

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM100915\
 Data File : BM002884.D
 Acq On : 09 Oct 2015 14:45
 Operator : UM/IZ
 Sample : PB85646BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB85646BL

Quant Time: Oct 10 05:02:29 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM100815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 09 06:47:52 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	91974	5.00	ng	-0.02
7) Naphthalene-d8	11.52	136	362146	5.00	ng	0.00
13) Acenaphthene-d10	15.25	164	189932	5.00	ng	0.00
19) Phenanthrene-d10	17.95	188	411292	5.00	ng	0.00
26) Chrysene-d12	22.06	240	375111	5.00	ng	0.00
35) Perylene-d12	24.63	264	305402	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	6.12	112	126465	6.43	ng	-0.03
5) Phenol-d6	7.79	99	160432	6.60	ng	-0.02
8) Nitrobenzene-d5	9.87	82	62782	3.45	ng	0.00
14) 2,4,6-Tribromophenol	16.74	330	34866	5.54	ng	0.00
15) 2-Fluorobiphenyl	13.89	172	213670	3.71	ng	-0.01
29) Terphenyl-d14	20.48	244	195135	3.90	ng	-0.02

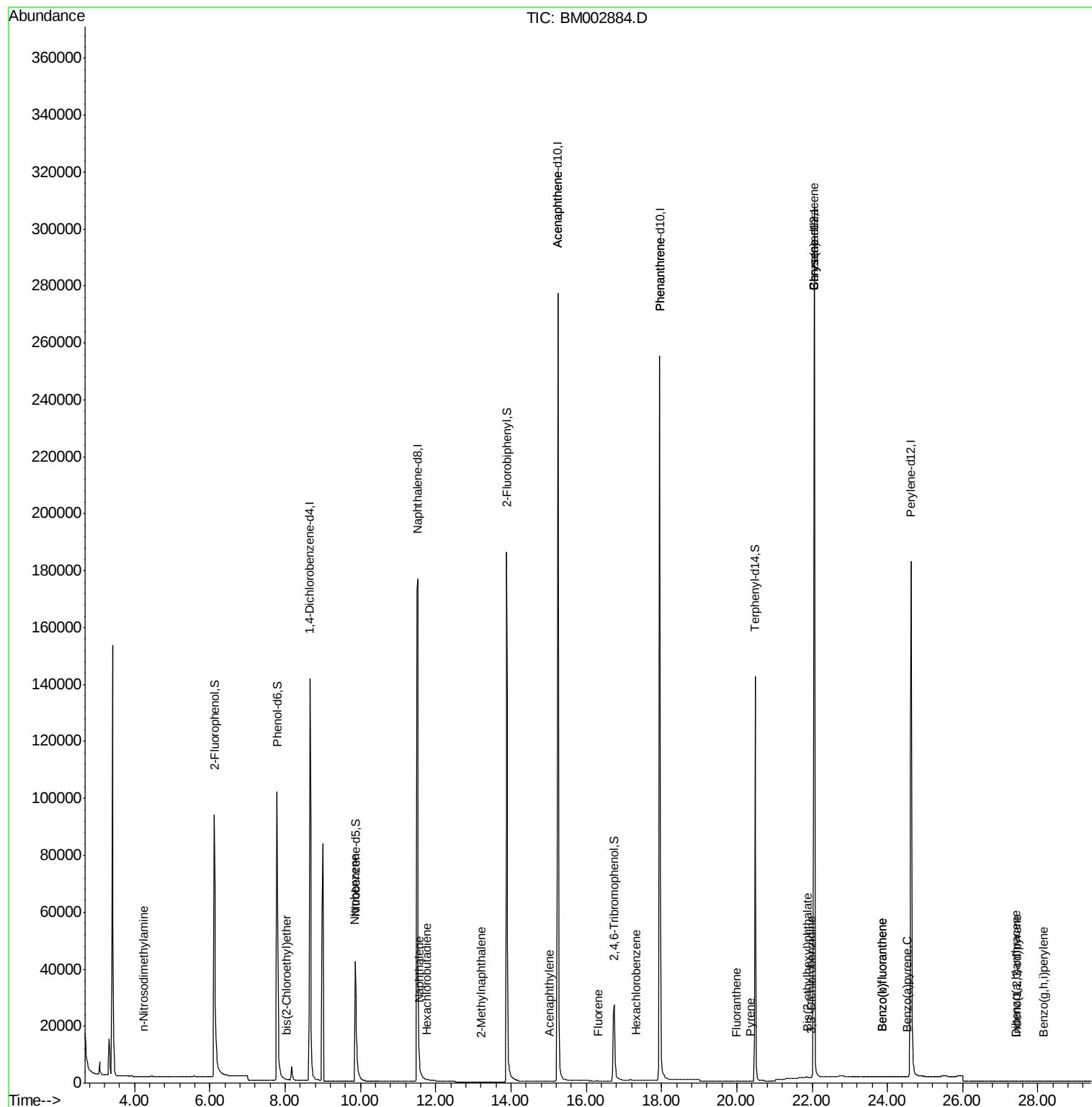
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	4.25	42	8	0.00	ng	# 1
6) bis(2-Chloroethyl)ether	8.04	93	7	0.00	ng	# 25
9) Nitrobenzene	9.86	77	212	0.01	ng	# 28
10) Naphthalene	11.56	128	94	0.00	ng	# 1
11) Hexachlorobutadiene	11.76	225	8	0.00	ng	# 43
12) 2-Methylnaphthalene	13.21	142	21	0.00	ng	# 16
16) Acenaphthylene	15.01	152	12	0.00	ng	# 62
17) Acenaphthene	15.25	154	750	0.01	ng	# 100
18) Fluorene	16.32	166	48	0.00	ng	# 47
21) Hexachlorobenzene	17.31	284	25	0.00	ng	# 1
23) Phenanthrene	17.95	178	238	0.00	ng	# 1
25) Fluoranthene	20.00	202	126	0.00	ng	# 81
28) Pyrene	20.36	202	127	0.00	ng	# 89
30) Benzo(a)anthracene	22.06	228	1424	0.01	ng	# 74
31) 3,3'-Dichlorobenzidine	21.97	252	52	0.00	ng	# 76
32) Chrysene	22.06	228	1456	0.01	ng	# 73
33) Bis(2-ethylhexyl)phthalate	21.87	149	1090	0.02	ng	# 95
34) Indeno(1,2,3-cd)pyrene	27.43	276	141	0.00	ng	# 95
36) Benzo(b)fluoranthene	23.86	252	198	0.00	ng	# 1
37) Benzo(k)fluoranthene	23.86	252	198	0.00	ng	# 1
38) Benzo(a)pyrene	24.52	252	135	0.00	ng	# 1
39) Dibenzo(a,h)anthracene	27.41	278	123	0.00	ng	# 1
40) Benzo(g,h,i)perylene	28.14	276	9	0.00	ng	# 1

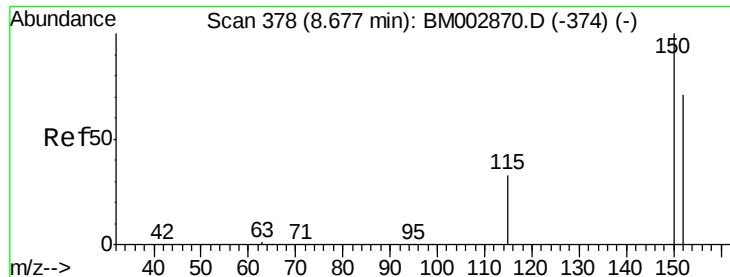
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.66 min Scan# 377

Delta R.T. -0.02 min

Lab File: BM002884.D

Acq: 09 Oct 2015 14:45

Instrument :

BNA_M

ClientSampleId :

PB85646BL

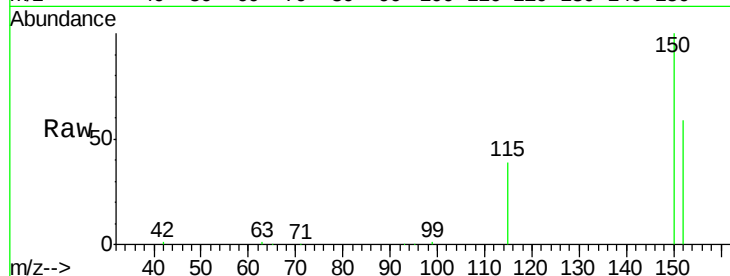
Tgt Ion:152 Resp: 91974

Ion Ratio Lower Upper

152 100

150 168.2 113.0 169.6

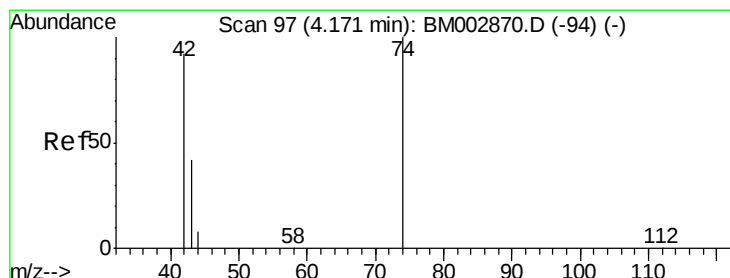
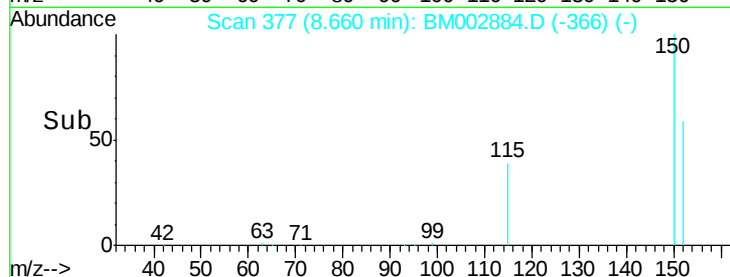
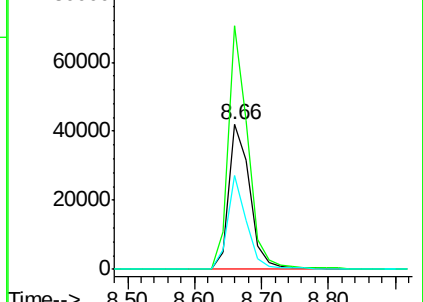
115 65.0 37.9 56.9#



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



#3

n-Nitrosodimethylamine

Concen: 0.00 ng

RT: 4.25 min Scan# 102

Delta R.T. 0.08 min

Lab File: BM002884.D

Acq: 09 Oct 2015 14:45

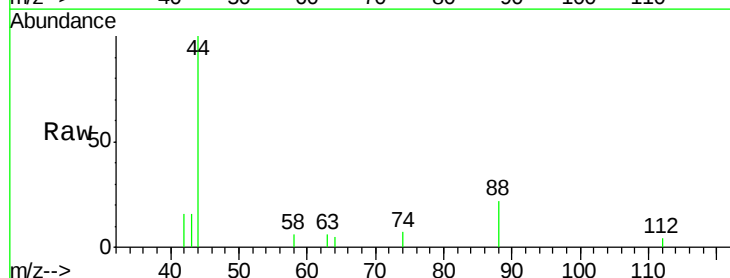
Tgt Ion: 42 Resp: 8

Ion Ratio Lower Upper

42 100

74 100.0 119.7 179.5#

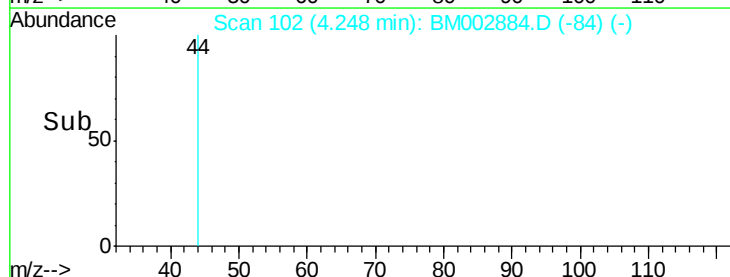
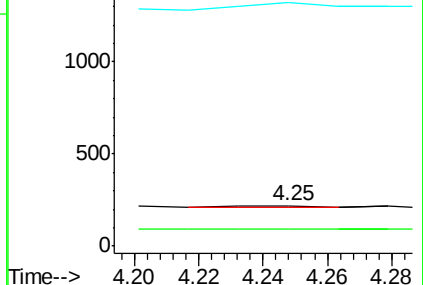
44 1237.5 9.8 14.6#

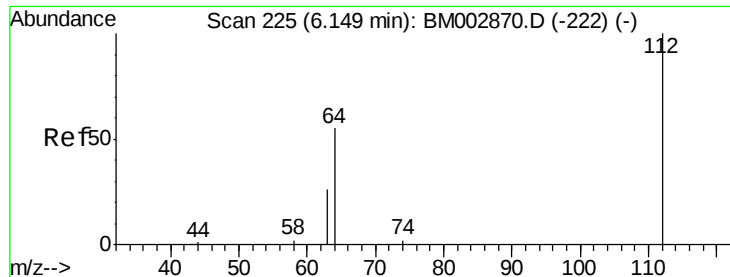


Abundance Ion 42.00 (41.70 to 42.70): BM0

Ion 74.00 (73.70 to 74.70): BM0

Ion 44.00 (43.70 to 44.70): BM0





#4

2-Fluorophenol

Concen: 6.43 ng

RT: 6.12 min Scan# 223

Delta R.T. -0.03 min

Lab File: BM002884.D

Acq: 09 Oct 2015 14:45

Instrument :

BNA_M

ClientSampleID :

PB85646BL

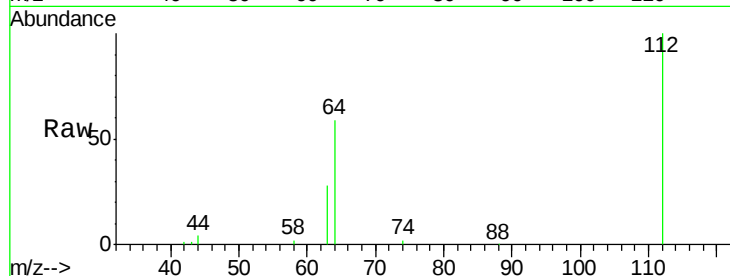
Tgt Ion: 112 Resp: 126465

Ion Ratio Lower Upper

112 100

64 51.5 42.0 63.0

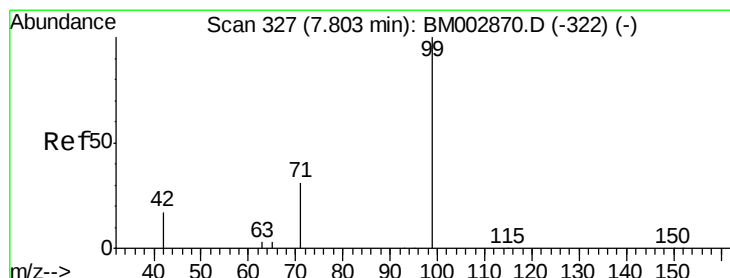
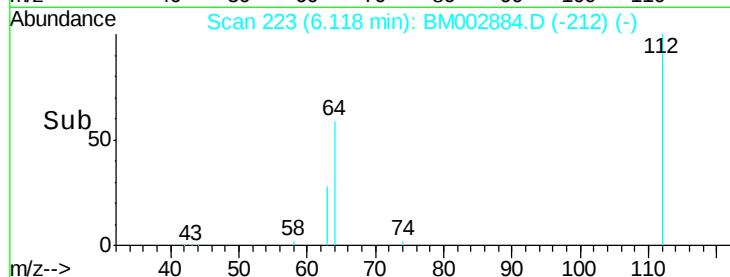
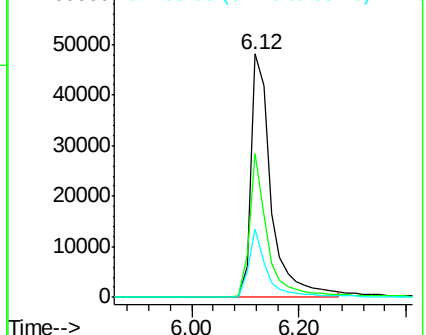
63 24.3 20.0 30.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#5

Phenol-d6

Concen: 6.60 ng

RT: 7.79 min Scan# 326

Delta R.T. -0.02 min

Lab File: BM002884.D

Acq: 09 Oct 2015 14:45

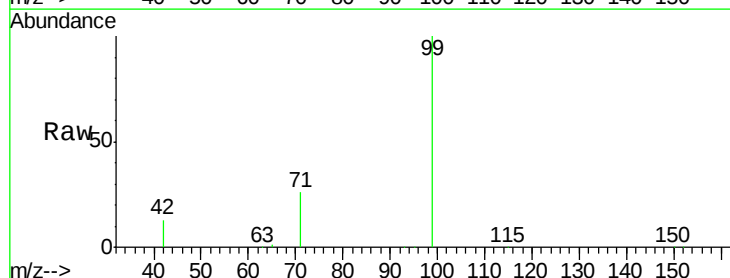
Tgt Ion: 99 Resp: 160432

Ion Ratio Lower Upper

99 100

42 14.7 12.4 18.6

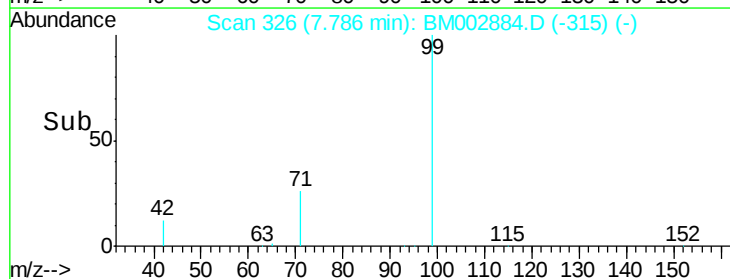
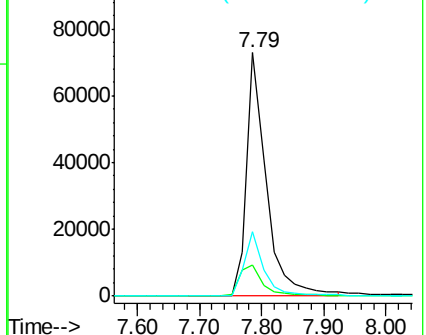
71 26.3 21.4 32.0

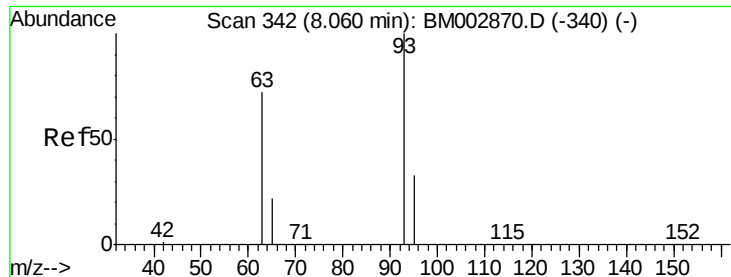


Abundance Ion 99.00 (98.70 to 99.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 71.00 (70.70 to 71.70): BM





#6

bis(2-Chloroethyl)ether

Concen: 0.00 ng

RT: 8.04 min Scan# 341

Delta R.T. -0.02 min

Lab File: BM002884.D

Acq: 09 Oct 2015 14:45

Instrument :

BNA_M

ClientSampleId :

PB85646BL

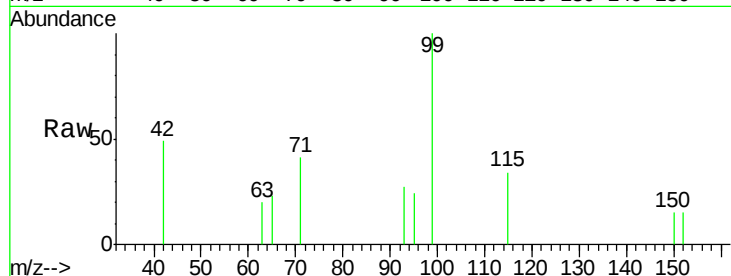
Tgt Ion: 93 Resp: 7

Ion Ratio Lower Upper

93 100

63 0.0 52.9 79.3#

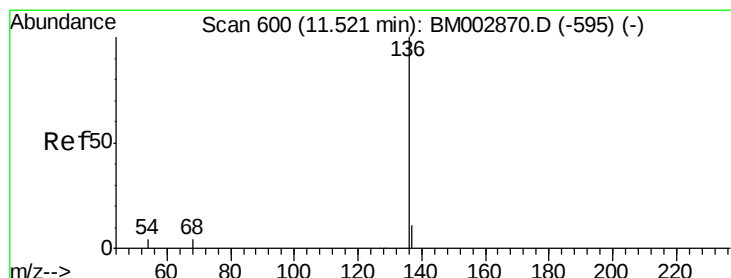
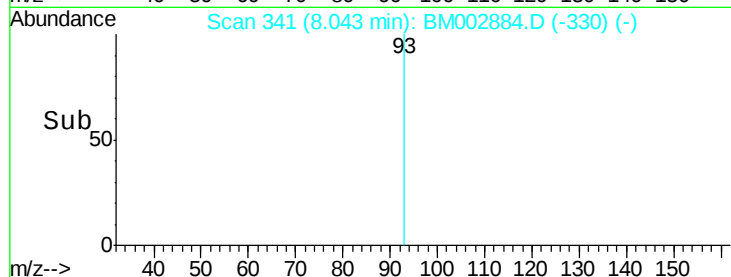
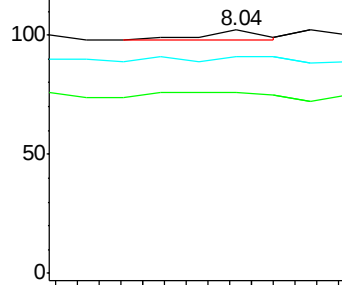
95 0.0 25.2 37.8#



Abundance Ion 93.00 (92.70 to 93.70): BM002884.D (-330) (-)

Ion 63.00 (62.70 to 63.70): BM002884.D (-330) (-)

Ion 95.00 (94.70 to 95.70): BM002884.D (-330) (-)



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 11.52 min Scan# 600

Delta R.T. -0.00 min

Lab File: BM002884.D

Acq: 09 Oct 2015 14:45

Tgt Ion: 136 Resp: 362146

Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 4.2 3.5 5.3

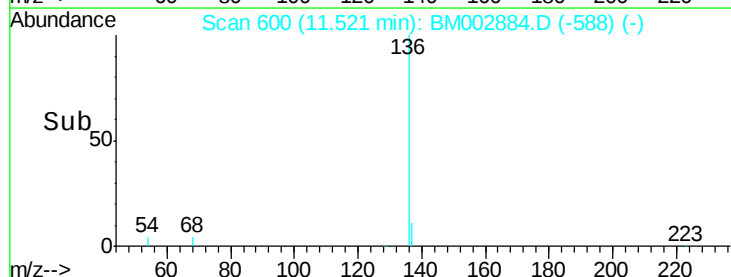
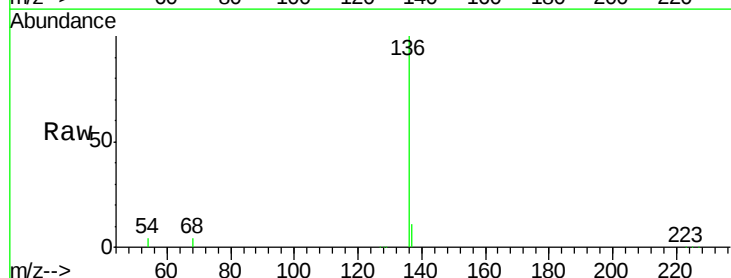
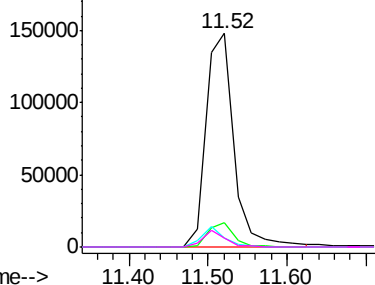
68 3.9 3.3 4.9

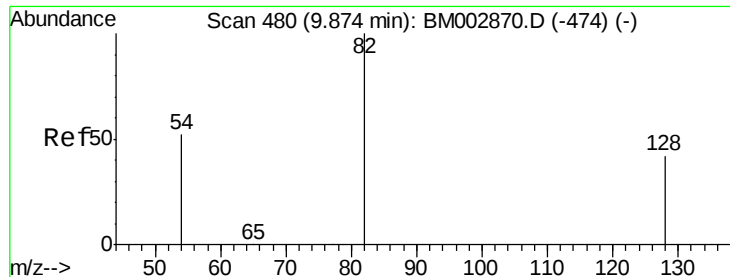
Abundance Ion 136.00 (135.70 to 136.70): BM002884.D (-588) (-)

Ion 137.00 (136.70 to 137.70): BM002884.D (-588) (-)

Ion 54.00 (53.70 to 54.70): BM002884.D (-588) (-)

Ion 68.00 (67.70 to 68.70): BM002884.D (-588) (-)





#8

Nitrobenzene-d5

Concen: 3.45 ng

RT: 9.87 min Scan# 480

Delta R.T. -0.00 min

Lab File: BM002884.D

Acq: 09 Oct 2015 14:45

Instrument :

BNA_M

ClientSampleId :

PB85646BL

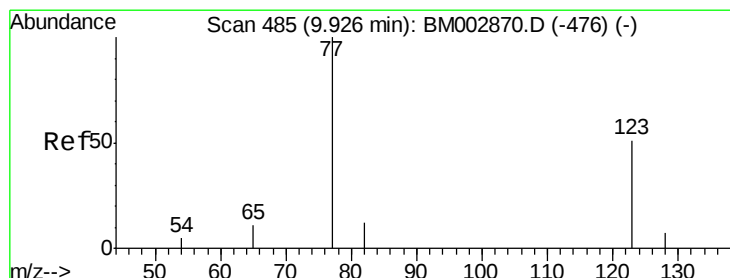
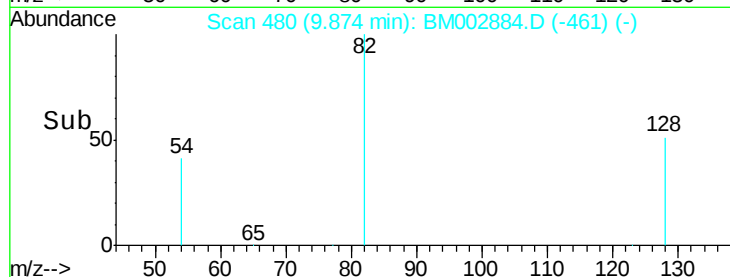
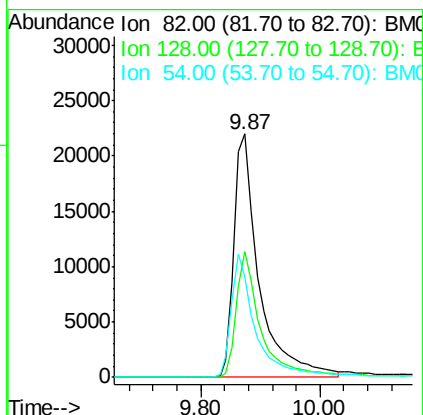
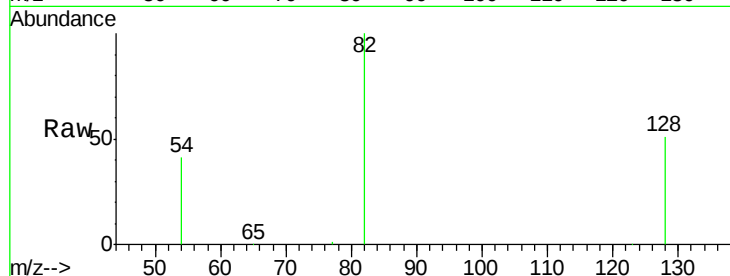
Tgt Ion: 82 Resp: 62782

Ion Ratio Lower Upper

82 100

128 51.4 34.1 51.1#

54 41.3 42.6 63.8#



#9

Nitrobenzene

Concen: 0.01 ng

RT: 9.86 min Scan# 479

Delta R.T. -0.06 min

Lab File: BM002884.D

Acq: 09 Oct 2015 14:45

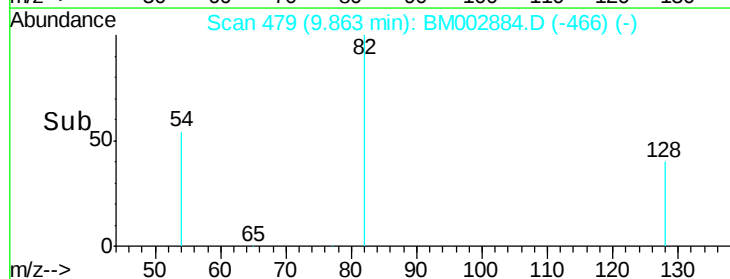
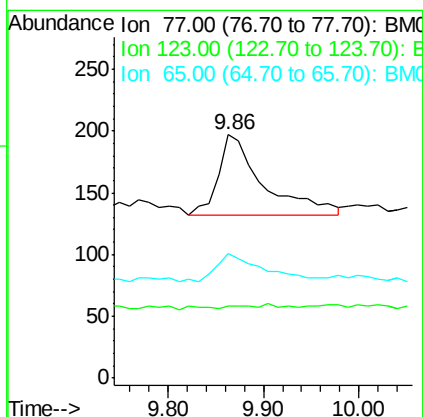
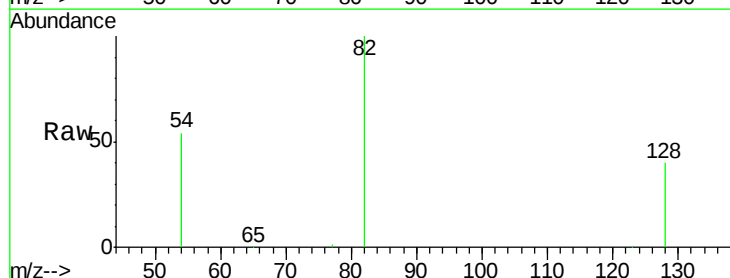
Tgt Ion: 77 Resp: 212

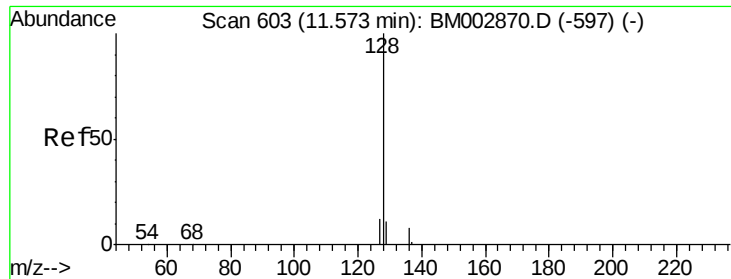
Ion Ratio Lower Upper

77 100

123 0.0 41.0 61.4#

65 36.8 9.7 14.5#

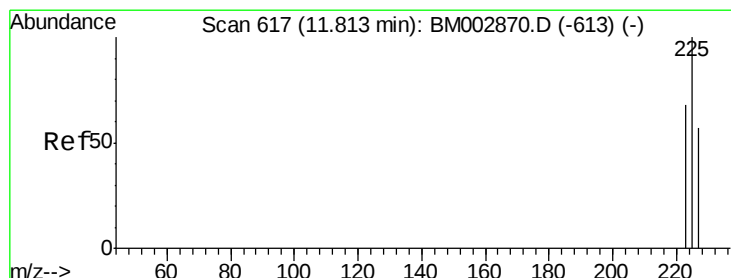
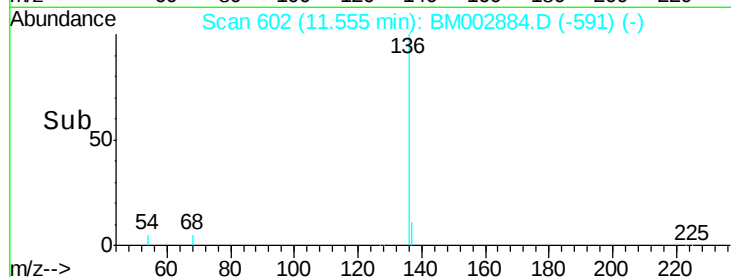
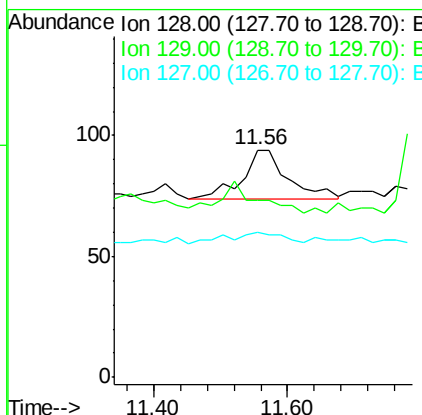
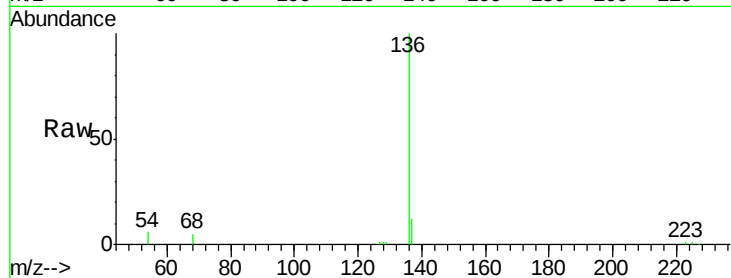




#10
Naphthalene
Concen: 0.00 ng
RT: 11.56 min Scan# 602
Delta R.T. -0.02 min
Lab File: BM002884.D
Acq: 09 Oct 2015 14:45

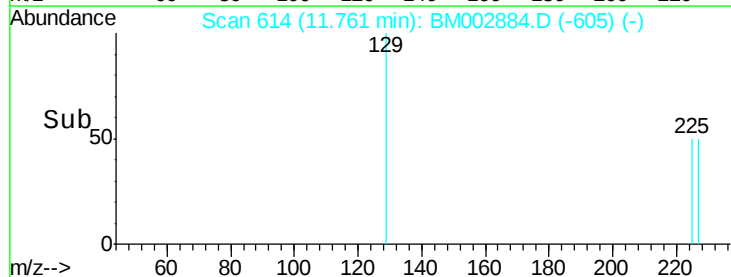
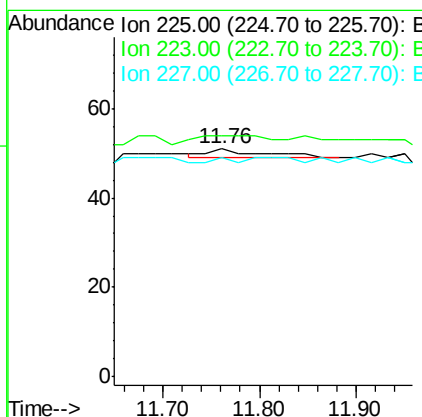
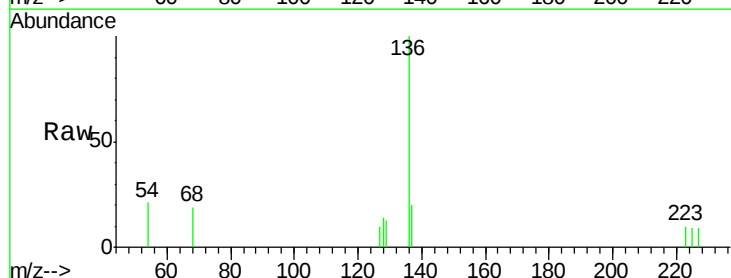
Instrument :
BNA_M
ClientSampled :
PB85646BL

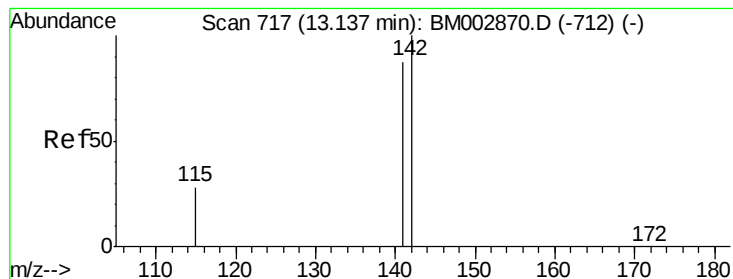
Tgt Ion:128 Resp: 94
Ion Ratio Lower Upper
128 100
129 77.7 9.4 14.2#
127 63.8 9.6 14.4#



#11
Hexachlorobutadiene
Concen: 0.00 ng
RT: 11.76 min Scan# 614
Delta R.T. -0.05 min
Lab File: BM002884.D
Acq: 09 Oct 2015 14:45

Tgt Ion:225 Resp: 8
Ion Ratio Lower Upper
225 100
223 137.5 50.1 75.1#
227 50.0 51.2 76.8#





#12

2-Methylnaphthalene

Concen: 0.00 ng

RT: 13.21 min Scan# 724

Delta R.T. 0.07 min

Lab File: BM002884.D

Acq: 09 Oct 2015 14:45

Instrument :

BNA_M

ClientSampleId :

PB85646BL

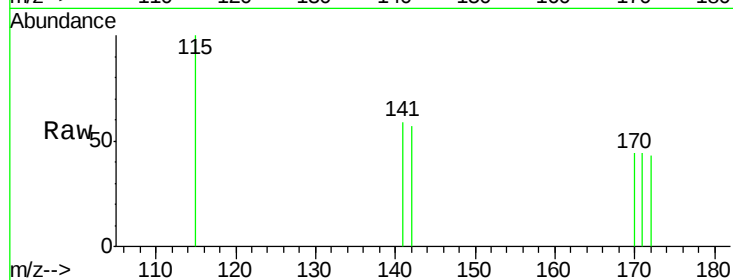
Tgt Ion:142 Resp: 21

Ion Ratio Lower Upper

142 100

141 104.6 69.4 104.0#

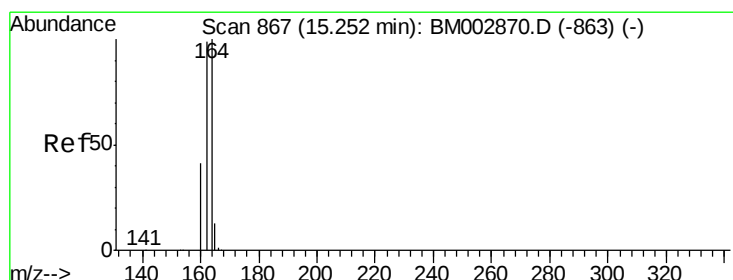
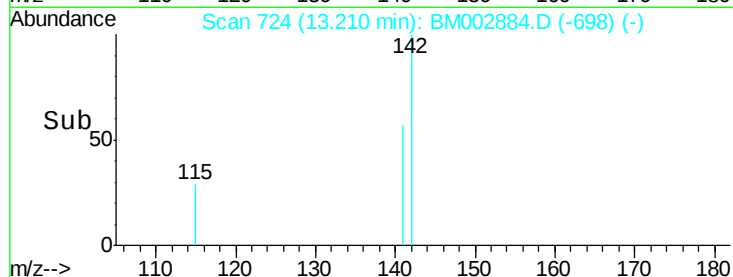
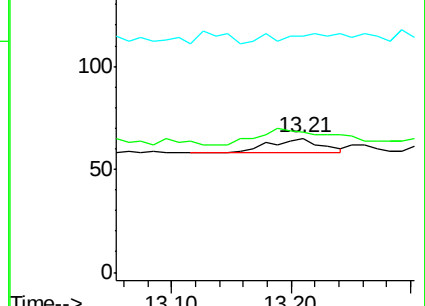
115 176.9 22.7 34.1#



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: 15.25 min Scan# 867

Delta R.T. -0.00 min

Lab File: BM002884.D

Acq: 09 Oct 2015 14:45

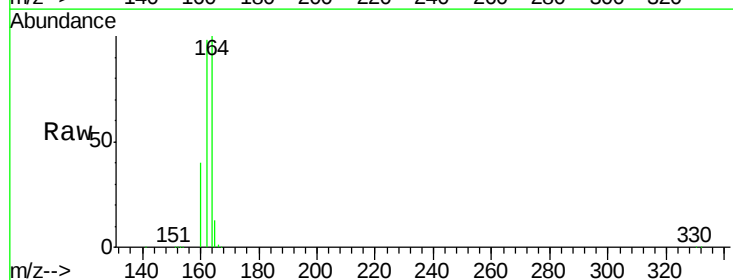
Tgt Ion:164 Resp: 189932

Ion Ratio Lower Upper

164 100

162 97.9 79.6 119.4

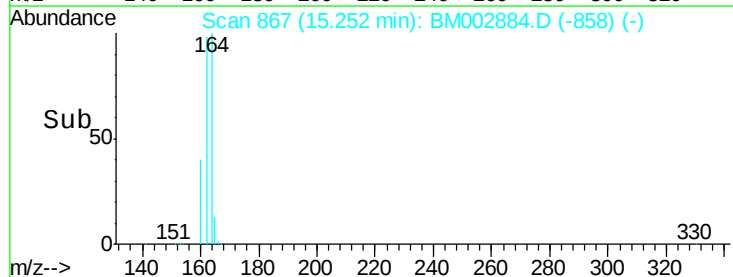
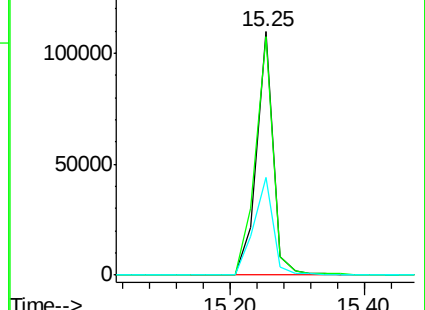
160 40.3 33.1 49.7

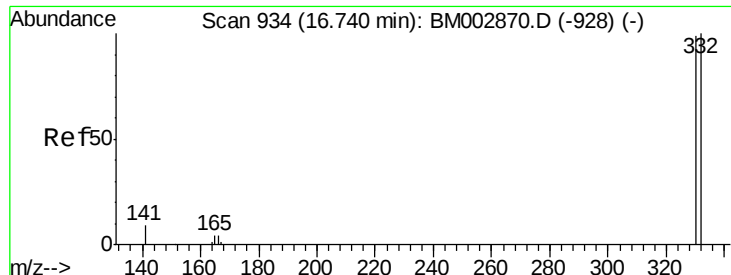


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

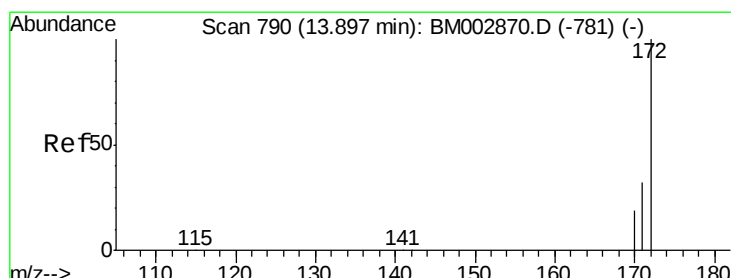
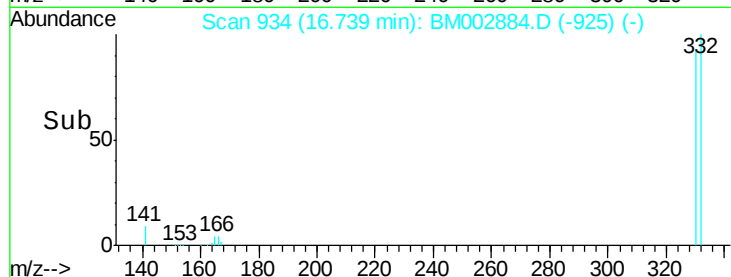
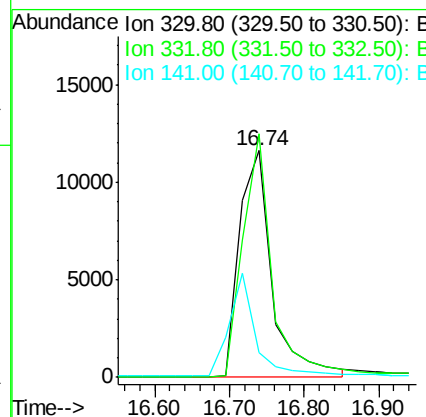
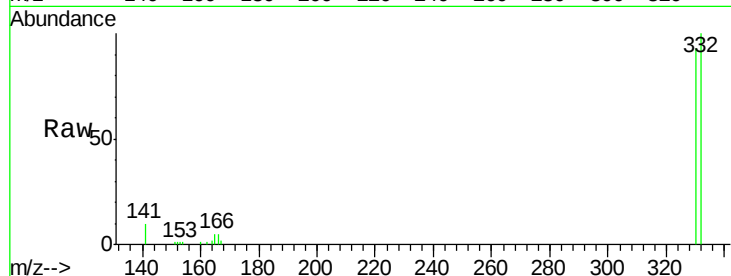




#14
 2,4,6-Tribromophenol
 Concen: 5.54 ng
 RT: 16.74 min Scan# 934
 Delta R.T. -0.00 min
 Lab File: BM002884.D
 Acq: 09 Oct 2015 14:45

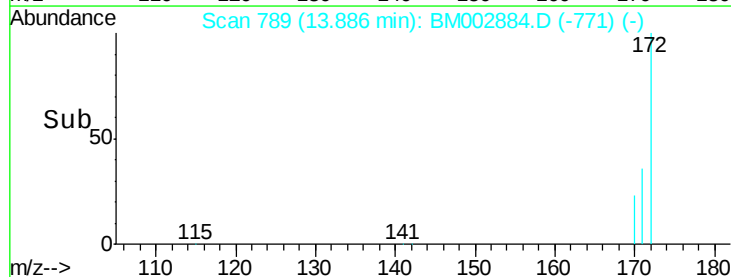
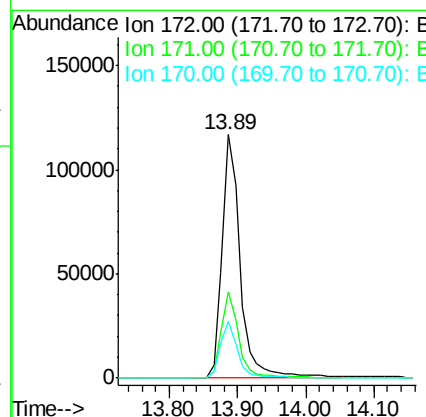
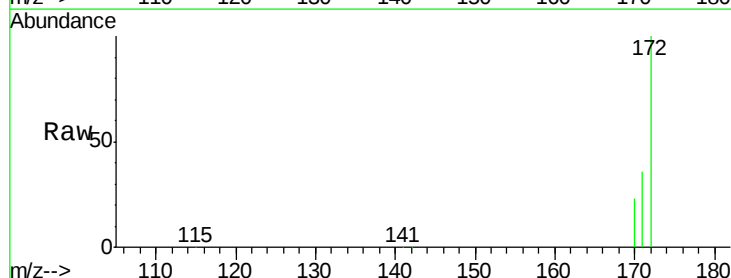
Instrument :
 BNA_M
 ClientSampleId :
 PB85646BL

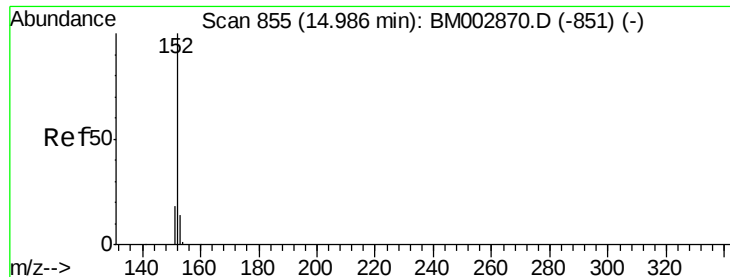
Tgt Ion:330 Resp: 34866
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 115.0
 141 0.0 0.0 0.0



#15
 2-Fluorobiphenyl
 Concen: 3.71 ng
 RT: 13.89 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BM002884.D
 Acq: 09 Oct 2015 14:45

Tgt Ion:172 Resp: 213670
 Ion Ratio Lower Upper
 172 100
 171 35.6 26.1 39.1
 170 23.4 15.7 23.5





#16

Acenaphthylene

Concen: 0.00 ng

RT: 15.01 min Scan# 856

Delta R.T. 0.02 min

Lab File: BM002884.D

Acq: 09 Oct 2015 14:45

Instrument :

BNA_M

ClientSampleId :

PB85646BL

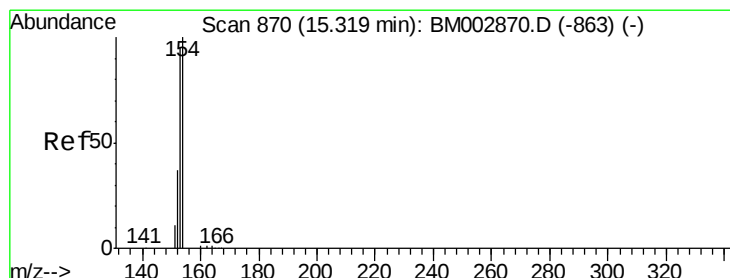
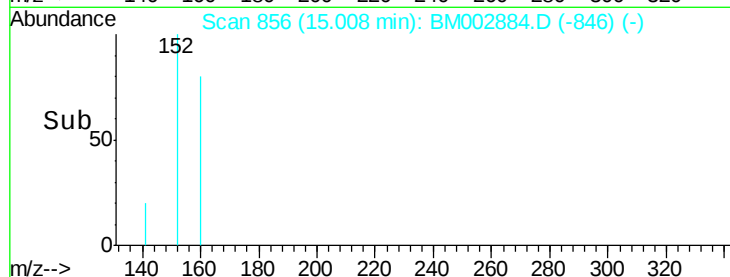
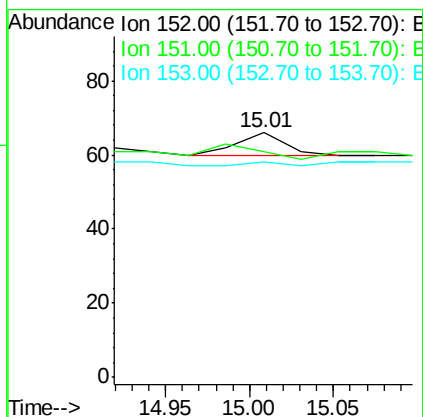
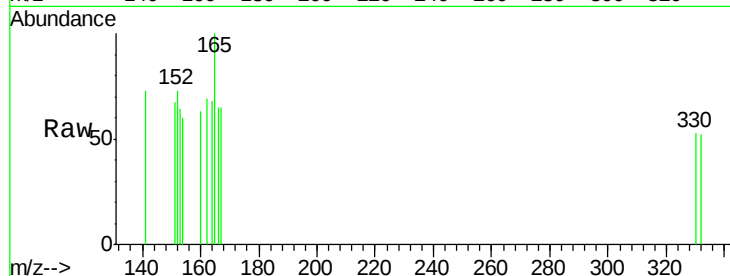
Tgt Ion:152 Resp: 12

Ion Ratio Lower Upper

152 100

151 0.0 15.3 22.9#

153 0.0 10.5 15.7#



#17

Acenaphthene

Concen: 0.01 ng

RT: 15.25 min Scan# 867

Delta R.T. -0.07 min

Lab File: BM002884.D

Acq: 09 Oct 2015 14:45

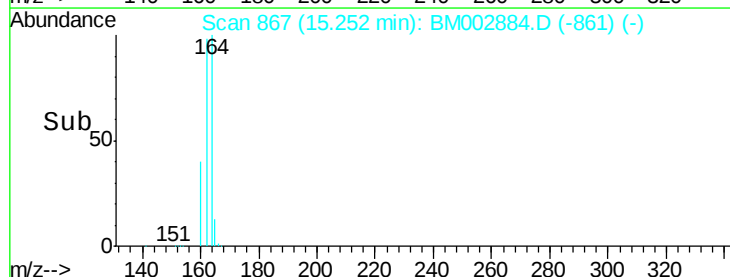
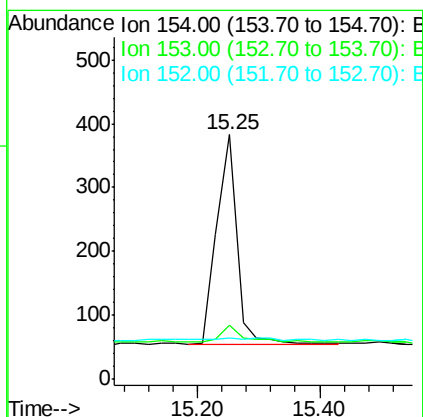
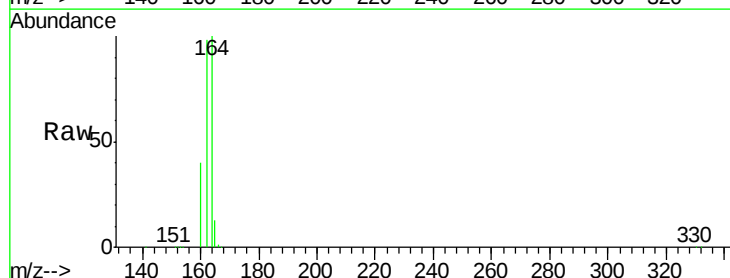
Tgt Ion:154 Resp: 750

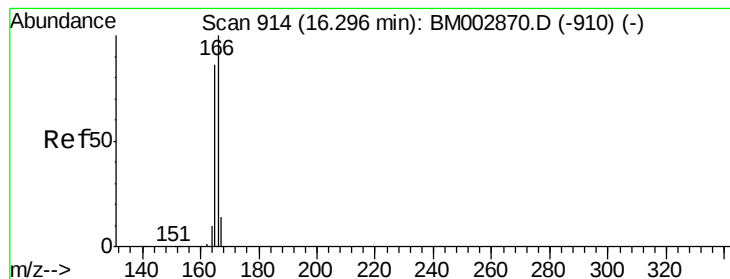
Ion Ratio Lower Upper

154 100

153 9.2 0.0 0.0#

152 3.7 0.0 0.0#





#18

Fluorene

Concen: 0.00 ng

RT: 16.32 min Scan# 915

Delta R.T. 0.02 min

Lab File: BM002884.D

Acq: 09 Oct 2015 14:45

Instrument :

BNA_M

ClientSampleId :

PB85646BL

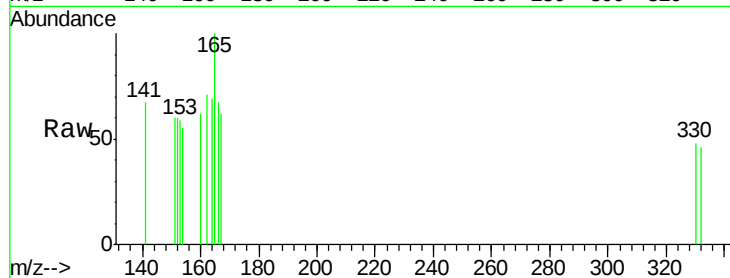
Tgt Ion:166 Resp: 48

Ion Ratio Lower Upper

166 100

165 41.7 77.3 115.9#

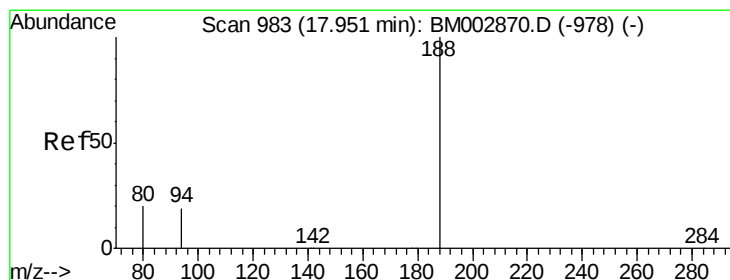
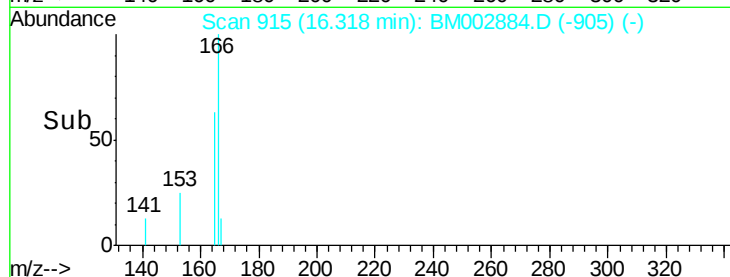
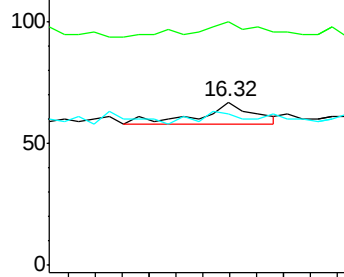
167 0.0 10.9 16.3#



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



#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.95 min Scan# 983

Delta R.T. -0.00 min

Lab File: BM002884.D

Acq: 09 Oct 2015 14:45

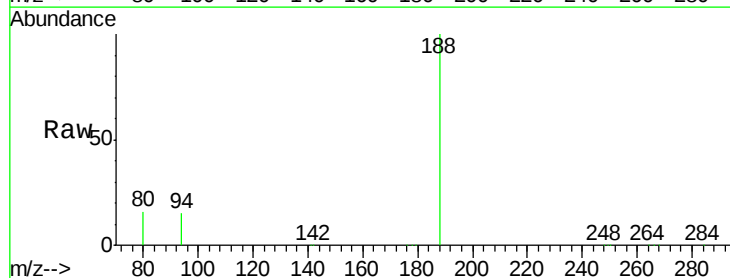
Tgt Ion:188 Resp: 411292

Ion Ratio Lower Upper

188 100

94 15.5 15.2 22.8

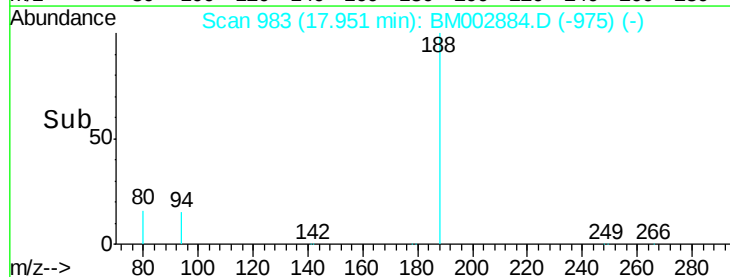
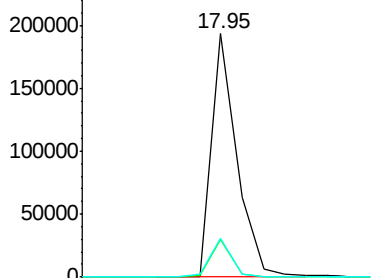
80 15.7 15.9 23.9#

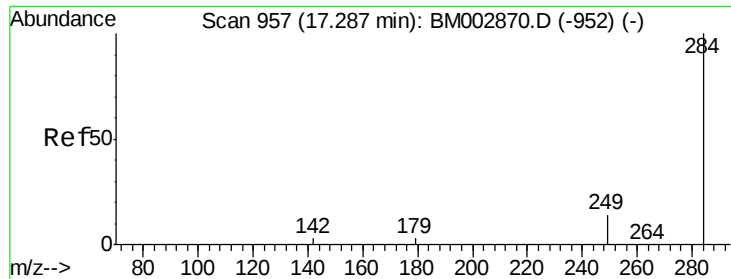


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

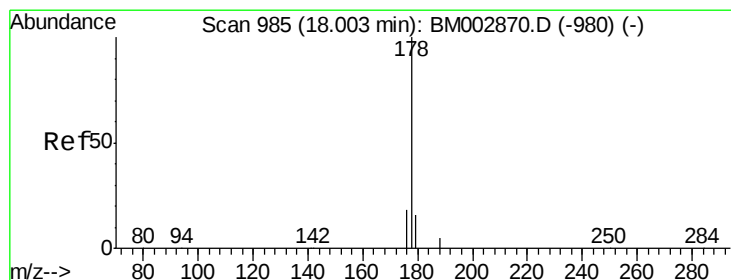
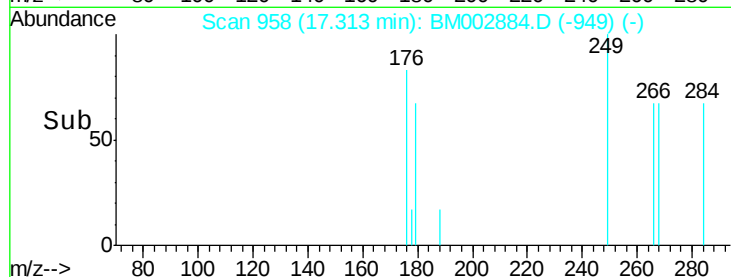
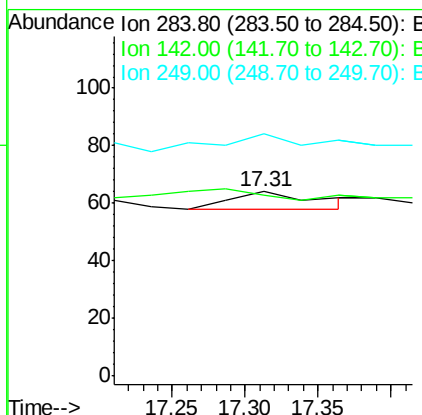
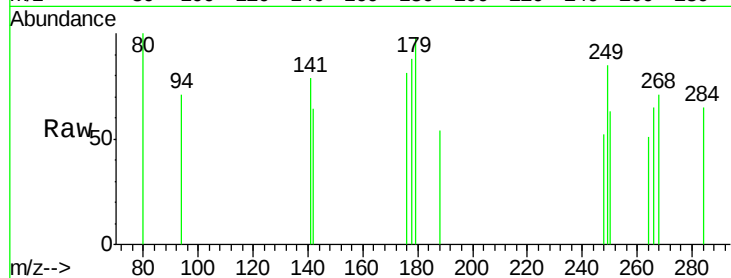




#21
Hexachlorobenzene
Concen: 0.00 ng
RT: 17.31 min Scan# 958
Delta R.T. 0.03 min
Lab File: BM002884.D
Acq: 09 Oct 2015 14:45

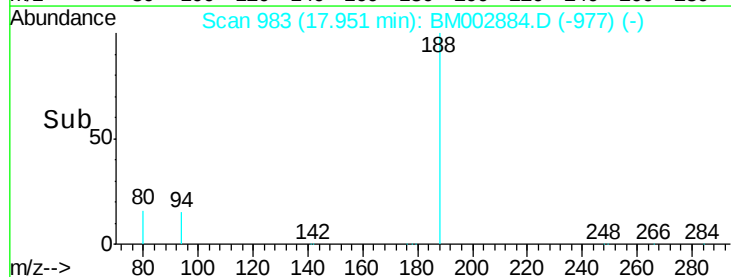
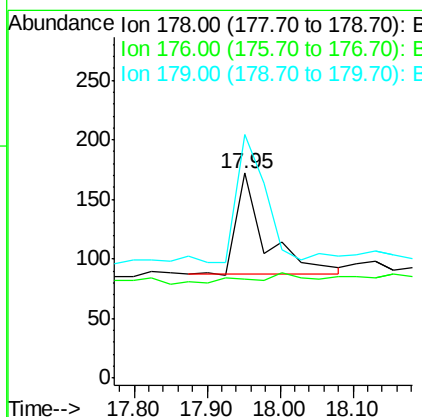
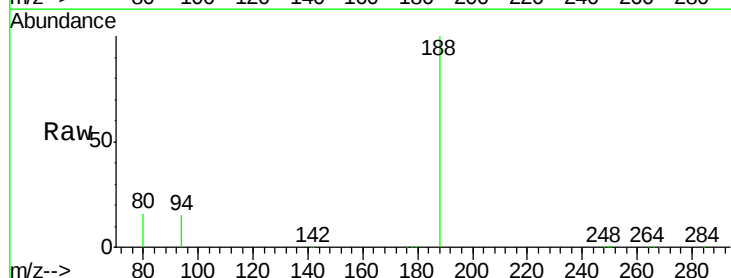
Instrument :
BNA_M
ClientSampleId :
PB85646BL

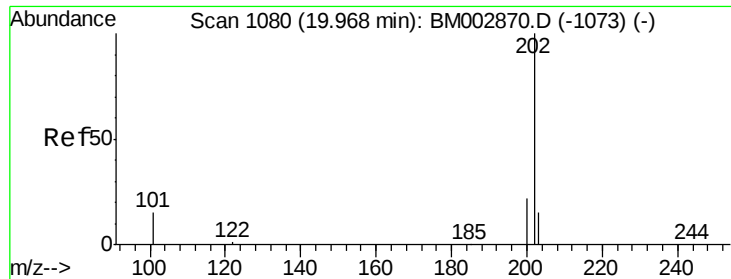
Tgt Ion: 284 Resp: 25
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 116.0 20.7 31.1#



#23
Phenanthrene
Concen: 0.00 ng
RT: 17.95 min Scan# 983
Delta R.T. -0.05 min
Lab File: BM002884.D
Acq: 09 Oct 2015 14:45

Tgt Ion: 178 Resp: 238
Ion Ratio Lower Upper
178 100
176 0.0 14.6 21.8#
179 120.6 12.5 18.7#





#25

Fluoranthene

Concen: 0.00 ng

RT: 20.00 min Scan# 1082

Delta R.T. 0.03 min

Lab File: BM002884.D

Acq: 09 Oct 2015 14:45

Instrument :

BNA_M

ClientSampleId :

PB85646BL

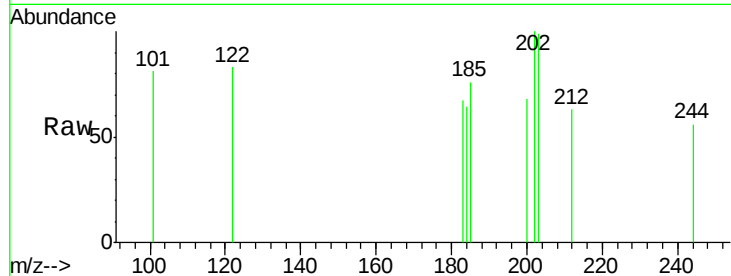
Tgt Ion:202 Resp: 126

Ion Ratio Lower Upper

202 100

101 22.2 11.0 16.6#

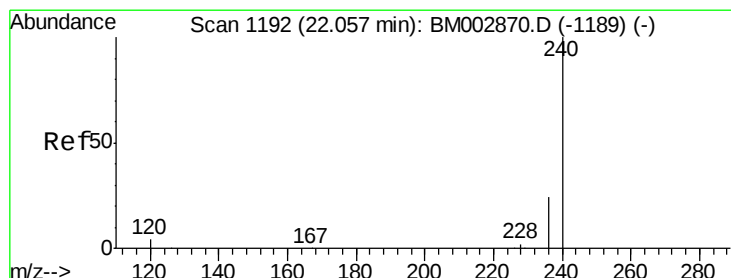
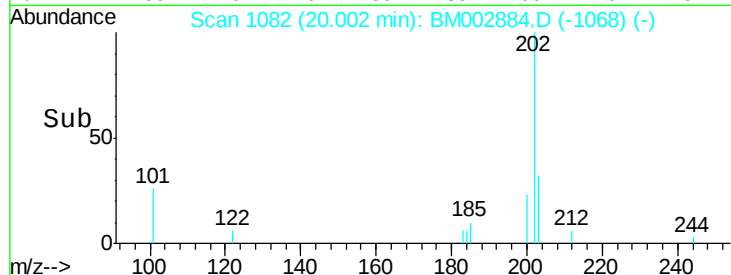
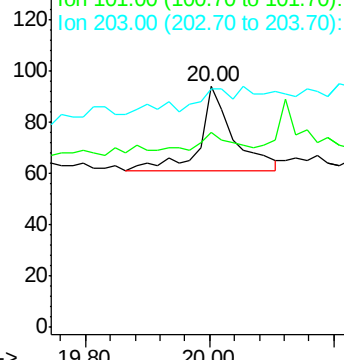
203 24.6 13.8 20.6#



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



#26

Chrysene-d12

Concen: 5.00 ng

RT: 22.06 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BM002884.D

Acq: 09 Oct 2015 14:45

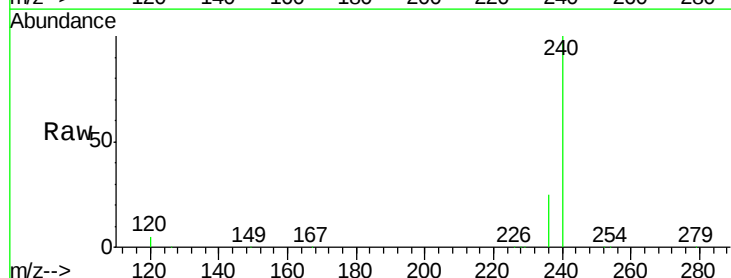
Tgt Ion:240 Resp: 375111

Ion Ratio Lower Upper

240 100

120 5.3 3.3 4.9#

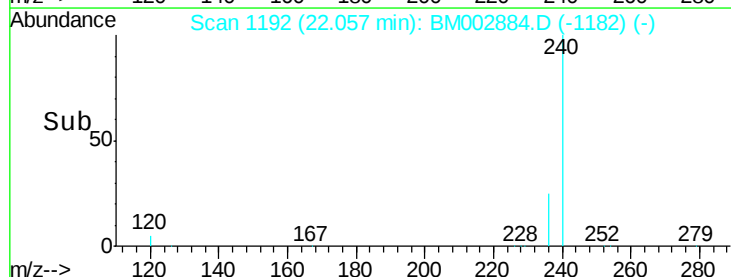
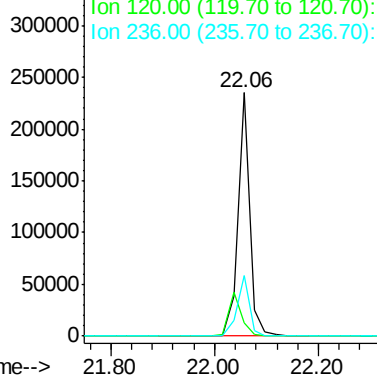
236 25.0 19.5 29.3

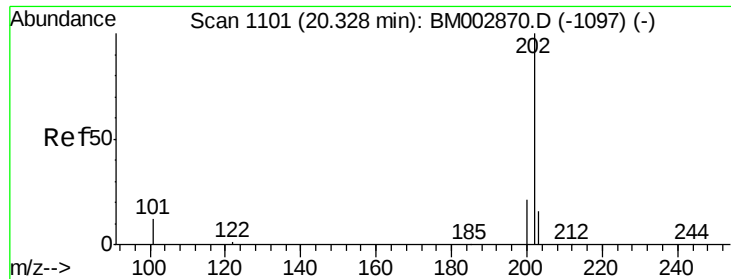


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#28

Pyrene

Concen: 0.00 ng

RT: 20.36 min Scan# 1103

Delta R.T. 0.03 min

Lab File: BM002884.D

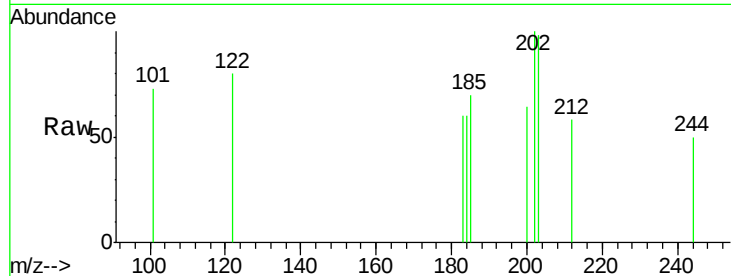
Acq: 09 Oct 2015 14:45

Instrument :

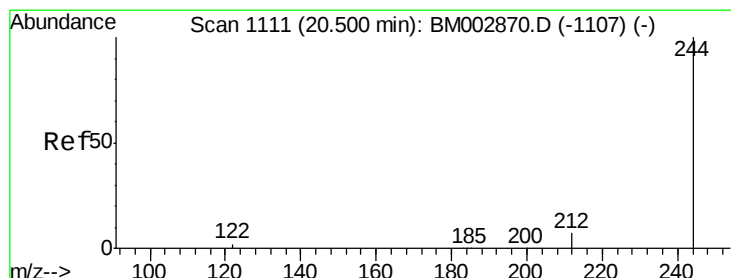
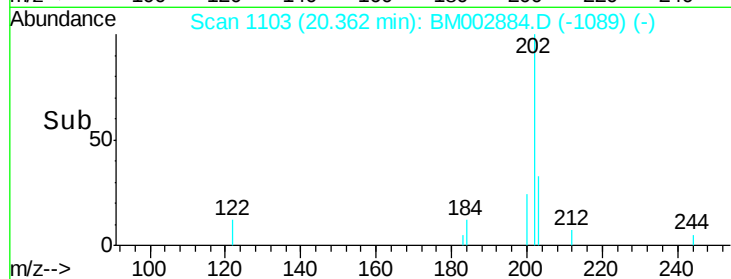
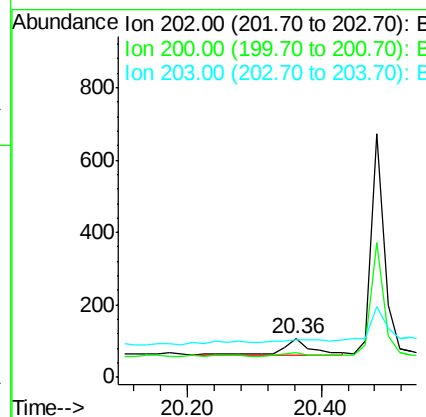
BNA_M

ClientSampleId :

PB85646BL



Tgt Ion:	202	Resp:	127
Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.2	24.4
203	26.8	13.8	20.8#



#29

Terphenyl-d14

Concen: 3.90 ng

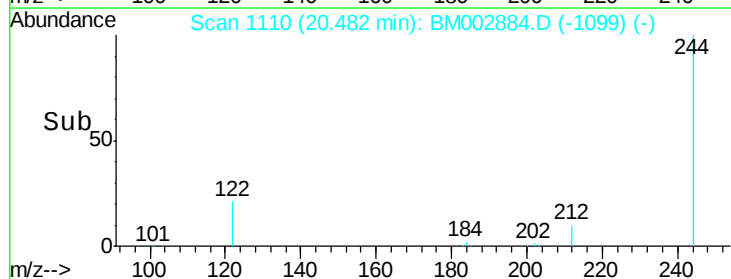
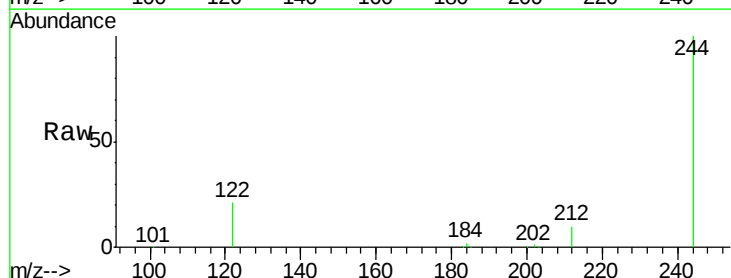
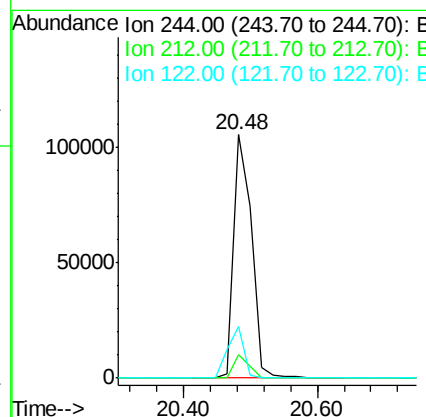
RT: 20.48 min Scan# 1110

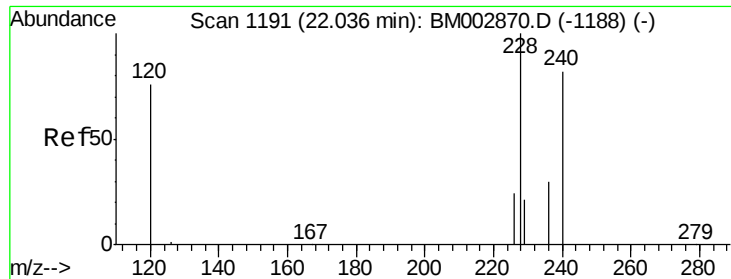
Delta R.T. -0.02 min

Lab File: BM002884.D

Acq: 09 Oct 2015 14:45

Tgt Ion:	244	Resp:	195135
Ion	Ratio	Lower	Upper
244	100		
212	9.6	5.6	8.4#
122	21.1	2.2	3.2#





#30

Benzo(a)anthracene

Concen: 0.01 ng

RT: 22.06 min Scan# 1192

Delta R.T. 0.02 min

Lab File: BM002884.D

Acq: 09 Oct 2015 14:45

Instrument :

BNA_M

ClientSampleId :

PB85646BL

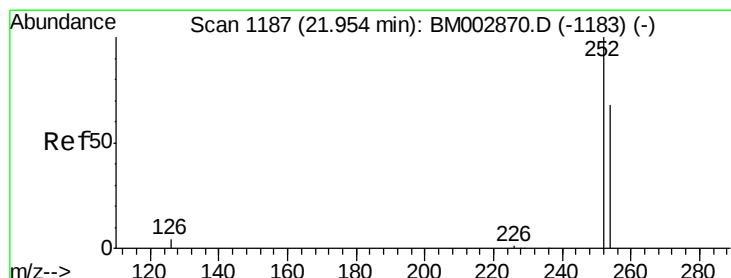
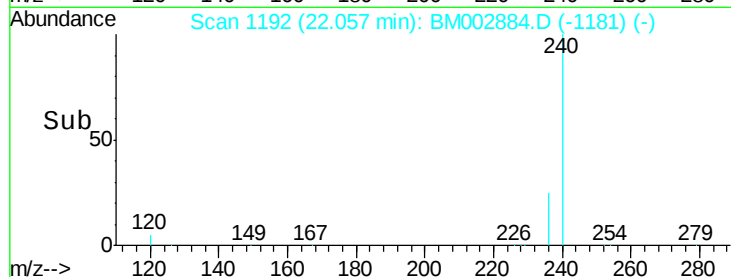
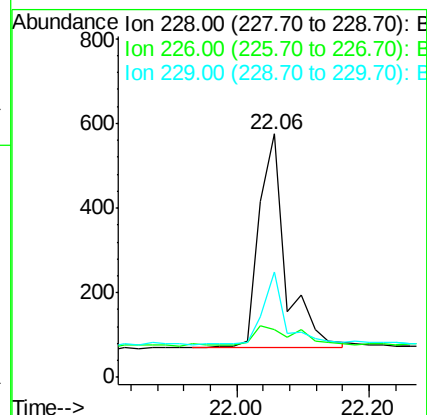
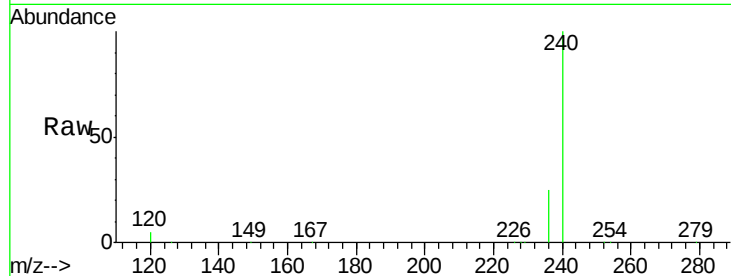
Tgt Ion:228 Resp: 1424

Ion Ratio Lower Upper

228 100

226 19.8 19.0 28.6

229 43.1 16.8 25.2#



#31

3,3'-Dichlorobenzidine

Concen: 0.00 ng

RT: 21.97 min Scan# 1188

Delta R.T. 0.02 min

Lab File: BM002884.D

Acq: 09 Oct 2015 14:45

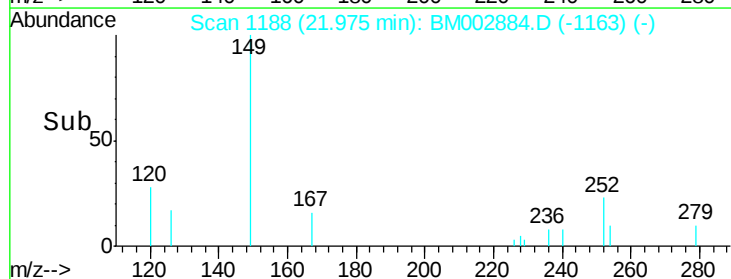
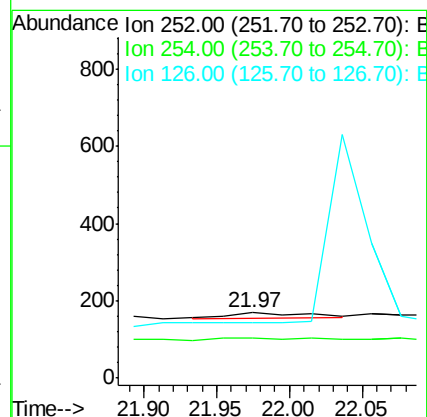
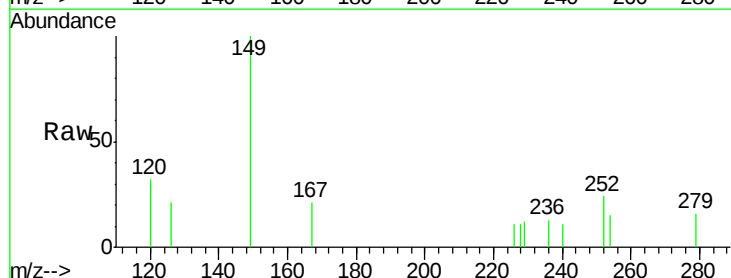
Tgt Ion:252 Resp: 52

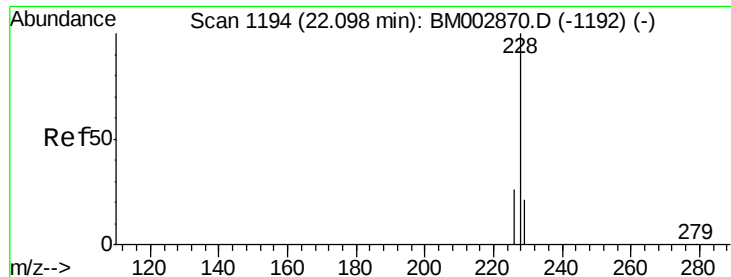
Ion Ratio Lower Upper

252 100

254 61.5 54.1 81.1

126 85.8 4.1 6.1#





#32

Chrysene

Concen: 0.01 ng

RT: 22.06 min Scan# 1192

Delta R.T. -0.04 min

Lab File: BM002884.D

Acq: 09 Oct 2015 14:45

Instrument :

BNA_M

ClientSampleId :

PB85646BL

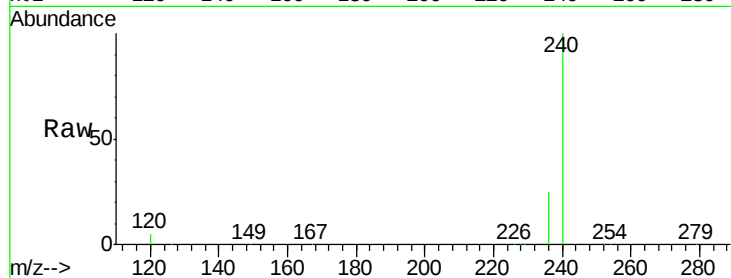
Tgt Ion: 228 Resp: 1456

Ion Ratio Lower Upper

228 100

226 19.8 20.6 30.8#

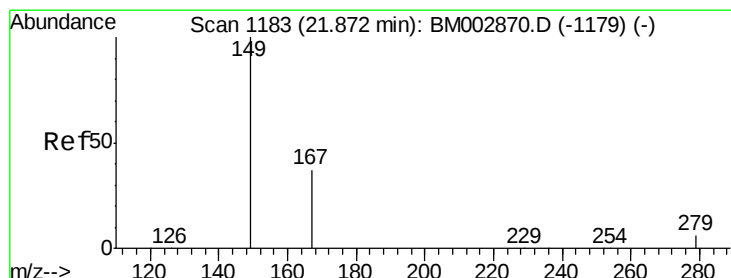
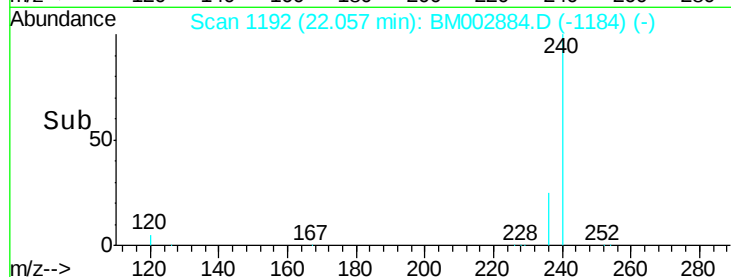
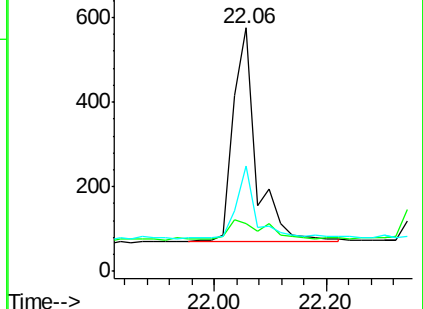
229 43.1 17.4 26.2#



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



#33

Bis(2-ethylhexyl)phthalate

Concen: 0.02 ng

RT: 21.87 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BM002884.D

Acq: 09 Oct 2015 14:45

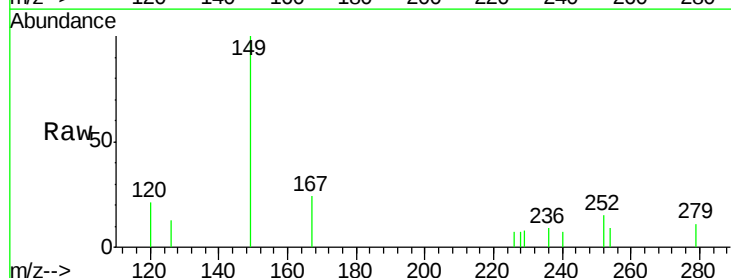
Tgt Ion: 149 Resp: 1090

Ion Ratio Lower Upper

149 100

167 23.5 17.2 25.8

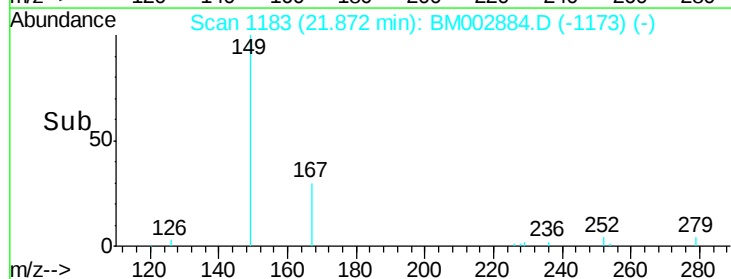
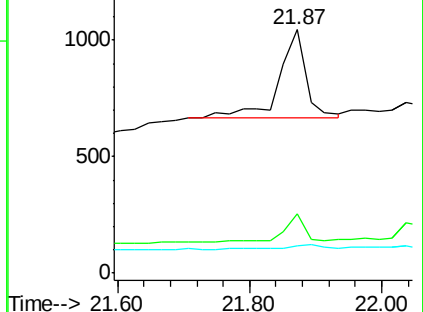
279 0.0 2.2 3.4#

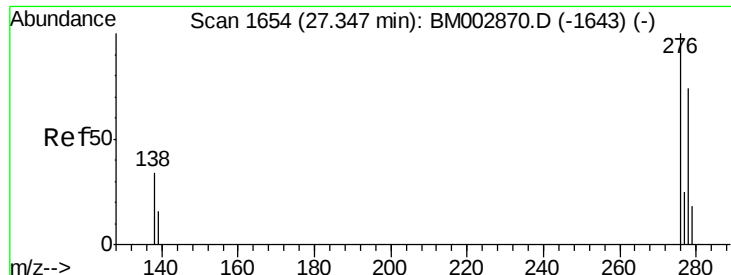


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng

RT: 27.43 min Scan# 1662

Delta R.T. 0.08 min

Lab File: BM002884.D

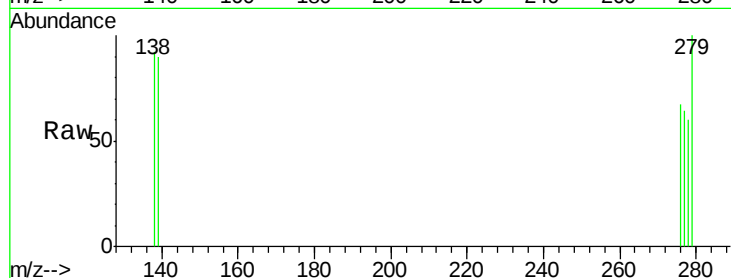
Acq: 09 Oct 2015 14:45

Instrument :

BNA_M

ClientSampleId :

PB85646BL



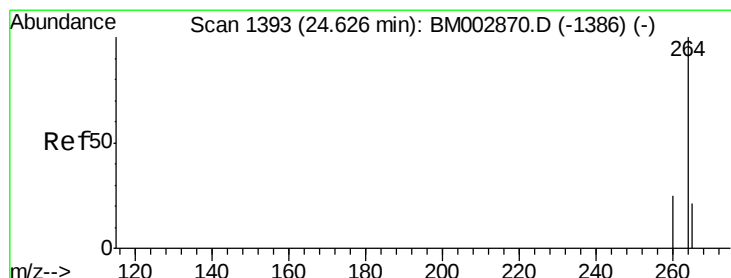
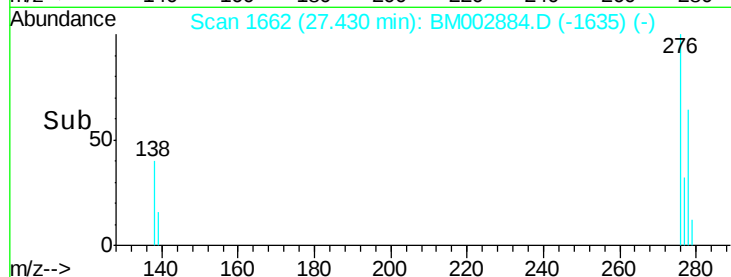
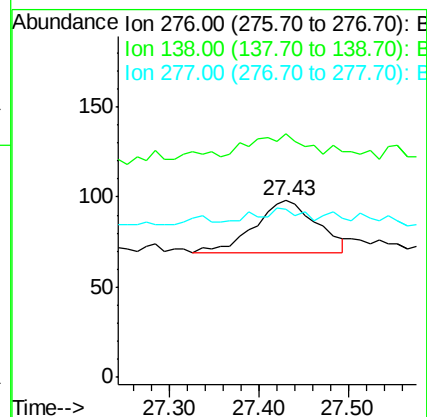
Tgt Ion:276 Resp: 141

Ion Ratio Lower Upper

276 100

138 36.9 29.0 43.6

277 19.9 19.8 29.8



#35

Perylene-d12

Concen: 5.00 ng

RT: 24.63 min Scan# 1393

Delta R.T. -0.00 min

Lab File: BM002884.D

Acq: 09 Oct 2015 14:45

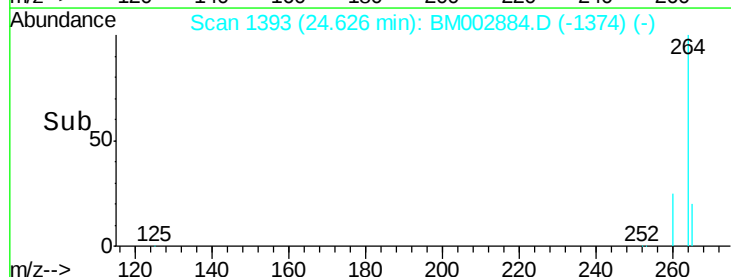
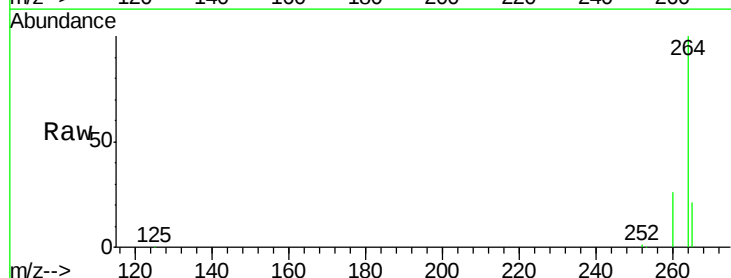
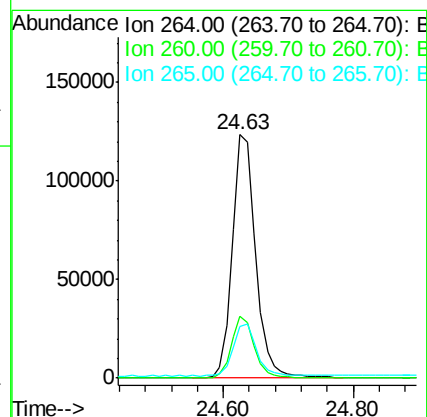
Tgt Ion:264 Resp: 305402

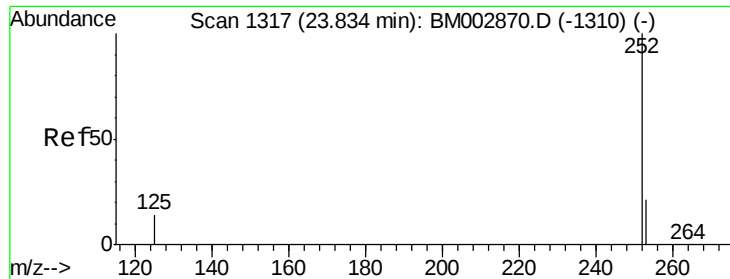
Ion Ratio Lower Upper

264 100

260 25.5 20.1 30.1

265 21.4 17.6 26.4





#36

Benzo(b)fluoranthene

Concen: 0.00 ng

RT: 23.86 min Scan# 1320

Delta R.T. 0.03 min

Lab File: BM002884.D

Acq: 09 Oct 2015 14:45

Instrument :

BNA_M

ClientSampleId :

PB85646BL

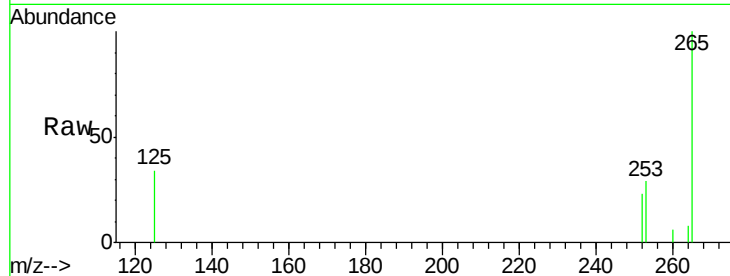
Tgt Ion:252 Resp: 198

Ion Ratio Lower Upper

252 100

253 126.8 17.5 26.3#

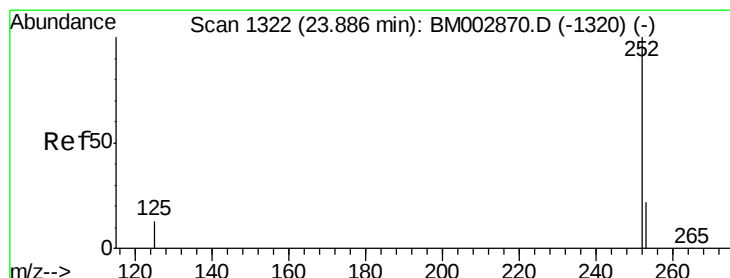
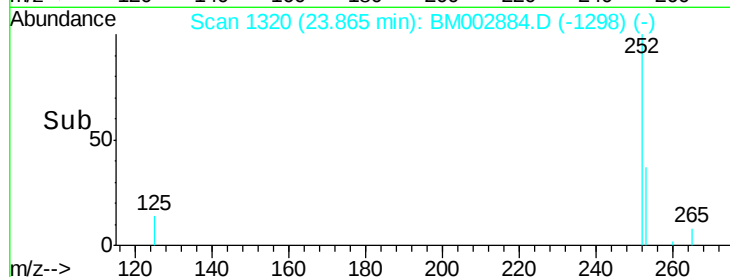
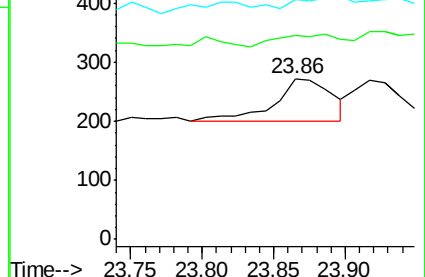
125 149.6 12.4 18.6#



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



#37

Benzo(k)fluoranthene

Concen: 0.00 ng

RT: 23.86 min Scan# 1320

Delta R.T. -0.02 min

Lab File: BM002884.D

Acq: 09 Oct 2015 14:45

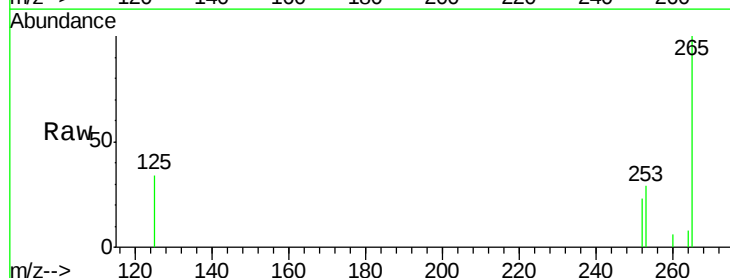
Tgt Ion:252 Resp: 198

Ion Ratio Lower Upper

252 100

253 126.8 17.9 26.9#

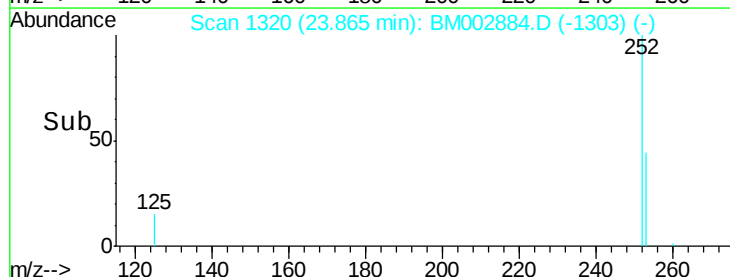
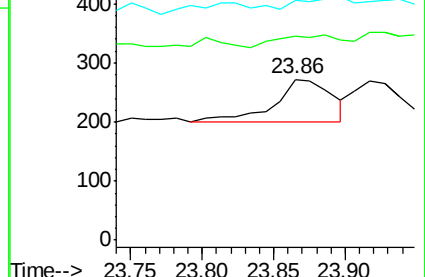
125 149.6 12.3 18.5#

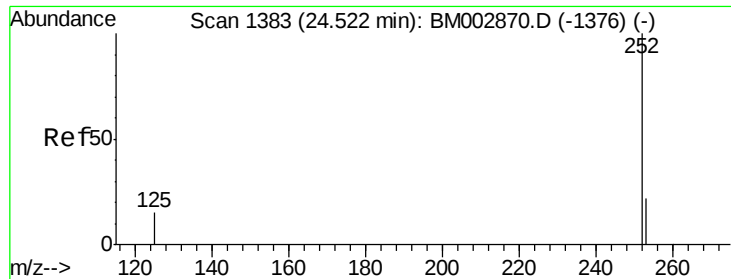


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#38

Benzo(a)pyrene

Concen: 0.00 ng

RT: 24.52 min Scan# 1383

Delta R.T. -0.00 min

Lab File: BM002884.D

Acq: 09 Oct 2015 14:45

Instrument :

BNA_M

ClientSampleId :

PB85646BL

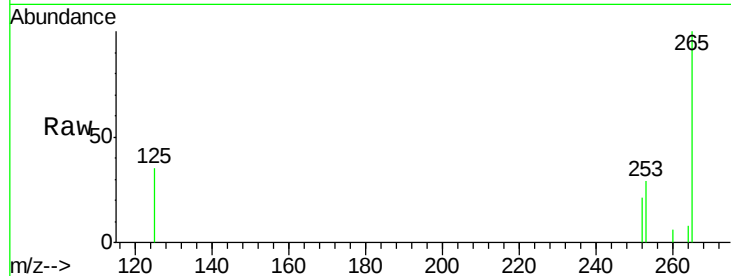
Tgt Ion: 252 Resp: 135

Ion Ratio Lower Upper

252 100

253 138.0 18.4 27.6#

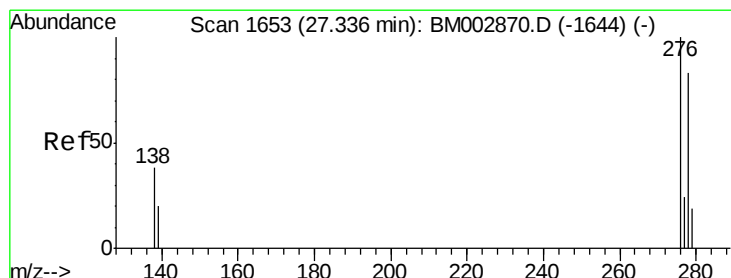
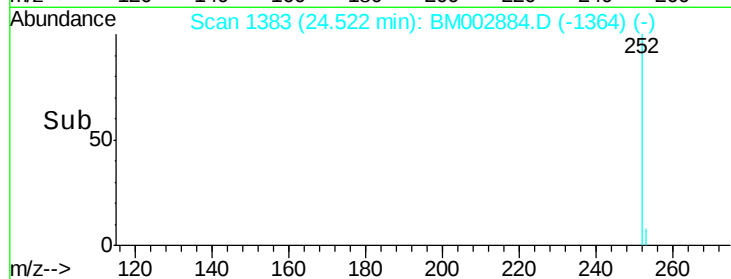
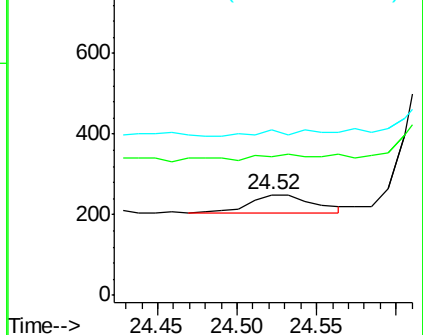
125 164.4 13.3 19.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#39

Dibenzo(a,h)anthracene

Concen: 0.00 ng

RT: 27.41 min Scan# 1660

Delta R.T. 0.07 min

Lab File: BM002884.D

Acq: 09 Oct 2015 14:45

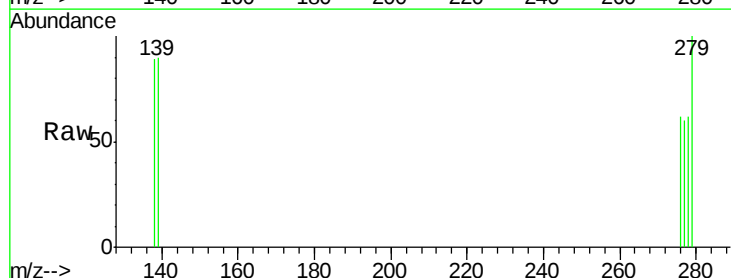
Tgt Ion: 278 Resp: 123

Ion Ratio Lower Upper

278 100

139 144.1 19.8 29.6#

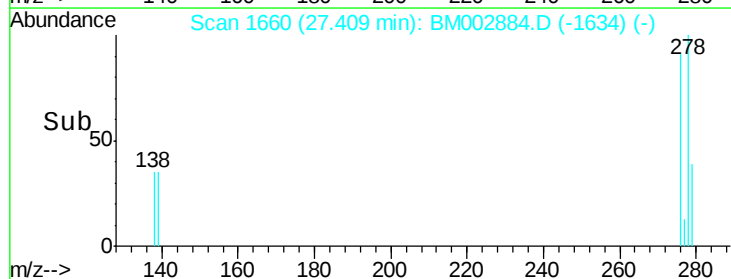
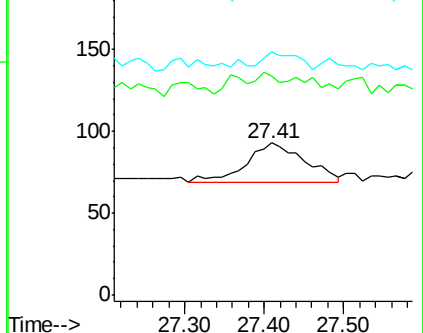
279 160.2 19.1 28.7#

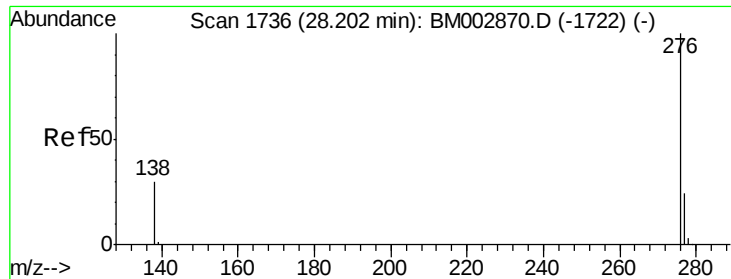


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#40

Benzo(g,h,i)perylene

Concen: 0.00 ng

RT: 28.14 min Scan# 1730

Delta R.T. -0.06 min

Lab File: BM002884.D

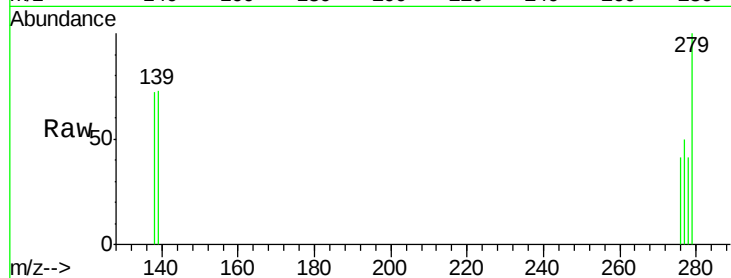
Acq: 09 Oct 2015 14:45

Instrument :

BNA_M

ClientSampleId :

PB85646BL



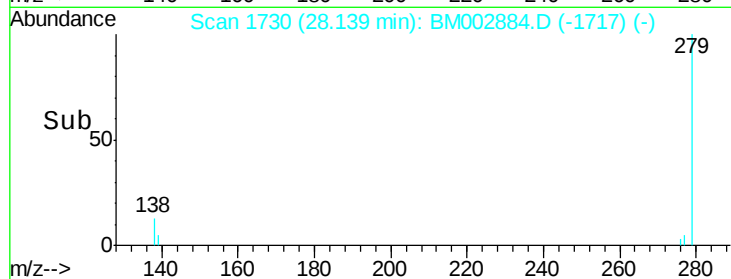
Tgt Ion: 276 Resp: 9

Ion Ratio Lower Upper

276 100

277 121.9 19.4 29.0#

138 175.3 24.4 36.6#



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

