

Data Path : Z:\HPCHEM1\BNA M\DATA\BM010216\
 Data File : BM003914.D
 Acq On : 31 Dec 2015 14:57
 Operator : SJ/UM
 Sample : SSTDICC010
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC010

Quant Time: Dec 31 15:31:10 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM010216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 31 15:10:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	74766	5.00	ng	0.00
7) Naphthalene-d8	10.46	136	319958	5.00	ng	0.00
13) Acenaphthene-d10	14.33	164	162731	5.00	ng	0.00
19) Phenanthrene-d10	17.06	188	379139	5.00	ng	0.00
26) Chrysene-d12	21.27	240	209393	5.00	ng	0.00
35) Perylene-d12	23.52	264	169007	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.27	112	159754	10.51	ng	0.00
5) Phenol-d6	6.85	99	211321	11.49	ng	0.00
8) Nitrobenzene-d5	8.83	82	184680	12.04	ng	-0.01
14) 2,4,6-Tribromophenol	15.81	330	50277	14.01	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	502952	9.53	ng	0.00
29) Terphenyl-d14	19.71	244	361475	10.77	ng	-0.02

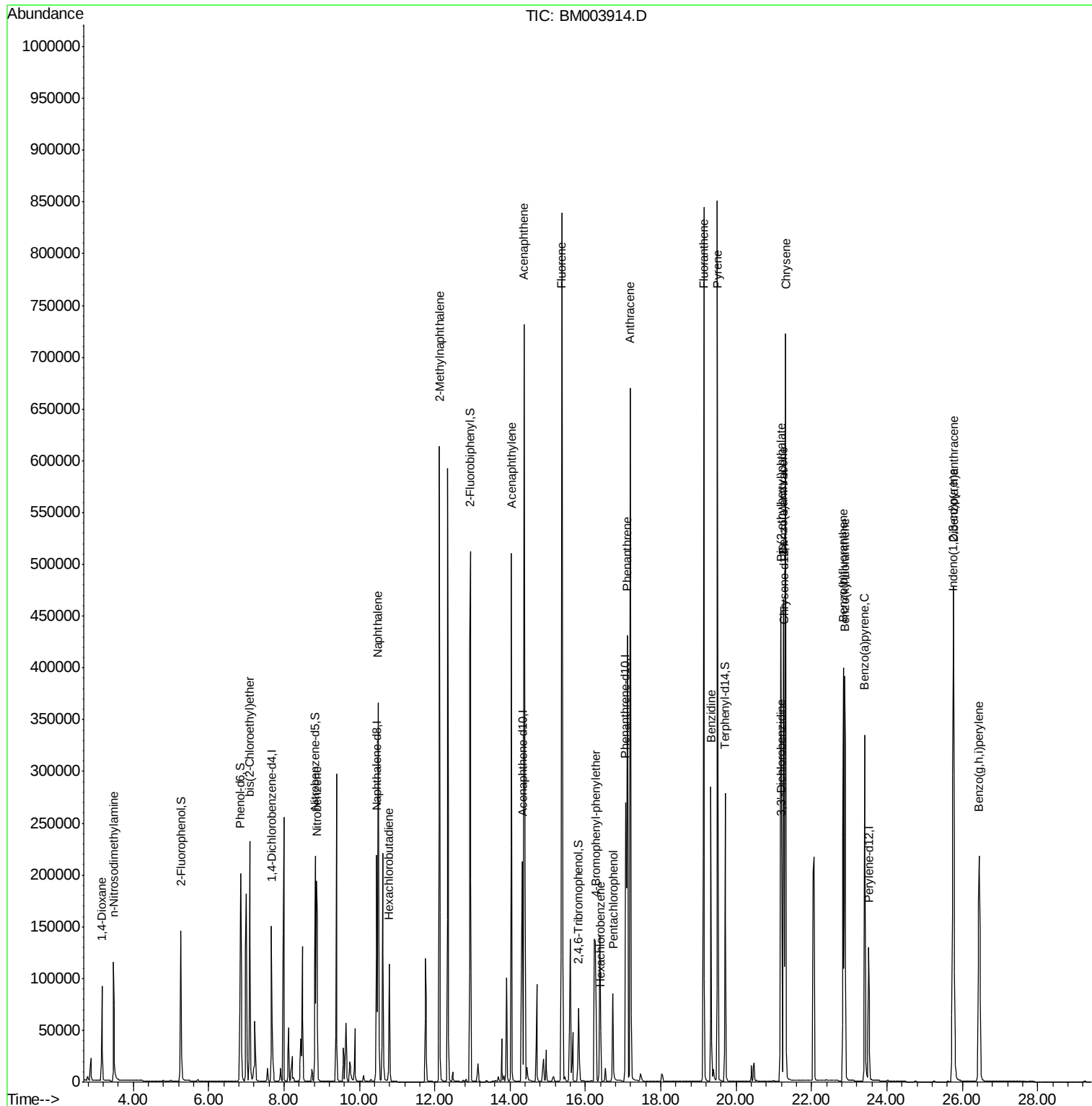
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.17	88	62244	8.48	ng	96
3) n-Nitrosodimethylamine	3.48	42	80822	10.52	ng	100
6) bis(2-Chloroethyl)ether	7.09	93	174993	10.25	ng	99
9) Nitrobenzene	8.87	77	202950	12.28	ng	96
10) Naphthalene	10.49	128	658824	9.33	ng	99
11) Hexachlorobutadiene	10.78	225	103779	9.67	ng	99
12) 2-Methylnaphthalene	12.12	142	461729	9.72	ng	# 90
16) Acenaphthylene	14.04	152	749676	11.21	ng	99
17) Acenaphthene	14.37	154	444557	9.29	ng	96
18) Fluorene	15.37	166	553333	9.77	ng	98
20) 4-Bromophenyl-phenylether	16.27	248	112255	9.52	ng	# 54
21) Hexachlorobenzene	16.40	284	116670	9.27	ng	# 48
22) Pentachlorophenol	16.73	266	66158	23.61	ng	# 84
23) Phenanthrene	17.11	178	689012	8.61	ng	98
24) Anthracene	17.19	178	842753	11.21	ng	97
25) Fluoranthene	19.14	202	799388	9.40	ng	99
27) Benzidine	19.33	184	335520	22.06	ng	96
28) Pyrene	19.50	202	823112	11.10	ng	100
30) Benzo(a)anthracene	21.25	228	596644	10.03	ng	# 80
31) 3,3'-Dichlorobenzidine	21.21	252	196836	13.62	ng	# 88
32) Chrysene	21.31	228	618633	10.01	ng	95
33) Bis(2-ethylhexyl)phthalate	21.19	149	384723	15.64	ng	# 91
34) Indeno(1,2,3-cd)pyrene	25.76	276	503240	11.60	ng	100
36) Benzo(b)fluoranthene	22.84	252	496792	9.57	ng	97
37) Benzo(k)fluoranthene	22.88	252	485885	9.67	ng	97
38) Benzo(a)pyrene	23.41	252	457346	10.46	ng	97
39) Dibenzo(a,h)anthracene	25.77	278	401698	10.81	ng	95
40) Benzo(g,h,i)perylene	26.44	276	418442	10.61	ng	97

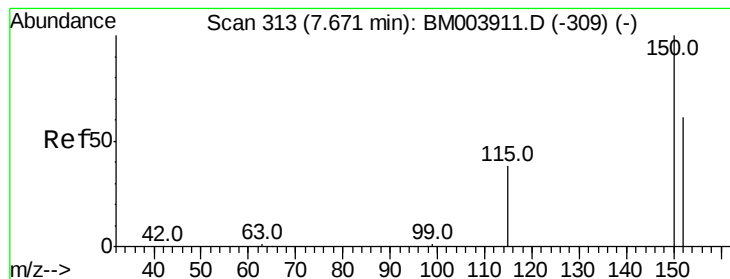
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.67 min Scan# 313

Delta R.T. 0.00 min

Lab File: BM003914.D

Acq: 31 Dec 2015 14:57

Instrument :

BNA_M

ClientSampleId :

SSTDIC010

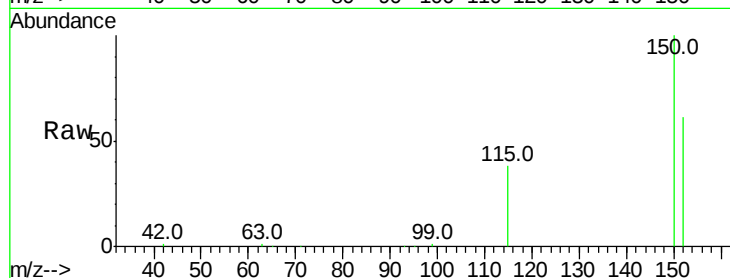
Tot Ion:152 Resp: 74766

Ion Ratio Lower Upper

152 100

150 162.8 122.9 184.3

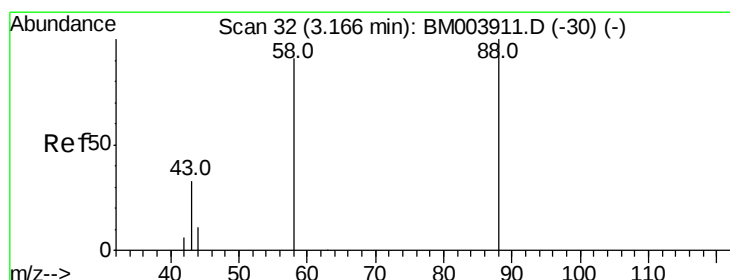
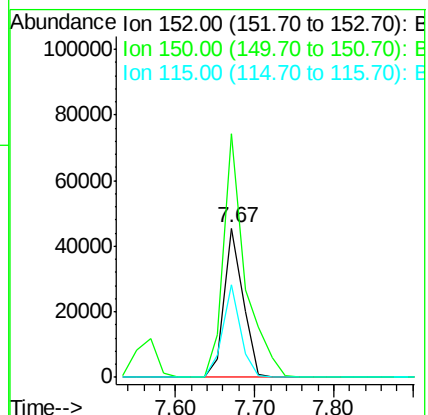
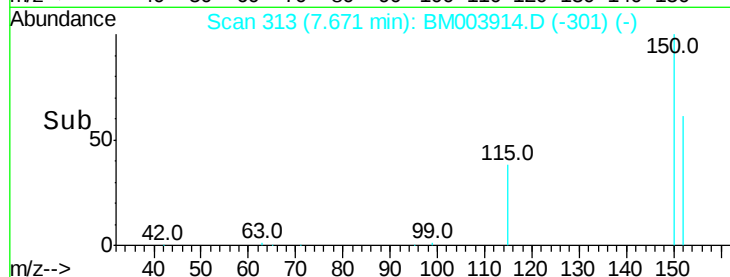
115 62.0 44.4 66.6



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: 8.48 ng

RT: 3.17 min Scan# 32

Delta R.T. 0.00 min

Lab File: BM003914.D

Acq: 31 Dec 2015 14:57

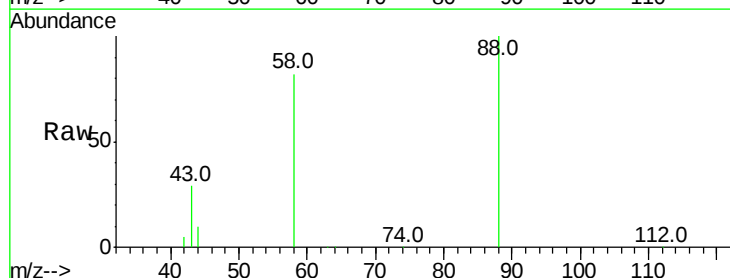
Tgt Ion: 88 Resp: 62244

Ion Ratio Lower Upper

88 100

58 72.2 53.8 80.6

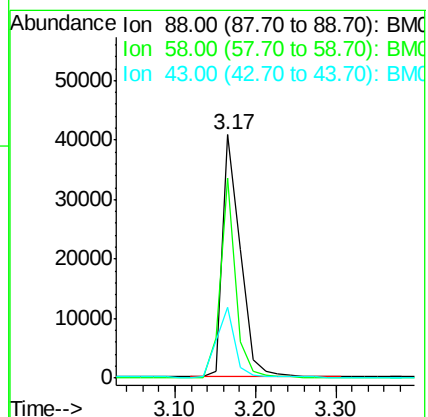
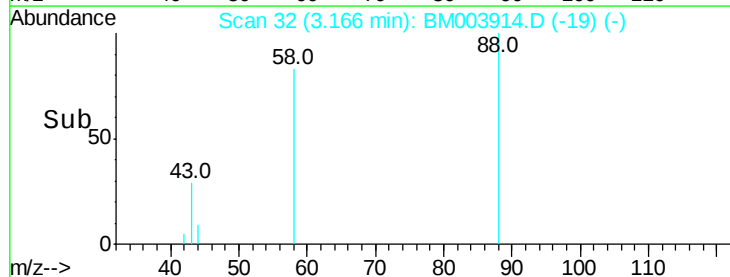
43 30.0 23.8 35.6

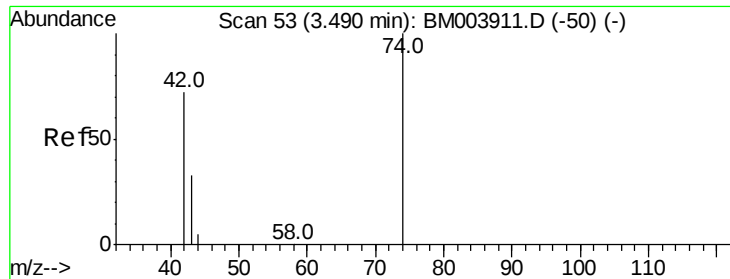


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0



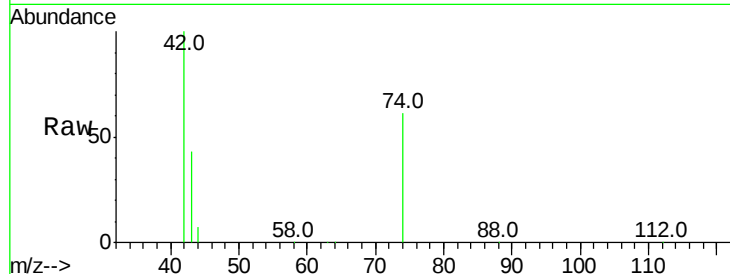


#3

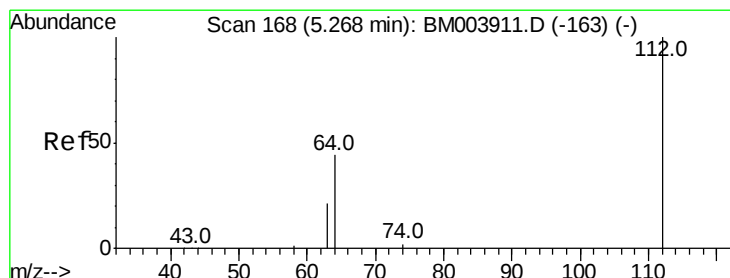
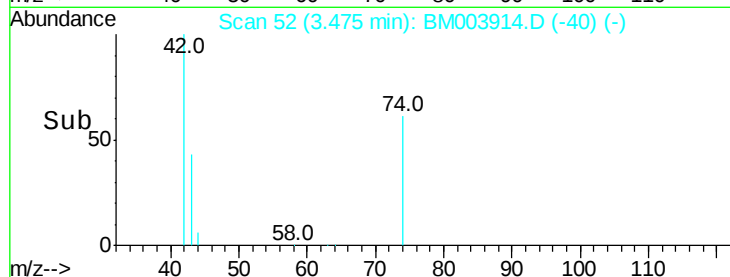
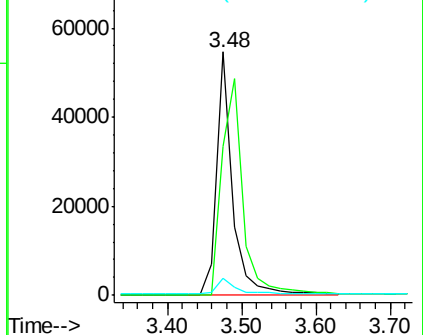
n-Nitrosodimethylamine
 Concen: 10.52 ng
 RT: 3.48 min Scan# 52
 Delta R.T. -0.02 min
 Lab File: BM003914.D
 Acq: 31 Dec 2015 14:57

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC010

Tot Ion: 42 Resp: 80822
 Ion Ratio Lower Upper
 42 100
 74 119.0 95.0 142.4
 44 6.4 5.1 7.7



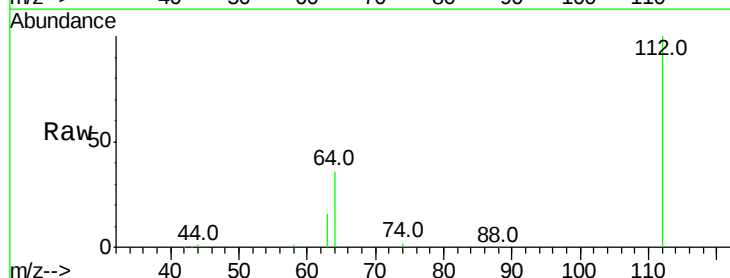
Abundance Ion 42.00 (41.70 to 42.70): BM0
 Ion 74.00 (73.70 to 74.70): BM0
 Ion 44.00 (43.70 to 44.70): BM0



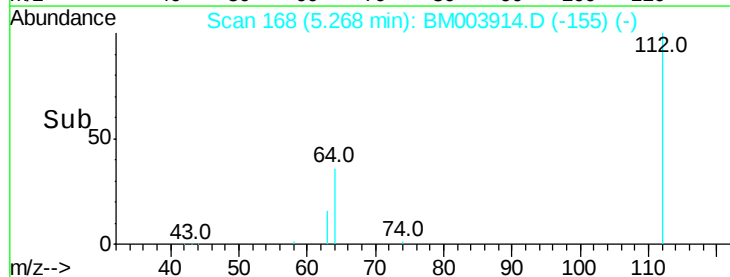
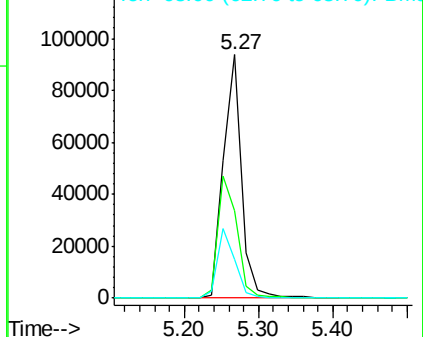
#4

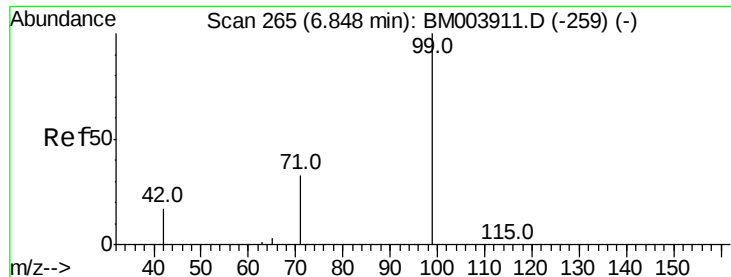
2-Fluorophenol
 Concen: 10.51 ng
 RT: 5.27 min Scan# 168
 Delta R.T. 0.00 min
 Lab File: BM003914.D
 Acq: 31 Dec 2015 14:57

Tgt Ion: 112 Resp: 159754
 Ion Ratio Lower Upper
 112 100
 64 52.9 41.8 62.8
 63 27.8 22.1 33.1



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BM0
 Ion 63.00 (62.70 to 63.70): BM0





#5

Phenol-d6

Concen: 11.49 ng

RT: 6.85 min Scan# 265

Delta R.T. 0.00 min

Lab File: BM003914.D

Acq: 31 Dec 2015 14:57

Instrument :

BNA_M

ClientSampleId :

SSTDIC010

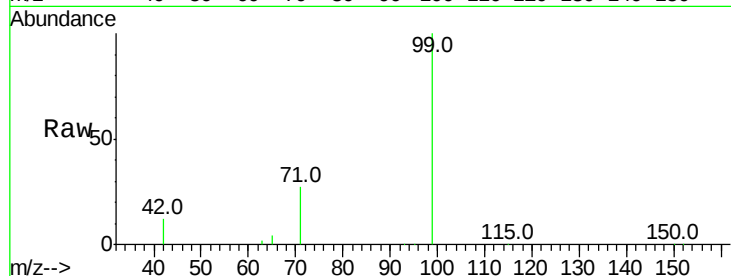
Tot Ion: 99 Resp: 211321

Ion Ratio Lower Upper

99 100

42 19.8 16.2 24.2

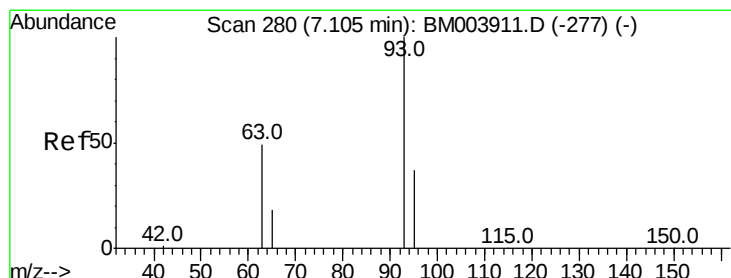
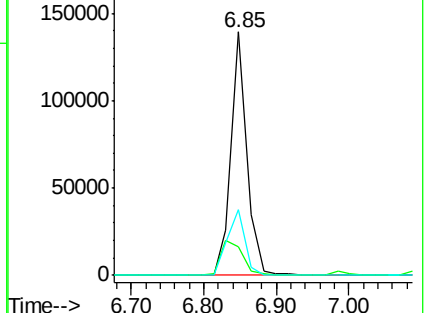
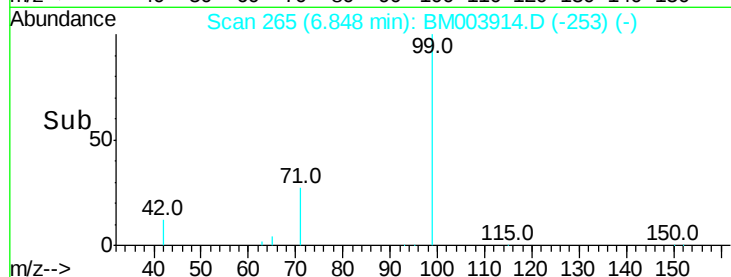
71 30.2 24.4 36.6



Abundance Ion 99.00 (98.70 to 99.70): BM003914.D (-259) (-)

Ion 42.00 (41.70 to 42.70): BM003914.D (-259) (-)

Ion 71.00 (70.70 to 71.70): BM003914.D (-259) (-)



#6

bis(2-Chloroethyl)ether

Concen: 10.25 ng

RT: 7.09 min Scan# 279

Delta R.T. -0.02 min

Lab File: BM003914.D

Acq: 31 Dec 2015 14:57

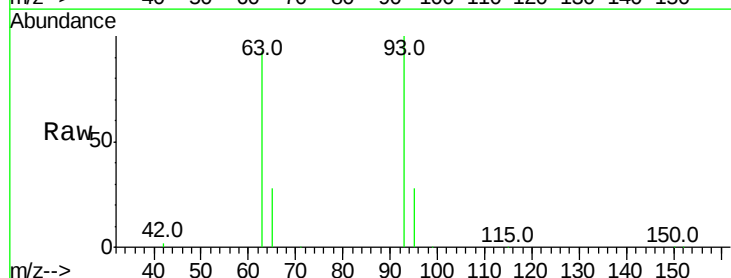
Tgt Ion: 93 Resp: 174993

Ion Ratio Lower Upper

93 100

63 73.7 58.3 87.5

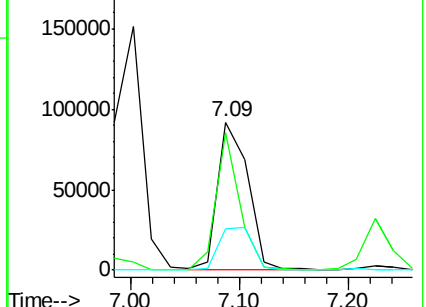
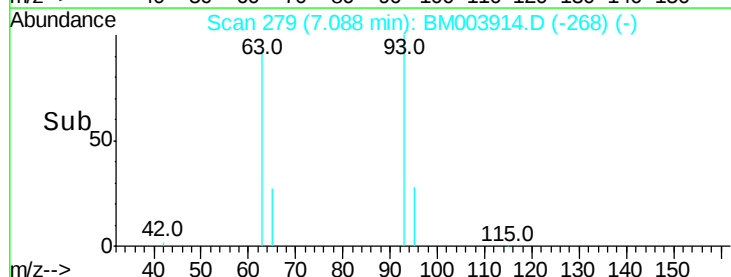
95 32.7 25.8 38.8

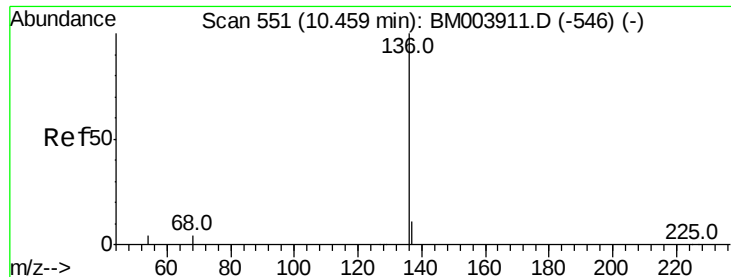


Abundance Ion 93.00 (92.70 to 93.70): BM003914.D (-277) (-)

Ion 63.00 (62.70 to 63.70): BM003914.D (-277) (-)

Ion 95.00 (94.70 to 95.70): BM003914.D (-277) (-)





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.46 min Scan# 551

Delta R.T. 0.00 min

Lab File: BM003914.D

Acq: 31 Dec 2015 14:57

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

Tot Ion:136 Resp: 319958

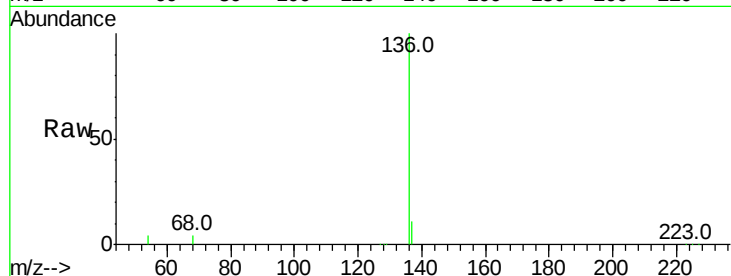
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 4.3 2.8 4.2#

68 3.6 2.5 3.7

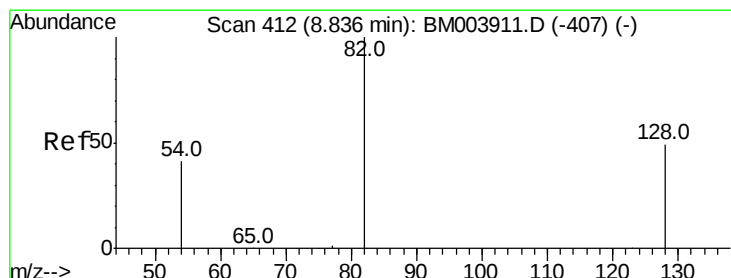
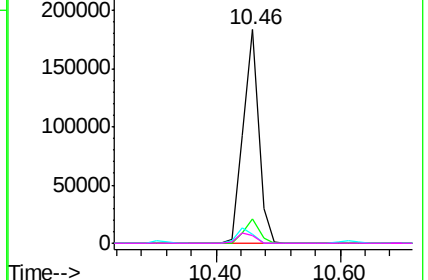
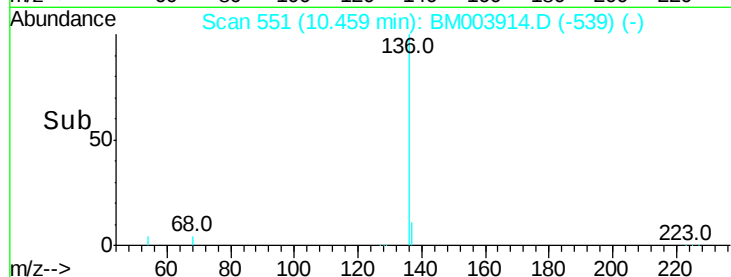


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#8

Nitrobenzene-d5

Concen: 12.04 ng

RT: 8.83 min Scan# 411

Delta R.T. -0.01 min

Lab File: BM003914.D

Acq: 31 Dec 2015 14:57

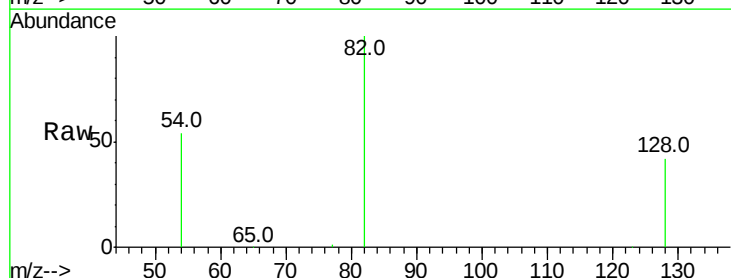
Tgt Ion: 82 Resp: 184680

Ion Ratio Lower Upper

82 100

128 41.9 39.1 58.7

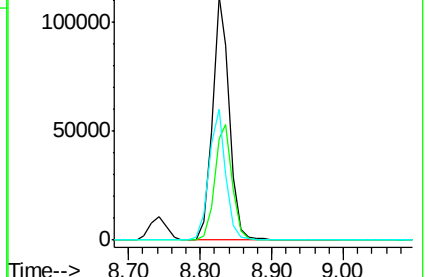
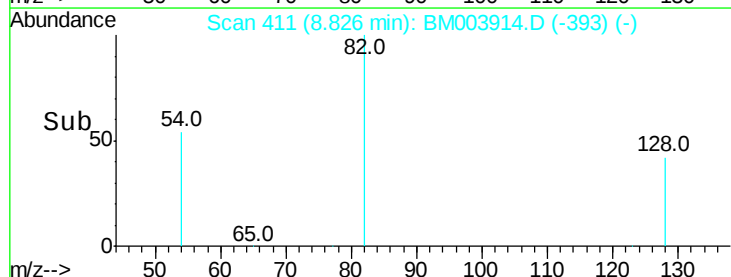
54 53.5 34.8 52.2#

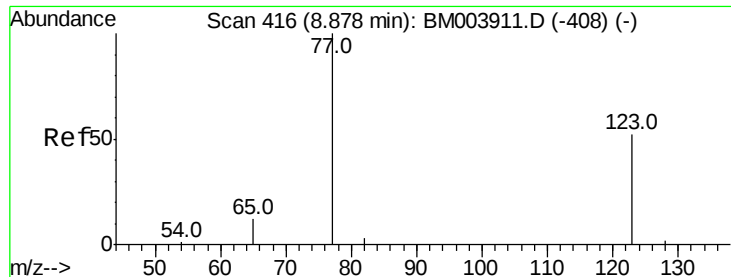


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#9

Nitrobenzene

Concen: 12.28 ng

RT: 8.87 min Scan# 415

Delta R.T. -0.01 min

Lab File: BM003914.D

Acq: 31 Dec 2015 14:57

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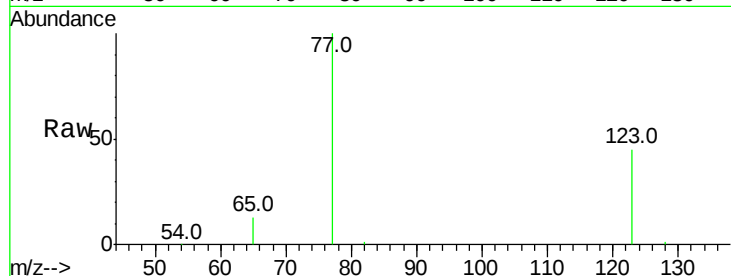
Tot Ion: 77 Resp: 202950

Ion Ratio Lower Upper

77 100

123 51.1 38.6 57.8

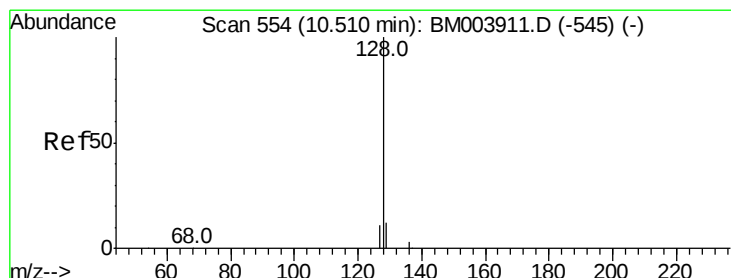
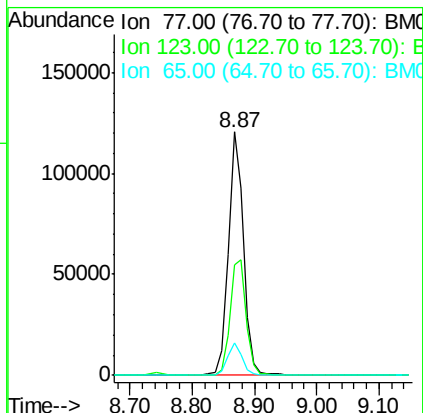
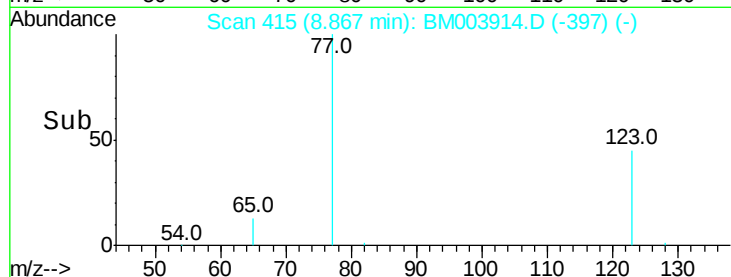
65 13.1 9.9 14.9



Abundance Ion 77.00 (76.70 to 77.70): BM003911.D (-408) (-)

Ion 123.00 (122.70 to 123.70): BM003911.D (-408) (-)

Ion 65.00 (64.70 to 65.70): BM003911.D (-408) (-)



#10

Naphthalene

Concen: 9.33 ng

RT: 10.49 min Scan# 553

Delta R.T. -0.02 min

Lab File: BM003914.D

Acq: 31 Dec 2015 14:57

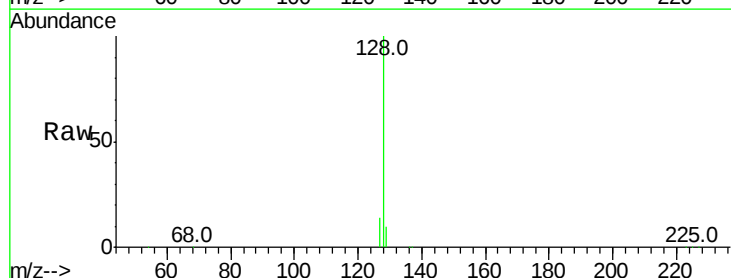
Tgt Ion: 128 Resp: 658824

Ion Ratio Lower Upper

128 100

129 10.1 8.5 12.7

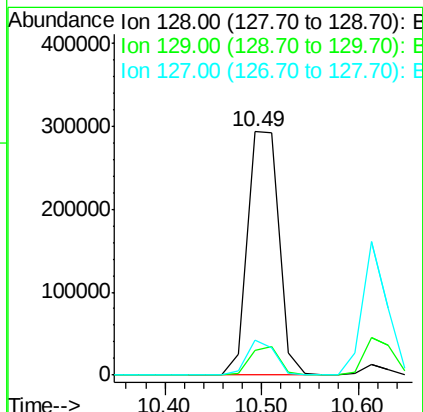
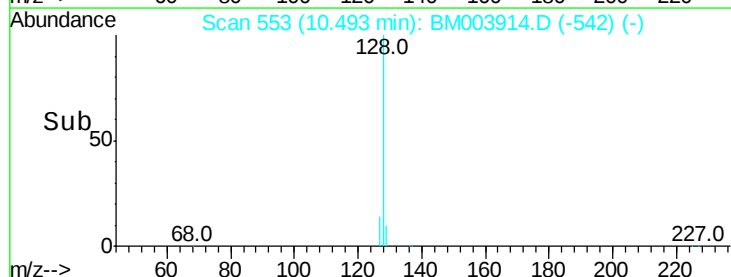
127 14.3 11.0 16.4

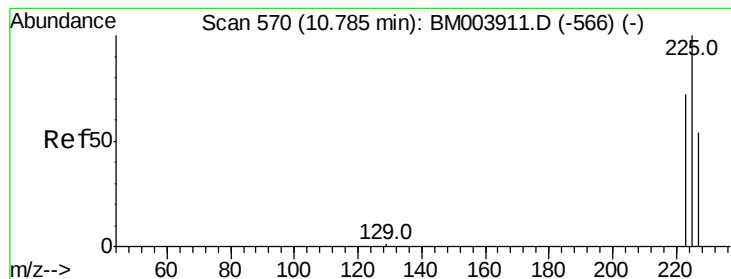


Abundance Ion 128.00 (127.70 to 128.70): BM003911.D (-545) (-)

Ion 129.00 (128.70 to 129.70): BM003911.D (-545) (-)

Ion 127.00 (126.70 to 127.70): BM003911.D (-545) (-)





#11

Hexachlorobutadiene

Concen: 9.67 ng

RT: 10.78 min Scan# 570

Delta R.T. 0.00 min

Lab File: BM003914.D

Acq: 31 Dec 2015 14:57

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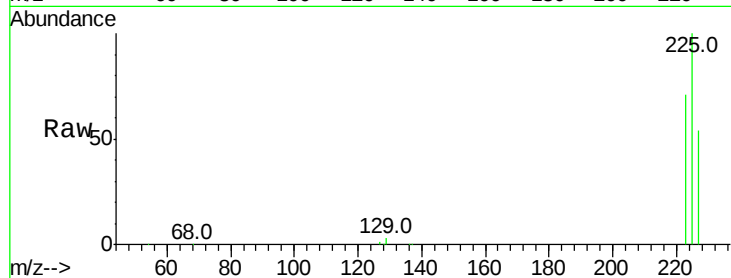
Tot Ion:225 Resp: 103779

Ion Ratio Lower Upper

225 100

223 63.5 50.9 76.3

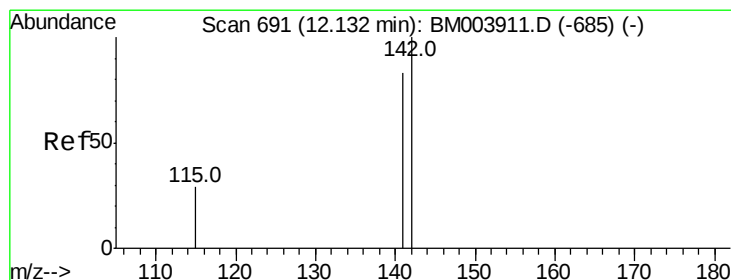
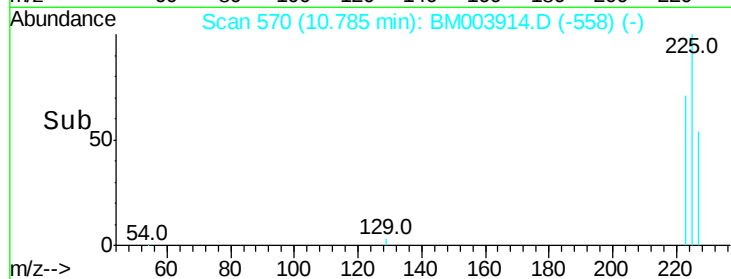
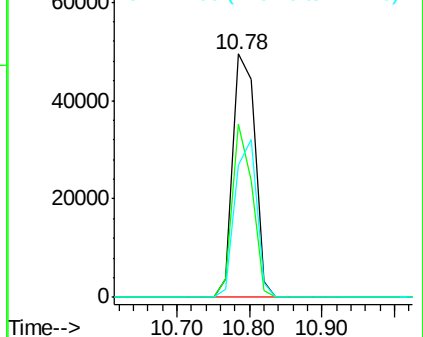
227 63.0 51.2 76.8



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#12

2-Methylnaphthalene

Concen: 9.72 ng

RT: 12.12 min Scan# 690

Delta R.T. -0.01 min

Lab File: BM003914.D

Acq: 31 Dec 2015 14:57

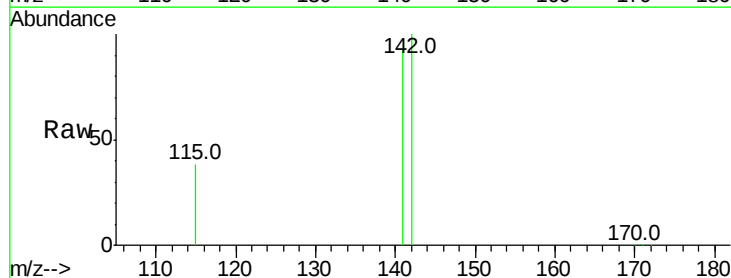
Tgt Ion:142 Resp: 461729

Ion Ratio Lower Upper

142 100

141 92.8 67.8 101.8

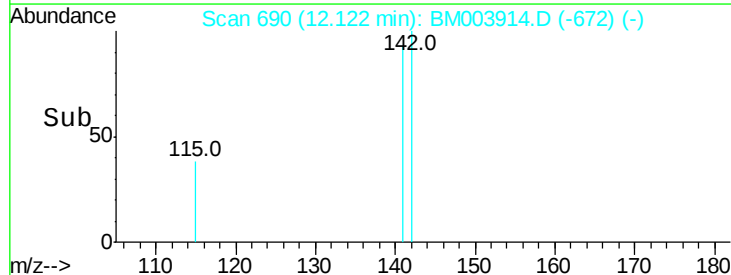
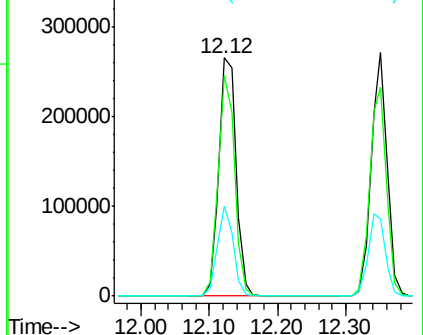
115 38.0 25.3 37.9#

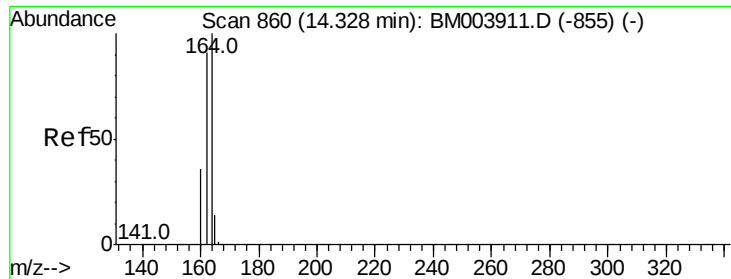


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.33 min Scan# 860

Delta R.T. 0.00 min

Lab File: BM003914.D

Acq: 31 Dec 2015 14:57

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

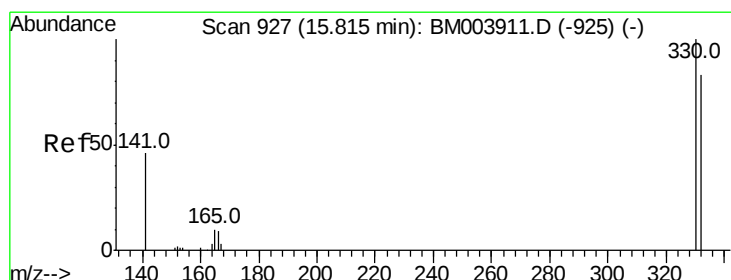
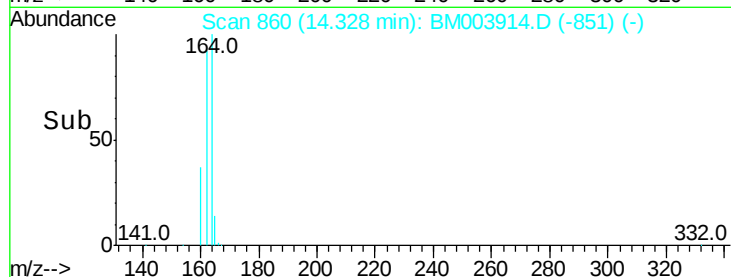
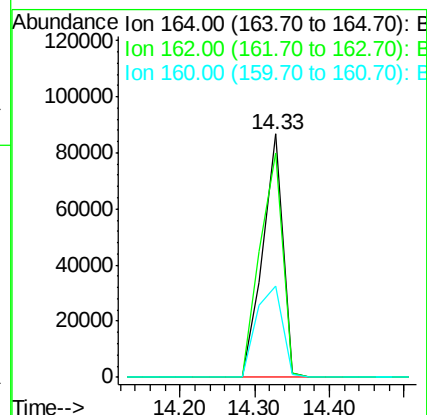
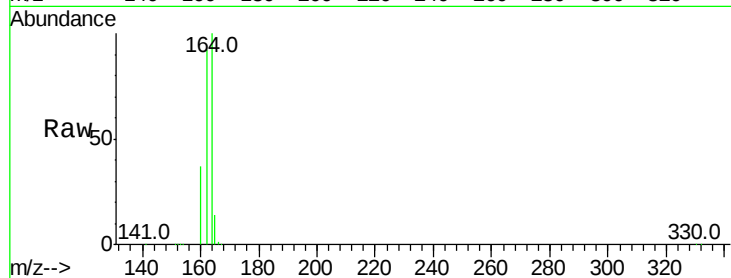
Tot Ion:164 Resp: 162731

Ion Ratio Lower Upper

164 100

162 92.4 86.0 129.0

160 37.2 40.3 60.5#



#14

2,4,6-Tribromophenol

Concen: 14.01 ng

RT: 15.81 min Scan# 927

Delta R.T. 0.00 min

Lab File: BM003914.D

Acq: 31 Dec 2015 14:57

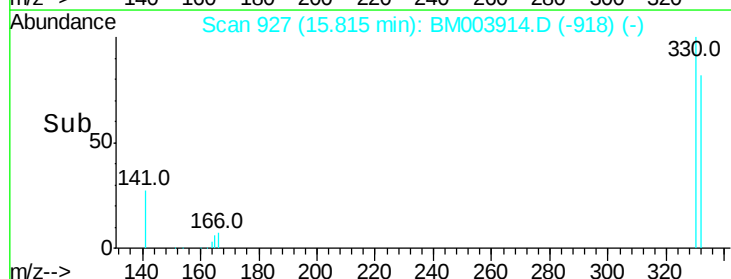
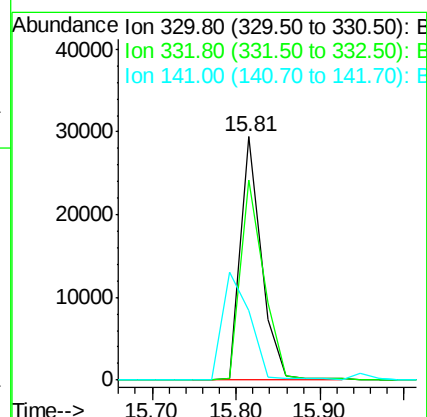
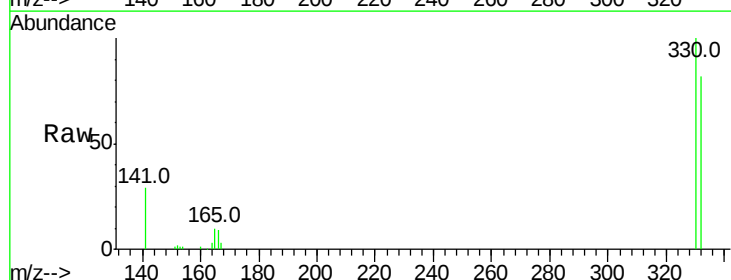
Tgt Ion:330 Resp: 50277

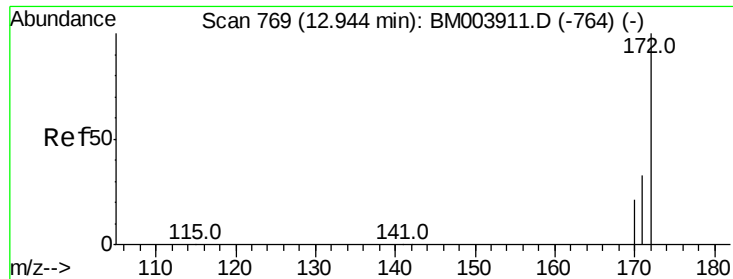
Ion Ratio Lower Upper

330 100

332 90.9 79.0 118.4

141 0.0 0.0 0.0

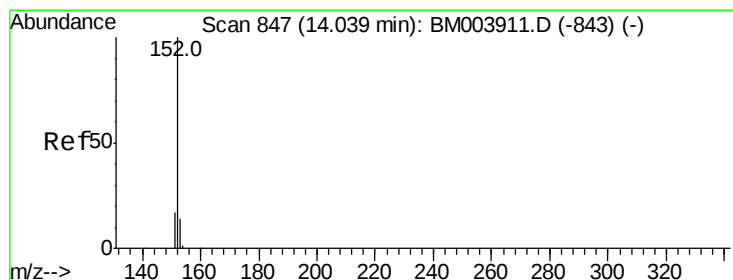
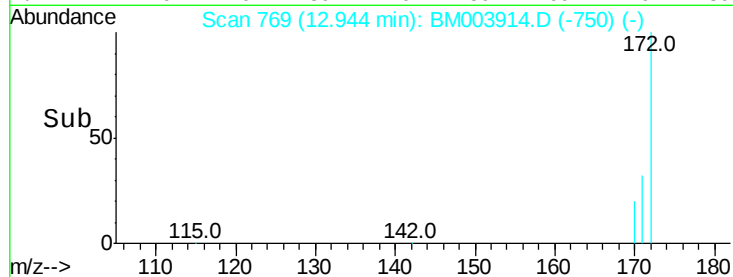
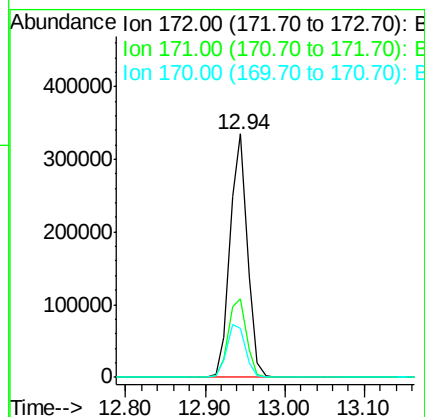
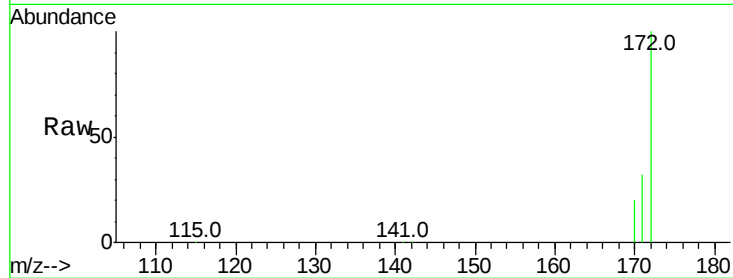




#15
2-Fluorobiphenyl
Concen: 9.53 ng
RT: 12.94 min Scan# 769
Delta R.T. 0.00 min
Lab File: BM003914.D
Acq: 31 Dec 2015 14:57

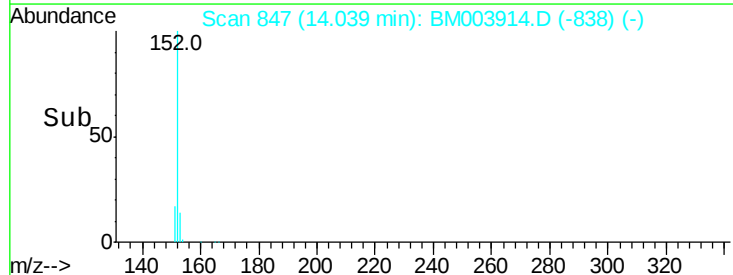
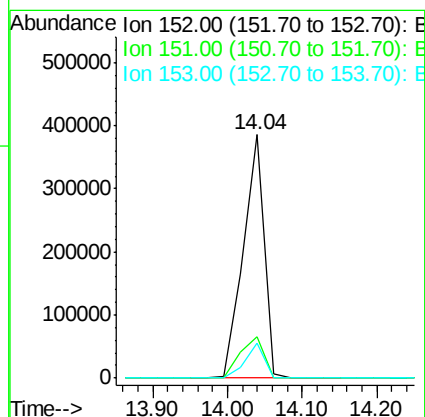
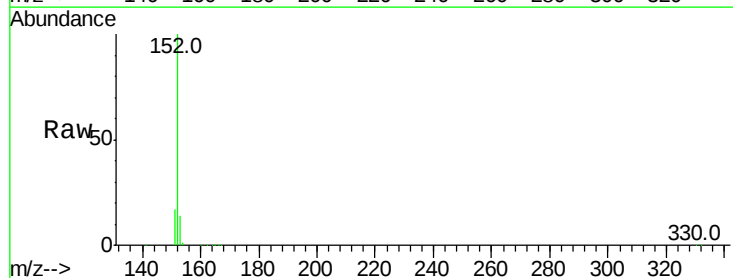
Instrument :
BNA_M
ClientSampleId :
SSTDIC010

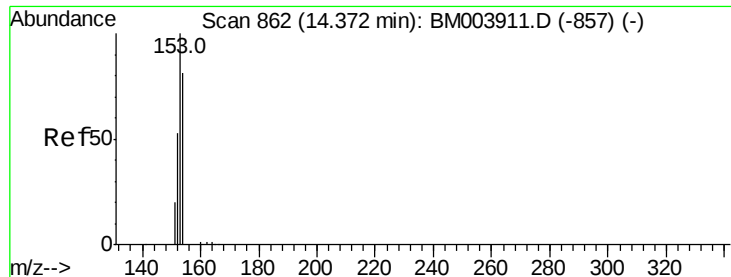
Tot Ion:172 Resp: 502952
Ion Ratio Lower Upper
172 100
171 32.4 27.0 40.6
170 20.2 17.9 26.9



#16
Acenaphthylene
Concen: 11.21 ng
RT: 14.04 min Scan# 847
Delta R.T. 0.00 min
Lab File: BM003914.D
Acq: 31 Dec 2015 14:57

Tgt Ion:152 Resp: 749676
Ion Ratio Lower Upper
152 100
151 19.2 15.8 23.8
153 13.2 10.2 15.4





#17

Acenaphthene

Concen: 9.29 ng

RT: 14.37 min Scan# 862

Delta R.T. 0.00 min

Lab File: BM003914.D

Acq: 31 Dec 2015 14:57

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

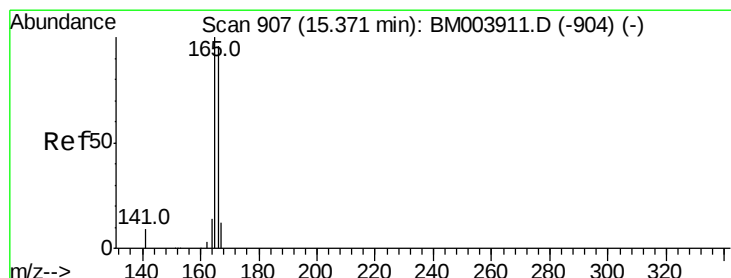
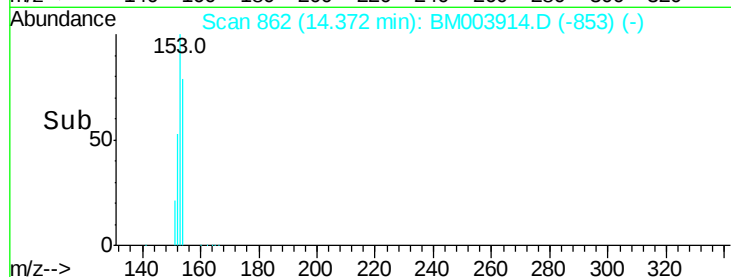
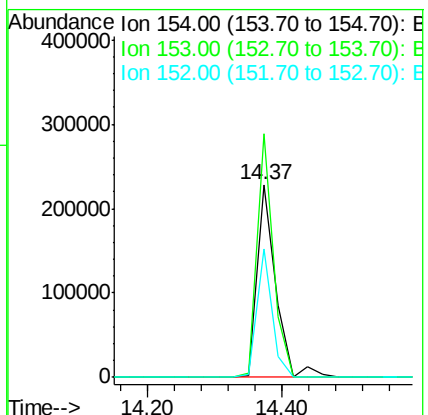
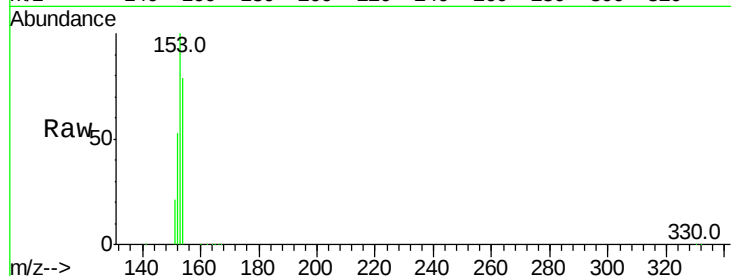
Tot Ion:154 Resp: 444557

Ion Ratio Lower Upper

154 100

153 109.6 85.4 128.2

152 54.5 40.6 60.8



#18

Fluorene

Concen: 9.77 ng

RT: 15.37 min Scan# 907

Delta R.T. 0.00 min

Lab File: BM003914.D

Acq: 31 Dec 2015 14:57

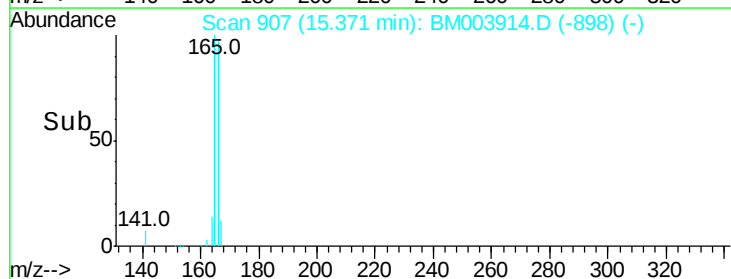
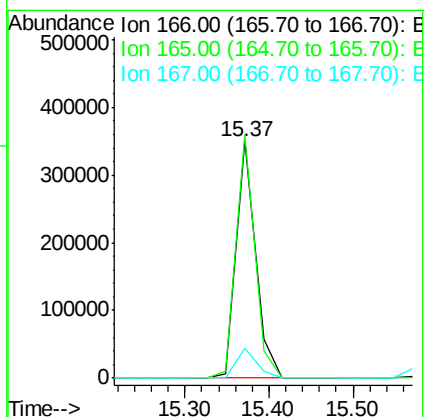
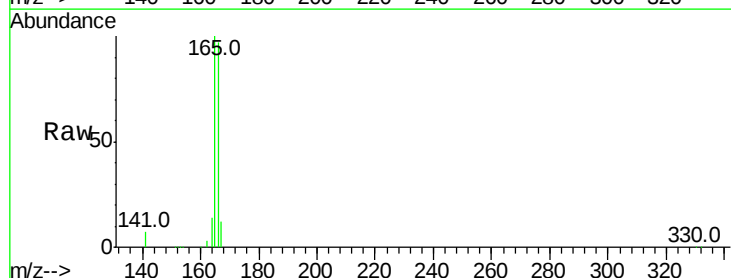
Tgt Ion:166 Resp: 553333

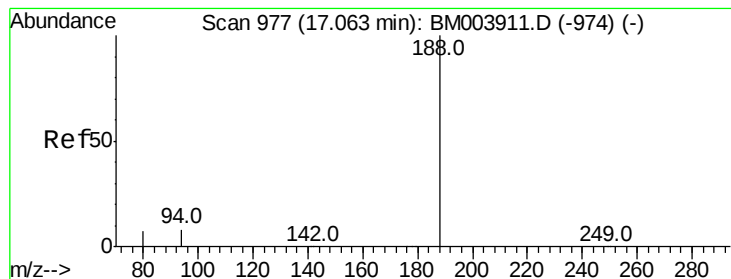
Ion Ratio Lower Upper

166 100

165 98.9 77.2 115.8

167 13.2 11.0 16.6





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.06 min Scan# 977

Delta R.T. 0.00 min

Lab File: BM003914.D

Acq: 31 Dec 2015 14:57

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

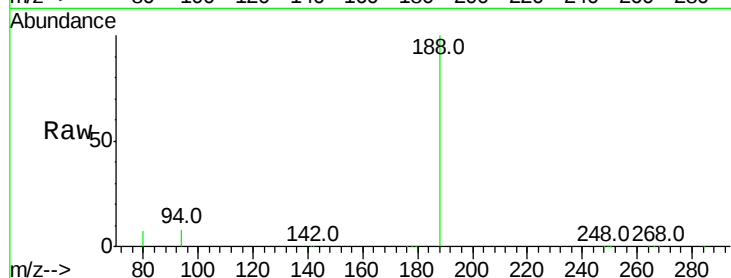
Tot Ion:188 Resp: 379139

Ion Ratio Lower Upper

188 100

94 7.9 20.3 30.5#

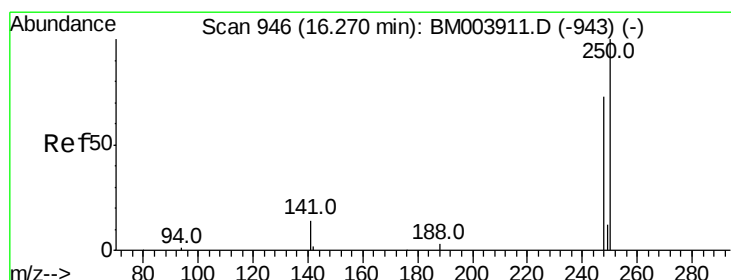
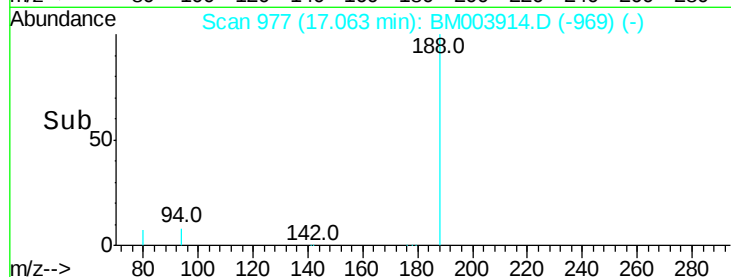
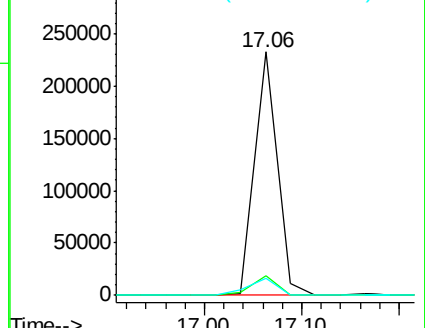
80 7.2 22.2 33.4#



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: 9.52 ng

RT: 16.27 min Scan# 946

Delta R.T. 0.00 min

Lab File: BM003914.D

Acq: 31 Dec 2015 14:57

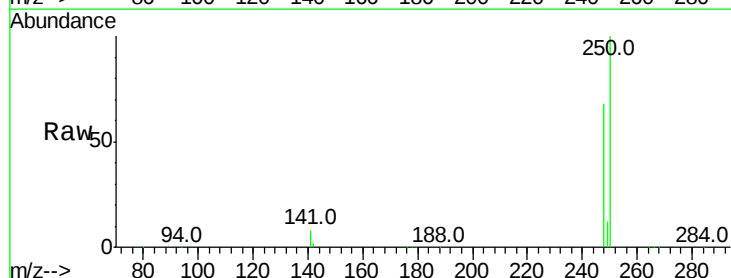
Tgt Ion:248 Resp: 112255

Ion Ratio Lower Upper

248 100

250 113.1 75.0 112.4#

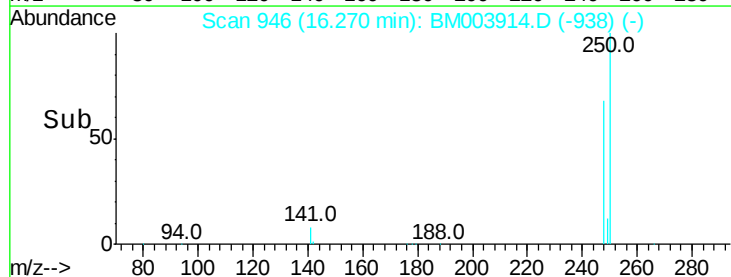
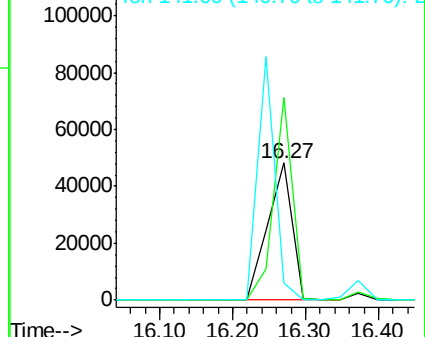
141 0.0 53.0 79.4#

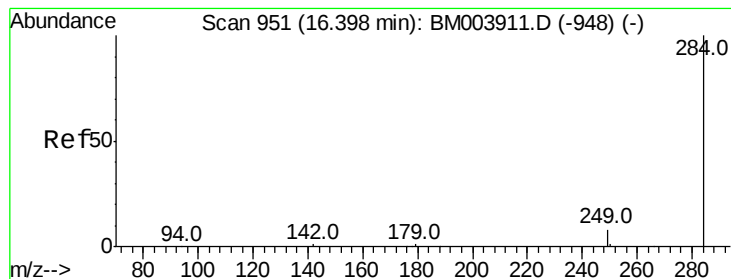


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 9.27 ng

RT: 16.40 min Scan# 951

Delta R.T. 0.00 min

Lab File: BM003914.D

Acq: 31 Dec 2015 14:57

Instrument :

BNA_M

ClientSampleId :

SSTDIC010

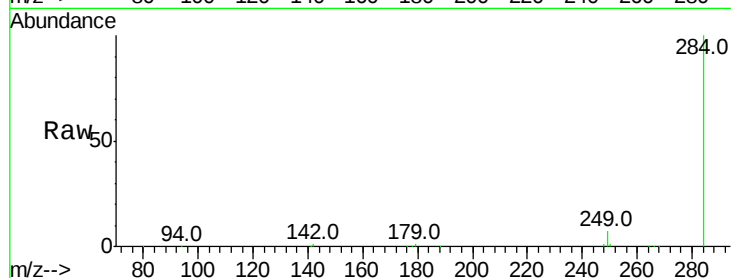
Tot Ion:284 Resp: 116670

Ion Ratio Lower Upper

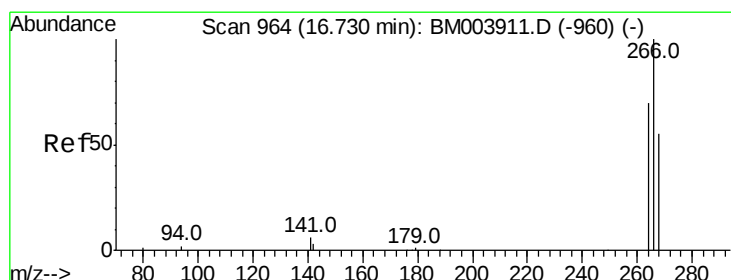
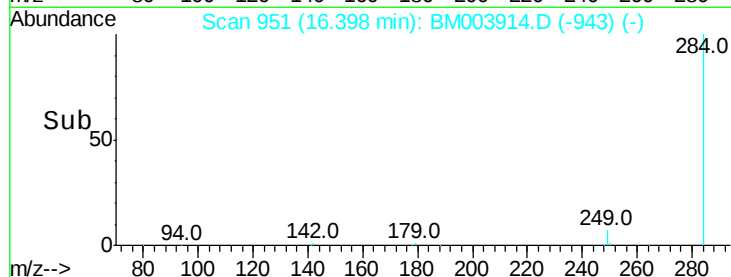
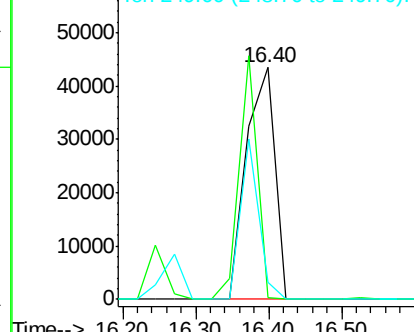
284 100

142 0.0 0.0 0.0

249 0.0 21.5 32.3#



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: 23.61 ng

RT: 16.73 min Scan# 964

Delta R.T. 0.00 min

Lab File: BM003914.D

Acq: 31 Dec 2015 14:57

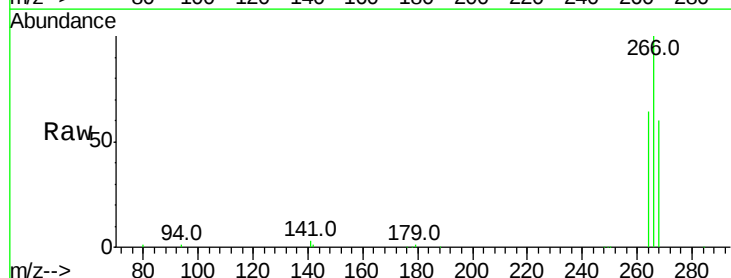
Tgt Ion:266 Resp: 66158

Ion Ratio Lower Upper

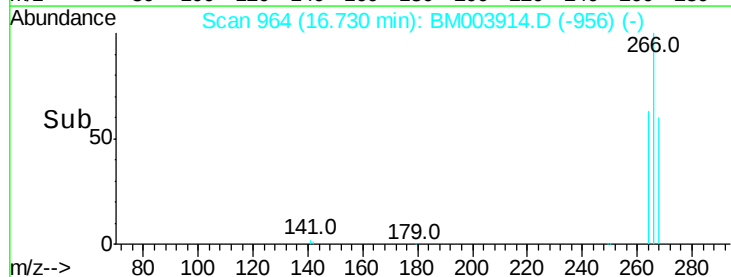
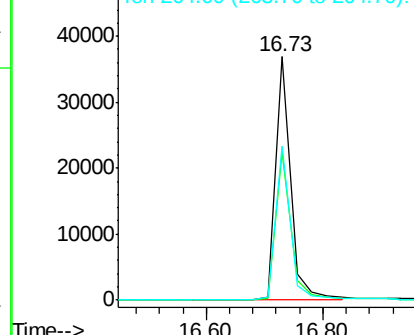
266 100

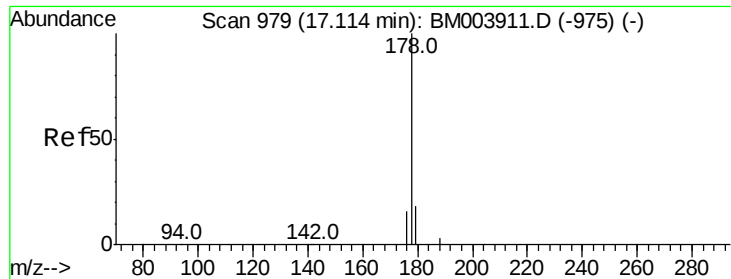
268 60.4 62.7 94.1#

264 63.5 45.7 68.5



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: 8.61 ng

RT: 17.11 min Scan# 979

Delta R.T. 0.00 min

Lab File: BM003914.D

Acq: 31 Dec 2015 14:57

Instrument :

BNA_M

ClientSampleId :

SSTDIC010

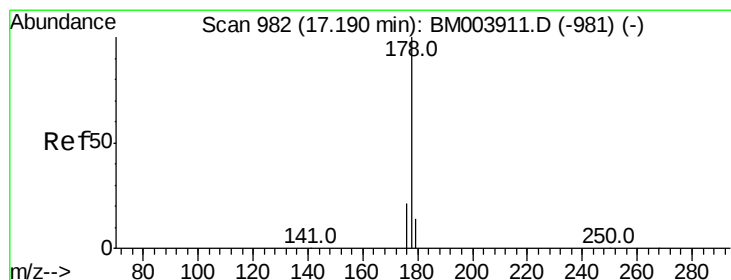
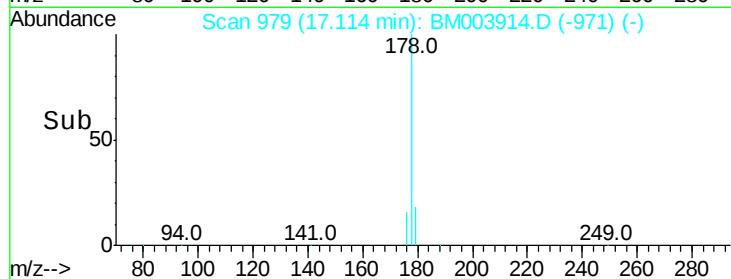
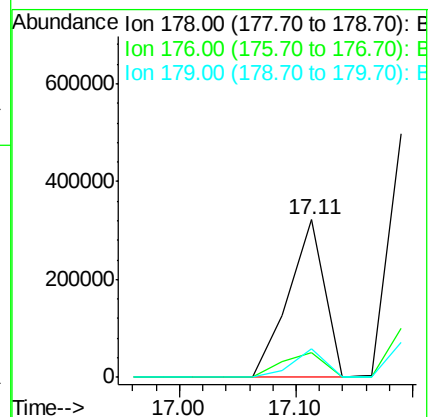
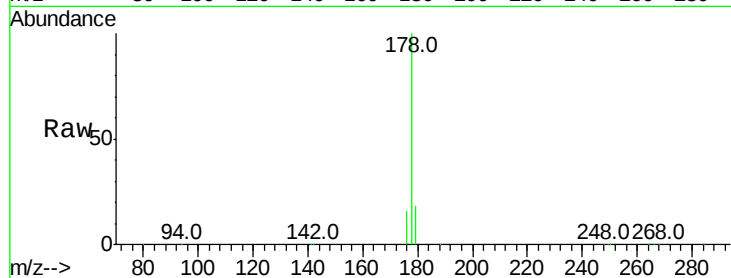
Tot Ion:178 Resp: 689012

Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.0

179 16.2 12.2 18.4



#24

Anthracene

Concen: 11.21 ng

RT: 17.19 min Scan# 982

Delta R.T. 0.00 min

Lab File: BM003914.D

Acq: 31 Dec 2015 14:57

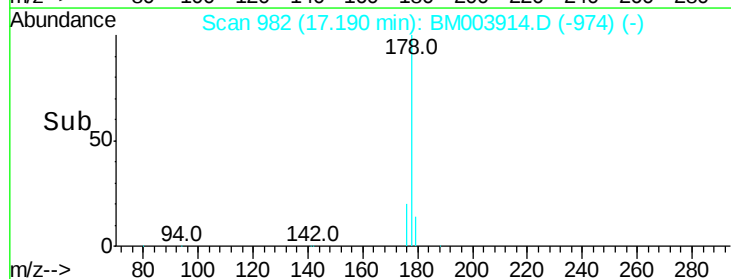
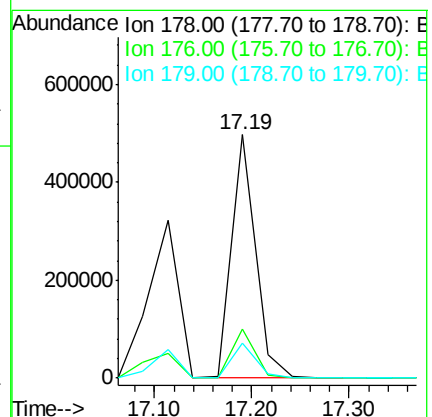
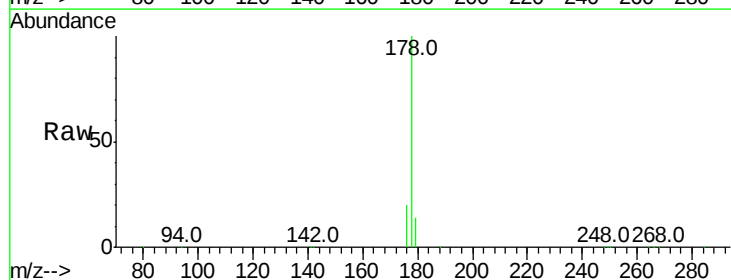
Tgt Ion:178 Resp: 842753

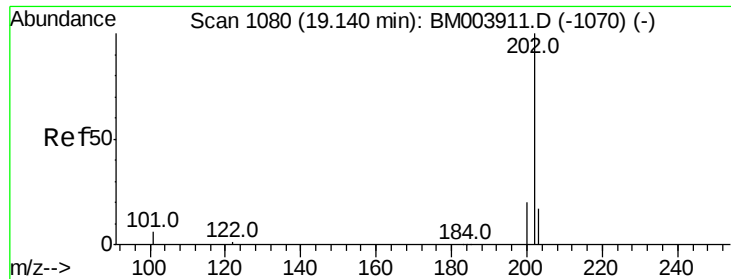
Ion Ratio Lower Upper

178 100

176 19.7 14.6 21.8

179 14.7 12.6 19.0





#25

Fluoranthene

Concen: 9.40 ng

RT: 19.14 min Scan# 1080

Delta R.T. 0.00 min

Lab File: BM003914.D

Acq: 31 Dec 2015 14:57

Instrument :

BNA_M

ClientSampleId :

SSTDIC010

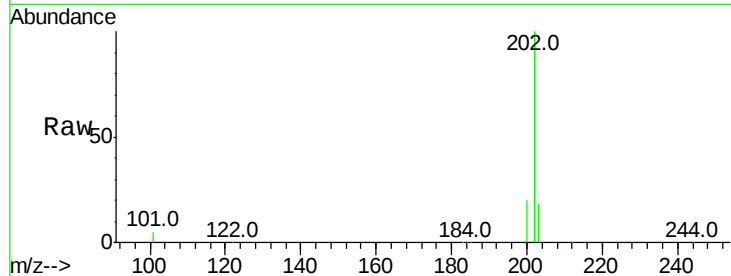
Tot Ion:202 Resp: 799388

Ion Ratio Lower Upper

202 100

101 12.0 9.7 14.5

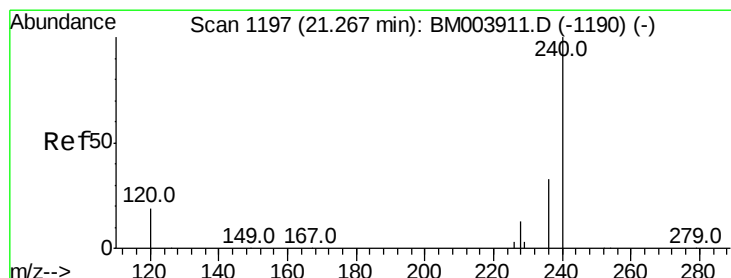
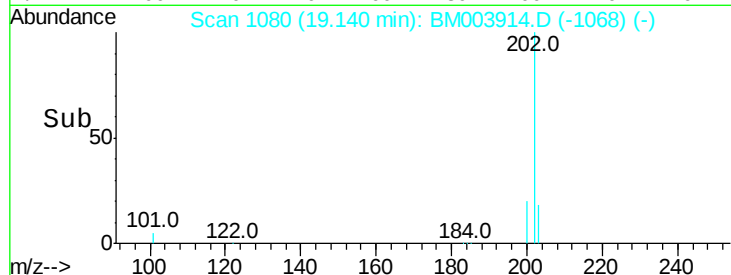
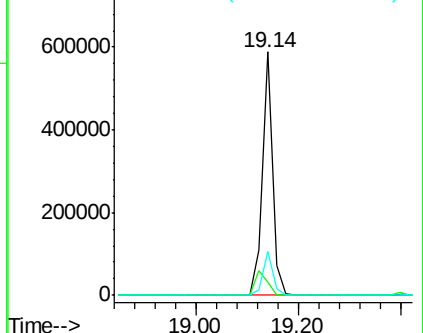
203 17.7 13.8 20.8



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: 21.27 min Scan# 1197

Delta R.T. 0.00 min

Lab File: BM003914.D

Acq: 31 Dec 2015 14:57

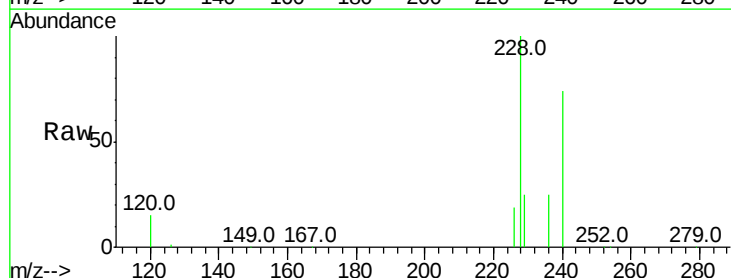
Tgt Ion:240 Resp: 209393

Ion Ratio Lower Upper

240 100

120 20.9 0.9 1.3#

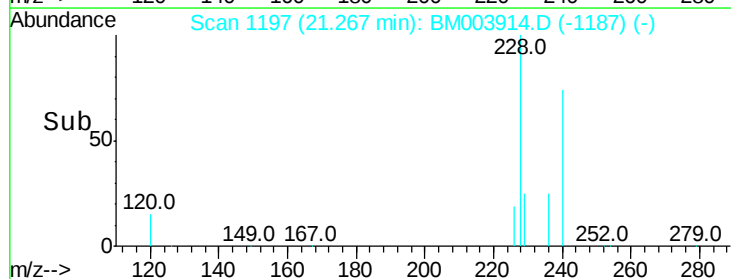
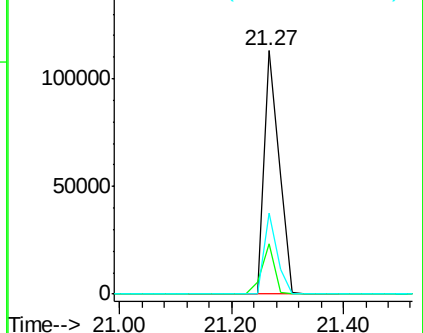
236 33.3 17.3 25.9#

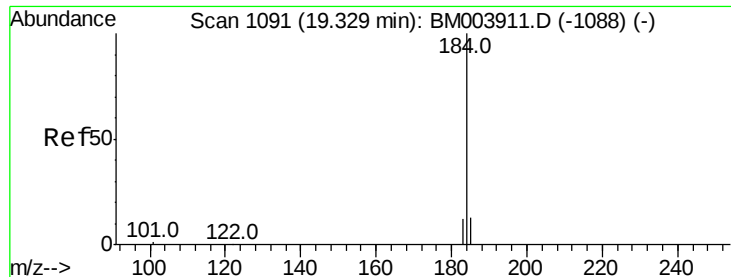


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 22.06 ng

RT: 19.33 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BM003914.D

Acq: 31 Dec 2015 14:57

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

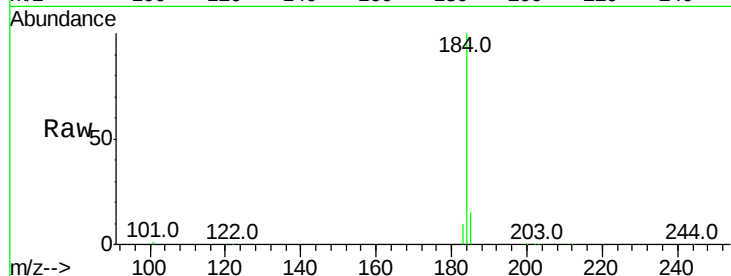
Tot Ion:184 Resp: 335520

Ion Ratio Lower Upper

184 100

185 14.7 13.2 19.8

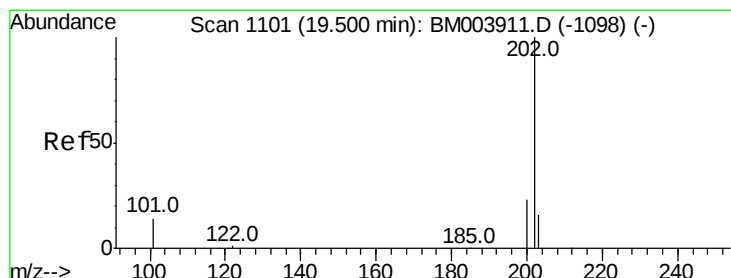
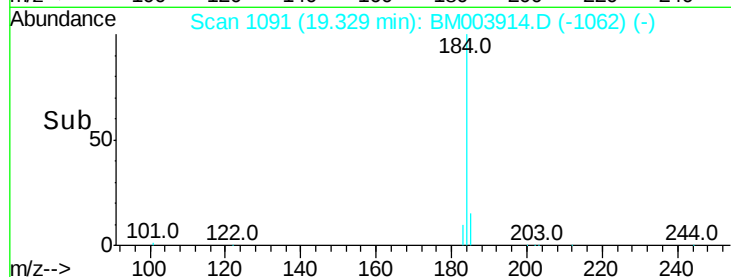
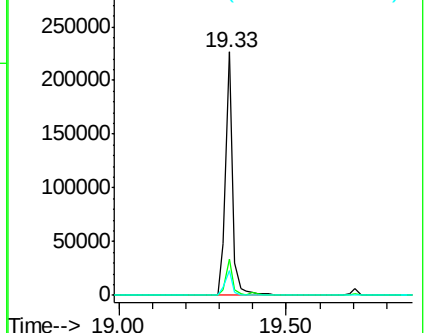
183 10.2 9.0 13.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#28

Pyrene

Concen: 11.10 ng

RT: 19.50 min Scan# 1101

Delta R.T. 0.00 min

Lab File: BM003914.D

Acq: 31 Dec 2015 14:57

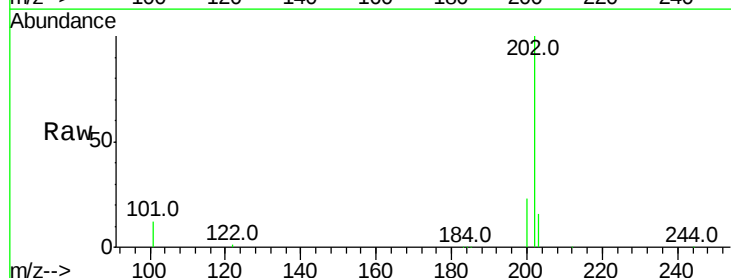
Tgt Ion:202 Resp: 823112

Ion Ratio Lower Upper

202 100

200 21.1 16.6 24.8

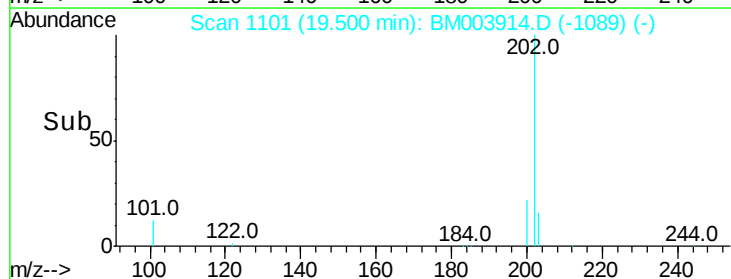
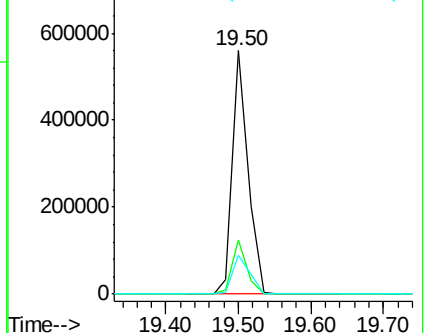
203 17.6 14.0 21.0

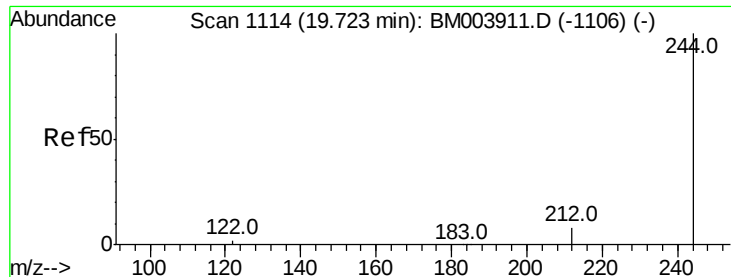


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 10.77 ng

RT: 19.71 min Scan# 1113

Delta R.T. -0.02 min

Lab File: BM003914.D

Acq: 31 Dec 2015 14:57

Instrument :

BNA_M

ClientSampleId :

SSTDIC010

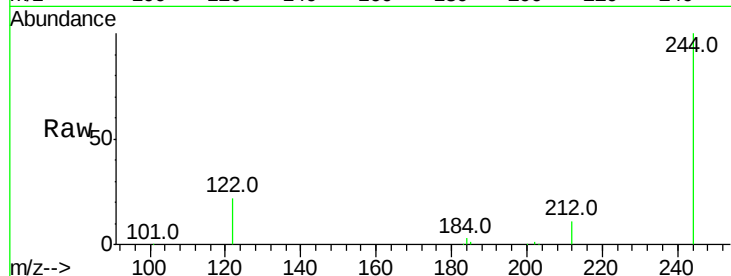
Tot Ion:244 Resp: 361475

Ion Ratio Lower Upper

244 100

212 11.3 7.0 10.6#

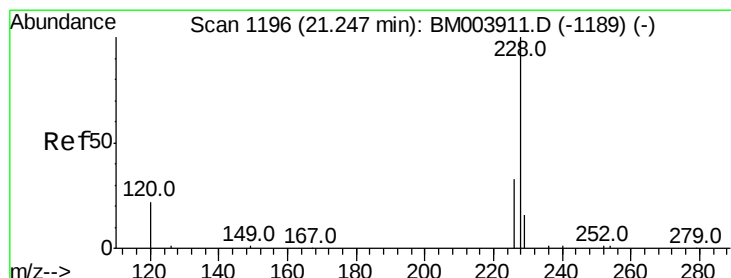
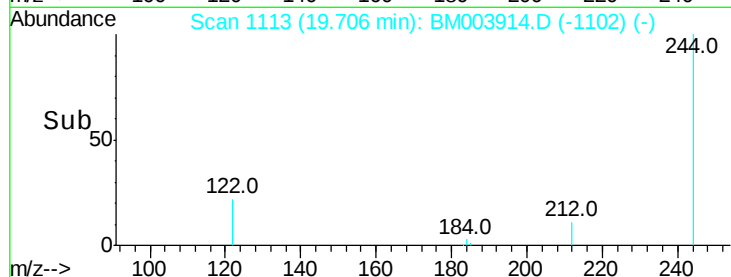
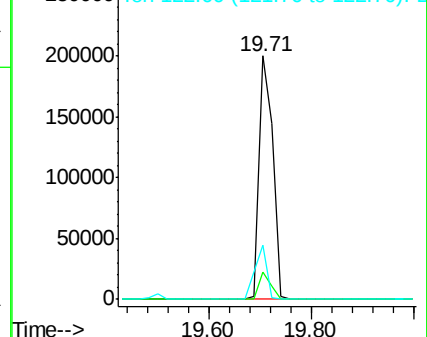
122 22.2 3.0 4.6#



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: 10.03 ng

RT: 21.25 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BM003914.D

Acq: 31 Dec 2015 14:57

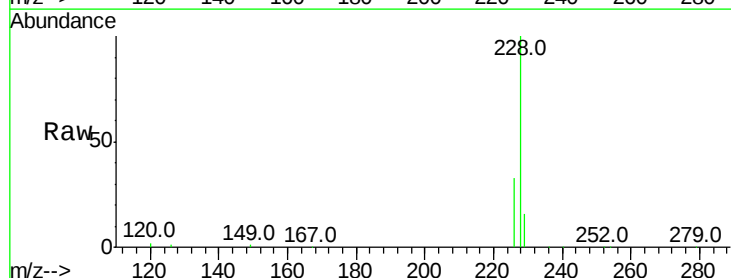
Tgt Ion:228 Resp: 596644

Ion Ratio Lower Upper

228 100

226 33.3 17.2 25.8#

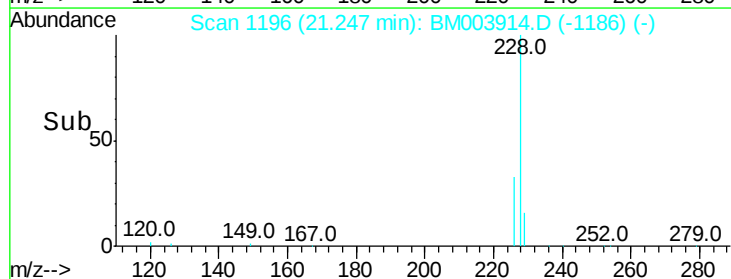
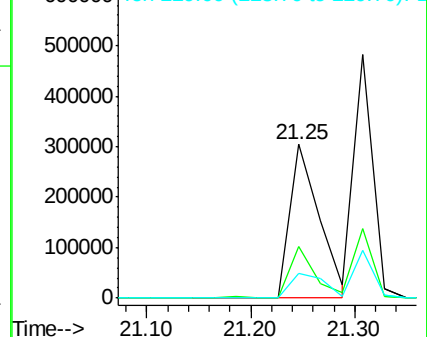
229 15.9 18.7 28.1#

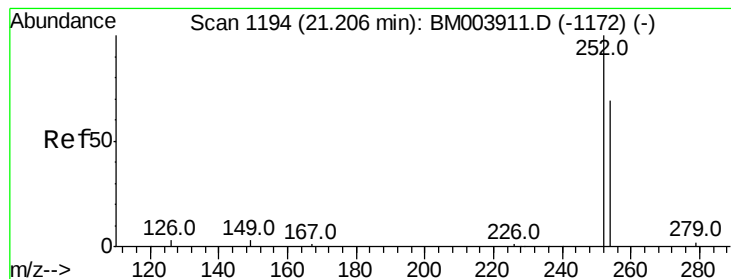


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

3,3'-Dichlorobenzidine

Concen: 13.62 ng

RT: 21.21 min Scan# 1194

Delta R.T. 0.00 min

Lab File: BM003914.D

Acq: 31 Dec 2015 14:57

Instrument :

BNA_M

ClientSampleId :

SSTDIC010

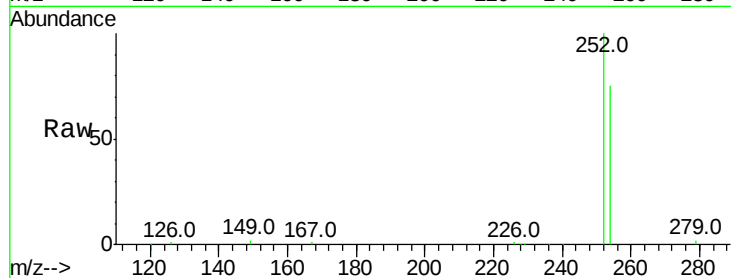
Tot Ion:252 Resp: 196836

Ion Ratio Lower Upper

252 100

254 75.1 52.6 79.0

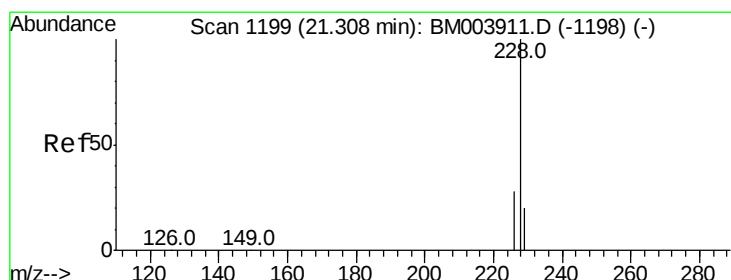
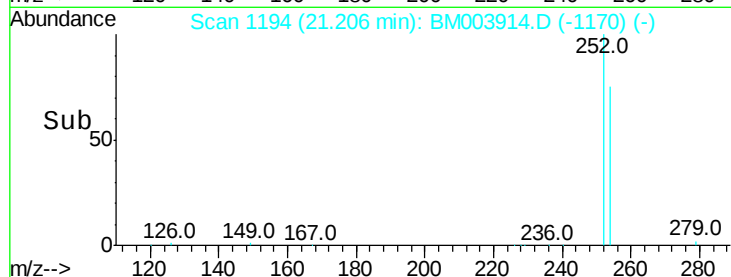
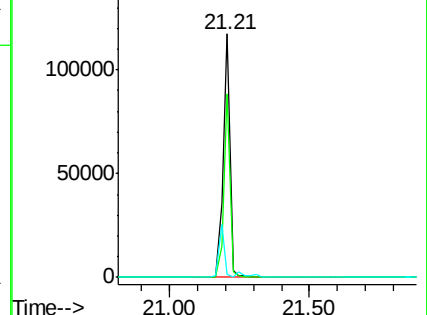
126 1.3 3.7 5.5#



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: 10.01 ng

RT: 21.31 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BM003914.D

Acq: 31 Dec 2015 14:57

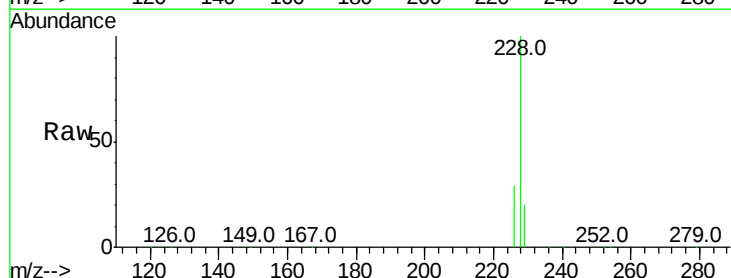
Tgt Ion:228 Resp: 618633

Ion Ratio Lower Upper

228 100

226 28.8 25.3 37.9

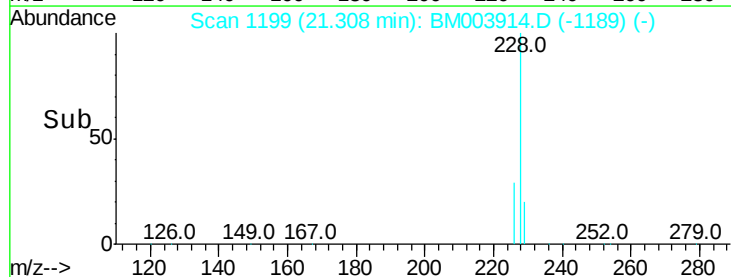
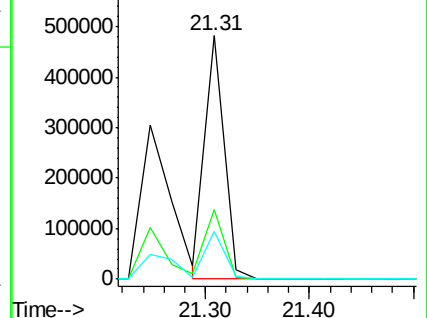
229 19.8 14.5 21.7

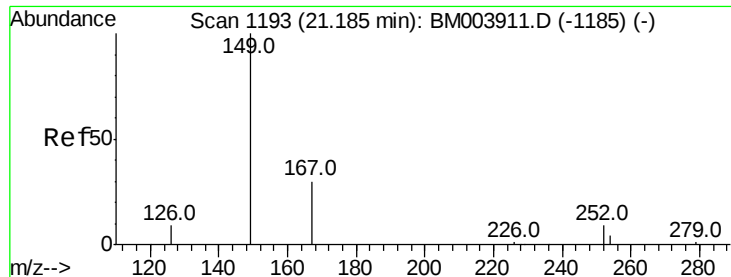


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Bis(2-ethylhexyl)phthalate

Concen: 15.64 ng

RT: 21.19 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BM003914.D

Acq: 31 Dec 2015 14:57

Instrument :

BNA_M

ClientSampleId :

SSTDIC010

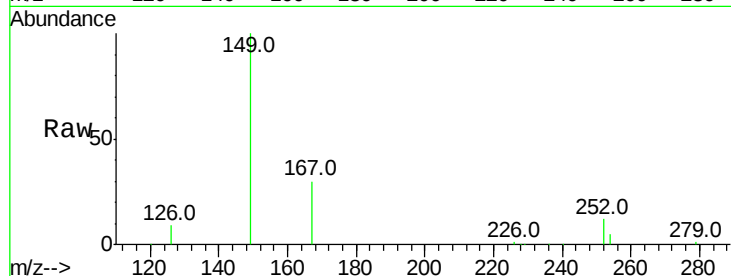
Tot Ion:149 Resp: 384723

Ion Ratio Lower Upper

149 100

167 29.4 20.1 30.1

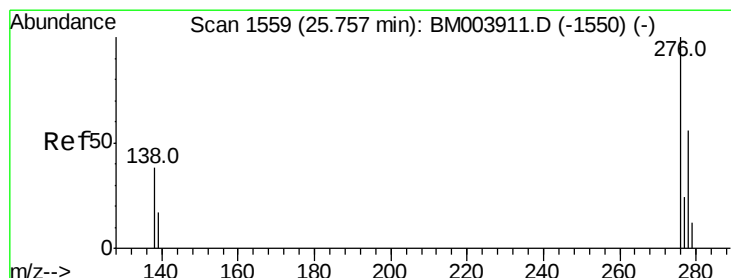
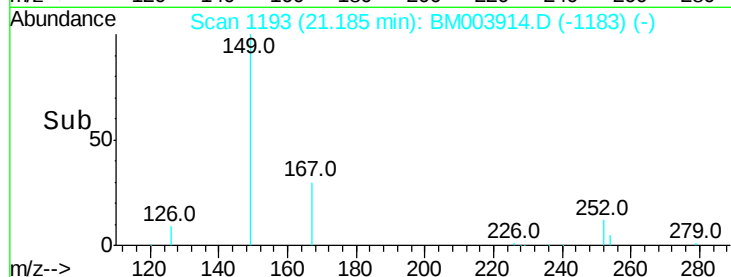
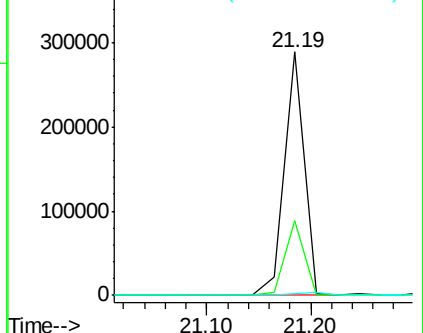
279 0.0 0.0 0.0



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: 11.60 ng

RT: 25.76 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BM003914.D

Acq: 31 Dec 2015 14:57

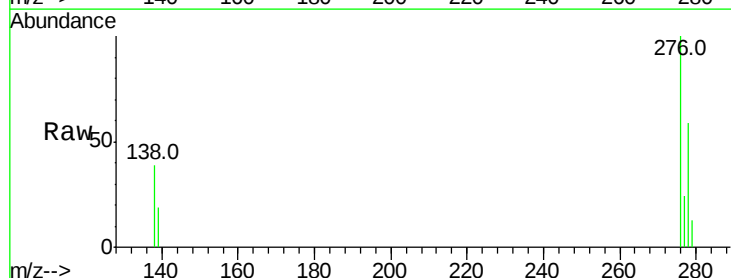
Tgt Ion:276 Resp: 503240

Ion Ratio Lower Upper

276 100

138 38.1 30.2 45.2

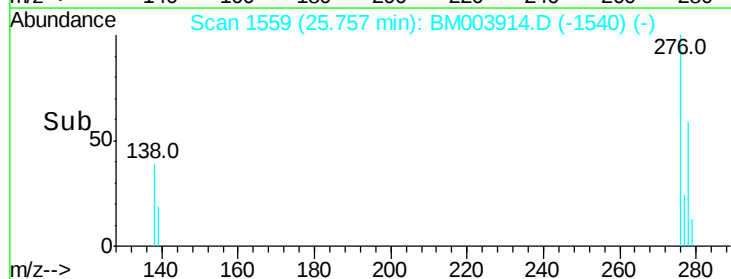
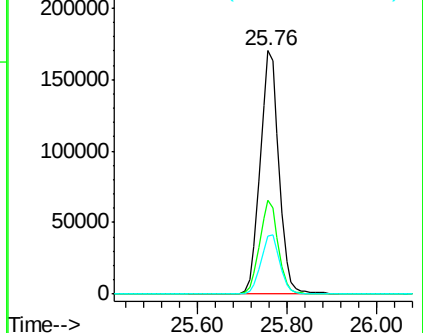
277 24.7 19.8 29.8

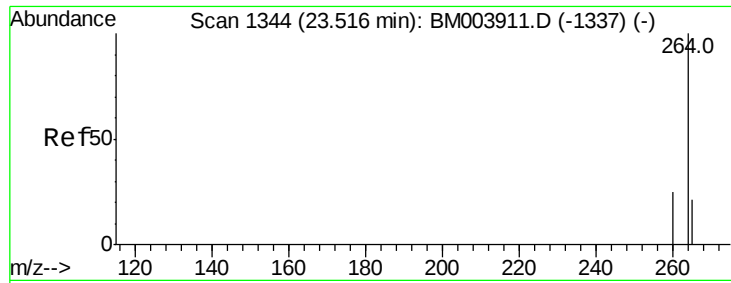


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

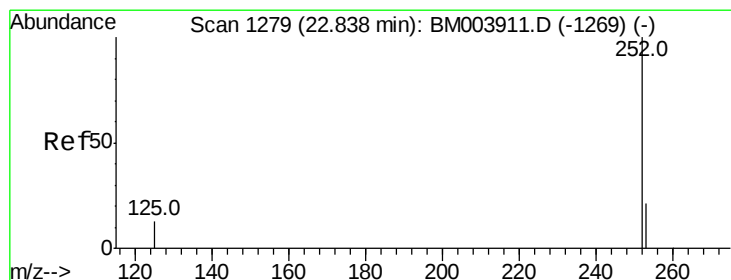
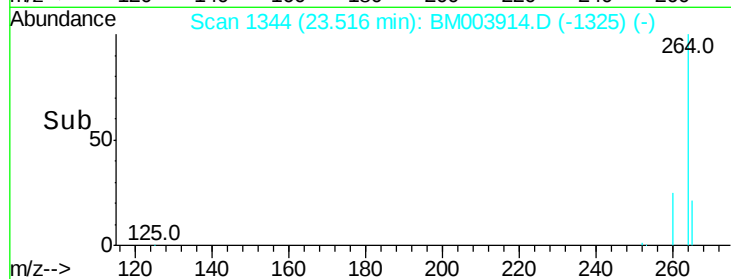
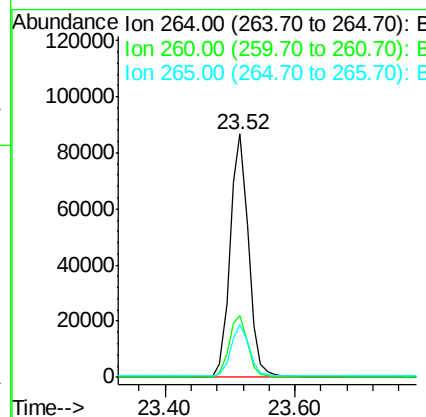
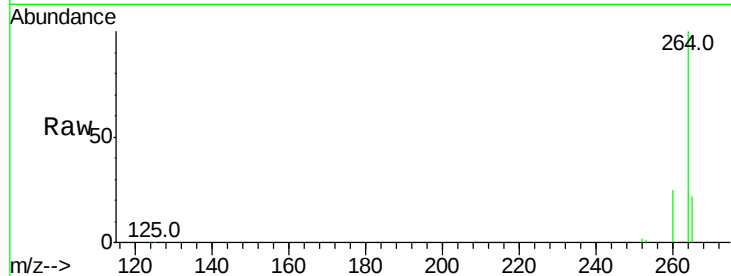




#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.52 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: BM003914.D
 Acq: 31 Dec 2015 14:57

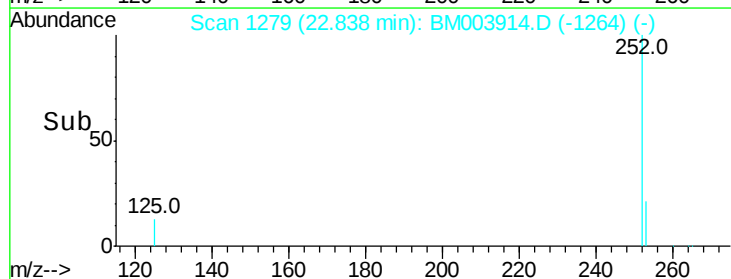
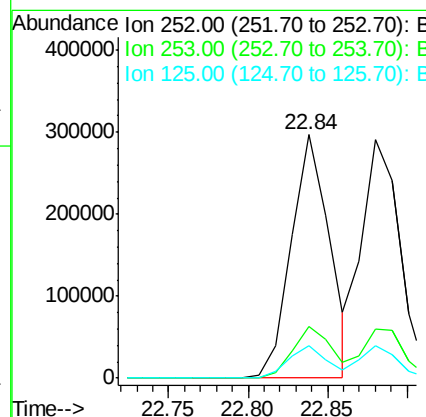
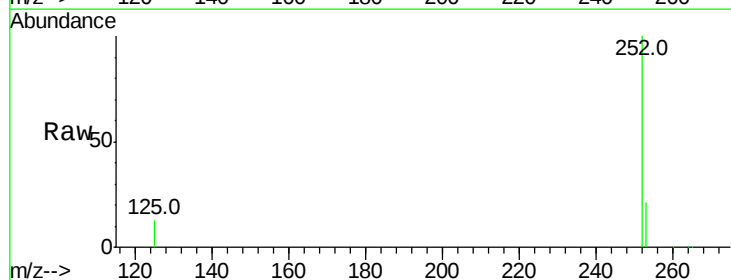
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC010

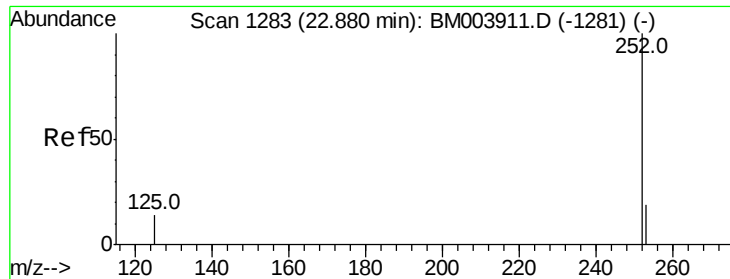
Tot Ion:264 Resp: 169007
 Ion Ratio Lower Upper
 264 100
 260 25.4 21.2 31.8
 265 21.8 16.7 25.1



#36
 Benzo(b)fluoranthene
 Concen: 9.57 ng
 RT: 22.84 min Scan# 1279
 Delta R.T. 0.00 min
 Lab File: BM003914.D
 Acq: 31 Dec 2015 14:57

Tgt Ion:252 Resp: 496792
 Ion Ratio Lower Upper
 252 100
 253 21.3 18.8 28.2
 125 13.3 10.2 15.4

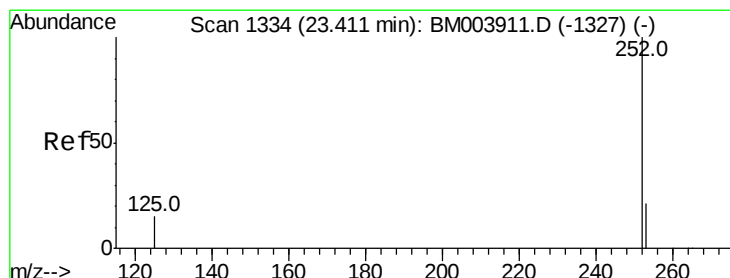
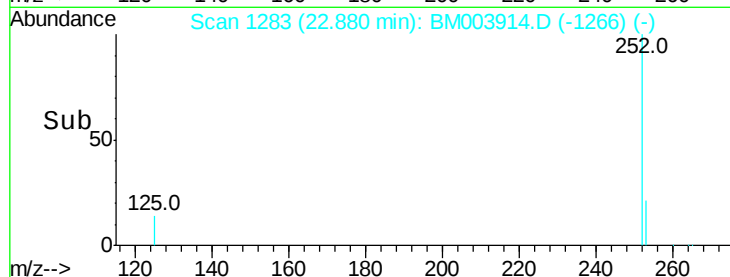
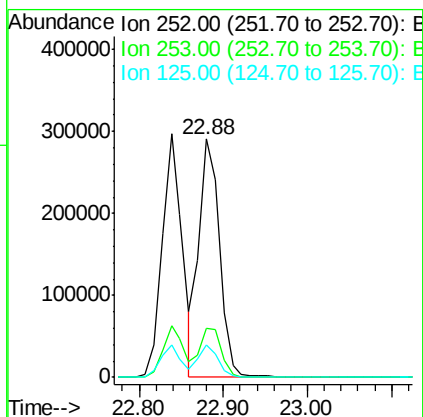
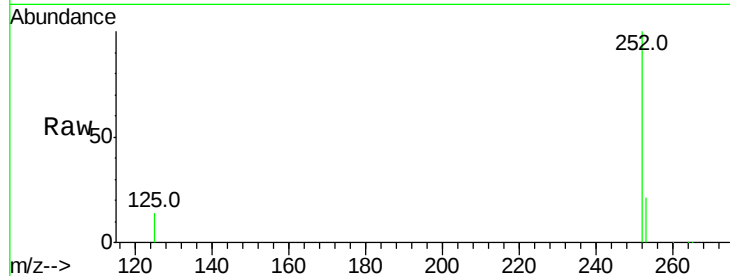




#37
Benzo(k)fluoranthene
Concen: 9.67 ng
RT: 22.88 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BM003914.D
Acq: 31 Dec 2015 14:57

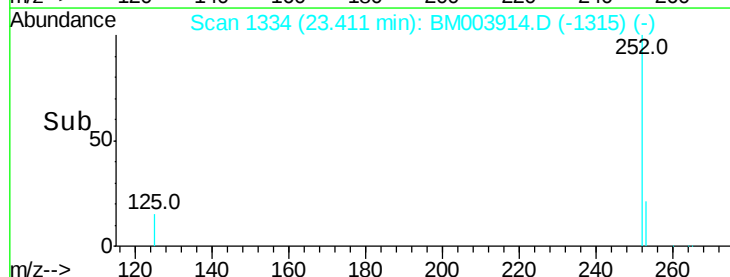
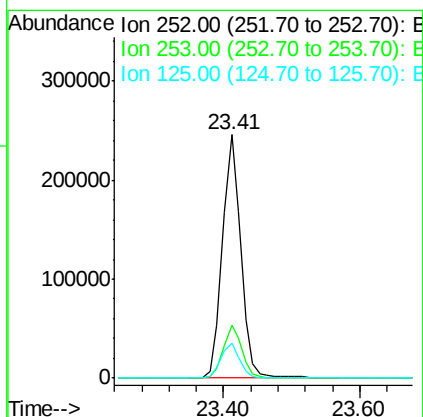
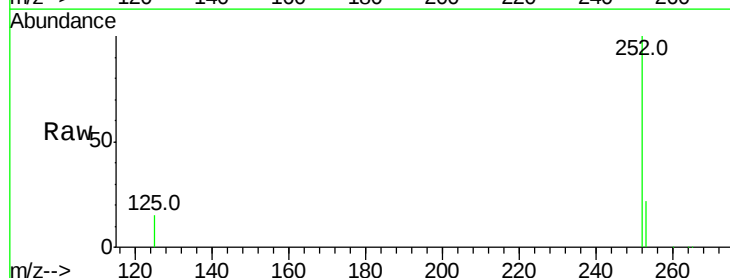
Instrument :
BNA_M
ClientSampleId :
SSTDIC010

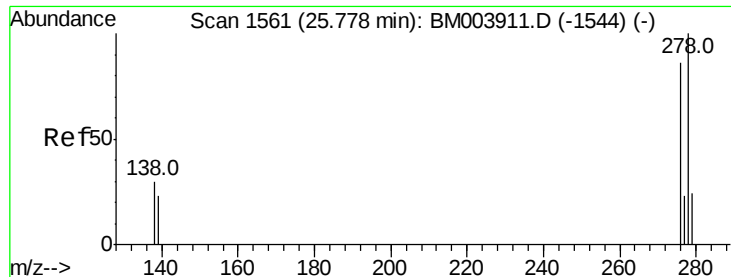
Tot Ion:252 Resp: 485885
Ion Ratio Lower Upper
252 100
253 20.8 18.3 27.5
125 13.9 10.6 15.8



#38
Benzo(a)pyrene
Concen: 10.46 ng
RT: 23.41 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BM003914.D
Acq: 31 Dec 2015 14:57

Tgt Ion:252 Resp: 457346
Ion Ratio Lower Upper
252 100
253 21.5 18.7 28.1
125 14.6 11.8 17.8





#39

Dibenzo(a,h)anthracene

Concen: 10.81 ng

RT: 25.77 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BM003914.D

Acq: 31 Dec 2015 14:57

Instrument :

BNA_M

ClientSampleId :

SSTDIC010

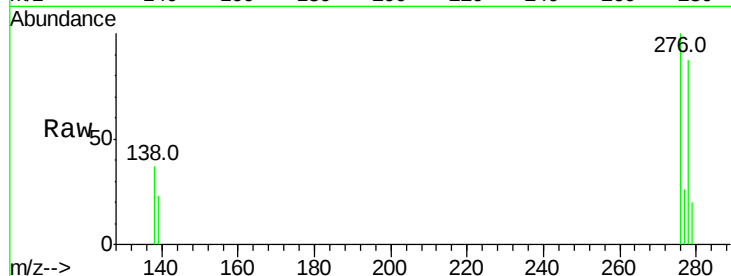
Tot Ion:278 Resp: 401698

Ion Ratio Lower Upper

278 100

139 26.7 19.0 28.6

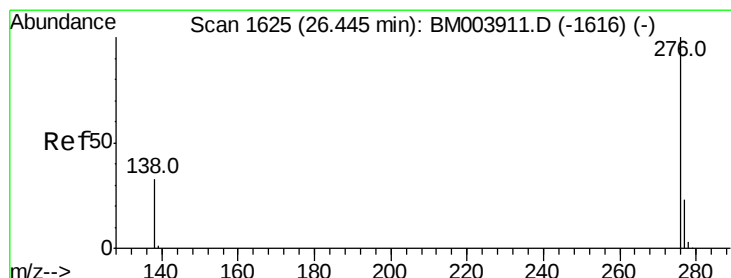
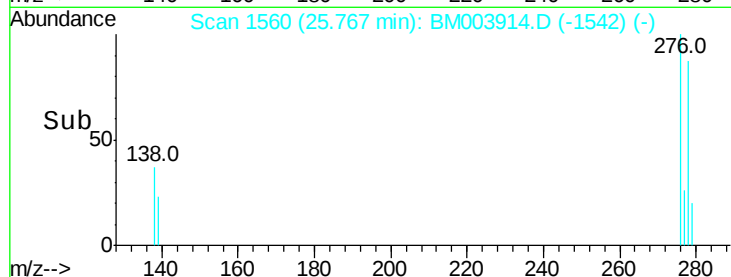
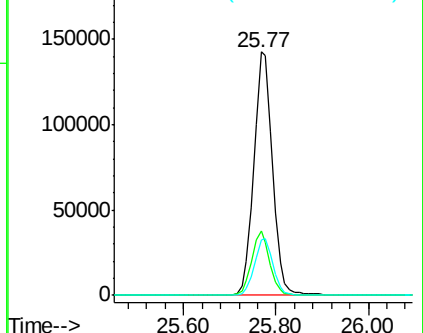
279 22.6 19.6 29.4



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: 10.61 ng

RT: 26.44 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BM003914.D

Acq: 31 Dec 2015 14:57

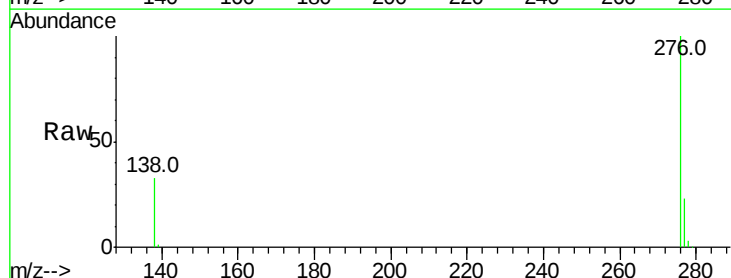
Tgt Ion:276 Resp: 418442

Ion Ratio Lower Upper

276 100

277 23.0 19.1 28.7

138 33.3 25.0 37.4



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

