

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060615\
 Data File : BM001590.D
 Acq On : 06 Jun 2015 12:16
 Operator : TP/IZ
 Sample : G2491-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SS043MW011-150601

Quant Time: Jun 08 05:38:30 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM060615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 08 05:27:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	27656	5.00	ng	0.00
6) Naphthalene-d8	10.47	136	99303	5.00	ng	0.00
12) Acenaphthene-d10	14.35	164	44805	5.00	ng	0.00
18) Phenanthrene-d10	17.09	188	63105	5.00	ng	0.00
25) Chrysene-d12	21.28	240	67204	5.00	ng	0.00
32) Perylene-d12	23.52	264	62233	5.00	ng	0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.28	112	15629	2.56	ng	0.02
5) Phenol-d6	6.86	99	13233	1.76	ng	0.02
7) Nitrobenzene-d5	8.85	82	45196	6.68	ng	0.00
13) 2,4,6-Tribromophenol	15.83	330	16473	7.70	ng	0.00
14) 2-Fluorobiphenyl	12.97	172	76078	5.51	ng	0.01
27) Terphenyl-d14	19.72	244	53310	6.14	ng	0.00

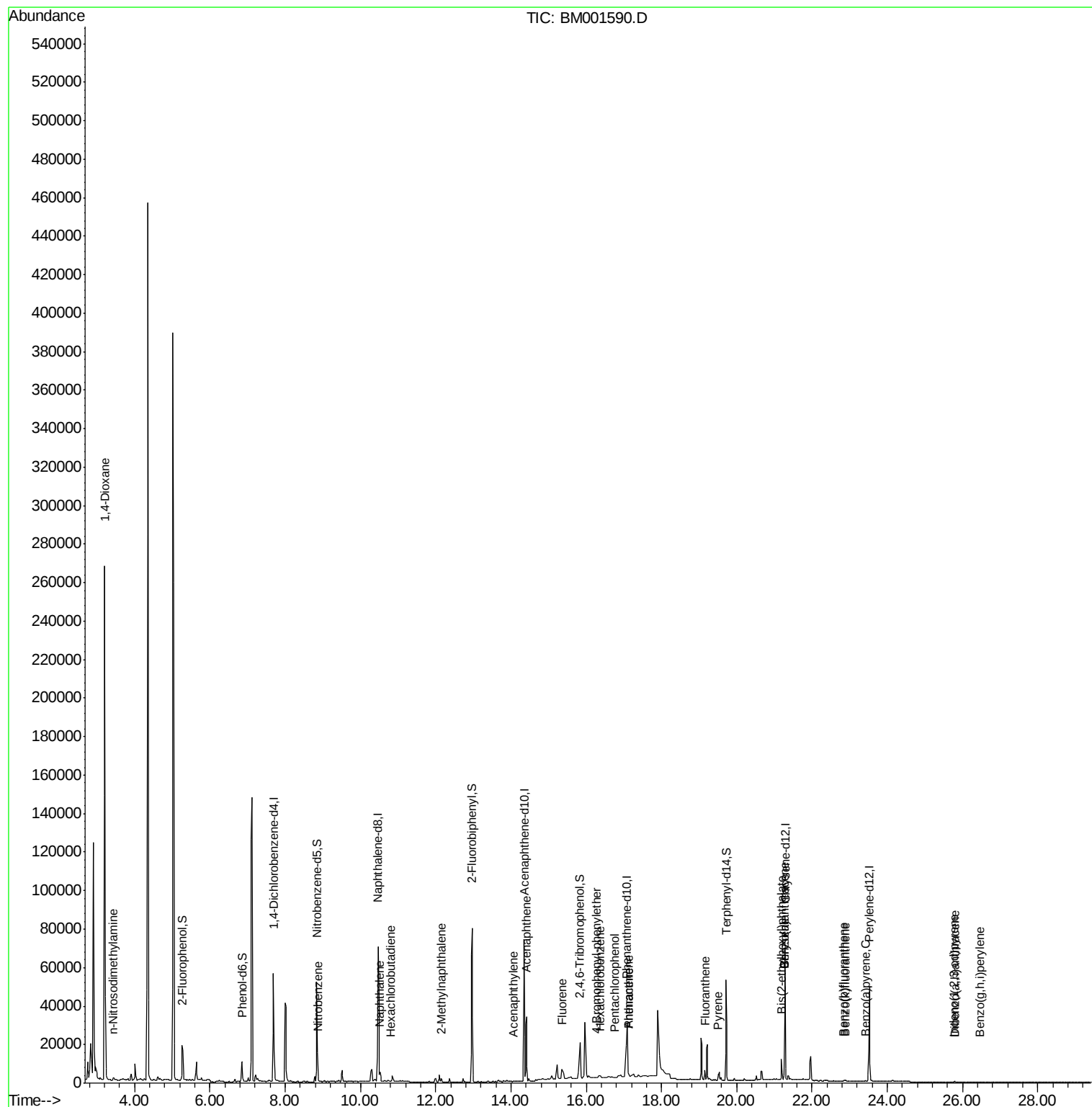
Target Compounds						Qvalue
2) 1,4-Dioxane	3.21	88	177993	75.61	ng	96
3) n-Nitrosodimethylamine	3.43	42	313	0.07	ng	# 5
8) Nitrobenzene	8.88	77	811	0.11	ng	# 44
9) Naphthalene	10.52	128	2917	0.14	ng	# 90
10) Hexachlorobutadiene	10.82	225	1	0.00	ng	# 19
11) 2-Methylnaphthalene	12.15	142	1284	0.10	ng	# 91
15) Acenaphthylene	14.06	152	257	0.01	ng	# 20
16) Acenaphthene	14.41	154	19380	1.59	ng	98
17) Fluorene	15.36	166	7476	0.95	ng	# 97
19) 4-Bromophenyl-phenylether	16.27	248	18	0.08	ng	# 59
20) Hexachlorobenzene	16.38	284	6	0.00	ng	# 1
21) Pentachlorophenol	16.75	266	39	0.03	ng	# 70
22) Phenanthrene	17.12	178	3088	0.14	ng	# 89
23) Anthracene	17.12	178	4323	0.47	ng	# 53
24) Fluoranthene	19.15	202	4434	0.26	ng	# 86
26) Pyrene	19.52	202	3041	0.14	ng	# 78
28) Benzo(a)anthracene	21.27	228	804	0.04	ng	# 46
29) Chrysene	21.27	228	804	0.04	ng	# 41
30) Bis(2-ethylhexyl)phthalate	21.19	149	10844	0.95	ng	96
31) Indeno(1,2,3-cd)pyrene	25.77	276	496	0.03	ng	94
33) Benzo(b)fluoranthene	22.84	252	251	0.01	ng	# 1
34) Benzo(k)fluoranthene	22.89	252	168	0.01	ng	# 1
35) Benzo(a)pyrene	23.42	252	190	0.01	ng	# 1
36) Dibenzo(a,h)anthracene	25.79	278	416	0.03	ng	# 1
37) Benzo(g,h,i)perylene	26.46	276	423	0.03	ng	# 34

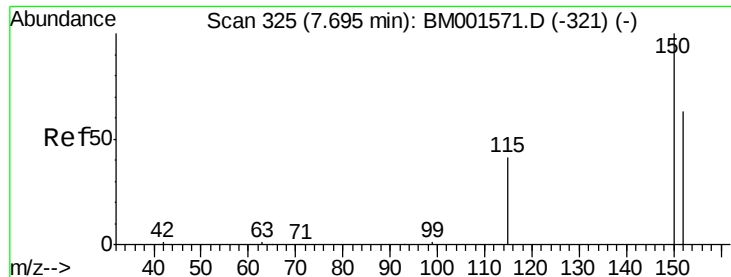
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.69 min Scan# 325

Delta R.T. -0.00 min

Lab File: BM001590.D

Acq: 06 Jun 2015 12:16

Instrument :

BNA_M

ClientSampleId :

SS043MW011-150601

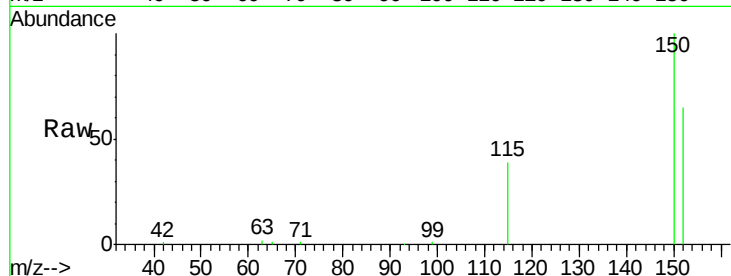
Tgt Ion:152 Resp: 27656

Ion Ratio Lower Upper

152 100

150 153.9 126.6 190.0

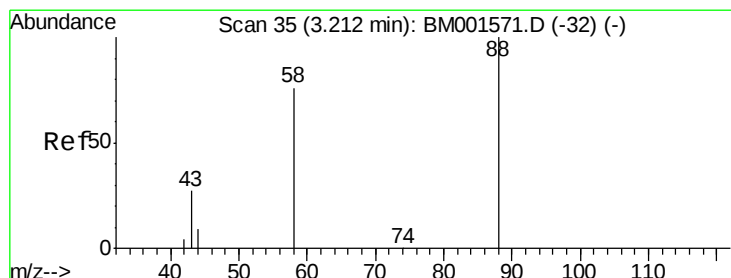
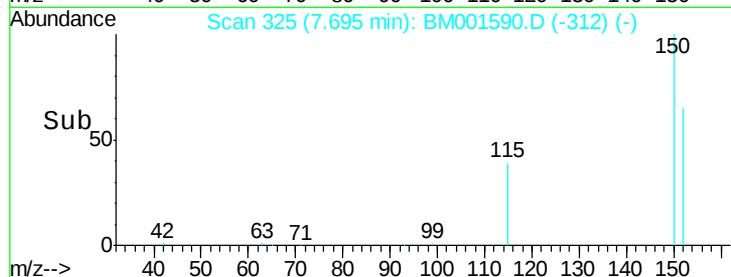
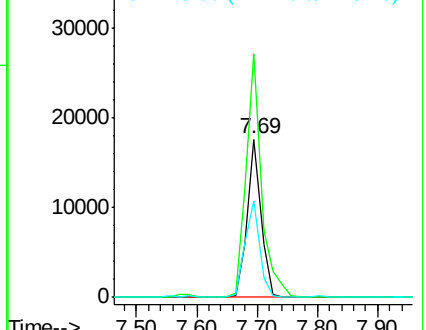
115 60.6 51.6 77.4



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: 75.61 ng

RT: 3.21 min Scan# 35

Delta R.T. -0.00 min

Lab File: BM001590.D

Acq: 06 Jun 2015 12:16

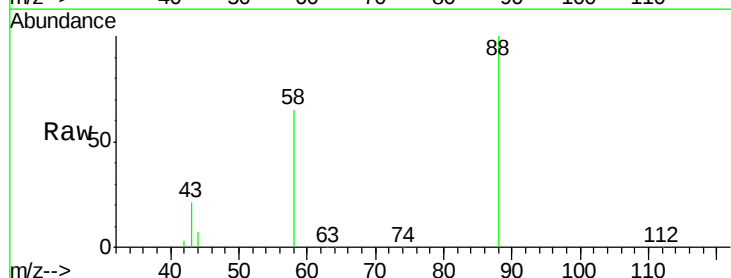
Tgt Ion: 88 Resp: 177993

Ion Ratio Lower Upper

88 100

58 86.9 66.1 99.1

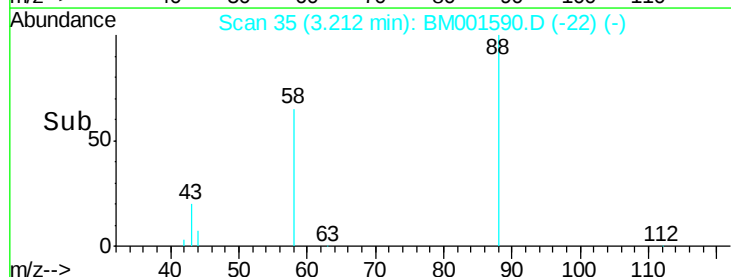
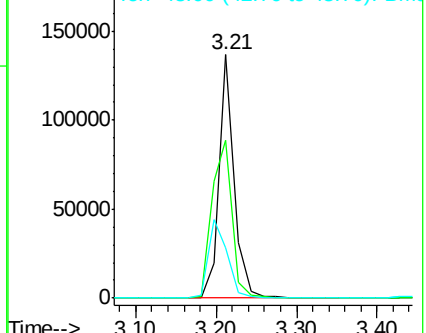
43 39.9 32.3 48.5

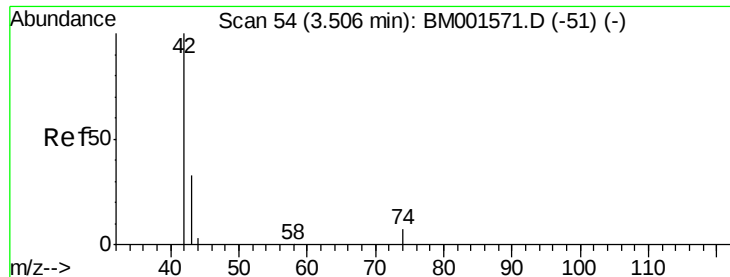


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 0.07 ng

RT: 3.43 min Scan# 49

Delta R.T. -0.08 min

Lab File: BM001590.D

Acq: 06 Jun 2015 12:16

Instrument :

BNA_M

ClientSampleId :

SS043MW011-150601

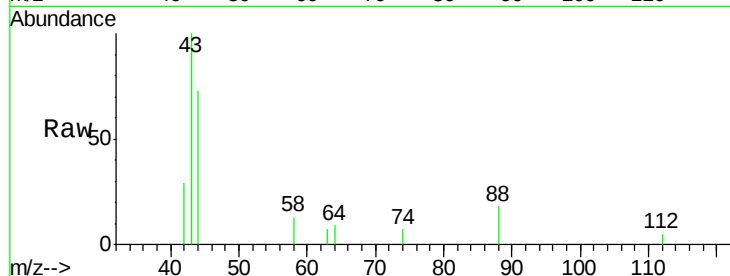
Tgt Ion: 42 Resp: 313

Ion Ratio Lower Upper

42 100

74 1.3 77.2 115.8#

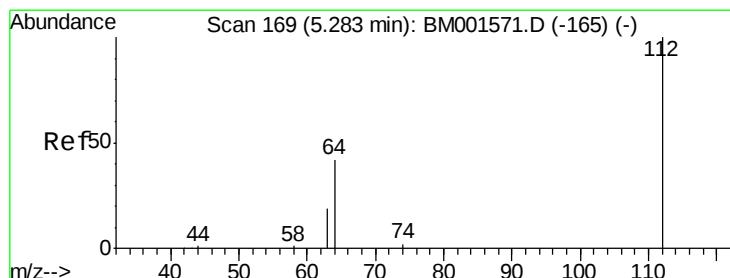
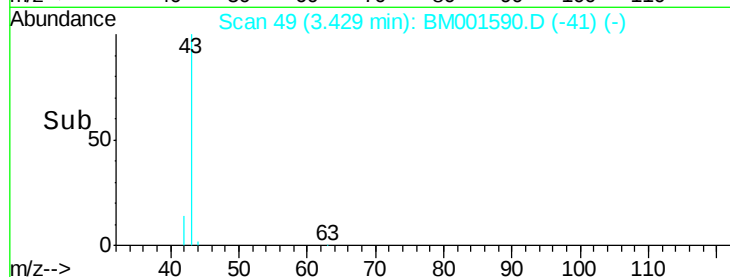
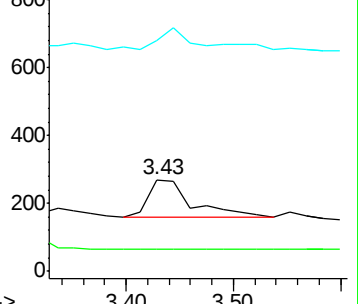
44 37.1 7.4 11.2#



Abundance Ion 42.00 (41.70 to 42.70): BM001571.D (-51) (-)

Ion 74.00 (73.70 to 74.70): BM001571.D (-51) (-)

Ion 44.00 (43.70 to 44.70): BM001571.D (-51) (-)



#4

2-Fluorophenol

Concen: 2.56 ng

RT: 5.28 min Scan# 169

Delta R.T. 0.02 min

Lab File: BM001590.D

Acq: 06 Jun 2015 12:16

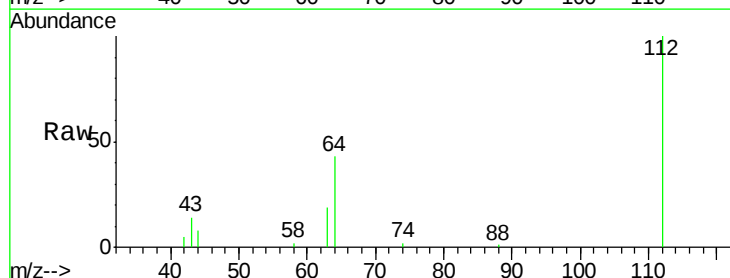
Tgt Ion: 112 Resp: 15629

Ion Ratio Lower Upper

112 100

64 68.4 53.3 79.9

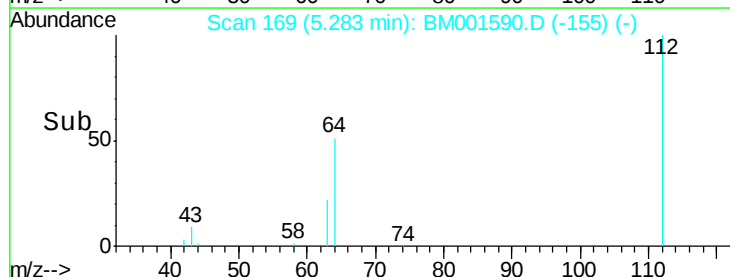
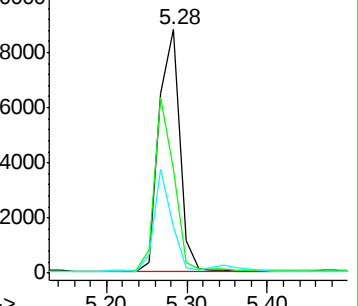
63 36.6 29.7 44.5

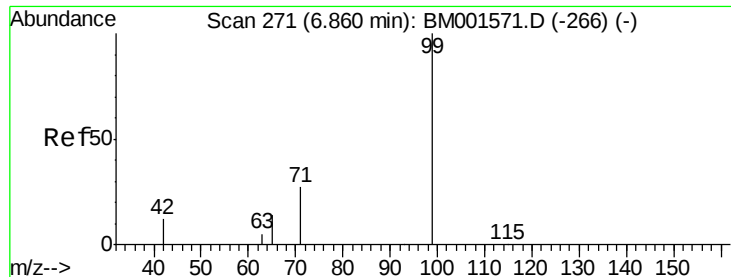


Abundance Ion 112.00 (111.70 to 112.70): BM001571.D (-165) (-)

Ion 64.00 (63.70 to 64.70): BM001571.D (-165) (-)

Ion 63.00 (62.70 to 63.70): BM001571.D (-165) (-)





#5

Phenol-d6

Concen: 1.76 ng

RT: 6.86 min Scan# 271

Delta R.T. 0.02 min

Lab File: BM001590.D

Acq: 06 Jun 2015 12:16

Instrument :

BNA_M

ClientSampleId :

SS043MW011-150601

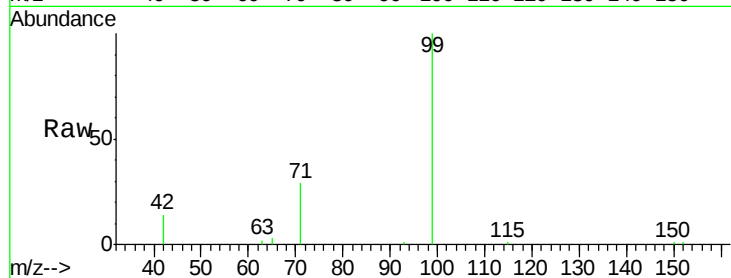
Tgt Ion: 99 Resp: 13233

Ion Ratio Lower Upper

99 100

42 25.8 21.4 32.2

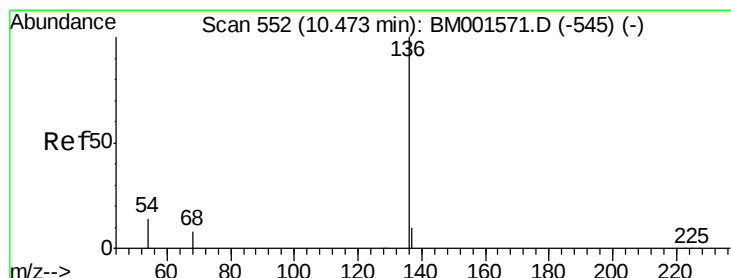
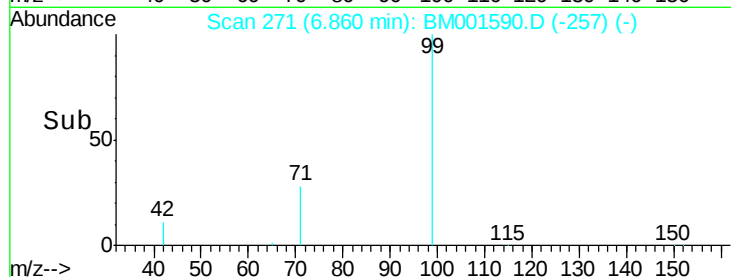
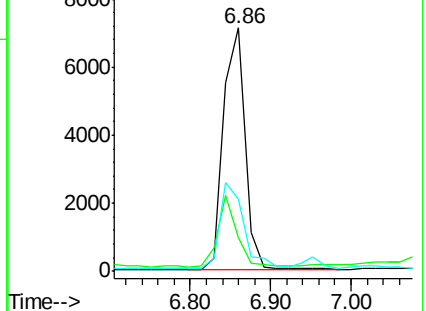
71 40.0 29.0 43.4



Abundance Ion 99.00 (98.70 to 99.70): BM001590.D (-257) (-)

Ion 42.00 (41.70 to 42.70): BM001590.D (-257) (-)

Ion 71.00 (70.70 to 71.70): BM001590.D (-257) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.47 min Scan# 552

Delta R.T. -0.00 min

Lab File: BM001590.D

Acq: 06 Jun 2015 12:16

Tgt Ion: 136 Resp: 99303

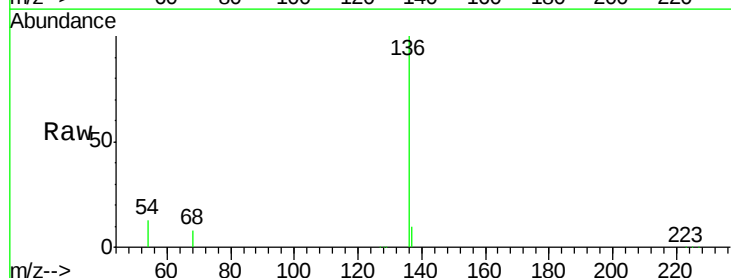
Ion Ratio Lower Upper

136 100

137 10.3 8.1 12.1

54 12.7 11.7 17.5

68 7.8 6.6 9.8

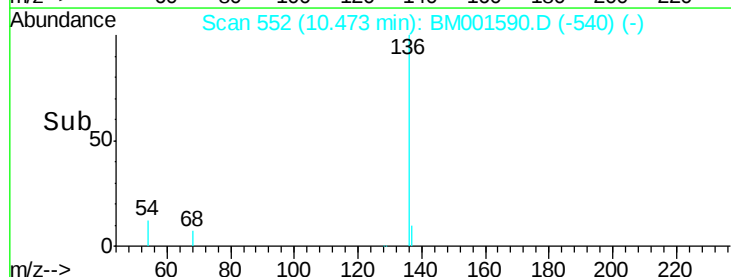
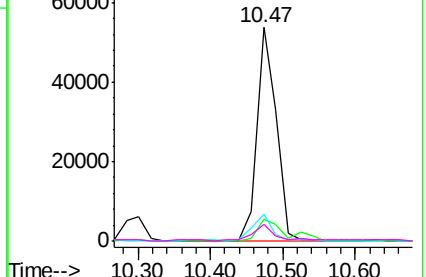


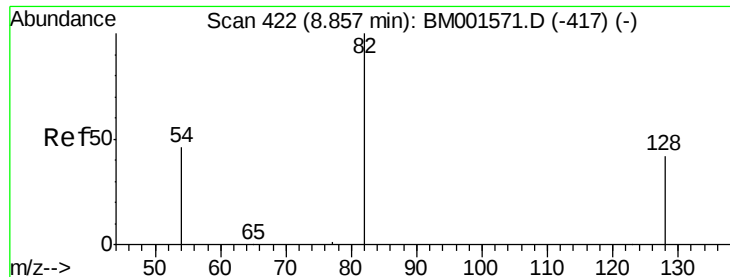
Abundance Ion 136.00 (135.70 to 136.70): BM001590.D (-540) (-)

Ion 137.00 (136.70 to 137.70): BM001590.D (-540) (-)

Ion 54.00 (53.70 to 54.70): BM001590.D (-540) (-)

Ion 68.00 (67.70 to 68.70): BM001590.D (-540) (-)





#7

Nitrobenzene-d5

Concen: 6.68 ng

RT: 8.85 min Scan# 421

Delta R.T. -0.00 min

Lab File: BM001590.D

Acq: 06 Jun 2015 12:16

Instrument :

BNA_M

ClientSampleId :

SS043MW011-150601

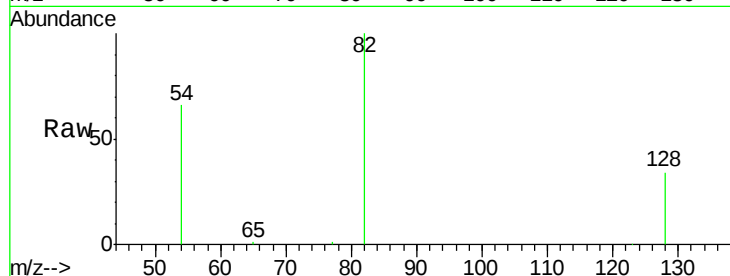
Tgt Ion: 82 Resp: 45196

Ion Ratio Lower Upper

82 100

128 33.6 34.1 51.1#

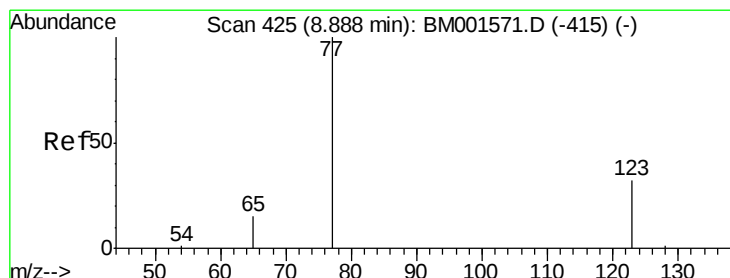
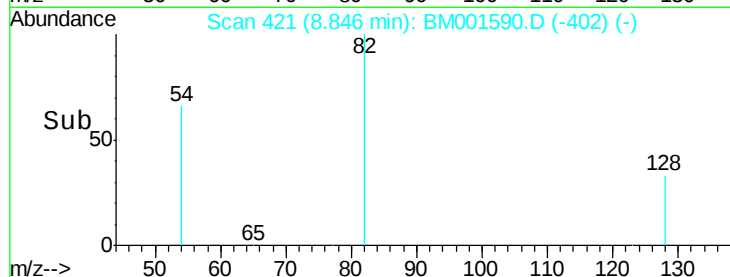
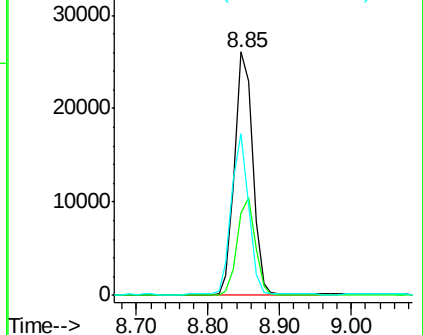
54 66.3 37.8 56.6#



Abundance Ion 82.00 (81.70 to 82.70): BM001590.D (-402) (-)

Ion 128.00 (127.70 to 128.70): BM001590.D (-402) (-)

Ion 54.00 (53.70 to 54.70): BM001590.D (-402) (-)



#8

Nitrobenzene

Concen: 0.11 ng

RT: 8.88 min Scan# 424

Delta R.T. -0.01 min

Lab File: BM001590.D

Acq: 06 Jun 2015 12:16

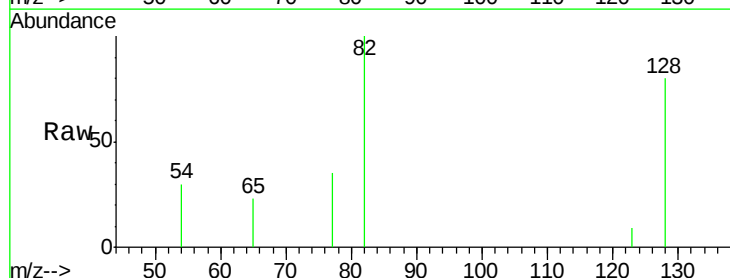
Tgt Ion: 77 Resp: 811

Ion Ratio Lower Upper

77 100

123 16.9 31.7 47.5#

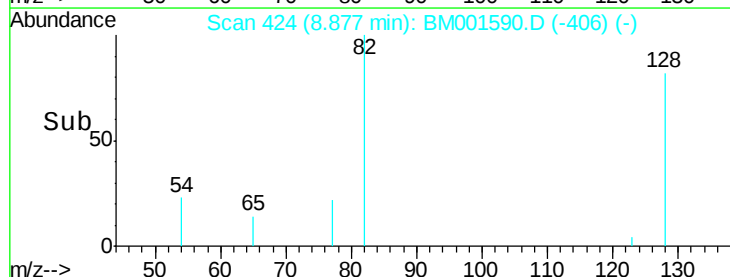
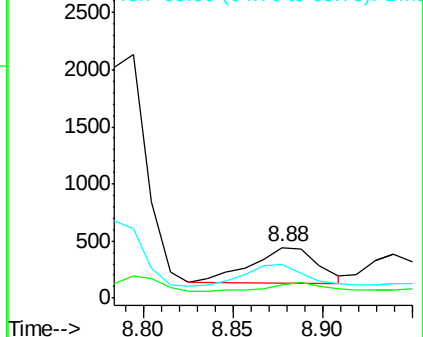
65 58.4 11.4 17.0#

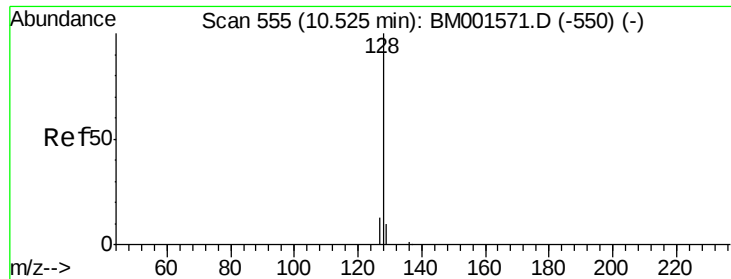


Abundance Ion 77.00 (76.70 to 77.70): BM001590.D (-406) (-)

Ion 123.00 (122.70 to 123.70): BM001590.D (-406) (-)

Ion 65.00 (64.70 to 65.70): BM001590.D (-406) (-)





#9

Naphthalene

Concen: 0.14 ng

RT: 10.52 min Scan# 555

Delta R.T. -0.00 min

Lab File: BM001590.D

Acq: 06 Jun 2015 12:16

Instrument :

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ClientSampleId :

SS043MW011-150601

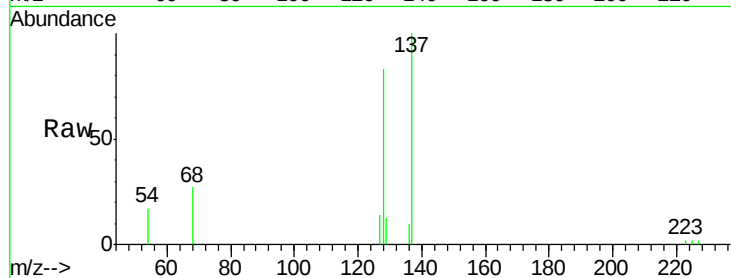
Tgt Ion:128 Resp: 2917

Ion Ratio Lower Upper

128 100

129 15.6 8.7 13.1#

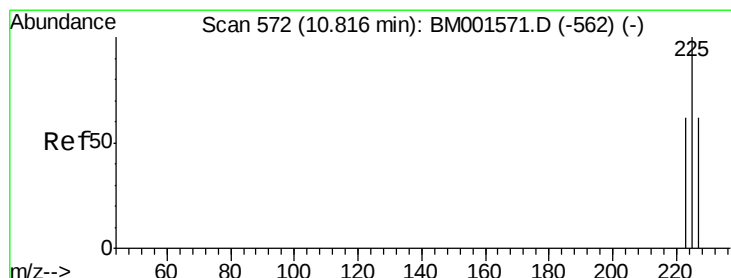
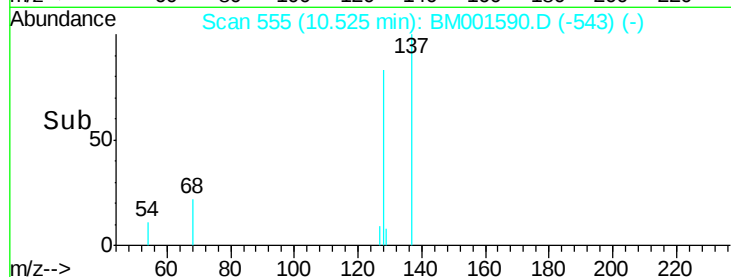
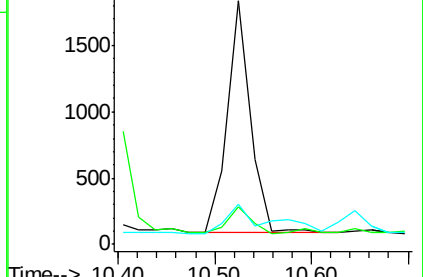
127 16.6 10.7 16.1#



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: 0.00 ng

RT: 10.82 min Scan# 572

Delta R.T. -0.00 min

Lab File: BM001590.D

Acq: 06 Jun 2015 12:16

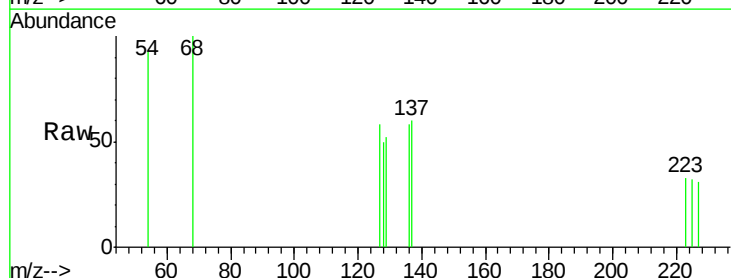
Tgt Ion:225 Resp: 1

Ion Ratio Lower Upper

225 100

223 0.0 50.4 75.6#

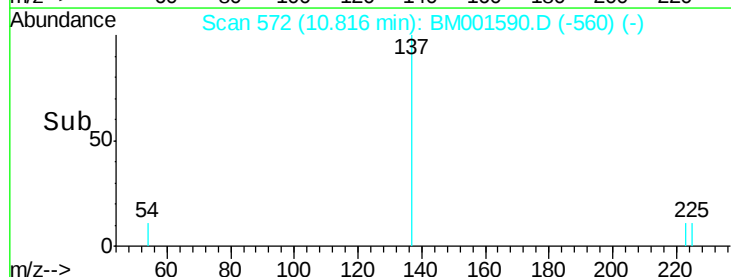
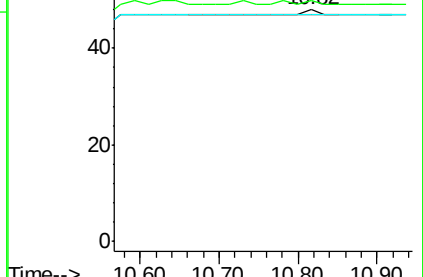
227 0.0 50.8 76.2#

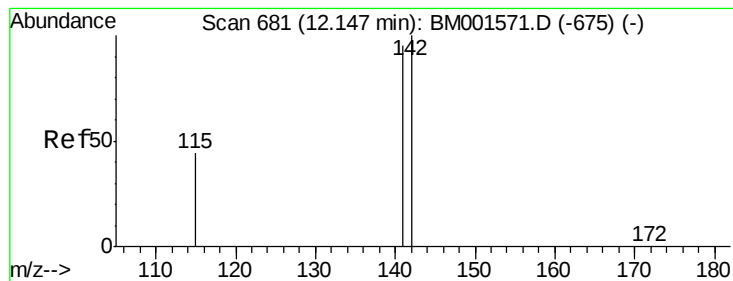


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 0.10 ng

RT: 12.15 min Scan# 681

Delta R.T. -0.00 min

Lab File: BM001590.D

Acq: 06 Jun 2015 12:16

Instrument :

BNA_M

ClientSampleId :

SS043MW011-150601

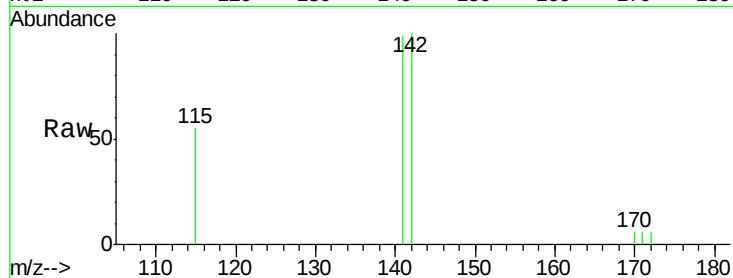
Tgt Ion:142 Resp: 1284

Ion Ratio Lower Upper

142 100

141 99.4 75.6 113.4

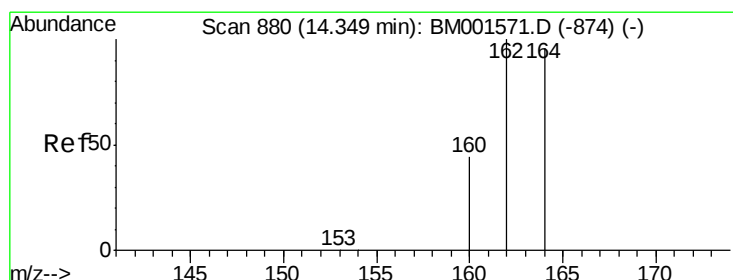
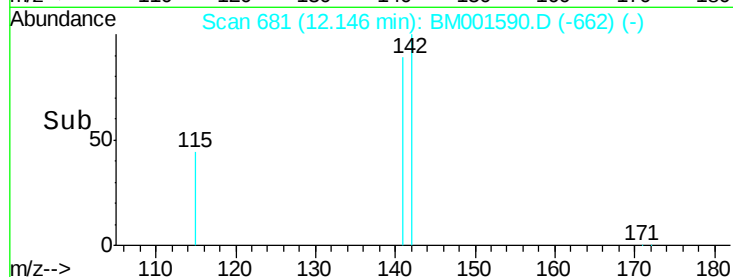
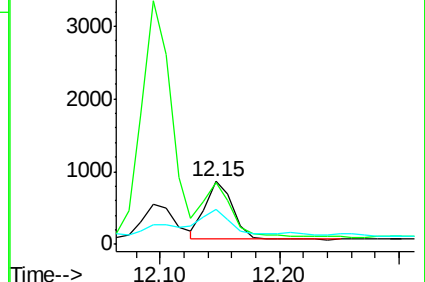
115 55.5 35.5 53.3#



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: 14.35 min Scan# 880

Delta R.T. -0.00 min

Lab File: BM001590.D

Acq: 06 Jun 2015 12:16

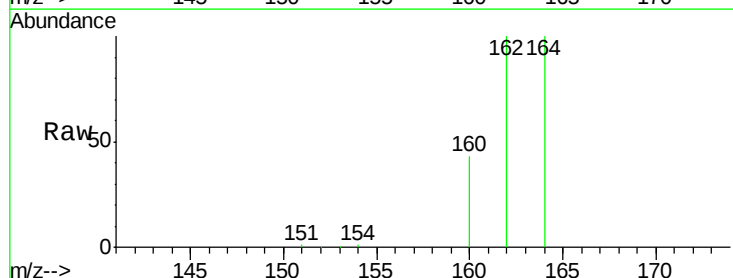
Tgt Ion:164 Resp: 44805

Ion Ratio Lower Upper

164 100

162 100.5 83.8 125.6

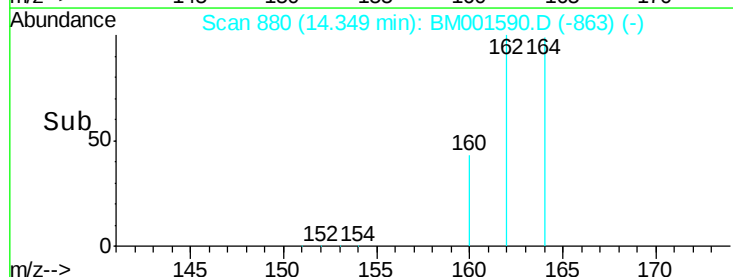
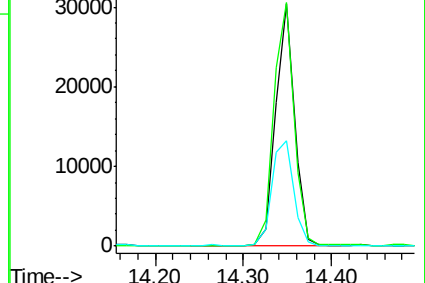
160 43.5 37.1 55.7

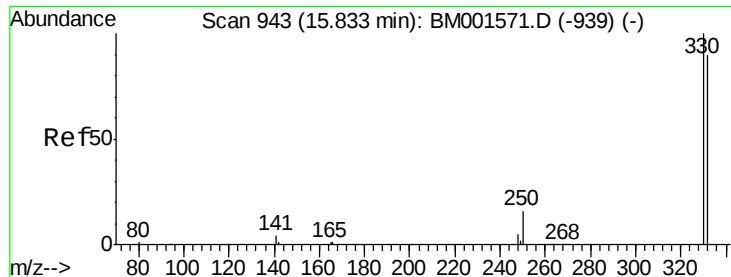


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

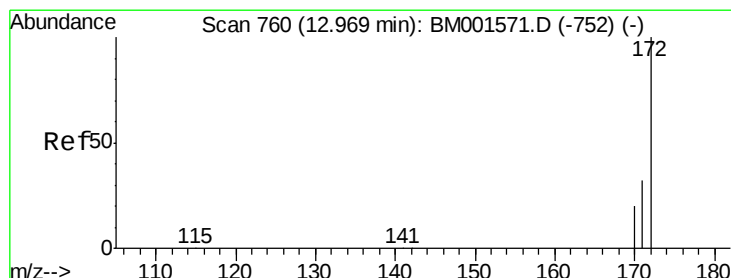
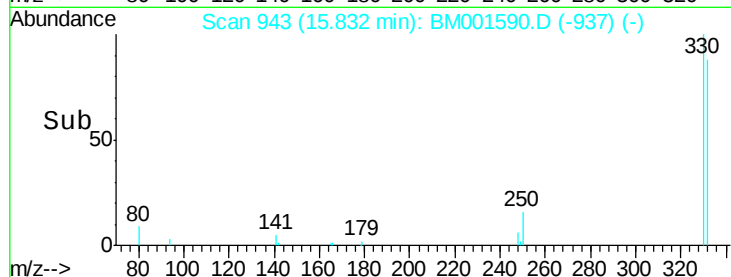
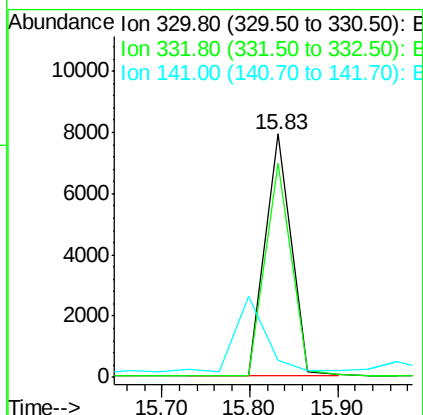
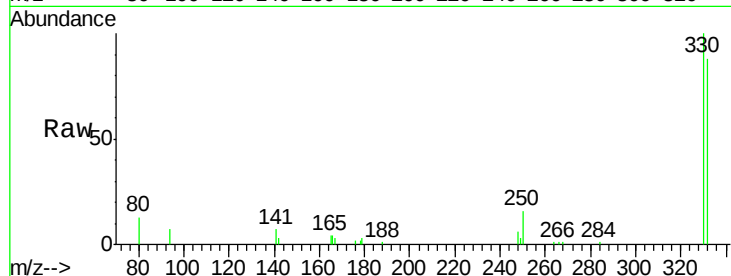




#13
 2,4,6-Tribromophenol
 Concen: 7.70 ng
 RT: 15.83 min Scan# 943
 Delta R.T. -0.00 min
 Lab File: BM001590.D
 Acq: 06 Jun 2015 12:16

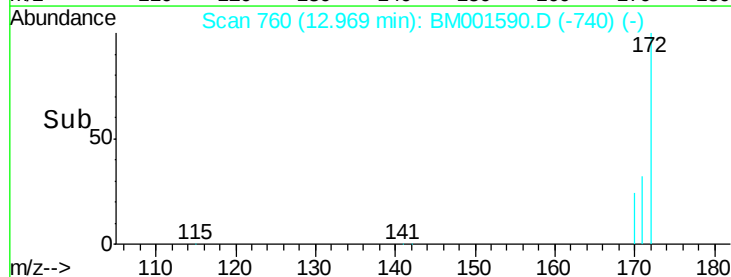
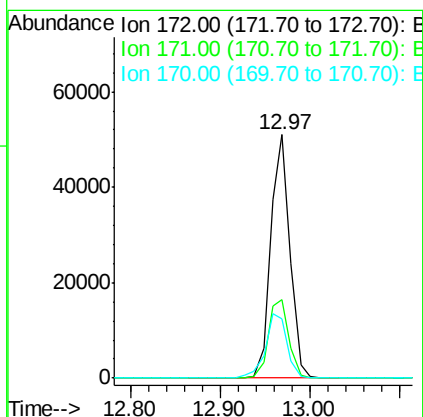
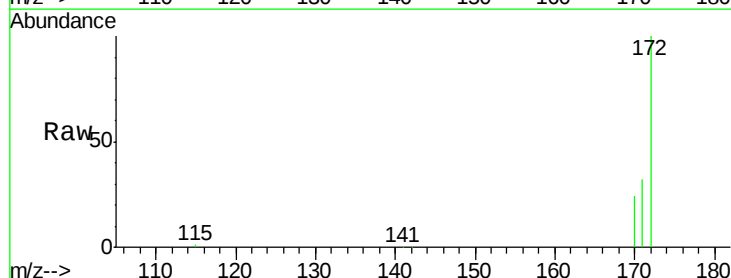
Instrument :
 BNA_M
 ClientSampleId :
 SS043MW011-150601

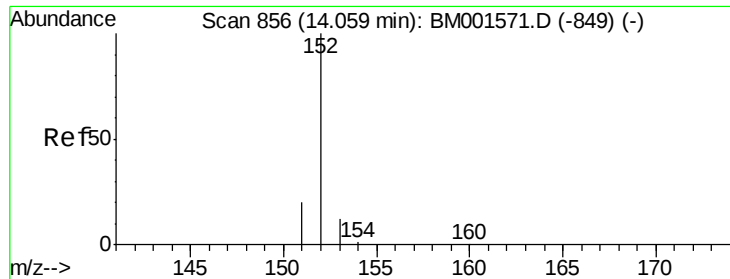
Tgt Ion: 330 Resp: 16473
 Ion Ratio Lower Upper
 330 100
 332 88.7 72.0 108.0
 141 0.0 0.0 0.0



#14
 2-Fluorobiphenyl
 Concen: 5.51 ng
 RT: 12.97 min Scan# 760
 Delta R.T. 0.01 min
 Lab File: BM001590.D
 Acq: 06 Jun 2015 12:16

Tgt Ion: 172 Resp: 76078
 Ion Ratio Lower Upper
 172 100
 171 32.4 26.2 39.2
 170 24.4 16.1 24.1#





#15

Acenaphthylene

Concen: 0.01 ng

RT: 14.06 min Scan# 856

Delta R.T. -0.00 min

Lab File: BM001590.D

Acq: 06 Jun 2015 12:16

Instrument :

BNA_M

ClientSampleId :

SS043MW011-150601

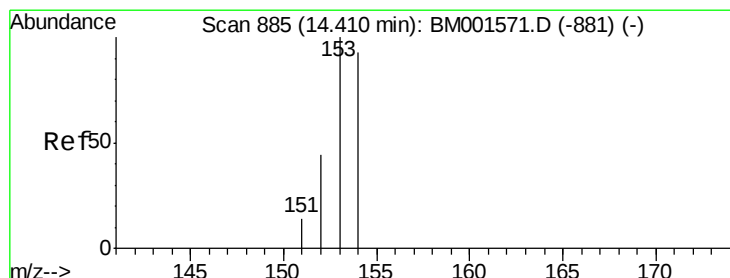
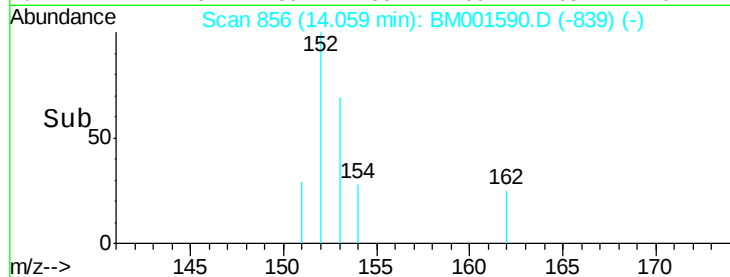
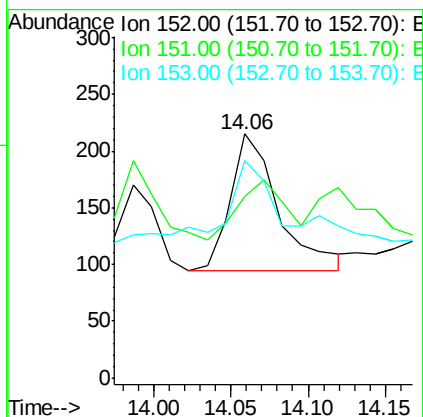
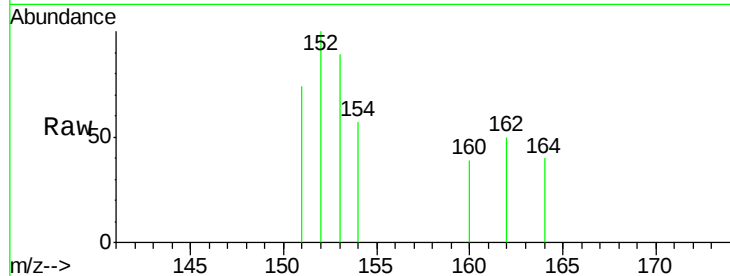
Tgt Ion:152 Resp: 257

Ion Ratio Lower Upper

152 100

151 42.4 15.2 22.8#

153 61.5 10.3 15.5#



#16

Acenaphthene

Concen: 1.59 ng

RT: 14.41 min Scan# 885

Delta R.T. -0.00 min

Lab File: BM001590.D

Acq: 06 Jun 2015 12:16

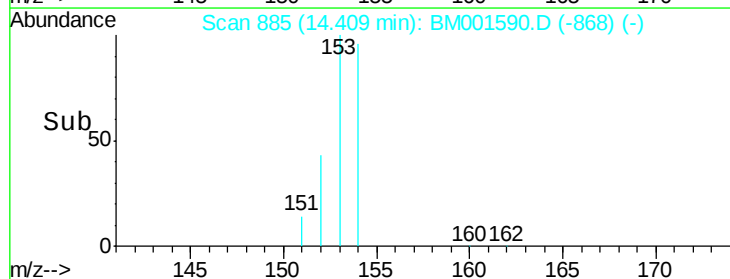
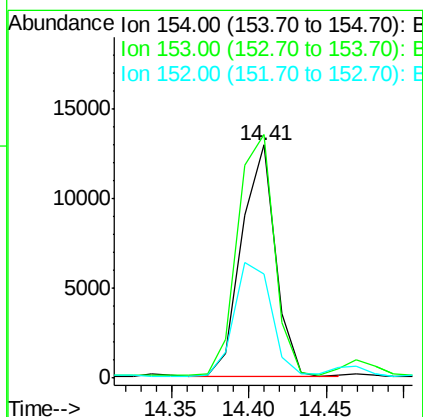
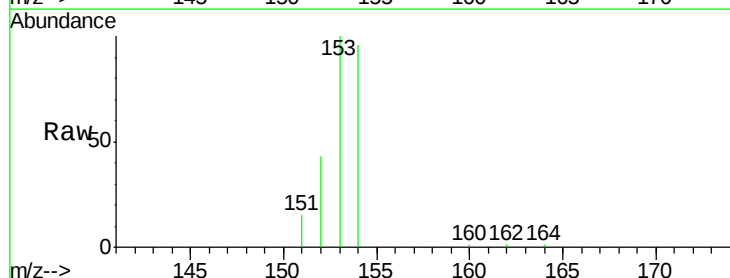
Tgt Ion:154 Resp: 19380

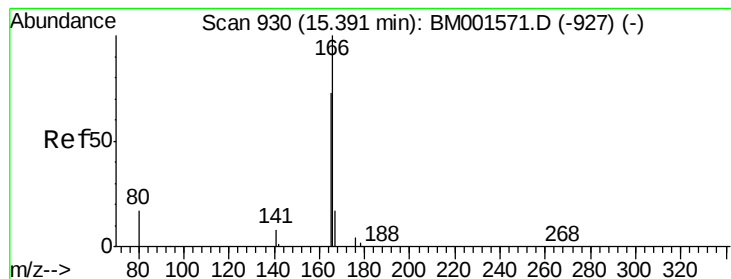
Ion Ratio Lower Upper

154 100

153 114.1 89.1 133.7

152 54.9 43.2 64.8





#17

Fluorene

Concen: 0.95 ng

RT: 15.36 min Scan# 929

Delta R.T. -0.00 min

Lab File: BM001590.D

Acq: 06 Jun 2015 12:16

Instrument :

BNA_M

ClientSampleId :

SS043MW011-150601

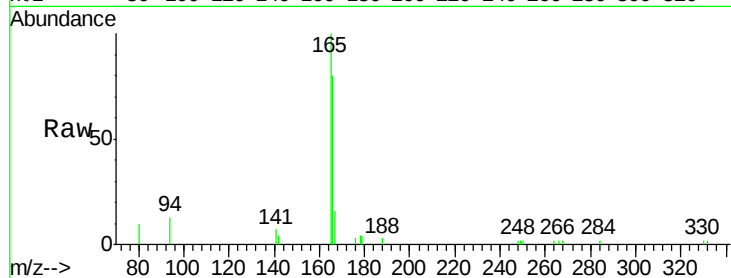
Tgt Ion:166 Resp: 7476

Ion Ratio Lower Upper

166 100

165 97.0 0.0 0.0#

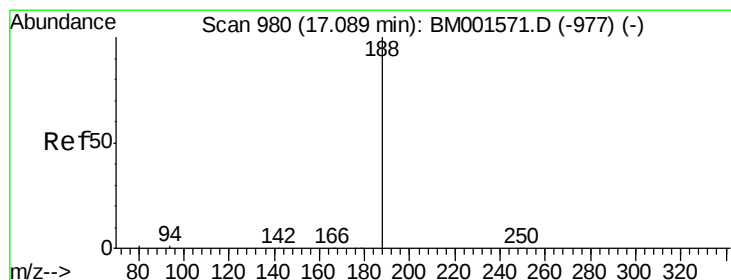
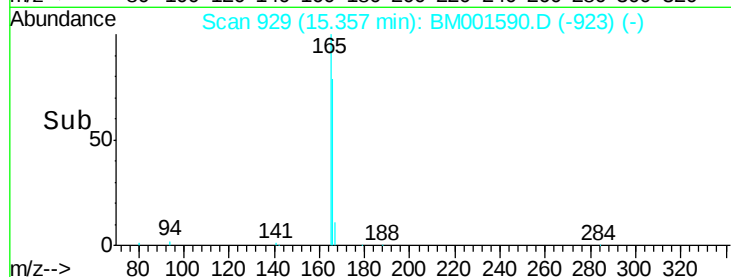
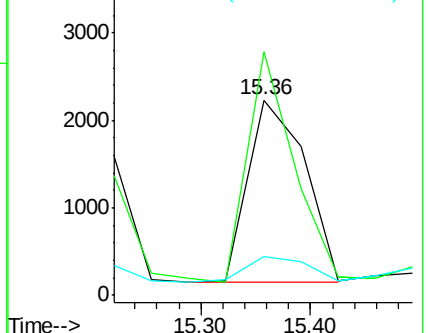
167 15.4 11.3 16.9



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: 17.09 min Scan# 980

Delta R.T. -0.00 min

Lab File: BM001590.D

Acq: 06 Jun 2015 12:16

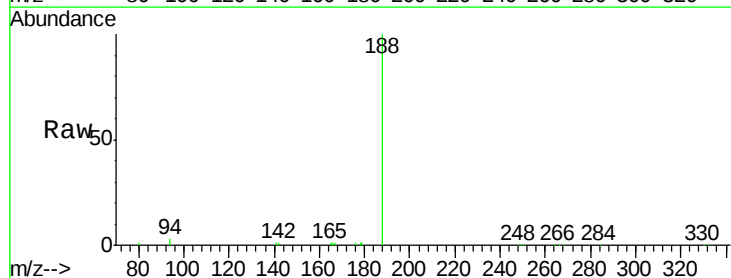
Tgt Ion:188 Resp: 63105

Ion Ratio Lower Upper

188 100

94 2.7 0.7 1.1#

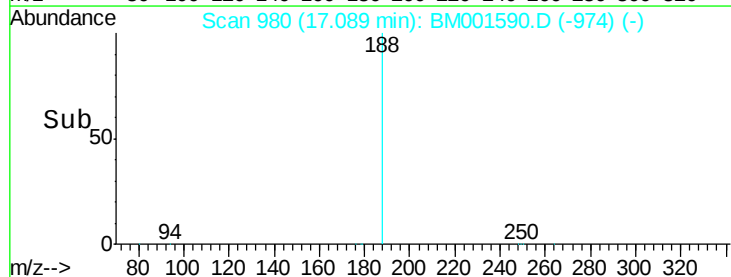
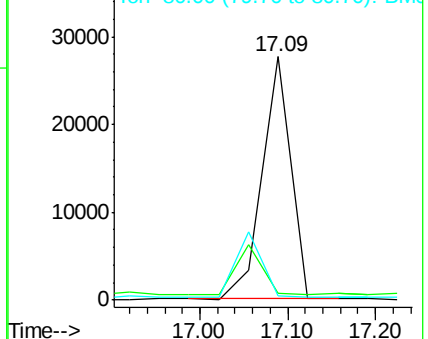
80 1.5 0.6 1.0#

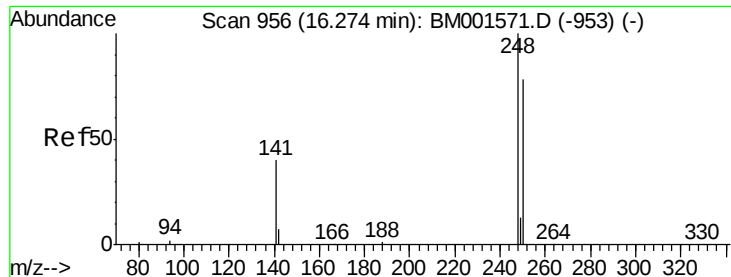


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

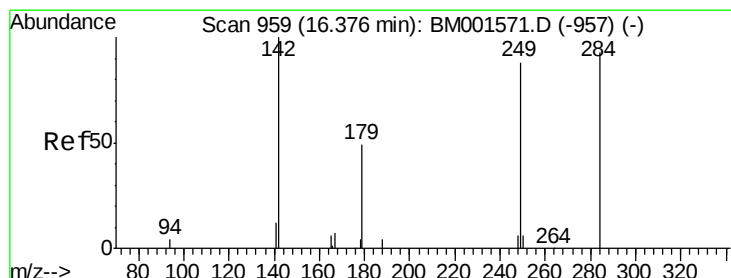
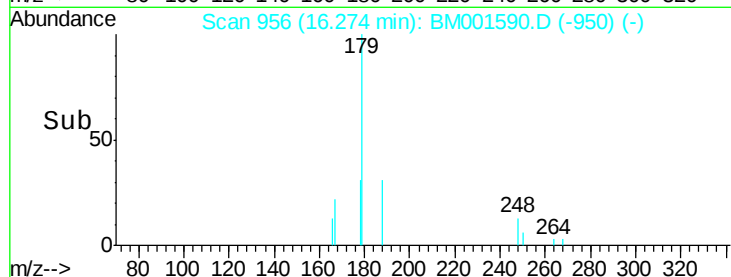
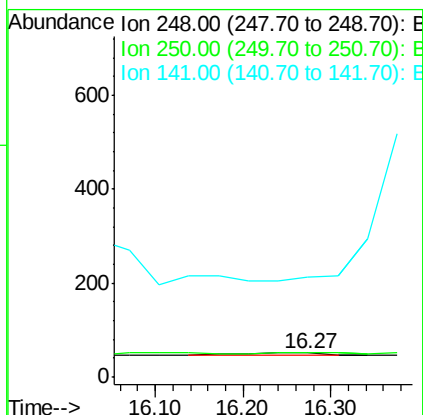
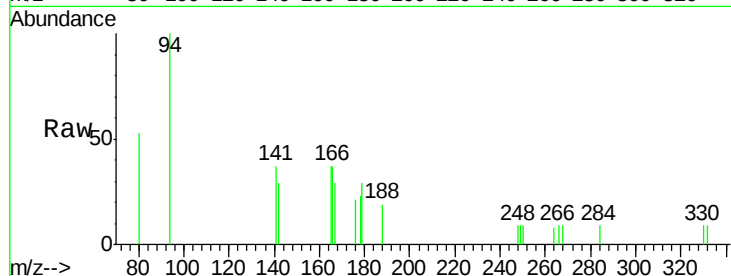




#19
4-Bromophenyl-phenylether
Concen: 0.08 ng
RT: 16.27 min Scan# 956
Delta R.T. 0.00 min
Lab File: BM001590.D
Acq: 06 Jun 2015 12:16

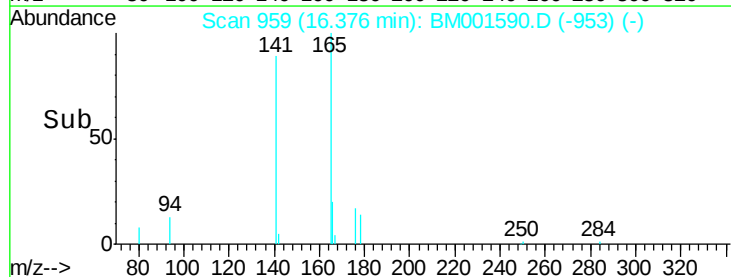
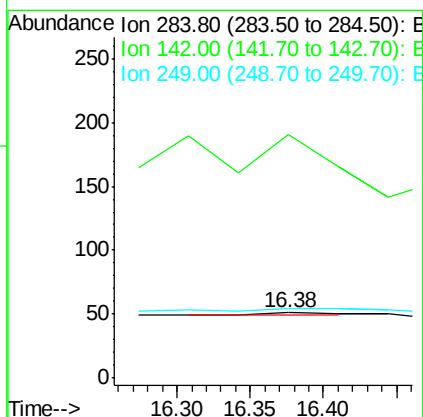
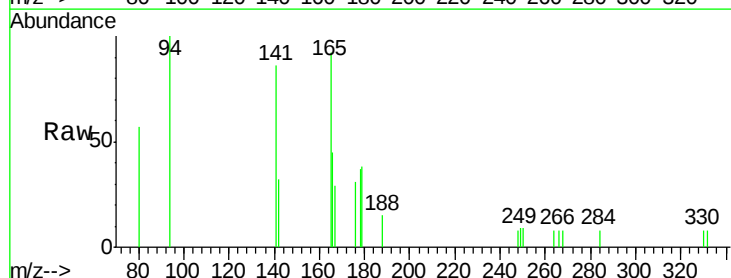
Instrument :
BNA_M
ClientSampleId :
SS043MW011-150601

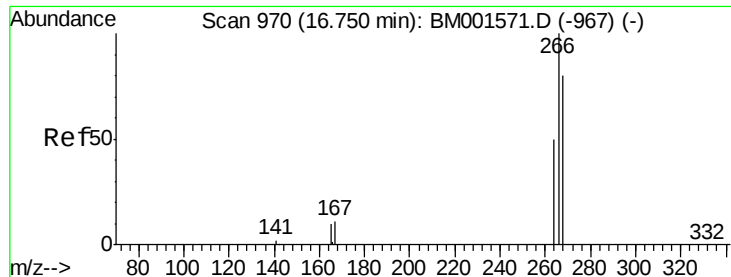
Tgt Ion: 248 Resp: 18
Ion Ratio Lower Upper
248 100
250 55.6 63.1 94.7#
141 0.0 35.0 52.6#



#20
Hexachlorobenzene
Concen: 0.00 ng
RT: 16.38 min Scan# 959
Delta R.T. -0.00 min
Lab File: BM001590.D
Acq: 06 Jun 2015 12:16

Tgt Ion: 284 Resp: 6
Ion Ratio Lower Upper
284 100
142 4750.0 64.2 96.2#
249 200.0 55.4 83.0#

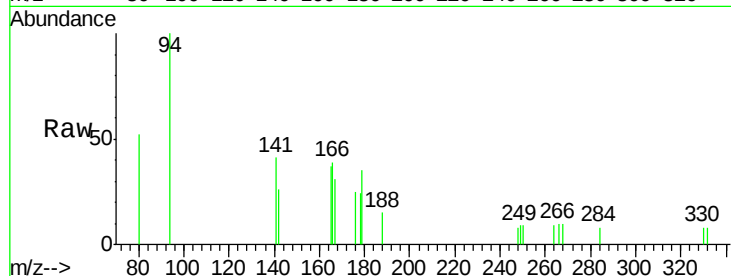




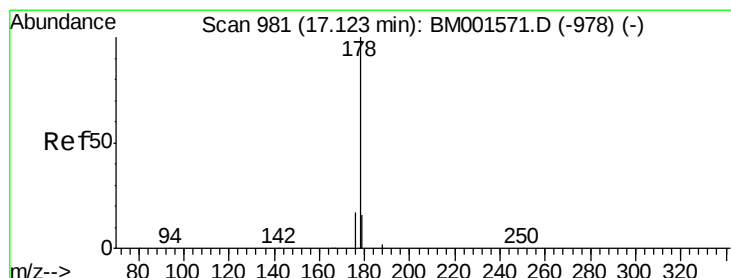
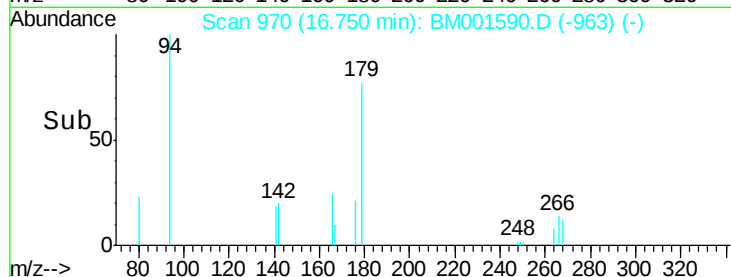
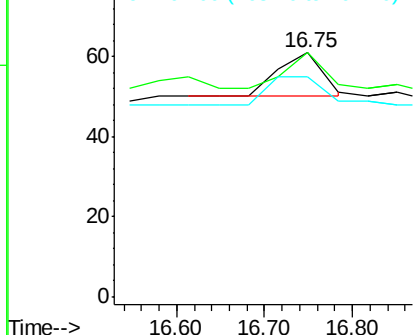
#21
Pentachlorophenol
Concen: 0.03 ng
RT: 16.75 min Scan# 970
Delta R.T. 0.03 min
Lab File: BM001590.D
Acq: 06 Jun 2015 12:16

Instrument :
BNA_M
ClientSampleId :
SS043MW011-150601

Tgt Ion:266 Resp: 39
Ion Ratio Lower Upper
266 100
268 100.0 66.3 99.5#
264 90.2 45.5 68.3#

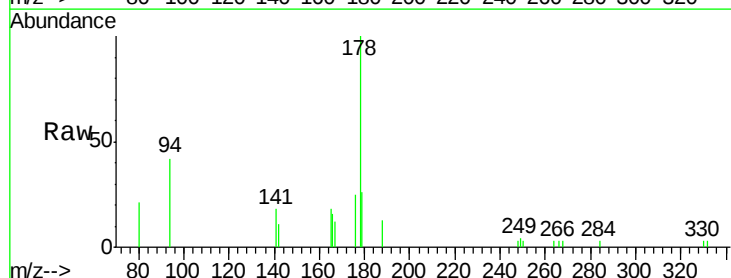


Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

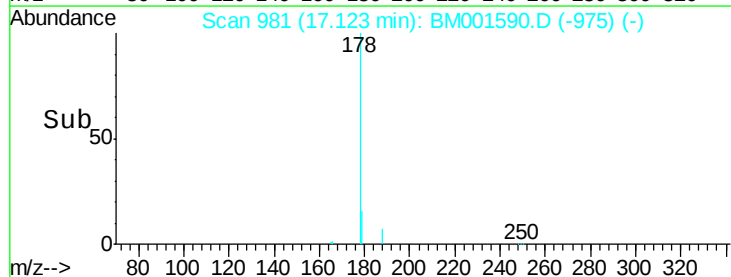
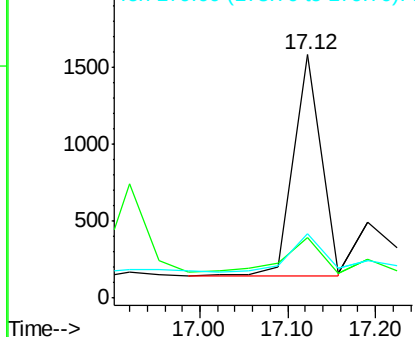


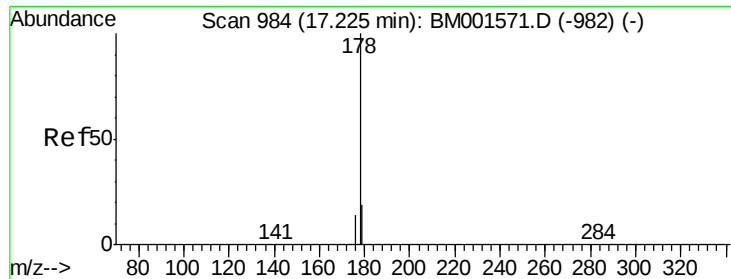
#22
Phenanthrene
Concen: 0.14 ng
RT: 17.12 min Scan# 981
Delta R.T. -0.00 min
Lab File: BM001590.D
Acq: 06 Jun 2015 12:16

Tgt Ion:178 Resp: 3088
Ion Ratio Lower Upper
178 100
176 22.1 13.5 20.3#
179 20.7 13.3 19.9#



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: 0.47 ng

RT: 17.12 min Scan# 981

Delta R.T. -0.07 min

Lab File: BM001590.D

Acq: 06 Jun 2015 12:16

Instrument :

BNA_M

ClientSampleId :

SS043MW011-150601

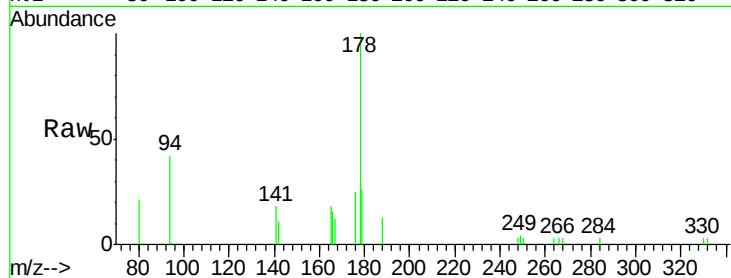
Tgt Ion:178 Resp: 4323

Ion Ratio Lower Upper

178 100

176 16.7 45.9 68.9#

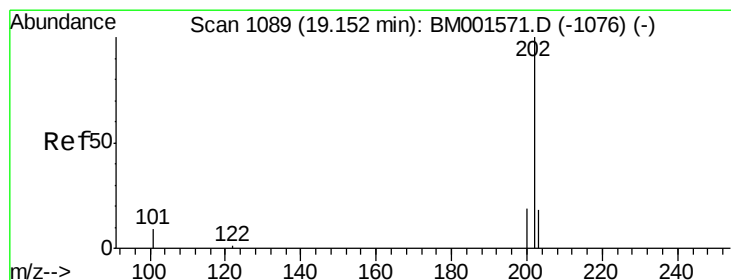
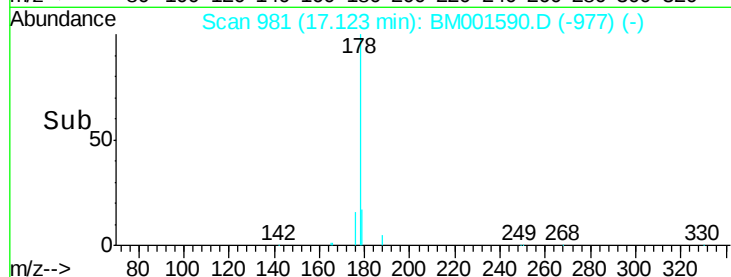
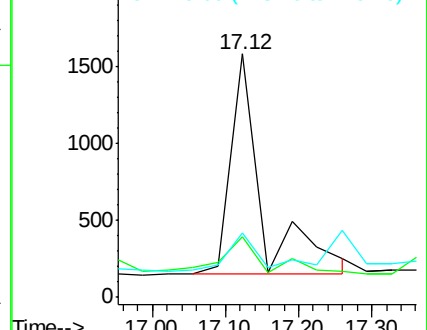
179 18.7 33.3 49.9#



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: 0.26 ng

RT: 19.15 min Scan# 1089

Delta R.T. -0.00 min

Lab File: BM001590.D

Acq: 06 Jun 2015 12:16

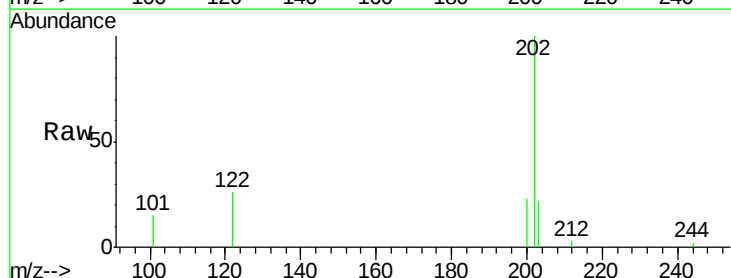
Tgt Ion:202 Resp: 4434

Ion Ratio Lower Upper

202 100

101 25.1 10.0 15.0#

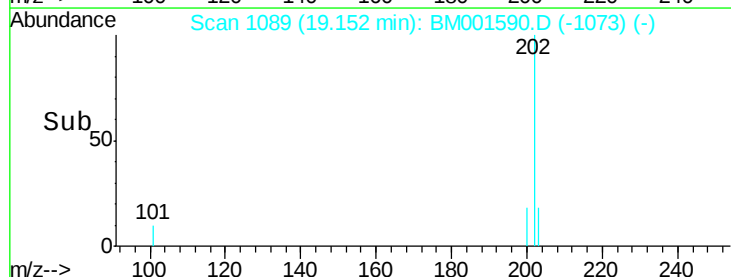
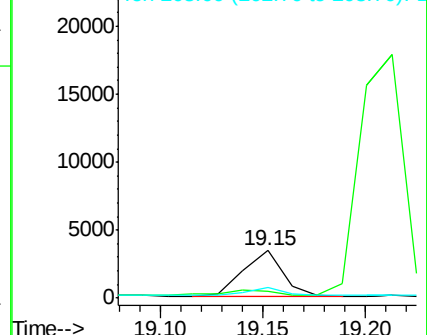
203 16.7 13.9 20.9

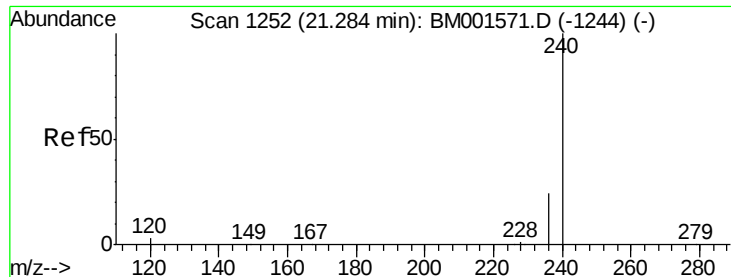


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.28 min Scan# 1252

Delta R.T. -0.00 min

Lab File: BM001590.D

Acq: 06 Jun 2015 12:16

Instrument :

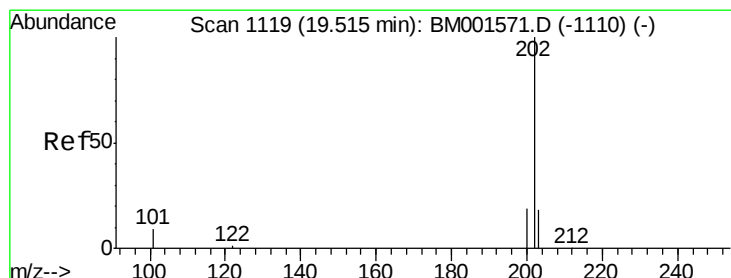
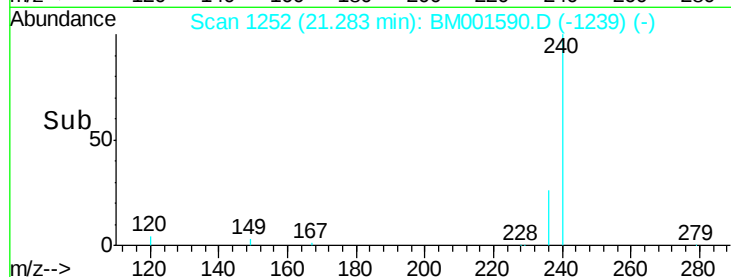
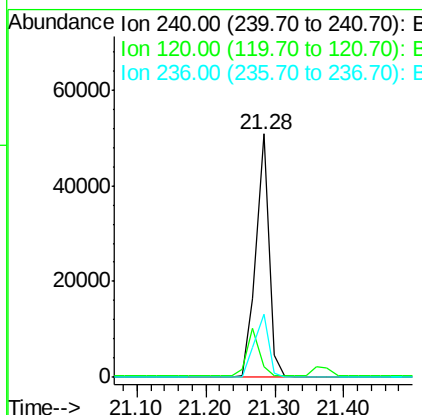
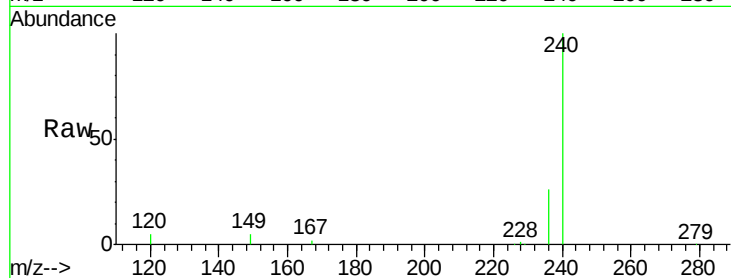
BNA_M

ClientSampleId :

SS043MW011-150601

Tgt Ion:240 Resp: 67204

Ion	Ratio	Lower	Upper
240	100		
120	4.6	2.2	3.2#
236	25.9	19.5	29.3



#26

Pyrene

Concen: 0.14 ng

RT: 19.52 min Scan# 1119

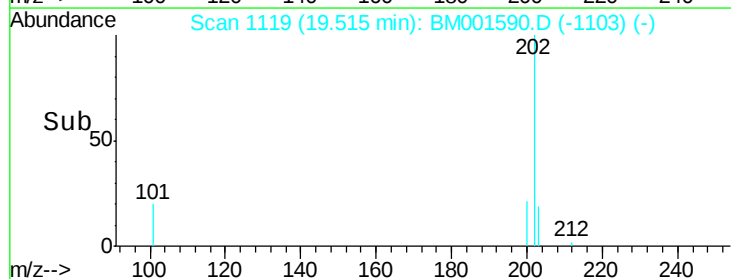
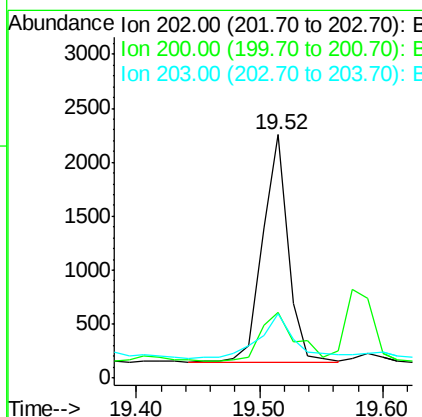
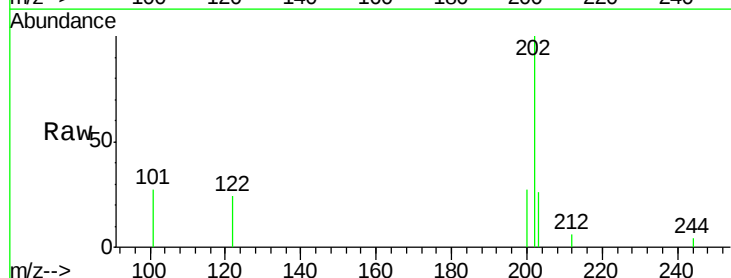
Delta R.T. -0.00 min

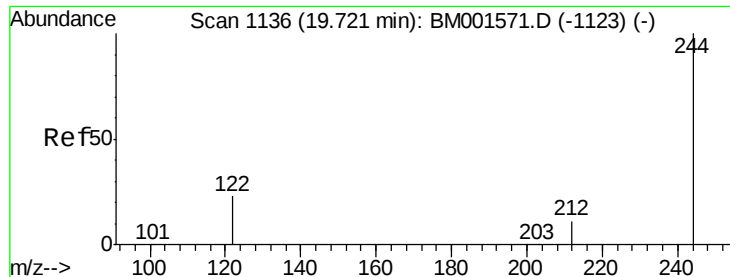
Lab File: BM001590.D

Acq: 06 Jun 2015 12:16

Tgt Ion:202 Resp: 3041

Ion	Ratio	Lower	Upper
202	100		
200	31.2	16.6	24.8#
203	26.4	13.9	20.9#





#27

Terphenyl-d14

Concen: 6.14 ng

RT: 19.72 min Scan# 1136

Delta R.T. -0.00 min

Lab File: BM001590.D

Acq: 06 Jun 2015 12:16

Instrument :

BNA_M

ClientSampleId :

SS043MW011-150601

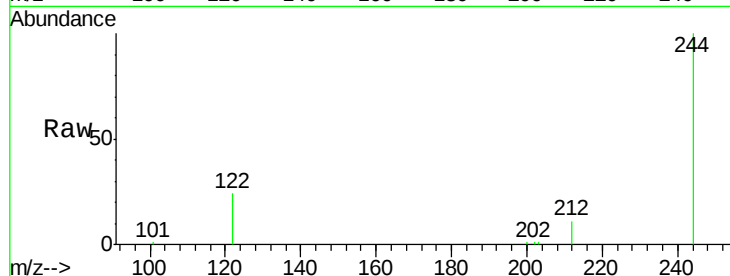
Tgt Ion:244 Resp: 53310

Ion Ratio Lower Upper

244 100

212 11.5 9.6 14.4

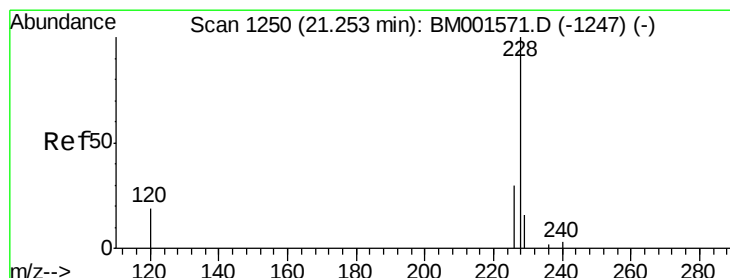
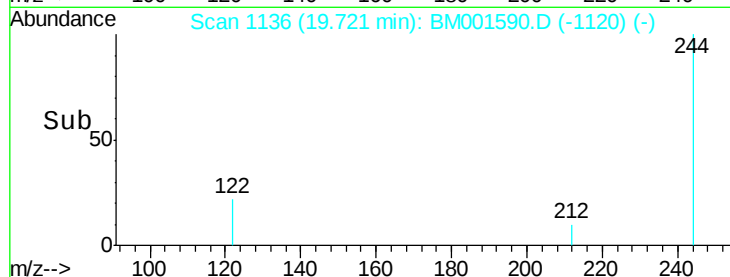
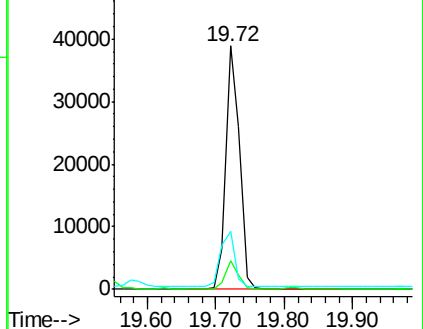
122 24.0 19.0 28.4



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: 0.04 ng

RT: 21.27 min Scan# 1251

Delta R.T. 0.02 min

Lab File: BM001590.D

Acq: 06 Jun 2015 12:16

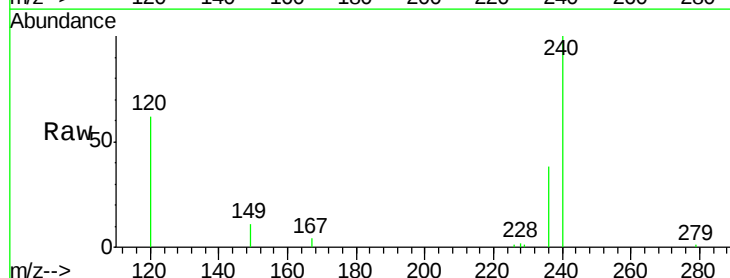
Tgt Ion:228 Resp: 804

Ion Ratio Lower Upper

228 100

226 44.2 24.8 37.2#

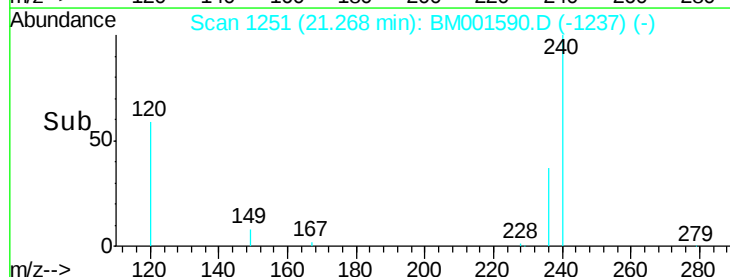
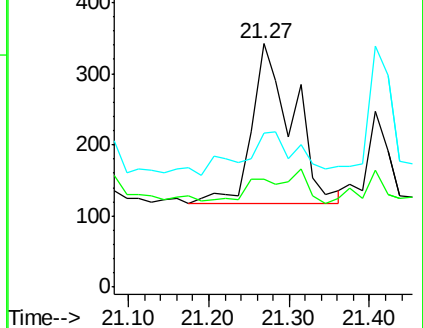
229 63.5 13.4 20.0#

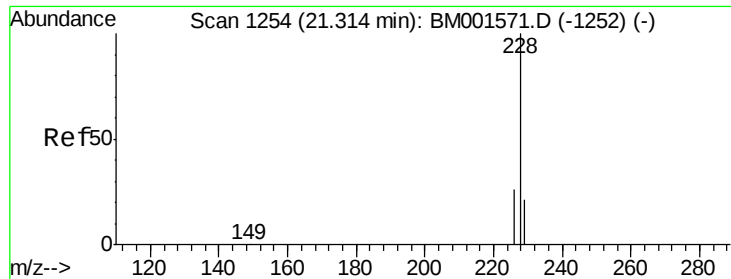


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Chrysene

Concen: 0.04 ng

RT: 21.27 min Scan# 1251

Delta R.T. -0.05 min

Lab File: BM001590.D

Acq: 06 Jun 2015 12:16

Instrument :

BNA_M

ClientSampleId :

SS043MW011-150601

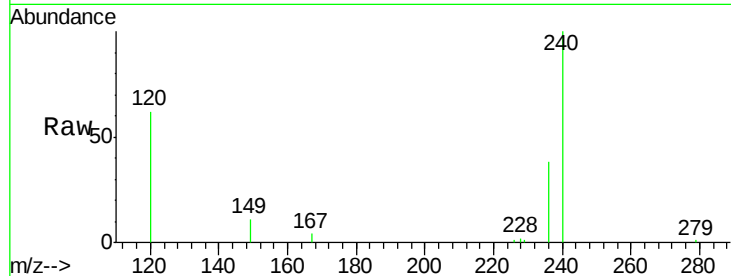
Tgt Ion: 228 Resp: 804

Ion Ratio Lower Upper

228 100

226 44.2 21.0 31.6#

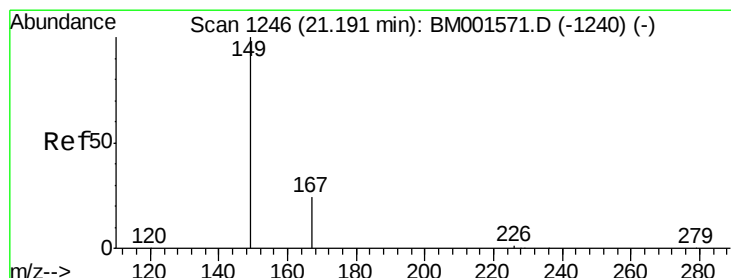
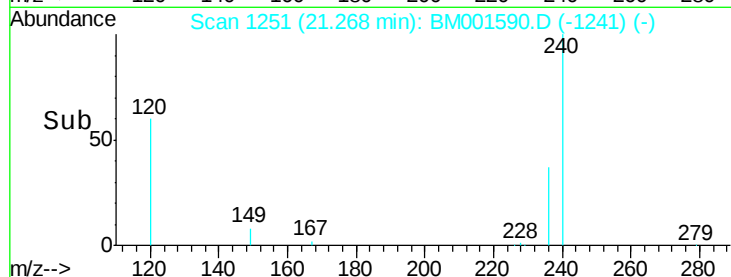
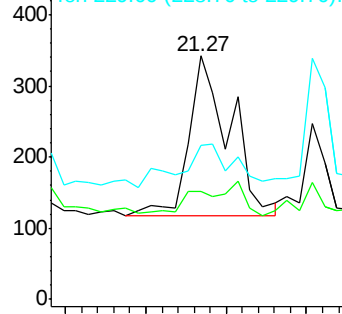
229 63.5 17.2 25.8#



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: 0.95 ng

RT: 21.19 min Scan# 1246

Delta R.T. -0.00 min

Lab File: BM001590.D

Acq: 06 Jun 2015 12:16

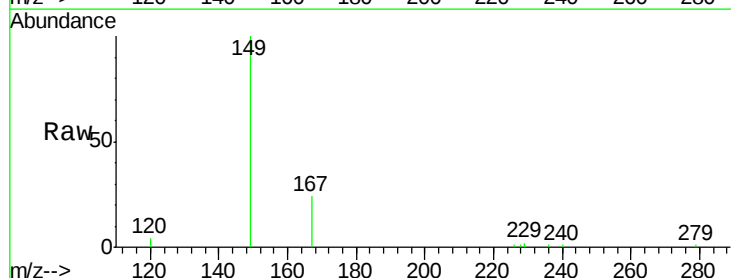
Tgt Ion: 149 Resp: 10844

Ion Ratio Lower Upper

149 100

167 22.9 20.2 30.2

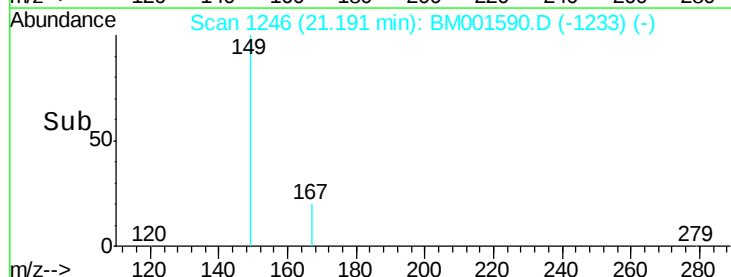
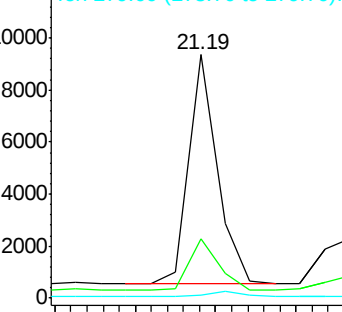
279 2.4 1.8 2.6

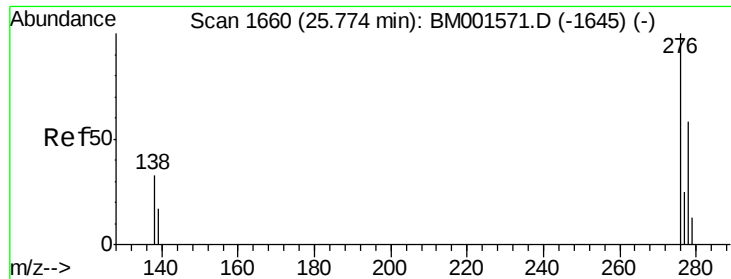


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#31

Indeno(1,2,3-cd)pyrene

Concen: 0.03 ng

RT: 25.77 min Scan# 1660

Delta R.T. 0.01 min

Lab File: BM001590.D

Acq: 06 Jun 2015 12:16

Instrument :

BNA_M

ClientSampleId :

SS043MW011-150601

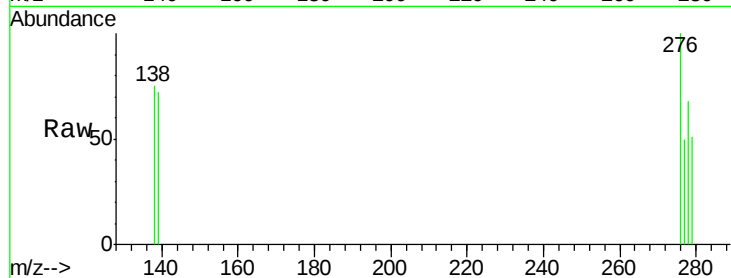
Tgt Ion:276 Resp: 496

Ion Ratio Lower Upper

276 100

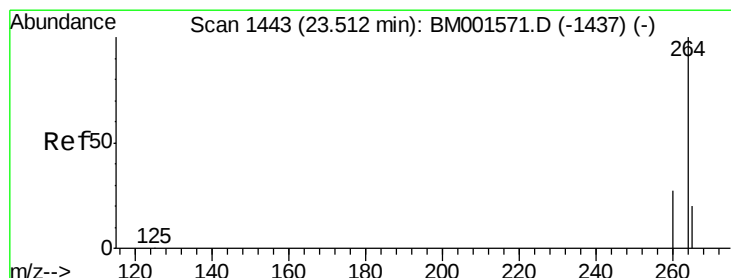
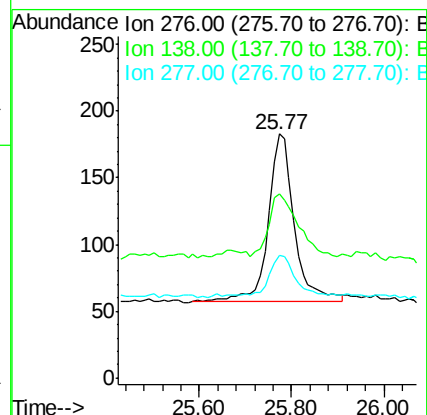
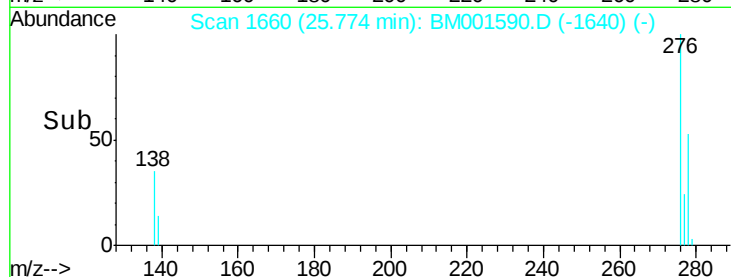
138 40.9 28.0 42.0

277 24.8 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

25.77



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.52 min Scan# 1444

Delta R.T. 0.01 min

Lab File: BM001590.D

Acq: 06 Jun 2015 12:16

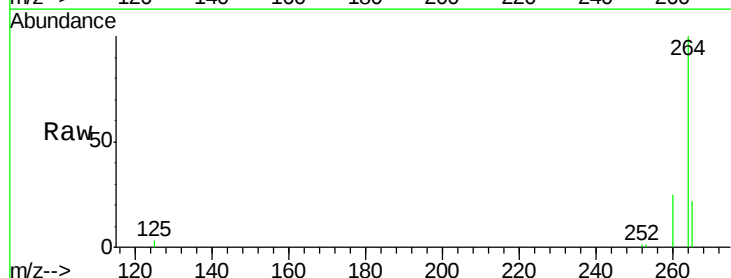
Tgt Ion:264 Resp: 62233

Ion Ratio Lower Upper

264 100

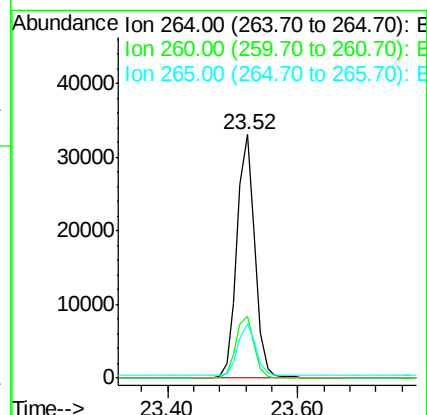
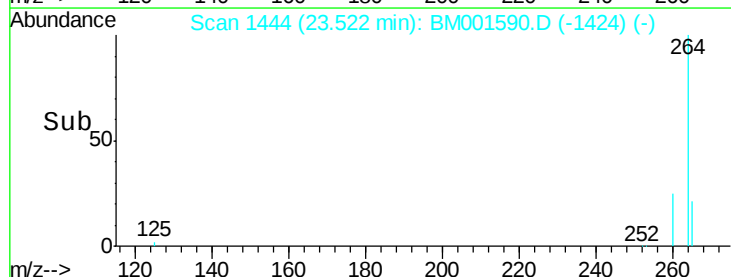
260 25.3 21.6 32.4

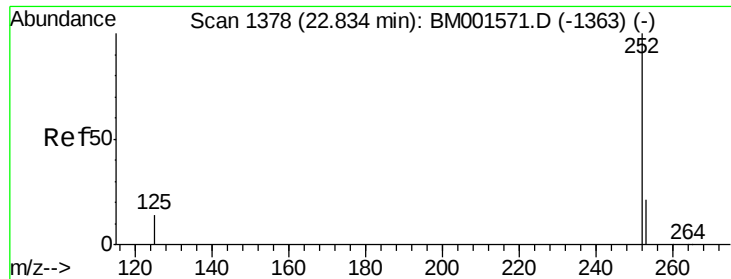
265 22.3 16.5 24.7



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

23.52





#33

Benzo(b)fluoranthene

Concen: 0.01 ng

RT: 22.84 min Scan# 1379

Delta R.T. 0.01 min

Lab File: BM001590.D

Acq: 06 Jun 2015 12:16

Instrument :

BNA_M

ClientSampleId :

SS043MW011-150601

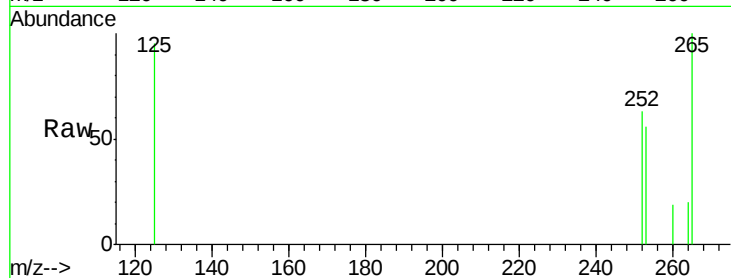
Tgt Ion: 252 Resp: 251

Ion Ratio Lower Upper

252 100

253 88.8 17.4 26.2#

125 151.1 11.8 17.8#

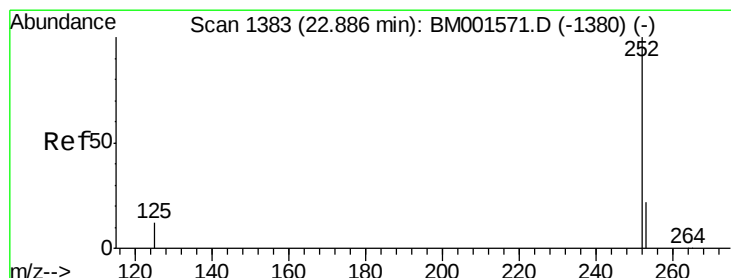
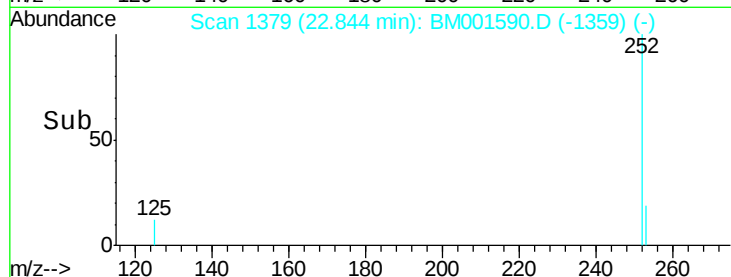
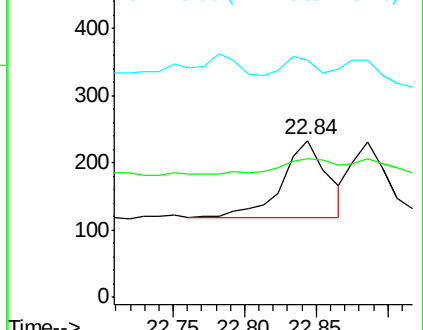


Abundance

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: 0.01 ng

RT: 22.89 min Scan# 1383

Delta R.T. 0.01 min

Lab File: BM001590.D

Acq: 06 Jun 2015 12:16

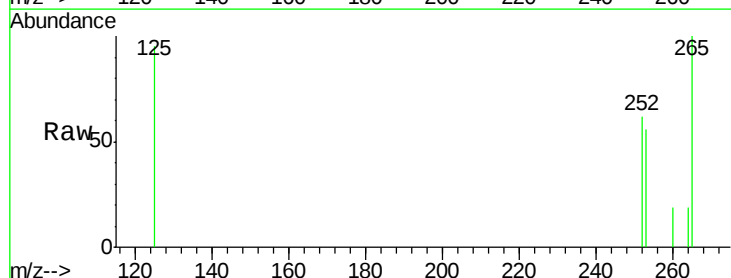
Tgt Ion: 252 Resp: 168

Ion Ratio Lower Upper

252 100

253 90.0 18.8 28.2#

125 153.0 10.7 16.1#

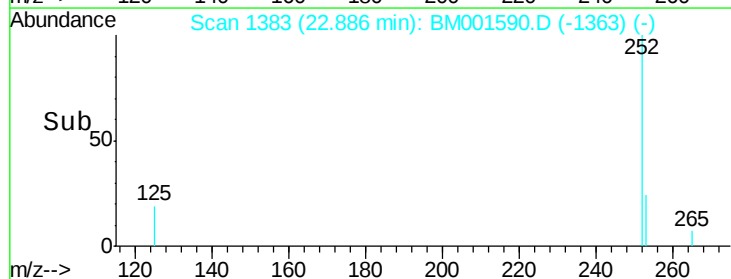
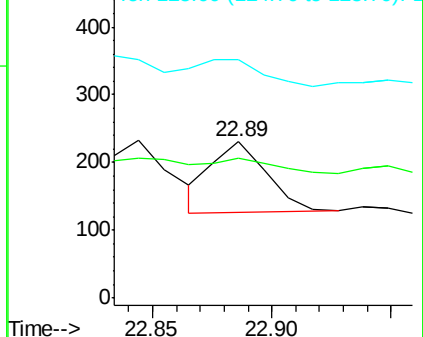


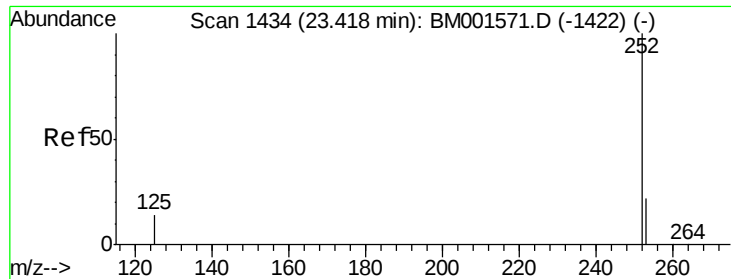
Abundance

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





#35

Benzo(a)pyrene

Concen: 0.01 ng

RT: 23.42 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BM001590.D

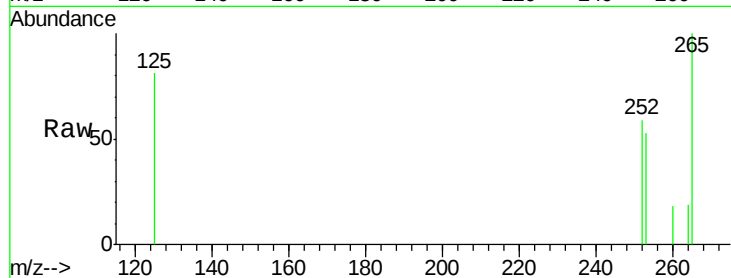
Acq: 06 Jun 2015 12:16

Instrument :

BNA_M

ClientSampleId :

SS043MW011-150601



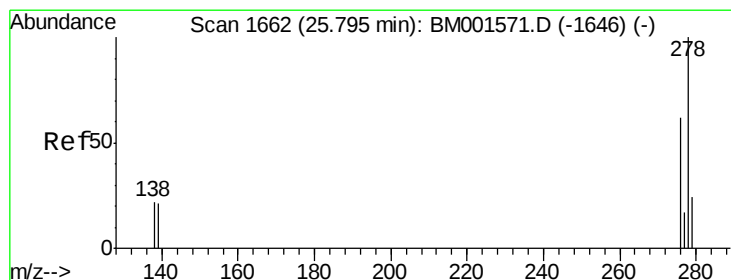
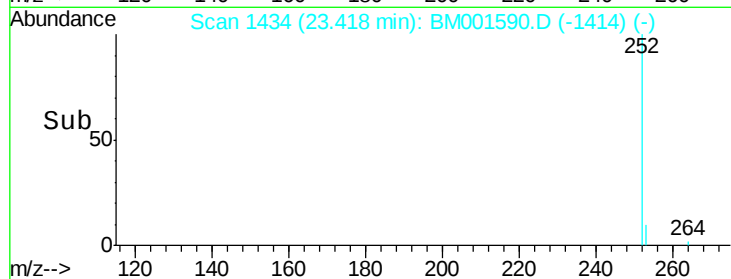
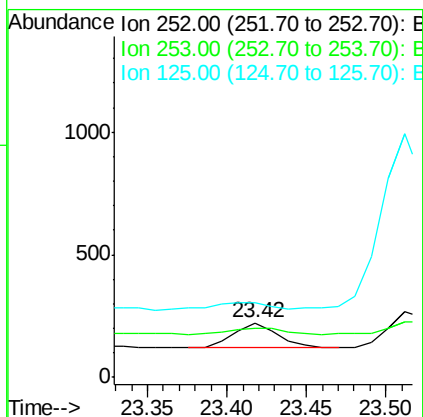
Tgt Ion: 252 Resp: 190

Ion Ratio Lower Upper

252 100

253 90.0 18.8 28.2#

125 136.7 12.1 18.1#



#36

Dibenzo(a,h)anthracene

Concen: 0.03 ng

RT: 25.79 min Scan# 1662

Delta R.T. 0.01 min

Lab File: BM001590.D

Acq: 06 Jun 2015 12:16

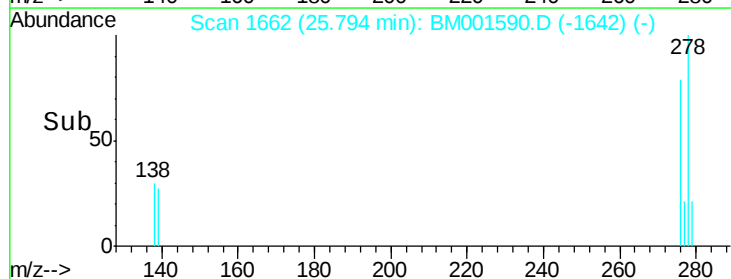
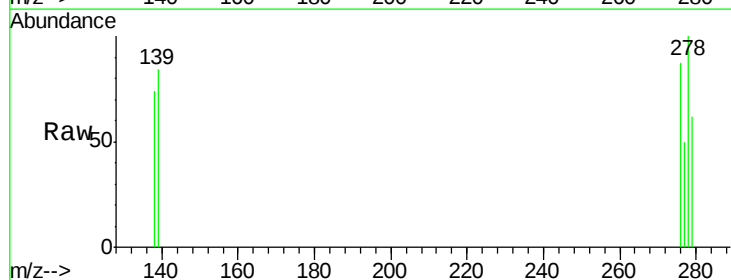
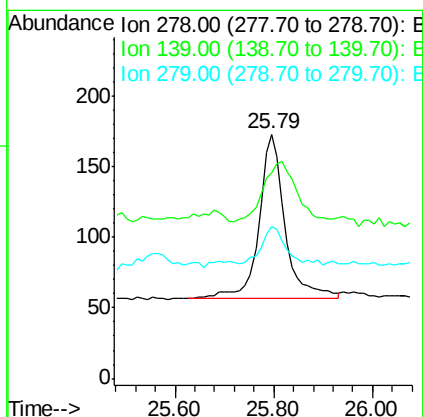
Tgt Ion: 278 Resp: 416

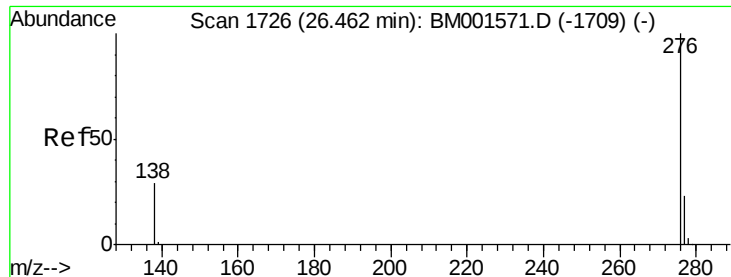
Ion Ratio Lower Upper

278 100

139 84.4 17.4 26.0#

279 62.4 20.0 30.0#





#37

Benzo(g,h,i)perylene

Concen: 0.03 ng

RT: 26.46 min Scan# 1726

Delta R.T. -0.00 min

Lab File: BM001590.D

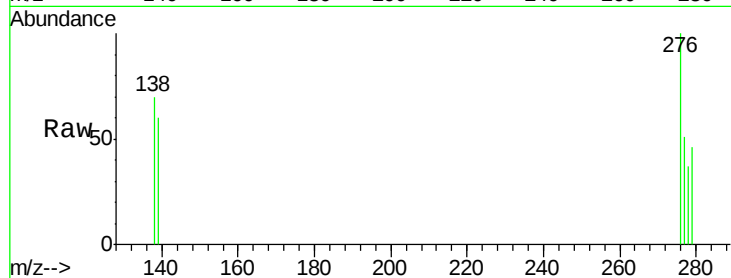
Acq: 06 Jun 2015 12:16

Instrument :

BNA_M

ClientSampleId :

SS043MW011-150601



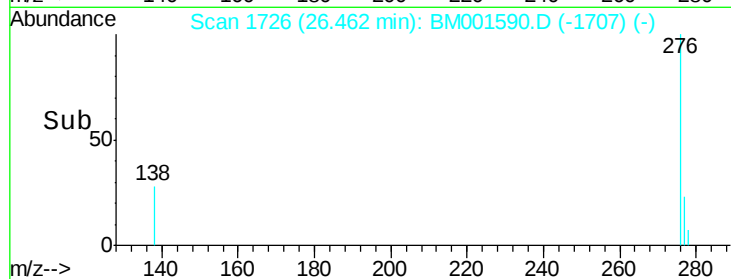
Tgt Ion: 276 Resp: 423

Ion Ratio Lower Upper

276 100

277 50.6 19.2 28.8#

138 70.1 23.7 35.5#



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

