

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020216\
 Data File : BM004169.D
 Acq On : 02 Feb 2016 18:22
 Operator : SJ/IZ
 Sample : H1314-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WELDON-WC-SC-018MS

Quant Time: Feb 03 00:54:10 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM012216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 22 14:46:41 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	27563	5.00	ng	0.00
7) Naphthalene-d8	10.44	136	124100	5.00	ng	0.00
13) Acenaphthene-d10	14.31	164	73595	5.00	ng	0.00
19) Phenanthrene-d10	17.06	188	177100	5.00	ng	0.00
26) Chrysene-d12	21.27	240	196210	5.00	ng	0.00
35) Perylene-d12	23.51	264	177736	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	48627	8.46	ng	-0.02
5) Phenol-d6	6.83	99	73319	10.56	ng	-0.02
8) Nitrobenzene-d5	8.82	82	31755	5.84	ng	-0.01
14) 2,4,6-Tribromophenol	15.81	330	26443	9.11	ng	0.00
15) 2-Fluorobiphenyl	12.93	172	109831	4.87	ng	0.00
29) Terphenyl-d14	19.71	244	129209	5.18	ng	0.00

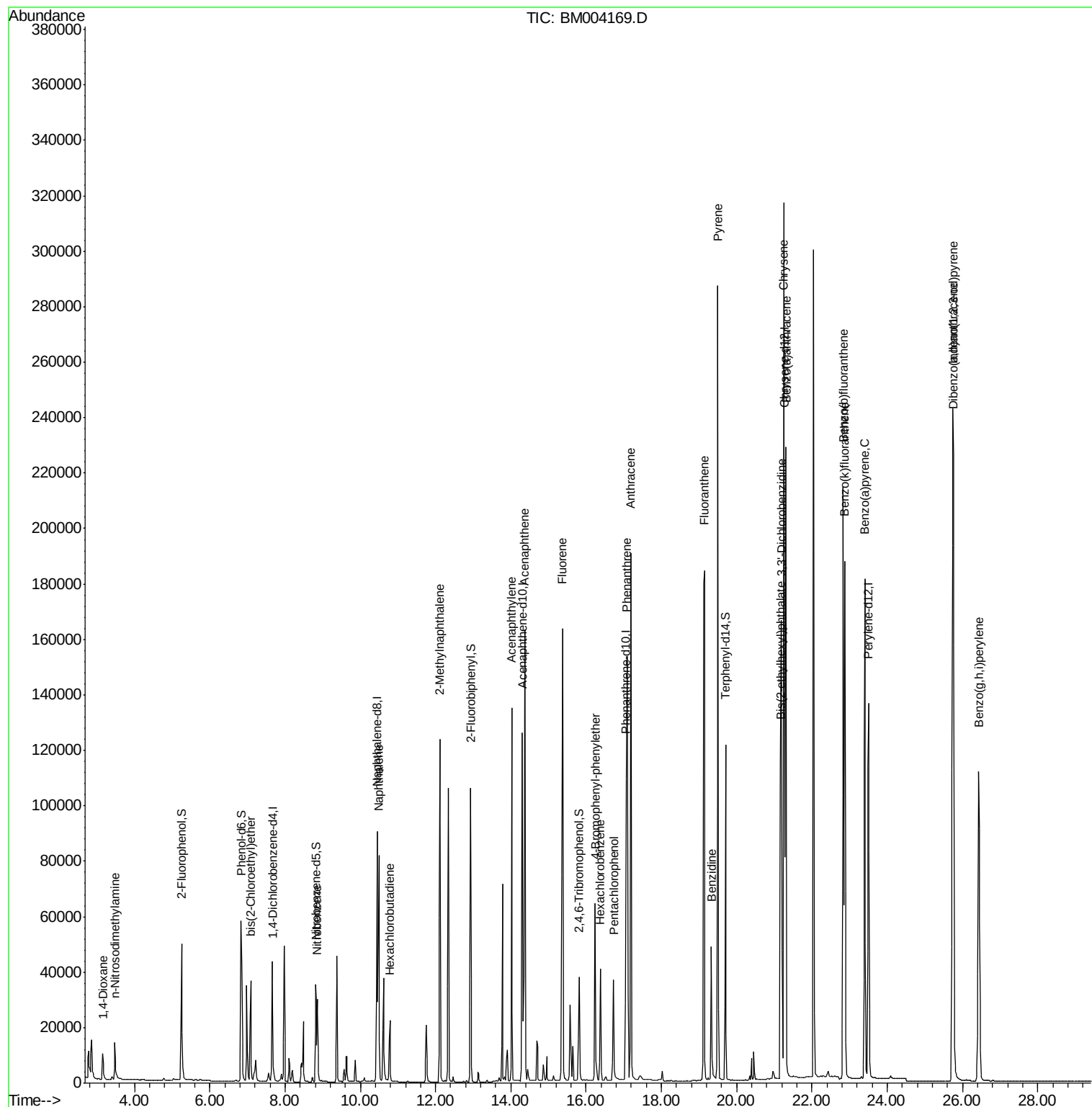
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.17	88	8443	3.37	ng	95
3) n-Nitrosodimethylamine	3.48	42	10841	4.41	ng	89
6) bis(2-Chloroethyl)ether	7.09	93	29518	4.59	ng	99
9) Nitrobenzene	8.86	77	33322	4.33	ng	98
10) Naphthalene	10.49	128	123348	4.26	ng	96
11) Hexachlorobutadiene	10.78	225	18344	4.11	ng	99
12) 2-Methylnaphthalene	12.11	142	91344	4.83	ng	91
16) Acenaphthylene	14.02	152	164972	5.19	ng	100
17) Acenaphthene	14.37	154	97077	4.04	ng	97
18) Fluorene	15.37	166	127413	4.36	ng	98
20) 4-Bromophenyl-phenylether	16.24	248	37258	6.46	ng	# 82
21) Hexachlorobenzene	16.37	284	35468	5.85	ng	# 75
22) Pentachlorophenol	16.73	266	30963	10.40	ng	93
23) Phenanthrene	17.09	178	208054	6.11	ng	97
24) Anthracene	17.19	178	236662	5.85	ng	99
25) Fluoranthene	19.14	202	259921	5.42	ng	100
27) Benzidine	19.33	184	86736	5.64	ng	98
28) Pyrene	19.50	202	283959	5.24	ng	99
30) Benzo(a)anthracene	21.31	228	191820	3.33	ng	95
31) 3,3'-Dichlorobenzidine	21.19	252	83977	5.22	ng	# 78
32) Chrysene	21.25	228	329524	6.73	ng	97
33) Bis(2-ethylhexyl)phthalate	21.16	149	197419	6.45	ng	# 54
34) Indeno(1,2,3-cd)pyrene	25.75	276	256808	4.36	ng	99
36) Benzo(b)fluoranthene	22.83	252	259781	4.71	ng	96
37) Benzo(k)fluoranthene	22.87	252	252189	5.05	ng	97
38) Benzo(a)pyrene	23.40	252	248922	5.13	ng	97
39) Dibenzo(a,h)anthracene	25.76	278	205372	4.71	ng	99
40) Benzo(g,h,i)perylene	26.43	276	215244	4.52	ng	99

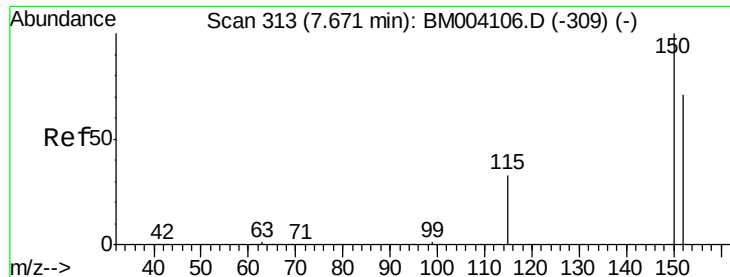
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.67 min Scan# 313

Delta R.T. -0.00 min

Lab File: BM004169.D

Acq: 02 Feb 2016 18:22

Instrument :

BNA_M

ClientSampleId :

WELDON-WC-SC-018MS

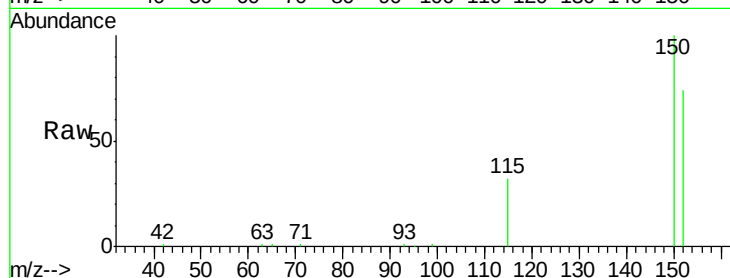
Tgt Ion: 152 Resp: 27563

Ion Ratio Lower Upper

152 100

150 134.9 122.9 184.3

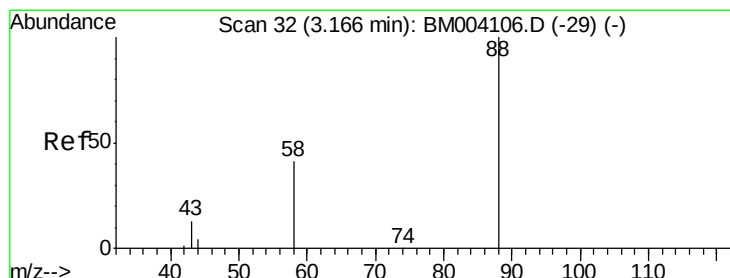
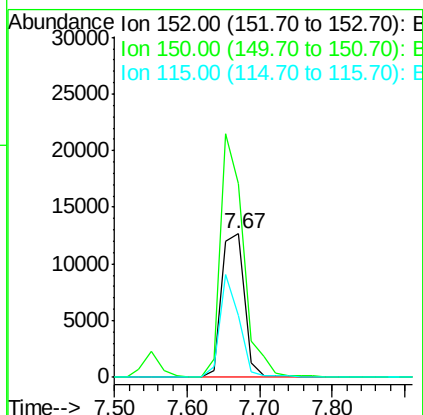
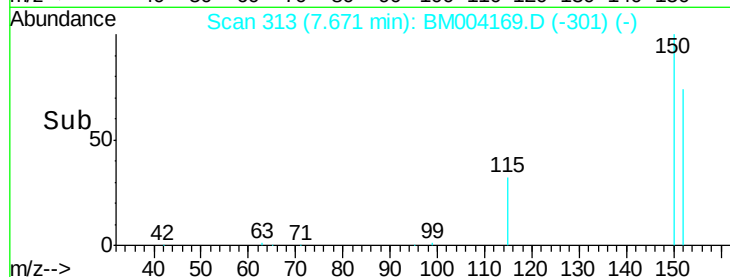
115 43.6 44.4 66.6#



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: 3.37 ng

RT: 3.17 min Scan# 32

Delta R.T. -0.00 min

Lab File: BM004169.D

Acq: 02 Feb 2016 18:22

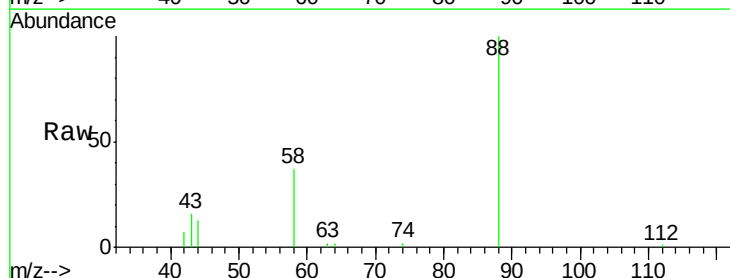
Tgt Ion: 88 Resp: 8443

Ion Ratio Lower Upper

88 100

58 71.8 53.8 80.6

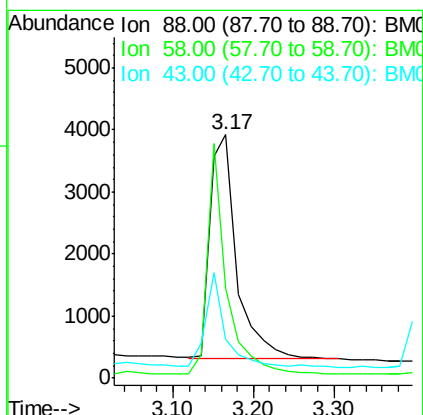
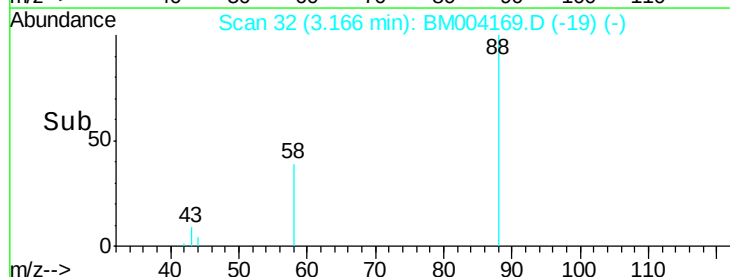
43 31.5 23.8 35.6

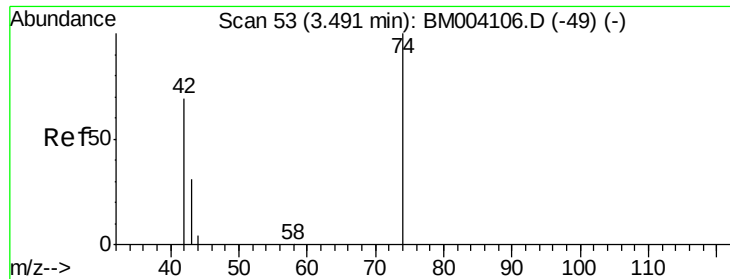


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 4.41 ng

RT: 3.48 min Scan# 52

Delta R.T. -0.02 min

Lab File: BM004169.D

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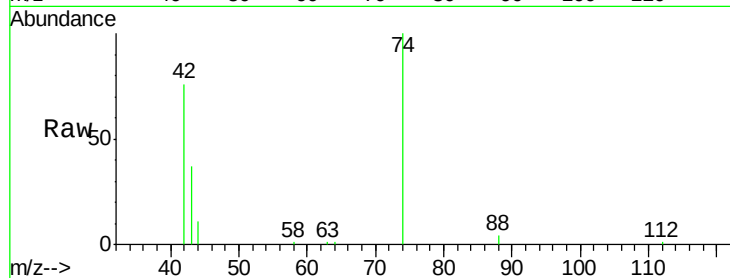
Tgt Ion: 42 Resp: 10841

Ion Ratio Lower Upper

42 100

74 131.0 95.0 142.4

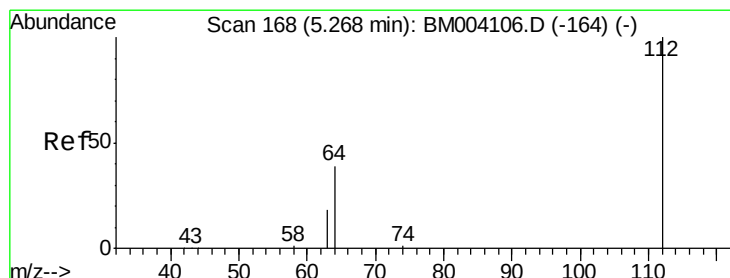
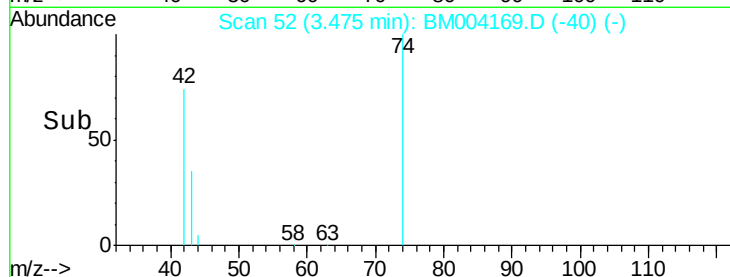
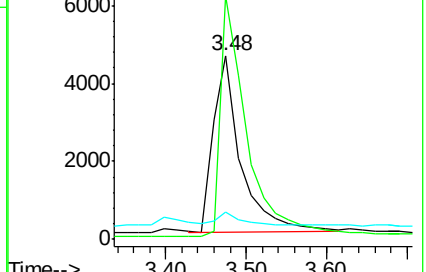
44 6.8 5.1 7.7



Abundance Ion 42.00 (41.70 to 42.70): BM004106.D (-49) (-)

Ion 74.00 (73.70 to 74.70): BM004106.D (-49) (-)

Ion 44.00 (43.70 to 44.70): BM004106.D (-49) (-)



#4

2-Fluorophenol

Concen: 8.46 ng

RT: 5.25 min Scan# 167

Delta R.T. -0.02 min

Lab File: BM004169.D

Acq: 02 Feb 2016 18:22

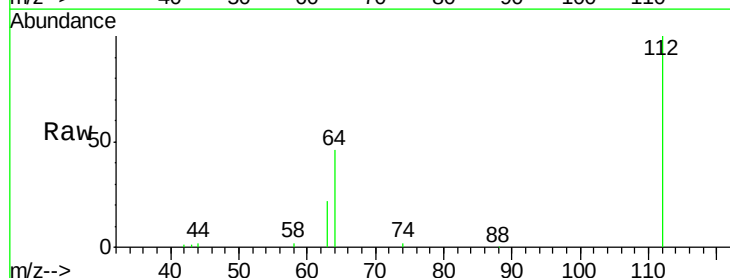
Tgt Ion: 112 Resp: 48627

Ion Ratio Lower Upper

112 100

64 52.0 41.8 62.8

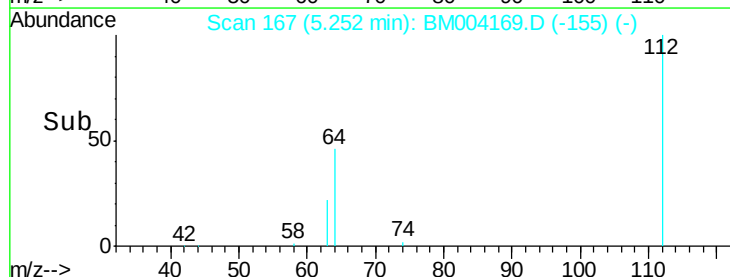
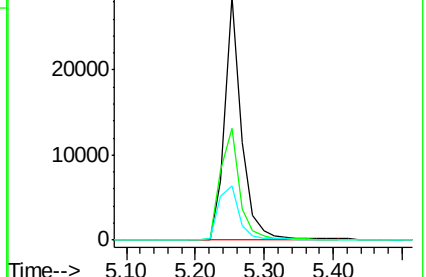
63 27.3 22.1 33.1

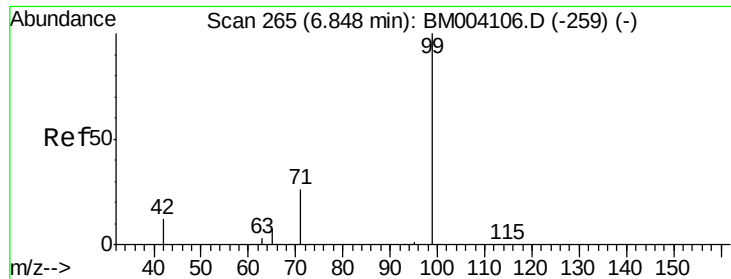


Abundance Ion 112.00 (111.70 to 112.70): BM004106.D (-164) (-)

Ion 64.00 (63.70 to 64.70): BM004106.D (-164) (-)

Ion 63.00 (62.70 to 63.70): BM004106.D (-164) (-)





#5

Phenol-d6

Concen: 10.56 ng

RT: 6.83 min Scan# 264

Delta R.T. -0.02 min

Lab File: BM004169.D

Acq: 02 Feb 2016 18:22

Instrument :

BNA_M

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WELDON-WC-SC-018MS

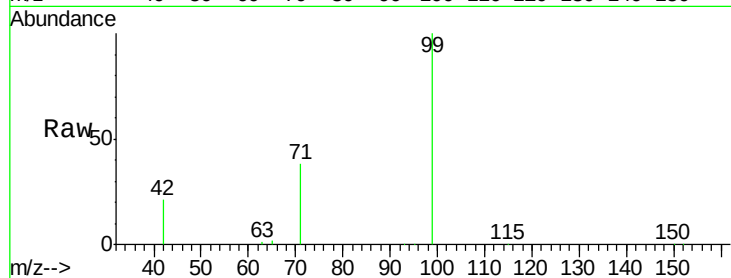
Tgt Ion: 99 Resp: 73319

Ion Ratio Lower Upper

99 100

42 17.9 16.2 24.2

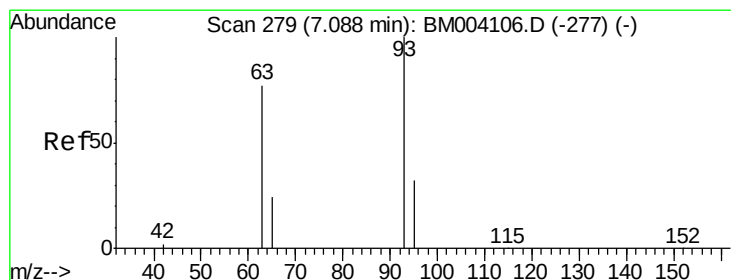
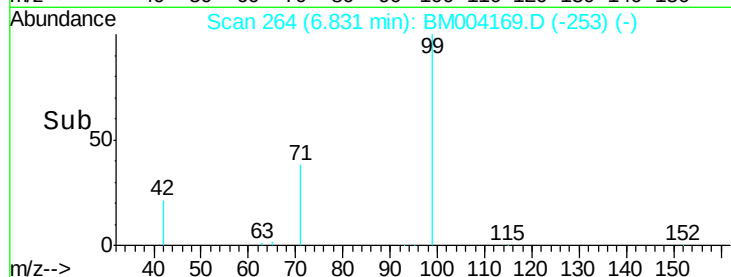
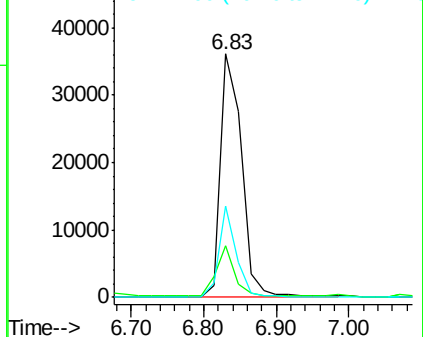
71 30.8 24.4 36.6



Abundance Ion 99.00 (98.70 to 99.70): BM004106.D (-259) (-)

Ion 42.00 (41.70 to 42.70): BM004106.D (-259) (-)

Ion 71.00 (70.70 to 71.70): BM004106.D (-259) (-)



#6

bis(2-Chloroethyl)ether

Concen: 4.59 ng

RT: 7.09 min Scan# 279

Delta R.T. -0.00 min

Lab File: BM004169.D

Acq: 02 Feb 2016 18:22

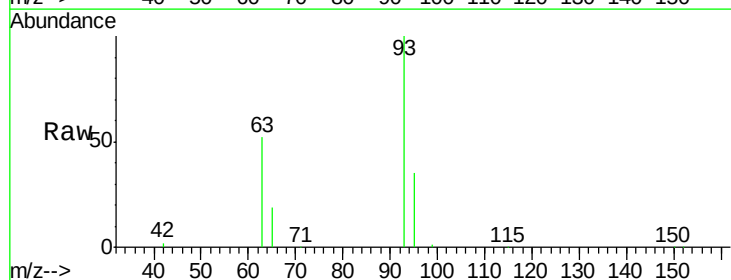
Tgt Ion: 93 Resp: 29518

Ion Ratio Lower Upper

93 100

63 72.7 58.3 87.5

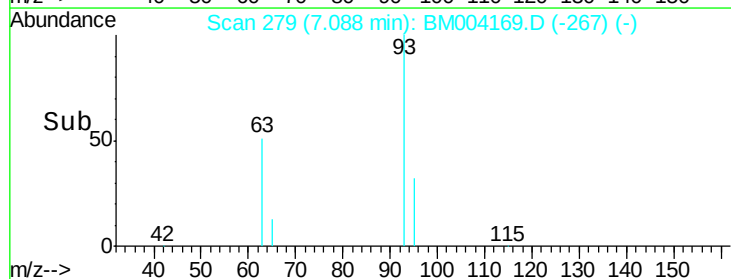
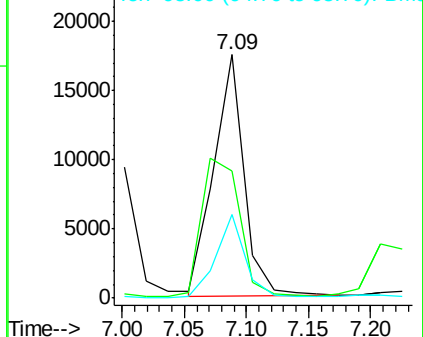
95 33.1 25.8 38.8

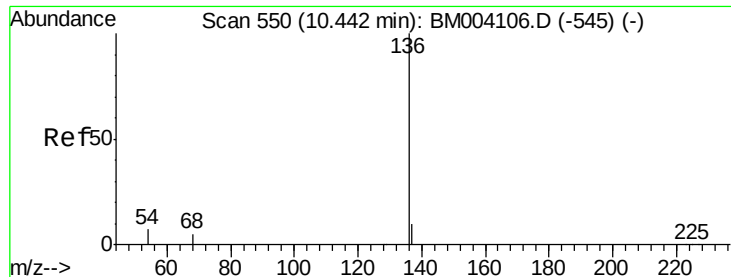


Abundance Ion 93.00 (92.70 to 93.70): BM004106.D (-277) (-)

Ion 63.00 (62.70 to 63.70): BM004106.D (-277) (-)

Ion 95.00 (94.70 to 95.70): BM004106.D (-277) (-)





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.44 min Scan# 550

Delta R.T. -0.00 min

Lab File: BM004169.D

Acq: 02 Feb 2016 18:22

Instrument :

BNA_M

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WELDON-WC-SC-018MS

Tgt Ion: 136 Resp: 124100

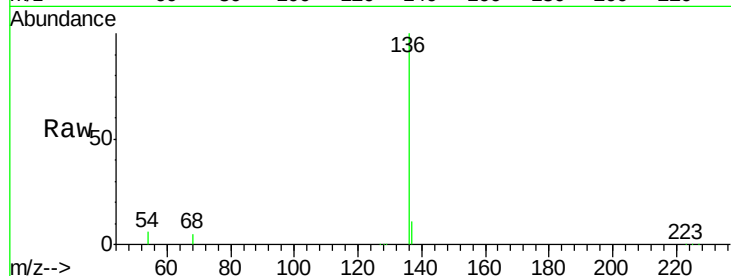
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 5.7 2.8 4.2#

68 4.5 2.5 3.7#

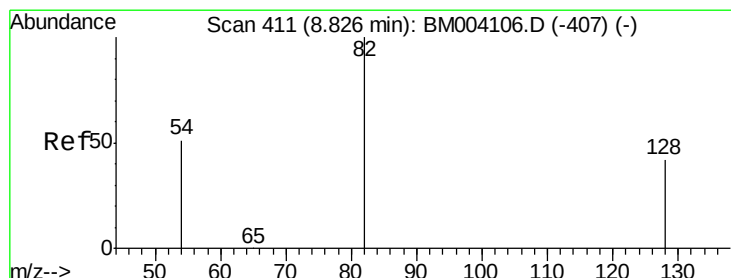
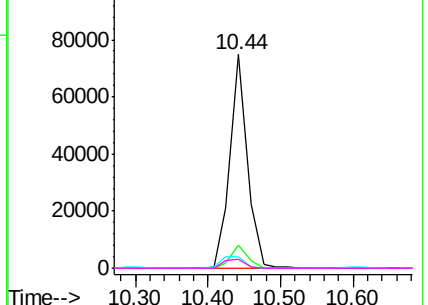
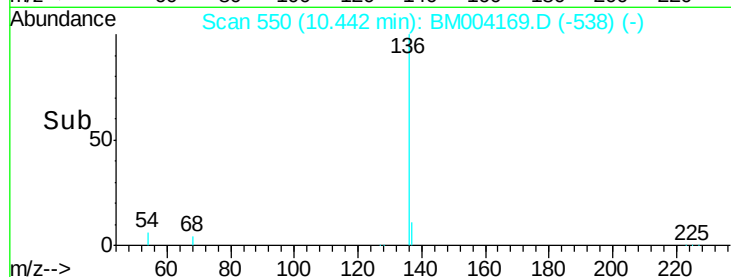


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#8

Nitrobenzene-d5

Concen: 5.84 ng

RT: 8.82 min Scan# 410

Delta R.T. -0.01 min

Lab File: BM004169.D

Acq: 02 Feb 2016 18:22

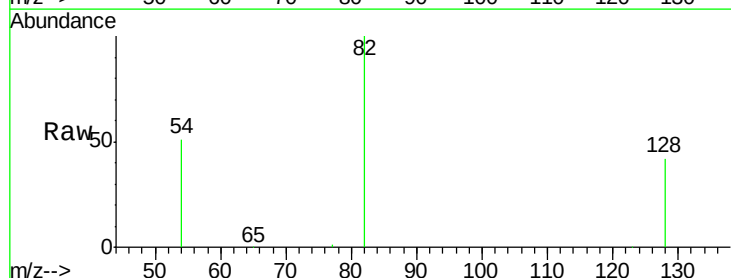
Tgt Ion: 82 Resp: 31755

Ion Ratio Lower Upper

82 100

128 41.7 39.1 58.7

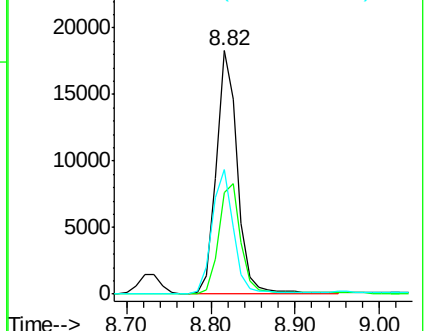
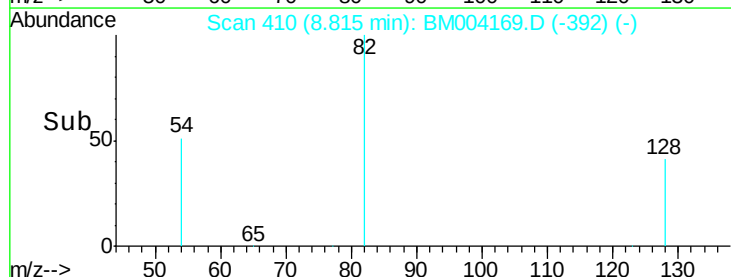
54 51.2 34.8 52.2

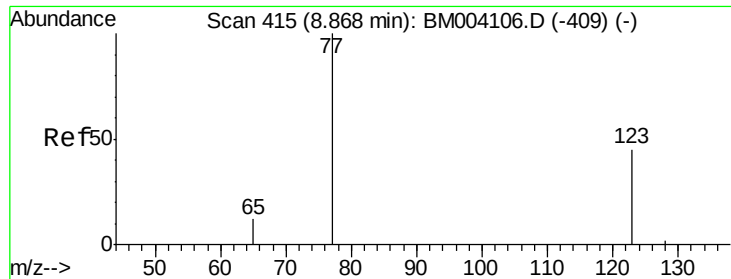


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#9

Nitrobenzene

Concen: 4.33 ng

RT: 8.86 min Scan# 414

Delta R.T. -0.01 min

Lab File: BM004169.D

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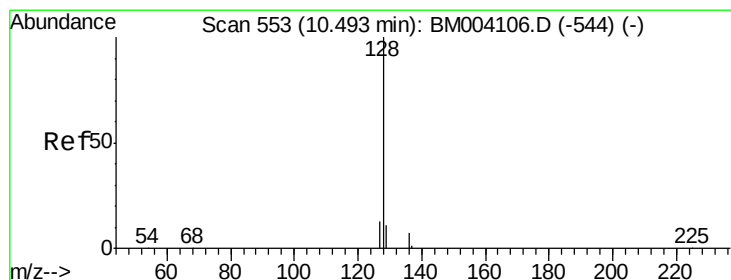
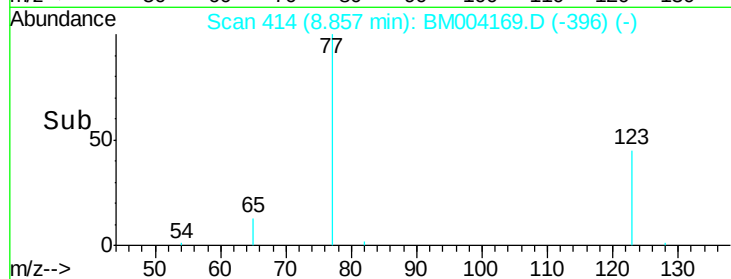
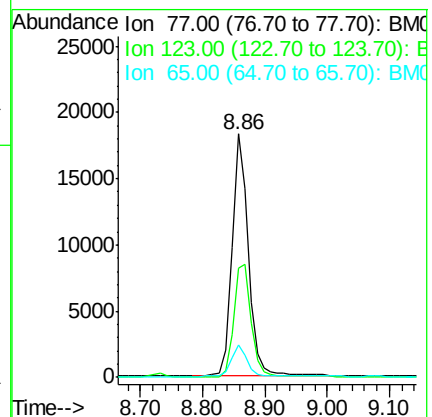
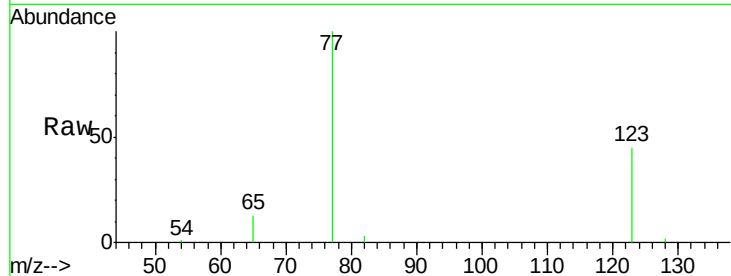
Tgt Ion: 77 Resp: 33322

Ion Ratio Lower Upper

77 100

123 50.0 38.6 57.8

65 12.6 9.9 14.9



#10

Naphthalene

Concen: 4.26 ng

RT: 10.49 min Scan# 553

Delta R.T. -0.00 min

Lab File: BM004169.D

Acq: 02 Feb 2016 18:22

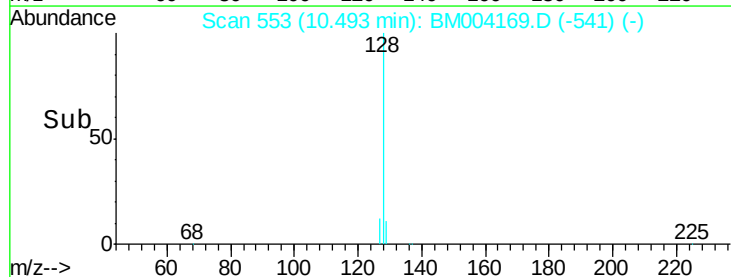
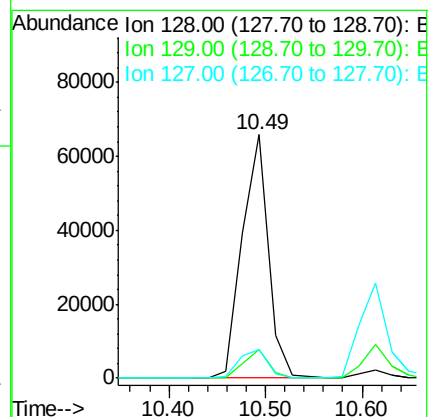
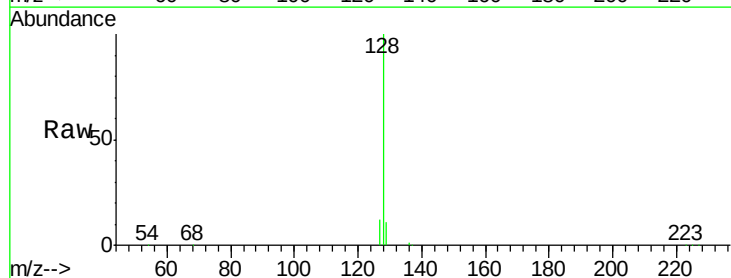
Tgt Ion: 128 Resp: 123348

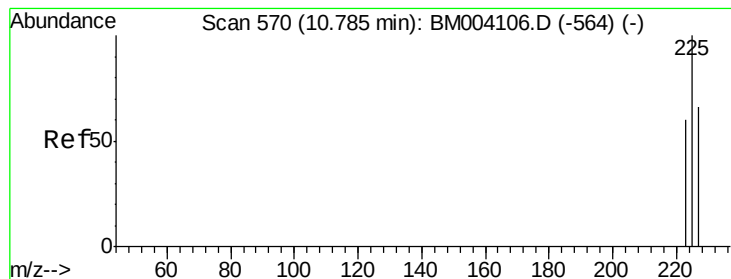
Ion Ratio Lower Upper

128 100

129 11.5 8.5 12.7

127 11.9 11.0 16.4





#11

Hexachlorobutadiene

Concen: 4.11 ng

RT: 10.78 min Scan# 570

Delta R.T. -0.00 min

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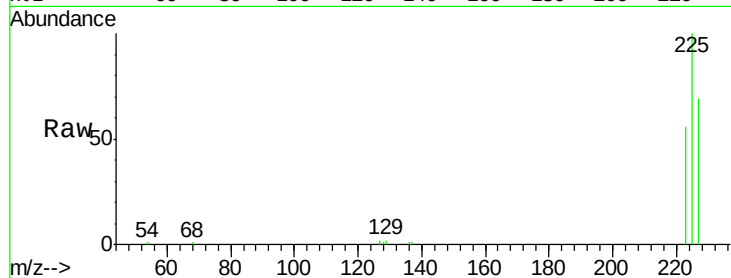
Tgt Ion:225 Resp: 18344

Ion Ratio Lower Upper

225 100

223 63.1 50.9 76.3

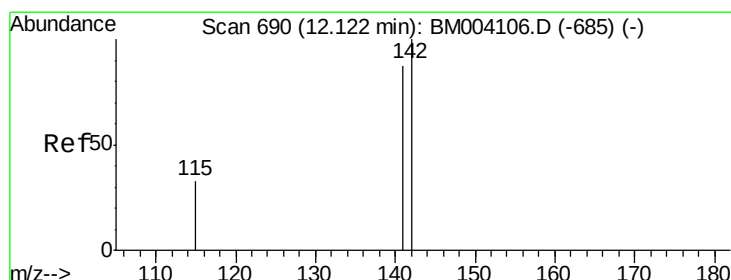
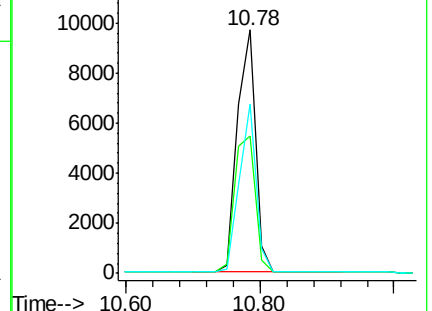
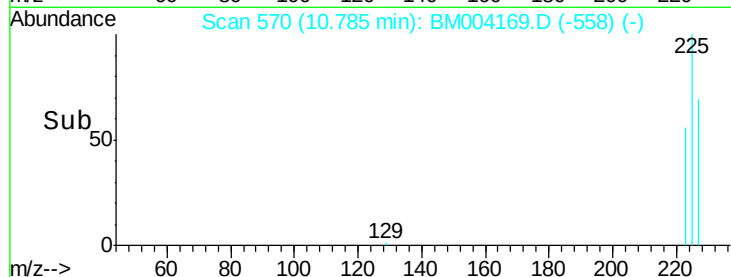
227 63.4 51.2 76.8



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



#12

2-Methylnaphthalene

Concen: 4.83 ng

RT: 12.11 min Scan# 689

Delta R.T. -0.01 min

Lab File: BM004169.D

Acq: 02 Feb 2016 18:22

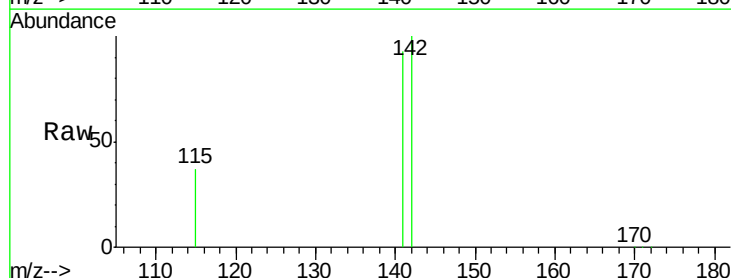
Tgt Ion:142 Resp: 91344

Ion Ratio Lower Upper

142 100

141 93.4 67.8 101.8

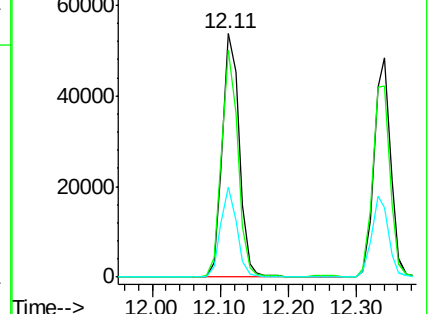
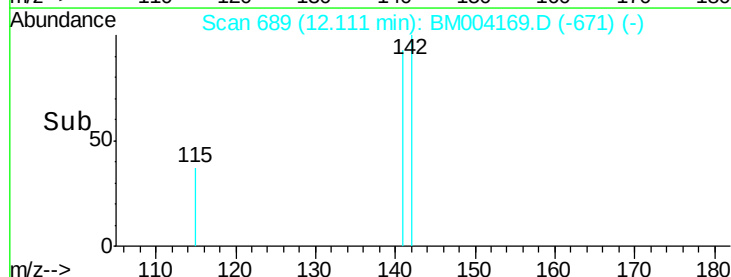
115 36.8 25.3 37.9

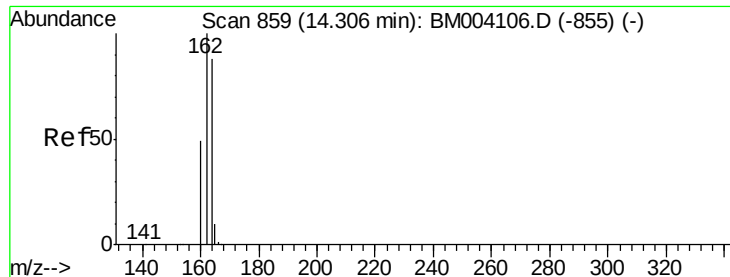


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.31 min Scan# 859

Delta R.T. -0.00 min

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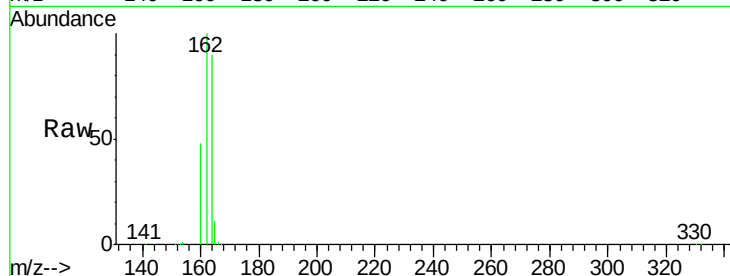
Tgt Ion:164 Resp: 73595

Ion Ratio Lower Upper

164 100

162 111.0 86.0 129.0

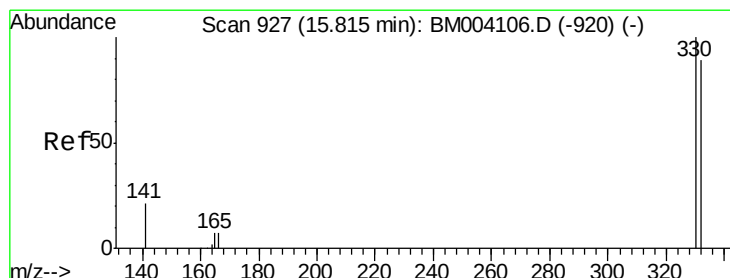
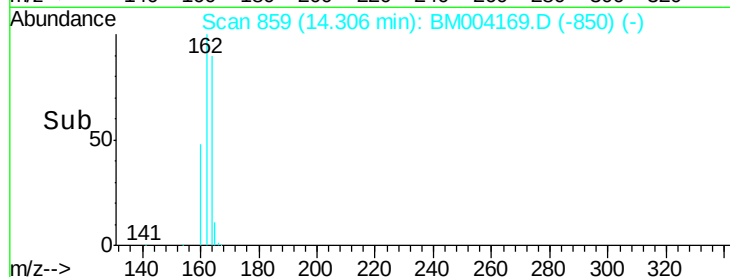
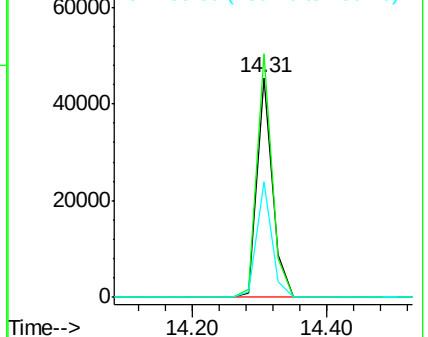
160 52.9 40.3 60.5



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



#14

2,4,6-Tribromophenol

Concen: 9.11 ng

RT: 15.81 min Scan# 927

Delta R.T. -0.00 min

Lab File: BM004169.D

Acq: 02 Feb 2016 18:22

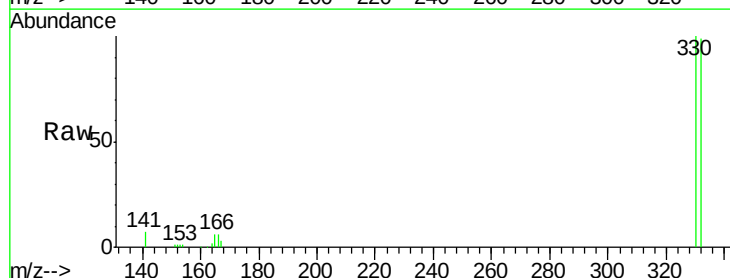
Tgt Ion:330 Resp: 26443

Ion Ratio Lower Upper

330 100

332 97.1 79.0 118.4

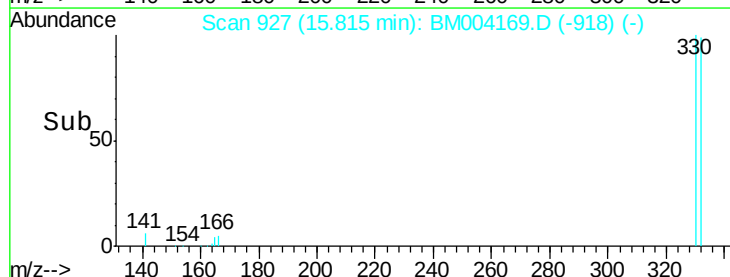
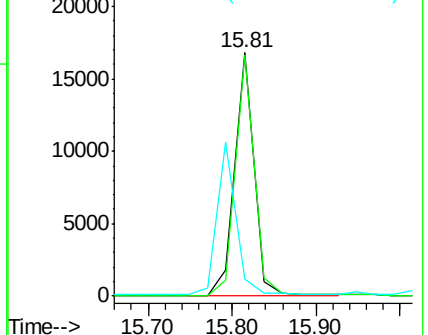
141 0.0 27.8 41.6#

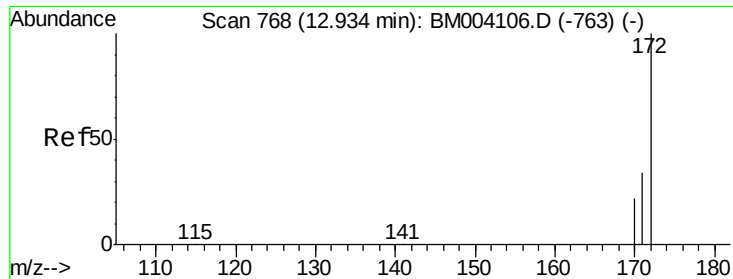


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

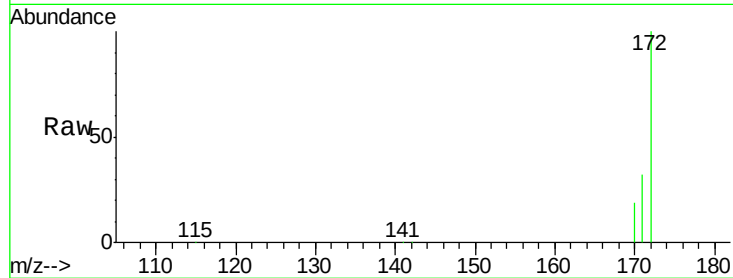




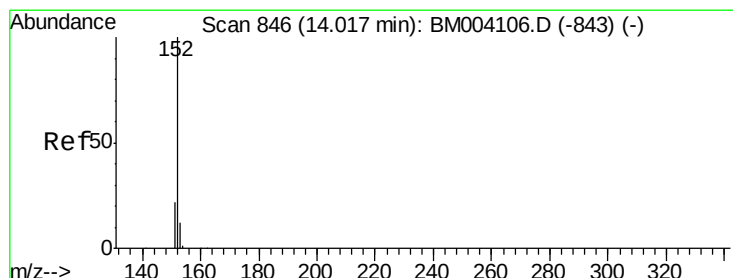
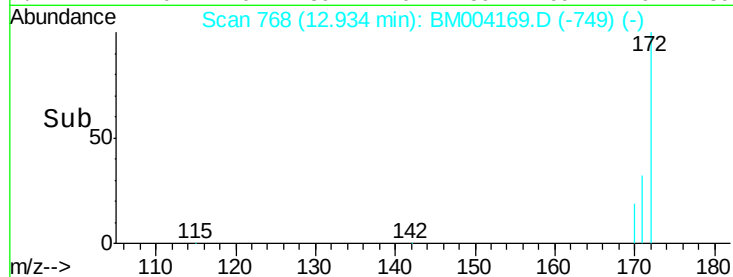
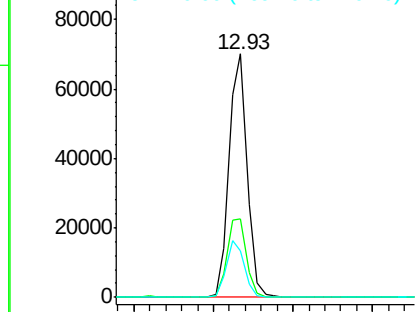
#15
2-Fluorobiphenyl
Concen: 4.87 ng
RT: 12.93 min Scan# 768
Delta R.T. -0.00 min
Lab File: BM004169.D
Acq: 02 Feb 2016 18:22

Instrument :
BNA_M
ClientSampleId :
WELDON-WC-SC-018MS

Tgt Ion:172 Resp: 109831
Ion Ratio Lower Upper
172 100
171 32.0 27.0 40.6
170 19.3 17.9 26.9

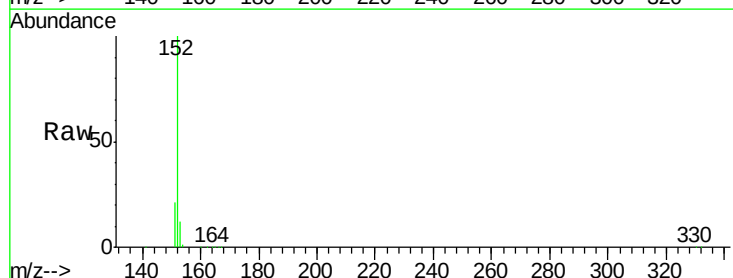


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

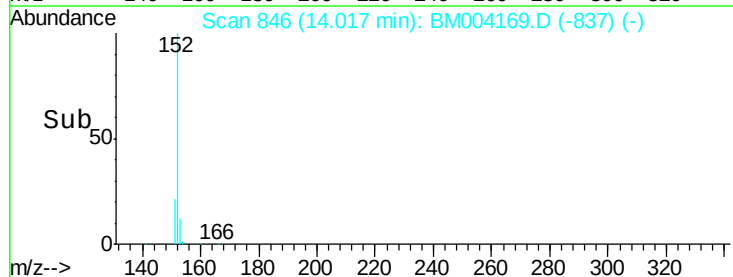
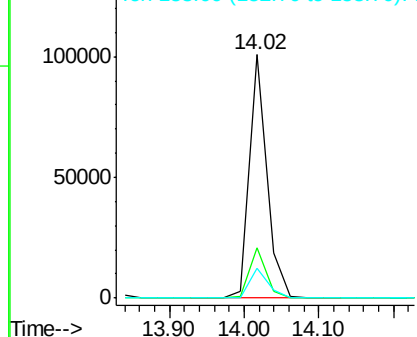


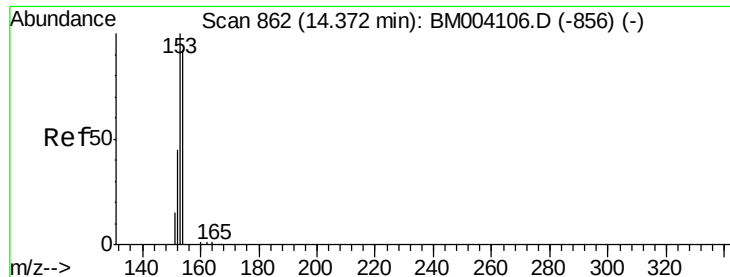
#16
Acenaphthylene
Concen: 5.19 ng
RT: 14.02 min Scan# 846
Delta R.T. -0.00 min
Lab File: BM004169.D
Acq: 02 Feb 2016 18:22

Tgt Ion:152 Resp: 164972
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.8
153 12.8 10.2 15.4



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





#17

Acenaphthene

Concen: 4.04 ng

RT: 14.37 min Scan# 862

Delta R.T. -0.00 min

Lab File: BM004169.D

Acq: 02 Feb 2016 18:22

Instrument :

BNA_M

ClientSampleId :

WELDON-WC-SC-018MS

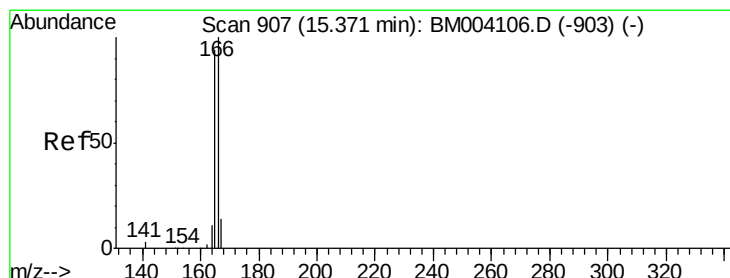
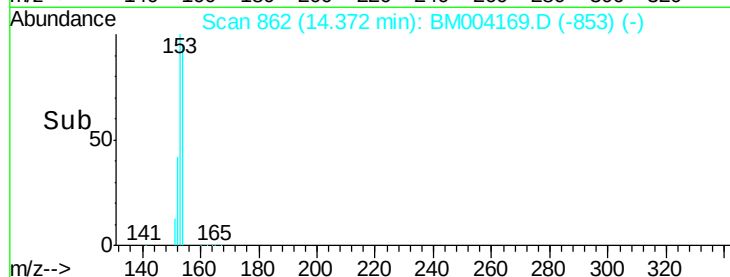
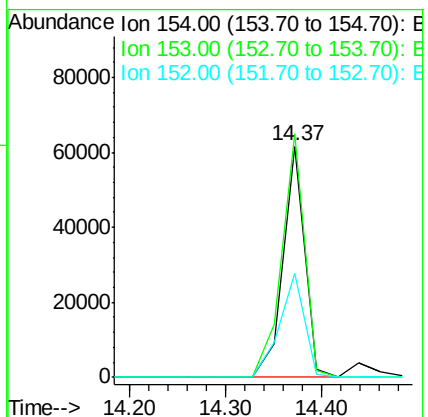
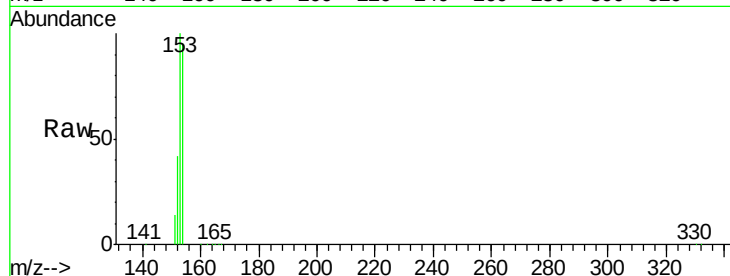
Tgt Ion:154 Resp: 97077

Ion Ratio Lower Upper

154 100

153 111.0 85.4 128.2

152 51.3 40.6 60.8



#18

Fluorene

Concen: 4.36 ng

RT: 15.37 min Scan# 907

Delta R.T. -0.00 min

Lab File: BM004169.D

Acq: 02 Feb 2016 18:22

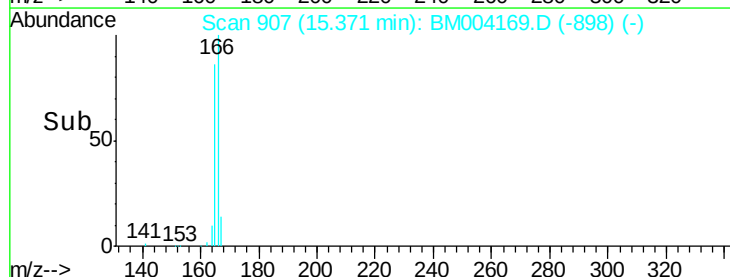
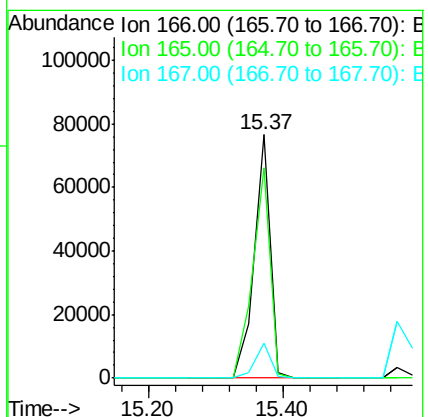
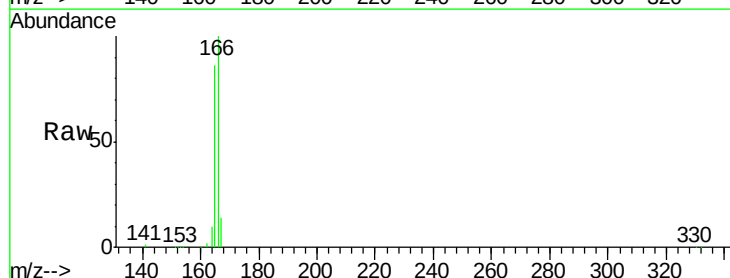
Tgt Ion:166 Resp: 127413

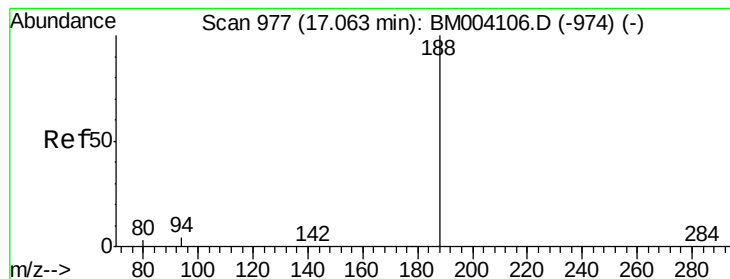
Ion Ratio Lower Upper

166 100

165 94.8 77.2 115.8

167 13.8 11.0 16.6





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.06 min Scan# 977

Delta R.T. -0.00 min

Lab File: BM004169.D

Acq: 02 Feb 2016 18:22

Instrument :

BNA_M

ClientSampleId :

WELDON-WC-SC-018MS

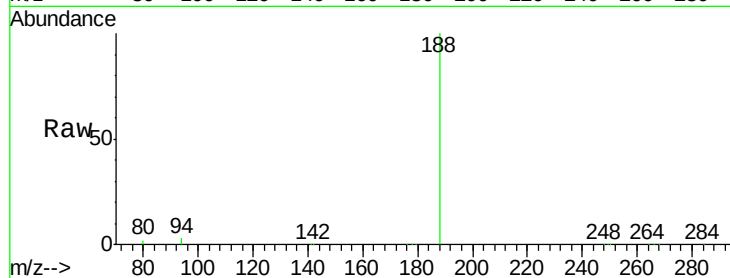
Tgt Ion:188 Resp: 177100

Ion Ratio Lower Upper

188 100

94 3.0 20.3 30.5#

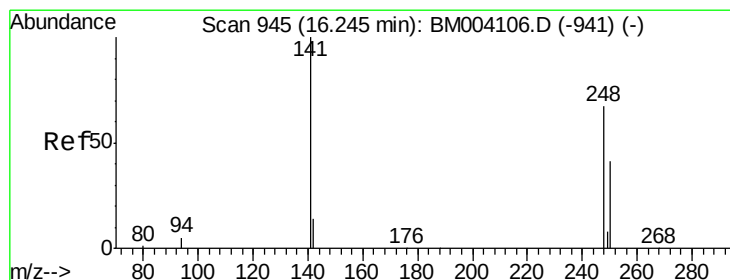
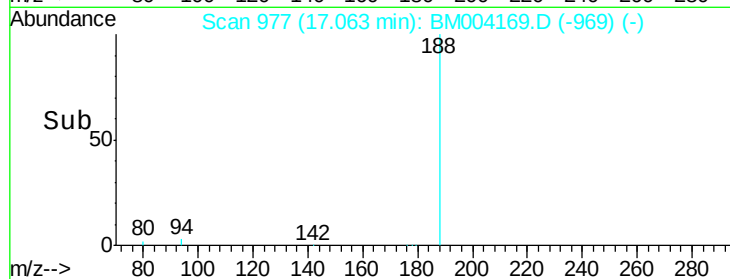
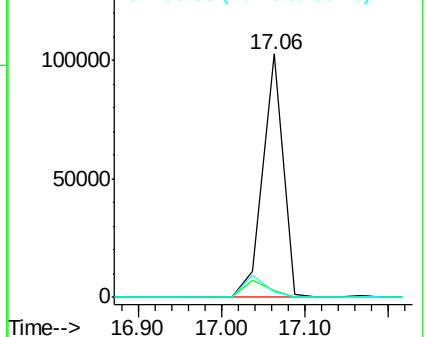
80 2.4 22.2 33.4#



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



#20

4-Bromophenyl-phenylether

Concen: 6.46 ng

RT: 16.24 min Scan# 945

Delta R.T. -0.00 min

Lab File: BM004169.D

Acq: 02 Feb 2016 18:22

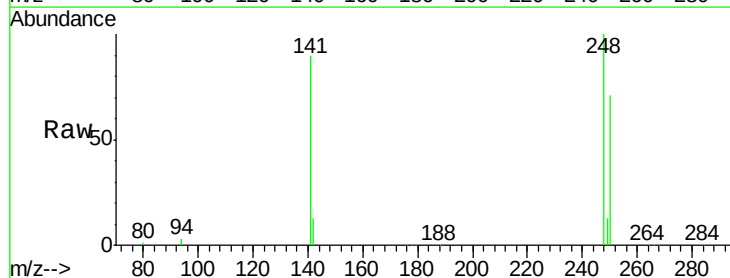
Tgt Ion:248 Resp: 37258

Ion Ratio Lower Upper

248 100

250 82.2 75.0 112.4

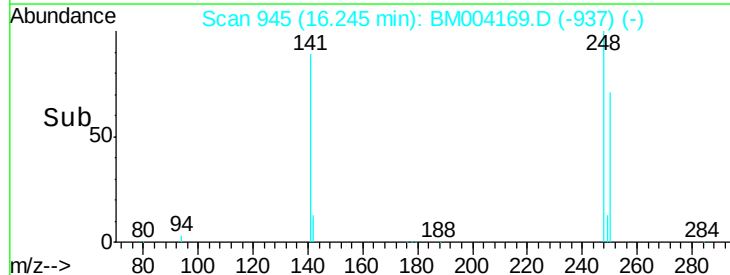
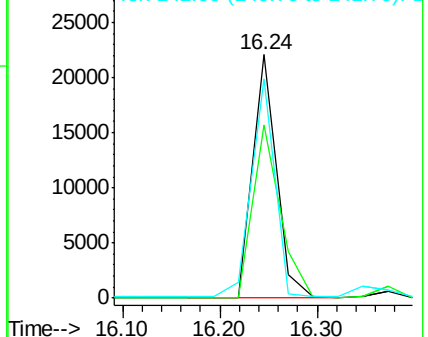
141 88.3 53.0 79.4#

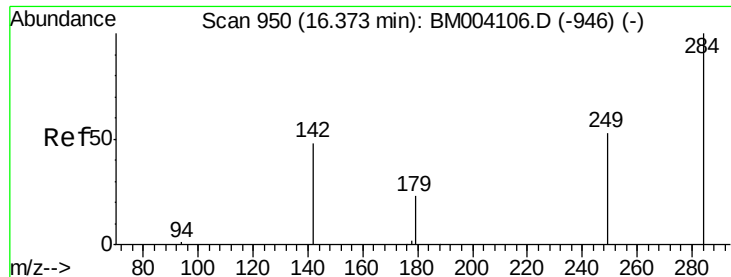


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

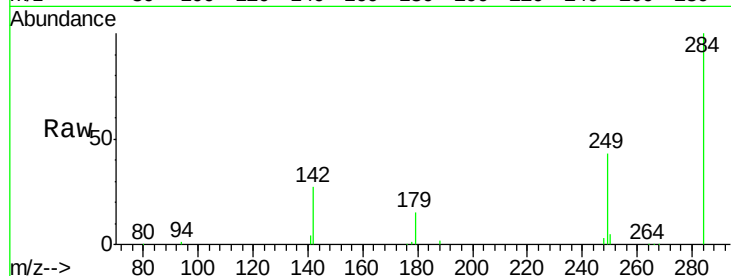




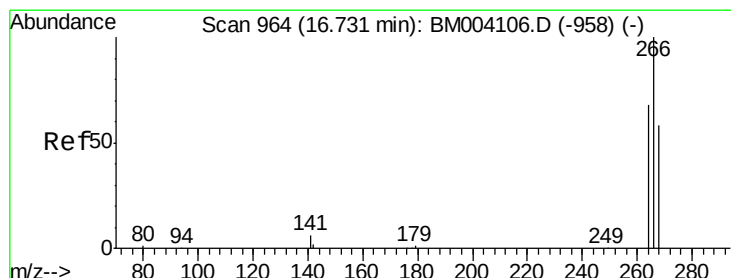
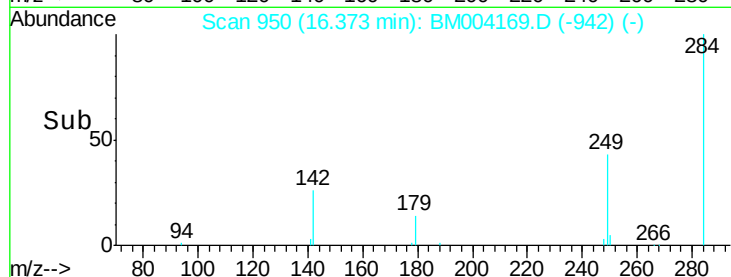
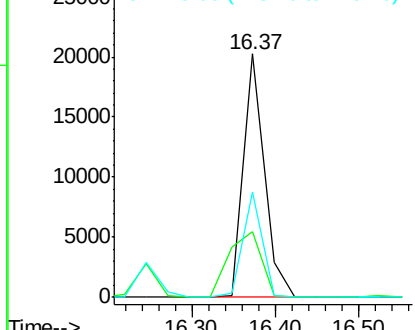
#21
Hexachlorobenzene
Concen: 5.85 ng
RT: 16.37 min Scan# 950
Delta R.T. -0.00 min
Lab File: BM004169.D
Acq: 02 Feb 2016 18:22

Instrument :
BNA_M
ClientSampleId :
WELDON-WC-SC-018MS

Tgt Ion:284 Resp: 35468
Ion Ratio Lower Upper
284 100
142 41.2 22.2 33.4#
249 39.6 21.5 32.3#

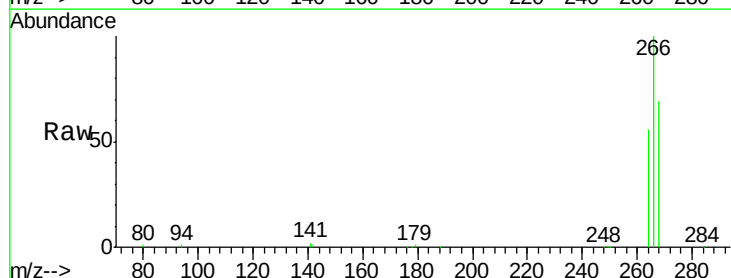


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

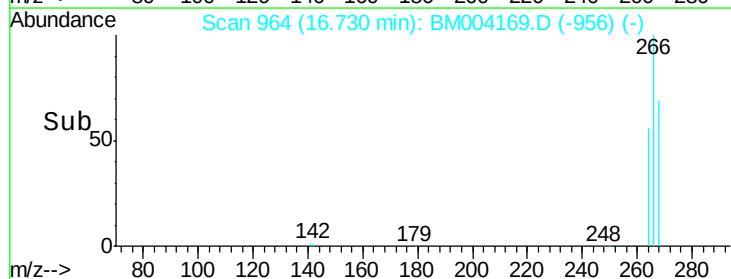
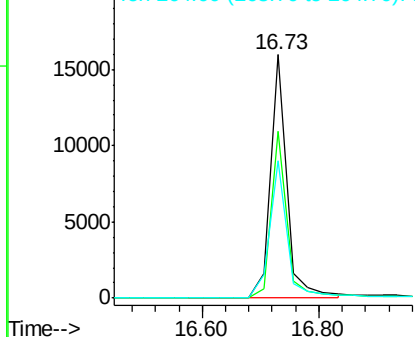


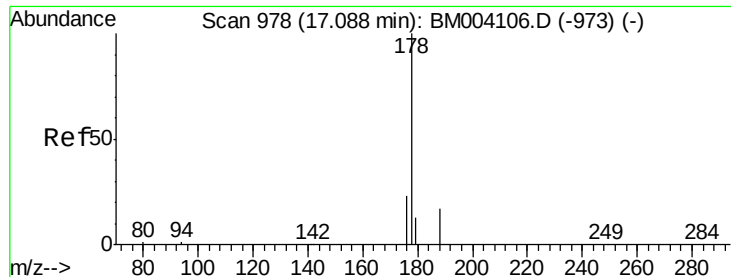
#22
Pentachlorophenol
Concen: 10.40 ng
RT: 16.73 min Scan# 964
Delta R.T. 0.00 min
Lab File: BM004169.D
Acq: 02 Feb 2016 18:22

Tgt Ion:266 Resp: 30963
Ion Ratio Lower Upper
266 100
268 68.7 62.7 94.1
264 56.2 45.7 68.5



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

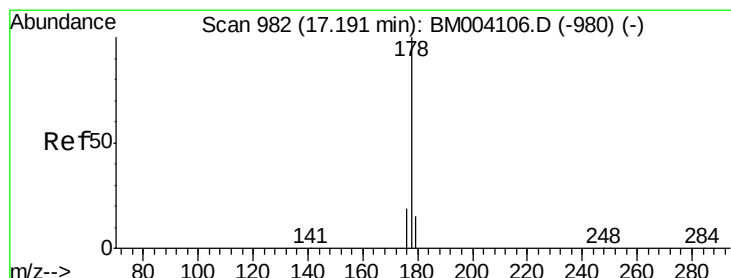
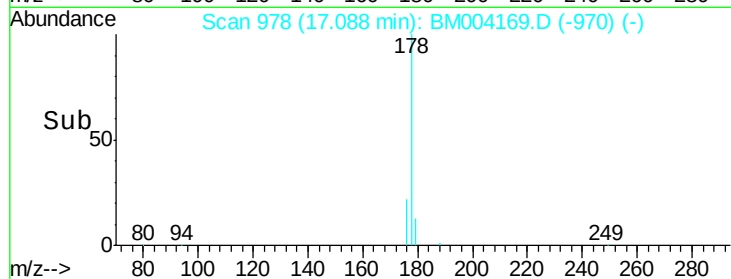
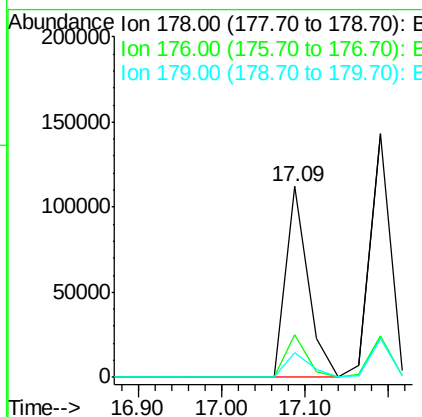
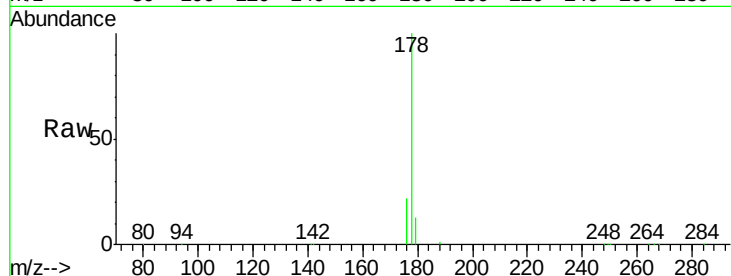




#23
 Phenanthrene
 Concen: 6.11 ng
 RT: 17.09 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: BM004169.D
 Acq: 02 Feb 2016 18:22

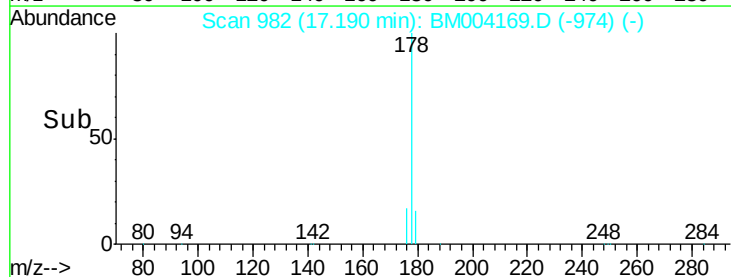
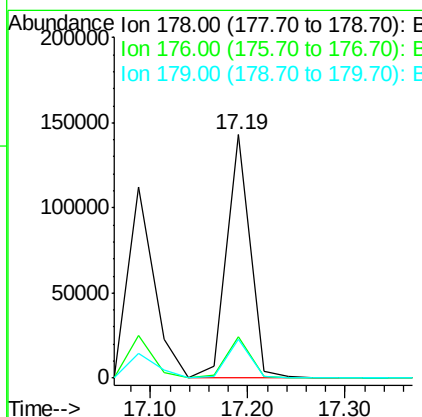
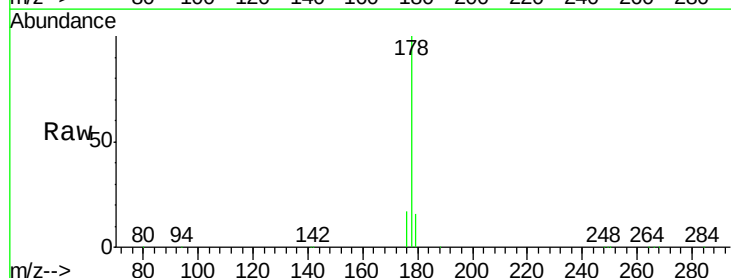
Instrument :
 BNA_M
 ClientSampleId :
 WELDON-WC-SC-018MS

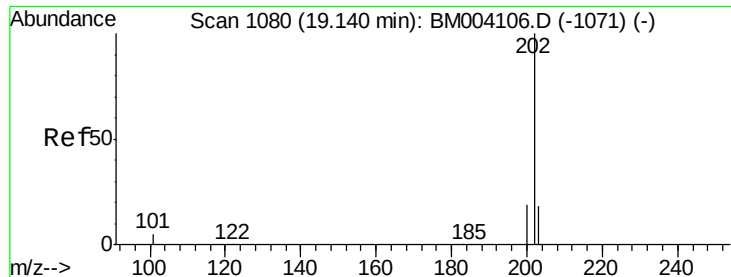
Tgt Ion:178 Resp: 208054
 Ion Ratio Lower Upper
 178 100
 176 20.6 15.4 23.0
 179 14.4 12.2 18.4



#24
 Anthracene
 Concen: 5.85 ng
 RT: 17.19 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: BM004169.D
 Acq: 02 Feb 2016 18:22

Tgt Ion:178 Resp: 236662
 Ion Ratio Lower Upper
 178 100
 176 17.6 14.6 21.8
 179 15.5 12.6 19.0





#25

Fluoranthene

Concen: 5.42 ng

RT: 19.14 min Scan# 1080

Delta R.T. -0.00 min

Lab File: BM004169.D

Acq: 02 Feb 2016 18:22

Instrument :

BNA_M

ClientSampleId :

WELDON-WC-SC-018MS

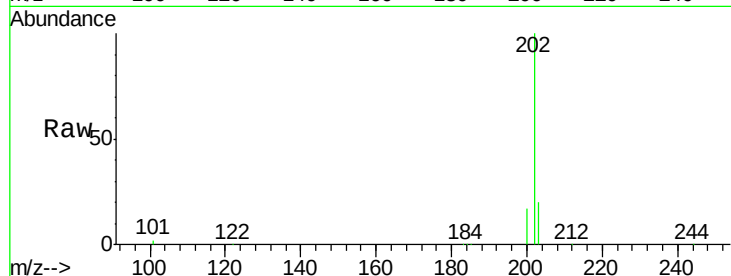
Tgt Ion:202 Resp: 259921

Ion Ratio Lower Upper

202 100

101 12.2 9.7 14.5

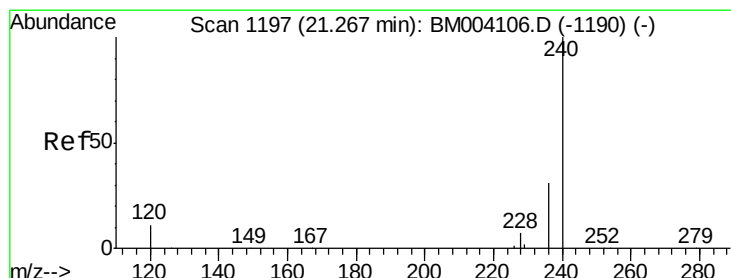
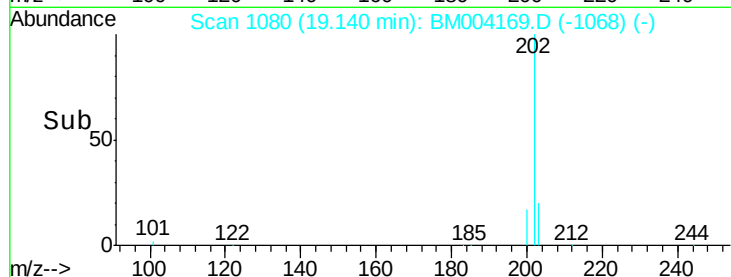
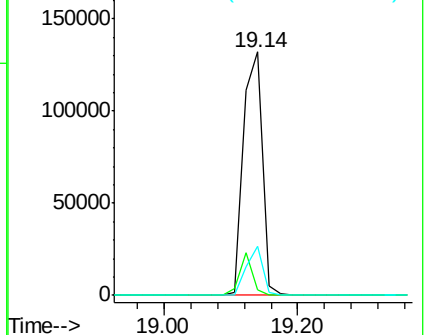
203 17.6 13.8 20.8



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



#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.27 min Scan# 1197

Delta R.T. -0.00 min

Lab File: BM004169.D

Acq: 02 Feb 2016 18:22

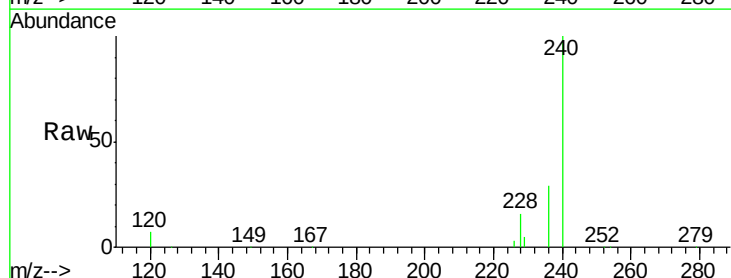
Tgt Ion:240 Resp: 196210

Ion Ratio Lower Upper

240 100

120 7.3 0.9 1.3#

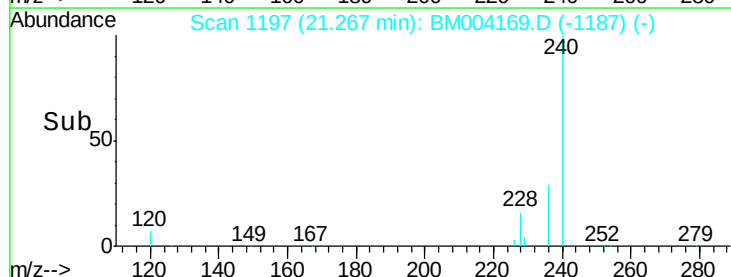
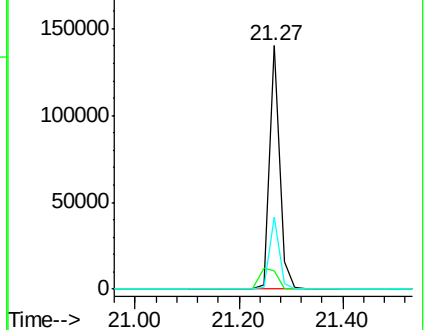
236 29.4 17.3 25.9#

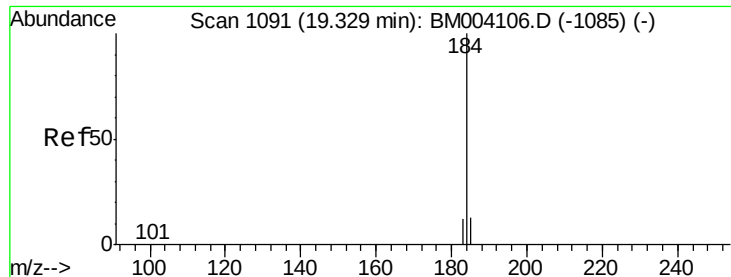


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 5.64 ng

RT: 19.33 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BM004169.D

Acq: 02 Feb 2016 18:22

Instrument :

BNA_M

ClientSampleId :

WELDON-WC-SC-018MS

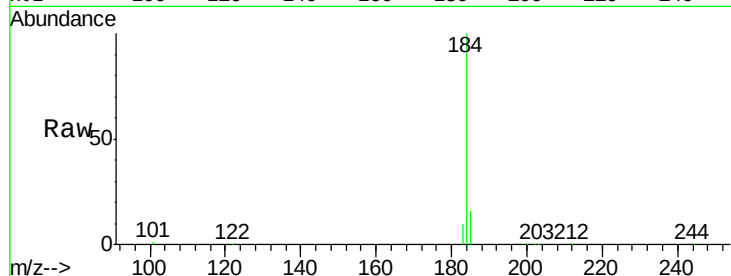
Tgt Ion:184 Resp: 86736

Ion Ratio Lower Upper

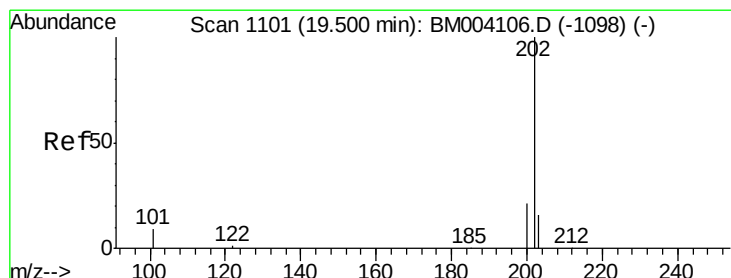
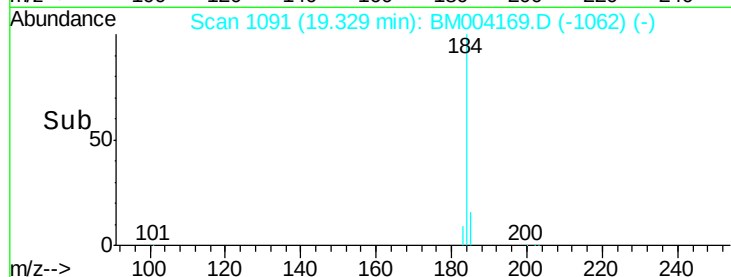
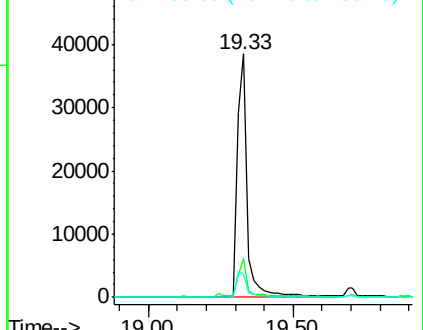
184 100

185 16.2 13.2 19.8

183 9.8 9.0 13.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#28

Pyrene

Concen: 5.24 ng

RT: 19.50 min Scan# 1101

Delta R.T. 0.00 min

Lab File: BM004169.D

Acq: 02 Feb 2016 18:22

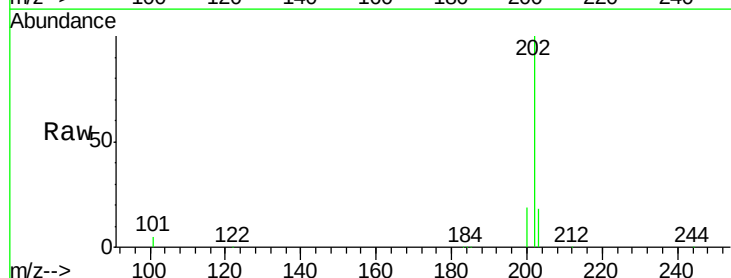
Tgt Ion:202 Resp: 283959

Ion Ratio Lower Upper

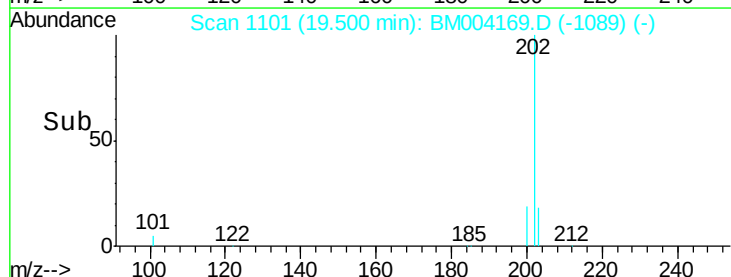
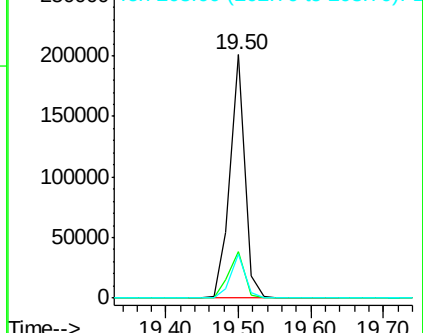
202 100

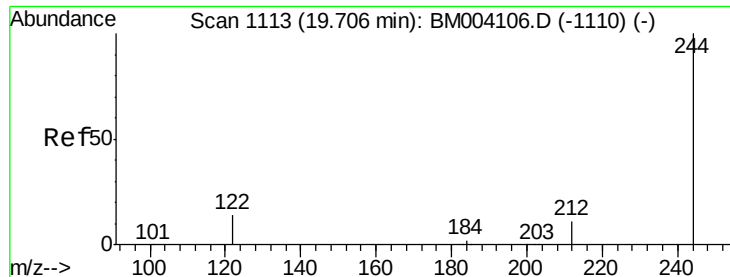
200 20.5 16.6 24.8

203 18.0 14.0 21.0



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





#29

Terphenyl-d14

Concen: 5.18 ng

RT: 19.71 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BM004169.D

Acq: 02 Feb 2016 18:22

Instrument :

BNA_M

ClientSampleId :

WELDON-WC-SC-018MS

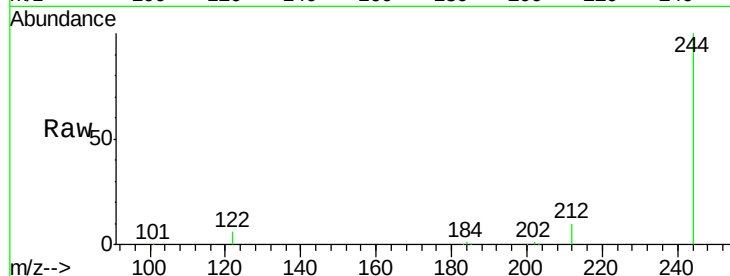
Tgt Ion:244 Resp: 129209

Ion Ratio Lower Upper

244 100

212 9.9 7.0 10.6

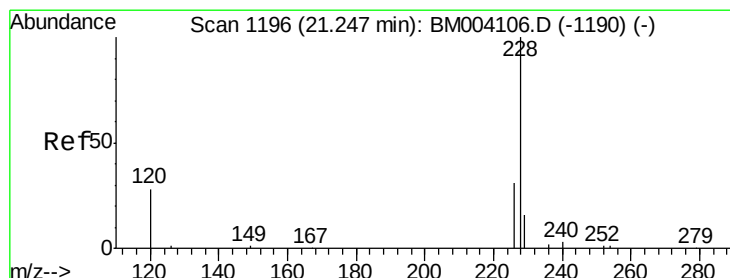
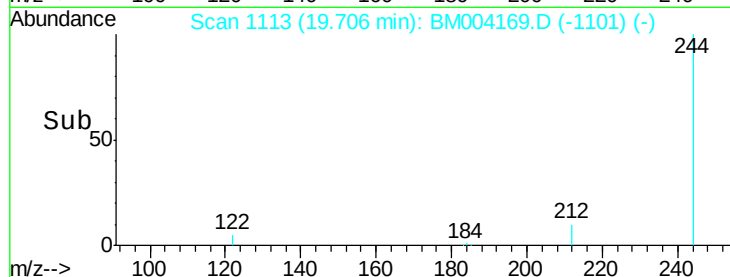
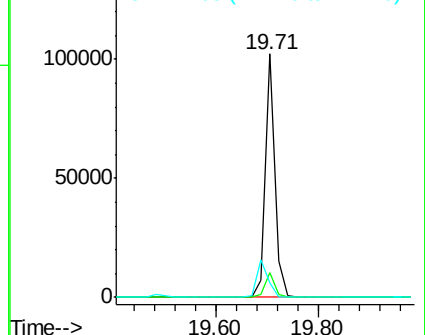
122 6.0 3.0 4.6#



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



#30

Benzo(a)anthracene

Concen: 3.33 ng

RT: 21.31 min Scan# 1199

Delta R.T. 0.06 min

Lab File: BM004169.D

Acq: 02 Feb 2016 18:22

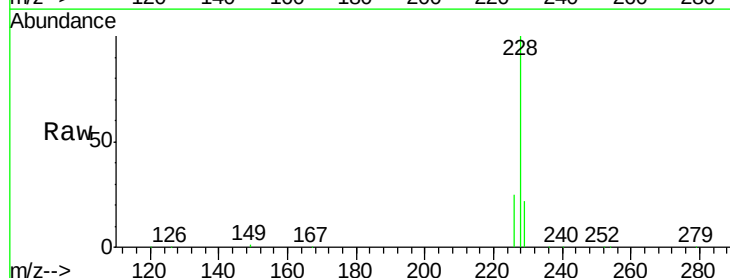
Tgt Ion:228 Resp: 191820

Ion Ratio Lower Upper

228 100

226 25.4 17.2 25.8

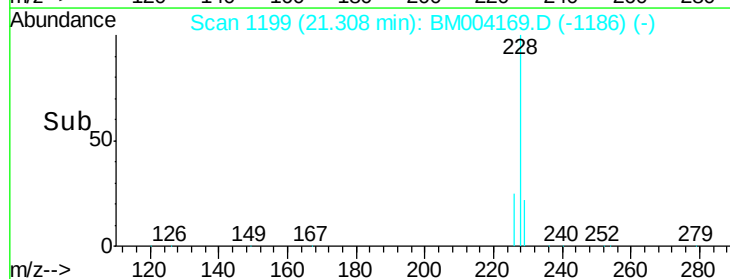
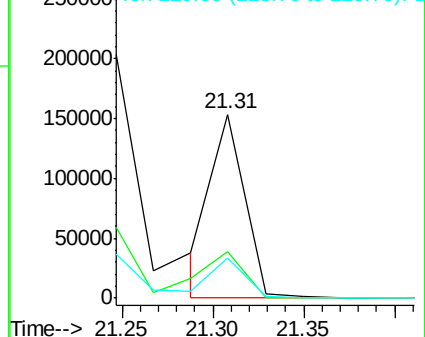
229 22.1 18.7 28.1

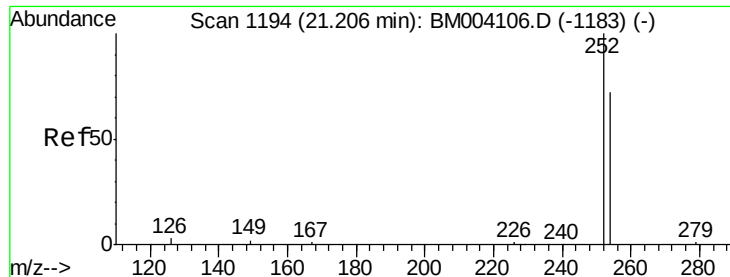


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

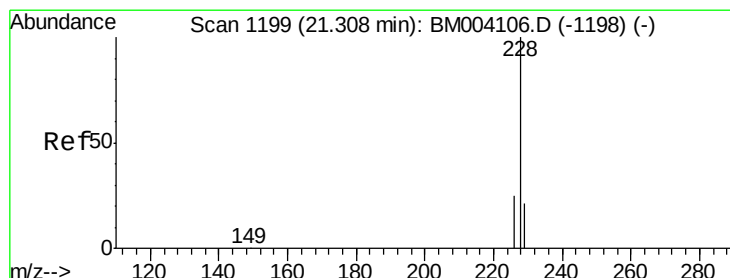
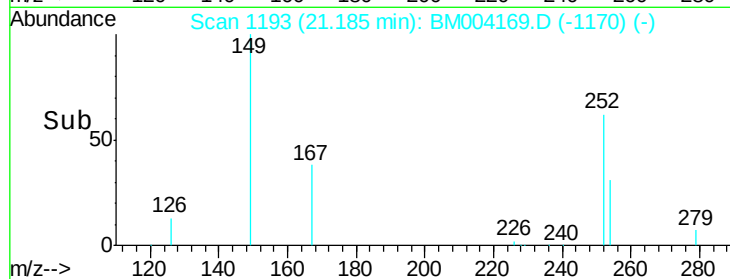
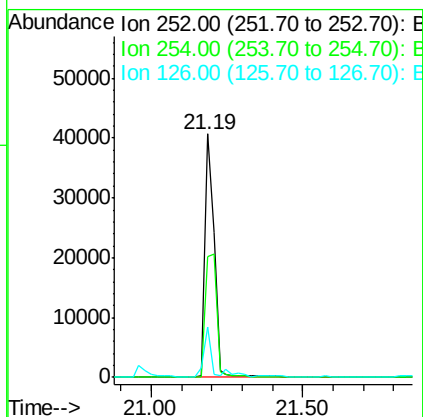
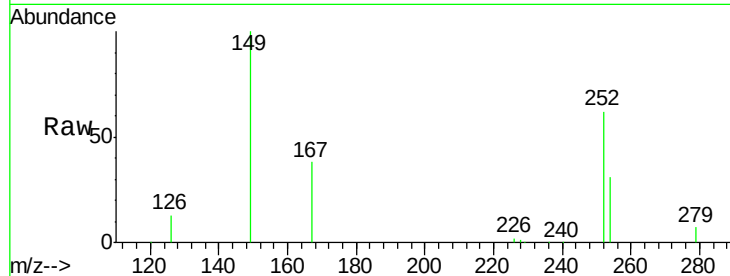




#31
 3,3'-Dichlorobenzidine
 Concen: 5.22 ng
 RT: 21.19 min Scan# 1193
 Delta R.T. -0.02 min
 Lab File: BM004169.D
 Acq: 02 Feb 2016 18:22

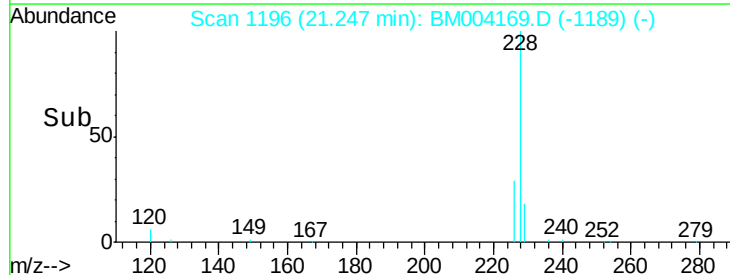
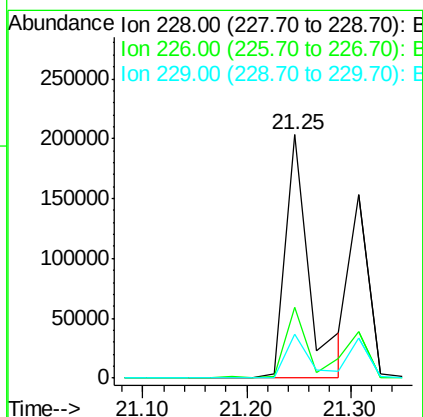
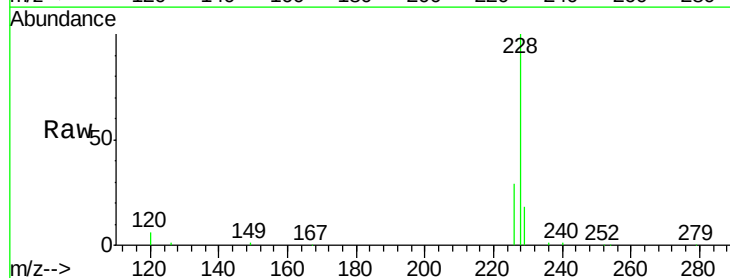
Instrument :
 BNA_M
 ClientSampleId :
 WELDON-WC-SC-018MS

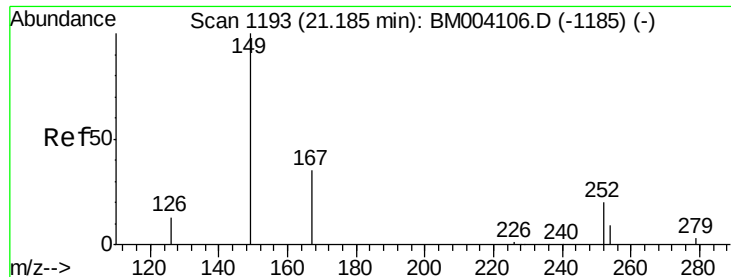
Tgt Ion: 252 Resp: 83977
 Ion Ratio Lower Upper
 252 100
 254 49.6 52.6 79.0#
 126 20.7 3.7 5.5#



#32
 Chrysene
 Concen: 6.73 ng
 RT: 21.25 min Scan# 1196
 Delta R.T. -0.06 min
 Lab File: BM004169.D
 Acq: 02 Feb 2016 18:22

Tgt Ion: 228 Resp: 329524
 Ion Ratio Lower Upper
 228 100
 226 28.9 25.3 37.9
 229 17.8 14.5 21.7

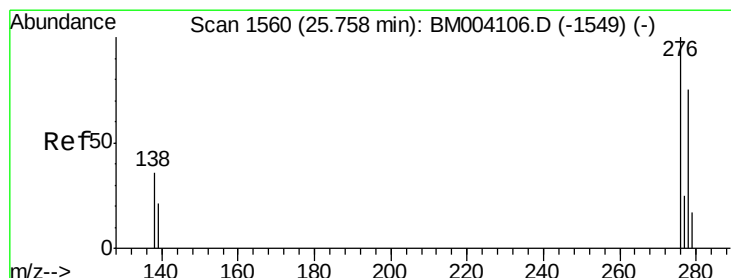
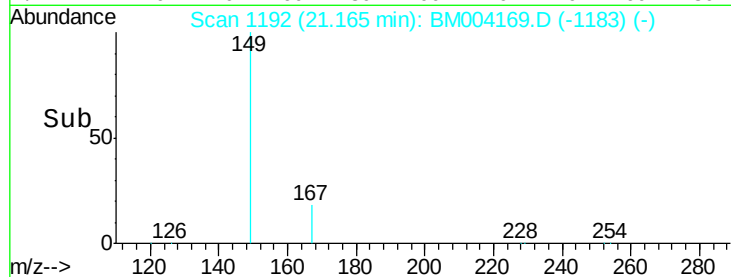
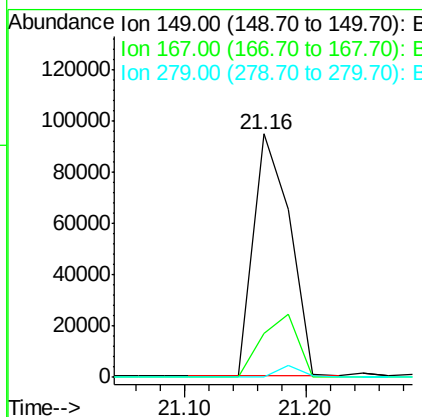
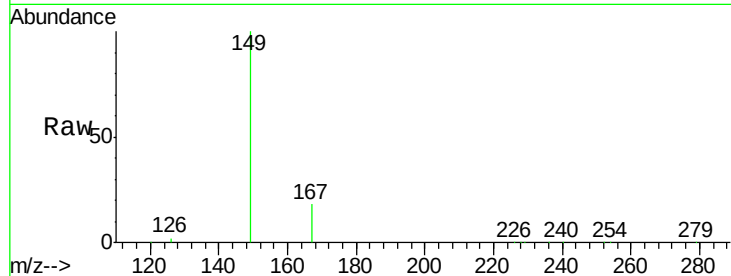




#33
 Bis(2-ethylhexyl)phthalate
 Concen: 6.45 ng
 RT: 21.16 min Scan# 1192
 Delta R.T. -0.02 min
 Lab File: BM004169.D
 Acq: 02 Feb 2016 18:22

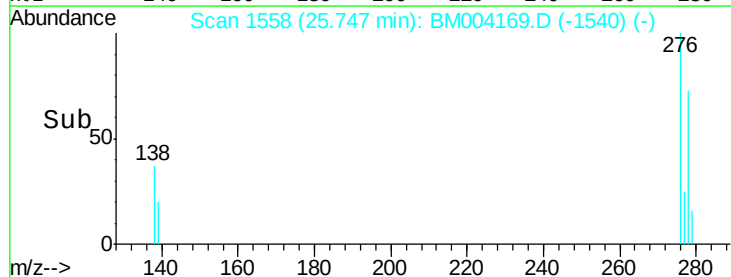
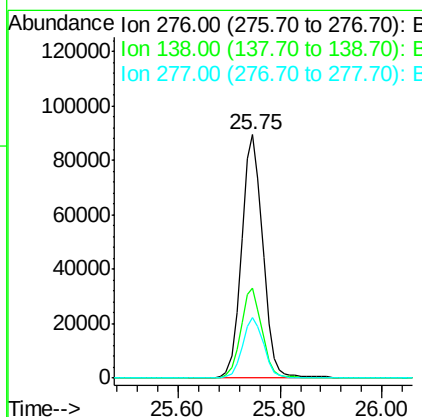
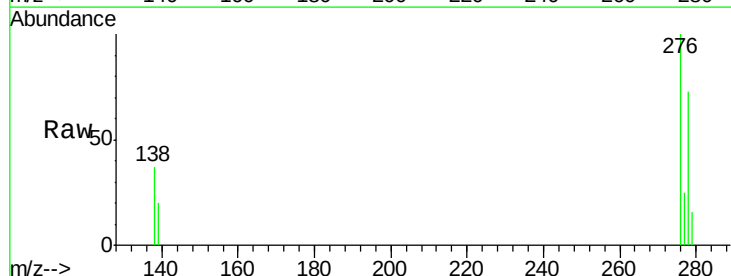
Instrument :
 BNA_M
 ClientSampleId :
 WELDON-WC-SC-018MS

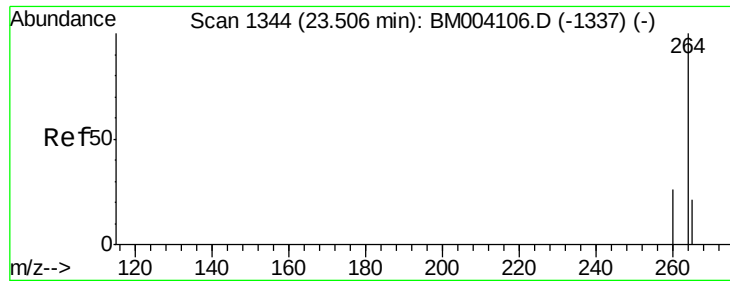
Tgt Ion: 149 Resp: 197419
 Ion Ratio Lower Upper
 149 100
 167 0.0 20.1 30.1#
 279 0.0 1.8 2.6#



#34
 Indeno(1,2,3-cd)pyrene
 Concen: 4.36 ng
 RT: 25.75 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BM004169.D
 Acq: 02 Feb 2016 18:22

Tgt Ion: 276 Resp: 256808
 Ion Ratio Lower Upper
 276 100
 138 36.6 30.2 45.2
 277 24.7 19.8 29.8

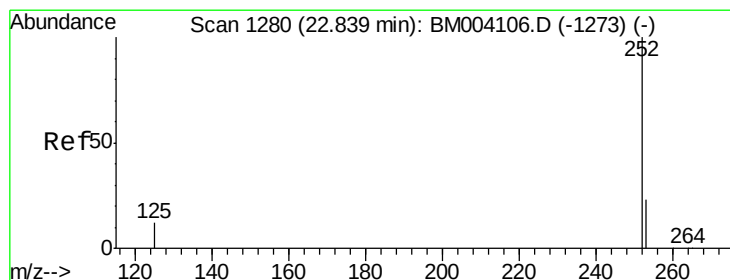
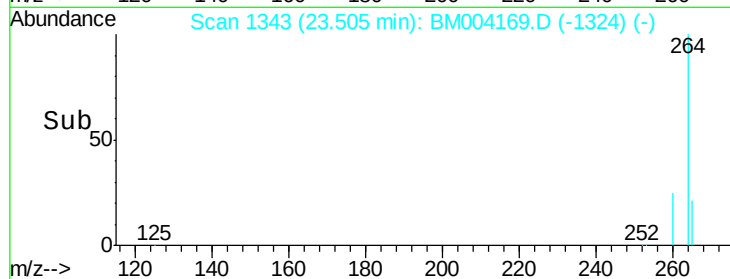
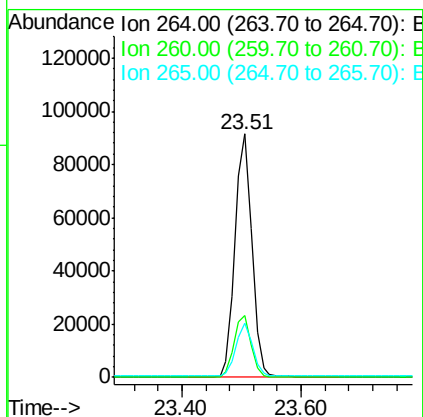
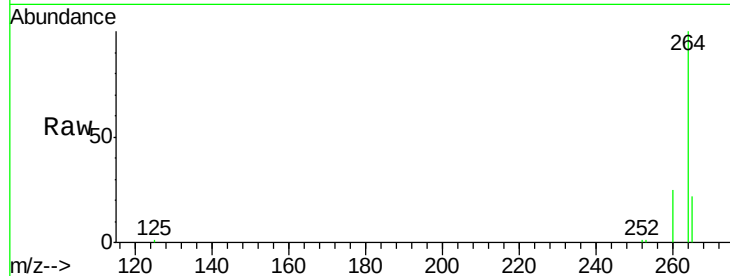




#35
Perylene-d12
Concen: 5.00 ng
RT: 23.51 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BM004169.D
Acq: 02 Feb 2016 18:22

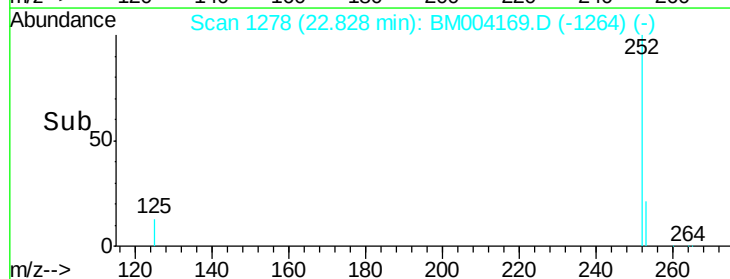
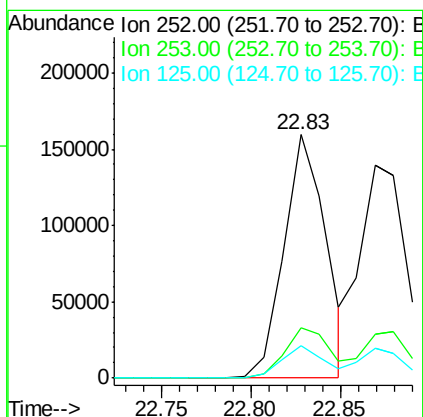
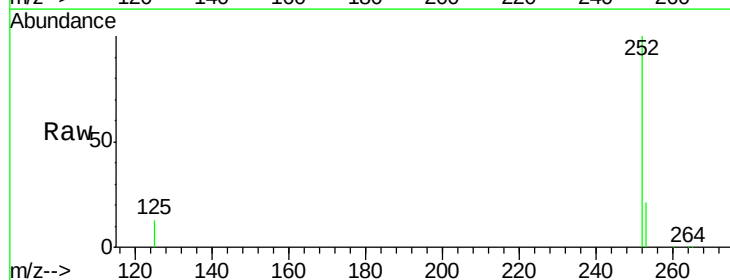
Instrument :
BNA_M
ClientSampleId :
WELDON-WC-SC-018MS

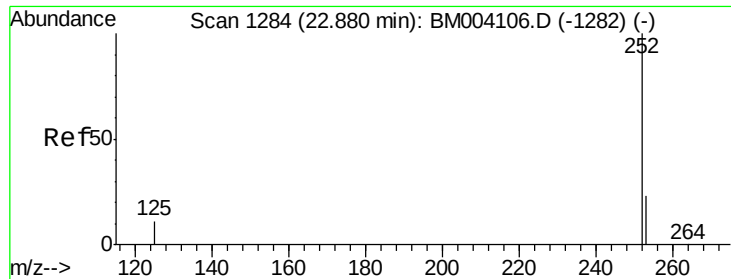
Tgt Ion: 264 Resp: 177736
Ion Ratio Lower Upper
264 100
260 25.4 21.2 31.8
265 22.0 16.7 25.1



#36
Benzo(b)fluoranthene
Concen: 4.71 ng
RT: 22.83 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BM004169.D
Acq: 02 Feb 2016 18:22

Tgt Ion: 252 Resp: 259781
Ion Ratio Lower Upper
252 100
253 20.8 18.8 28.2
125 13.4 10.2 15.4





#37

Benzo(k)fluoranthene

Concen: 5.05 ng

RT: 22.87 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BM004169.D

Acq: 02 Feb 2016 18:22

Instrument :

BNA_M

ClientSampleId :

WELDON-WC-SC-018MS

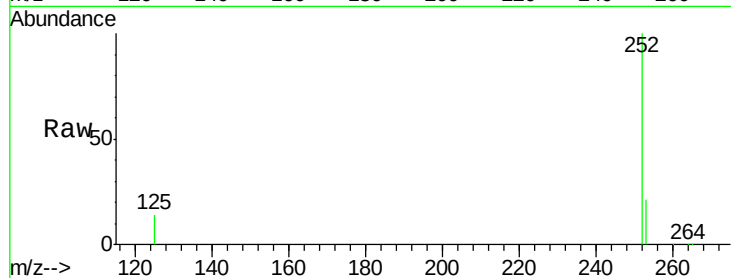
Tgt Ion: 252 Resp: 252189

Ion Ratio Lower Upper

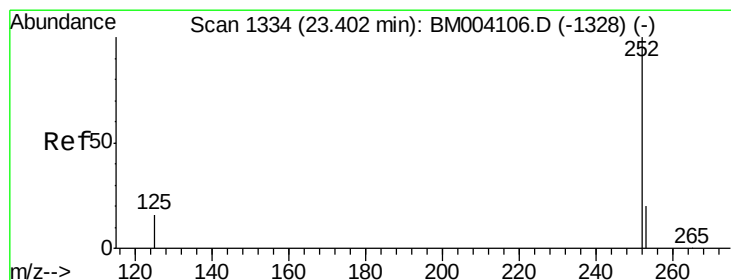
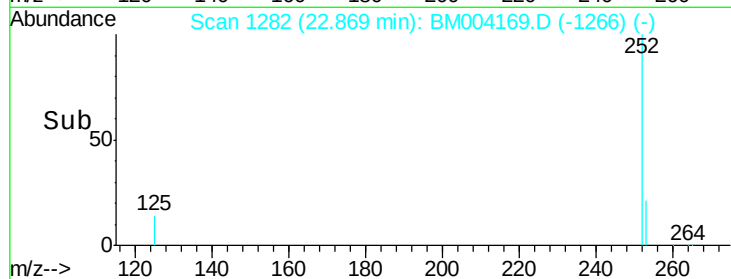
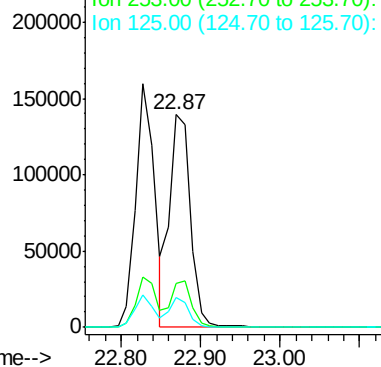
252 100

253 20.8 18.3 27.5

125 13.9 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



#38

Benzo(a)pyrene

Concen: 5.13 ng

RT: 23.40 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BM004169.D

Acq: 02 Feb 2016 18:22

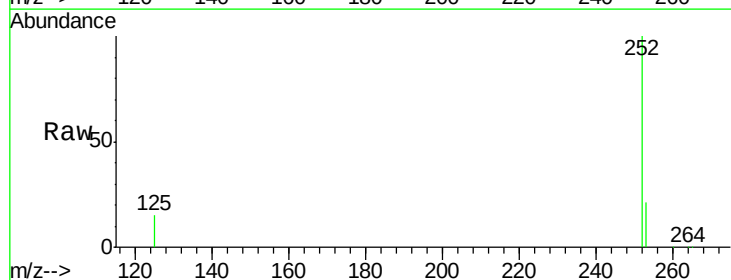
Tgt Ion: 252 Resp: 248922

Ion Ratio Lower Upper

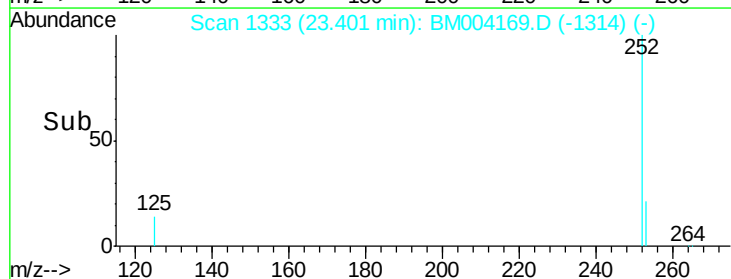
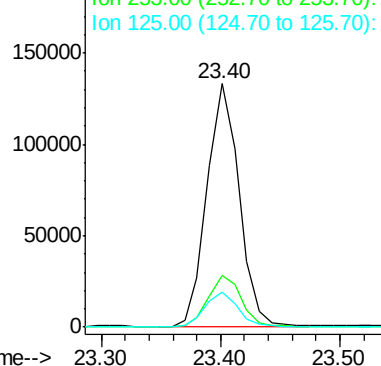
252 100

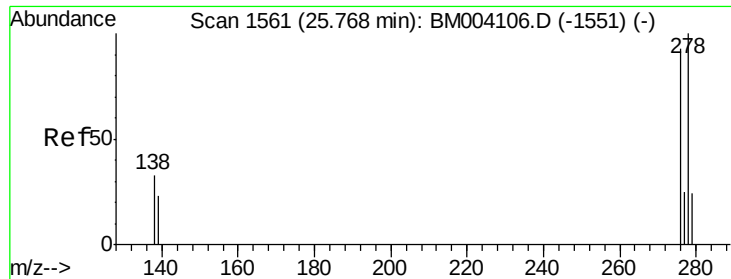
253 21.4 18.7 28.1

125 14.6 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





#39

Dibenzo(a,h)anthracene

Concen: 4.71 ng

RT: 25.76 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BM004169.D

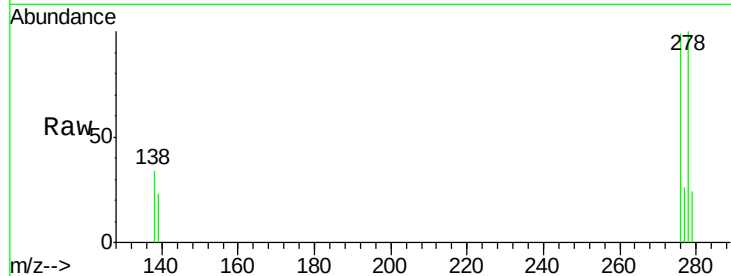
Acq: 02 Feb 2016 18:22

Instrument :

BNA_M

ClientSampleId :

WELDON-WC-SC-018MS



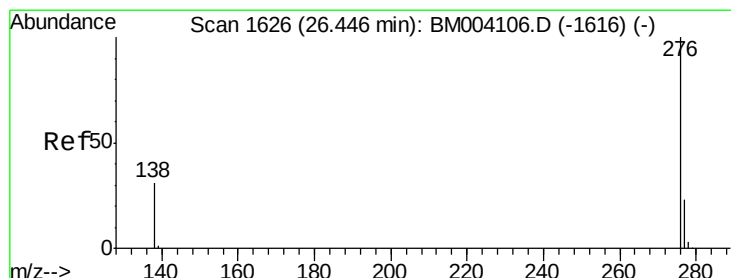
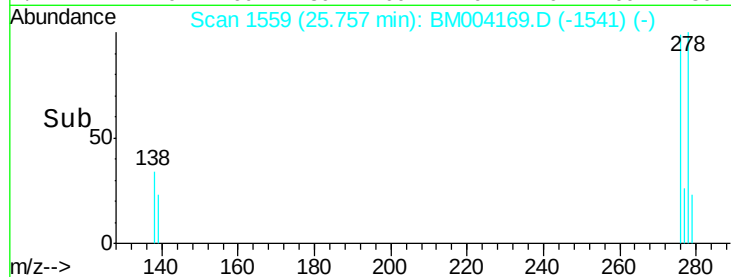
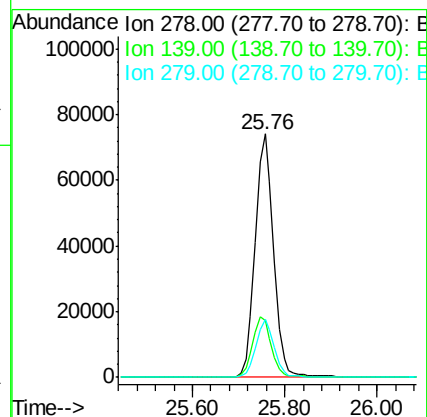
Tgt Ion: 278 Resp: 205372

Ion Ratio Lower Upper

278 100

139 23.3 19.0 28.6

279 23.6 19.6 29.4



#40

Benzo(g,h,i)perylene

Concen: 4.52 ng

RT: 26.43 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BM004169.D

Acq: 02 Feb 2016 18:22

Tgt Ion: 276 Resp: 215244

Ion Ratio Lower Upper

276 100

277 23.4 19.1 28.7

138 30.7 25.0 37.4

