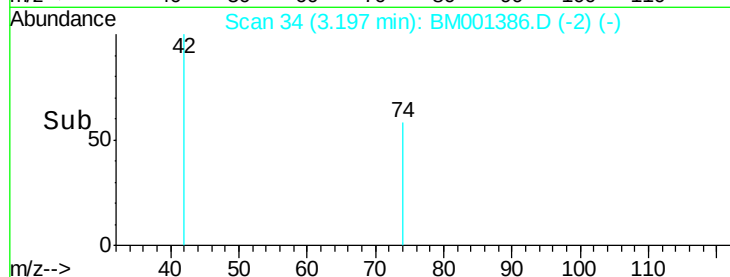
44 10.7 6.2 9.2#



Abundance Ion 42.00 (41.70 to 42.70): BM001389.D (-31) (-)

Ion 74.00 (73.70 to 74.70): BM001389.D (-31) (-)

Ion 44.00 (43.70 to 44.70): BM001389.D (-31) (-)



#4

2-Fluorophenol

Concen: 0.20 ng

RT: 4.99 min Scan# 150

Delta R.T. 0.00 min

Lab File: BM001386.D

Acq: 22 May 2015 17:18

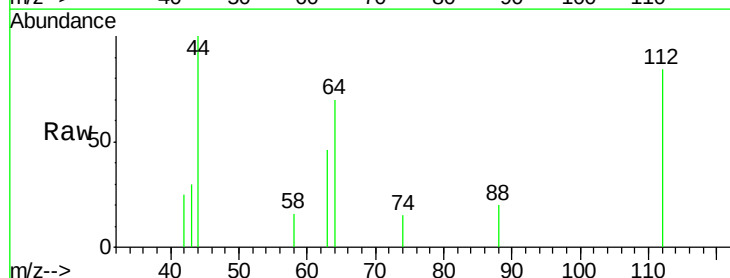
Tgt Ion: 112 Resp: 572

Ion Ratio Lower Upper

112 100

64 65.7 51.7 77.5

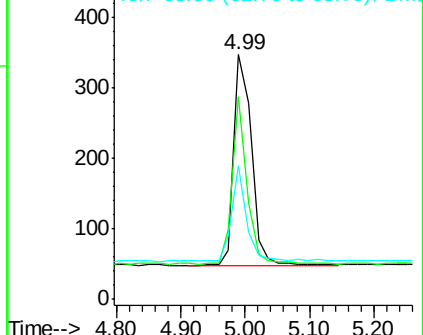
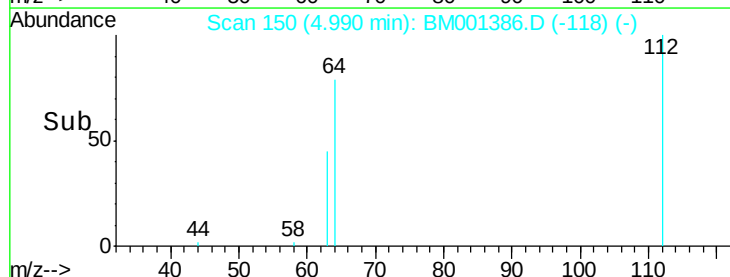
63 37.1 29.7 44.5

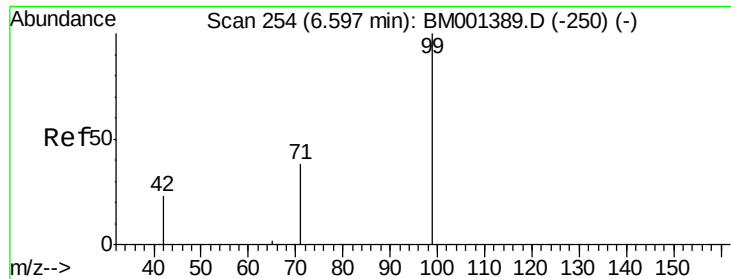


Abundance Ion 112.00 (111.70 to 112.70): BM001389.D (-142) (-)

Ion 64.00 (63.70 to 64.70): BM001389.D (-142) (-)

Ion 63.00 (62.70 to 63.70): BM001389.D (-142) (-)





#5

Phenol-d6

Concen: 0.18 ng

RT: 6.60 min Scan# 254

Delta R.T. 0.00 min

Lab File: BM001386.D

Acq: 22 May 2015 17:18

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

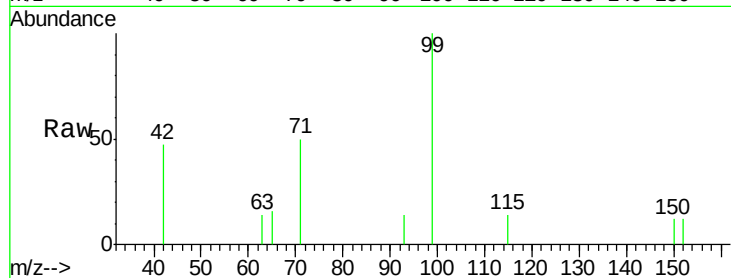
Tgt Ion: 99 Resp: 654

Ion Ratio Lower Upper

99 100

42 27.7 21.8 32.6

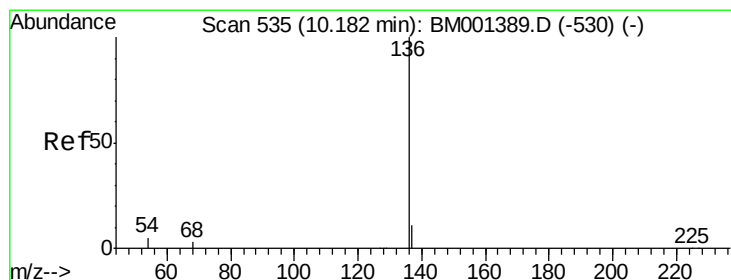
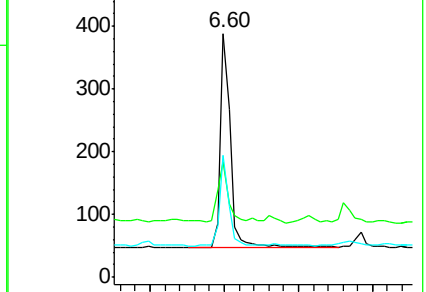
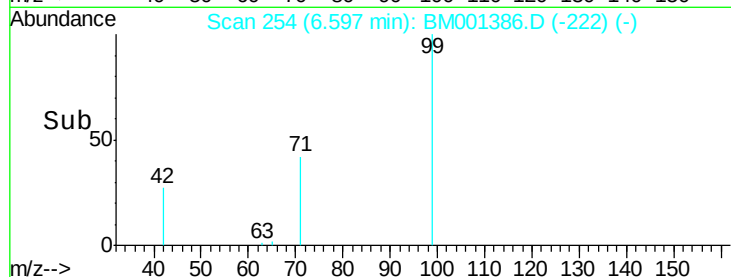
71 37.6 29.2 43.8



Abundance Ion 99.00 (98.70 to 99.70): BM001386.D (-222) (-)

Ion 42.00 (41.70 to 42.70): BM001386.D (-222) (-)

Ion 71.00 (70.70 to 71.70): BM001386.D (-222) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.18 min Scan# 535

Delta R.T. 0.00 min

Lab File: BM001386.D

Acq: 22 May 2015 17:18

Tgt Ion: 136 Resp: 51193

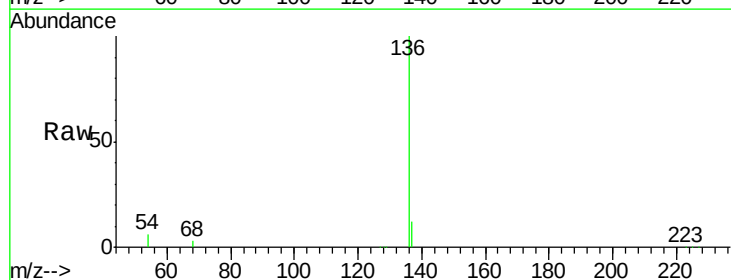
Ion Ratio Lower Upper

136 100

137 11.7 9.1 13.7

54 5.5 4.3 6.5

68 3.4 2.6 4.0

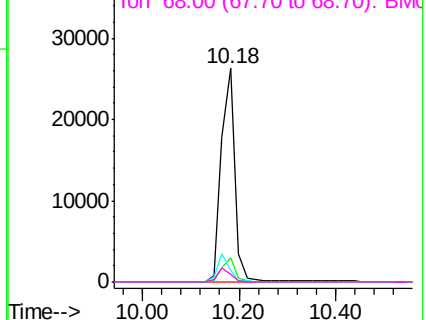
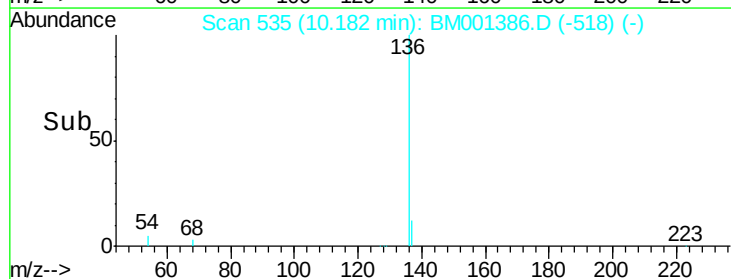


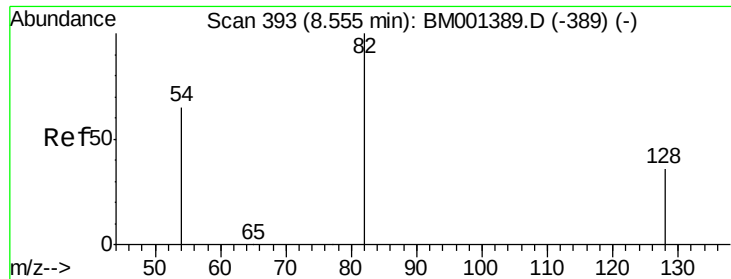
Abundance Ion 136.00 (135.70 to 136.70): BM001386.D (-518) (-)

Ion 137.00 (136.70 to 137.70): BM001386.D (-518) (-)

Ion 54.00 (53.70 to 54.70): BM001386.D (-518) (-)

Ion 68.00 (67.70 to 68.70): BM001386.D (-518) (-)





#7

Nitrobenzene-d5

Concen: 0.19 ng

RT: 8.55 min Scan# 393

Delta R.T. 0.00 min

Lab File: BM001386.D

Acq: 22 May 2015 17:18

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.2

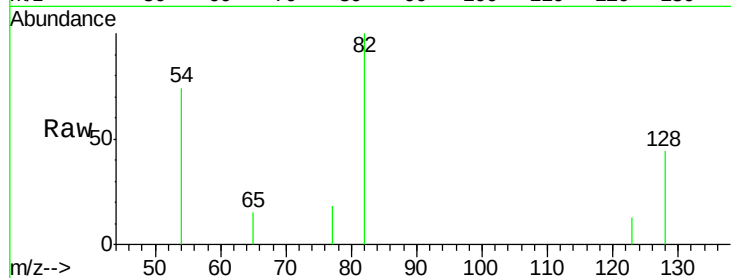
Tgt Ion: 82 Resp: 539

Ion Ratio Lower Upper

82 100

128 44.4 30.2 45.4

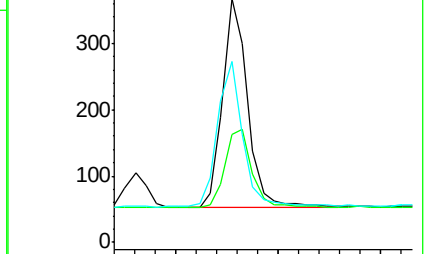
54 74.4 52.9 79.3



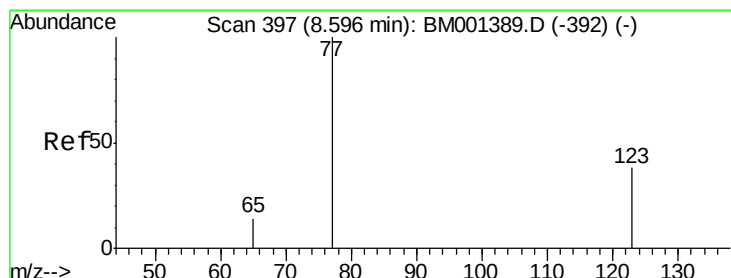
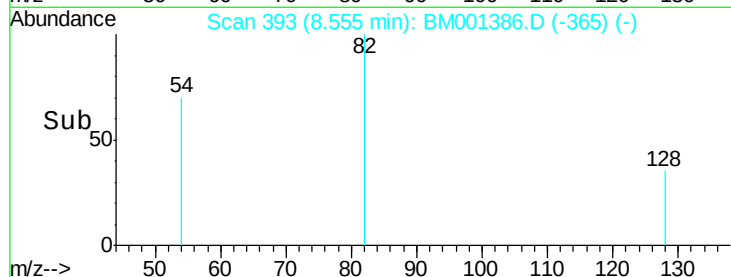
Abundance Ion 82.00 (81.70 to 82.70): BM001386.D (-389) (-)

Ion 128.00 (127.70 to 128.70): BM001386.D (-389) (-)

Ion 54.00 (53.70 to 54.70): BM001386.D (-389) (-)



Time-->



#8

Nitrobenzene

Concen: 0.19 ng

RT: 8.60 min Scan# 397

Delta R.T. 0.00 min

Lab File: BM001386.D

Acq: 22 May 2015 17:18

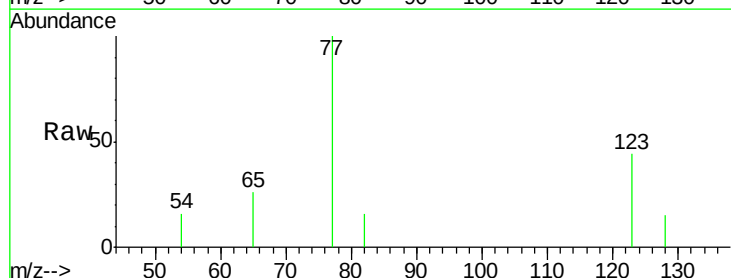
Tgt Ion: 77 Resp: 549

Ion Ratio Lower Upper

77 100

123 42.4 33.7 50.5

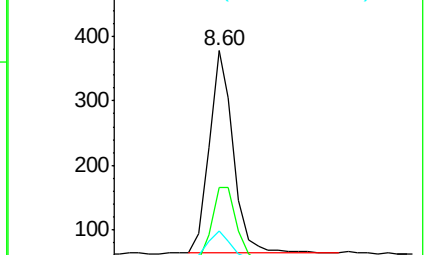
65 15.3 11.3 16.9



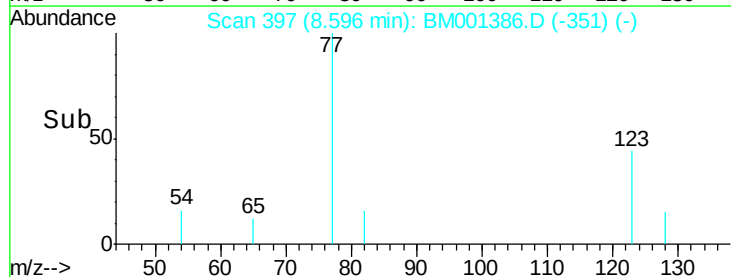
Abundance Ion 77.00 (76.70 to 77.70): BM001386.D (-392) (-)

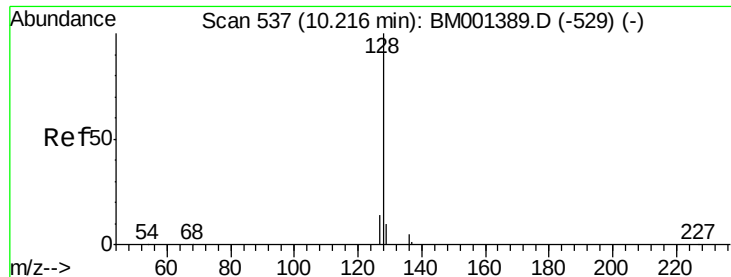
Ion 123.00 (122.70 to 123.70): BM001386.D (-392) (-)

Ion 65.00 (64.70 to 65.70): BM001386.D (-392) (-)



Time-->





#9

Naphthalene

Concen: 0.20 ng

RT: 10.22 min Scan# 537

Delta R.T. 0.00 min

Lab File: BM001386.D

Acq: 22 May 2015 17:18

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

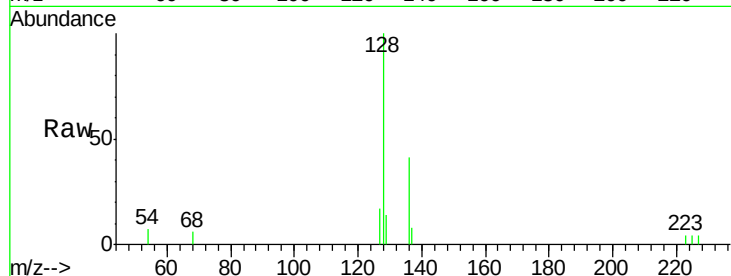
Tgt Ion:128 Resp: 2206

Ion Ratio Lower Upper

128 100

129 14.1 8.6 13.0#

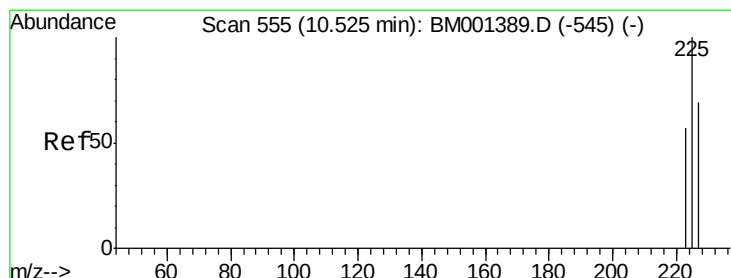
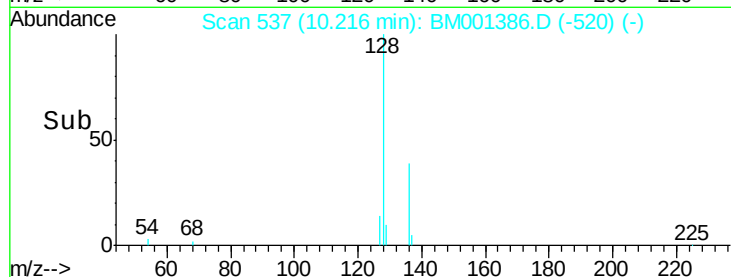
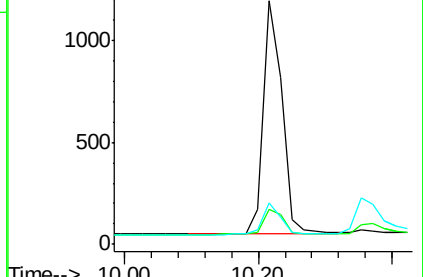
127 17.2 11.7 17.5



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: 0.21 ng

RT: 10.52 min Scan# 555

Delta R.T. 0.00 min

Lab File: BM001386.D

Acq: 22 May 2015 17:18

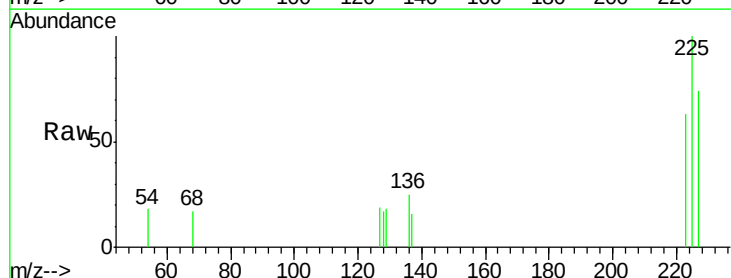
Tgt Ion:225 Resp: 460

Ion Ratio Lower Upper

225 100

223 62.4 50.2 75.2

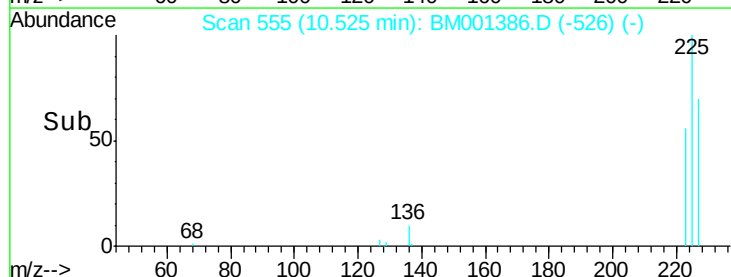
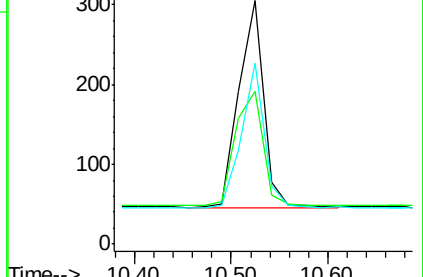
227 63.7 51.1 76.7

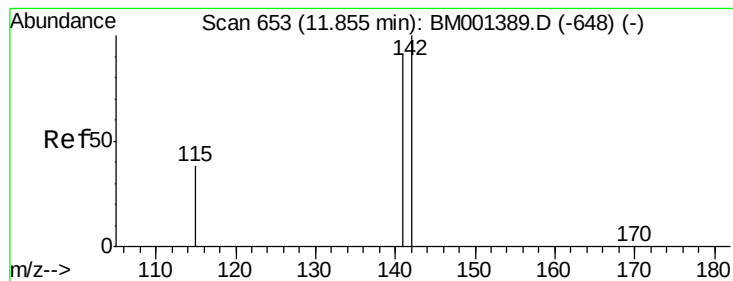


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 0.19 ng

RT: 11.86 min Scan# 653

Delta R.T. 0.00 min

Lab File: BM001386.D

Acq: 22 May 2015 17:18

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.2

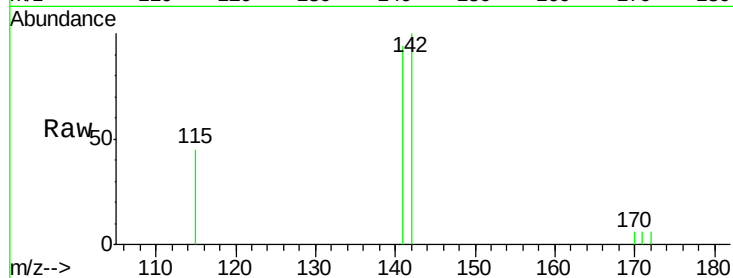
Tgt Ion:142 Resp: 1437

Ion Ratio Lower Upper

142 100

141 94.4 72.6 109.0

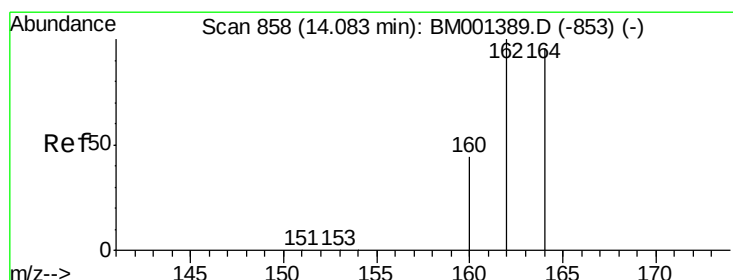
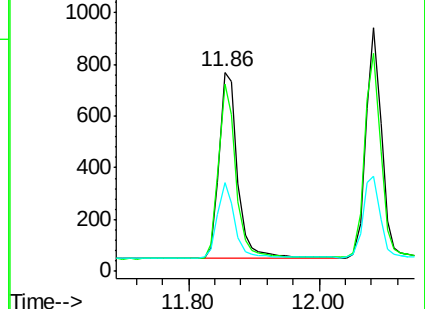
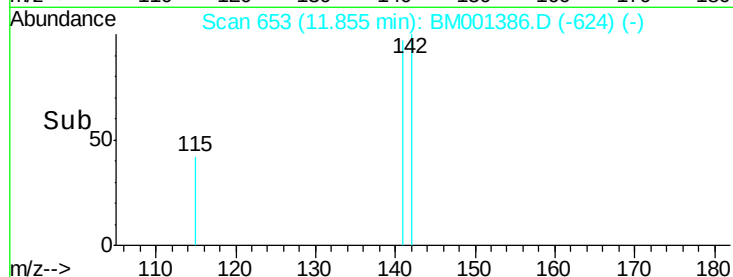
115 44.7 31.2 46.8



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: 14.08 min Scan# 858

Delta R.T. 0.00 min

Lab File: BM001386.D

Acq: 22 May 2015 17:18

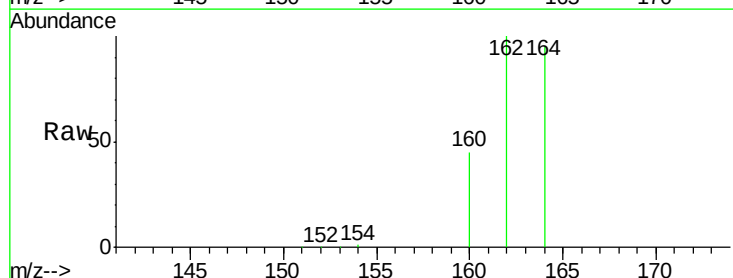
Tgt Ion:164 Resp: 28580

Ion Ratio Lower Upper

164 100

162 105.3 83.4 125.2

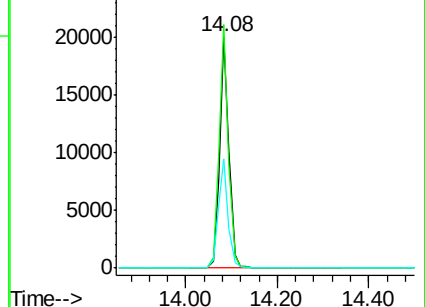
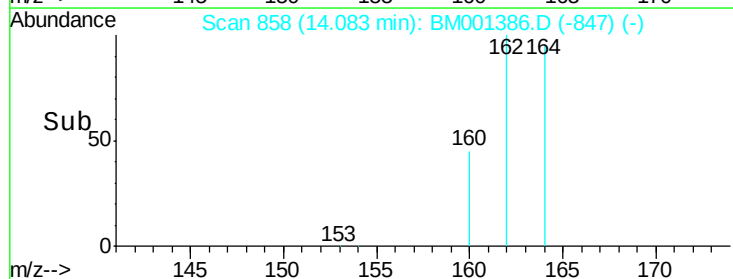
160 47.1 36.9 55.3

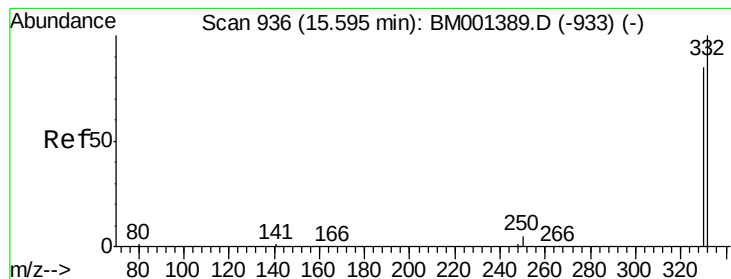


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

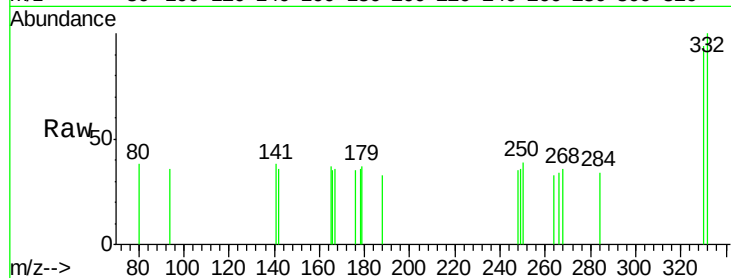




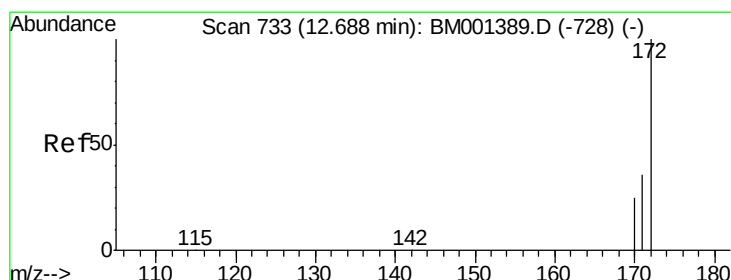
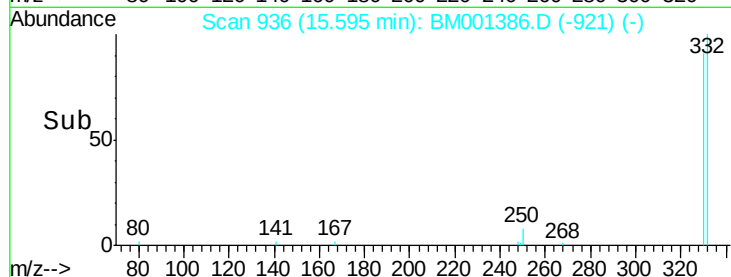
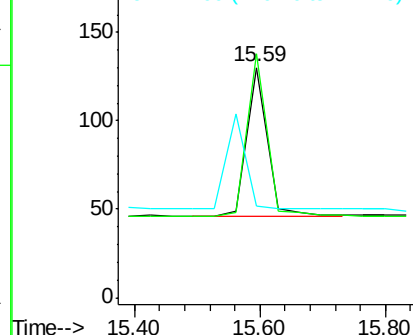
#13
 2,4,6-Tribromophenol
 Concen: 0.20 ng
 RT: 15.59 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: BM001386.D
 Acq: 22 May 2015 17:18

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.2

Tgt Ion:330 Resp: 194
 Ion Ratio Lower Upper
 330 100
 332 106.2 90.3 135.5
 141 0.0 0.0 0.0

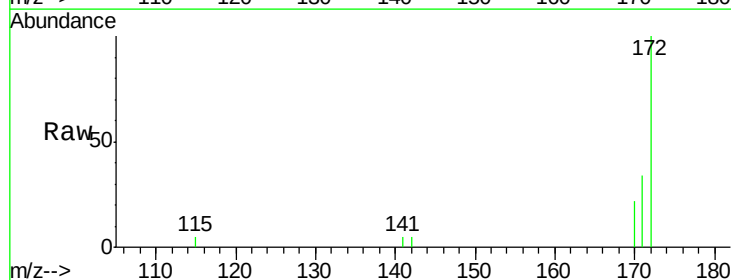


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

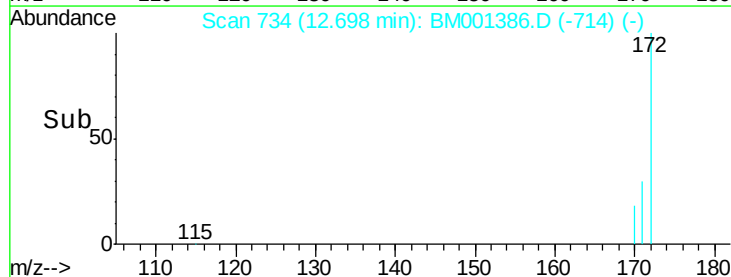
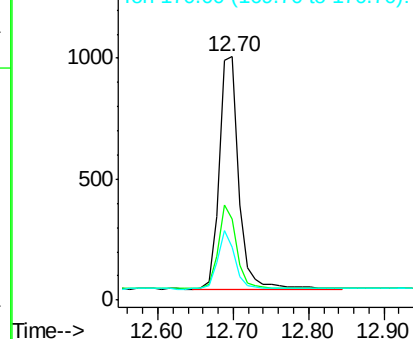


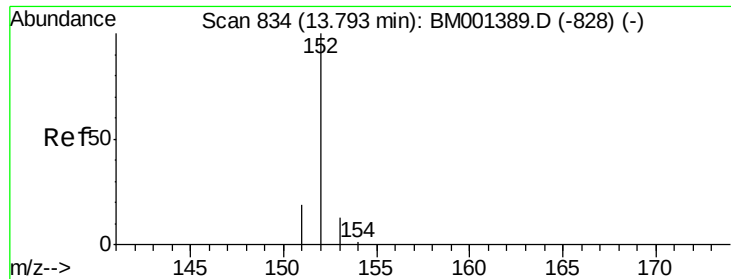
#14
 2-Fluorobiphenyl
 Concen: 0.20 ng
 RT: 12.70 min Scan# 734
 Delta R.T. 0.01 min
 Lab File: BM001386.D
 Acq: 22 May 2015 17:18

Tgt Ion:172 Resp: 1760
 Ion Ratio Lower Upper
 172 100
 171 33.6 29.4 44.0
 170 21.6 20.2 30.4



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: 0.18 ng

RT: 13.79 min Scan# 834

Delta R.T. 0.00 min

Lab File: BM001386.D

Acq: 22 May 2015 17:18

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

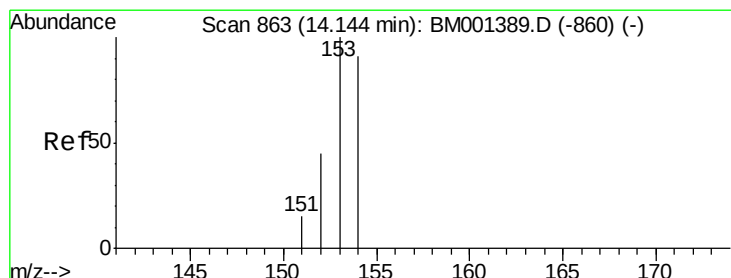
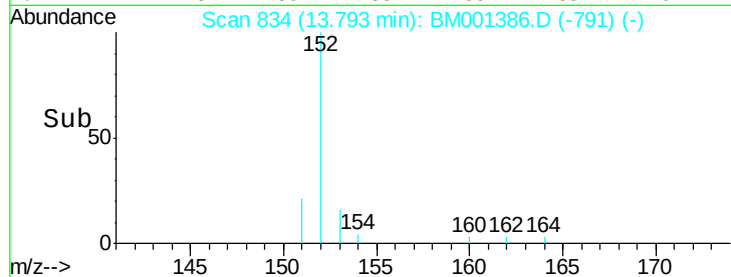
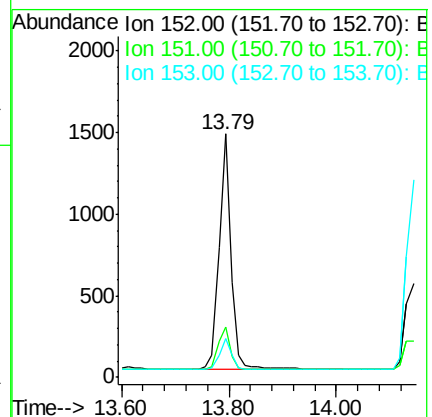
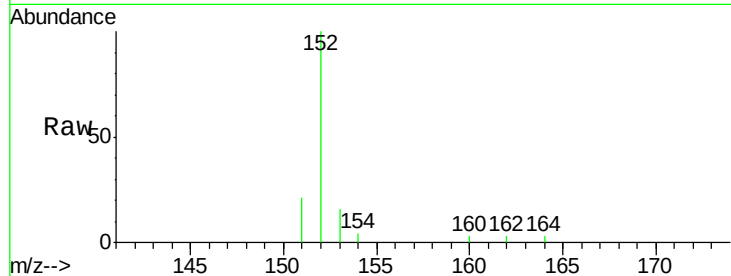
Tgt Ion:152 Resp: 2195

Ion Ratio Lower Upper

152 100

151 19.4 15.1 22.7

153 12.8 10.2 15.4



#16

Acenaphthene

Concen: 0.20 ng

RT: 14.14 min Scan# 863

Delta R.T. 0.00 min

Lab File: BM001386.D

Acq: 22 May 2015 17:18

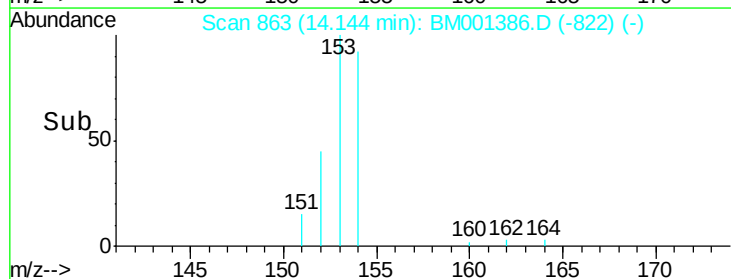
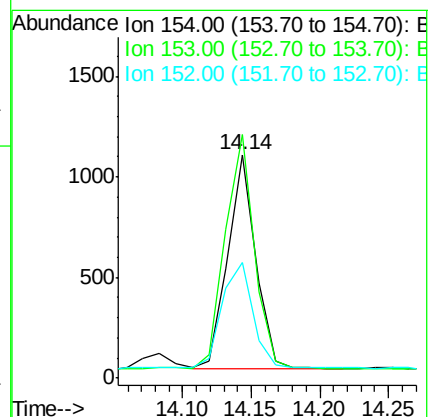
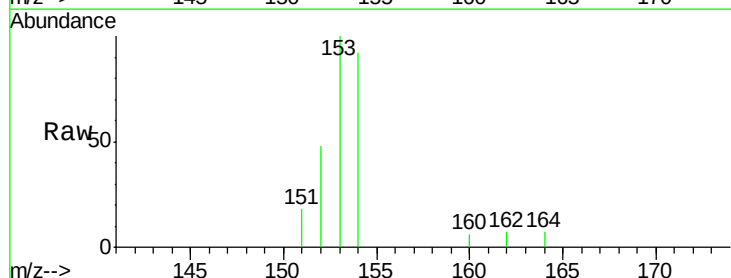
Tgt Ion:154 Resp: 1499

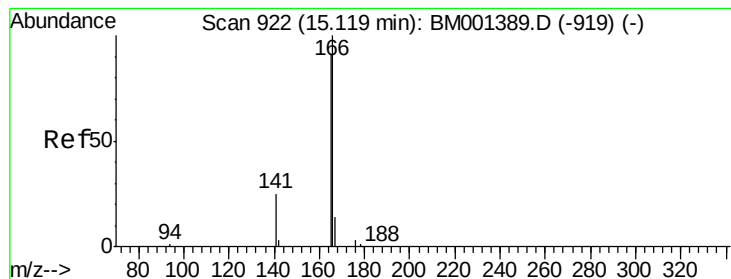
Ion Ratio Lower Upper

154 100

153 114.5 91.4 137.2

152 55.4 44.0 66.0





#17

Fluorene

Concen: 0.39 ng

RT: 15.12 min Scan# 922

Delta R.T. 0.00 min

Lab File: BM001386.D

Acq: 22 May 2015 17:18

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.2

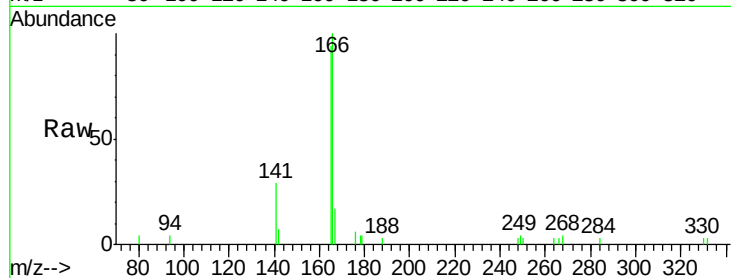
Tgt Ion:166 Resp: 2753

Ion Ratio Lower Upper

166 100

165 99.9 72.6 108.8

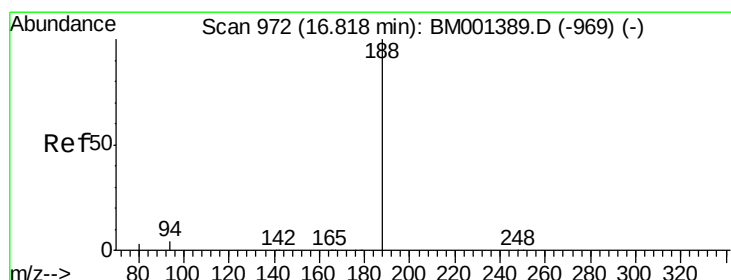
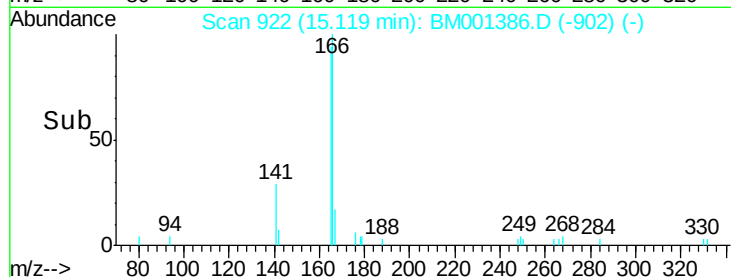
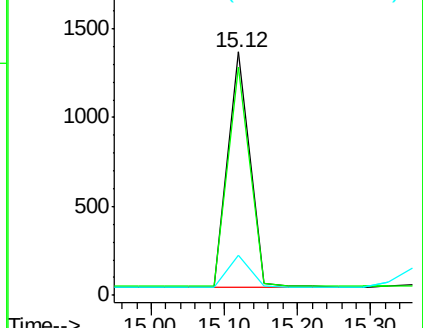
167 13.6 10.9 16.3



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: BM001386.D

Acq: 22 May 2015 17:18

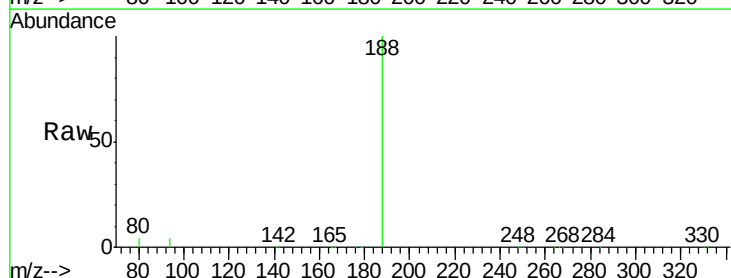
Tgt Ion:188 Resp: 95806

Ion Ratio Lower Upper

188 100

94 4.1 3.0 4.4

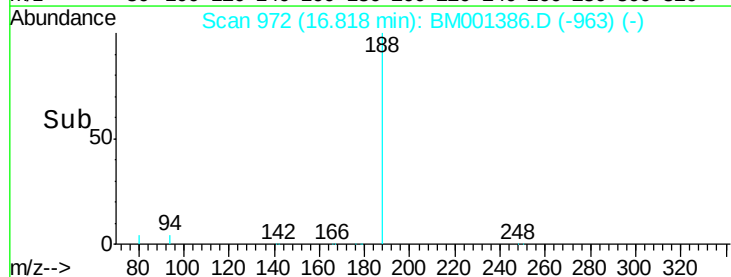
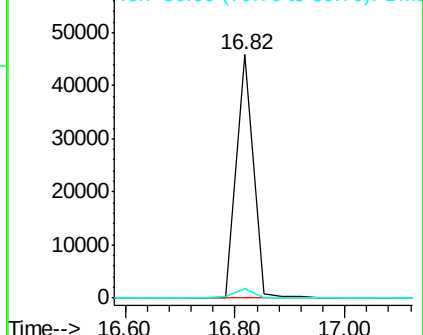
80 3.7 2.5 3.7

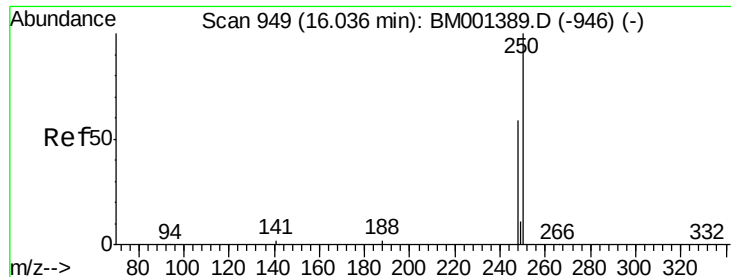


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

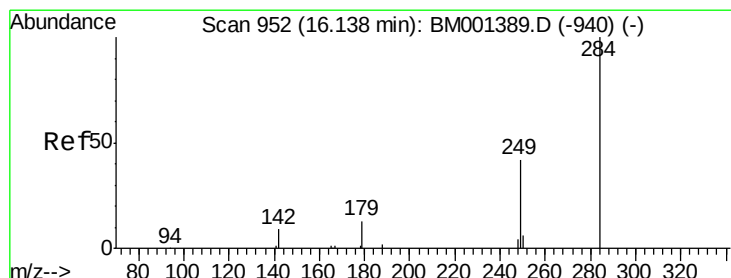
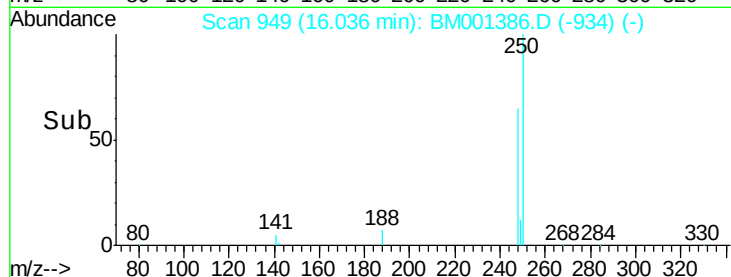
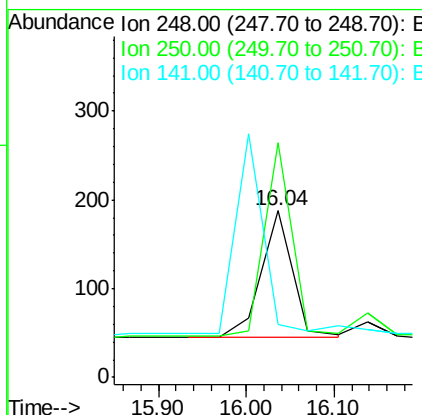
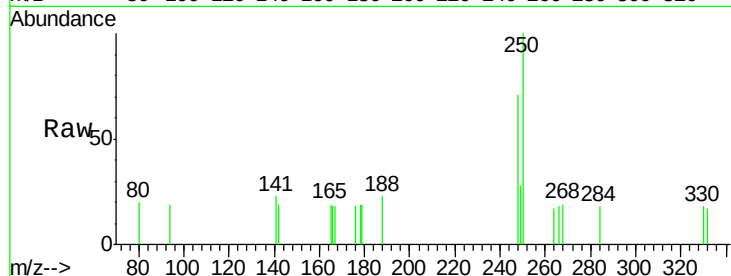




#19
4-Bromophenyl-phenylether
Concen: 0.08 ng
RT: 16.04 min Scan# 949
Delta R.T. 0.00 min
Lab File: BM001386.D
Acq: 22 May 2015 17:18

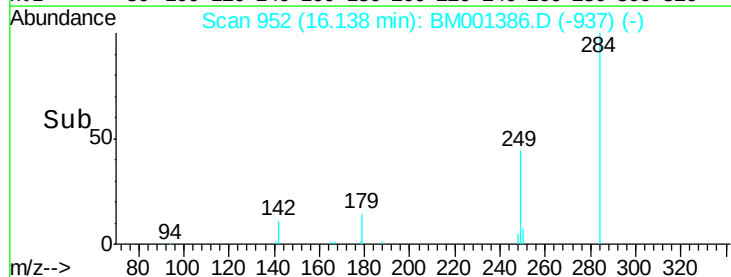
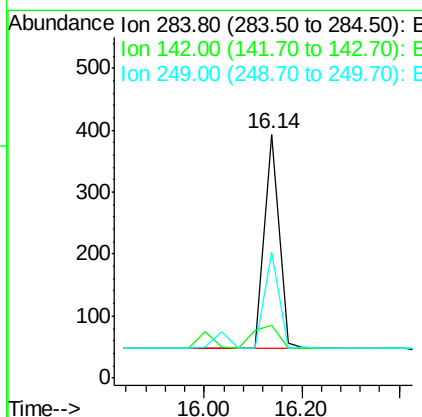
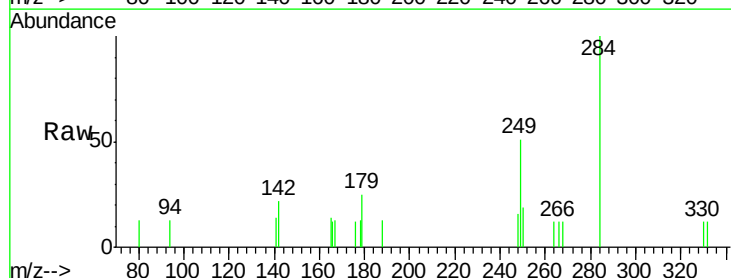
Instrument :
BNA_M
ClientSampleId :
SSTDIC0.2

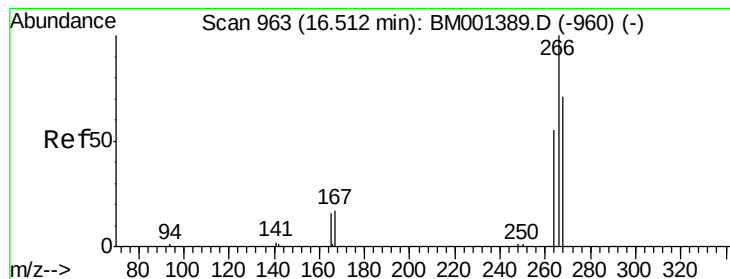
Tgt Ion: 248 Resp: 348
Ion Ratio Lower Upper
248 100
250 135.3 117.8 176.6
141 0.0 0.0 0.0



#20
Hexachlorobenzene
Concen: 0.11 ng
RT: 16.14 min Scan# 952
Delta R.T. 0.00 min
Lab File: BM001386.D
Acq: 22 May 2015 17:18

Tgt Ion: 284 Resp: 730
Ion Ratio Lower Upper
284 100
142 19.0 13.9 20.9
249 53.0 39.0 58.4





#21

Pentachlorophenol

Concen: 0.05 ng

RT: 16.51 min Scan# 963

Delta R.T. 0.00 min

Lab File: BM001386.D

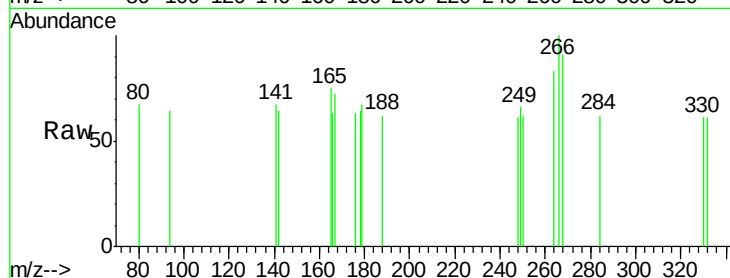
Acq: 22 May 2015 17:18

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2



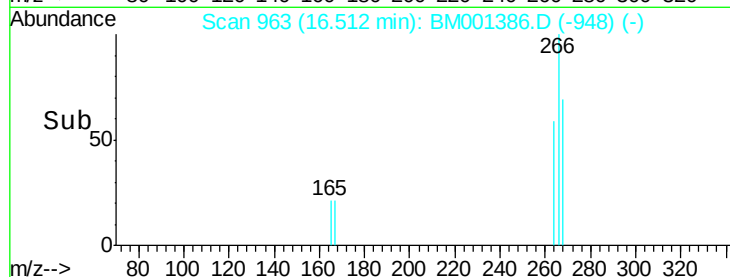
Tgt Ion:266 Resp: 128

Ion Ratio Lower Upper

266 100

268 90.8 63.0 94.4

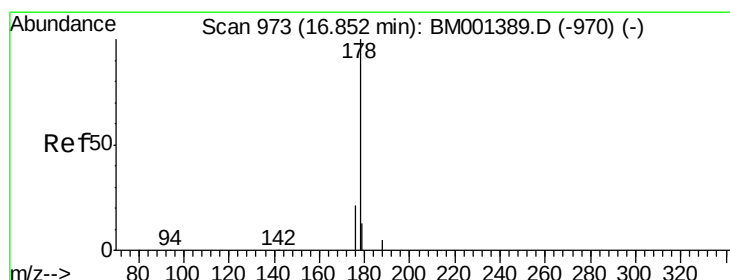
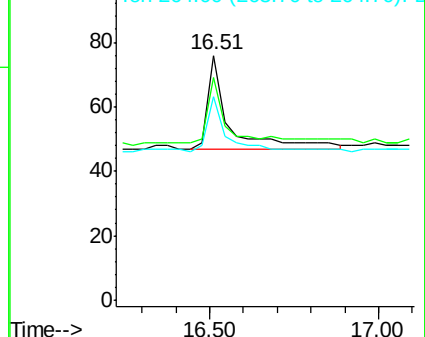
264 82.9 52.8 79.2#



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: 0.12 ng

RT: 16.85 min Scan# 973

Delta R.T. 0.00 min

Lab File: BM001386.D

Acq: 22 May 2015 17:18

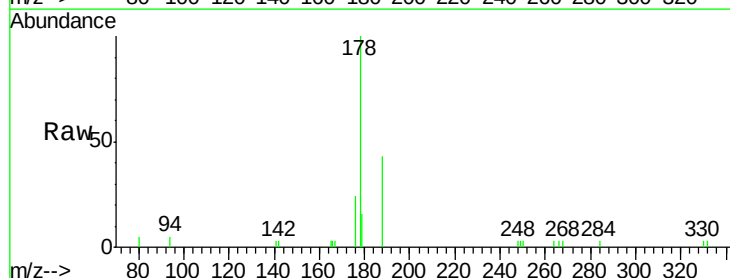
Tgt Ion:178 Resp: 3711

Ion Ratio Lower Upper

178 100

176 21.0 16.8 25.2

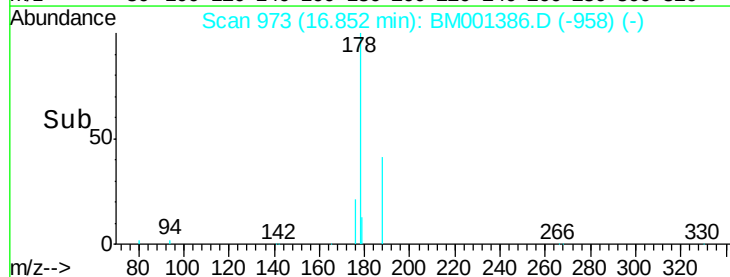
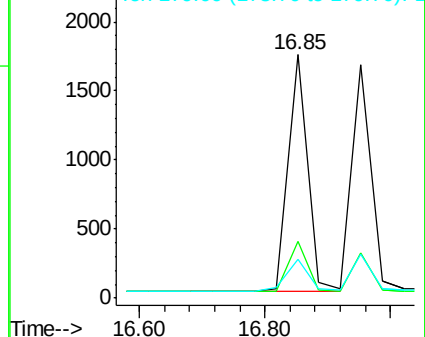
179 15.2 11.0 16.4

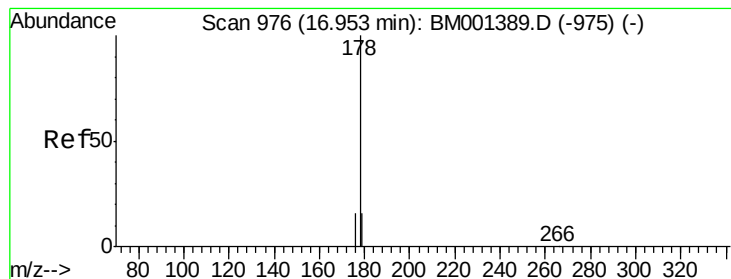


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 0.26 ng

RT: 16.95 min Scan# 976

Delta R.T. 0.00 min

Lab File: BM001386.D

Acq: 22 May 2015 17:18

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

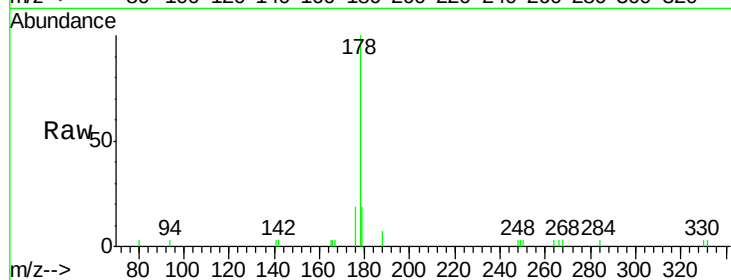
Tgt Ion:178 Resp: 3601

Ion Ratio Lower Upper

178 100

176 17.2 13.1 19.7

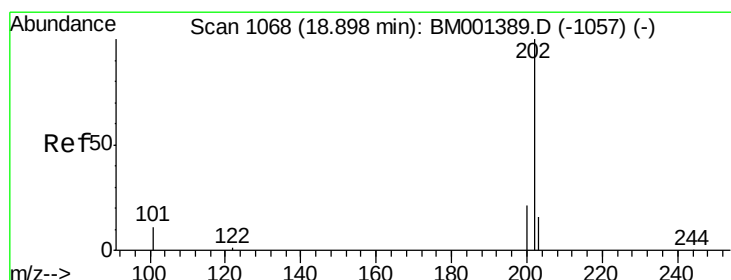
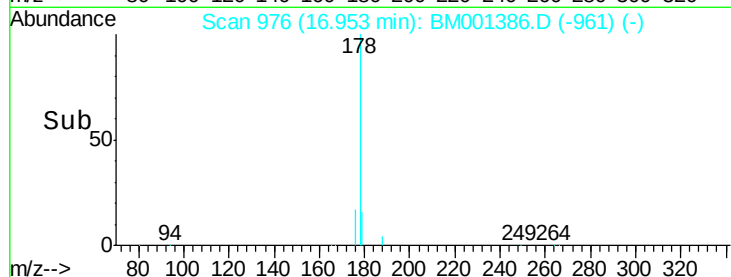
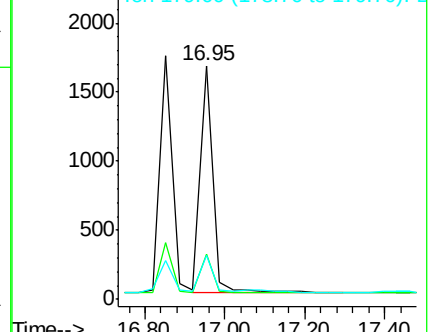
179 19.0 12.8 19.2



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: 0.12 ng

RT: 18.90 min Scan# 1068

Delta R.T. 0.00 min

Lab File: BM001386.D

Acq: 22 May 2015 17:18

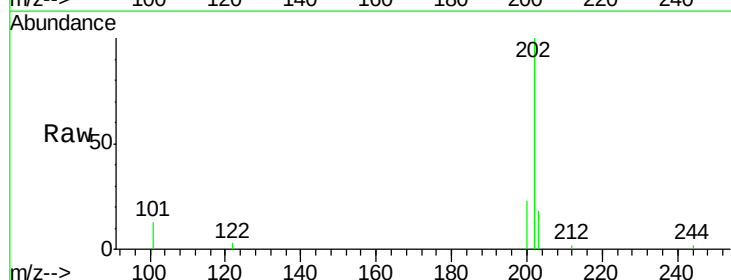
Tgt Ion:202 Resp: 3420

Ion Ratio Lower Upper

202 100

101 10.6 8.6 12.8

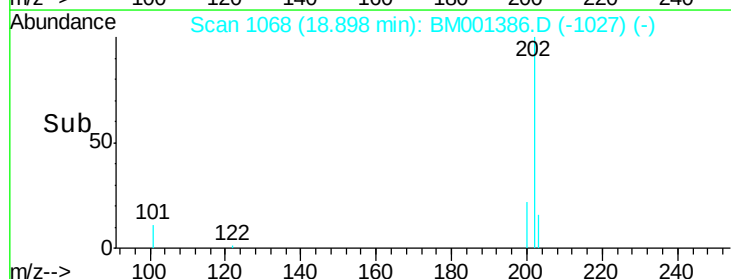
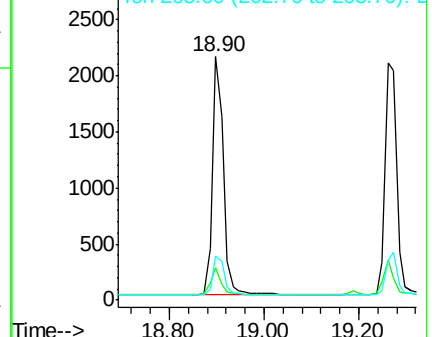
203 16.7 13.8 20.6

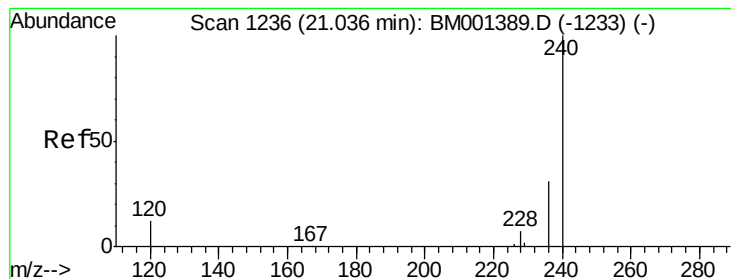


Abundance Ion 202.00 (201.70 to 202.70): E

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: BM001386.D

Acq: 22 May 2015 17:18

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

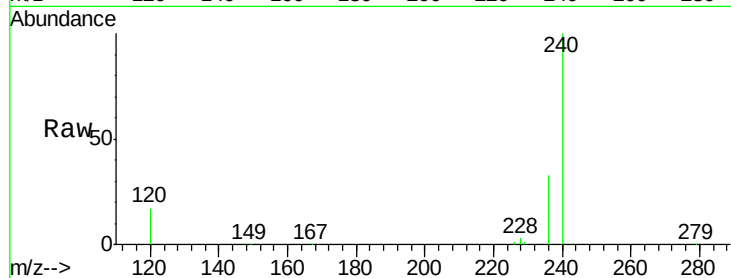
Tgt Ion:240 Resp: 62028

Ion Ratio Lower Upper

240 100

120 16.8 9.7 14.5#

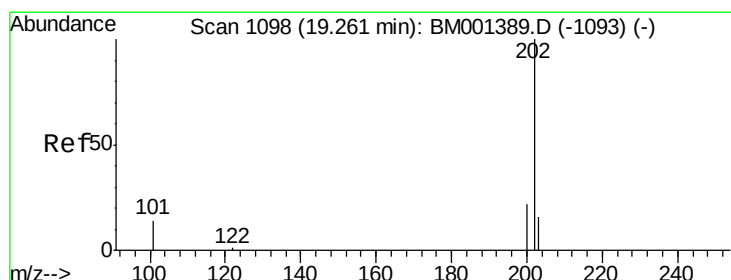
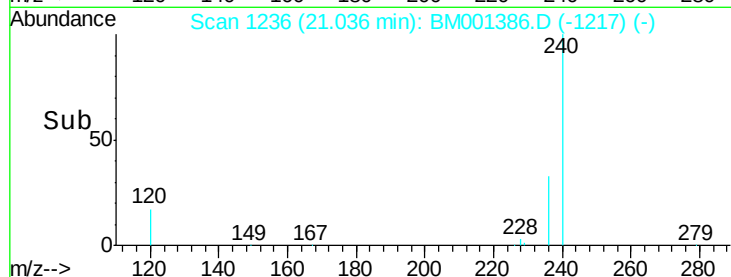
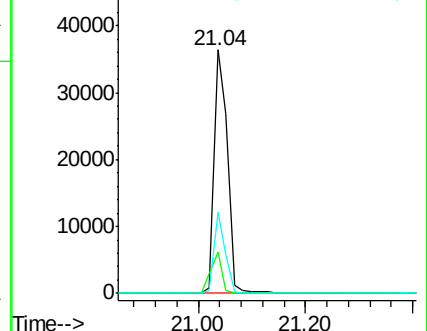
236 33.1 24.8 37.2



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: 0.19 ng

RT: 19.26 min Scan# 1098

Delta R.T. 0.00 min

Lab File: BM001386.D

Acq: 22 May 2015 17:18

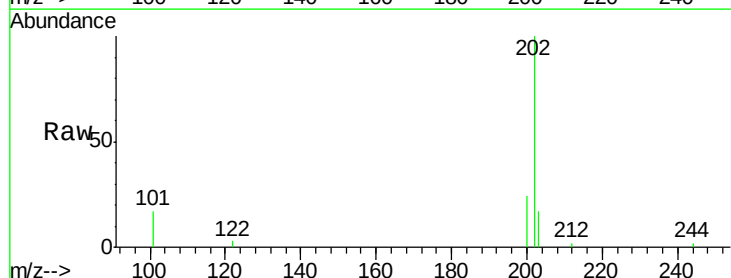
Tgt Ion:202 Resp: 3579

Ion Ratio Lower Upper

202 100

200 20.2 16.4 24.6

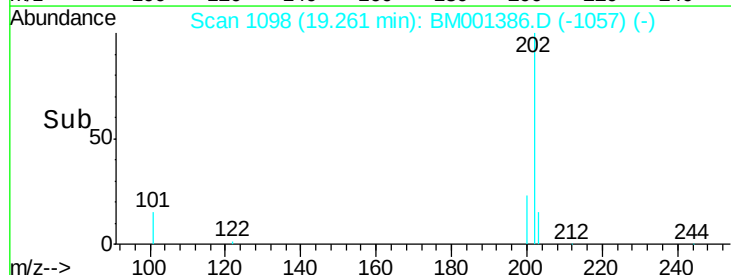
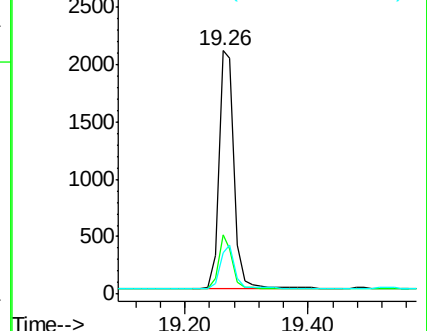
203 17.1 13.9 20.9

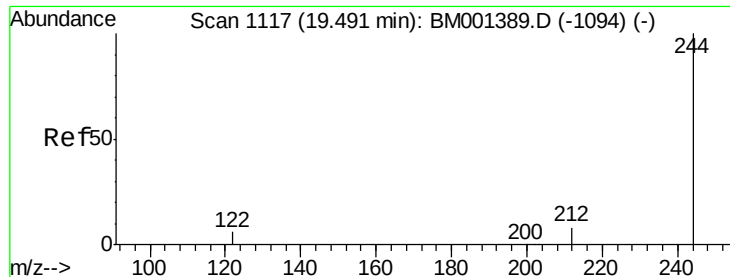


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Terphenyl-d14

Concen: 0.20 ng

RT: 19.49 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BM001386.D

Acq: 22 May 2015 17:18

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

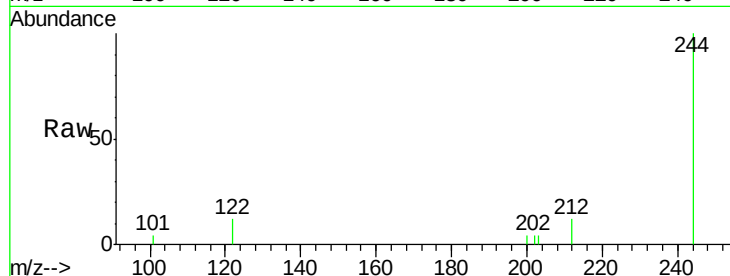
Tgt Ion:244 Resp: 1638

Ion Ratio Lower Upper

244 100

212 12.4 7.2 10.8#

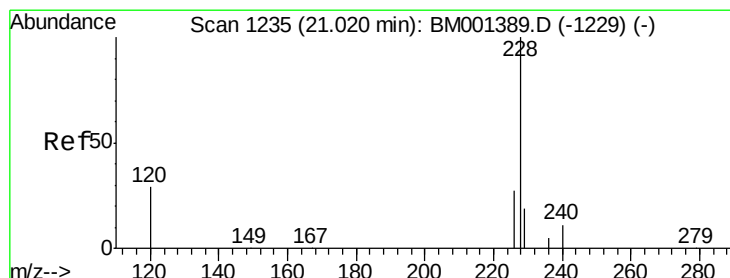
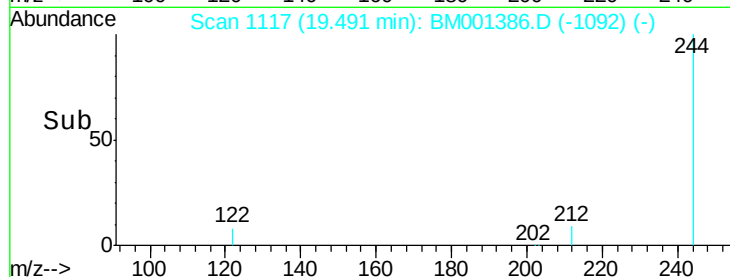
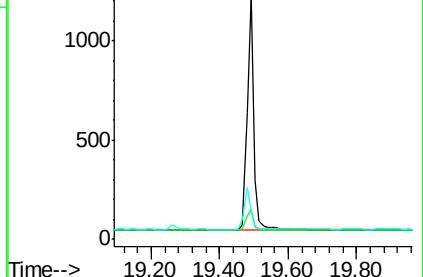
122 11.7 5.1 7.7#



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: 0.19 ng

RT: 21.02 min Scan# 1235

Delta R.T. 0.00 min

Lab File: BM001386.D

Acq: 22 May 2015 17:18

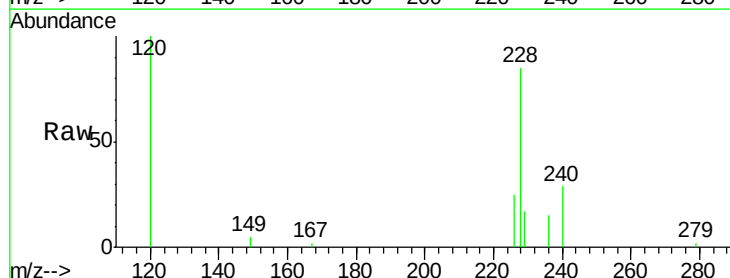
Tgt Ion:228 Resp: 3492

Ion Ratio Lower Upper

228 100

226 29.3 21.9 32.9

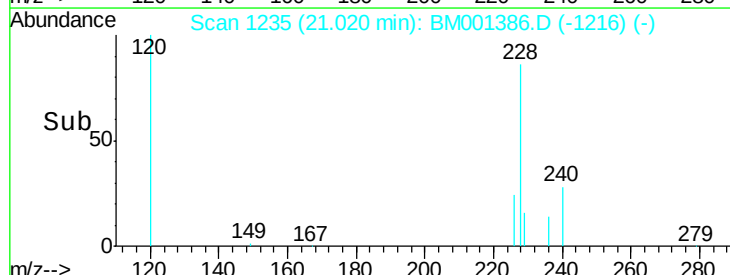
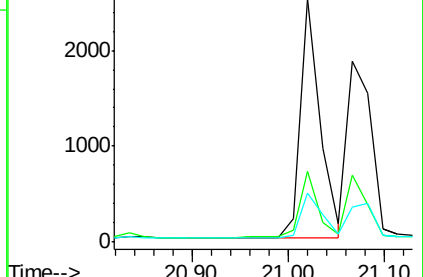
229 20.0 15.1 22.7

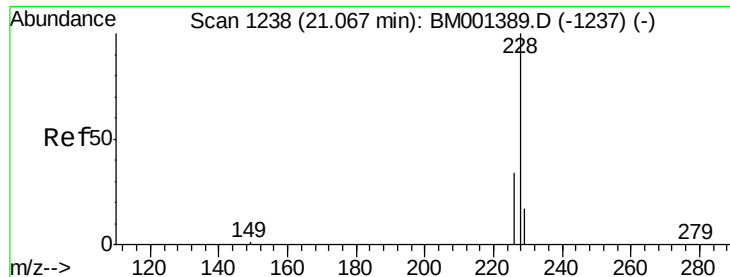


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Chrysene

Concen: 0.19 ng

RT: 21.07 min Scan# 1238

Delta R.T. 0.00 min

Lab File: BM001386.D

Acq: 22 May 2015 17:18

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

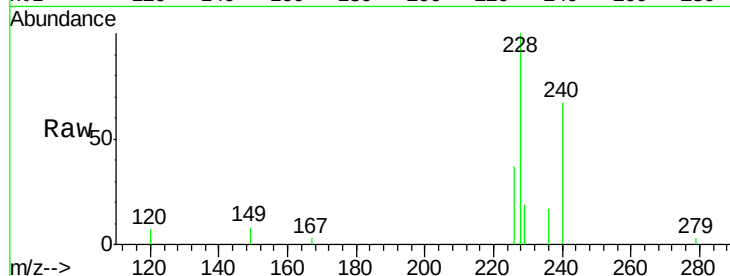
Tgt Ion:228 Resp: 3277

Ion Ratio Lower Upper

228 100

226 36.9 27.6 41.4

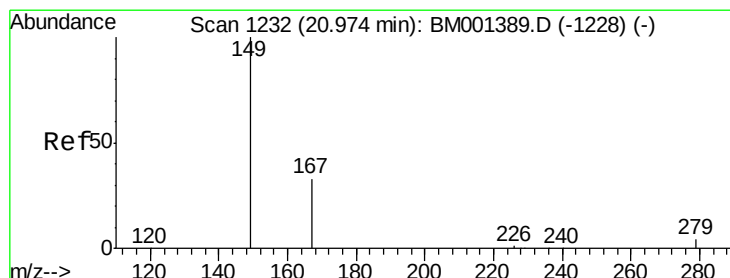
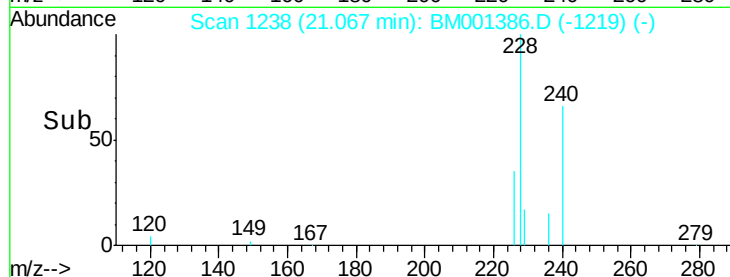
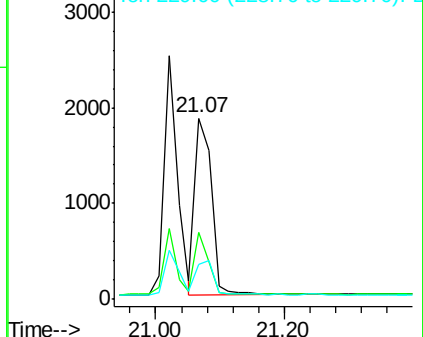
229 19.1 13.6 20.4



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: 0.21 ng

RT: 20.97 min Scan# 1232

Delta R.T. 0.00 min

Lab File: BM001386.D

Acq: 22 May 2015 17:18

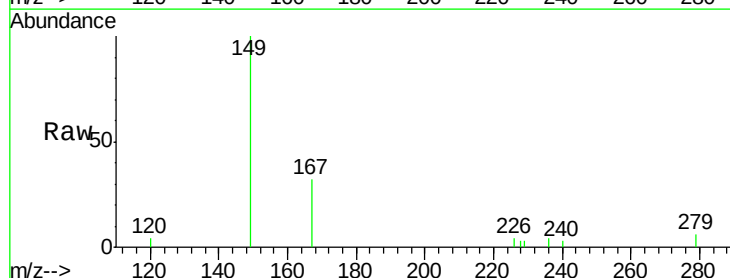
Tgt Ion:149 Resp: 1908

Ion Ratio Lower Upper

149 100

167 26.6 21.0 31.6

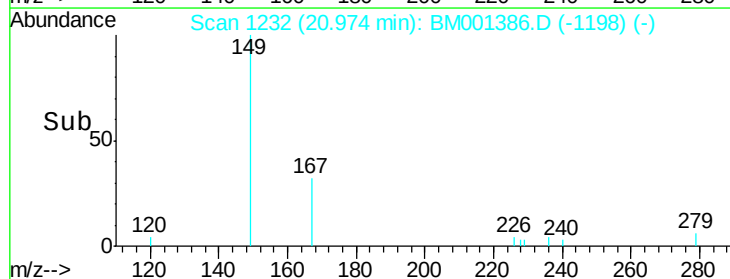
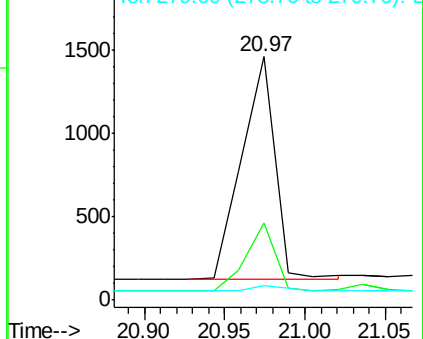
279 2.8 2.2 3.2

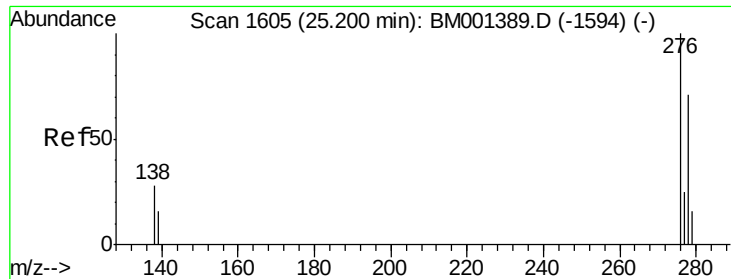


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.20 ng

RT: 25.20 min Scan# 1605

Delta R.T. 0.00 min

Lab File: BM001386.D

Acq: 22 May 2015 17:18

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.2

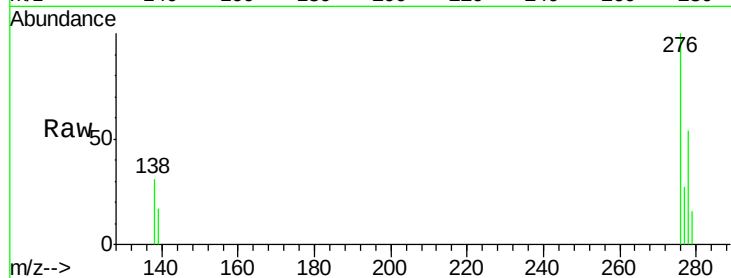
Tgt Ion:276 Resp: 3658

Ion Ratio Lower Upper

276 100

138 28.5 23.4 35.0

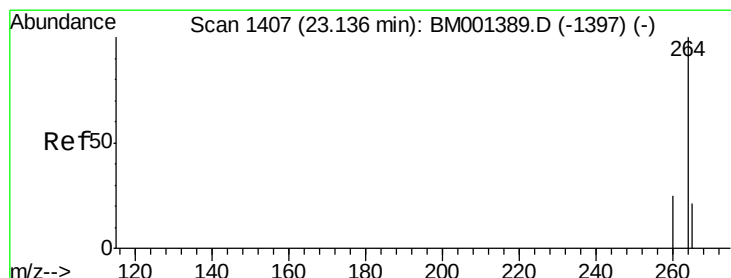
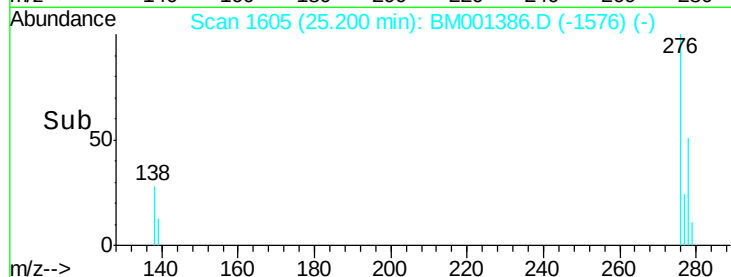
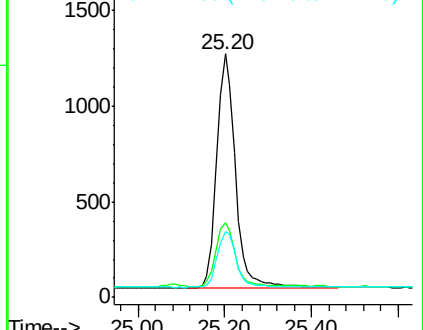
277 24.0 19.5 29.3



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: 23.14 min Scan# 1407

Delta R.T. 0.00 min

Lab File: BM001386.D

Acq: 22 May 2015 17:18

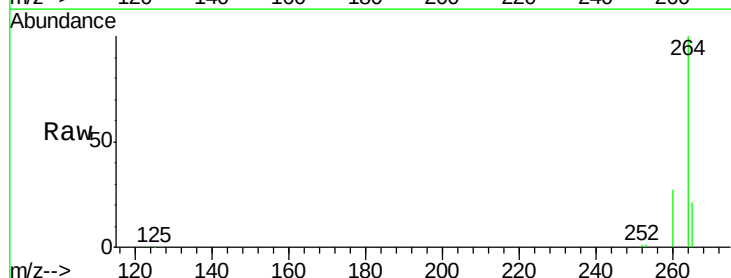
Tgt Ion:264 Resp: 59128

Ion Ratio Lower Upper

264 100

260 26.5 20.1 30.1

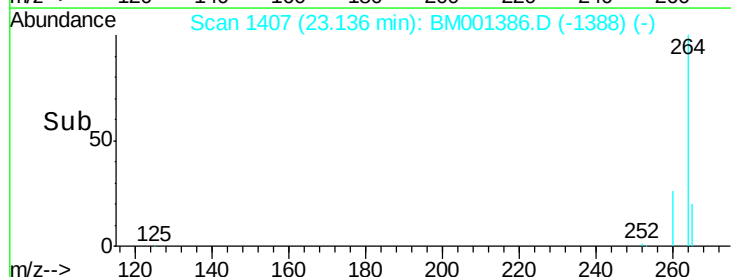
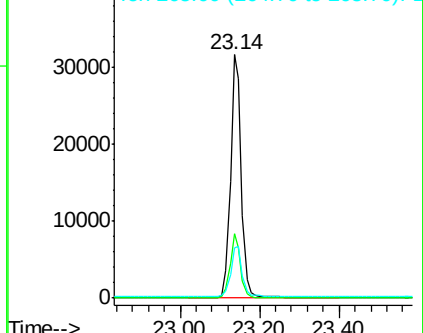
265 20.6 17.1 25.7

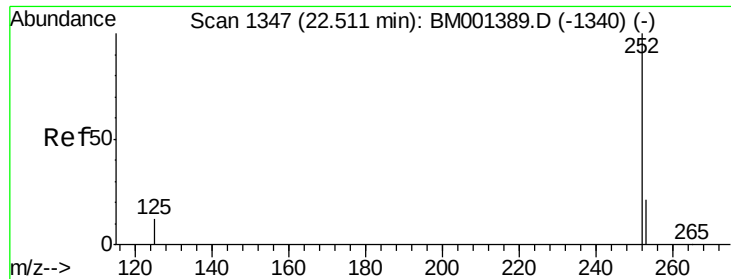


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 0.20 ng

RT: 22.52 min Scan# 1348

Delta R.T. 0.01 min

Lab File: BM001386.D

Acq: 22 May 2015 17:18

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

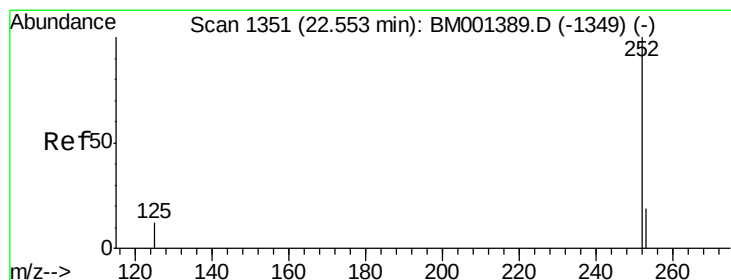
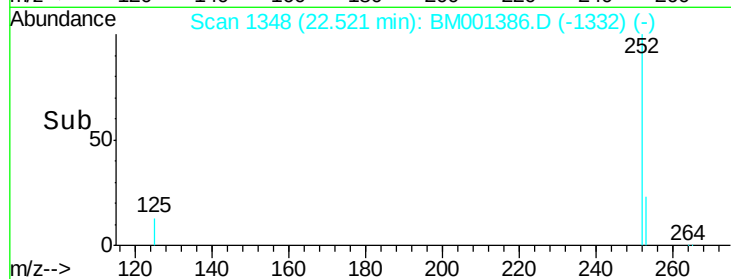
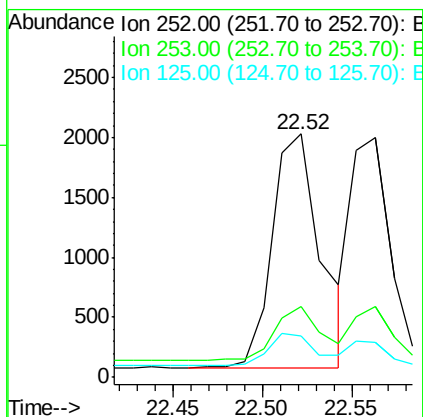
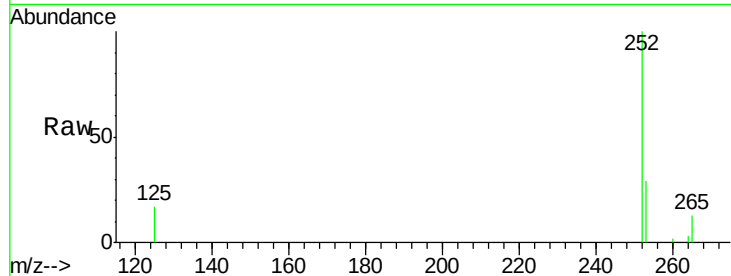
Tgt Ion:252 Resp: 3662

Ion Ratio Lower Upper

252 100

253 29.2 17.4 26.0#

125 17.0 10.2 15.4#



#34

Benzo(k)fluoranthene

Concen: 0.19 ng

RT: 22.56 min Scan# 1352

Delta R.T. 0.01 min

Lab File: BM001386.D

Acq: 22 May 2015 17:18

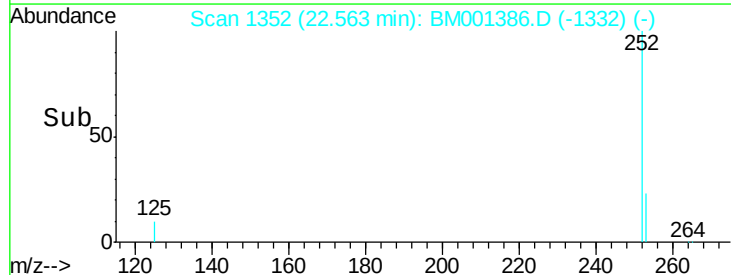
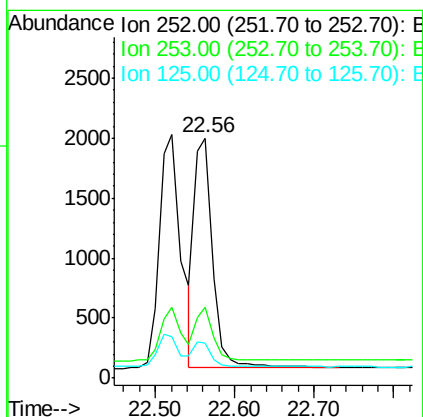
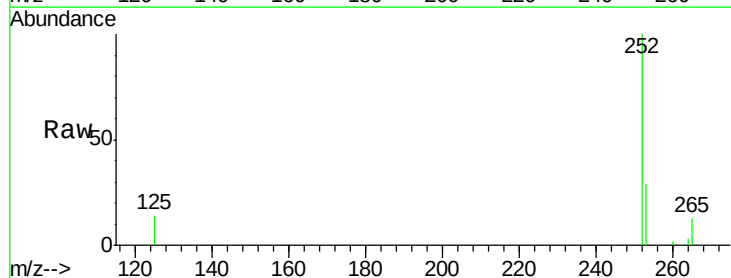
Tgt Ion:252 Resp: 3044

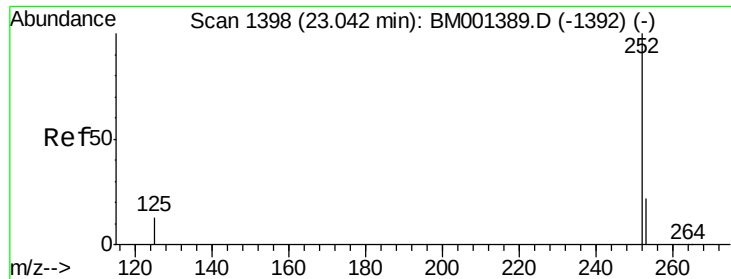
Ion Ratio Lower Upper

252 100

253 29.4 17.6 26.4#

125 14.4 9.7 14.5





#35

Benzo(a)pyrene

Concen: 0.20 ng

RT: 23.04 min Scan# 1398

Delta R.T. 0.00 min

Lab File: BM001386.D

Acq: 22 May 2015 17:18

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

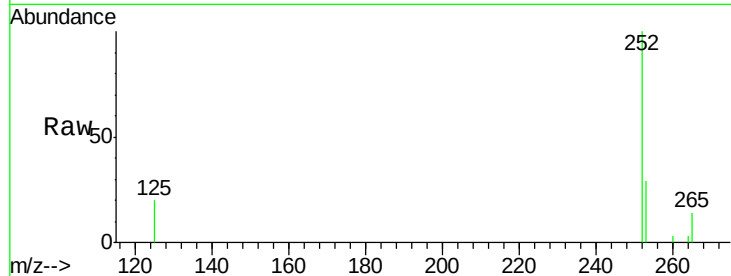
Tgt Ion:252 Resp: 3080

Ion Ratio Lower Upper

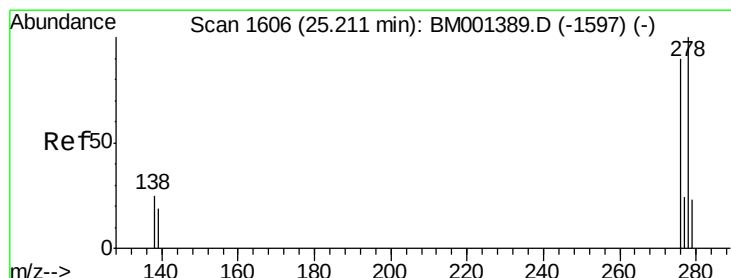
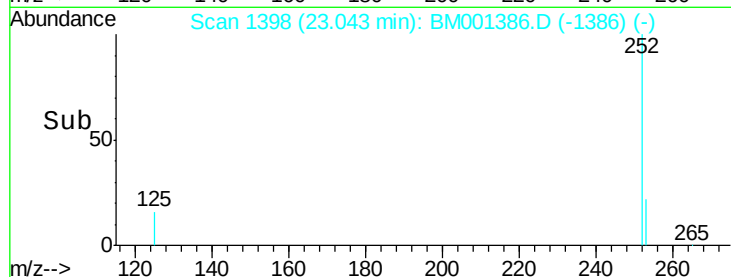
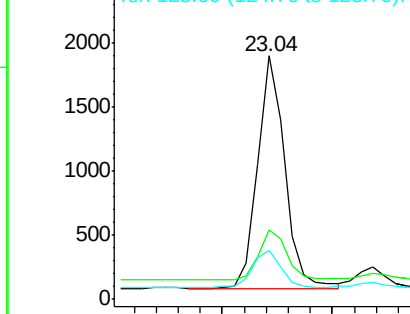
252 100

253 28.6 18.6 28.0#

125 19.9 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: 0.20 ng

RT: 25.21 min Scan# 1606

Delta R.T. 0.00 min

Lab File: BM001386.D

Acq: 22 May 2015 17:18

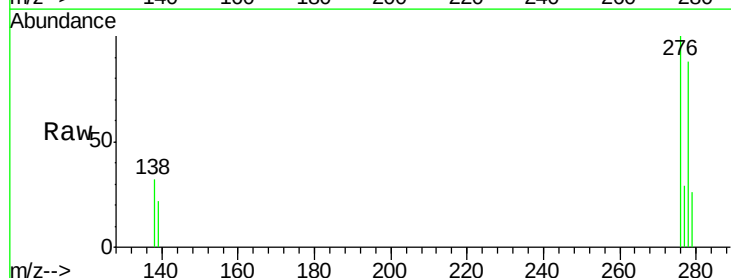
Tgt Ion:278 Resp: 2805

Ion Ratio Lower Upper

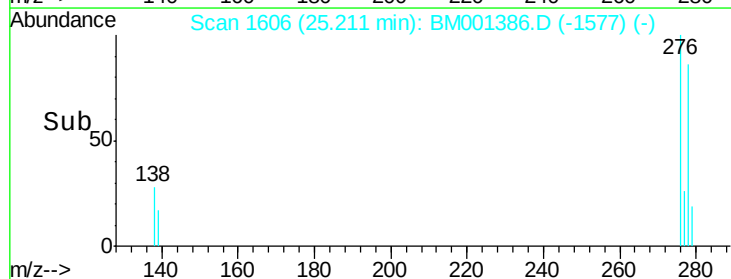
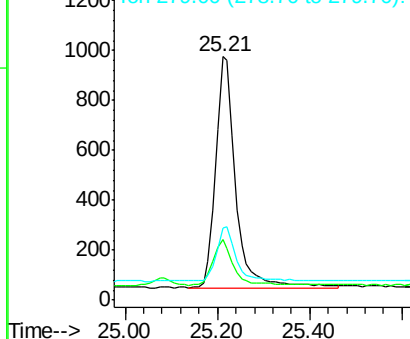
278 100

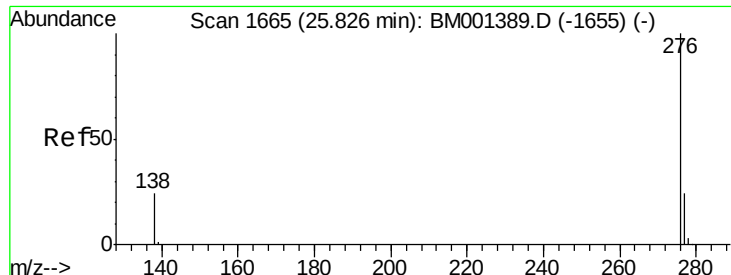
139 24.9 15.7 23.5#

279 29.5 19.4 29.2#



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(g,h,i)perylene

Concen: 0.20 ng

RT: 25.83 min Scan# 1665

Delta R.T. 0.00 min

Lab File: BM001386.D

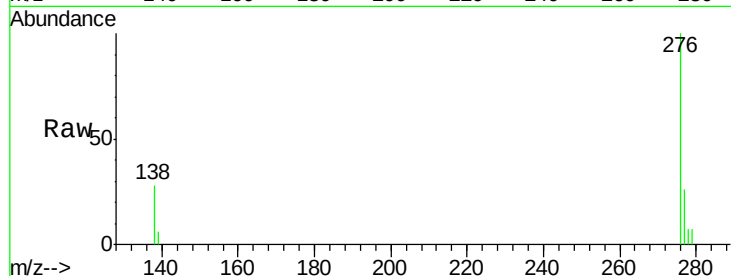
Acq: 22 May 2015 17:18

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.2



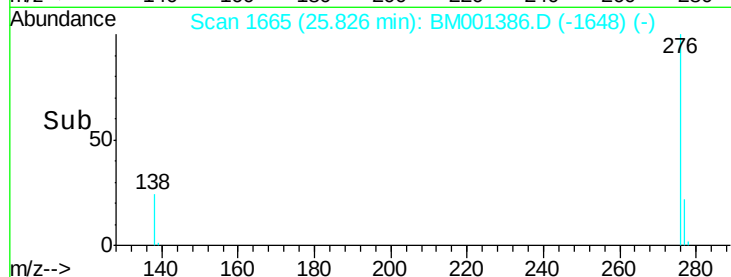
Tgt Ion: 276 Resp: 3083

Ion Ratio Lower Upper

276 100

277 26.3 19.8 29.6

138 28.4 20.2 30.2



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

