

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101615\
 Data File : BM002930.D
 Acq On : 16 Oct 2015 11:45
 Operator : UM/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001

Quant Time: Oct 16 22:57:33 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM101515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 15 16:21:18 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	88062	5.00	ng	0.00
7) Naphthalene-d8	11.49	136	362952	5.00	ng	-0.01
13) Acenaphthene-d10	15.23	164	193640	5.00	ng	0.00
19) Phenanthrene-d10	17.95	188	485971	5.00	ng	0.00
26) Chrysene-d12	22.03	240	384505	5.00	ng	0.00
35) Perylene-d12	24.60	264	322680	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	6.15	112	16210	0.98	ng	-0.01
5) Phenol-d6	7.79	99	21771	1.04	ng	-0.02
8) Nitrobenzene-d5	9.86	82	16989	0.98	ng	-0.03
14) 2,4,6-Tribromophenol	16.71	330	5853	0.91	ng	0.00
15) 2-Fluorobiphenyl	13.87	172	60750	0.98	ng	-0.01
29) Terphenyl-d14	20.48	244	59133	1.03	ng	0.00

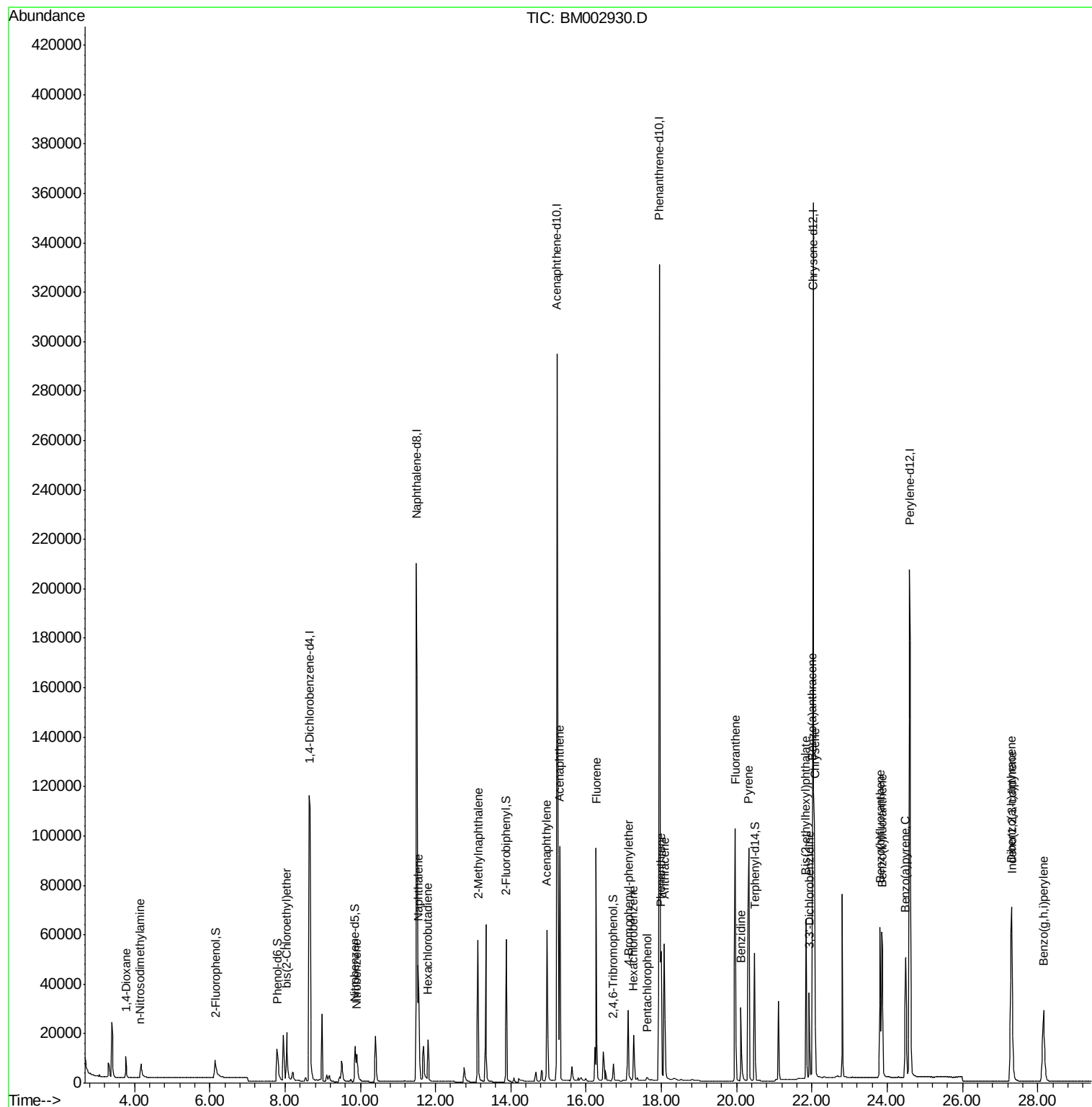
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.77	88	7581	0.94	ng	99
3) n-Nitrosodimethylamine	4.16	42	6452	1.03	ng	99
6) bis(2-Chloroethyl)ether	8.04	93	20274	1.01	ng	99
9) Nitrobenzene	9.91	77	18066	0.98	ng	99
10) Naphthalene	11.54	128	78644	0.98	ng	96
11) Hexachlorobutadiene	11.80	225	12708	0.98	ng	100
12) 2-Methylnaphthalene	13.12	142	53181	0.98	ng	96
16) Acenaphthylene	14.96	152	83306	0.98	ng	99
17) Acenaphthene	15.29	154	55542	0.96	ng	# 100
18) Fluorene	16.27	166	68850	1.00	ng	99
20) 4-Bromophenyl-phenylether	17.13	248	19509	0.97	ng	# 54
21) Hexachlorobenzene	17.26	284	19097	0.99	ng	# 75
22) Pentachlorophenol	17.61	266	2201	1.18	ng	91
23) Phenanthrene	18.00	178	99524	0.88	ng	99
24) Anthracene	18.07	178	94175	0.87	ng	97
25) Fluoranthene	19.96	202	114107	0.91	ng	100
27) Benzidine	20.12	184	42885	0.89	ng	99
28) Pyrene	20.32	202	118610	1.05	ng	100
30) Benzo(a)anthracene	22.01	228	109476	0.99	ng	# 90
31) 3,3'-Dichlorobenzidine	21.93	252	36057	0.96	ng	# 84
32) Chrysene	22.07	228	99754	0.96	ng	93
33) Bis(2-ethylhexyl)phthalate	21.85	149	69002	1.06	ng	# 92
34) Indeno(1,2,3-cd)pyrene	27.31	276	89325	0.84	ng	98
36) Benzo(b)fluoranthene	23.81	252	95653	1.03	ng	98
37) Benzo(k)fluoranthene	23.86	252	89676	0.99	ng	98
38) Benzo(a)pyrene	24.48	252	81673	1.00	ng	97
39) Dibenzo(a,h)anthracene	27.30	278	71202	0.91	ng	99
40) Benzo(g,h,i)perylene	28.15	276	72737	0.89	ng	98

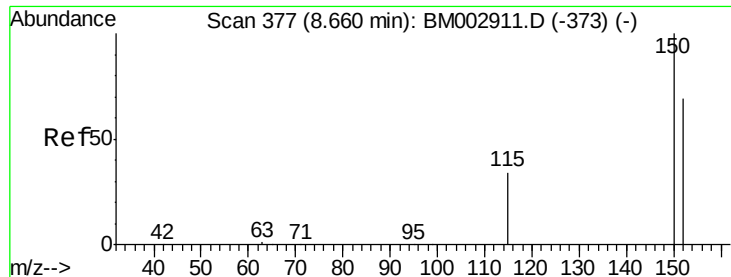
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.66 min Scan# 377

Delta R.T. 0.00 min

Lab File: BM002930.D

Acq: 16 Oct 2015 11:45

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

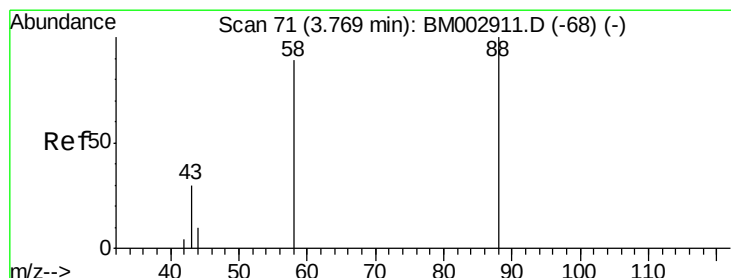
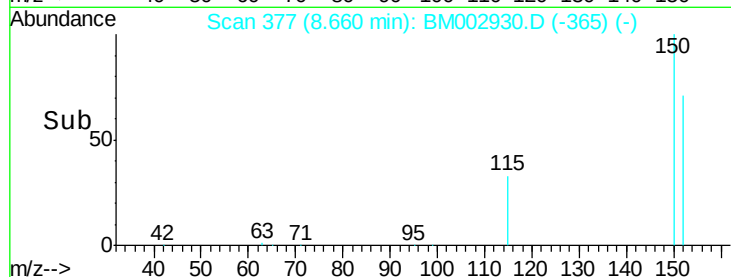
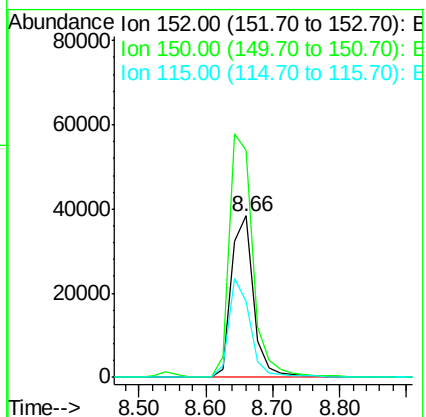
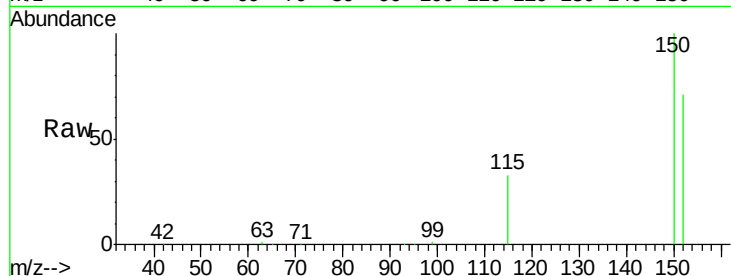
Tot Ion:152 Resp: 88062

Ion Ratio Lower Upper

152 100

150 141.0 113.0 169.6

115 47.0 37.9 56.9



#2

1,4-Dioxane

Concen: 0.94 ng

RT: 3.77 min Scan# 71

Delta R.T. 0.00 min

Lab File: BM002930.D

Acq: 16 Oct 2015 11:45

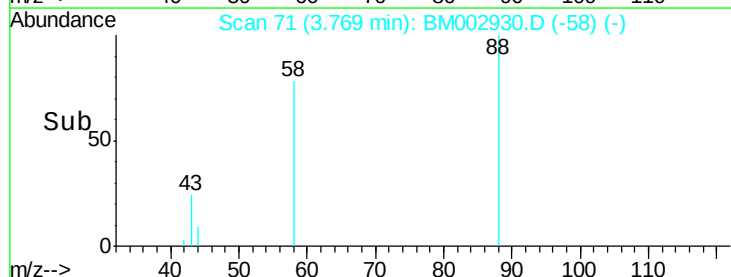
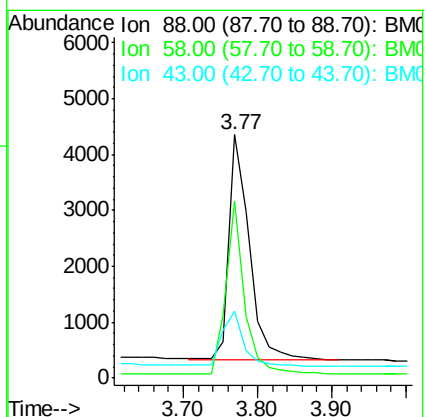
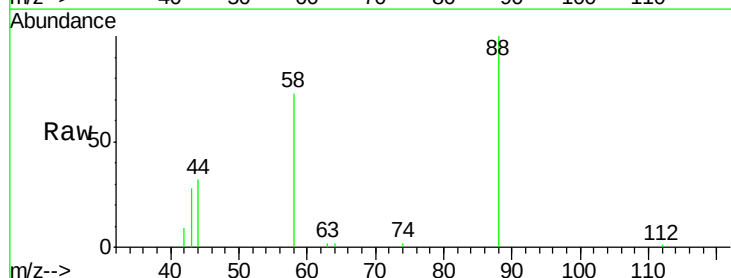
Tgt Ion: 88 Resp: 7581

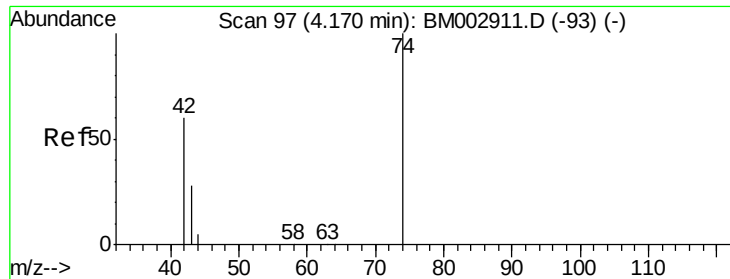
Ion Ratio Lower Upper

88 100

58 70.6 56.7 85.1

43 25.9 22.0 33.0



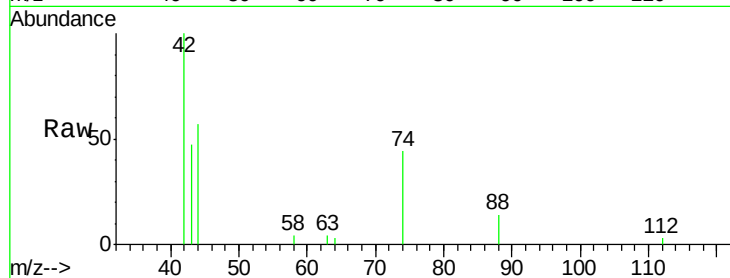


#3

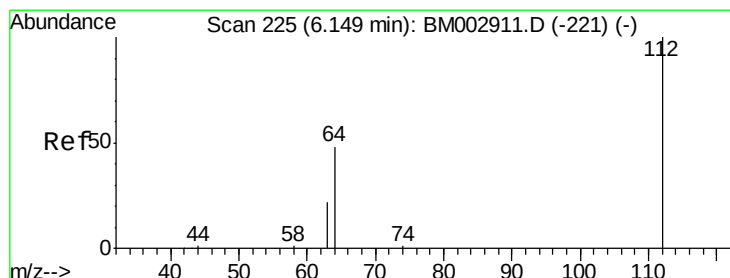
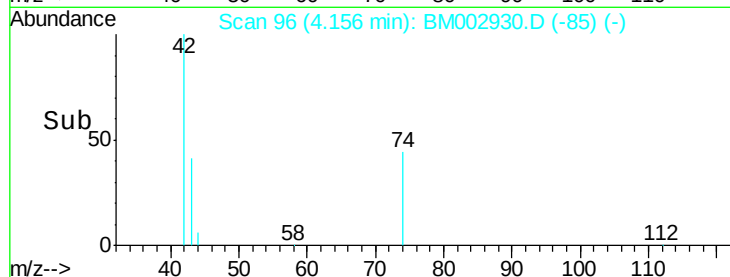
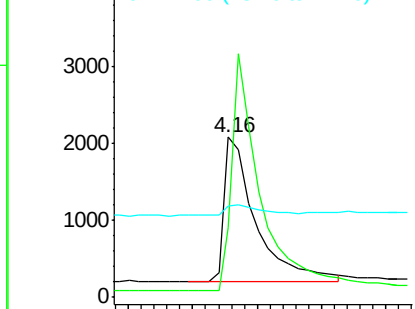
n-Nitrosodimethylamine
Concen: 1.03 ng
RT: 4.16 min Scan# 96
Delta R.T. -0.03 min
Lab File: BM002930.D
Acq: 16 Oct 2015 11:45

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tot Ion: 42 Resp: 6452
Ion Ratio Lower Upper
42 100
74 148.2 119.7 179.5
44 10.4 9.8 14.6



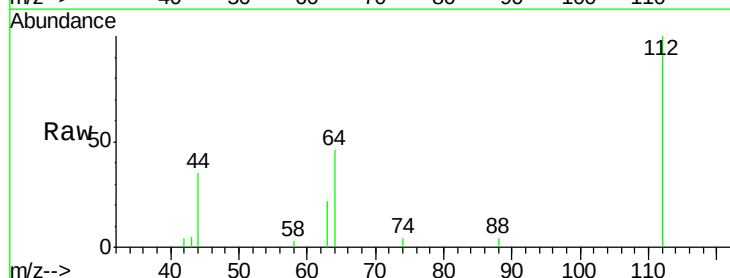
Abundance Ion 42.00 (41.70 to 42.70): BM002911.D (-93) (-)
Ion 74.00 (73.70 to 74.70): BM002911.D (-93) (-)
Ion 44.00 (43.70 to 44.70): BM002911.D (-93) (-)



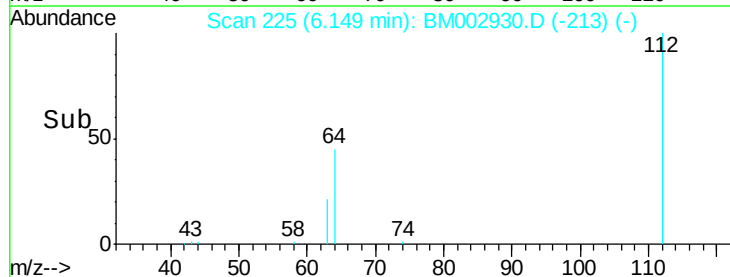
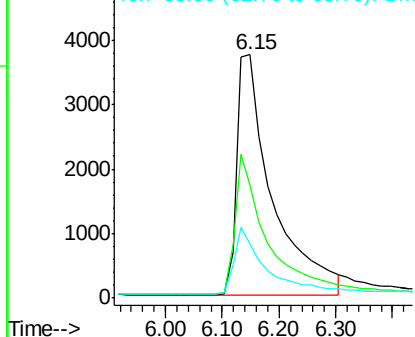
#4

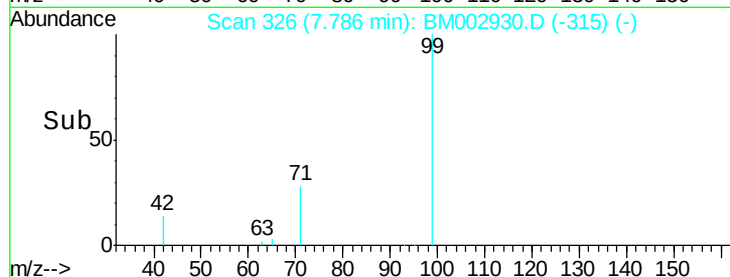
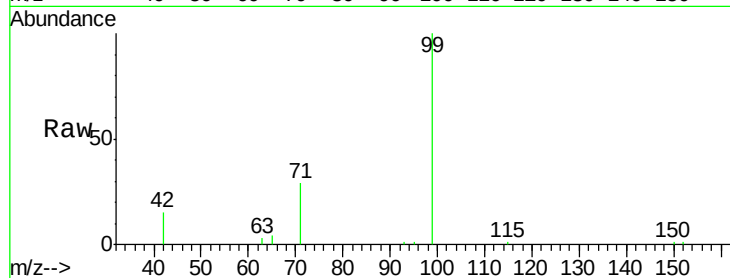
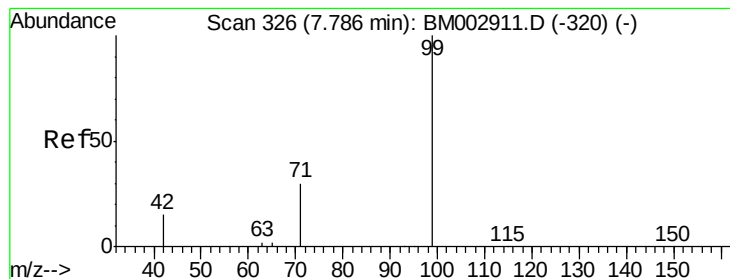
2-Fluorophenol
Concen: 0.98 ng
RT: 6.15 min Scan# 225
Delta R.T. -0.01 min
Lab File: BM002930.D
Acq: 16 Oct 2015 11:45

Tgt Ion: 112 Resp: 16210
Ion Ratio Lower Upper
112 100
64 51.9 42.0 63.0
63 24.7 20.0 30.0



Abundance Ion 112.00 (111.70 to 112.70): BM002911.D (-221) (-)
Ion 64.00 (63.70 to 64.70): BM002911.D (-221) (-)
Ion 63.00 (62.70 to 63.70): BM002911.D (-221) (-)





#5

Phenol-d6

Concen: 1.04 ng

RT: 7.79 min Scan# 326

Delta R.T. -0.02 min

Lab File: BM002930.D

Acq: 16 Oct 2015 11:45

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

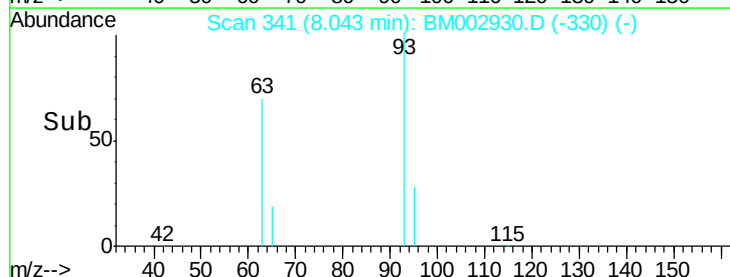
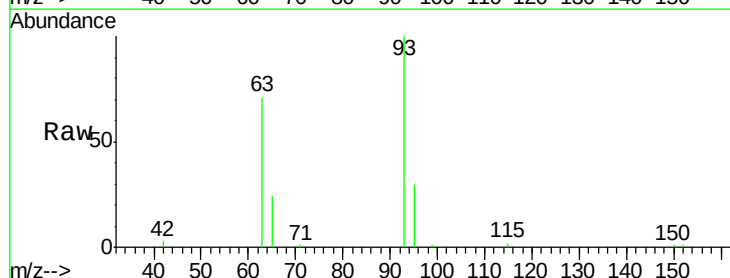
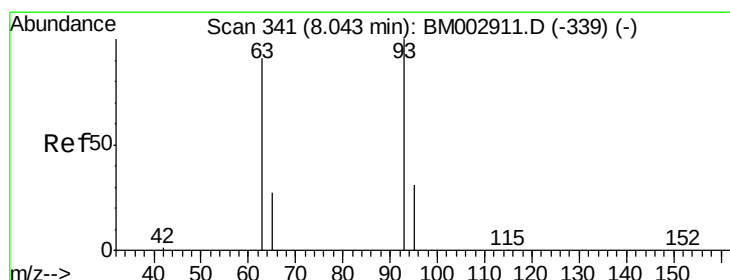
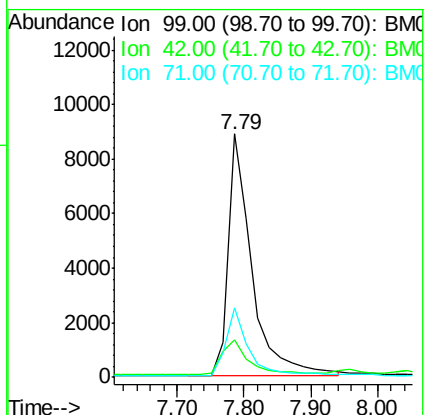
Tot Ion: 99 Resp: 21771

Ion Ratio Lower Upper

99 100

42 15.7 12.4 18.6

71 27.0 21.4 32.0



#6

bis(2-Chloroethyl)ether

Concen: 1.01 ng

RT: 8.04 min Scan# 341

Delta R.T. -0.02 min

Lab File: BM002930.D

Acq: 16 Oct 2015 11:45

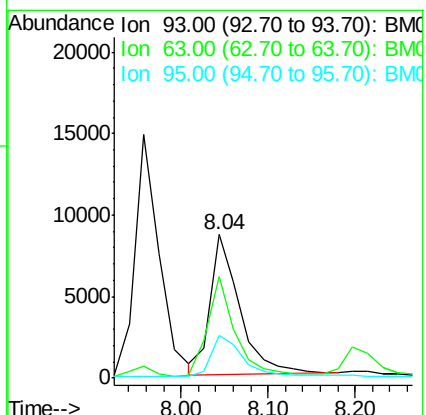
Tgt Ion: 93 Resp: 20274

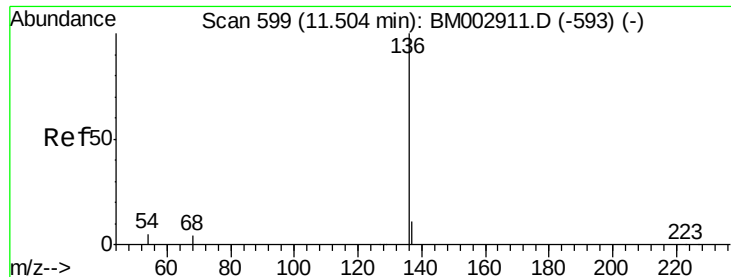
Ion Ratio Lower Upper

93 100

63 66.9 52.9 79.3

95 32.3 25.2 37.8





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 11.49 min Scan# 599

Delta R.T. -0.01 min

Lab File: BM002930.D

Acq: 16 Oct 2015 11:45

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

Tot Ion:136 Resp: 362952

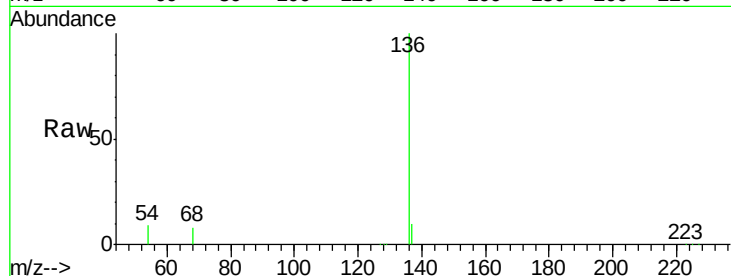
Ion Ratio Lower Upper

136 100

137 10.1 9.1 13.7

54 9.2 3.5 5.3#

68 7.5 3.3 4.9#

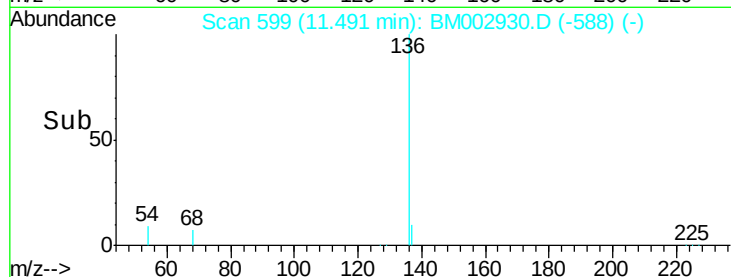


Abundance Ion 136.00 (135.70 to 136.70): E

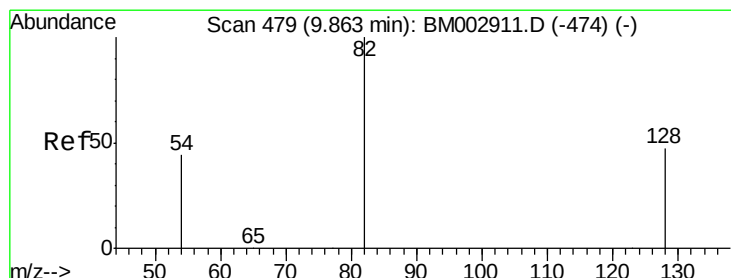
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



Time-->



#8

Nitrobenzene-d5

Concen: 0.98 ng

RT: 9.86 min Scan# 479

Delta R.T. -0.03 min

Lab File: BM002930.D

Acq: 16 Oct 2015 11:45

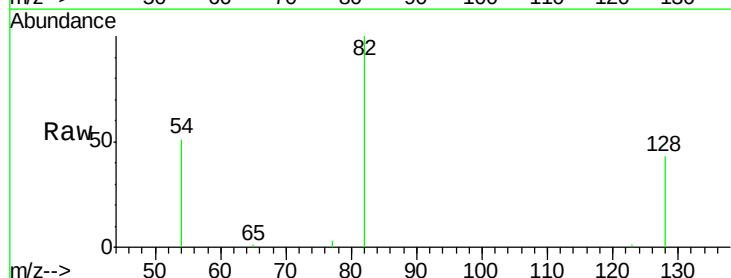
Tgt Ion: 82 Resp: 16989

Ion Ratio Lower Upper

82 100

128 42.8 34.1 51.1

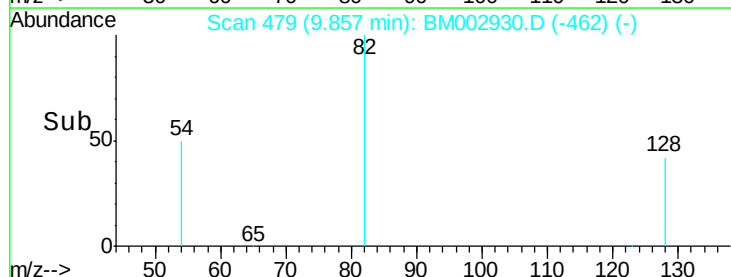
54 50.7 42.6 63.8



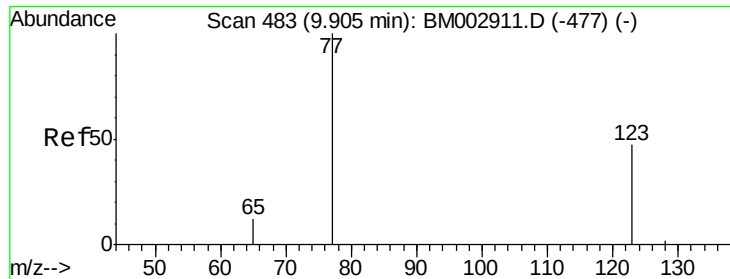
Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM



Time-->



#9

Nitrobenzene

Concen: 0.98 ng

RT: 9.91 min Scan# 484

Delta R.T. -0.02 min

Lab File: BM002930.D

Acq: 16 Oct 2015 11:45

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

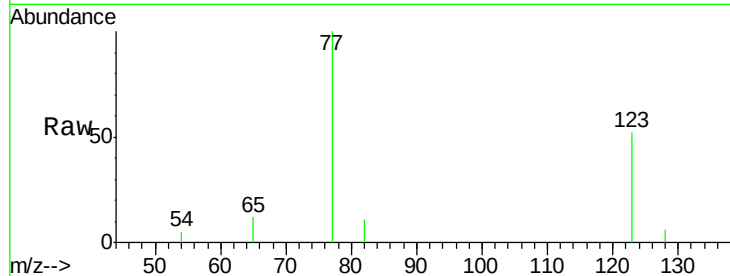
Tot Ion: 77 Resp: 18066

Ion Ratio Lower Upper

77 100

123 50.6 41.0 61.4

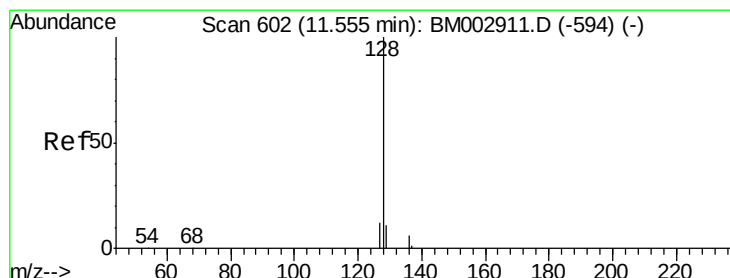
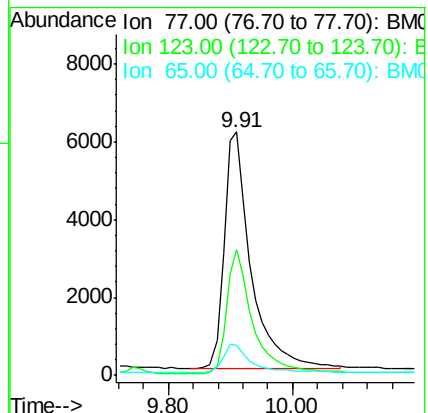
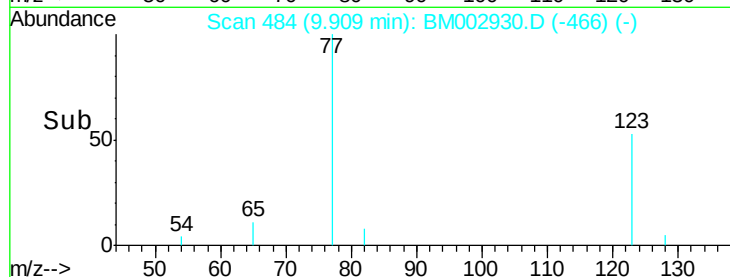
65 12.0 9.7 14.5



Abundance Ion 77.00 (76.70 to 77.70): BM002930.D (-477) (-)

Ion 123.00 (122.70 to 123.70): BM002930.D (-477) (-)

Ion 65.00 (64.70 to 65.70): BM002930.D (-477) (-)



#10

Naphthalene

Concen: 0.98 ng

RT: 11.54 min Scan# 602

Delta R.T. -0.01 min

Lab File: BM002930.D

Acq: 16 Oct 2015 11:45

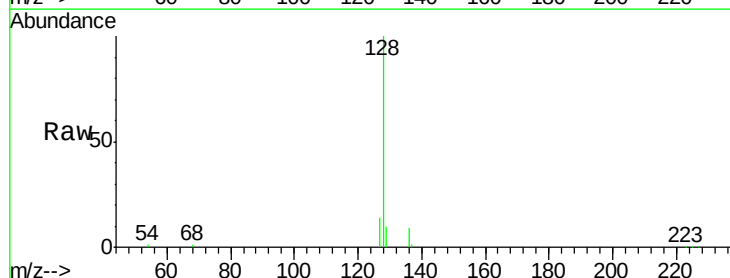
Tgt Ion: 128 Resp: 78644

Ion Ratio Lower Upper

128 100

129 10.5 9.4 14.2

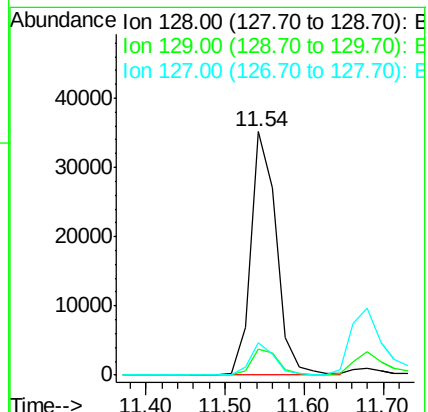
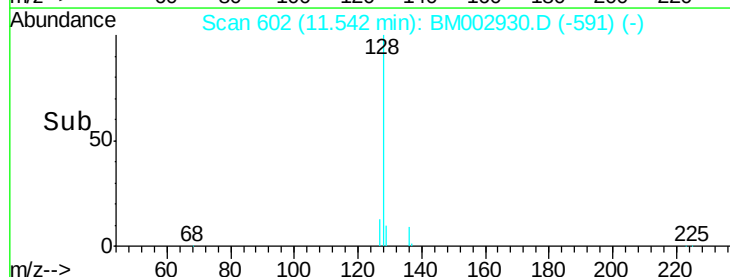
127 13.5 9.6 14.4

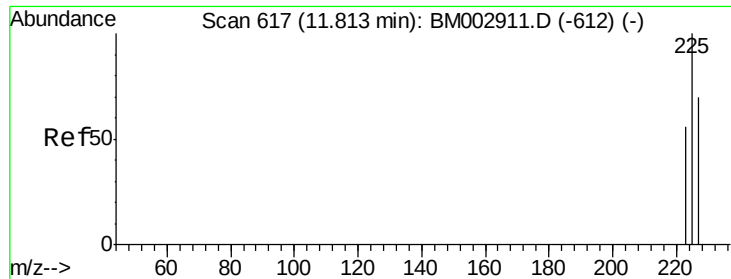


Abundance Ion 128.00 (127.70 to 128.70): BM002930.D (-594) (-)

Ion 129.00 (128.70 to 129.70): BM002930.D (-594) (-)

Ion 127.00 (126.70 to 127.70): BM002930.D (-594) (-)

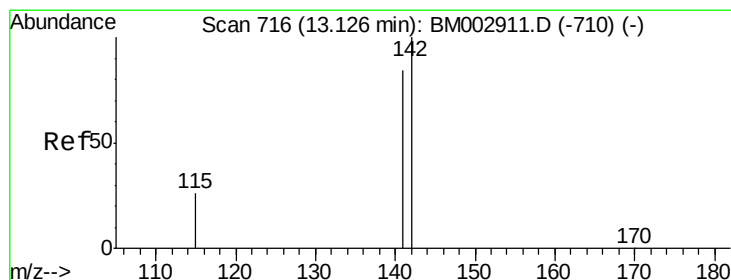
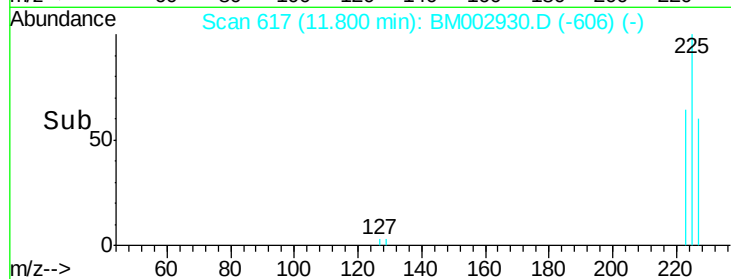
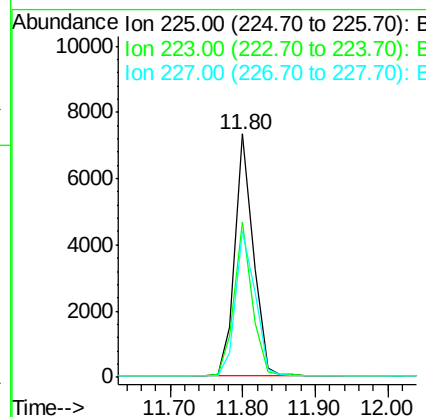
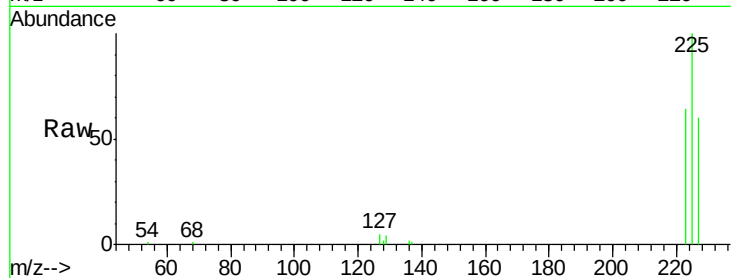




#11
Hexachlorobutadiene
Concen: 0.98 ng
RT: 11.80 min Scan# 617
Delta R.T. -0.01 min
Lab File: BM002930.D
Acq: 16 Oct 2015 11:45

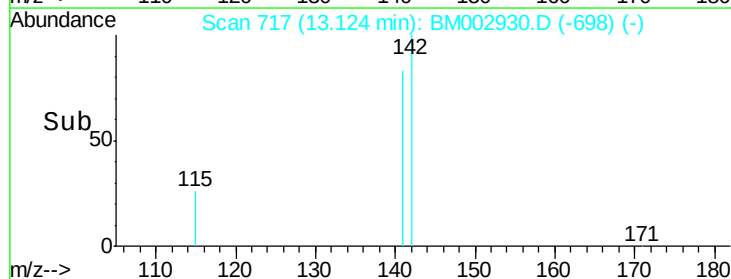
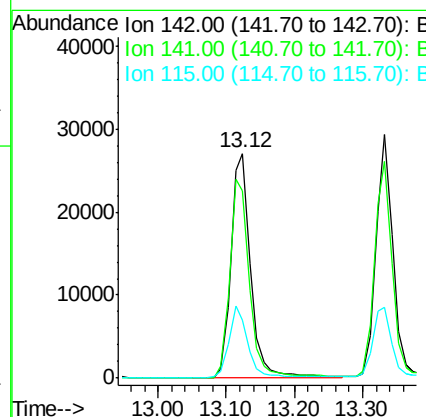
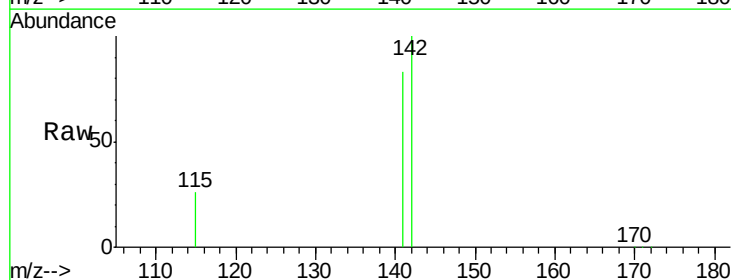
Instrument :
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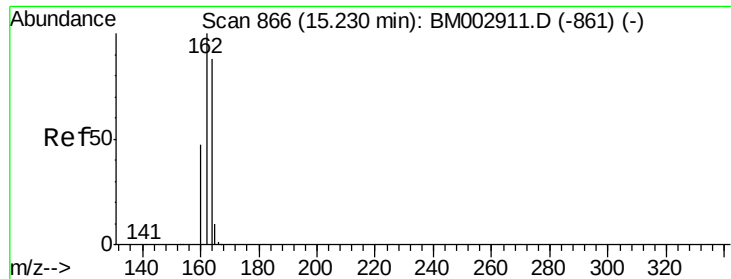
Tot Ion:225 Resp: 12708
Ion Ratio Lower Upper
225 100
223 62.2 50.1 75.1
227 63.7 51.2 76.8



#12
2-Methylnaphthalene
Concen: 0.98 ng
RT: 13.12 min Scan# 717
Delta R.T. -0.00 min
Lab File: BM002930.D
Acq: 16 Oct 2015 11:45

Tgt Ion:142 Resp: 53181
Ion Ratio Lower Upper
142 100
141 83.2 69.4 104.0
115 26.0 22.7 34.1





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 15.23 min Scan# 867

Delta R.T. -0.00 min

Lab File: BM002930.D

Acq: 16 Oct 2015 11:45

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

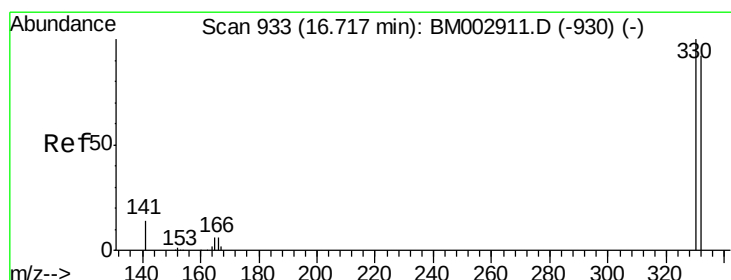
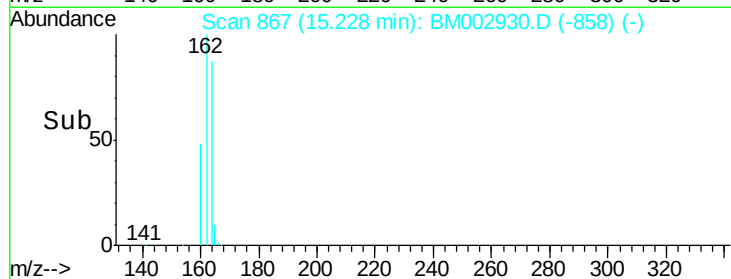
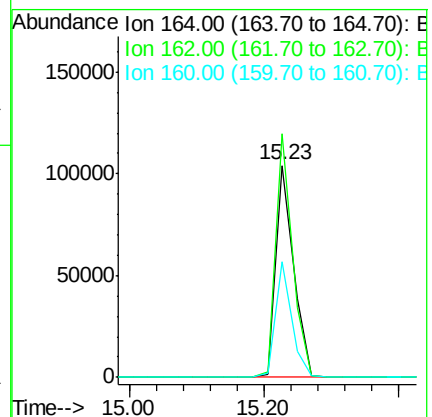
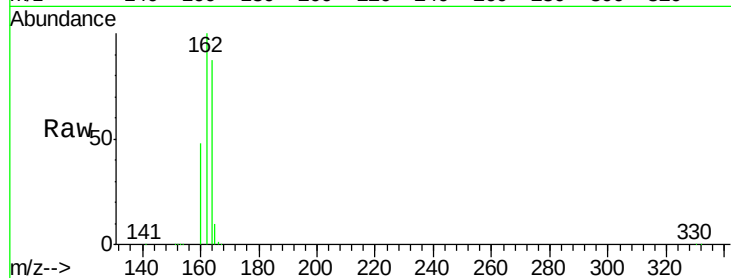
Tot Ion:164 Resp: 193640

Ion Ratio Lower Upper

164 100

162 114.8 79.6 119.4

160 54.8 33.1 49.7#



#14

2,4,6-Tribromophenol

Concen: 0.91 ng

RT: 16.71 min Scan# 934

Delta R.T. -0.00 min

Lab File: BM002930.D

Acq: 16 Oct 2015 11:45

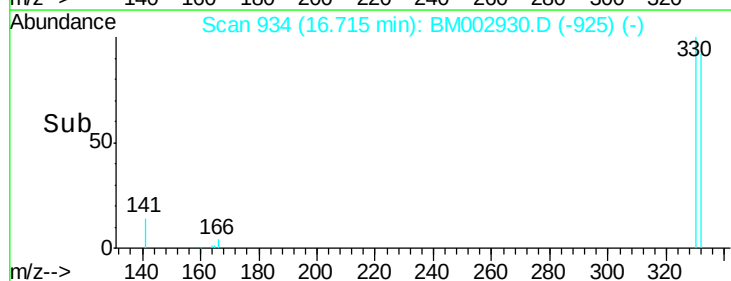
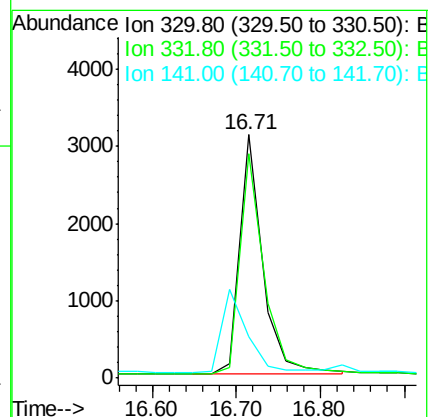
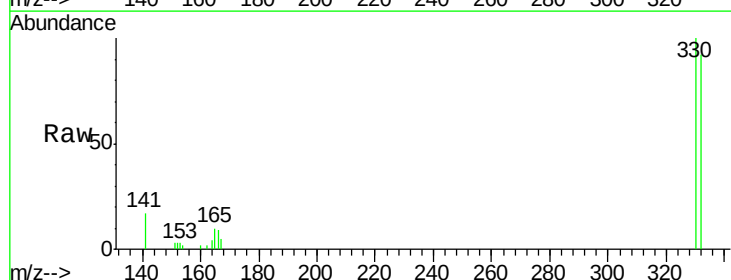
Tgt Ion:330 Resp: 5853

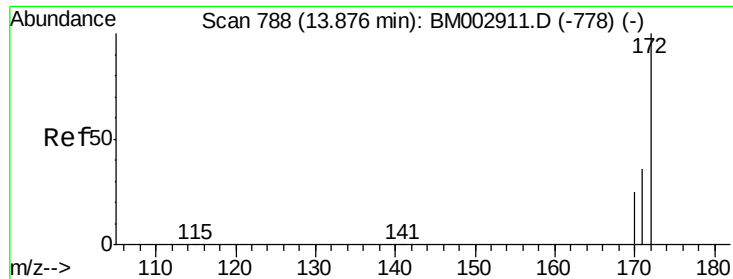
Ion Ratio Lower Upper

330 100

332 96.3 76.6 115.0

141 0.0 0.0 0.0

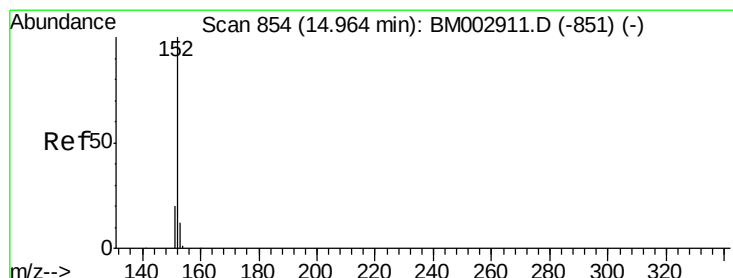
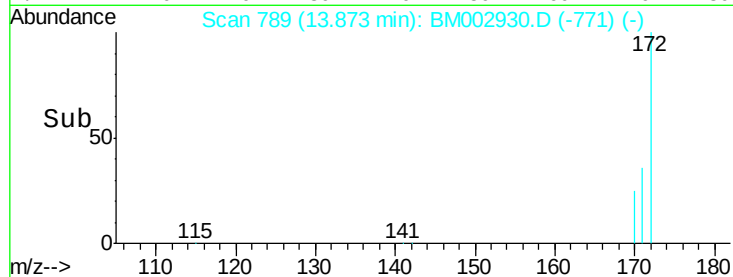
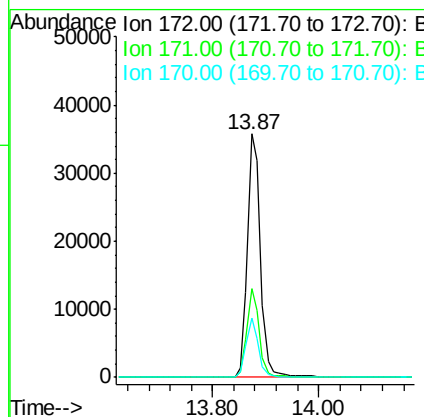
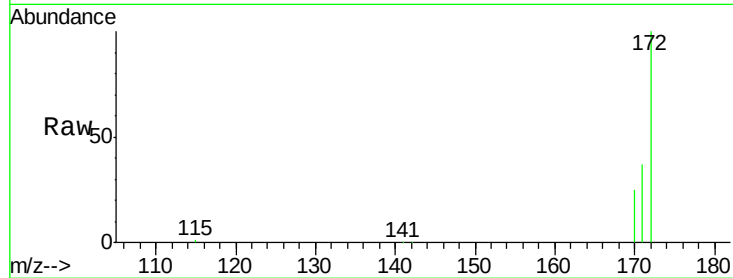




#15
2-Fluorobiphenyl
Concen: 0.98 ng
RT: 13.87 min Scan# 789
Delta R.T. -0.01 min
Lab File: BM002930.D
Acq: 16 Oct 2015 11:45

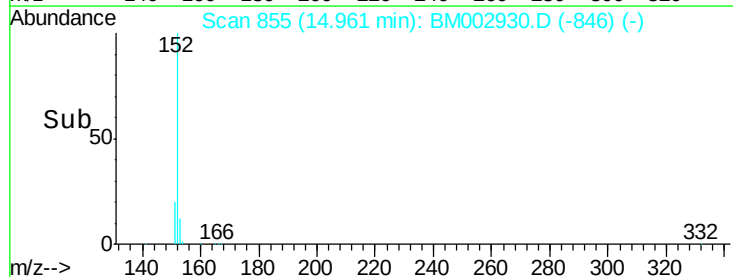
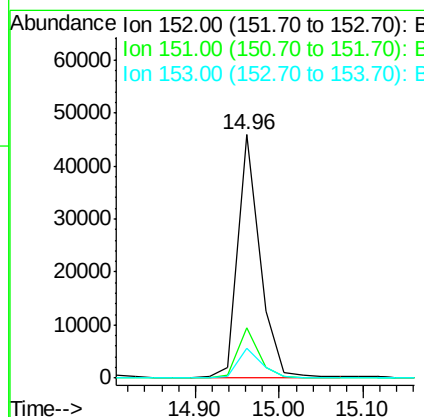
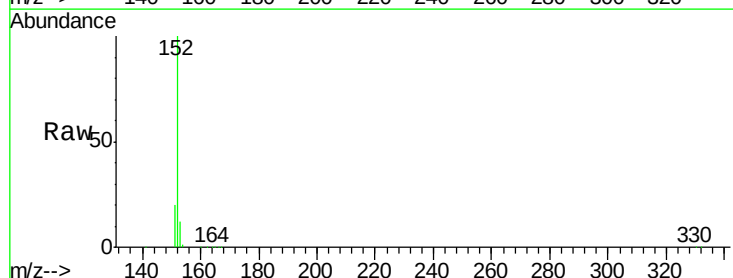
Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

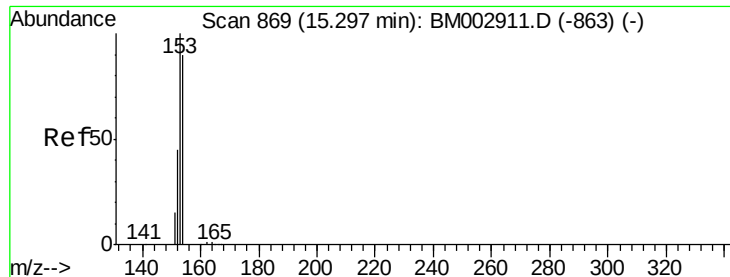
Tot Ion:172 Resp: 60750
Ion Ratio Lower Upper
172 100
171 36.5 26.1 39.1
170 24.6 15.7 23.5#



#16
Acenaphthylene
Concen: 0.98 ng
RT: 14.96 min Scan# 855
Delta R.T. -0.00 min
Lab File: BM002930.D
Acq: 16 Oct 2015 11:45

Tgt Ion:152 Resp: 83306
Ion Ratio Lower Upper
152 100
151 19.5 15.3 22.9
153 12.8 10.5 15.7

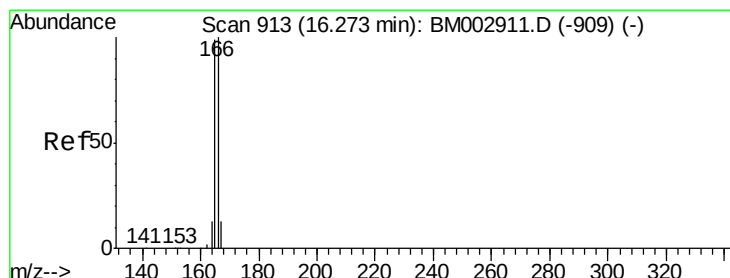
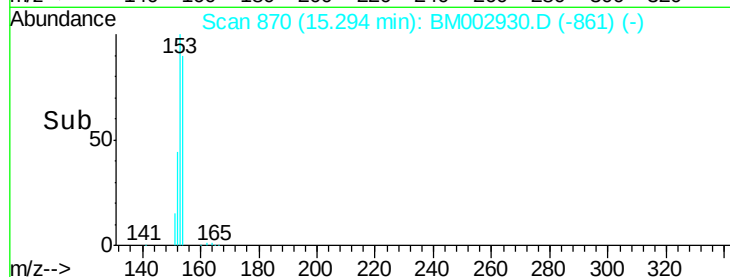
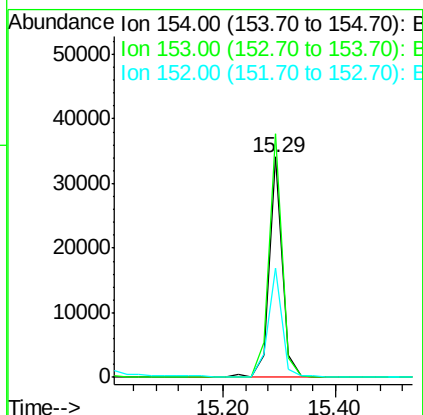
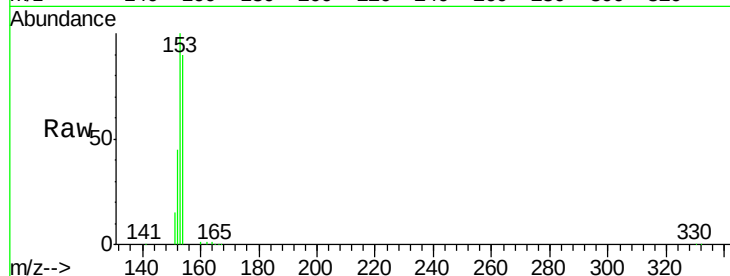




#17
Acenaphthene
Concen: 0.96 ng
RT: 15.29 min Scan# 870
Delta R.T. -0.00 min
Lab File: BM002930.D
Acq: 16 Oct 2015 11:45

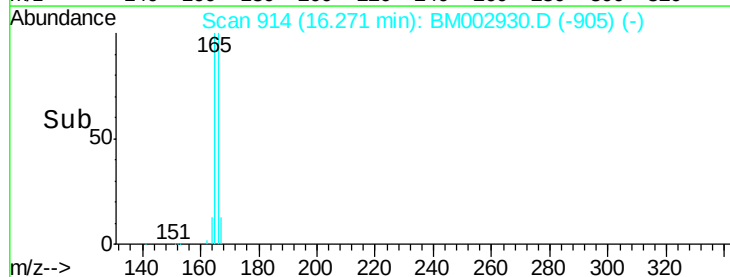
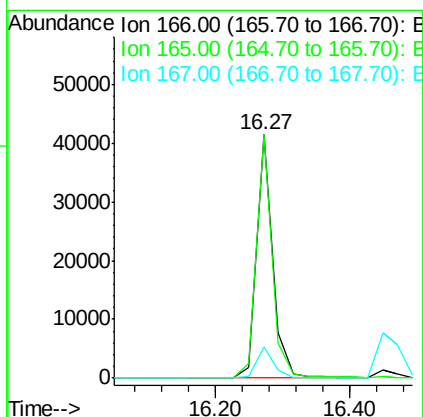
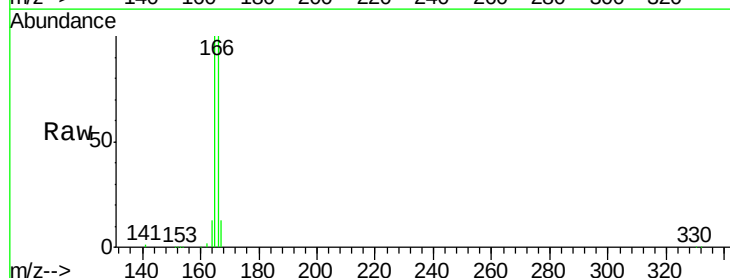
Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

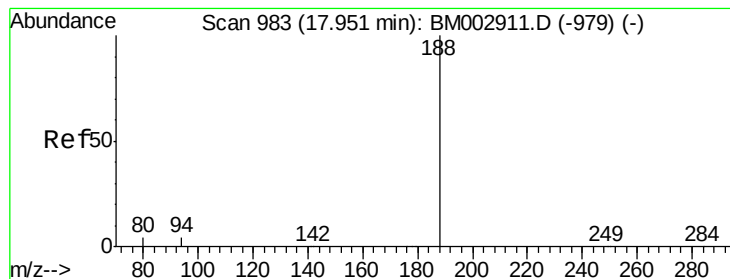
Tot Ion:154 Resp: 55542
Ion Ratio Lower Upper
154 100
153 110.8 0.0 0.0#
152 51.3 0.0 0.0#



#18
Fluorene
Concen: 1.00 ng
RT: 16.27 min Scan# 914
Delta R.T. -0.00 min
Lab File: BM002930.D
Acq: 16 Oct 2015 11:45

Tgt Ion:166 Resp: 68850
Ion Ratio Lower Upper
166 100
165 97.7 77.3 115.9
167 13.3 10.9 16.3





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.95 min Scan# 984

Delta R.T. -0.01 min

Lab File: BM002930.D

Acq: 16 Oct 2015 11:45

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

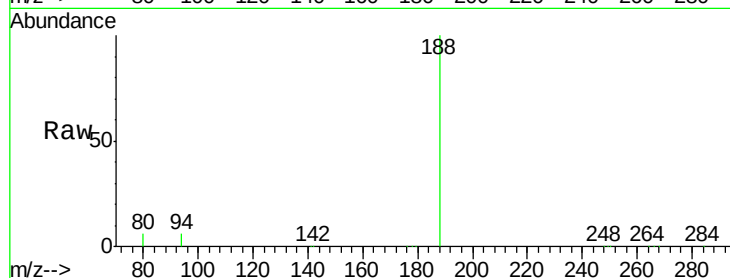
Tot Ion:188 Resp: 485971

Ion Ratio Lower Upper

188 100

94 6.4 15.2 22.8#

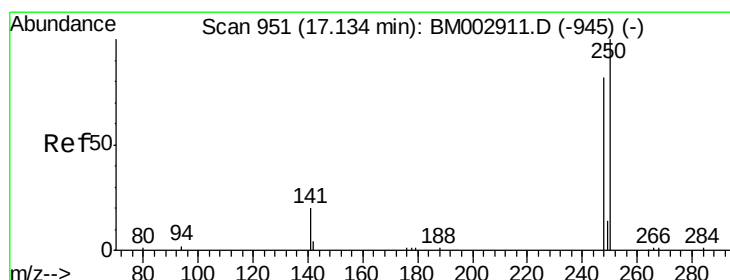
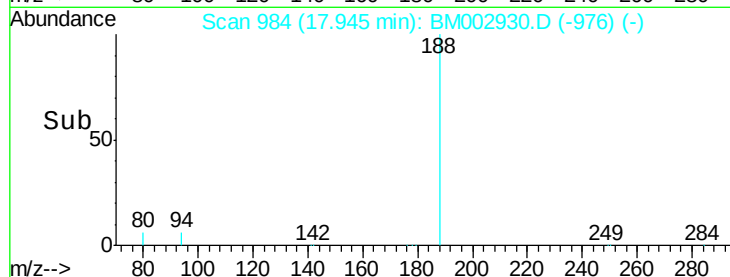
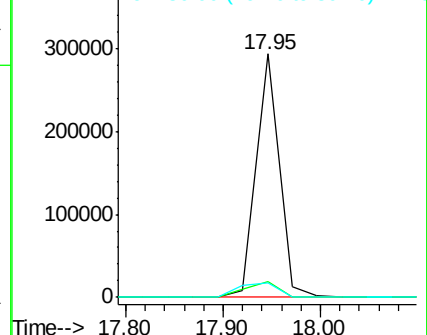
80 5.7 15.9 23.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#20

4-Bromophenyl-phenylether

Concen: 0.97 ng

RT: 17.13 min Scan# 952

Delta R.T. -0.01 min

Lab File: BM002930.D

Acq: 16 Oct 2015 11:45

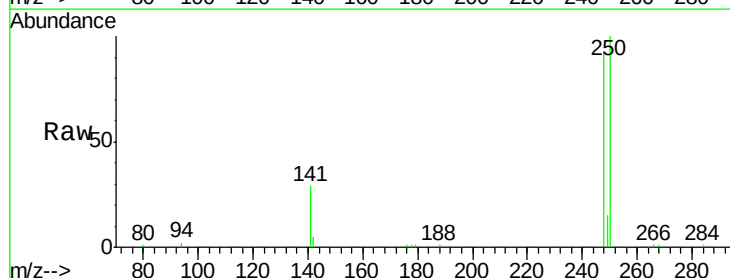
Tgt Ion:248 Resp: 19509

Ion Ratio Lower Upper

248 100

250 105.1 71.4 107.2

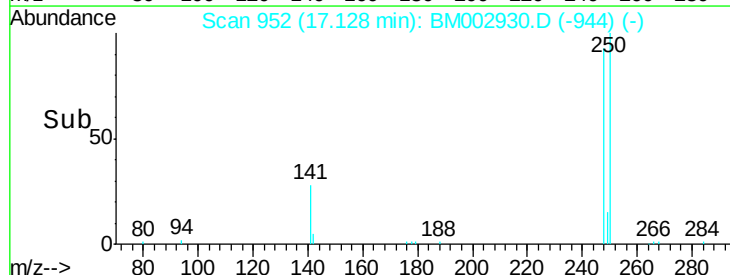
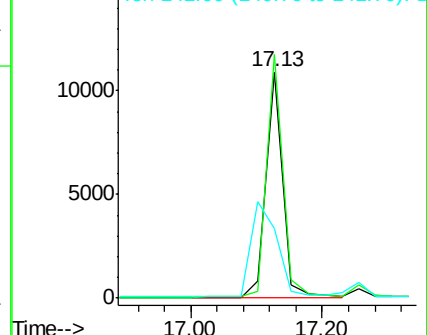
141 0.0 54.6 82.0#

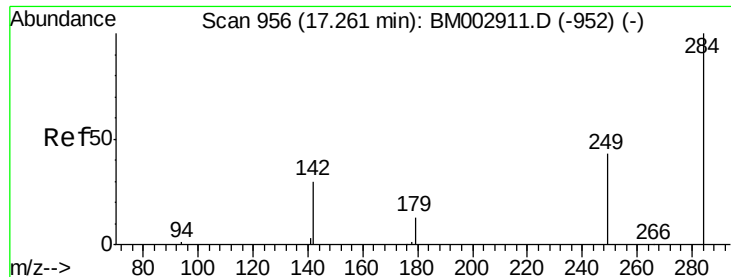


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.99 ng

RT: 17.26 min Scan# 957

Delta R.T. -0.01 min

Lab File: BM002930.D

Acq: 16 Oct 2015 11:45

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

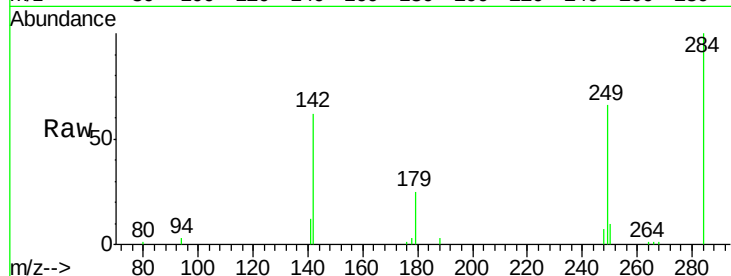
Tot Ion:284 Resp: 19097

Ion Ratio Lower Upper

284 100

142 38.8 0.0 0.0#

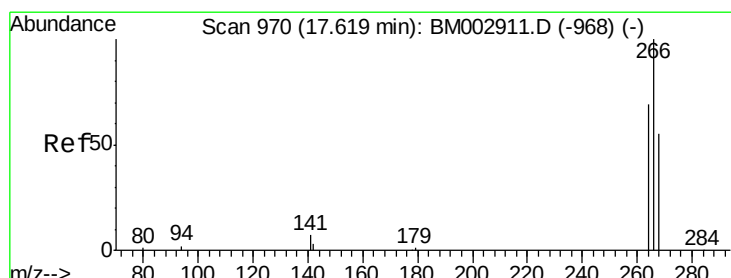
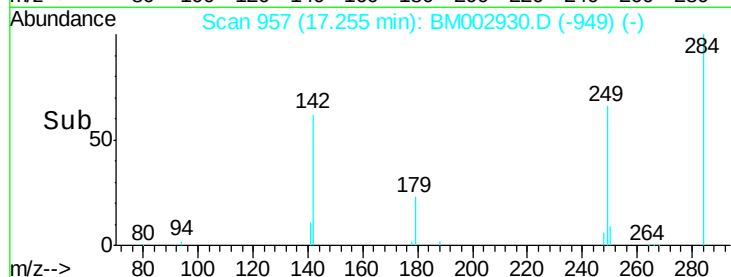
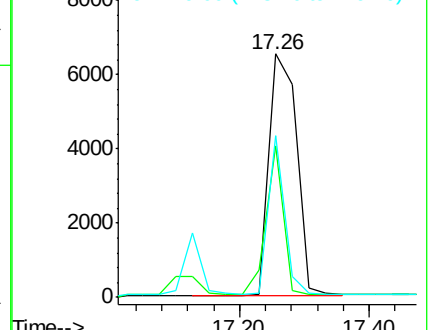
249 38.7 20.7 31.1#



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: 1.18 ng

RT: 17.61 min Scan# 971

Delta R.T. -0.03 min

Lab File: BM002930.D

Acq: 16 Oct 2015 11:45

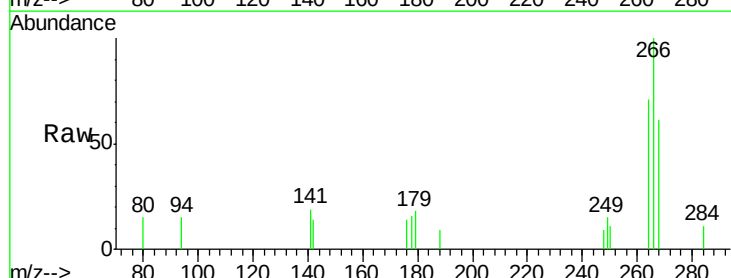
Tgt Ion:266 Resp: 2201

Ion Ratio Lower Upper

266 100

268 61.3 58.3 87.5

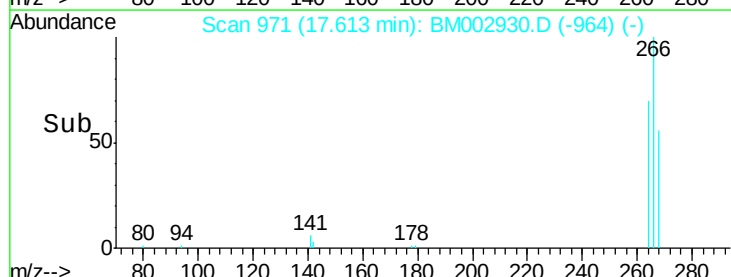
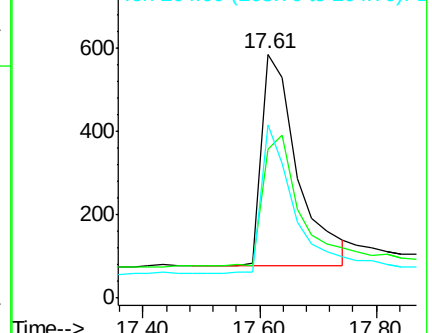
264 70.8 54.2 81.2

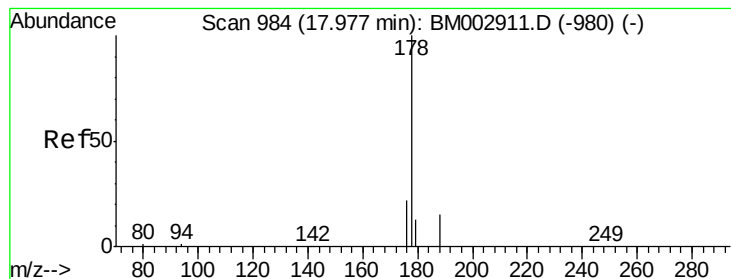


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#23

Phenanthrene

Concen: 0.88 ng

RT: 18.00 min Scan# 986

Delta R.T. 0.02 min

Lab File: BM002930.D

Acq: 16 Oct 2015 11:45

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

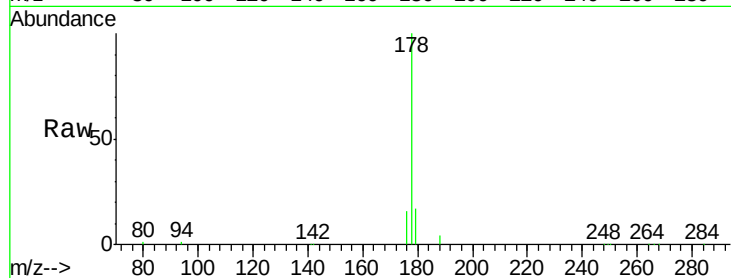
Tot Ion:178 Resp: 99524

Ion Ratio Lower Upper

178 100

176 18.8 14.6 21.8

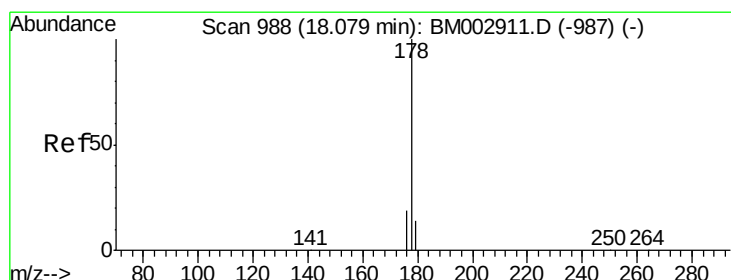
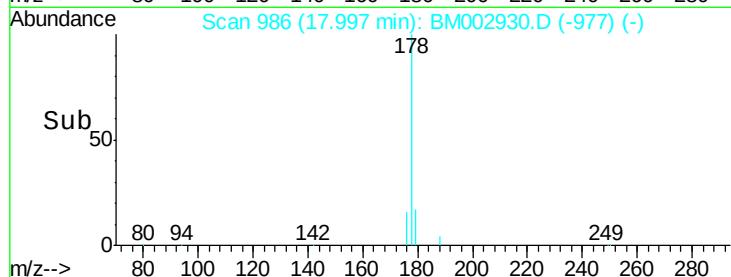
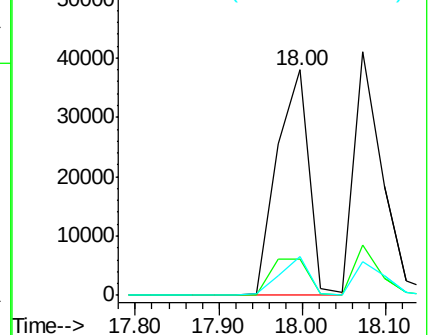
179 15.6 12.5 18.7



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: 0.87 ng

RT: 18.07 min Scan# 989

Delta R.T. -0.01 min

Lab File: BM002930.D

Acq: 16 Oct 2015 11:45

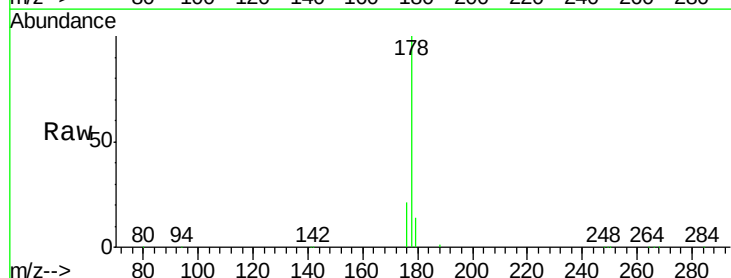
Tgt Ion:178 Resp: 94175

Ion Ratio Lower Upper

178 100

176 18.8 13.9 20.9

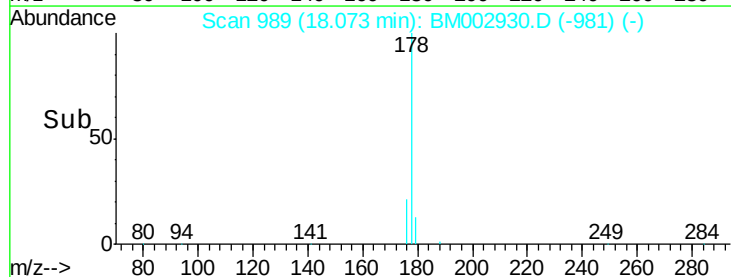
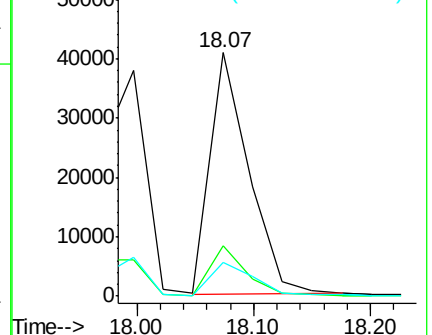
179 14.8 12.6 18.8

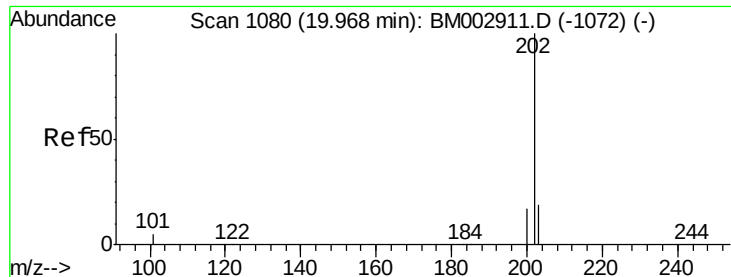


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

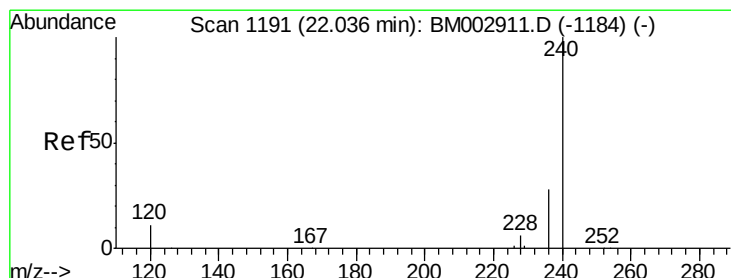
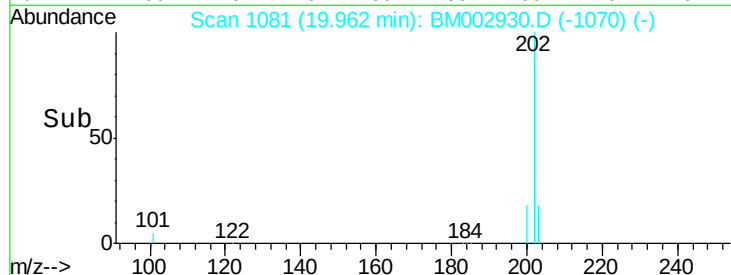
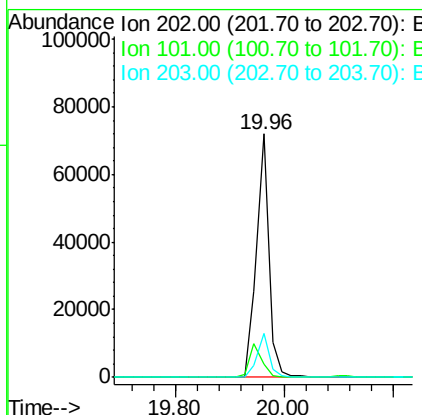
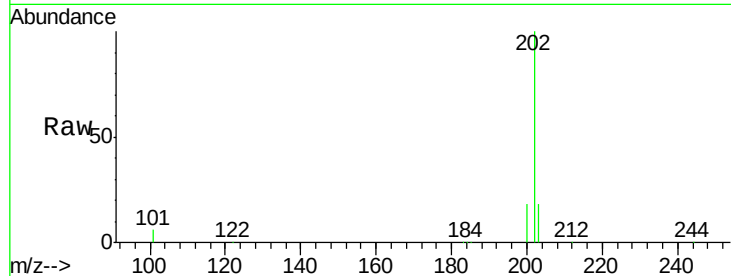




#25
 Fluoranthene
 Concen: 0.91 ng
 RT: 19.96 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BM002930.D
 Acq: 16 Oct 2015 11:45

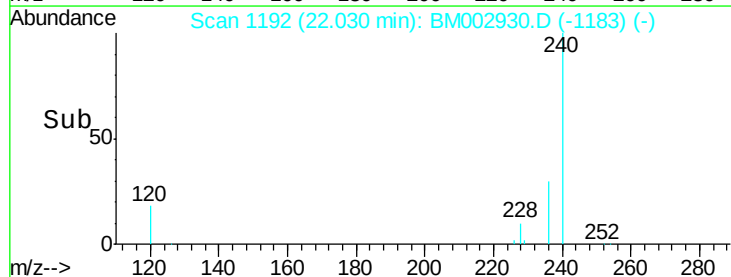
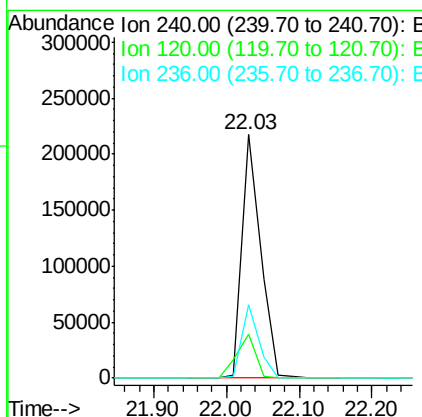
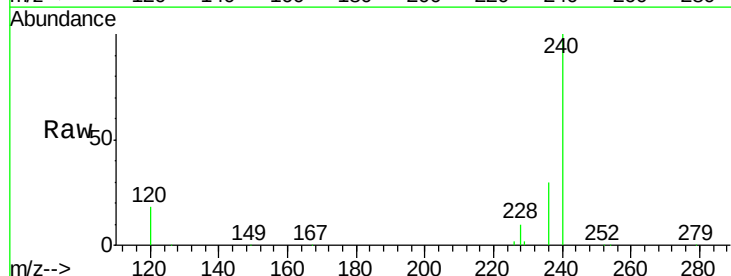
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001

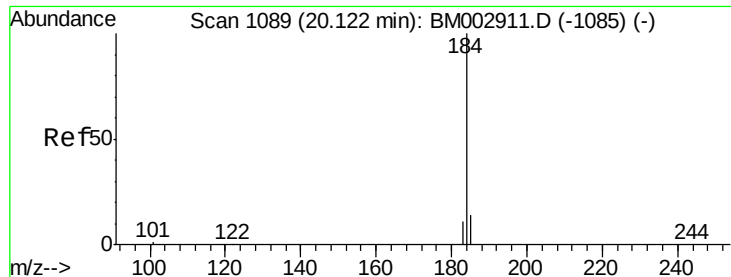
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.9	11.0	16.6
203	17.2	13.8	20.6



#26
 Chrysene-d12
 Concen: 5.00 ng
 RT: 22.03 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BM002930.D
 Acq: 16 Oct 2015 11:45

Tgt Ion	Ratio	Lower	Upper
240	100		
120	18.2	3.3	4.9#
236	30.1	19.5	29.3#

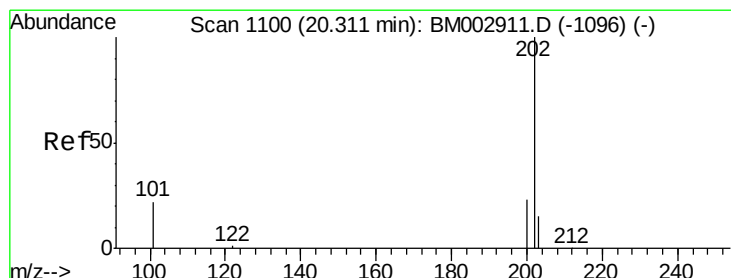
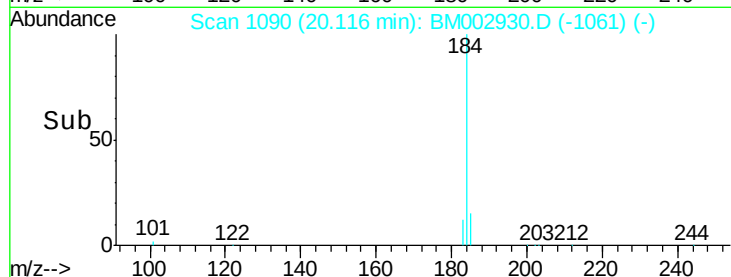
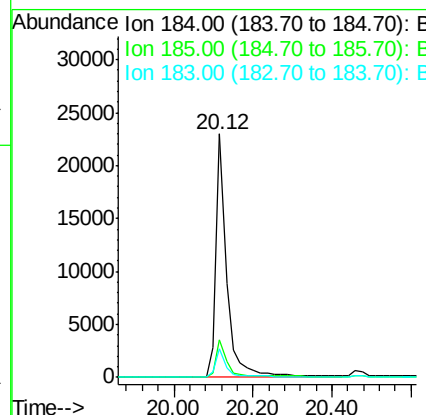
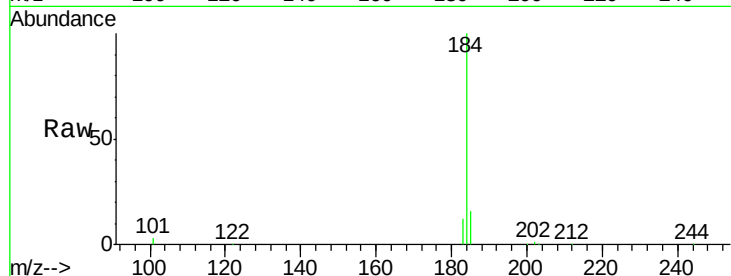




#27
Benzidine
Concen: 0.89 ng
RT: 20.12 min Scan# 1090
Delta R.T. -0.01 min
Lab File: BM002930.D
Acq: 16 Oct 2015 11:45

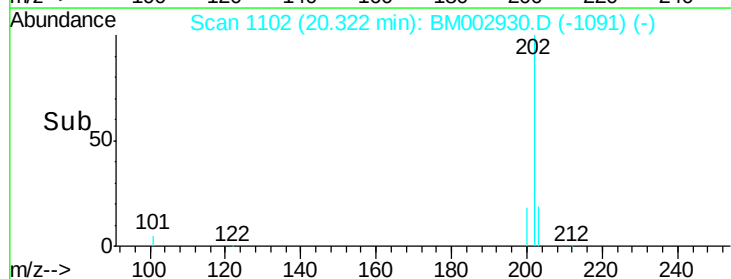
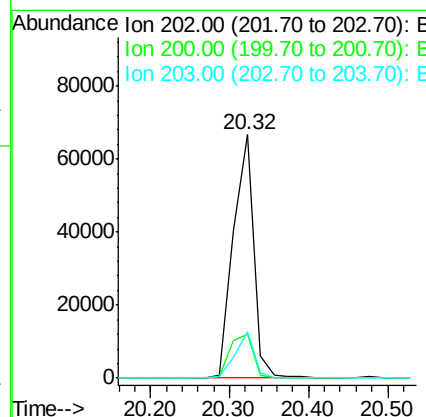
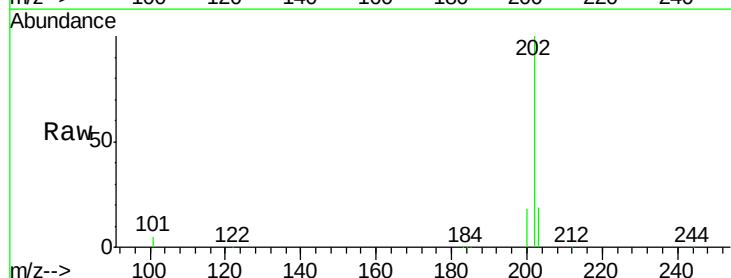
Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

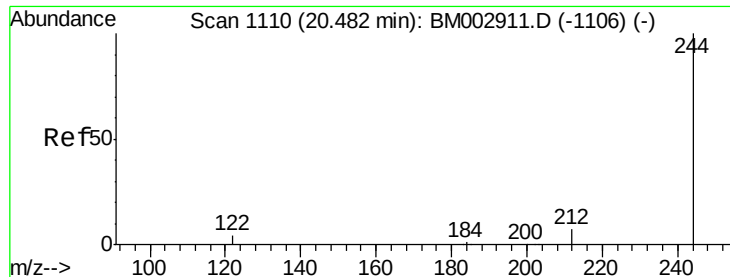
Tot Ion:184 Resp: 42885
Ion Ratio Lower Upper
184 100
185 15.5 12.0 18.0
183 11.8 8.9 13.3



#28
Pyrene
Concen: 1.05 ng
RT: 20.32 min Scan# 1102
Delta R.T. -0.01 min
Lab File: BM002930.D
Acq: 16 Oct 2015 11:45

Tgt Ion:202 Resp: 118610
Ion Ratio Lower Upper
202 100
200 20.4 16.2 24.4
203 17.4 13.8 20.8





#29

Terphenyl-d14

Concen: 1.03 ng

RT: 20.48 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BM002930.D

Acq: 16 Oct 2015 11:45

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

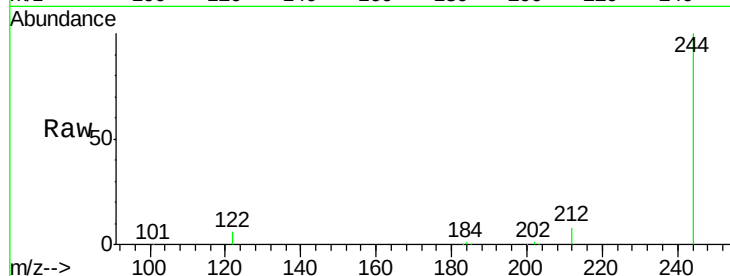
Tot Ion:244 Resp: 59133

Ion Ratio Lower Upper

244 100

212 8.2 5.6 8.4

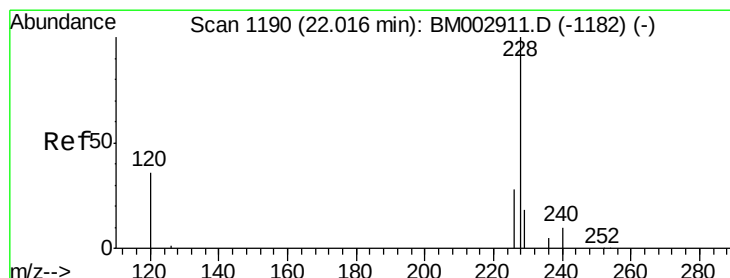
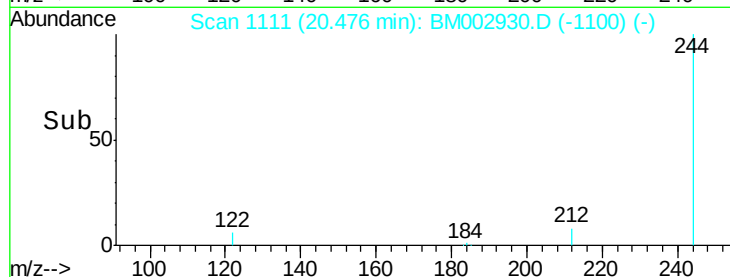
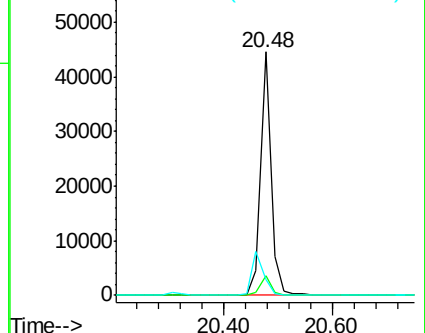
122 6.4 2.2 3.2#



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: 0.99 ng

RT: 22.01 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BM002930.D

Acq: 16 Oct 2015 11:45

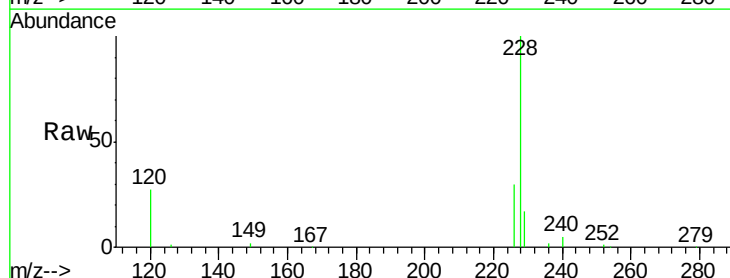
Tgt Ion:228 Resp: 109476

Ion Ratio Lower Upper

228 100

226 29.7 19.0 28.6#

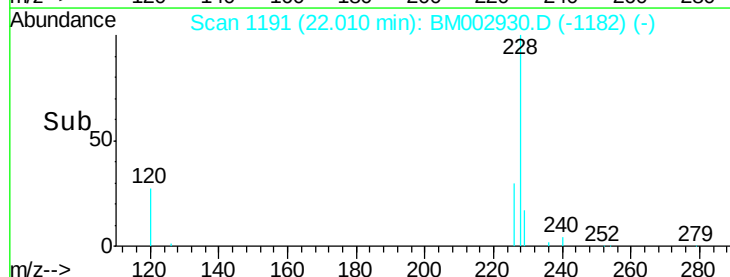
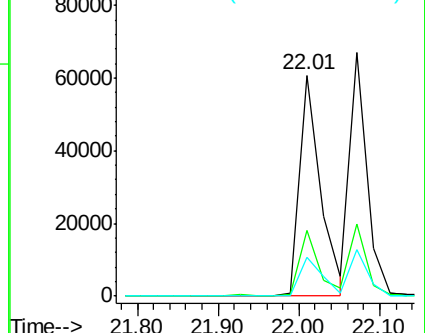
229 17.3 16.8 25.2

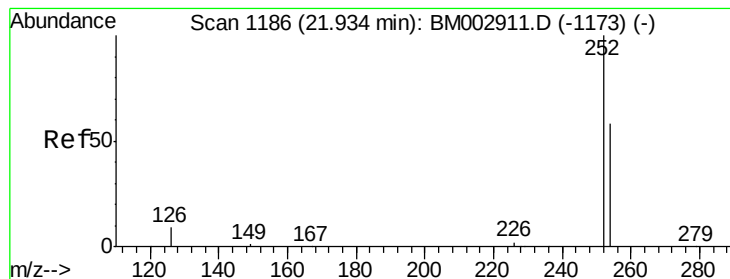


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

3,3'-Dichlorobenzidine

Concen: 0.96 ng

RT: 21.93 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BM002930.D

Acq: 16 Oct 2015 11:45

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

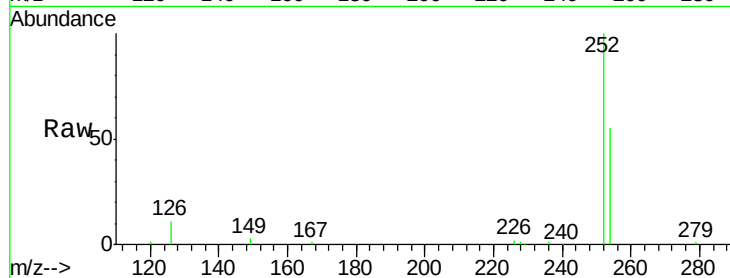
Tot Ion:252 Resp: 36057

Ion Ratio Lower Upper

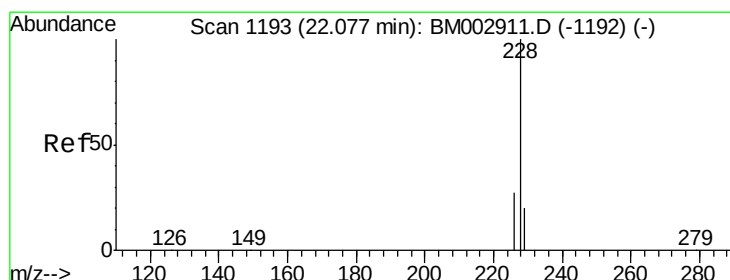
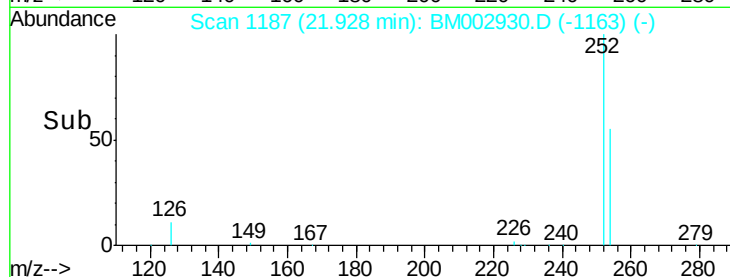
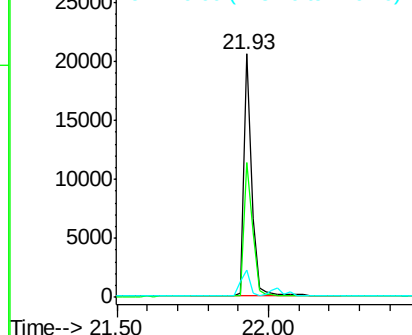
252 100

254 55.3 54.1 81.1

126 11.2 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: 0.96 ng

RT: 22.07 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BM002930.D

Acq: 16 Oct 2015 11:45

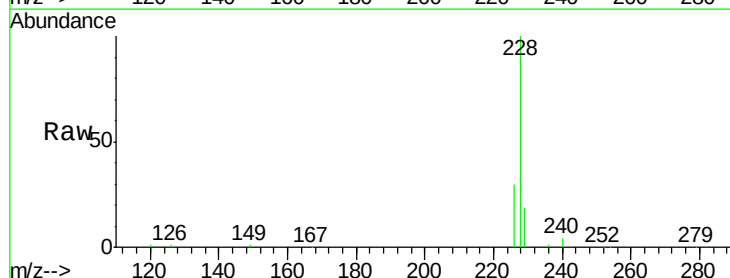
Tgt Ion:228 Resp: 99754

Ion Ratio Lower Upper

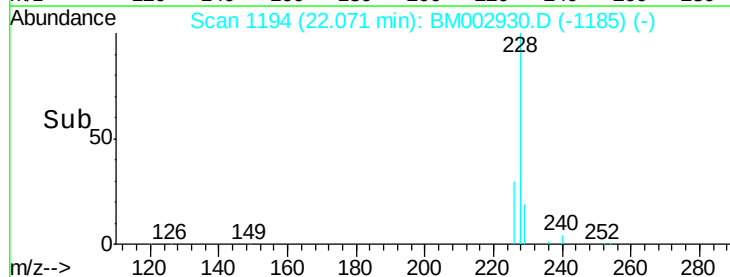
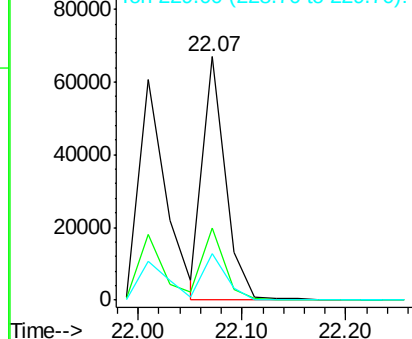
228 100

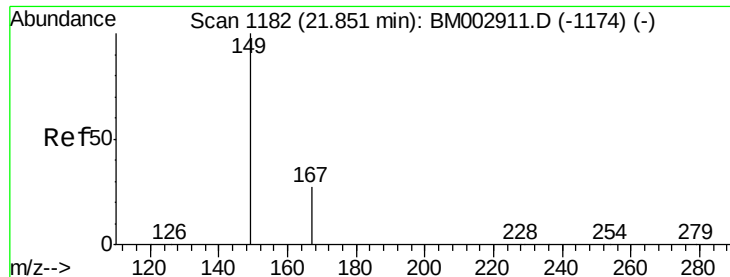
226 29.8 20.6 30.8

229 18.8 17.4 26.2



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#33

Bis(2-ethylhexyl)phthalate

Concen: 1.06 ng

RT: 21.85 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BM002930.D

Acq: 16 Oct 2015 11:45

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

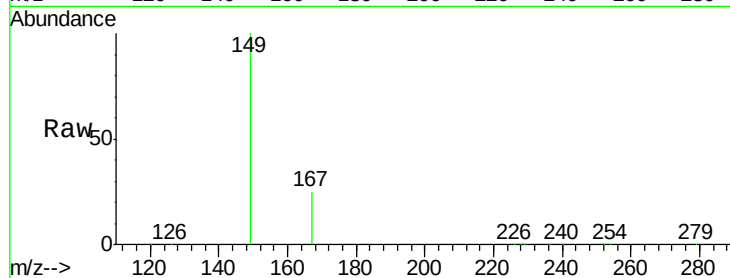
Tot Ion:149 Resp: 69002

Ion Ratio Lower Upper

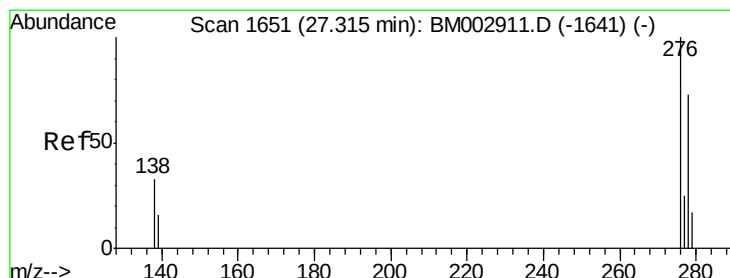
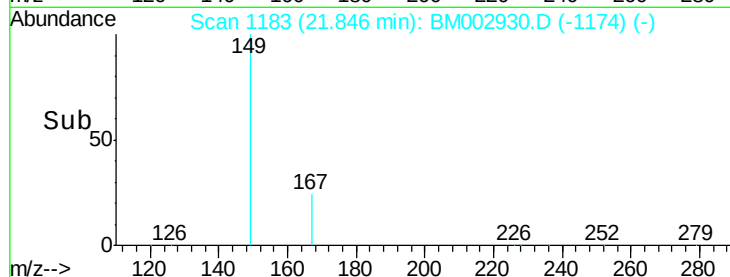
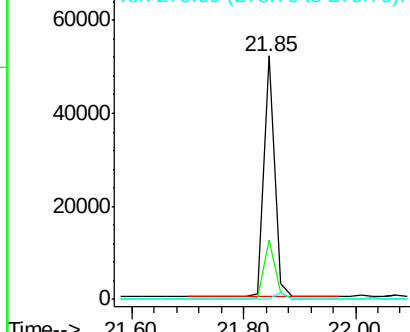
149 100

167 25.3 17.2 25.8

279 0.0 2.2 3.4#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#34

Indeno(1,2,3-cd)pyrene

Concen: 0.84 ng

RT: 27.31 min Scan# 1652

Delta R.T. -0.01 min

Lab File: BM002930.D

Acq: 16 Oct 2015 11:45

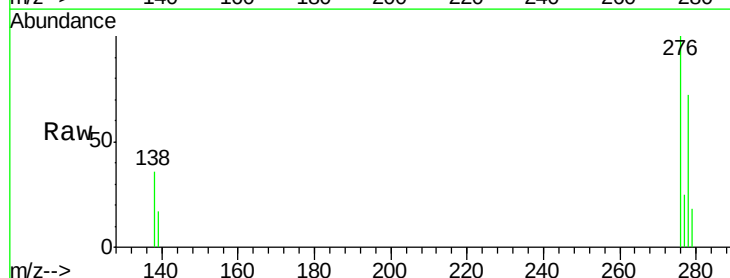
Tgt Ion:276 Resp: 89325

Ion Ratio Lower Upper

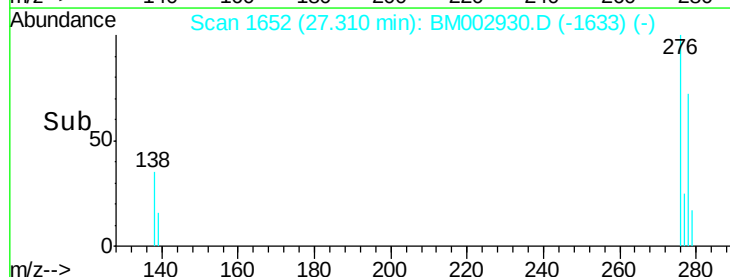
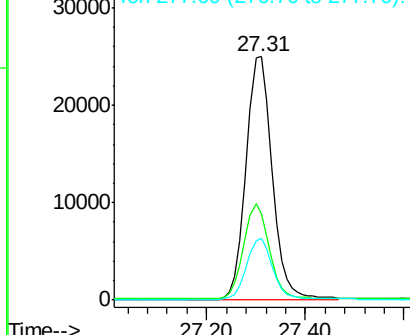
276 100

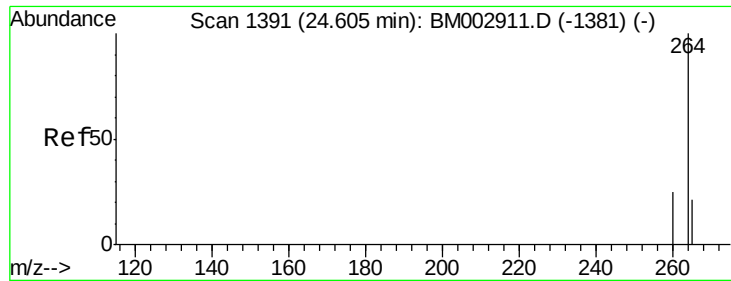
138 38.6 29.0 43.6

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

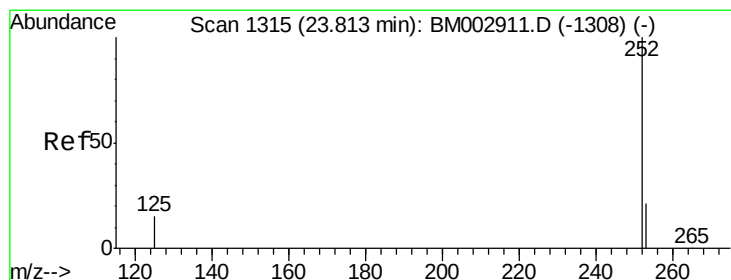
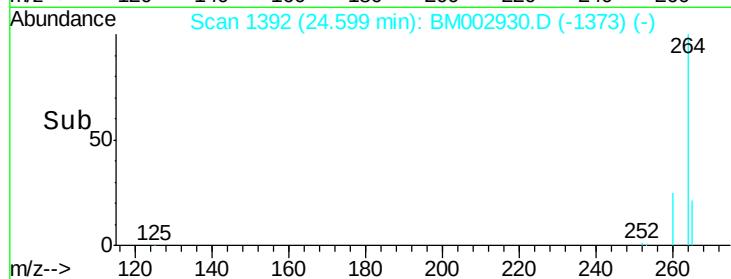
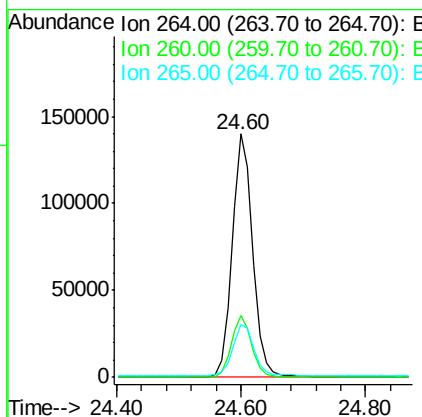
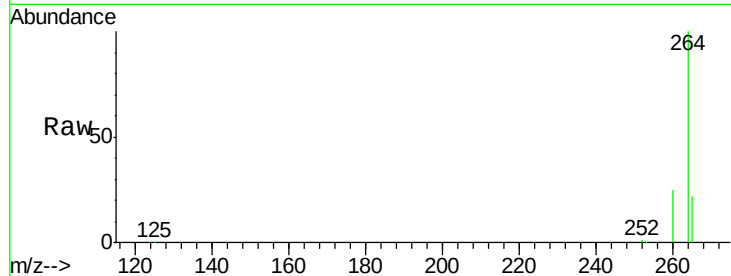




#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 24.60 min Scan# 1392
 Delta R.T. -0.01 min
 Lab File: BM002930.D
 Acq: 16 Oct 2015 11:45

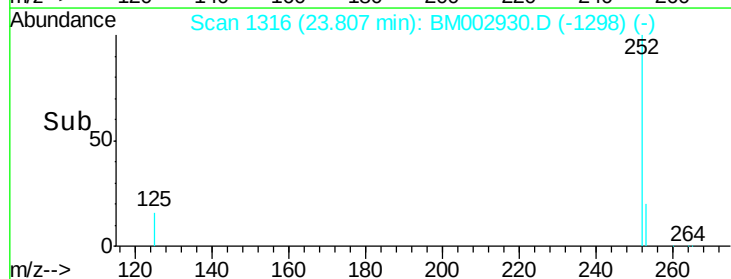
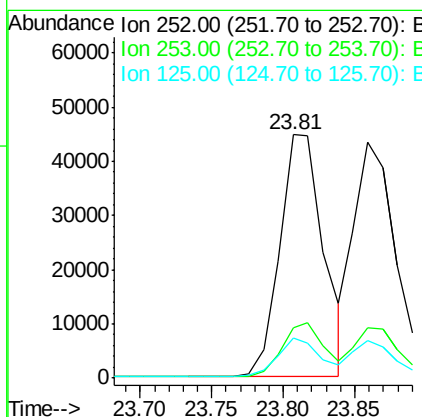
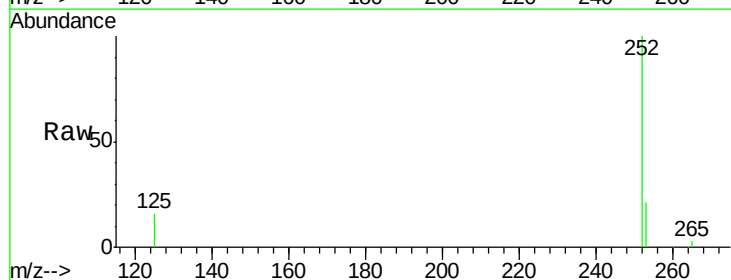
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001

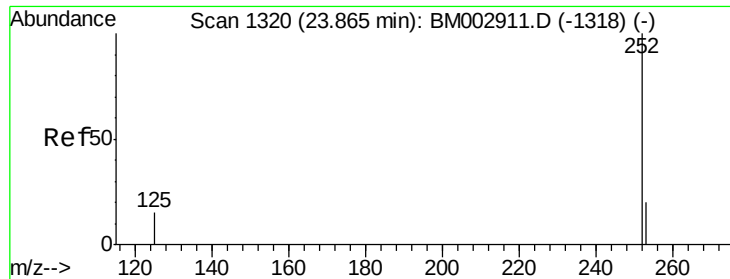
Tot Ion:264 Resp: 322680
 Ion Ratio Lower Upper
 264 100
 260 25.3 20.1 30.1
 265 21.5 17.6 26.4



#36
 Benzo(b)fluoranthene
 Concen: 1.03 ng
 RT: 23.81 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BM002930.D
 Acq: 16 Oct 2015 11:45

Tgt Ion:252 Resp: 95653
 Ion Ratio Lower Upper
 252 100
 253 20.8 17.5 26.3
 125 16.5 12.4 18.6

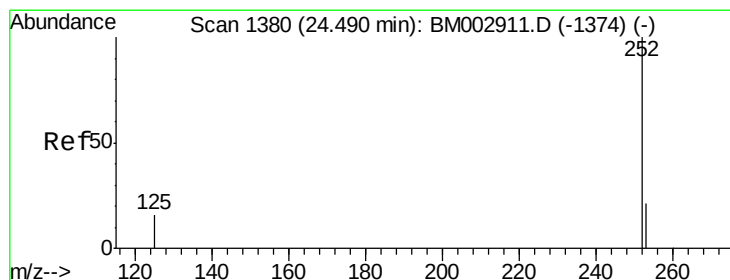
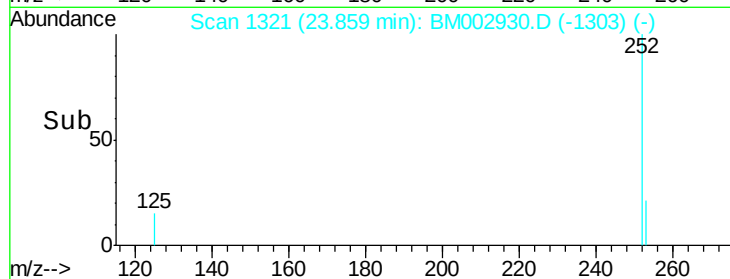
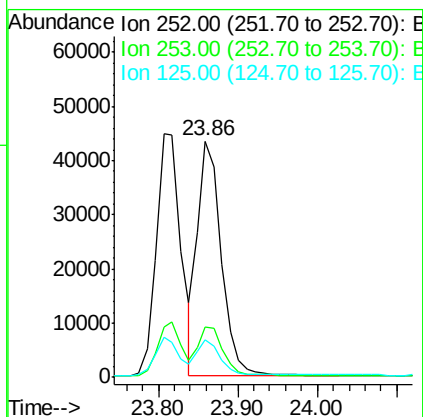
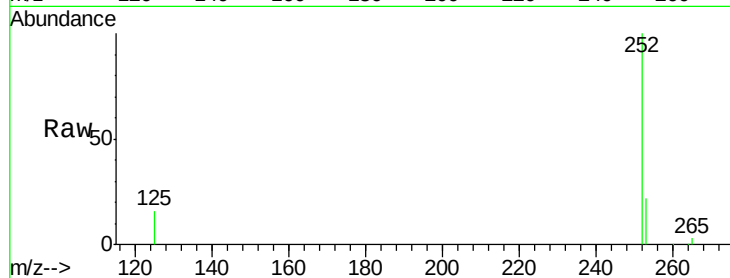




#37
Benzo(k)fluoranthene
Concen: 0.99 ng
RT: 23.86 min Scan# 1321
Delta R.T. -0.02 min
Lab File: BM002930.D
Acq: 16 Oct 2015 11:45

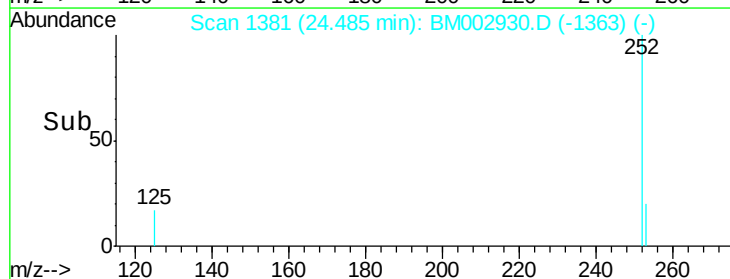
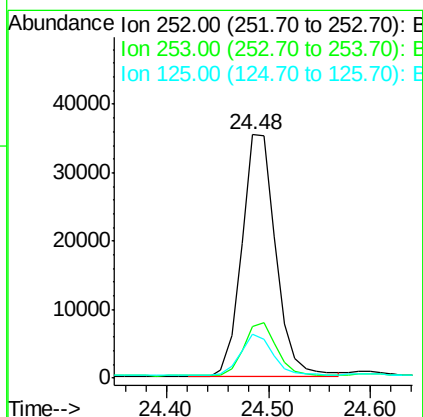
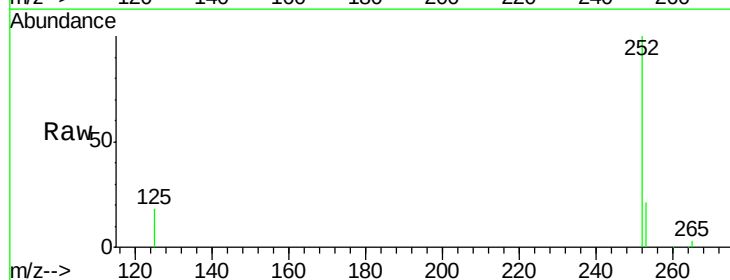
Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

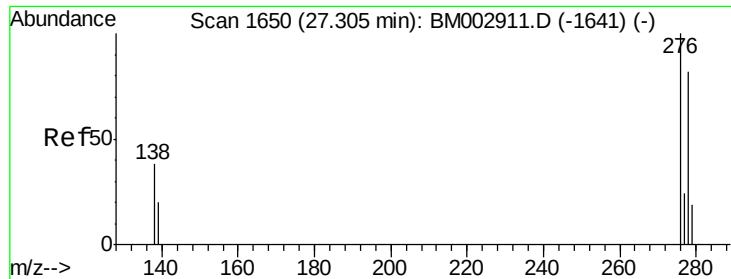
Tot Ion:252 Resp: 89676
Ion Ratio Lower Upper
252 100
253 21.5 17.9 26.9
125 15.9 12.3 18.5



#38
Benzo(a)pyrene
Concen: 1.00 ng
RT: 24.48 min Scan# 1381
Delta R.T. -0.02 min
Lab File: BM002930.D
Acq: 16 Oct 2015 11:45

Tgt Ion:252 Resp: 81673
Ion Ratio Lower Upper
252 100
253 21.3 18.4 27.6
125 18.0 13.3 19.9





#39

Dibenzo(a,h)anthracene

Concen: 0.91 ng

RT: 27.30 min Scan# 1651

Delta R.T. -0.02 min

Lab File: BM002930.D

Acq: 16 Oct 2015 11:45

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

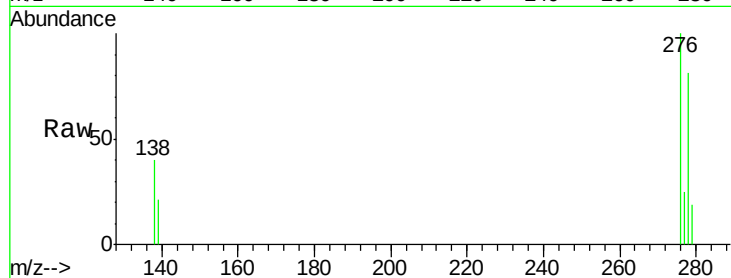
Tot Ion:278 Resp: 71202

Ion Ratio Lower Upper

278 100

139 25.4 19.8 29.6

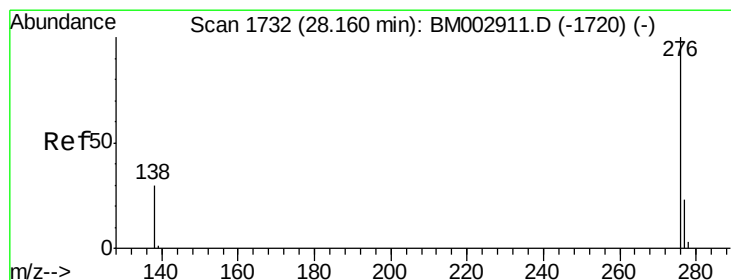
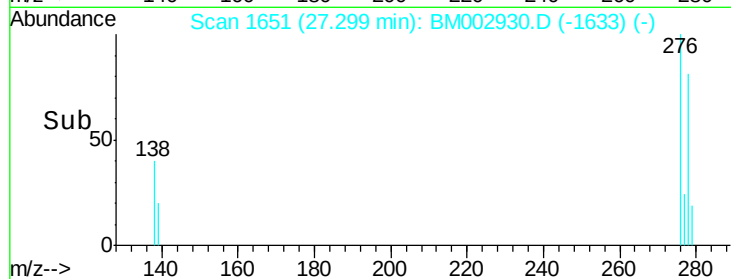
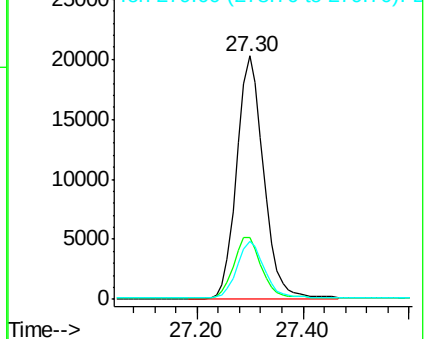
279 23.8 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#40

Benzo(g,h,i)perylene

Concen: 0.89 ng

RT: 28.15 min Scan# 1733

Delta R.T. -0.02 min

Lab File: BM002930.D

Acq: 16 Oct 2015 11:45

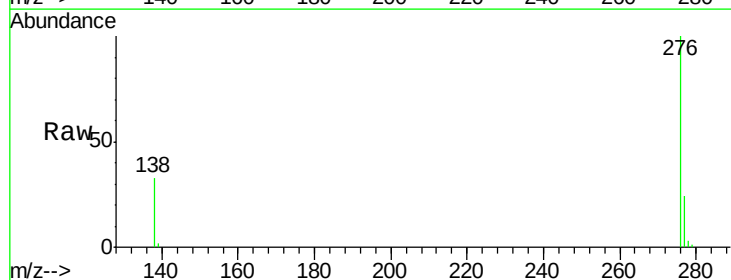
Tgt Ion:276 Resp: 72737

Ion Ratio Lower Upper

276 100

277 23.9 19.4 29.0

138 32.6 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

