

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100815\
 Data File : BM002875.D
 Acq On : 08 Oct 2015 22:11
 Operator : UM/IZ
 Sample : PB85741BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB85741BS

Quant Time: Oct 09 04:00:45 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 02:41:41 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	82785	5.00	ng	-0.02
7) Naphthalene-d8	11.50	136	336489	5.00	ng	-0.02
13) Acenaphthene-d10	15.25	164	174958	5.00	ng	0.00
19) Phenanthrene-d10	17.95	188	363841	5.00	ng	0.00
26) Chrysene-d12	22.06	240	307831	5.00	ng	0.00
35) Perylene-d12	24.63	264	250548	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	6.13	112	116387	6.58	ng	-0.02
5) Phenol-d6	7.79	99	156507	7.15	ng	-0.02
8) Nitrobenzene-d5	9.86	82	65912	3.89	ng	-0.01
14) 2,4,6-Tribromophenol	16.72	330	49683	8.58	ng	-0.02
15) 2-Fluorobiphenyl	13.89	172	205919	3.89	ng	-0.01
29) Terphenyl-d14	20.48	244	205253	5.00	ng	-0.02

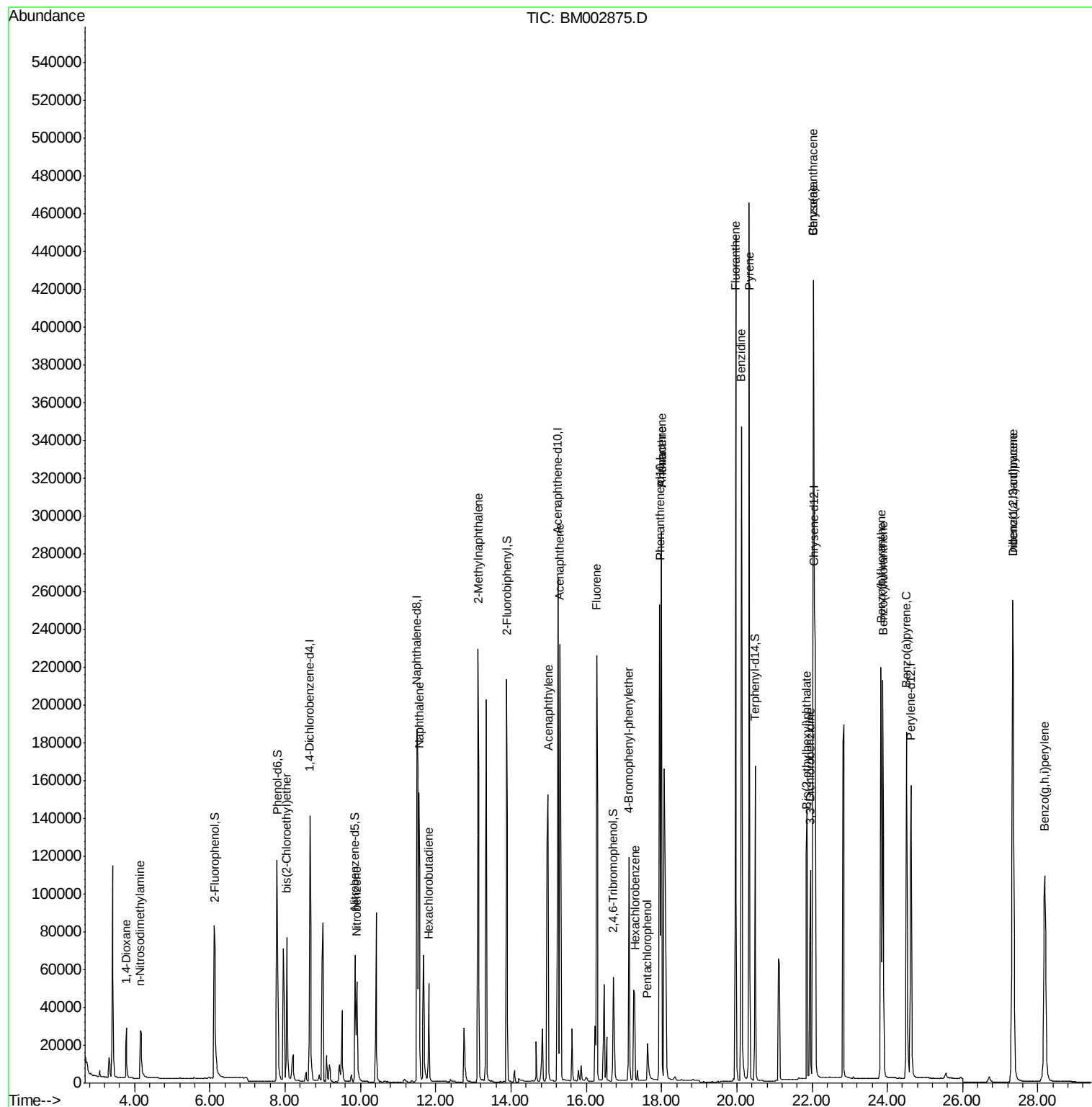
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.78	88	24244	3.45	ng	98
3) n-Nitrosodimethylamine	4.16	42	23726	3.68	ng	# 98
6) bis(2-Chloroethyl)ether	8.04	93	71689	3.32	ng	97
9) Nitrobenzene	9.90	77	69512	3.88	ng	98
10) Naphthalene	11.56	128	257710	3.45	ng	96
11) Hexachlorobutadiene	11.81	225	40576	3.43	ng	100
12) 2-Methylnaphthalene	13.13	142	180366	3.63	ng	96
16) Acenaphthylene	14.99	152	288020	3.88	ng	# 75
17) Acenaphthene	15.30	154	170420	3.55	ng	# 100
18) Fluorene	16.27	166	220766	3.76	ng	# 94
20) 4-Bromophenyl-phenylether	17.13	248	76234	4.39	ng	92
21) Hexachlorobenzene	17.29	284	74151	3.49	ng	# 49
22) Pentachlorophenol	17.62	266	24012	7.67	ng	# 90
23) Phenanthrene	18.00	178	380765	3.58	ng	99
24) Anthracene	18.00	178	380101	4.22	ng	99
25) Fluoranthene	19.97	202	435340	3.69	ng	99
27) Benzidine	20.12	184	427023	8.63	ng	98
28) Pyrene	20.33	202	450904	5.43	ng	99
30) Benzo(a)anthracene	22.04	228	368248	4.17	ng	98
31) 3,3'-Dichlorobenzidine	21.95	252	134574	3.97	ng	# 90
32) Chrysene	22.04	228	368248	4.45	ng	97
33) Bis(2-ethylhexyl)phthalate	21.85	149	247072	4.59	ng	# 59
34) Indeno(1,2,3-cd)pyrene	27.34	276	313218	3.16	ng	100
36) Benzo(b)fluoranthene	23.83	252	335813	4.68	ng	98
37) Benzo(k)fluoranthene	23.89	252	324994	4.69	ng	98
38) Benzo(a)pyrene	24.51	252	304376	4.61	ng	98
39) Dibenzo(a,h)anthracene	27.34	278	254511	3.96	ng	98
40) Benzo(g,h,i)perylene	28.18	276	261853	3.95	ng	99

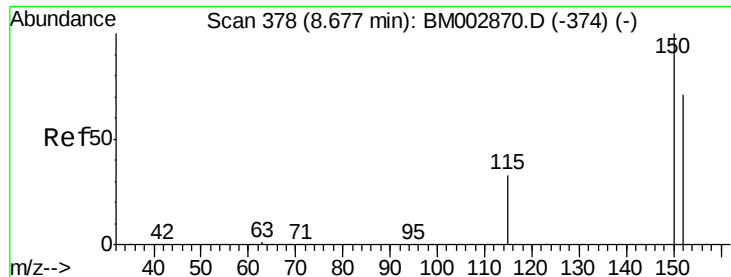
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100815\
Data File : BM002875.D
Acq On : 08 Oct 2015 22:11
Operator : UM/IZ
Sample : PB85741BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleID :
PB85741BS

Quant Time: Oct 09 04:00:45 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 02:41:41 2015
Response via : Initial Calibration

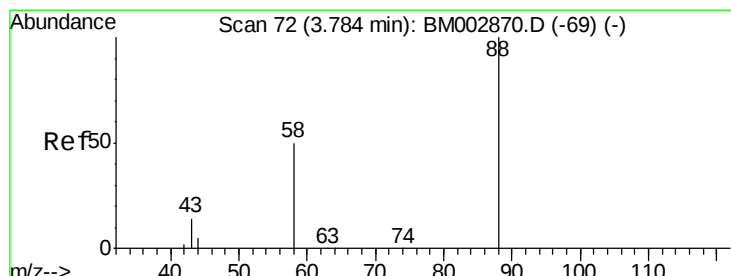
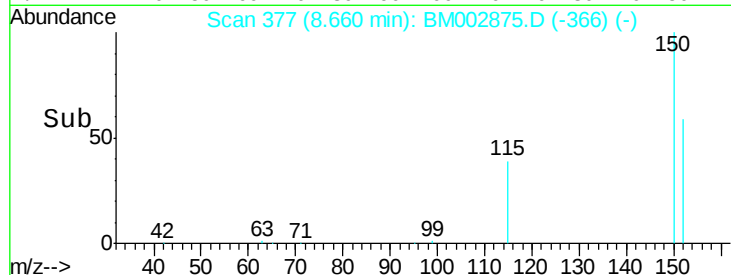
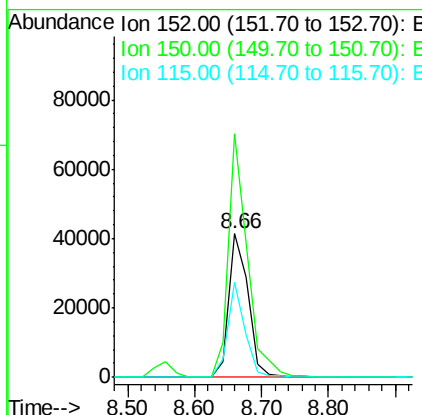
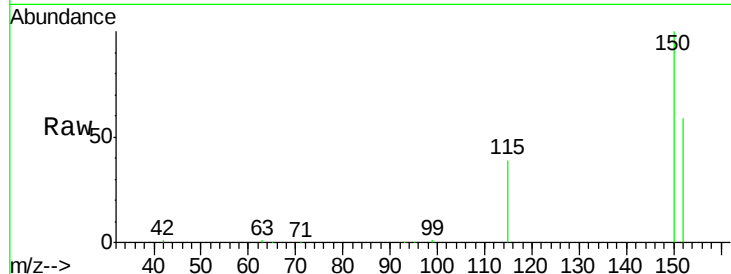




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 8.66 min Scan# 377
 Delta R.T. -0.02 min
 Lab File: BM002875.D
 Acq: 08 Oct 2015 22:11

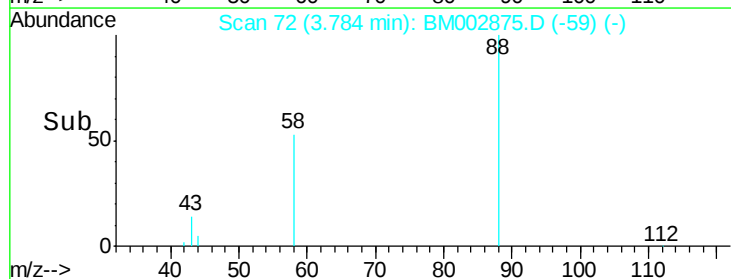
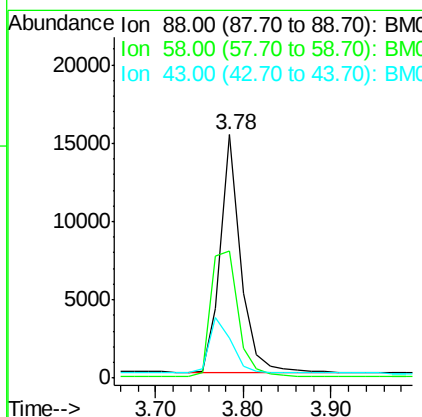
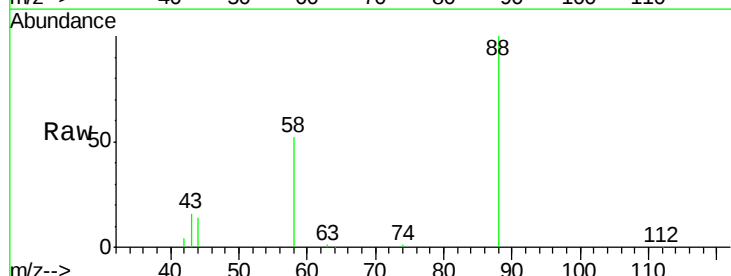
Instrument :
 BNA_M
 ClientSampleId :
 PB85741BS

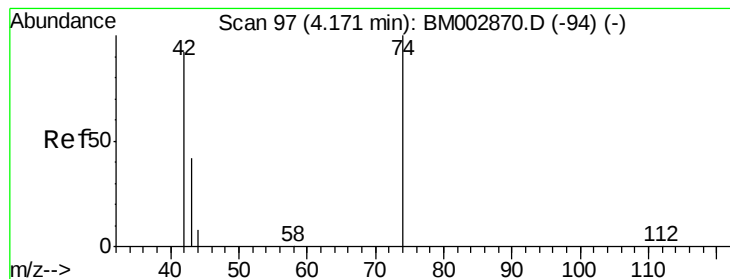
Tot Ion:152 Resp: 82785
 Ion Ratio Lower Upper
 152 100
 150 169.5 113.0 169.6
 115 66.1 37.9 56.9#



#2
 1,4-Dioxane
 Concen: 3.45 ng
 RT: 3.78 min Scan# 72
 Delta R.T. 0.00 min
 Lab File: BM002875.D
 Acq: 08 Oct 2015 22:11

Tgt Ion: 88 Resp: 24244
 Ion Ratio Lower Upper
 88 100
 58 72.0 56.7 85.1
 43 25.9 22.0 33.0





#3

n-Nitrosodimethylamine

Concen: 3.68 ng

RT: 4.16 min Scan# 96

Delta R.T. -0.02 min

Lab File: BM002875.D

Acq: 08 Oct 2015 22:11

Instrument :

BNA_M

ClientSampleId :

PB85741BS

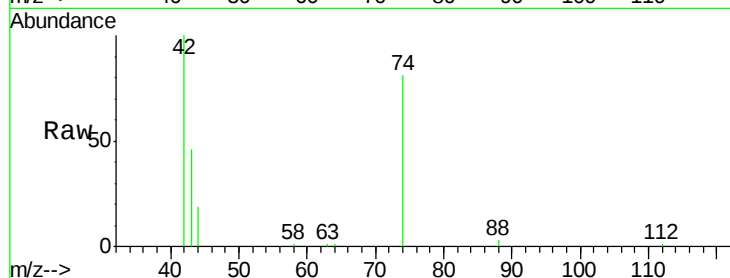
Tot Ion: 42 Resp: 23726

Ion Ratio Lower Upper

42 100

74 150.7 119.7 179.5

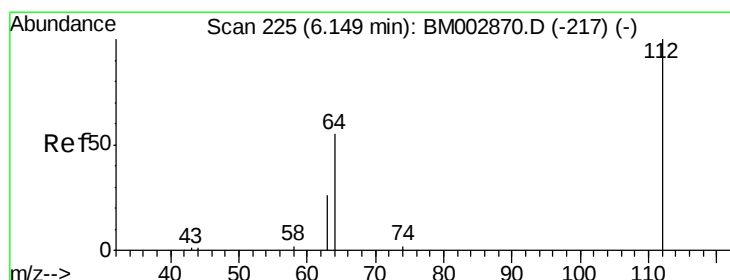
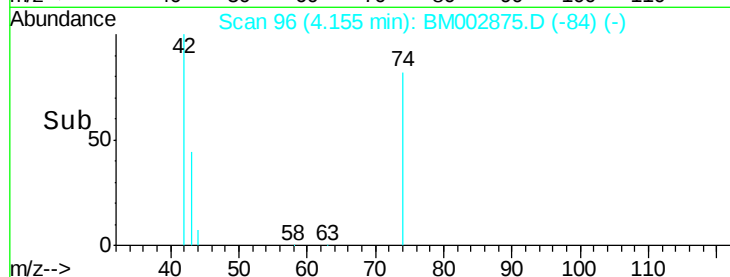
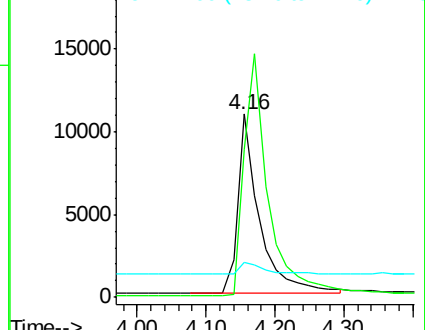
44 8.0 9.8 14.6#



Abundance Ion 42.00 (41.70 to 42.70): BM002875.D (-94) (-)

Ion 74.00 (73.70 to 74.70): BM002875.D (-94) (-)

Ion 44.00 (43.70 to 44.70): BM002875.D (-94) (-)



#4

2-Fluorophenol

Concen: 6.58 ng

RT: 6.13 min Scan# 224

Delta R.T. -0.02 min

Lab File: BM002875.D

Acq: 08 Oct 2015 22:11

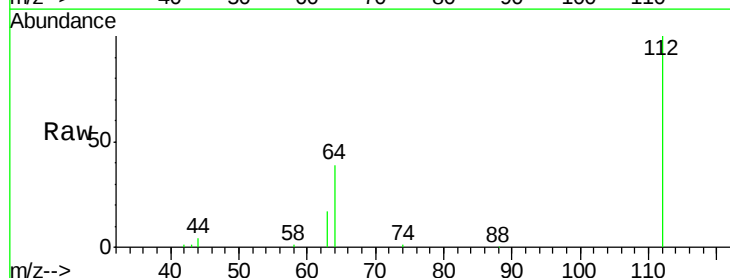
Tgt Ion: 112 Resp: 116387

Ion Ratio Lower Upper

112 100

64 51.9 42.0 63.0

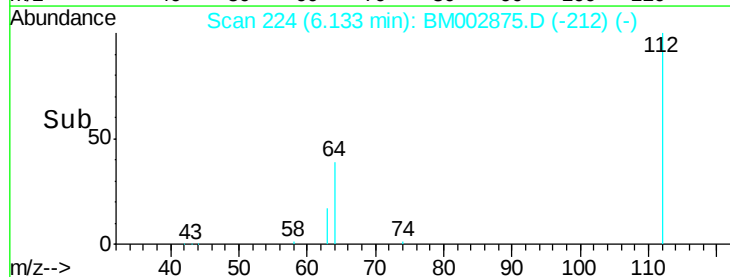
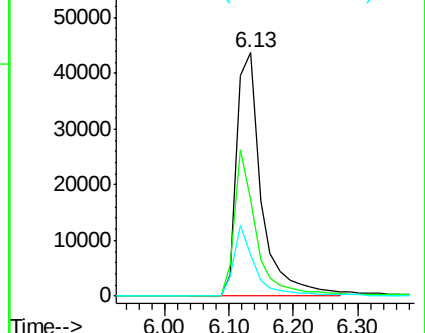
63 24.6 20.0 30.0

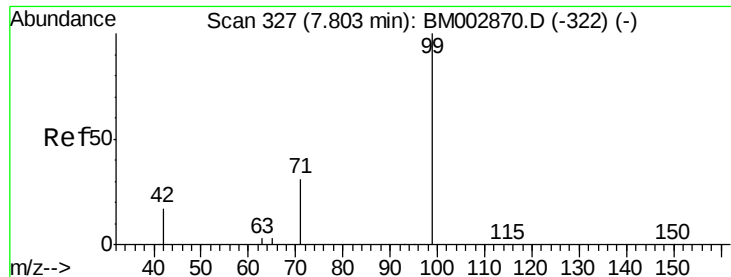


Abundance Ion 112.00 (111.70 to 112.70): BM002875.D (-217) (-)

Ion 64.00 (63.70 to 64.70): BM002875.D (-217) (-)

Ion 63.00 (62.70 to 63.70): BM002875.D (-217) (-)





#5

Phenol-d6

Concen: 7.15 ng

RT: 7.79 min Scan# 326

Delta R.T. -0.02 min

Lab File: BM002875.D

Acq: 08 Oct 2015 22:11

Instrument :

BNA_M

ClientSampled :

PB85741BS

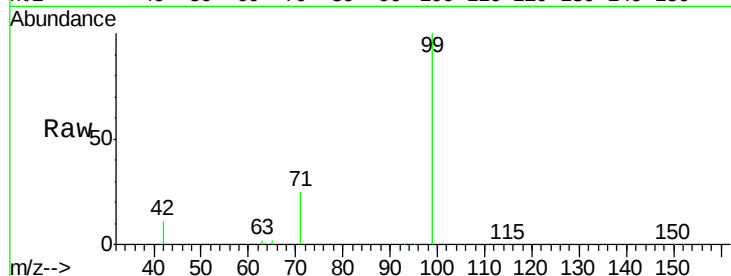
Tot Ion: 99 Resp: 156507

Ion Ratio Lower Upper

99 100

42 15.2 12.4 18.6

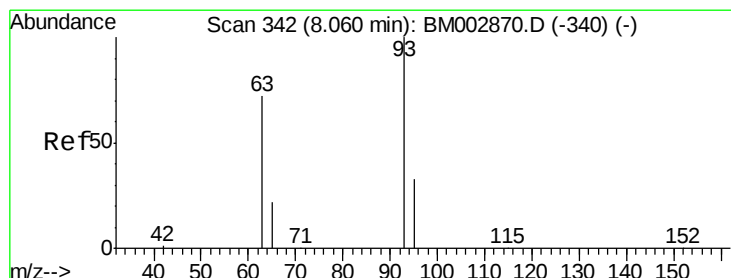
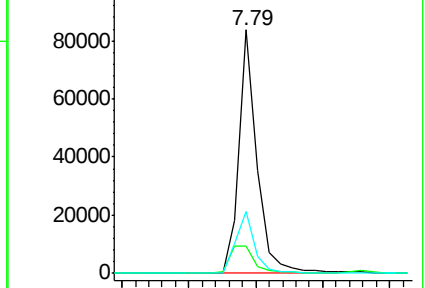
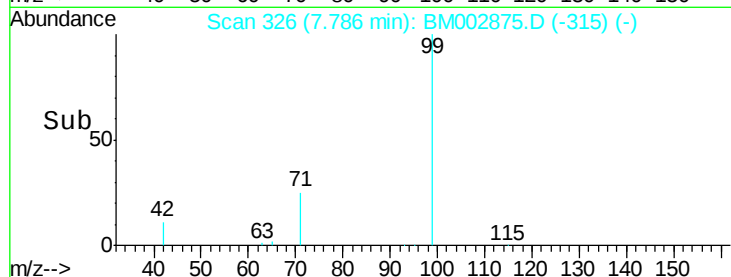
71 26.6 21.4 32.0



Abundance Ion 99.00 (98.70 to 99.70): BM002875.D (-315) (-)

Ion 42.00 (41.70 to 42.70): BM002875.D (-315) (-)

Ion 71.00 (70.70 to 71.70): BM002875.D (-315) (-)



#6

bis(2-Chloroethyl)ether

Concen: 3.32 ng

RT: 8.04 min Scan# 341

Delta R.T. -0.02 min

Lab File: BM002875.D

Acq: 08 Oct 2015 22:11

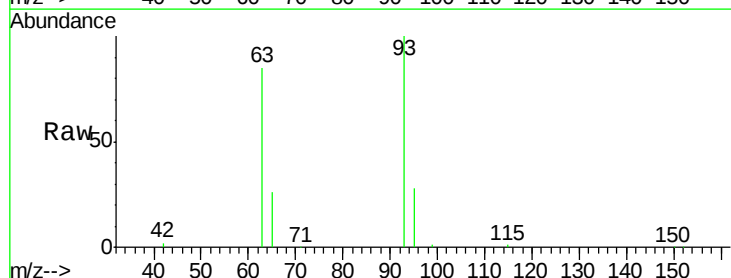
Tgt Ion: 93 Resp: 71689

Ion Ratio Lower Upper

93 100

63 69.0 52.9 79.3

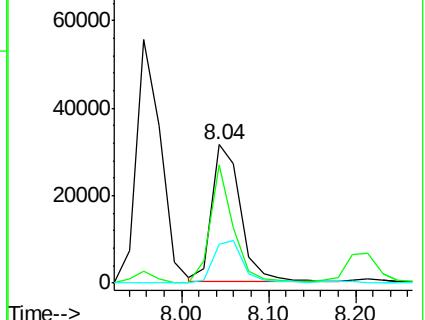
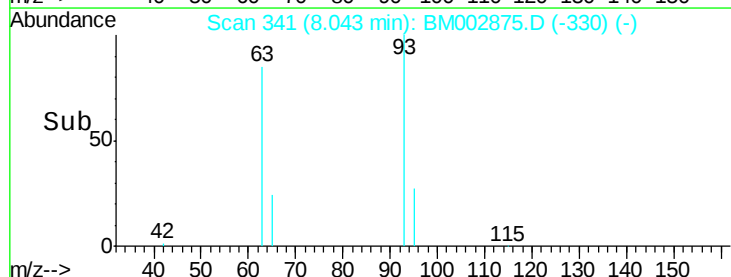
95 31.8 25.2 37.8

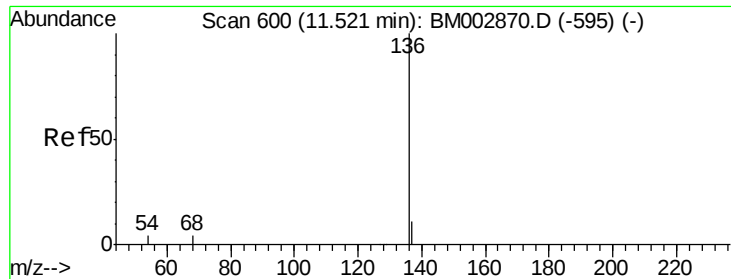


Abundance Ion 93.00 (92.70 to 93.70): BM002875.D (-330) (-)

Ion 63.00 (62.70 to 63.70): BM002875.D (-330) (-)

Ion 95.00 (94.70 to 95.70): BM002875.D (-330) (-)





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 11.50 min Scan# 599

Delta R.T. -0.02 min

Lab File: BM002875.D

Acq: 08 Oct 2015 22:11

Instrument :

BNA_M

ClientSampleId :

PB85741BS

Tot Ion:136 Resp: 336489

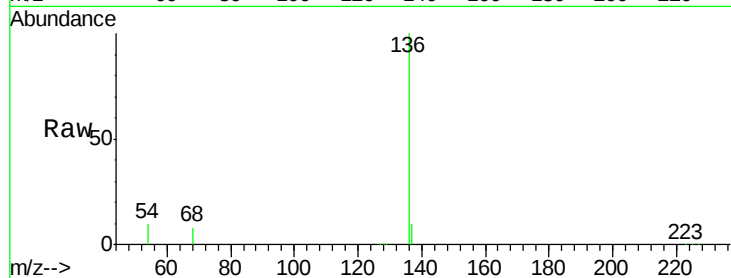
Ion Ratio Lower Upper

136 100

137 10.0 9.1 13.7

54 9.9 3.5 5.3#

68 8.0 3.3 4.9#

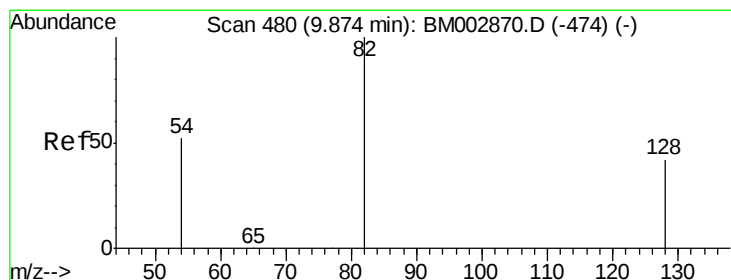
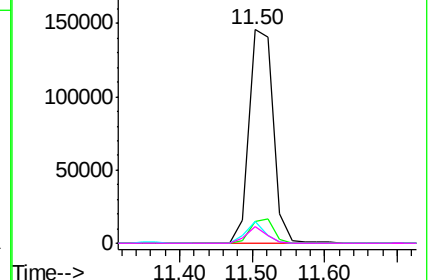
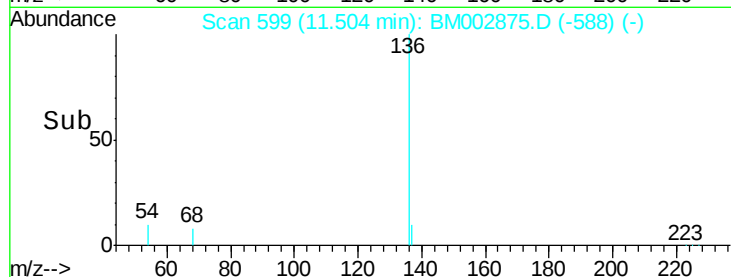


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.89 ng

RT: 9.86 min Scan# 479

Delta R.T. -0.01 min

Lab File: BM002875.D

Acq: 08 Oct 2015 22:11

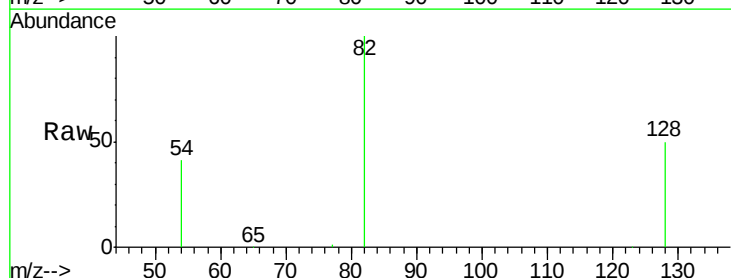
Tgt Ion: 82 Resp: 65912

Ion Ratio Lower Upper

82 100

128 50.2 34.1 51.1

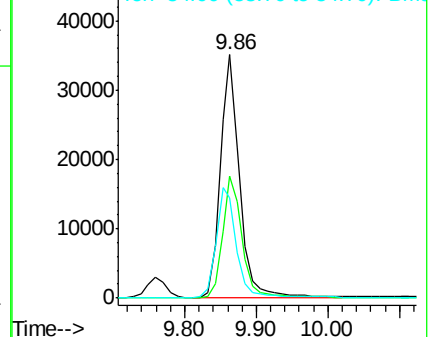
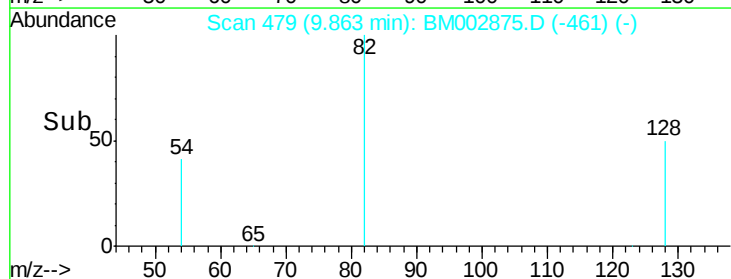
54 41.2 42.6 63.8#

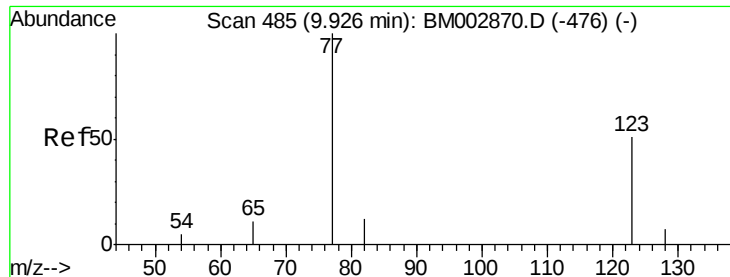


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#9

Nitrobenzene

Concen: 3.88 ng

RT: 9.90 min Scan# 483

Delta R.T. -0.02 min

Lab File: BM002875.D

Acq: 08 Oct 2015 22:11

Instrument :

BNA_M

ClientSampleId :

PB85741BS

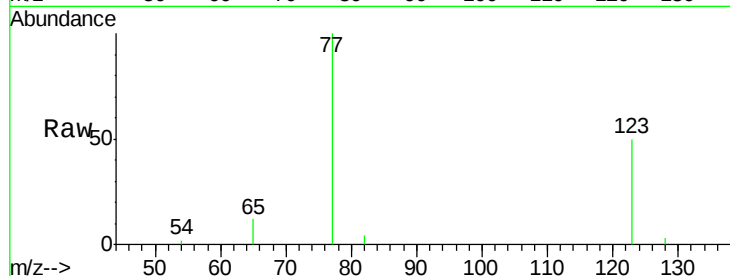
Tot Ion: 77 Resp: 69512

Ion Ratio Lower Upper

77 100

123 52.9 41.0 61.4

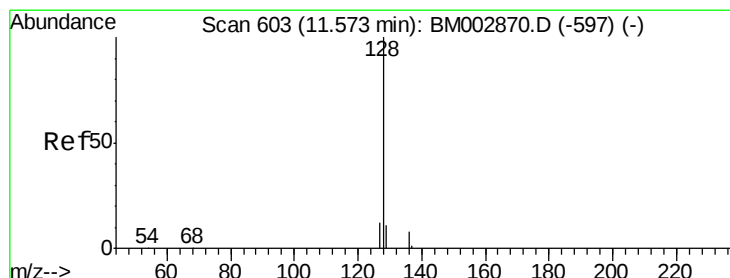
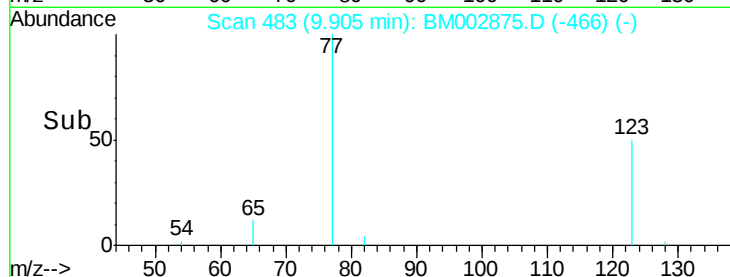
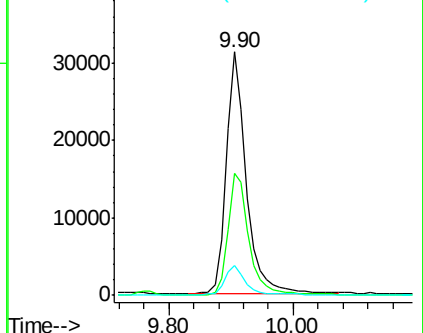
65 12.2 9.7 14.5



Abundance Ion 77.00 (76.70 to 77.70): BM002870.D (-476) (-)

Ion 123.00 (122.70 to 123.70): BM002870.D (-476) (-)

Ion 65.00 (64.70 to 65.70): BM002870.D (-476) (-)



#10

Naphthalene

Concen: 3.45 ng

RT: 11.56 min Scan# 602

Delta R.T. -0.02 min

Lab File: BM002875.D

Acq: 08 Oct 2015 22:11

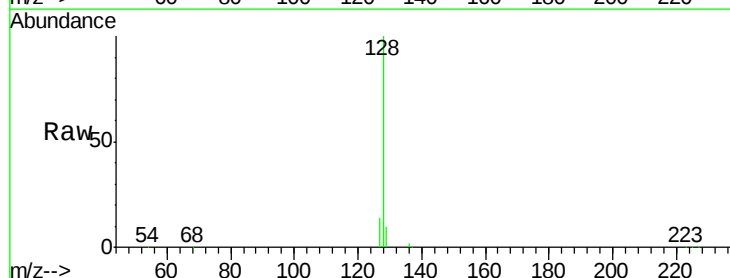
Tgt Ion: 128 Resp: 257710

Ion Ratio Lower Upper

128 100

129 10.3 9.4 14.2

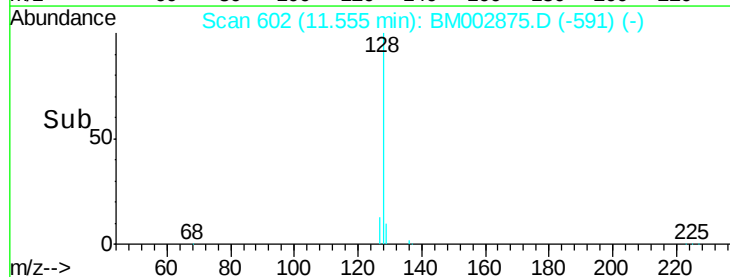
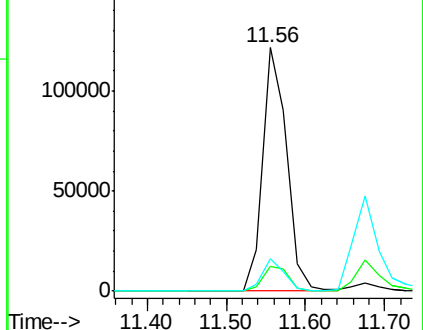
127 13.5 9.6 14.4

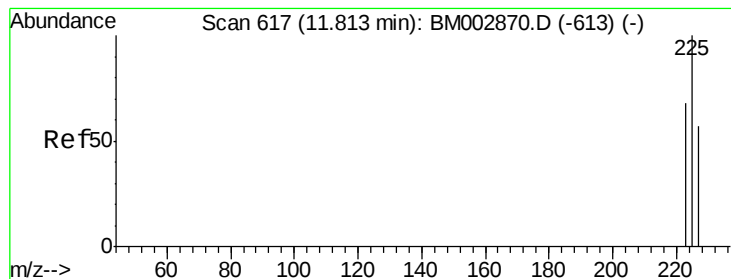


Abundance Ion 128.00 (127.70 to 128.70): BM002870.D (-597) (-)

Ion 129.00 (128.70 to 129.70): BM002870.D (-597) (-)

Ion 127.00 (126.70 to 127.70): BM002870.D (-597) (-)





#11

Hexachlorobutadiene

Concen: 3.43 ng

RT: 11.81 min Scan# 617

Delta R.T. -0.00 min

Lab File: BM002875.D

Acq: 08 Oct 2015 22:11

Instrument :

BNA_M

ClientSampleId :

PB85741BS

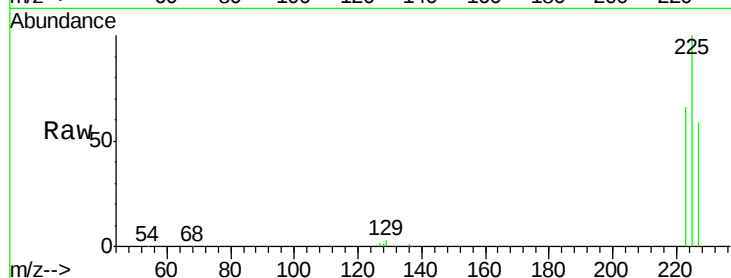
Tot Ion:225 Resp: 40576

Ion Ratio Lower Upper

225 100

223 62.5 50.1 75.1

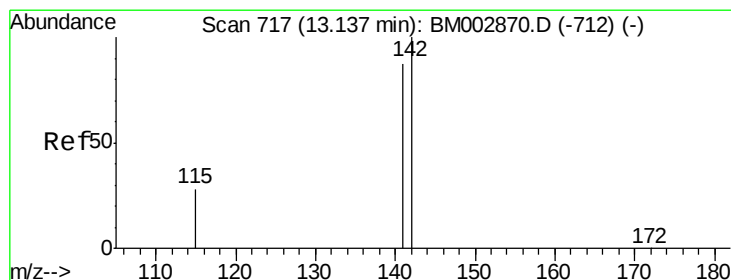
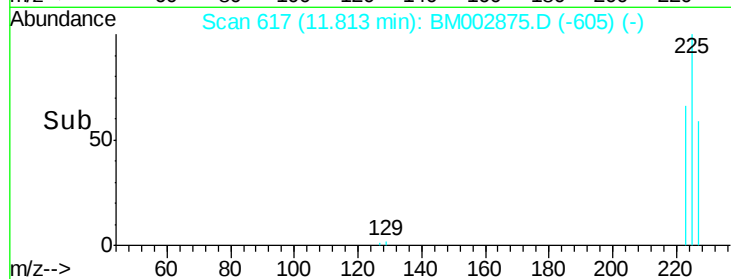
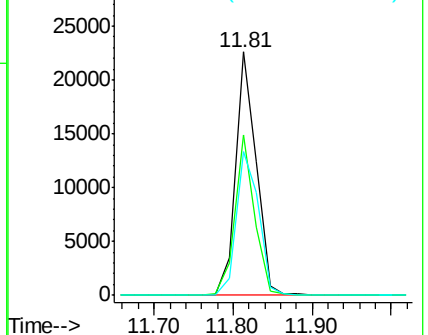
227 63.8 51.2 76.8



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: 3.63 ng

RT: 13.13 min Scan# 716

Delta R.T. -0.01 min

Lab File: BM002875.D

Acq: 08 Oct 2015 22:11

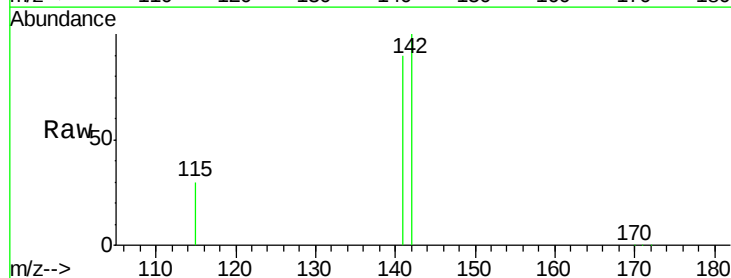
Tgt Ion:142 Resp: 180366

Ion Ratio Lower Upper

142 100

141 90.2 69.4 104.0

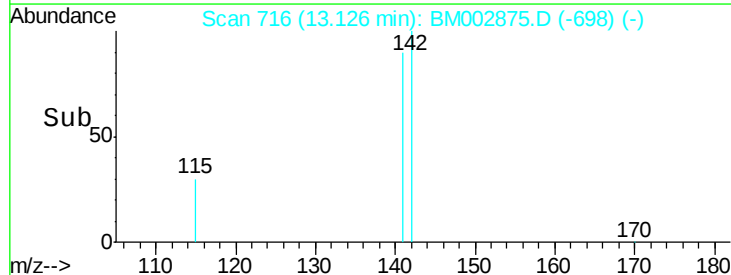
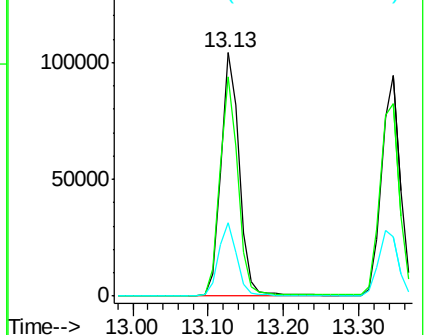
115 30.1 22.7 34.1

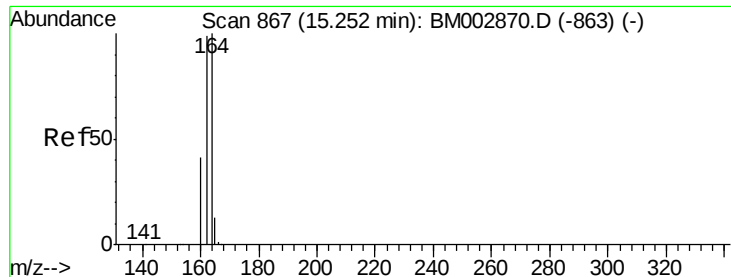


Abundance Ion 142.00 (141.70 to 142.70): E

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: BM002875.D

Acq: 08 Oct 2015 22:11

Instrument :

BNA_M

ClientSampleId :

PB85741BS

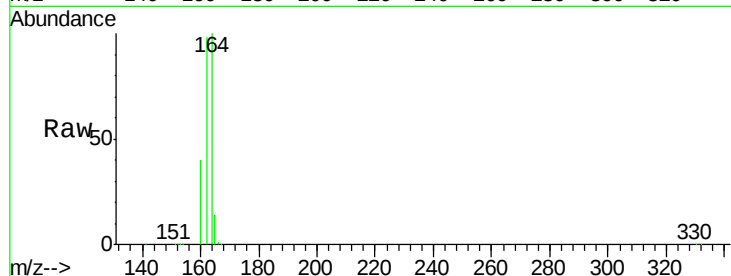
Tot Ion:164 Resp: 174958

Ion Ratio Lower Upper

164 100

162 97.8 79.6 119.4

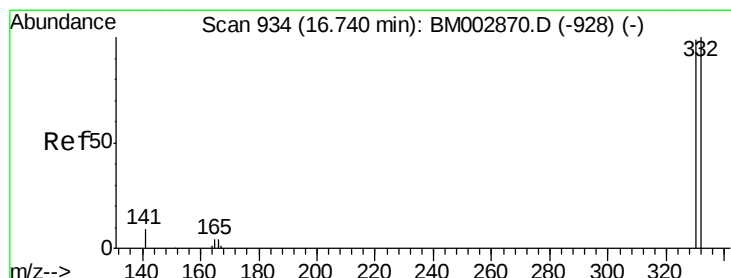
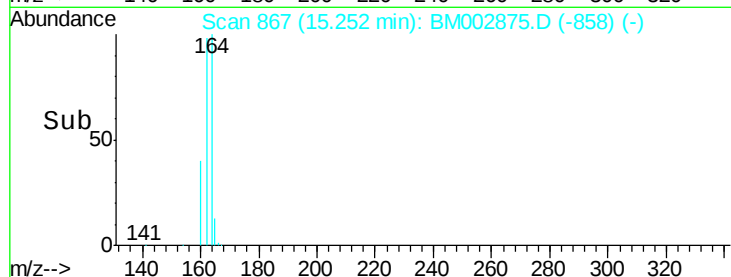
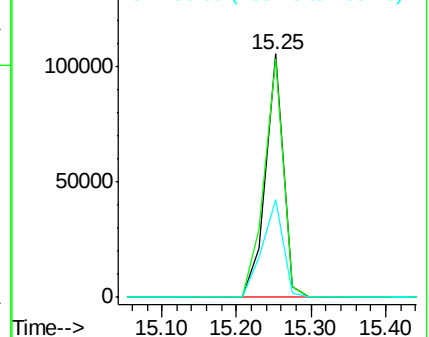
160 40.1 33.1 49.7



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: 8.58 ng

RT: 16.72 min Scan# 933

Delta R.T. -0.02 min

Lab File: BM002875.D

Acq: 08 Oct 2015 22:11

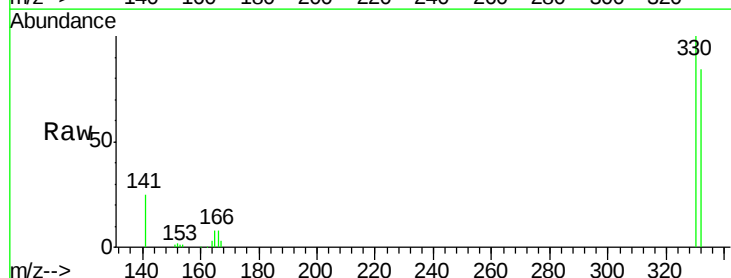
Tgt Ion:330 Resp: 49683

Ion Ratio Lower Upper

330 100

332 94.8 76.6 115.0

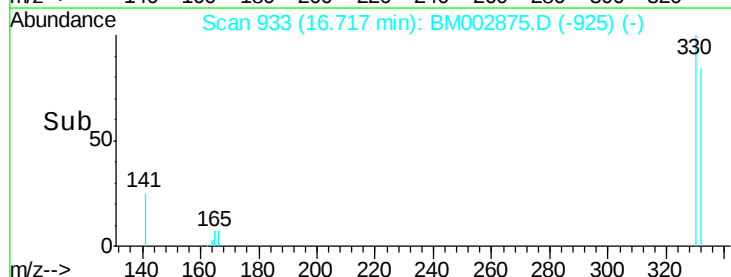
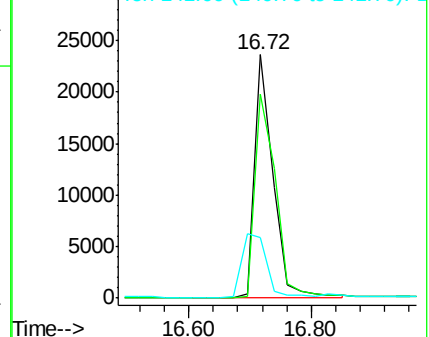
141 0.0 0.0 0.0

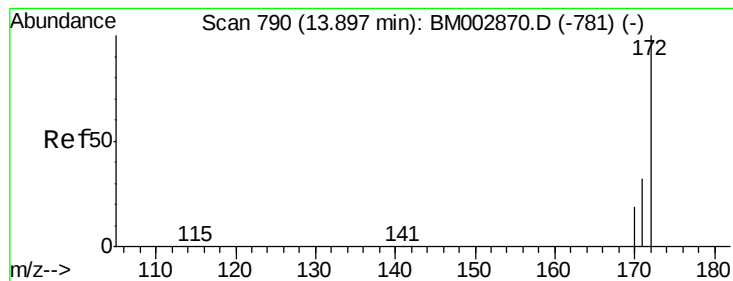


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

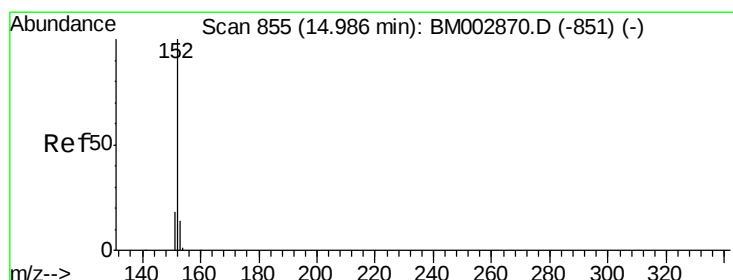
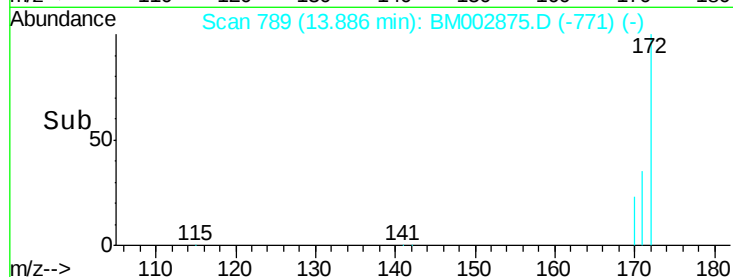
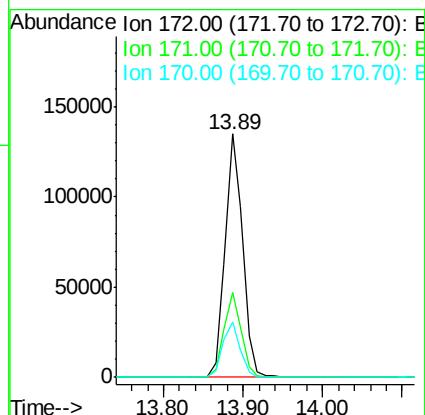
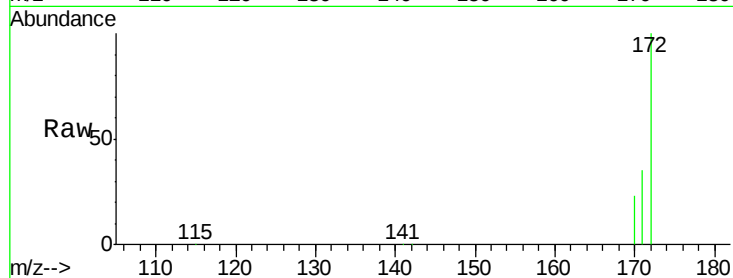




#15
2-Fluorobiphenyl
Concen: 3.89 ng
RT: 13.89 min Scan# 789
Delta R.T. -0.01 min
Lab File: BM002875.D
Acq: 08 Oct 2015 22:11

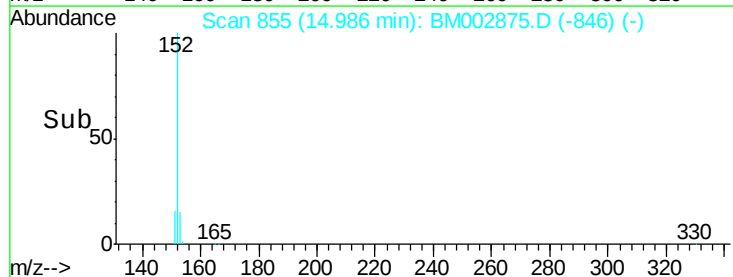
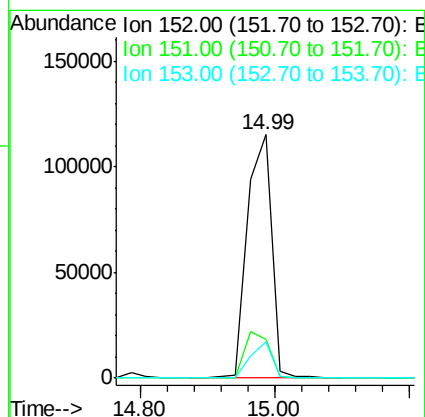
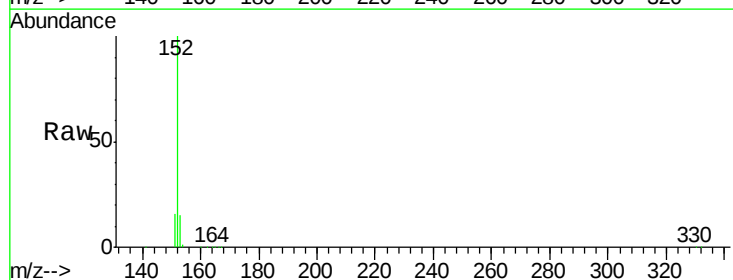
Instrument :
BNA_M
ClientSampleId :
PB85741BS

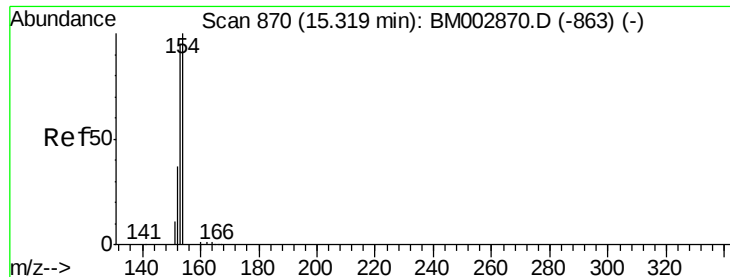
Tot Ion:172 Resp: 205919
Ion Ratio Lower Upper
172 100
171 35.0 26.1 39.1
170 22.6 15.7 23.5



#16
Acenaphthylene
Concen: 3.88 ng
RT: 14.99 min Scan# 855
Delta R.T. -0.00 min
Lab File: BM002875.D
Acq: 08 Oct 2015 22:11

Tgt Ion:152 Resp: 288020
Ion Ratio Lower Upper
152 100
151 0.0 15.3 22.9#
153 13.0 10.5 15.7





#17

Acenaphthene

Concen: 3.55 ng

RT: 15.30 min Scan# 869

Delta R.T. -0.02 min

Lab File: BM002875.D

Acq: 08 Oct 2015 22:11

Instrument :

BNA_M

ClientSampleId :

PB85741BS

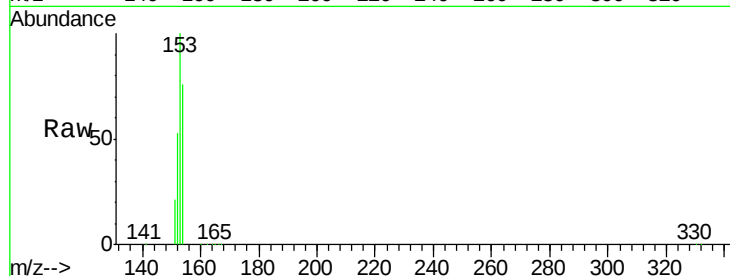
Tot Ion:154 Resp: 170420

Ion Ratio Lower Upper

154 100

153 113.6 0.0 0.0#

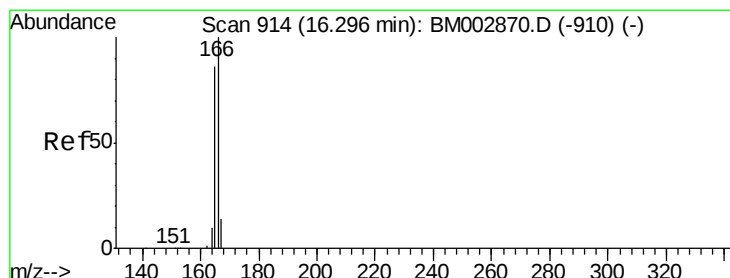
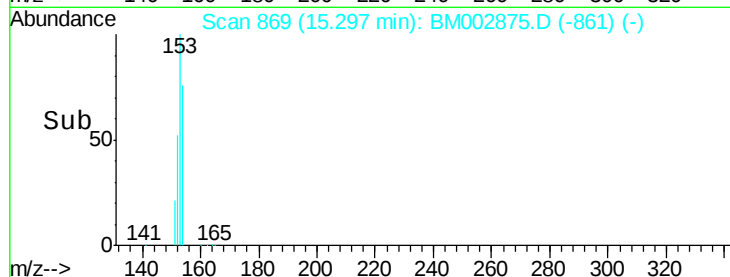
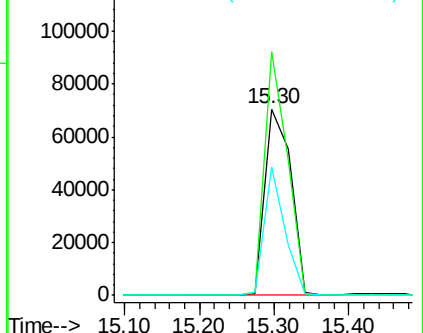
152 53.8 0.0 0.0#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 3.76 ng

RT: 16.27 min Scan# 913

Delta R.T. -0.02 min

Lab File: BM002875.D

Acq: 08 Oct 2015 22:11

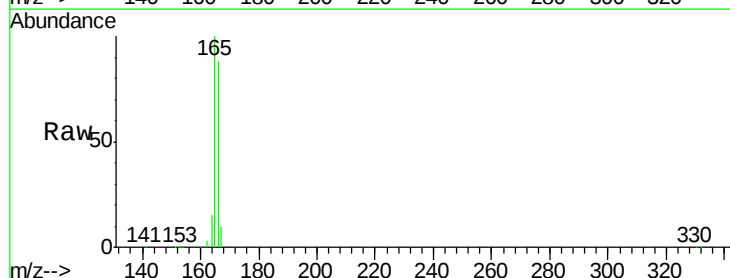
Tgt Ion:166 Resp: 220766

Ion Ratio Lower Upper

166 100

165 99.0 77.3 115.9

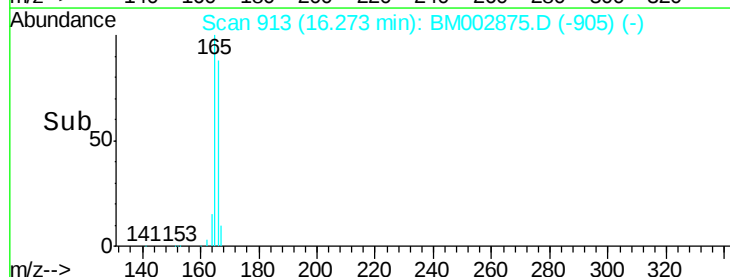
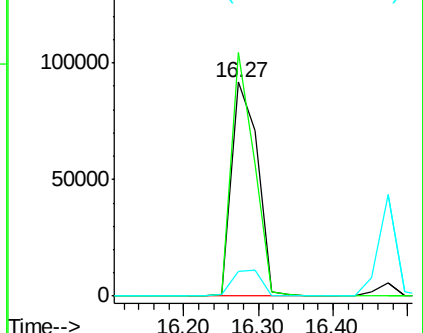
167 0.0 10.9 16.3#

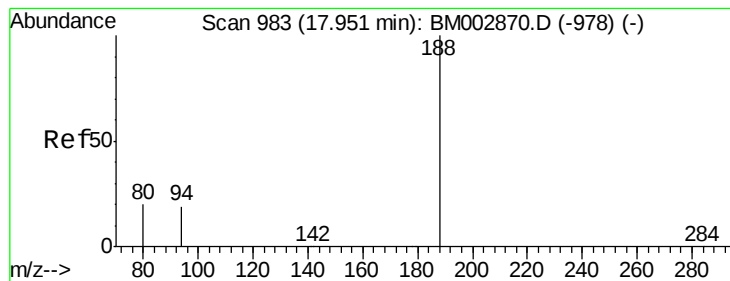


Abundance Ion 166.00 (165.70 to 166.70): E

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: BM002875.D

Acq: 08 Oct 2015 22:11

Instrument :

BNA_M

ClientSampleId :

PB85741BS

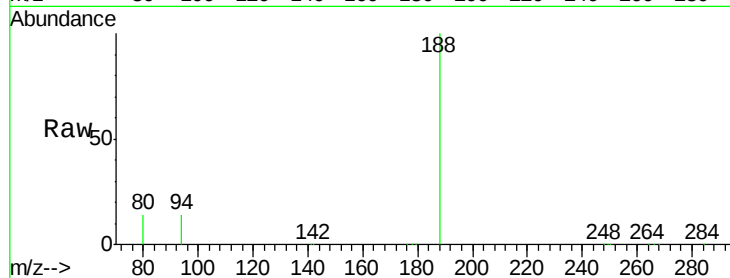
Tot Ion:188 Resp: 363841

Ion Ratio Lower Upper

188 100

94 14.2 15.2 22.8#

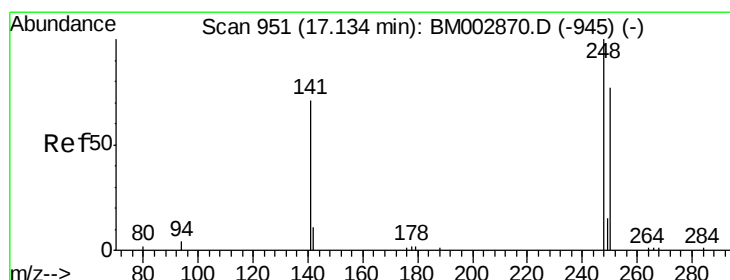
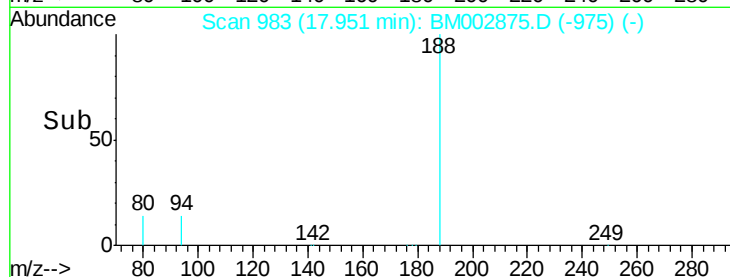
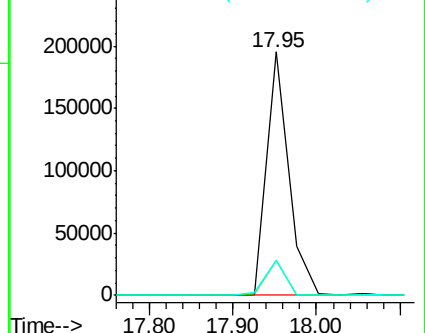
80 14.2 15.9 23.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#20

4-Bromophenyl-phenylether

Concen: 4.39 ng

RT: 17.13 min Scan# 951

Delta R.T. 0.00 min

Lab File: BM002875.D

Acq: 08 Oct 2015 22:11

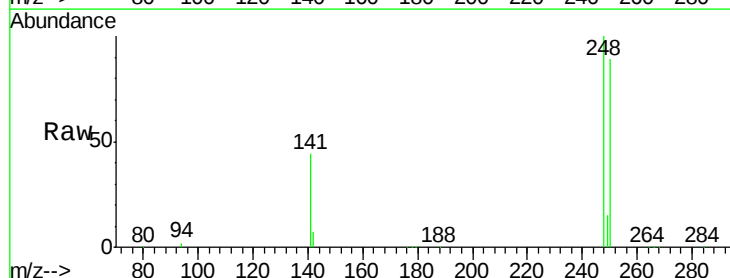
Tgt Ion:248 Resp: 76234

Ion Ratio Lower Upper

248 100

250 92.6 71.4 107.2

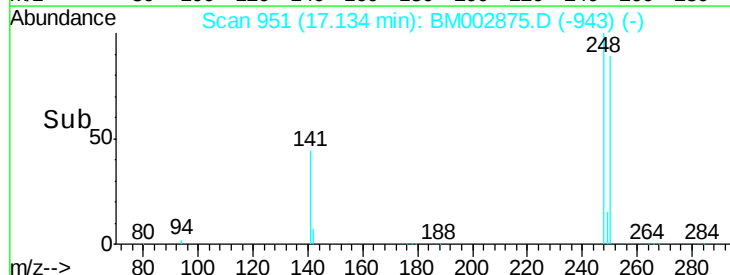
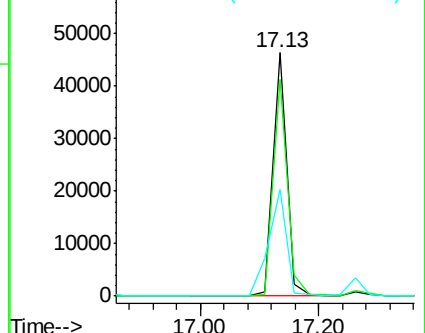
141 56.7 54.6 82.0

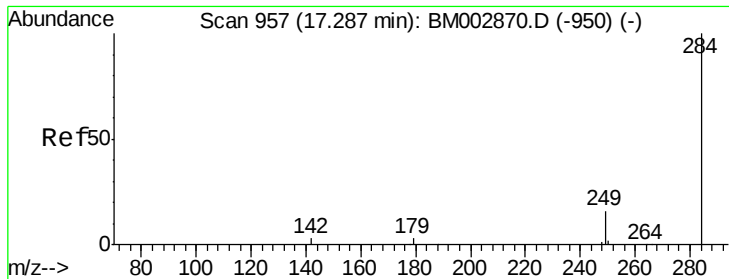


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

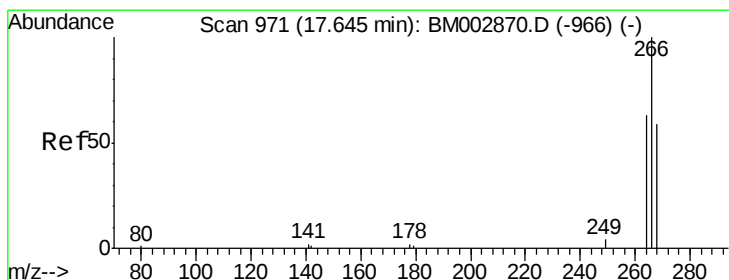
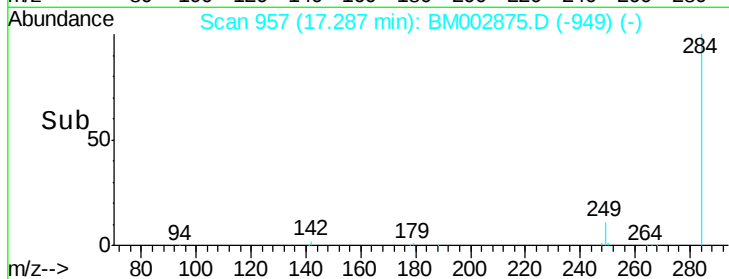
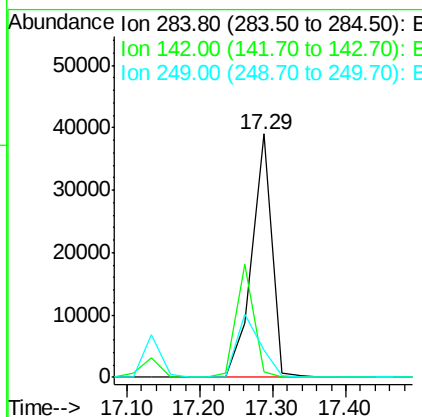
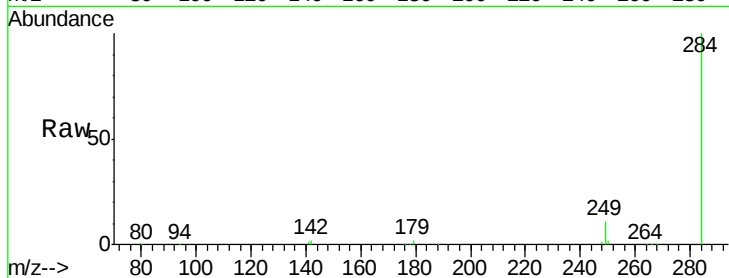




#21
Hexachlorobenzene
Concen: 3.49 ng
RT: 17.29 min Scan# 957
Delta R.T. -0.00 min
Lab File: BM002875.D
Acq: 08 Oct 2015 22:11

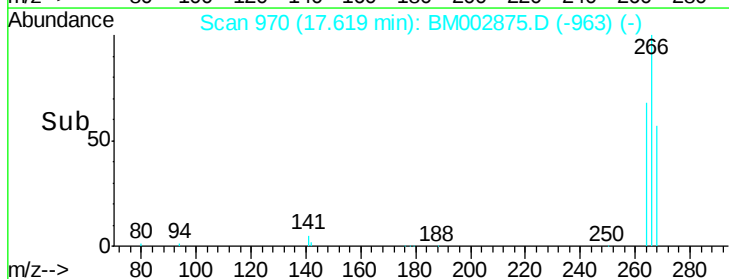
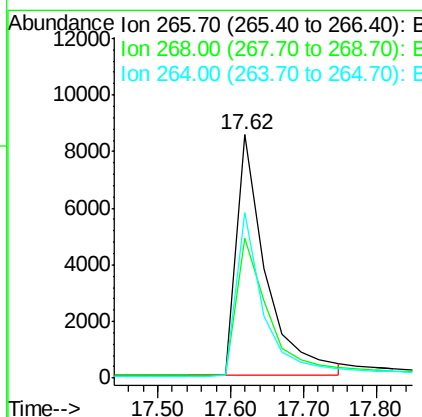
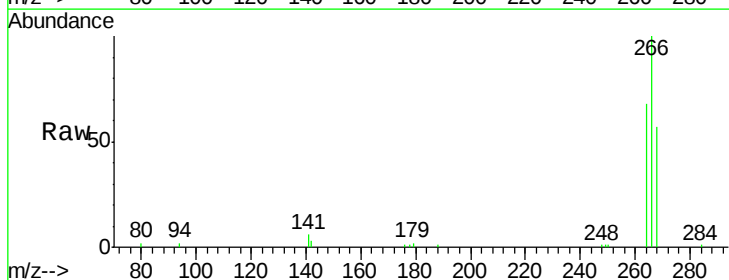
Instrument :
BNA_M
ClientSampleId :
PB85741BS

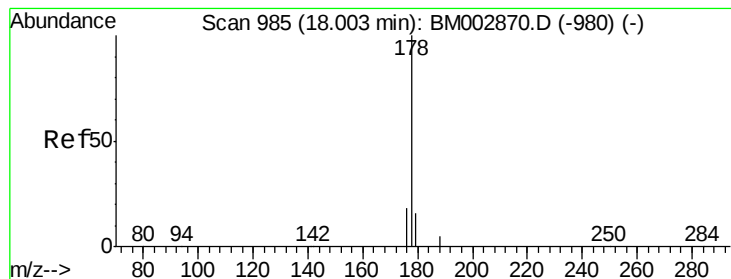
Tot Ion:284 Resp: 74151
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 0.0 20.7 31.1#



#22
Pentachlorophenol
Concen: 7.67 ng
RT: 17.62 min Scan# 970
Delta R.T. -0.02 min
Lab File: BM002875.D
Acq: 08 Oct 2015 22:11

Tgt Ion:266 Resp: 24012
Ion Ratio Lower Upper
266 100
268 57.4 58.3 87.5#
264 67.8 54.2 81.2





#23

Phenanthrene

Concen: 3.58 ng

RT: 18.00 min Scan# 985

Delta R.T. -0.00 min

Lab File: BM002875.D

Acq: 08 Oct 2015 22:11

Instrument :

BNA_M

ClientSampled :

PB85741BS

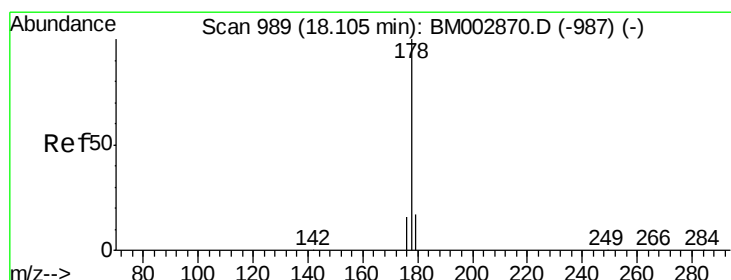
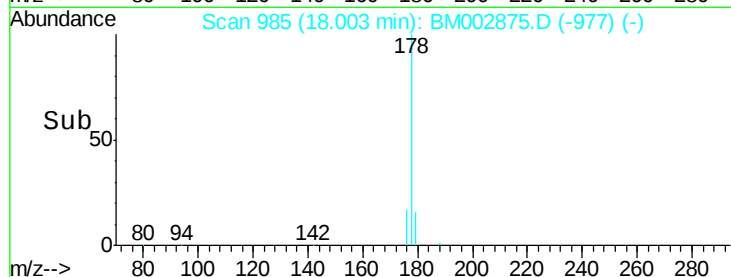
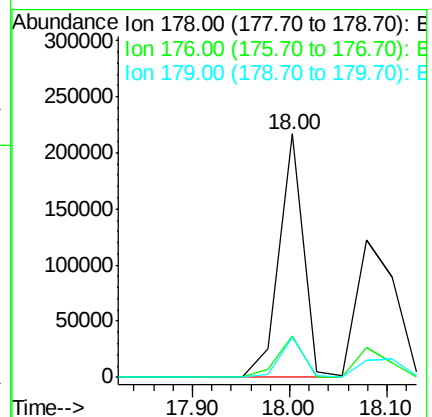
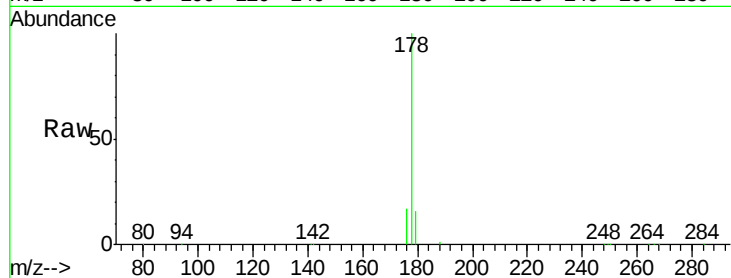
Tot Ion:178 Resp: 380765

Ion Ratio Lower Upper

178 100

176 17.8 14.6 21.8

179 15.9 12.5 18.7



#24

Anthracene

Concen: 4.22 ng

RT: 18.00 min Scan# 985

Delta R.T. -0.10 min

Lab File: BM002875.D

Acq: 08 Oct 2015 22:11

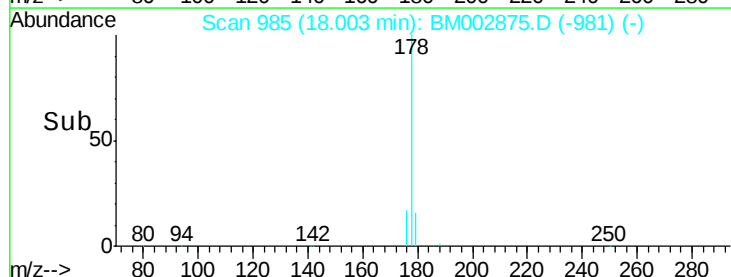
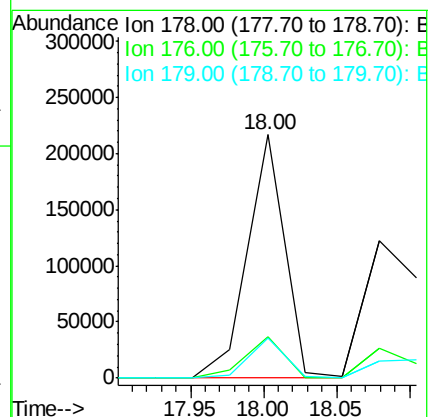
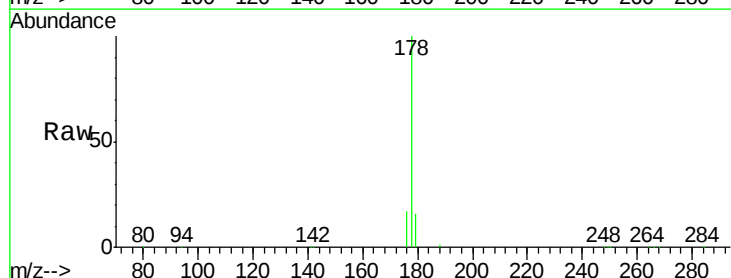
Tgt Ion:178 Resp: 380101

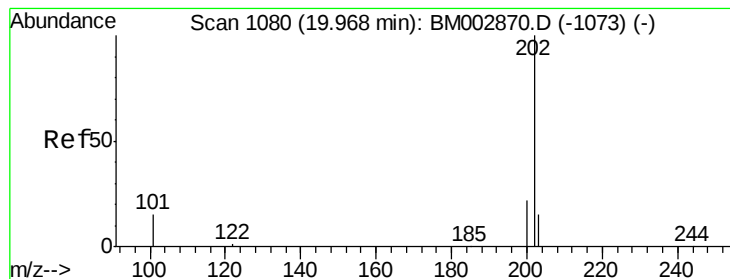
Ion Ratio Lower Upper

178 100

176 17.8 13.9 20.9

179 15.7 12.6 18.8





#25

Fluoranthene

Concen: 3.69 ng

RT: 19.97 min Scan# 1080

Delta R.T. -0.00 min

Lab File: BM002875.D

Acq: 08 Oct 2015 22:11

Instrument :

BNA_M

ClientSampleId :

PB85741BS

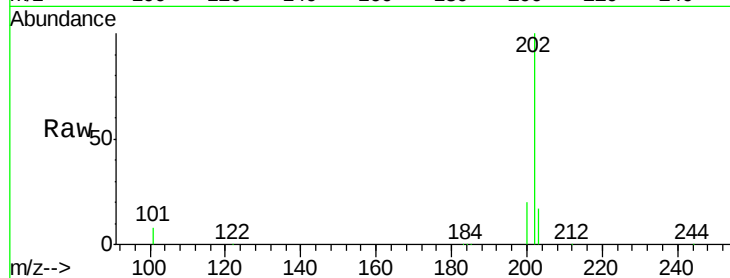
Tot Ion:202 Resp: 435340

Ion Ratio Lower Upper

202 100

101 13.3 11.0 16.6

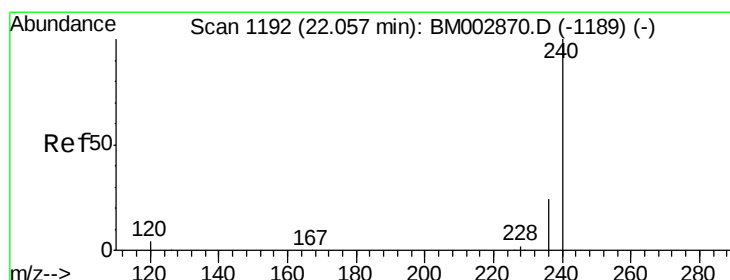
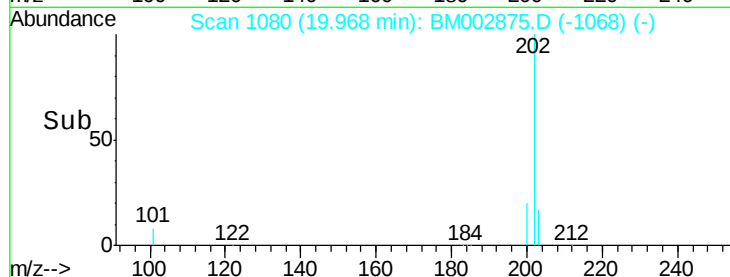
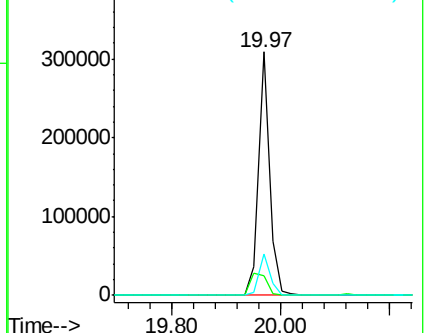
203 17.5 13.8 20.6



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: BM002875.D

Acq: 08 Oct 2015 22:11

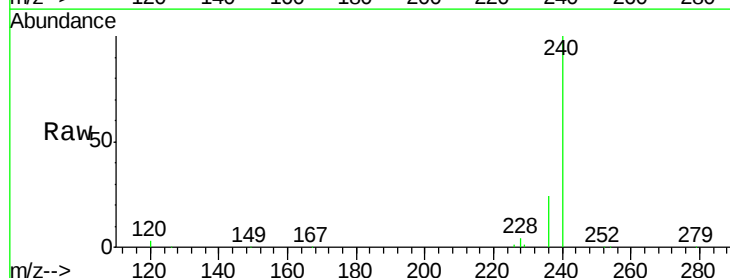
Tgt Ion:240 Resp: 307831

Ion Ratio Lower Upper

240 100

120 2.8 3.3 4.9#

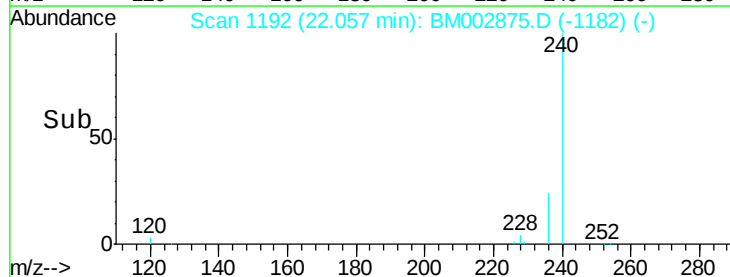
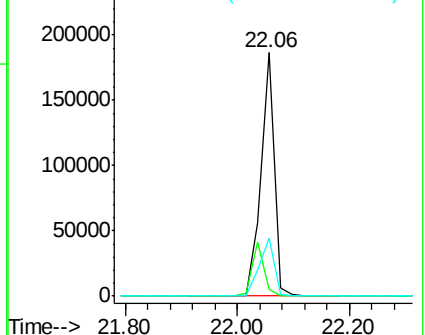
236 23.9 19.5 29.3

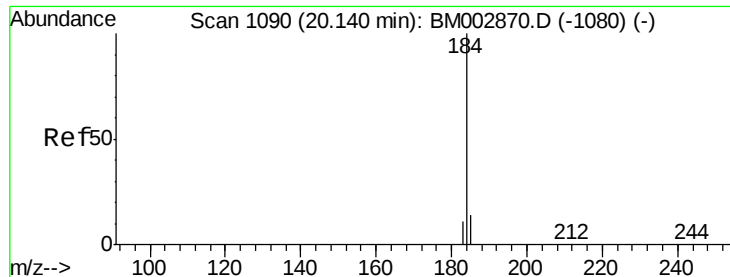


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

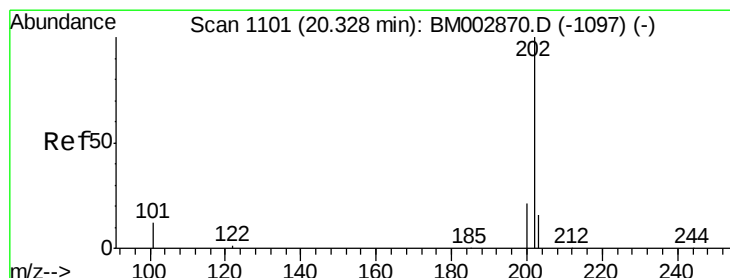
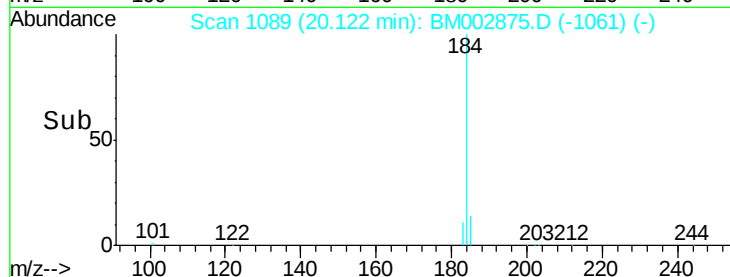
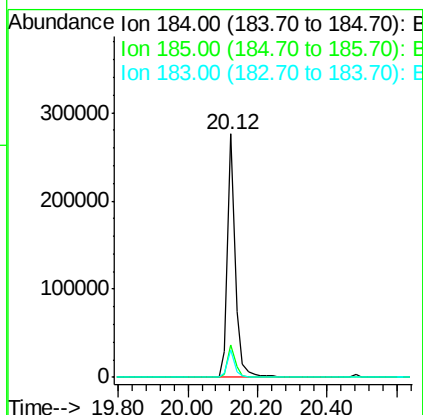
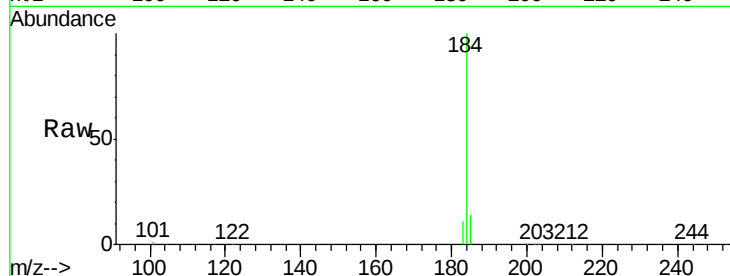




#27
Benzidine
Concen: 8.63 ng
RT: 20.12 min Scan# 1089
Delta R.T. -0.02 min
Lab File: BM002875.D
Acq: 08 Oct 2015 22:11

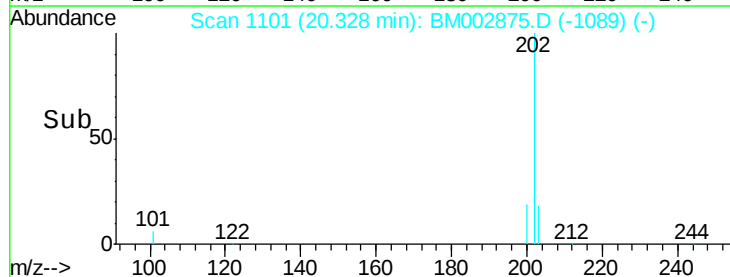
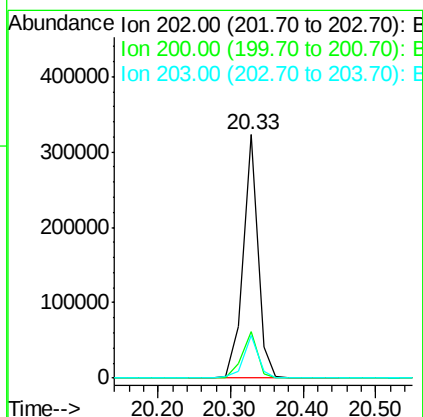
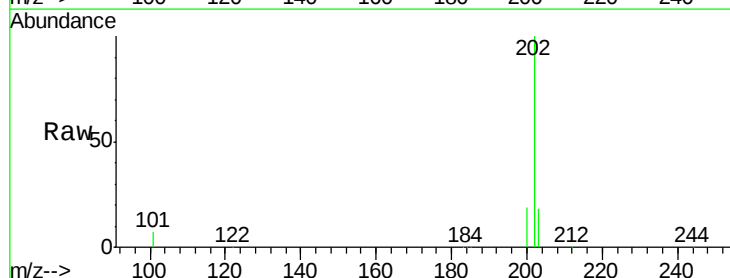
Instrument :
BNA_M
ClientSampleId :
PB85741BS

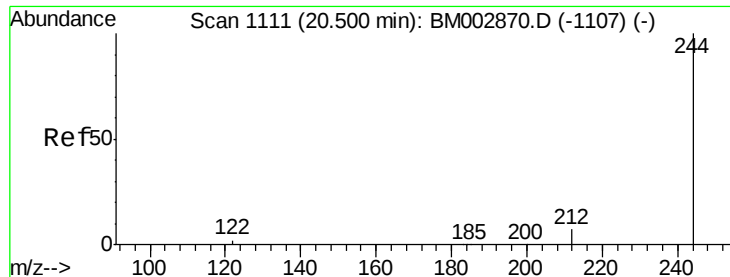
Tot Ion:184 Resp: 427023
Ion Ratio Lower Upper
184 100
185 13.5 12.0 18.0
183 11.4 8.9 13.3



#28
Pyrene
Concen: 5.43 ng
RT: 20.33 min Scan# 1101
Delta R.T. -0.00 min
Lab File: BM002875.D
Acq: 08 Oct 2015 22:11

Tgt Ion:202 Resp: 450904
Ion Ratio Lower Upper
202 100
200 20.0 16.2 24.4
203 18.0 13.8 20.8





#29

Terphenyl-d14

Concen: 5.00 ng

RT: 20.48 min Scan# 1110

Delta R.T. -0.02 min

Lab File: BM002875.D

Acq: 08 Oct 2015 22:11

Instrument :

BNA_M

ClientSampleId :

PB85741BS

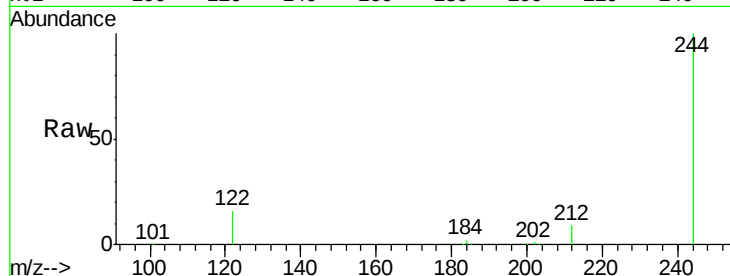
Tot Ion:244 Resp: 205253

Ion Ratio Lower Upper

244 100

212 9.4 5.6 8.4#

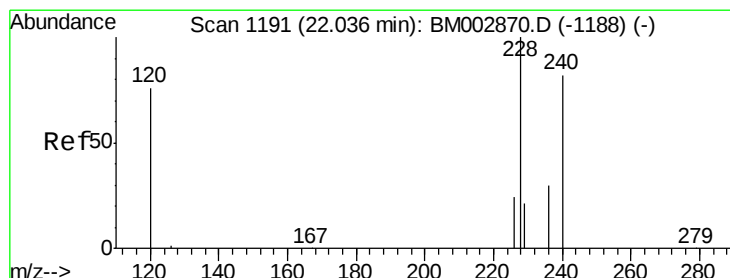
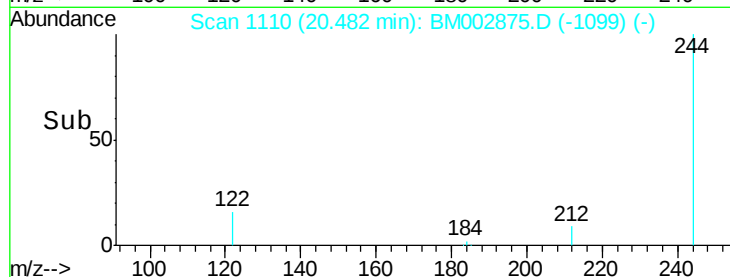
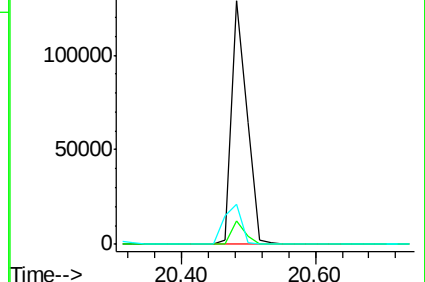
122 16.4 2.2 3.2#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 4.17 ng

RT: 22.04 min Scan# 1191

Delta R.T. -0.00 min

Lab File: BM002875.D

Acq: 08 Oct 2015 22:11

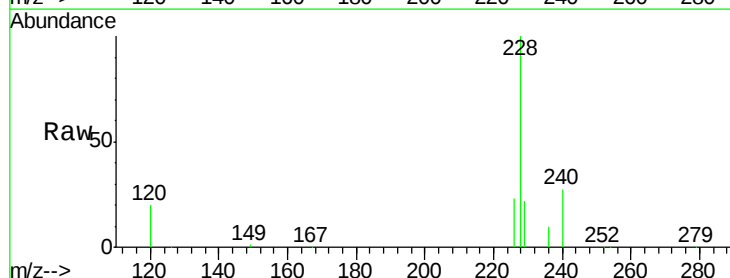
Tgt Ion:228 Resp: 368248

Ion Ratio Lower Upper

228 100

226 22.7 19.0 28.6

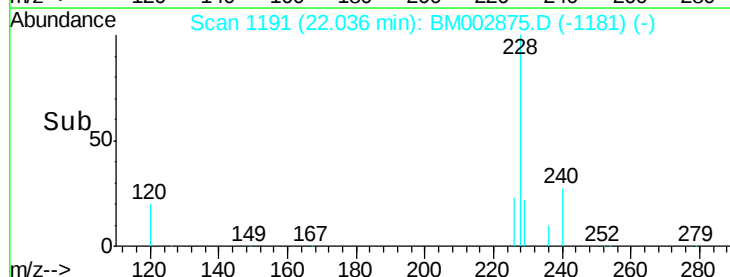
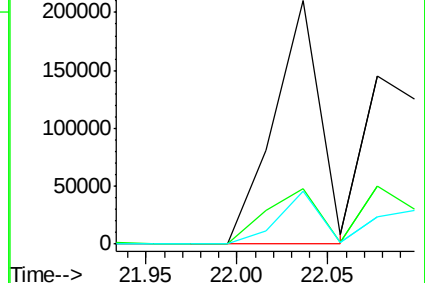
229 21.8 16.8 25.2

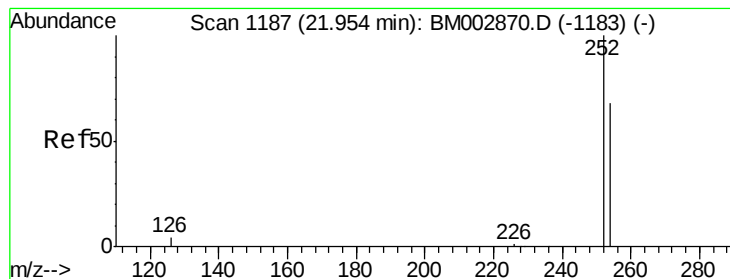


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

3,3'-Dichlorobenzidine

Concen: 3.97 ng

RT: 21.95 min Scan# 1187

Delta R.T. -0.00 min

Lab File: BM002875.D

Acq: 08 Oct 2015 22:11

Instrument :

BNA_M

ClientSampleId :

PB85741BS

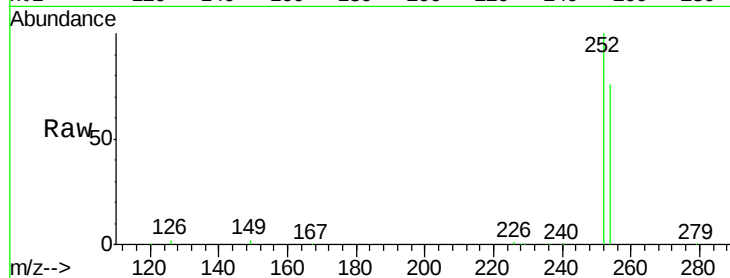
Tot Ion:252 Resp: 134574

Ion Ratio Lower Upper

252 100

254 75.8 54.1 81.1

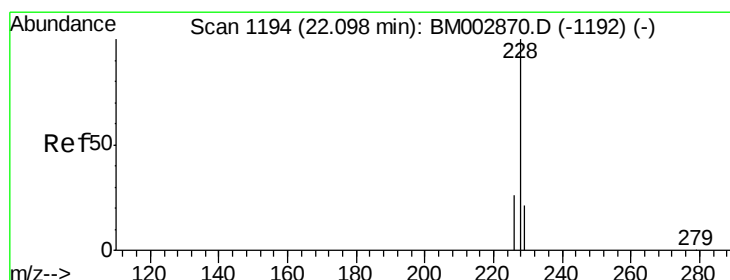
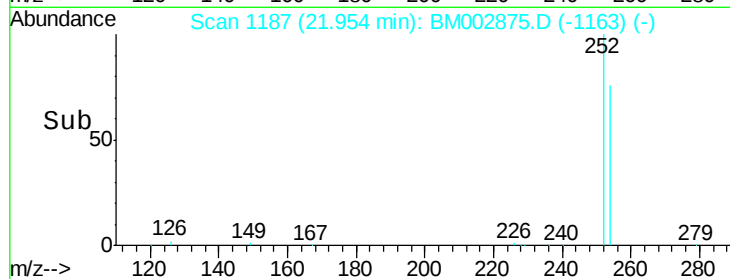
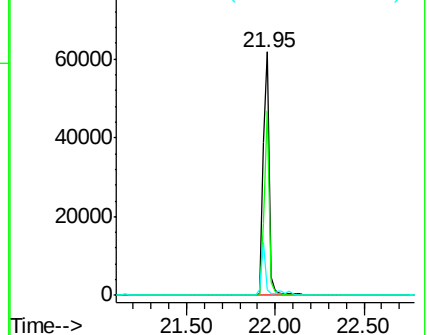
126 2.5 4.1 6.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#32

Chrysene

Concen: 4.45 ng

RT: 22.04 min Scan# 1191

Delta R.T. -0.06 min

Lab File: BM002875.D

Acq: 08 Oct 2015 22:11

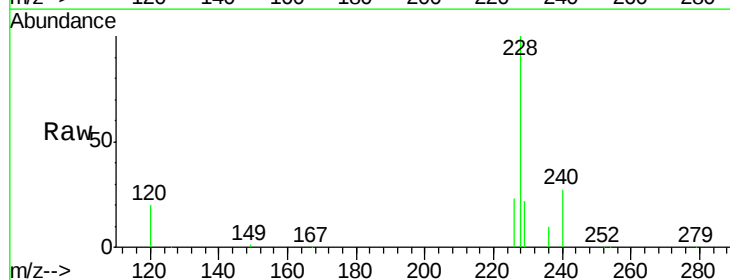
Tgt Ion:228 Resp: 368248

Ion Ratio Lower Upper

228 100

226 22.7 20.6 30.8

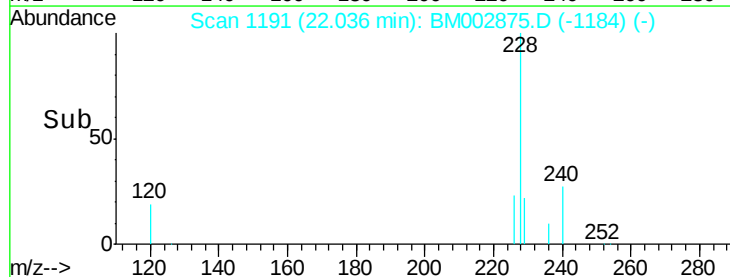
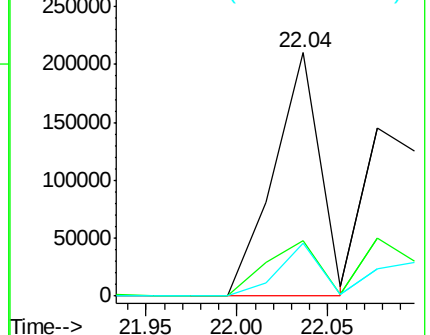
229 21.8 17.4 26.2

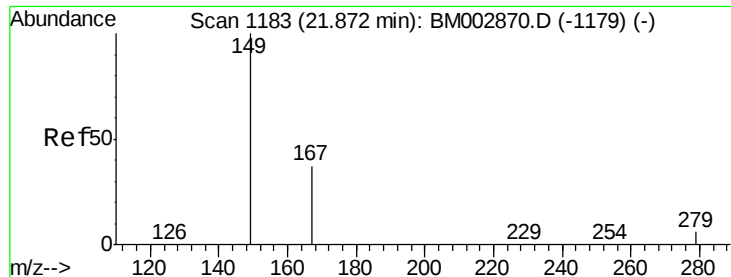


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

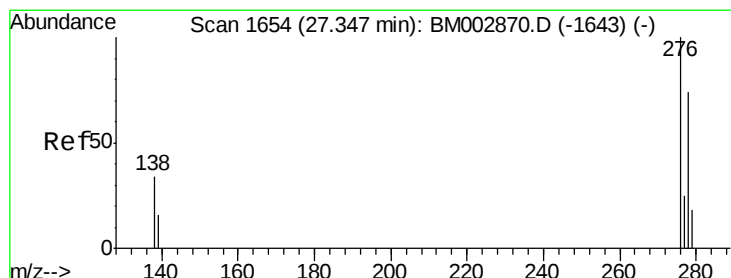
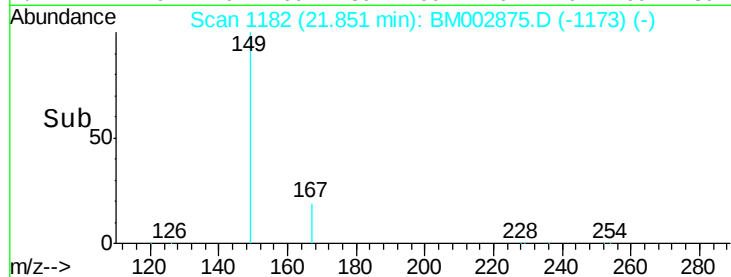
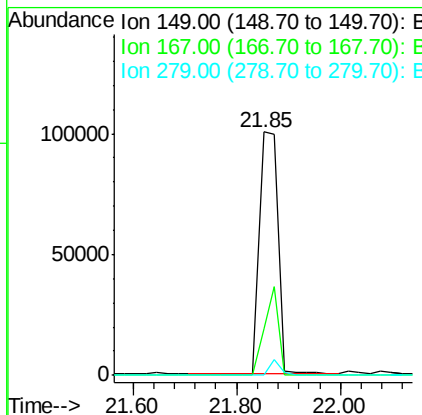
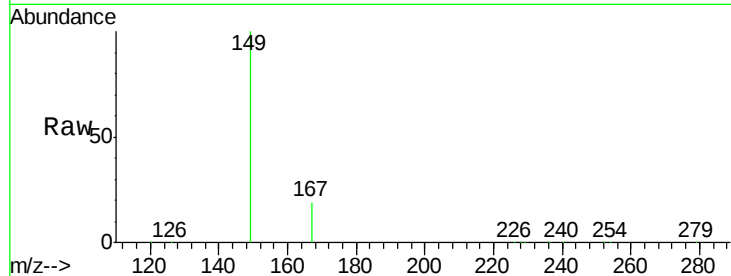




#33
 Bis(2-ethylhexyl)phthalate
 Concen: 4.59 ng
 RT: 21.85 min Scan# 1182
 Delta R.T. -0.02 min
 Lab File: BM002875.D
 Acq: 08 Oct 2015 22:11

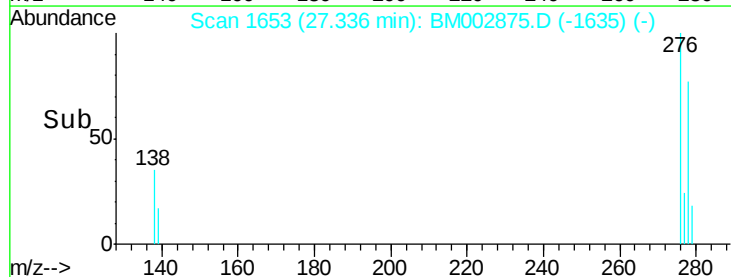
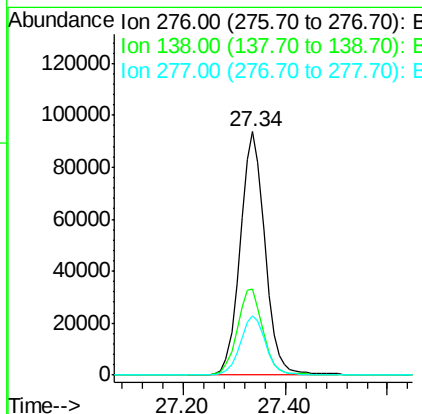
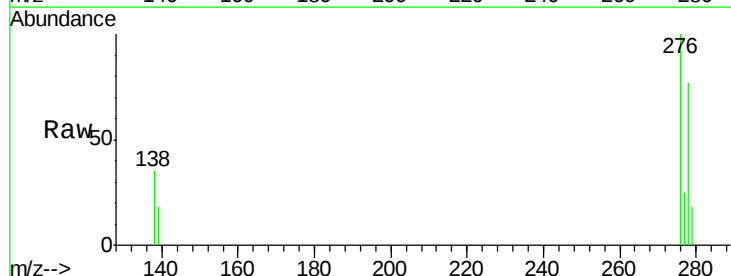
Instrument :
 BNA_M
 ClientSampleId :
 PB85741BS

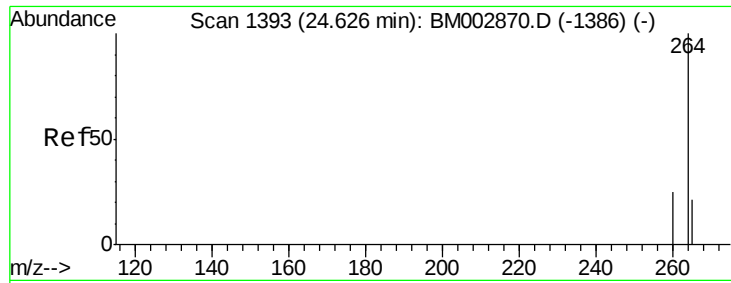
Tot Ion:149 Resp: 247072
 Ion Ratio Lower Upper
 149 100
 167 0.0 17.2 25.8#
 279 0.0 2.2 3.4#



#34
 Indeno(1,2,3-cd)pyrene
 Concen: 3.16 ng
 RT: 27.34 min Scan# 1653
 Delta R.T. -0.01 min
 Lab File: BM002875.D
 Acq: 08 Oct 2015 22:11

Tgt Ion:276 Resp: 313218
 Ion Ratio Lower Upper
 276 100
 138 36.5 29.0 43.6
 277 24.7 19.8 29.8

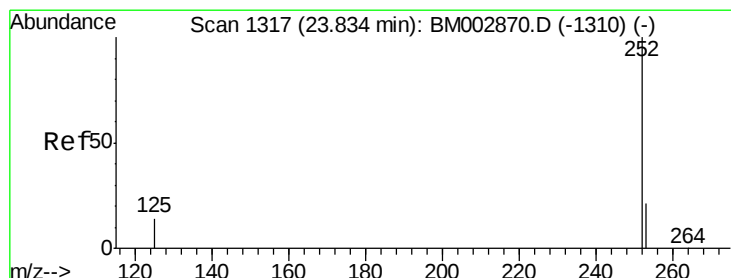
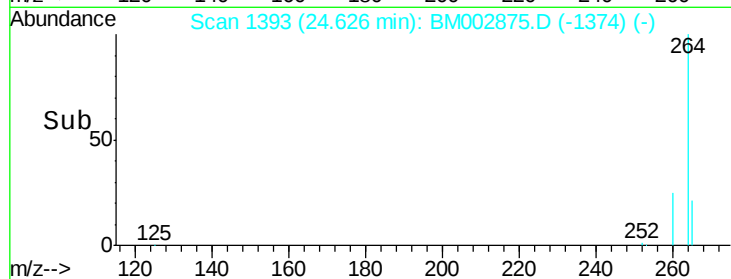
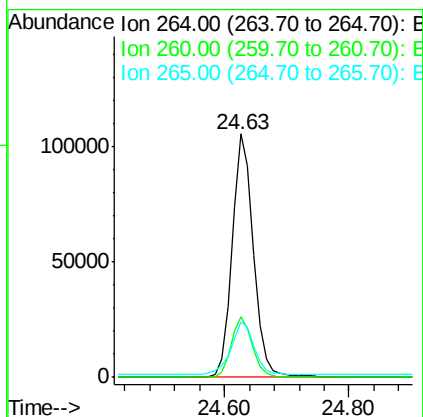
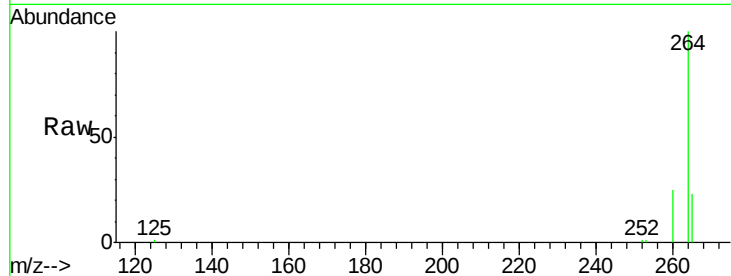




#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 24.63 min Scan# 1393
 Delta R.T. -0.00 min
 Lab File: BM002875.D
 Acq: 08 Oct 2015 22:11

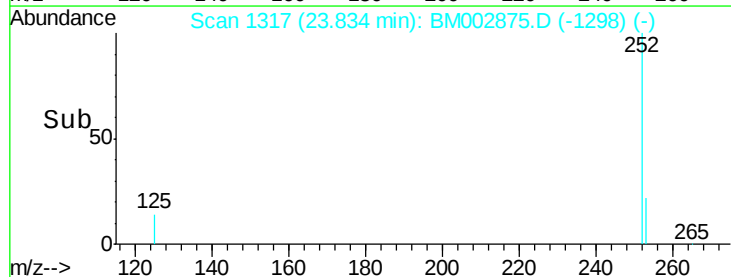
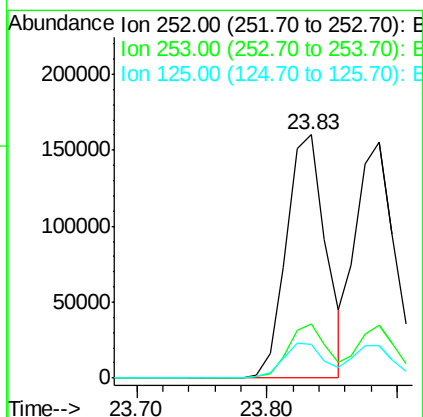
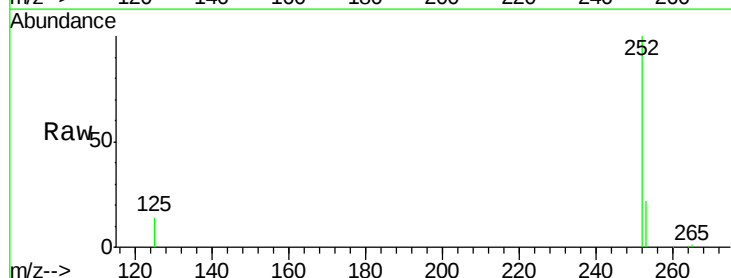
Instrument :
 BNA_M
 ClientSampleId :
 PB85741BS

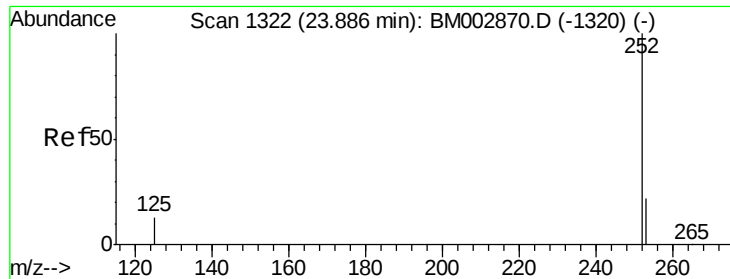
Tot Ion:264 Resp: 250548
 Ion Ratio Lower Upper
 264 100
 260 24.9 20.1 30.1
 265 22.5 17.6 26.4



#36
 Benzo(b)fluoranthene
 Concen: 4.68 ng
 RT: 23.83 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: BM002875.D
 Acq: 08 Oct 2015 22:11

Tgt Ion:252 Resp: 335813
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.5 26.3
 125 13.9 12.4 18.6





#37

Benzo(k)fluoranthene

Concen: 4.69 ng

RT: 23.89 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BM002875.D

Acq: 08 Oct 2015 22:11

Instrument :

BNA_M

ClientSampleId :

PB85741BS

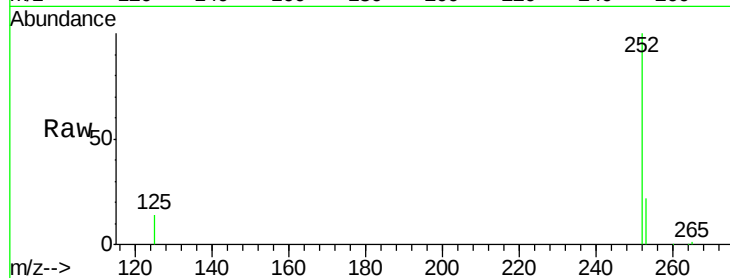
Tot Ion:252 Resp: 324994

Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

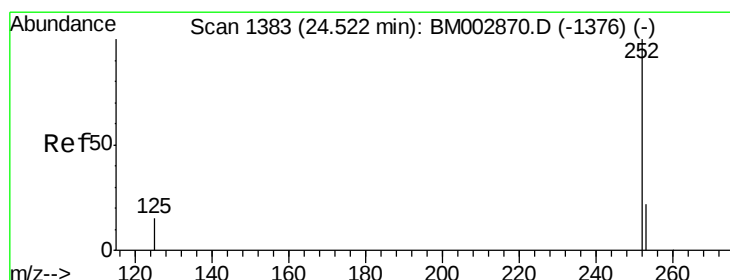
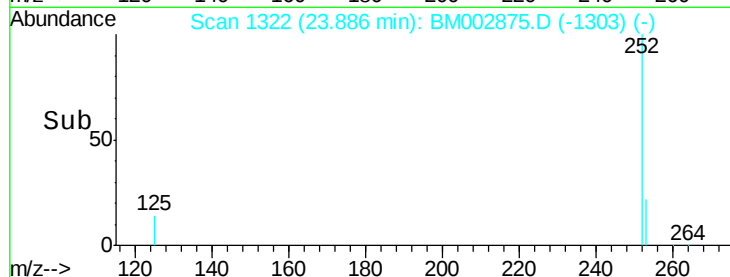
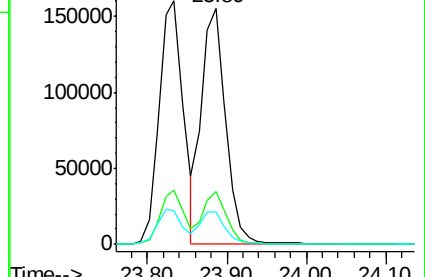
125 13.9 12.3 18.5



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: 4.61 ng

RT: 24.51 min Scan# 1382

Delta R.T. -0.01 min

Lab File: BM002875.D

Acq: 08 Oct 2015 22:11

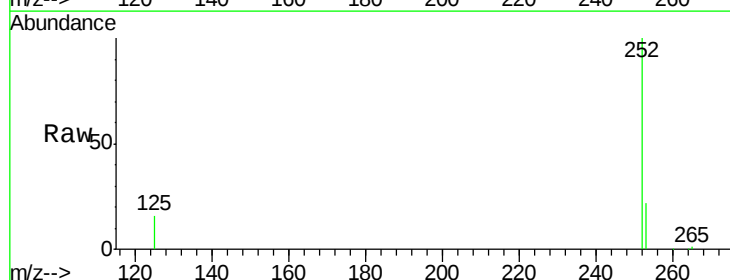
Tgt Ion:252 Resp: 304376

Ion Ratio Lower Upper

252 100

253 21.6 18.4 27.6

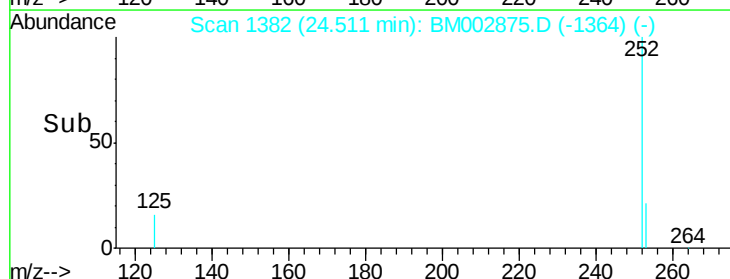
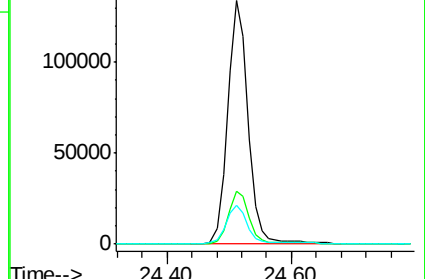
125 16.1 13.3 19.9

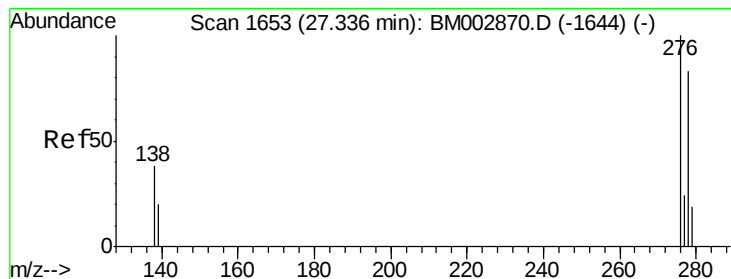


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



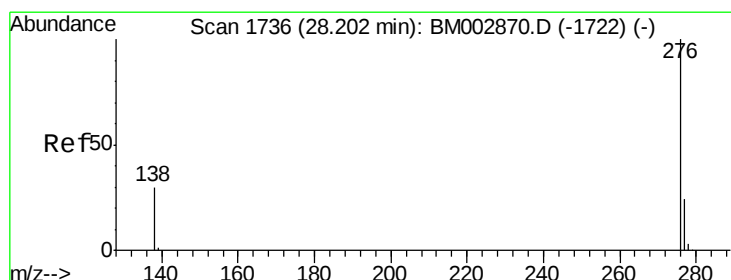
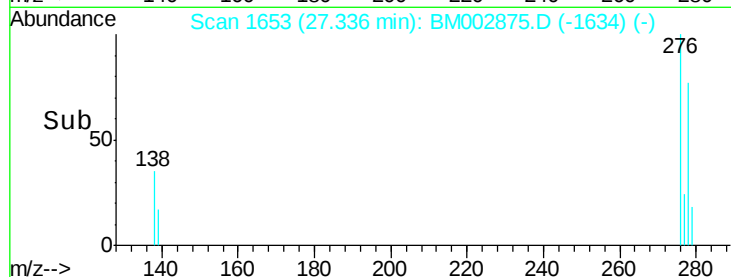
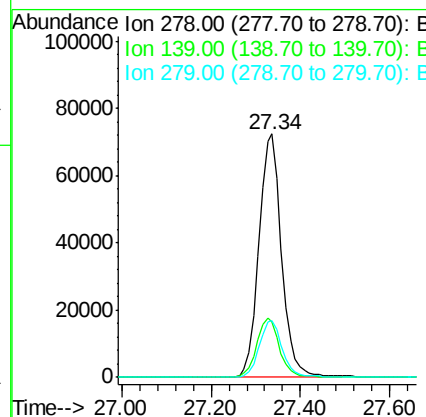
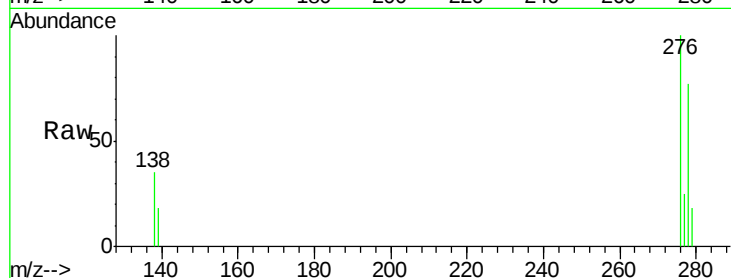


#39
Dibenzo(a,h)anthracene
Concen: 3.96 ng
RT: 27.34 min Scan# 1653
Delta R.T. -0.00 min
Lab File: BM002875.D
Acq: 08 Oct 2015 22:11

Instrument :
BNA_M
ClientSampleId :
PB85741BS

Tot Ion:278 Resp: 254511

Ion	Ratio	Lower	Upper
278	100		
139	22.7	19.8	29.6
279	23.5	19.1	28.7



#40
Benzo(g,h,i)perylene
Concen: 3.95 ng
RT: 28.18 min Scan# 1734
Delta R.T. -0.02 min
Lab File: BM002875.D
Acq: 08 Oct 2015 22:11

Tgt Ion:276 Resp: 261853

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.4	29.0
138	30.9	24.4	36.6

