

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM010216\
 Data File : BM003922.D
 Acq On : 31 Dec 2015 19:52
 Operator : SJ/UM
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC001EC

Quant Time: Jan 02 05:12:38 2016
 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 15:37:36 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	58350	5.00	ng	0.00
7) Naphthalene-d8	10.46	136	246253	5.00	ng	0.00
13) Acenaphthene-d10	14.33	164	123681	5.00	ng	0.00
19) Phenanthrene-d10	17.06	188	315202	5.00	ng	0.00
26) Chrysene-d12	21.27	240	194664	5.00	ng	0.00
35) Perylene-d12	23.51	264	141264	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.27	112	10632	0.89	ng	0.00
5) Phenol-d6	6.85	99	13556	0.93	ng	0.00
8) Nitrobenzene-d5	8.84	82	11272	0.93	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	2470	0.88	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	40035	1.00	ng	0.00
29) Terphenyl-d14	19.71	244	28883	0.92	ng	-0.02

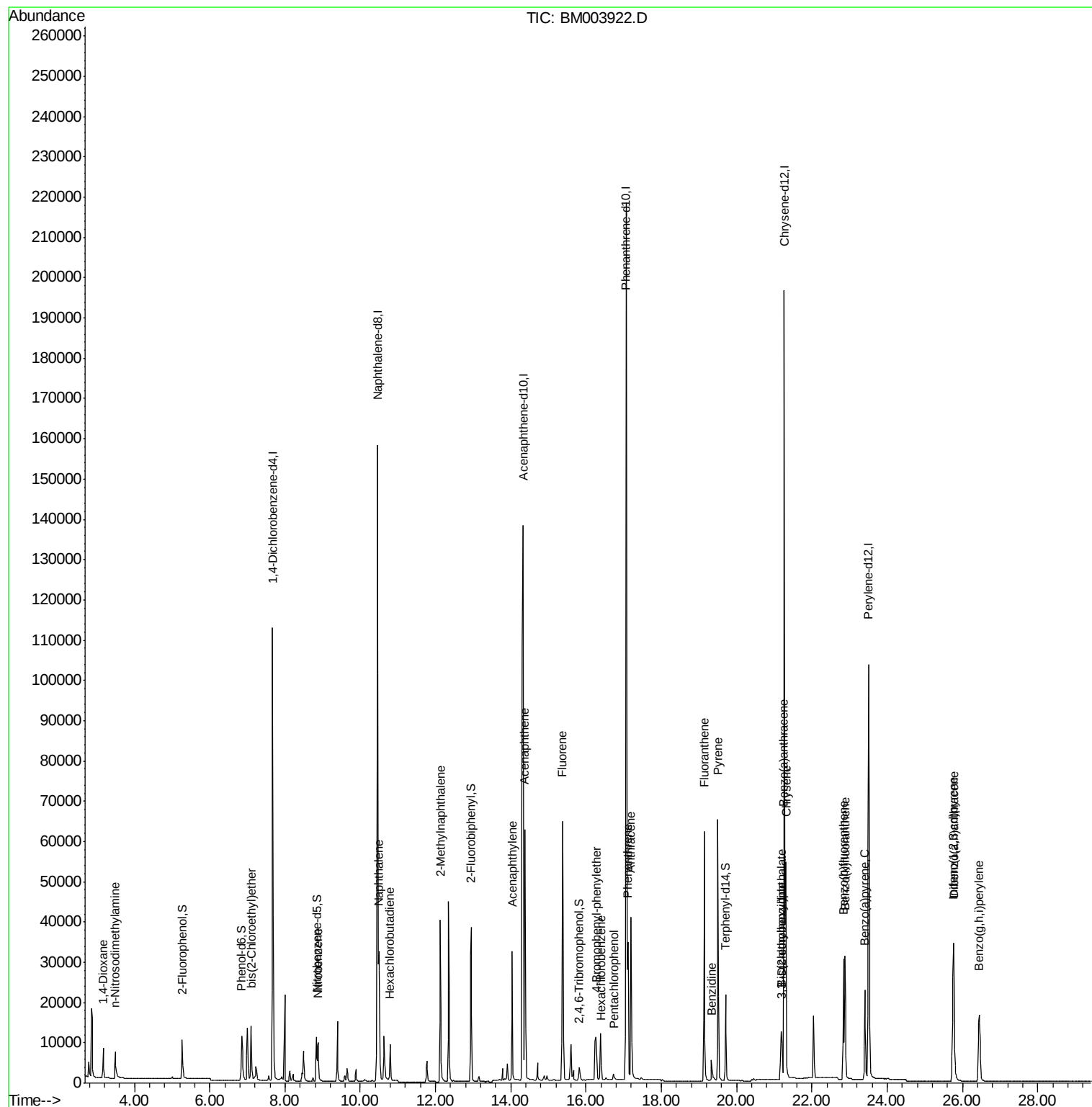
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.17	88	5253	1.02	ng	97
3) n-Nitrosodimethylamine	3.49	42	5870	0.97	ng	96
6) bis(2-Chloroethyl)ether	7.11	93	13262	0.99	ng	99
9) Nitrobenzene	8.88	77	12094	0.92	ng	99
10) Naphthalene	10.49	128	53313	0.99	ng	99
11) Hexachlorobutadiene	10.79	225	7924	0.96	ng	100
12) 2-Methylnaphthalene	12.13	142	35243	0.97	ng	97
16) Acenaphthylene	14.04	152	50335	0.98	ng	99
17) Acenaphthene	14.37	154	35200	0.98	ng	93
18) Fluorene	15.37	166	43614	1.02	ng	98
20) 4-Bromophenyl-phenylether	16.27	248	8703	0.89	ng	# 56
21) Hexachlorobenzene	16.40	284	9359	0.90	ng	# 48
22) Pentachlorophenol	16.73	266	1702	0.79	ng	# 79
23) Phenanthrene	17.11	178	58491	0.95	ng	99
24) Anthracene	17.19	178	57364	0.90	ng	97
25) Fluoranthene	19.14	202	62495	0.89	ng	99
27) Benzidine	19.33	184	9963	0.73	ng	95
28) Pyrene	19.50	202	65289	0.93	ng	100
30) Benzo(a)anthracene	21.25	228	54928	0.99	ng	# 85
31) 3,3'-Dichlorobenzidine	21.21	252	10062	0.79	ng	91
32) Chrysene	21.31	228	45791	0.80	ng	92
33) Bis(2-ethylhexyl)phthalate	21.19	149	12123	0.69	ng	# 95
34) Indeno(1,2,3-cd)pyrene	25.76	276	40163	0.98	ng	100
36) Benzo(b)fluoranthene	22.84	252	41369	0.96	ng	99
37) Benzo(k)fluoranthene	22.88	252	37548	0.90	ng	99
38) Benzo(a)pyrene	23.41	252	33670	0.92	ng	100
39) Dibenzo(a,h)anthracene	25.77	278	32078	1.02	ng	97
40) Benzo(g,h,i)perylene	26.45	276	33999	1.02	ng	98

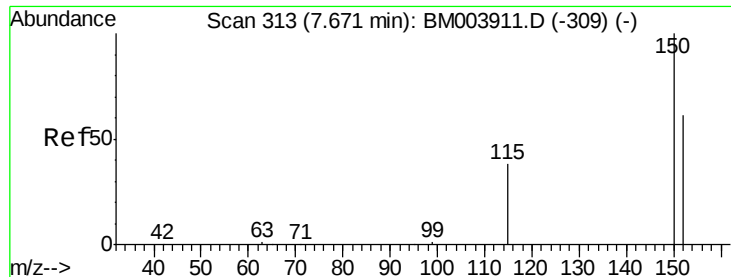
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 31 15:37:36 2015
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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: BM003922.D

Acq: 31 Dec 2015 19:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC001EC

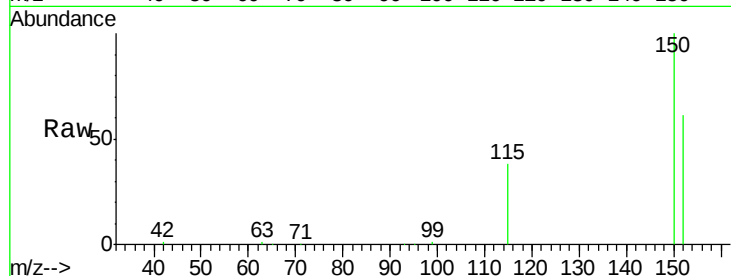
Tgt Ion:152 Resp: 58350

Ion Ratio Lower Upper

152 100

150 162.7 122.9 184.3

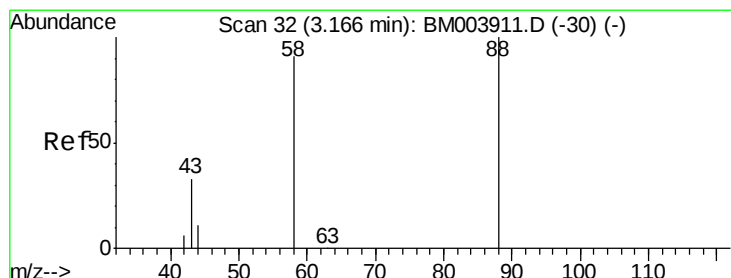
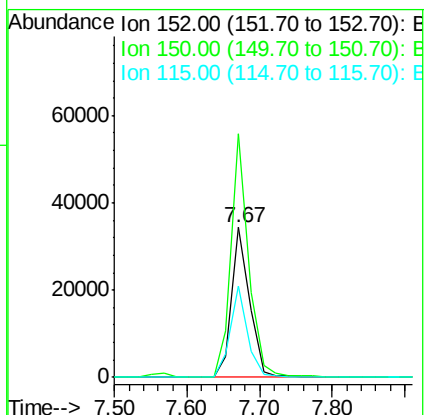
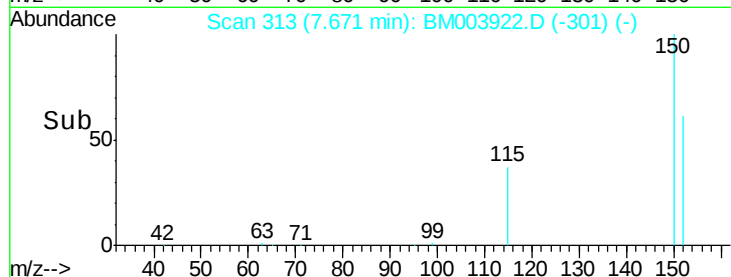
115 61.1 44.4 66.6



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: 1.02 ng

RT: 3.17 min Scan# 32

Delta R.T. 0.00 min

Lab File: BM003922.D

Acq: 31 Dec 2015 19:52

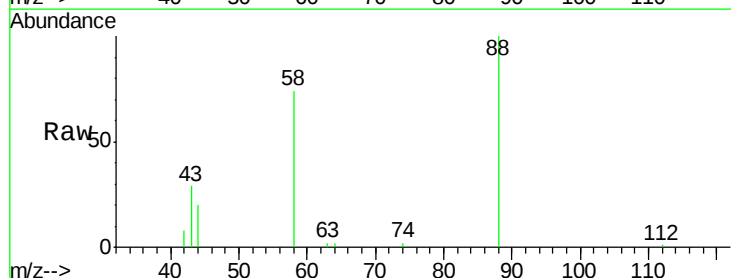
Tgt Ion: 88 Resp: 5253

Ion Ratio Lower Upper

88 100

58 70.0 53.8 80.6

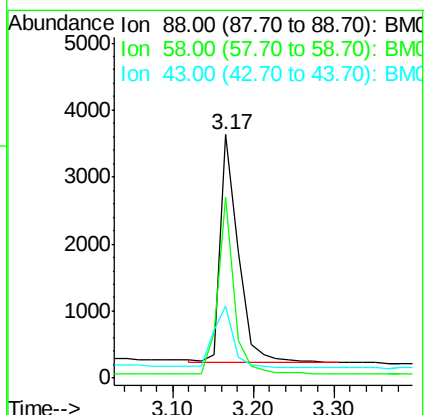
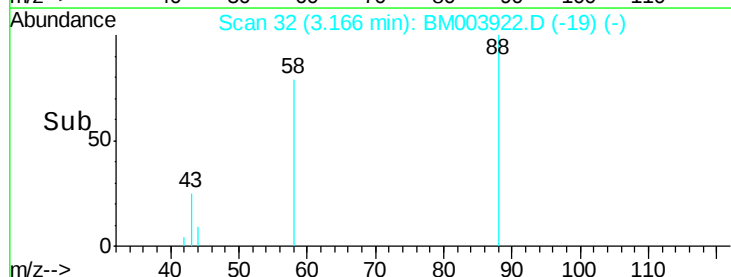
43 31.0 23.8 35.6

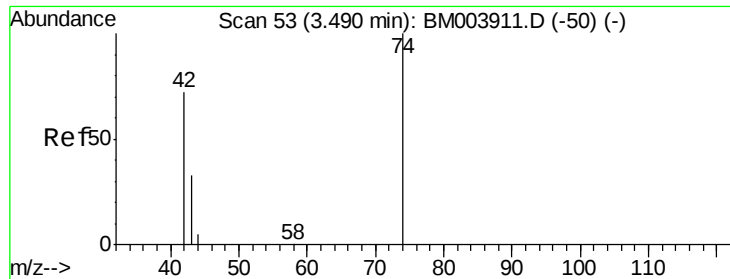


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 0.97 ng

RT: 3.49 min Scan# 53

Delta R.T. 0.00 min

Lab File: BM003922.D

Acq: 31 Dec 2015 19:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC001EC

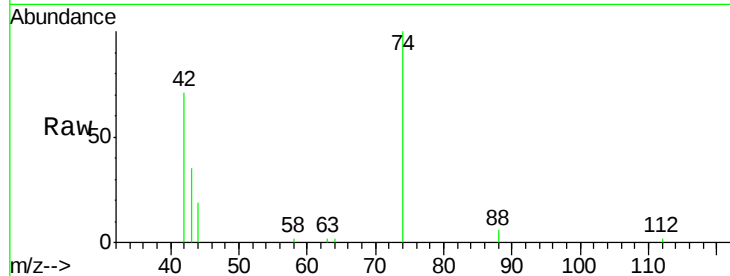
Tgt Ion: 42 Resp: 5870

Ion Ratio Lower Upper

42 100

74 114.7 95.0 142.4

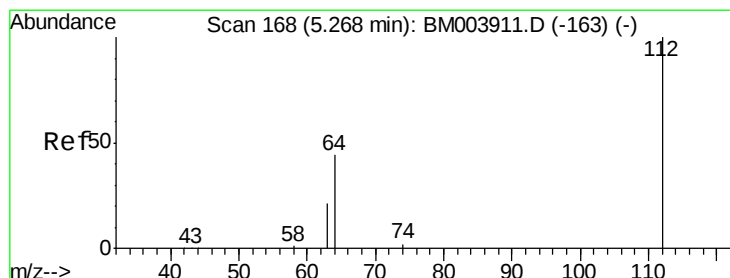
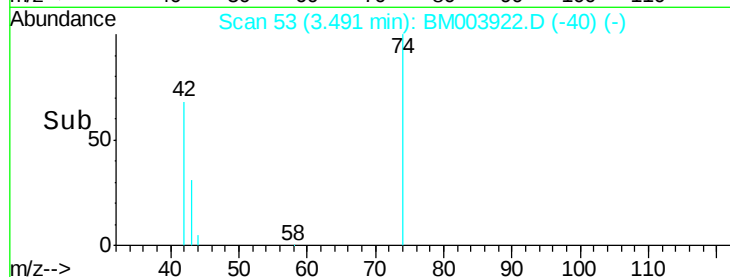
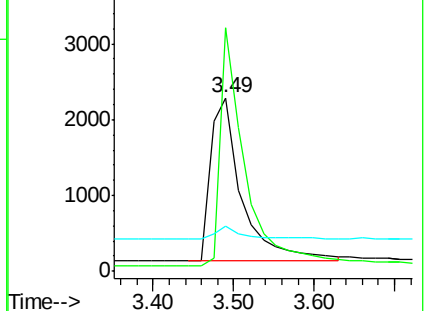
44 7.3 5.1 7.7



Abundance Ion 42.00 (41.70 to 42.70): BM003922.D (-40) (-)

Ion 74.00 (73.70 to 74.70): BM003922.D (-40) (-)

Ion 44.00 (43.70 to 44.70): BM003922.D (-40) (-)



#4

2-Fluorophenol

Concen: 0.89 ng

RT: 5.27 min Scan# 168

Delta R.T. 0.00 min

Lab File: BM003922.D

Acq: 31 Dec 2015 19:52

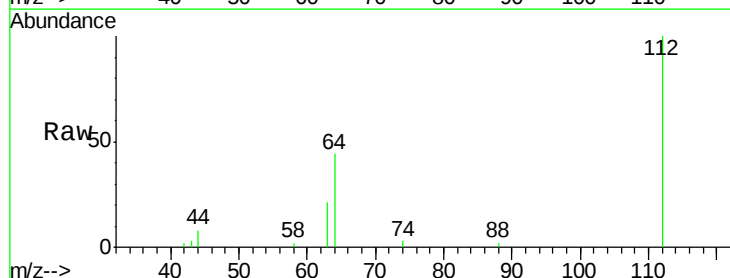
Tgt Ion: 112 Resp: 10632

Ion Ratio Lower Upper

112 100

64 52.7 41.8 62.8

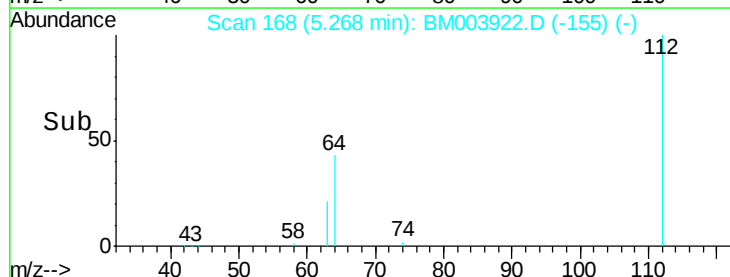
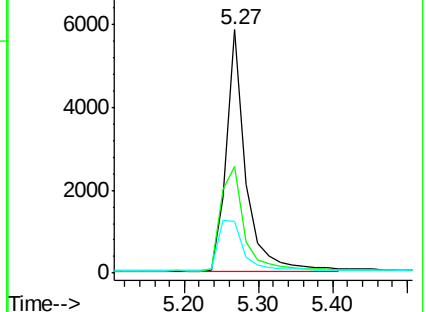
63 28.1 22.1 33.1

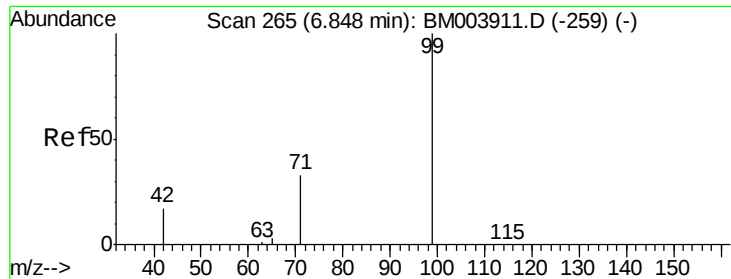


Abundance Ion 112.00 (111.70 to 112.70): BM003922.D (-155) (-)

Ion 64.00 (63.70 to 64.70): BM003922.D (-155) (-)

Ion 63.00 (62.70 to 63.70): BM003922.D (-155) (-)





#5

Phenol-d6

Concen: 0.93 ng

RT: 6.85 min Scan# 265

Delta R.T. 0.00 min

Lab File: BM003922.D

Acq: 31 Dec 2015 19:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC001EC

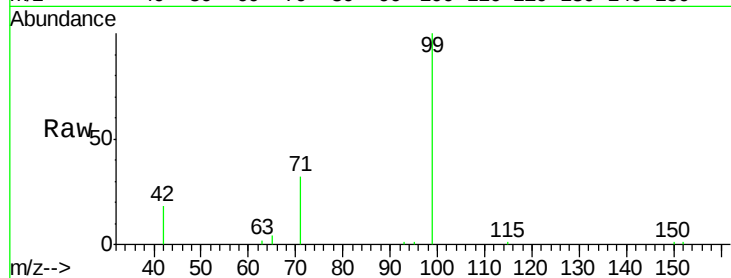
Tgt Ion: 99 Resp: 13556

Ion Ratio Lower Upper

99 100

42 20.1 16.2 24.2

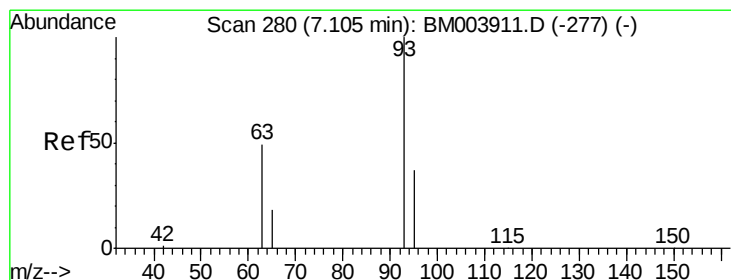
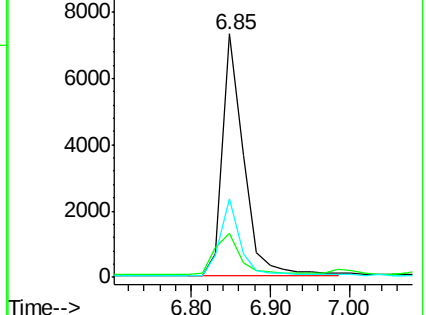
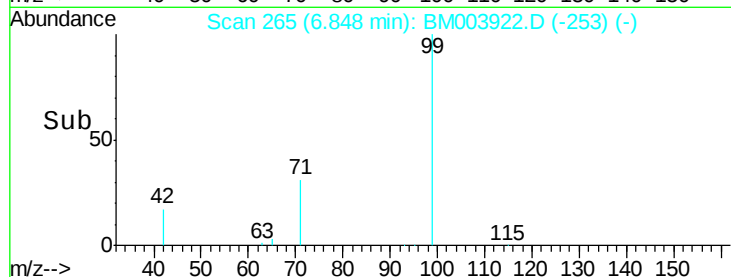
71 30.5 24.4 36.6



Abundance Ion 99.00 (98.70 to 99.70): BM003922.D (-253) (-)

Ion 42.00 (41.70 to 42.70): BM003922.D (-253) (-)

Ion 71.00 (70.70 to 71.70): BM003922.D (-253) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.99 ng

RT: 7.11 min Scan# 280

Delta R.T. 0.00 min

Lab File: BM003922.D

Acq: 31 Dec 2015 19:52

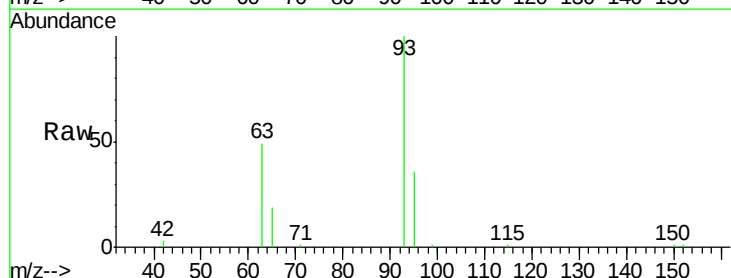
Tgt Ion: 93 Resp: 13262

Ion Ratio Lower Upper

93 100

63 73.7 58.3 87.5

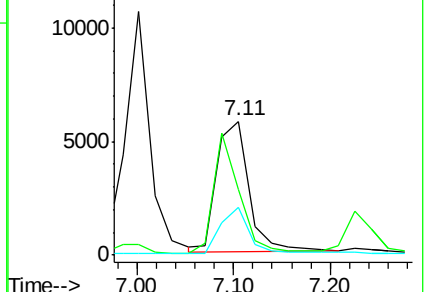
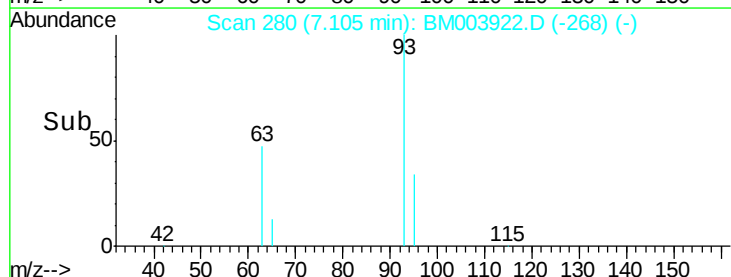
95 32.4 25.8 38.8

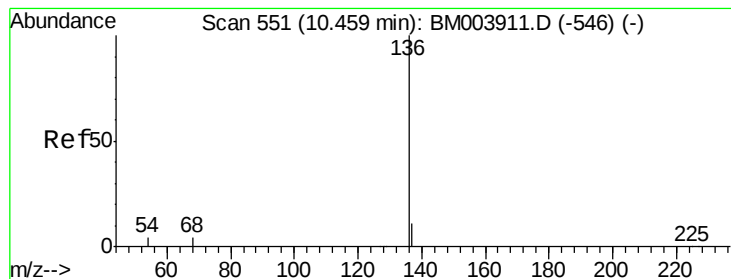


Abundance Ion 93.00 (92.70 to 93.70): BM003922.D (-268) (-)

Ion 63.00 (62.70 to 63.70): BM003922.D (-268) (-)

Ion 95.00 (94.70 to 95.70): BM003922.D (-268) (-)





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.46 min Scan# 551

Delta R.T. 0.00 min

Lab File: BM003922.D

Acq: 31 Dec 2015 19:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC001EC

Tgt Ion: 136 Resp: 246253

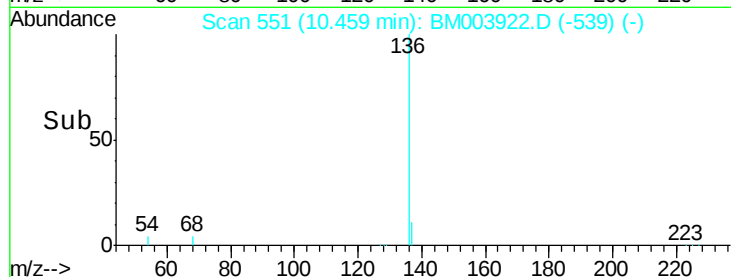
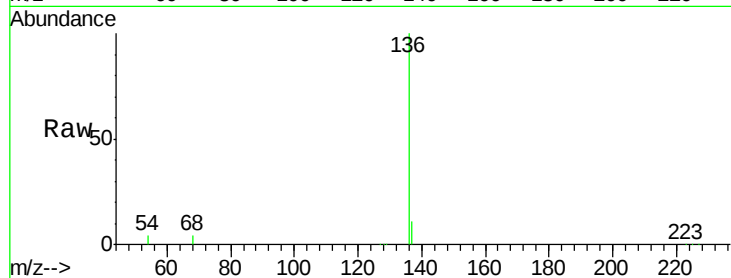
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 4.2 2.8 4.2#

68 3.6 2.5 3.7

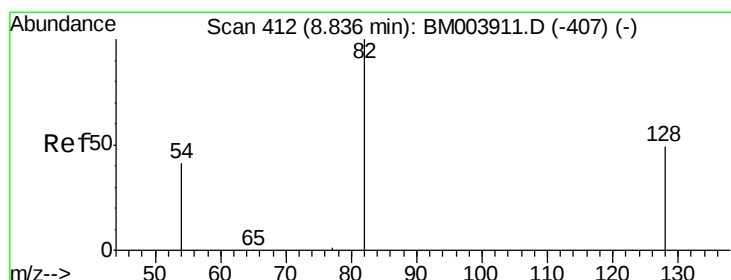
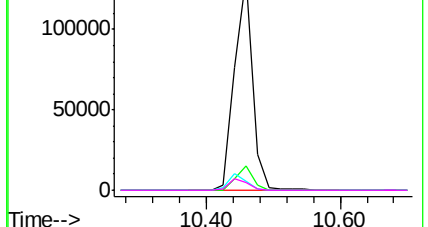


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.93 ng

RT: 8.84 min Scan# 412

Delta R.T. 0.00 min

Lab File: BM003922.D

Acq: 31 Dec 2015 19:52

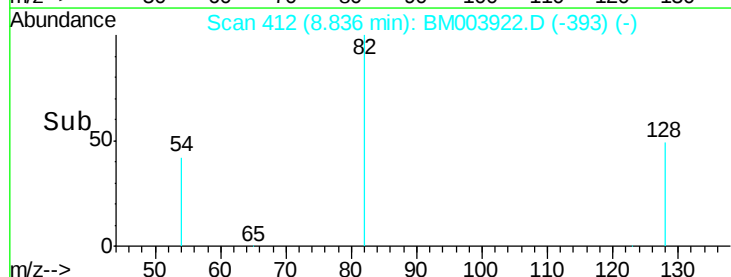
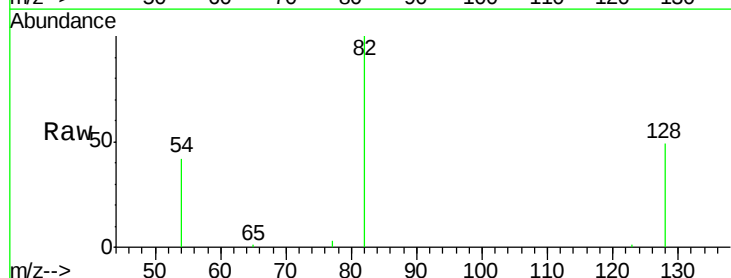
Tgt Ion: 82 Resp: 11272

Ion Ratio Lower Upper

82 100

128 49.3 39.1 58.7

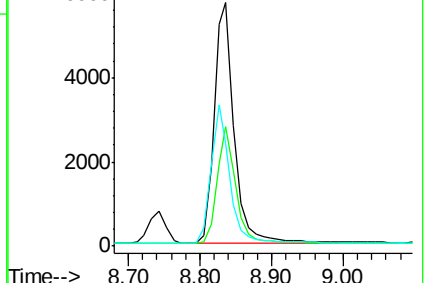
54 42.3 34.8 52.2

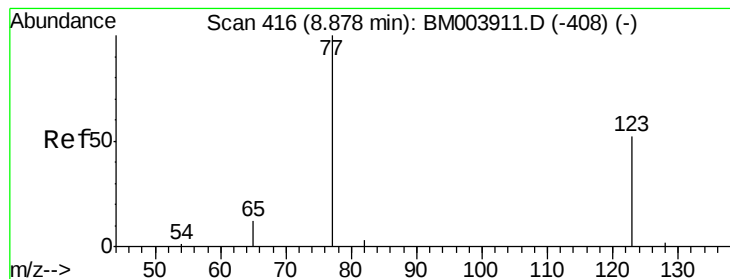


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#9

Nitrobenzene

Concen: 0.92 ng

RT: 8.88 min Scan# 416

Delta R.T. 0.00 min

Lab File: BM003922.D

Acq: 31 Dec 2015 19:52

Instrument :

BNA_G

ClientSampleId :

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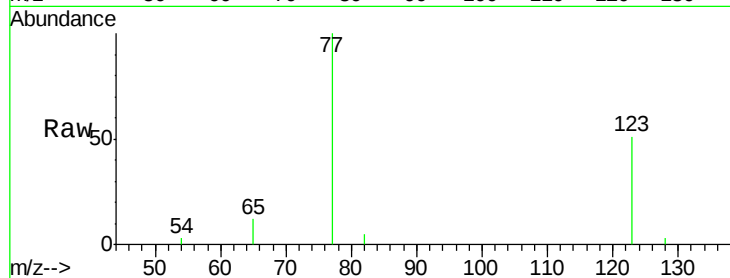
Tgt Ion: 77 Resp: 12094

Ion Ratio Lower Upper

77 100

123 47.5 38.6 57.8

65 12.5 9.9 14.9

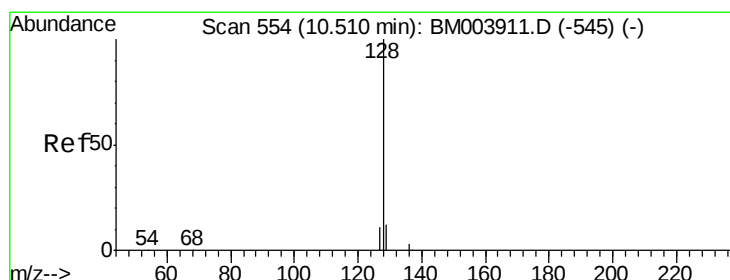
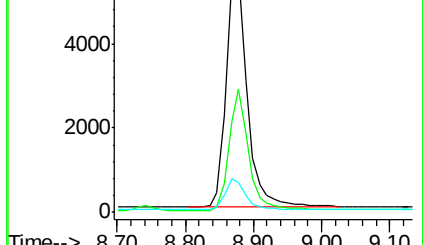
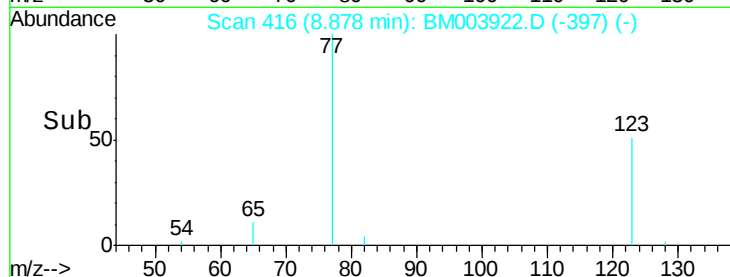


Abundance Ion 77.00 (76.70 to 77.70): BM003922.D (-397) (-)

Ion 123.00 (122.70 to 123.70): BM003922.D (-397) (-)

Ion 65.00 (64.70 to 65.70): BM003922.D (-397) (-)

Time--> 8.70 8.80 8.90 9.00 9.10



#10

Naphthalene

Concen: 0.99 ng

RT: 10.49 min Scan# 553

Delta R.T. -0.02 min

Lab File: BM003922.D

Acq: 31 Dec 2015 19:52

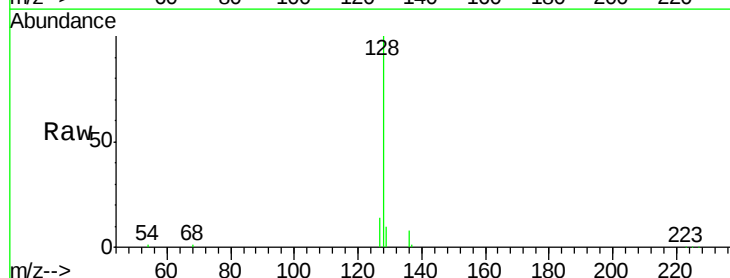
Tgt Ion: 128 Resp: 53313

Ion Ratio Lower Upper

128 100

129 10.3 8.5 12.7

127 14.0 11.0 16.4

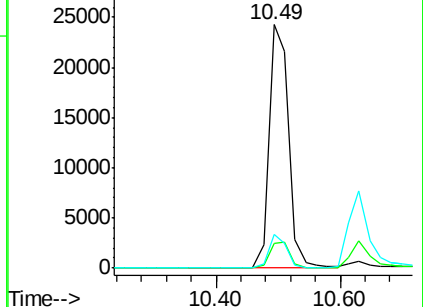
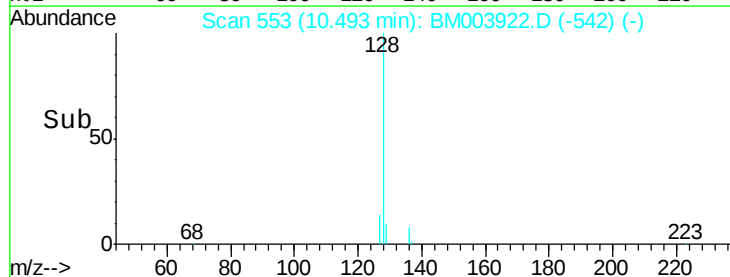


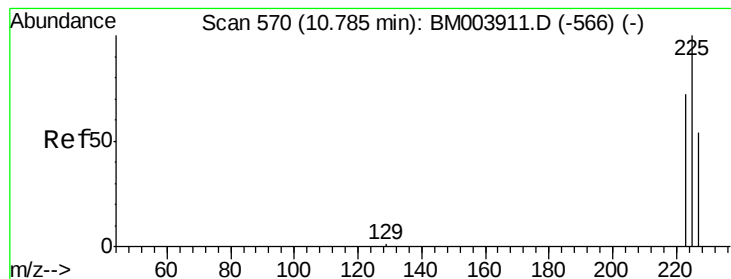
Abundance Ion 128.00 (127.70 to 128.70): BM003922.D (-542) (-)

Ion 129.00 (128.70 to 129.70): BM003922.D (-542) (-)

Ion 127.00 (126.70 to 127.70): BM003922.D (-542) (-)

Time--> 10.40 10.50 10.60





#11

Hexachlorobutadiene

Concen: 0.96 ng

RT: 10.79 min Scan# 570

Delta R.T. 0.00 min

Lab File: BM003922.D

Acq: 31 Dec 2015 19:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC001EC

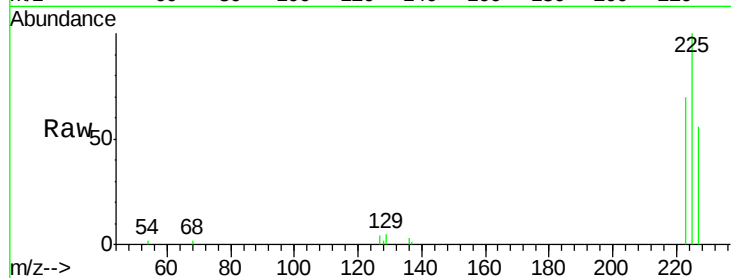
Tgt Ion:225 Resp: 7924

Ion Ratio Lower Upper

225 100

223 63.1 50.9 76.3

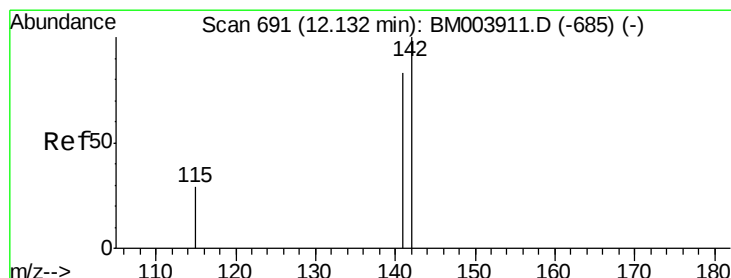
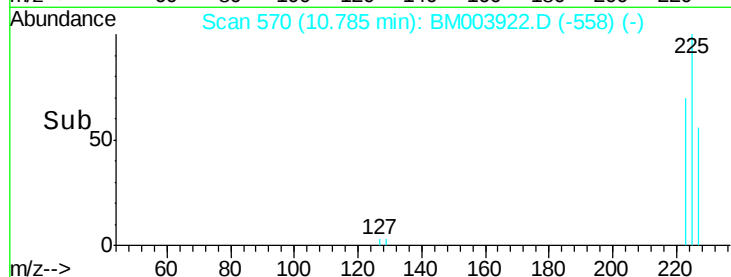
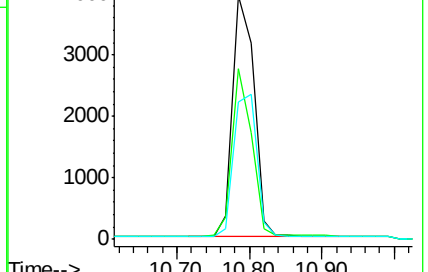
227 63.7 51.2 76.8



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: 0.97 ng

RT: 12.13 min Scan# 691

Delta R.T. 0.00 min

Lab File: BM003922.D

Acq: 31 Dec 2015 19:52

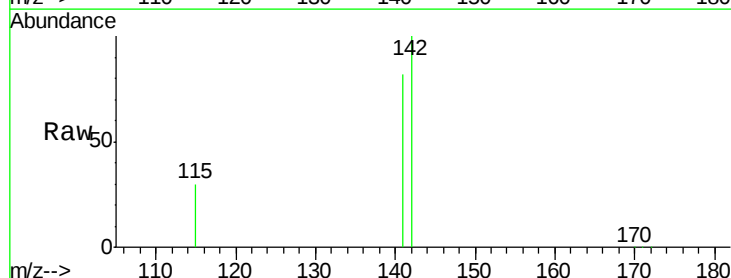
Tgt Ion:142 Resp: 35243

Ion Ratio Lower Upper

142 100

141 82.0 67.8 101.8

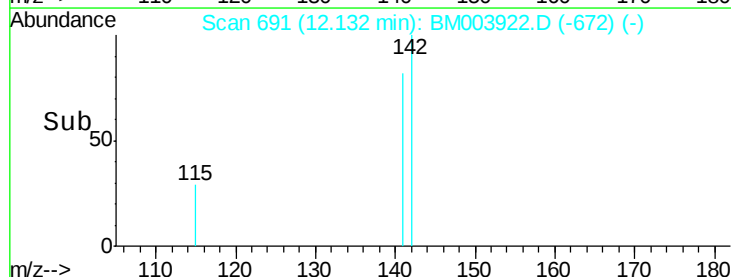
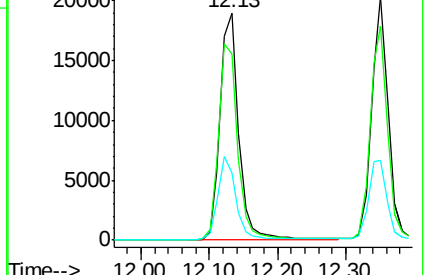
115 29.6 25.3 37.9

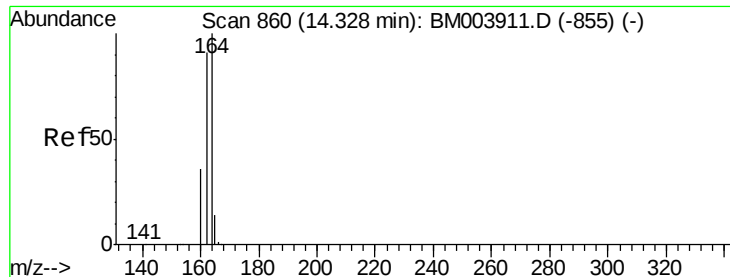


Abundance Ion 142.00 (141.70 to 142.70): E

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: BM003922.D

Acq: 31 Dec 2015 19:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC001EC

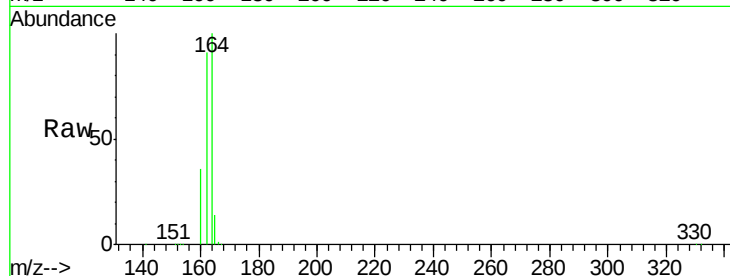
Tgt Ion:164 Resp: 123681

Ion Ratio Lower Upper

164 100

162 90.8 86.0 129.0

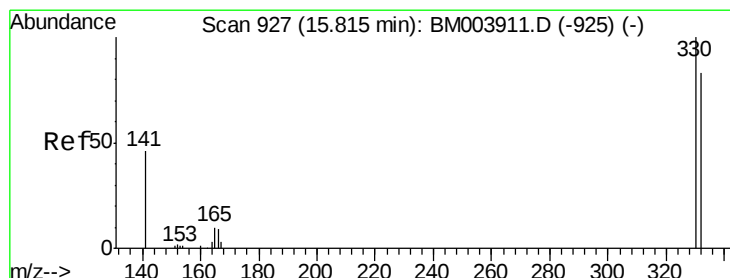
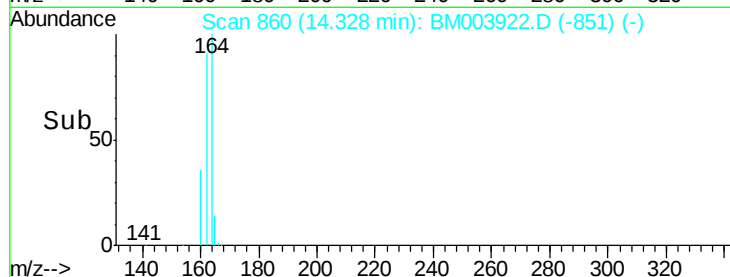
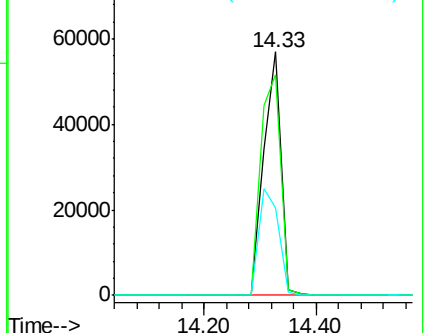
160 36.2 40.3 60.5#



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.88 ng

RT: 15.82 min Scan# 927

Delta R.T. 0.00 min

Lab File: BM003922.D

Acq: 31 Dec 2015 19:52

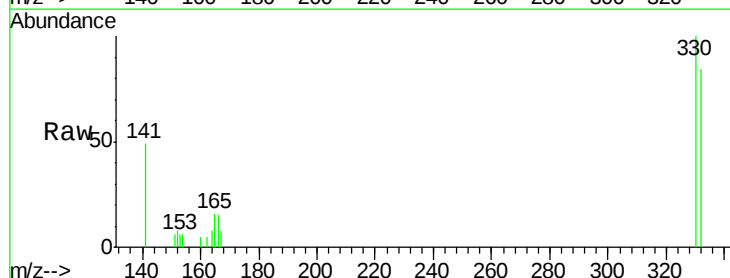
Tgt Ion:330 Resp: 2470

Ion Ratio Lower Upper

330 100

332 94.1 79.0 118.4

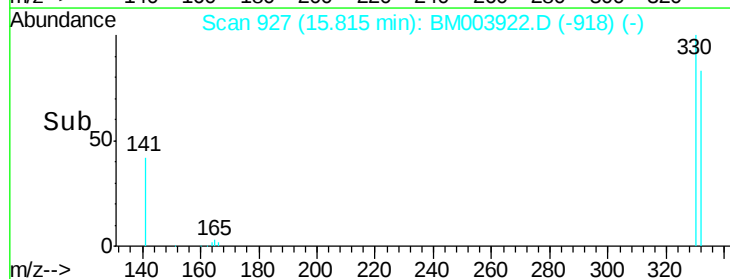
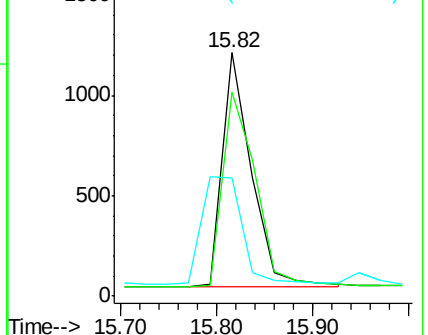
141 0.0 0.0 0.0

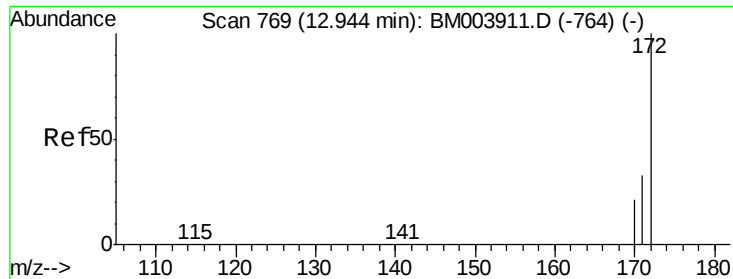


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

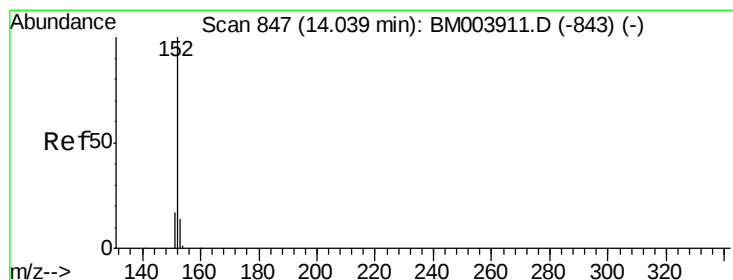
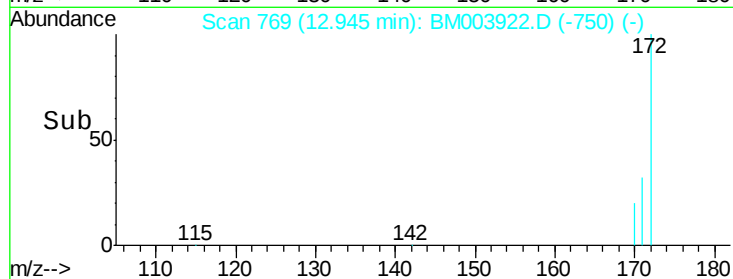
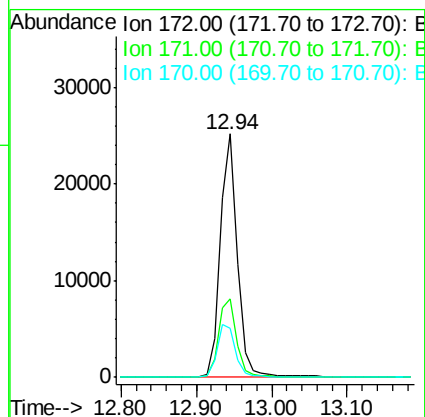
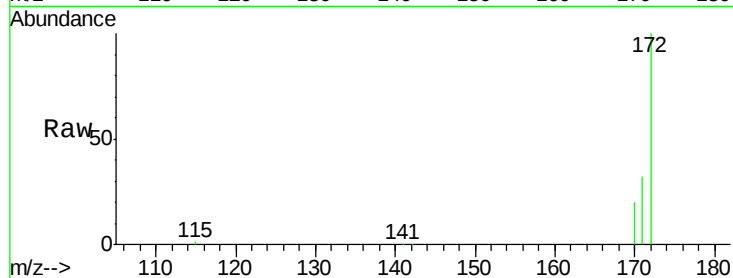




#15
2-Fluorobiphenyl
Concen: 1.00 ng
RT: 12.94 min Scan# 769
Delta R.T. 0.00 min
Lab File: BM003922.D
Acq: 31 Dec 2015 19:52

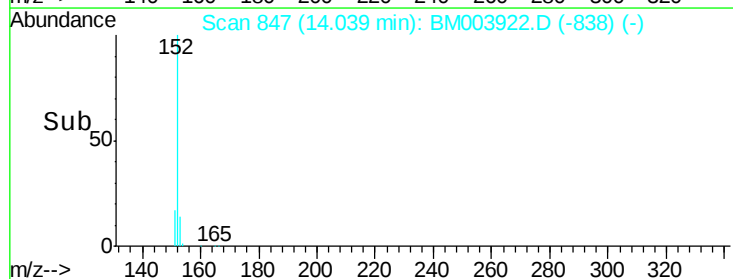
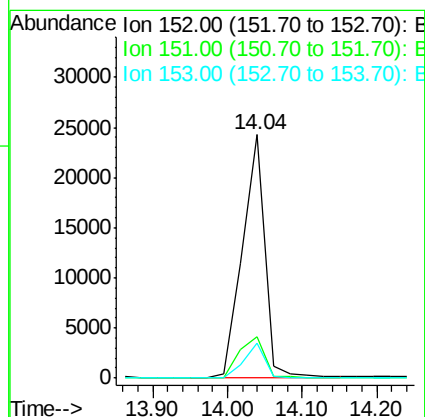
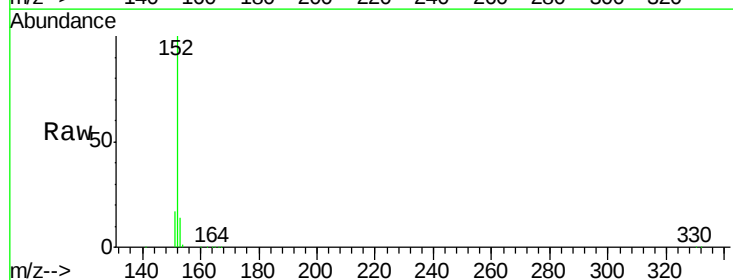
Instrument :
BNA_G
ClientSampleId :
SSTDCCC001EC

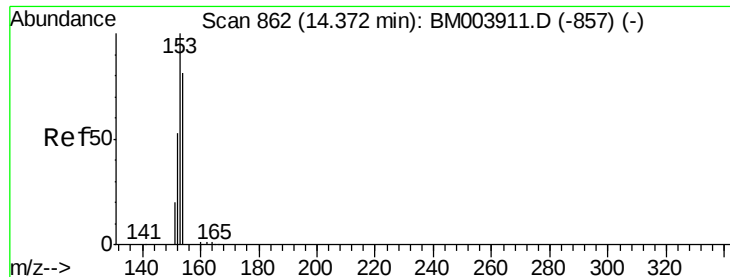
Tgt Ion:172 Resp: 40035
Ion Ratio Lower Upper
172 100
171 32.2 27.0 40.6
170 20.4 17.9 26.9



#16
Acenaphthylene
Concen: 0.98 ng
RT: 14.04 min Scan# 847
Delta R.T. 0.00 min
Lab File: BM003922.D
Acq: 31 Dec 2015 19:52

Tgt Ion:152 Resp: 50335
Ion Ratio Lower Upper
152 100
151 19.1 15.8 23.8
153 13.0 10.2 15.4





#17

Acenaphthene

Concen: 0.98 ng

RT: 14.37 min Scan# 862

Delta R.T. 0.00 min

Lab File: BM003922.D

Acq: 31 Dec 2015 19:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC001EC

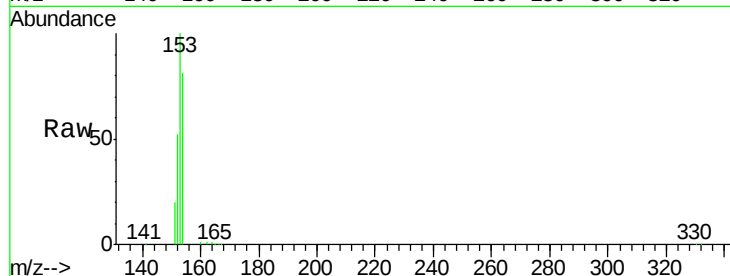
Tgt Ion:154 Resp: 35200

Ion Ratio Lower Upper

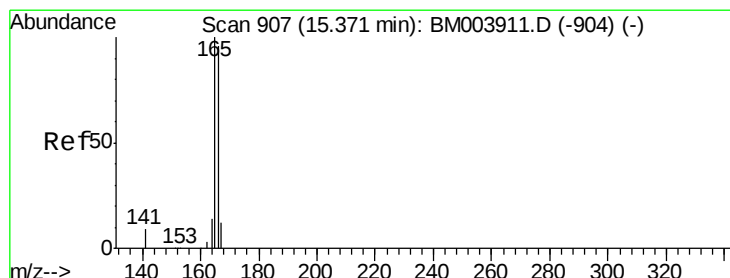
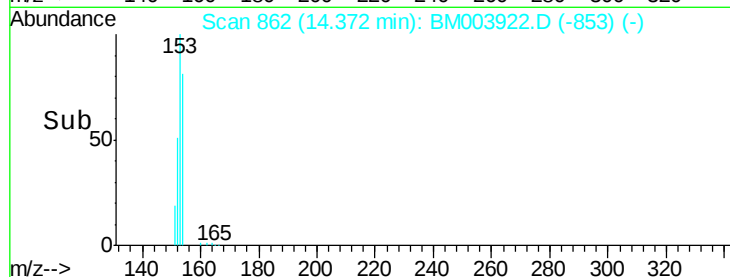
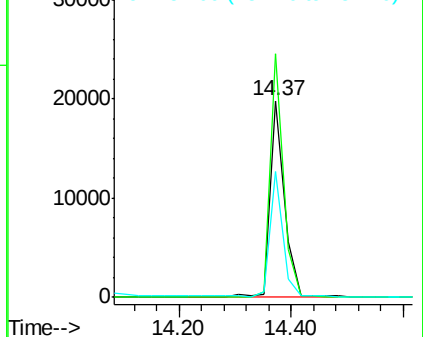
154 100

153 113.5 85.4 128.2

152 56.1 40.6 60.8



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: 1.02 ng

RT: 15.37 min Scan# 907

Delta R.T. 0.00 min

Lab File: BM003922.D

Acq: 31 Dec 2015 19:52

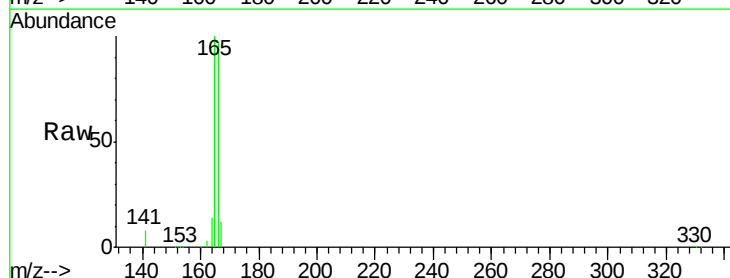
Tgt Ion:166 Resp: 43614

Ion Ratio Lower Upper

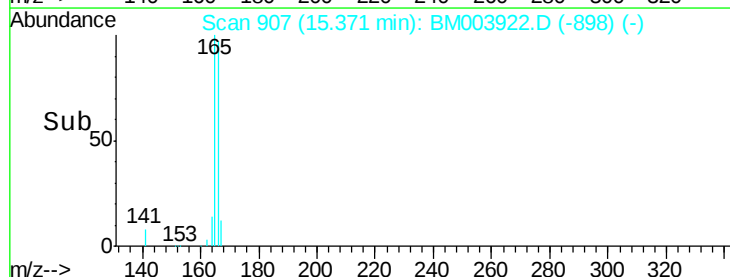
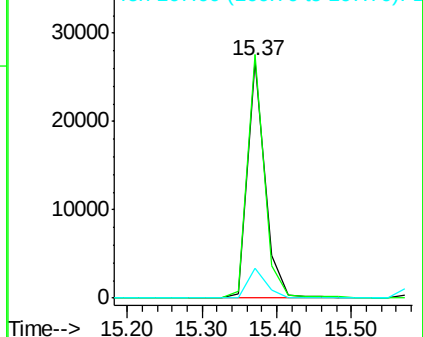
166 100

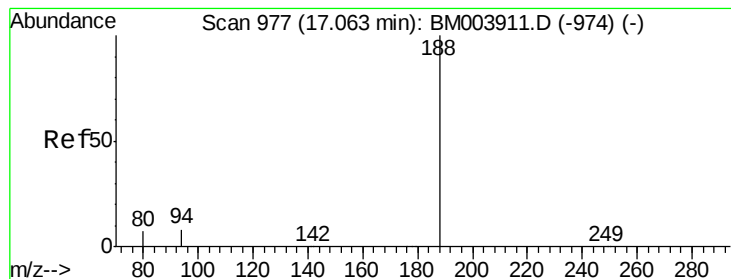
165 99.0 77.2 115.8

167 12.9 11.0 16.6



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: 17.06 min Scan# 977

Delta R.T. 0.00 min

Lab File: BM003922.D

Acq: 31 Dec 2015 19:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC001EC

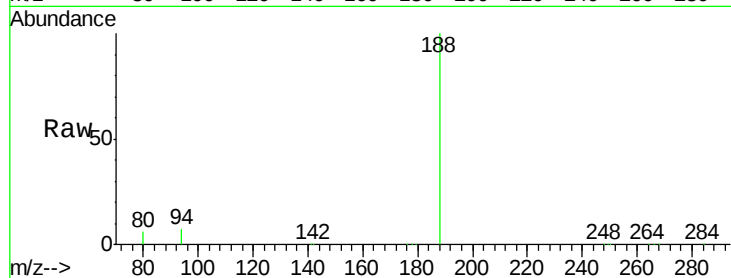
Tgt Ion:188 Resp: 315202

Ion Ratio Lower Upper

188 100

94 6.8 20.3 30.5#

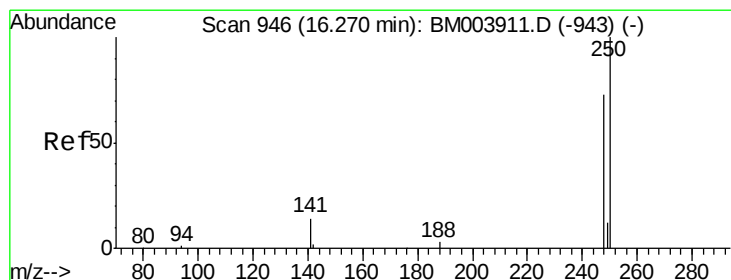
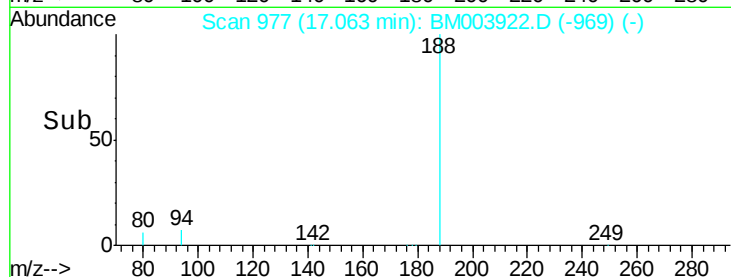
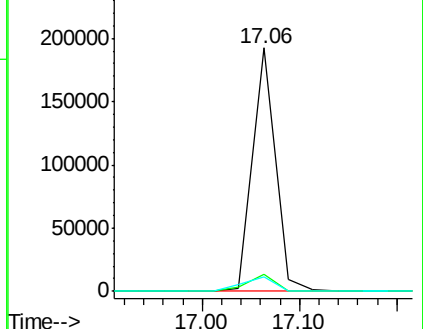
80 6.1 22.2 33.4#



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: 0.89 ng

RT: 16.27 min Scan# 946

Delta R.T. 0.00 min

Lab File: BM003922.D

Acq: 31 Dec 2015 19:52

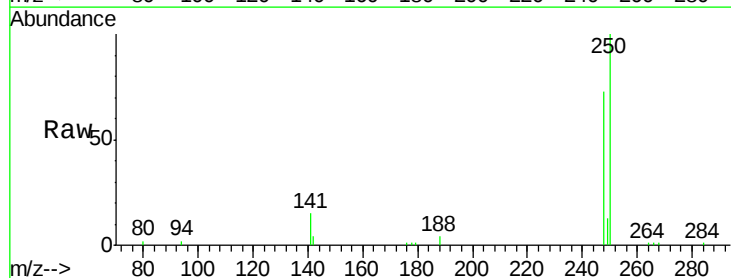
Tgt Ion:248 Resp: 8703

Ion Ratio Lower Upper

248 100

250 110.0 75.0 112.4

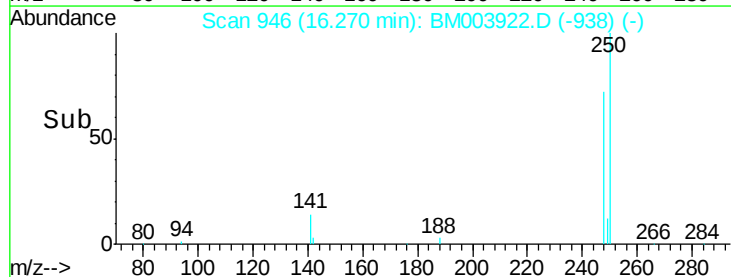
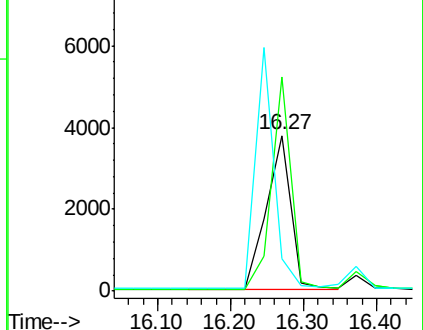
141 0.0 53.0 79.4#

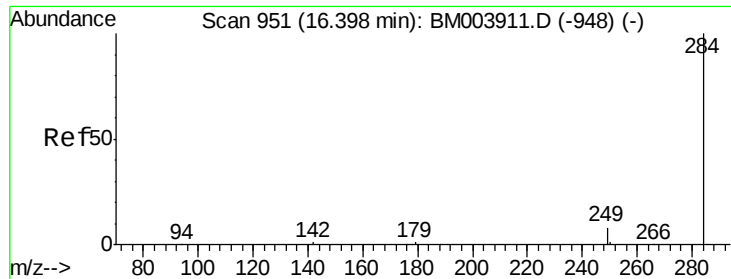


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

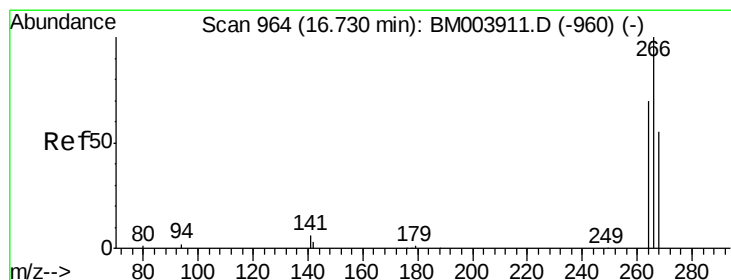
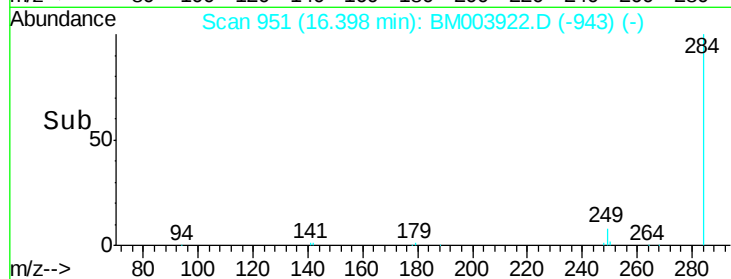
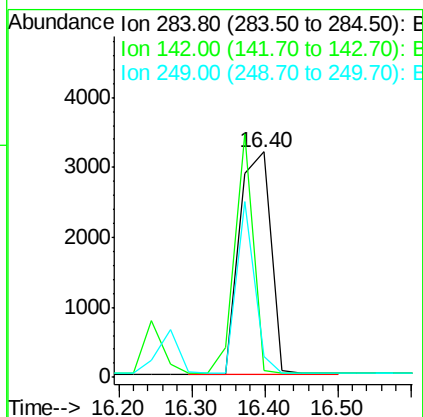
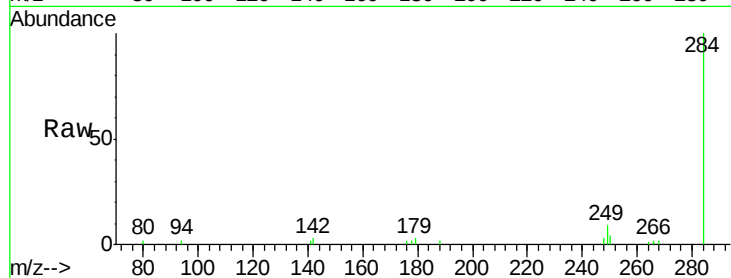




#21
Hexachlorobenzene
Concen: 0.90 ng
RT: 16.40 min Scan# 951
Delta R.T. 0.00 min
Lab File: BM003922.D
Acq: 31 Dec 2015 19:52

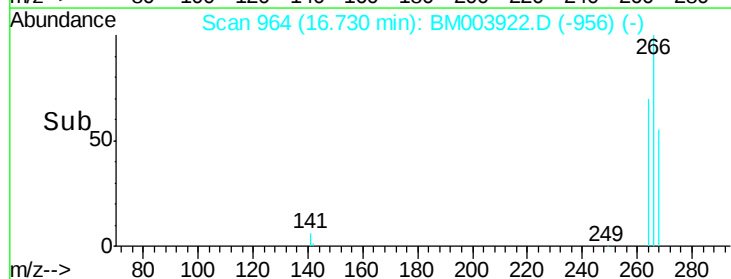
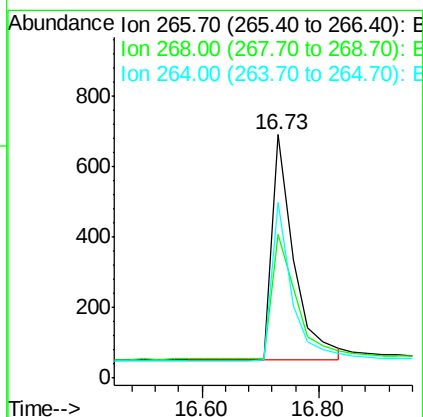
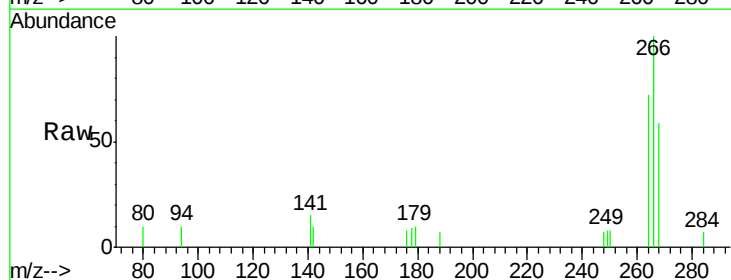
Instrument :
BNA_G
ClientSampleId :
SSTDCCC001EC

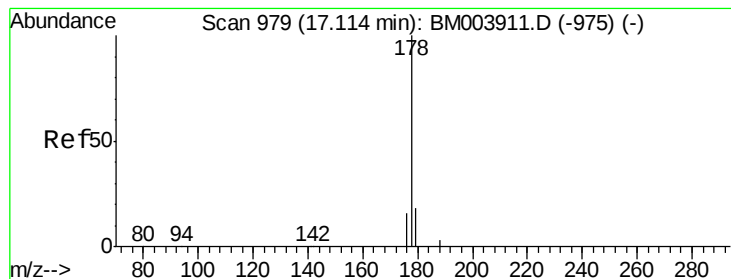
Tgt Ion: 284 Resp: 9359
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 0.0 21.5 32.3#



#22
Pentachlorophenol
Concen: 0.79 ng
RT: 16.73 min Scan# 964
Delta R.T. 0.00 min
Lab File: BM003922.D
Acq: 31 Dec 2015 19:52

Tgt Ion: 266 Resp: 1702
Ion Ratio Lower Upper
266 100
268 59.1 62.7 94.1#
264 72.2 45.7 68.5#





#23

Phenanthrene

Concen: 0.95 ng

RT: 17.11 min Scan# 979

Delta R.T. 0.00 min

Lab File: BM003922.D

Acq: 31 Dec 2015 19:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC001EC

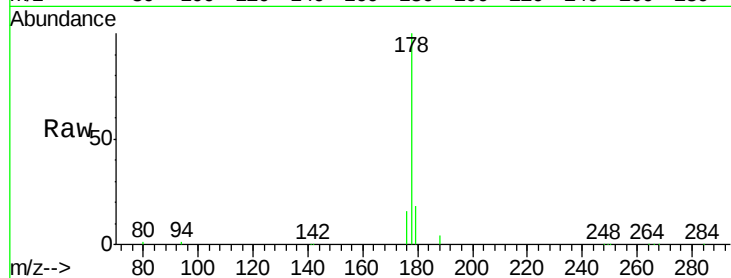
Tgt Ion:178 Resp: 58491

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.0

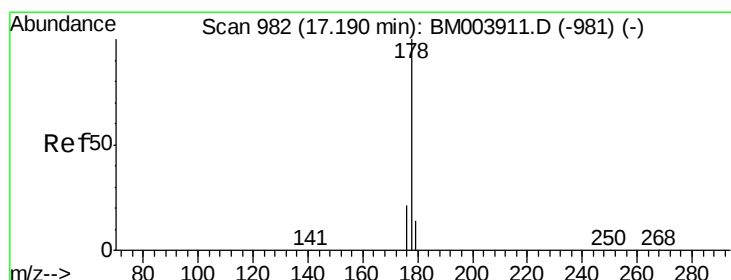
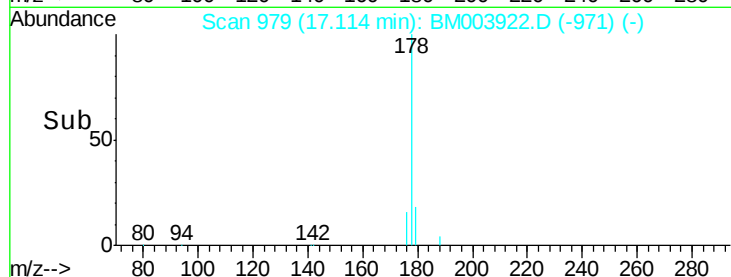
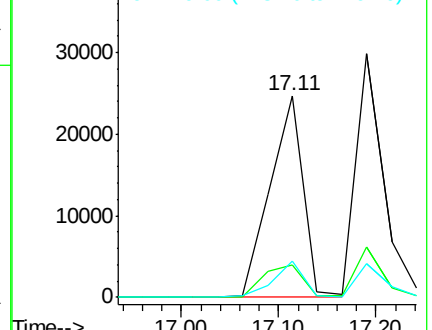
179 16.0 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.90 ng

RT: 17.19 min Scan# 982

Delta R.T. 0.00 min

Lab File: BM003922.D

Acq: 31 Dec 2015 19:52

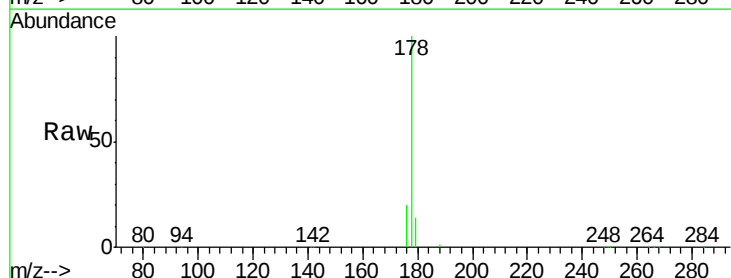
Tgt Ion:178 Resp: 57364

Ion Ratio Lower Upper

178 100

176 19.3 14.6 21.8

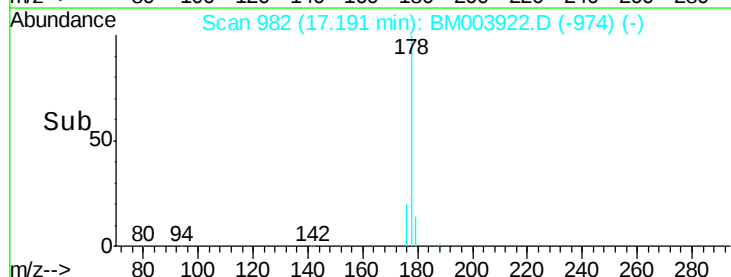
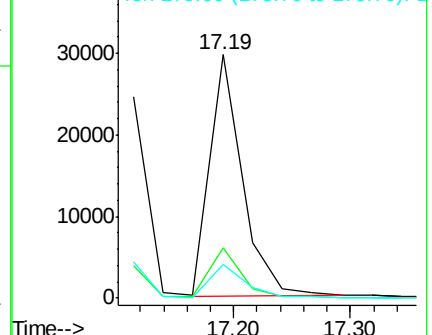
179 14.7 12.6 19.0

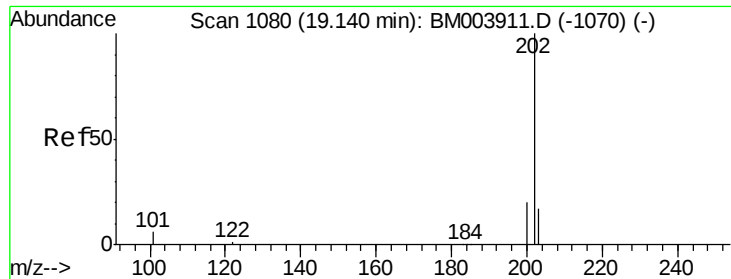


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 0.89 ng

RT: 19.14 min Scan# 1080

Delta R.T. 0.00 min

Lab File: BM003922.D

Acq: 31 Dec 2015 19:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC001EC

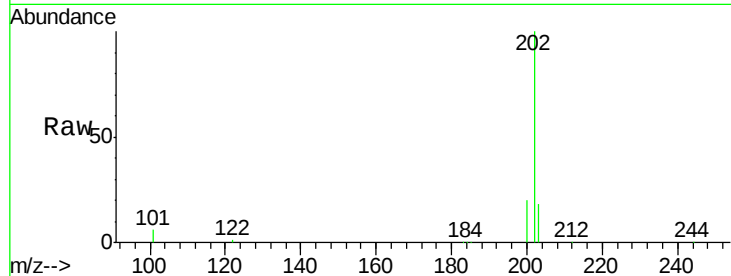
Tgt Ion:202 Resp: 62495

Ion Ratio Lower Upper

202 100

101 11.6 9.7 14.5

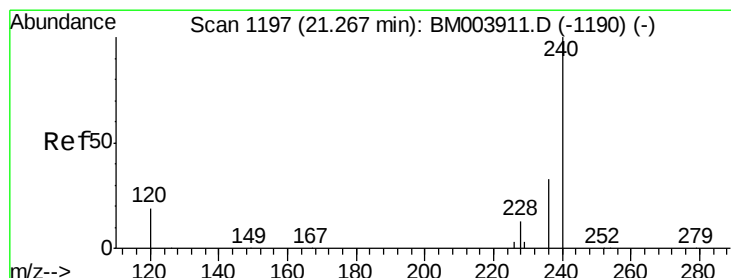
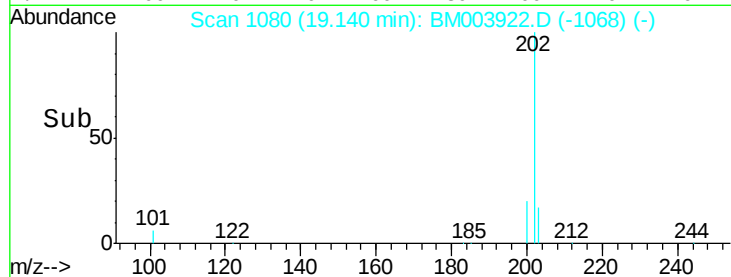
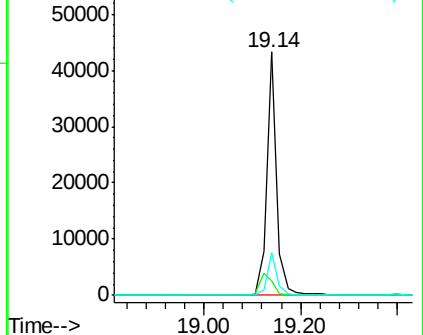
203 17.4 13.8 20.8



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: BM003922.D

Acq: 31 Dec 2015 19:52

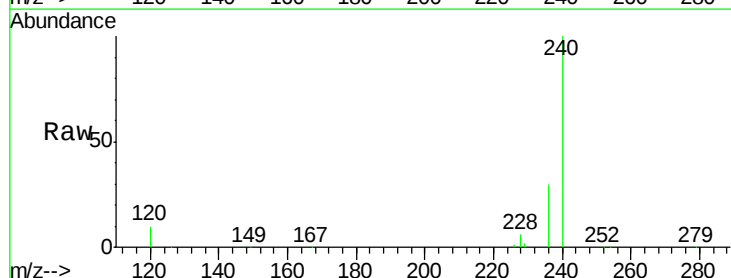
Tgt Ion:240 Resp: 194664

Ion Ratio Lower Upper

240 100

120 10.0 0.9 1.3#

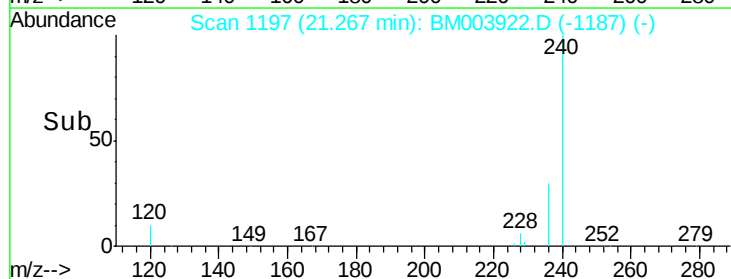
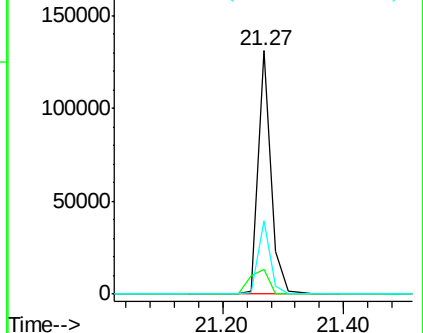
236 30.2 17.3 25.9#

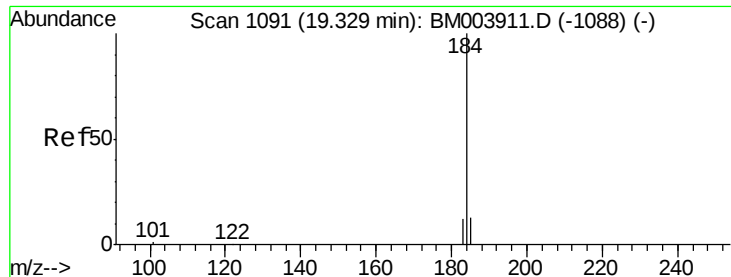


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

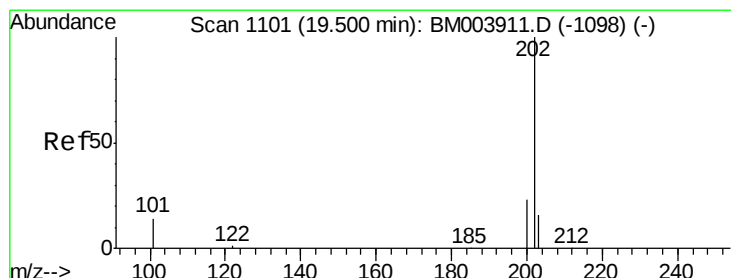
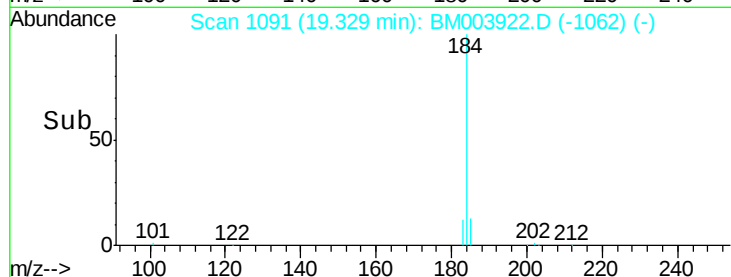
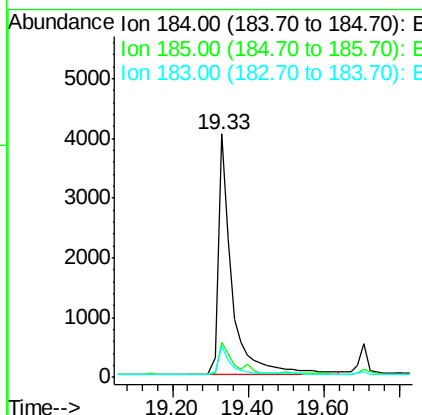
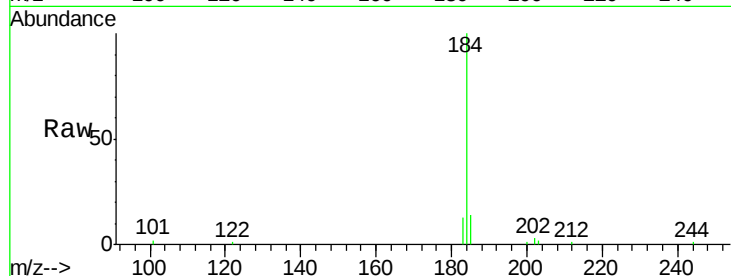




#27
Benzidine
Concen: 0.73 ng
RT: 19.33 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BM003922.D
Acq: 31 Dec 2015 19:52

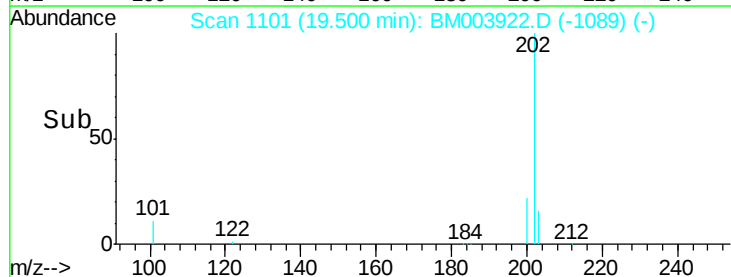
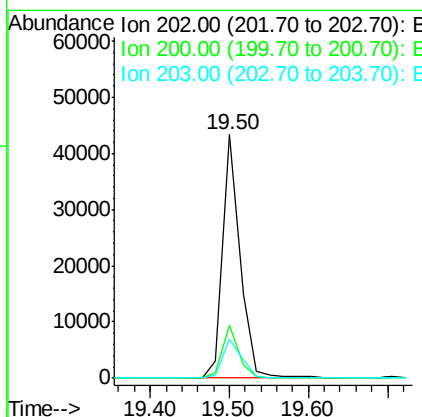
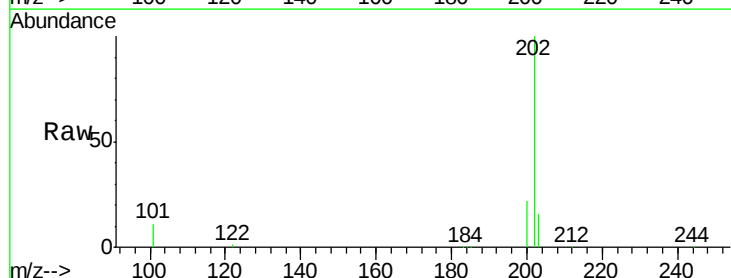
Instrument :
BNA_G
ClientSampleId :
SSTDCCC001EC

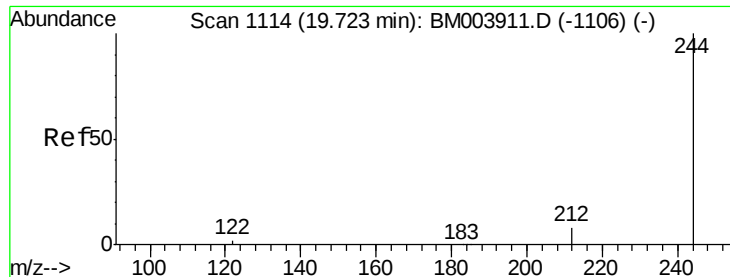
Tgt Ion:184 Resp: 9963
Ion Ratio Lower Upper
184 100
185 14.1 13.2 19.8
183 12.7 9.0 13.6



#28
Pyrene
Concen: 0.93 ng
RT: 19.50 min Scan# 1101
Delta R.T. 0.00 min
Lab File: BM003922.D
Acq: 31 Dec 2015 19:52

Tgt Ion:202 Resp: 65289
Ion Ratio Lower Upper
202 100
200 20.8 16.6 24.8
203 17.3 14.0 21.0





#29

Terphenyl-d14

Concen: 0.92 ng

RT: 19.71 min Scan# 1113

Delta R.T. -0.02 min

Lab File: BM003922.D

Acq: 31 Dec 2015 19:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC001EC

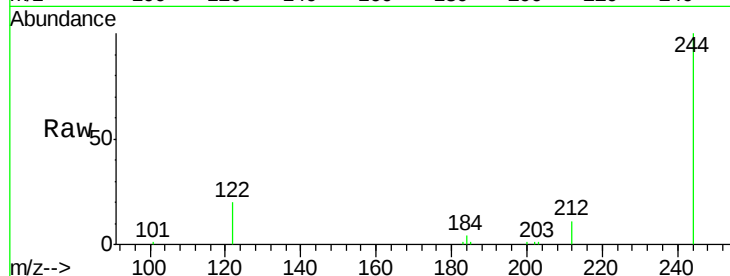
Tgt Ion:244 Resp: 28883

Ion Ratio Lower Upper

244 100

212 11.2 7.0 10.6#

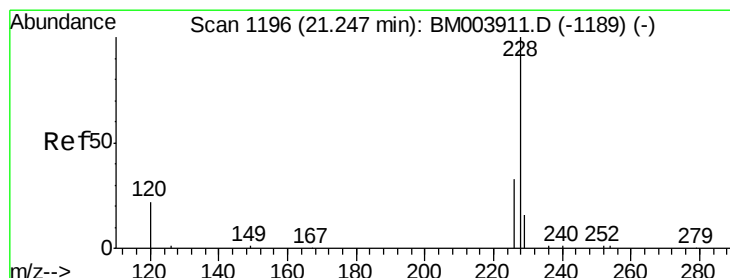
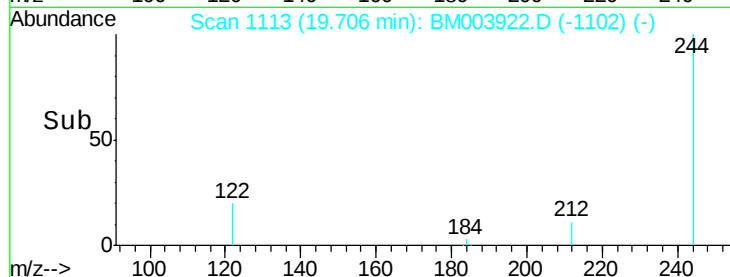
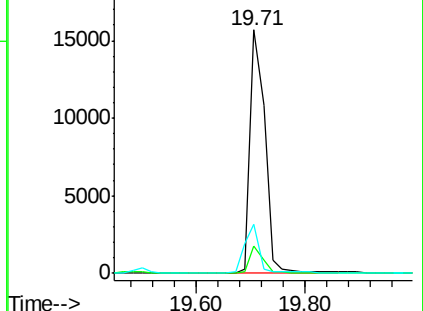
122 20.2 3.0 4.6#



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: 0.99 ng

RT: 21.25 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BM003922.D

Acq: 31 Dec 2015 19:52

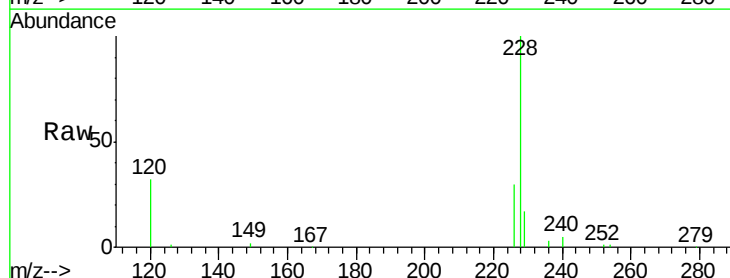
Tgt Ion:228 Resp: 54928

Ion Ratio Lower Upper

228 100

226 30.1 17.2 25.8#

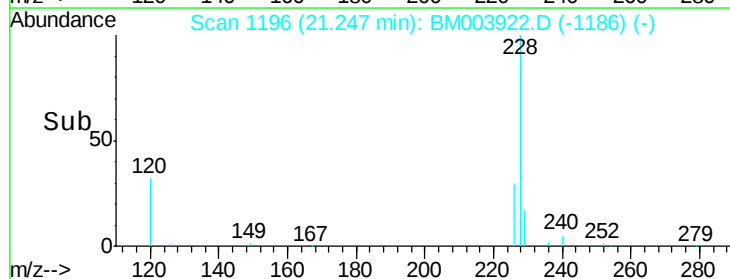
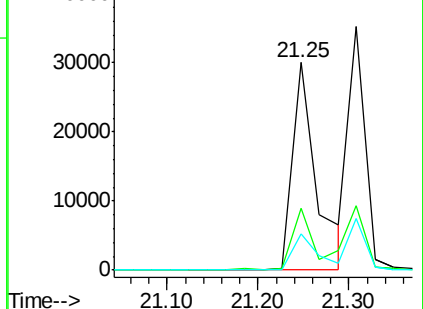
229 17.5 18.7 28.1#

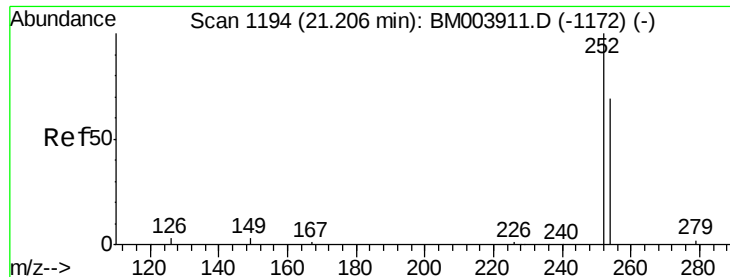


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

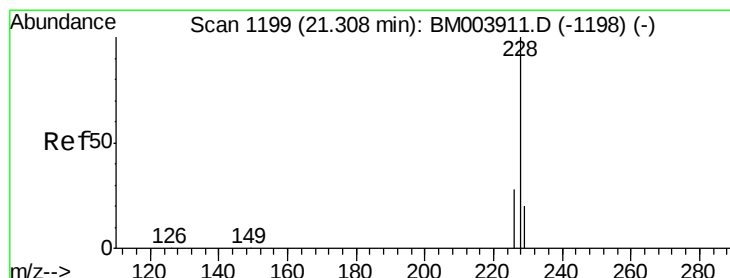
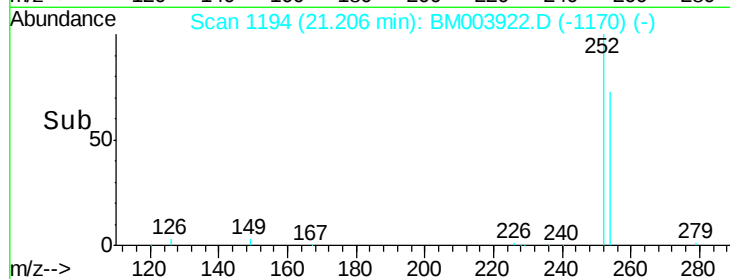
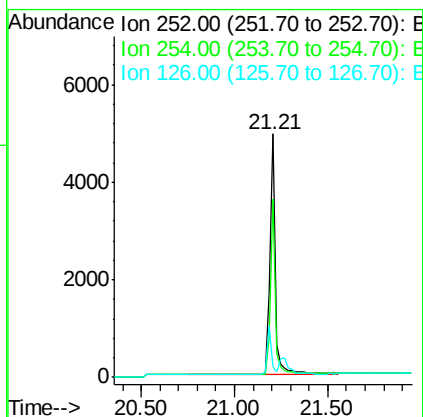
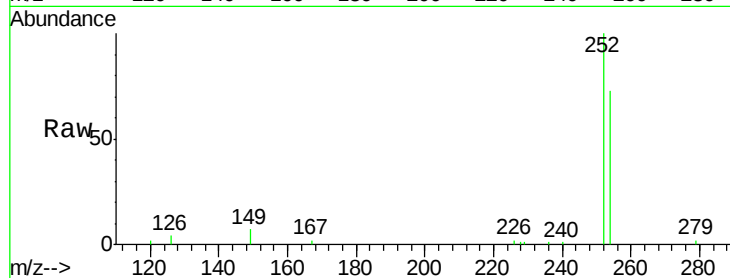




#31
 3,3'-Dichlorobenzidine
 Concen: 0.79 ng
 RT: 21.21 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BM003922.D
 Acq: 31 Dec 2015 19:52

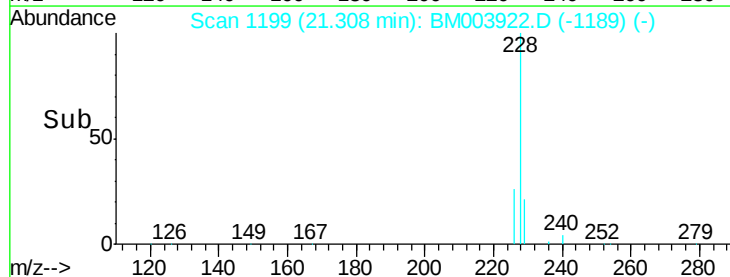
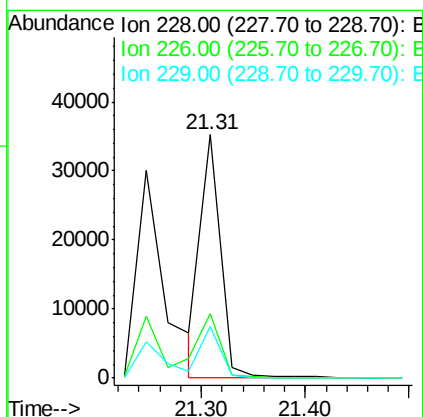
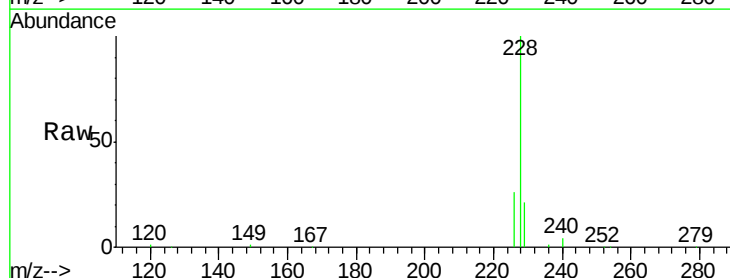
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC001EC

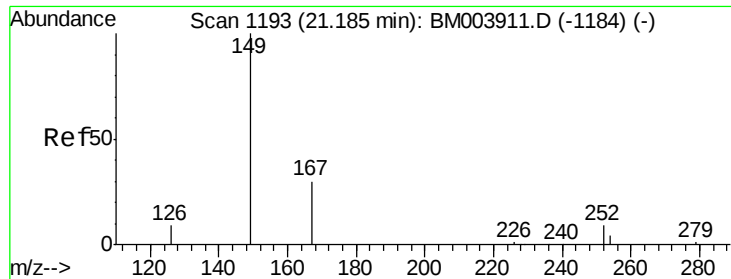
Tgt Ion:252 Resp: 10062
 Ion Ratio Lower Upper
 252 100
 254 73.1 52.6 79.0
 126 4.4 3.7 5.5



#32
 Chrysene
 Concen: 0.80 ng
 RT: 21.31 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BM003922.D
 Acq: 31 Dec 2015 19:52

Tgt Ion:228 Resp: 45791
 Ion Ratio Lower Upper
 228 100
 226 26.5 25.3 37.9
 229 21.0 14.5 21.7

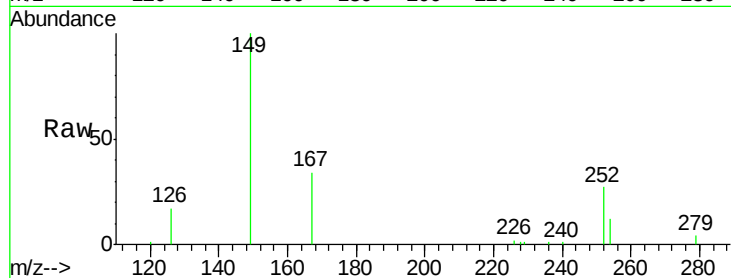




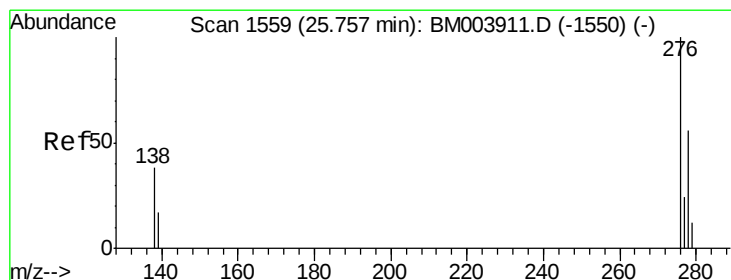
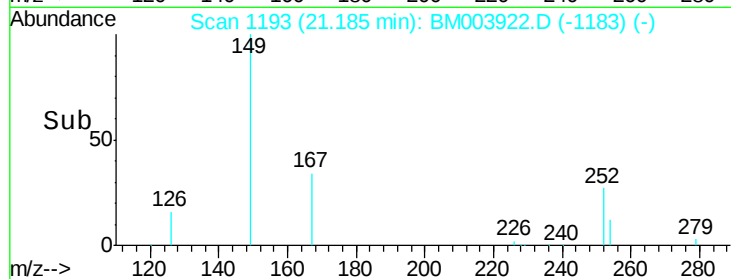
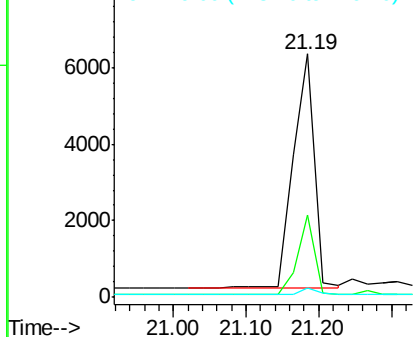
#33
 Bis(2-ethylhexyl)phthalate
 Concen: 0.69 ng
 RT: 21.19 min Scan# 1193
 Delta R.T. 0.00 min
 Lab File: BM003922.D
 Acq: 31 Dec 2015 19:52

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC001EC

Tgt Ion:149 Resp: 12123
 Ion Ratio Lower Upper
 149 100
 167 27.4 20.1 30.1
 279 2.6 0.0 0.0#

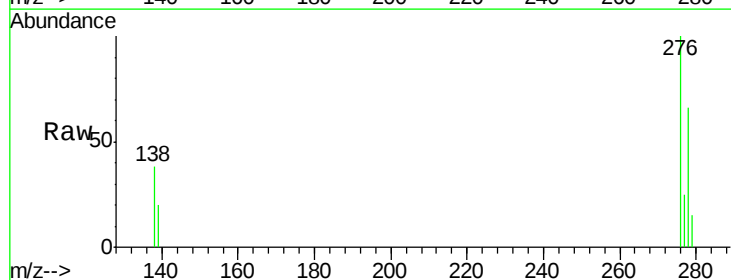


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

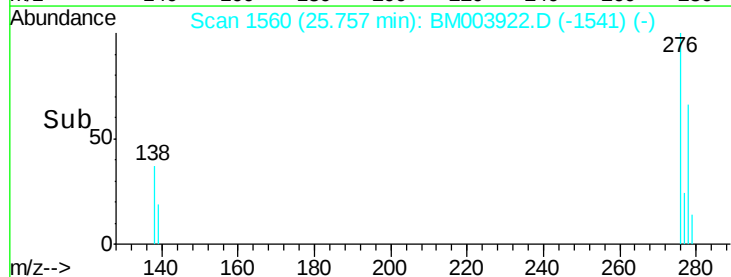
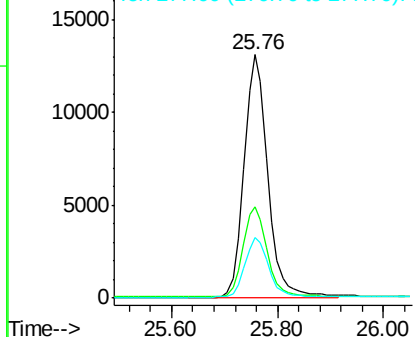


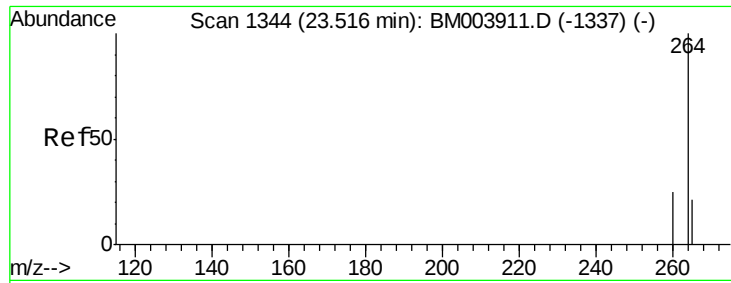
#34
 Indeno(1,2,3-cd)pyrene
 Concen: 0.98 ng
 RT: 25.76 min Scan# 1560
 Delta R.T. 0.00 min
 Lab File: BM003922.D
 Acq: 31 Dec 2015 19:52

Tgt Ion:276 Resp: 40163
 Ion Ratio Lower Upper
 276 100
 138 38.0 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

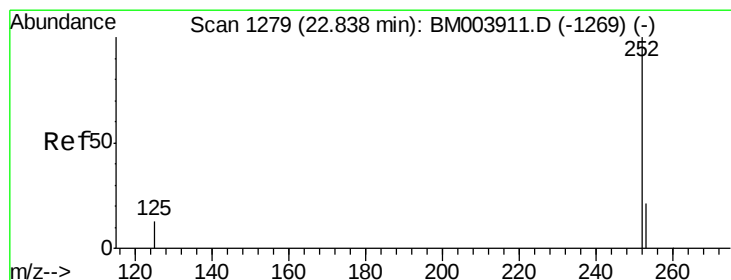
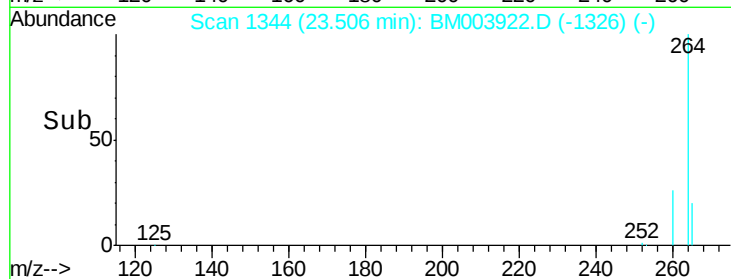
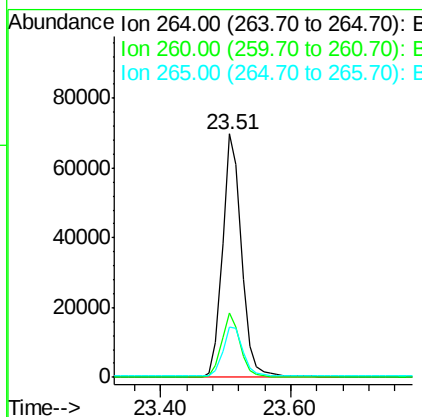
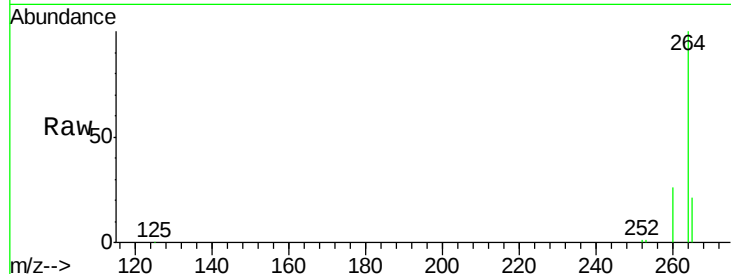




#35
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.51 min Scan# 1344
 Delta R.T. -0.01 min
 Lab File: BM003922.D
 Acq: 31 Dec 2015 19:52

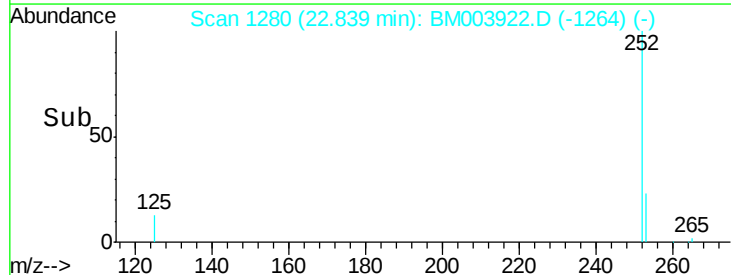
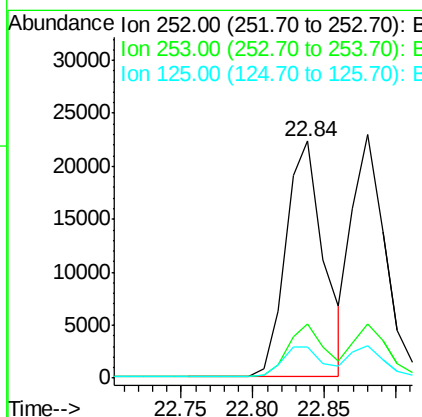
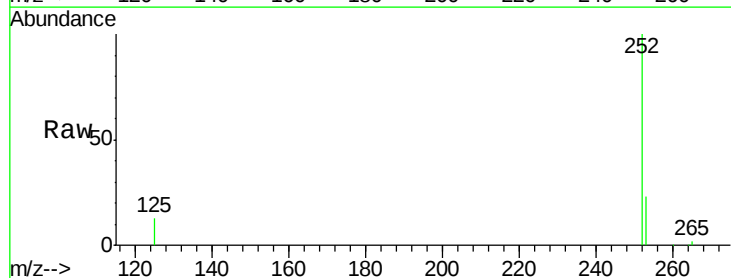
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC001EC

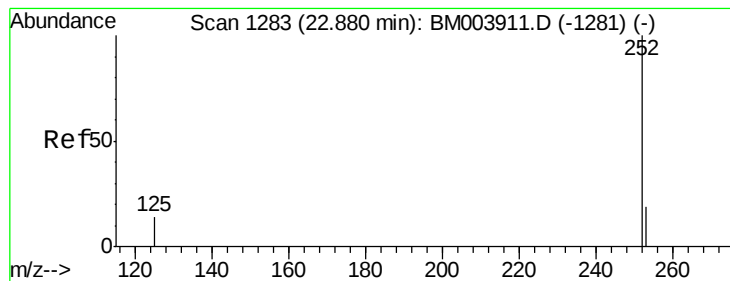
Tgt Ion: 264 Resp: 141264
 Ion Ratio Lower Upper
 264 100
 260 26.4 21.2 31.8
 265 20.8 16.7 25.1



#36
 Benzo(b)fluoranthene
 Concen: 0.96 ng
 RT: 22.84 min Scan# 1280
 Delta R.T. 0.00 min
 Lab File: BM003922.D
 Acq: 31 Dec 2015 19:52

Tgt Ion: 252 Resp: 41369
 Ion Ratio Lower Upper
 252 100
 253 22.9 18.8 28.2
 125 13.1 10.2 15.4





#37

Benzo(k)fluoranthene

Concen: 0.90 ng

RT: 22.88 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BM003922.D

Acq: 31 Dec 2015 19:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC001EC

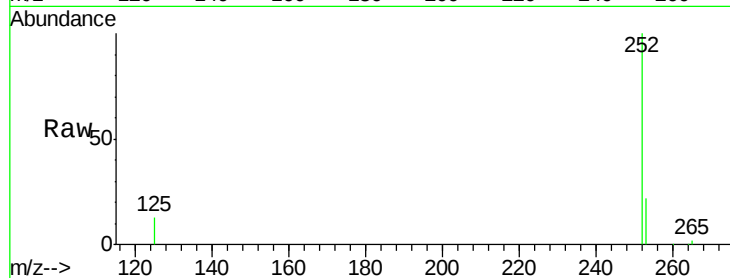
Tgt Ion:252 Resp: 37548

Ion Ratio Lower Upper

252 100

253 22.3 18.3 27.5

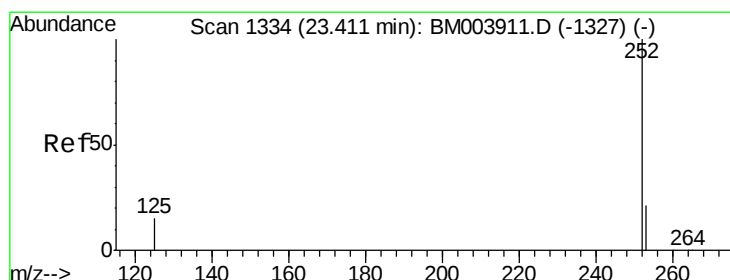
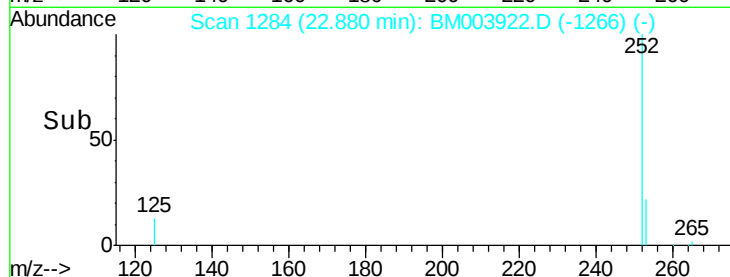
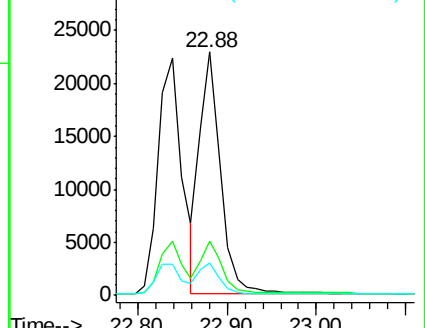
125 13.4 10.6 15.8



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: 0.92 ng

RT: 23.41 min Scan# 1335

Delta R.T. 0.00 min

Lab File: BM003922.D

Acq: 31 Dec 2015 19:52

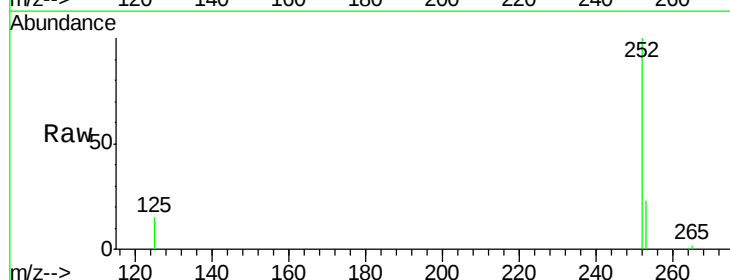
Tgt Ion:252 Resp: 33670

Ion Ratio Lower Upper

252 100

253 23.1 18.7 28.1

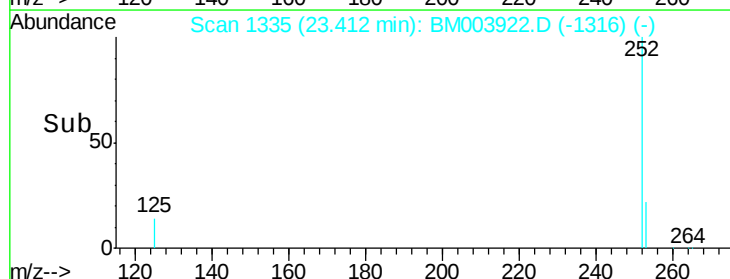
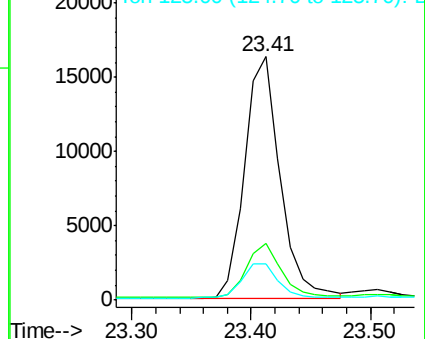
125 14.7 11.8 17.8

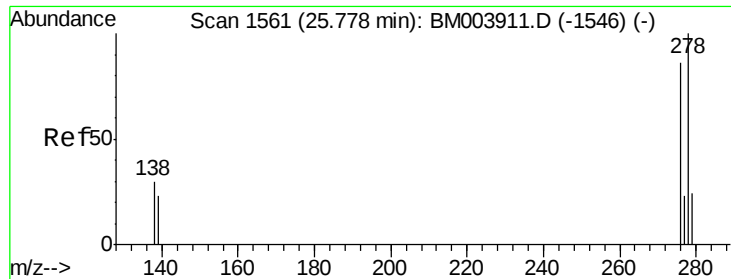


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 1.02 ng

RT: 25.77 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BM003922.D

Acq: 31 Dec 2015 19:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC001EC

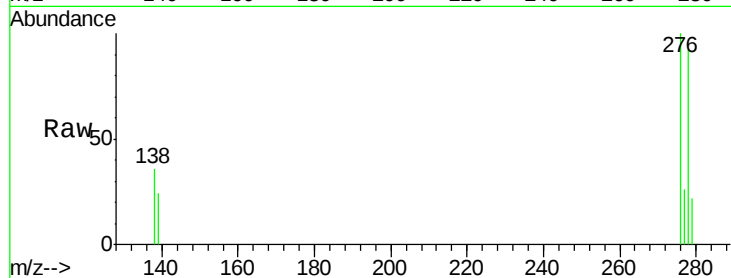
Tgt Ion: 278 Resp: 32078

Ion Ratio Lower Upper

278 100

139 25.9 19.0 28.6

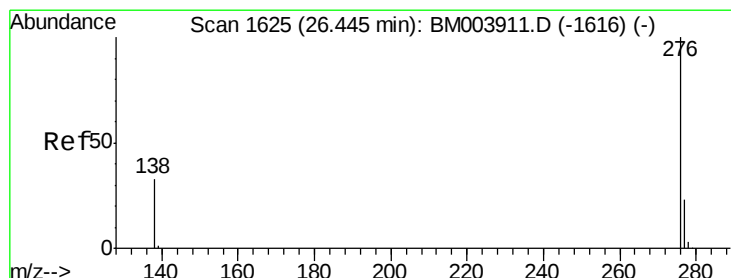
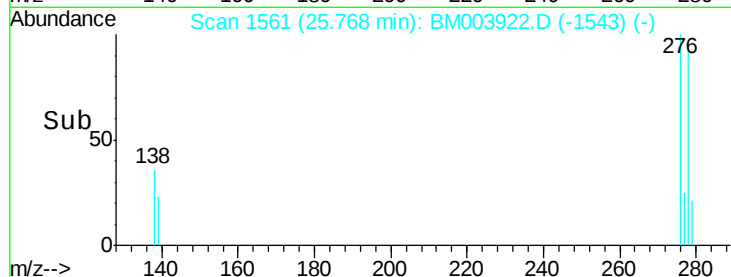
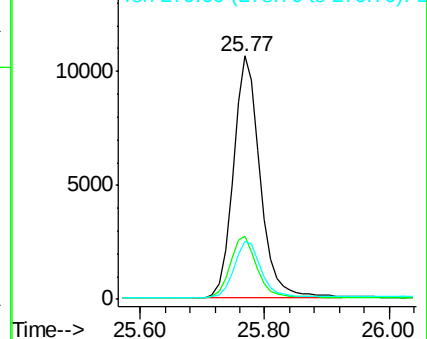
279 23.8 19.6 29.4



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: 1.02 ng

RT: 26.45 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BM003922.D

Acq: 31 Dec 2015 19:52

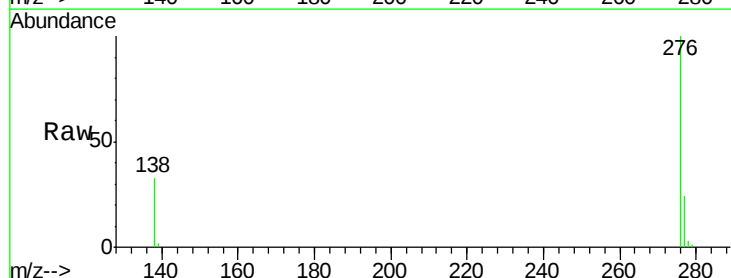
Tgt Ion: 276 Resp: 33999

Ion Ratio Lower Upper

276 100

277 23.6 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

