

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100815\
 Data File : BM002874.D
 Acq On : 08 Oct 2015 21:34
 Operator : UM/IZ
 Sample : SSTDICV001
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICBM100815

Quant Time: Oct 09 04:00:22 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	8.68	152	53149	5.00	ng	0.00
7) Naphthalene-d8	11.52	136	219531	5.00	ng	0.00
13) Acenaphthene-d10	15.25	164	117422	5.00	ng	0.00
19) Phenanthrene-d10	17.95	188	242297	5.00	ng	0.00
26) Chrysene-d12	22.06	240	271329	5.00	ng	0.00
35) Perylene-d12	24.63	264	273958	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	6.16	112	9215	0.81	ng	0.02
5) Phenol-d6	7.80	99	12466	0.89	ng	0.00
8) Nitrobenzene-d5	9.88	82	10240	0.93	ng	0.01
14) 2,4,6-Tribromophenol	16.74	330	3353	0.86	ng	0.00
15) 2-Fluorobiphenyl	13.90	172	33540	0.94	ng	0.00
29) Terphenyl-d14	20.50	244	34896	0.96	ng	0.00

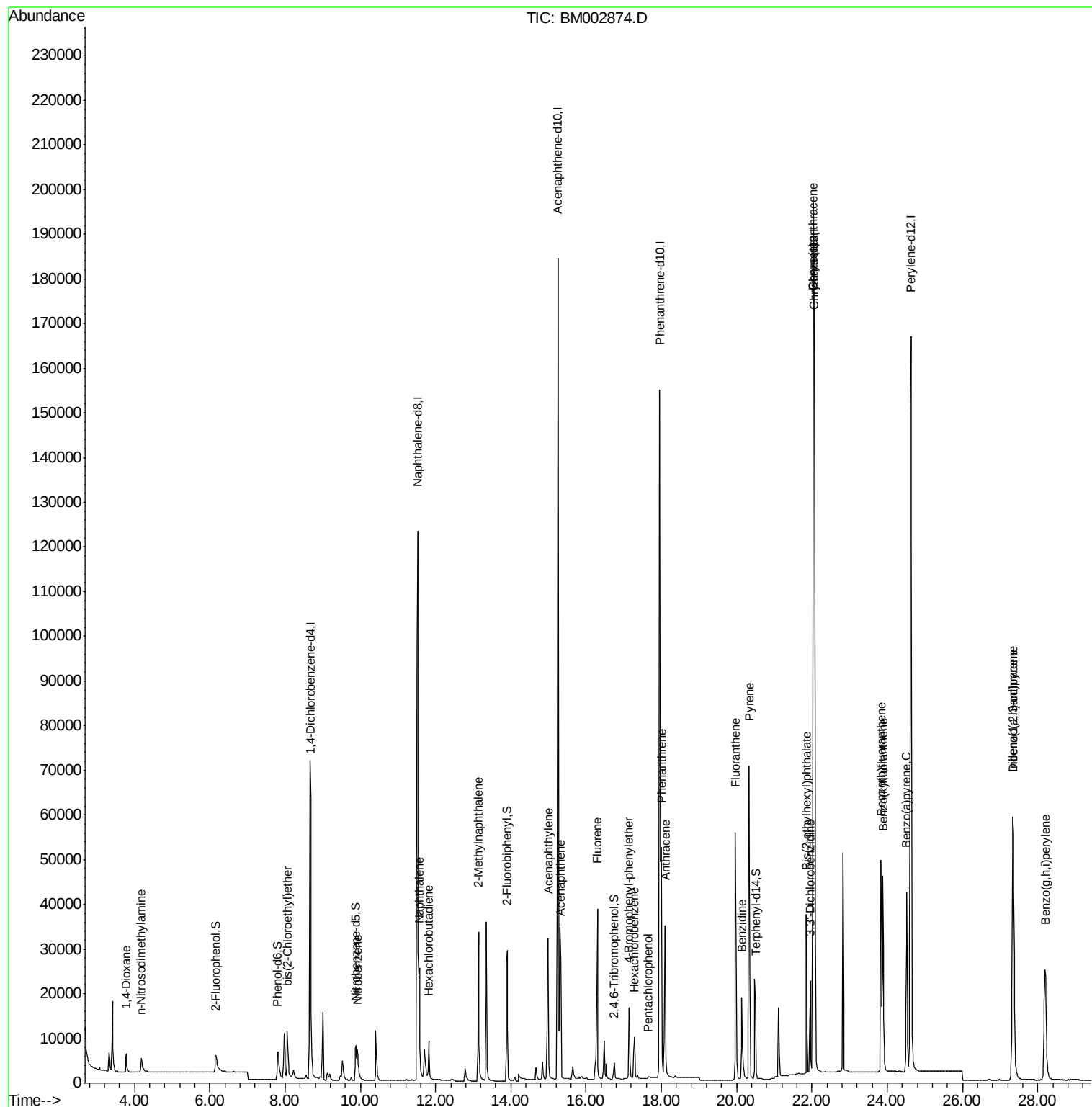
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.78	88	4557	0.95	ng	99
3) n-Nitrosodimethylamine	4.17	42	3884	0.94	ng	99
6) bis(2-Chloroethyl)ether	8.06	93	11621	0.84	ng	100
9) Nitrobenzene	9.93	77	10781	0.92	ng	100
10) Naphthalene	11.57	128	44423	0.91	ng	100
11) Hexachlorobutadiene	11.81	225	7065	0.91	ng	100
12) 2-Methylnaphthalene	13.14	142	29641	0.91	ng	98
16) Acenaphthylene	14.99	152	45731	0.92	ng	100
17) Acenaphthene	15.32	154	28471	0.88	ng	# 100
18) Fluorene	16.30	166	35703	0.91	ng	100
20) 4-Bromophenyl-phenylether	17.13	248	11366	0.98	ng	98
21) Hexachlorobenzene	17.29	284	12787	0.90	ng	# 100
22) Pentachlorophenol	17.64	266	727	0.74	ng	100
23) Phenanthrene	18.00	178	64603	0.91	ng	100
24) Anthracene	18.10	178	53183	0.89	ng	100
25) Fluoranthene	19.97	202	67913	0.86	ng	100
27) Benzidine	20.14	184	32932	0.92	ng	99
28) Pyrene	20.33	202	72247	0.99	ng	100
30) Benzo(a)anthracene	22.04	228	68130	0.88	ng	96
31) 3,3'-Dichlorobenzidine	21.96	252	26807	0.90	ng	94
32) Chrysene	22.04	228	67775	0.93	ng	95
33) Bis(2-ethylhexyl)phthalate	21.85	149	43469	0.92	ng	# 92
34) Indeno(1,2,3-cd)pyrene	27.34	276	78240	0.90	ng	100
36) Benzo(b)fluoranthene	23.84	252	71072	0.91	ng	98
37) Benzo(k)fluoranthene	23.89	252	71385	0.94	ng	99
38) Benzo(a)pyrene	24.52	252	65290	0.91	ng	99
39) Dibenzo(a,h)anthracene	27.34	278	62371	0.89	ng	99
40) Benzo(g,h,i)perylene	28.19	276	64436	0.89	ng	98

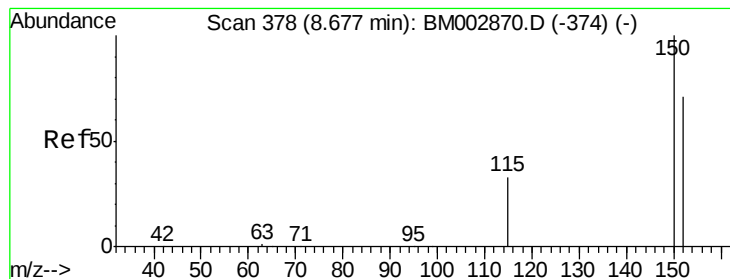
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 09 02:41:41 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.68 min Scan# 378

Delta R.T. -0.00 min

Lab File: BM002874.D

Acq: 08 Oct 2015 21:34

Instrument :

BNA_M

ClientSampleId :

ICVBM100815

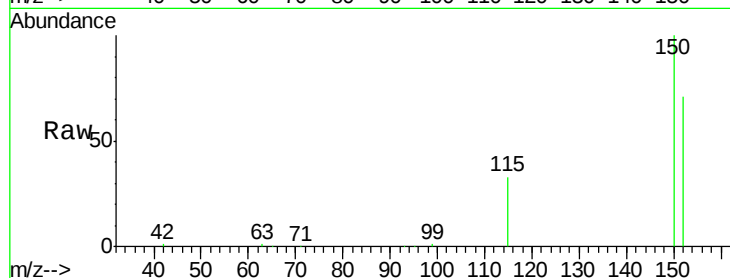
Tot Ion:152 Resp: 53149

Ion Ratio Lower Upper

152 100

150 140.7 113.0 169.6

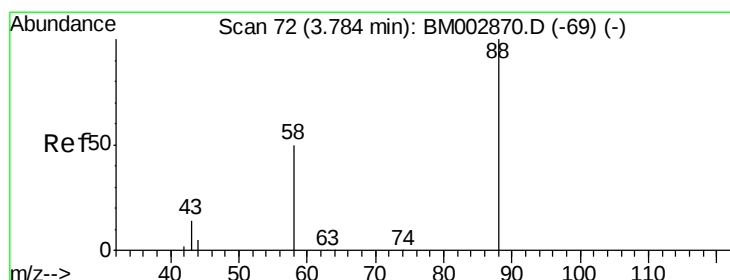
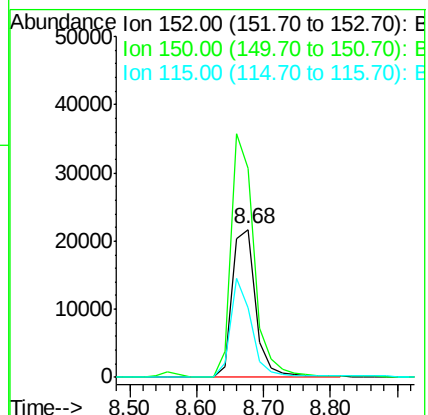
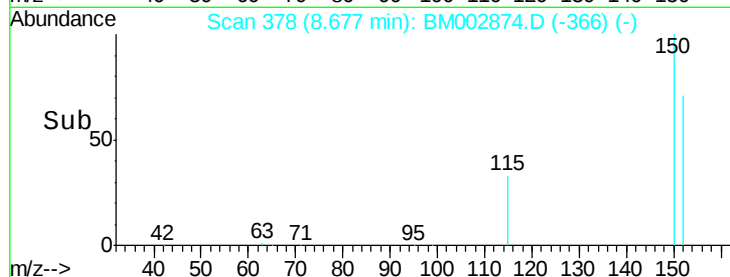
115 47.1 37.9 56.9



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



#2

1,4-Dioxane

Concen: 0.95 ng

RT: 3.78 min Scan# 72

Delta R.T. 0.00 min

Lab File: BM002874.D

Acq: 08 Oct 2015 21:34

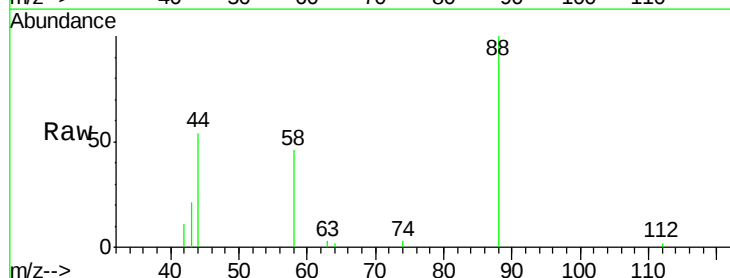
Tgt Ion: 88 Resp: 4557

Ion Ratio Lower Upper

88 100

58 70.4 56.7 85.1

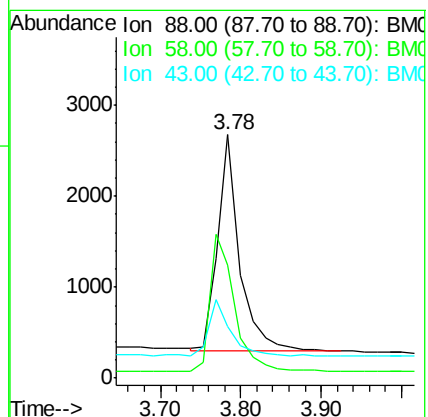
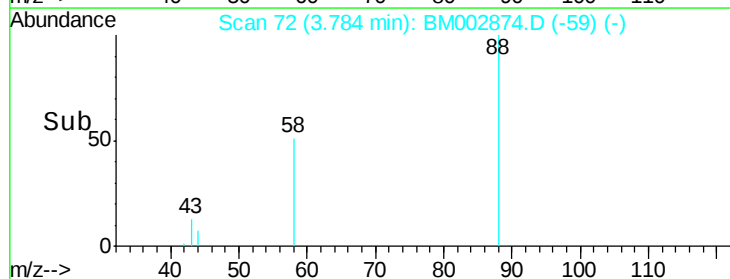
43 25.6 22.0 33.0

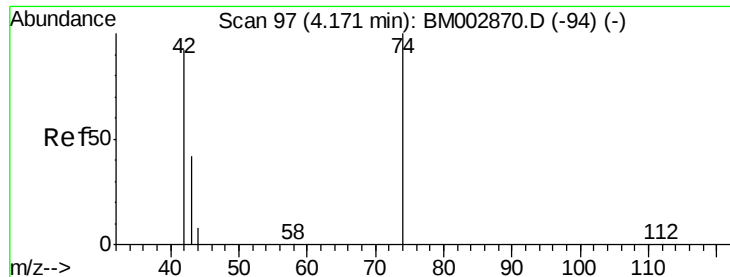


Abundance Ion 88.00 (87.70 to 88.70): BM

Ion 58.00 (57.70 to 58.70): BM

Ion 43.00 (42.70 to 43.70): BM





#3

n-Nitrosodimethylamine

Concen: 0.94 ng

RT: 4.17 min Scan# 97

Delta R.T. -0.00 min

Lab File: BM002874.D

Acq: 08 Oct 2015 21:34

Instrument :

BNA_M

ClientSampleId :

ICVBM100815

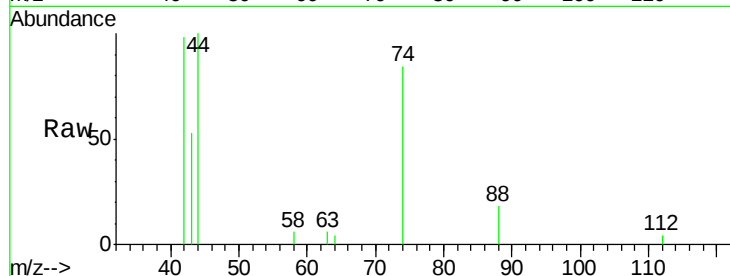
Tot Ion: 42 Resp: 3884

Ion Ratio Lower Upper

42 100

74 151.0 119.7 179.5

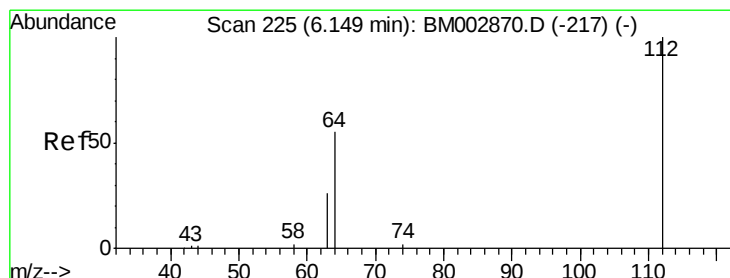
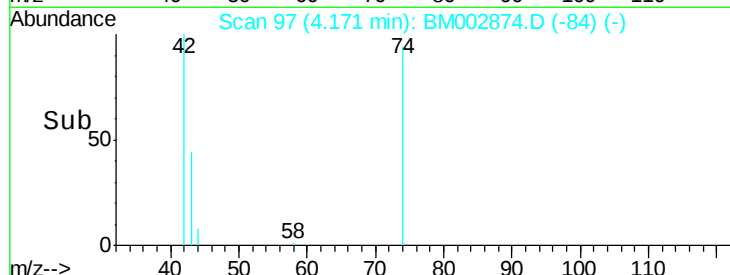
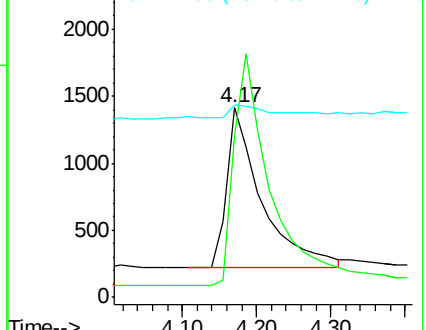
44 12.1 9.8 14.6



Abundance Ion 42.00 (41.70 to 42.70): BM002874.D (-94) (-)

Ion 74.00 (73.70 to 74.70): BM002874.D (-94) (-)

Ion 44.00 (43.70 to 44.70): BM002874.D (-94) (-)



#4

2-Fluorophenol

Concen: 0.81 ng

RT: 6.16 min Scan# 226

Delta R.T. 0.02 min

Lab File: BM002874.D

Acq: 08 Oct 2015 21:34

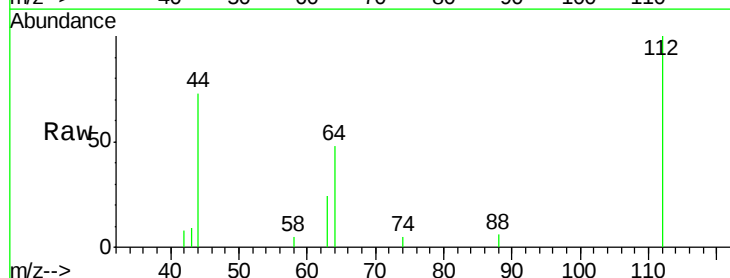
Tgt Ion: 112 Resp: 9215

Ion Ratio Lower Upper

112 100

64 52.1 42.0 63.0

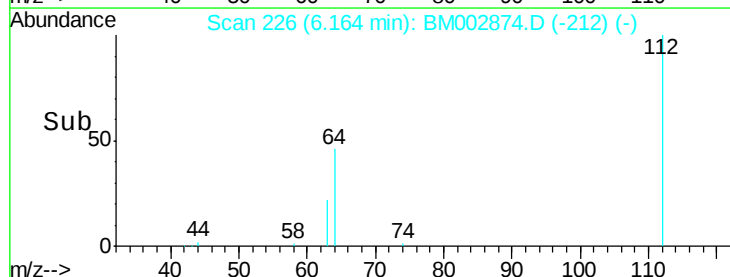
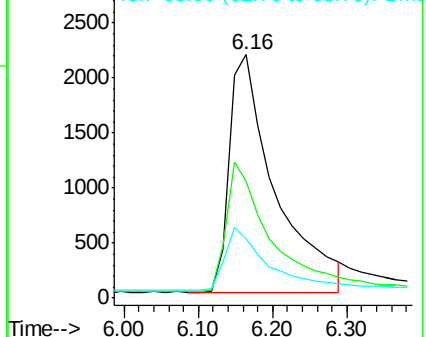
63 24.6 20.0 30.0

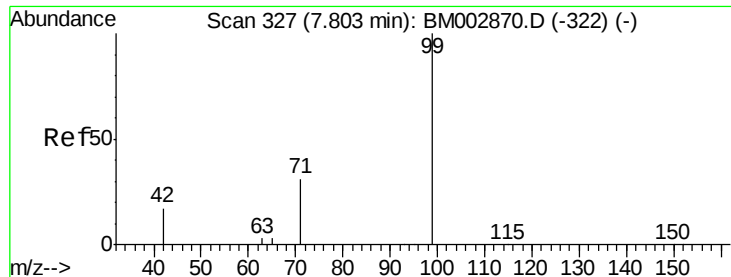


Abundance Ion 112.00 (111.70 to 112.70): BM002874.D (-217) (-)

Ion 64.00 (63.70 to 64.70): BM002874.D (-217) (-)

Ion 63.00 (62.70 to 63.70): BM002874.D (-217) (-)





#5

Phenol-d6

Concen: 0.89 ng

RT: 7.80 min Scan# 327

Delta R.T. -0.00 min

Lab File: BM002874.D

Acq: 08 Oct 2015 21:34

Instrument :

BNA_M

ClientSampleId :

ICVBM100815

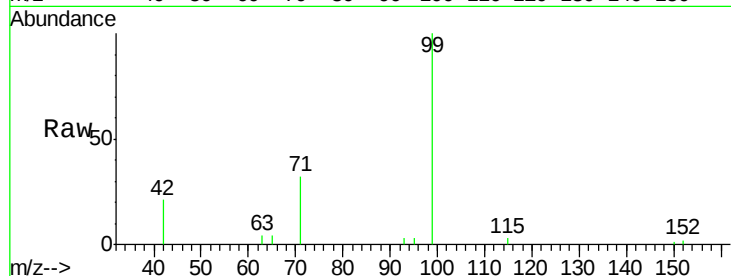
Tot Ion: 99 Resp: 12466

Ion Ratio Lower Upper

99 100

42 15.9 12.4 18.6

71 26.9 21.4 32.0

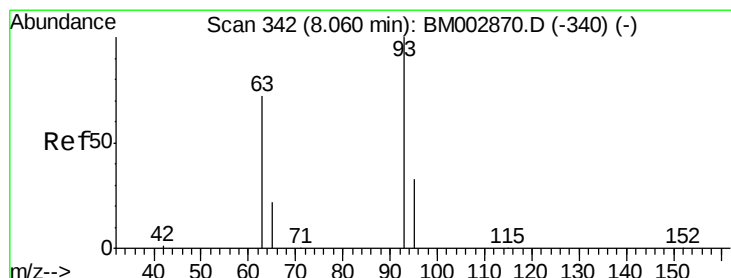
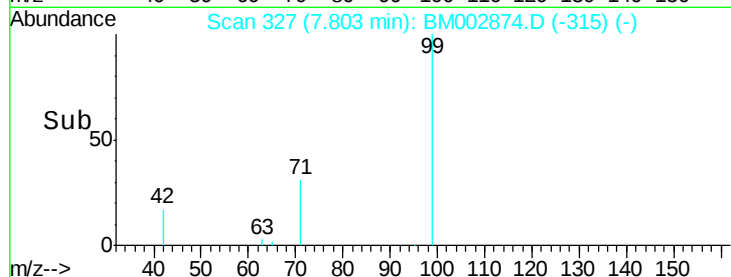


Abundance Ion 99.00 (98.70 to 99.70): BM002874.D (-322) (-)

Ion 42.00 (41.70 to 42.70): BM002874.D (-322) (-)

Ion 71.00 (70.70 to 71.70): BM002874.D (-322) (-)

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.84 ng

RT: 8.06 min Scan# 342

Delta R.T. -0.00 min

Lab File: BM002874.D

Acq: 08 Oct 2015 21:34

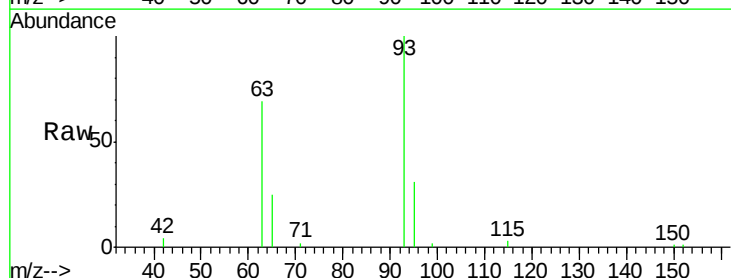
Tgt Ion: 93 Resp: 11621

Ion Ratio Lower Upper

93 100

63 66.0 52.9 79.3

95 30.9 25.2 37.8

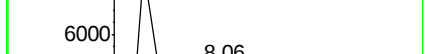
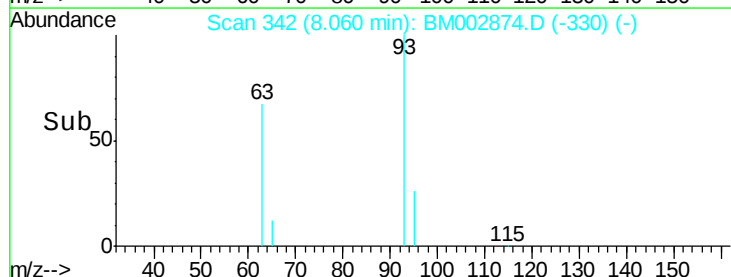


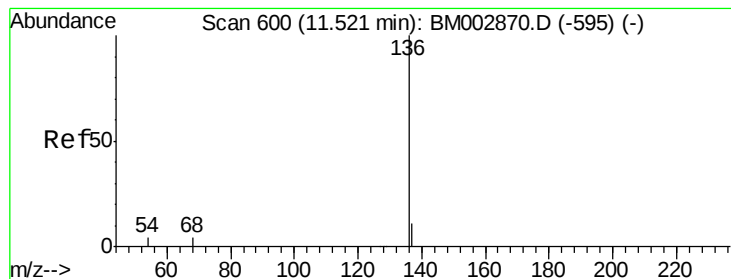
Abundance Ion 93.00 (92.70 to 93.70): BM002874.D (-340) (-)

Ion 63.00 (62.70 to 63.70): BM002874.D (-340) (-)

Ion 95.00 (94.70 to 95.70): BM002874.D (-340) (-)

Time-->





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 11.52 min Scan# 600

Delta R.T. -0.00 min

Lab File: BM002874.D

Acq: 08 Oct 2015 21:34

Instrument :

BNA_M

ClientSampleId :

ICVBM100815

Tot Ion:136 Resp: 219531

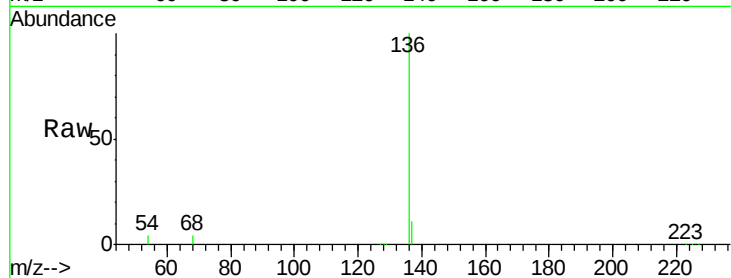
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 4.4 3.5 5.3

68 4.2 3.3 4.9

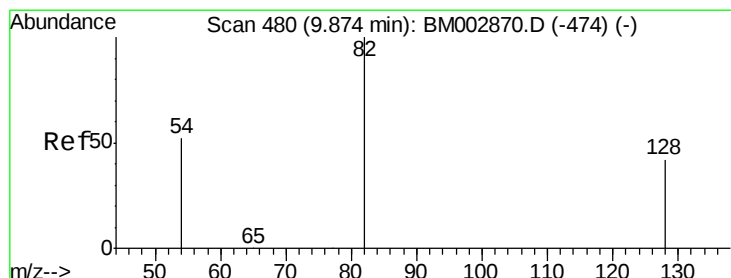
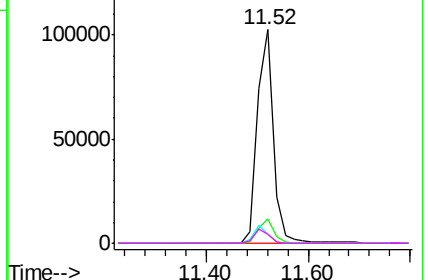
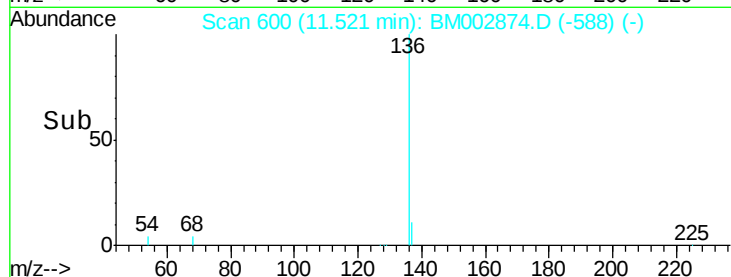


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.93 ng

RT: 9.88 min Scan# 481

Delta R.T. 0.01 min

Lab File: BM002874.D

Acq: 08 Oct 2015 21:34

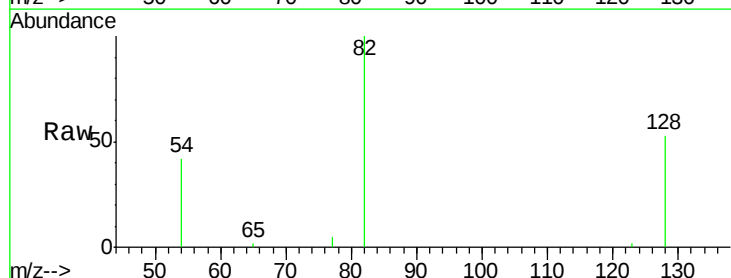
Tgt Ion: 82 Resp: 10240

Ion Ratio Lower Upper

82 100

128 52.8 34.1 51.1#

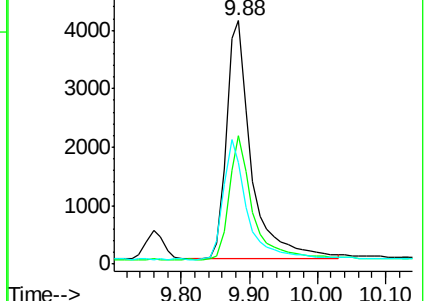
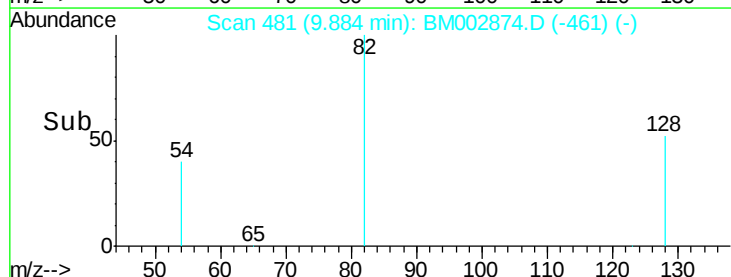
54 41.6 42.6 63.8#

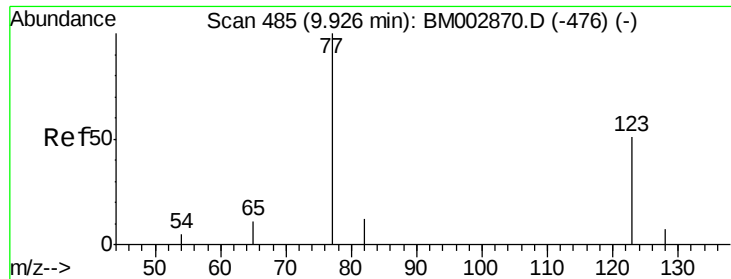


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#9

Nitrobenzene

Concen: 0.92 ng

RT: 9.93 min Scan# 485

Delta R.T. -0.00 min

Lab File: BM002874.D

Acq: 08 Oct 2015 21:34

Instrument :

BNA_M

ClientSampleId :

ICVBM100815

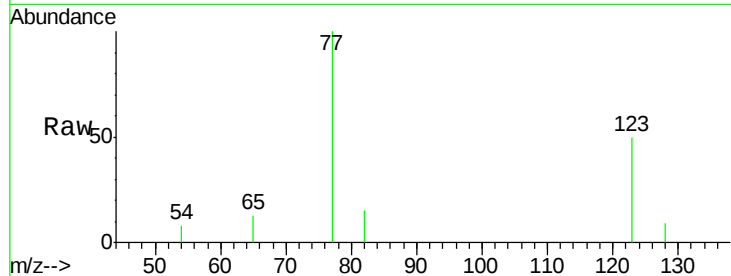
Tot Ion: 77 Resp: 10781

Ion Ratio Lower Upper

77 100

123 51.4 41.0 61.4

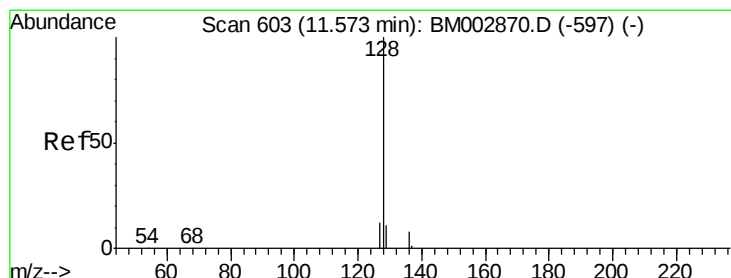
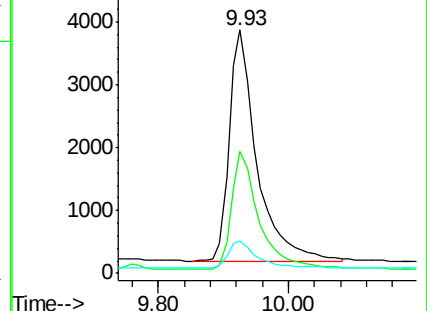
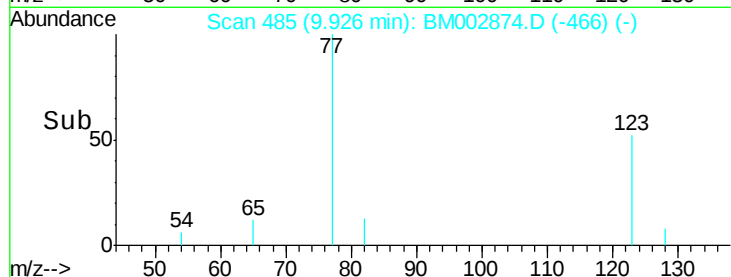
65 12.1 9.7 14.5



Abundance Ion 77.00 (76.70 to 77.70): BM002874.D (-476) (-)

Ion 123.00 (122.70 to 123.70): BM002874.D (-476) (-)

Ion 65.00 (64.70 to 65.70): BM002874.D (-476) (-)



#10

Naphthalene

Concen: 0.91 ng

RT: 11.57 min Scan# 603

Delta R.T. -0.00 min

Lab File: BM002874.D

Acq: 08 Oct 2015 21:34

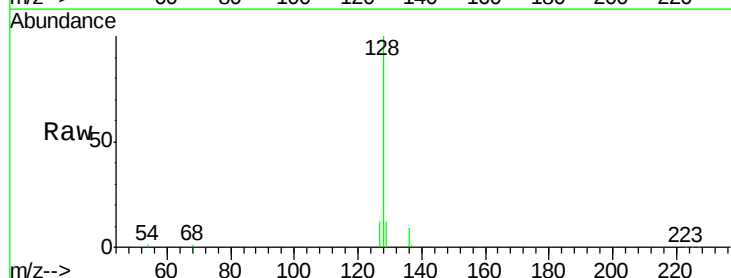
Tgt Ion: 128 Resp: 44423

Ion Ratio Lower Upper

128 100

129 11.7 9.4 14.2

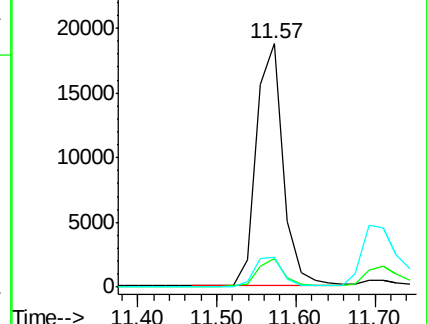
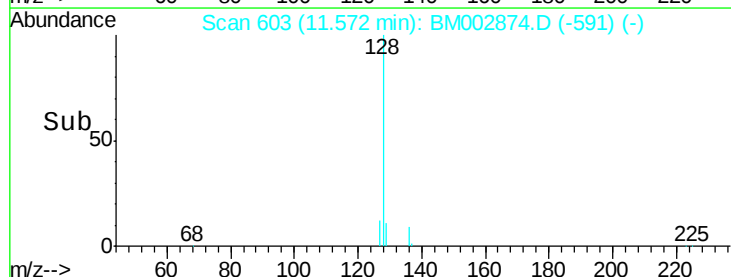
127 12.0 9.6 14.4

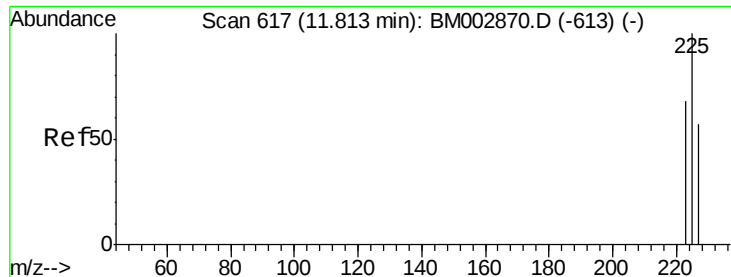


Abundance Ion 128.00 (127.70 to 128.70): BM002874.D (-597) (-)

Ion 129.00 (128.70 to 129.70): BM002874.D (-597) (-)

Ion 127.00 (126.70 to 127.70): BM002874.D (-597) (-)

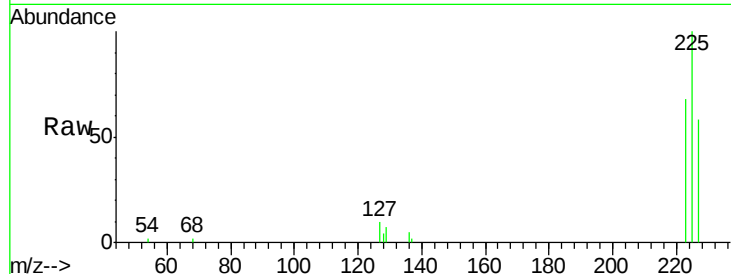




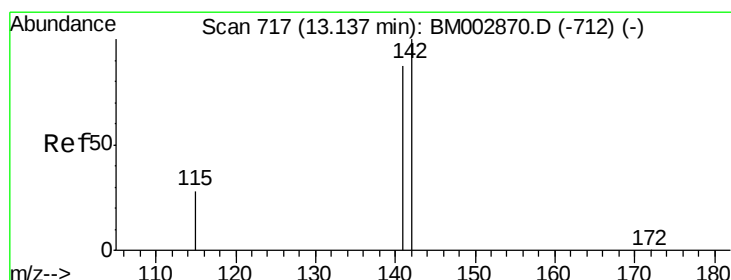
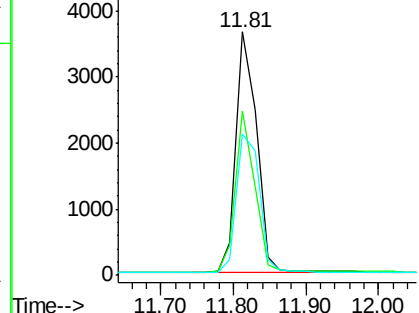
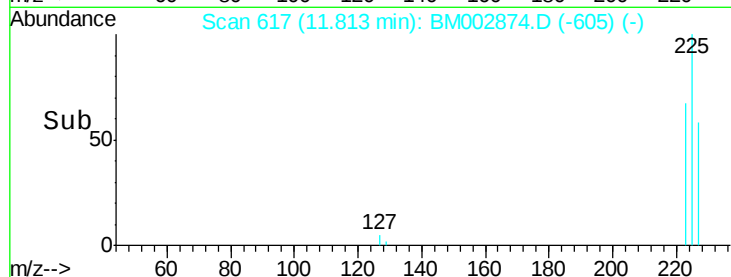
#11
Hexachlorobutadiene
Concen: 0.91 ng
RT: 11.81 min Scan# 617
Delta R.T. -0.00 min
Lab File: BM002874.D
Acq: 08 Oct 2015 21:34

Instrument :
BNA_M
ClientSampleId :
ICVBM100815

Tot Ion:225 Resp: 7065
Ion Ratio Lower Upper
225 100
223 62.8 50.1 75.1
227 63.9 51.2 76.8

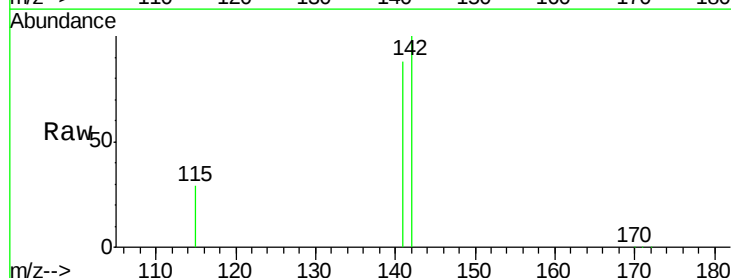


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

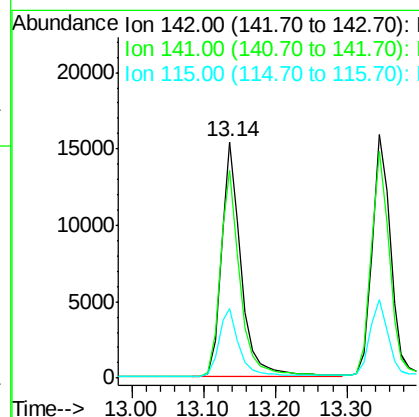
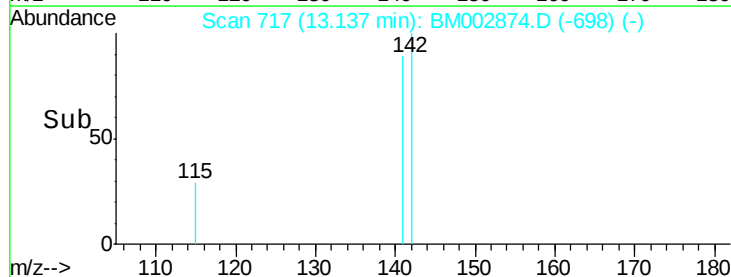


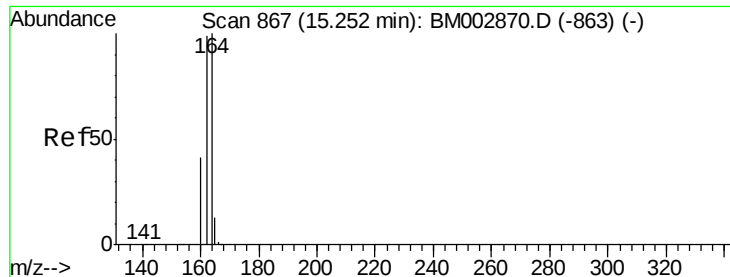
#12
2-Methylnaphthalene
Concen: 0.91 ng
RT: 13.14 min Scan# 717
Delta R.T. -0.00 min
Lab File: BM002874.D
Acq: 08 Oct 2015 21:34

Tgt Ion:142 Resp: 29641
Ion Ratio Lower Upper
142 100
141 88.1 69.4 104.0
115 29.2 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: BM002874.D

Acq: 08 Oct 2015 21:34

Instrument :

BNA_M

ClientSampleId :

ICVBM100815

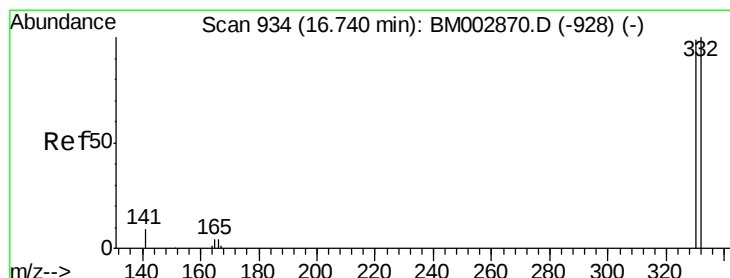
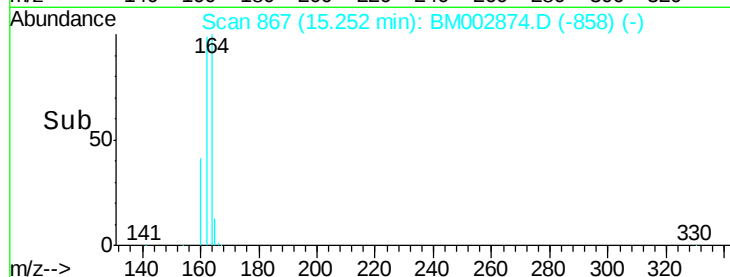
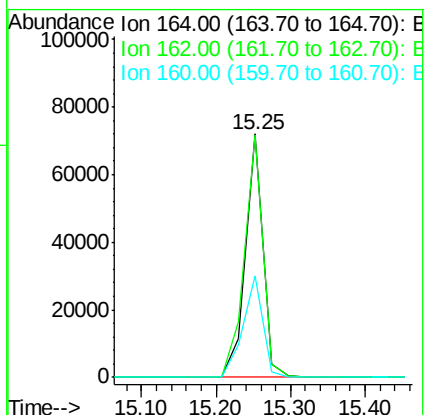
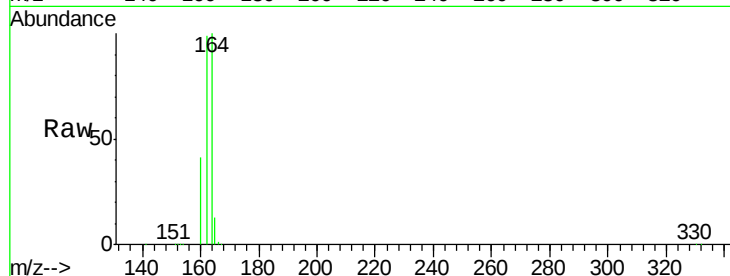
Tot Ion:164 Resp: 117422

Ion Ratio Lower Upper

164 100

162 99.4 79.6 119.4

160 41.4 33.1 49.7



#14

2,4,6-Tribromophenol

Concen: 0.86 ng

RT: 16.74 min Scan# 934

Delta R.T. -0.00 min

Lab File: BM002874.D

Acq: 08 Oct 2015 21:34

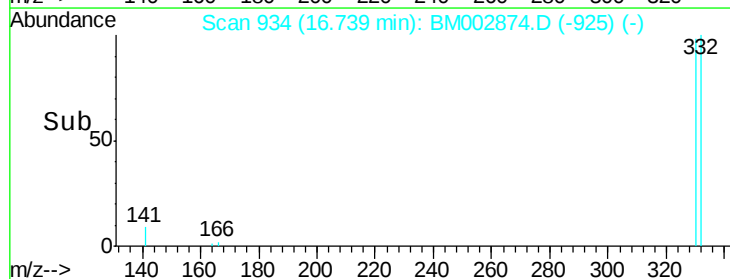
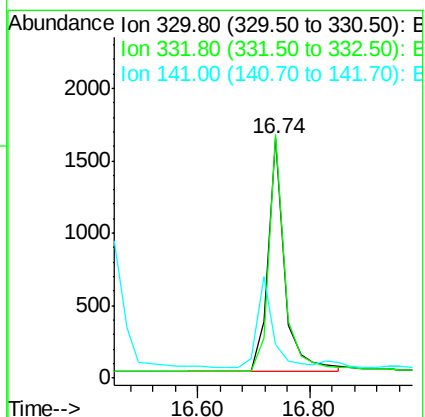
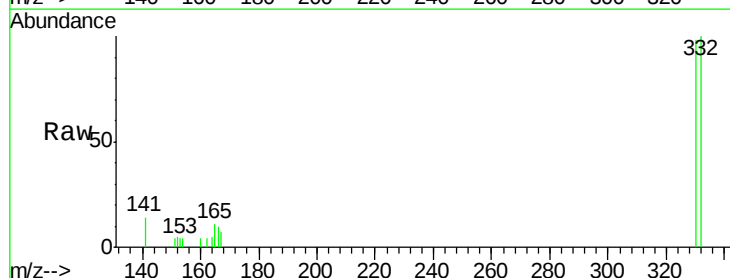
Tgt Ion:330 Resp: 3353

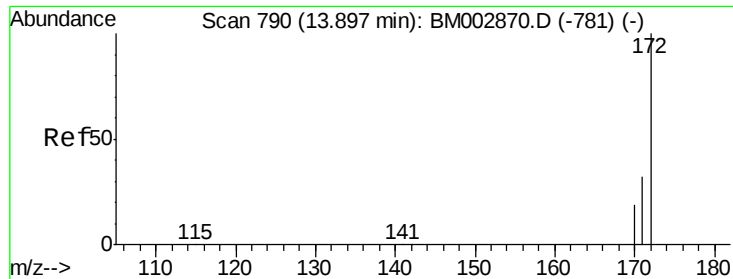
Ion Ratio Lower Upper

330 100

332 97.3 76.6 115.0

141 0.0 0.0 0.0

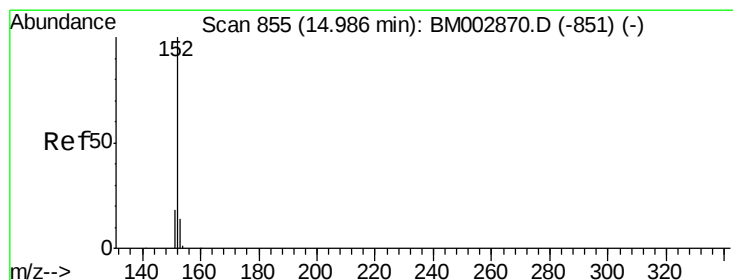
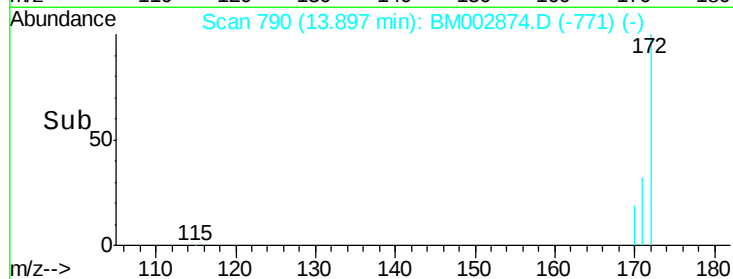
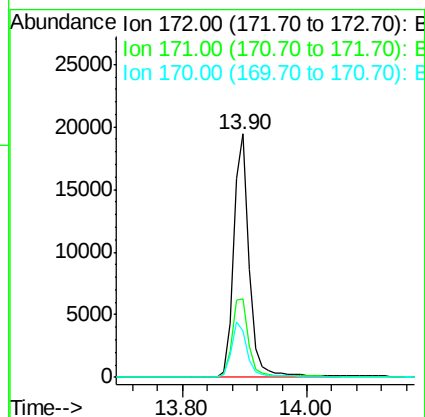
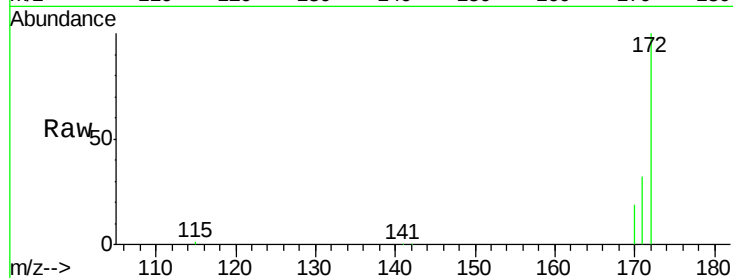




#15
2-Fluorobiphenyl
Concen: 0.94 ng
RT: 13.90 min Scan# 790
Delta R.T. -0.00 min
Lab File: BM002874.D
Acq: 08 Oct 2015 21:34

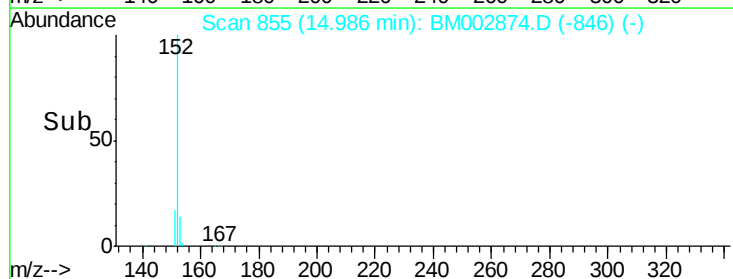
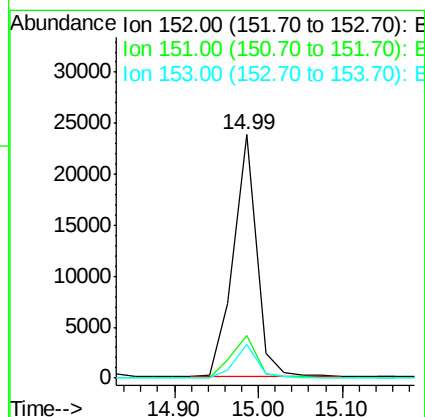
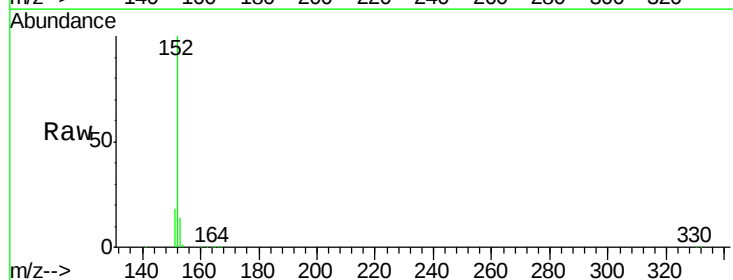
Instrument :
BNA_M
ClientSampleId :
ICVBM100815

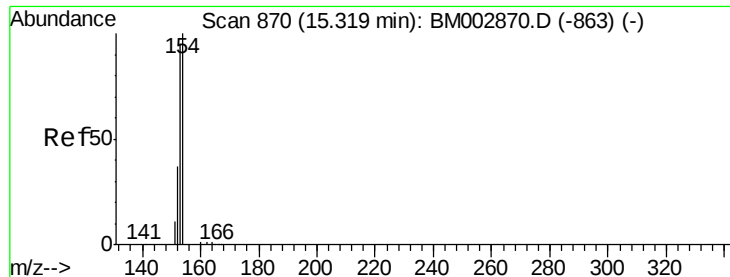
Tot Ion:172 Resp: 33540
Ion Ratio Lower Upper
172 100
171 32.2 26.1 39.1
170 19.2 15.7 23.5



#16
Acenaphthylene
Concen: 0.92 ng
RT: 14.99 min Scan# 855
Delta R.T. -0.00 min
Lab File: BM002874.D
Acq: 08 Oct 2015 21:34

Tgt Ion:152 Resp: 45731
Ion Ratio Lower Upper
152 100
151 19.0 15.3 22.9
153 13.2 10.5 15.7

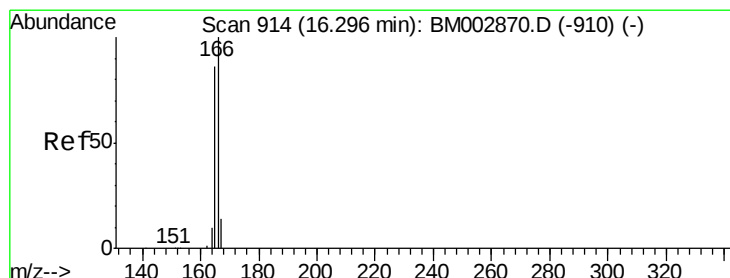
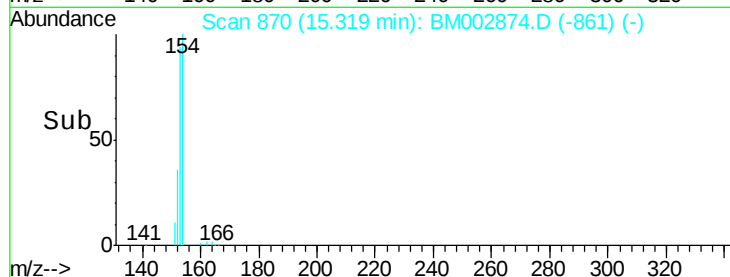
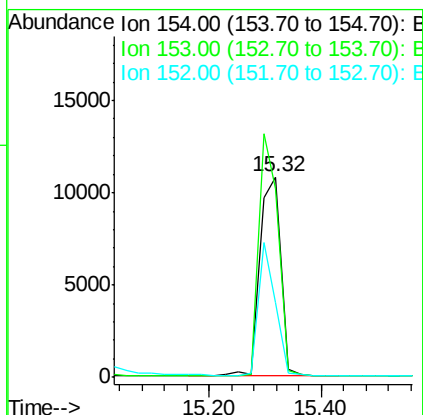
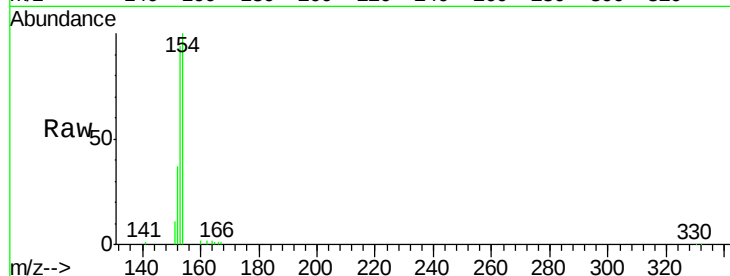




#17
Acenaphthene
Concen: 0.88 ng
RT: 15.32 min Scan# 870
Delta R.T. -0.00 min
Lab File: BM002874.D
Acq: 08 Oct 2015 21:34

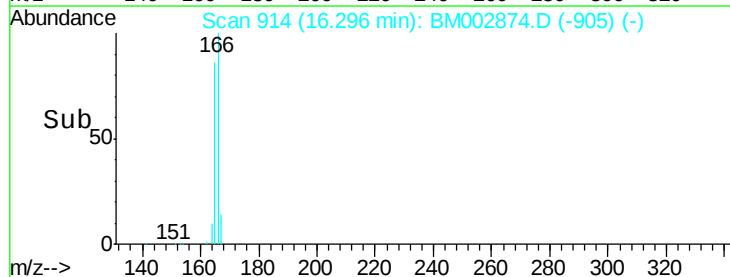
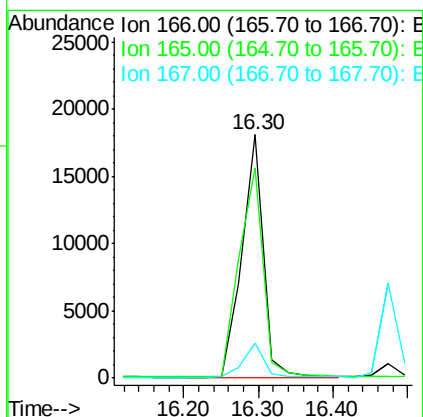
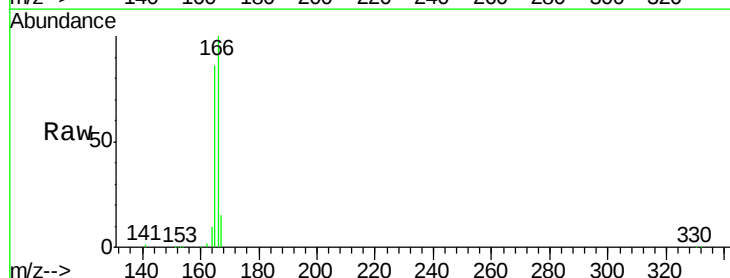
Instrument :
BNA_M
ClientSampleId :
ICVBM100815

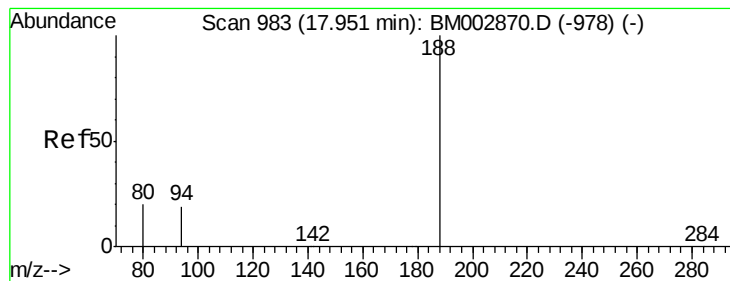
Tot Ion:154 Resp: 28471
Ion Ratio Lower Upper
154 100
153 0.0 0.0 0.0
152 0.0 0.0 0.0



#18
Fluorene
Concen: 0.91 ng
RT: 16.30 min Scan# 914
Delta R.T. -0.00 min
Lab File: BM002874.D
Acq: 08 Oct 2015 21:34

Tgt Ion:166 Resp: 35703
Ion Ratio Lower Upper
166 100
165 96.3 77.3 115.9
167 13.6 10.9 16.3





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.95 min Scan# 983

Delta R.T. -0.00 min

Lab File: BM002874.D

Acq: 08 Oct 2015 21:34

Instrument :

BNA_M

ClientSampleId :

ICVBM100815

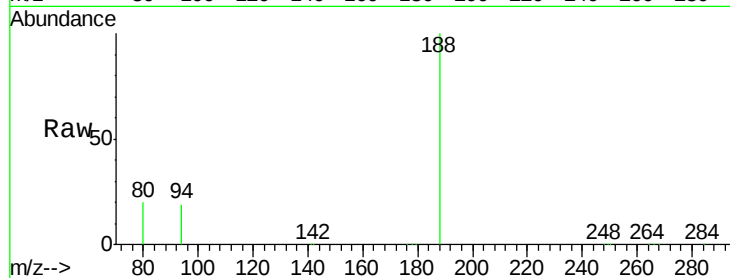
Tot Ion:188 Resp: 242297

Ion Ratio Lower Upper

188 100

94 18.8 15.2 22.8

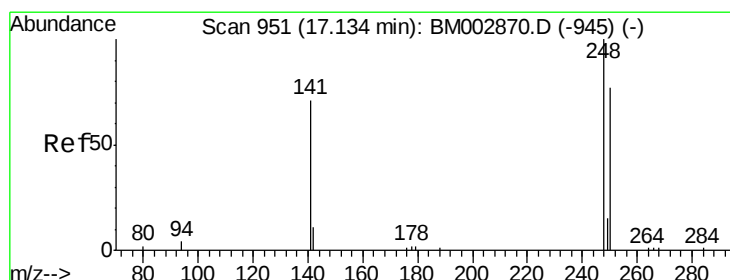
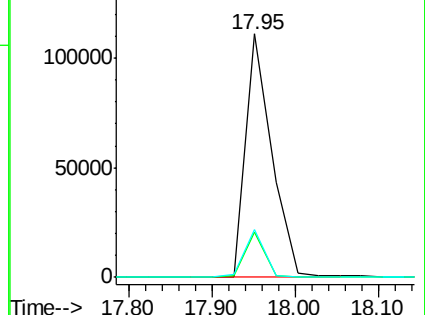
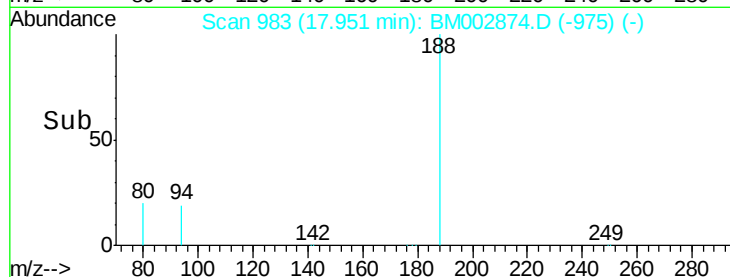
80 19.6 15.9 23.9



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: 0.98 ng

RT: 17.13 min Scan# 951

Delta R.T. 0.00 min

Lab File: BM002874.D

Acq: 08 Oct 2015 21:34

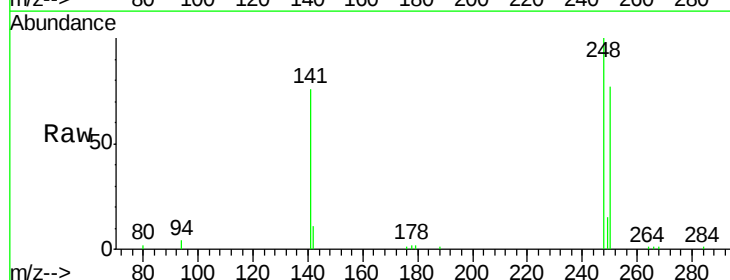
Tgt Ion:248 Resp: 11366

Ion Ratio Lower Upper

248 100

250 90.9 71.4 107.2

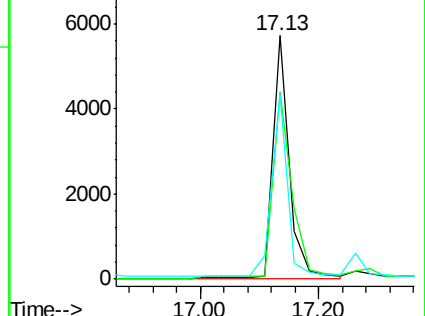
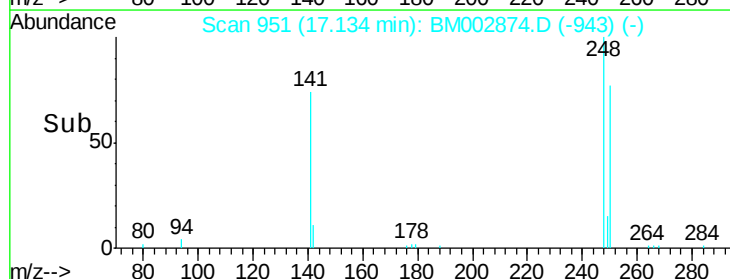
141 70.0 54.6 82.0

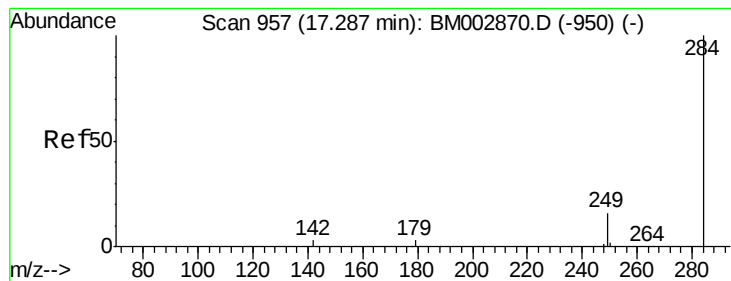


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.90 ng

RT: 17.29 min Scan# 957

Delta R.T. -0.00 min

Lab File: BM002874.D

Acq: 08 Oct 2015 21:34

Instrument :

BNA_M

ClientSampleId :

ICVBM100815

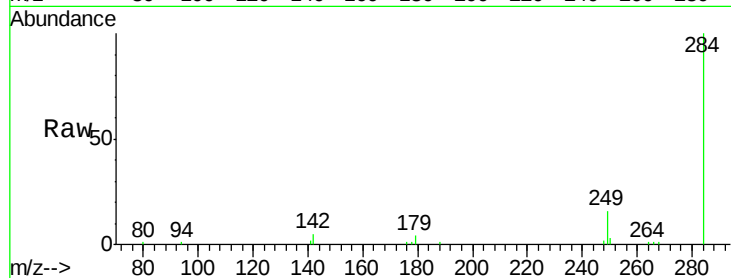
Tot Ion:284 Resp: 12787

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

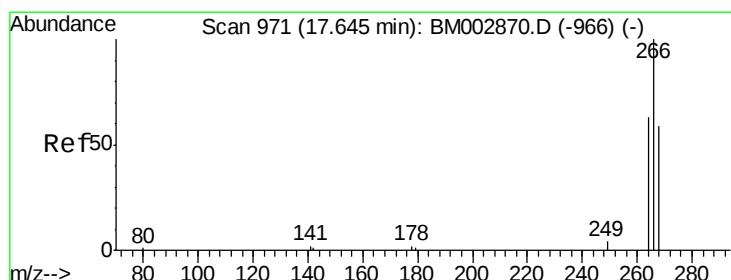
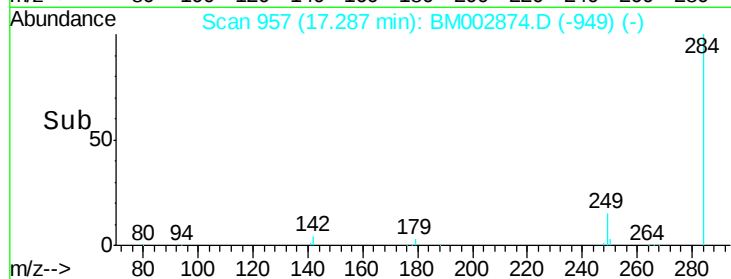
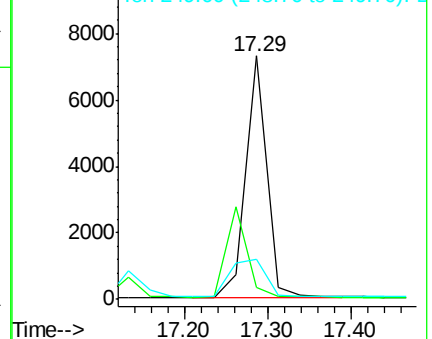
249 26.1 20.7 31.1



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: 0.74 ng

RT: 17.64 min Scan# 971

Delta R.T. 0.00 min

Lab File: BM002874.D

Acq: 08 Oct 2015 21:34

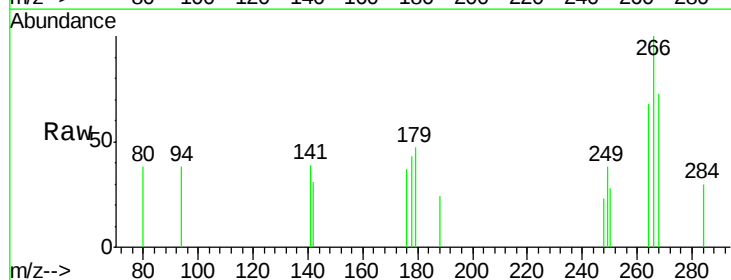
Tgt Ion:266 Resp: 727

Ion Ratio Lower Upper

266 100

268 72.7 58.3 87.5

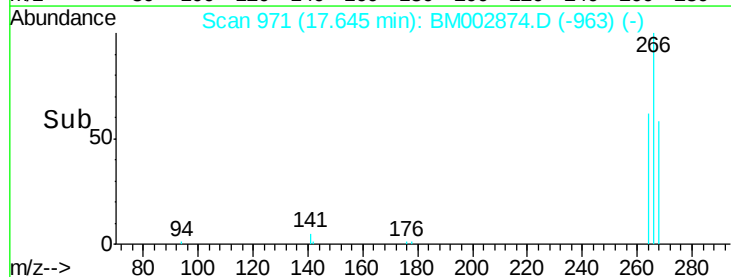
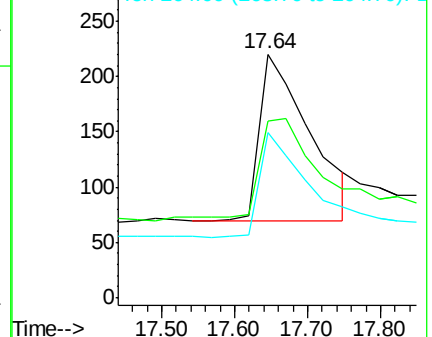
264 67.7 54.2 81.2

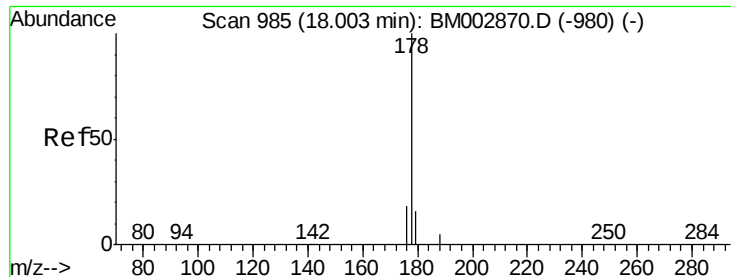


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

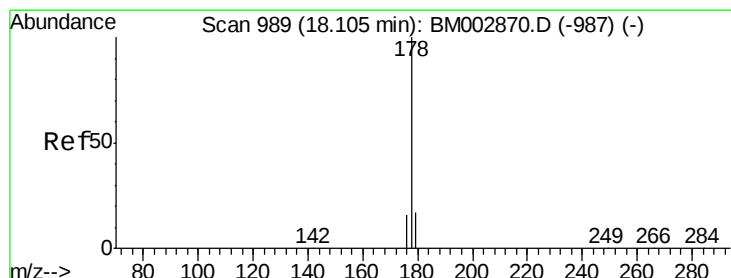
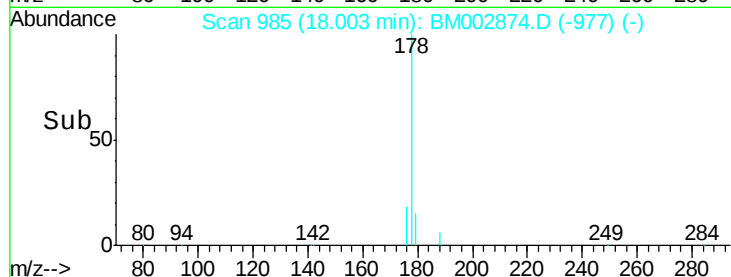
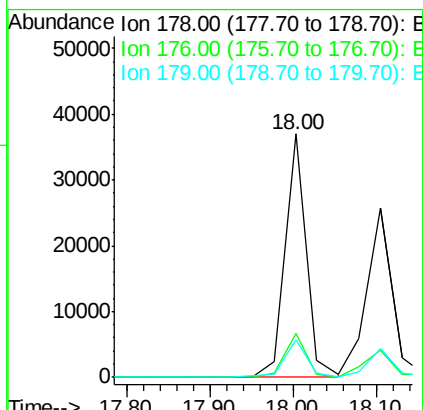
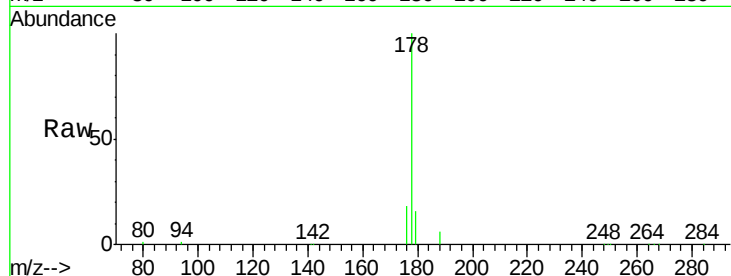




#23
Phenanthrene
Concen: 0.91 ng
RT: 18.00 min Scan# 985
Delta R.T. -0.00 min
Lab File: BM002874.D
Acq: 08 Oct 2015 21:34

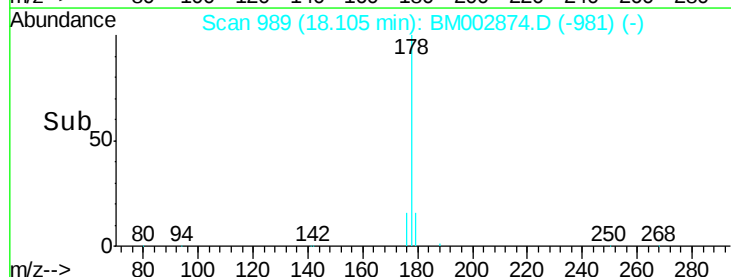
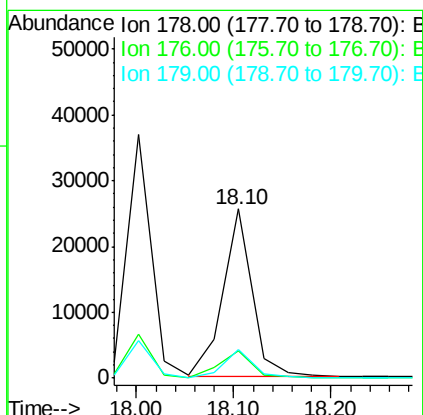
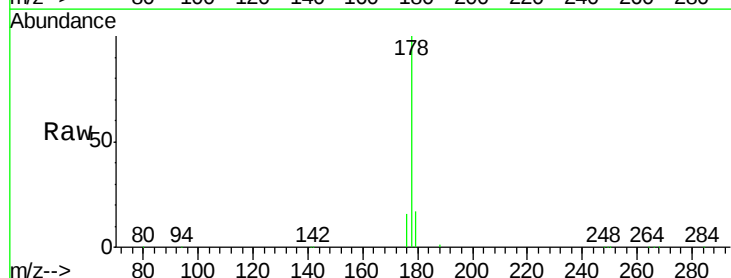
Instrument :
BNA_M
ClientSampleId :
ICVBM100815

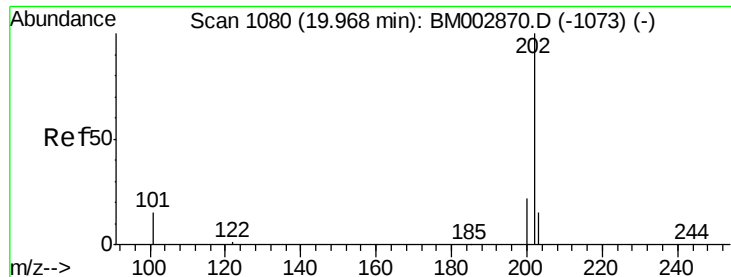
Tot Ion:178 Resp: 64603
Ion Ratio Lower Upper
178 100
176 18.3 14.6 21.8
179 15.5 12.5 18.7



#24
Anthracene
Concen: 0.89 ng
RT: 18.10 min Scan# 989
Delta R.T. -0.00 min
Lab File: BM002874.D
Acq: 08 Oct 2015 21:34

Tgt Ion:178 Resp: 53183
Ion Ratio Lower Upper
178 100
176 17.5 13.9 20.9
179 15.4 12.6 18.8

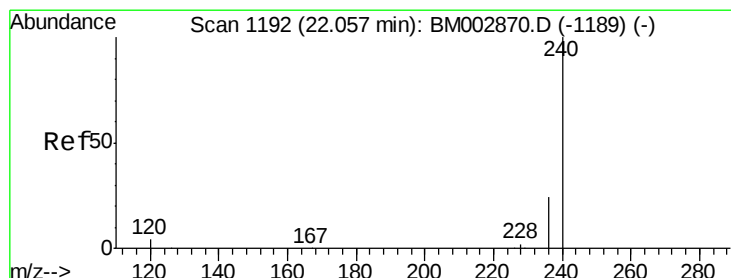
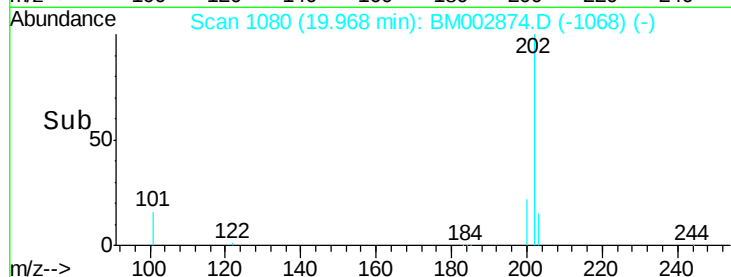
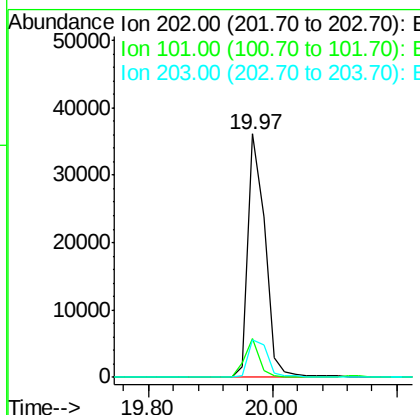
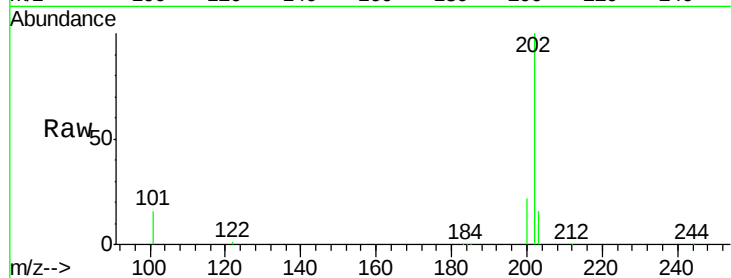




#25
Fluoranthene
Concen: 0.86 ng
RT: 19.97 min Scan# 1080
Delta R.T. -0.00 min
Lab File: BM002874.D
Acq: 08 Oct 2015 21:34

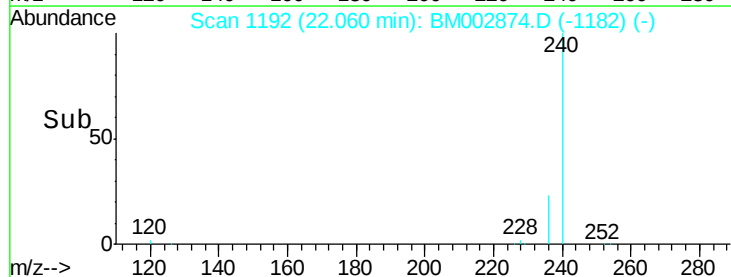
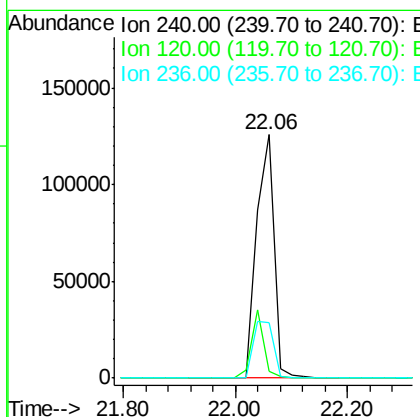
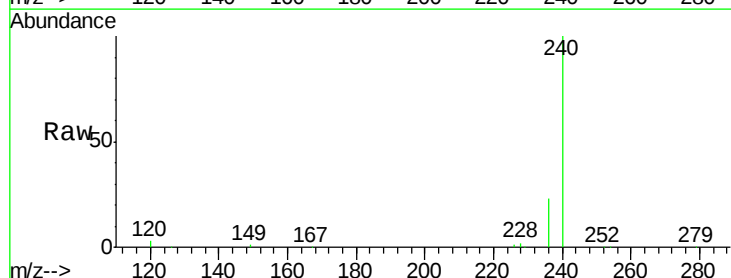
Instrument :
BNA_M
ClientSampleId :
ICVBM100815

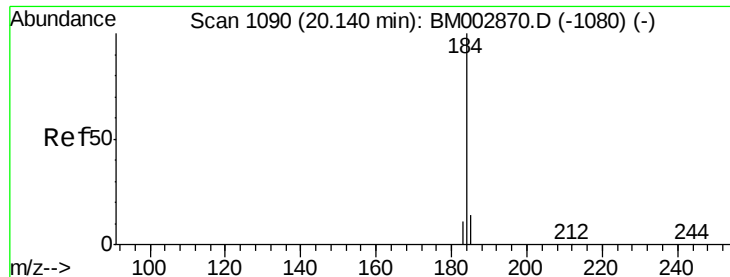
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.7	11.0	16.6
203	17.3	13.8	20.6



#26
Chrysene-d12
Concen: 5.00 ng
RT: 22.06 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BM002874.D
Acq: 08 Oct 2015 21:34

Tgt Ion	Ratio	Lower	Upper
240	100		
120	2.6	3.3	4.9#
236	22.8	19.5	29.3





#27

Benzidine

Concen: 0.92 ng

RT: 20.14 min Scan# 1090

Delta R.T. 0.00 min

Lab File: BM002874.D

Acq: 08 Oct 2015 21:34

Instrument :

BNA_M

ClientSampleId :

ICVBM100815

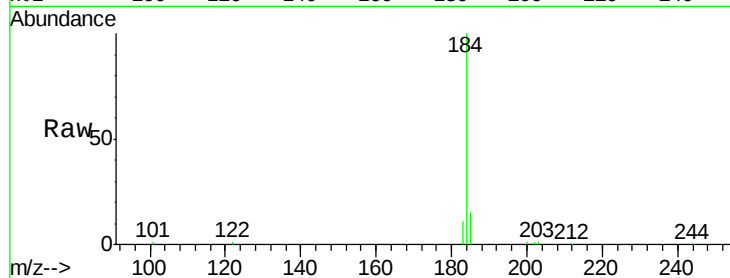
Tot Ion:184 Resp: 32932

Ion Ratio Lower Upper

184 100

185 14.9 12.0 18.0

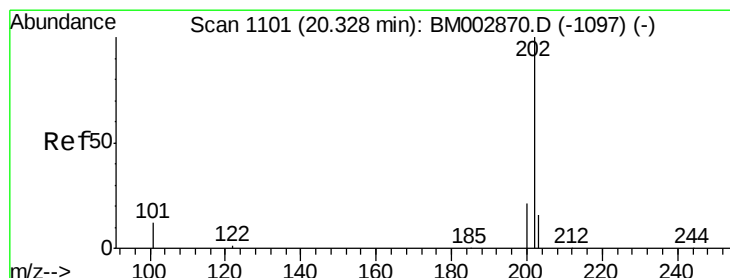
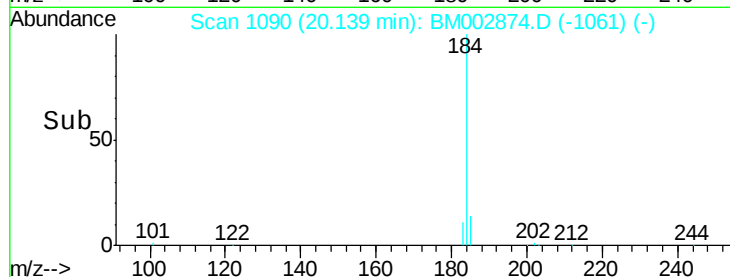
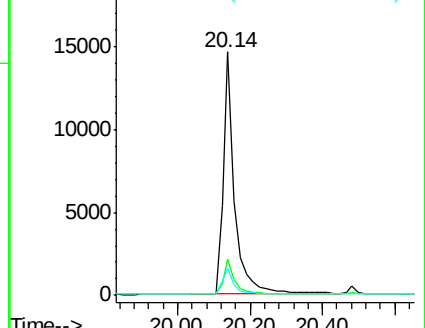
183 11.4 8.9 13.3



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: 0.99 ng

RT: 20.33 min Scan# 1101

Delta R.T. -0.00 min

Lab File: BM002874.D

Acq: 08 Oct 2015 21:34

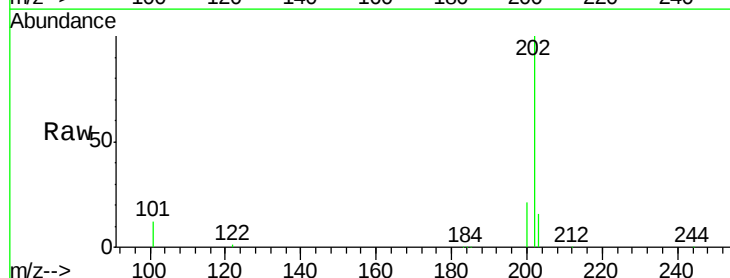
Tgt Ion:202 Resp: 72247

Ion Ratio Lower Upper

202 100

200 20.5 16.2 24.4

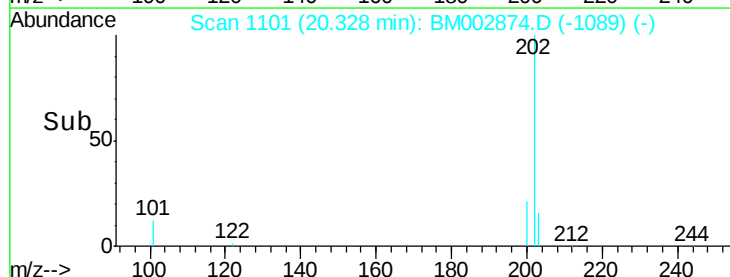
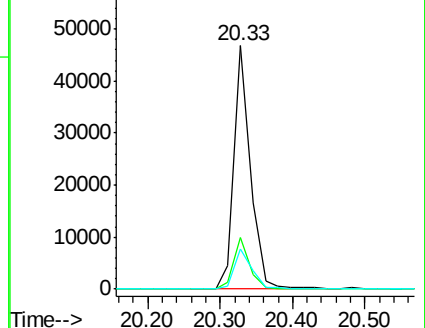
203 17.3 13.8 20.8

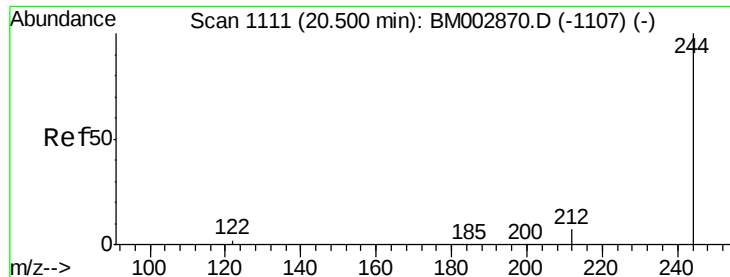


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.96 ng

RT: 20.50 min Scan# 1111

Delta R.T. -0.00 min

Lab File: BM002874.D

Acq: 08 Oct 2015 21:34

Instrument :

BNA_M

ClientSampleId :

ICVBM100815

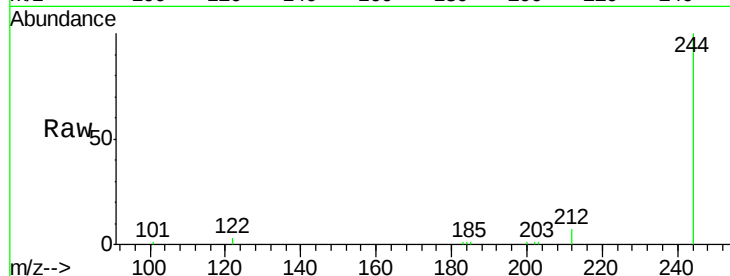
Tot Ion:244 Resp: 34896

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

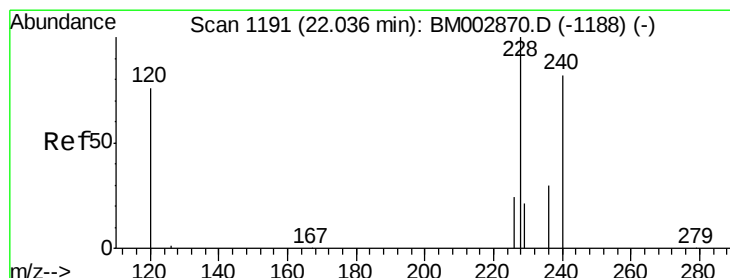
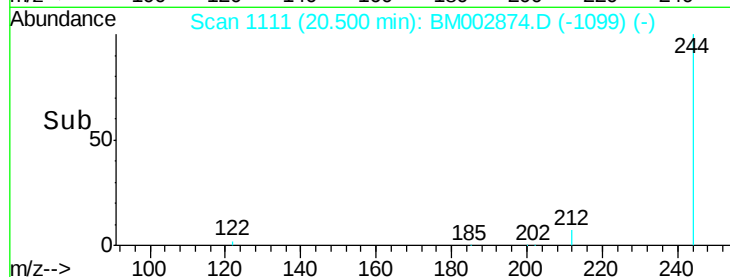
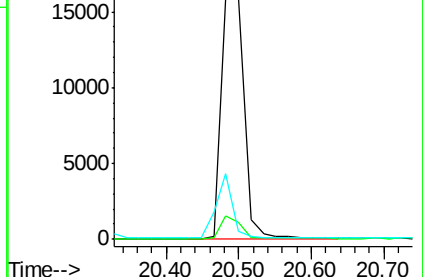
122 3.1 2.2 3.2



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: 0.88 ng

RT: 22.04 min Scan# 1191

Delta R.T. 0.00 min

Lab File: BM002874.D

Acq: 08 Oct 2015 21:34

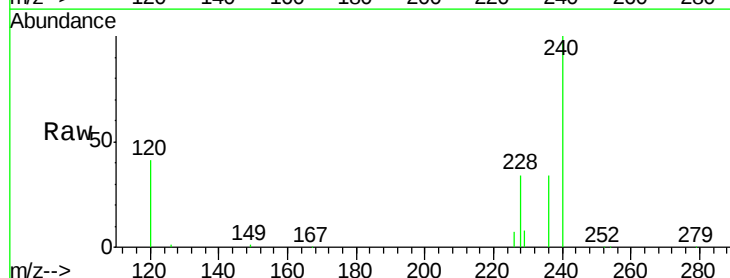
Tgt Ion:228 Resp: 68130

Ion Ratio Lower Upper

228 100

226 21.8 19.0 28.6

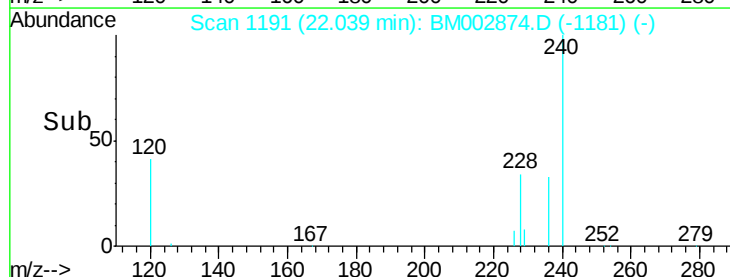
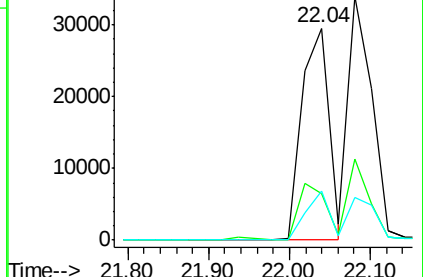
229 22.9 16.8 25.2

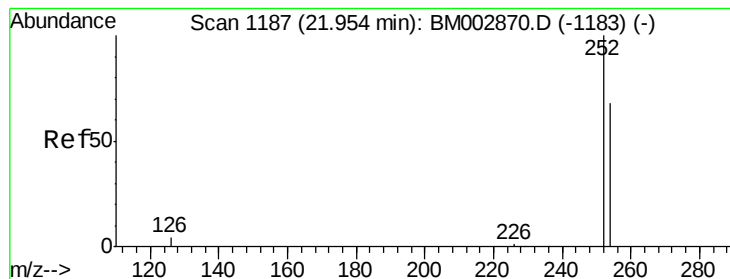


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

3,3'-Dichlorobenzidine

Concen: 0.90 ng

RT: 21.96 min Scan# 1187

Delta R.T. 0.00 min

Lab File: BM002874.D

Acq: 08 Oct 2015 21:34

Instrument :

BNA_M

ClientSampleId :

ICVBM100815

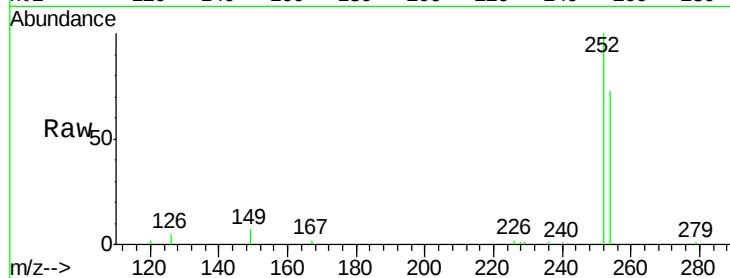
Tot Ion:252 Resp: 26807

Ion Ratio Lower Upper

252 100

254 72.8 54.1 81.1

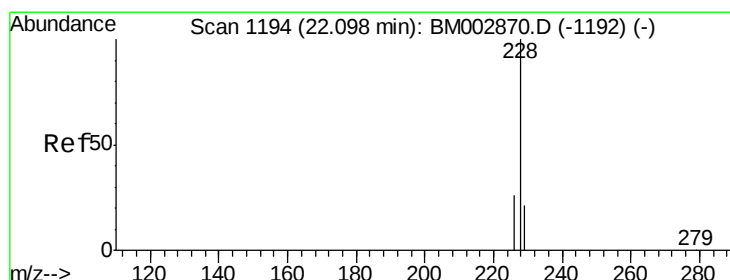
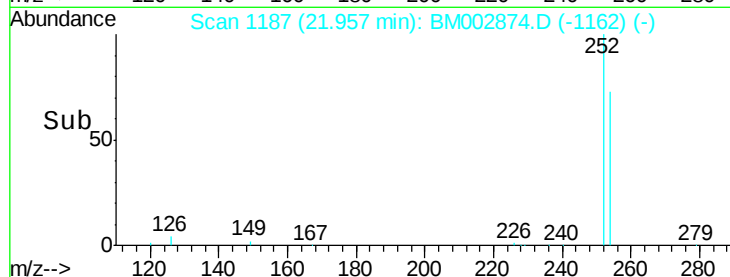
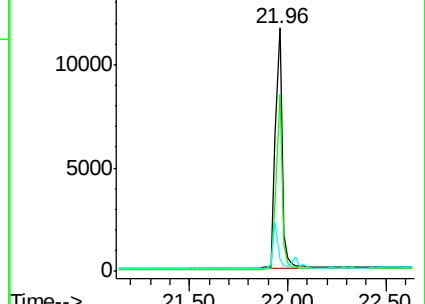
126 4.9 4.1 6.1



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: 0.93 ng

RT: 22.04 min Scan# 1191

Delta R.T. -0.06 min

Lab File: BM002874.D

Acq: 08 Oct 2015 21:34

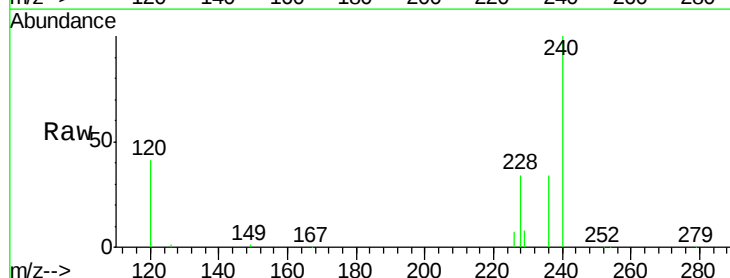
Tgt Ion:228 Resp: 67775

Ion Ratio Lower Upper

228 100

226 21.8 20.6 30.8

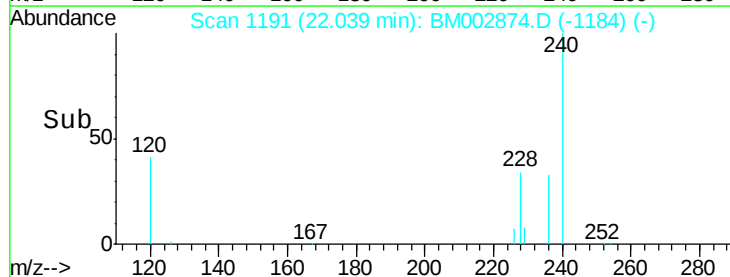
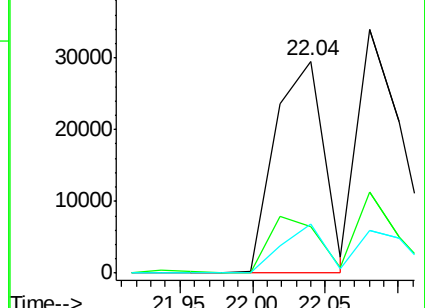
229 22.9 17.4 26.2

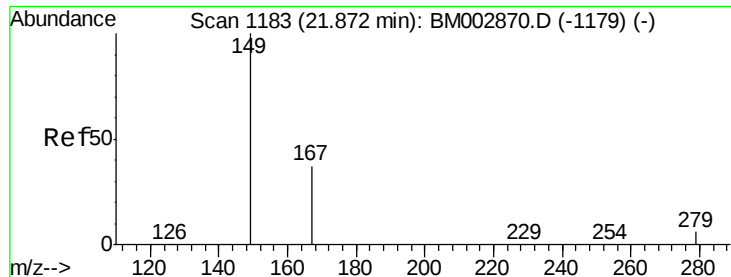


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Bis(2-ethylhexyl)phthalate

Concen: 0.92 ng

RT: 21.85 min Scan# 1182

Delta R.T. -0.02 min

Lab File: BM002874.D

Acq: 08 Oct 2015 21:34

Instrument :

BNA_M

ClientSampleId :

ICVBM100815

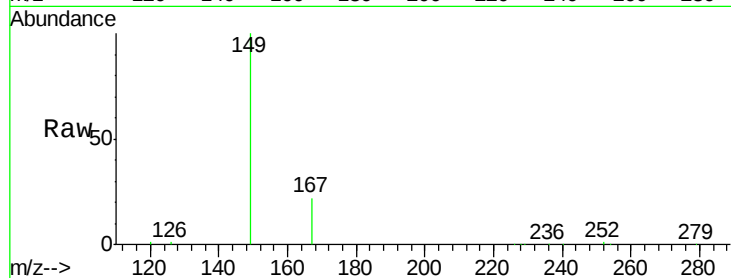
Tot Ion:149 Resp: 43469

Ion Ratio Lower Upper

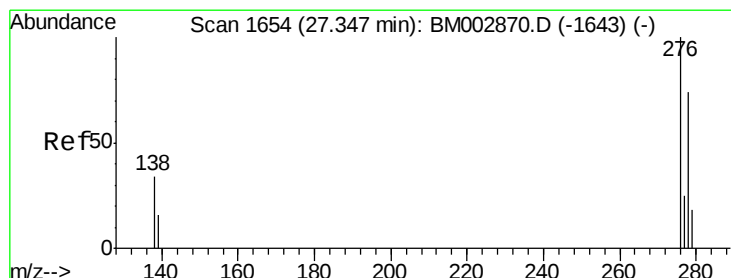
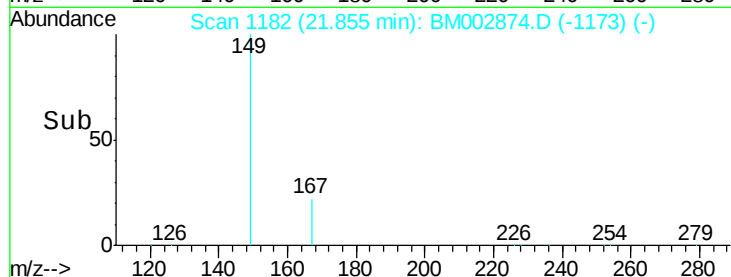
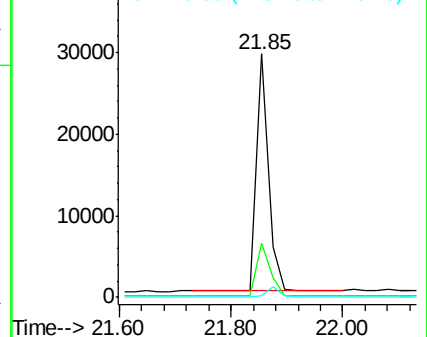
149 100

167 25.1 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: 0.90 ng

RT: 27.34 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BM002874.D

Acq: 08 Oct 2015 21:34

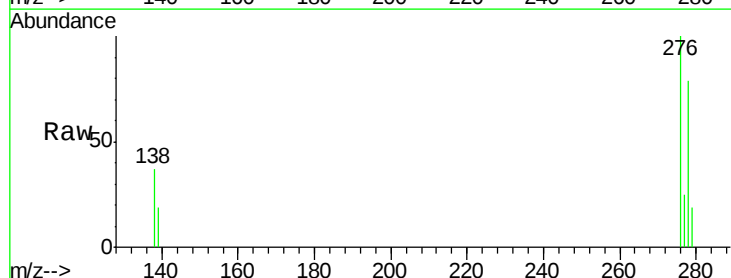
Tgt Ion:276 Resp: 78240

Ion Ratio Lower Upper

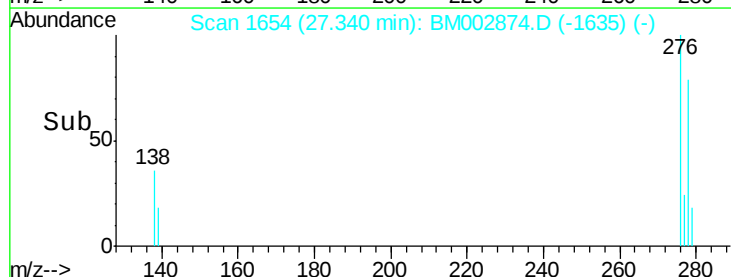
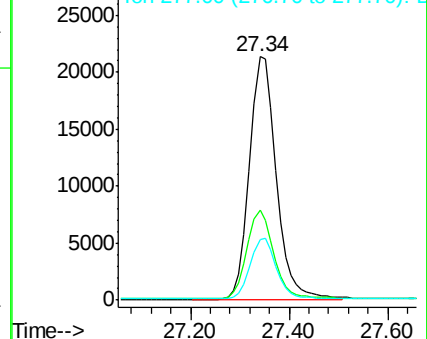
276 100

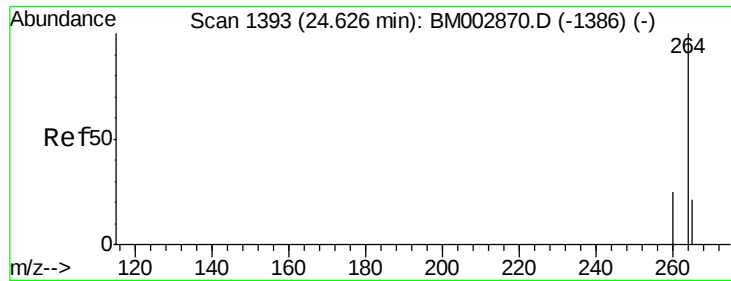
138 36.2 29.0 43.6

277 24.8 19.8 29.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

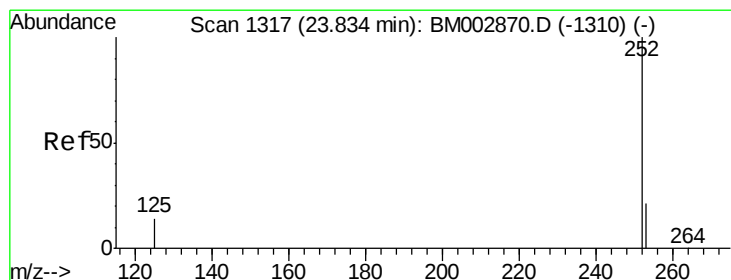
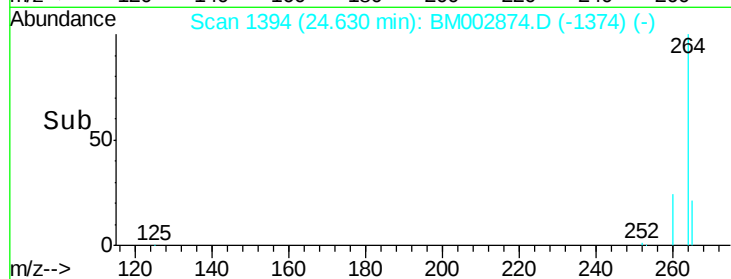
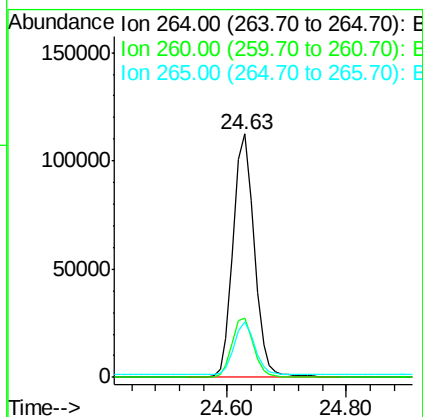
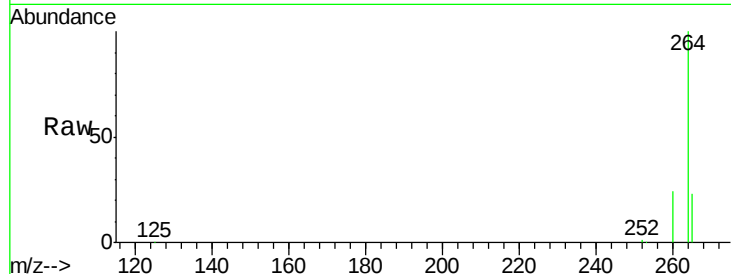




#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 24.63 min Scan# 1394
 Delta R.T. 0.00 min
 Lab File: BM002874.D
 Acq: 08 Oct 2015 21:34

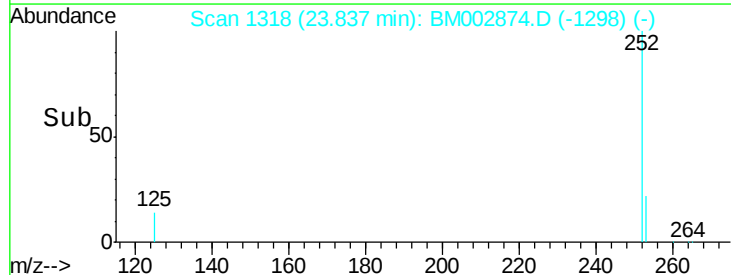
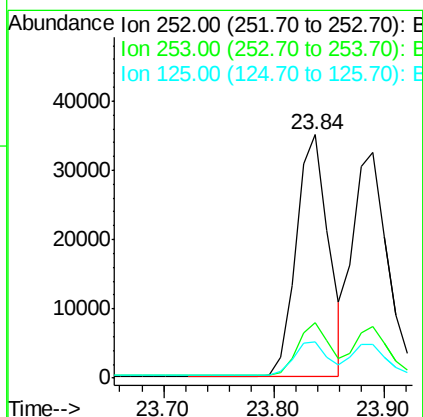
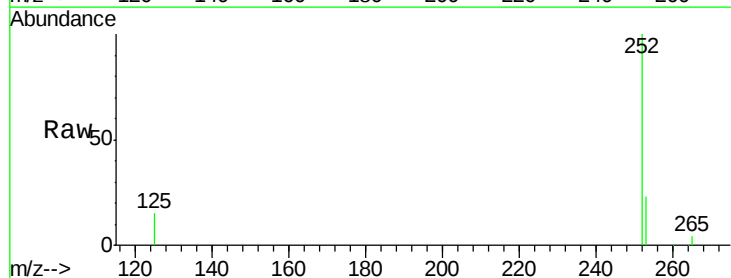
Instrument :
 BNA_M
 ClientSampleId :
 ICVBM100815

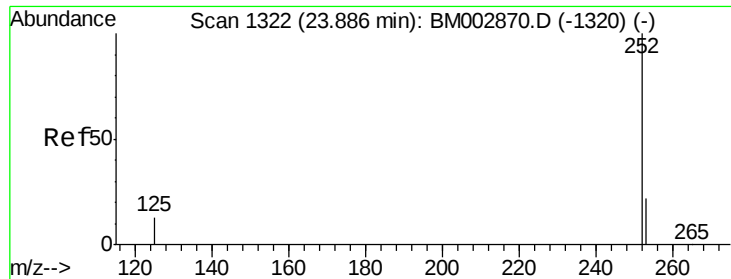
Tot Ion:264 Resp: 273958
 Ion Ratio Lower Upper
 264 100
 260 24.3 20.1 30.1
 265 22.6 17.6 26.4



#36
 Benzo(b)fluoranthene
 Concen: 0.91 ng
 RT: 23.84 min Scan# 1318
 Delta R.T. 0.00 min
 Lab File: BM002874.D
 Acq: 08 Oct 2015 21:34

Tgt Ion:252 Resp: 71072
 Ion Ratio Lower Upper
 252 100
 253 22.8 17.5 26.3
 125 14.8 12.4 18.6





#37

Benzo(k)fluoranthene

Concen: 0.94 ng

RT: 23.89 min Scan# 1323

Delta R.T. 0.00 min

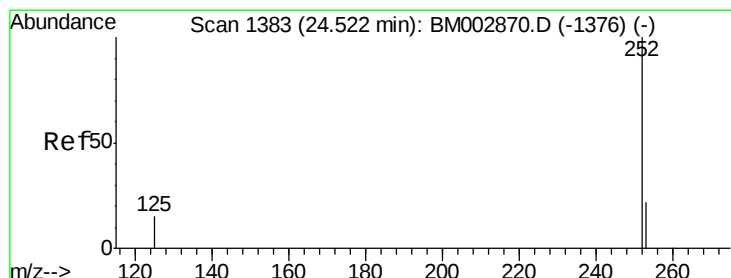
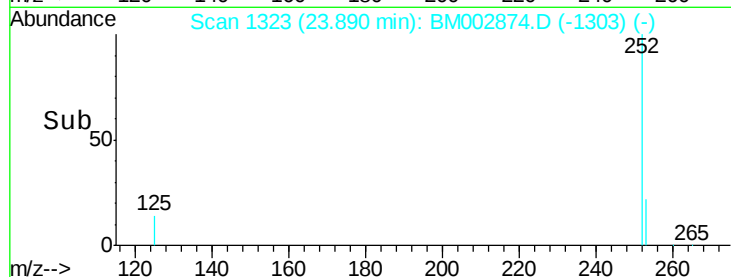
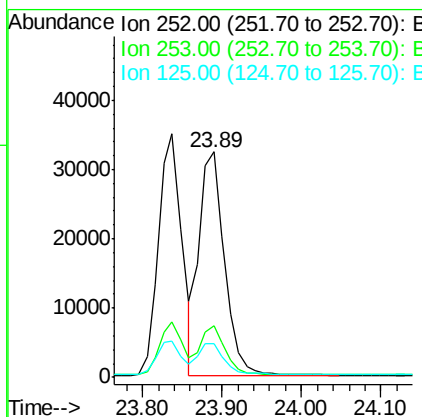
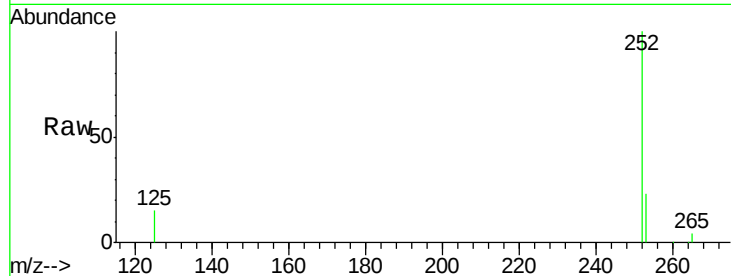
Lab File: BM002874.D

Acq: 08 Oct 2015 21:34

Instrument :
BNA_M
ClientSampleId :
ICVBM100815

Tot Ion:252 Resp: 71385

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	14.9	12.3	18.5



#38

Benzo(a)pyrene

Concen: 0.91 ng

RT: 24.52 min Scan# 1383

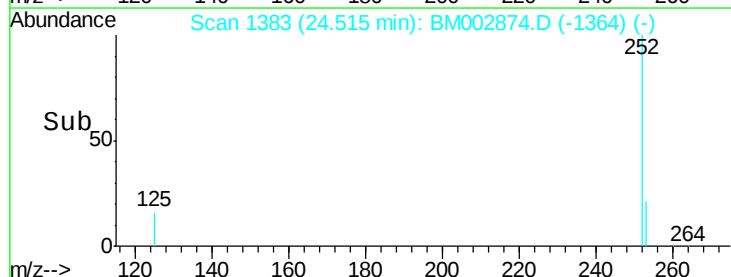
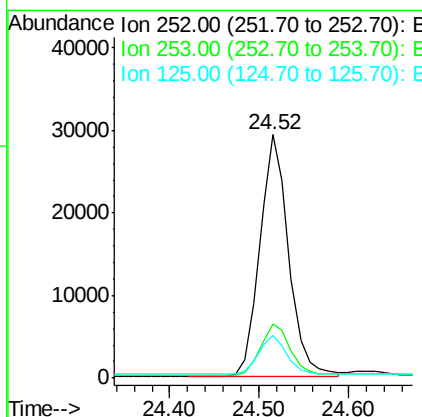
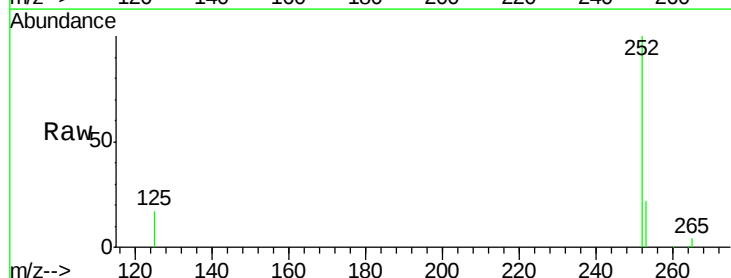
Delta R.T. -0.01 min

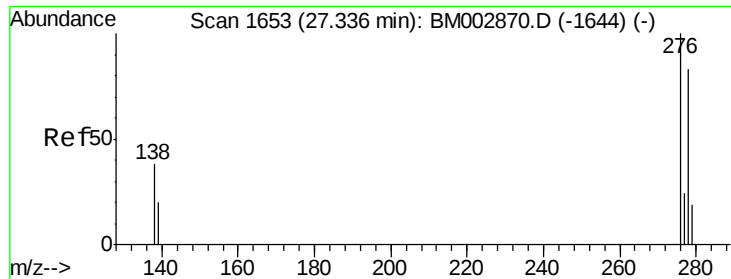
Lab File: BM002874.D

Acq: 08 Oct 2015 21:34

Tgt Ion:252 Resp: 65290

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.4	27.6
125	17.3	13.3	19.9





#39

Dibenzo(a,h)anthracene

Concen: 0.89 ng

RT: 27.34 min Scan# 1654

Delta R.T. 0.00 min

Lab File: BM002874.D

Acq: 08 Oct 2015 21:34

Instrument :

BNA_M

ClientSampleId :

ICVBM100815

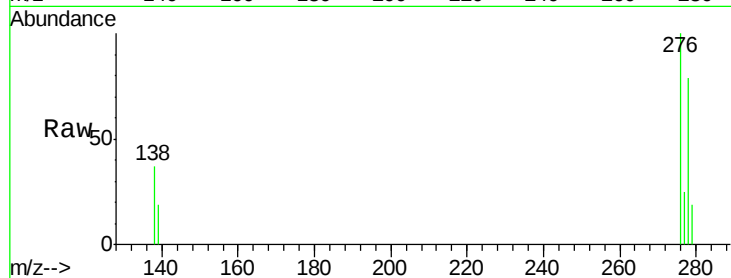
Tot Ion:278 Resp: 62371

Ion Ratio Lower Upper

278 100

139 24.1 19.8 29.6

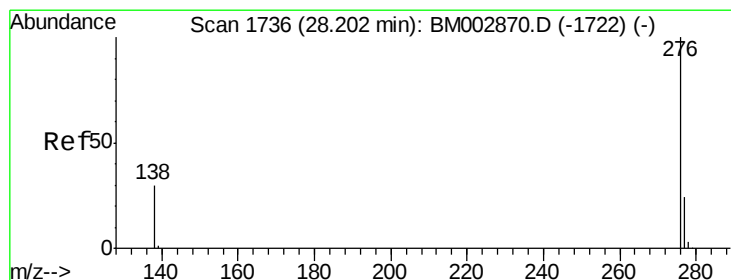
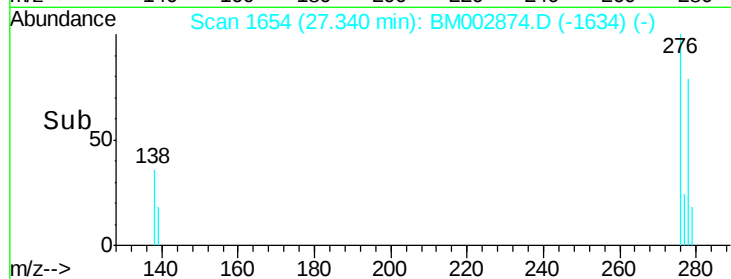
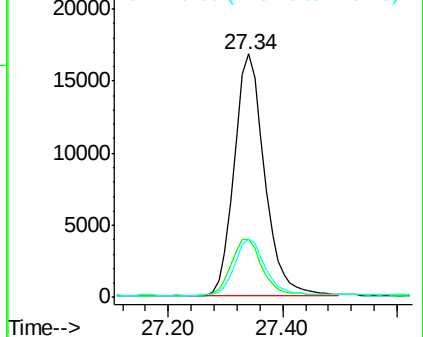
279 23.9 19.1 28.7



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: 0.89 ng

RT: 28.19 min Scan# 1736

Delta R.T. -0.01 min

Lab File: BM002874.D

Acq: 08 Oct 2015 21:34

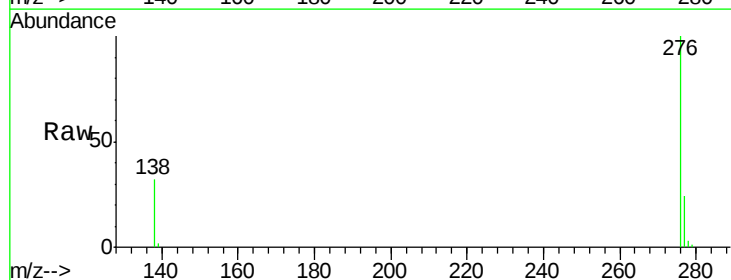
Tgt Ion:276 Resp: 64436

Ion Ratio Lower Upper

276 100

277 23.7 19.4 29.0

138 31.7 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

