

Data Path : Z:\HPCHEM1\BNA M\DATA\BM010216\
 Data File : BM003910.D
 Acq On : 31 Dec 2015 12:33
 Operator : SJ/UM
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.8

Quant Time: Dec 31 14:57:11 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 14:50:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	52692	5.00	ng	0.00
7) Naphthalene-d8	10.46	136	219742	5.00	ng	0.00
13) Acenaphthene-d10	14.33	164	114433	5.00	ng	0.00
19) Phenanthrene-d10	17.06	188	291670	5.00	ng	0.00
26) Chrysene-d12	21.27	240	187729	5.00	ng	0.00
35) Perylene-d12	23.52	264	137991	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.27	112	8120	0.76	ng	0.00
5) Phenol-d6	6.85	99	9774	0.76	ng	0.00
8) Nitrobenzene-d5	8.84	82	8011	0.77	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	1794	0.74	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	28555	0.76	ng	0.00
29) Terphenyl-d14	19.72	244	23479	0.78	ng	0.00

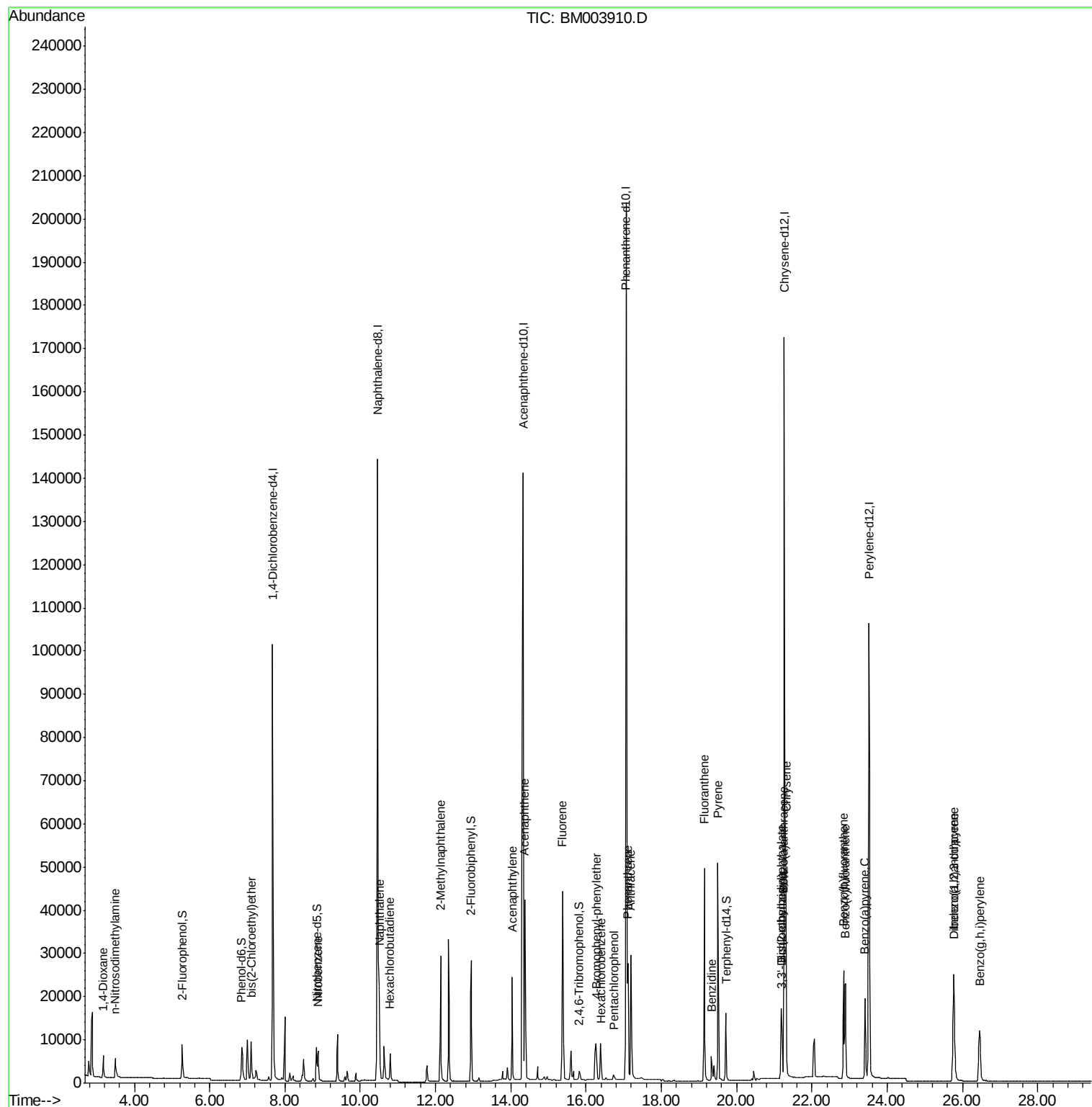
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.17	88	3761	0.71	ng	97
3) n-Nitrosodimethylamine	3.49	42	4095	0.76	ng	99
6) bis(2-Chloroethyl)ether	7.11	93	9125	0.76	ng	98
9) Nitrobenzene	8.88	77	8545	0.77	ng	99
10) Naphthalene	10.51	128	37175	0.76	ng	95
11) Hexachlorobutadiene	10.79	225	5664	0.76	ng	99
12) 2-Methylnaphthalene	12.13	142	25104	0.76	ng	99
16) Acenaphthylene	14.04	152	35844	0.77	ng	99
17) Acenaphthene	14.37	154	24581	0.72	ng	93
18) Fluorene	15.37	166	30190	0.76	ng	96
20) 4-Bromophenyl-phenylether	16.27	248	6520	0.71	ng	# 56
21) Hexachlorobenzene	16.40	284	6788	0.69	ng	# 48
22) Pentachlorophenol	16.73	266	1351	0.70	ng	# 77
23) Phenanthrene	17.11	178	43528	0.69	ng	99
24) Anthracene	17.19	178	41909	0.72	ng	97
25) Fluoranthene	19.14	202	48770	0.74	ng	99
27) Benzidine	19.33	184	10633	0.88	ng	95
28) Pyrene	19.50	202	53064	0.80	ng	99
30) Benzo(a)anthracene	21.25	228	39506	0.74	ng	# 80
31) 3,3'-Dichlorobenzidine	21.21	252	9828	0.78	ng	98
32) Chrysene	21.31	228	43790	0.78	ng	96
33) Bis(2-ethylhexyl)phthalate	21.19	149	15696	0.75	ng	# 95
34) Indeno(1,2,3-cd)pyrene	25.77	276	28881	0.74	ng	100
36) Benzo(b)fluoranthene	22.84	252	31345	0.74	ng	97
37) Benzo(k)fluoranthene	22.89	252	32196	0.78	ng	99
38) Benzo(a)pyrene	23.41	252	27042	0.76	ng	98
39) Dibenzo(a,h)anthracene	25.78	278	23028	0.75	ng	99
40) Benzo(g,h,i)perylene	26.46	276	24404	0.75	ng	98

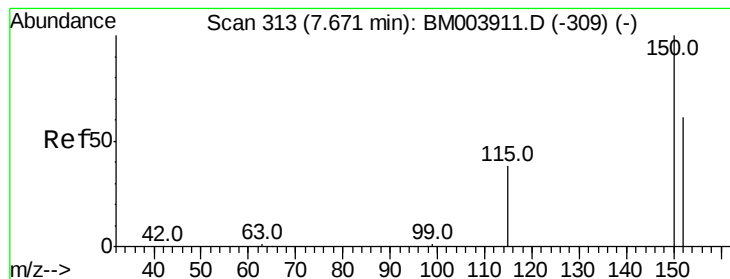
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.67 min Scan# 313

Delta R.T. 0.00 min

Lab File: BM003910.D

Acq: 31 Dec 2015 12:33

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.8

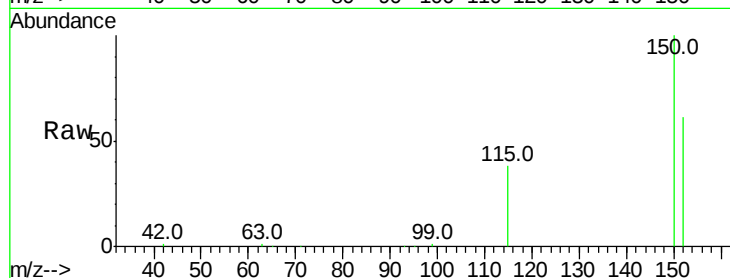
Tot Ion:152 Resp: 52692

Ion Ratio Lower Upper

152 100

150 165.0 122.9 184.3

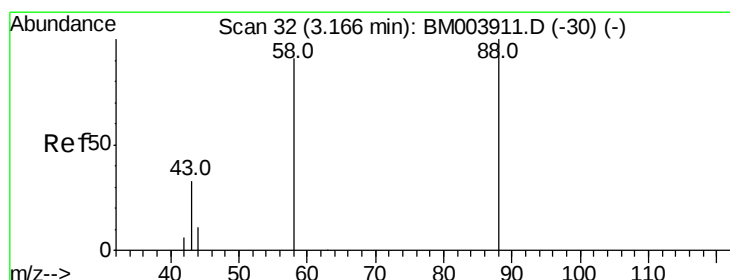
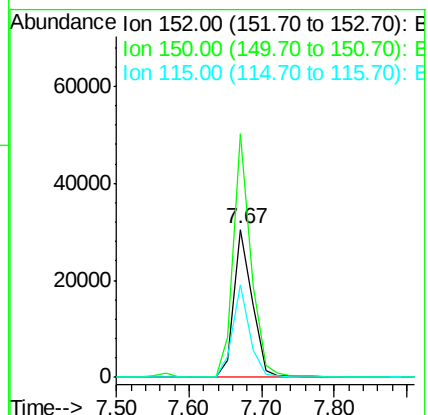
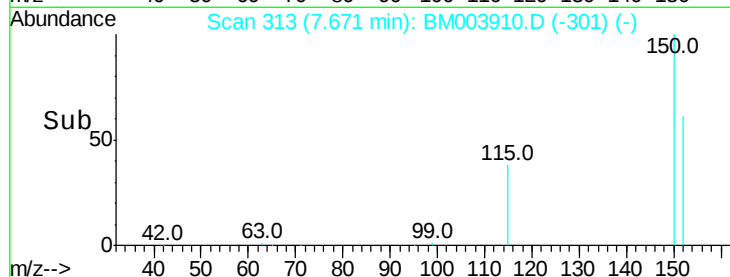
115 62.6 44.4 66.6



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: 0.71 ng

RT: 3.17 min Scan# 32

Delta R.T. 0.00 min

Lab File: BM003910.D

Acq: 31 Dec 2015 12:33

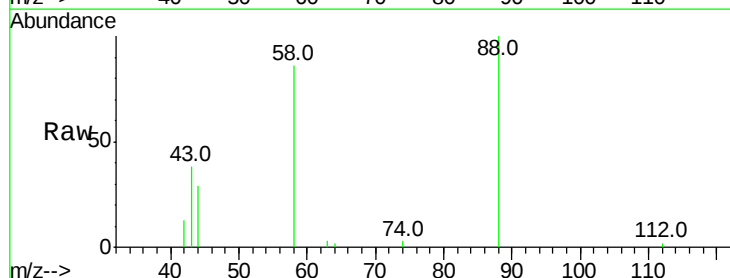
Tgt Ion: 88 Resp: 3761

Ion Ratio Lower Upper

88 100

58 70.6 53.8 80.6

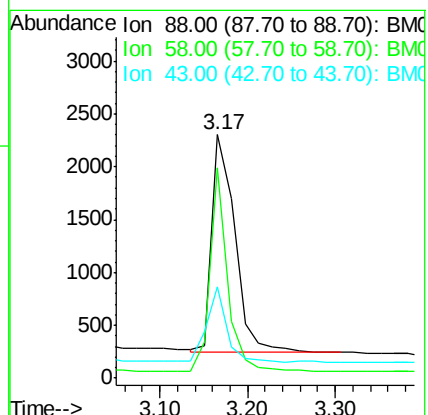
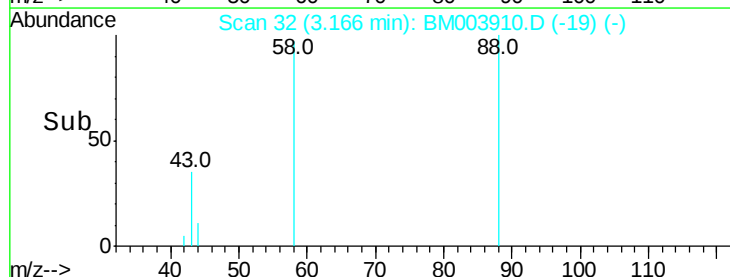
43 30.7 23.8 35.6

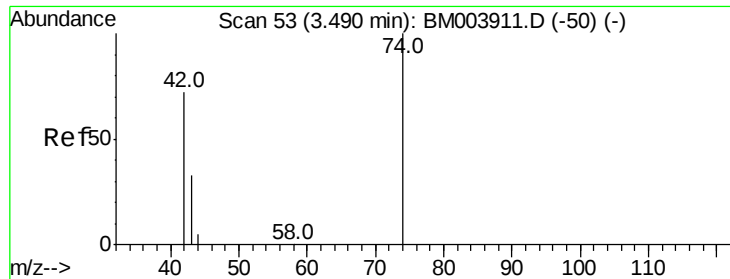


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 0.76 ng

RT: 3.49 min Scan# 53

Delta R.T. 0.00 min

Lab File: BM003910.D

Acq: 31 Dec 2015 12:33

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.8

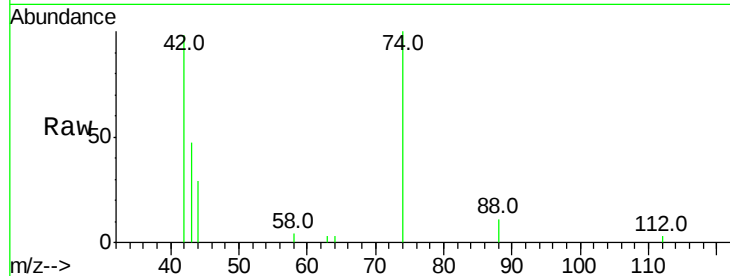
Tot Ion: 42 Resp: 4095

Ion Ratio Lower Upper

42 100

74 119.5 95.0 142.4

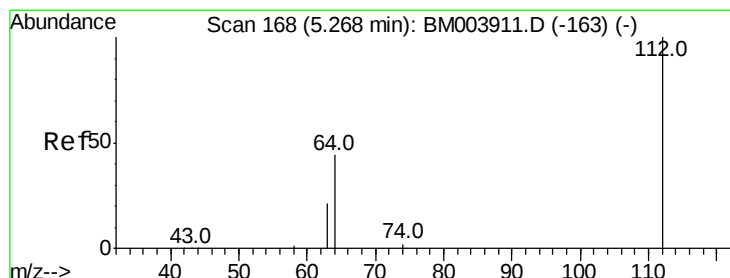
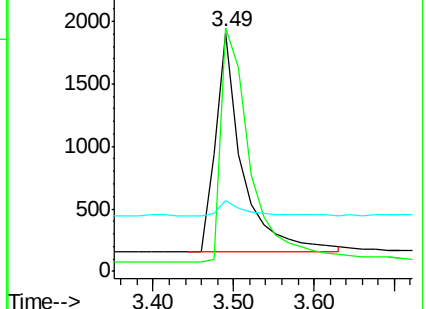
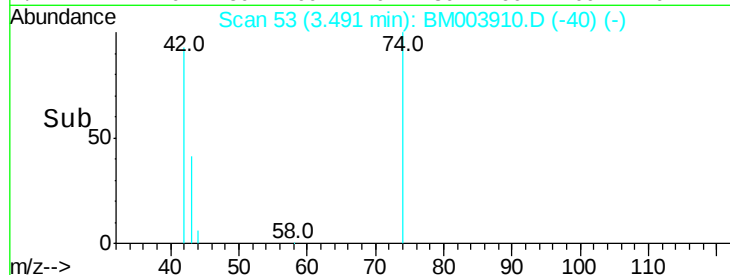
44 6.3 5.1 7.7



Abundance Ion 42.00 (41.70 to 42.70): BM003910.D (-40) (-)

Ion 74.00 (73.70 to 74.70): BM003910.D (-40) (-)

Ion 44.00 (43.70 to 44.70): BM003910.D (-40) (-)



#4

2-Fluorophenol

Concen: 0.76 ng

RT: 5.27 min Scan# 168

Delta R.T. 0.00 min

Lab File: BM003910.D

Acq: 31 Dec 2015 12:33

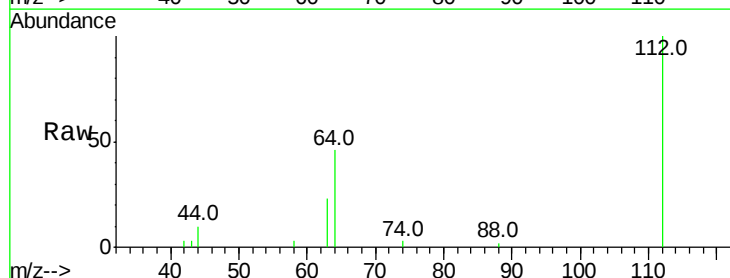
Tgt Ion: 112 Resp: 8120

Ion Ratio Lower Upper

112 100

64 52.3 41.8 62.8

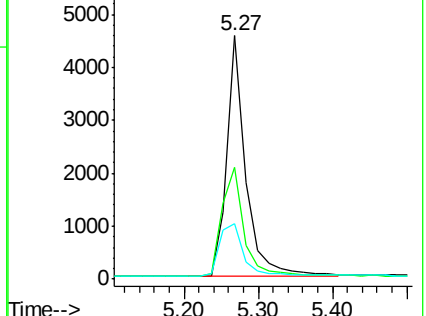
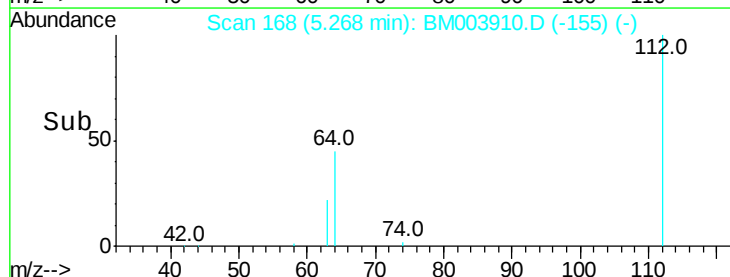
63 27.7 22.1 33.1

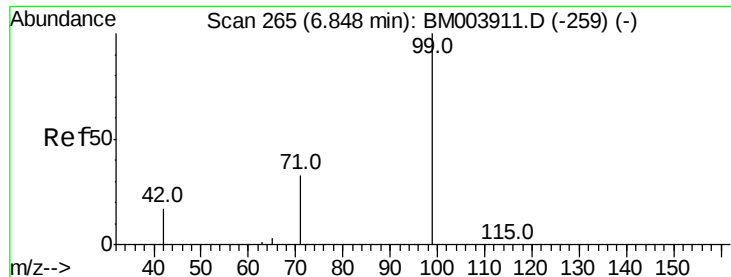


Abundance Ion 112.00 (111.70 to 112.70): BM003910.D (-155) (-)

Ion 64.00 (63.70 to 64.70): BM003910.D (-155) (-)

Ion 63.00 (62.70 to 63.70): BM003910.D (-155) (-)





#5

Phenol-d6

Concen: 0.76 ng

RT: 6.85 min Scan# 265

Delta R.T. 0.00 min

Lab File: BM003910.D

Acq: 31 Dec 2015 12:33

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

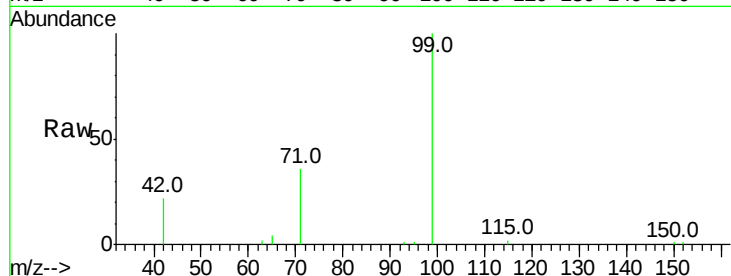
Tot Ion: 99 Resp: 9774

Ion Ratio Lower Upper

99 100

42 20.0 16.2 24.2

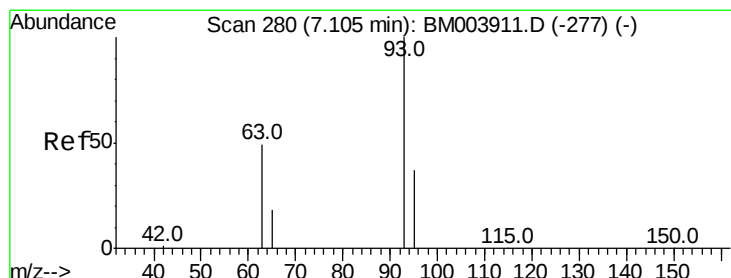
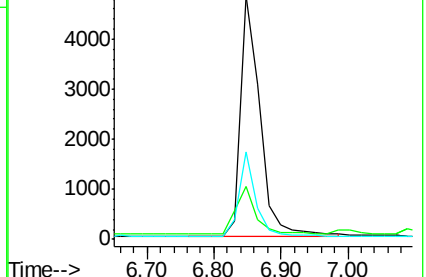
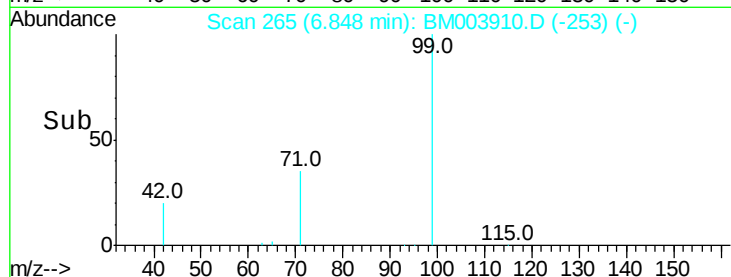
71 30.6 24.4 36.6



Abundance Ion 99.00 (98.70 to 99.70): BM003910.D (-253) (-)

Ion 42.00 (41.70 to 42.70): BM003910.D (-253) (-)

Ion 71.00 (70.70 to 71.70): BM003910.D (-253) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.76 ng

RT: 7.11 min Scan# 280

Delta R.T. 0.00 min

Lab File: BM003910.D

Acq: 31 Dec 2015 12:33

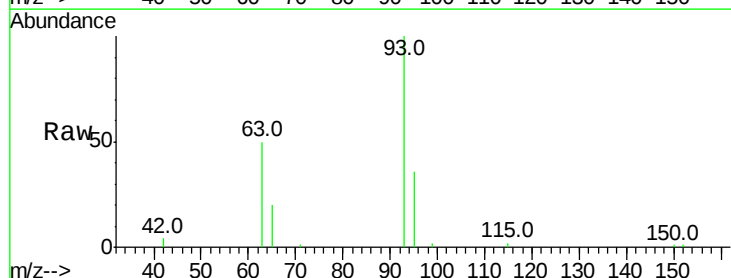
Tgt Ion: 93 Resp: 9125

Ion Ratio Lower Upper

93 100

63 74.6 58.3 87.5

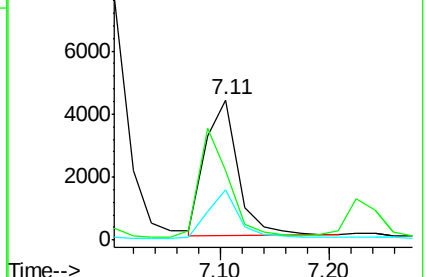
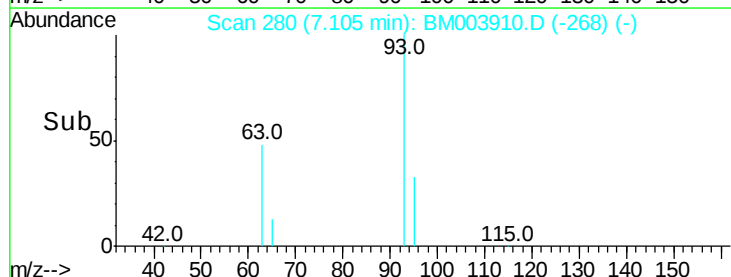
95 34.2 25.8 38.8

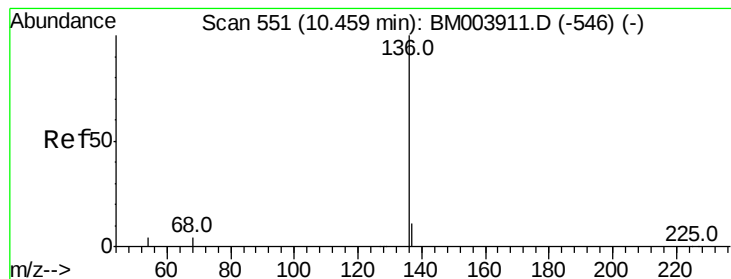


Abundance Ion 93.00 (92.70 to 93.70): BM003910.D (-268) (-)

Ion 63.00 (62.70 to 63.70): BM003910.D (-268) (-)

Ion 95.00 (94.70 to 95.70): BM003910.D (-268) (-)





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.46 min Scan# 551

Delta R.T. 0.00 min

Lab File: BM003910.D

Acq: 31 Dec 2015 12:33

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

Tot Ion:136 Resp: 219742

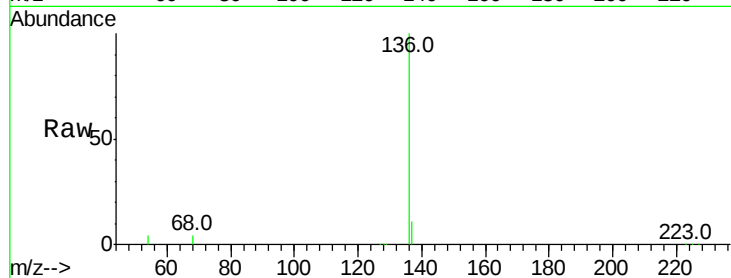
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 4.3 2.8 4.2#

68 3.7 2.5 3.7

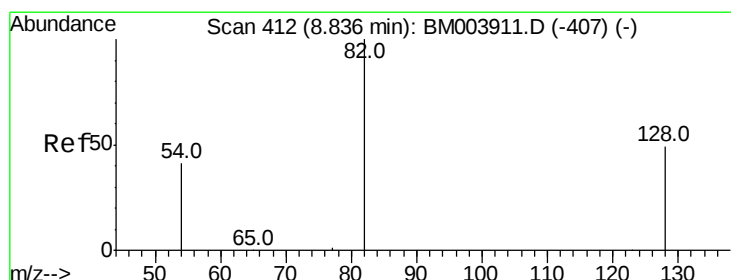
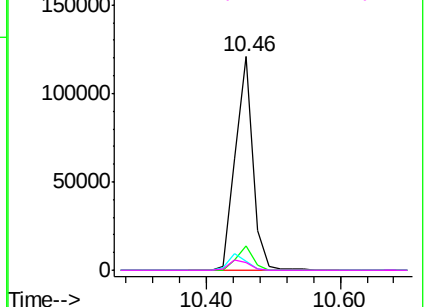
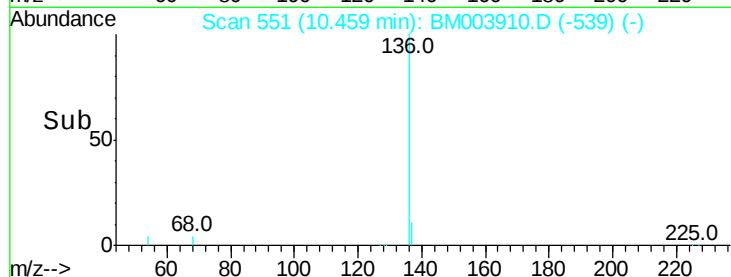


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.77 ng

RT: 8.84 min Scan# 412

Delta R.T. 0.00 min

Lab File: BM003910.D

Acq: 31 Dec 2015 12:33

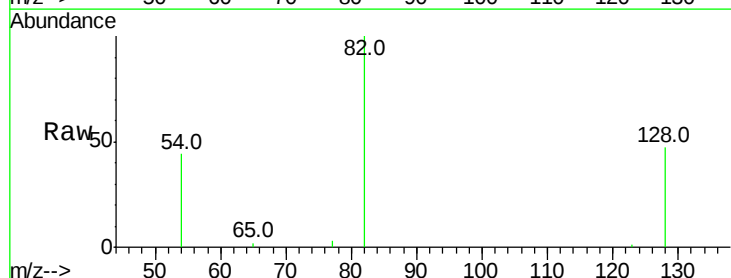
Tgt Ion: 82 Resp: 8011

Ion Ratio Lower Upper

82 100

128 47.3 39.1 58.7

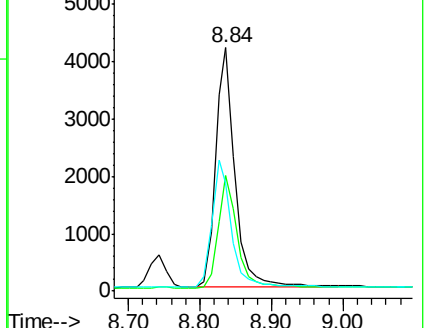
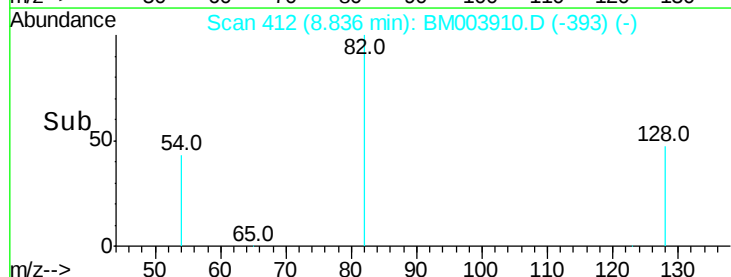
54 44.5 34.8 52.2

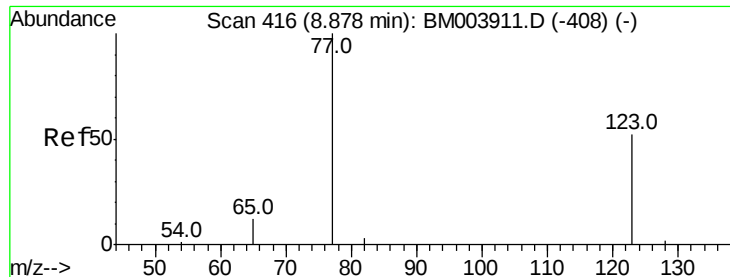


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#9

Nitrobenzene

Concen: 0.77 ng

RT: 8.88 min Scan# 416

Delta R.T. 0.00 min

Lab File: BM003910.D

Acq: 31 Dec 2015 12:33

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

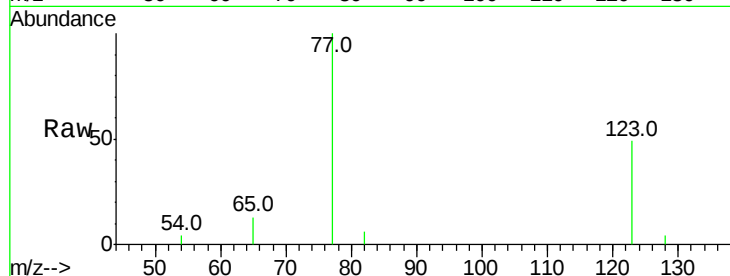
Tot Ion: 77 Resp: 8545

Ion Ratio Lower Upper

77 100

123 47.3 38.6 57.8

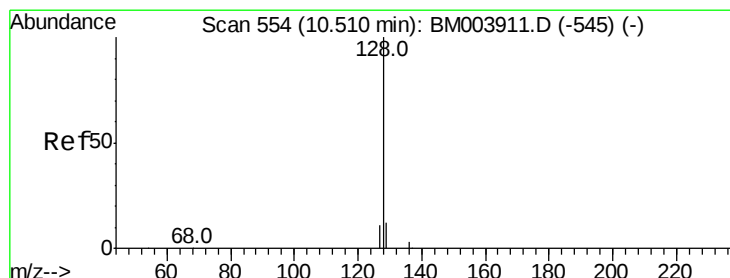
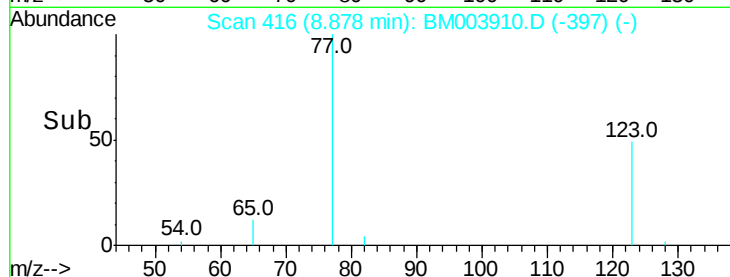
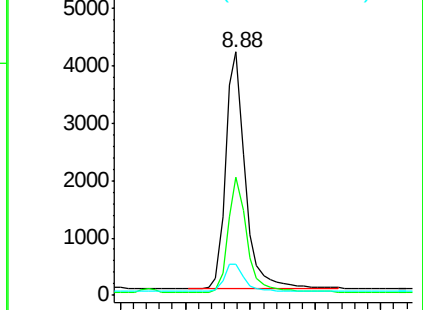
65 12.5 9.9 14.9



Abundance Ion 77.00 (76.70 to 77.70): BM003910.D (-397) (-)

Ion 123.00 (122.70 to 123.70): BM003910.D (-397) (-)

Ion 65.00 (64.70 to 65.70): BM003910.D (-397) (-)



#10

Naphthalene

Concen: 0.76 ng

RT: 10.51 min Scan# 554

Delta R.T. 0.00 min

Lab File: BM003910.D

Acq: 31 Dec 2015 12:33

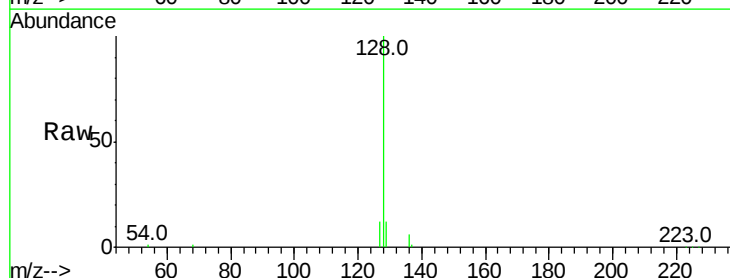
Tgt Ion: 128 Resp: 37175

Ion Ratio Lower Upper

128 100

129 12.0 8.5 12.7

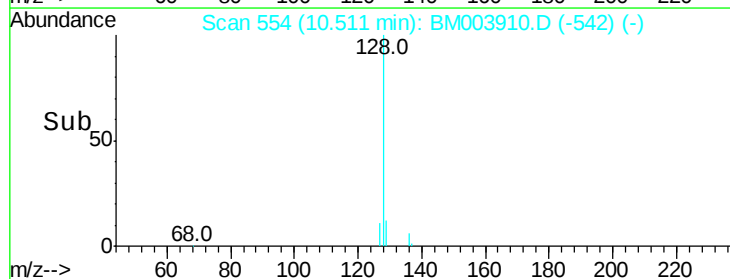
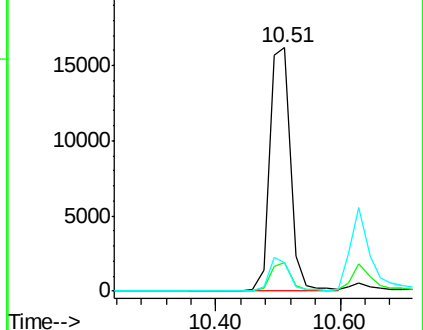
127 11.5 11.0 16.4

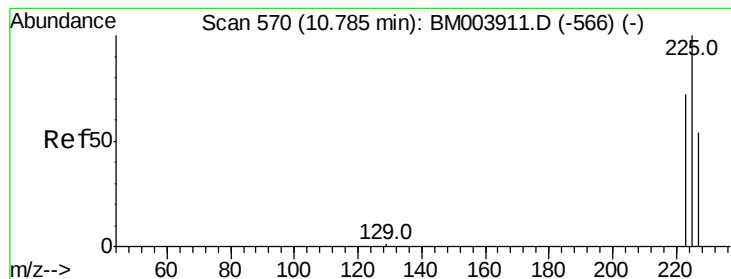


Abundance Ion 128.00 (127.70 to 128.70): BM003910.D (-542) (-)

Ion 129.00 (128.70 to 129.70): BM003910.D (-542) (-)

Ion 127.00 (126.70 to 127.70): BM003910.D (-542) (-)





#11

Hexachlorobutadiene

Concen: 0.76 ng

RT: 10.79 min Scan# 570

Delta R.T. 0.00 min

Lab File: BM003910.D

Acq: 31 Dec 2015 12:33

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

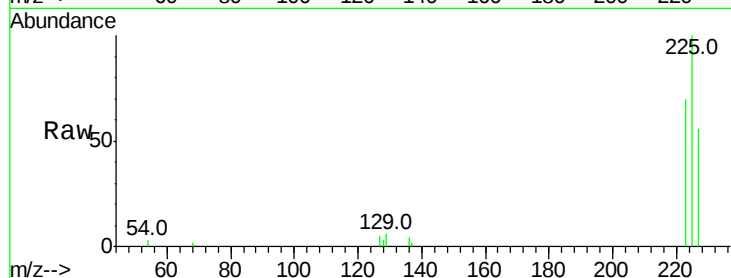
Tot Ion:225 Resp: 5664

Ion Ratio Lower Upper

225 100

223 62.6 50.9 76.3

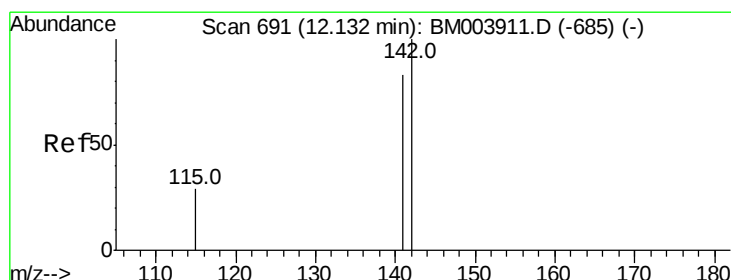
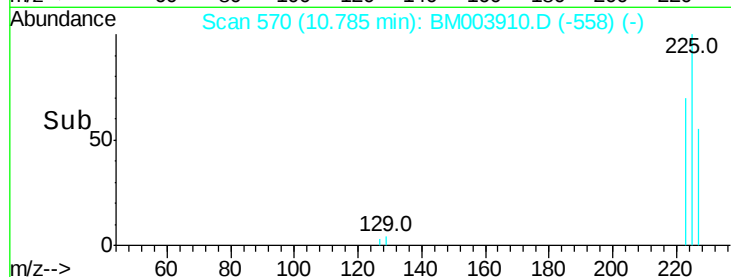
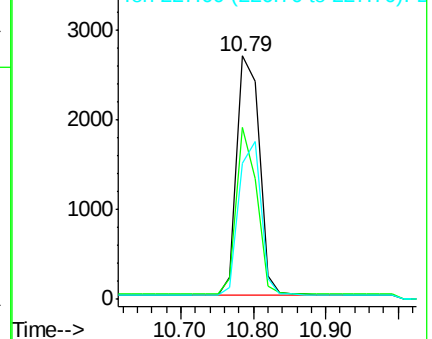
227 63.4 51.2 76.8



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: 0.76 ng

RT: 12.13 min Scan# 691

Delta R.T. 0.00 min

Lab File: BM003910.D

Acq: 31 Dec 2015 12:33

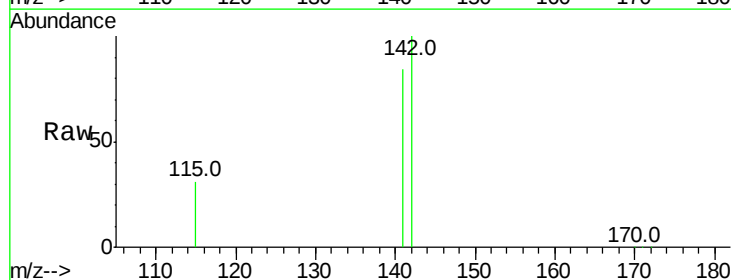
Tgt Ion:142 Resp: 25104

Ion Ratio Lower Upper

142 100

141 84.2 67.8 101.8

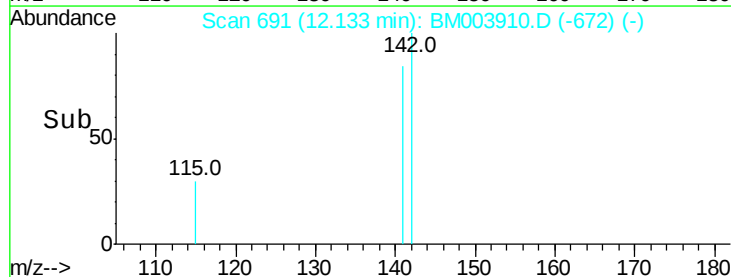
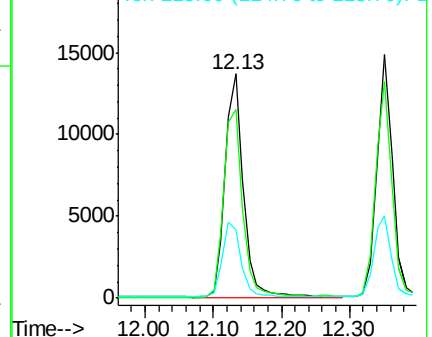
115 30.5 25.3 37.9

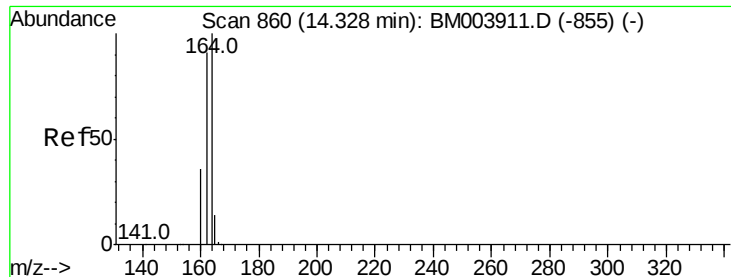


Abundance Ion 142.00 (141.70 to 142.70): E

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: BM003910.D

Acq: 31 Dec 2015 12:33

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.8

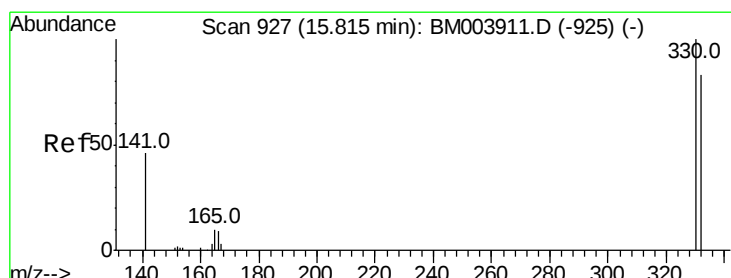
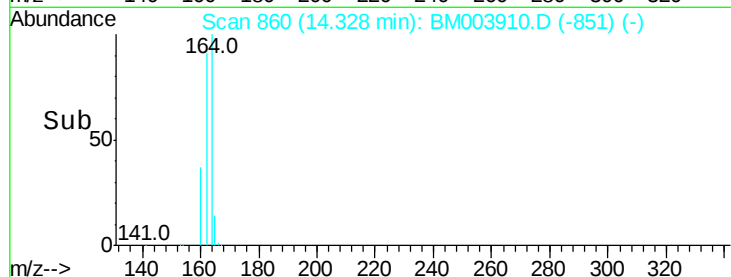
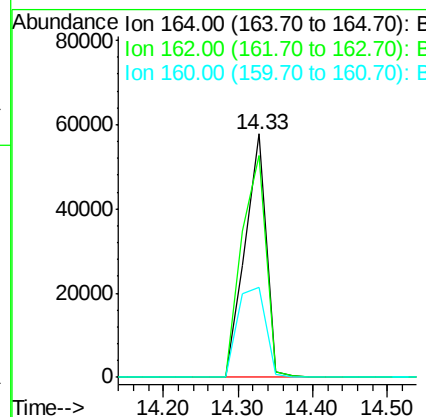
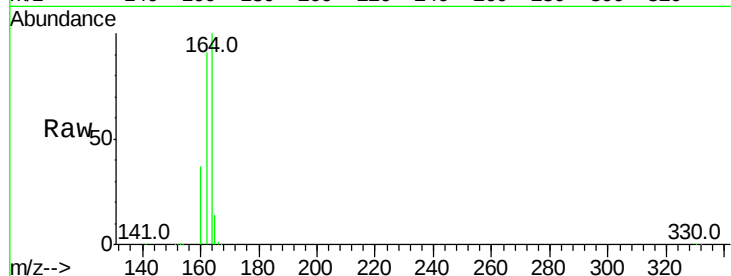
Tot Ion:164 Resp: 114433

Ion Ratio Lower Upper

164 100

162 91.2 86.0 129.0

160 36.9 40.3 60.5#



#14

2,4,6-Tribromophenol

Concen: 0.74 ng

RT: 15.82 min Scan# 927

Delta R.T. 0.00 min

Lab File: BM003910.D

Acq: 31 Dec 2015 12:33

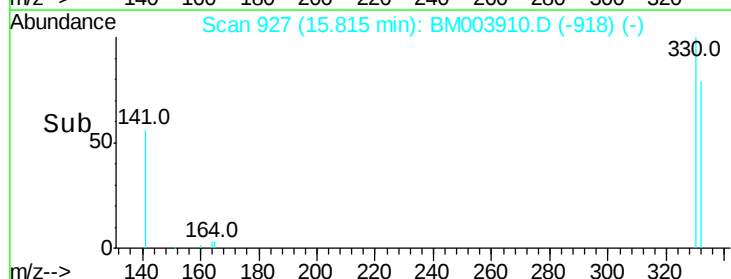
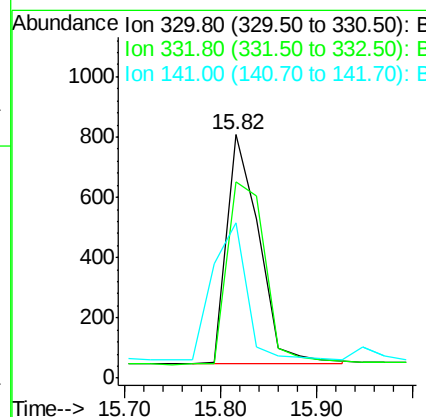
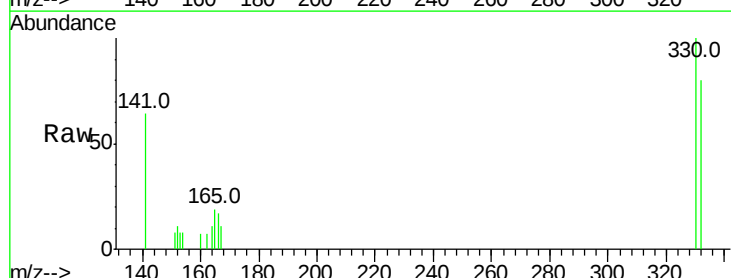
Tgt Ion:330 Resp: 1794

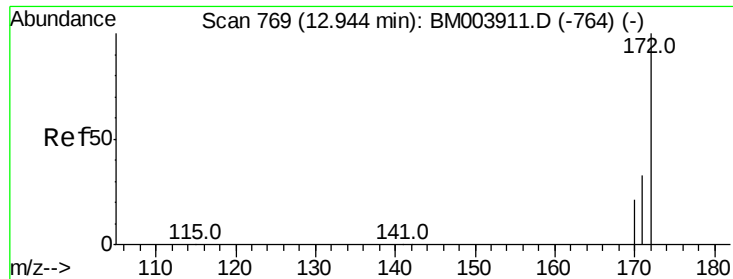
Ion Ratio Lower Upper

330 100

332 94.3 79.0 118.4

141 61.8 0.0 0.0#

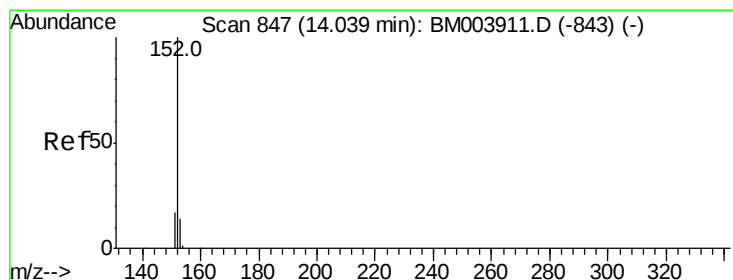
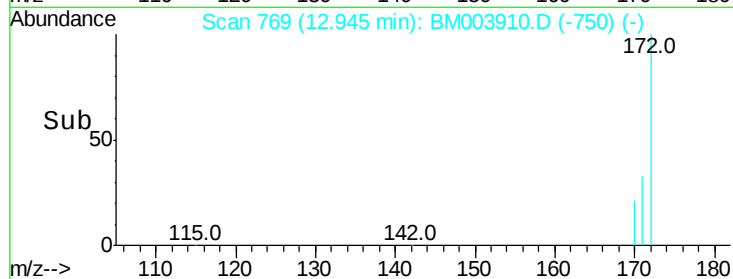
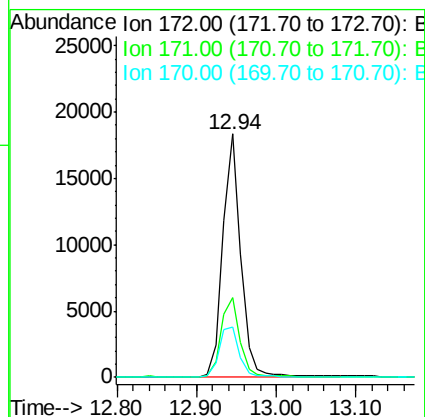
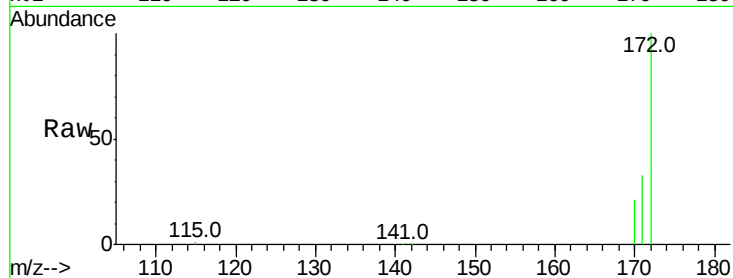




#15
2-Fluorobiphenyl
Concen: 0.76 ng
RT: 12.94 min Scan# 769
Delta R.T. 0.00 min
Lab File: BM003910.D
Acq: 31 Dec 2015 12:33

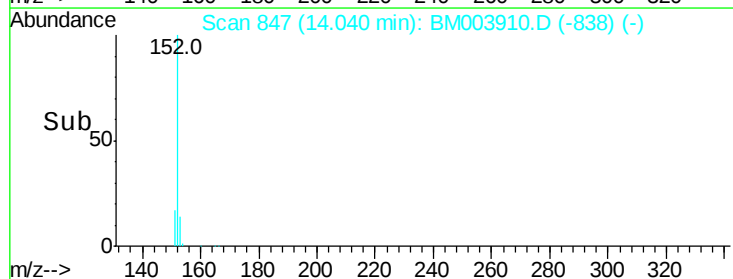
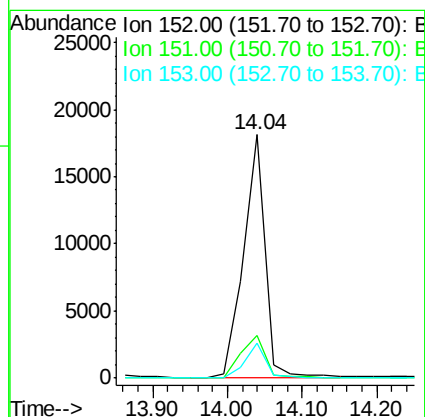
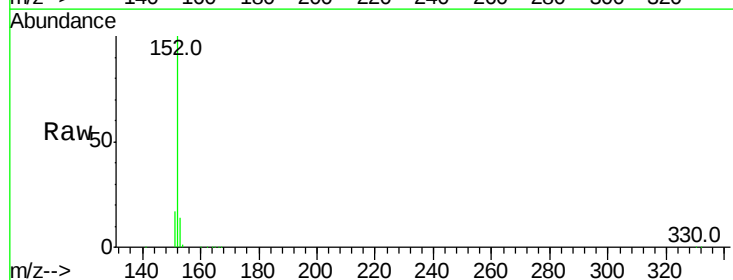
Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

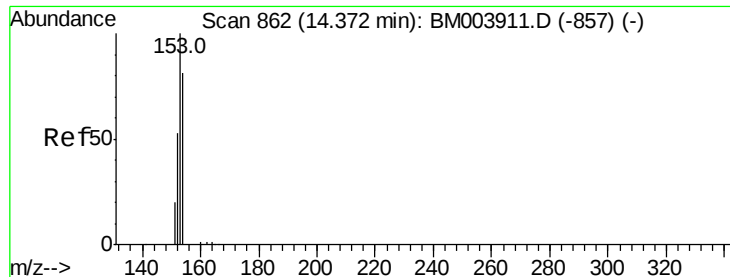
Tot Ion:172 Resp: 28555
Ion Ratio Lower Upper
172 100
171 32.8 27.0 40.6
170 20.8 17.9 26.9



#16
Acenaphthylene
Concen: 0.77 ng
RT: 14.04 min Scan# 847
Delta R.T. 0.00 min
Lab File: BM003910.D
Acq: 31 Dec 2015 12:33

Tgt Ion:152 Resp: 35844
Ion Ratio Lower Upper
152 100
151 19.1 15.8 23.8
153 13.0 10.2 15.4





#17

Acenaphthene

Concen: 0.72 ng

RT: 14.37 min Scan# 862

Delta R.T. 0.00 min

Lab File: BM003910.D

Acq: 31 Dec 2015 12:33

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.8

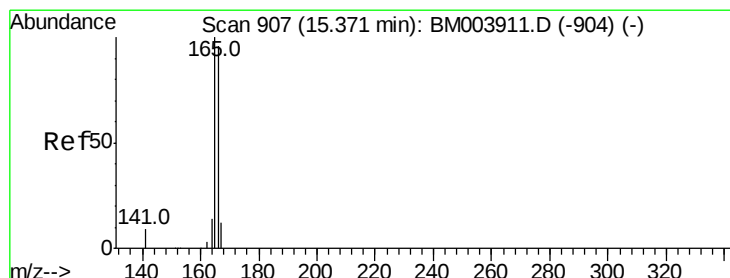
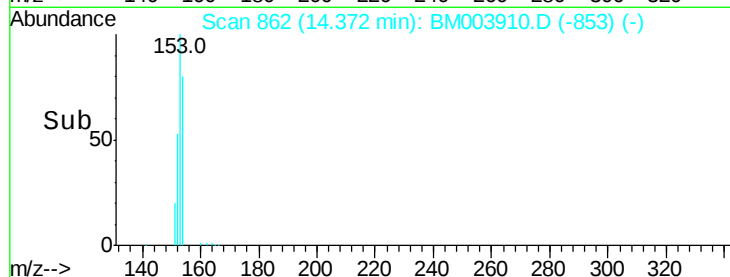
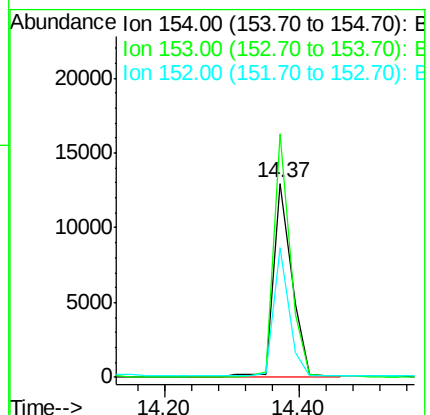
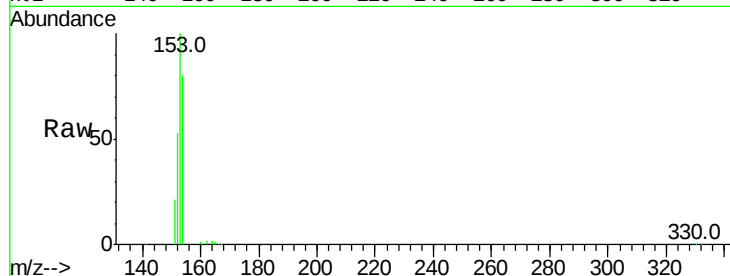
Tot Ion:154 Resp: 24581

Ion Ratio Lower Upper

154 100

153 113.2 85.4 128.2

152 56.3 40.6 60.8



#18

Fluorene

Concen: 0.76 ng

RT: 15.37 min Scan# 907

Delta R.T. 0.00 min

Lab File: BM003910.D

Acq: 31 Dec 2015 12:33

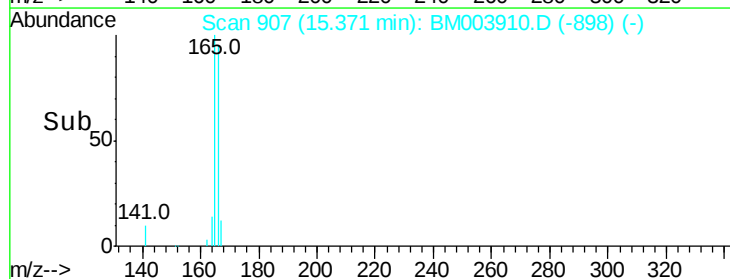
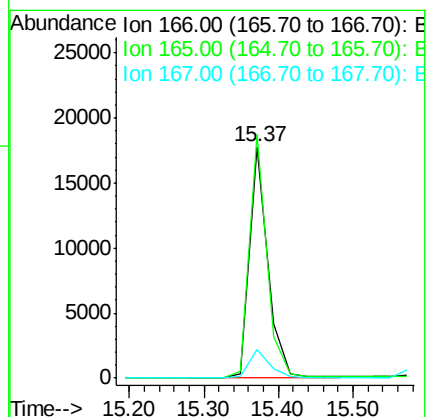
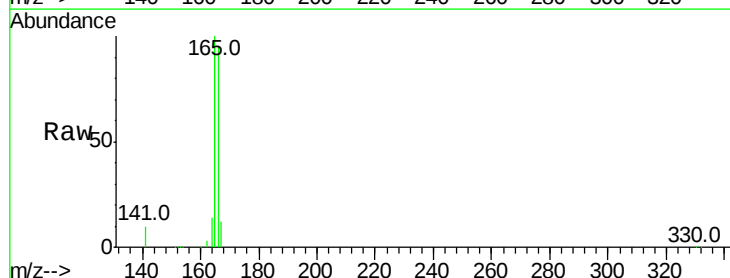
Tgt Ion:166 Resp: 30190

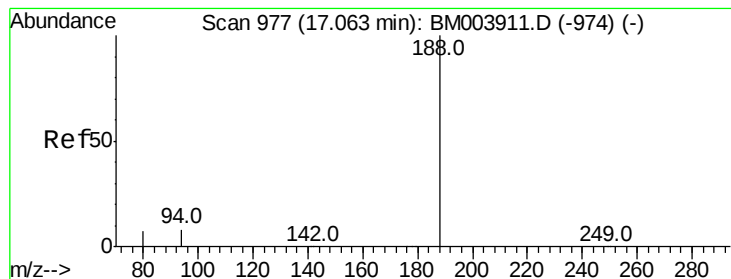
Ion Ratio Lower Upper

166 100

165 100.4 77.2 115.8

167 13.1 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: BM003910.D

Acq: 31 Dec 2015 12:33

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

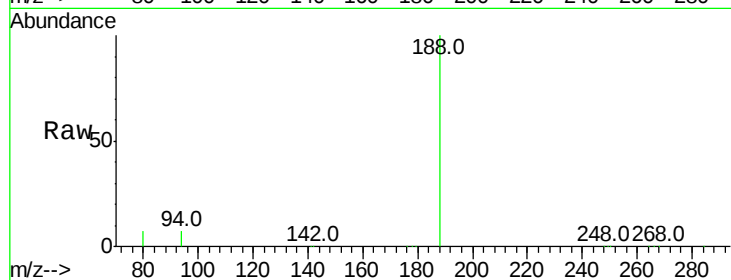
Tot Ion:188 Resp: 291670

Ion Ratio Lower Upper

188 100

94 7.5 20.3 30.5#

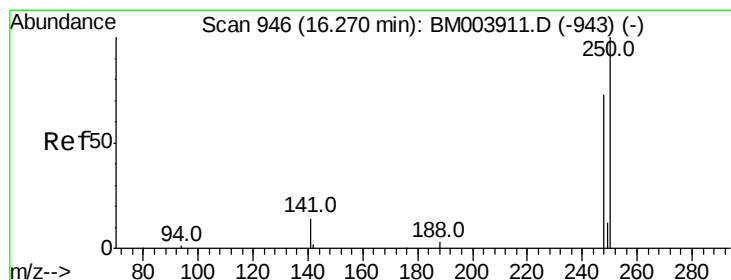
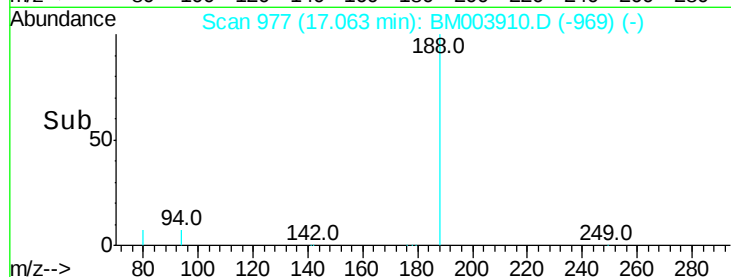
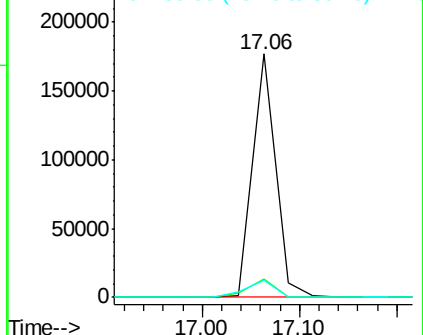
80 6.8 22.2 33.4#



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: 0.71 ng

RT: 16.27 min Scan# 946

Delta R.T. 0.00 min

Lab File: BM003910.D

Acq: 31 Dec 2015 12:33

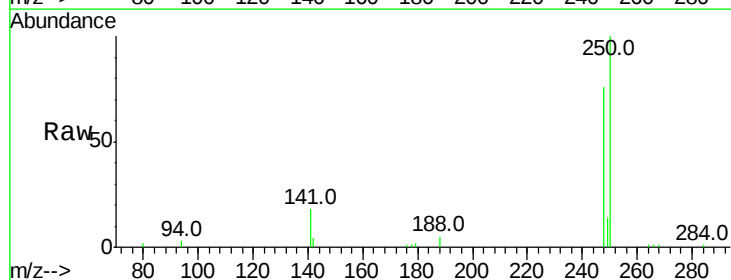
Tgt Ion:248 Resp: 6520

Ion Ratio Lower Upper

248 100

250 108.8 75.0 112.4

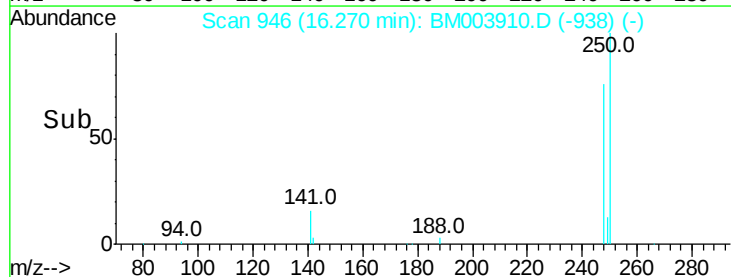
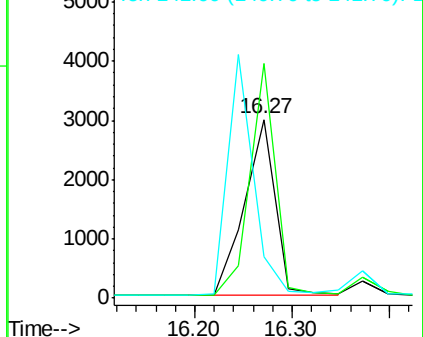
141 0.0 53.0 79.4#

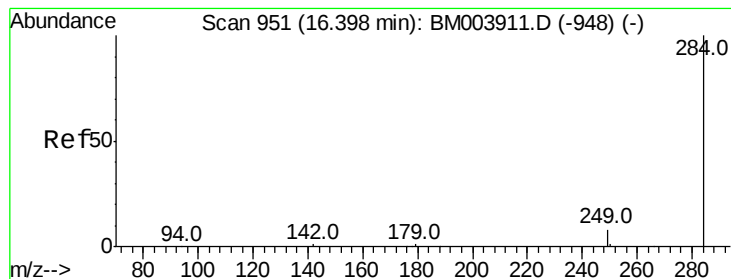


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.69 ng

RT: 16.40 min Scan# 951

Delta R.T. 0.00 min

Lab File: BM003910.D

Acq: 31 Dec 2015 12:33

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

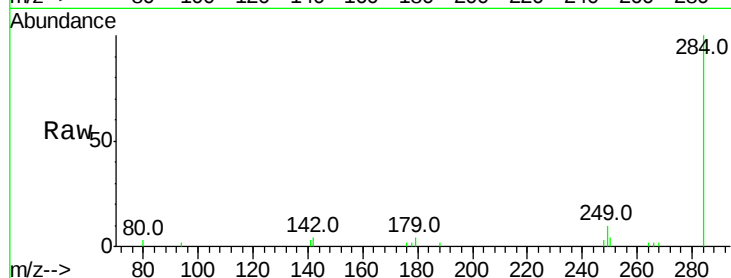
Tot Ion:284 Resp: 6788

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

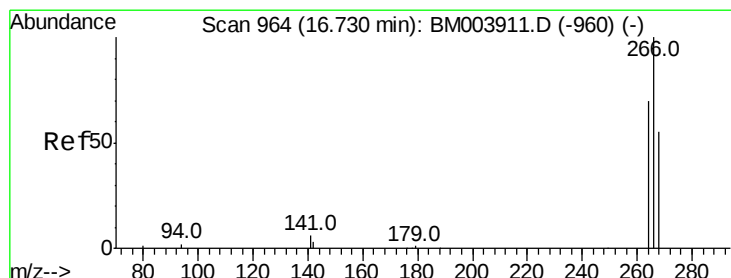
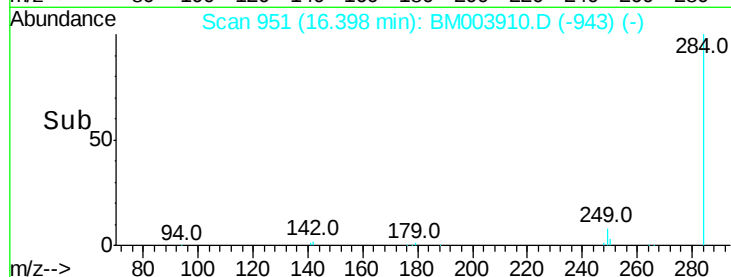
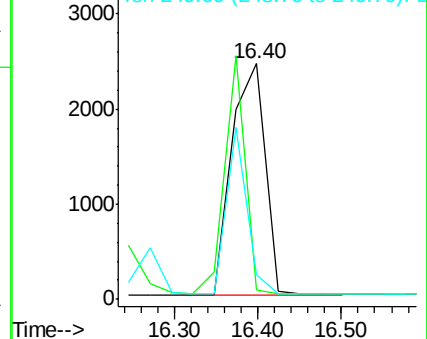
249 0.0 21.5 32.3#



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: 0.70 ng

RT: 16.73 min Scan# 964

Delta R.T. 0.00 min

Lab File: BM003910.D

Acq: 31 Dec 2015 12:33

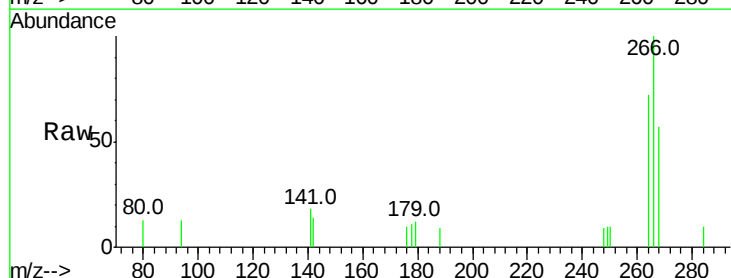
Tgt Ion:266 Resp: 1351

Ion Ratio Lower Upper

266 100

268 56.9 62.7 94.1#

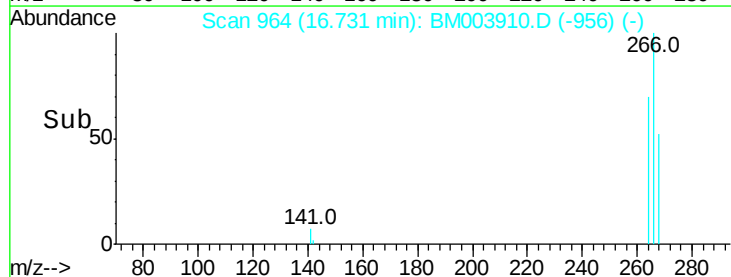
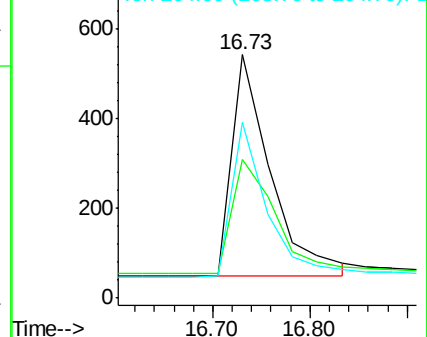
264 72.4 45.7 68.5#

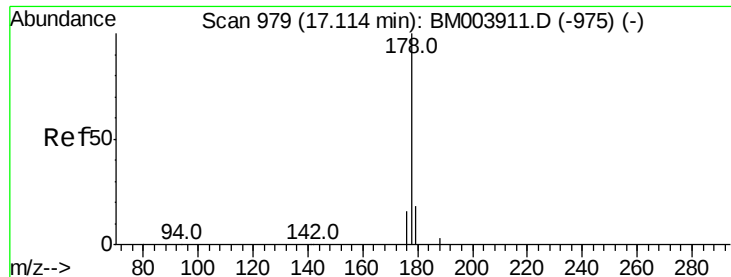


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#23

Phenanthrene

Concen: 0.69 ng

RT: 17.11 min Scan# 979

Delta R.T. 0.00 min

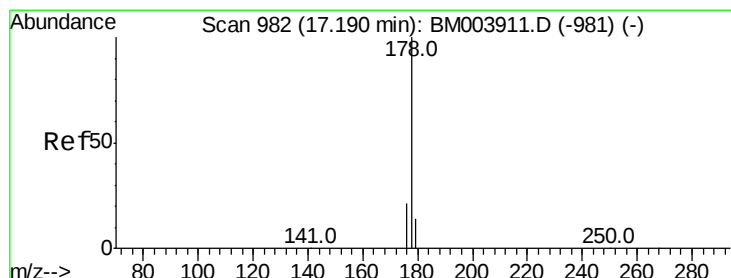
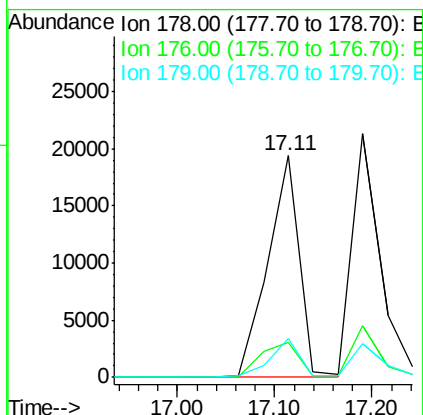
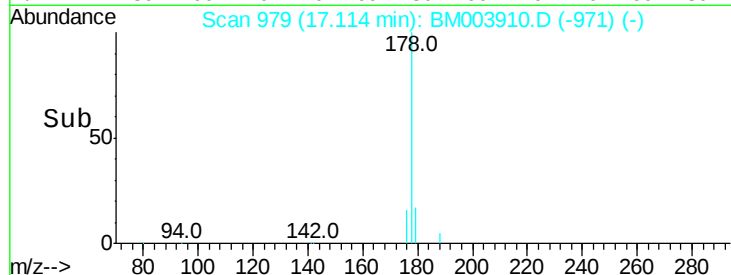
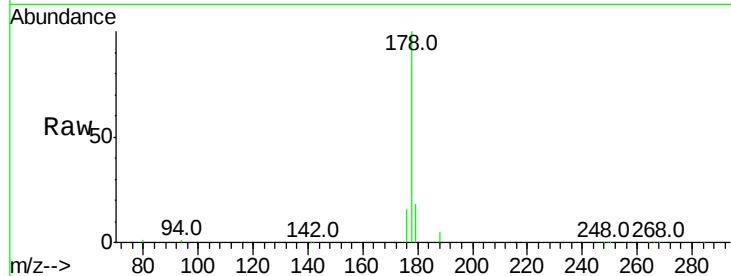
Lab File: BM003910.D

Acq: 31 Dec 2015 12:33

Instrument :
BNA_M
ClientSampleId :
SSTDIC0.8

Tot Ion:178 Resp: 43528

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.0
179	16.1	12.2	18.4



#24

Anthracene

Concen: 0.72 ng

RT: 17.19 min Scan# 982

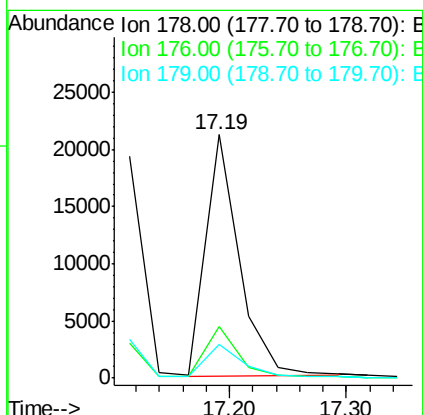
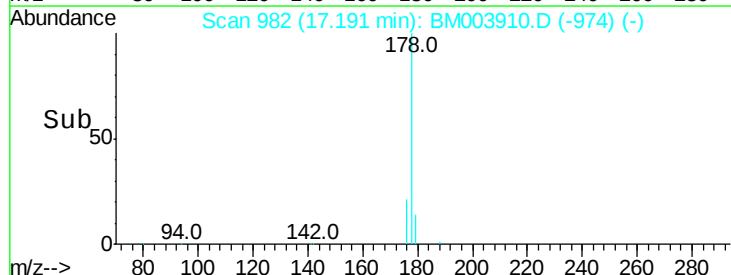
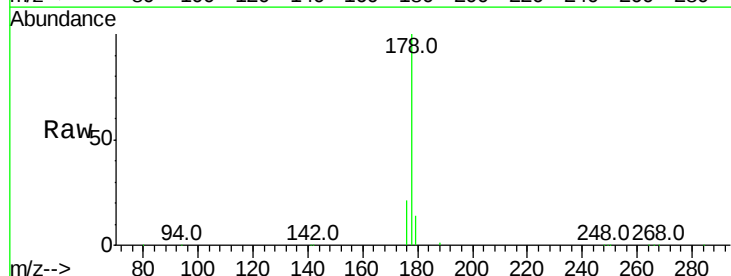
Delta R.T. 0.00 min

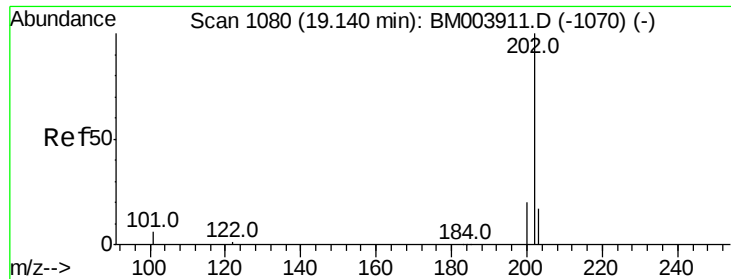
Lab File: BM003910.D

Acq: 31 Dec 2015 12:33

Tgt Ion:178 Resp: 41909

Ion	Ratio	Lower	Upper
178	100		
176	19.7	14.6	21.8
179	14.6	12.6	19.0





#25

Fluoranthene

Concen: 0.74 ng

RT: 19.14 min Scan# 1080

Delta R.T. 0.00 min

Lab File: BM003910.D

Acq: 31 Dec 2015 12:33

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

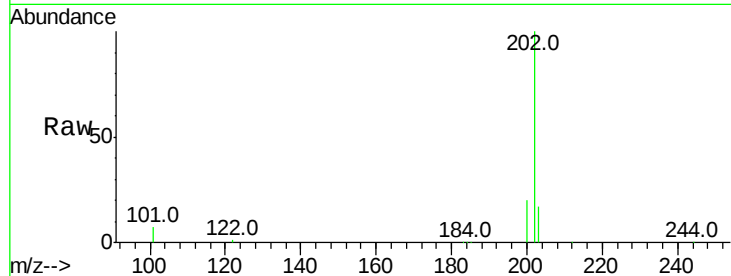
Tot Ion:202 Resp: 48770

Ion Ratio Lower Upper

202 100

101 11.5 9.7 14.5

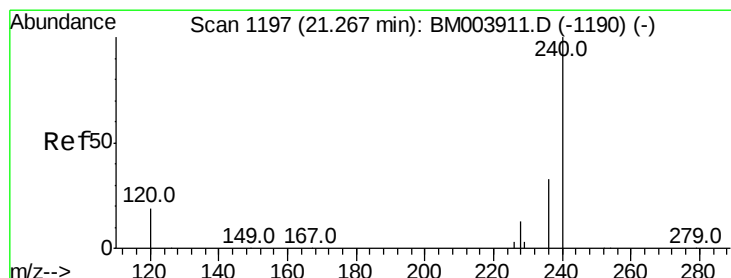
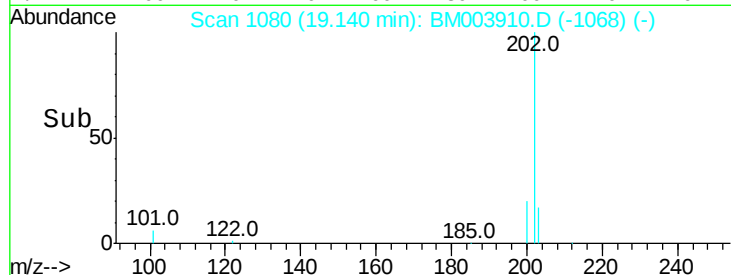
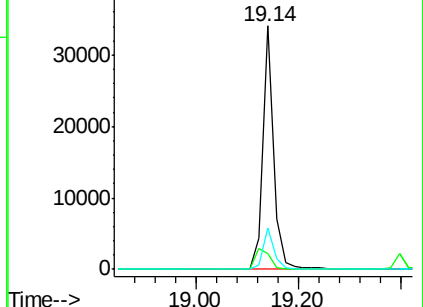
203 17.3 13.8 20.8



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: BM003910.D

Acq: 31 Dec 2015 12:33

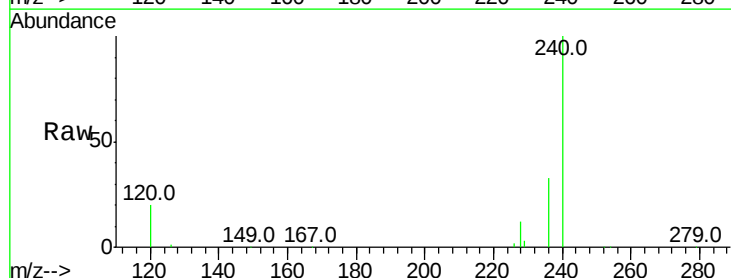
Tgt Ion:240 Resp: 187729

Ion Ratio Lower Upper

240 100

120 20.1 0.9 1.3#

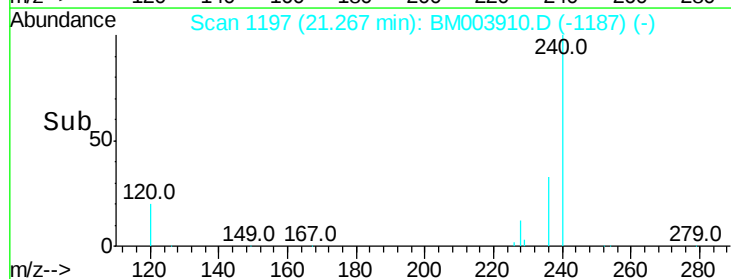
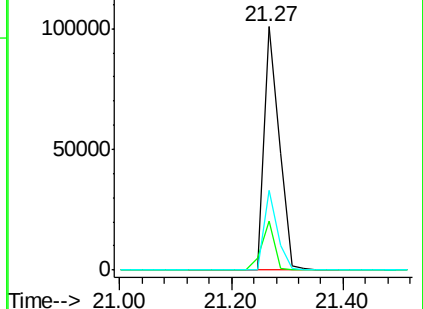
236 32.7 17.3 25.9#

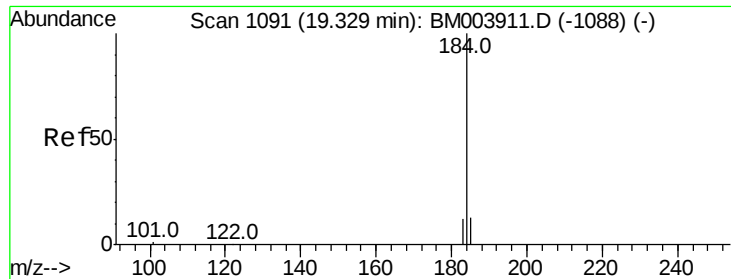


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

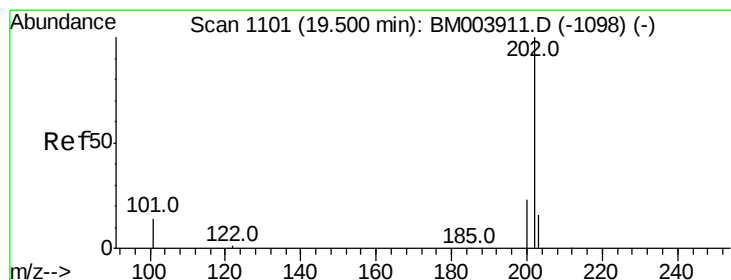
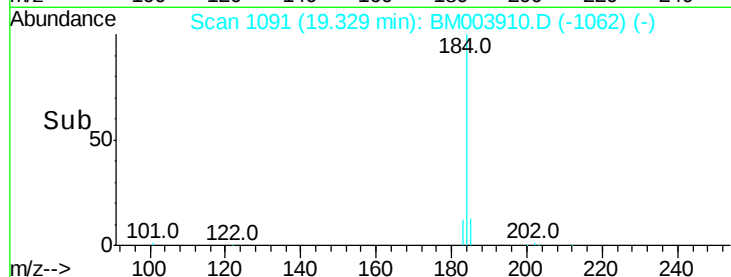
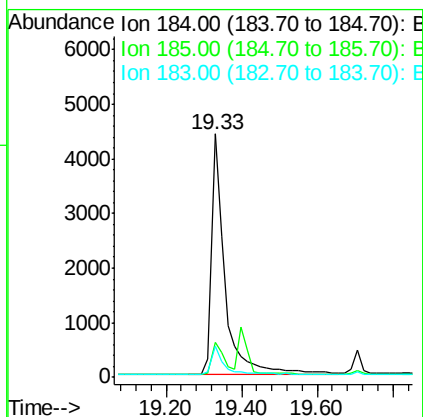
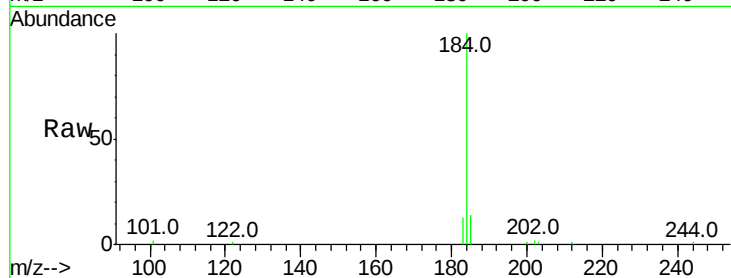




#27
Benzidine
Concen: 0.88 ng
RT: 19.33 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BM003910.D
Acq: 31 Dec 2015 12:33

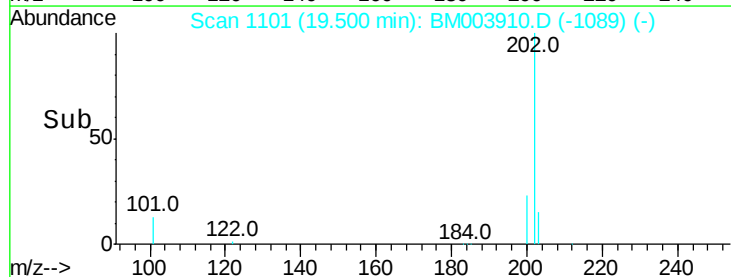
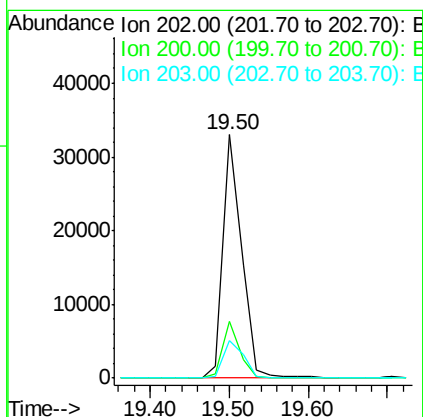
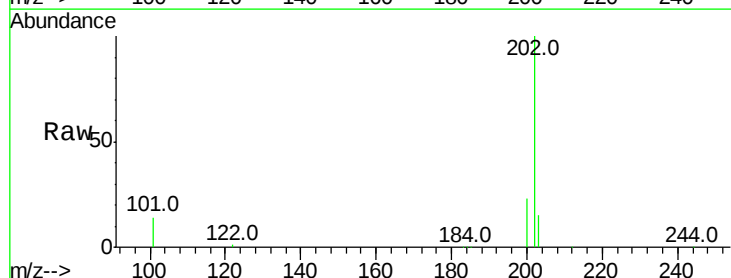
Instrument :
BNA_M
ClientSampleId :
SSTDIC0.8

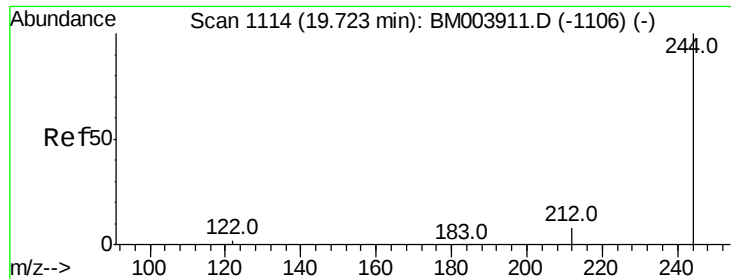
Tot Ion:184 Resp: 10633
Ion Ratio Lower Upper
184 100
185 14.4 13.2 19.8
183 12.9 9.0 13.6



#28
Pyrene
Concen: 0.80 ng
RT: 19.50 min Scan# 1101
Delta R.T. 0.00 min
Lab File: BM003910.D
Acq: 31 Dec 2015 12:33

Tgt Ion:202 Resp: 53064
Ion Ratio Lower Upper
202 100
200 21.2 16.6 24.8
203 17.1 14.0 21.0





#29

Terphenyl-d14

Concen: 0.78 ng

RT: 19.72 min Scan# 1114

Delta R.T. 0.00 min

Lab File: BM003910.D

Acq: 31 Dec 2015 12:33

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

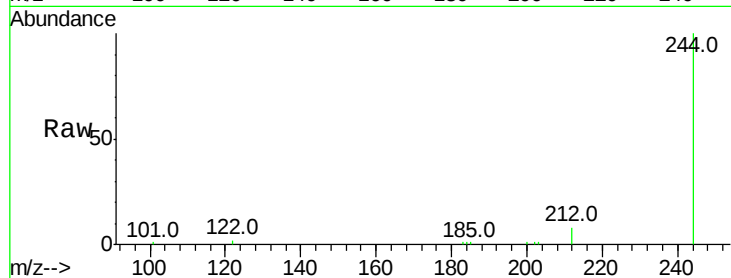
Tot Ion:244 Resp: 23479

Ion Ratio Lower Upper

244 100

212 8.2 7.0 10.6

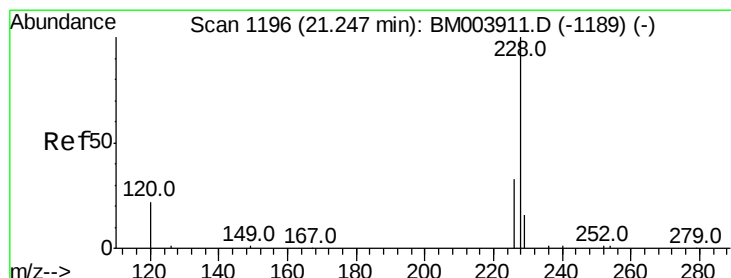
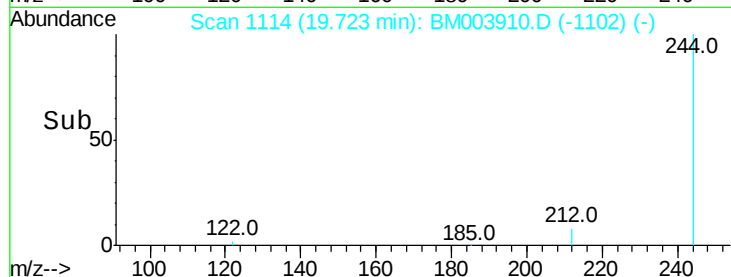
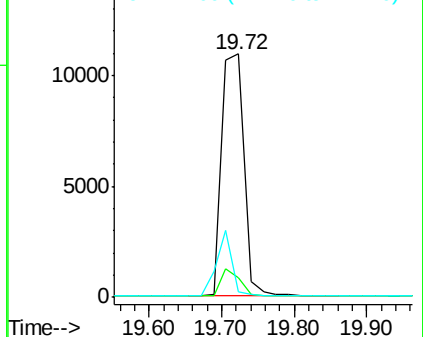
122 2.5 3.0 4.6#



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: 0.74 ng

RT: 21.25 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BM003910.D

Acq: 31 Dec 2015 12:33

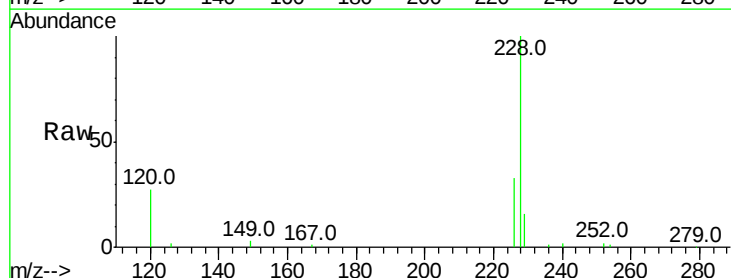
Tgt Ion:228 Resp: 39506

Ion Ratio Lower Upper

228 100

226 33.5 17.2 25.8#

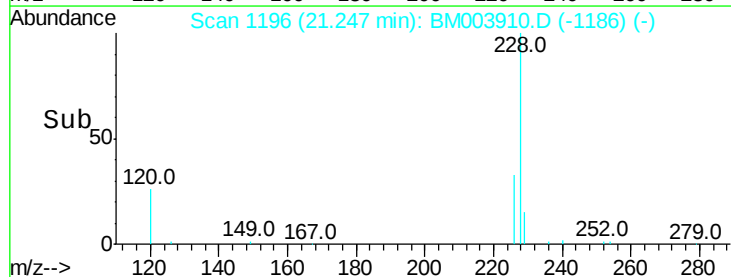
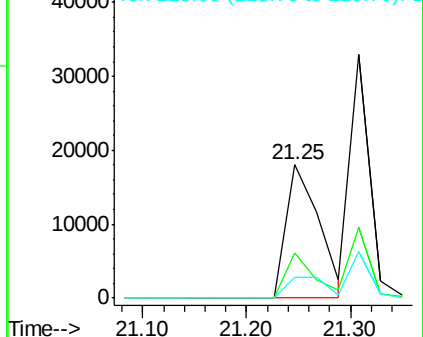
229 15.7 18.7 28.1#

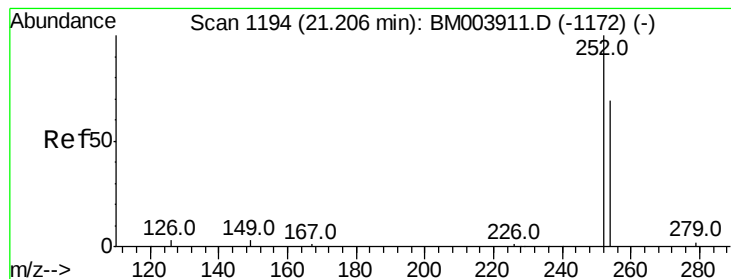


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

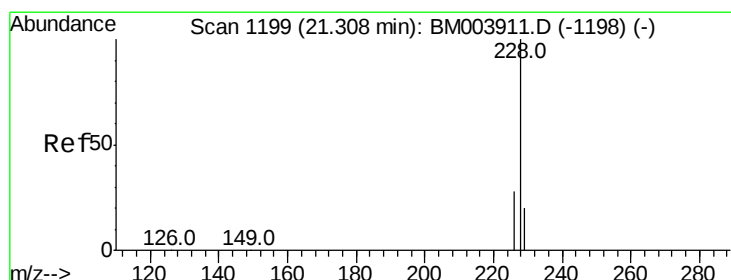
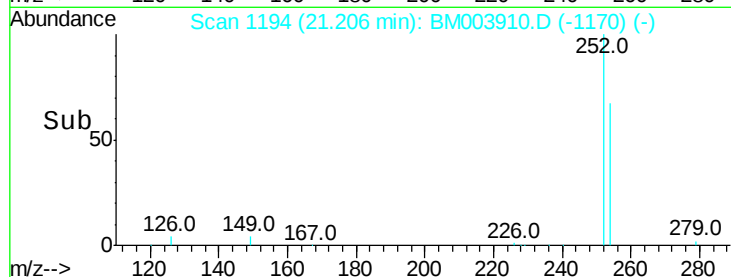
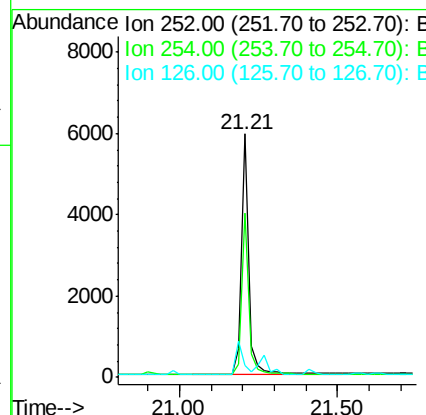
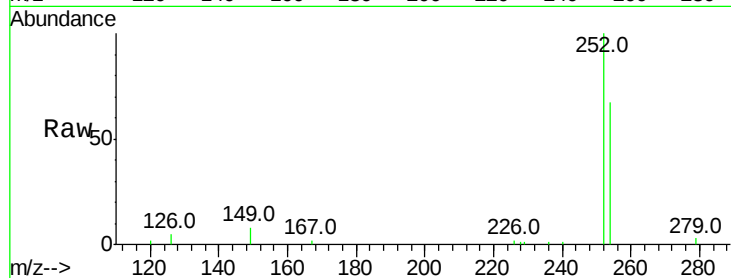




#31
 3,3'-Dichlorobenzidine
 Concen: 0.78 ng
 RT: 21.21 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BM003910.D
 Acq: 31 Dec 2015 12:33

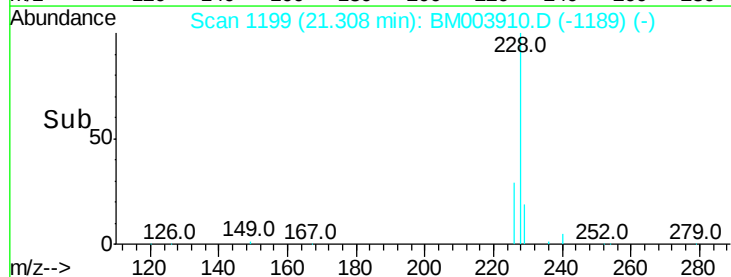
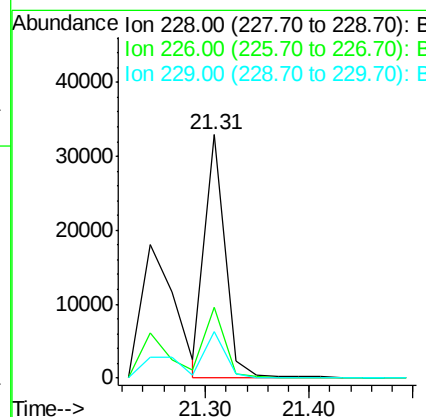
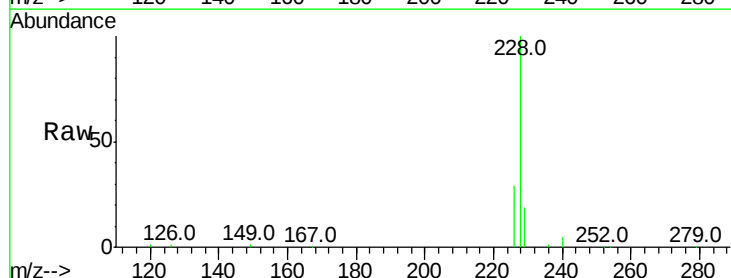
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.8

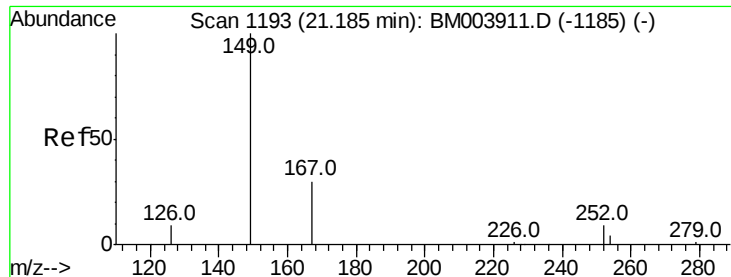
Tot Ion:252 Resp: 9828
 Ion Ratio Lower Upper
 252 100
 254 67.3 52.6 79.0
 126 5.0 3.7 5.5



#32
 Chrysene
 Concen: 0.78 ng
 RT: 21.31 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BM003910.D
 Acq: 31 Dec 2015 12:33

Tgt Ion:228 Resp: 43790
 Ion Ratio Lower Upper
 228 100
 226 29.3 25.3 37.9
 229 19.2 14.5 21.7





#33

Bis(2-ethylhexyl)phthalate

Concen: 0.75 ng

RT: 21.19 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BM003910.D

Acq: 31 Dec 2015 12:33

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

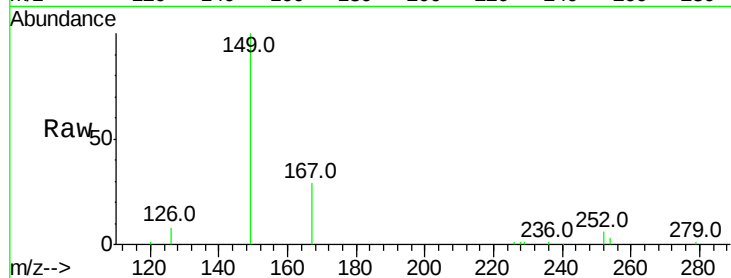
Tot Ion:149 Resp: 15696

Ion Ratio Lower Upper

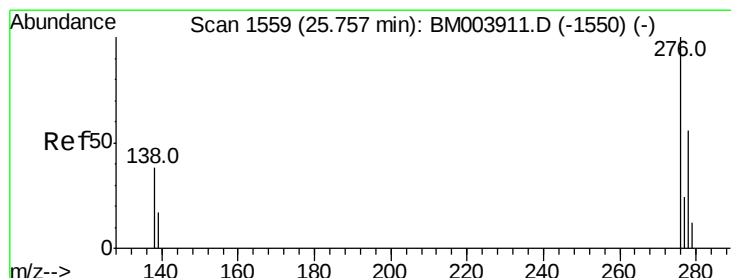
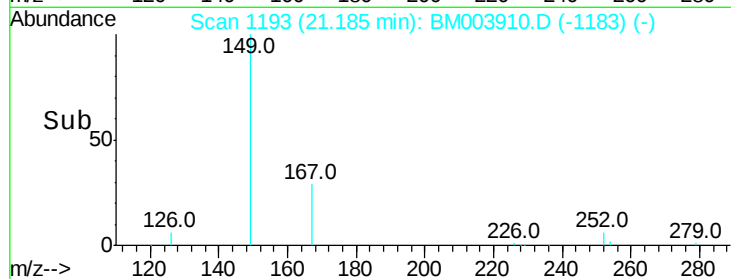
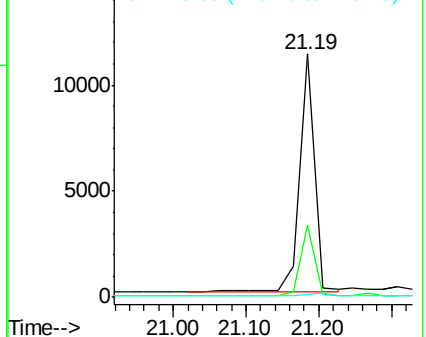
149 100

167 27.6 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: 0.74 ng

RT: 25.77 min Scan# 1561

Delta R.T. 0.01 min

Lab File: BM003910.D

Acq: 31 Dec 2015 12:33

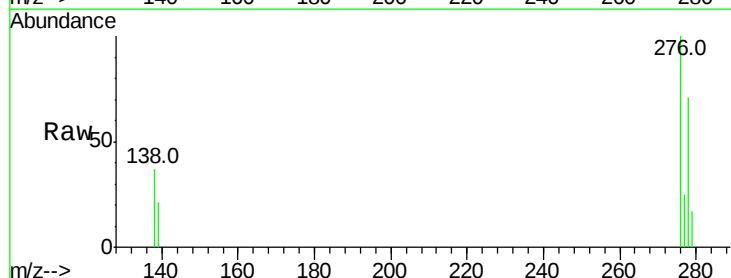
Tgt Ion:276 Resp: 28881

Ion Ratio Lower Upper

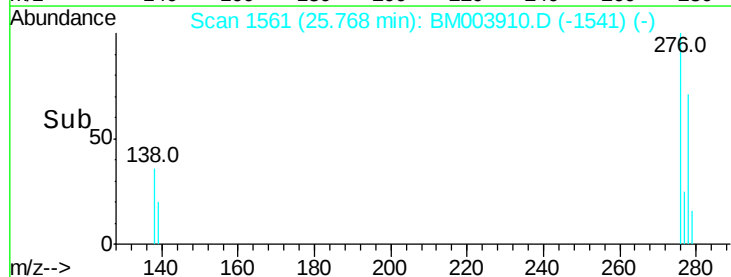
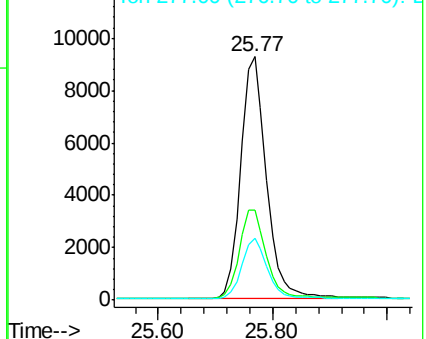
276 100

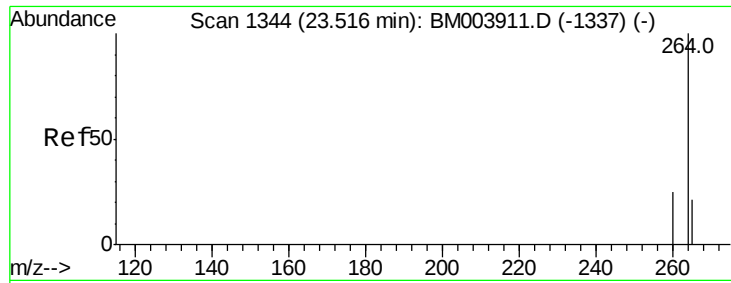
138 37.8 30.2 45.2

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

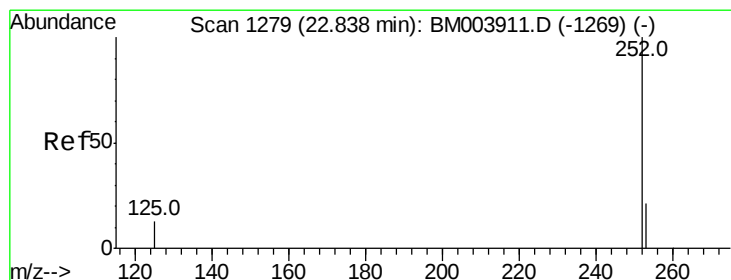
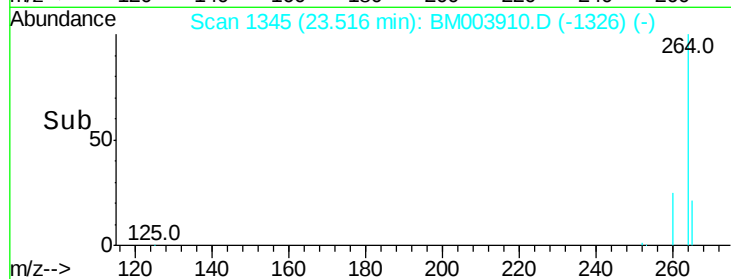
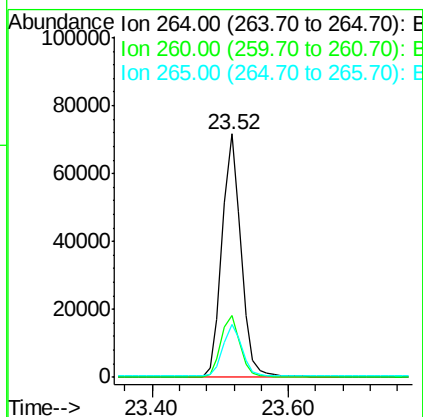
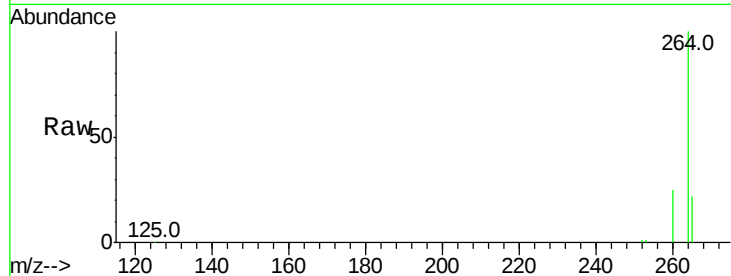




#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.52 min Scan# 1345
 Delta R.T. 0.00 min
 Lab File: BM003910.D
 Acq: 31 Dec 2015 12:33

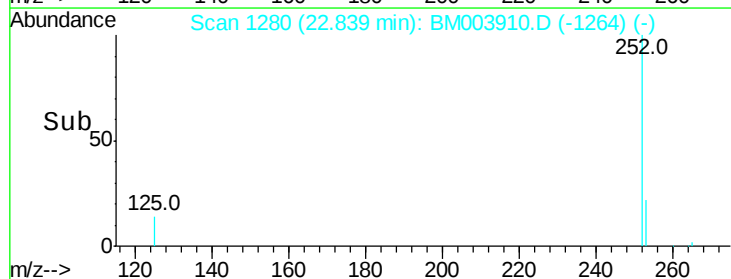
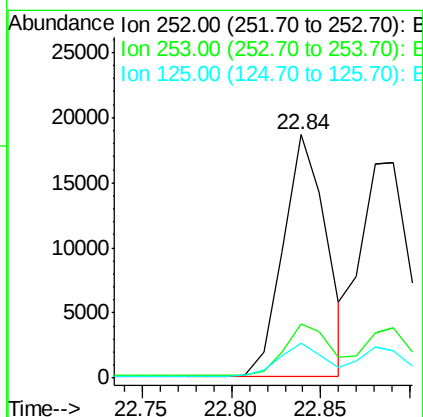
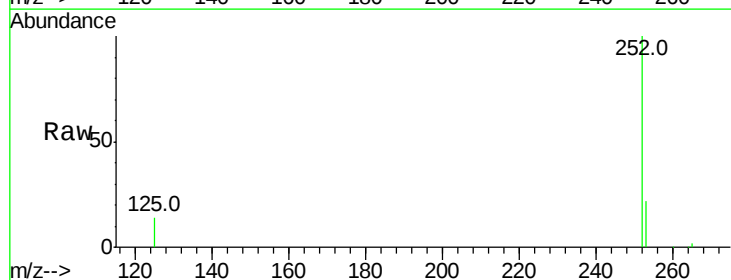
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.8

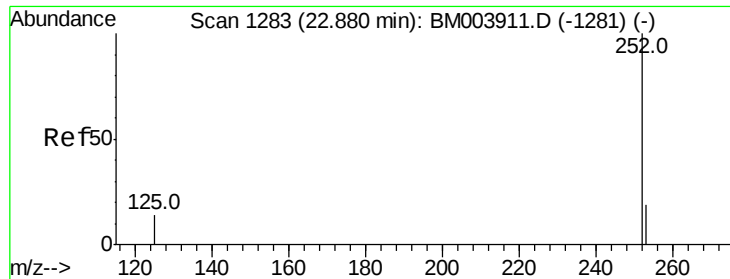
Tot Ion:264 Resp: 137991
 Ion Ratio Lower Upper
 264 100
 260 25.2 21.2 31.8
 265 21.5 16.7 25.1



#36
 Benzo(b)fluoranthene
 Concen: 0.74 ng
 RT: 22.84 min Scan# 1280
 Delta R.T. 0.00 min
 Lab File: BM003910.D
 Acq: 31 Dec 2015 12:33

Tgt Ion:252 Resp: 31345
 Ion Ratio Lower Upper
 252 100
 253 22.2 18.8 28.2
 125 14.2 10.2 15.4





#37

Benzo(k)fluoranthene

Concen: 0.78 ng

RT: 22.89 min Scan# 1285

Delta R.T. 0.01 min

Lab File: BM003910.D

Acq: 31 Dec 2015 12:33

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

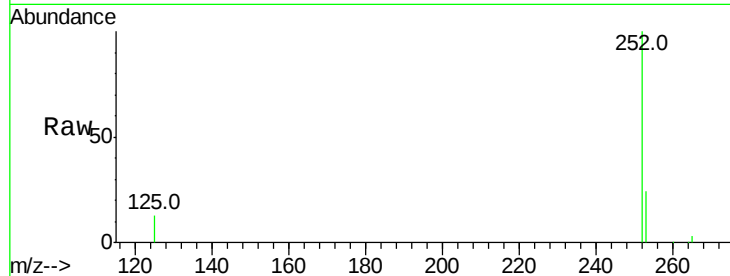
Tot Ion:252 Resp: 32196

Ion Ratio Lower Upper

252 100

253 23.7 18.3 27.5

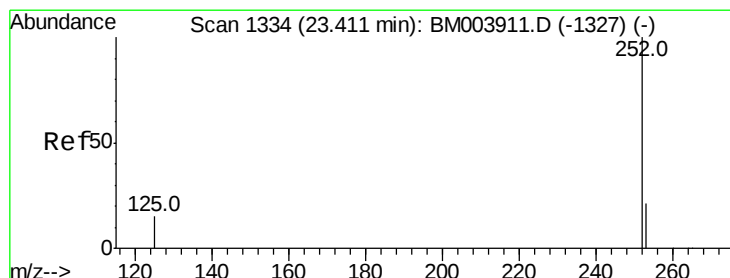
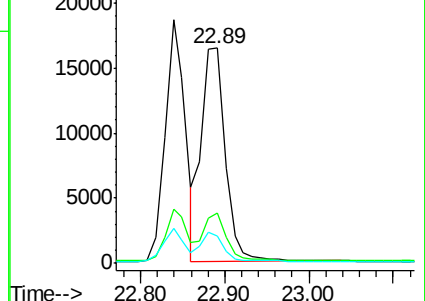
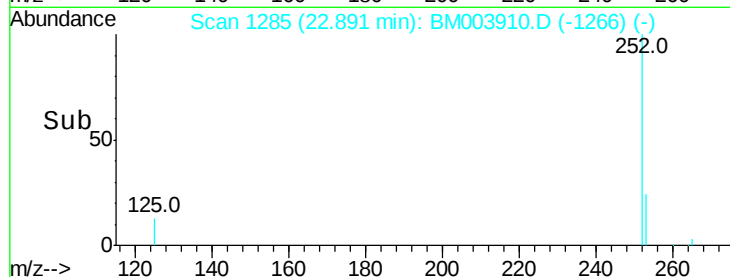
125 13.0 10.6 15.8



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: 0.76 ng

RT: 23.41 min Scan# 1335

Delta R.T. 0.00 min

Lab File: BM003910.D

Acq: 31 Dec 2015 12:33

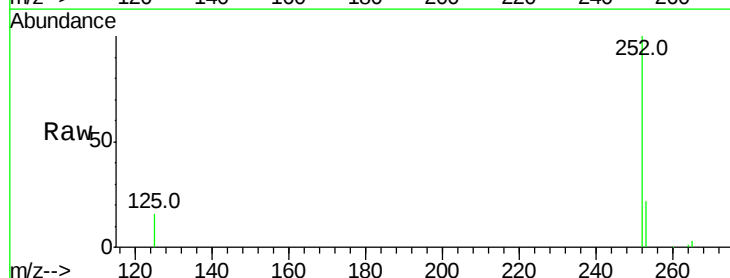
Tgt Ion:252 Resp: 27042

Ion Ratio Lower Upper

252 100

253 22.4 18.7 28.1

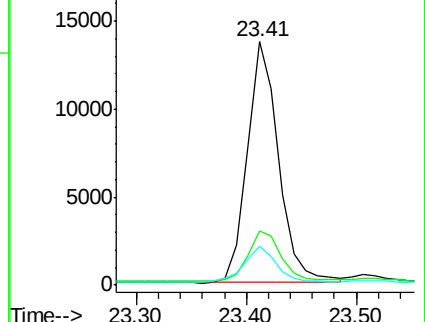
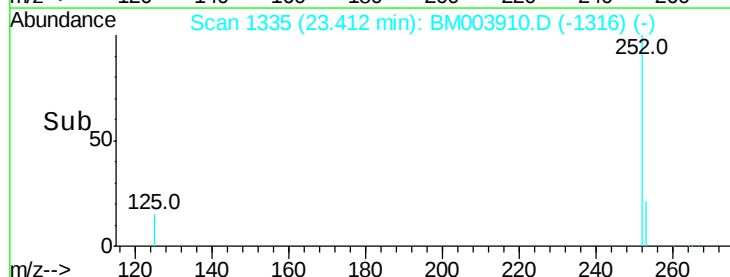
125 15.7 11.8 17.8

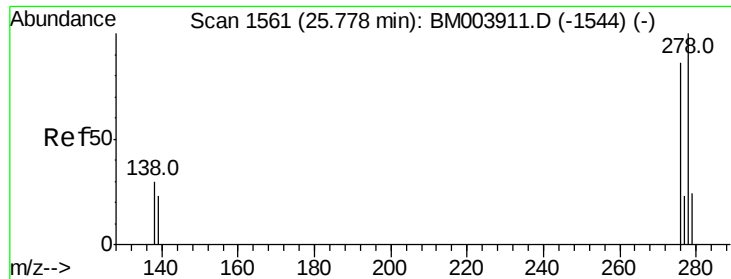


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 0.75 ng

RT: 25.78 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BM003910.D

Acq: 31 Dec 2015 12:33

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

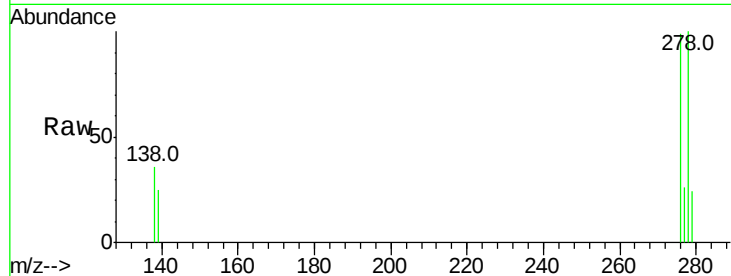
Tot Ion:278 Resp: 23028

Ion Ratio Lower Upper

278 100

139 25.3 19.0 28.6

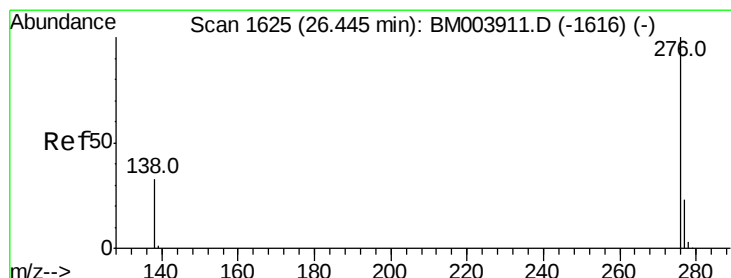
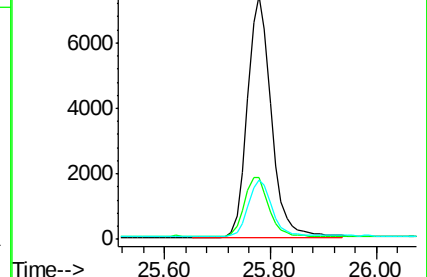
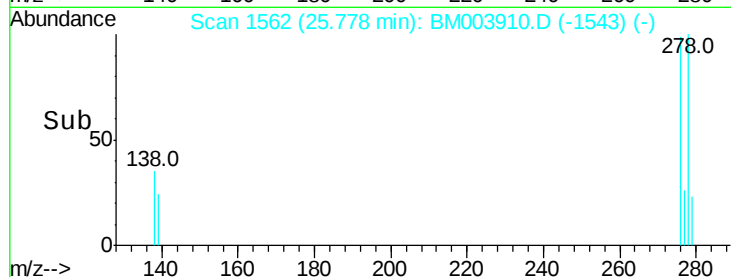
279 24.5 19.6 29.4



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: 0.75 ng

RT: 26.46 min Scan# 1627

Delta R.T. 0.01 min

Lab File: BM003910.D

Acq: 31 Dec 2015 12:33

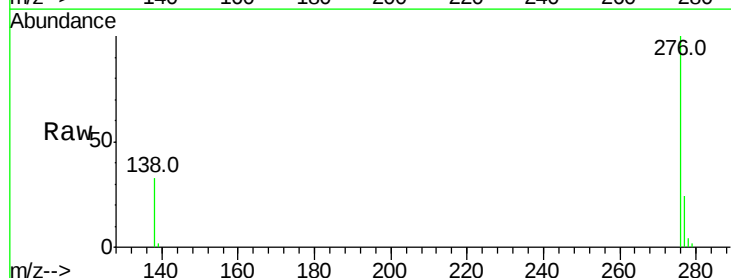
Tgt Ion:276 Resp: 24404

Ion Ratio Lower Upper

276 100

277 24.1 19.1 28.7

138 32.7 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

