

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101515\
 Data File : BM002912.D
 Acq On : 15 Oct 2015 13:25
 Operator : UM/IZ
 Sample : SSTDICC002
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC002

Quant Time: Oct 15 13:57:17 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 13:35:13 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	72234	5.00	ng	0.00
7) Naphthalene-d8	11.51	136	305824	5.00	ng	0.00
13) Acenaphthene-d10	15.23	164	166358	5.00	ng	0.00
19) Phenanthrene-d10	17.95	188	430200	5.00	ng	0.00
26) Chrysene-d12	22.03	240	373641	5.00	ng	0.00
35) Perylene-d12	24.61	264	354489	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	6.13	112	25862	1.99	ng	-0.03
5) Phenol-d6	7.79	99	35109	2.16	ng	-0.02
8) Nitrobenzene-d5	9.86	82	29357	2.01	ng	-0.03
14) 2,4,6-Tribromophenol	16.71	330	11473	2.48	ng	0.00
15) 2-Fluorobiphenyl	13.87	172	104041	1.91	ng	-0.01
29) Terphenyl-d14	20.48	244	112275	1.98	ng	0.00

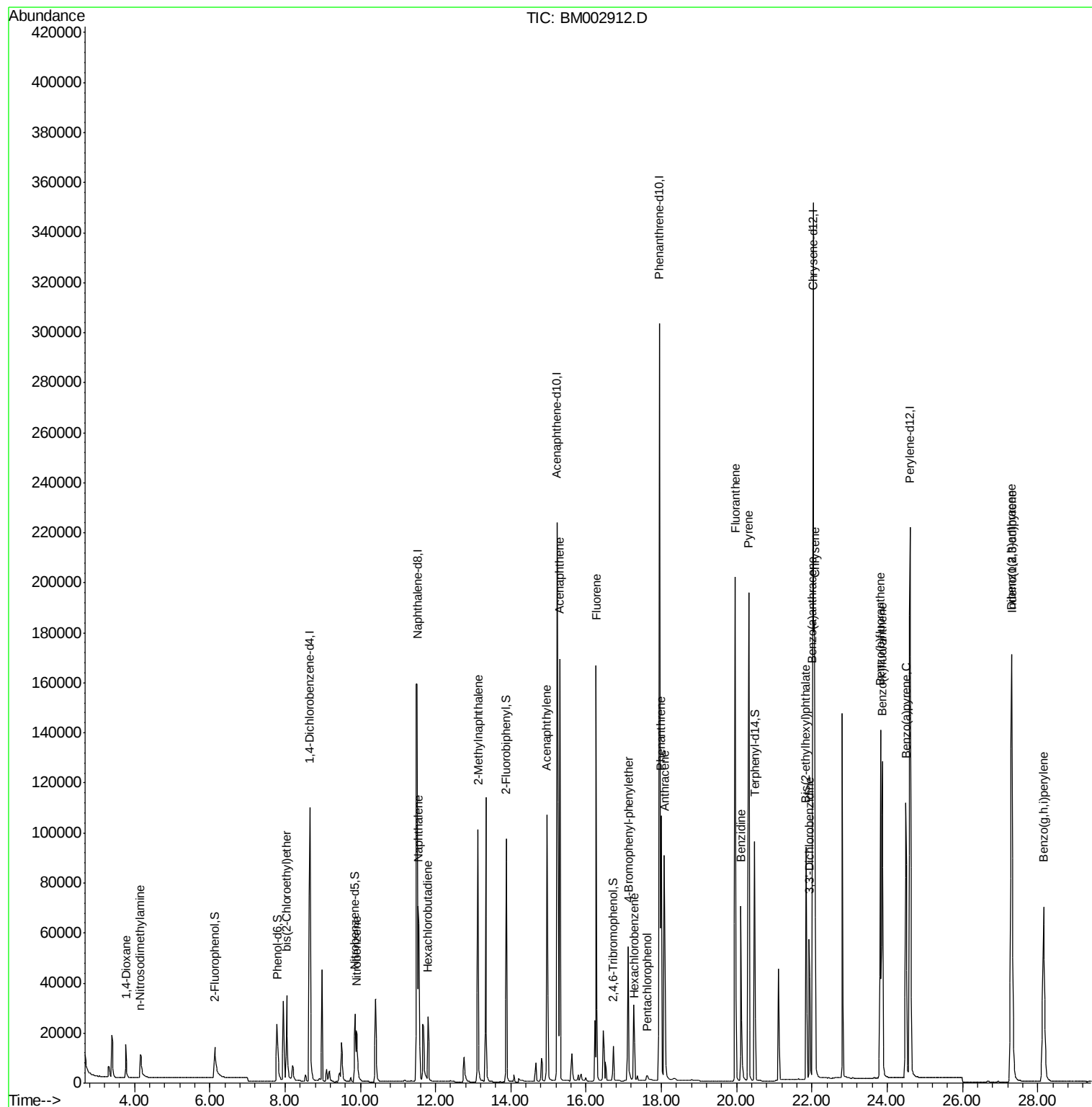
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.77	88	12108	1.74	ng	99
3) n-Nitrosodimethylamine	4.16	42	10650	2.22	ng	# 99
6) bis(2-Chloroethyl)ether	8.04	93	33308	2.05	ng	98
9) Nitrobenzene	9.90	77	31608	2.17	ng	100
10) Naphthalene	11.54	128	129625	1.85	ng	96
11) Hexachlorobutadiene	11.80	225	20766	1.83	ng	100
12) 2-Methylnaphthalene	13.12	142	90390	1.96	ng	97
16) Acenaphthylene	14.96	152	147894	2.12	ng	99
17) Acenaphthene	15.29	154	95518	1.85	ng	# 100
18) Fluorene	16.27	166	119852	2.01	ng	98
20) 4-Bromophenyl-phenylether	17.13	248	35974	1.94	ng	89
21) Hexachlorobenzene	17.28	284	34682	1.56	ng	# 49
22) Pentachlorophenol	17.61	266	3705	3.45	ng	# 88
23) Phenanthrene	18.00	178	174570	1.64	ng	100
24) Anthracene	18.07	178	164463	1.74	ng	97
25) Fluoranthene	19.96	202	208465	1.85	ng	100
27) Benzidine	20.12	184	96790	2.53	ng	99
28) Pyrene	20.32	202	216628	1.96	ng	100
30) Benzo(a)anthracene	22.01	228	200369	1.71	ng	# 87
31) 3,3'-Dichlorobenzidine	21.93	252	71394	2.06	ng	# 79
32) Chrysene	22.07	228	200843	2.09	ng	# 89
33) Bis(2-ethylhexyl)phthalate	21.85	149	115095	2.03	ng	# 93
34) Indeno(1,2,3-cd)pyrene	27.31	276	213892	2.07	ng	100
36) Benzo(b)fluoranthene	23.82	252	194422	1.89	ng	98
37) Benzo(k)fluoranthene	23.87	252	196562	1.94	ng	99
38) Benzo(a)pyrene	24.49	252	175880	1.95	ng	98
39) Dibenzo(a,h)anthracene	27.30	278	170821	1.98	ng	99
40) Benzo(g,h,i)perylene	28.15	276	175347	1.91	ng	99

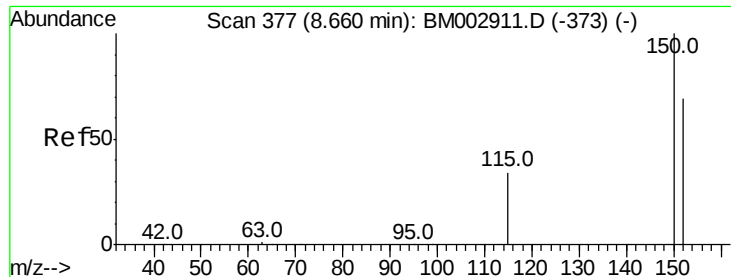
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Time: Oct 15 13:57:17 2015
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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: BM002912.D

Acq: 15 Oct 2015 13:25

Instrument :

BNA_M

ClientSampleId :

SSTDIC002

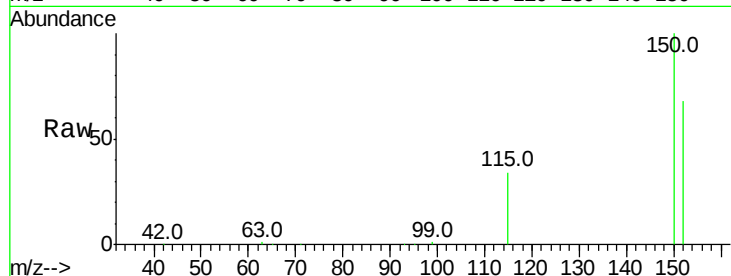
Tot Ion:152 Resp: 72234

Ion Ratio Lower Upper

152 100

150 147.1 113.0 169.6

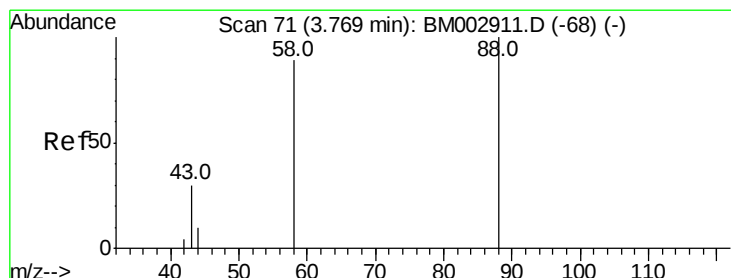
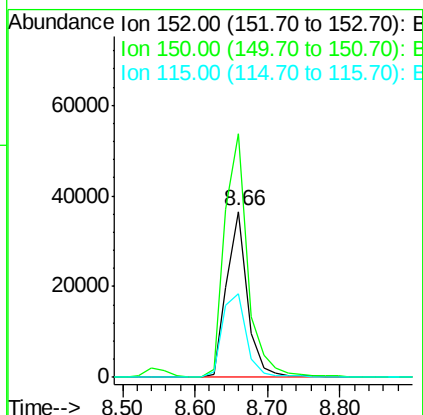
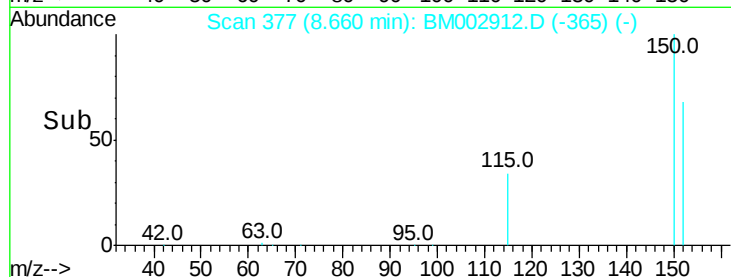
115 50.6 37.9 56.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 1.74 ng

RT: 3.77 min Scan# 71

Delta R.T. 0.00 min

Lab File: BM002912.D

Acq: 15 Oct 2015 13:25

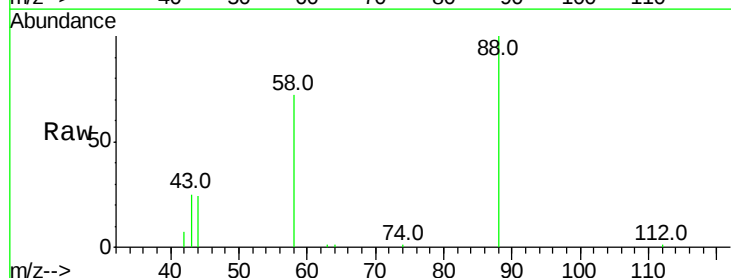
Tgt Ion: 88 Resp: 12108

Ion Ratio Lower Upper

88 100

58 71.0 56.7 85.1

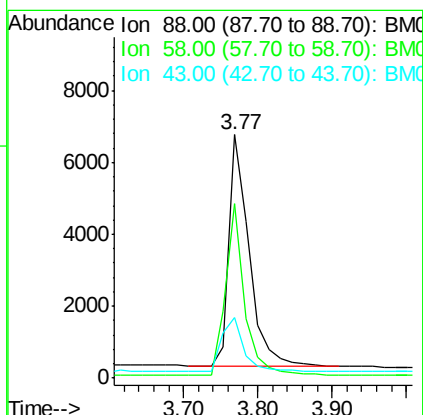
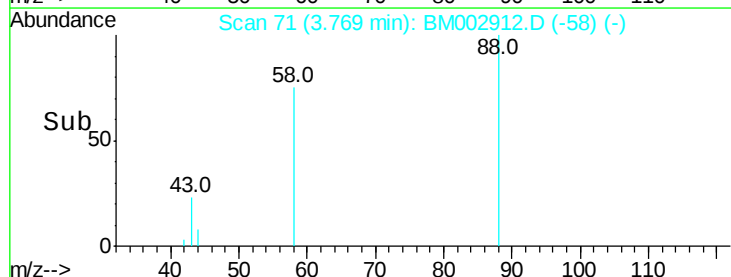
43 25.2 22.0 33.0

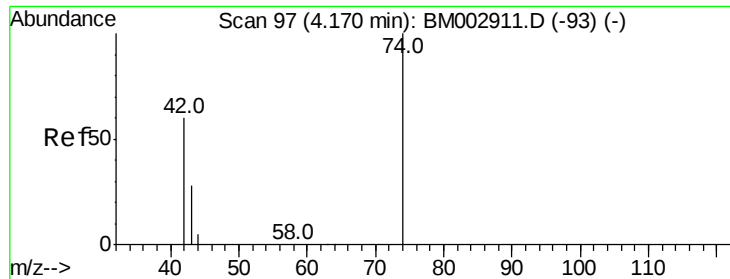


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 2.22 ng

RT: 4.16 min Scan# 96

Delta R.T. -0.03 min

Lab File: BM002912.D

Acq: 15 Oct 2015 13:25

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

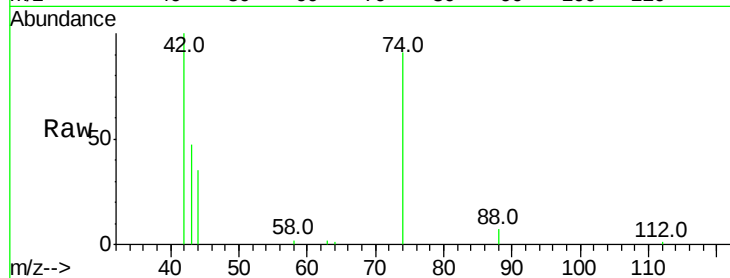
Tot Ion: 42 Resp: 10650

Ion Ratio Lower Upper

42 100

74 150.3 119.7 179.5

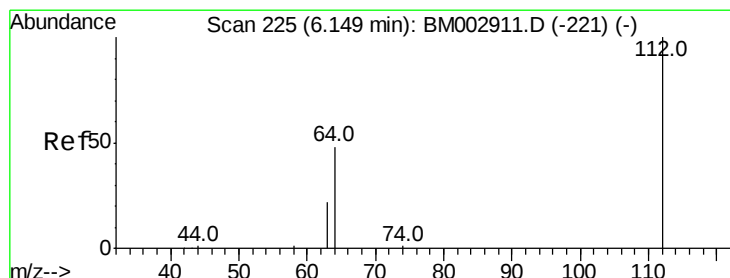
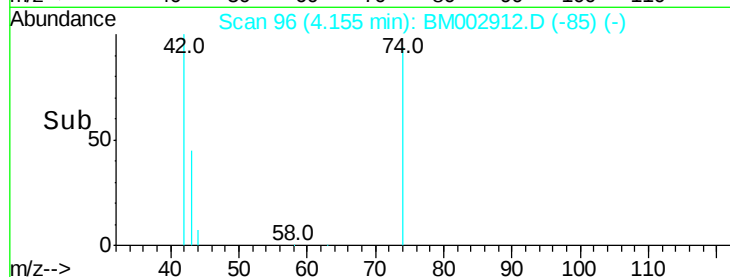
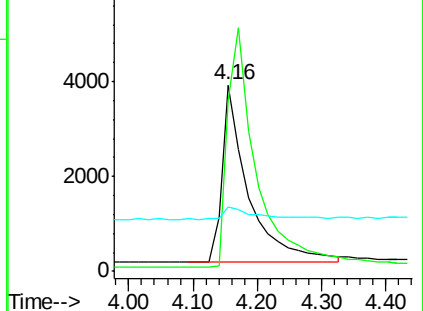
44 9.2 9.8 14.6#



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: 1.99 ng

RT: 6.13 min Scan# 224

Delta R.T. -0.03 min

Lab File: BM002912.D

Acq: 15 Oct 2015 13:25

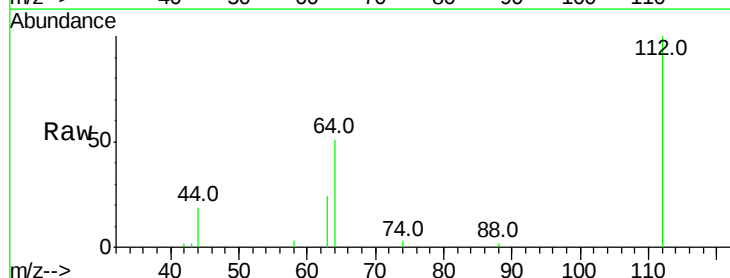
Tgt Ion: 112 Resp: 25862

Ion Ratio Lower Upper

112 100

64 51.9 42.0 63.0

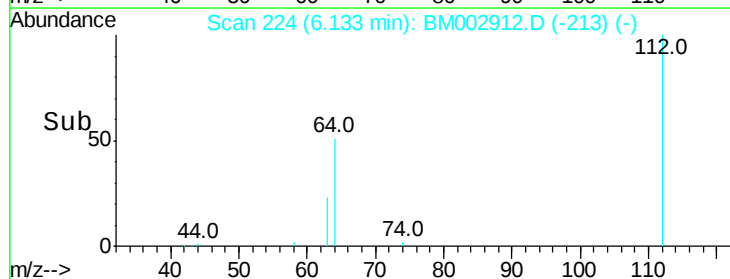
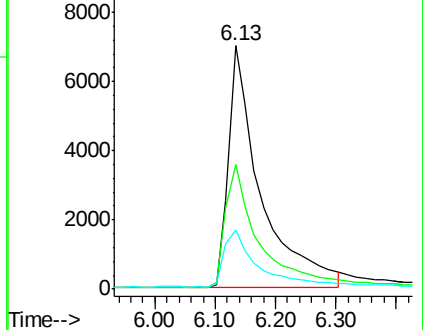
63 24.6 20.0 30.0

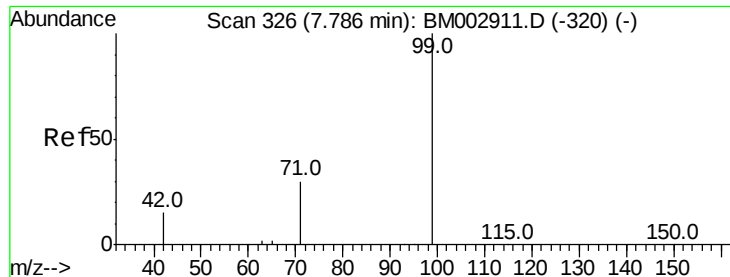


Abundance Ion 112.00 (111.70 to 112.70): BM002911.D (-221) (-)

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: 2.16 ng

RT: 7.79 min Scan# 326

Delta R.T. -0.02 min

Lab File: BM002912.D

Acq: 15 Oct 2015 13:25

Instrument :

BNA_M

ClientSampleId :

SSTDIC002

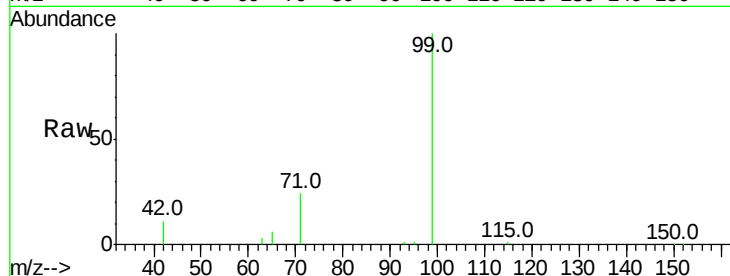
Tot Ion: 99 Resp: 35109

Ion Ratio Lower Upper

99 100

42 15.7 12.4 18.6

71 26.8 21.4 32.0



Abundance Ion 99.00 (98.70 to 99.70): BM002912.D (-315) (-)

Ion 42.00 (41.70 to 42.70): BM002912.D (-315) (-)

Ion 71.00 (70.70 to 71.70): BM002912.D (-315) (-)

7.79

20000

15000

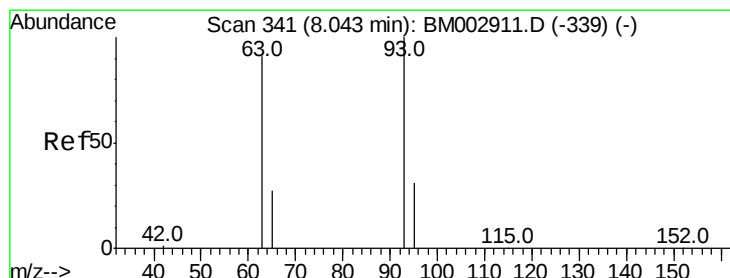
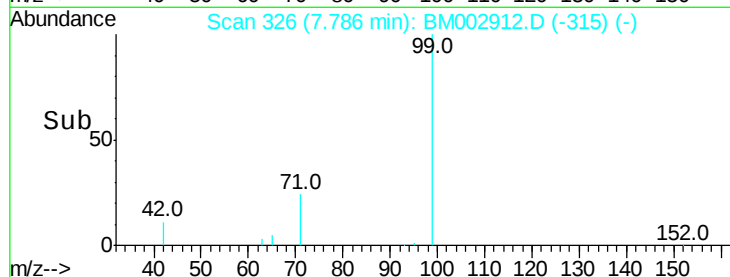
10000

5000

0

Time-->

7.70 7.80 7.90 8.00



#6

bis(2-Chloroethyl)ether

Concen: 2.05 ng

RT: 8.04 min Scan# 341

Delta R.T. -0.02 min

Lab File: BM002912.D

Acq: 15 Oct 2015 13:25

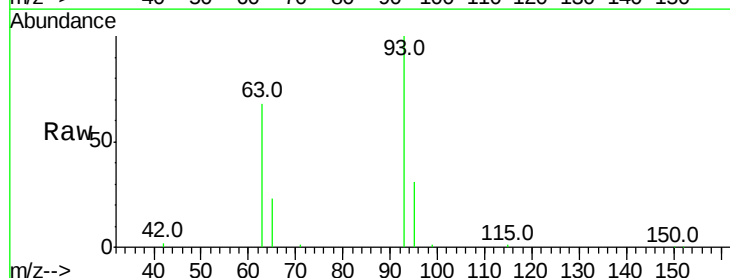
Tgt Ion: 93 Resp: 33308

Ion Ratio Lower Upper

93 100

63 67.7 52.9 79.3

95 32.6 25.2 37.8



Abundance Ion 93.00 (92.70 to 93.70): BM002912.D (-330) (-)

Ion 63.00 (62.70 to 63.70): BM002912.D (-330) (-)

Ion 95.00 (94.70 to 95.70): BM002912.D (-330) (-)

8.04

30000

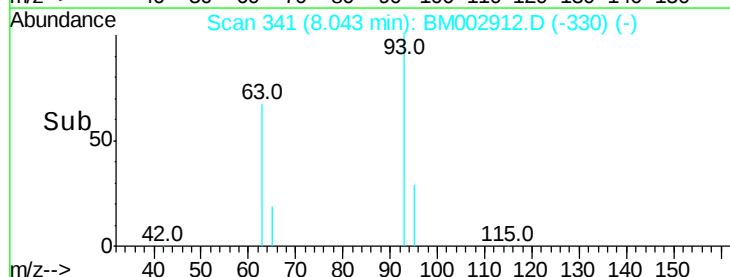
20000

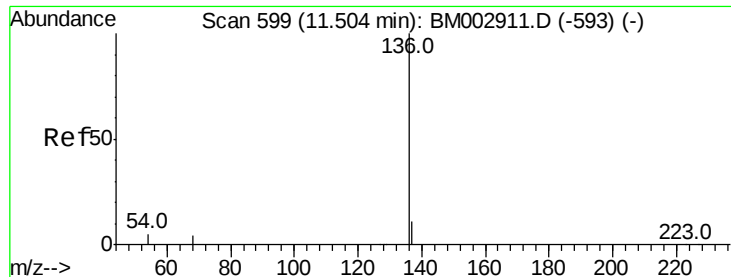
10000

0

Time-->

8.00 8.10 8.20





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 11.51 min Scan# 600

Delta R.T. 0.00 min

Lab File: BM002912.D

Acq: 15 Oct 2015 13:25

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

Tot Ion:136 Resp: 305824

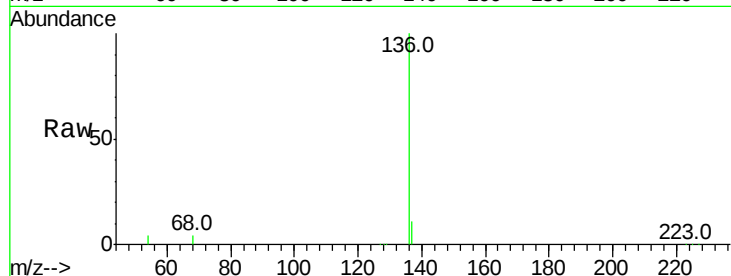
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 4.0 3.5 5.3

68 3.8 3.3 4.9

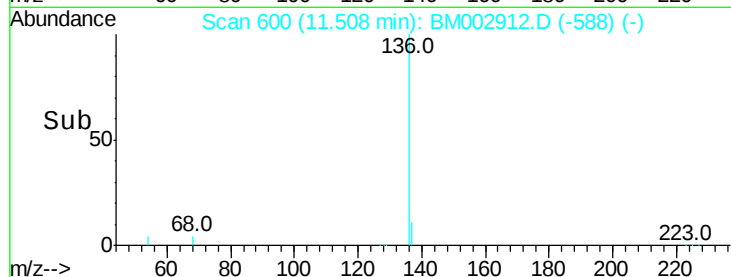


Abundance Ion 136.00 (135.70 to 136.70): E

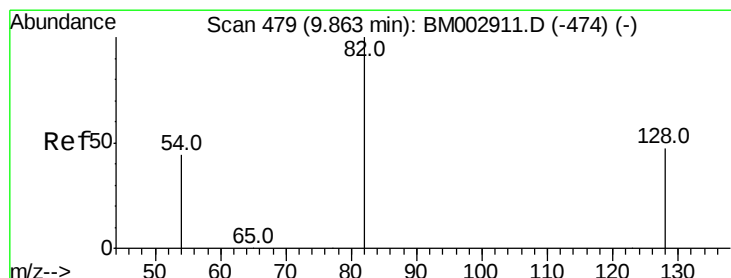
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



Time-->



#8

Nitrobenzene-d5

Concen: 2.01 ng

RT: 9.86 min Scan# 479

Delta R.T. -0.03 min

Lab File: BM002912.D

Acq: 15 Oct 2015 13:25

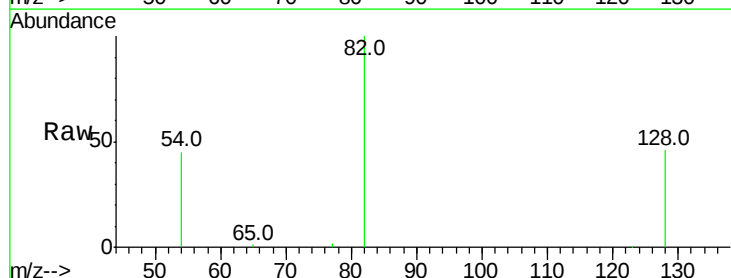
Tgt Ion: 82 Resp: 29357

Ion Ratio Lower Upper

82 100

128 46.5 34.1 51.1

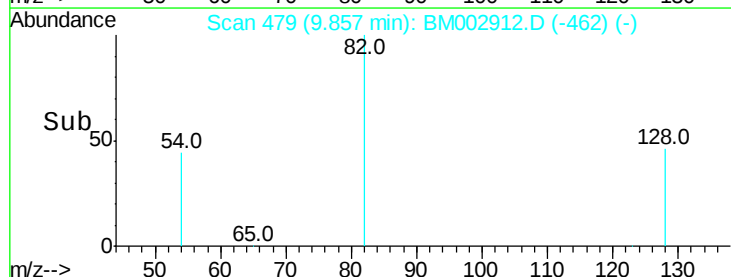
54 44.7 42.6 63.8



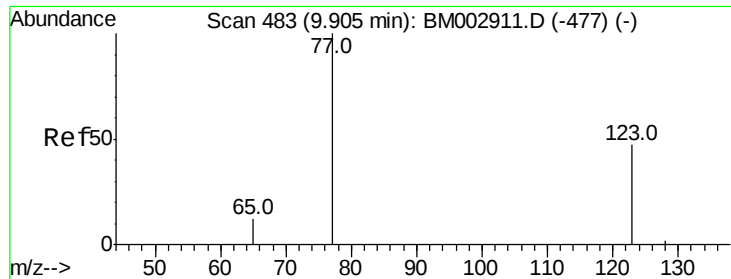
Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM



Time-->



#9

Nitrobenzene

Concen: 2.17 ng

RT: 9.90 min Scan# 483

Delta R.T. -0.03 min

Lab File: BM002912.D

Acq: 15 Oct 2015 13:25

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

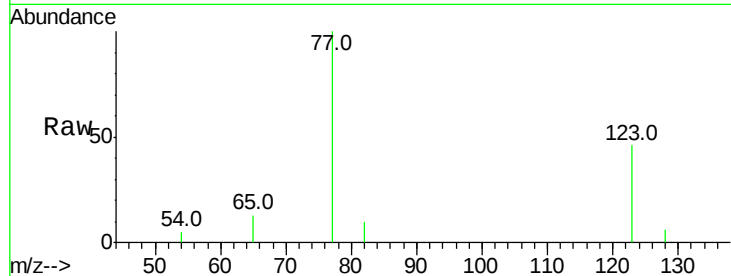
Tot Ion: 77 Resp: 31608

Ion Ratio Lower Upper

77 100

123 51.0 41.0 61.4

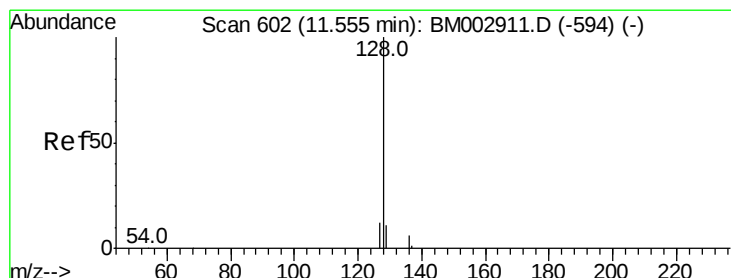
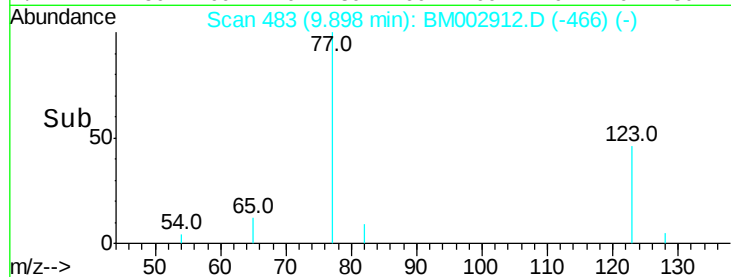
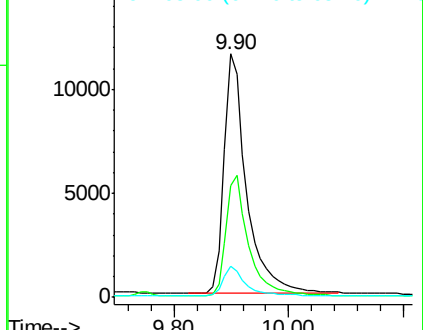
65 11.9 9.7 14.5



Abundance Ion 77.00 (76.70 to 77.70): BM002912.D (-477) (-)

Ion 123.00 (122.70 to 123.70): BM002912.D (-477) (-)

Ion 65.00 (64.70 to 65.70): BM002912.D (-477) (-)



#10

Naphthalene

Concen: 1.85 ng

RT: 11.54 min Scan# 602

Delta R.T. -0.01 min

Lab File: BM002912.D

Acq: 15 Oct 2015 13:25

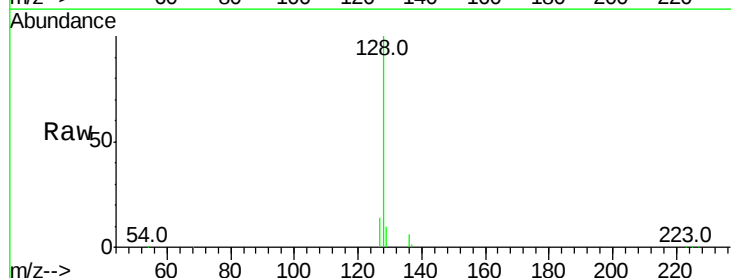
Tgt Ion: 128 Resp: 129625

Ion Ratio Lower Upper

128 100

129 10.3 9.4 14.2

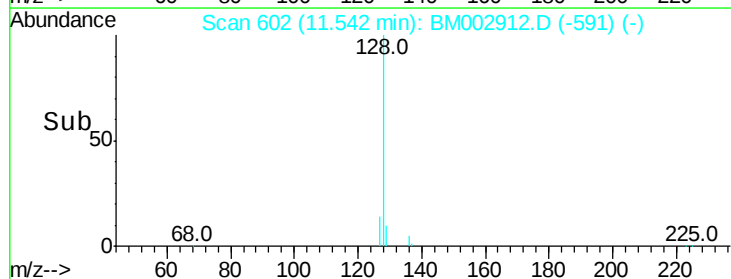
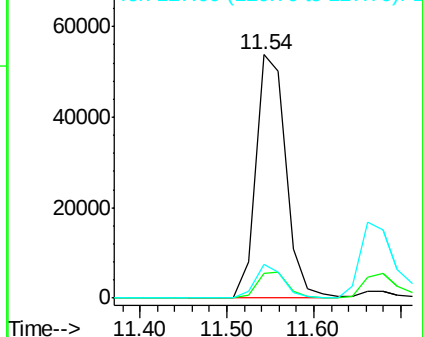
127 13.8 9.6 14.4

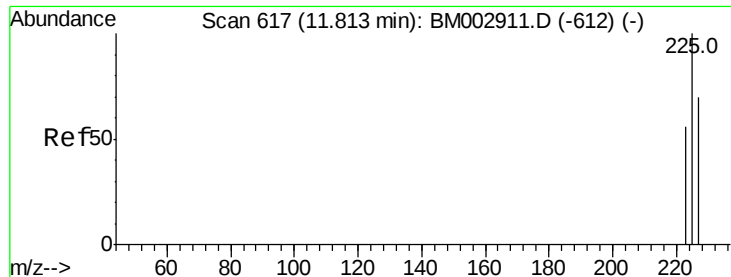


Abundance Ion 128.00 (127.70 to 128.70): BM002912.D (-594) (-)

Ion 129.00 (128.70 to 129.70): BM002912.D (-594) (-)

Ion 127.00 (126.70 to 127.70): BM002912.D (-594) (-)

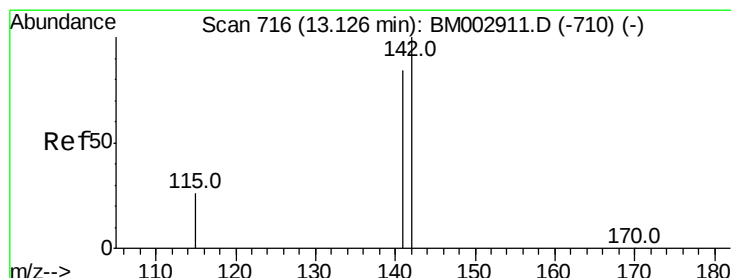
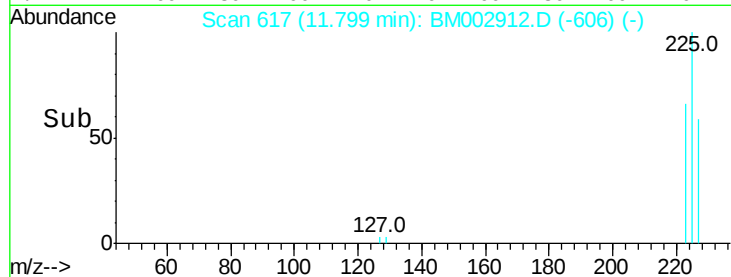
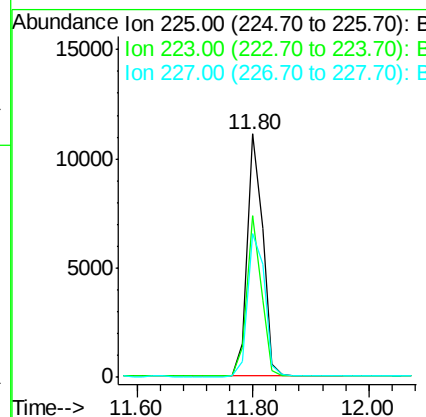
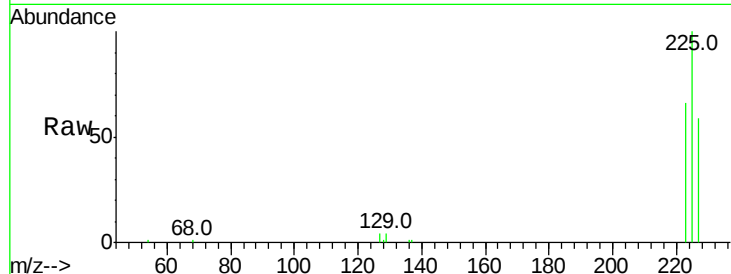




#11
Hexachlorobutadiene
Concen: 1.83 ng
RT: 11.80 min Scan# 617
Delta R.T. -0.01 min
Lab File: BM002912.D
Acq: 15 Oct 2015 13:25

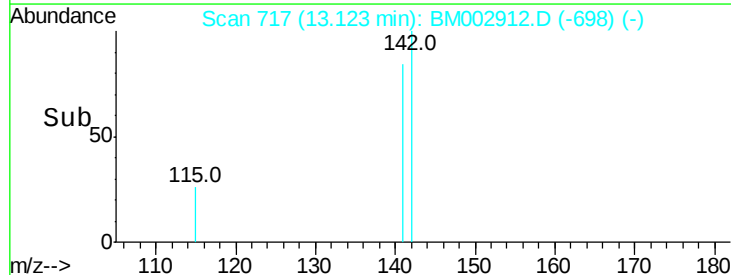
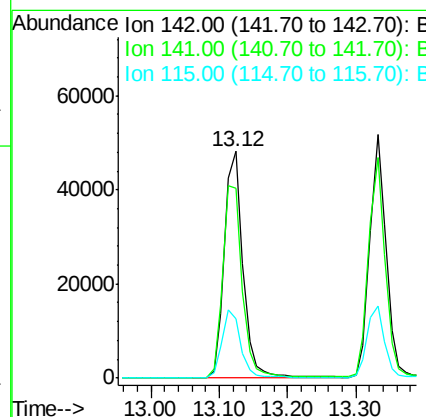
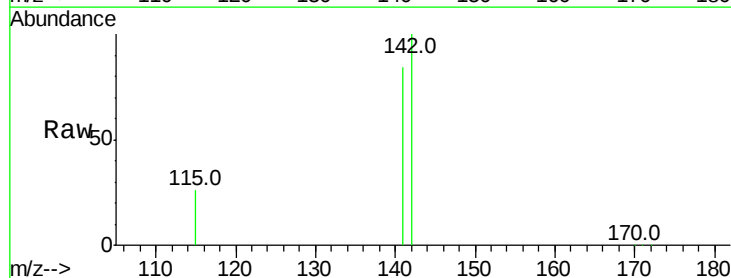
Instrument :
BNA_M
ClientSampleId :
SSTDICC002

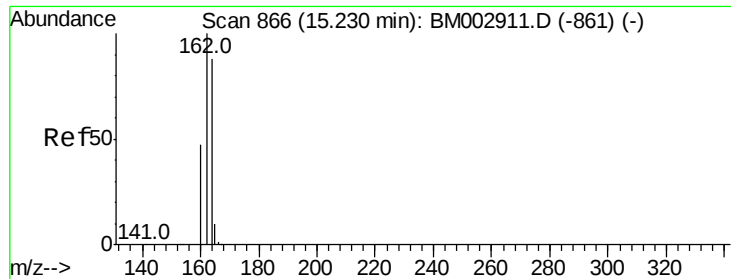
Tot Ion:225 Resp: 20766
Ion Ratio Lower Upper
225 100
223 62.3 50.1 75.1
227 64.1 51.2 76.8



#12
2-Methylnaphthalene
Concen: 1.96 ng
RT: 13.12 min Scan# 717
Delta R.T. -0.00 min
Lab File: BM002912.D
Acq: 15 Oct 2015 13:25

Tgt Ion:142 Resp: 90390
Ion Ratio Lower Upper
142 100
141 83.8 69.4 104.0
115 26.1 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: BM002912.D

Acq: 15 Oct 2015 13:25

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

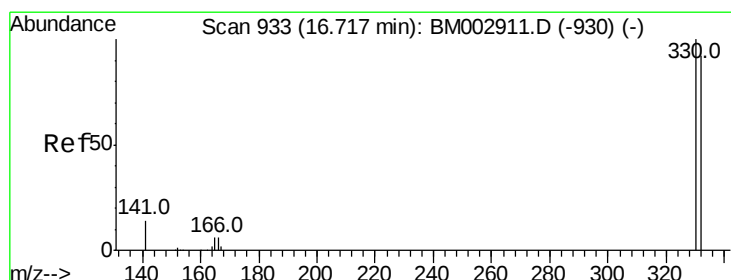
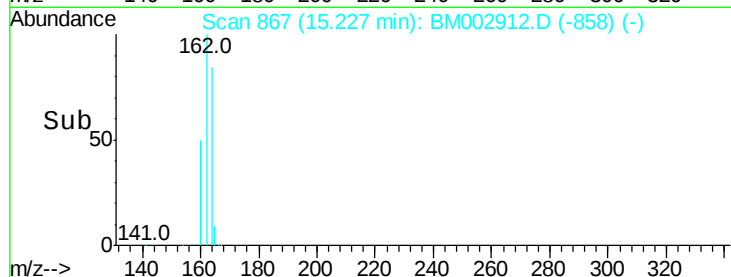
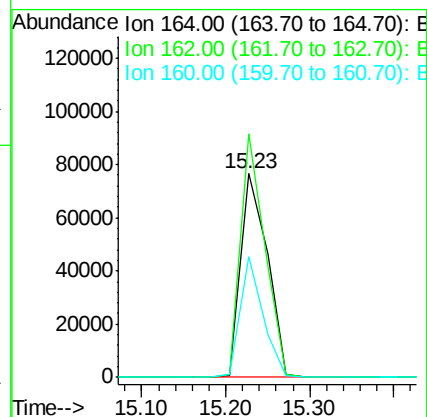
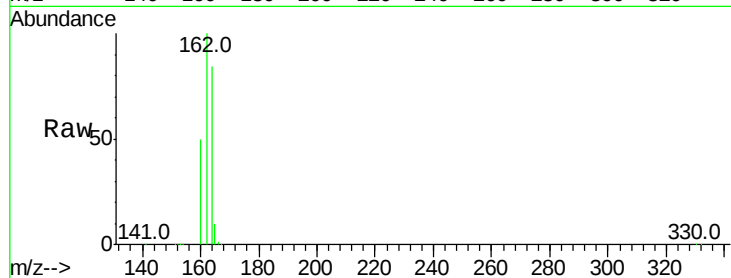
Tot Ion:164 Resp: 166358

Ion Ratio Lower Upper

164 100

162 119.5 79.6 119.4#

160 59.5 33.1 49.7#



#14

2,4,6-Tribromophenol

Concen: 2.48 ng

RT: 16.71 min Scan# 934

Delta R.T. -0.00 min

Lab File: BM002912.D

Acq: 15 Oct 2015 13:25

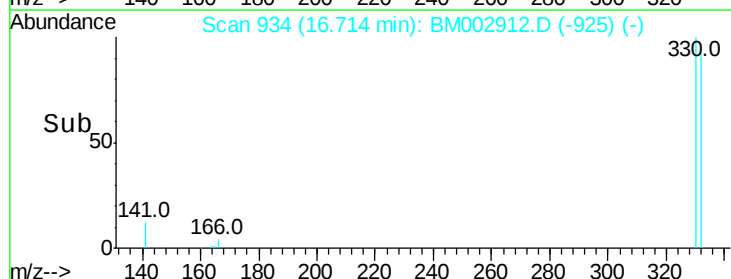
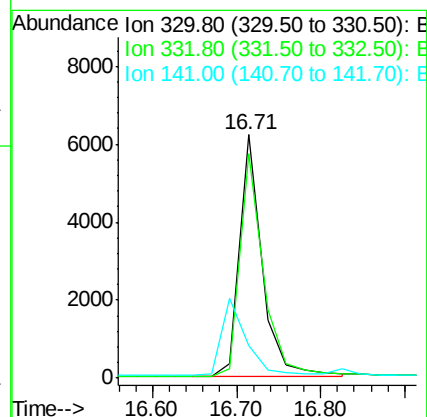
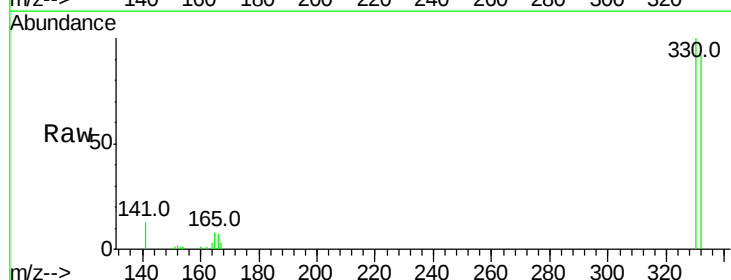
Tgt Ion:330 Resp: 11473

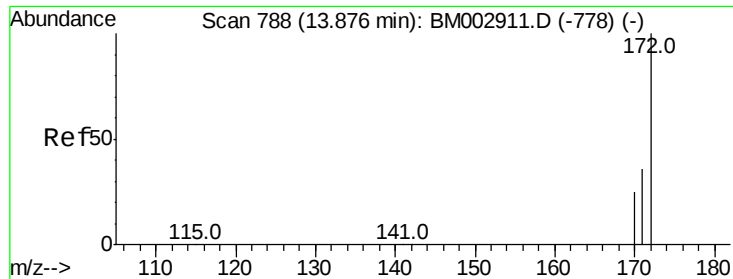
Ion Ratio Lower Upper

330 100

332 96.0 76.6 115.0

141 0.0 0.0 0.0

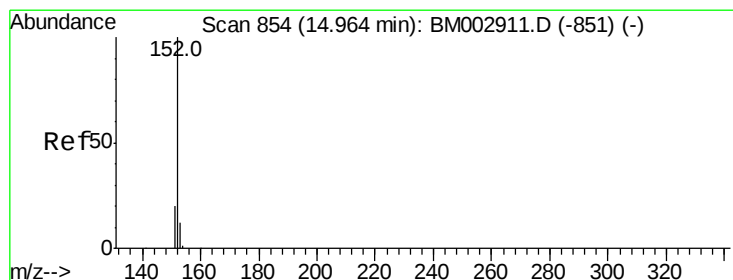
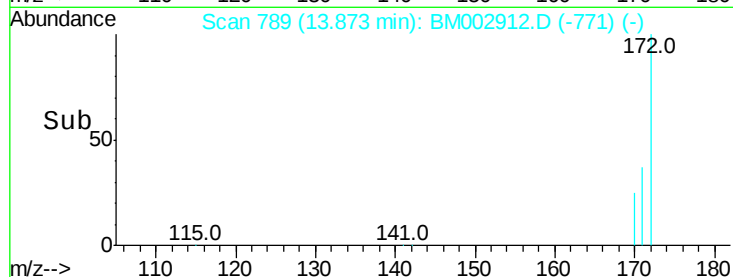
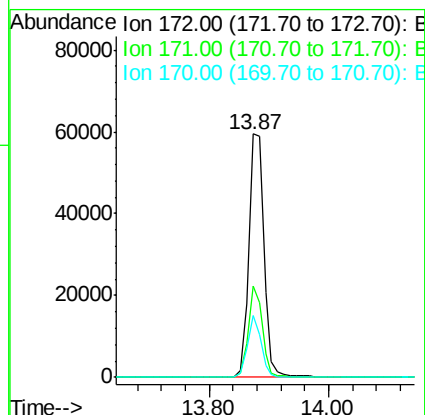
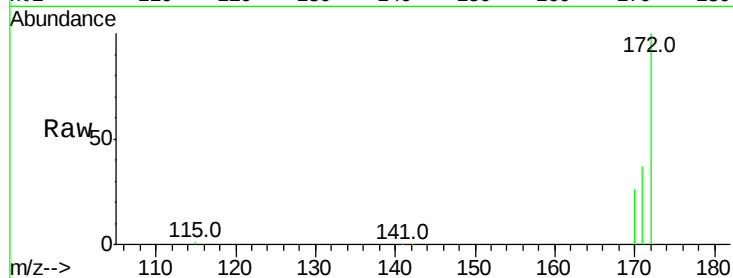




#15
2-Fluorobiphenyl
Concen: 1.91 ng
RT: 13.87 min Scan# 789
Delta R.T. -0.01 min
Lab File: BM002912.D
Acq: 15 Oct 2015 13:25

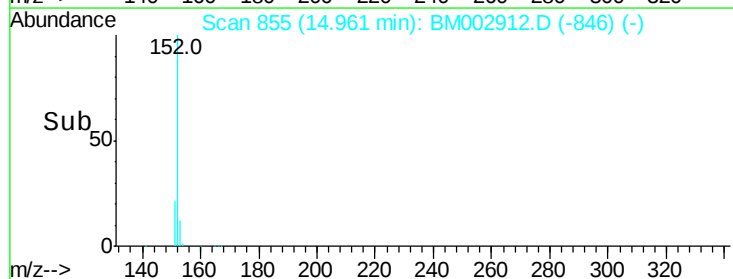
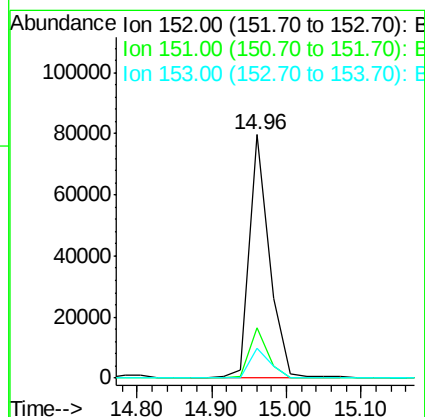
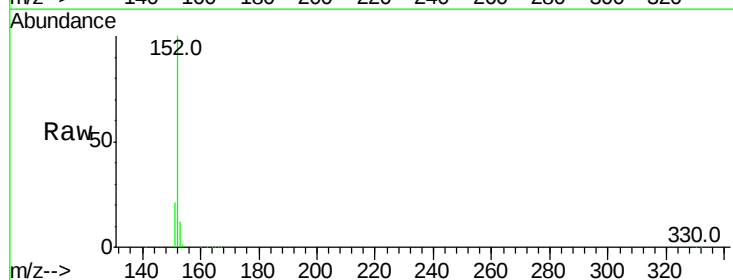
Instrument :
BNA_M
ClientSampleId :
SSTDICC002

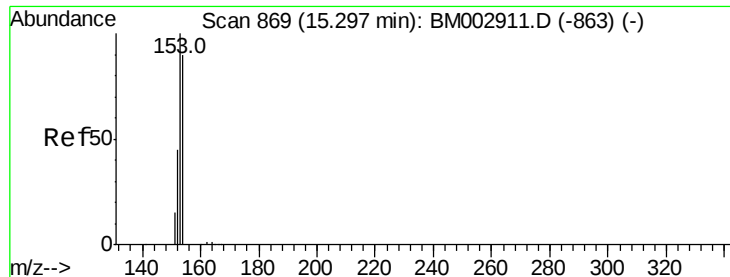
Tot Ion:172 Resp: 104041
Ion Ratio Lower Upper
172 100
171 37.4 26.1 39.1
170 25.5 15.7 23.5#



#16
Acenaphthylene
Concen: 2.12 ng
RT: 14.96 min Scan# 855
Delta R.T. -0.00 min
Lab File: BM002912.D
Acq: 15 Oct 2015 13:25

Tgt Ion:152 Resp: 147894
Ion Ratio Lower Upper
152 100
151 19.5 15.3 22.9
153 12.8 10.5 15.7





#17

Acenaphthene

Concen: 1.85 ng

RT: 15.29 min Scan# 870

Delta R.T. -0.00 min

Lab File: BM002912.D

Acq: 15 Oct 2015 13:25

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

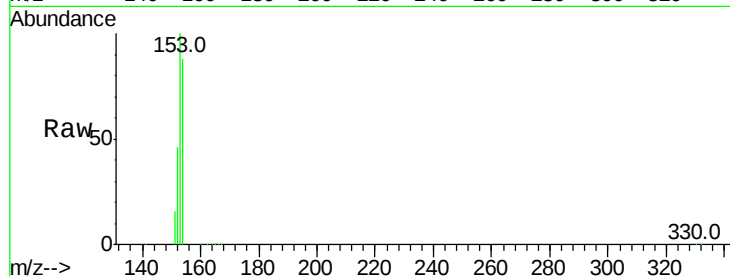
Tot Ion:154 Resp: 95518

Ion Ratio Lower Upper

154 100

153 112.2 0.0 0.0#

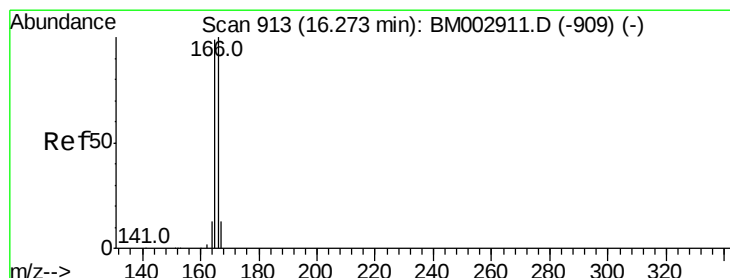
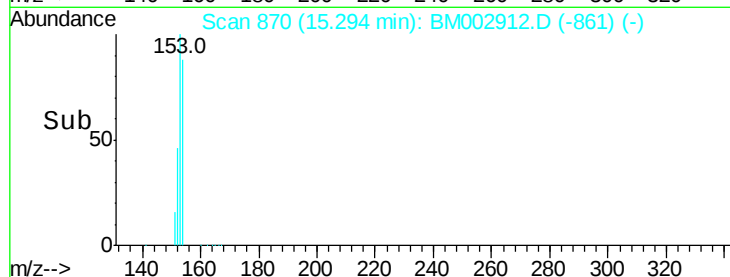
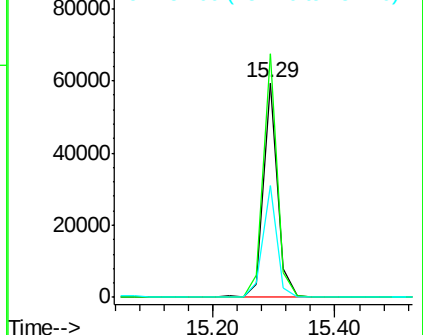
152 52.1 0.0 0.0#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 2.01 ng

RT: 16.27 min Scan# 914

Delta R.T. -0.00 min

Lab File: BM002912.D

Acq: 15 Oct 2015 13:25

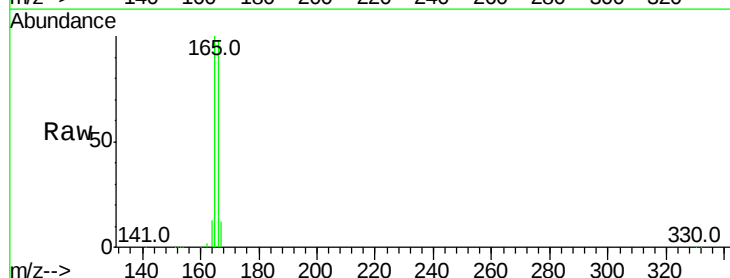
Tgt Ion:166 Resp: 119852

Ion Ratio Lower Upper

166 100

165 98.7 77.3 115.9

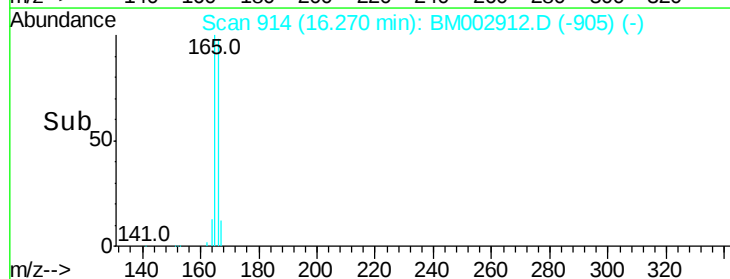
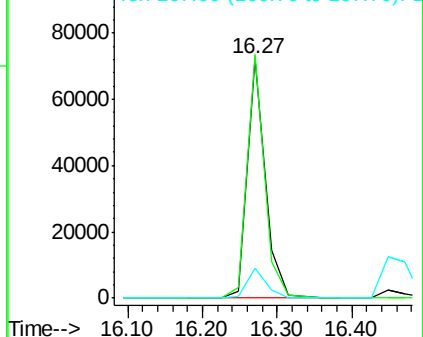
167 13.3 10.9 16.3

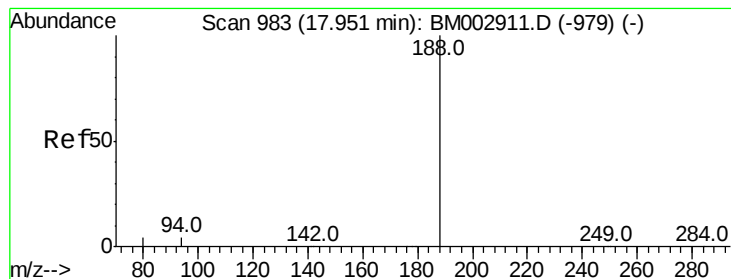


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.95 min Scan# 984

Delta R.T. -0.01 min

Lab File: BM002912.D

Acq: 15 Oct 2015 13:25

Instrument :

BNA_M

ClientSampleId :

SSTDIC002

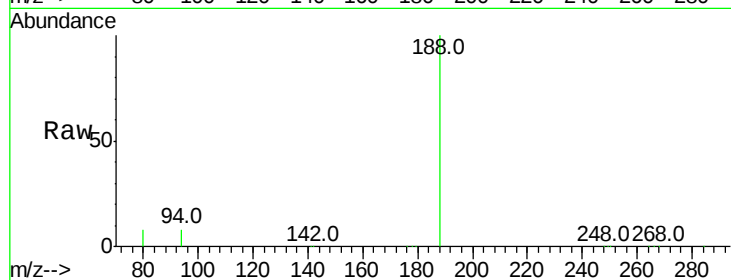
Tot Ion:188 Resp: 430200

Ion Ratio Lower Upper

188 100

94 8.5 15.2 22.8#

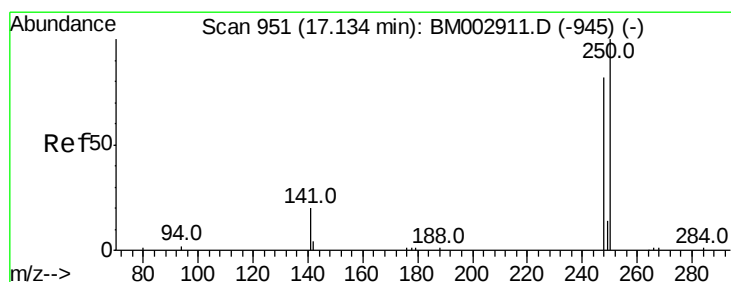
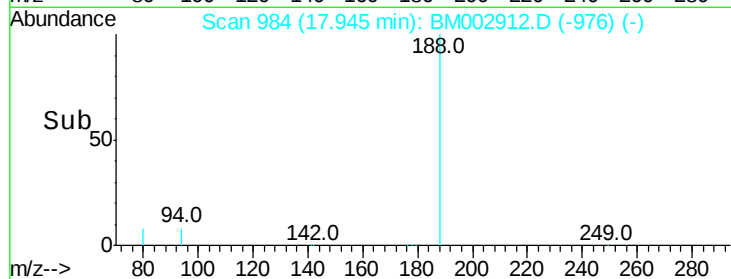
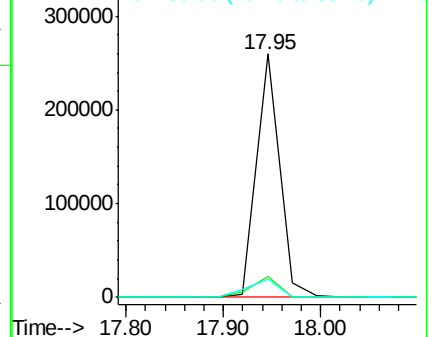
80 7.8 15.9 23.9#



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: 1.94 ng

RT: 17.13 min Scan# 952

Delta R.T. -0.01 min

Lab File: BM002912.D

Acq: 15 Oct 2015 13:25

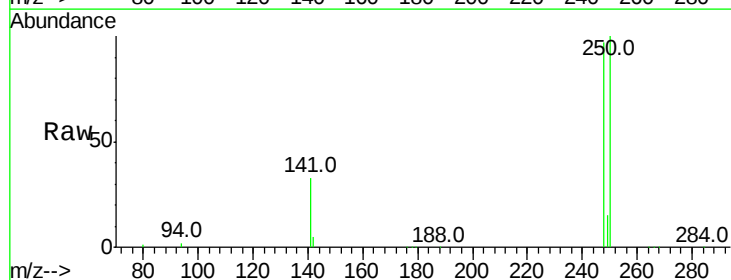
Tgt Ion:248 Resp: 35974

Ion Ratio Lower Upper

248 100

250 101.9 71.4 107.2

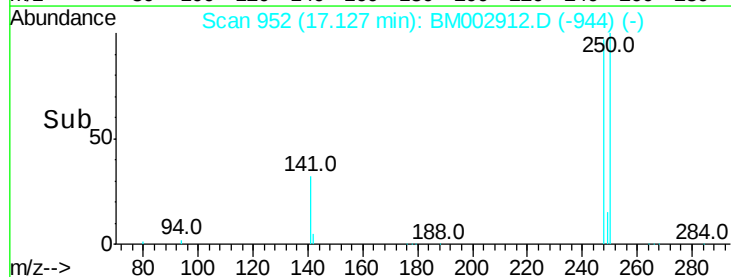
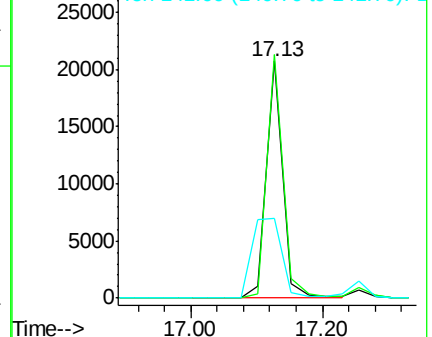
141 61.2 54.6 82.0

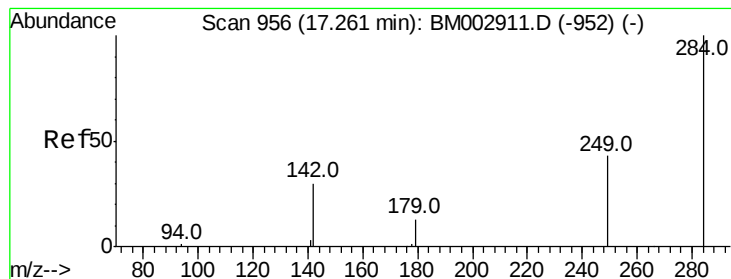


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 1.56 ng

RT: 17.28 min Scan# 958

Delta R.T. 0.02 min

Lab File: BM002912.D

Acq: 15 Oct 2015 13:25

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

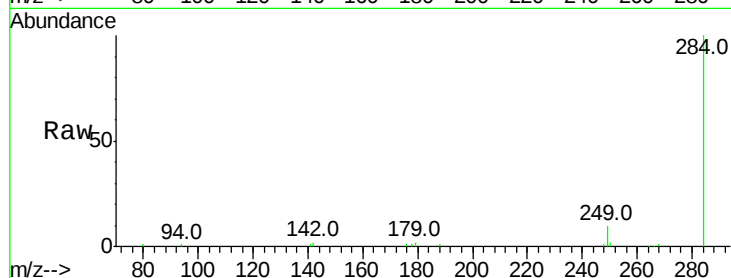
Tot Ion:284 Resp: 34682

Ion Ratio Lower Upper

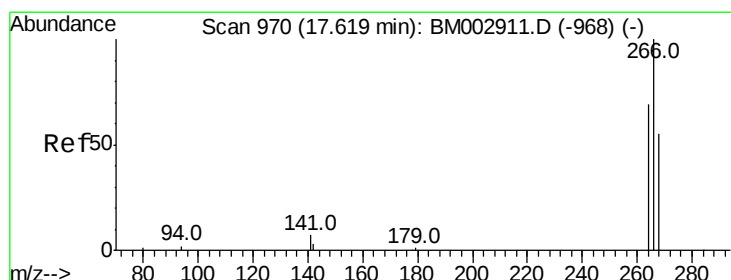
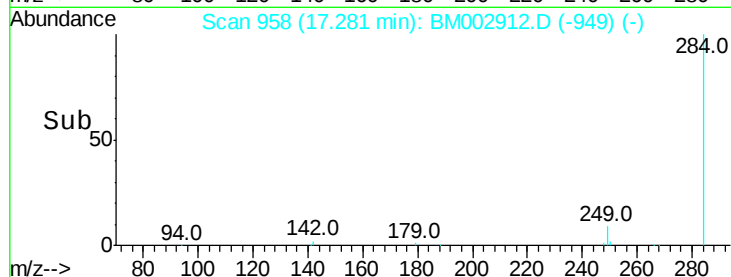
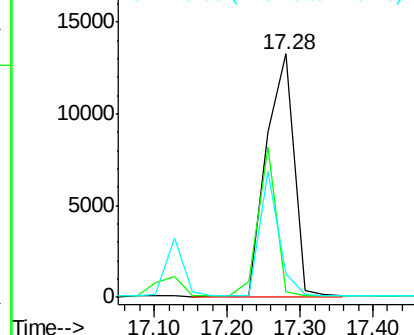
284 100

142 0.0 0.0 0.0

249 0.0 20.7 31.1#



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 3.45 ng

RT: 17.61 min Scan# 971

Delta R.T. -0.03 min

Lab File: BM002912.D

Acq: 15 Oct 2015 13:25

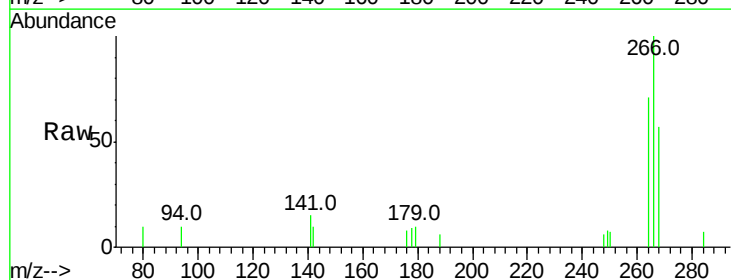
Tgt Ion:266 Resp: 3705

Ion Ratio Lower Upper

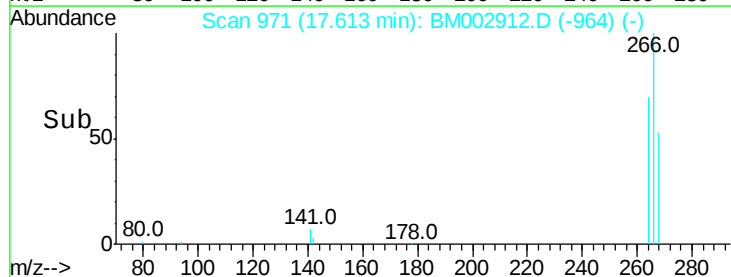
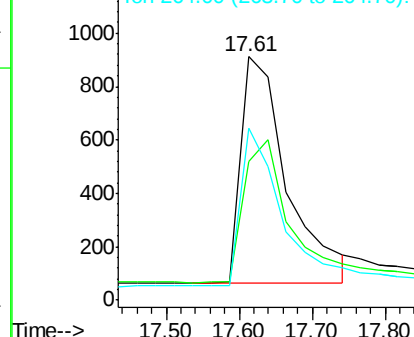
266 100

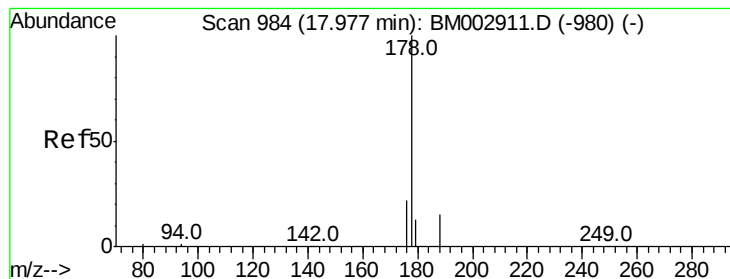
268 56.9 58.3 87.5#

264 70.7 54.2 81.2



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#23

Phenanthrene

Concen: 1.64 ng

RT: 18.00 min Scan# 986

Delta R.T. 0.02 min

Lab File: BM002912.D

Acq: 15 Oct 2015 13:25

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

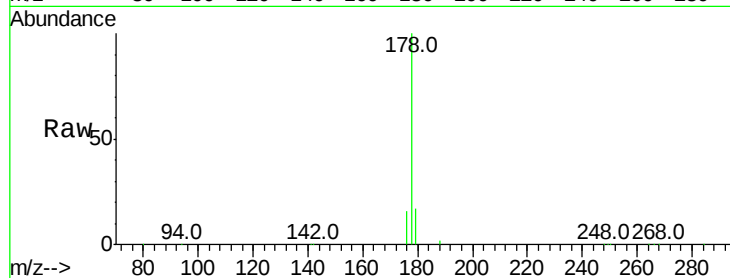
Tot Ion:178 Resp: 174570

Ion Ratio Lower Upper

178 100

176 18.3 14.6 21.8

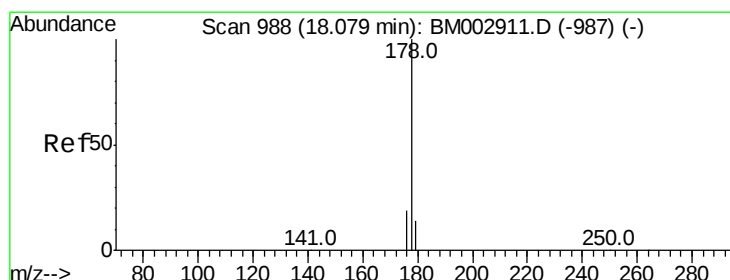
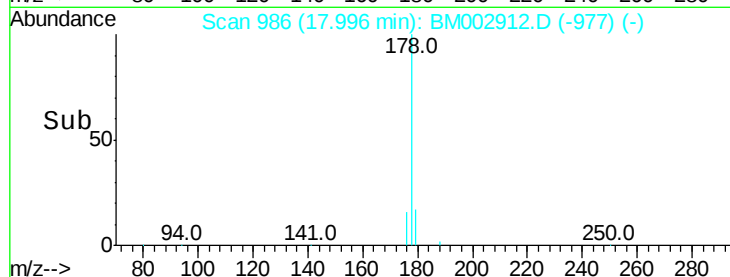
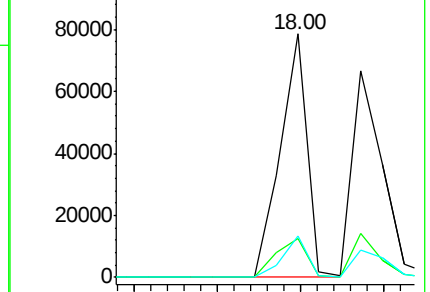
179 15.7 12.5 18.7



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: 1.74 ng

RT: 18.07 min Scan# 989

Delta R.T. -0.01 min

Lab File: BM002912.D

Acq: 15 Oct 2015 13:25

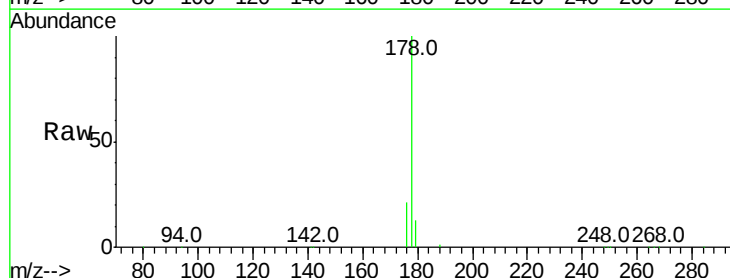
Tgt Ion:178 Resp: 164463

Ion Ratio Lower Upper

178 100

176 18.8 13.9 20.9

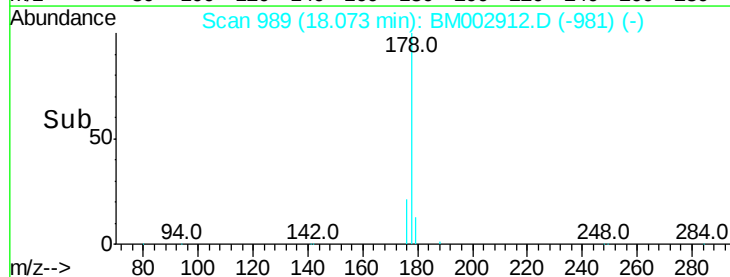
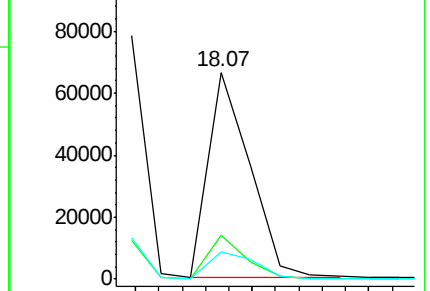
179 14.8 12.6 18.8

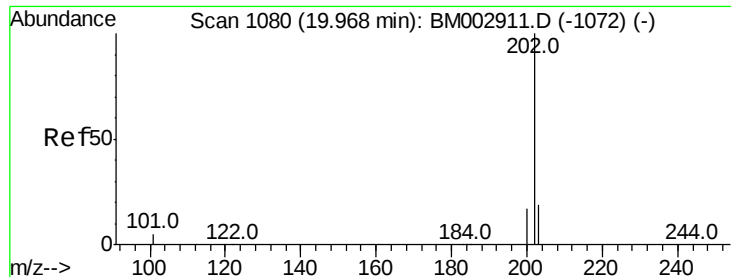


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 1.85 ng

RT: 19.96 min Scan# 1081

Delta R.T. -0.01 min

Lab File: BM002912.D

Acq: 15 Oct 2015 13:25

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

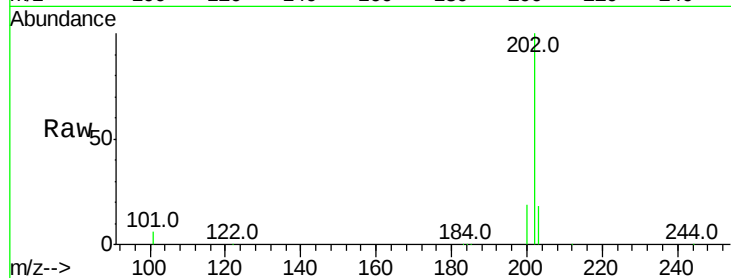
Tot Ion:202 Resp: 208465

Ion Ratio Lower Upper

202 100

101 13.6 11.0 16.6

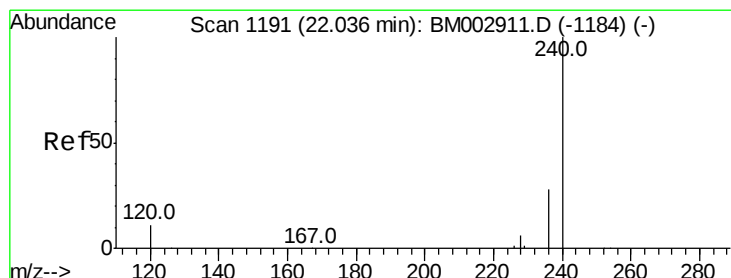
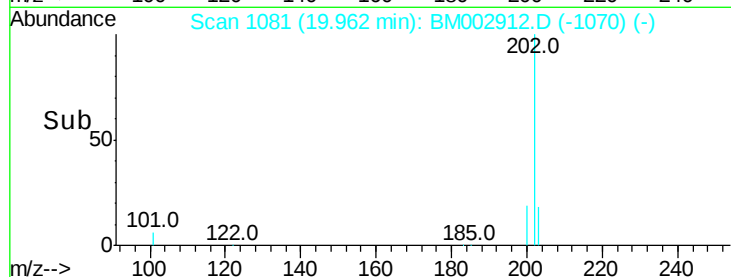
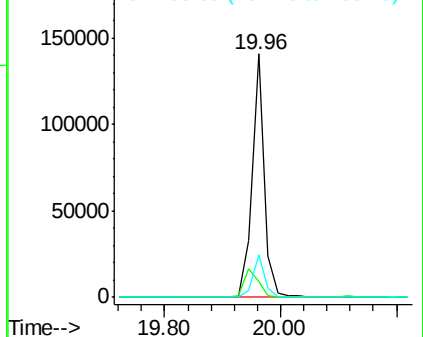
203 17.4 13.8 20.6



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: 22.03 min Scan# 1192

Delta R.T. -0.01 min

Lab File: BM002912.D

Acq: 15 Oct 2015 13:25

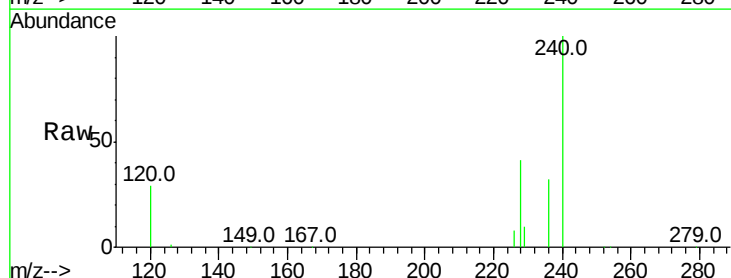
Tgt Ion:240 Resp: 373641

Ion Ratio Lower Upper

240 100

120 28.9 3.3 4.9#

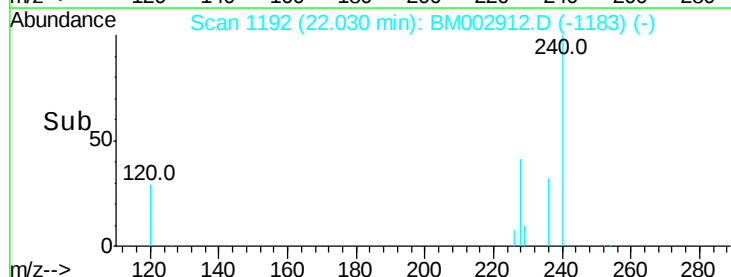
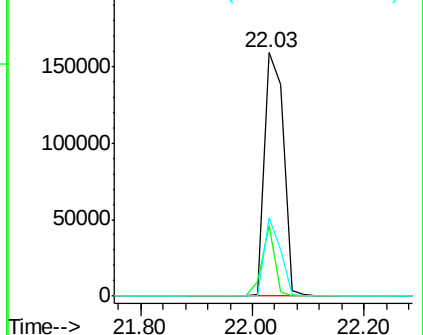
236 32.0 19.5 29.3#

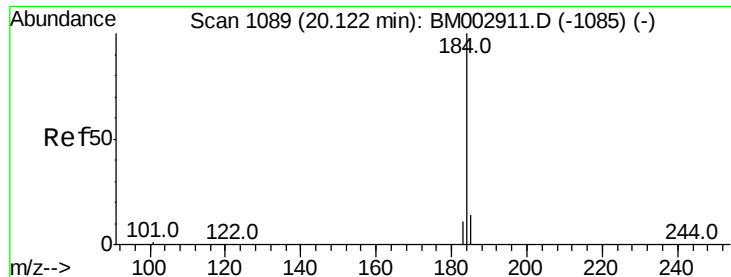


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

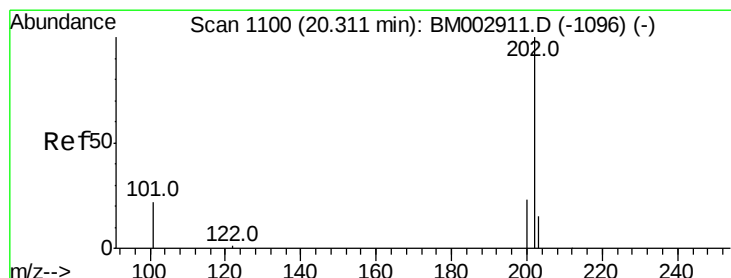
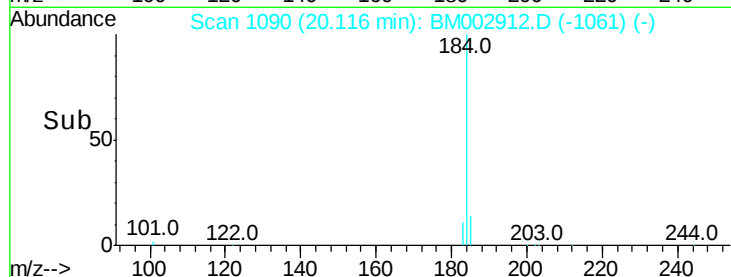
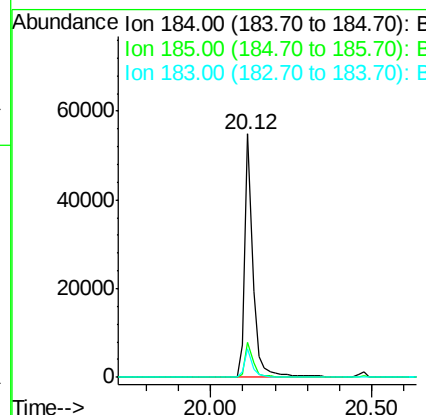
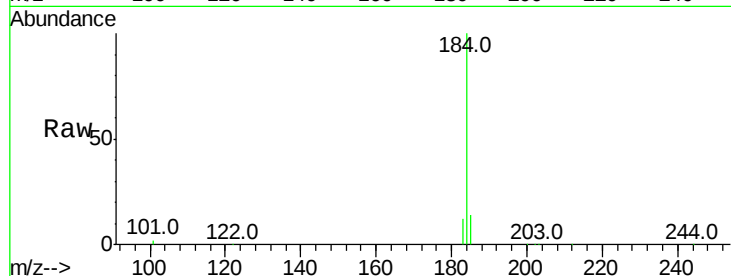




#27
Benzidine
Concen: 2.53 ng
RT: 20.12 min Scan# 1090
Delta R.T. -0.01 min
Lab File: BM002912.D
Acq: 15 Oct 2015 13:25

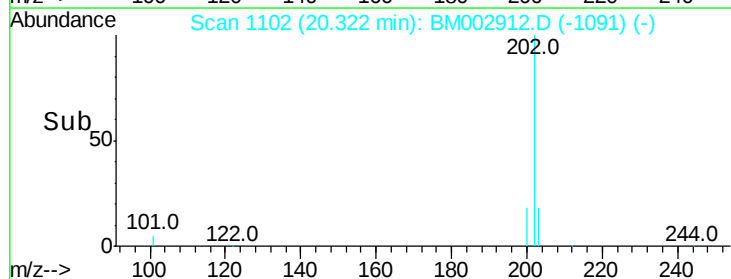
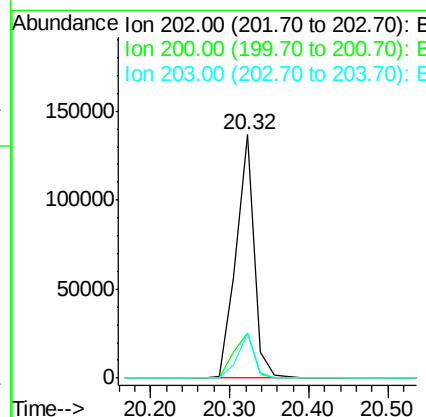
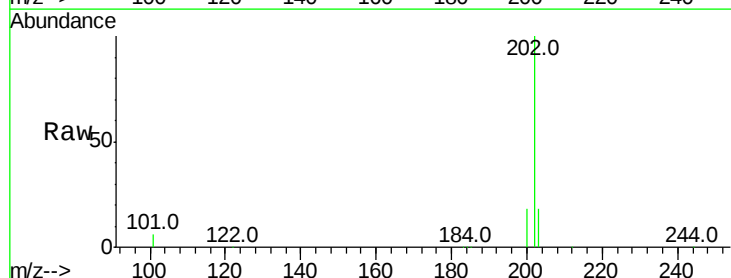
Instrument :
BNA_M
ClientSampleId :
SSTDICC002

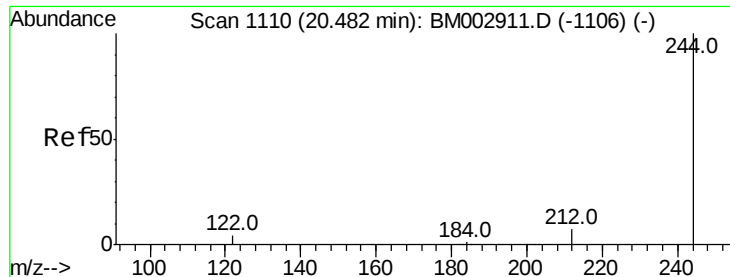
Tot Ion:184 Resp: 96790
Ion Ratio Lower Upper
184 100
185 14.4 12.0 18.0
183 11.5 8.9 13.3



#28
Pyrene
Concen: 1.96 ng
RT: 20.32 min Scan# 1102
Delta R.T. -0.01 min
Lab File: BM002912.D
Acq: 15 Oct 2015 13:25

Tgt Ion:202 Resp: 216628
Ion Ratio Lower Upper
202 100
200 20.4 16.2 24.4
203 17.5 13.8 20.8





#29

Terphenyl-d14

Concen: 1.98 ng

RT: 20.48 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BM002912.D

Acq: 15 Oct 2015 13:25

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

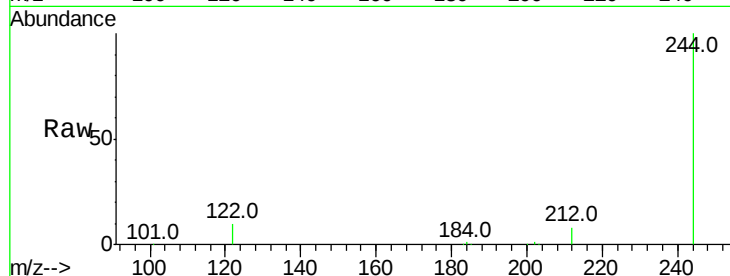
Tot Ion:244 Resp: 112275

Ion Ratio Lower Upper

244 100

212 8.5 5.6 8.4#

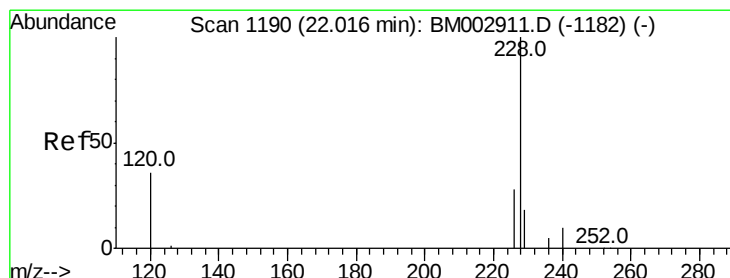
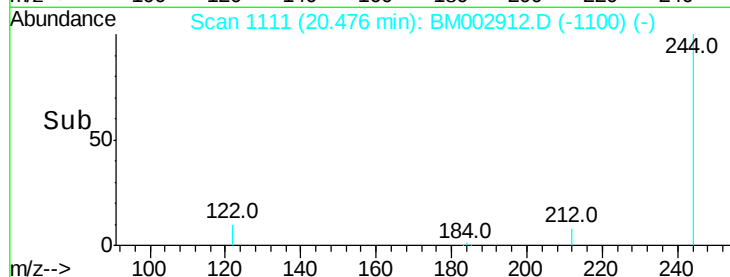
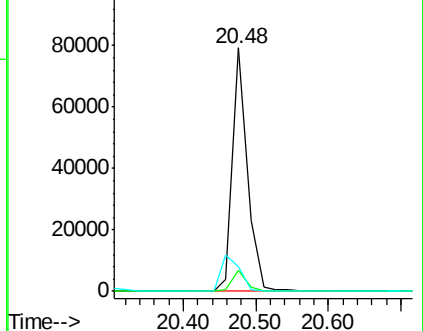
122 10.0 2.2 3.2#



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: 1.71 ng

RT: 22.01 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BM002912.D

Acq: 15 Oct 2015 13:25

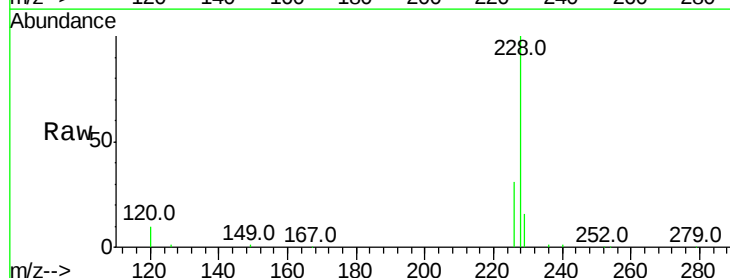
Tgt Ion:228 Resp: 200369

Ion Ratio Lower Upper

228 100

226 31.4 19.0 28.6#

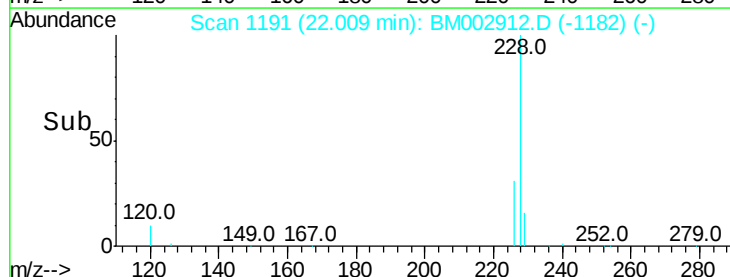
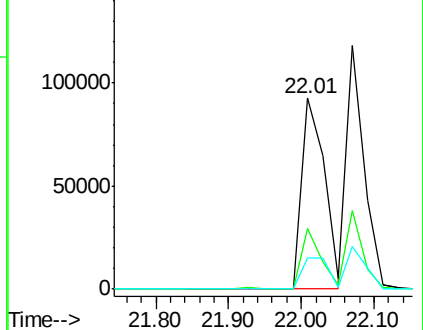
229 16.1 16.8 25.2#

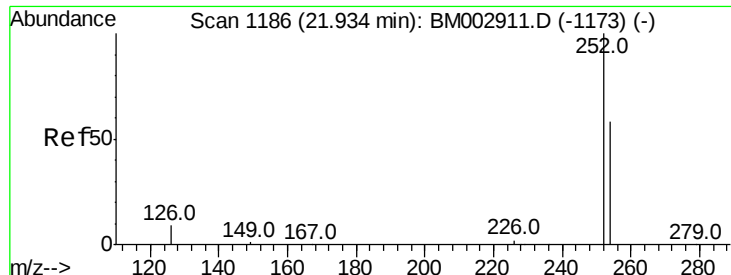


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

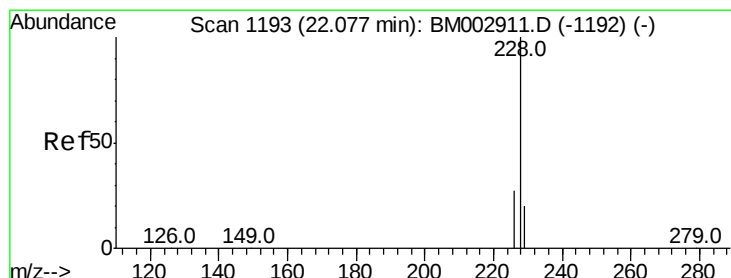
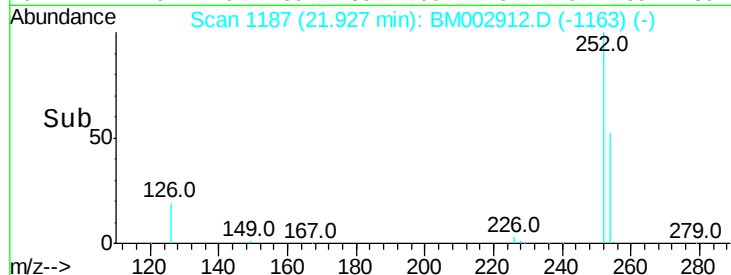
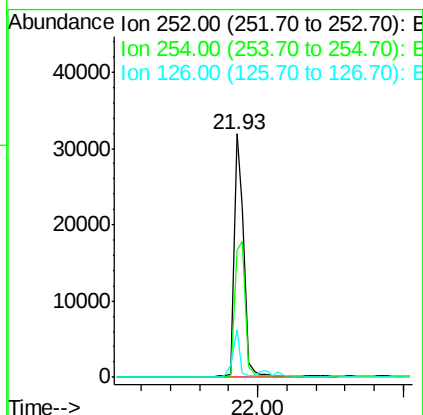
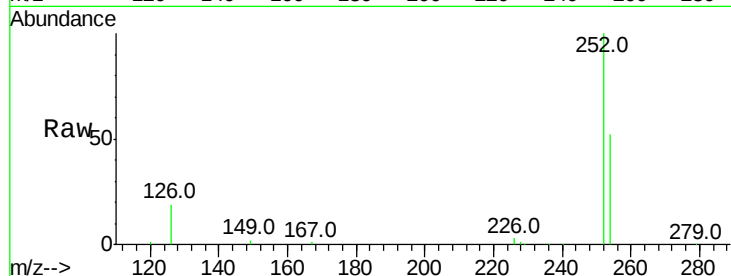




#31
 3,3'-Dichlorobenzidine
 Concen: 2.06 ng
 RT: 21.93 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BM002912.D
 Acq: 15 Oct 2015 13:25

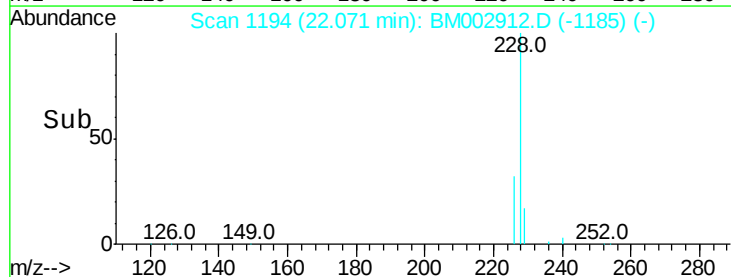
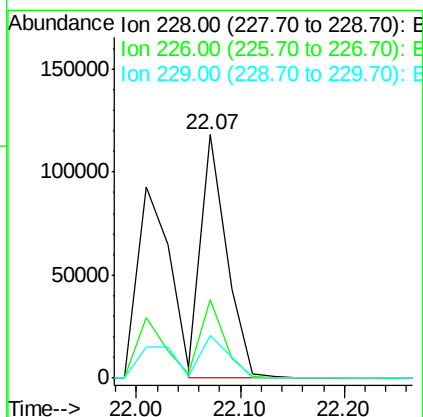
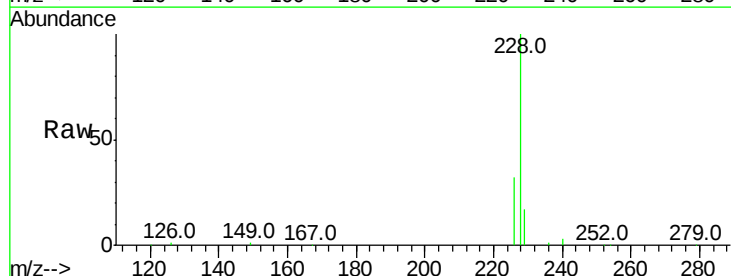
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC002

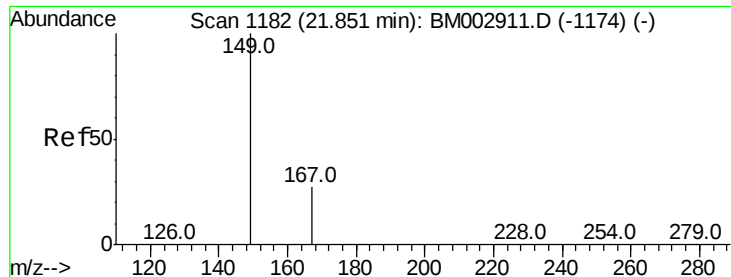
Tot Ion:252 Resp: 71394
 Ion Ratio Lower Upper
 252 100
 254 52.3 54.1 81.1#
 126 19.4 4.1 6.1#



#32
 Chrysene
 Concen: 2.09 ng
 RT: 22.07 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BM002912.D
 Acq: 15 Oct 2015 13:25

Tgt Ion:228 Resp: 200843
 Ion Ratio Lower Upper
 228 100
 226 32.2 20.6 30.8#
 229 17.4 17.4 26.2#





#33

Bis(2-ethylhexyl)phthalate

Concen: 2.03 ng

RT: 21.85 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BM002912.D

Acq: 15 Oct 2015 13:25

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

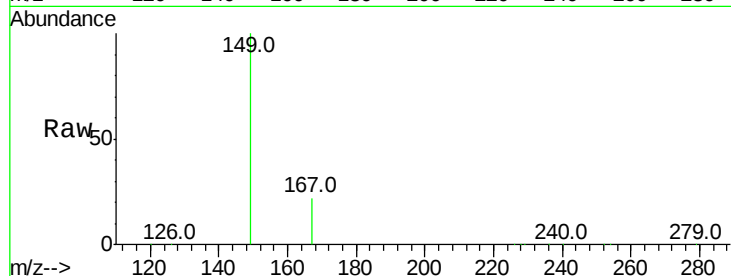
Tot Ion:149 Resp: 115095

Ion Ratio Lower Upper

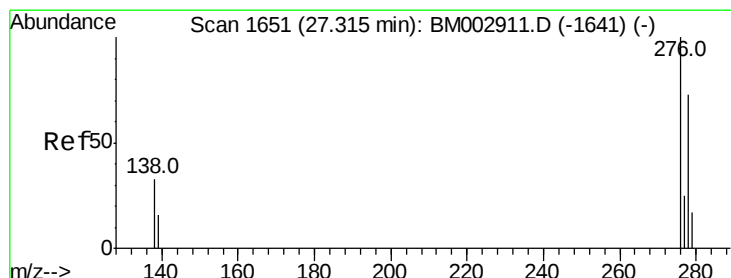
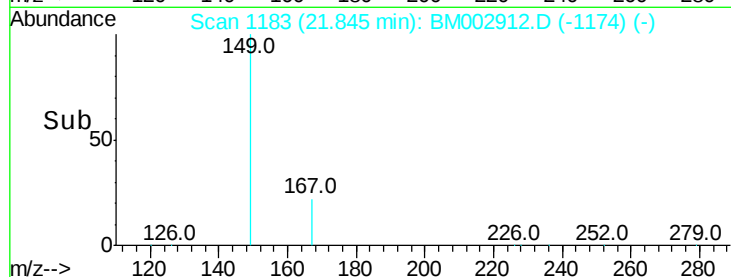
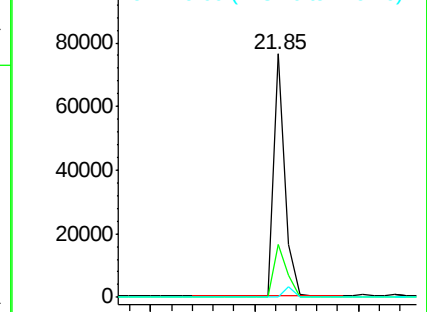
149 100

167 24.9 17.2 25.8

279 0.0 2.2 3.4#



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



#34

Indeno(1,2,3-cd)pyrene

Concen: 2.07 ng

RT: 27.31 min Scan# 1652

Delta R.T. -0.01 min

Lab File: BM002912.D

Acq: 15 Oct 2015 13:25

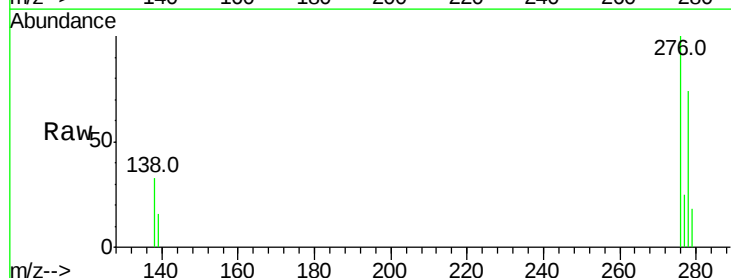
Tgt Ion:276 Resp: 213892

Ion Ratio Lower Upper

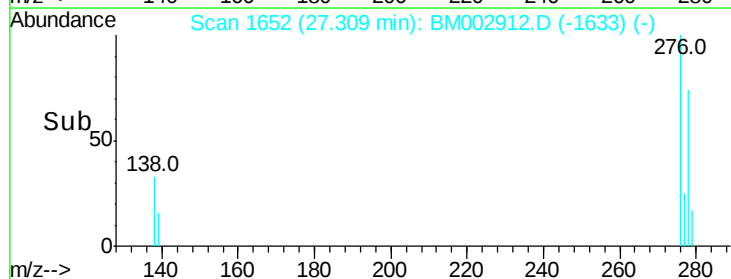
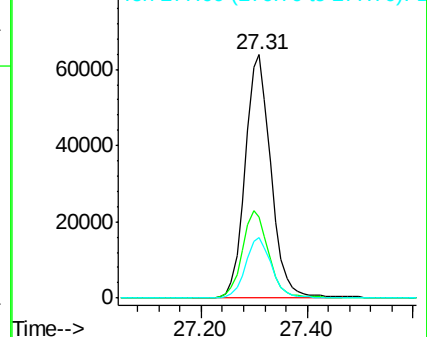
276 100

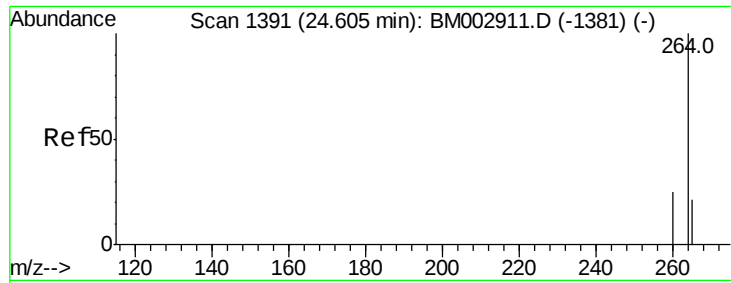
138 36.3 29.0 43.6

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

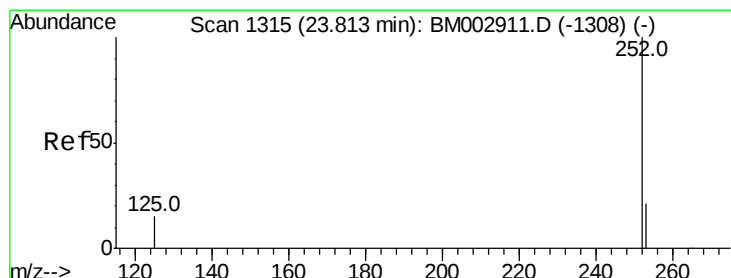
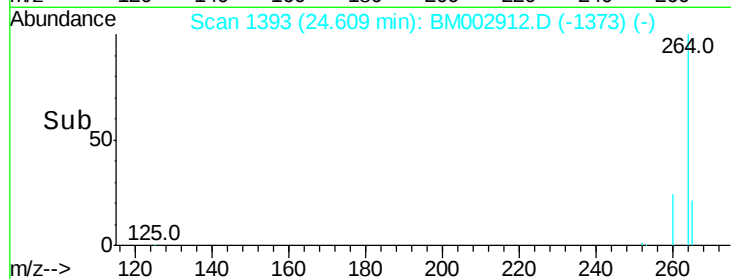
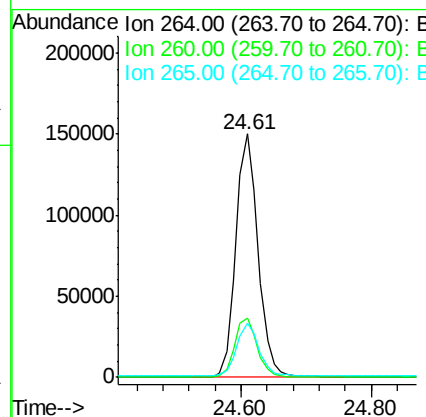
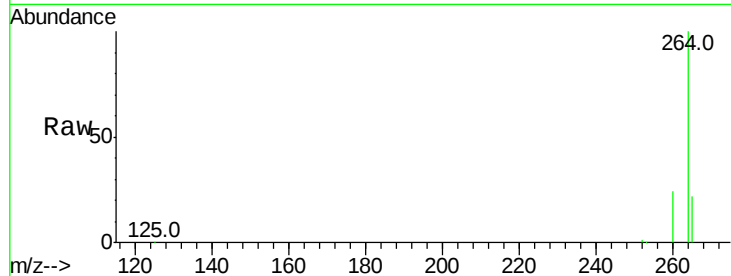




#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 24.61 min Scan# 1393
 Delta R.T. 0.00 min
 Lab File: BM002912.D
 Acq: 15 Oct 2015 13:25

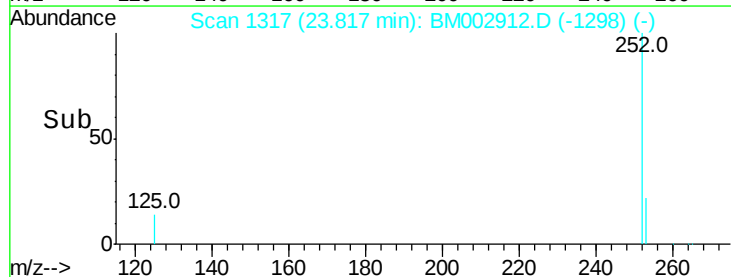
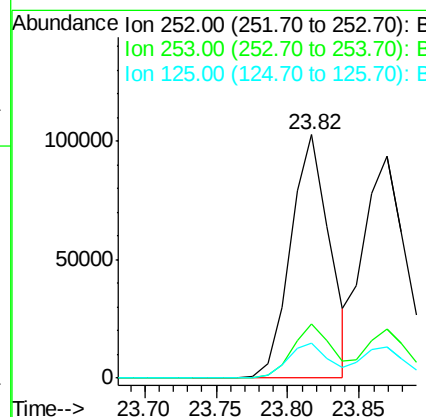
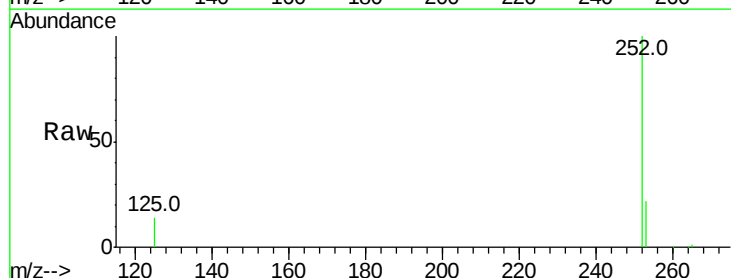
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC002

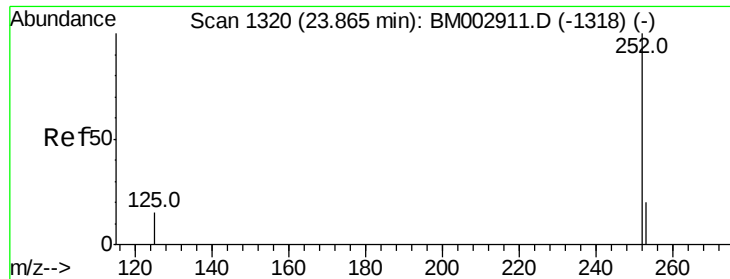
Tot Ion:264 Resp: 354489
 Ion Ratio Lower Upper
 264 100
 260 24.5 20.1 30.1
 265 22.0 17.6 26.4



#36
 Benzo(b)fluoranthene
 Concen: 1.89 ng
 RT: 23.82 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BM002912.D
 Acq: 15 Oct 2015 13:25

Tgt Ion:252 Resp: 194422
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.5 26.3
 125 14.1 12.4 18.6





#37

Benzo(k)fluoranthene

Concen: 1.94 ng

RT: 23.87 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BM002912.D

Acq: 15 Oct 2015 13:25

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

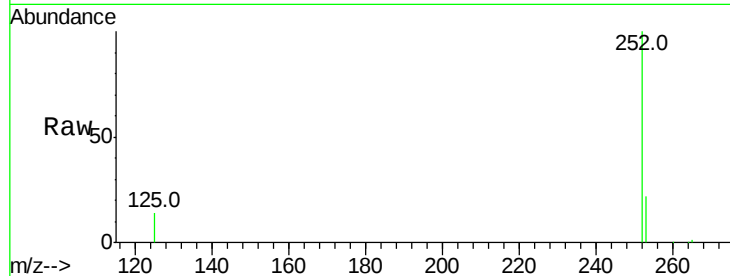
Tot Ion:252 Resp: 196562

Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

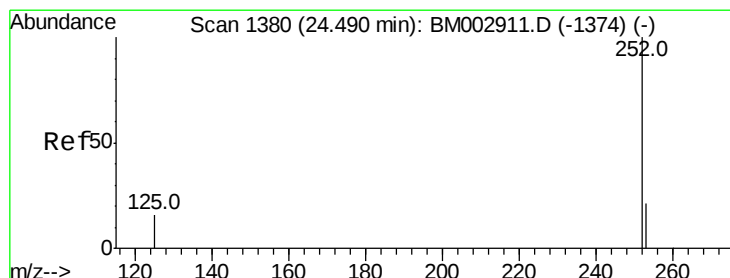
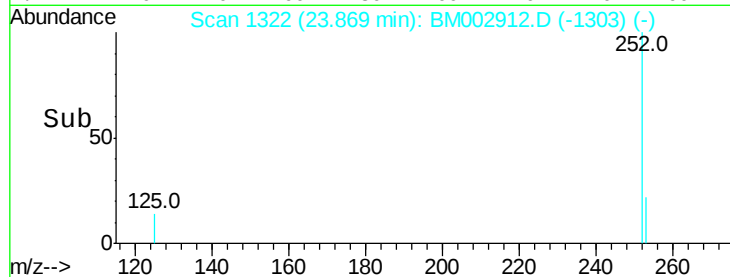
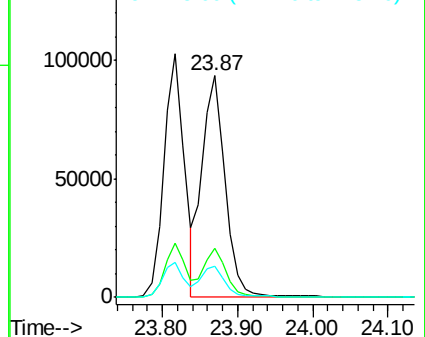
125 14.0 12.3 18.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Benzo(a)pyrene

Concen: 1.95 ng

RT: 24.49 min Scan# 1382

Delta R.T. -0.01 min

Lab File: BM002912.D

Acq: 15 Oct 2015 13:25

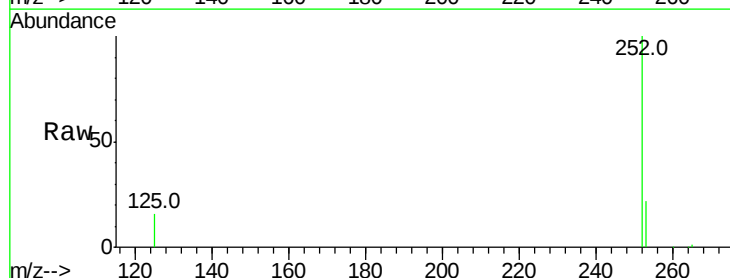
Tgt Ion:252 Resp: 175880

Ion Ratio Lower Upper

252 100

253 21.7 18.4 27.6

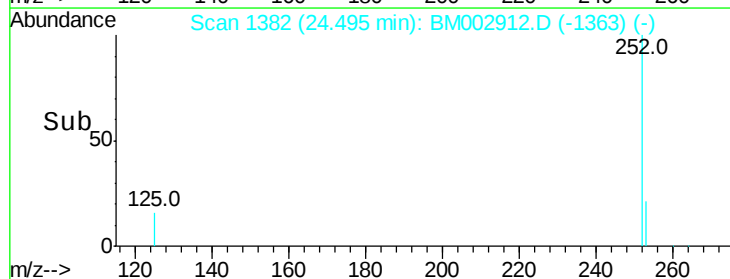
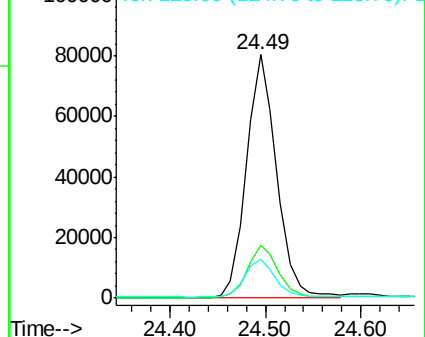
125 16.1 13.3 19.9

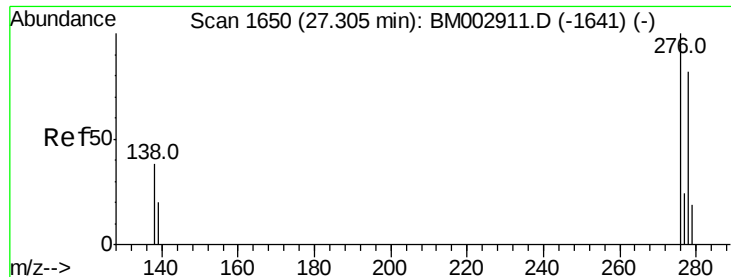


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 1.98 ng

RT: 27.30 min Scan# 1651

Delta R.T. -0.02 min

Lab File: BM002912.D

Acq: 15 Oct 2015 13:25

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

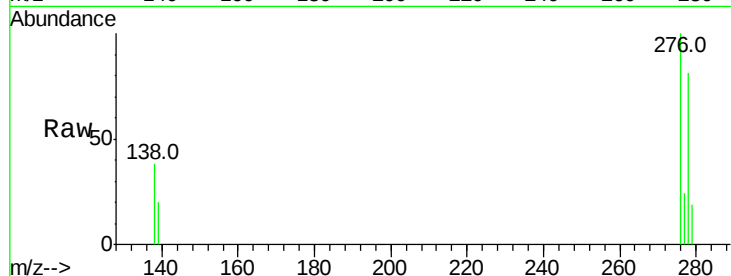
Tot Ion:278 Resp: 170821

Ion Ratio Lower Upper

278 100

139 24.4 19.8 29.6

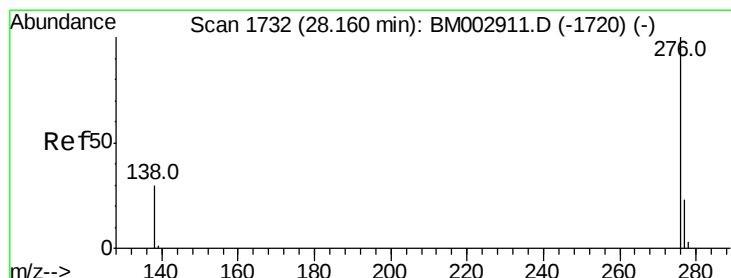
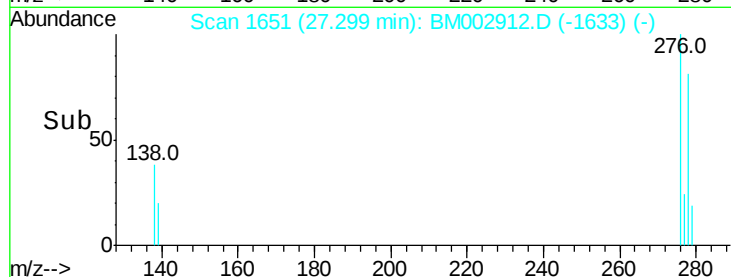
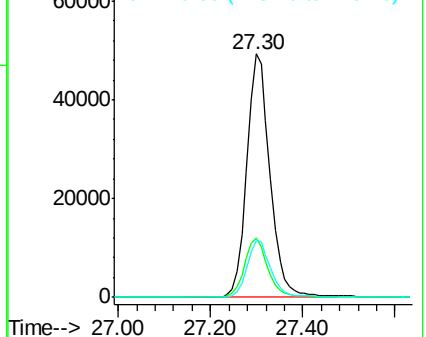
279 23.2 19.1 28.7



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: 1.91 ng

RT: 28.15 min Scan# 1733

Delta R.T. -0.02 min

Lab File: BM002912.D

Acq: 15 Oct 2015 13:25

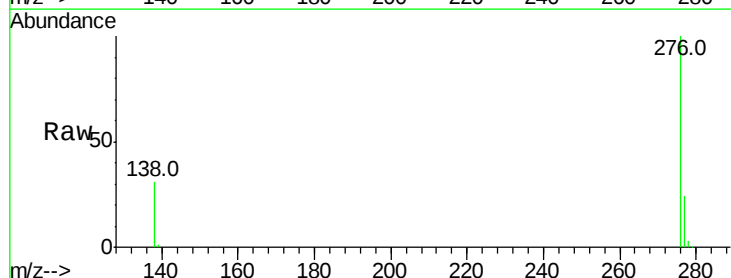
Tgt Ion:276 Resp: 175347

Ion Ratio Lower Upper

276 100

277 23.5 19.4 29.0

138 30.8 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

