

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050515\
 Data File : BM001221.D
 Acq On : 06 May 2015 10:39
 Operator : TP/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001

Quant Time: May 06 13:13:27 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 06 12:46:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	12990	5.00	ng	0.00
6) Naphthalene-d8	10.30	136	51012	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	30300	5.00	ng	0.00
18) Phenanthrene-d10	16.95	188	47047	5.00	ng	0.00
24) Chrysene-d12	21.14	240	69611	5.00	ng	0.00
30) Perylene-d12	23.29	264	62568	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.11	112	2746	1.01	ng	0.00
5) Phenol-d6	6.71	99	3348	0.97	ng	-0.02
7) Nitrobenzene-d5	8.68	82	2855	0.99	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	1510	0.90	ng	0.00
14) 2-Fluorobiphenyl	12.80	172	9688	1.05	ng	-0.01
26) Terphenyl-d14	19.59	244	9470	0.95	ng	0.00

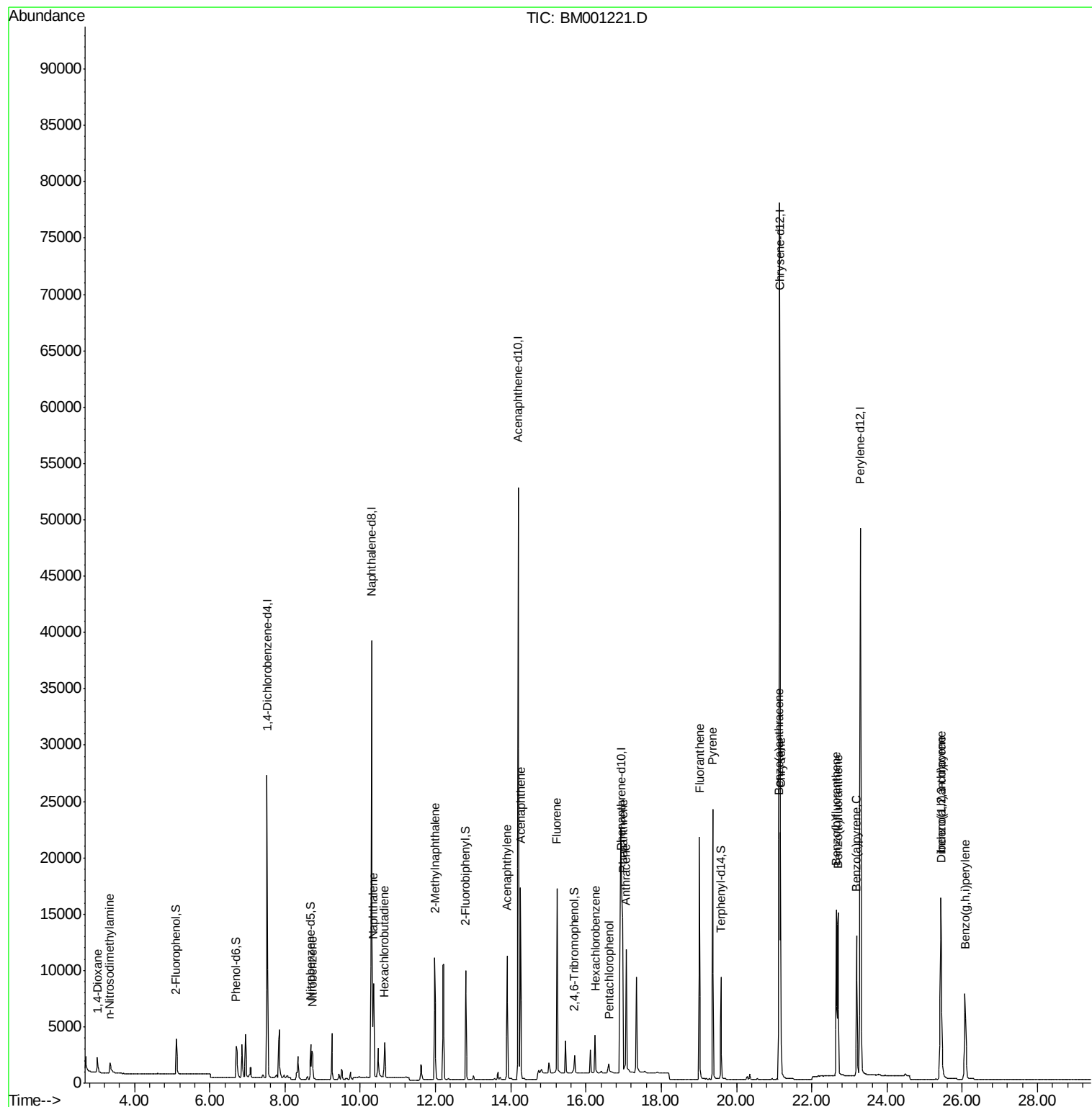
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.01	88	1376	0.93	ng	91
3) n-Nitrosodimethylamine	3.34	42	1406	0.89	ng	# 98
8) Nitrobenzene	8.72	77	3024	0.95	ng	99
9) Naphthalene	10.35	128	11408	1.03	ng	99
10) Hexachlorobutadiene	10.64	225	2207	1.03	ng	97
11) 2-Methylnaphthalene	11.98	142	7849	1.01	ng	99
15) Acenaphthylene	13.90	152	13154	1.01	ng	100
16) Acenaphthene	14.25	154	8463	1.03	ng	99
17) Fluorene	15.23	166	13408	1.00	ng	98
19) Hexachlorobenzene	16.24	284	2964	1.10	ng	94
20) Pentachlorophenol	16.61	266	819	1.02	ng	99
21) Phenanthrene	16.98	178	20317	0.99	ng	99
22) Anthracene	17.07	178	16210	0.97	ng	100
23) Fluoranthene	19.01	202	19906	1.07	ng	99
25) Pyrene	19.37	202	21233	0.95	ng	100
27) Benzo(a)anthracene	21.12	228	19684	0.99	ng	99
28) Chrysene	21.17	228	19986	1.04	ng	98
29) Indeno(1,2,3-cd)pyrene	25.43	276	18637	1.23	ng	99
31) Benzo(b)fluoranthene	22.65	252	20915	1.04	ng	95
32) Benzo(k)fluoranthene	22.69	252	17265	0.94	ng	96
33) Benzo(a)pyrene	23.19	252	16725	1.01	ng	99
34) Dibenzo(a,h)anthracene	25.44	278	14433	1.07	ng	100
35) Benzo(g,h,i)perylene	26.07	276	15367	1.10	ng	99

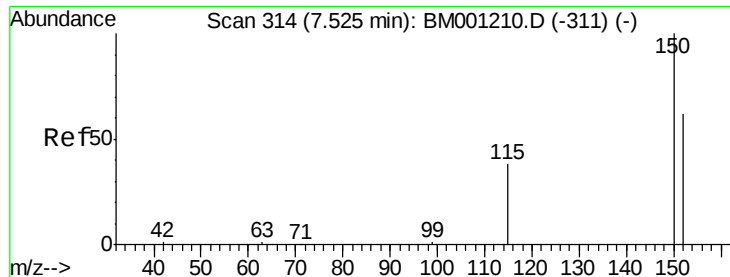
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.53 min Scan# 314

Delta R.T. 0.00 min

Lab File: BM001221.D

Acq: 06 May 2015 10:39

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

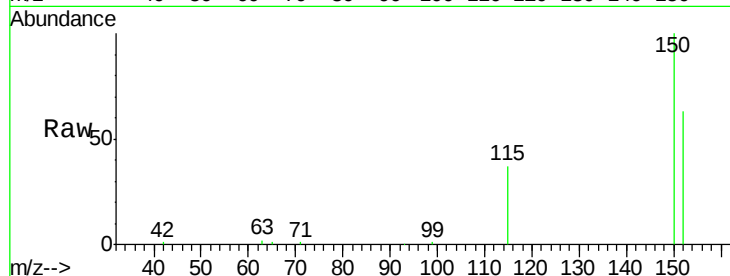
Tgt Ion: 152 Resp: 12990

Ion Ratio Lower Upper

152 100

150 159.0 122.0 183.0

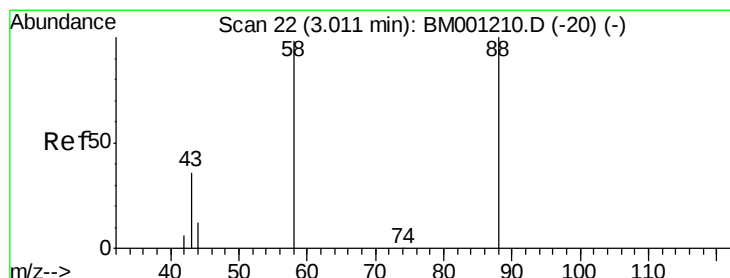
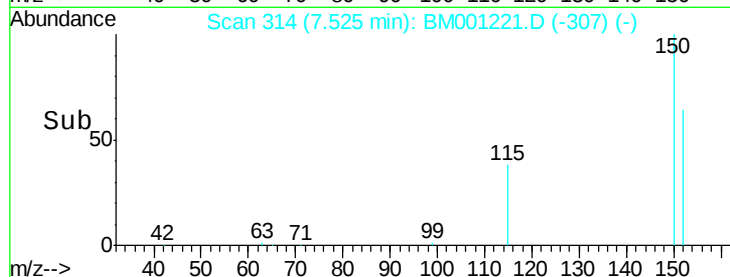
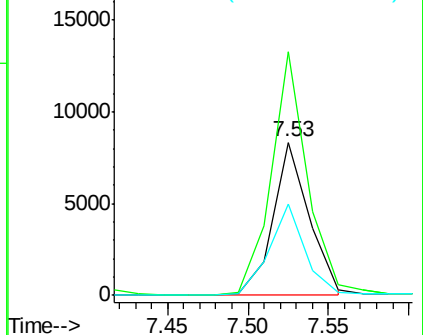
115 59.5 46.3 69.5



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: 0.93 ng

RT: 3.01 min Scan# 22

Delta R.T. 0.00 min

Lab File: BM001221.D

Acq: 06 May 2015 10:39

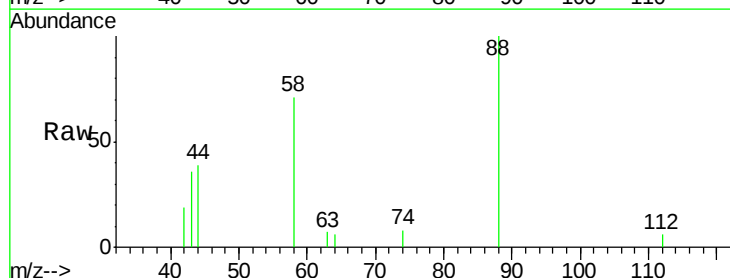
Tgt Ion: 88 Resp: 1376

Ion Ratio Lower Upper

88 100

58 66.5 47.8 71.6

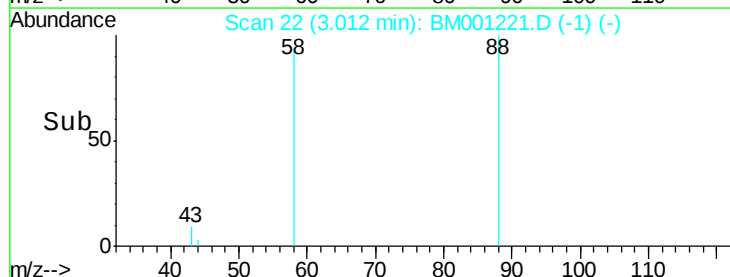
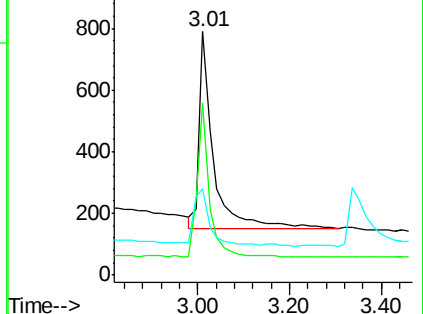
43 34.6 23.2 34.8

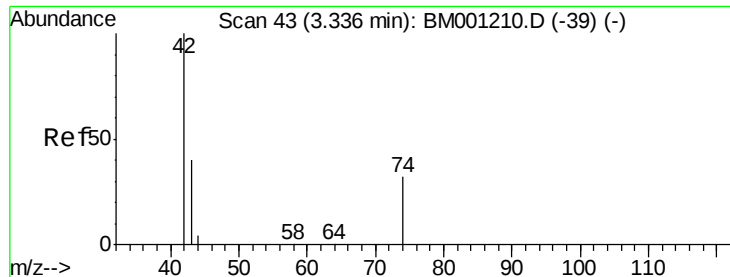


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 0.89 ng

RT: 3.34 min Scan# 43

Delta R.T. 0.00 min

Lab File: BM001221.D

Acq: 06 May 2015 10:39

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

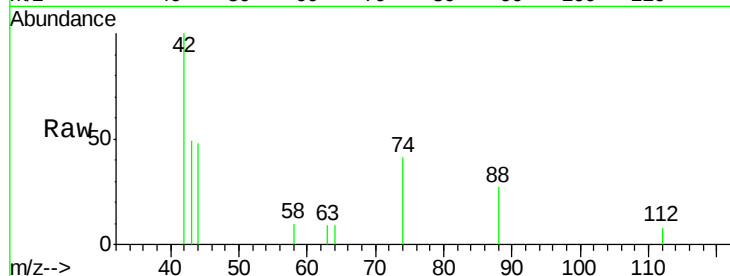
Tgt Ion: 42 Resp: 1406

Ion Ratio Lower Upper

42 100

74 103.6 84.5 126.7

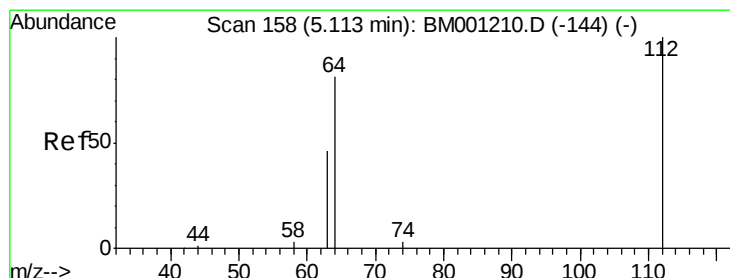
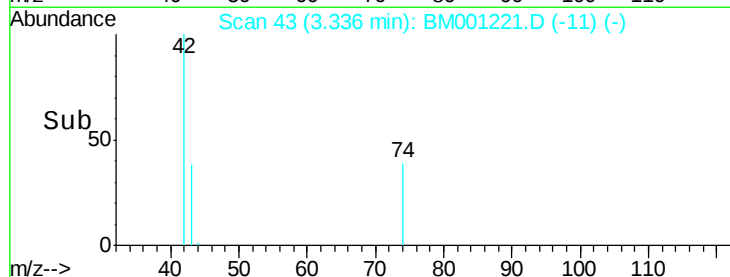
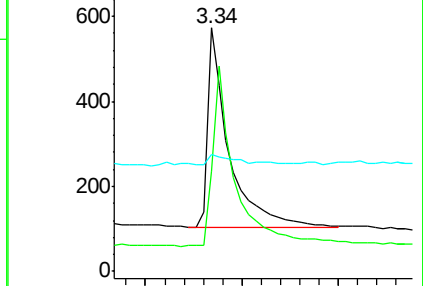
44 5.6 6.2 9.2#



Abundance Ion 42.00 (41.70 to 42.70): BM001221.D (-11) (-)

Ion 74.00 (73.70 to 74.70): BM001221.D (-11) (-)

Ion 44.00 (43.70 to 44.70): BM001221.D (-11) (-)



#4

2-Fluorophenol

Concen: 1.01 ng

RT: 5.11 min Scan# 158

Delta R.T. 0.00 min

Lab File: BM001221.D

Acq: 06 May 2015 10:39

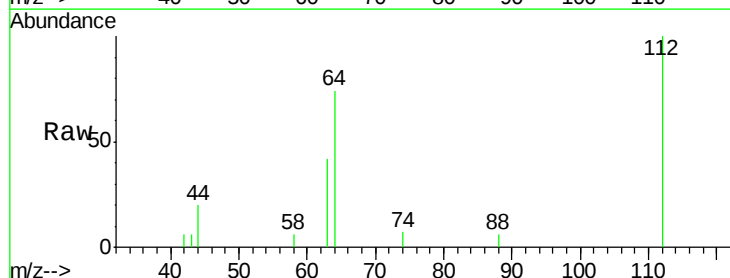
Tgt Ion: 112 Resp: 2746

Ion Ratio Lower Upper

112 100

64 61.8 51.0 76.4

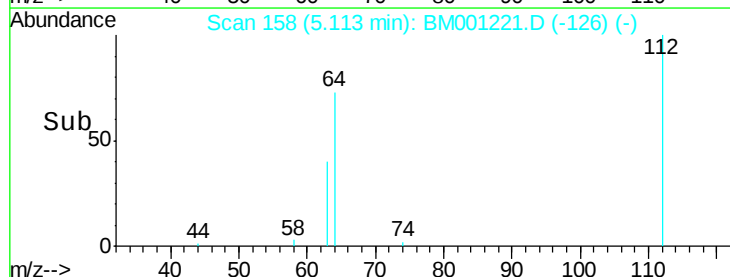
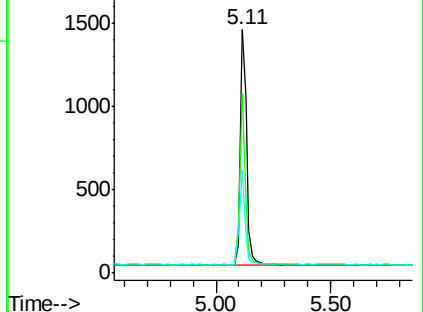
63 34.7 28.8 43.2

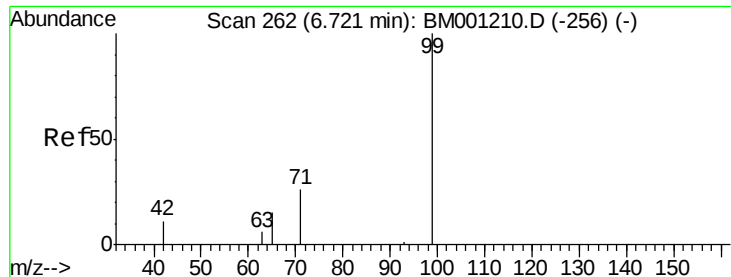


Abundance Ion 112.00 (111.70 to 112.70): BM001221.D (-126) (-)

Ion 64.00 (63.70 to 64.70): BM001221.D (-126) (-)

Ion 63.00 (62.70 to 63.70): BM001221.D (-126) (-)





#5

Phenol-d6

Concen: 0.97 ng

RT: 6.71 min Scan# 261

Delta R.T. -0.02 min

Lab File: BM001221.D

Acq: 06 May 2015 10:39

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

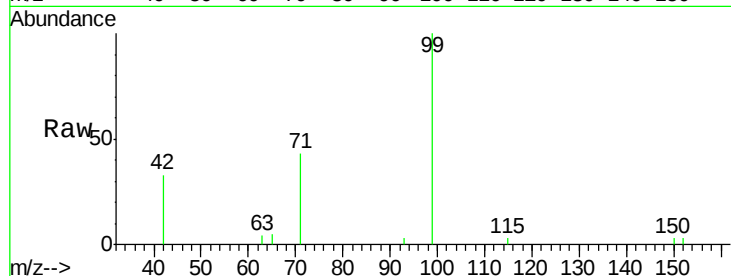
Tgt Ion: 99 Resp: 3348

Ion Ratio Lower Upper

99 100

42 24.7 19.9 29.9

71 34.5 27.8 41.6



Abundance Ion 99.00 (98.70 to 99.70): BM001221.D (-230) (-)

Ion 42.00 (41.70 to 42.70): BM001221.D (-230) (-)

Ion 71.00 (70.70 to 71.70): BM001221.D (-230) (-)

6.71

1500

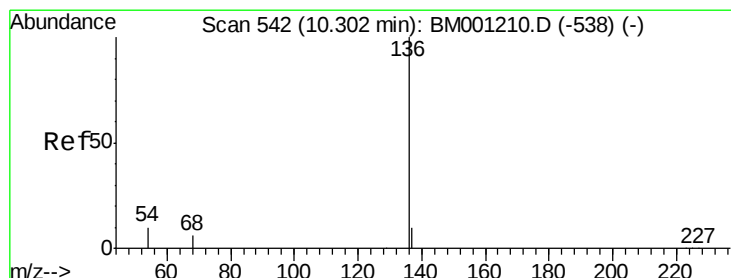
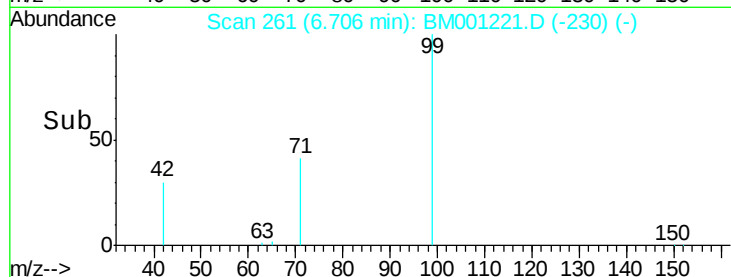
1000

500

0

6.40 6.60 6.80 7.00

Time-->



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.30 min Scan# 542

Delta R.T. 0.00 min

Lab File: BM001221.D

Acq: 06 May 2015 10:39

Tgt Ion: 136 Resp: 51012

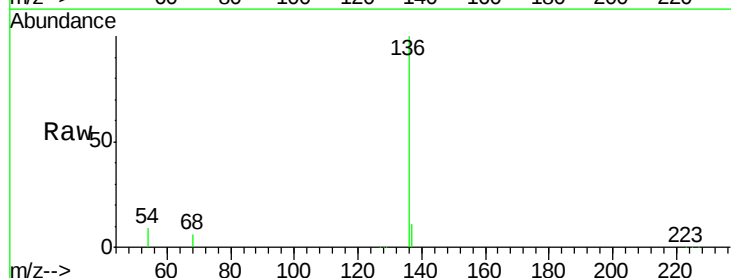
Ion Ratio Lower Upper

136 100

137 10.6 8.4 12.6

54 9.3 8.3 12.5

68 5.7 4.2 6.4



Abundance Ion 136.00 (135.70 to 136.70): BM001221.D (-525) (-)

Ion 137.00 (136.70 to 137.70): BM001221.D (-525) (-)

Ion 54.00 (53.70 to 54.70): BM001221.D (-525) (-)

Ion 68.00 (67.70 to 68.70): BM001221.D (-525) (-)

10.30

40000

30000

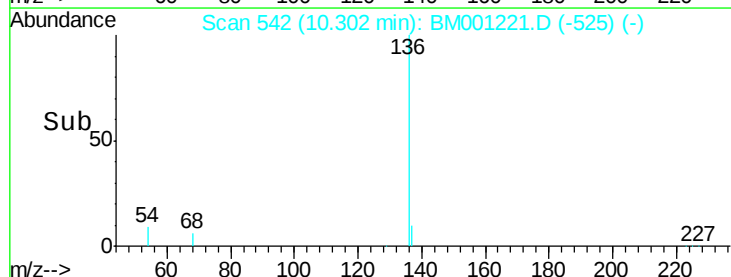
20000

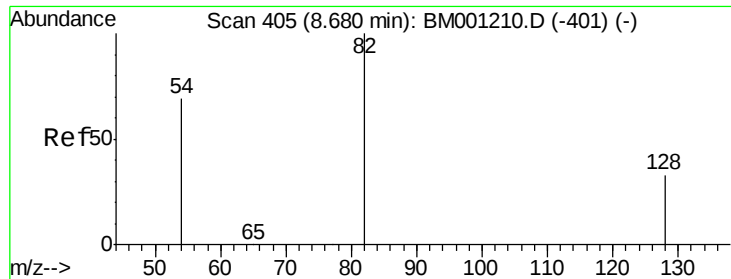
10000

0

10.20 10.40 10.60

Time-->





#7

Nitrobenzene-d5

Concen: 0.99 ng

RT: 8.68 min Scan# 405

Delta R.T. 0.00 min

Lab File: BM001221.D

Acq: 06 May 2015 10:39

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

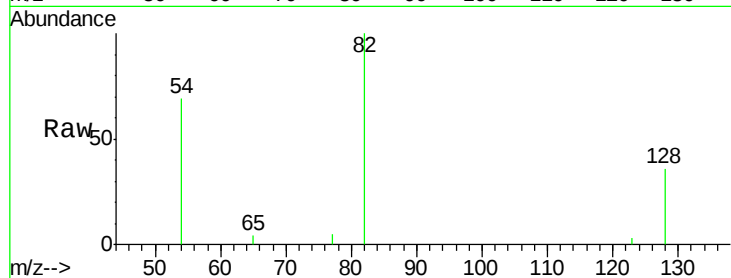
Tgt Ion: 82 Resp: 2855

Ion Ratio Lower Upper

82 100

128 36.0 27.8 41.6

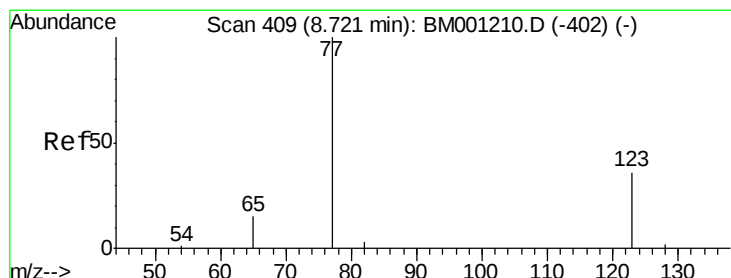
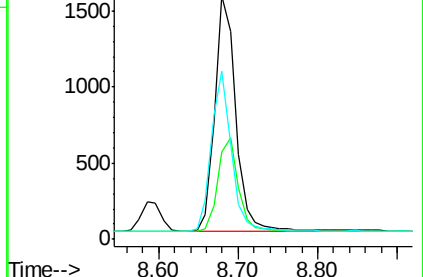
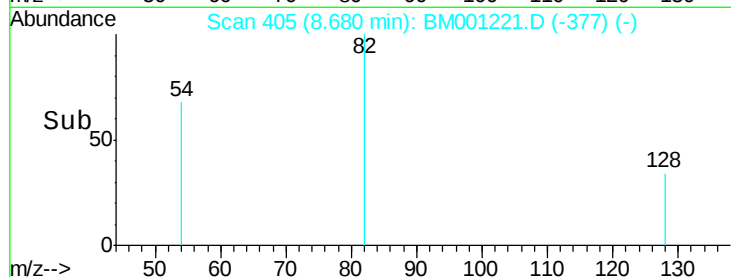
54 69.2 56.0 84.0



Abundance Ion 82.00 (81.70 to 82.70): BM001221.D (-377) (-)

Ion 128.00 (127.70 to 128.70): BM001221.D (-377) (-)

Ion 54.00 (53.70 to 54.70): BM001221.D (-377) (-)



#8

Nitrobenzene

Concen: 0.95 ng

RT: 8.72 min Scan# 409

Delta R.T. 0.00 min

Lab File: BM001221.D

Acq: 06 May 2015 10:39

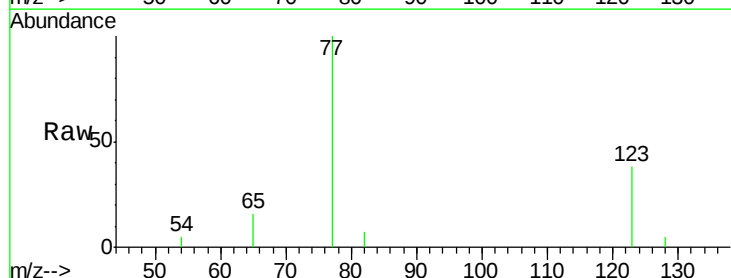
Tgt Ion: 77 Resp: 3024

Ion Ratio Lower Upper

77 100

123 42.0 33.9 50.9

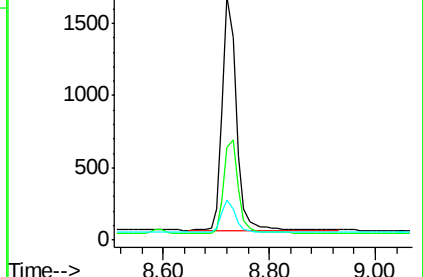
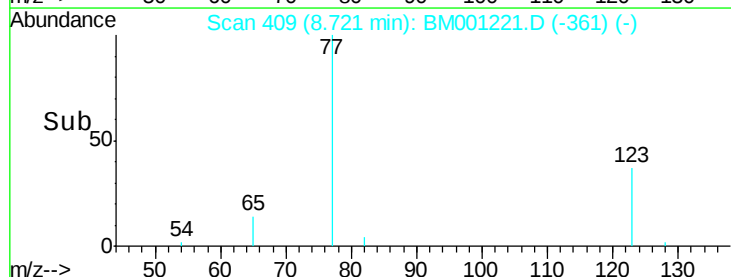
65 13.9 11.4 17.2

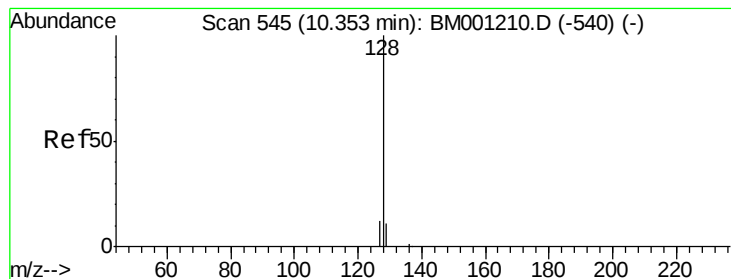


Abundance Ion 77.00 (76.70 to 77.70): BM001221.D (-361) (-)

Ion 123.00 (122.70 to 123.70): BM001221.D (-361) (-)

Ion 65.00 (64.70 to 65.70): BM001221.D (-361) (-)





#9

Naphthalene

Concen: 1.03 ng

RT: 10.35 min Scan# 545

Delta R.T. 0.00 min

Lab File: BM001221.D

Acq: 06 May 2015 10:39

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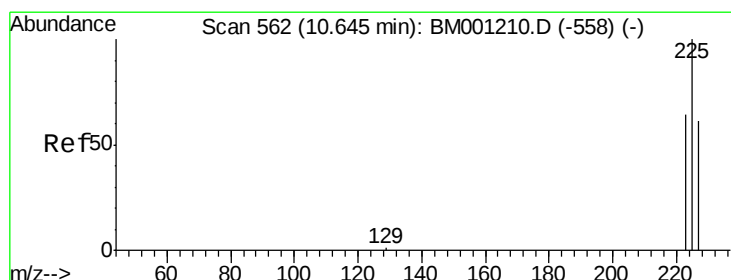
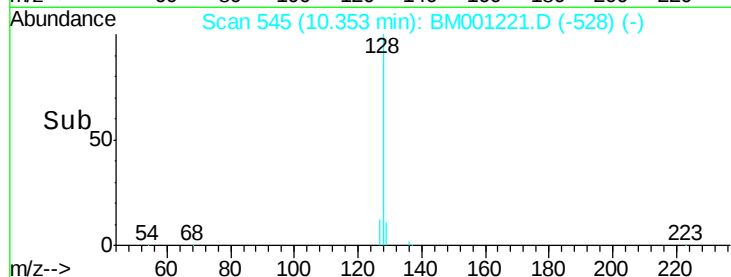
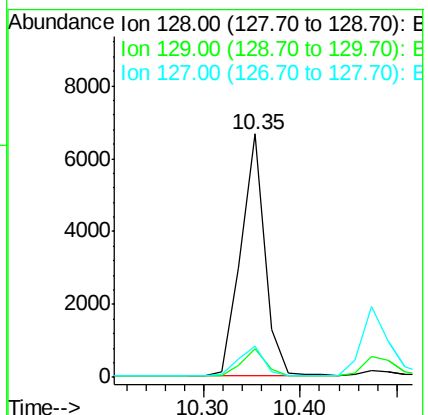
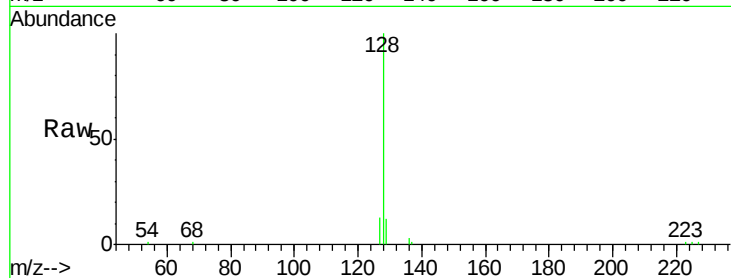
Tgt Ion:128 Resp: 11408

Ion Ratio Lower Upper

128 100

129 11.7 9.2 13.8

127 12.6 10.2 15.4



#10

Hexachlorobutadiene

Concen: 1.03 ng

RT: 10.64 min Scan# 562

Delta R.T. 0.00 min

Lab File: BM001221.D

Acq: 06 May 2015 10:39

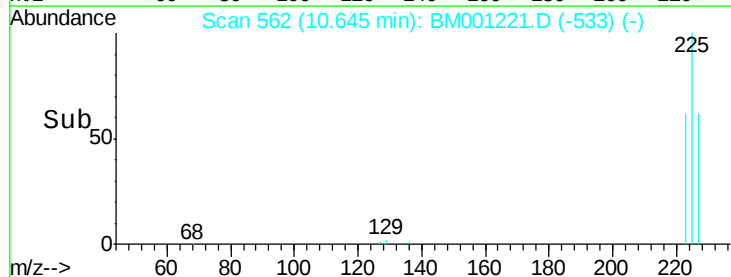
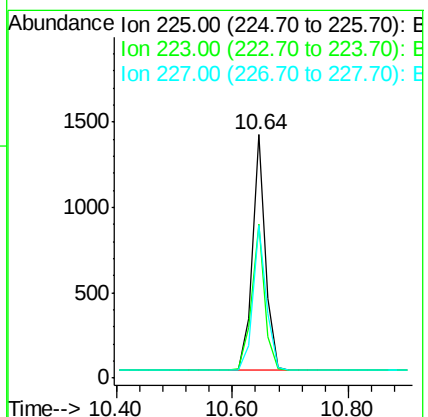
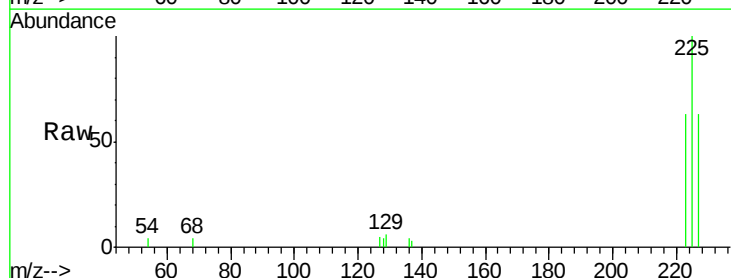
Tgt Ion:225 Resp: 2207

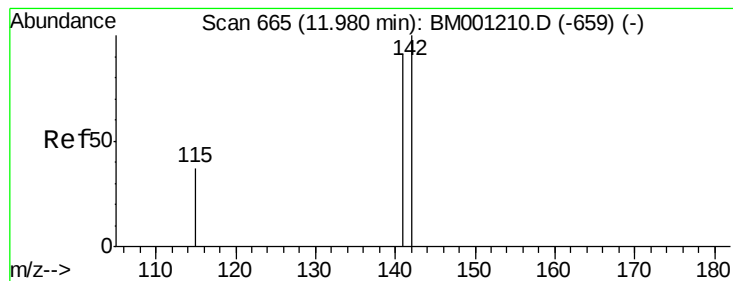
Ion Ratio Lower Upper

225 100

223 61.5 51.0 76.6

227 62.9 51.7 77.5





#11

2-Methylnaphthalene

Concen: 1.01 ng

RT: 11.98 min Scan# 665

Delta R.T. 0.00 min

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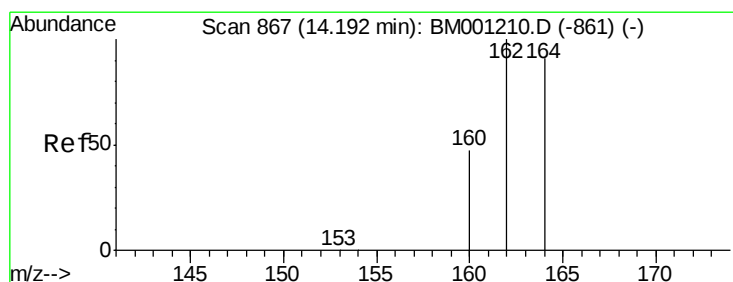
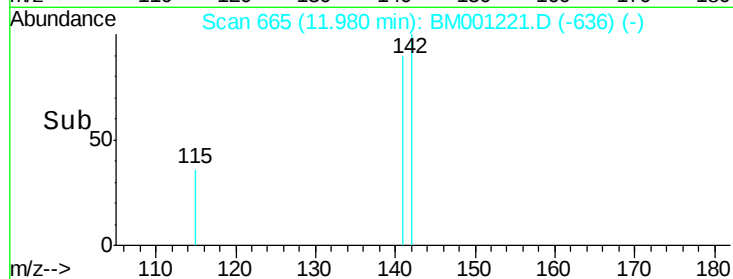
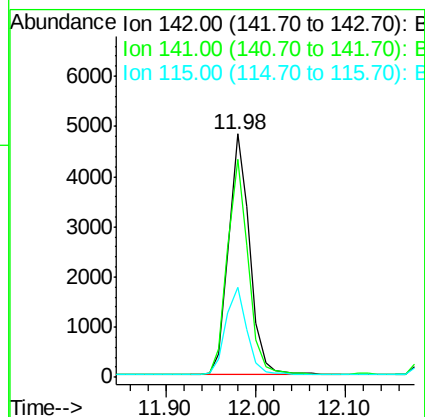
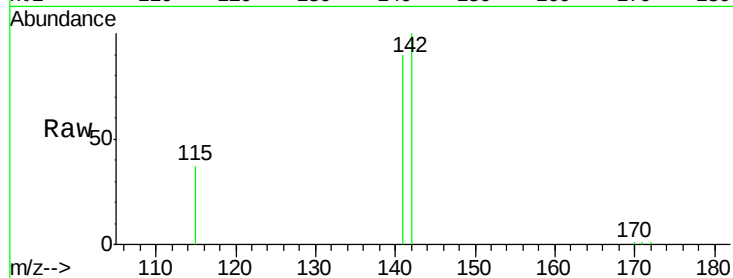
Tgt Ion:142 Resp: 7849

Ion Ratio Lower Upper

142 100

141 89.5 72.5 108.7

115 36.8 30.3 45.5



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.19 min Scan# 867

Delta R.T. 0.00 min

Lab File: BM001221.D

Acq: 06 May 2015 10:39

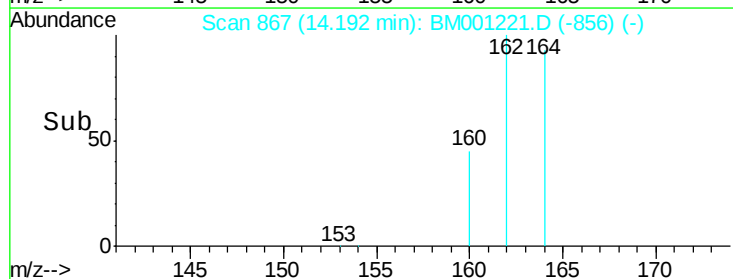
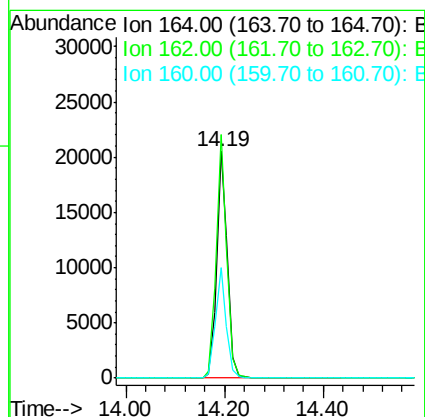
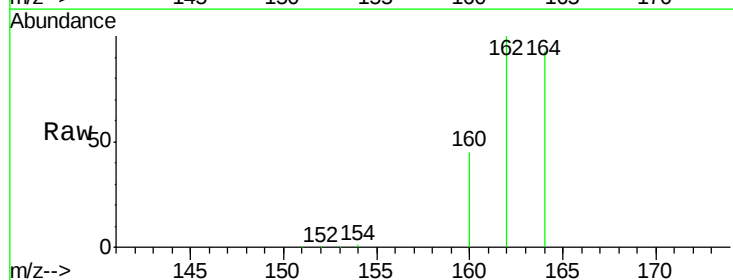
Tgt Ion:164 Resp: 30300

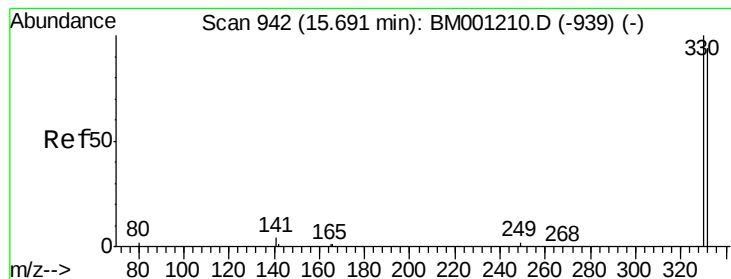
Ion Ratio Lower Upper

164 100

162 107.4 82.7 124.1

160 48.8 35.8 53.8





#13

2,4,6-Tribromophenol

Concen: 0.90 ng

RT: 15.69 min Scan# 942

Delta R.T. 0.00 min

Lab File: BM001221.D

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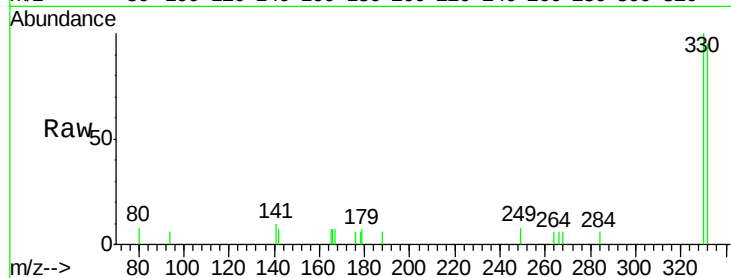
Tgt Ion:330 Resp: 1510

Ion Ratio Lower Upper

330 100

332 94.6 75.4 113.2

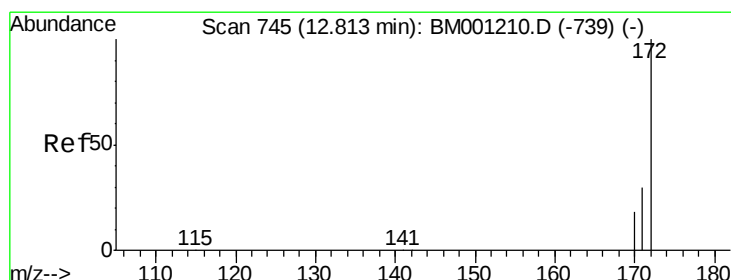
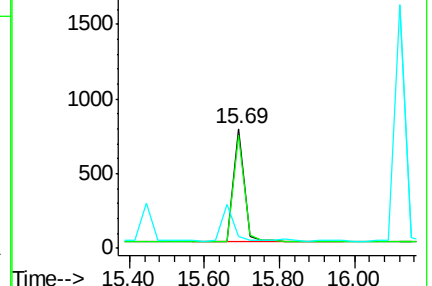
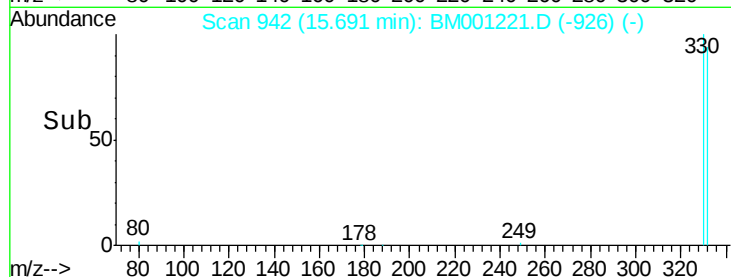
141 0.0 0.0 0.0



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



#14

2-Fluorobiphenyl

Concen: 1.05 ng

RT: 12.80 min Scan# 744

Delta R.T. -0.01 min

Lab File: BM001221.D

Acq: 06 May 2015 10:39

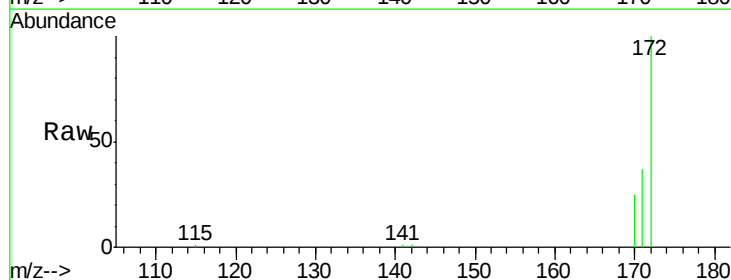
Tgt Ion:172 Resp: 9688

Ion Ratio Lower Upper

172 100

171 36.5 24.6 37.0

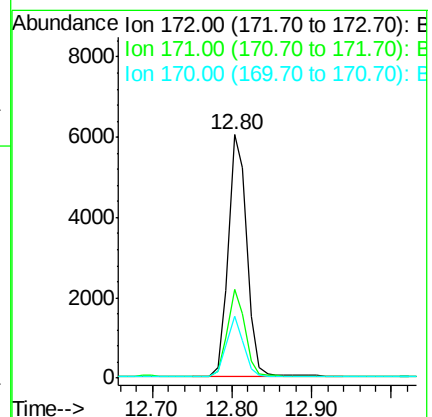
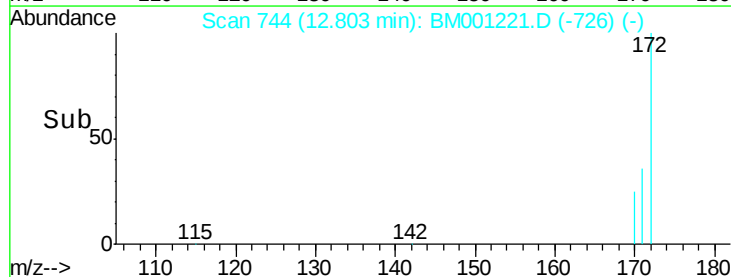
170 25.4 14.5 21.7#

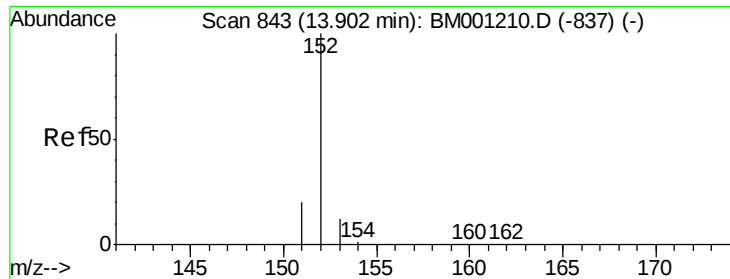


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

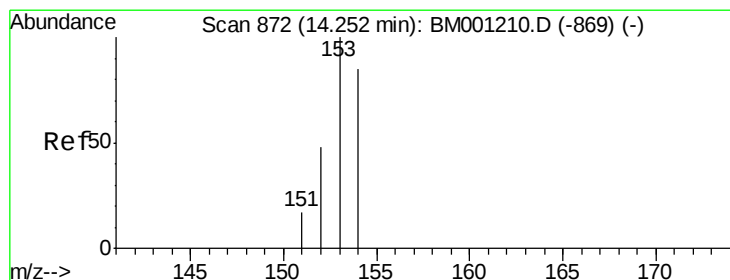
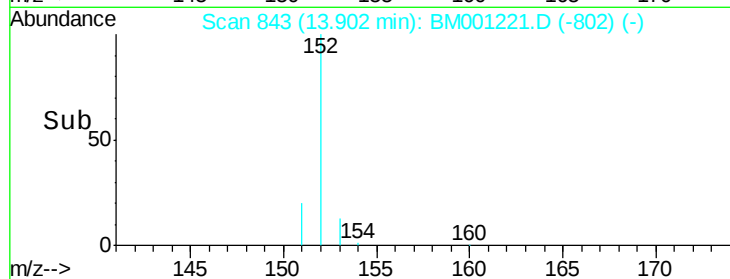
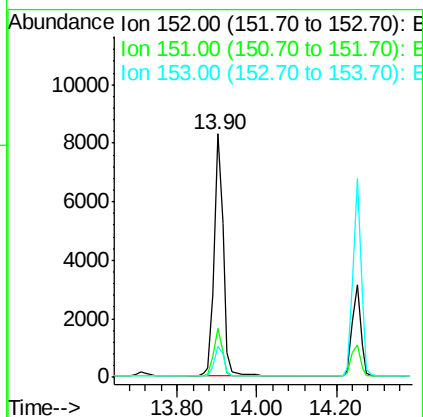
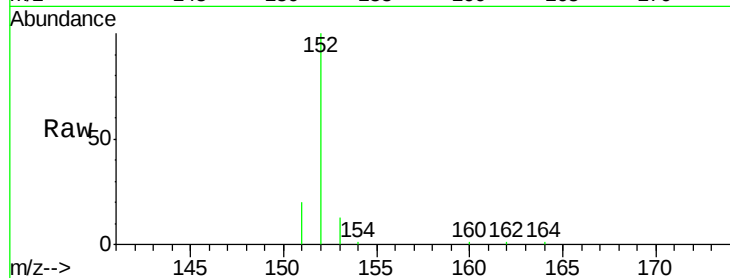




#15
Acenaphthylene
Concen: 1.01 ng
RT: 13.90 min Scan# 843
Delta R.T. 0.00 min
Lab File: BM001221.D
Acq: 06 May 2015 10:39

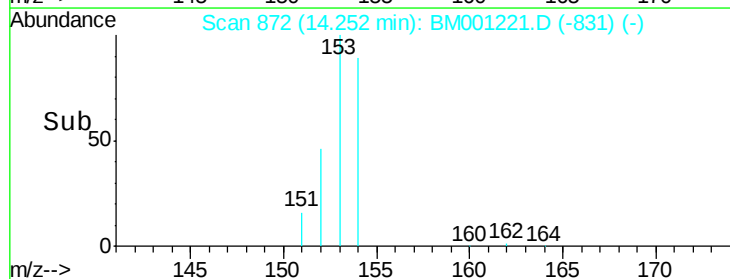
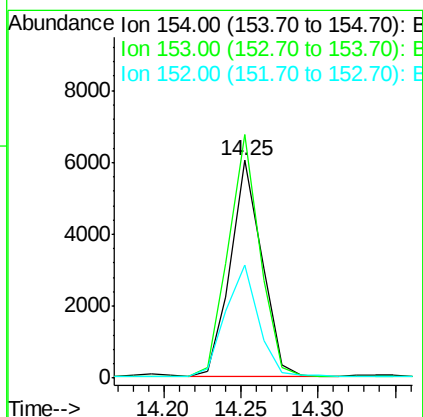
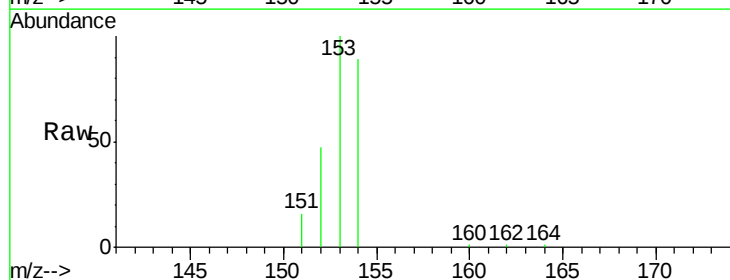
Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

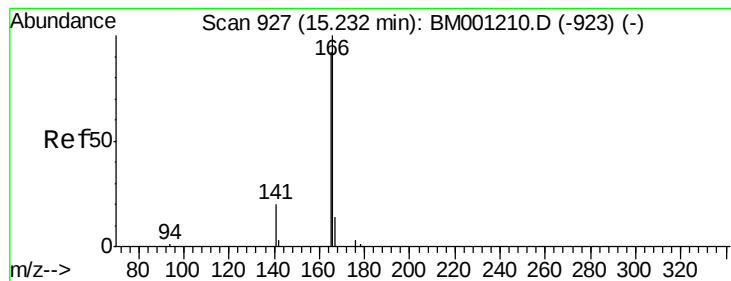
Tgt Ion:152 Resp: 13154
Ion Ratio Lower Upper
152 100
151 18.9 15.0 22.6
153 12.9 10.3 15.5



#16
Acenaphthene
Concen: 1.03 ng
RT: 14.25 min Scan# 872
Delta R.T. 0.00 min
Lab File: BM001221.D
Acq: 06 May 2015 10:39

Tgt Ion:154 Resp: 8463
Ion Ratio Lower Upper
154 100
153 112.4 91.0 136.6
152 54.0 43.4 65.0





#17

Fluorene

Concen: 1.00 ng

RT: 15.23 min Scan# 927

Delta R.T. 0.00 min

Lab File: BM001221.D

Acq: 06 May 2015 10:39

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

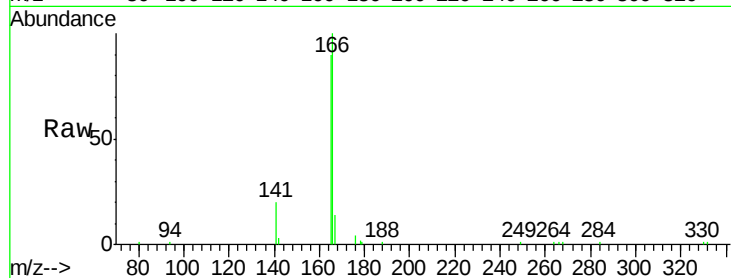
Tgt Ion:166 Resp: 13408

Ion Ratio Lower Upper

166 100

165 90.4 74.2 111.2

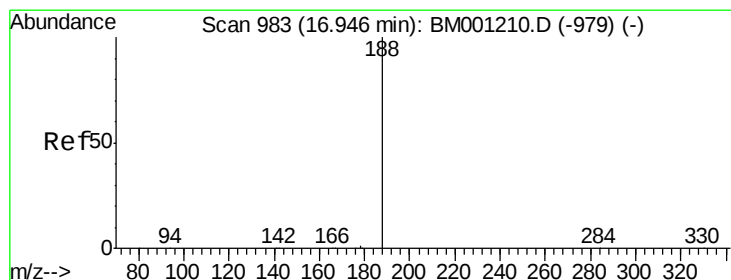
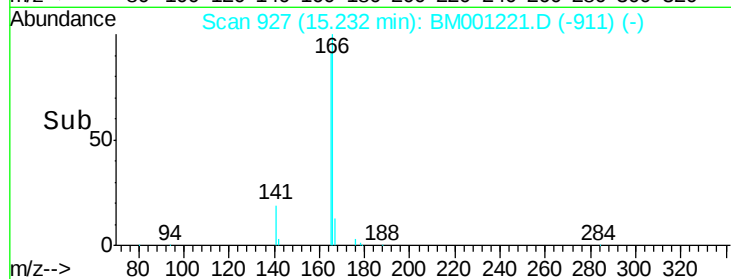
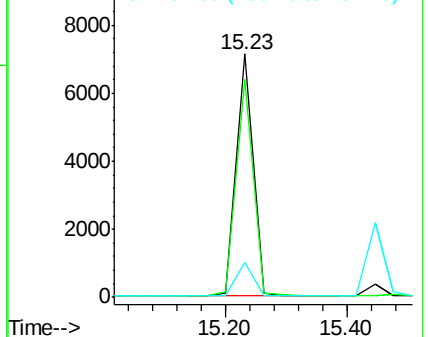
167 13.7 10.8 16.2



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



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.95 min Scan# 983

Delta R.T. 0.00 min

Lab File: BM001221.D

Acq: 06 May 2015 10:39

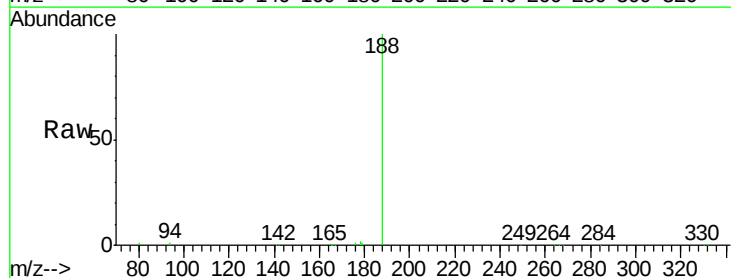
Tgt Ion:188 Resp: 47047

Ion Ratio Lower Upper

188 100

94 0.9 8.2 12.2#

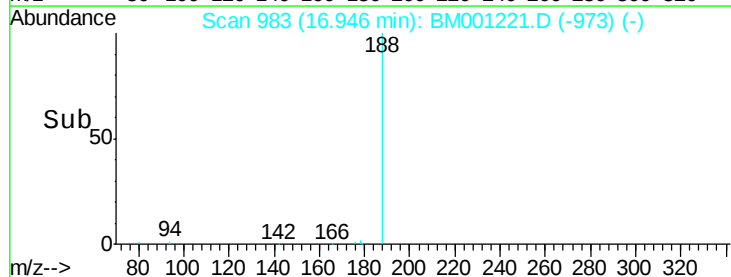
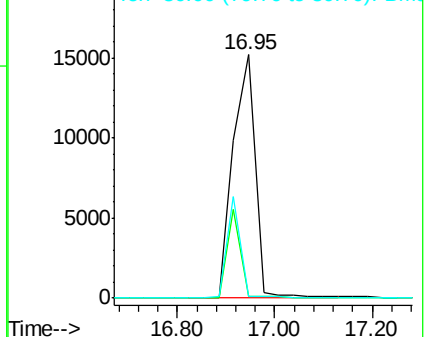
80 0.9 8.9 13.3#

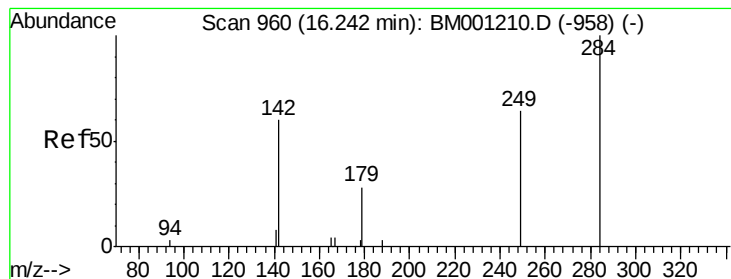


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#19

Hexachlorobenzene

Concen: 1.10 ng

RT: 16.24 min Scan# 960

Delta R.T. 0.00 min

Lab File: BM001221.D

Acq: 06 May 2015 10:39

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

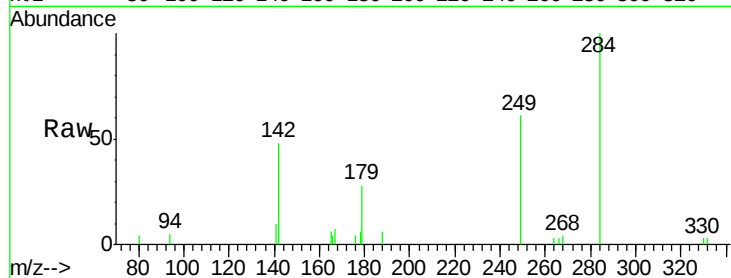
Tgt Ion:284 Resp: 2964

Ion Ratio Lower Upper

284 100

142 43.0 40.2 60.4

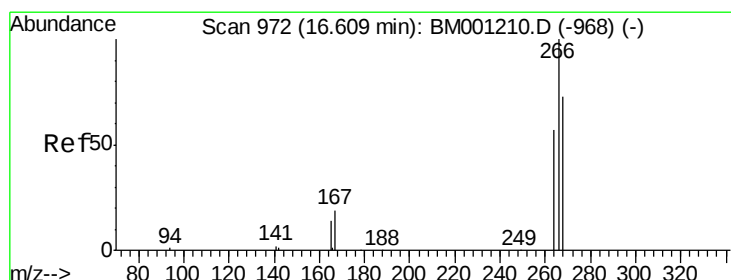
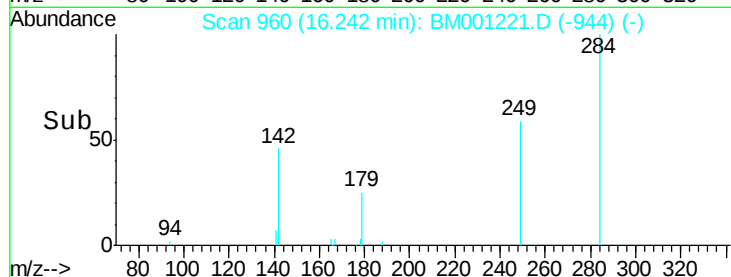
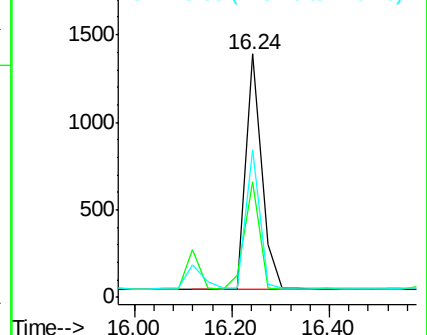
249 51.2 41.4 62.0



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



#20

Pentachlorophenol

Concen: 1.02 ng

RT: 16.61 min Scan# 972

Delta R.T. 0.00 min

Lab File: BM001221.D

Acq: 06 May 2015 10:39

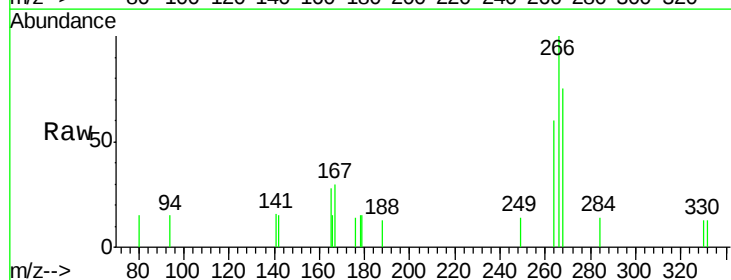
Tgt Ion:266 Resp: 819

Ion Ratio Lower Upper

266 100

268 75.4 60.8 91.2

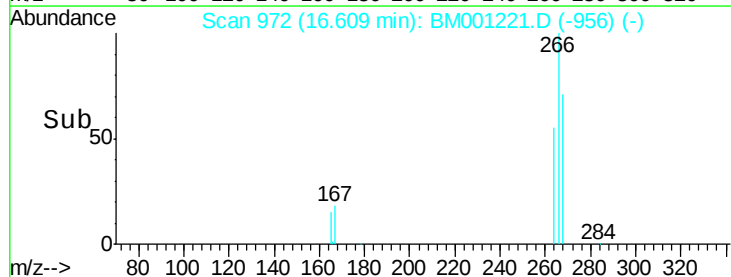
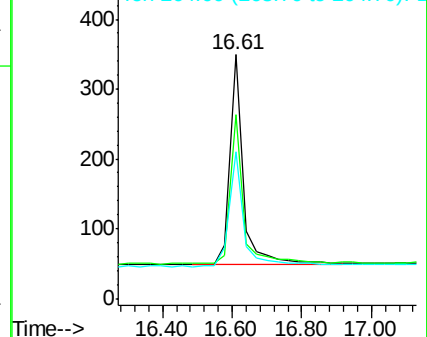
264 60.5 49.0 73.4

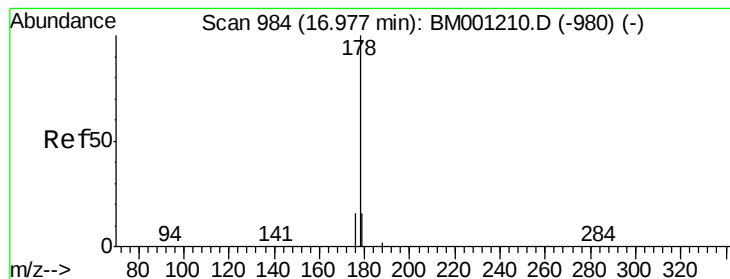


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#21

Phenanthrene

Concen: 0.99 ng

RT: 16.98 min Scan# 984

Delta R.T. 0.00 min

Lab File: BM001221.D

Acq: 06 May 2015 10:39

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

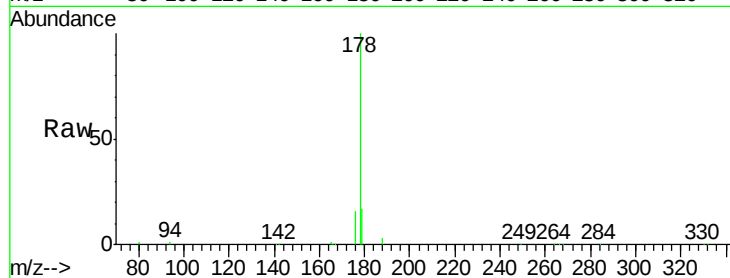
Tgt Ion:178 Resp: 20317

Ion Ratio Lower Upper

178 100

176 16.8 13.8 20.6

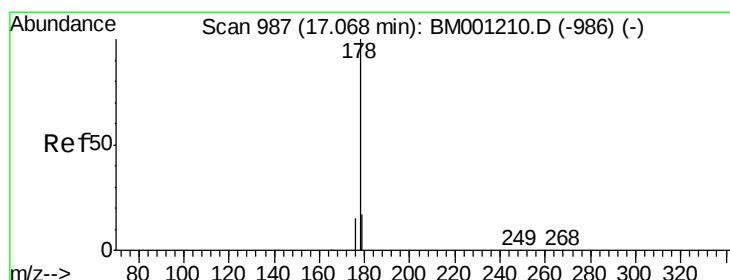
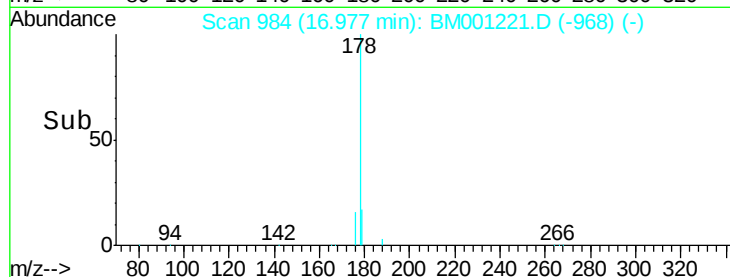
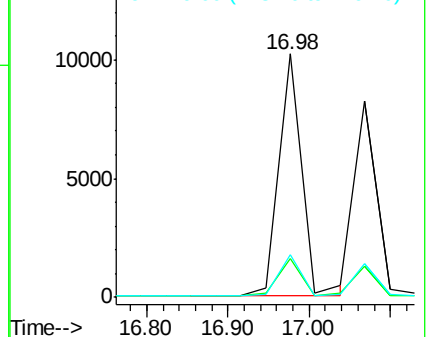
179 16.6 13.1 19.7



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



#22

Anthracene

Concen: 0.97 ng

RT: 17.07 min Scan# 987

Delta R.T. 0.00 min

Lab File: BM001221.D

Acq: 06 May 2015 10:39

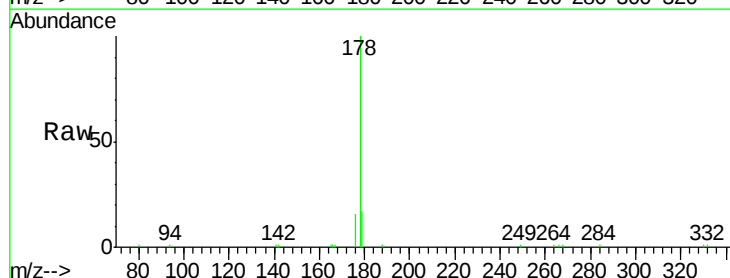
Tgt Ion:178 Resp: 16210

Ion Ratio Lower Upper

178 100

176 15.6 12.6 18.8

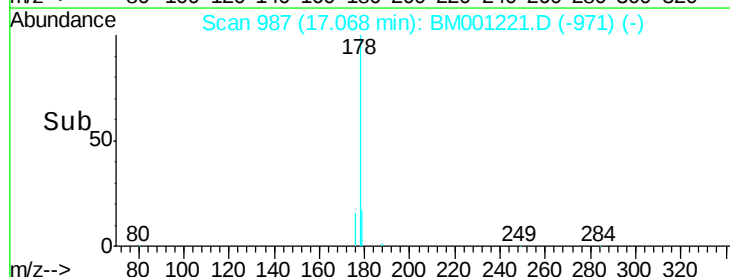
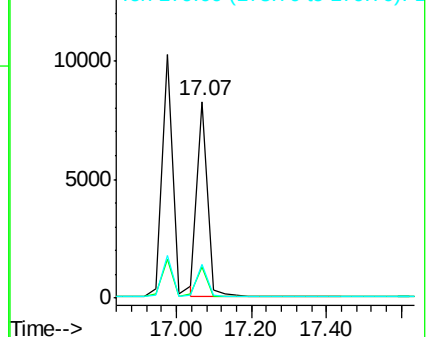
179 16.9 13.4 20.0

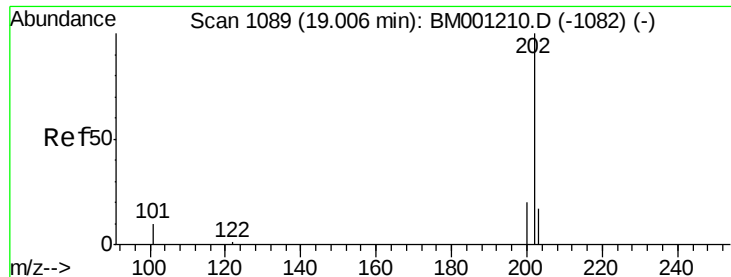


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

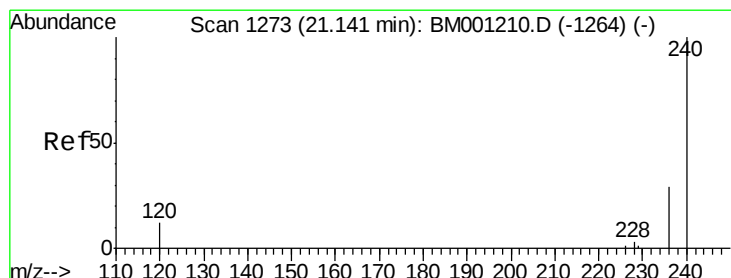
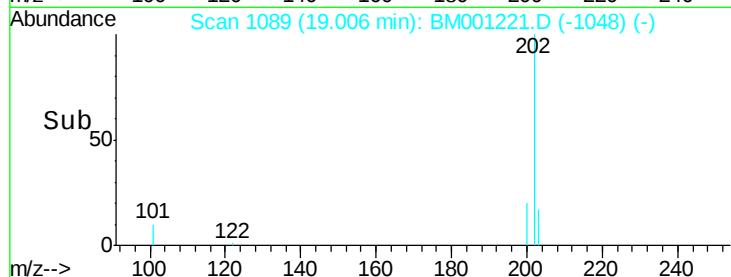
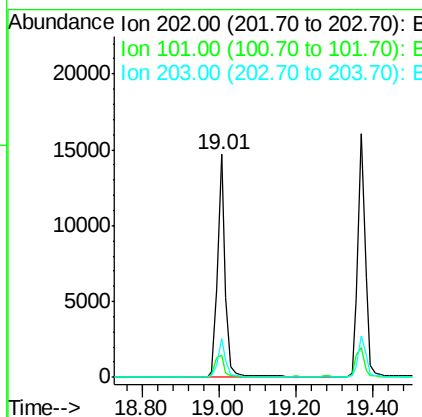
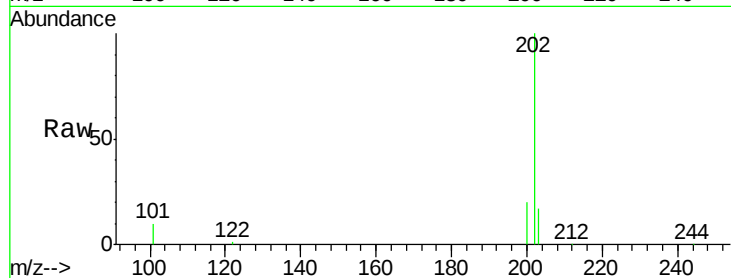




#23
 Fluoranthene
 Concen: 1.07 ng
 RT: 19.01 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BM001221.D
 Acq: 06 May 2015 10:39

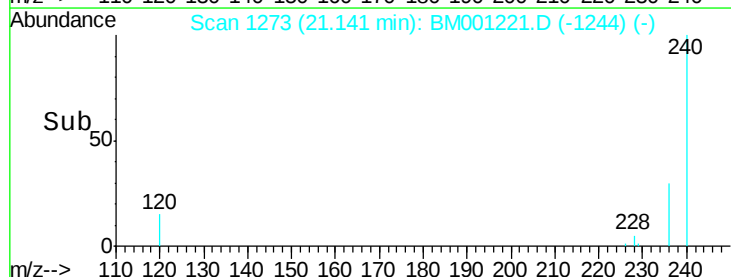
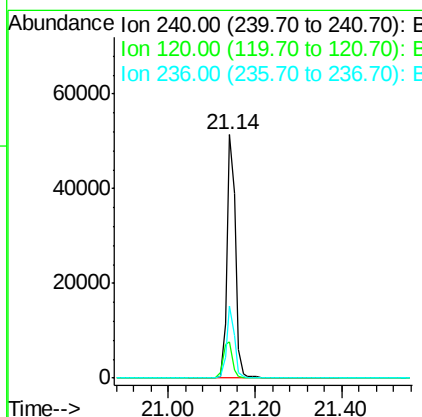
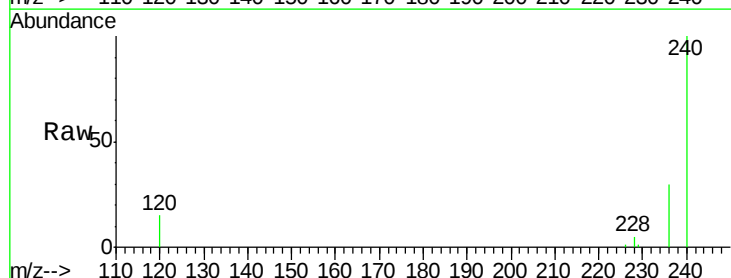
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001

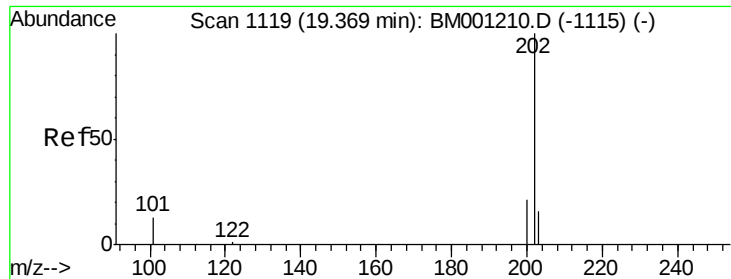
Tgt Ion: 202 Resp: 19906
 Ion Ratio Lower Upper
 202 100
 101 11.6 9.0 13.6
 203 17.2 13.6 20.4



#24
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.14 min Scan# 1273
 Delta R.T. 0.00 min
 Lab File: BM001221.D
 Acq: 06 May 2015 10:39

Tgt Ion: 240 Resp: 69611
 Ion Ratio Lower Upper
 240 100
 120 14.8 9.6 14.4#
 236 29.6 22.9 34.3





#25

Pyrene

Concen: 0.95 ng

RT: 19.37 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BM001221.D

Acq: 06 May 2015 10:39

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

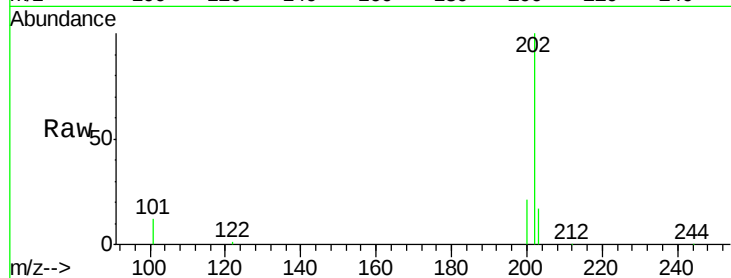
Tgt Ion:202 Resp: 21233

Ion Ratio Lower Upper

202 100

200 20.5 16.3 24.5

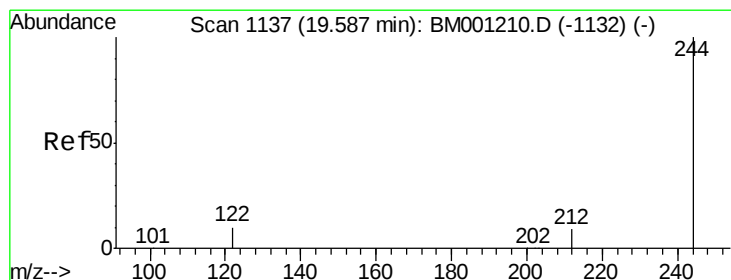
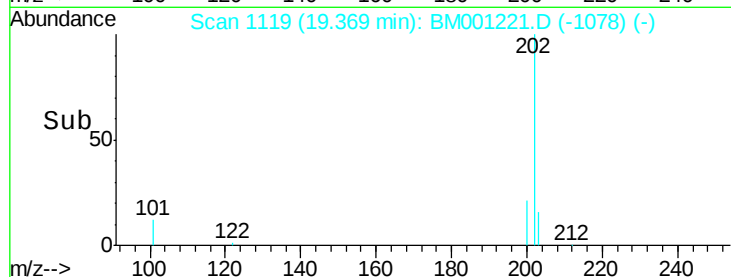
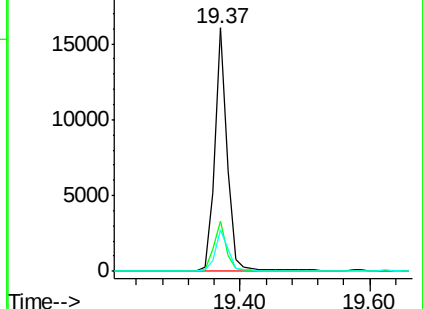
203 17.2 13.8 20.8



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



#26

Terphenyl-d14

Concen: 0.95 ng

RT: 19.59 min Scan# 1137

Delta R.T. 0.00 min

Lab File: BM001221.D

Acq: 06 May 2015 10:39

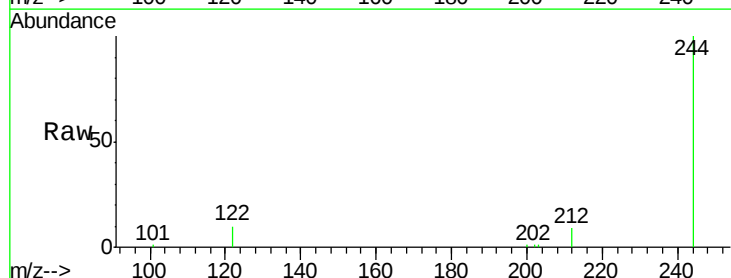
Tgt Ion:244 Resp: 9470

Ion Ratio Lower Upper

244 100

212 9.2 7.4 11.0

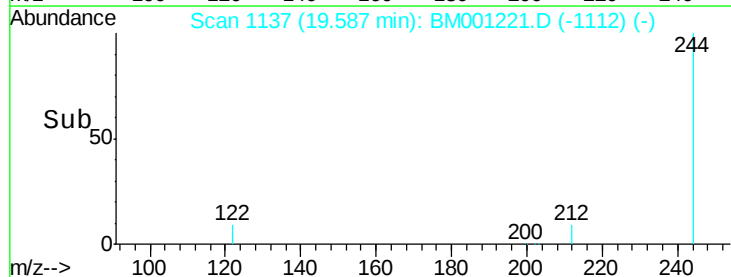
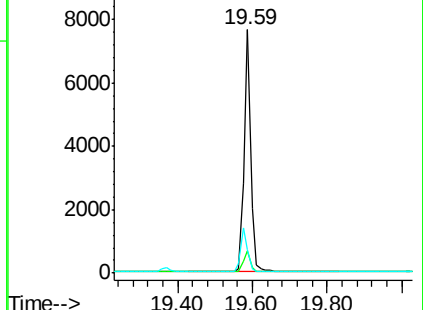
122 9.7 8.2 12.4

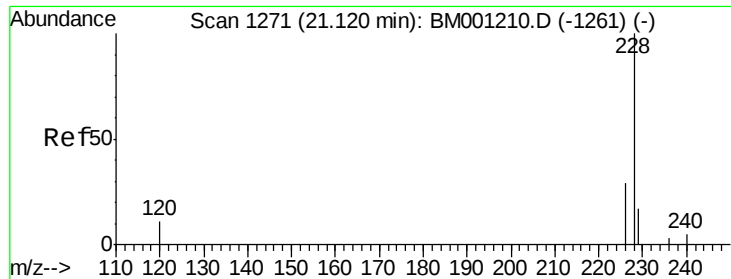


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

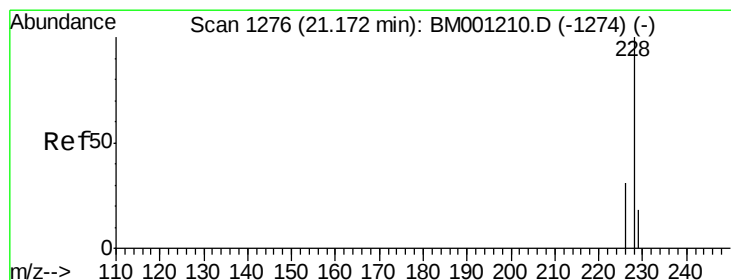
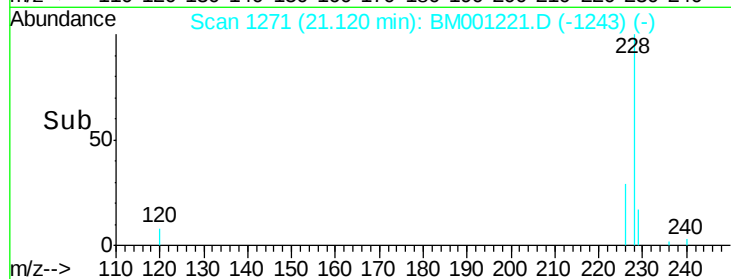
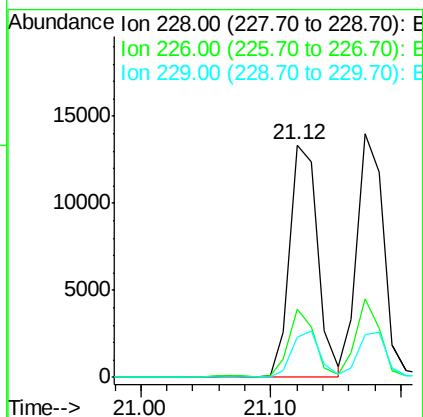
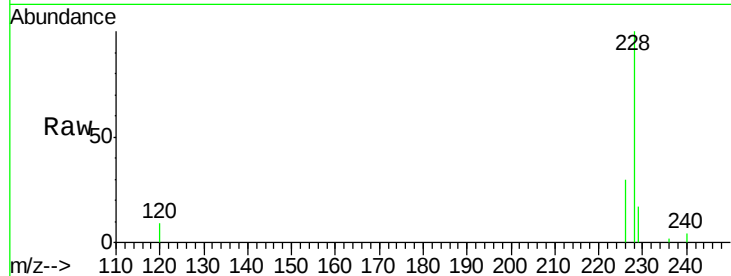




#27
Benzo(a)anthracene
Concen: 0.99 ng
RT: 21.12 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BM001221.D
Acq: 06 May 2015 10:39

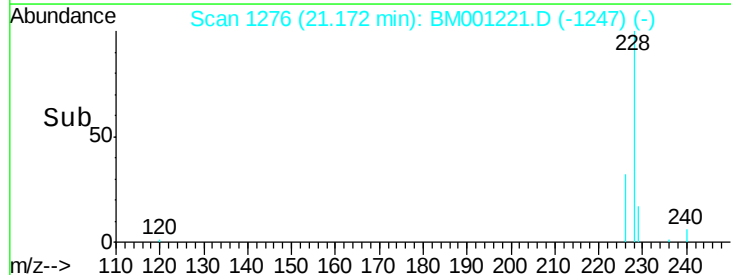
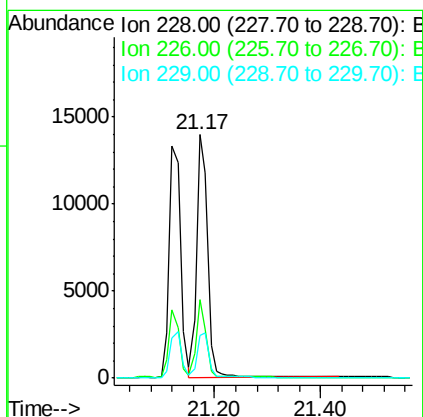
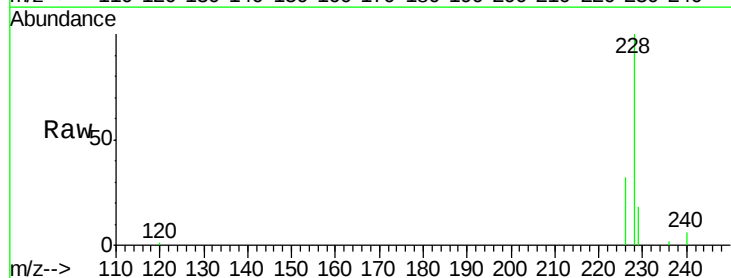
Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

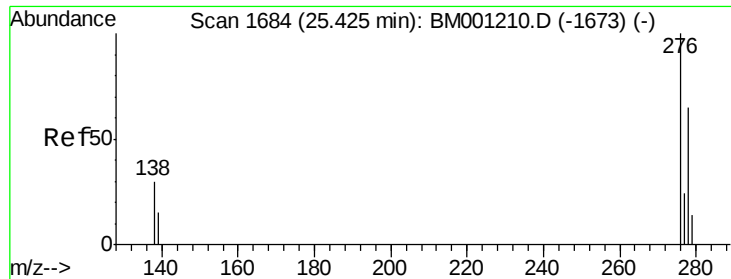
Tgt Ion:228 Resp: 19684
Ion Ratio Lower Upper
228 100
226 29.5 23.0 34.6
229 17.4 14.1 21.1



#28
Chrysene
Concen: 1.04 ng
RT: 21.17 min Scan# 1276
Delta R.T. 0.00 min
Lab File: BM001221.D
Acq: 06 May 2015 10:39

Tgt Ion:228 Resp: 19986
Ion Ratio Lower Upper
228 100
226 32.3 24.9 37.3
229 17.7 14.4 21.6





#29

Indeno(1,2,3-cd)pyrene

Concen: 1.23 ng

RT: 25.43 min Scan# 1684

Delta R.T. 0.00 min

Lab File: BM001221.D

Acq: 06 May 2015 10:39

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

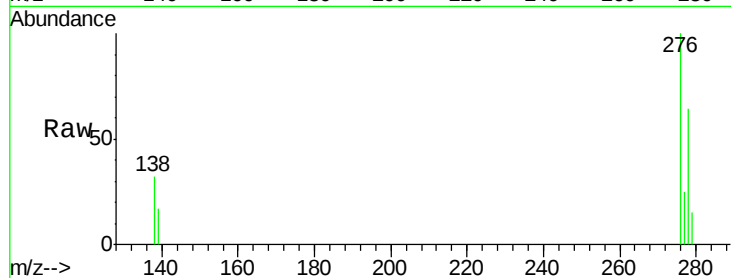
Tgt Ion: 276 Resp: 18637

Ion Ratio Lower Upper

276 100

138 31.2 24.3 36.5

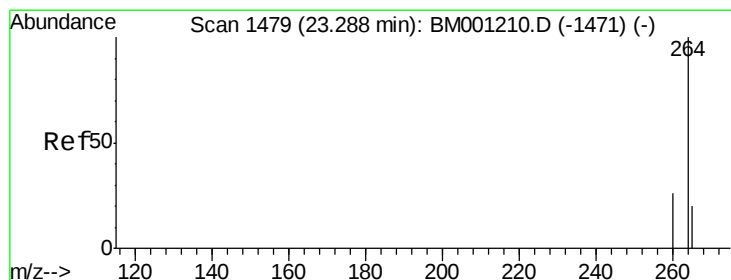
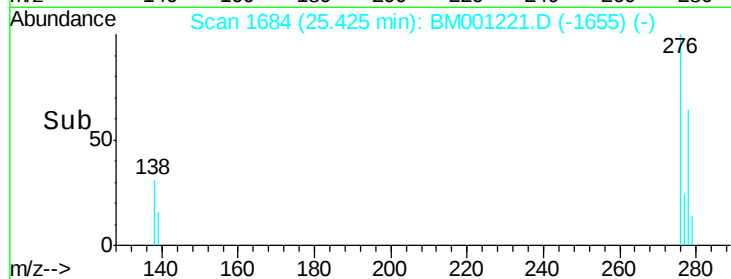
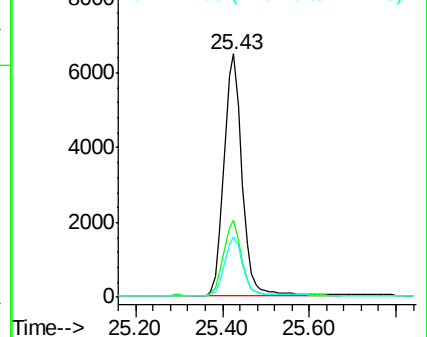
277 24.6 19.6 29.4



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



#30

Perylene-d12

Concen: 5.00 ng

RT: 23.29 min Scan# 1479

Delta R.T. 0.00 min

Lab File: BM001221.D

Acq: 06 May 2015 10:39

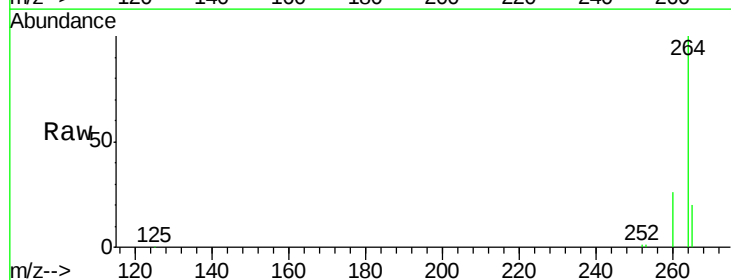
Tgt Ion: 264 Resp: 62568

Ion Ratio Lower Upper

264 100

260 26.4 20.5 30.7

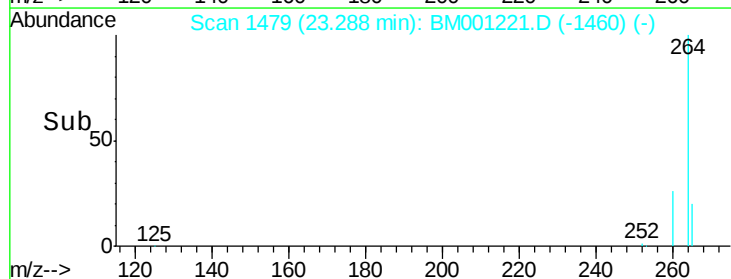
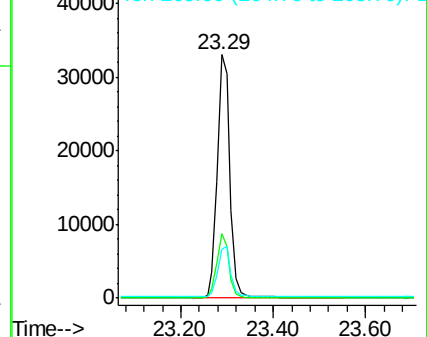
265 20.4 16.8 25.2

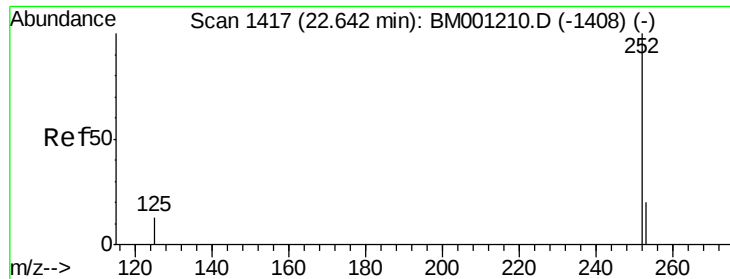


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#31

Benzo(b)fluoranthene

Concen: 1.04 ng

RT: 22.65 min Scan# 1418

Delta R.T. 0.01 min

Lab File: BM001221.D

Acq: 06 May 2015 10:39

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

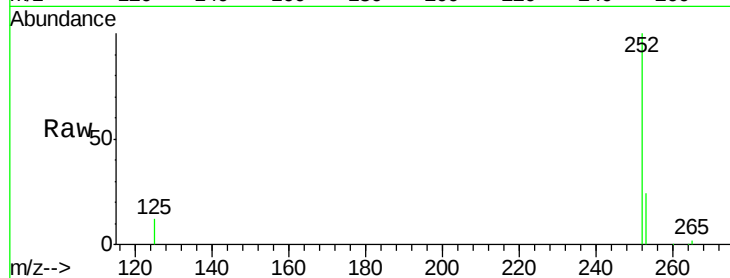
Tgt Ion:252 Resp: 20915

Ion Ratio Lower Upper

252 100

253 24.1 17.1 25.7

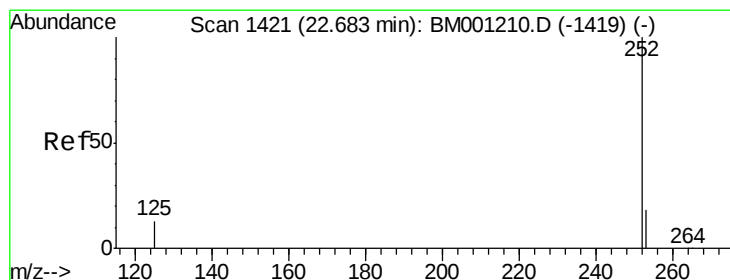
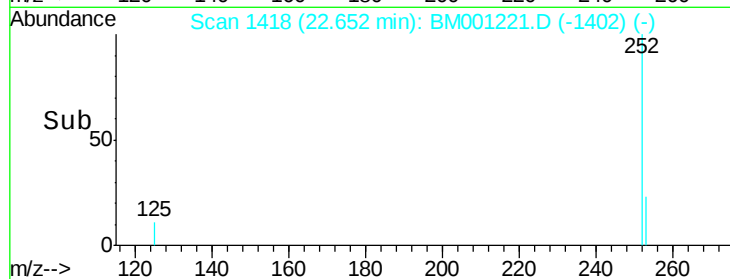
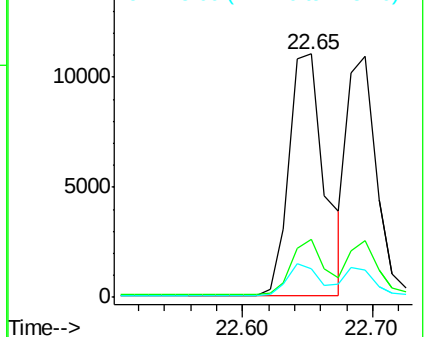
125 11.8 10.9 16.3



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



#32

Benzo(k)fluoranthene

Concen: 0.94 ng

RT: 22.69 min Scan# 1422

Delta R.T. 0.01 min

Lab File: BM001221.D

Acq: 06 May 2015 10:39

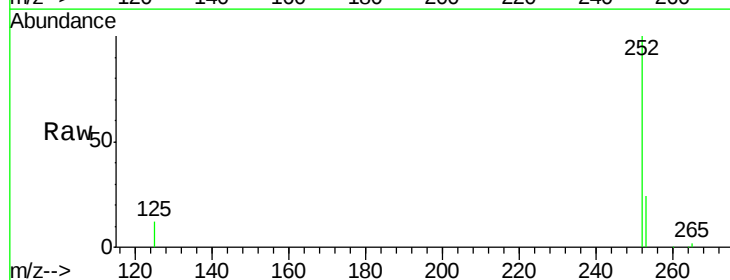
Tgt Ion:252 Resp: 17265

Ion Ratio Lower Upper

252 100

253 23.8 17.3 25.9

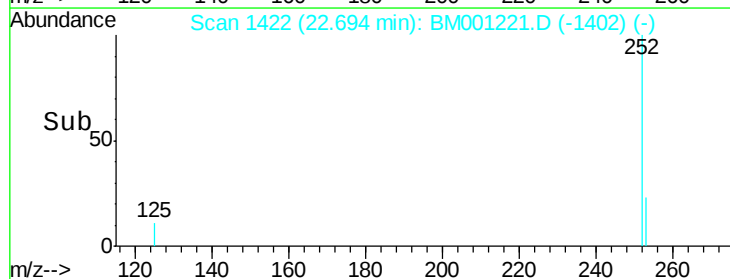
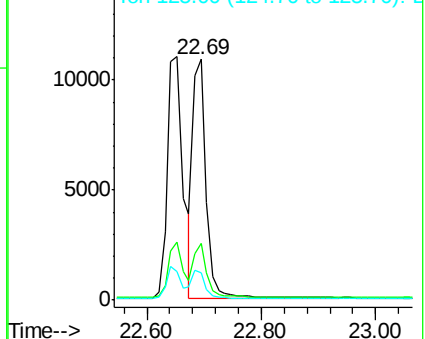
125 11.5 10.2 15.4

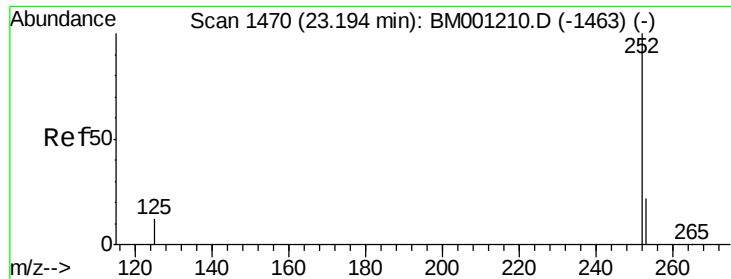


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#33

Benzo(a)pyrene

Concen: 1.01 ng

RT: 23.19 min Scan# 1470

Delta R.T. 0.00 min

Lab File: BM001221.D

Acq: 06 May 2015 10:39

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

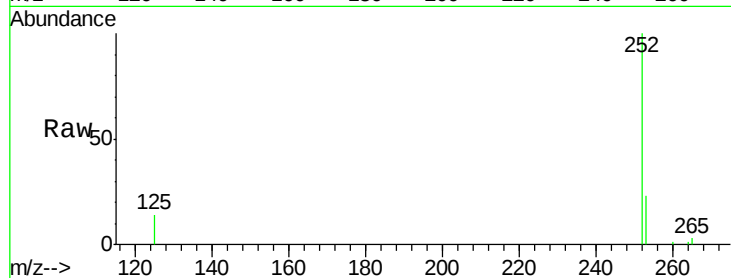
Tgt Ion:252 Resp: 16725

Ion Ratio Lower Upper

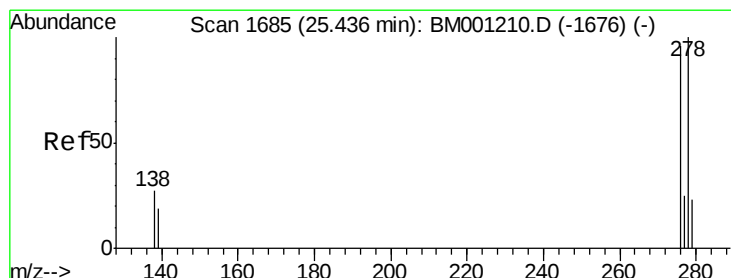
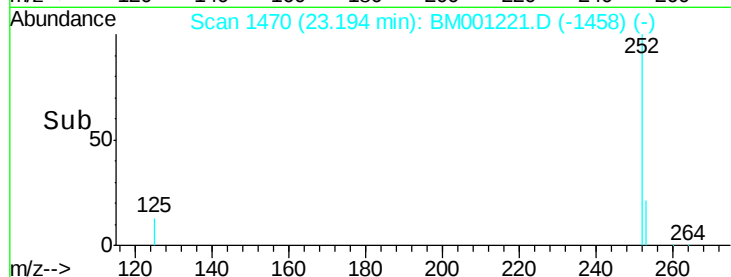
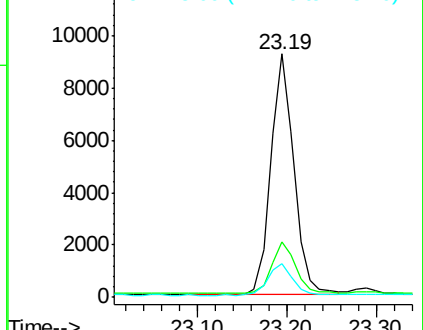
252 100

253 22.8 18.6 28.0

125 14.0 10.6 16.0



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



#34

Dibenzo(a,h)anthracene

Concen: 1.07 ng

RT: 25.44 min Scan# 1685

Delta R.T. 0.00 min

Lab File: BM001221.D

Acq: 06 May 2015 10:39

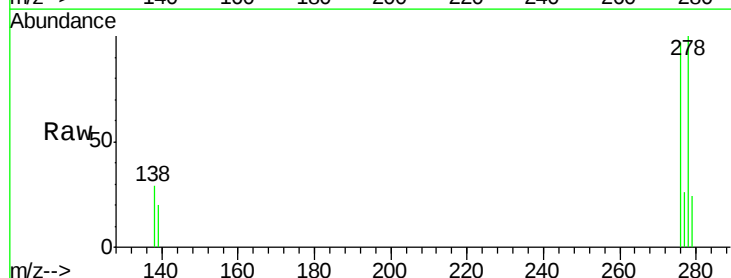
Tgt Ion:278 Resp: 14433

Ion Ratio Lower Upper

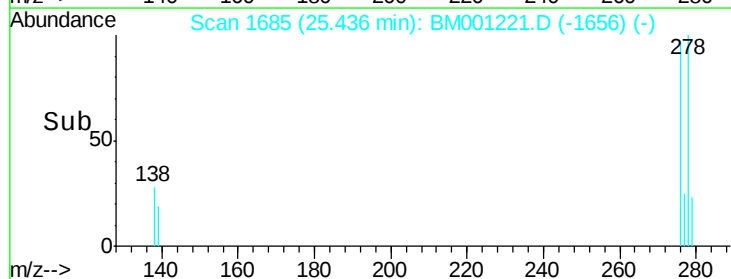
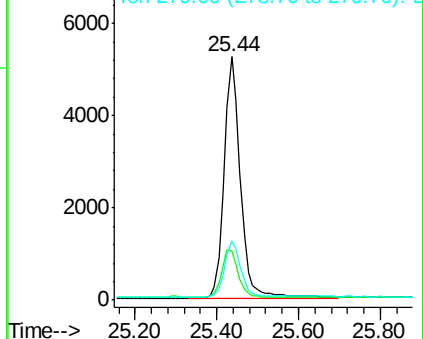
278 100

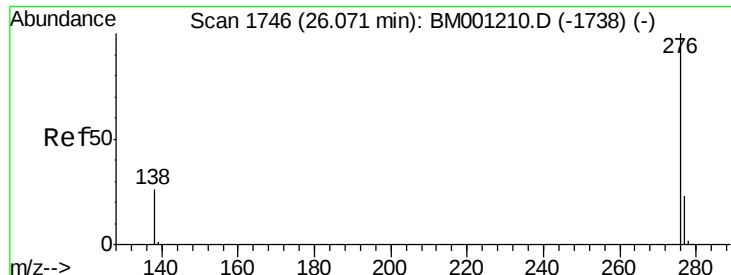
139 20.3 16.2 24.4

279 24.2 19.5 29.3



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





#35

Benzo(g,h,i)perylene

Concen: 1.10 ng

RT: 26.07 min Scan# 1746

Delta R.T. 0.00 min

Lab File: BM001221.D

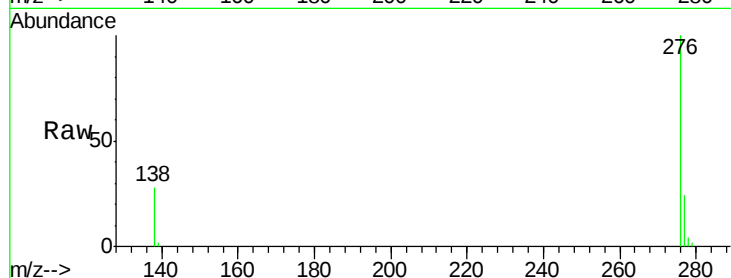
Acq: 06 May 2015 10:39

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001



Tgt Ion: 276 Resp: 15367

Ion Ratio Lower Upper

276 100

277 23.5 19.0 28.6

138 28.0 21.8 32.8

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

