

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100815\
 Data File : BM002870.D
 Acq On : 08 Oct 2015 19:09
 Operator : UM/IZ
 Sample : SSTDICCC001
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICCC001

Quant Time: Oct 09 00:57:52 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	8.68	152	50692	5.00	ng	0.00
7) Naphthalene-d8	11.52	136	208823	5.00	ng	0.00
13) Acenaphthene-d10	15.25	164	111863	5.00	ng	0.00
19) Phenanthrene-d10	17.95	188	233179	5.00	ng	0.00
26) Chrysene-d12	22.06	240	274293	5.00	ng	0.00
35) Perylene-d12	24.63	264	275805	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	6.15	112	9742	0.92	ng	0.00
5) Phenol-d6	7.80	99	12927	0.98	ng	0.00
8) Nitrobenzene-d5	9.87	82	10333	0.92	ng	0.00
14) 2,4,6-Tribromophenol	16.74	330	3439	0.95	ng	0.00
15) 2-Fluorobiphenyl	13.90	172	33828	1.09	ng	0.00
29) Terphenyl-d14	20.50	244	35871	1.01	ng	0.00

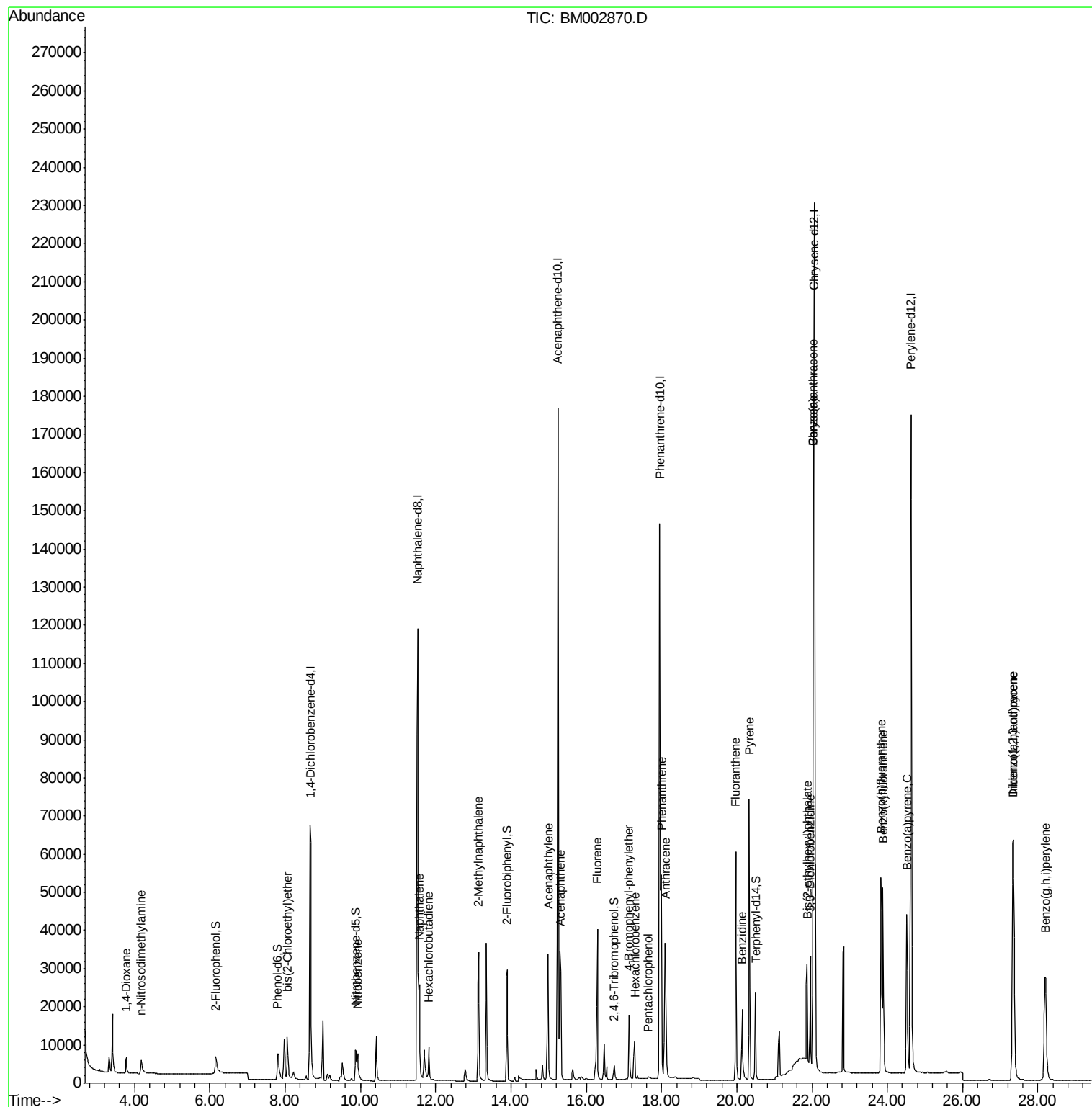
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.78	88	4691	0.54	ng	100
3) n-Nitrosodimethylamine	4.17	42	4060	0.48	ng	99
6) bis(2-Chloroethyl)ether	8.06	93	11865	0.79	ng	100
9) Nitrobenzene	9.93	77	10857	0.90	ng	100
10) Naphthalene	11.57	128	45078	1.00	ng	100
11) Hexachlorobutadiene	11.81	225	7125	0.96	ng	100
12) 2-Methylnaphthalene	13.14	142	30203	1.11	ng	100
16) Acenaphthylene	14.99	152	47077	0.27	ng	100
17) Acenaphthene	15.32	154	29313	0.98	ng	# 100
18) Fluorene	16.30	166	36774	0.99	ng	100
20) 4-Bromophenyl-phenylether	17.13	248	11811	1.28	ng	99
21) Hexachlorobenzene	17.29	284	13380	0.32	ng	# 100
22) Pentachlorophenol	17.64	266	880	0.28	ng	100
23) Phenanthrene	18.00	178	66693	1.10	ng	100
24) Anthracene	18.10	178	55204	1.03	ng	100
25) Fluoranthene	19.97	202	70912	0.99	ng	100
27) Benzidine	20.14	184	33123	3.38	ng	100
28) Pyrene	20.33	202	75441	1.05	ng	100
30) Benzo(a)anthracene	22.04	228	73315	1.10	ng	100
31) 3,3'-Dichlorobenzidine	21.95	252	29047	2.13	ng	100
32) Chrysene	22.04	228	73315	0.88	ng	97
33) Bis(2-ethylhexyl)phthalate	21.87	149	56653	1.84	ng	100
34) Indeno(1,2,3-cd)pyrene	27.35	276	85923	1.23	ng	100
36) Benzo(b)fluoranthene	23.83	252	80345	1.26	ng	100
37) Benzo(k)fluoranthene	23.89	252	71254	0.86	ng	100
38) Benzo(a)pyrene	24.52	252	70509	1.19	ng	100
39) Dibenzo(a,h)anthracene	27.34	278	68651	1.18	ng	100
40) Benzo(g,h,i)perylene	28.20	276	71151	1.13	ng	100

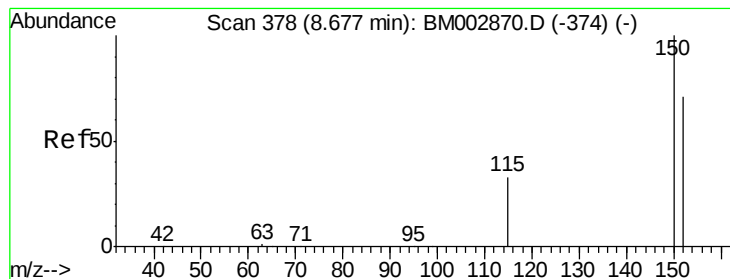
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.68 min Scan# 378

Delta R.T. 0.00 min

Lab File: BM002870.D

Acq: 08 Oct 2015 19:09

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

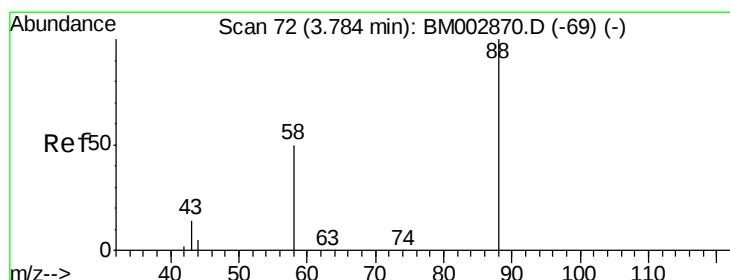
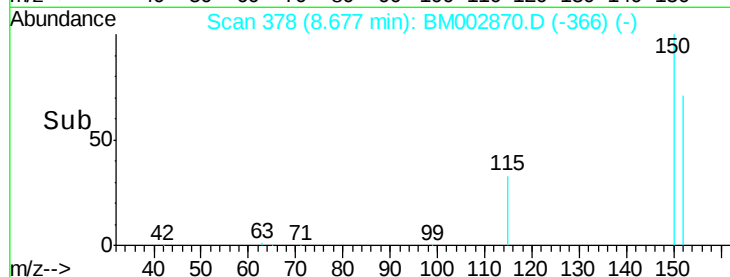
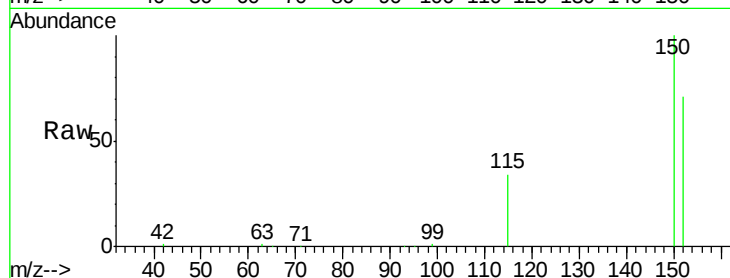
Tot Ion:152 Resp: 50692

Ion Ratio Lower Upper

152 100

150 141.3 113.0 169.6

115 47.4 37.9 56.9



#2

1,4-Dioxane

Concen: 0.54 ng

RT: 3.78 min Scan# 72

Delta R.T. 0.00 min

Lab File: BM002870.D

Acq: 08 Oct 2015 19:09

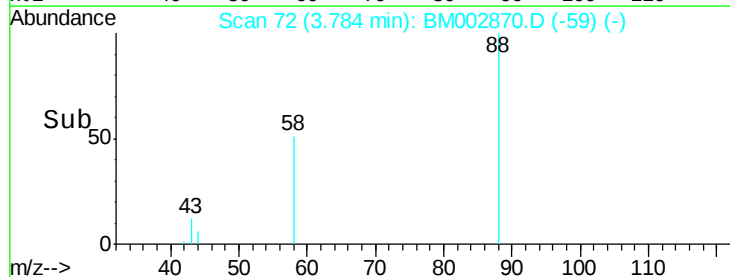
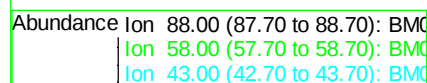
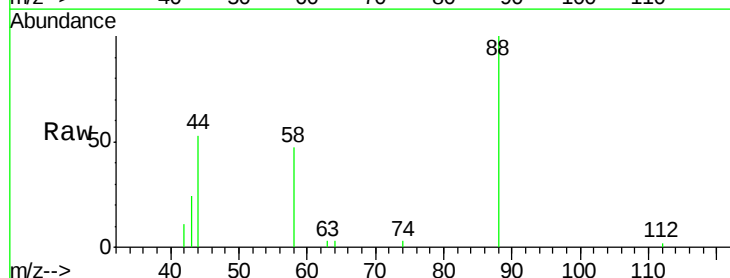
Tgt Ion: 88 Resp: 4691

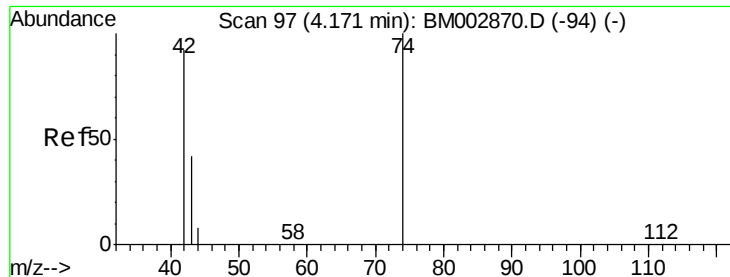
Ion Ratio Lower Upper

88 100

58 70.9 56.7 85.1

43 27.5 22.0 33.0





#3

n-Nitrosodimethylamine

Concen: 0.48 ng

RT: 4.17 min Scan# 97

Delta R.T. 0.00 min

Lab File: BM002870.D

Acq: 08 Oct 2015 19:09

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

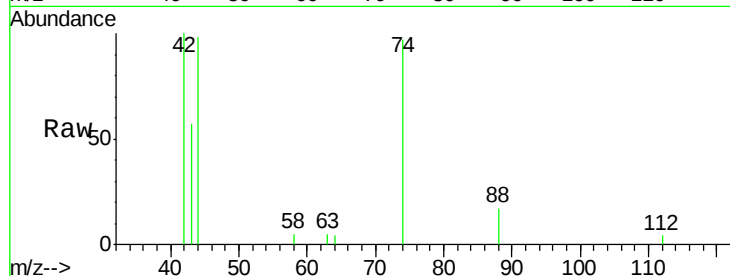
Tot Ion: 42 Resp: 4060

Ion Ratio Lower Upper

42 100

74 150.5 119.7 179.5

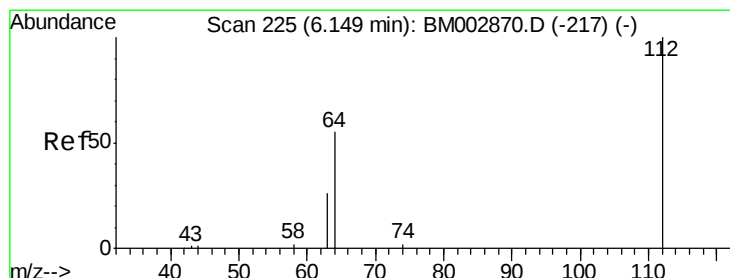
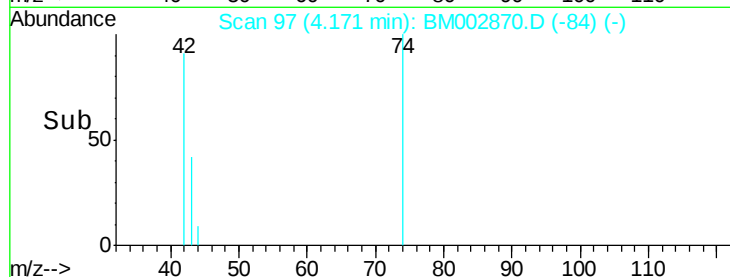
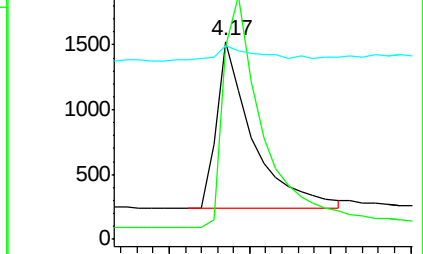
44 12.0 9.8 14.6



Abundance Ion 42.00 (41.70 to 42.70): BM002870.D (-94) (-)

Ion 74.00 (73.70 to 74.70): BM002870.D (-94) (-)

Ion 44.00 (43.70 to 44.70): BM002870.D (-94) (-)



#4

2-Fluorophenol

Concen: 0.92 ng

RT: 6.15 min Scan# 225

Delta R.T. 0.00 min

Lab File: BM002870.D

Acq: 08 Oct 2015 19:09

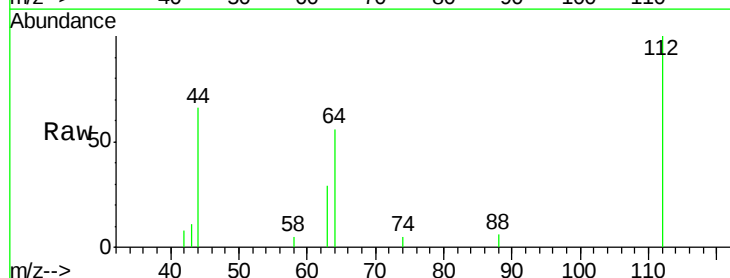
Tgt Ion: 112 Resp: 9742

Ion Ratio Lower Upper

112 100

64 52.5 42.0 63.0

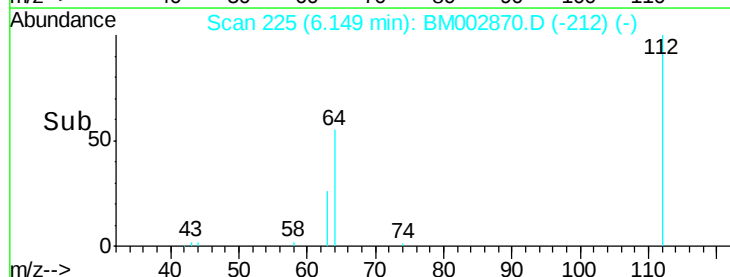
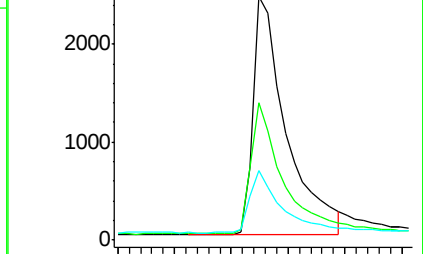
63 25.0 20.0 30.0

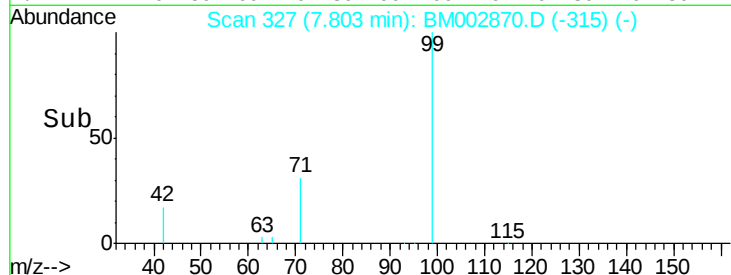
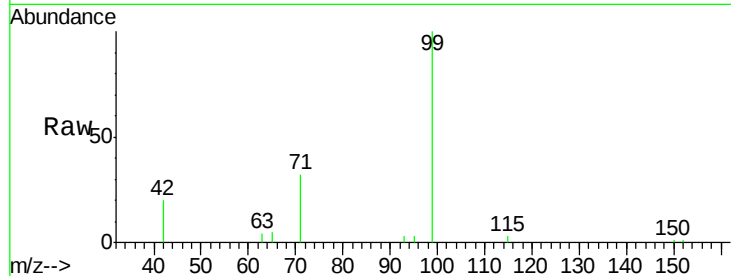
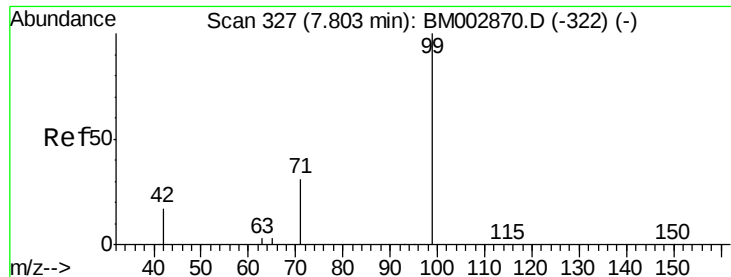


Abundance Ion 112.00 (111.70 to 112.70): BM002870.D (-217) (-)

Ion 64.00 (63.70 to 64.70): BM002870.D (-217) (-)

Ion 63.00 (62.70 to 63.70): BM002870.D (-217) (-)





#5

Phenol-d6

Concen: 0.98 ng

RT: 7.80 min Scan# 327

Delta R.T. 0.00 min

Lab File: BM002870.D

Acq: 08 Oct 2015 19:09

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

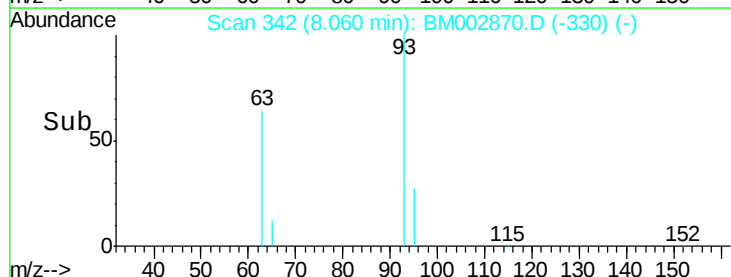
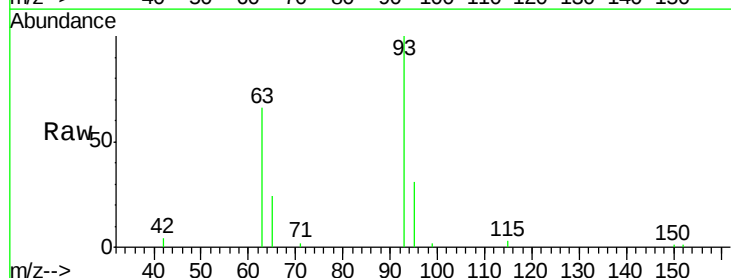
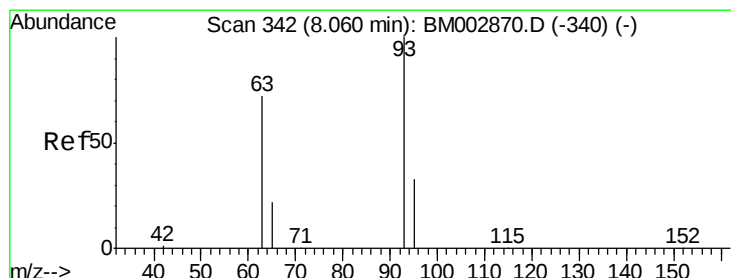
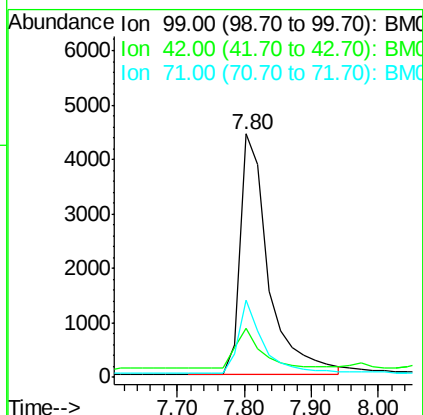
Tot Ion: 99 Resp: 12927

Ion Ratio Lower Upper

99 100

42 15.5 12.4 18.6

71 26.7 21.4 32.0



#6

bis(2-Chloroethyl)ether

Concen: 0.79 ng

RT: 8.06 min Scan# 342

Delta R.T. 0.00 min

Lab File: BM002870.D

Acq: 08 Oct 2015 19:09

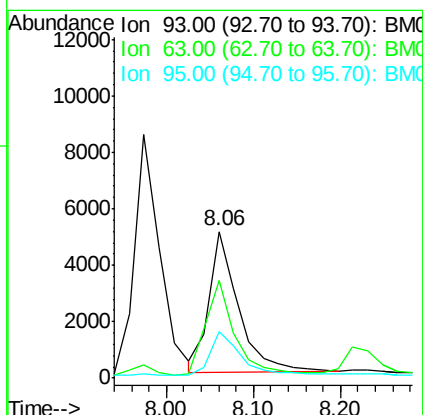
Tgt Ion: 93 Resp: 11865

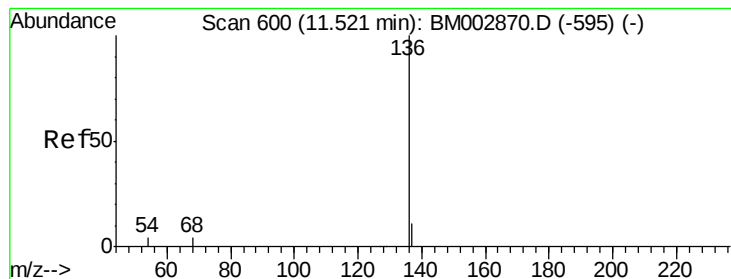
Ion Ratio Lower Upper

93 100

63 66.1 52.9 79.3

95 31.5 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: BM002870.D

Acq: 08 Oct 2015 19:09

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

Tot Ion:136 Resp: 208823

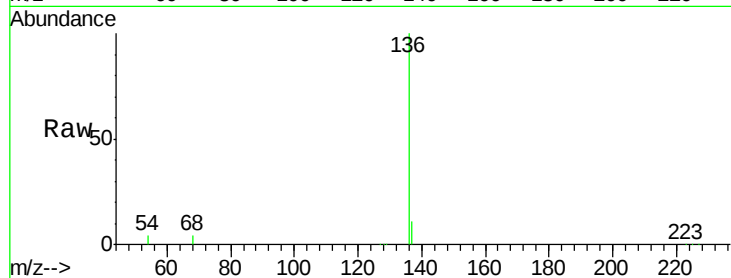
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 4.4 3.5 5.3

68 4.1 3.3 4.9

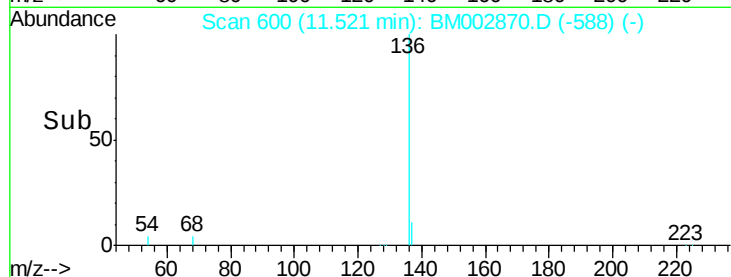


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

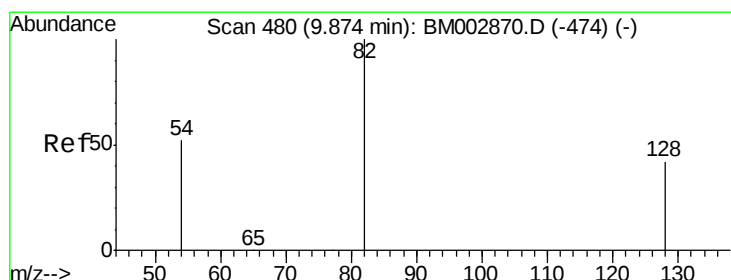
Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



Time-->

11.52



#8

Nitrobenzene-d5

Concen: 0.92 ng

RT: 9.87 min Scan# 480

Delta R.T. 0.00 min

Lab File: BM002870.D

Acq: 08 Oct 2015 19:09

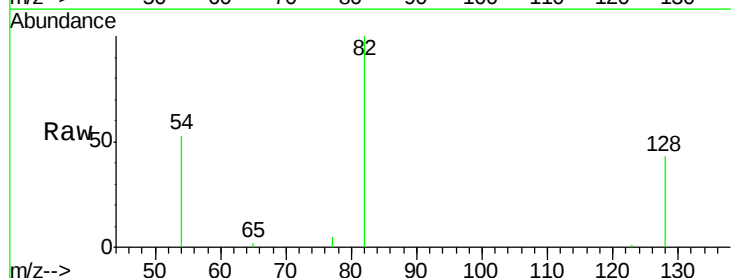
Tgt Ion: 82 Resp: 10333

Ion Ratio Lower Upper

82 100

128 42.6 34.1 51.1

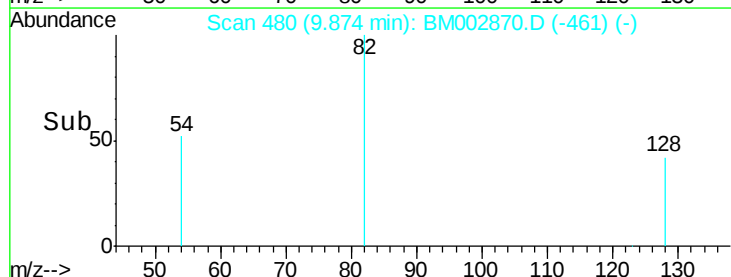
54 53.2 42.6 63.8



Abundance Ion 82.00 (81.70 to 82.70): BM

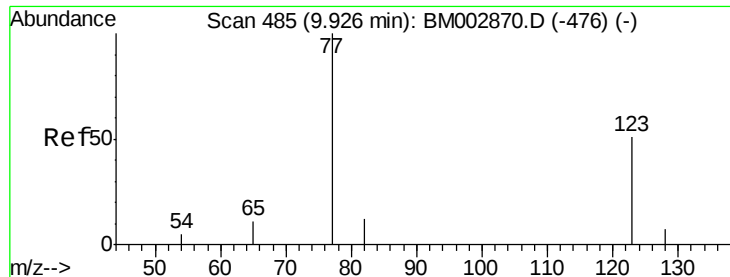
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM



Time-->

9.87



#9

Nitrobenzene

Concen: 0.90 ng

RT: 9.93 min Scan# 485

Delta R.T. 0.00 min

Lab File: BM002870.D

Acq: 08 Oct 2015 19:09

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

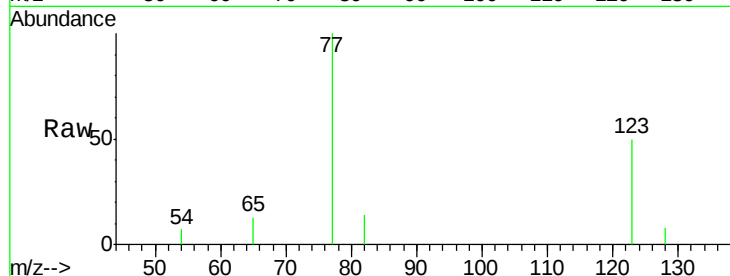
Tot Ion: 77 Resp: 10857

Ion Ratio Lower Upper

77 100

123 51.4 41.0 61.4

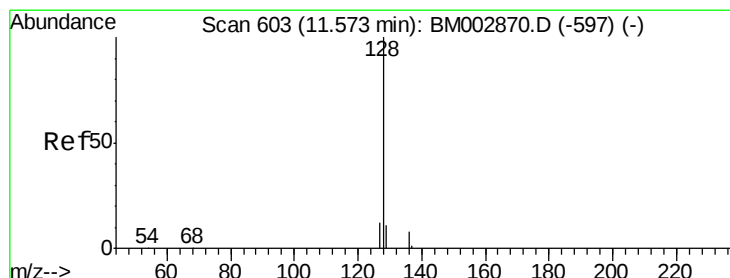
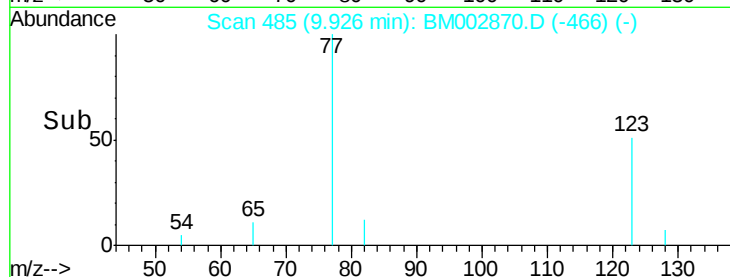
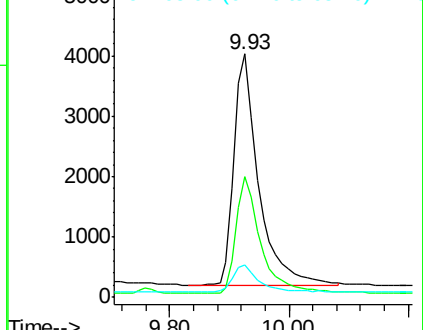
65 12.1 9.7 14.5



Abundance Ion 77.00 (76.70 to 77.70): 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: 1.00 ng

RT: 11.57 min Scan# 603

Delta R.T. 0.00 min

Lab File: BM002870.D

Acq: 08 Oct 2015 19:09

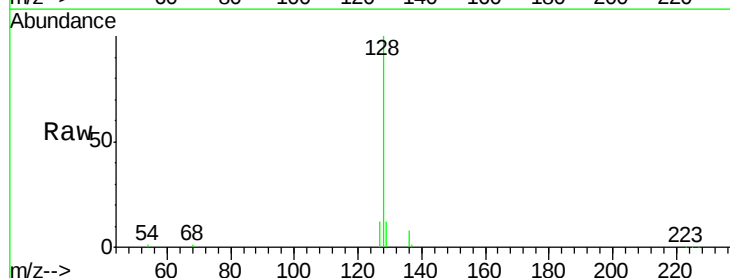
Tgt Ion: 128 Resp: 45078

Ion Ratio Lower Upper

128 100

129 11.8 9.4 14.2

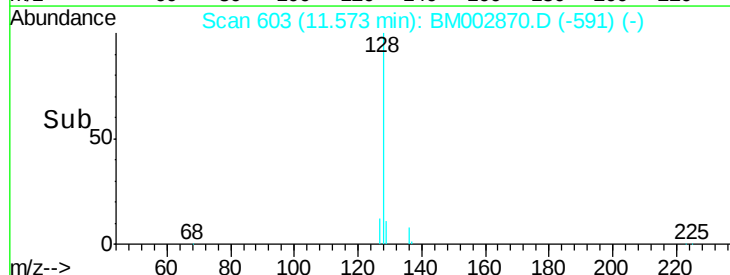
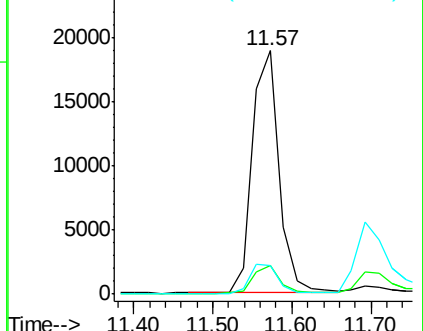
127 12.0 9.6 14.4

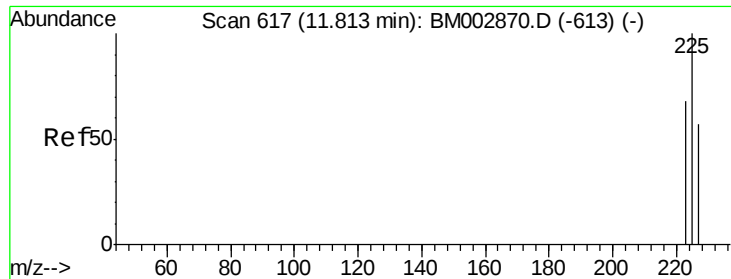


Abundance Ion 128.00 (127.70 to 128.70): BM002870.D (-597) (-)

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

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

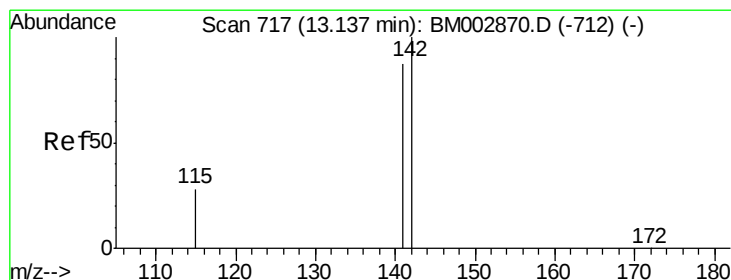
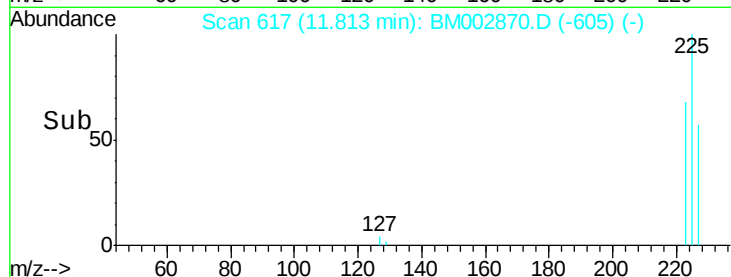
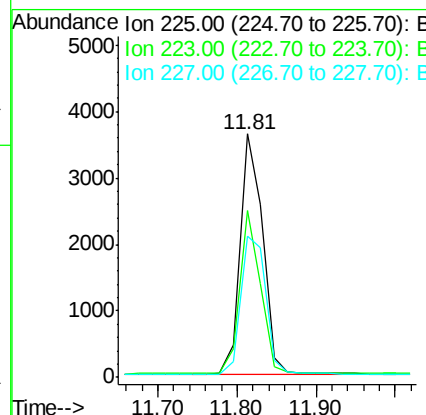
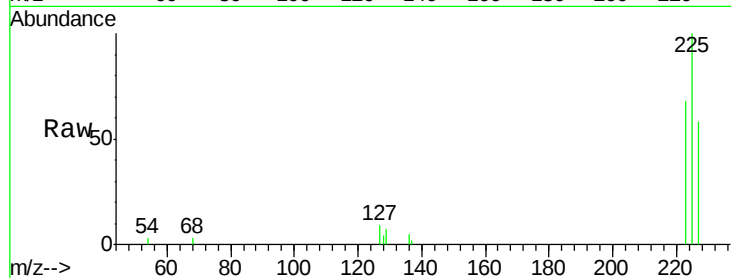




#11
Hexachlorobutadiene
Concen: 0.96 ng
RT: 11.81 min Scan# 617
Delta R.T. 0.00 min
Lab File: BM002870.D
Acq: 08 Oct 2015 19:09

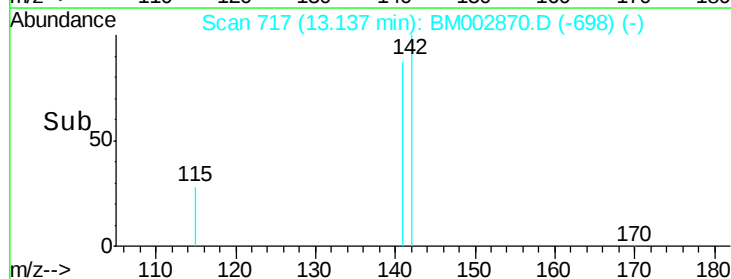
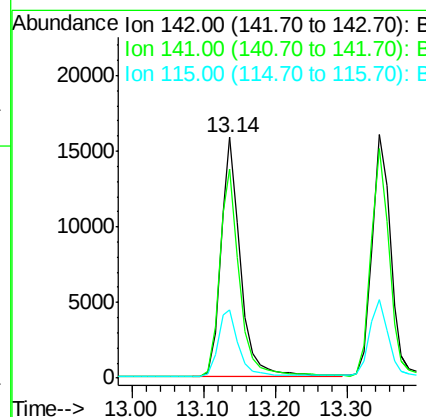
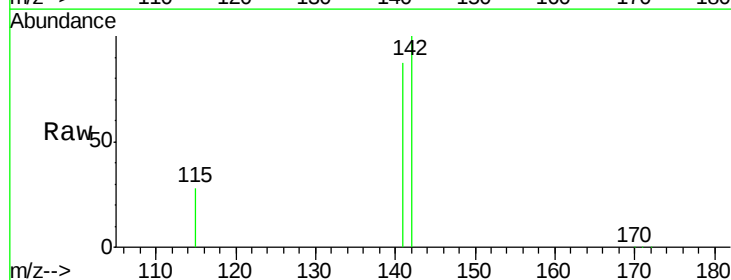
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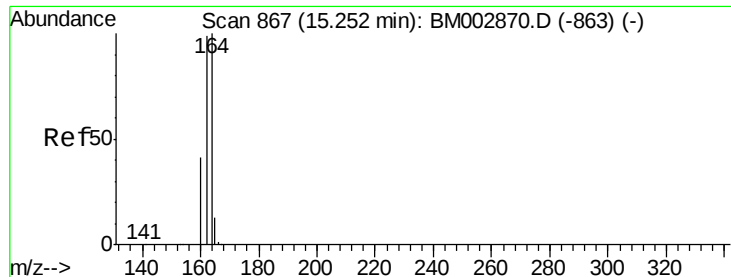
Tot Ion:225 Resp: 7125
Ion Ratio Lower Upper
225 100
223 62.6 50.1 75.1
227 64.0 51.2 76.8



#12
2-Methylnaphthalene
Concen: 1.11 ng
RT: 13.14 min Scan# 717
Delta R.T. 0.00 min
Lab File: BM002870.D
Acq: 08 Oct 2015 19:09

Tgt Ion:142 Resp: 30203
Ion Ratio Lower Upper
142 100
141 86.7 69.4 104.0
115 28.4 22.7 34.1





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 15.25 min Scan# 867

Delta R.T. 0.00 min

Lab File: BM002870.D

Acq: 08 Oct 2015 19:09

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

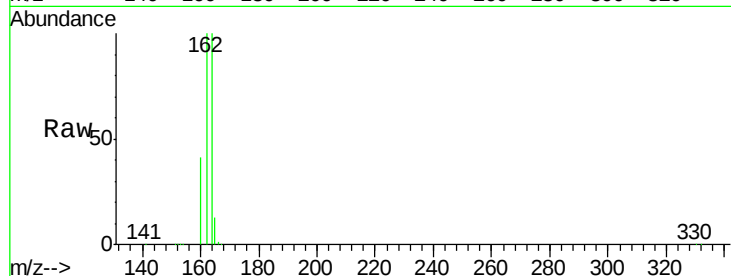
Tot Ion:164 Resp: 111863

Ion Ratio Lower Upper

164 100

162 99.5 79.6 119.4

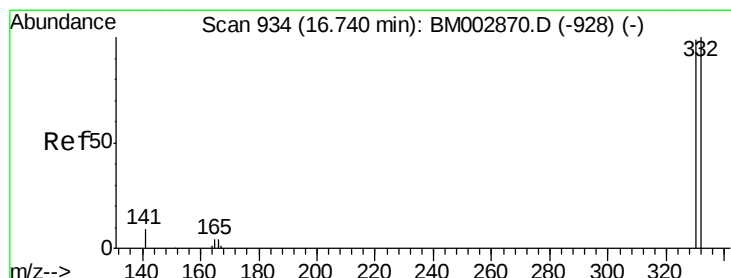
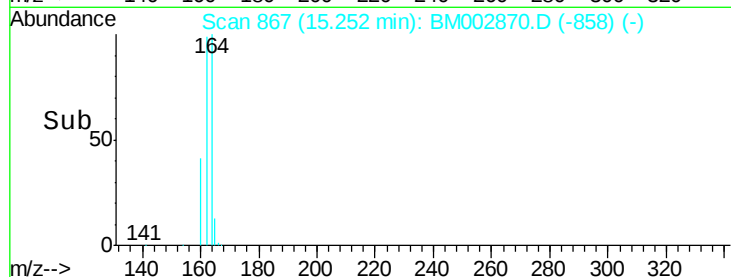
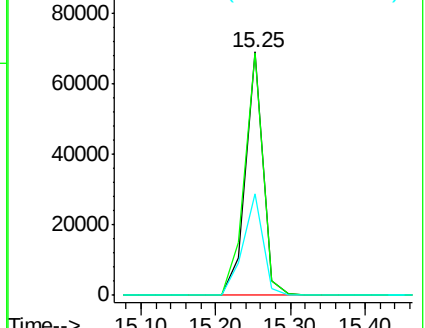
160 41.4 33.1 49.7



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: 0.95 ng

RT: 16.74 min Scan# 934

Delta R.T. 0.00 min

Lab File: BM002870.D

Acq: 08 Oct 2015 19:09

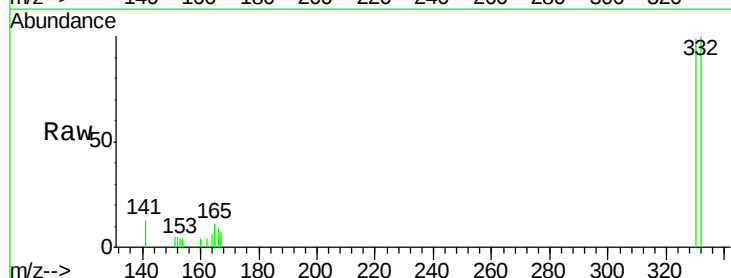
Tgt Ion:330 Resp: 3439

Ion Ratio Lower Upper

330 100

332 95.9 76.6 115.0

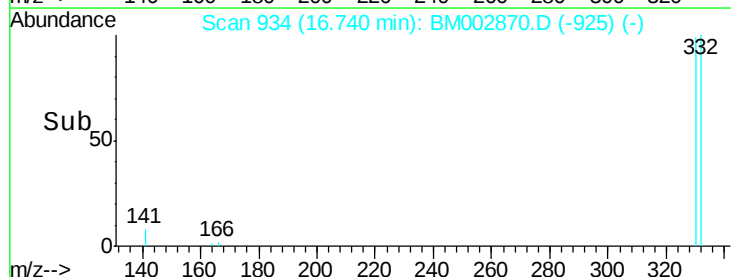
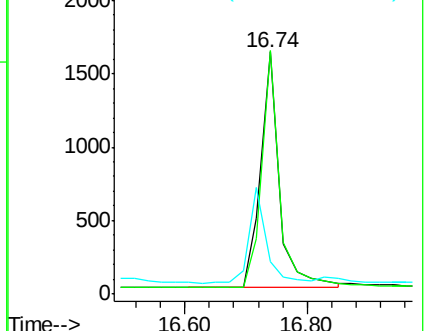
141 0.0 0.0 0.0

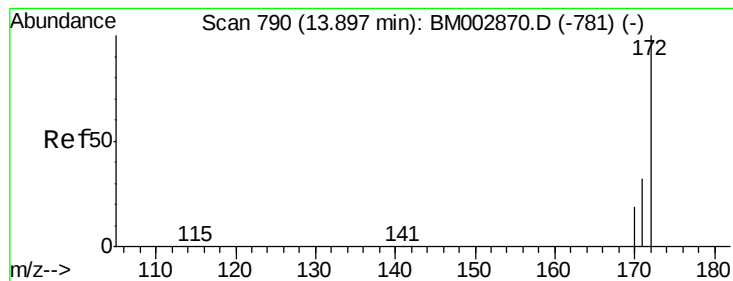


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

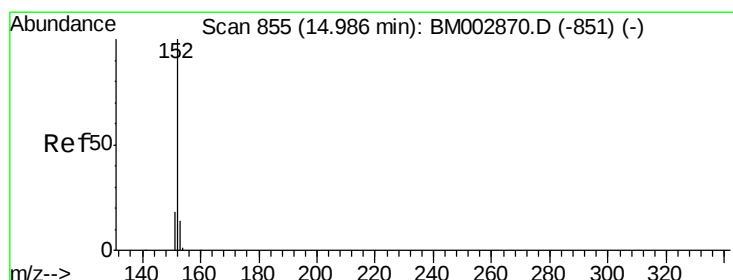
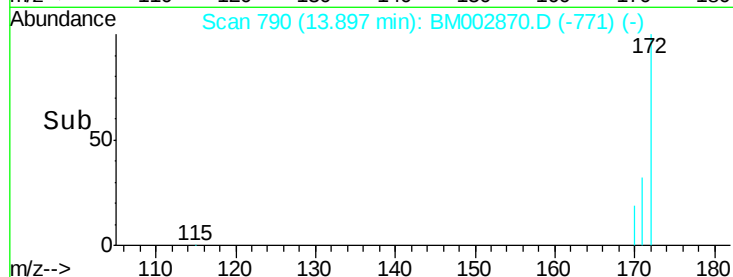
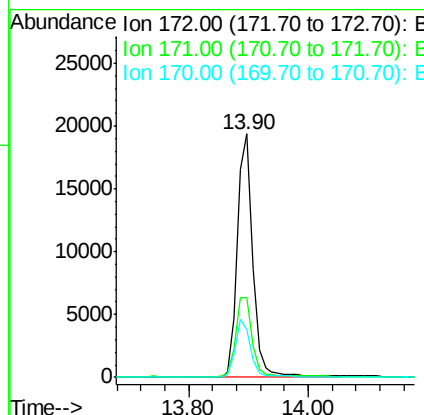
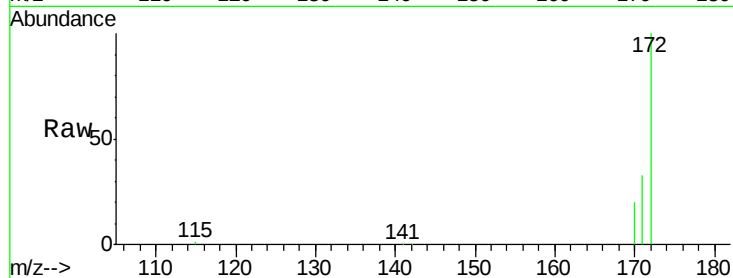




#15
2-Fluorobiphenyl
Concen: 1.09 ng
RT: 13.90 min Scan# 790
Delta R.T. 0.00 min
Lab File: BM002870.D
Acq: 08 Oct 2015 19:09

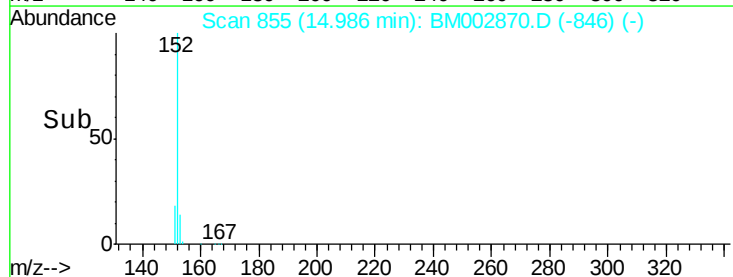
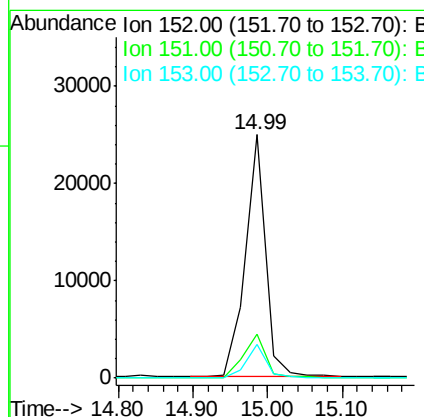
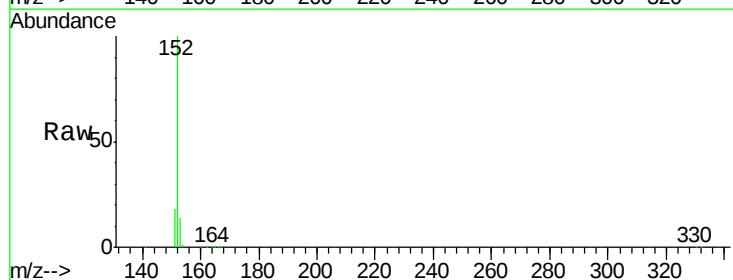
Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

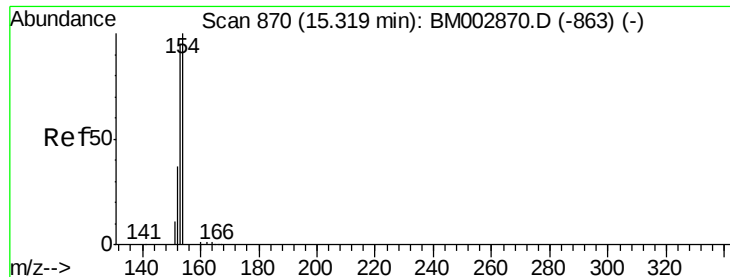
Tot Ion:172 Resp: 33828
Ion Ratio Lower Upper
172 100
171 32.6 26.1 39.1
170 19.6 15.7 23.5



#16
Acenaphthylene
Concen: 0.27 ng
RT: 14.99 min Scan# 855
Delta R.T. 0.00 min
Lab File: BM002870.D
Acq: 08 Oct 2015 19:09

Tgt Ion:152 Resp: 47077
Ion Ratio Lower Upper
152 100
151 19.1 15.3 22.9
153 13.1 10.5 15.7

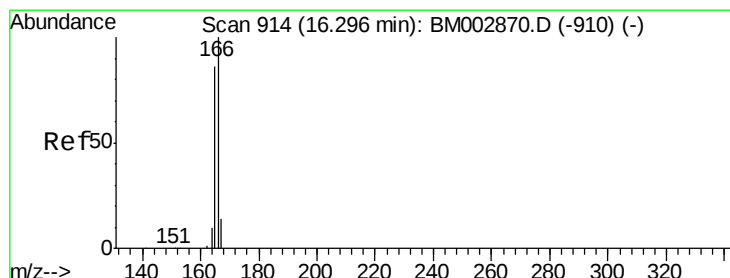
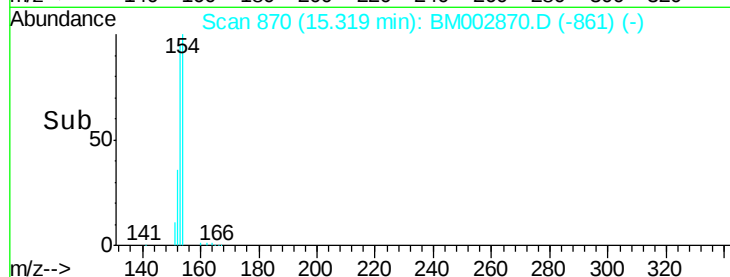
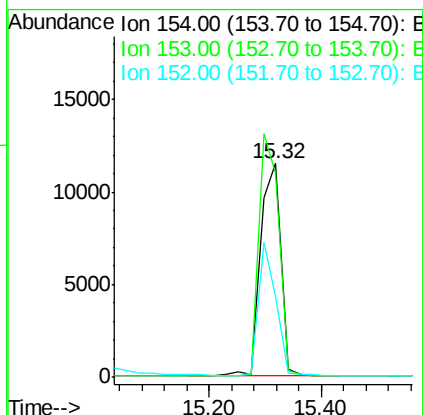
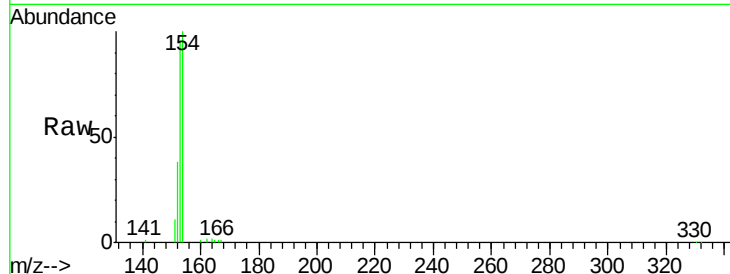




#17
Acenaphthene
Concen: 0.98 ng
RT: 15.32 min Scan# 870
Delta R.T. 0.00 min
Lab File: BM002870.D
Acq: 08 Oct 2015 19:09

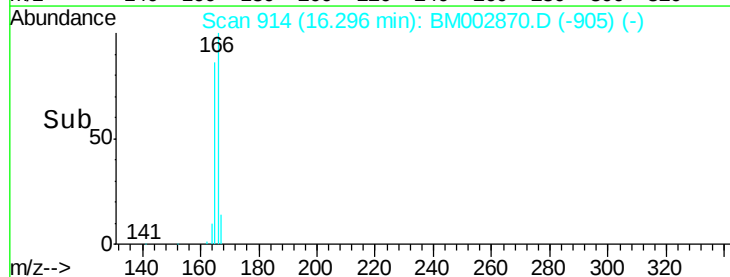
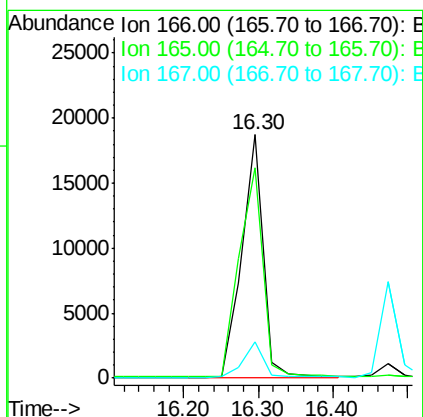
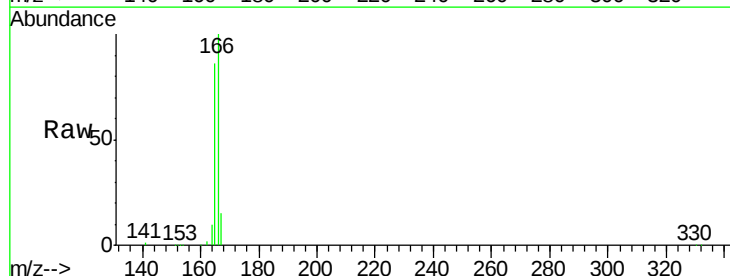
Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

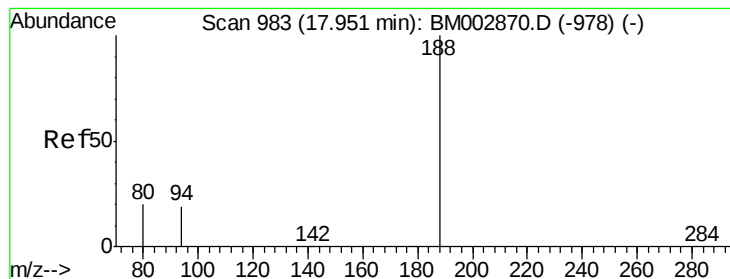
Tot Ion:154 Resp: 29313
Ion Ratio Lower Upper
154 100
153 0.0 0.0 0.0
152 0.0 0.0 0.0



#18
Fluorene
Concen: 0.99 ng
RT: 16.30 min Scan# 914
Delta R.T. 0.00 min
Lab File: BM002870.D
Acq: 08 Oct 2015 19:09

Tgt Ion:166 Resp: 36774
Ion Ratio Lower Upper
166 100
165 96.6 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: BM002870.D

Acq: 08 Oct 2015 19:09

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

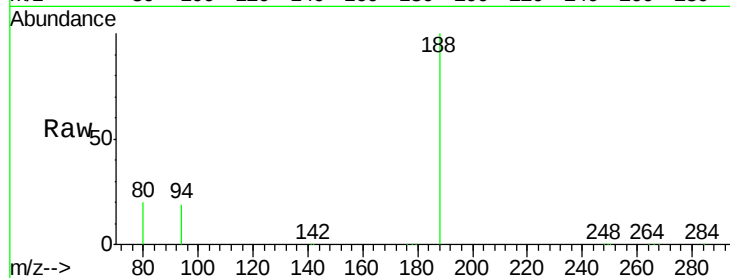
Tot Ion:188 Resp: 233179

Ion Ratio Lower Upper

188 100

94 19.0 15.2 22.8

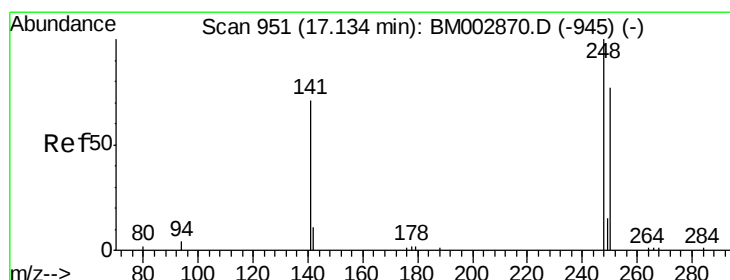
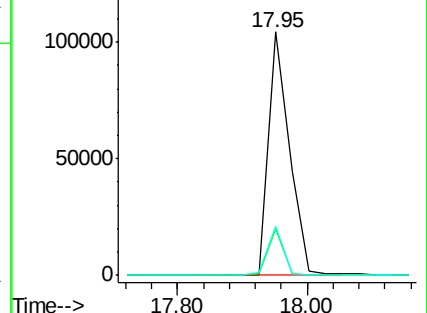
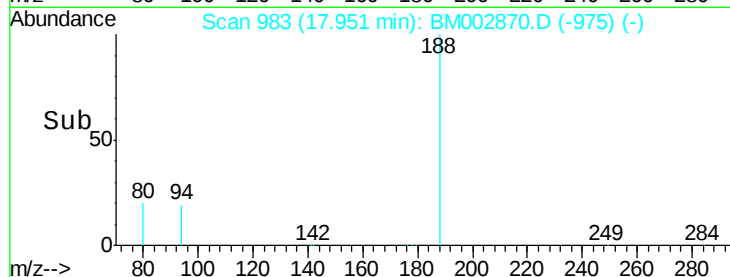
80 19.9 15.9 23.9



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: 1.28 ng

RT: 17.13 min Scan# 951

Delta R.T. 0.00 min

Lab File: BM002870.D

Acq: 08 Oct 2015 19:09

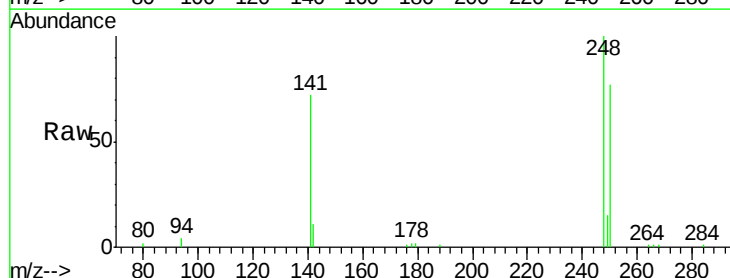
Tgt Ion:248 Resp: 11811

Ion Ratio Lower Upper

248 100

250 89.5 71.4 107.2

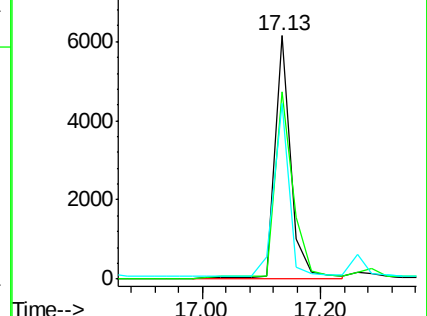
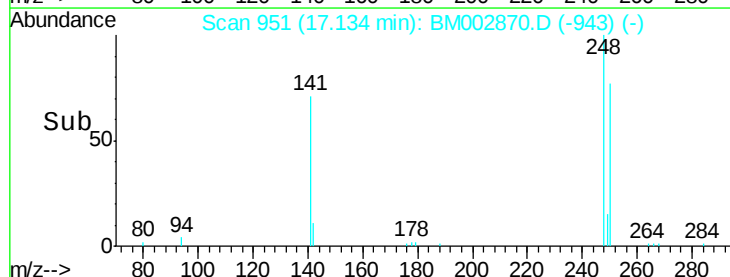
141 67.5 54.6 82.0

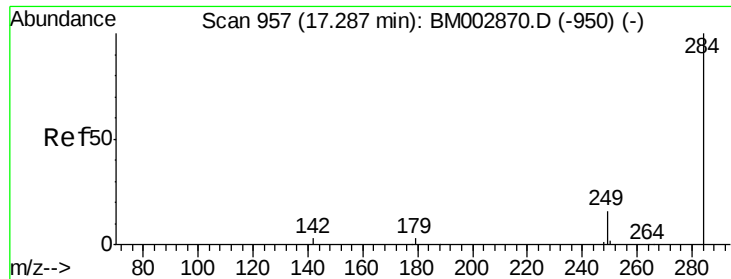


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

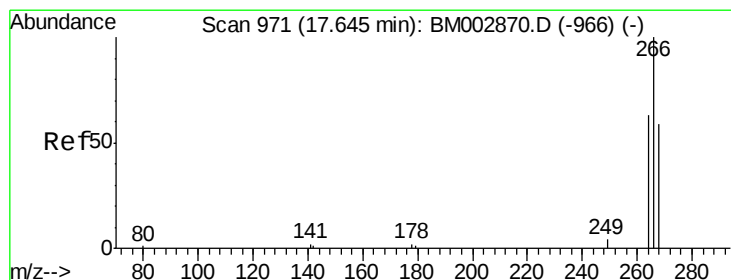
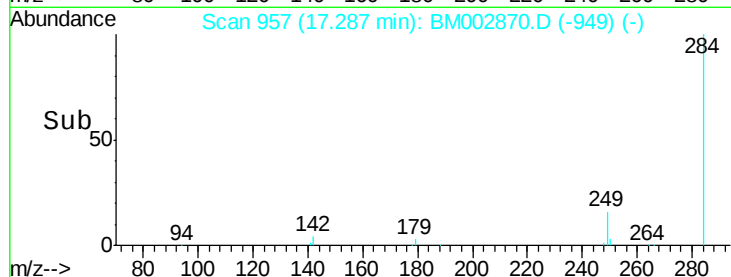
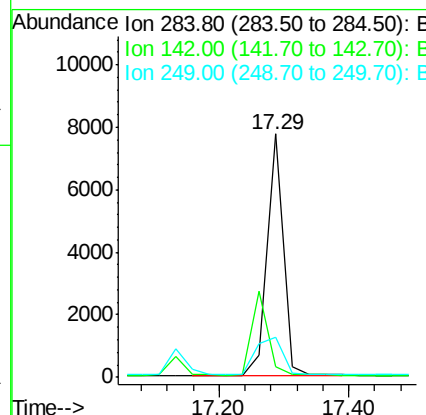
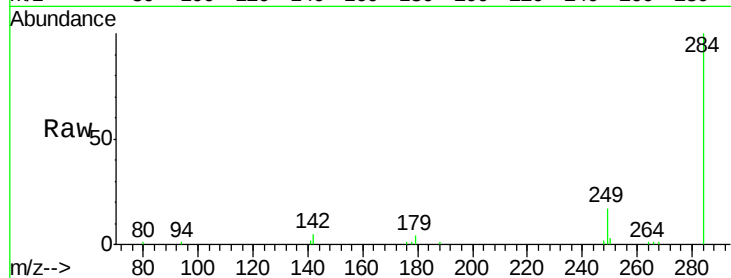




#21
Hexachlorobenzene
Concen: 0.32 ng
RT: 17.29 min Scan# 957
Delta R.T. 0.00 min
Lab File: BM002870.D
Acq: 08 Oct 2015 19:09

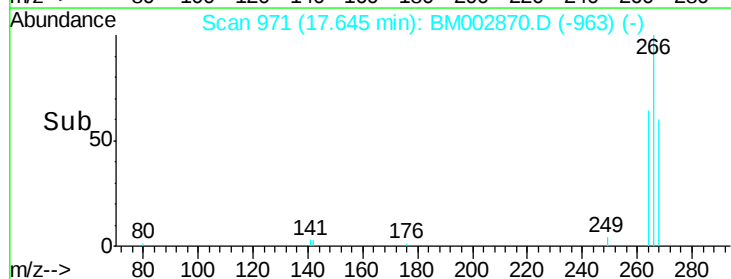
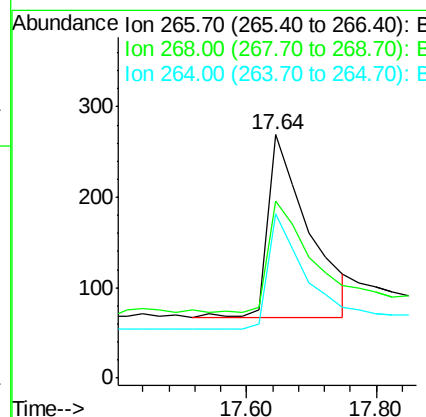
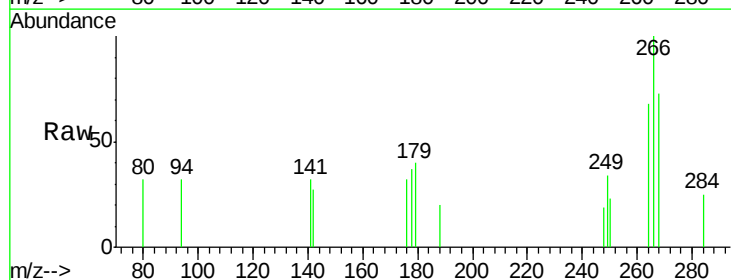
Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

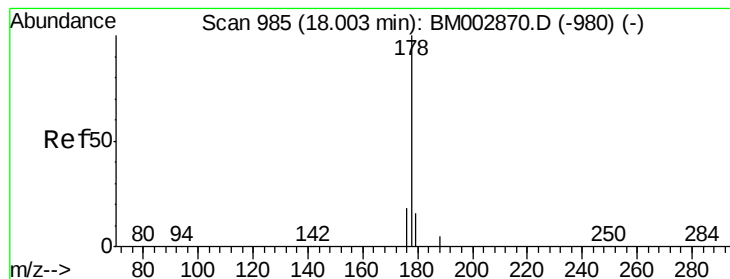
Tot Ion:284 Resp: 13380
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 25.9 20.7 31.1



#22
Pentachlorophenol
Concen: 0.28 ng
RT: 17.64 min Scan# 971
Delta R.T. 0.00 min
Lab File: BM002870.D
Acq: 08 Oct 2015 19:09

Tgt Ion:266 Resp: 880
Ion Ratio Lower Upper
266 100
268 72.9 58.3 87.5
264 67.7 54.2 81.2





#23

Phenanthrene

Concen: 1.10 ng

RT: 18.00 min Scan# 985

Delta R.T. 0.00 min

Lab File: BM002870.D

Acq: 08 Oct 2015 19:09

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

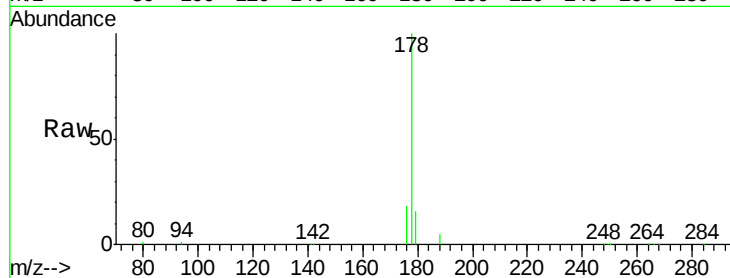
Tot Ion:178 Resp: 66693

Ion Ratio Lower Upper

178 100

176 18.2 14.6 21.8

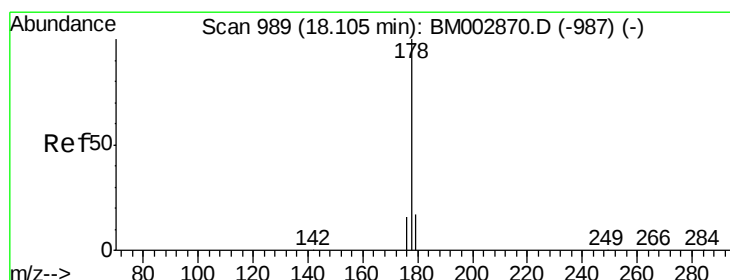
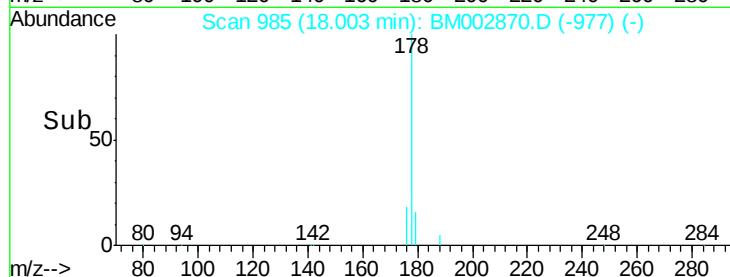
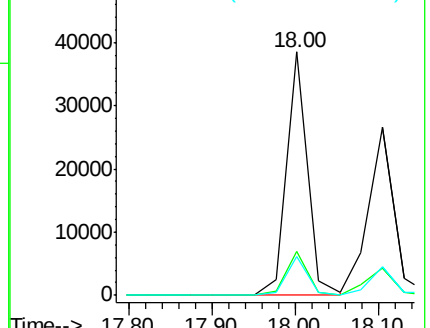
179 15.6 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 1.03 ng

RT: 18.10 min Scan# 989

Delta R.T. 0.00 min

Lab File: BM002870.D

Acq: 08 Oct 2015 19:09

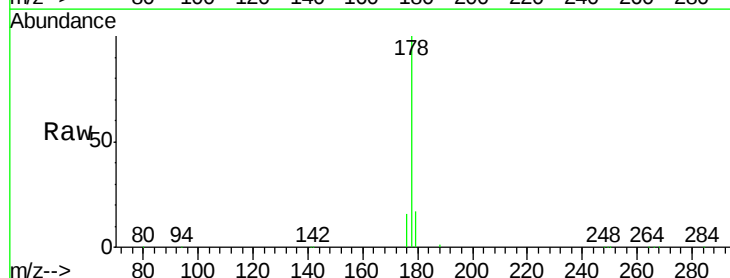
Tgt Ion:178 Resp: 55204

Ion Ratio Lower Upper

178 100

176 17.5 13.9 20.9

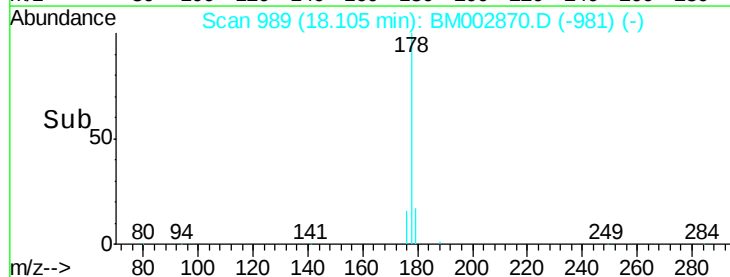
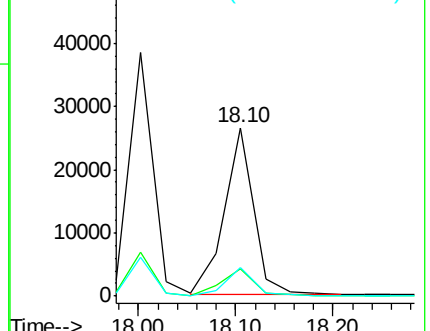
179 15.6 12.6 18.8

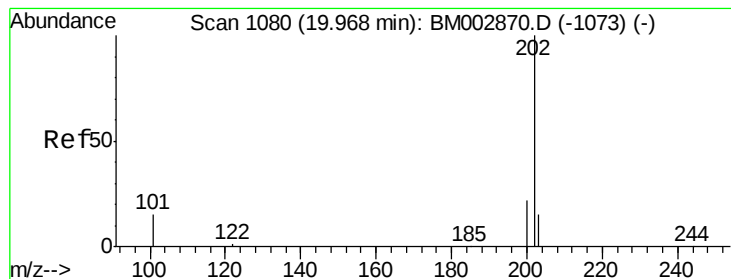


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 0.99 ng

RT: 19.97 min Scan# 1080

Delta R.T. 0.00 min

Lab File: BM002870.D

Acq: 08 Oct 2015 19:09

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

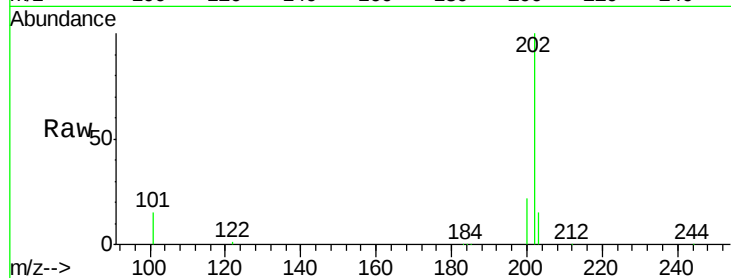
Tot Ion:202 Resp: 70912

Ion Ratio Lower Upper

202 100

101 13.8 11.0 16.6

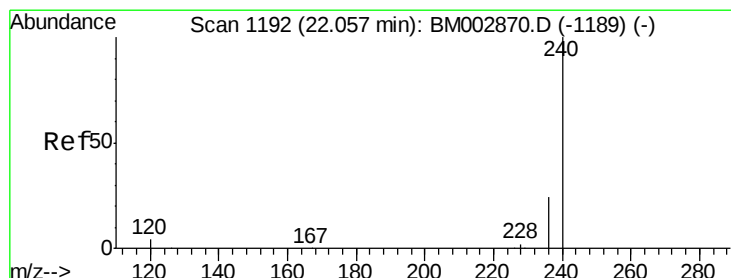
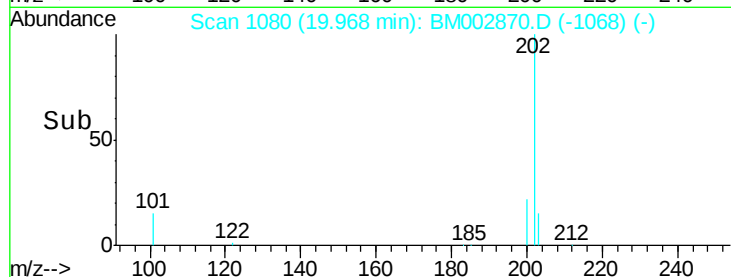
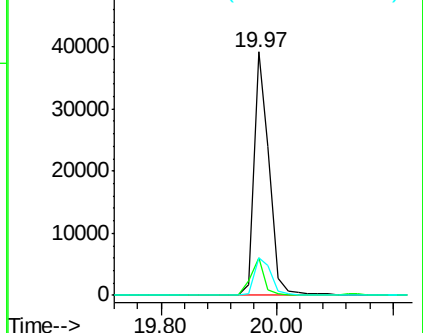
203 17.2 13.8 20.6



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: BM002870.D

Acq: 08 Oct 2015 19:09

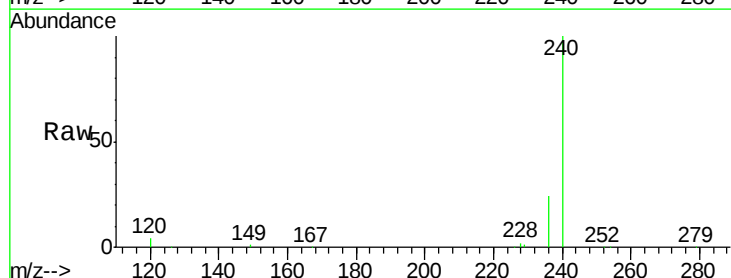
Tgt Ion:240 Resp: 274293

Ion Ratio Lower Upper

240 100

120 4.1 3.3 4.9

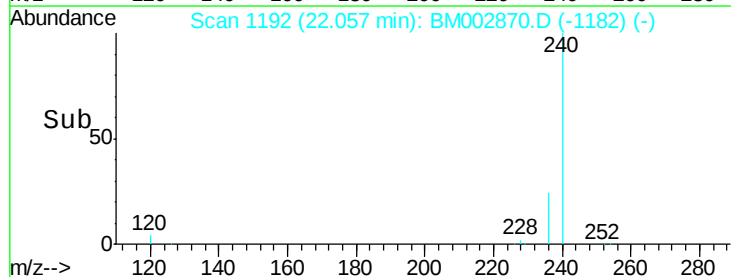
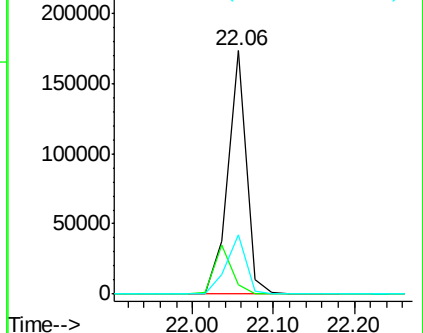
236 24.4 19.5 29.3

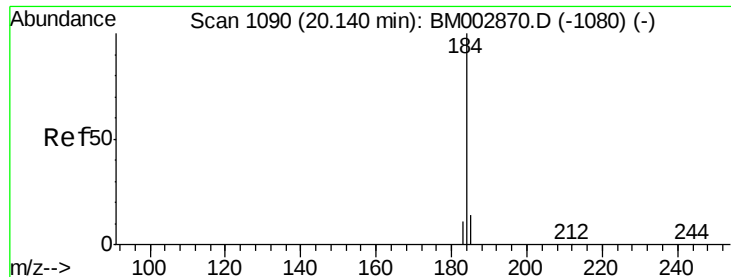


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 3.38 ng

RT: 20.14 min Scan# 1090

Delta R.T. 0.00 min

Lab File: BM002870.D

Acq: 08 Oct 2015 19:09

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

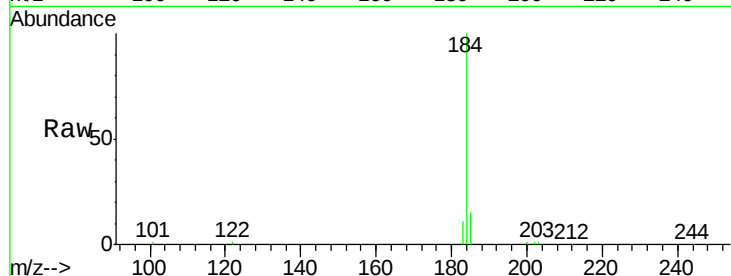
Tot Ion:184 Resp: 33123

Ion Ratio Lower Upper

184 100

185 15.0 12.0 18.0

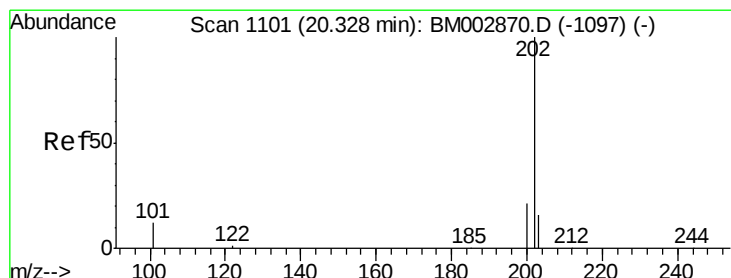
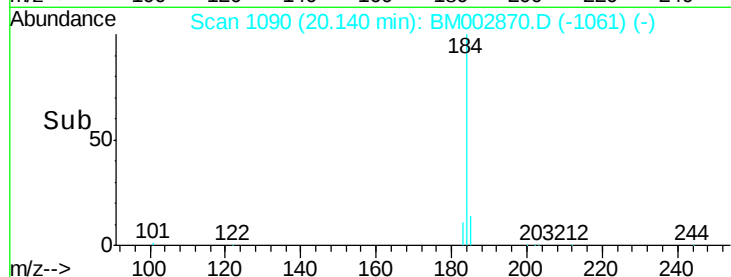
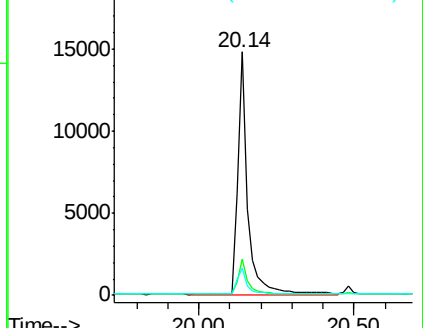
183 11.1 8.9 13.3



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: 1.05 ng

RT: 20.33 min Scan# 1101

Delta R.T. 0.00 min

Lab File: BM002870.D

Acq: 08 Oct 2015 19:09

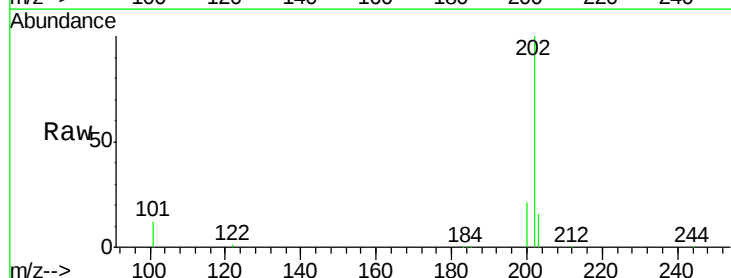
Tgt Ion:202 Resp: 75441

Ion Ratio Lower Upper

202 100

200 20.3 16.2 24.4

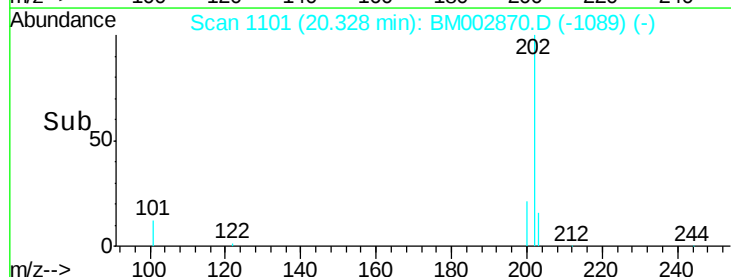
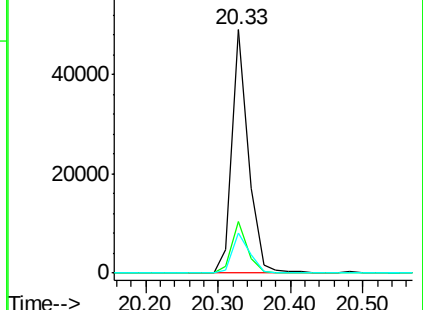
203 17.3 13.8 20.8

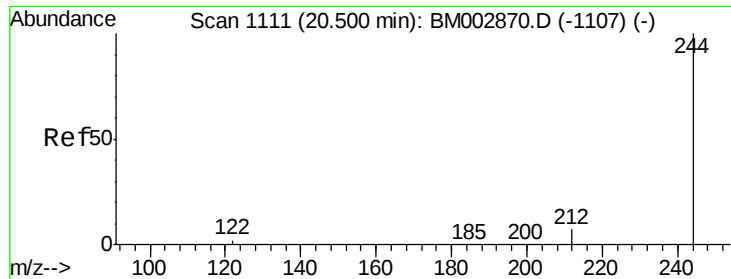


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 1.01 ng

RT: 20.50 min Scan# 1111

Delta R.T. 0.00 min

Lab File: BM002870.D

Acq: 08 Oct 2015 19:09

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

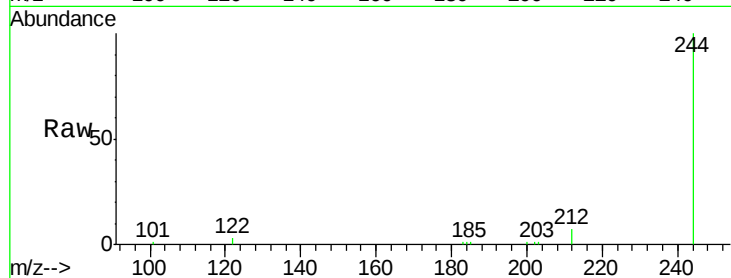
Tot Ion:244 Resp: 35871

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

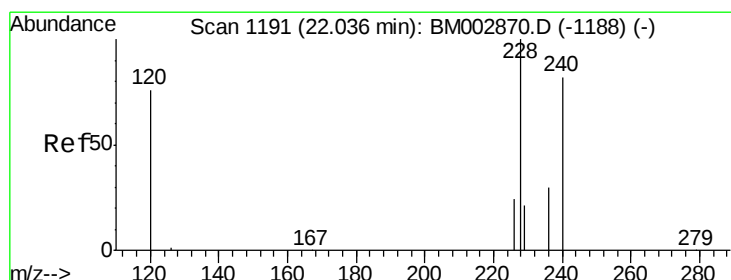
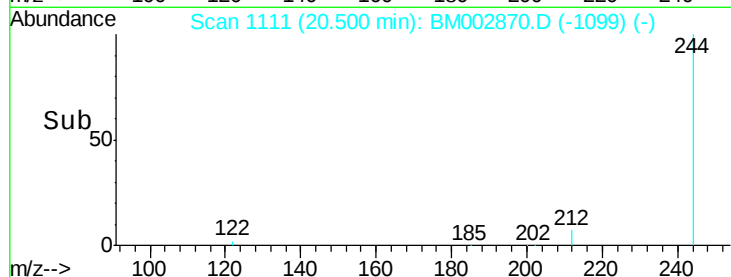
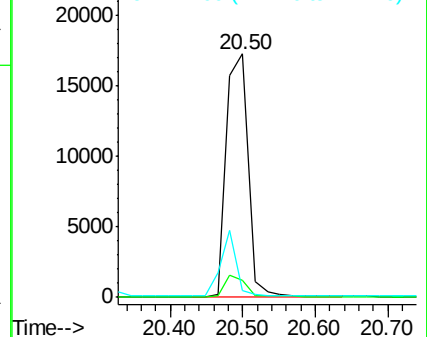
122 2.7 2.2 3.2



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: 1.10 ng

RT: 22.04 min Scan# 1191

Delta R.T. 0.00 min

Lab File: BM002870.D

Acq: 08 Oct 2015 19:09

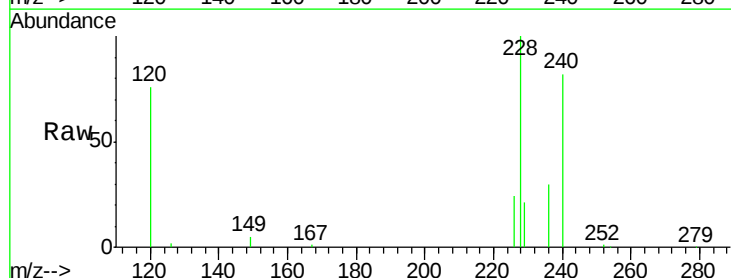
Tgt Ion:228 Resp: 73315

Ion Ratio Lower Upper

228 100

226 23.8 19.0 28.6

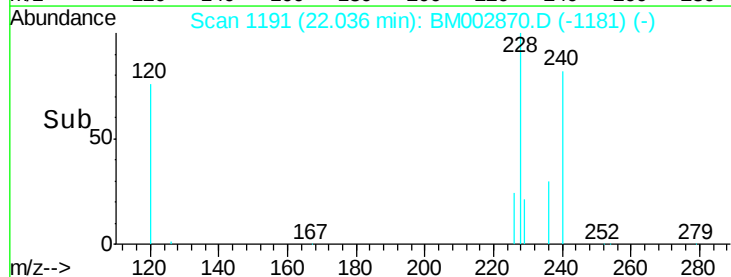
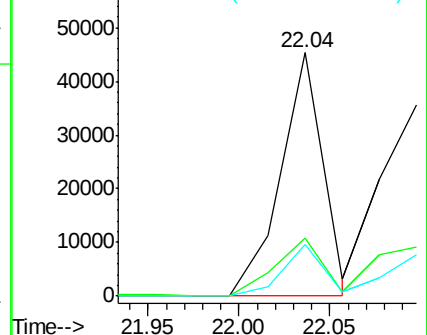
229 21.0 16.8 25.2

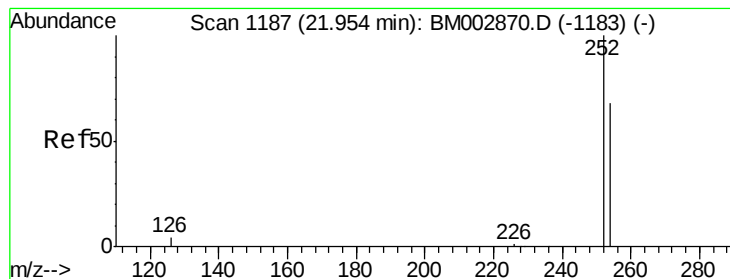


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

3,3'-Dichlorobenzidine

Concen: 2.13 ng

RT: 21.95 min Scan# 1187

Delta R.T. 0.00 min

Lab File: BM002870.D

Acq: 08 Oct 2015 19:09

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

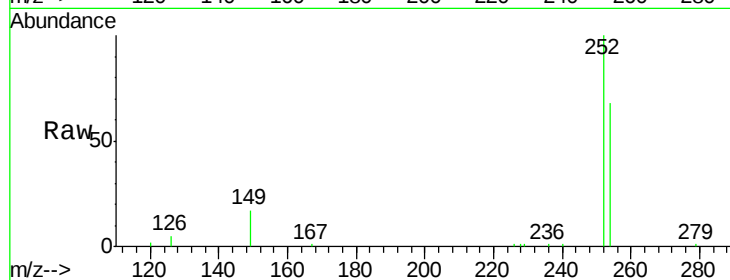
Tot Ion:252 Resp: 29047

Ion Ratio Lower Upper

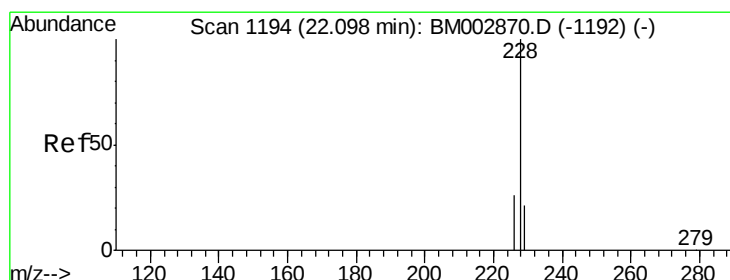
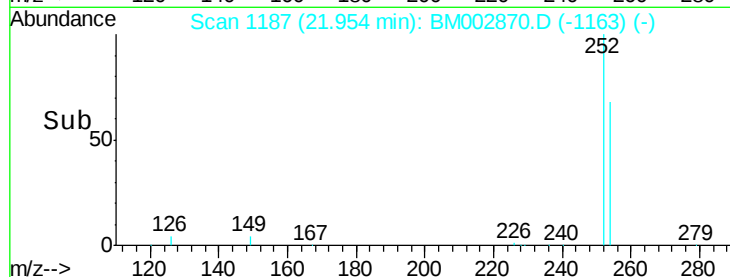
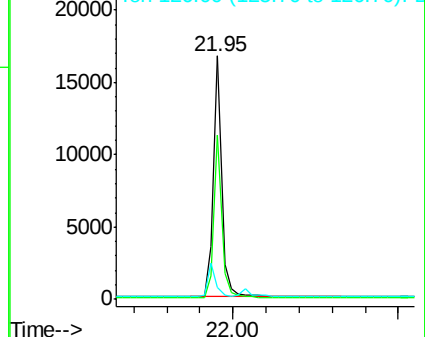
252 100

254 67.6 54.1 81.1

126 5.1 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: 0.88 ng

RT: 22.04 min Scan# 1191

Delta R.T. -0.06 min

Lab File: BM002870.D

Acq: 08 Oct 2015 19:09

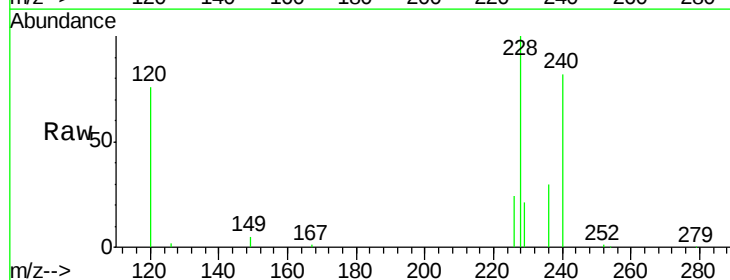
Tgt Ion:228 Resp: 73315

Ion Ratio Lower Upper

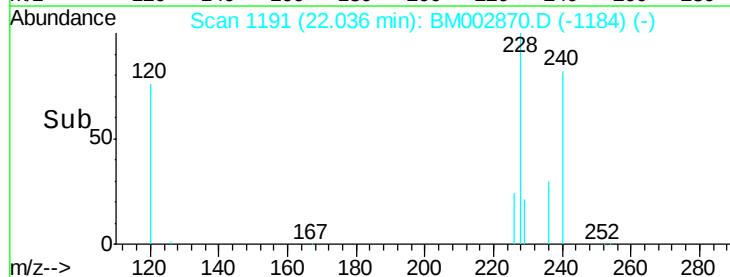
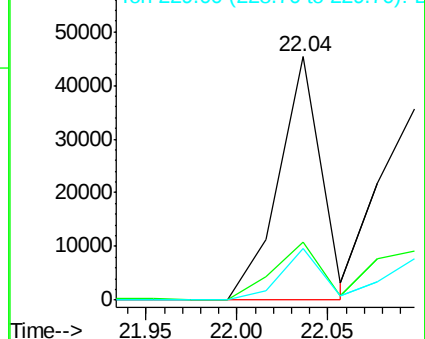
228 100

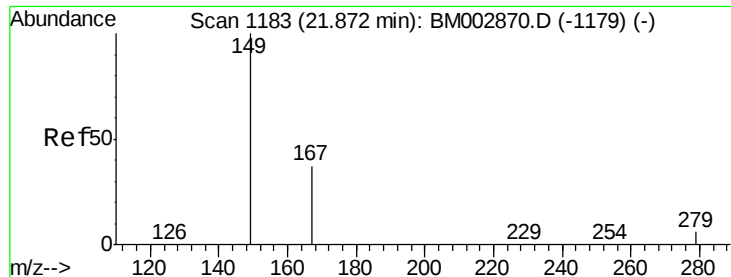
226 23.8 20.6 30.8

229 21.0 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: 1.84 ng

RT: 21.87 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BM002870.D

Acq: 08 Oct 2015 19:09

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

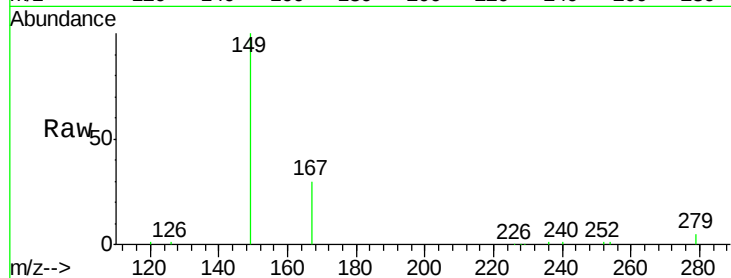
Tot Ion:149 Resp: 56653

Ion Ratio Lower Upper

149 100

167 21.5 17.2 25.8

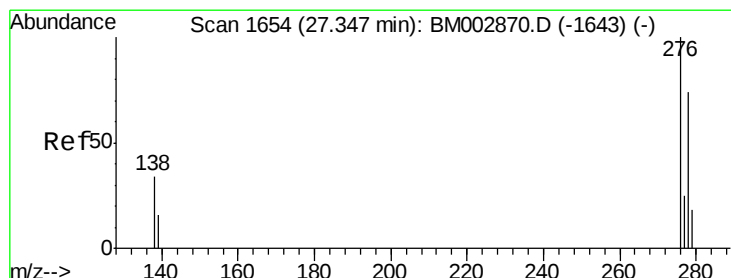
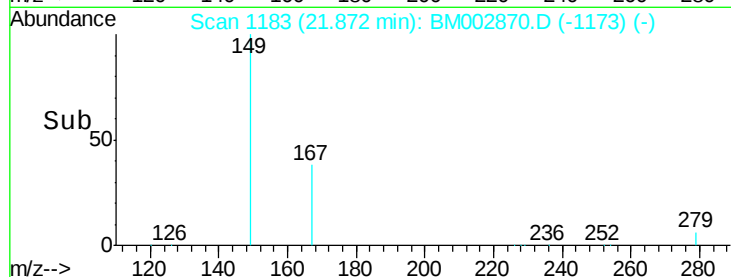
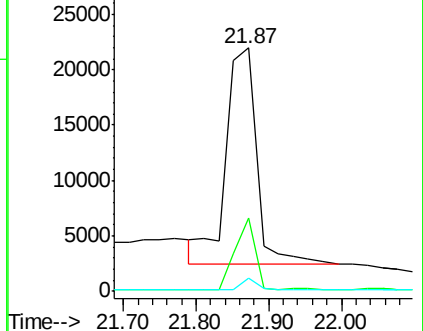
279 2.8 2.2 3.4



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: 1.23 ng

RT: 27.35 min Scan# 1654

Delta R.T. 0.00 min

Lab File: BM002870.D

Acq: 08 Oct 2015 19:09

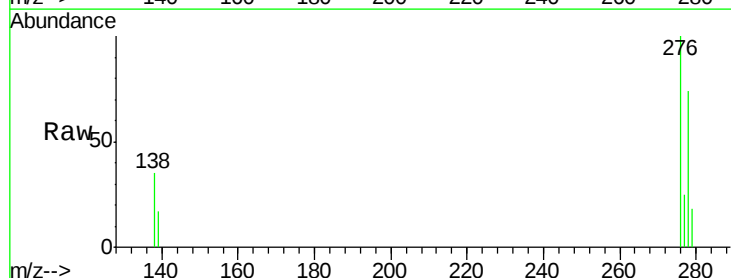
Tgt Ion:276 Resp: 85923

Ion Ratio Lower Upper

276 100

138 36.3 29.0 43.6

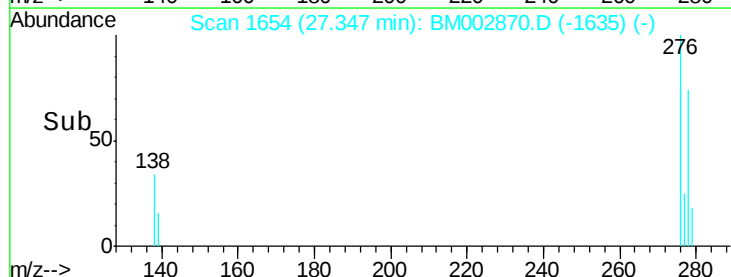
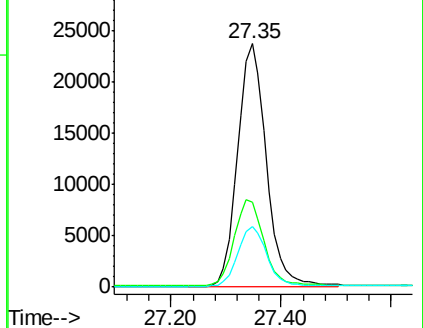
277 24.8 19.8 29.8

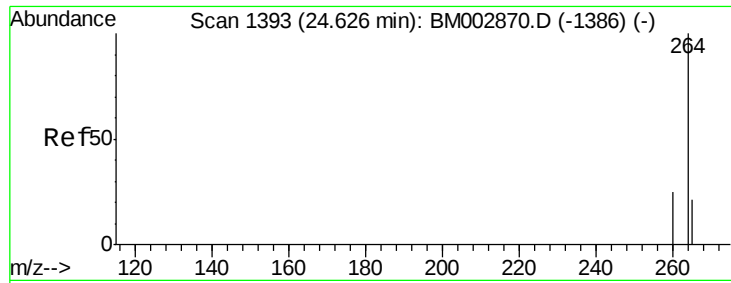


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

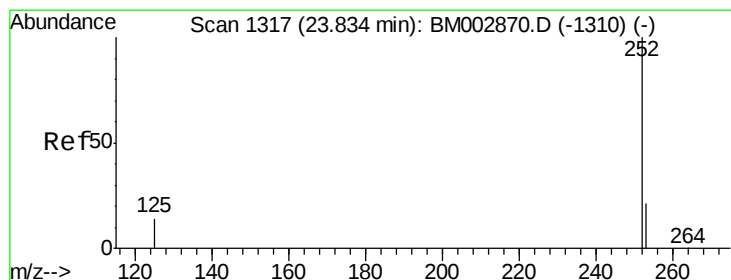
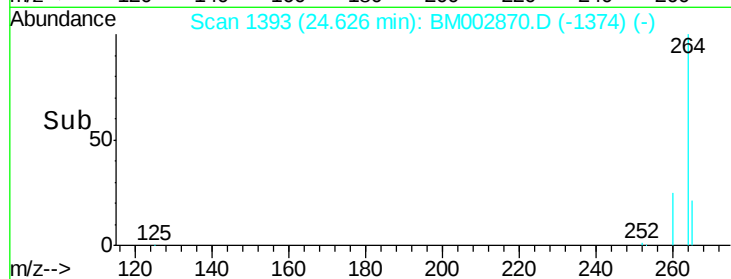
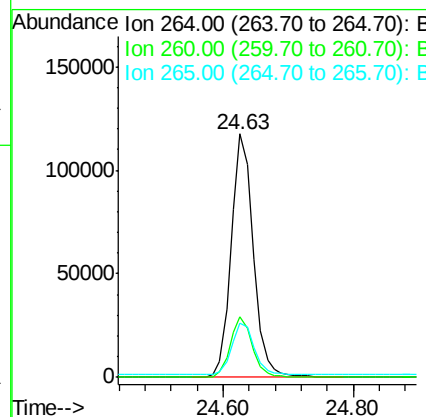
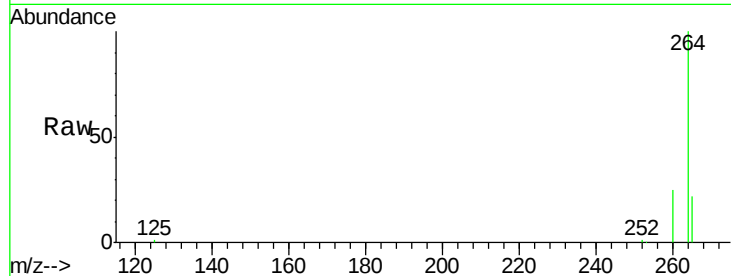




#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 24.63 min Scan# 1393
 Delta R.T. 0.00 min
 Lab File: BM002870.D
 Acq: 08 Oct 2015 19:09

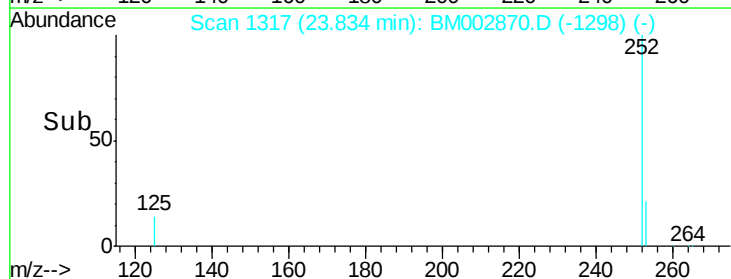
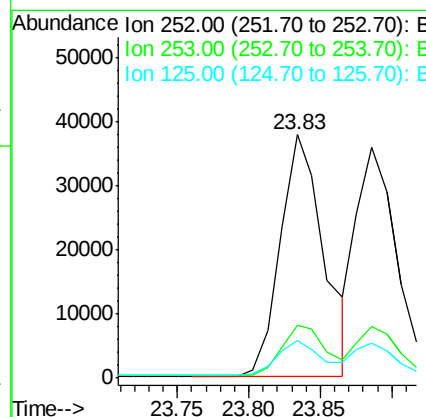
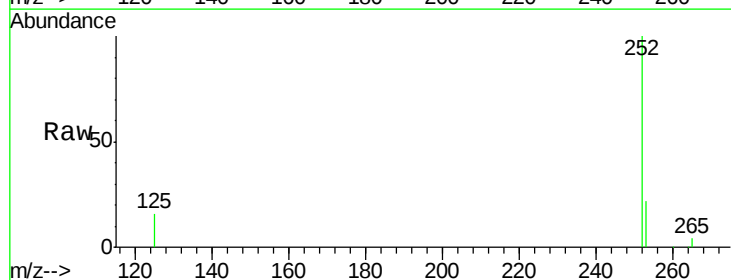
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC001

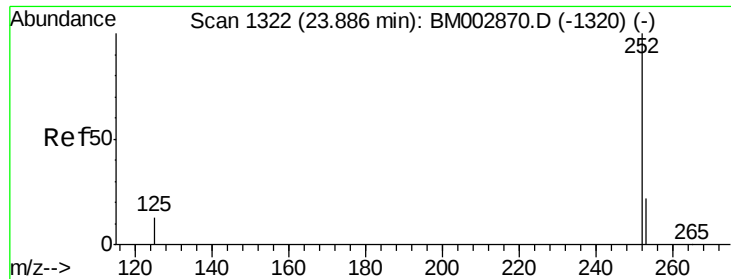
Tot Ion:264 Resp: 275805
 Ion Ratio Lower Upper
 264 100
 260 25.1 20.1 30.1
 265 22.0 17.6 26.4



#36
 Benzo(b)fluoranthene
 Concen: 1.26 ng
 RT: 23.83 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: BM002870.D
 Acq: 08 Oct 2015 19:09

Tgt Ion:252 Resp: 80345
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.5 26.3
 125 15.5 12.4 18.6

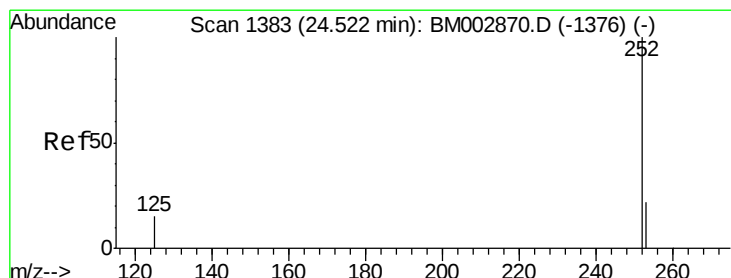
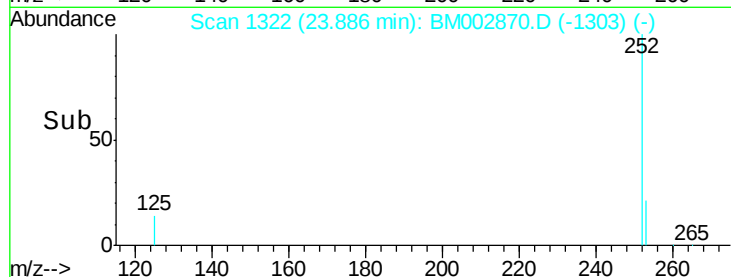
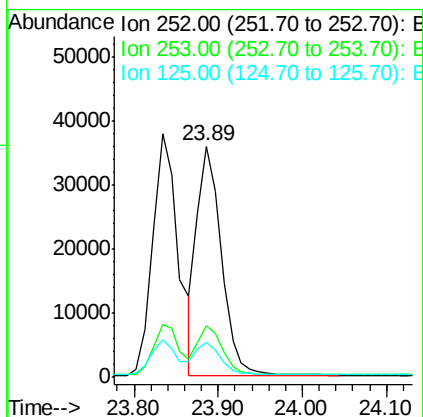
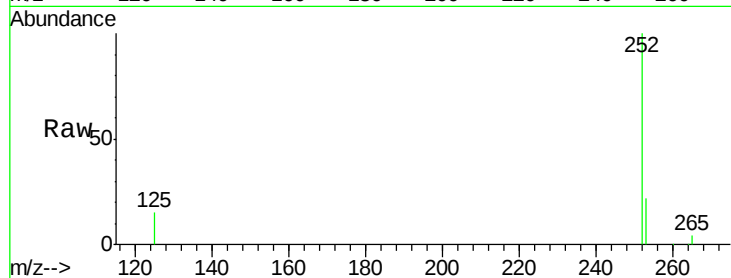




#37
Benzo(k)fluoranthene
Concen: 0.86 ng
RT: 23.89 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BM002870.D
Acq: 08 Oct 2015 19:09

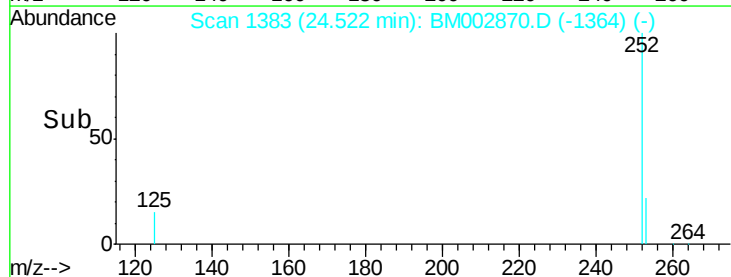
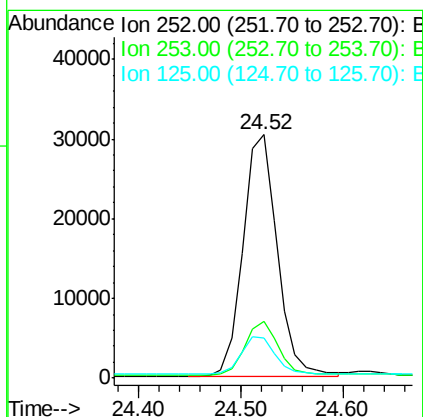
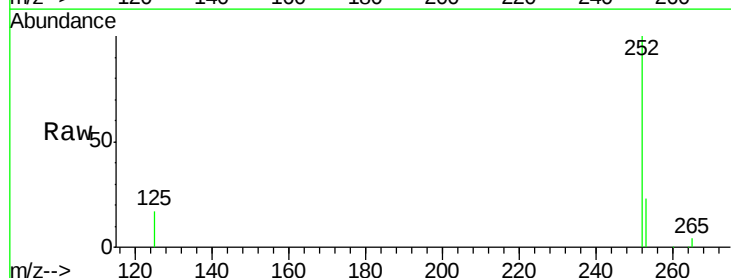
Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

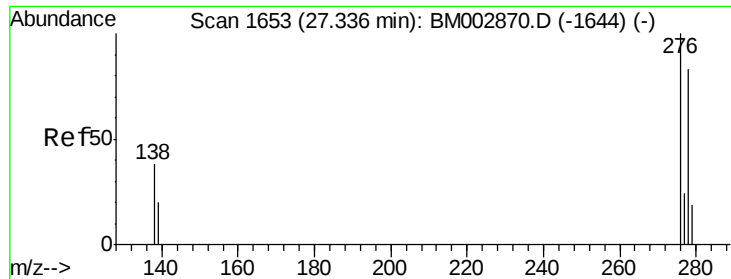
Tot Ion:252 Resp: 71254
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 15.4 12.3 18.5



#38
Benzo(a)pyrene
Concen: 1.19 ng
RT: 24.52 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BM002870.D
Acq: 08 Oct 2015 19:09

Tgt Ion:252 Resp: 70509
Ion Ratio Lower Upper
252 100
253 23.0 18.4 27.6
125 16.6 13.3 19.9





#39

Dibenzo(a,h)anthracene

Concen: 1.18 ng

RT: 27.34 min Scan# 1653

Delta R.T. 0.00 min

Lab File: BM002870.D

Acq: 08 Oct 2015 19:09

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

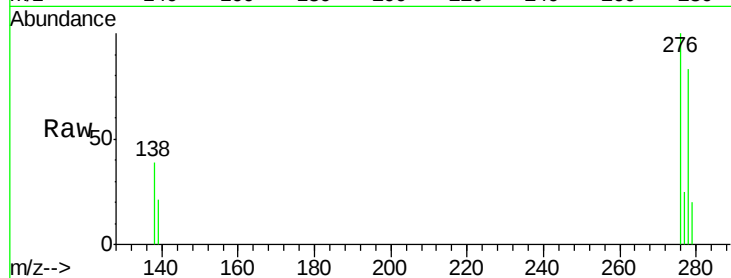
Tot Ion:278 Resp: 68651

Ion Ratio Lower Upper

278 100

139 24.7 19.8 29.6

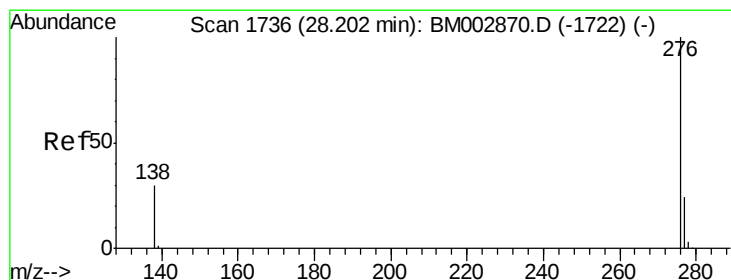
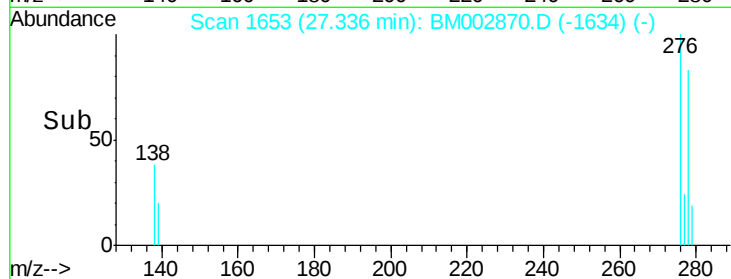
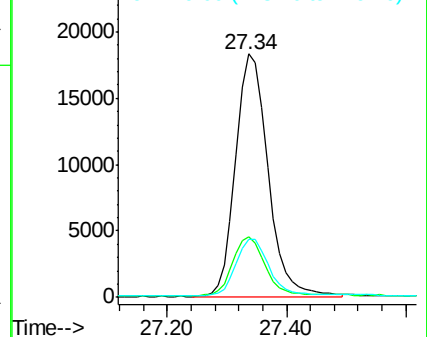
279 23.9 19.1 28.7



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: 1.13 ng

RT: 28.20 min Scan# 1736

Delta R.T. 0.00 min

Lab File: BM002870.D

Acq: 08 Oct 2015 19:09

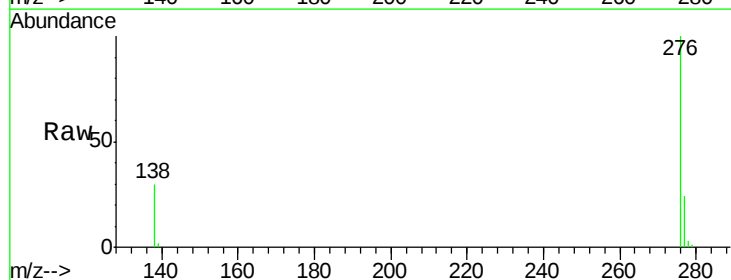
Tgt Ion:276 Resp: 71151

Ion Ratio Lower Upper

276 100

277 24.2 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

