

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100815\
 Data File : BM002871.D
 Acq On : 08 Oct 2015 19:45
 Operator : UM/IZ
 Sample : SSTDICC002
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC002

Quant Time: Oct 09 00:58:08 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 00:55:43 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	56264	5.00	ng	-0.02
7) Naphthalene-d8	11.52	136	234999	5.00	ng	0.00
13) Acenaphthene-d10	15.25	164	128678	5.00	ng	0.00
19) Phenanthrene-d10	17.95	188	266156	5.00	ng	0.00
26) Chrysene-d12	22.06	240	301666	5.00	ng	0.00
35) Perylene-d12	24.63	264	290148	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	6.15	112	21583	1.83	ng	0.00
5) Phenol-d6	7.80	99	28813	1.97	ng	0.00
8) Nitrobenzene-d5	9.87	82	23715	1.88	ng	0.00
14) 2,4,6-Tribromophenol	16.74	330	7941	1.90	ng	0.00
15) 2-Fluorobiphenyl	13.89	172	76092	2.13	ng	-0.01
29) Terphenyl-d14	20.48	244	81715	2.10	ng	-0.02

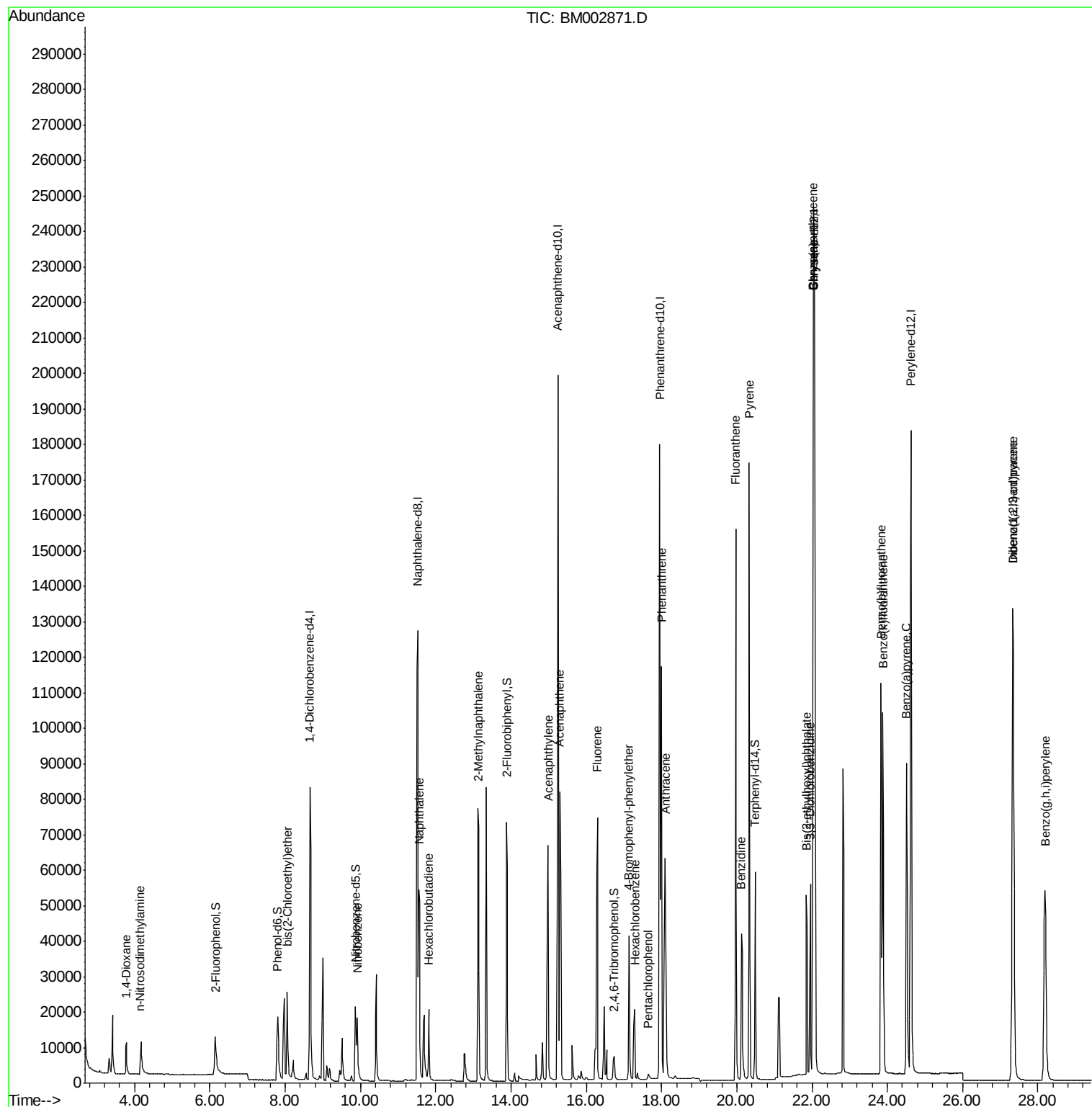
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.78	88	9711	1.01	ng	97
3) n-Nitrosodimethylamine	4.16	42	8963	0.96	ng	# 99
6) bis(2-Chloroethyl)ether	8.06	93	25703	1.54	ng	97
9) Nitrobenzene	9.92	77	25255	1.86	ng	99
10) Naphthalene	11.56	128	99794	1.96	ng	96
11) Hexachlorobutadiene	11.81	225	15869	1.90	ng	100
12) 2-Methylnaphthalene	13.14	142	68017	2.23	ng	95
16) Acenaphthylene	14.99	152	106564	0.54	ng	100
17) Acenaphthene	15.30	154	65564	1.90	ng	# 100
18) Fluorene	16.30	166	80680	1.89	ng	99
20) 4-Bromophenyl-phenylether	17.13	248	27130	2.57	ng	96
21) Hexachlorobenzene	17.29	284	28905	0.61	ng	# 49
22) Pentachlorophenol	17.64	266	2256	0.63	ng	94
23) Phenanthrene	18.00	178	148063	2.14	ng	100
24) Anthracene	18.10	178	118043	1.93	ng	99
25) Fluoranthene	19.97	202	161249	1.97	ng	99
27) Benzidine	20.12	184	80619	7.48	ng	94
28) Pyrene	20.33	202	169774	2.14	ng	100
30) Benzo(a)anthracene	22.04	228	157858	2.16	ng	98
31) 3,3'-Dichlorobenzidine	21.95	252	61453	4.09	ng	# 95
32) Chrysene	22.04	228	157858	1.73	ng	97
33) Bis(2-ethylhexyl)phthalate	21.85	149	89503	2.65	ng	# 59
34) Indeno(1,2,3-cd)pyrene	27.34	276	172775	2.24	ng	100
36) Benzo(b)fluoranthene	23.83	252	159080	2.36	ng	98
37) Benzo(k)fluoranthene	23.89	252	160346	1.83	ng	99
38) Benzo(a)pyrene	24.51	252	147057	2.37	ng	98
39) Dibenzo(a,h)anthracene	27.34	278	138023	2.25	ng	98
40) Benzo(g,h,i)perylene	28.19	276	140918	2.13	ng	100

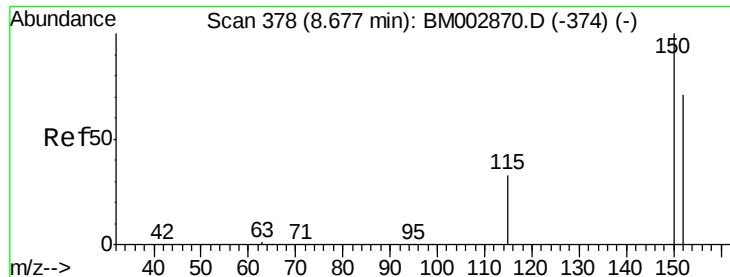
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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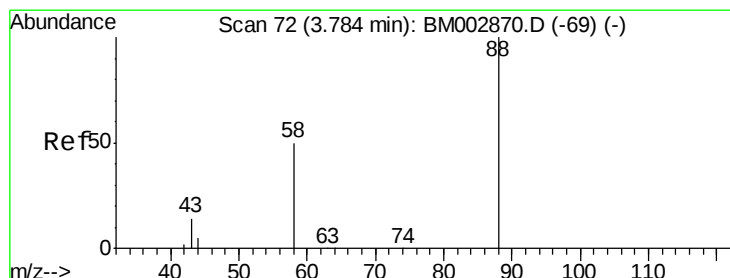
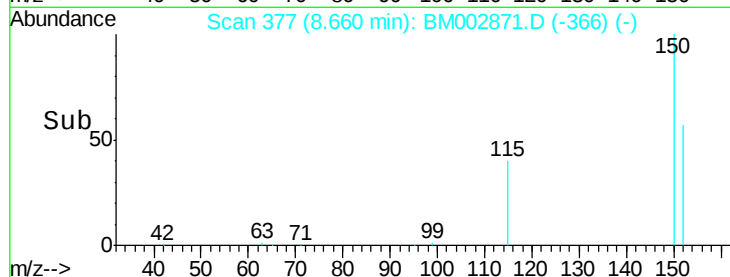
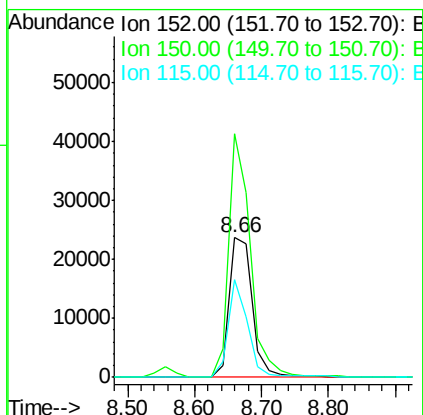
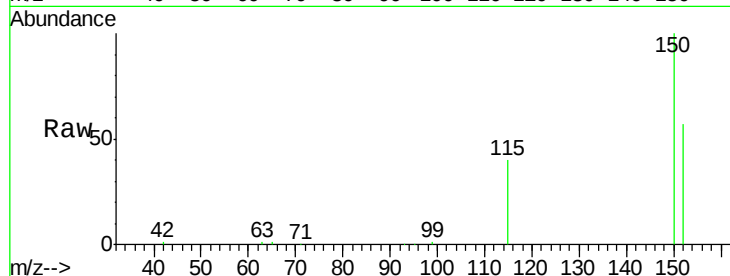


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.66 min Scan# 377
Delta R.T. -0.02 min
Lab File: BM002871.D
Acq: 08 Oct 2015 19:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

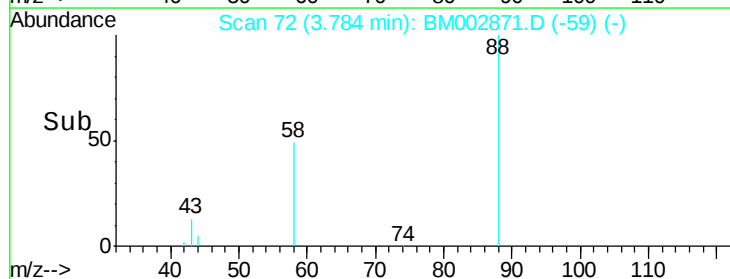
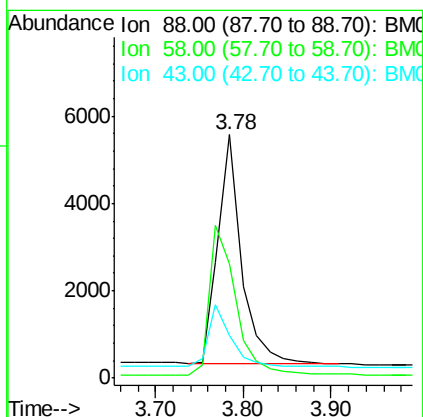
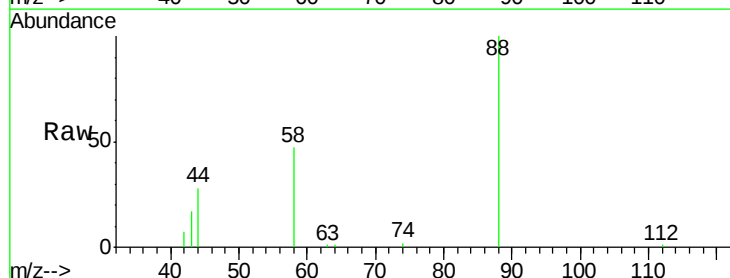
Tot Ion:152 Resp: 56264
Ion Ratio Lower Upper
152 100
150 174.3 113.0 169.6#
115 69.9 37.9 56.9#

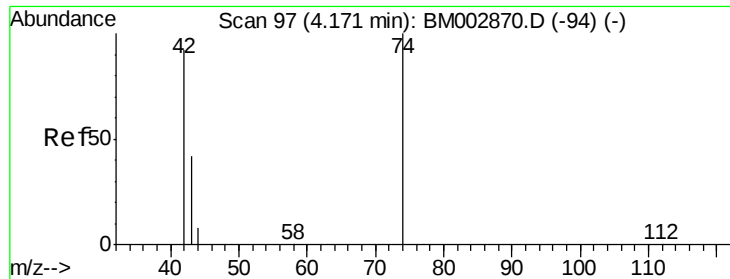


#2

1,4-Dioxane
Concen: 1.01 ng
RT: 3.78 min Scan# 72
Delta R.T. 0.00 min
Lab File: BM002871.D
Acq: 08 Oct 2015 19:45

Tgt Ion: 88 Resp: 9711
Ion Ratio Lower Upper
88 100
58 72.7 56.7 85.1
43 25.5 22.0 33.0





#3

n-Nitrosodimethylamine

Concen: 0.96 ng

RT: 4.16 min Scan# 96

Delta R.T. -0.02 min

Lab File: BM002871.D

Acq: 08 Oct 2015 19:45

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

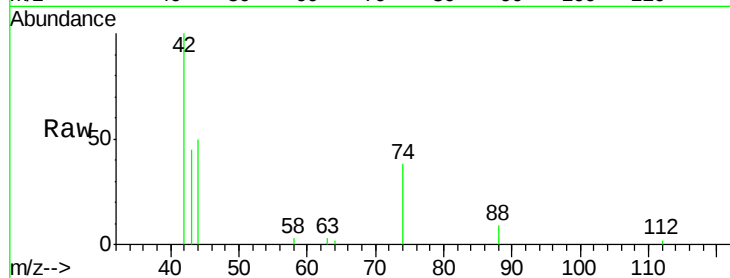
Tot Ion: 42 Resp: 8963

Ion Ratio Lower Upper

42 100

74 148.6 119.7 179.5

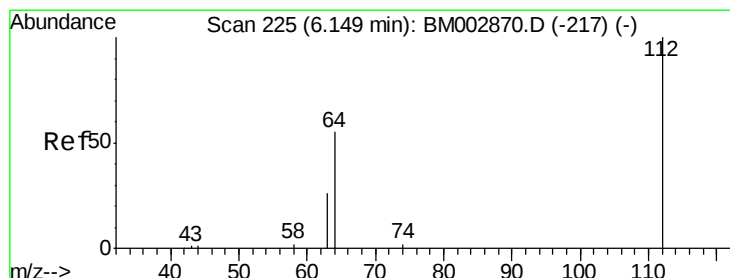
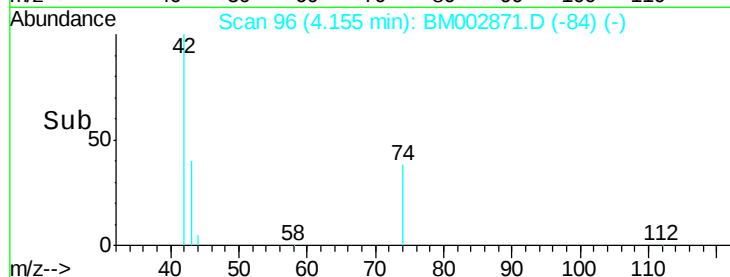
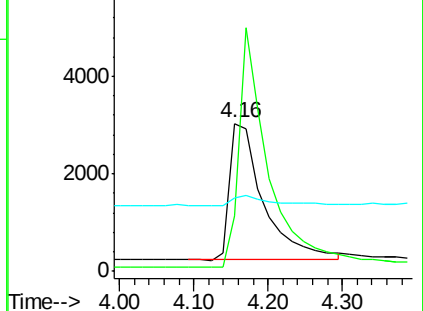
44 8.6 9.8 14.6#



Abundance Ion 42.00 (41.70 to 42.70): BM002871.D (-94) (-)

Ion 74.00 (73.70 to 74.70): BM002871.D (-94) (-)

Ion 44.00 (43.70 to 44.70): BM002871.D (-94) (-)



#4

2-Fluorophenol

Concen: 1.83 ng

RT: 6.15 min Scan# 225

Delta R.T. 0.00 min

Lab File: BM002871.D

Acq: 08 Oct 2015 19:45

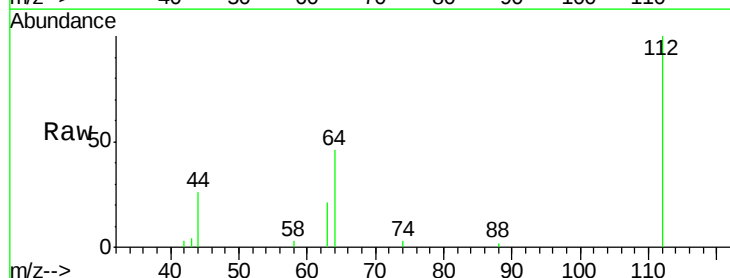
Tgt Ion: 112 Resp: 21583

Ion Ratio Lower Upper

112 100

64 52.1 42.0 63.0

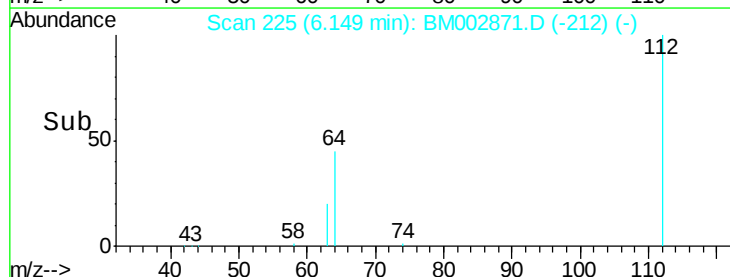
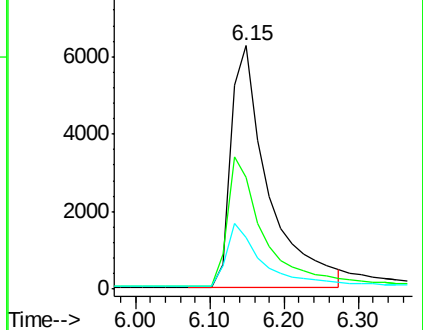
63 24.8 20.0 30.0

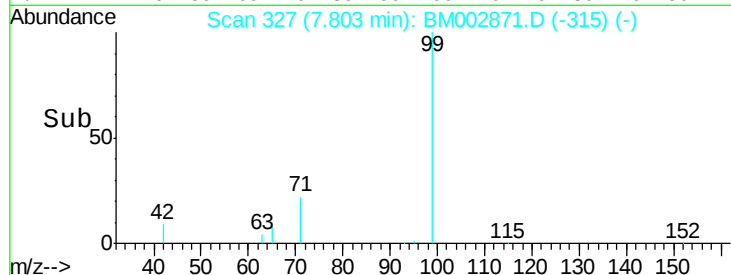
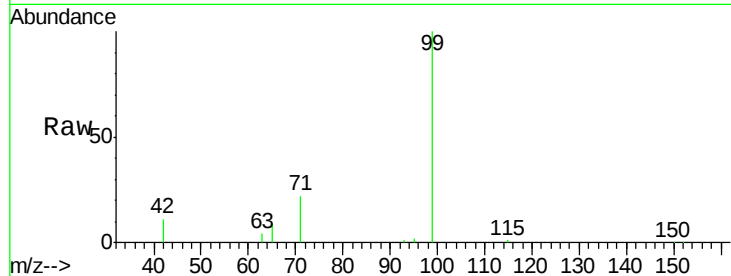
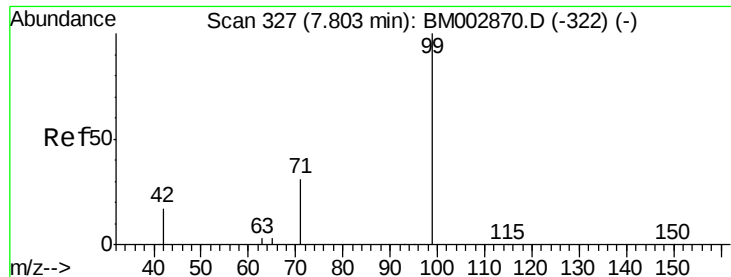


Abundance Ion 112.00 (111.70 to 112.70): BM002871.D (-217) (-)

Ion 64.00 (63.70 to 64.70): BM002871.D (-217) (-)

Ion 63.00 (62.70 to 63.70): BM002871.D (-217) (-)





#5

Phenol-d6

Concen: 1.97 ng

RT: 7.80 min Scan# 327

Delta R.T. 0.00 min

Lab File: BM002871.D

Acq: 08 Oct 2015 19:45

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

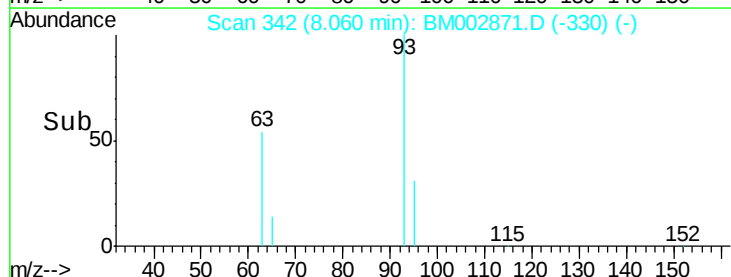
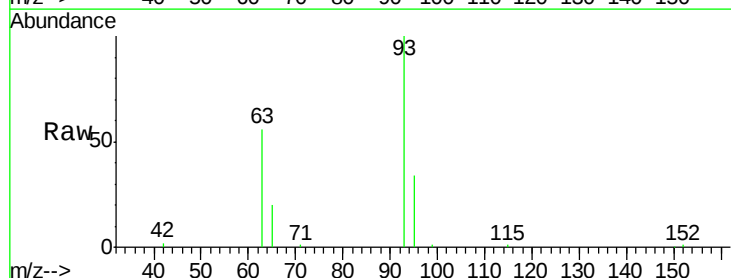
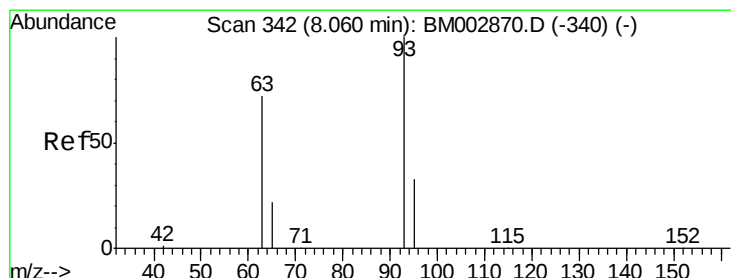
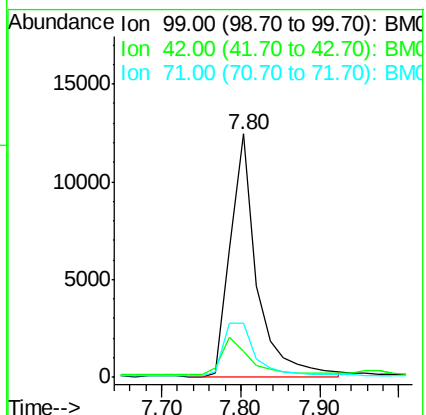
Tot Ion: 99 Resp: 28813

Ion Ratio Lower Upper

99 100

42 15.9 12.4 18.6

71 26.7 21.4 32.0



#6

bis(2-Chloroethyl)ether

Concen: 1.54 ng

RT: 8.06 min Scan# 342

Delta R.T. 0.00 min

Lab File: BM002871.D

Acq: 08 Oct 2015 19:45

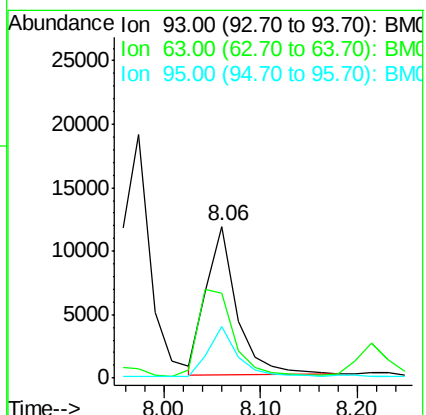
Tgt Ion: 93 Resp: 25703

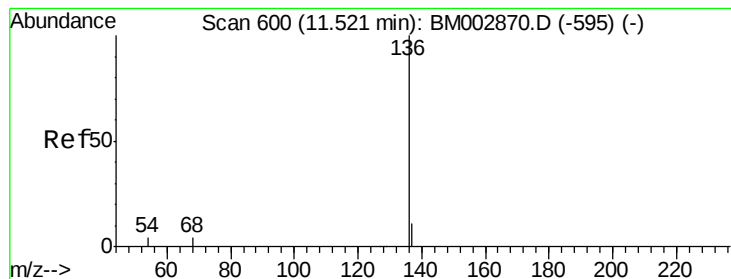
Ion Ratio Lower Upper

93 100

63 69.6 52.9 79.3

95 32.3 25.2 37.8





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 11.52 min Scan# 600

Delta R.T. 0.00 min

Lab File: BM002871.D

Acq: 08 Oct 2015 19:45

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

Tot Ion:136 Resp: 234999

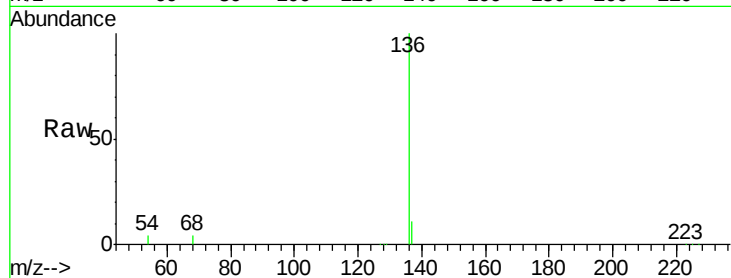
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 4.1 3.5 5.3

68 3.9 3.3 4.9

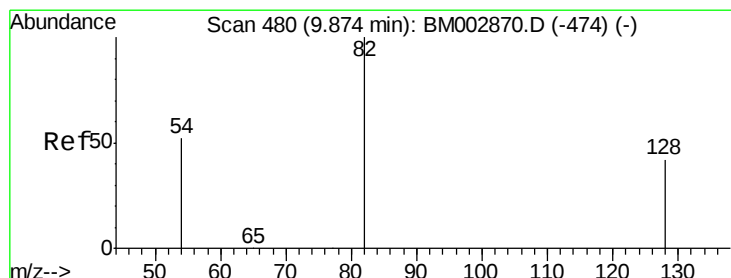
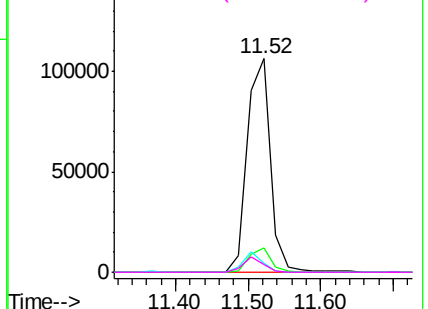
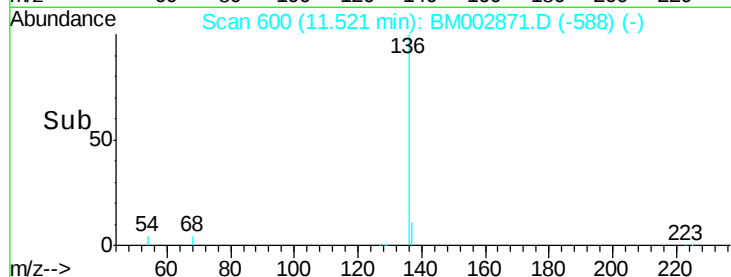


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.88 ng

RT: 9.87 min Scan# 480

Delta R.T. 0.00 min

Lab File: BM002871.D

Acq: 08 Oct 2015 19:45

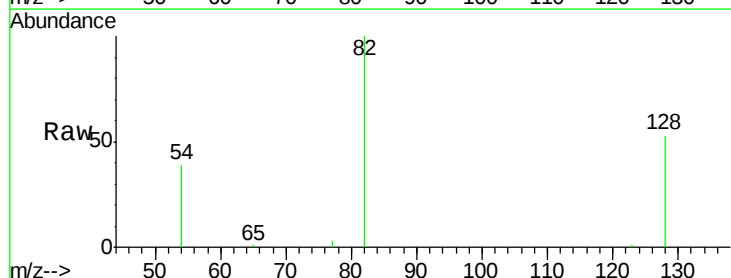
Tgt Ion: 82 Resp: 23715

Ion Ratio Lower Upper

82 100

128 52.6 34.1 51.1#

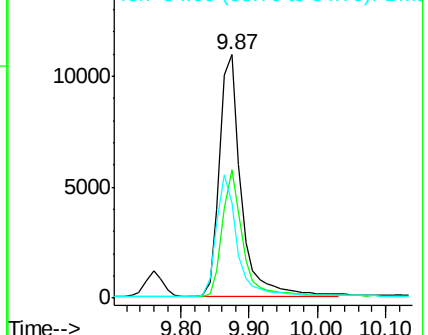
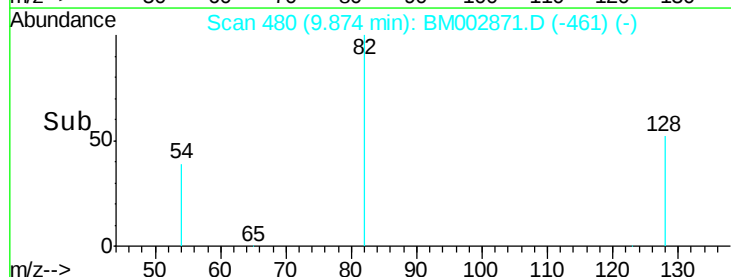
54 39.2 42.6 63.8#

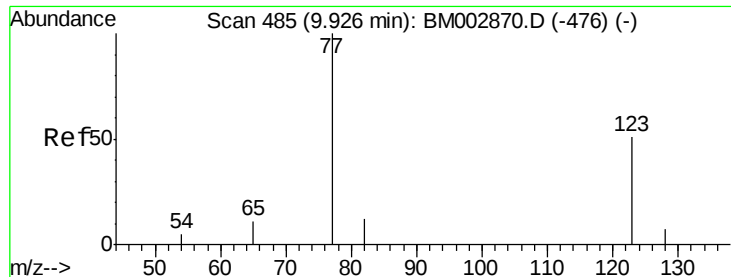


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#9

Nitrobenzene

Concen: 1.86 ng

RT: 9.92 min Scan# 484

Delta R.T. -0.01 min

Lab File: BM002871.D

Acq: 08 Oct 2015 19:45

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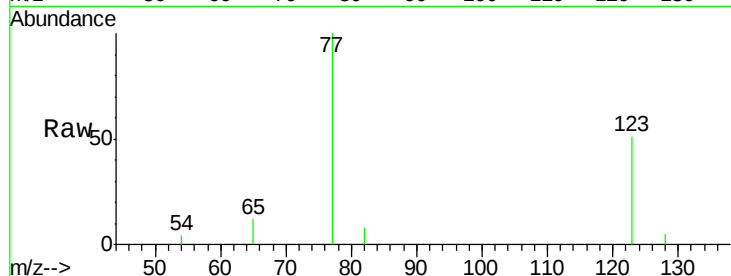
Tot Ion: 77 Resp: 25255

Ion Ratio Lower Upper

77 100

123 51.8 41.0 61.4

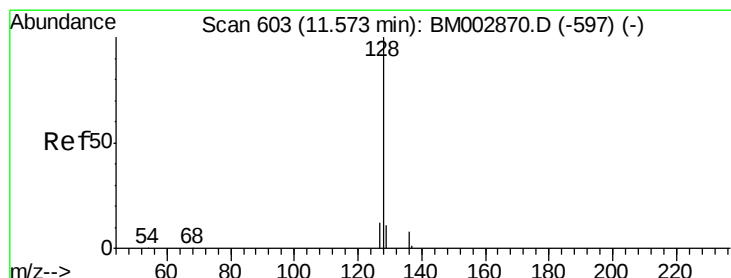
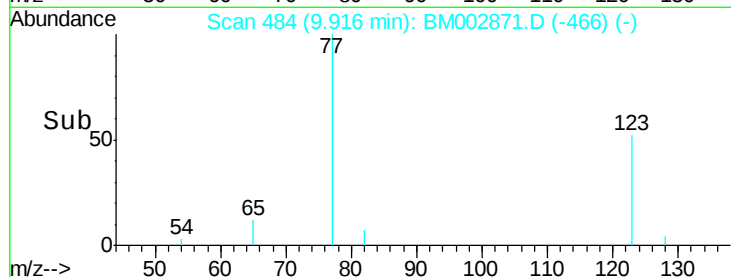
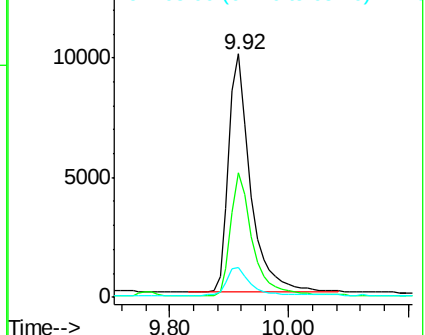
65 12.1 9.7 14.5



Abundance Ion 77.00 (76.70 to 77.70): BM002871.D (-466) (-)

Ion 123.00 (122.70 to 123.70): BM002871.D (-466) (-)

Ion 65.00 (64.70 to 65.70): BM002871.D (-466) (-)



#10

Naphthalene

Concen: 1.96 ng

RT: 11.56 min Scan# 602

Delta R.T. -0.02 min

Lab File: BM002871.D

Acq: 08 Oct 2015 19:45

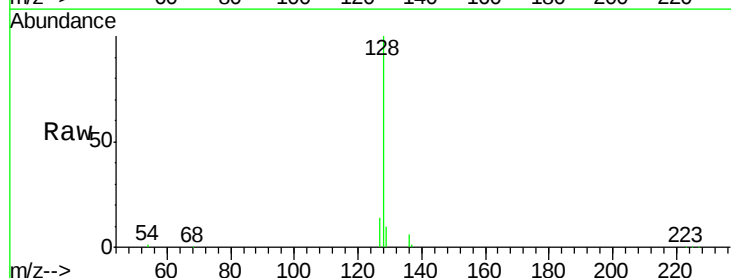
Tgt Ion: 128 Resp: 99794

Ion Ratio Lower Upper

128 100

129 10.3 9.4 14.2

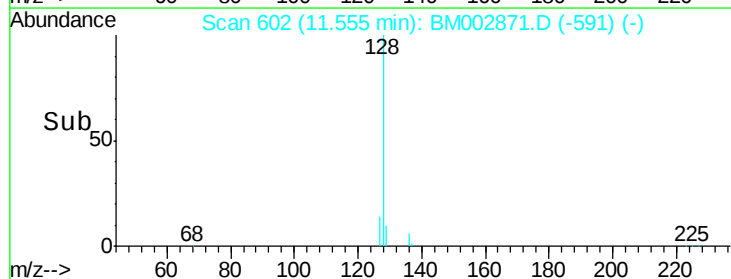
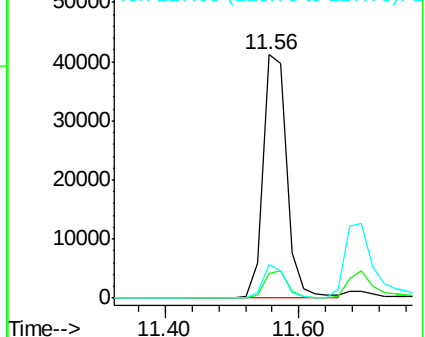
127 13.9 9.6 14.4

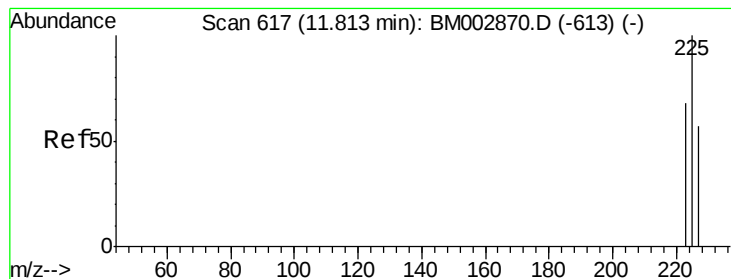


Abundance Ion 128.00 (127.70 to 128.70): BM002871.D (-591) (-)

Ion 129.00 (128.70 to 129.70): BM002871.D (-591) (-)

Ion 127.00 (126.70 to 127.70): BM002871.D (-591) (-)





#11

Hexachlorobutadiene

Concen: 1.90 ng

RT: 11.81 min Scan# 617

Delta R.T. 0.00 min

Lab File: BM002871.D

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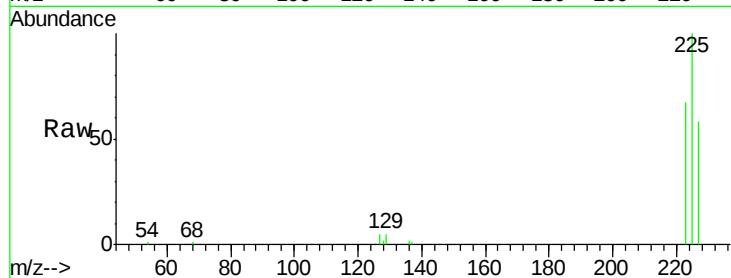
Tot Ion:225 Resp: 15869

Ion Ratio Lower Upper

225 100

223 62.6 50.1 75.1

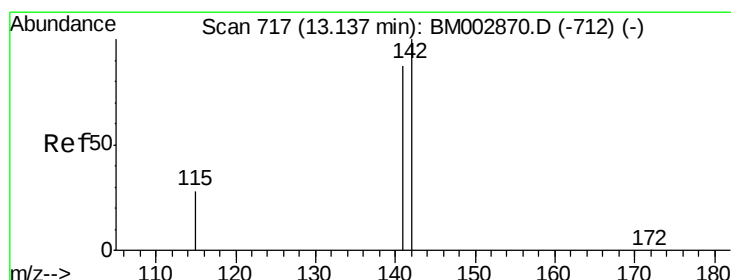
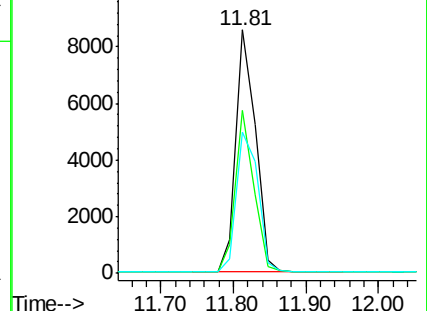
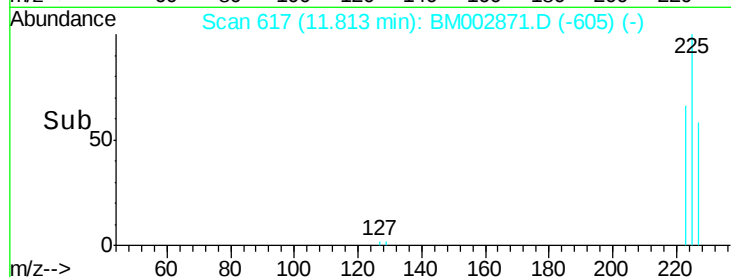
227 63.4 51.2 76.8



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#12

2-Methylnaphthalene

Concen: 2.23 ng

RT: 13.14 min Scan# 717

Delta R.T. 0.00 min

Lab File: BM002871.D

Acq: 08 Oct 2015 19:45

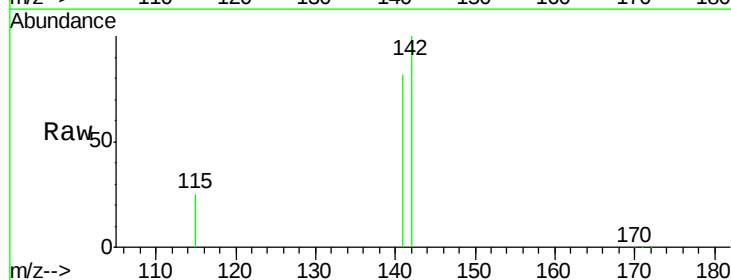
Tgt Ion:142 Resp: 68017

Ion Ratio Lower Upper

142 100

141 82.1 69.4 104.0

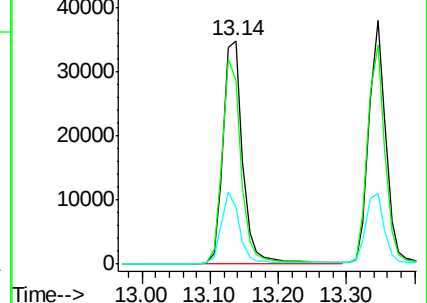
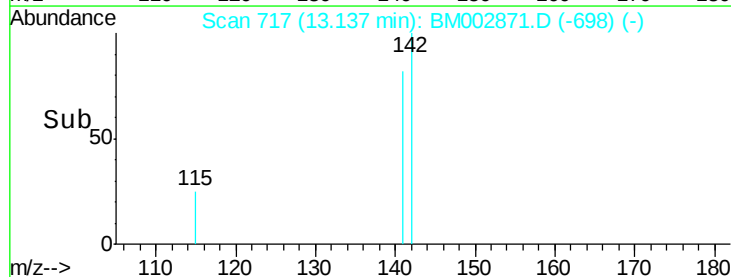
115 25.2 22.7 34.1

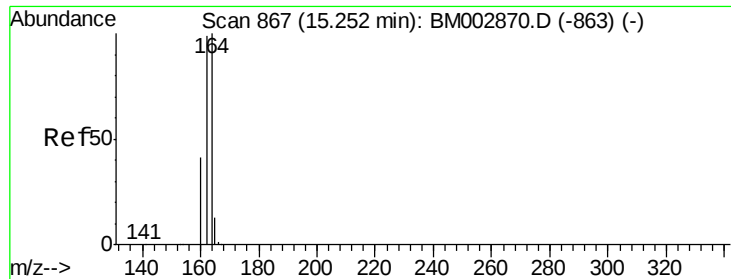


Abundance Ion 142.00 (141.70 to 142.70): E

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: BM002871.D

Acq: 08 Oct 2015 19:45

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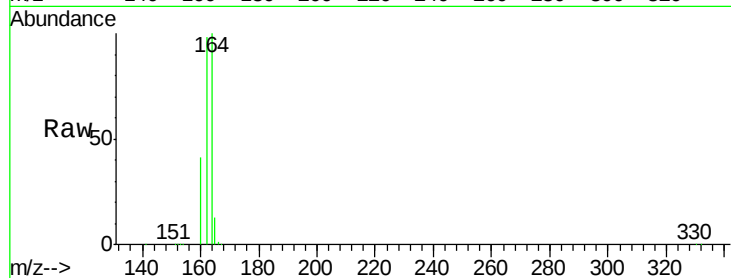
Tot Ion:164 Resp: 128678

Ion Ratio Lower Upper

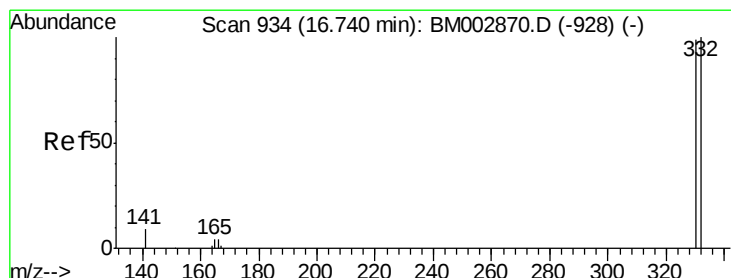
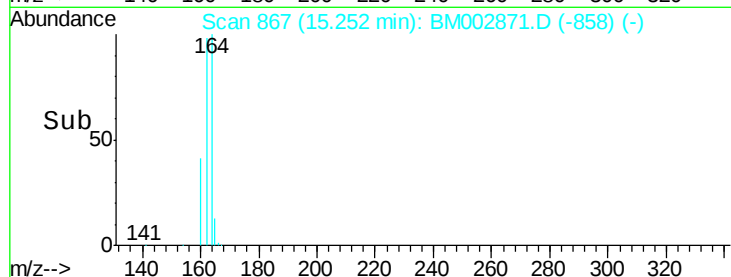
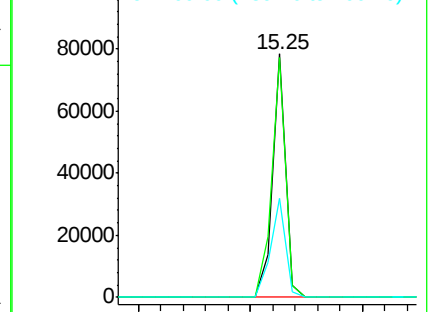
164 100

162 98.3 79.6 119.4

160 40.6 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: 1.90 ng

RT: 16.74 min Scan# 934

Delta R.T. 0.00 min

Lab File: BM002871.D

Acq: 08 Oct 2015 19:45

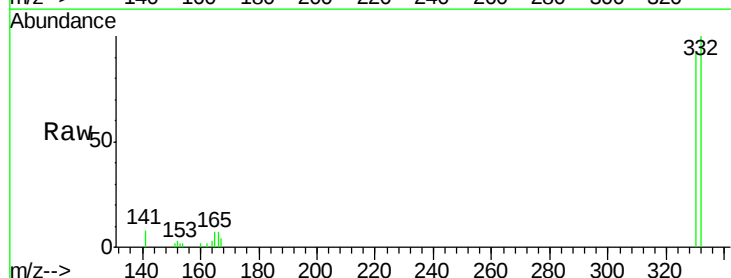
Tgt Ion:330 Resp: 7941

Ion Ratio Lower Upper

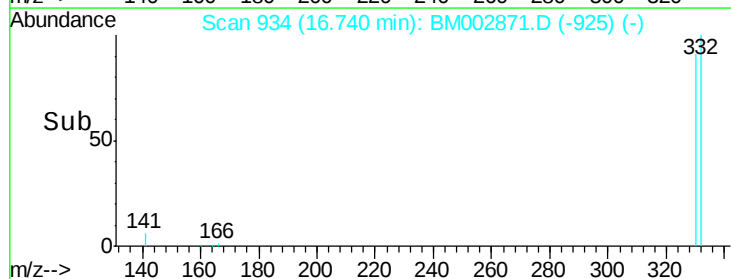
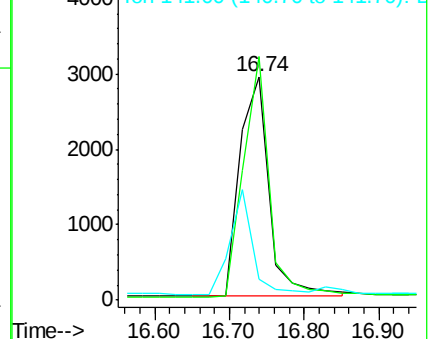
330 100

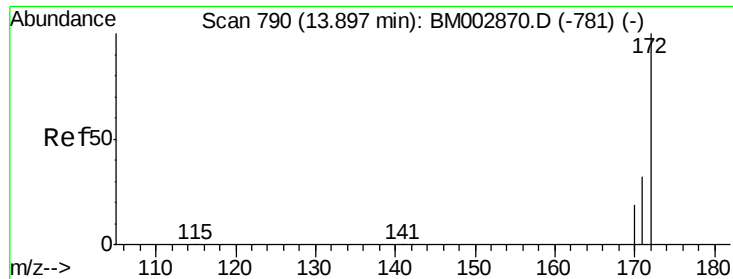
332 95.8 76.6 115.0

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

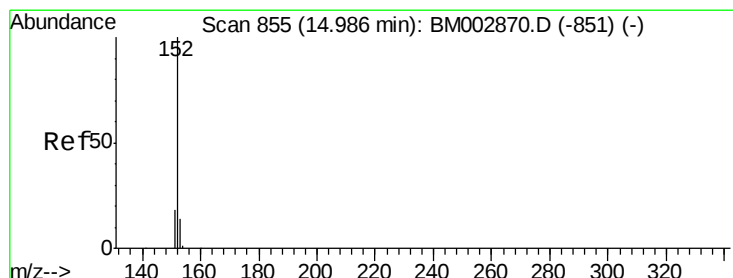
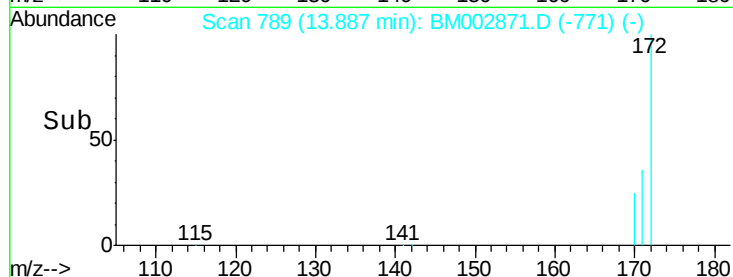
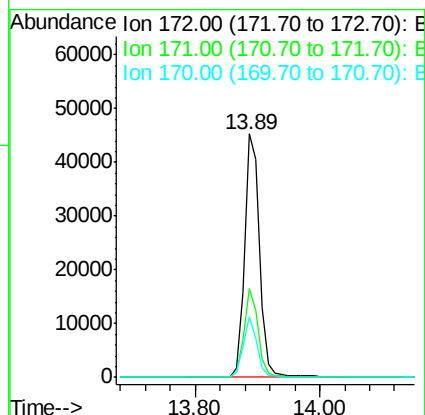
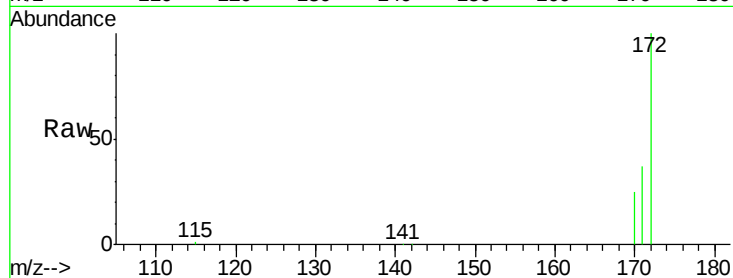




#15
2-Fluorobiphenyl
Concen: 2.13 ng
RT: 13.89 min Scan# 789
Delta R.T. -0.01 min
Lab File: BM002871.D
Acq: 08 Oct 2015 19:45

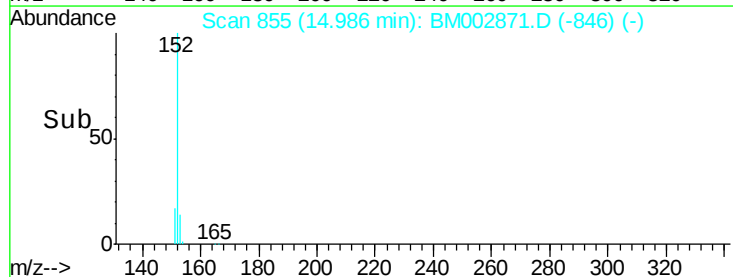
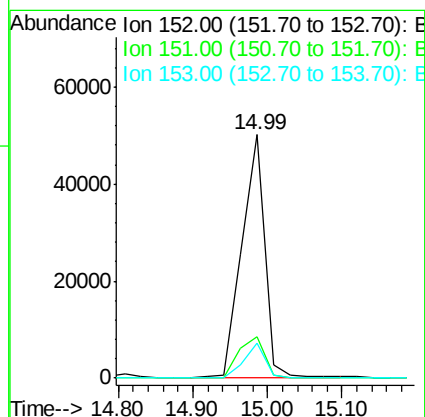
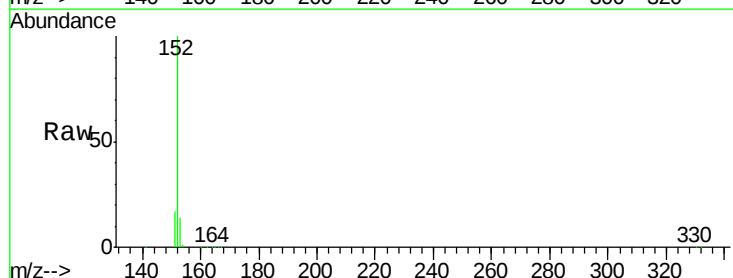
Instrument :
BNA_M
ClientSampleId :
SSTDICC002

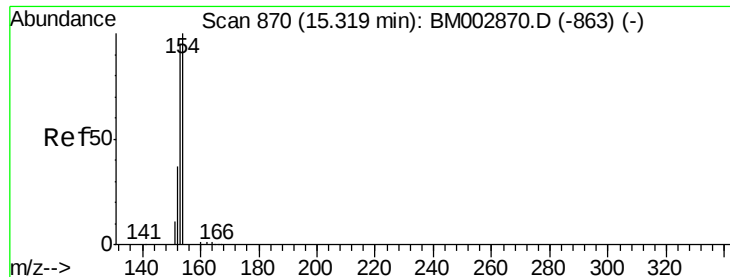
Tot Ion:172 Resp: 76092
Ion Ratio Lower Upper
172 100
171 36.6 26.1 39.1
170 24.8 15.7 23.5#



#16
Acenaphthylene
Concen: 0.54 ng
RT: 14.99 min Scan# 855
Delta R.T. 0.00 min
Lab File: BM002871.D
Acq: 08 Oct 2015 19:45

Tgt Ion:152 Resp: 106564
Ion Ratio Lower Upper
152 100
151 19.2 15.3 22.9
153 13.1 10.5 15.7





#17

Acenaphthene

Concen: 1.90 ng

RT: 15.30 min Scan# 869

Delta R.T. -0.02 min

Lab File: BM002871.D

Acq: 08 Oct 2015 19:45

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

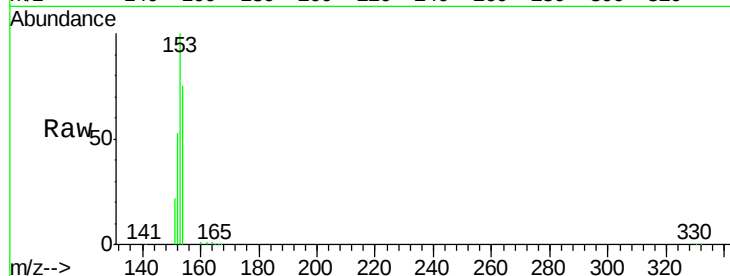
Tot Ion:154 Resp: 65564

Ion Ratio Lower Upper

154 100

153 113.0 0.0 0.0#

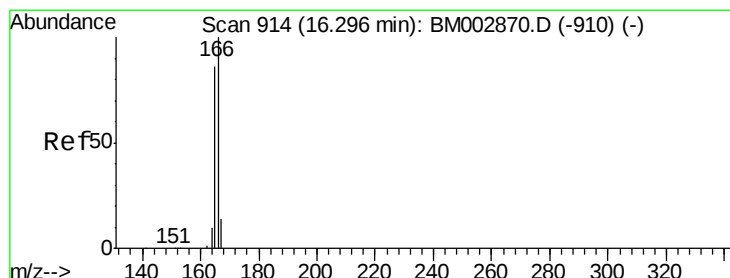
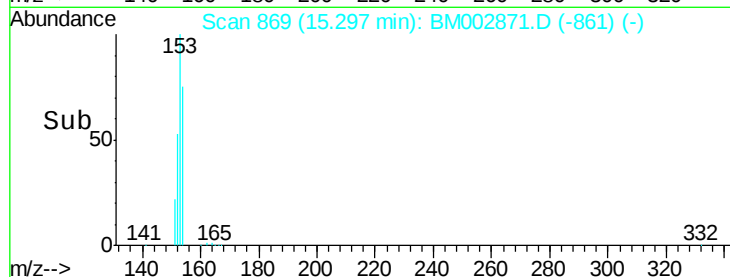
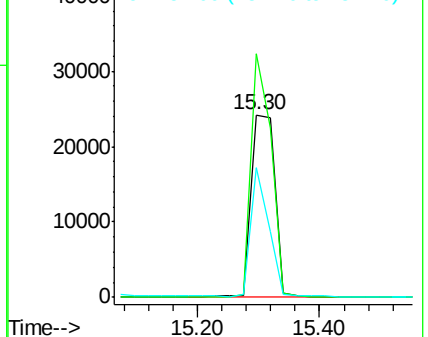
152 53.5 0.0 0.0#



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: 1.89 ng

RT: 16.30 min Scan# 914

Delta R.T. 0.00 min

Lab File: BM002871.D

Acq: 08 Oct 2015 19:45

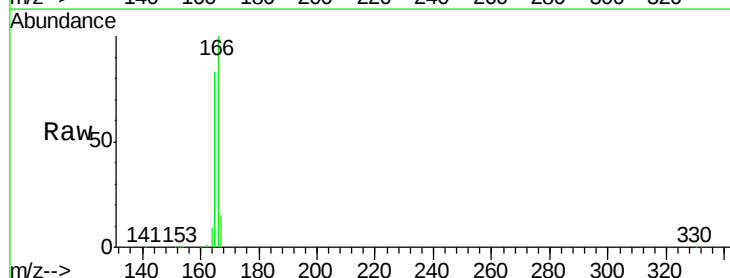
Tgt Ion:166 Resp: 80680

Ion Ratio Lower Upper

166 100

165 97.5 77.3 115.9

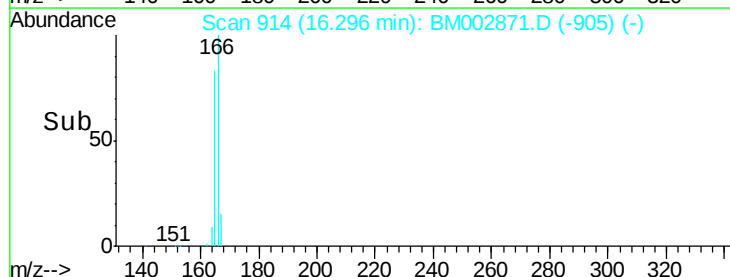
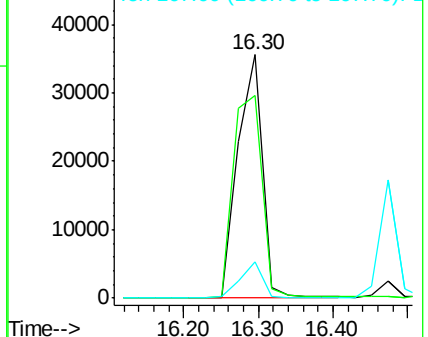
167 13.5 10.9 16.3

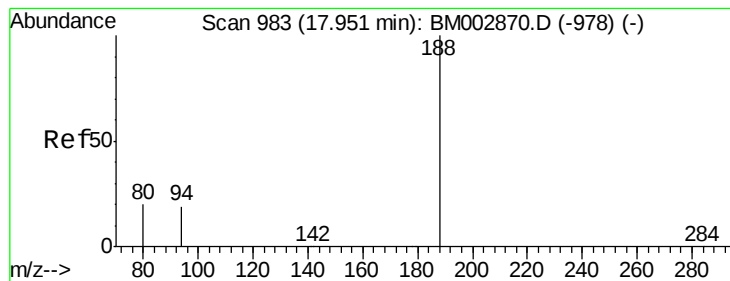


Abundance Ion 166.00 (165.70 to 166.70): E

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: BM002871.D

Acq: 08 Oct 2015 19:45

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

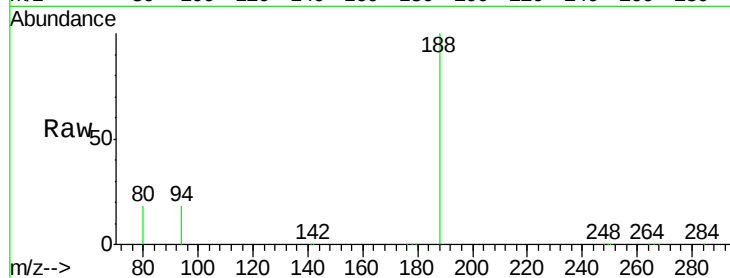
Tot Ion:188 Resp: 266156

Ion Ratio Lower Upper

188 100

94 17.6 15.2 22.8

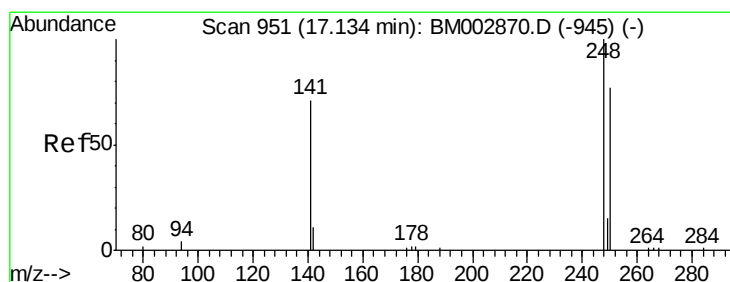
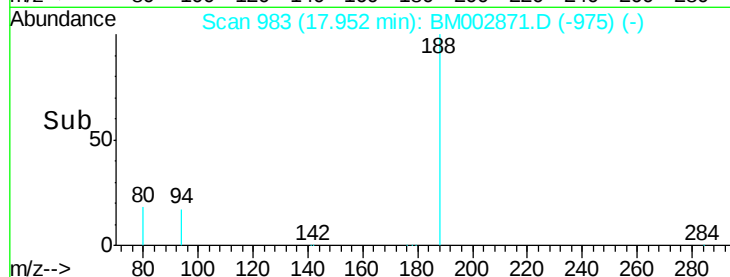
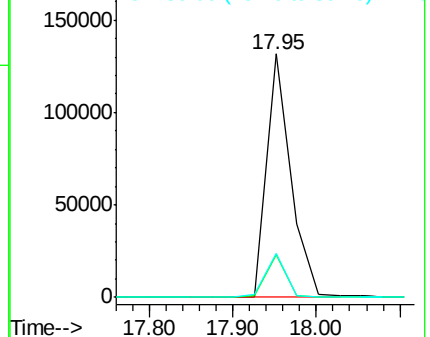
80 17.9 15.9 23.9



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



#20

4-Bromophenyl-phenylether

Concen: 2.57 ng

RT: 17.13 min Scan# 951

Delta R.T. 0.00 min

Lab File: BM002871.D

Acq: 08 Oct 2015 19:45

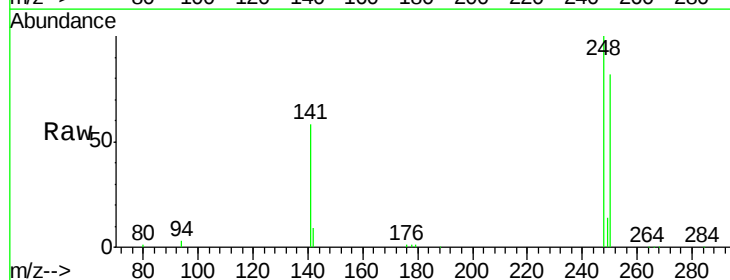
Tgt Ion:248 Resp: 27130

Ion Ratio Lower Upper

248 100

250 90.1 71.4 107.2

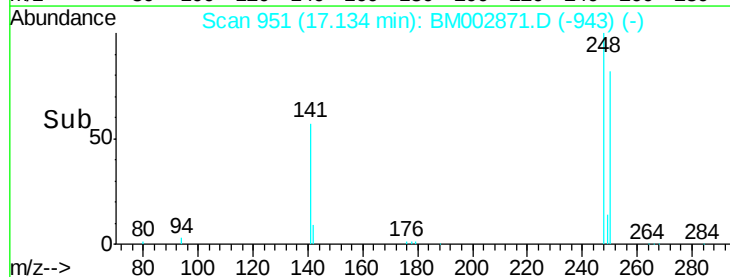
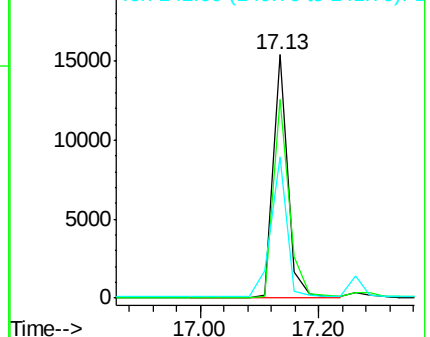
141 62.3 54.6 82.0

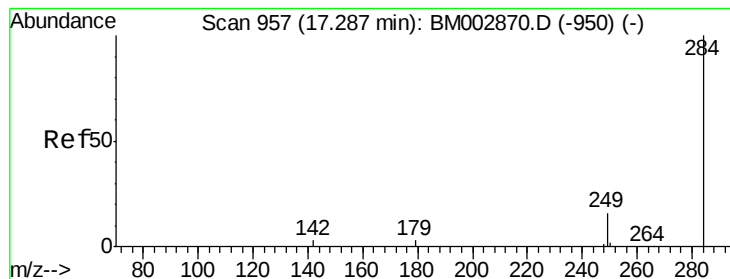


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.61 ng

RT: 17.29 min Scan# 957

Delta R.T. 0.00 min

Lab File: BM002871.D

Acq: 08 Oct 2015 19:45

Instrument :

BNA_M

ClientSampleId :

SSTDIC002

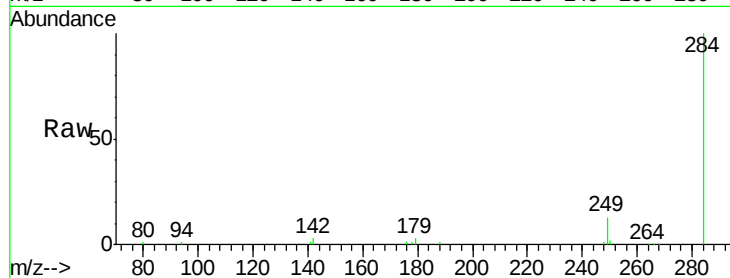
Tot Ion:284 Resp: 28905

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

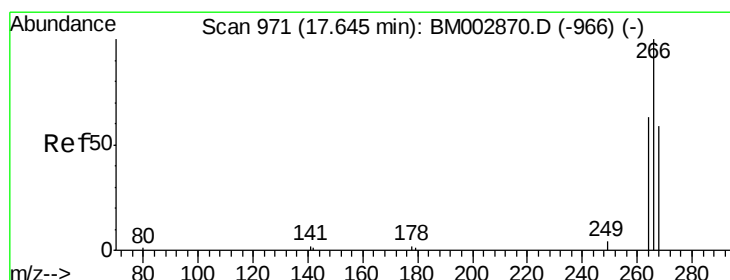
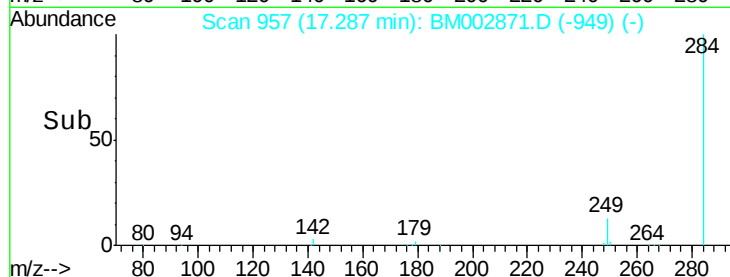
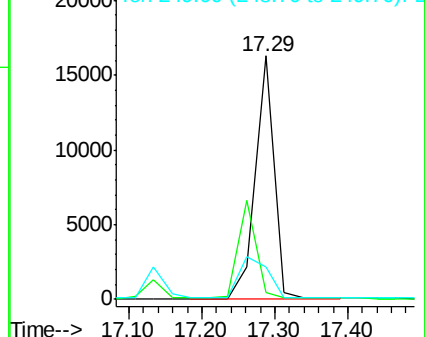
249 0.0 20.7 31.1#



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: 0.63 ng

RT: 17.64 min Scan# 971

Delta R.T. 0.00 min

Lab File: BM002871.D

Acq: 08 Oct 2015 19:45

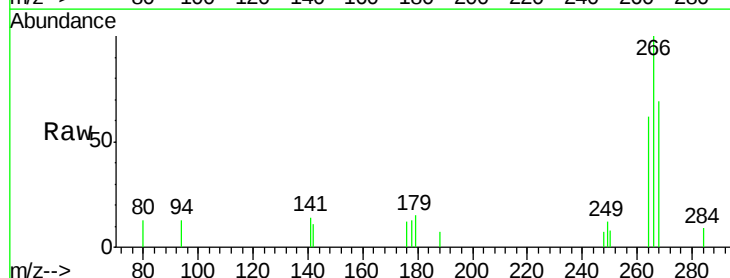
Tgt Ion:266 Resp: 2256

Ion Ratio Lower Upper

266 100

268 69.4 58.3 87.5

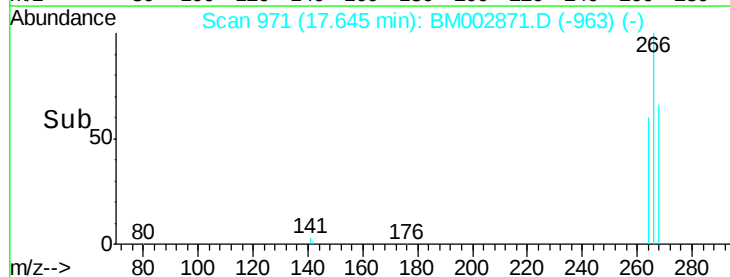
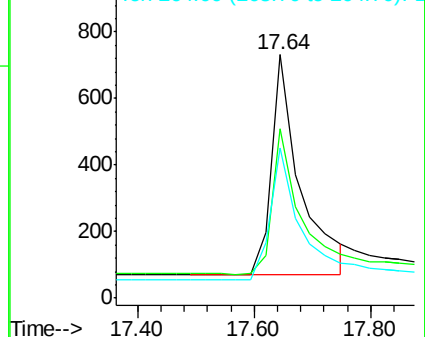
264 61.9 54.2 81.2

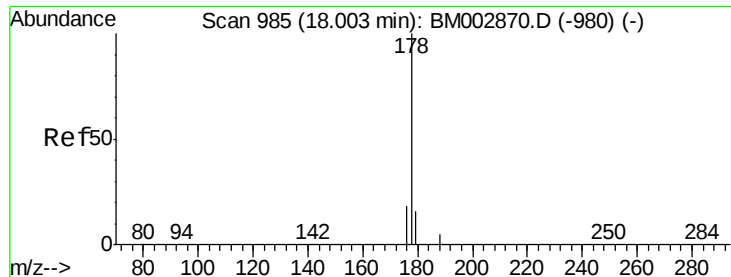


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

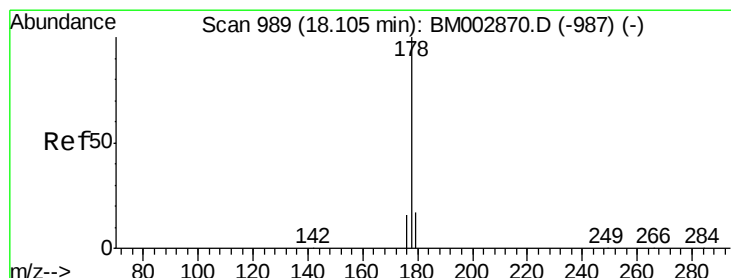
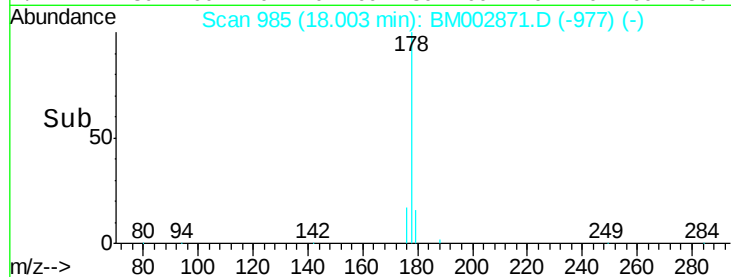
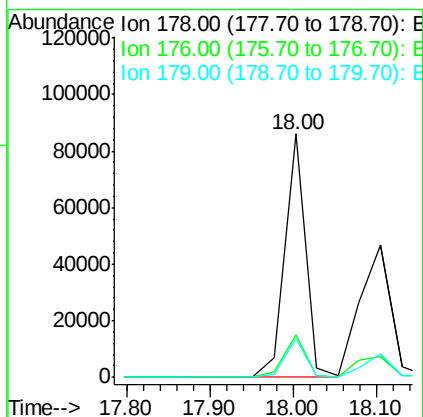
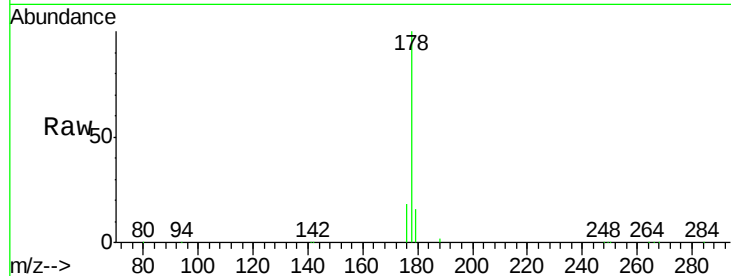




#23
Phenanthrene
Concen: 2.14 ng
RT: 18.00 min Scan# 985
Delta R.T. 0.00 min
Lab File: BM002871.D
Acq: 08 Oct 2015 19:45

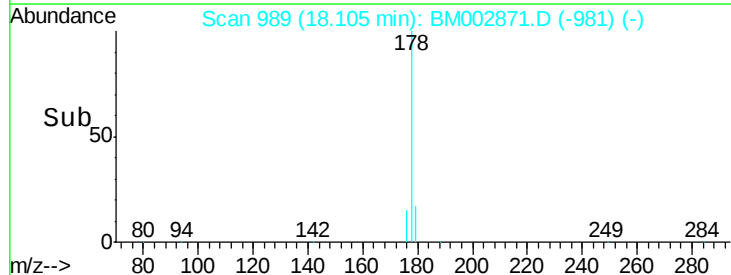
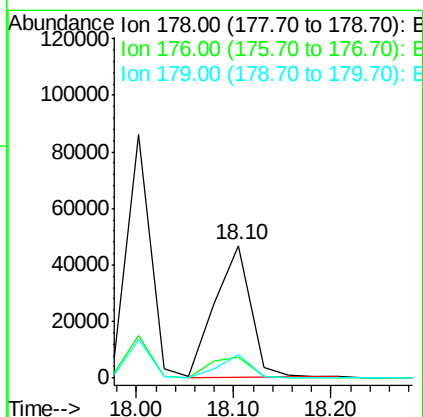
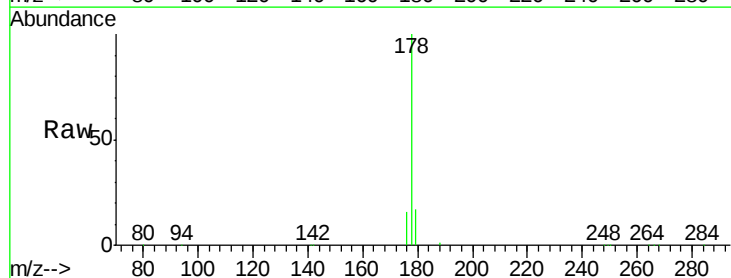
Instrument :
BNA_M
ClientSampleId :
SSTDIC002

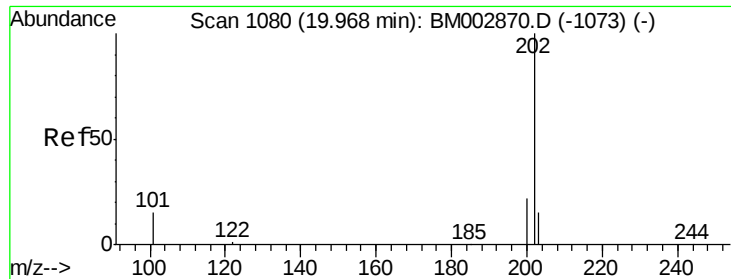
Tot Ion:178 Resp: 148063
Ion Ratio Lower Upper
178 100
176 18.0 14.6 21.8
179 15.5 12.5 18.7



#24
Anthracene
Concen: 1.93 ng
RT: 18.10 min Scan# 989
Delta R.T. 0.00 min
Lab File: BM002871.D
Acq: 08 Oct 2015 19:45

Tgt Ion:178 Resp: 118043
Ion Ratio Lower Upper
178 100
176 18.0 13.9 20.9
179 15.4 12.6 18.8





#25

Fluoranthene

Concen: 1.97 ng

RT: 19.97 min Scan# 1080

Delta R.T. 0.00 min

Lab File: BM002871.D

Acq: 08 Oct 2015 19:45

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

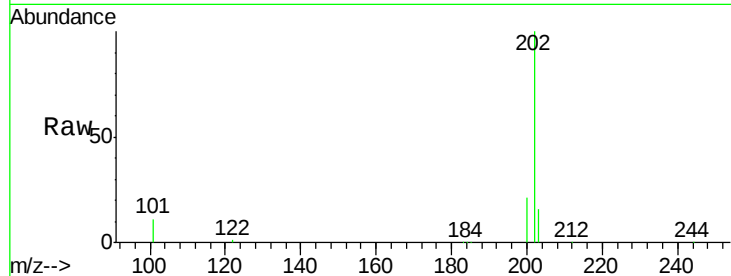
Tot Ion:202 Resp: 161249

Ion Ratio Lower Upper

202 100

101 13.2 11.0 16.6

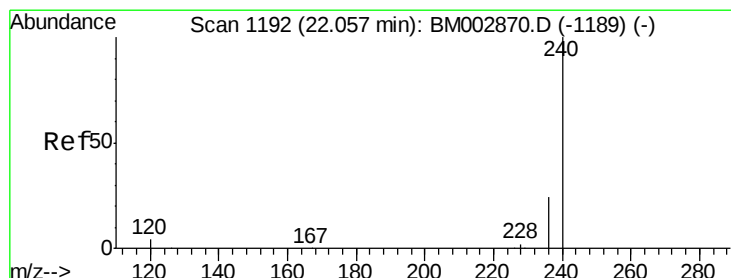
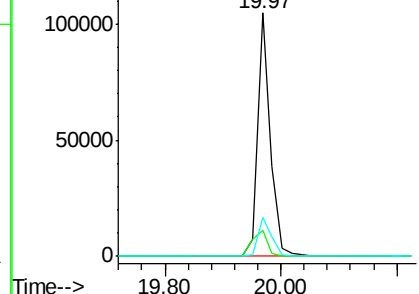
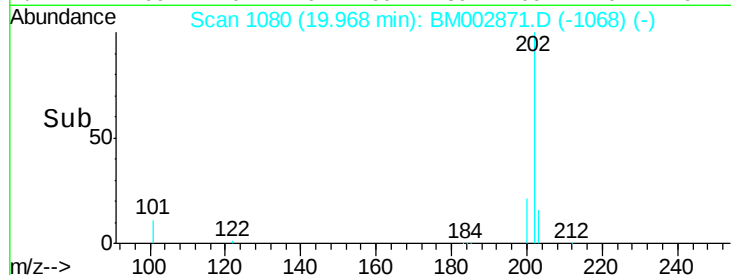
203 17.1 13.8 20.6



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: BM002871.D

Acq: 08 Oct 2015 19:45

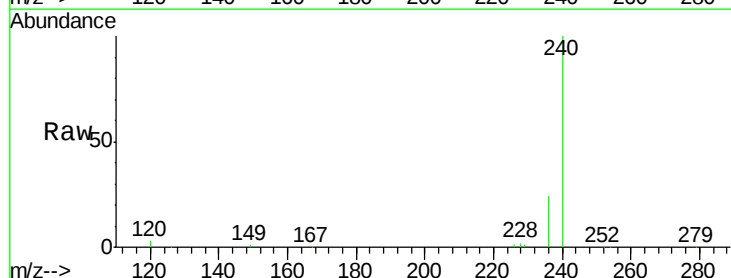
Tgt Ion:240 Resp: 301666

Ion Ratio Lower Upper

240 100

120 2.8 3.3 4.9#

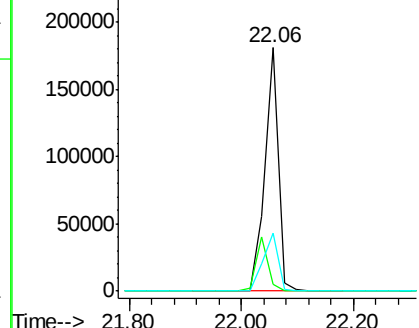
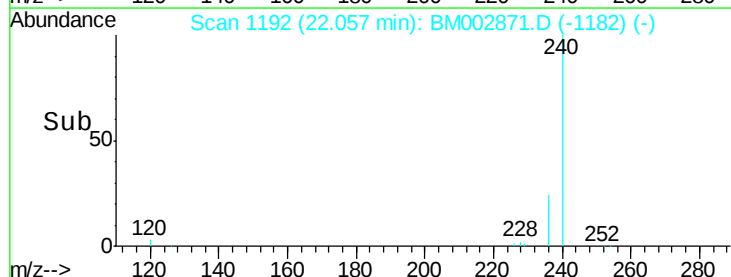
236 23.6 19.5 29.3

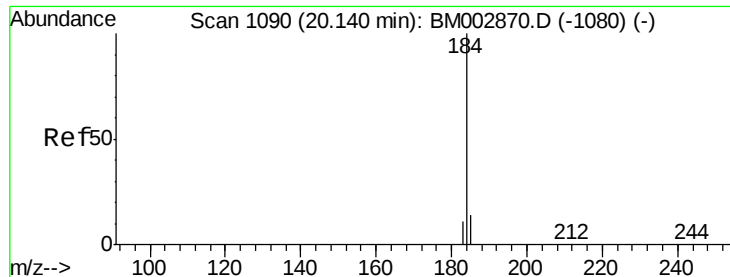


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 7.48 ng

RT: 20.12 min Scan# 1089

Delta R.T. -0.02 min

Lab File: BM002871.D

Acq: 08 Oct 2015 19:45

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

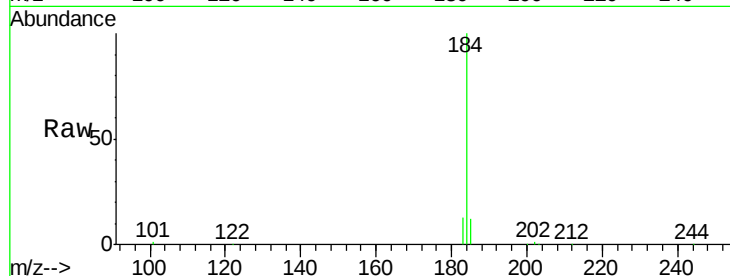
Tot Ion:184 Resp: 80619

Ion Ratio Lower Upper

184 100

185 12.3 12.0 18.0

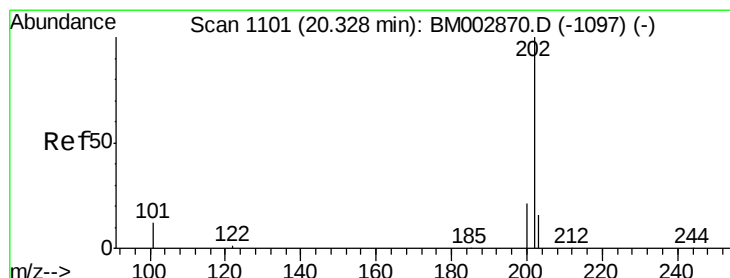
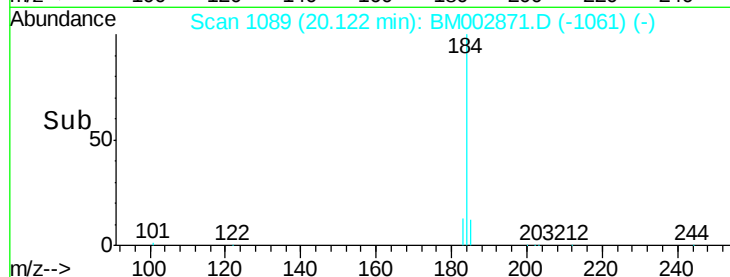
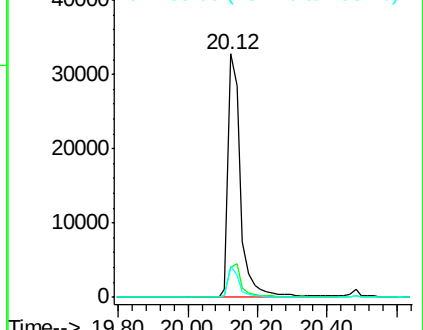
183 13.0 8.9 13.3



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: 2.14 ng

RT: 20.33 min Scan# 1101

Delta R.T. 0.00 min

Lab File: BM002871.D

Acq: 08 Oct 2015 19:45

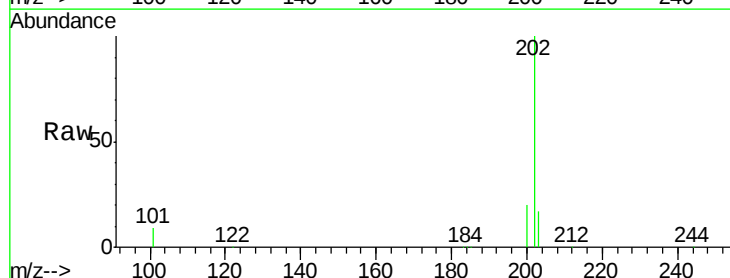
Tgt Ion:202 Resp: 169774

Ion Ratio Lower Upper

202 100

200 20.2 16.2 24.4

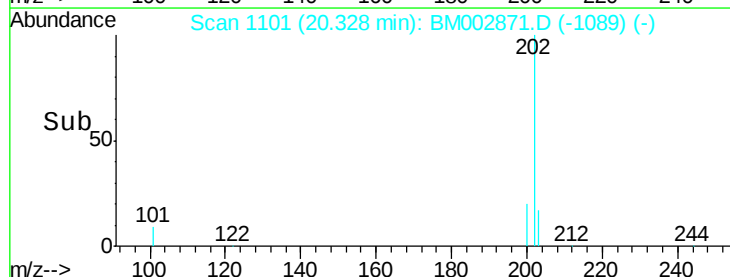
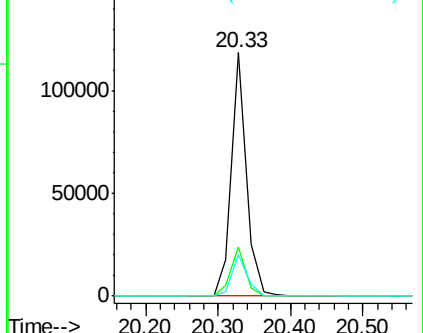
203 17.3 13.8 20.8

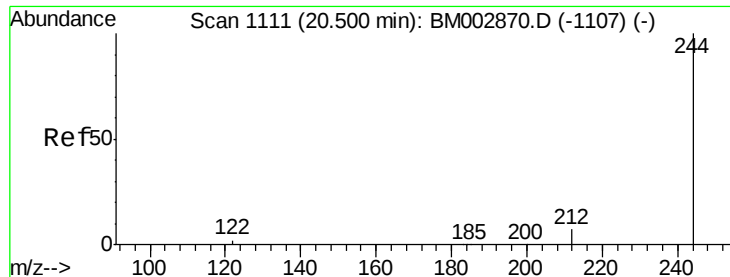


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 2.10 ng

RT: 20.48 min Scan# 1110

Delta R.T. -0.02 min

Lab File: BM002871.D

Acq: 08 Oct 2015 19:45

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

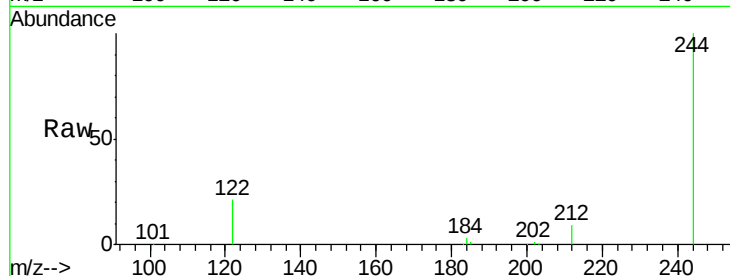
Tot Ion:244 Resp: 81715

Ion Ratio Lower Upper

244 100

212 9.4 5.6 8.4#

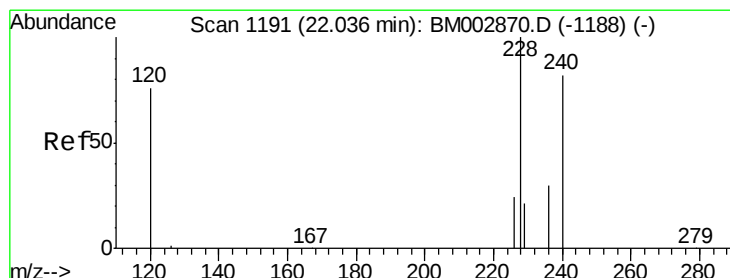
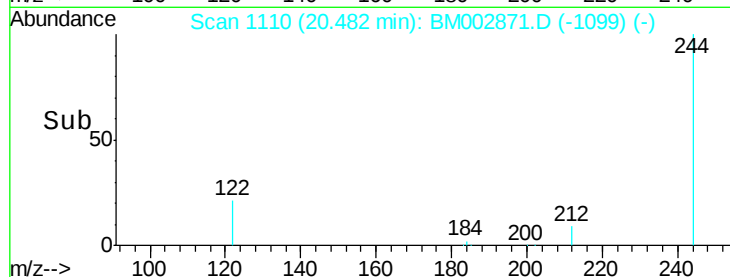
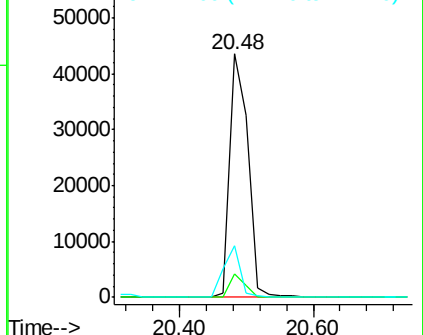
122 21.4 2.2 3.2#



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: 2.16 ng

RT: 22.04 min Scan# 1191

Delta R.T. 0.00 min

Lab File: BM002871.D

Acq: 08 Oct 2015 19:45

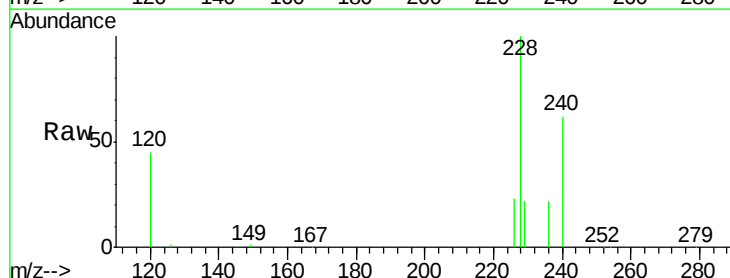
Tgt Ion:228 Resp: 157858

Ion Ratio Lower Upper

228 100

226 23.0 19.0 28.6

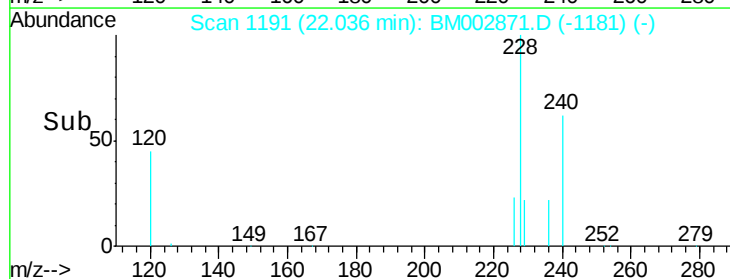
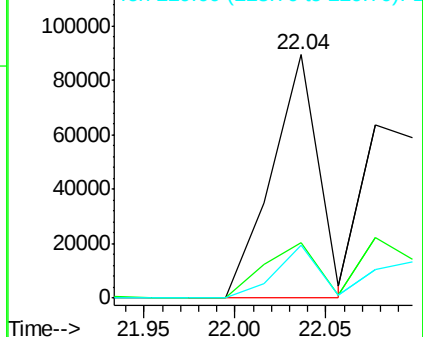
229 21.6 16.8 25.2

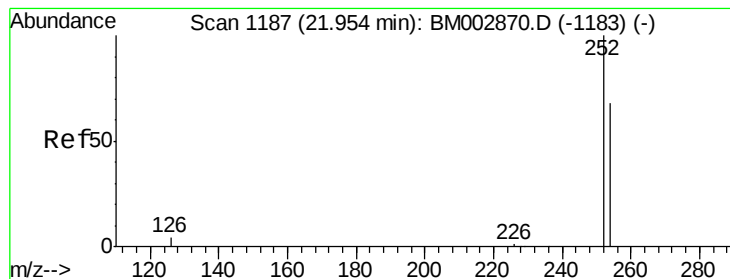


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

3,3'-Dichlorobenzidine

Concen: 4.09 ng

RT: 21.95 min Scan# 1187

Delta R.T. 0.00 min

Lab File: BM002871.D

Acq: 08 Oct 2015 19:45

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

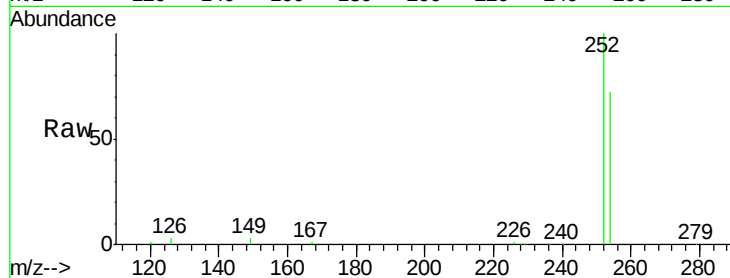
Tot Ion:252 Resp: 61453

Ion Ratio Lower Upper

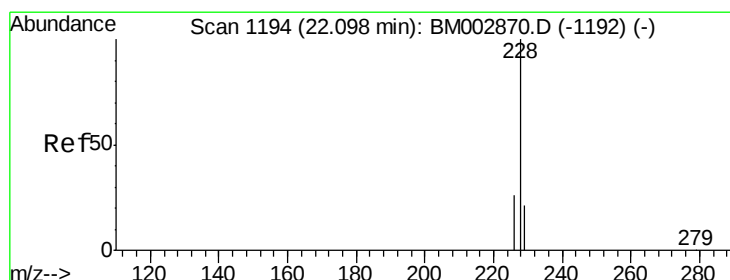
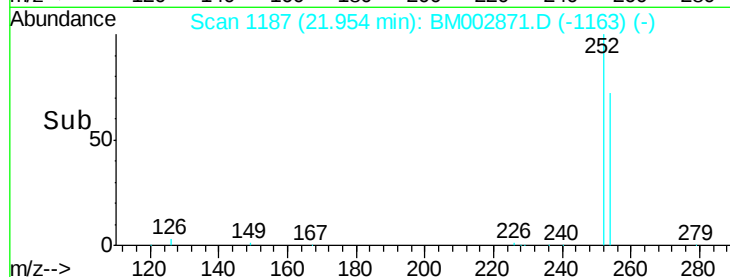
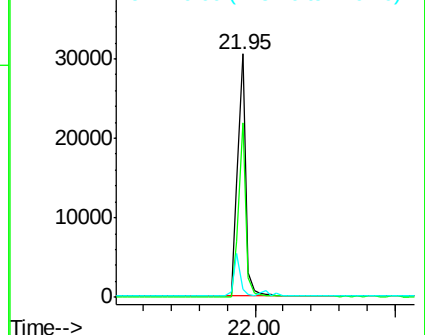
252 100

254 71.9 54.1 81.1

126 3.5 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: 1.73 ng

RT: 22.04 min Scan# 1191

Delta R.T. -0.06 min

Lab File: BM002871.D

Acq: 08 Oct 2015 19:45

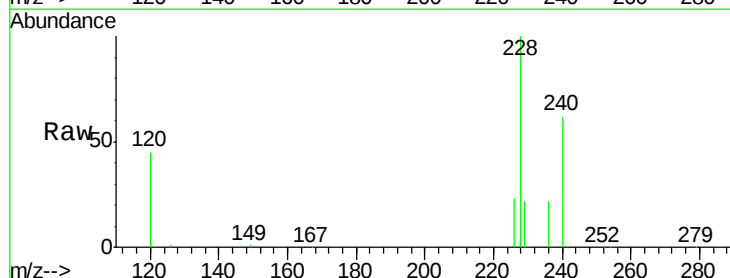
Tgt Ion:228 Resp: 157858

Ion Ratio Lower Upper

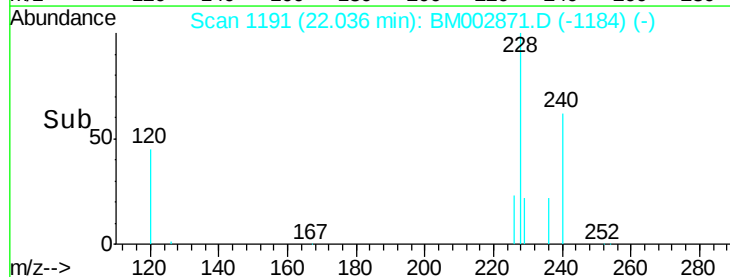
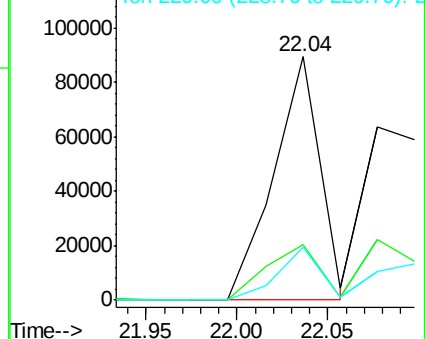
228 100

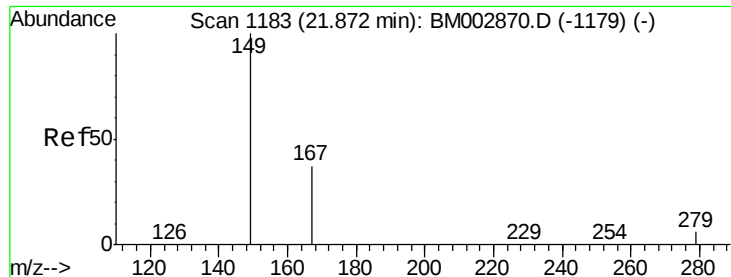
226 23.0 20.6 30.8

229 21.6 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: 2.65 ng

RT: 21.85 min Scan# 1182

Delta R.T. -0.02 min

Lab File: BM002871.D

Acq: 08 Oct 2015 19:45

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

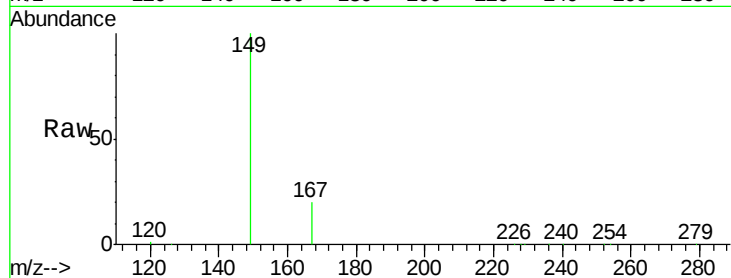
Tot Ion:149 Resp: 89503

Ion Ratio Lower Upper

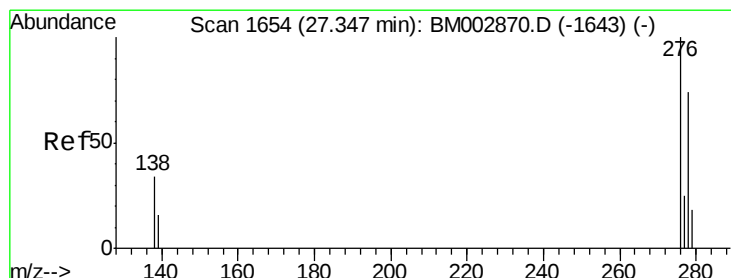
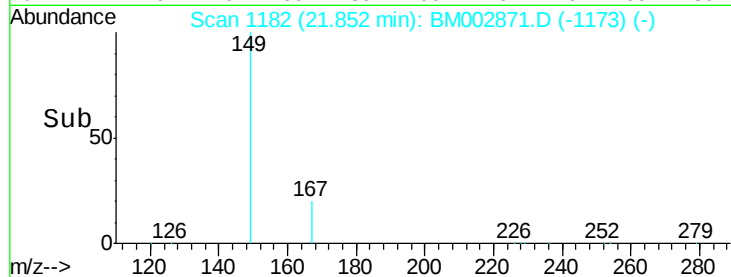
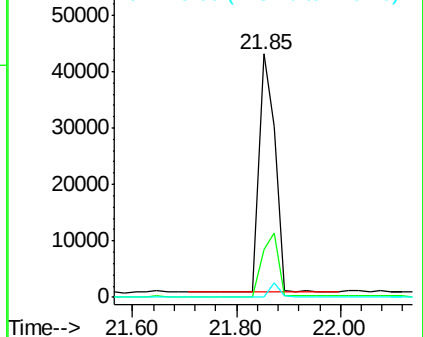
149 100

167 0.0 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: 2.24 ng

RT: 27.34 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BM002871.D

Acq: 08 Oct 2015 19:45

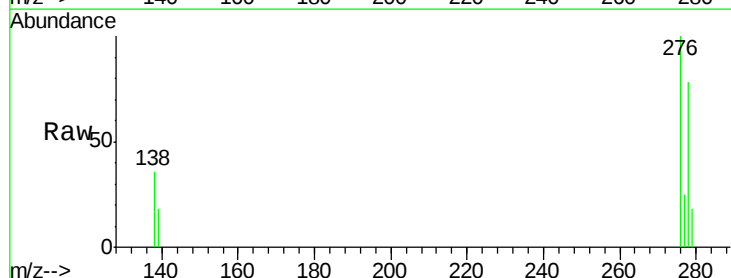
Tgt Ion:276 Resp: 172775

Ion Ratio Lower Upper

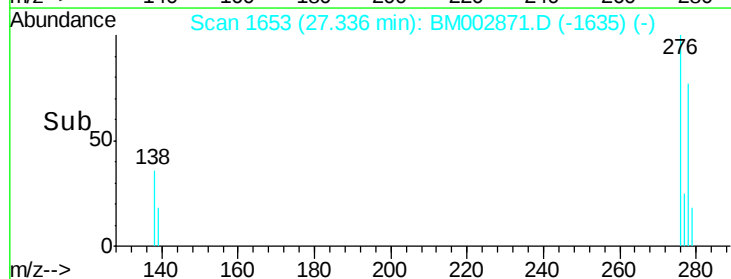
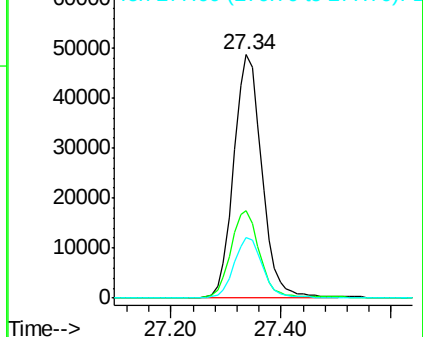
276 100

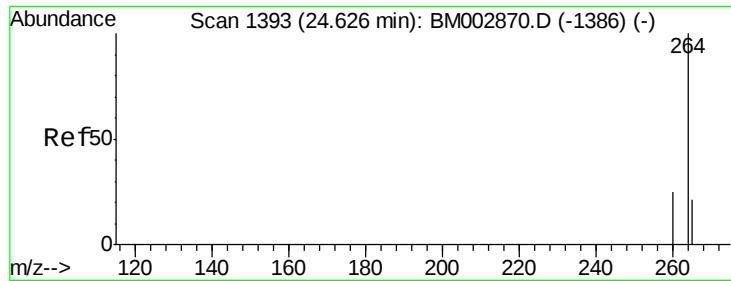
138 36.2 29.0 43.6

277 24.7 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

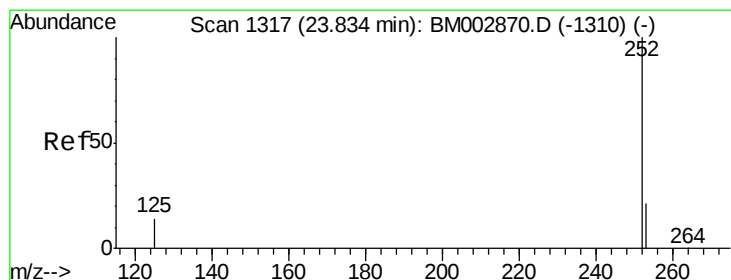
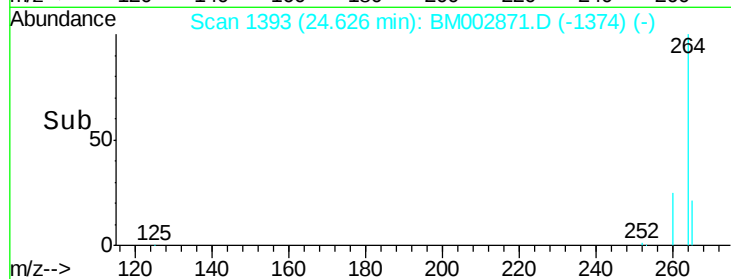
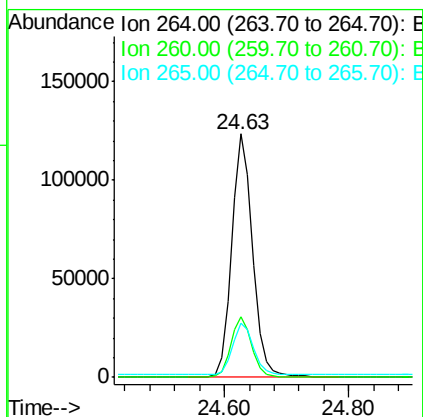
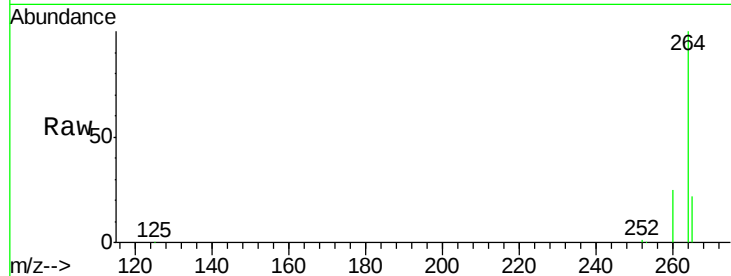




#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 24.63 min Scan# 1393
 Delta R.T. 0.00 min
 Lab File: BM002871.D
 Acq: 08 Oct 2015 19:45

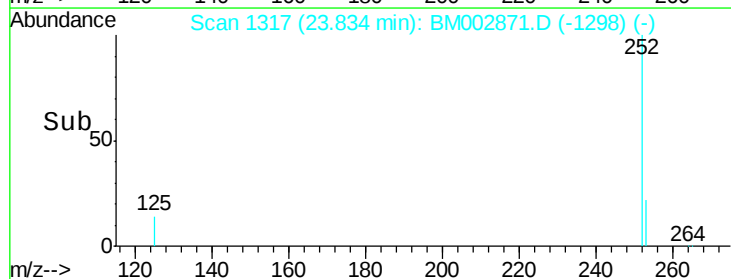
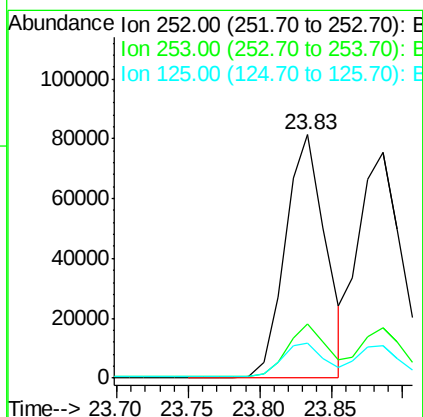
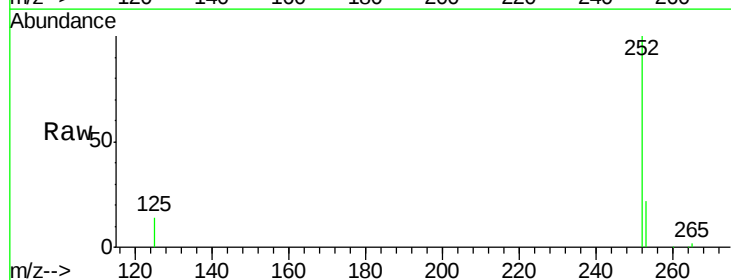
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC002

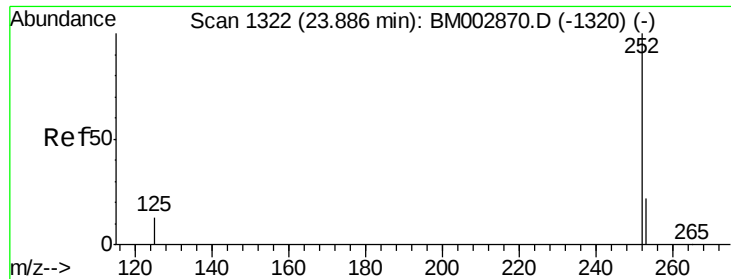
Tot Ion:264 Resp: 290148
 Ion Ratio Lower Upper
 264 100
 260 24.8 20.1 30.1
 265 22.1 17.6 26.4



#36
 Benzo(b)fluoranthene
 Concen: 2.36 ng
 RT: 23.83 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: BM002871.D
 Acq: 08 Oct 2015 19:45

Tgt Ion:252 Resp: 159080
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.5 26.3
 125 14.2 12.4 18.6





#37

Benzo(k)fluoranthene

Concen: 1.83 ng

RT: 23.89 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BM002871.D

Acq: 08 Oct 2015 19:45

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

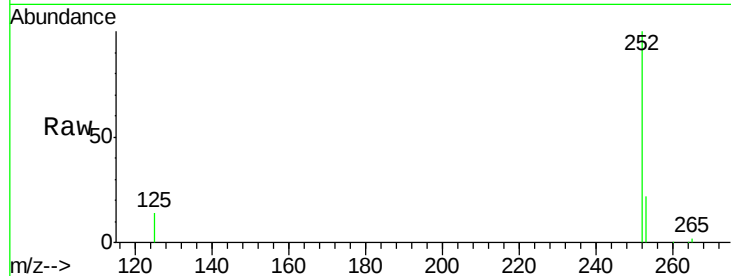
Tot Ion:252 Resp: 160346

Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

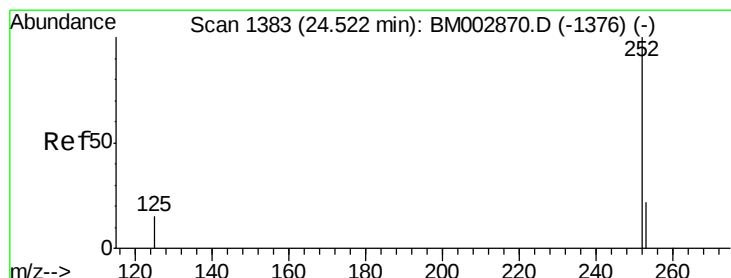
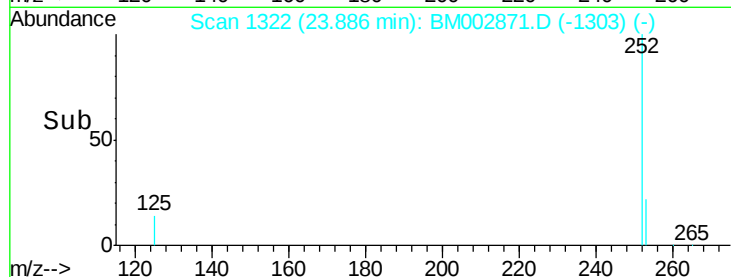
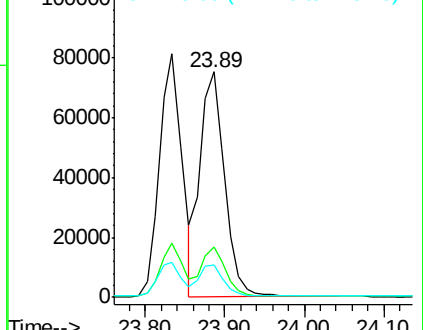
125 14.3 12.3 18.5



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: 2.37 ng

RT: 24.51 min Scan# 1382

Delta R.T. -0.01 min

Lab File: BM002871.D

Acq: 08 Oct 2015 19:45

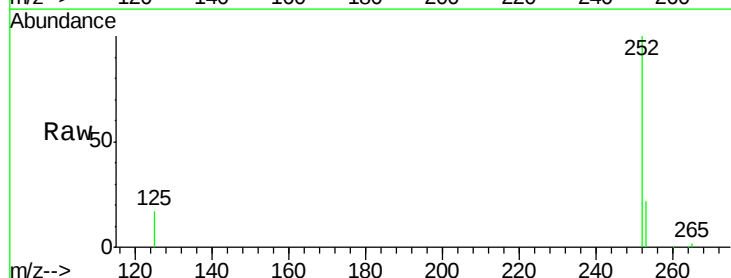
Tgt Ion:252 Resp: 147057

Ion Ratio Lower Upper

252 100

253 21.6 18.4 27.6

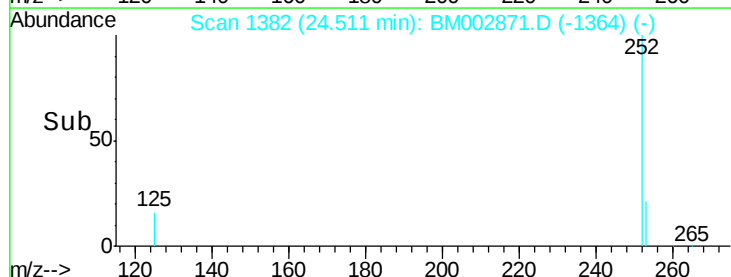
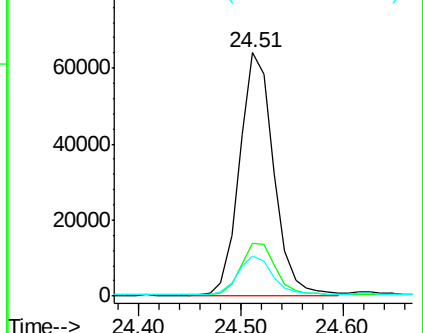
125 16.6 13.3 19.9

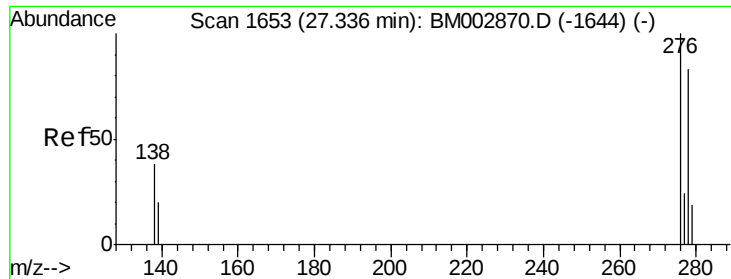


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 2.25 ng

RT: 27.34 min Scan# 1653

Delta R.T. 0.00 min

Lab File: BM002871.D

Acq: 08 Oct 2015 19:45

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

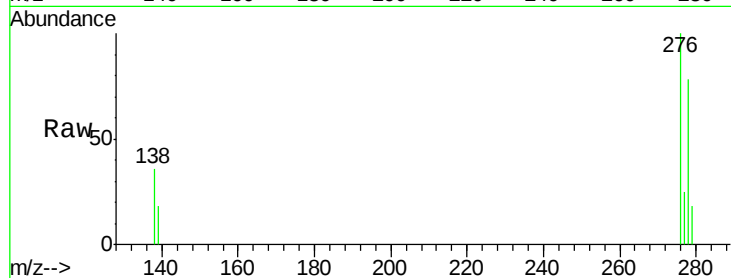
Tot Ion:278 Resp: 138023

Ion Ratio Lower Upper

278 100

139 23.6 19.8 29.6

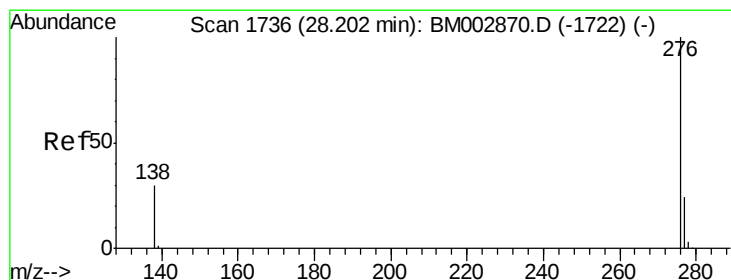
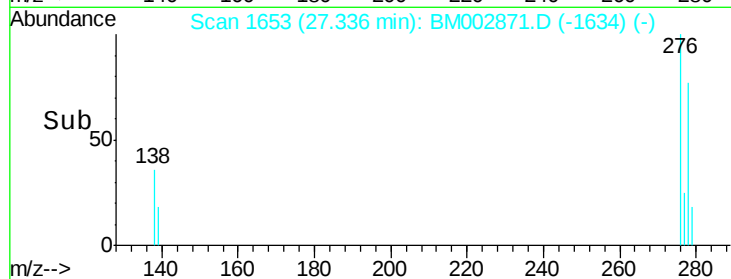
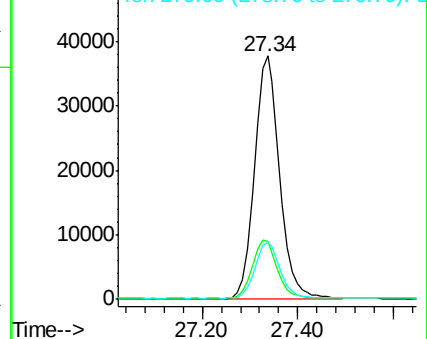
279 23.5 19.1 28.7



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: 2.13 ng

RT: 28.19 min Scan# 1735

Delta R.T. -0.01 min

Lab File: BM002871.D

Acq: 08 Oct 2015 19:45

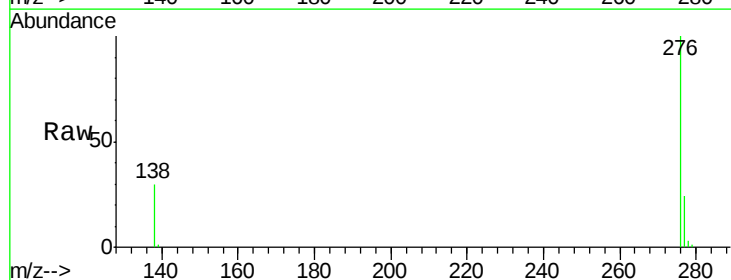
Tgt Ion:276 Resp: 140918

Ion Ratio Lower Upper

276 100

277 23.8 19.4 29.0

138 30.5 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

