

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012316\
 Data File : BM004103.D
 Acq On : 22 Jan 2016 10:28
 Operator : SJ/UM
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 22 13:14:14 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM012216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 22 13:10:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	23195	5.00	ng	0.00
7) Naphthalene-d8	10.44	136	99283	5.00	ng	0.00
13) Acenaphthene-d10	14.31	164	60376	5.00	ng	0.00
19) Phenanthrene-d10	17.06	188	168196	5.00	ng	0.00
26) Chrysene-d12	21.27	240	166887	5.00	ng	0.00
35) Perylene-d12	23.51	264	166609	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.27	112	1159	0.24	ng	0.00
5) Phenol-d6	6.85	99	1340	0.23	ng	0.00
8) Nitrobenzene-d5	8.73	82	127	0.03	ng	-0.09
14) 2,4,6-Tribromophenol	15.82	330	381	0.27	ng	0.00
15) 2-Fluorobiphenyl	12.93	172	4662	0.24	ng	0.00
29) Terphenyl-d14	19.71	244	5895	0.22	ng	0.00

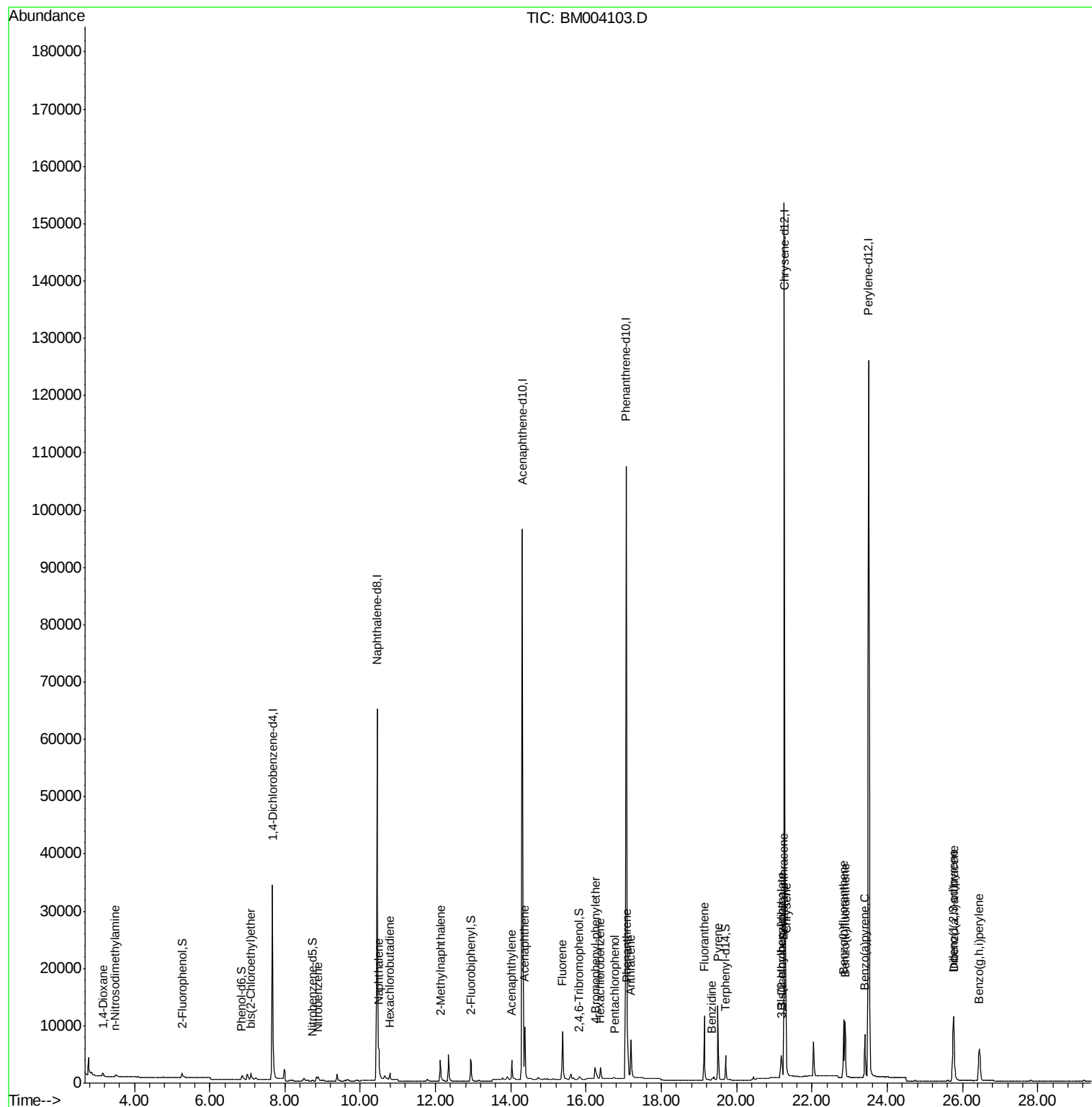
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.17	88	745	0.33	ng	# 88
3) n-Nitrosodimethylamine	3.49	42	452	0.19	ng	# 89
6) bis(2-Chloroethyl)ether	7.09	93	1286	0.24	ng	96
9) Nitrobenzene	8.88	77	1062	0.20	ng	100
10) Naphthalene	10.49	128	5929	0.27	ng	98
11) Hexachlorobutadiene	10.79	225	914	0.28	ng	99
12) 2-Methylnaphthalene	12.12	142	3844	0.26	ng	# 89
16) Acenaphthylene	14.02	152	6086	0.24	ng	100
17) Acenaphthene	14.37	154	5223	0.30	ng	100
18) Fluorene	15.37	166	6116	0.29	ng	99
20) 4-Bromophenyl-phenylether	16.24	248	1360	0.26	ng	# 14
21) Hexachlorobenzene	16.37	284	1517	0.27	ng	# 56
22) Pentachlorophenol	16.76	266	236	0.16	ng	# 87
23) Phenanthrene	17.09	178	10063	0.29	ng	98
24) Anthracene	17.19	178	9289	0.27	ng	99
25) Fluoranthene	19.14	202	12055	0.32	ng	99
27) Benzidine	19.35	184	982	0.07	ng	# 69
28) Pyrene	19.50	202	13343	0.22	ng	99
30) Benzo(a)anthracene	21.25	228	13325	0.28	ng	# 82
31) 3,3'-Dichlorobenzidine	21.21	252	2640	0.22	ng	# 97
32) Chrysene	21.31	228	13617	0.28	ng	95
33) Bis(2-ethylhexyl)phthalate	21.19	149	4772	0.23	ng	# 96
34) Indeno(1,2,3-cd)pyrene	25.76	276	13296	0.38	ng	100
36) Benzo(b)fluoranthene	22.84	252	13153	0.26	ng	98
37) Benzo(k)fluoranthene	22.88	252	12372	0.25	ng	97
38) Benzo(a)pyrene	23.41	252	11681	0.27	ng	96
39) Dibenzo(a,h)anthracene	25.77	278	10440	0.28	ng	96
40) Benzo(g,h,i)perylene	26.45	276	11716	0.30	ng	97

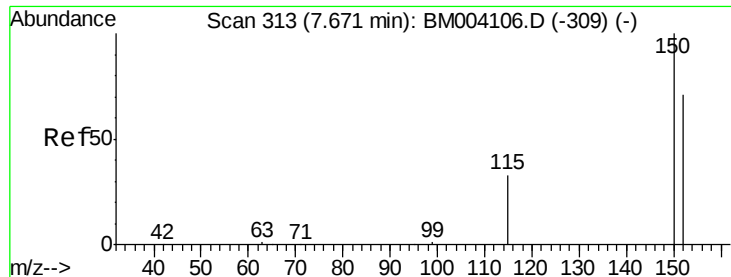
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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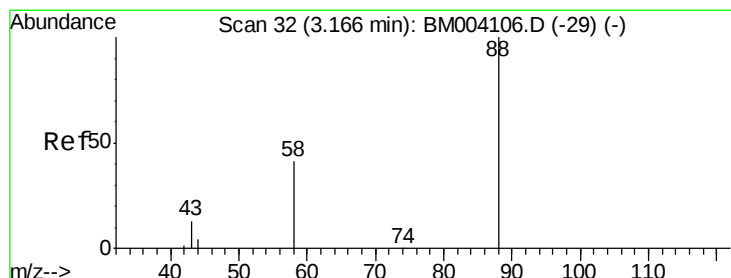
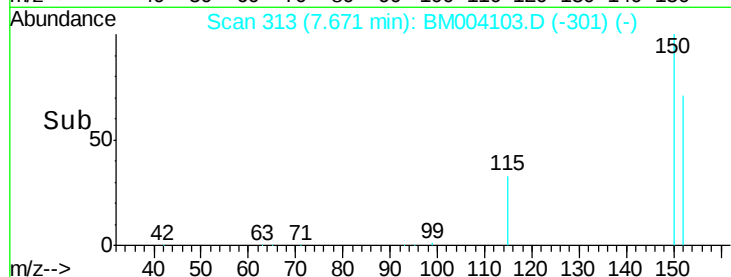
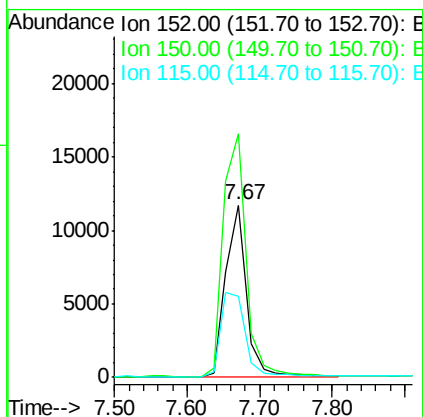
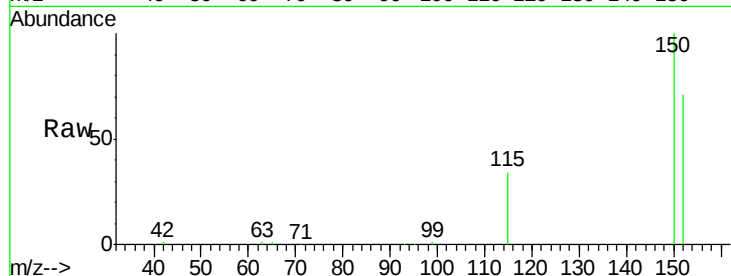


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.67 min Scan# 313
Delta R.T. 0.00 min
Lab File: BM004103.D
Acq: 22 Jan 2016 10:28

Instrument :
BNA_M
ClientSampleId :

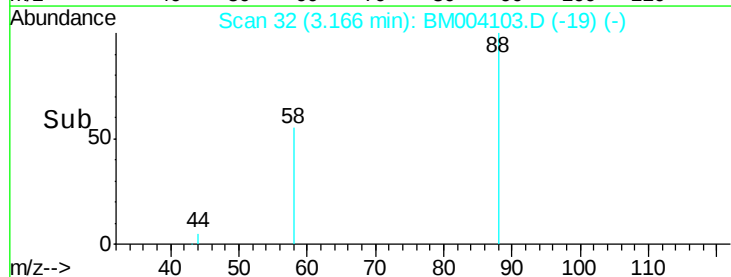
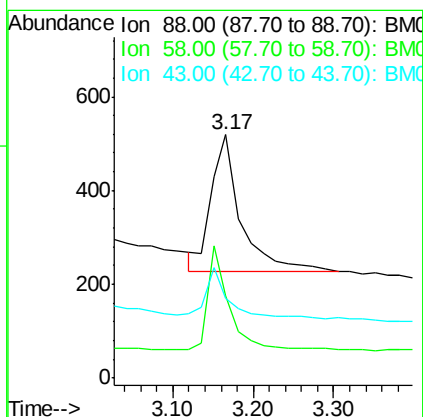
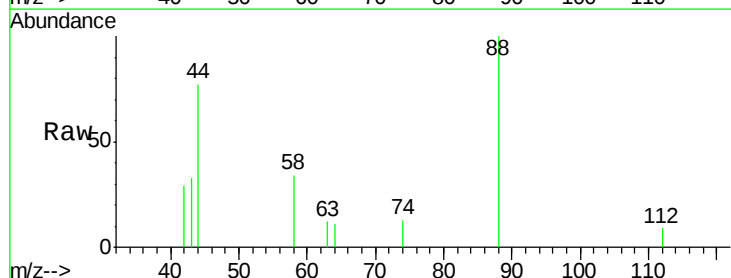
Tot Ion:152 Resp: 23195
Ion Ratio Lower Upper
152 100
150 141.1 122.9 184.3
115 47.3 44.4 66.6

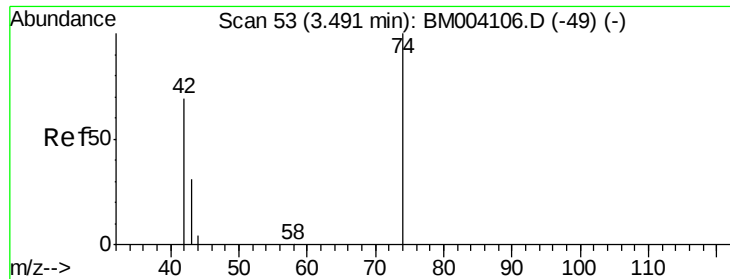


#2

1,4-Dioxane
Concen: 0.33 ng
RT: 3.17 min Scan# 32
Delta R.T. 0.00 min
Lab File: BM004103.D
Acq: 22 Jan 2016 10:28

Tgt Ion: 88 Resp: 745
Ion Ratio Lower Upper
88 100
58 53.0 53.8 80.6#
43 29.8 23.8 35.6





#3

n-Nitrosodimethylamine

Concen: 0.19 ng

RT: 3.49 min Scan# 53

Delta R.T. 0.00 min

Lab File: BM004103.D

Acq: 22 Jan 2016 10:28

Instrument :

BNA_M

ClientSampleId :

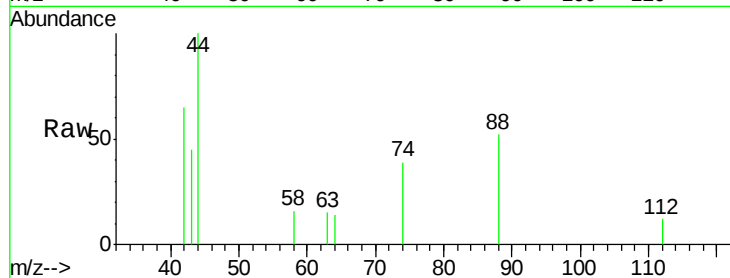
Tot Ion: 42 Resp: 452

Ion Ratio Lower Upper

42 100

74 131.4 95.0 142.4

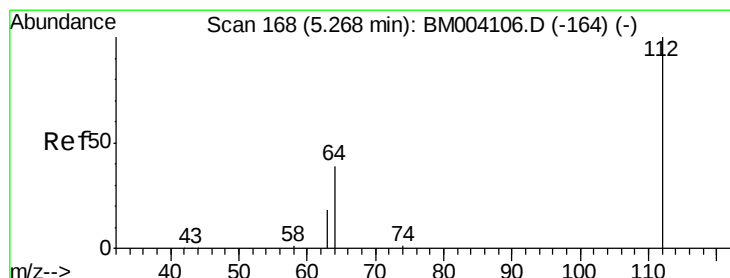
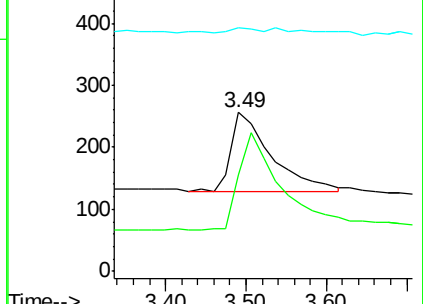
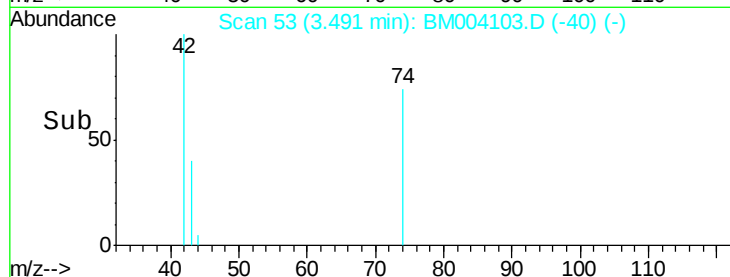
44 5.1 5.1 7.7#



Abundance Ion 42.00 (41.70 to 42.70): BM004103.D (-155) (-)

Ion 74.00 (73.70 to 74.70): BM004103.D (-155) (-)

Ion 44.00 (43.70 to 44.70): BM004103.D (-155) (-)



#4

2-Fluorophenol

Concen: 0.24 ng

RT: 5.27 min Scan# 168

Delta R.T. 0.00 min

Lab File: BM004103.D

Acq: 22 Jan 2016 10:28

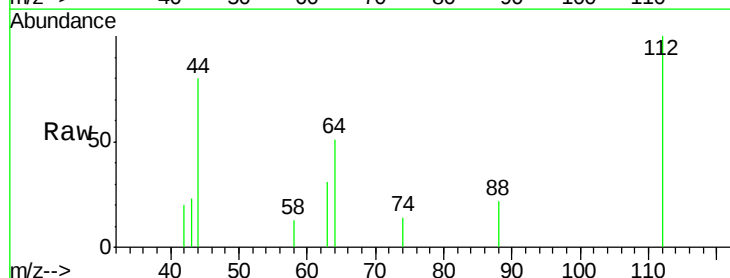
Tgt Ion: 112 Resp: 1159

Ion Ratio Lower Upper

112 100

64 53.0 41.8 62.8

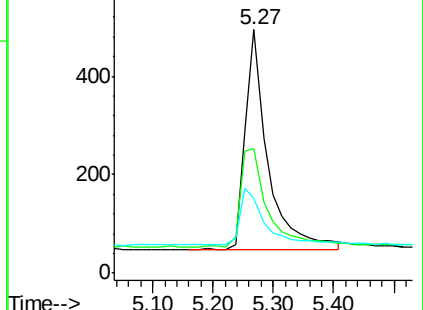
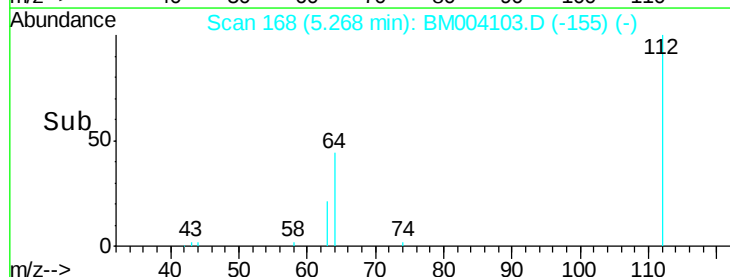
63 28.6 22.1 33.1

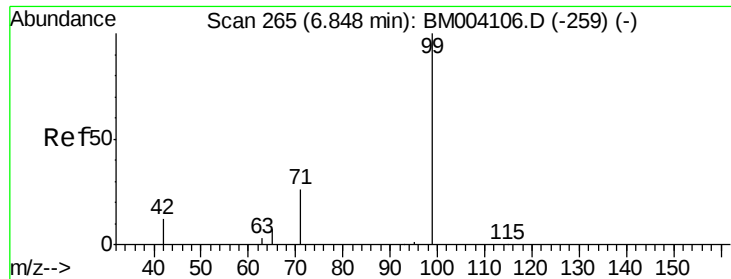


Abundance Ion 112.00 (111.70 to 112.70): BM004103.D (-155) (-)

Ion 64.00 (63.70 to 64.70): BM004103.D (-155) (-)

Ion 63.00 (62.70 to 63.70): BM004103.D (-155) (-)





#5

Phenol-d6

Concen: 0.23 ng

RT: 6.85 min Scan# 265

Delta R.T. 0.00 min

Lab File: BM004103.D

Acq: 22 Jan 2016 10:28

Instrument :

BNA_M

ClientSampleId :

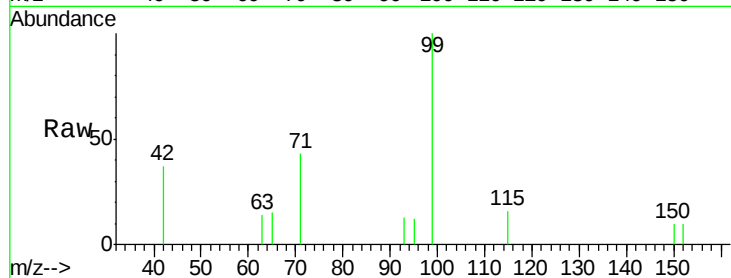
Tot Ion: 99 Resp: 1340

Ion Ratio Lower Upper

99 100

42 18.7 16.2 24.2

71 30.1 24.4 36.6



Abundance Ion 99.00 (98.70 to 99.70): BM004103.D (-253) (-)

Ion 42.00 (41.70 to 42.70): BM004103.D (-253) (-)

Ion 71.00 (70.70 to 71.70): BM004103.D (-253) (-)

6.85

500

400

300

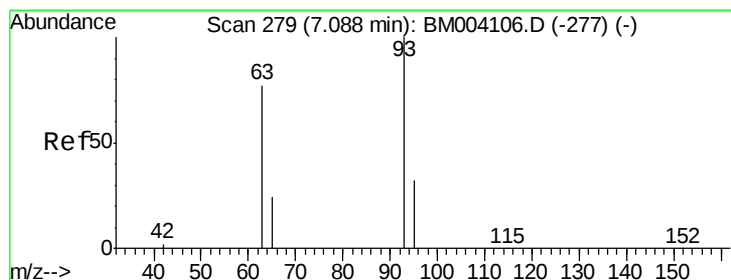
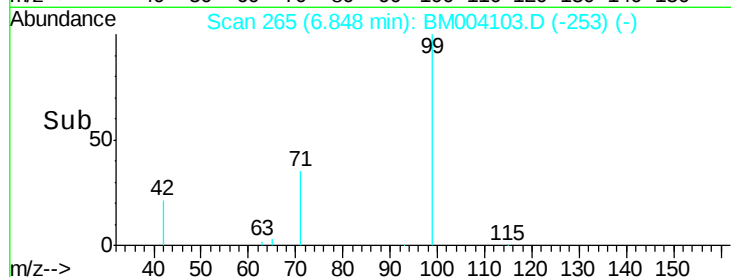
200

100

0

6.80 6.90 7.00

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.24 ng

RT: 7.09 min Scan# 279

Delta R.T. 0.00 min

Lab File: BM004103.D

Acq: 22 Jan 2016 10:28

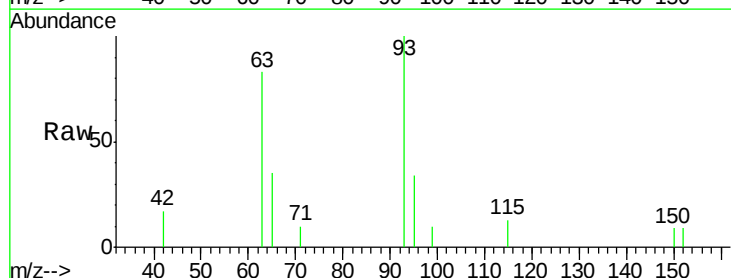
Tgt Ion: 93 Resp: 1286

Ion Ratio Lower Upper

93 100

63 69.4 58.3 87.5

95 33.7 25.8 38.8



Abundance Ion 93.00 (92.70 to 93.70): BM004103.D (-267) (-)

Ion 63.00 (62.70 to 63.70): BM004103.D (-267) (-)

Ion 95.00 (94.70 to 95.70): BM004103.D (-267) (-)

7.09

1000

800

600

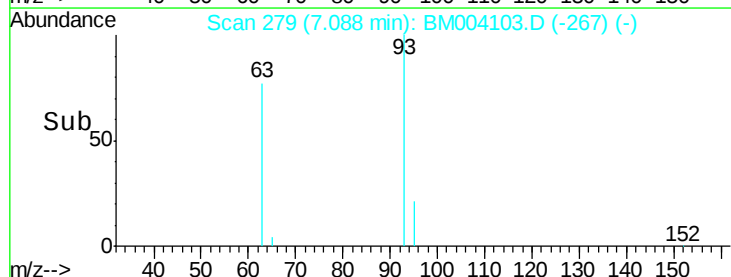
400

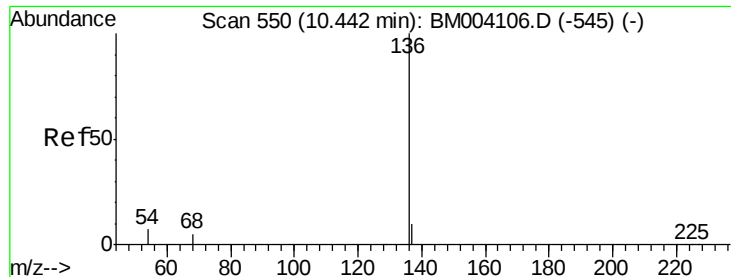
200

0

7.00 7.10 7.20

Time-->





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.44 min Scan# 550

Delta R.T. 0.00 min

Lab File: BM004103.D

Acq: 22 Jan 2016 10:28

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 99283

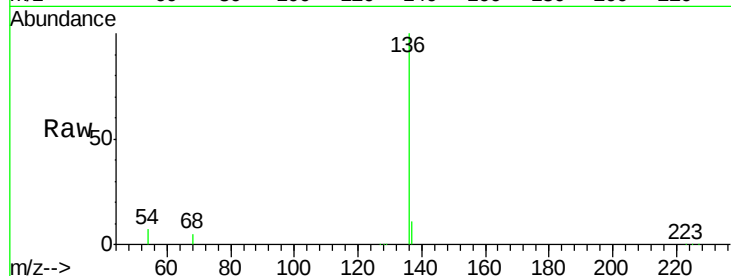
Ion Ratio Lower Upper

136 100

137 10.6 9.2 13.8

54 7.0 2.8 4.2#

68 5.4 2.5 3.7#



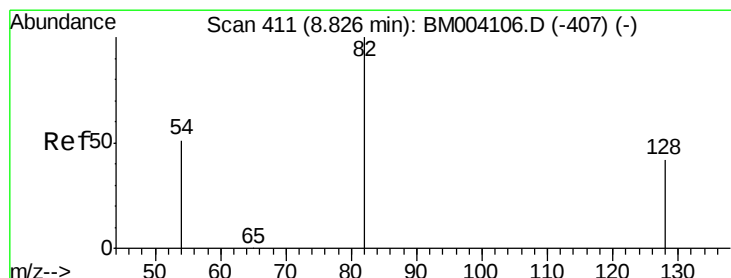
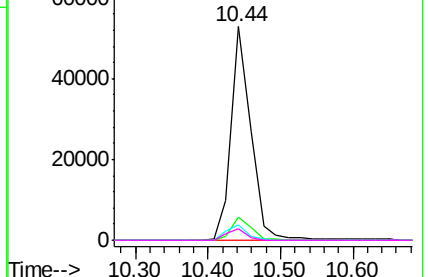
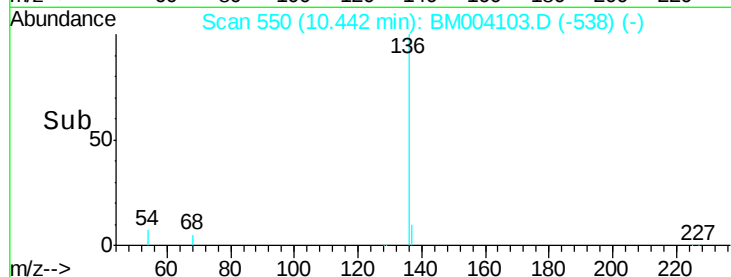
Abundance Ion 136.00 (135.70 to 136.70): E

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

Time-->



#8

Nitrobenzene-d5

Concen: 0.03 ng

RT: 8.73 min Scan# 402

Delta R.T. -0.09 min

Lab File: BM004103.D

Acq: 22 Jan 2016 10:28

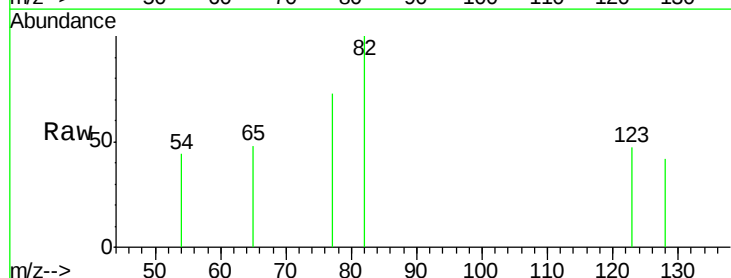
Tgt Ion: 82 Resp: 127

Ion Ratio Lower Upper

82 100

128 42.4 39.1 58.7

54 43.9 34.8 52.2

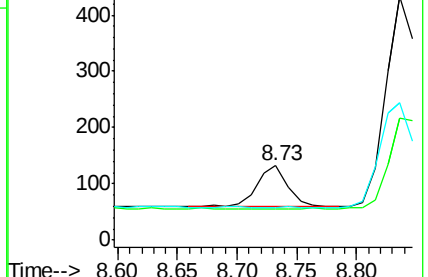
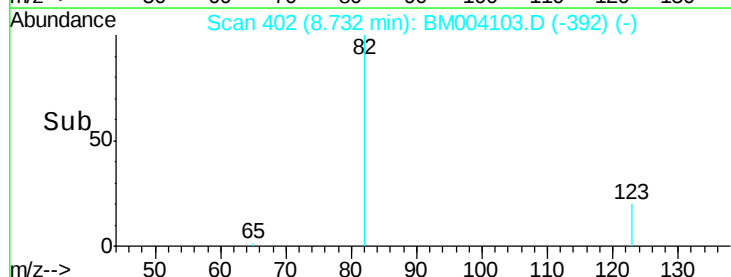


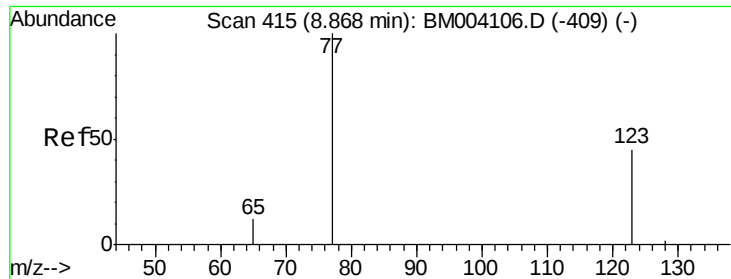
Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM

Time-->

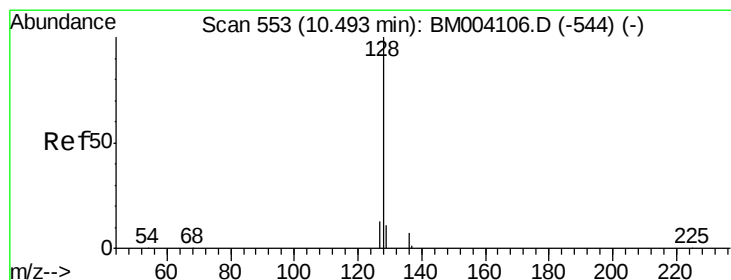
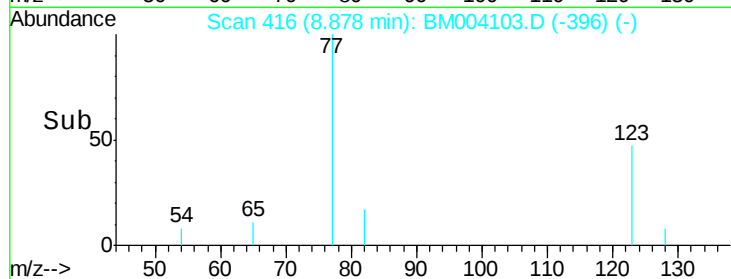
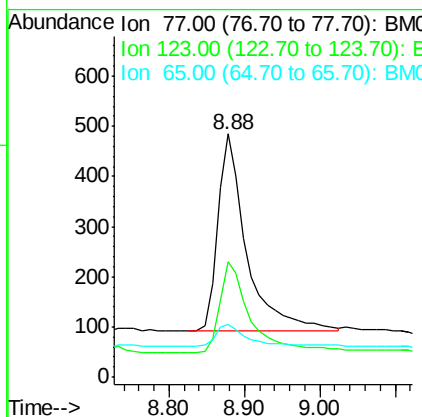
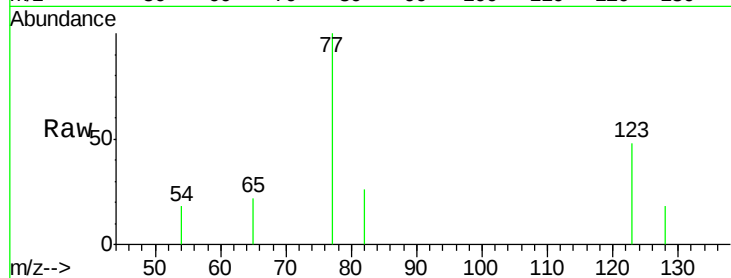




#9
 Nitrobenzene
 Concen: 0.20 ng
 RT: 8.88 min Scan# 416
 Delta R.T. 0.01 min
 Lab File: BM004103.D
 Acq: 22 Jan 2016 10:28

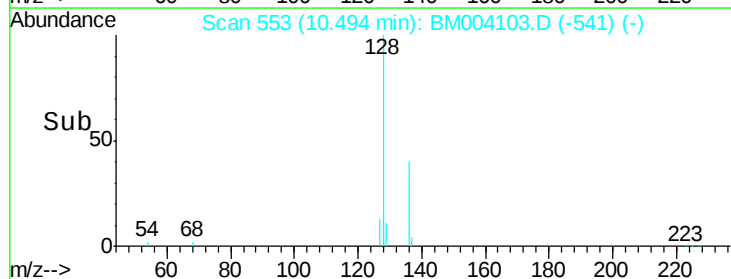
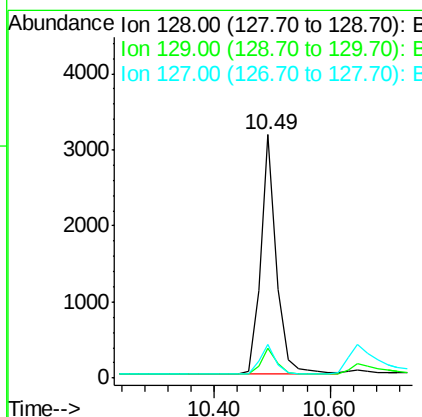
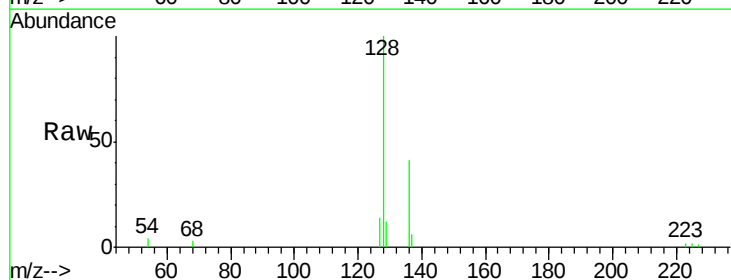
Instrument :
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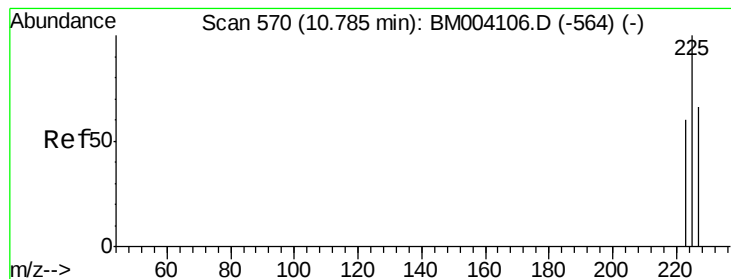
Tot Ion: 77 Resp: 1062
 Ion Ratio Lower Upper
 77 100
 123 48.4 38.6 57.8
 65 12.1 9.9 14.9



#10
 Naphthalene
 Concen: 0.27 ng
 RT: 10.49 min Scan# 553
 Delta R.T. 0.00 min
 Lab File: BM004103.D
 Acq: 22 Jan 2016 10:28

Tgt Ion: 128 Resp: 5929
 Ion Ratio Lower Upper
 128 100
 129 12.4 8.5 12.7
 127 13.9 11.0 16.4





#11

Hexachlorobutadiene

Concen: 0.28 ng

RT: 10.79 min Scan# 570

Delta R.T. 0.00 min

Lab File: BM004103.D

Acq: 22 Jan 2016 10:28

Instrument :

BNA_M

ClientSampleId :

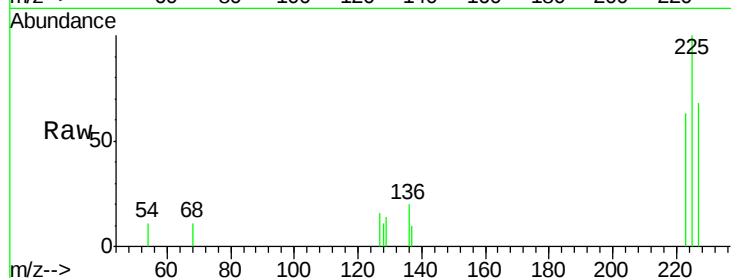
Tot Ion:225 Resp: 914

Ion Ratio Lower Upper

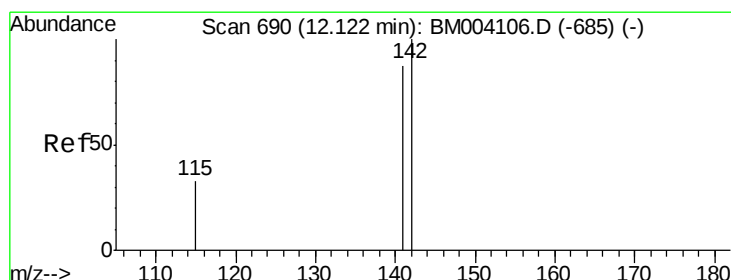
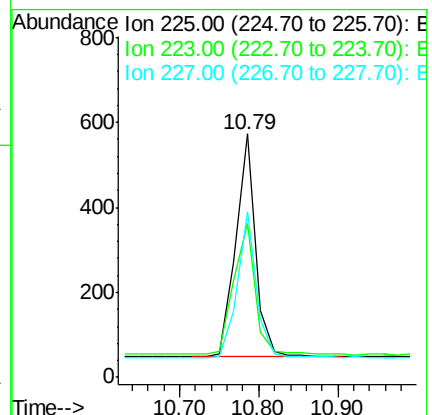
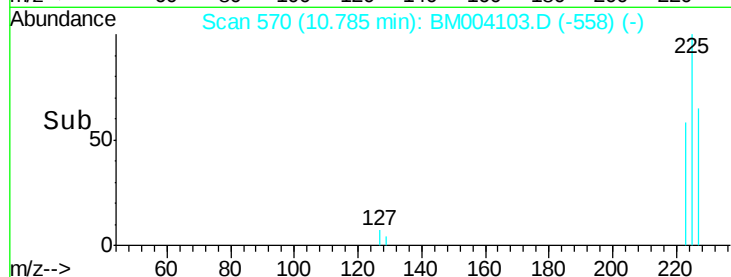
225 100

223 64.6 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: 0.26 ng

RT: 12.12 min Scan# 690

Delta R.T. 0.00 min

Lab File: BM004103.D

Acq: 22 Jan 2016 10:28

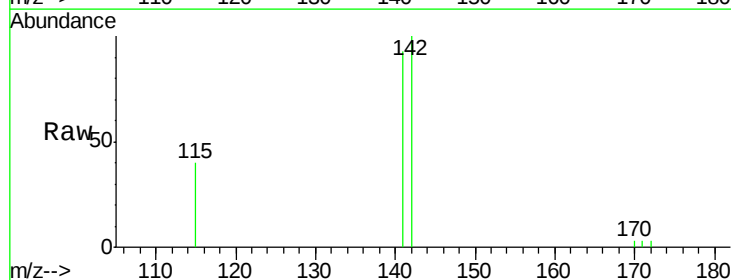
Tgt Ion:142 Resp: 3844

Ion Ratio Lower Upper

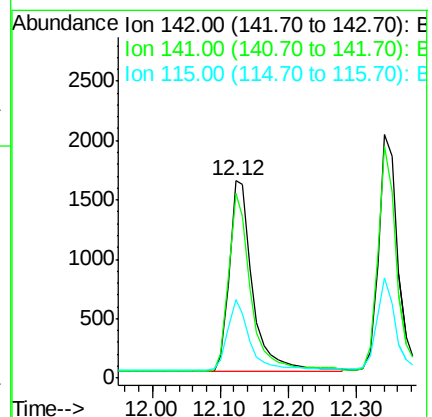
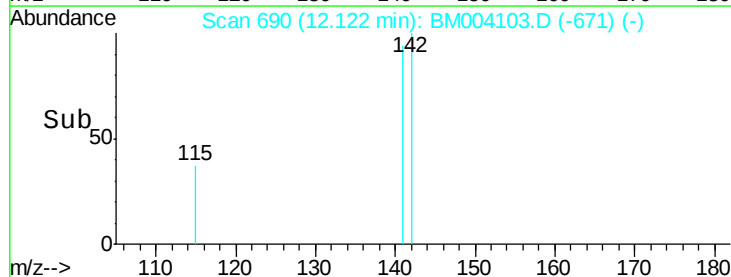
142 100

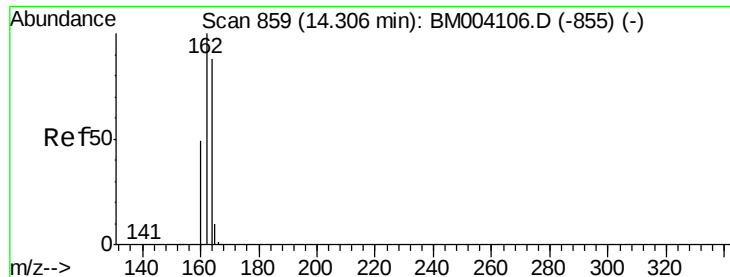
141 93.4 67.8 101.8

115 39.8 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: 14.31 min Scan# 859

Delta R.T. 0.00 min

Lab File: BM004103.D

Acq: 22 Jan 2016 10:28

Instrument :

BNA_M

ClientSampleId :

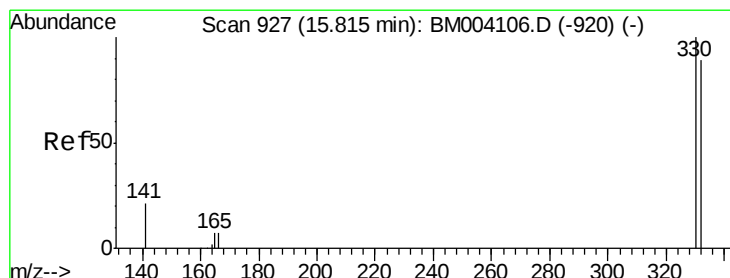
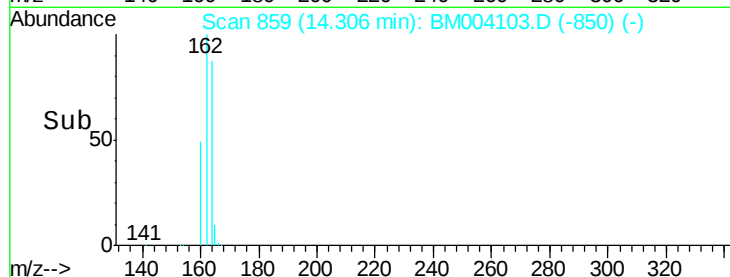
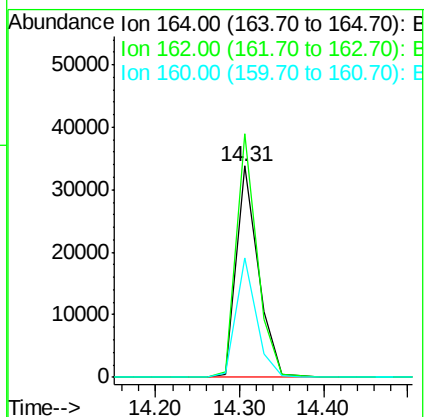
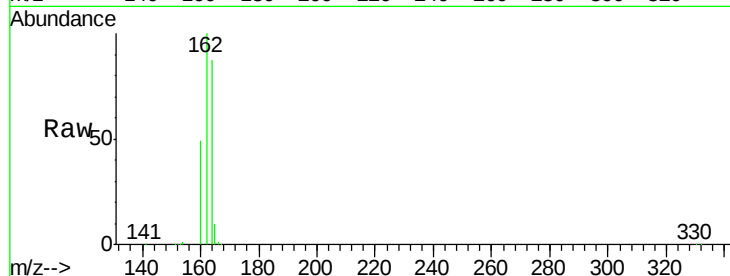
Tot Ion:164 Resp: 60376

Ion Ratio Lower Upper

164 100

162 115.3 86.0 129.0

160 56.7 40.3 60.5



#14

2,4,6-Tribromophenol

Concen: 0.27 ng

RT: 15.82 min Scan# 927

Delta R.T. 0.00 min

Lab File: BM004103.D

Acq: 22 Jan 2016 10:28

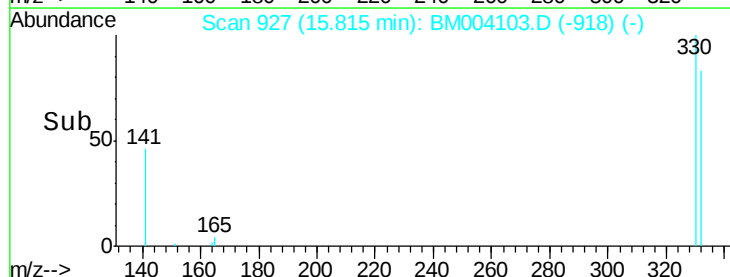
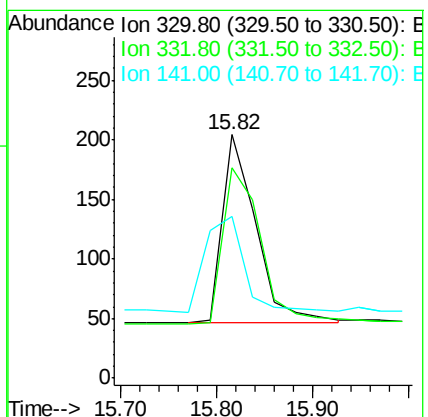
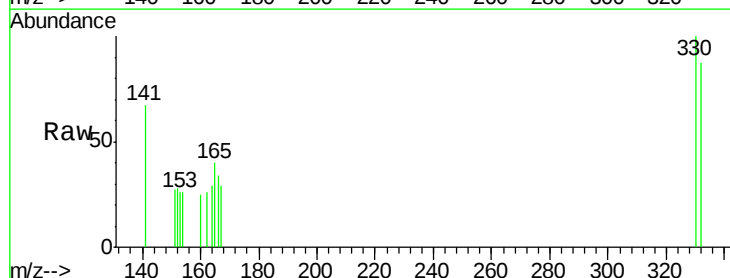
Tgt Ion:330 Resp: 381

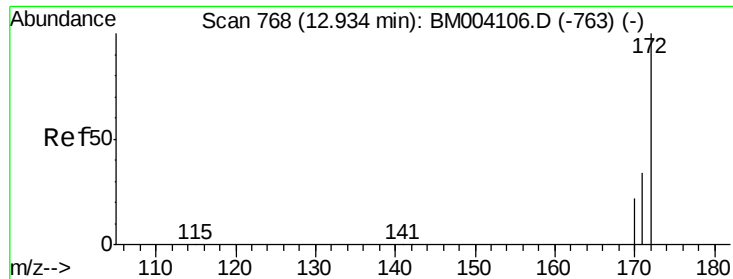
Ion Ratio Lower Upper

330 100

332 95.5 79.0 118.4

141 58.0 27.8 41.6#

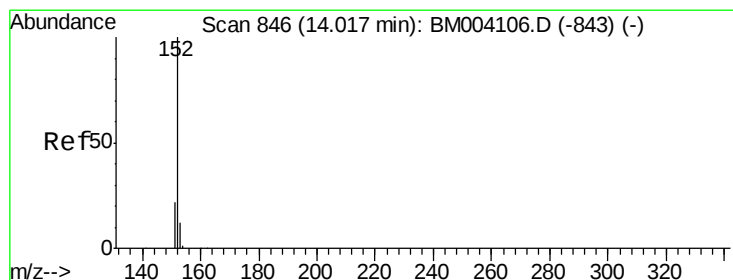
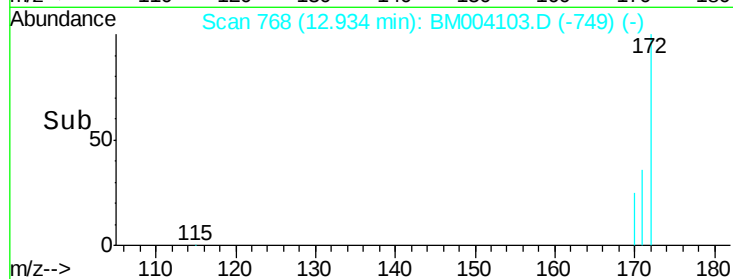
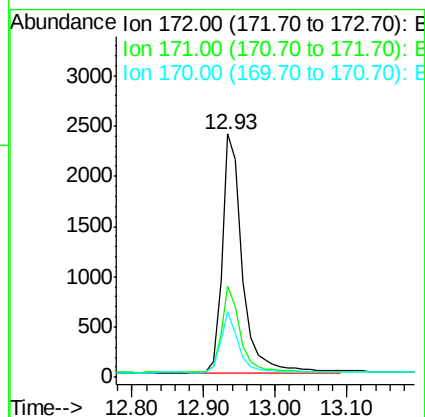
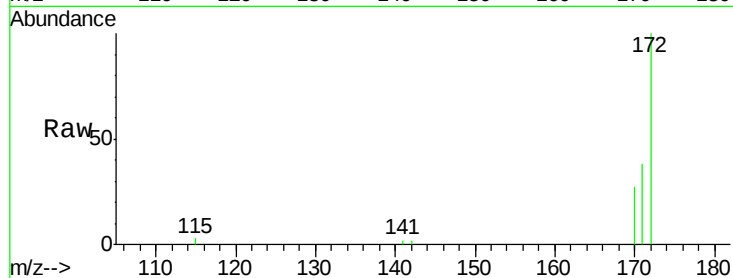




#15
 2-Fluorobiphenyl
 Concen: 0.24 ng
 RT: 12.93 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BM004103.D
 Acq: 22 Jan 2016 10:28

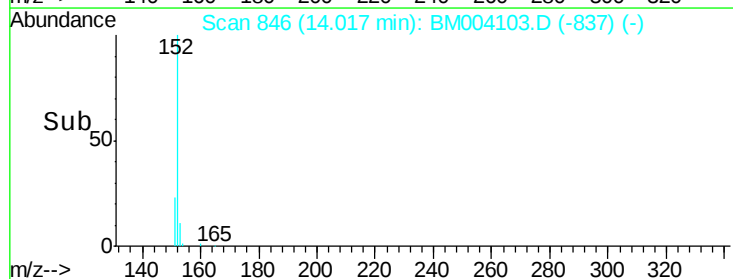
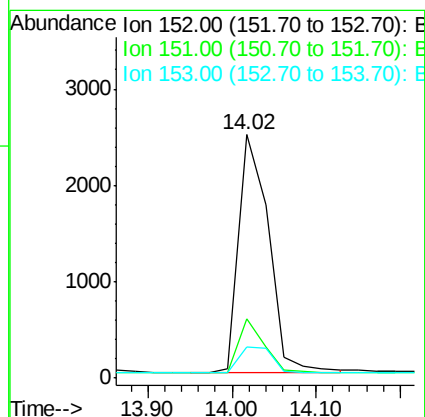
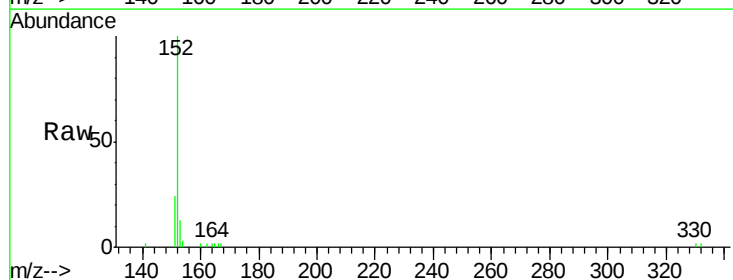
Instrument :
 BNA_M
 ClientSampleId :

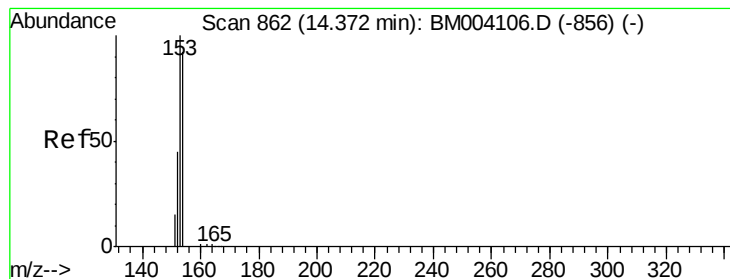
Tot Ion:172 Resp: 4662
 Ion Ratio Lower Upper
 172 100
 171 37.7 27.0 40.6
 170 26.9 17.9 26.9#



#16
 Acenaphthylene
 Concen: 0.24 ng
 RT: 14.02 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BM004103.D
 Acq: 22 Jan 2016 10:28

Tgt Ion:152 Resp: 6086
 Ion Ratio Lower Upper
 152 100
 151 19.8 15.8 23.8
 153 12.8 10.2 15.4





#17

Acenaphthene

Concen: 0.30 ng

RT: 14.37 min Scan# 862

Delta R.T. 0.00 min

Lab File: BM004103.D

Acq: 22 Jan 2016 10:28

Instrument :

BNA_M

ClientSampleId :

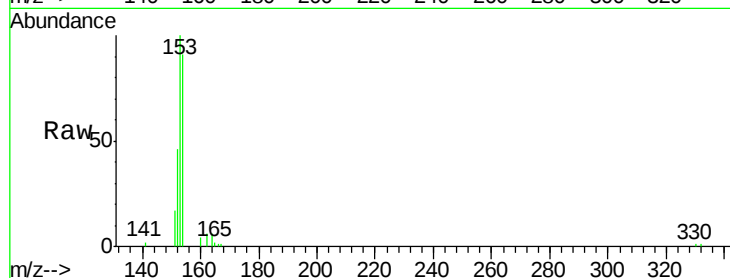
Tot Ion:154 Resp: 5223

Ion Ratio Lower Upper

154 100

153 106.9 85.4 128.2

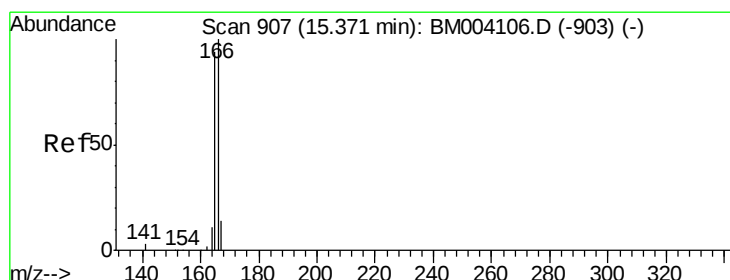
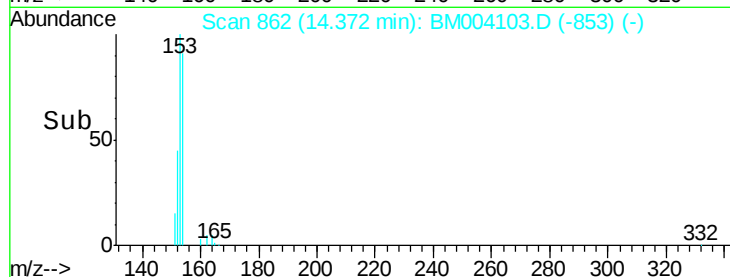
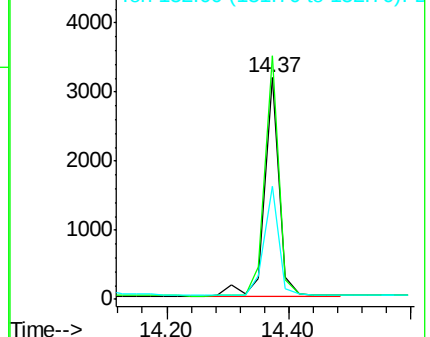
152 50.2 40.6 60.8



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: 0.29 ng

RT: 15.37 min Scan# 907

Delta R.T. 0.00 min

Lab File: BM004103.D

Acq: 22 Jan 2016 10:28

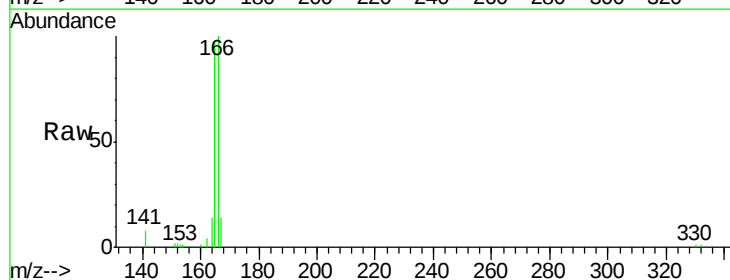
Tgt Ion:166 Resp: 6116

Ion Ratio Lower Upper

166 100

165 97.6 77.2 115.8

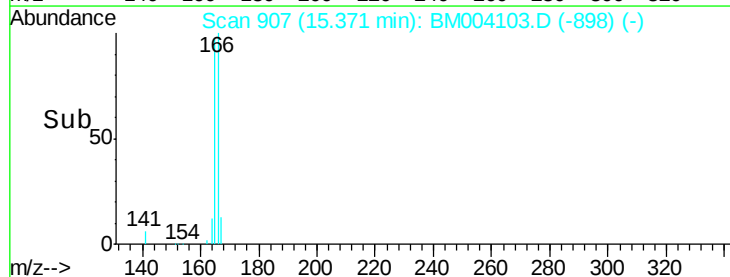
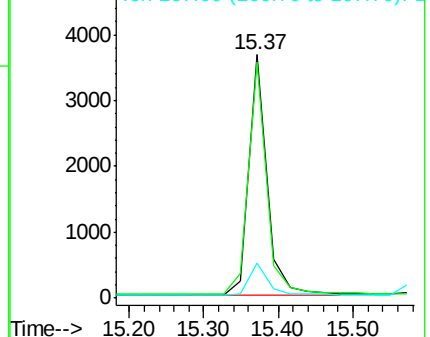
167 13.5 11.0 16.6

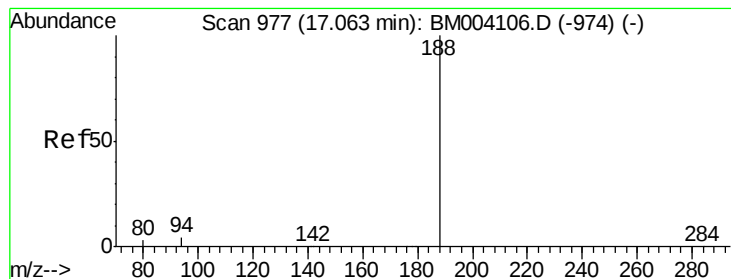


Abundance Ion 166.00 (165.70 to 166.70): E

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: BM004103.D

Acq: 22 Jan 2016 10:28

Instrument :

BNA_M

ClientSampleId :

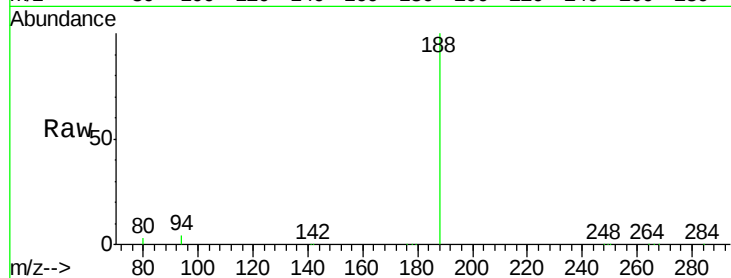
Tot Ion:188 Resp: 168196

Ion Ratio Lower Upper

188 100

94 3.9 20.3 30.5#

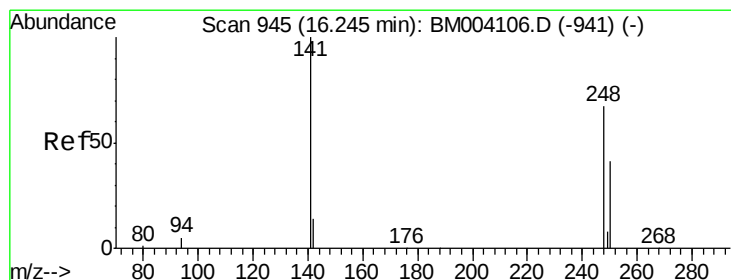
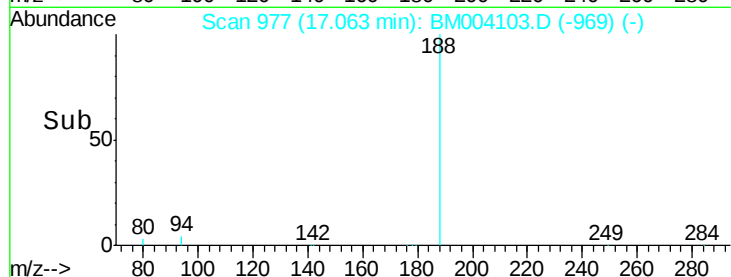
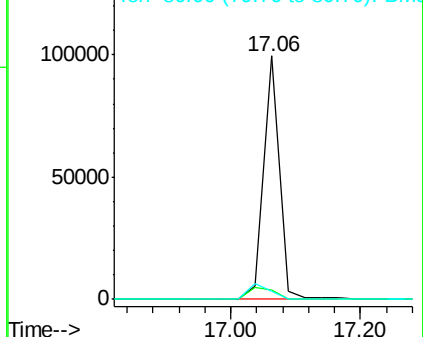
80 3.3 22.2 33.4#



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: 0.26 ng

RT: 16.24 min Scan# 945

Delta R.T. 0.00 min

Lab File: BM004103.D

Acq: 22 Jan 2016 10:28

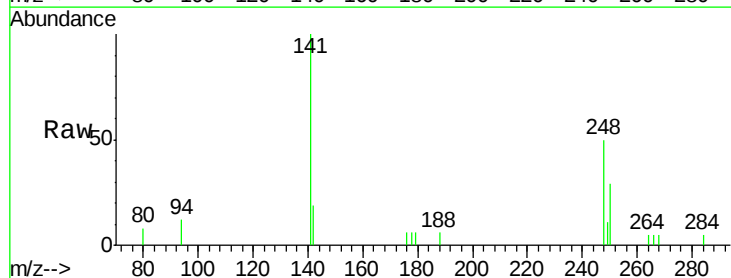
Tgt Ion:248 Resp: 1360

Ion Ratio Lower Upper

248 100

250 0.0 75.0 112.4#

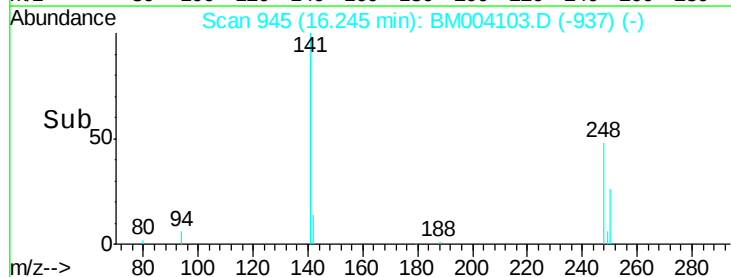
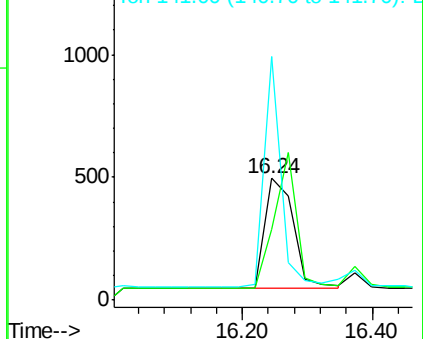
141 122.6 53.0 79.4#

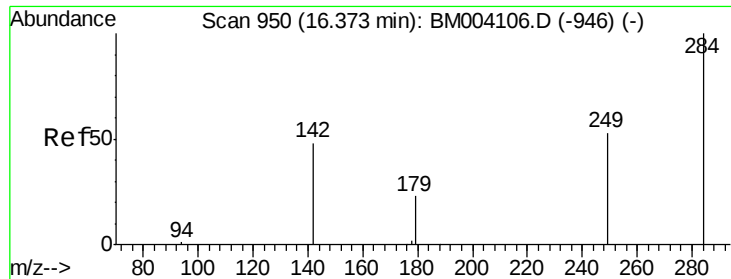


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

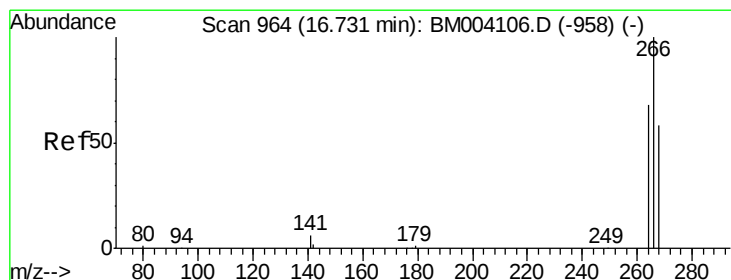
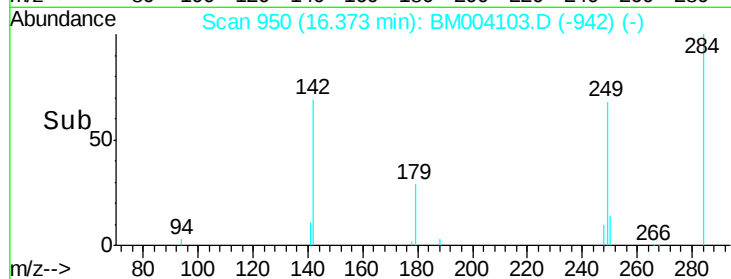
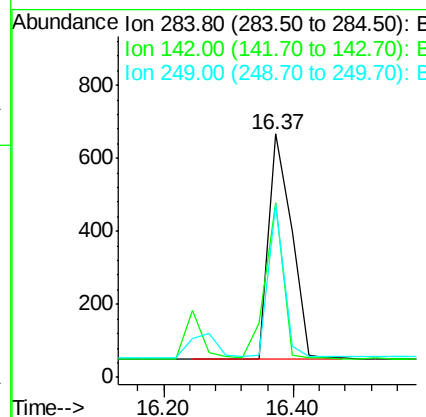
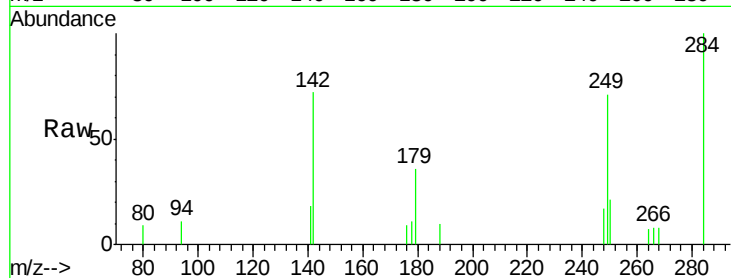




#21
Hexachlorobenzene
Concen: 0.27 ng
RT: 16.37 min Scan# 950
Delta R.T. 0.00 min
Lab File: BM004103.D
Acq: 22 Jan 2016 10:28

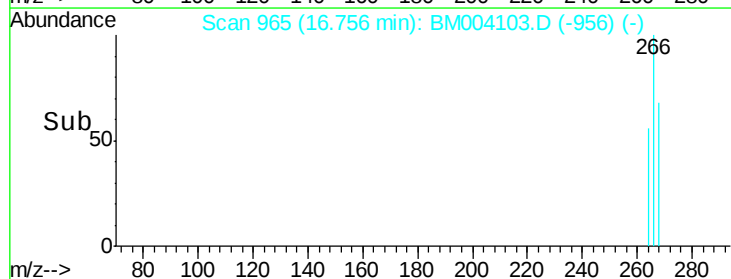
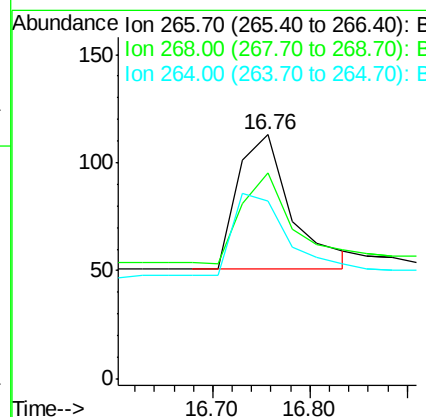
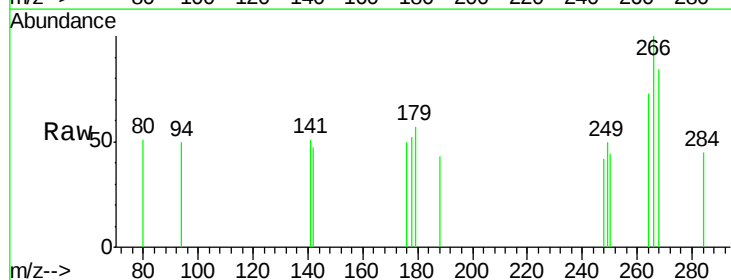
Instrument :
BNA_M
ClientSampleId :

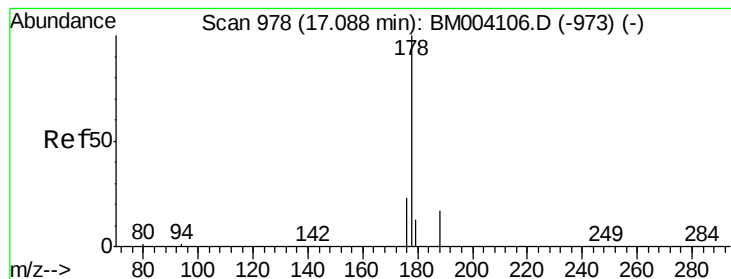
Tot Ion:284 Resp: 1517
Ion Ratio Lower Upper
284 100
142 54.3 22.2 33.4#
249 46.2 21.5 32.3#



#22
Pentachlorophenol
Concen: 0.16 ng
RT: 16.76 min Scan# 965
Delta R.T. 0.03 min
Lab File: BM004103.D
Acq: 22 Jan 2016 10:28

Tgt Ion:266 Resp: 236
Ion Ratio Lower Upper
266 100
268 84.1 62.7 94.1
264 72.6 45.7 68.5#





#23

Phenanthrene

Concen: 0.29 ng

RT: 17.09 min Scan# 978

Delta R.T. 0.00 min

Lab File: BM004103.D

Acq: 22 Jan 2016 10:28

Instrument :

BNA_M

ClientSampleId :

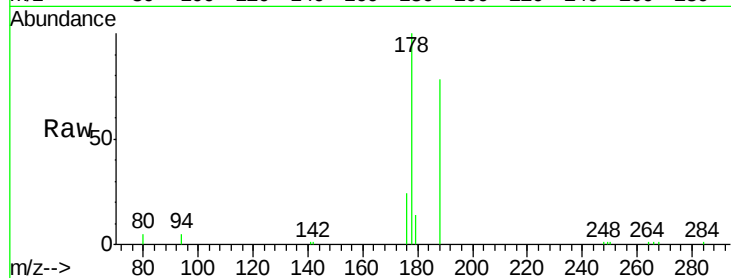
Tot Ion:178 Resp: 10063

Ion Ratio Lower Upper

178 100

176 19.7 15.4 23.0

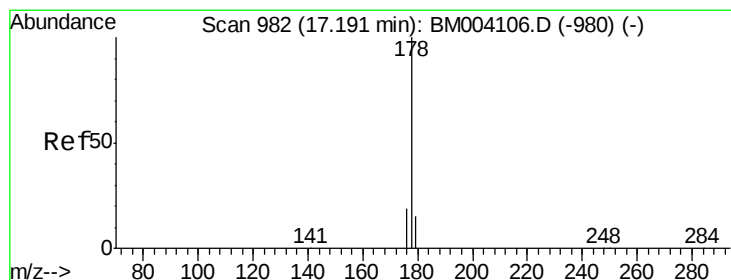
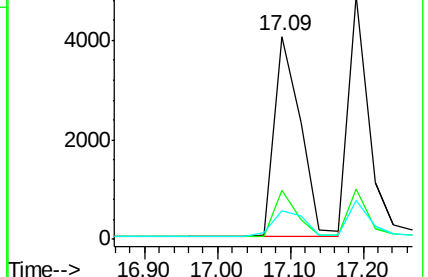
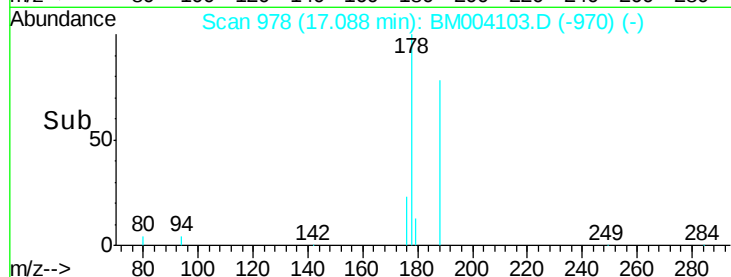
179 16.2 12.2 18.4



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: 0.27 ng

RT: 17.19 min Scan# 982

Delta R.T. 0.00 min

Lab File: BM004103.D

Acq: 22 Jan 2016 10:28

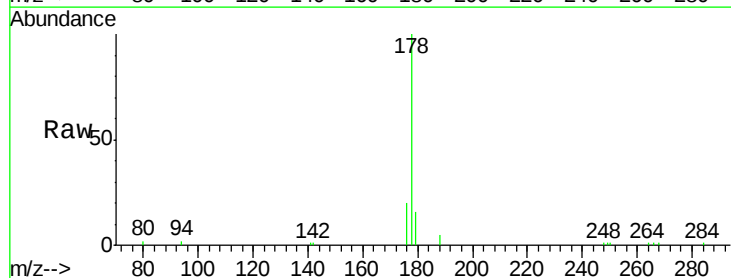
Tgt Ion:178 Resp: 9289

Ion Ratio Lower Upper

178 100

176 18.8 14.6 21.8

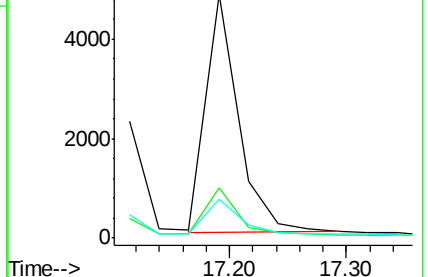
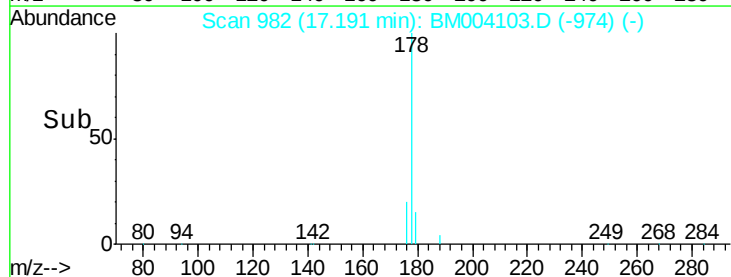
179 15.2 12.6 19.0

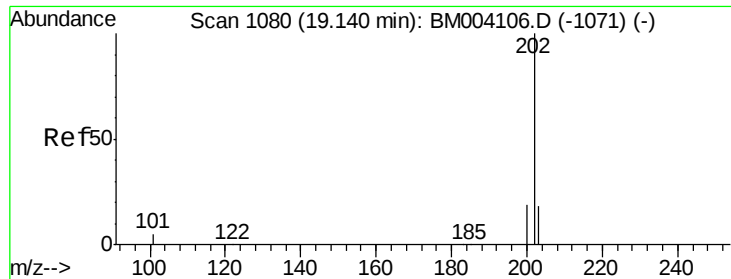


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 0.32 ng

RT: 19.14 min Scan# 1080

Delta R.T. 0.00 min

Lab File: BM004103.D

Acq: 22 Jan 2016 10:28

Instrument :

BNA_M

ClientSampleId :

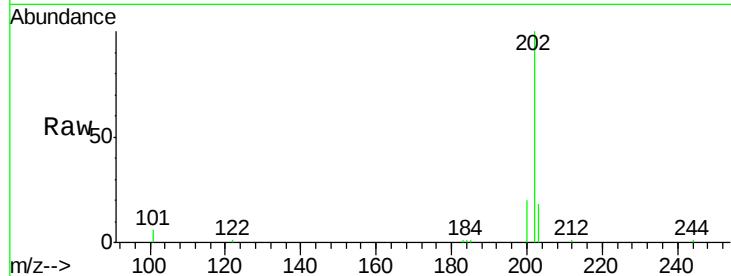
Tot Ion:202 Resp: 12055

Ion Ratio Lower Upper

202 100

101 11.6 9.7 14.5

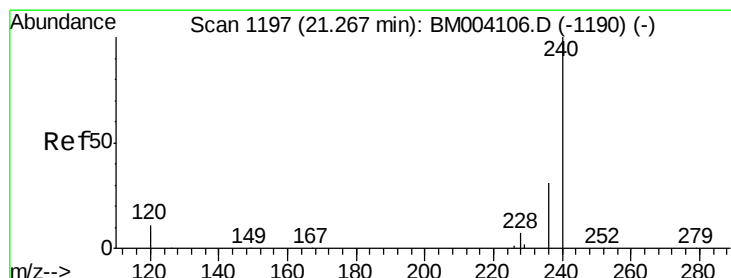
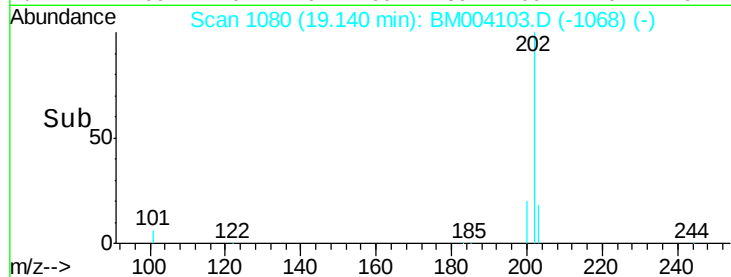
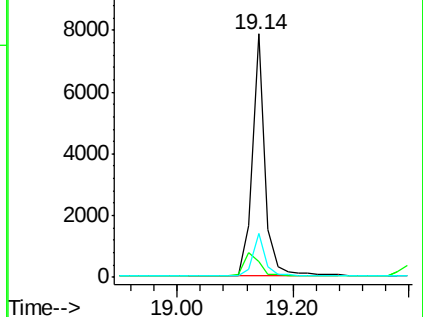
203 17.3 13.8 20.8



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: BM004103.D

Acq: 22 Jan 2016 10:28

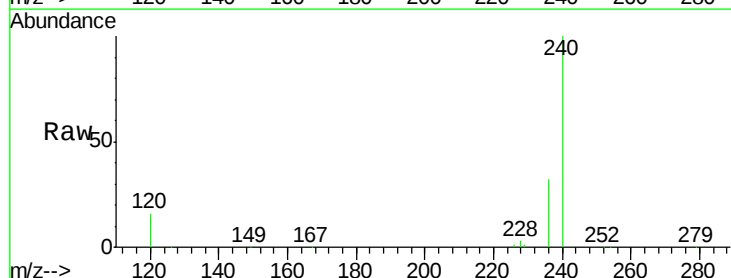
Tgt Ion:240 Resp: 166887

Ion Ratio Lower Upper

240 100

120 15.7 0.9 1.3#

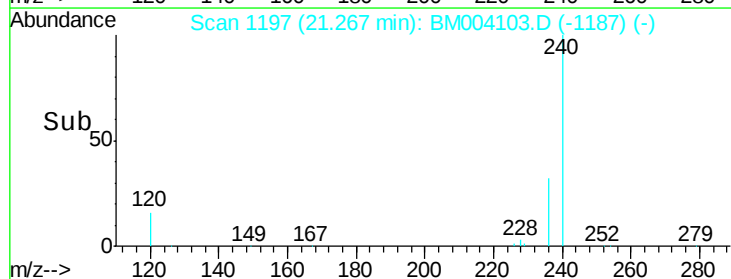
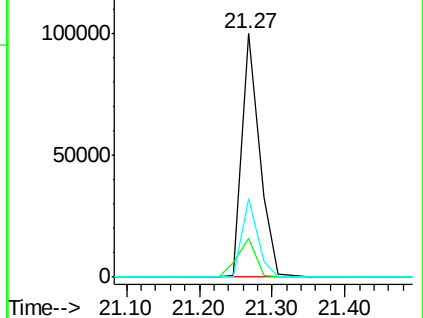
236 32.2 17.3 25.9#

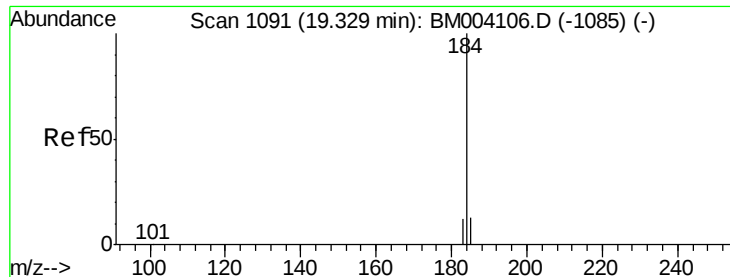


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

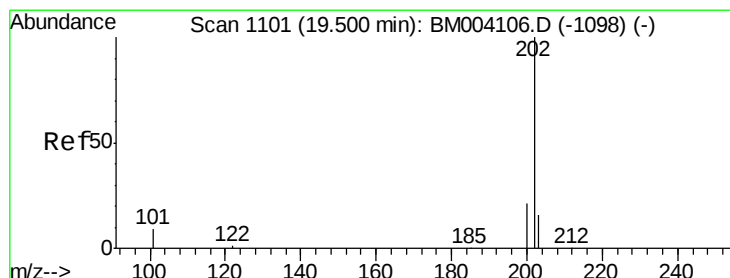
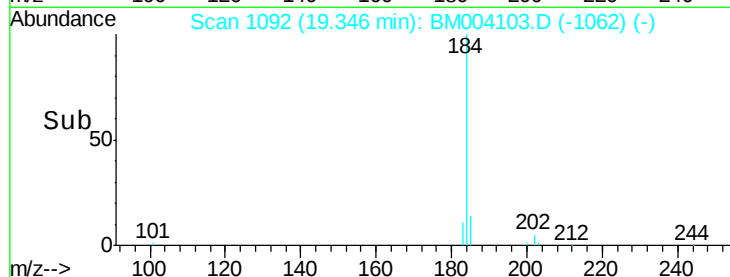
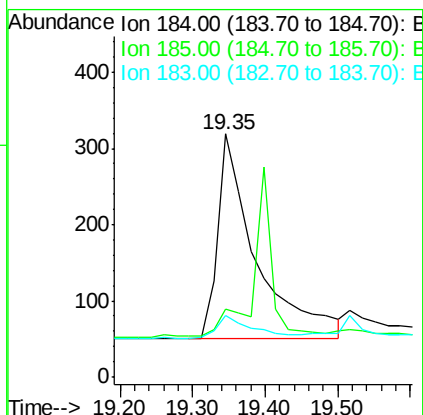
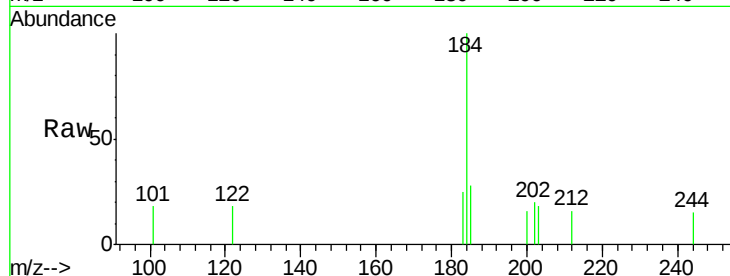




#27
Benzidine
Concen: 0.07 ng
RT: 19.35 min Scan# 1092
Delta R.T. 0.02 min
Lab File: BM004103.D
Acq: 22 Jan 2016 10:28

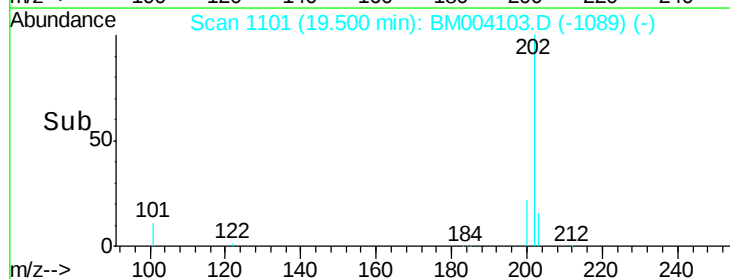
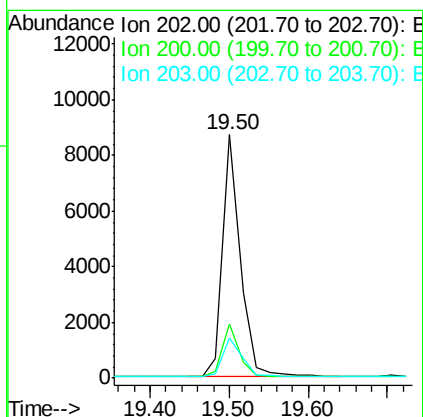
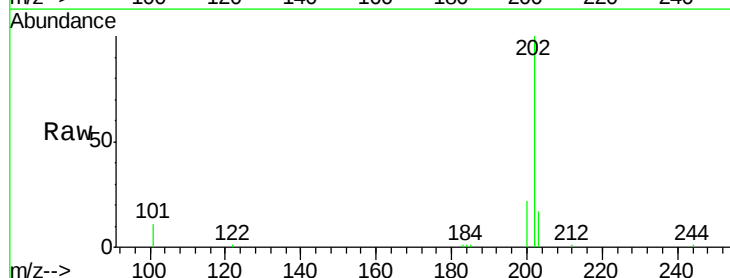
Instrument :
BNA_M
ClientSampleId :

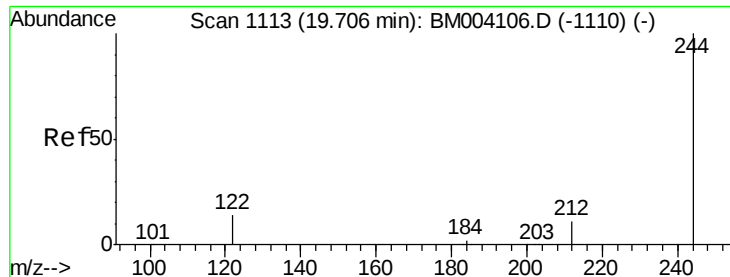
Tot Ion:184 Resp: 982
Ion Ratio Lower Upper
184 100
185 28.2 13.2 19.8#
183 25.1 9.0 13.6#



#28
Pyrene
Concen: 0.22 ng
RT: 19.50 min Scan# 1101
Delta R.T. 0.00 min
Lab File: BM004103.D
Acq: 22 Jan 2016 10:28

Tgt Ion:202 Resp: 13343
Ion Ratio Lower Upper
202 100
200 21.2 16.6 24.8
203 17.4 14.0 21.0





#29

Terphenyl-d14

Concen: 0.22 ng

RT: 19.71 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BM004103.D

Acq: 22 Jan 2016 10:28

Instrument :

BNA_M

ClientSampleId :

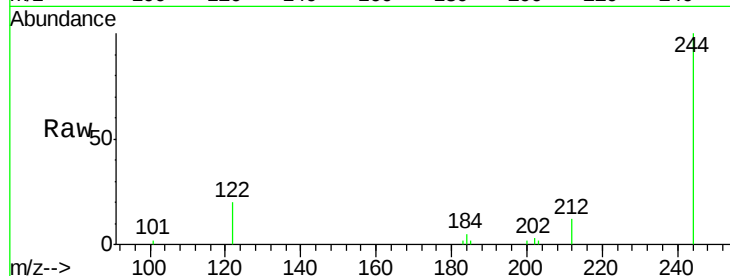
Tot Ion:244 Resp: 5895

Ion Ratio Lower Upper

244 100

212 12.4 7.0 10.6#

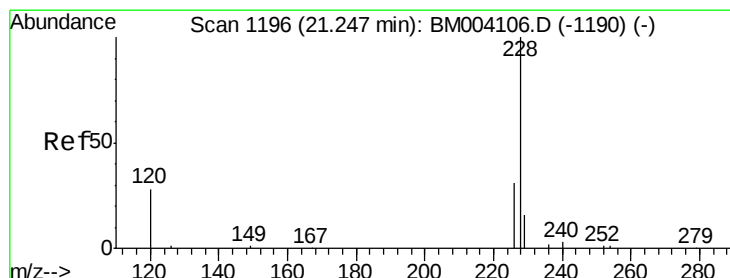
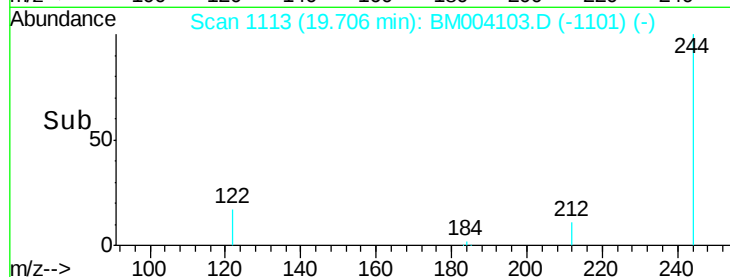
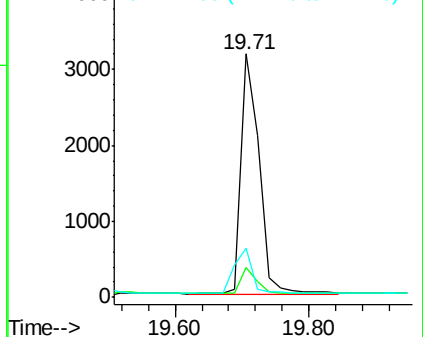
122 20.3 3.0 4.6#



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: 0.28 ng

RT: 21.25 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BM004103.D

Acq: 22 Jan 2016 10:28

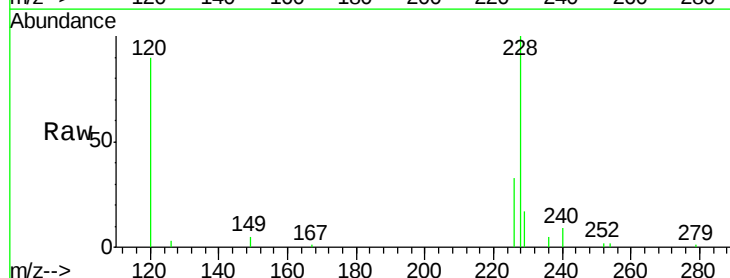
Tgt Ion:228 Resp: 13325

Ion Ratio Lower Upper

228 100

226 32.7 17.2 25.8#

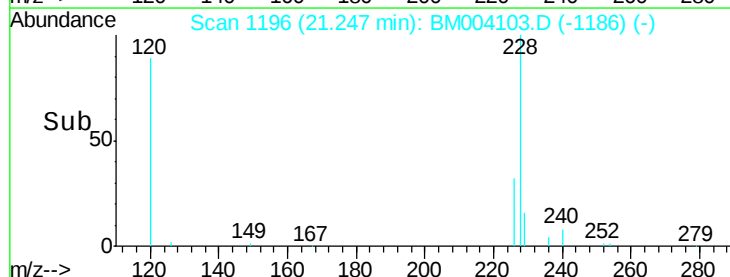
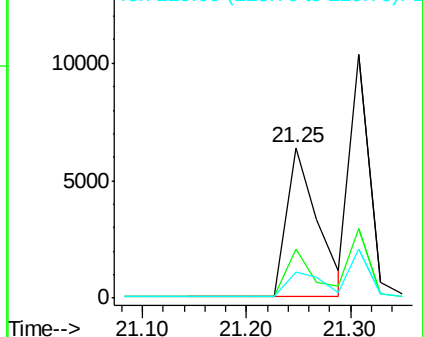
229 17.0 18.7 28.1#

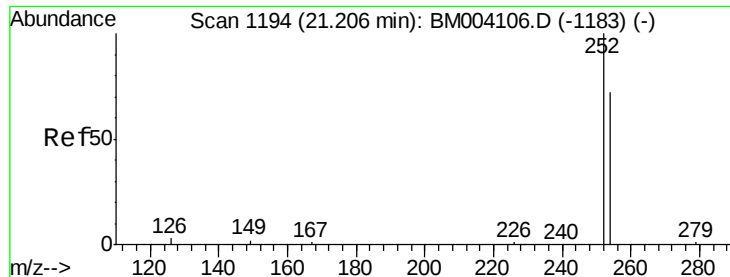


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

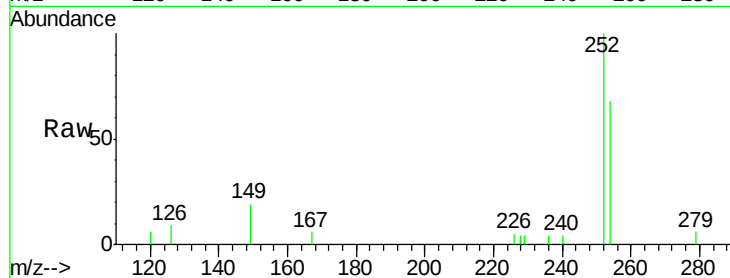




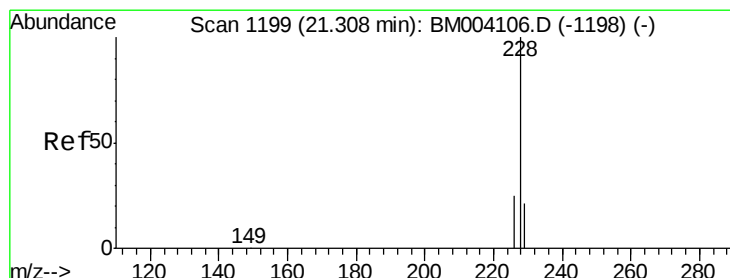
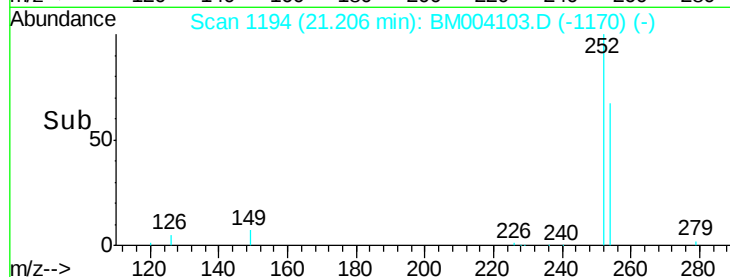
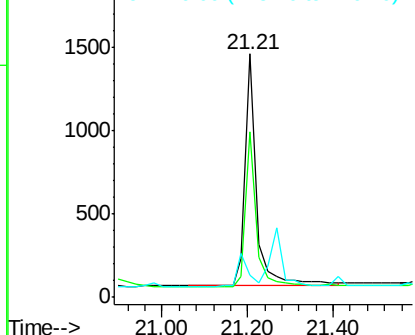
#31
 3,3'-Dichlorobenzidine
 Concen: 0.22 ng
 RT: 21.21 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BM004103.D
 Acq: 22 Jan 2016 10:28

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:252 Resp: 2640
 Ion Ratio Lower Upper
 252 100
 254 67.8 52.6 79.0
 126 9.2 3.7 5.5#

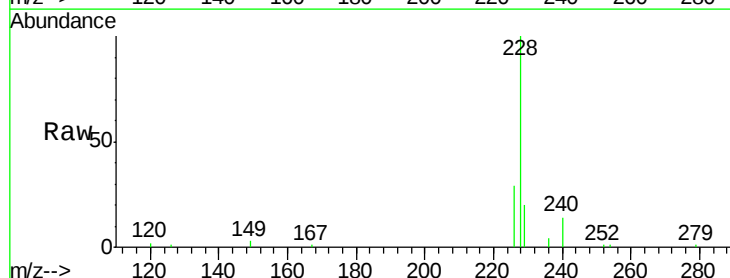


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

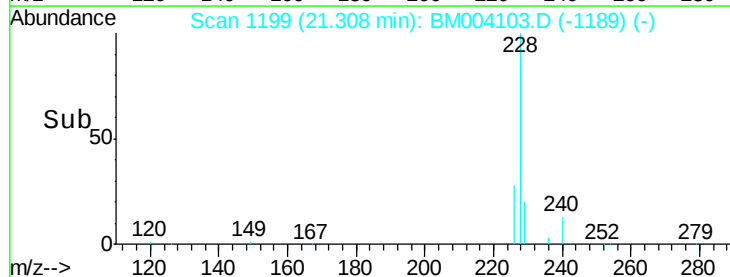
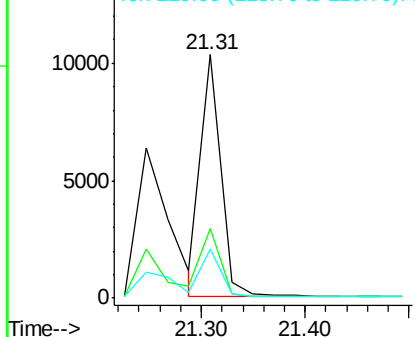


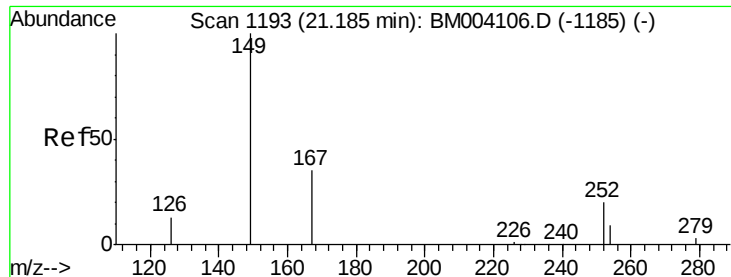
#32
 Chrysene
 Concen: 0.28 ng
 RT: 21.31 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BM004103.D
 Acq: 22 Jan 2016 10:28

Tgt Ion:228 Resp: 13617
 Ion Ratio Lower Upper
 228 100
 226 28.8 25.3 37.9
 229 20.3 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

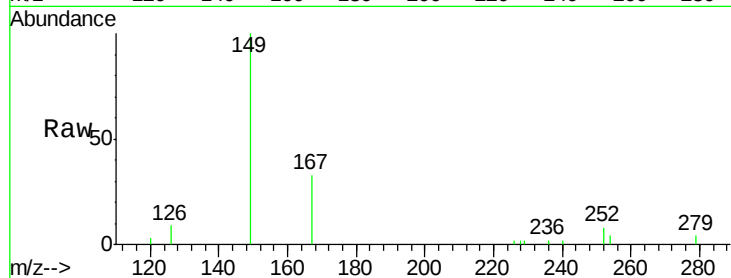




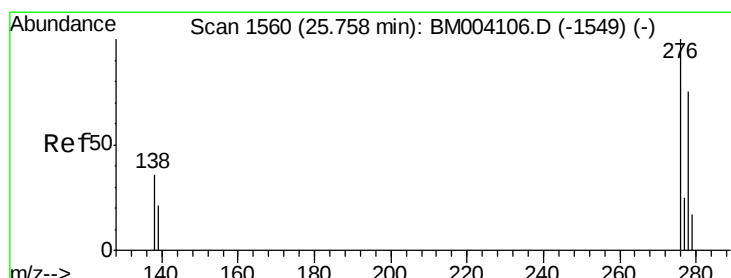
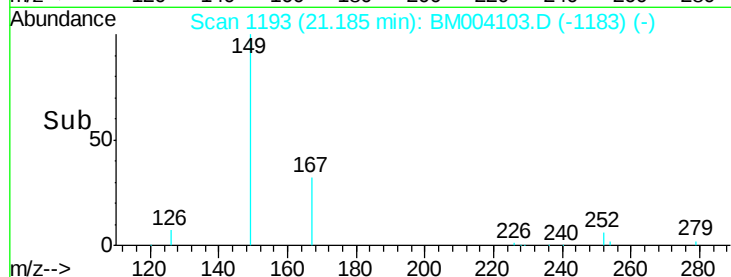
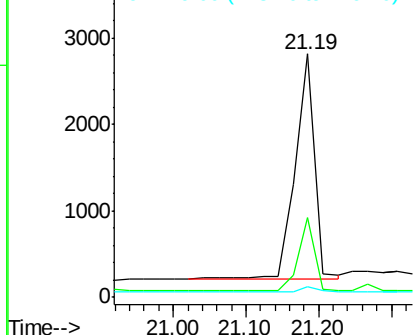
#33
 Bis(2-ethylhexyl)phthalate
 Concen: 0.23 ng
 RT: 21.19 min Scan# 1193
 Delta R.T. 0.00 min
 Lab File: BM004103.D
 Acq: 22 Jan 2016 10:28

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:149 Resp: 4772
 Ion Ratio Lower Upper
 149 100
 167 27.2 20.1 30.1
 279 2.7 1.8 2.6#

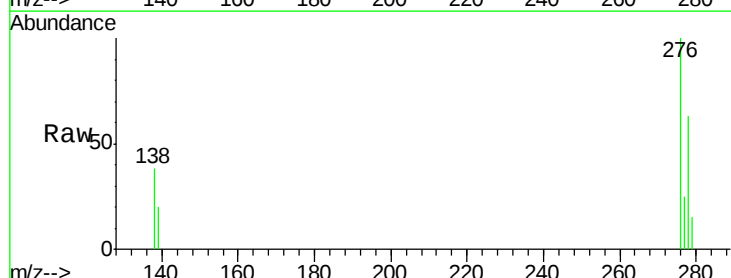


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

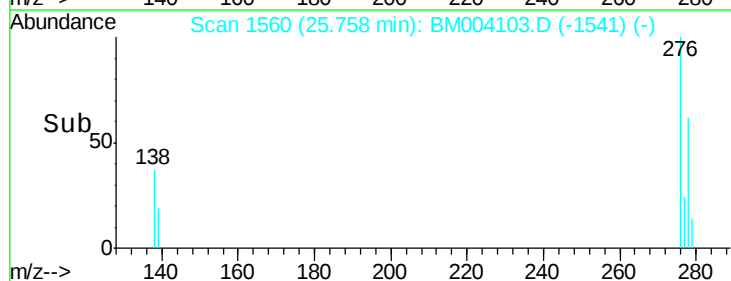
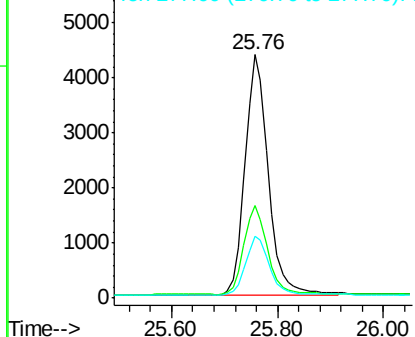


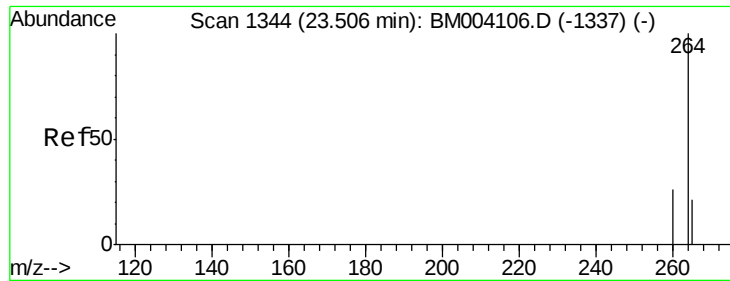
#34
 Indeno(1,2,3-cd)pyrene
 Concen: 0.38 ng
 RT: 25.76 min Scan# 1560
 Delta R.T. 0.00 min
 Lab File: BM004103.D
 Acq: 22 Jan 2016 10:28

Tgt Ion:276 Resp: 13296
 Ion Ratio Lower Upper
 276 100
 138 37.4 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

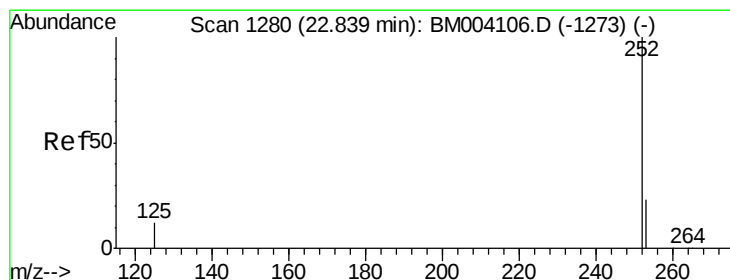
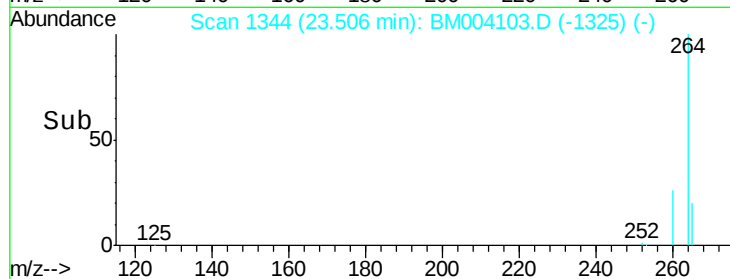
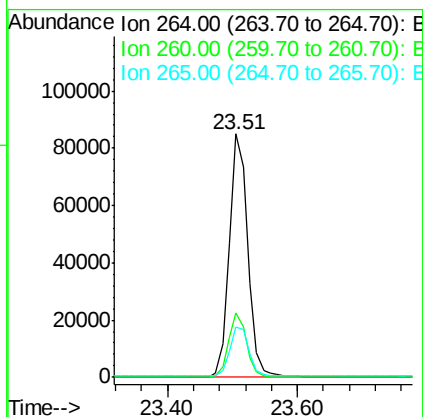
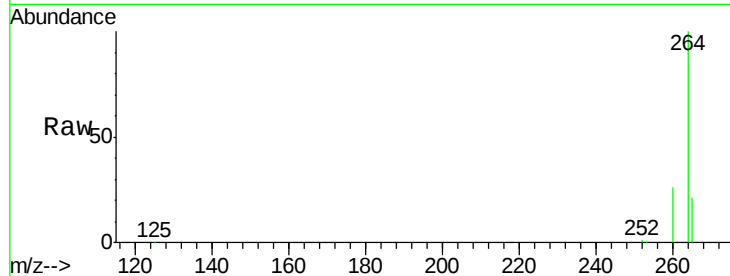




#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.51 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: BM004103.D
 Acq: 22 Jan 2016 10:28

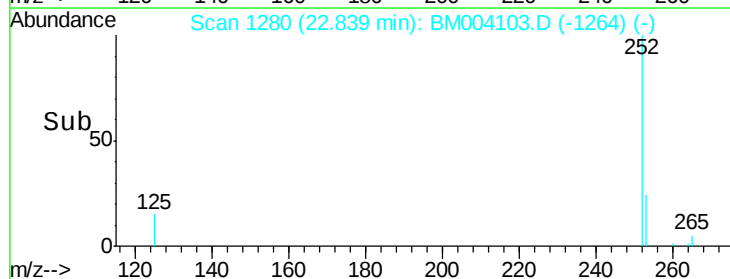
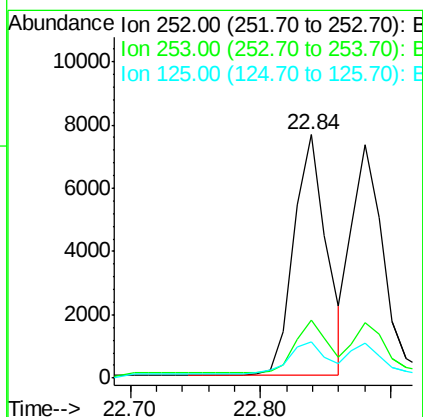
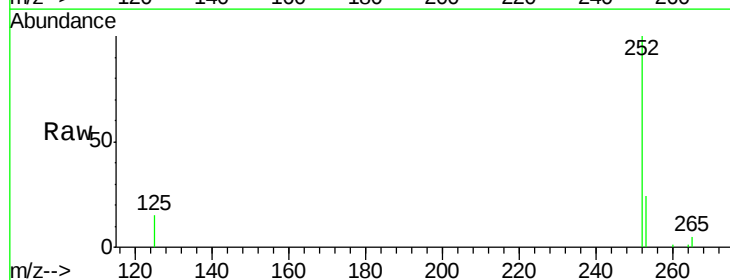
Instrument :
 BNA_M
 ClientSampleId :

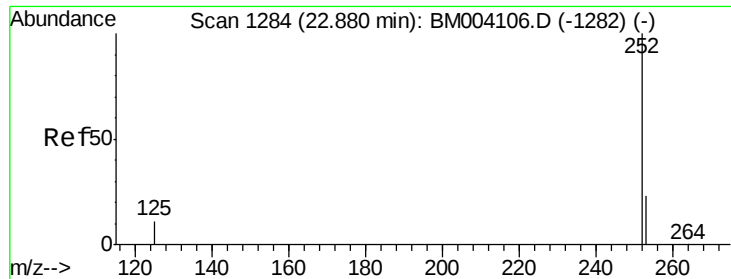
Tot Ion:264 Resp: 166609
 Ion Ratio Lower Upper
 264 100
 260 26.3 21.2 31.8
 265 20.8 16.7 25.1



#36
 Benzo(b)fluoranthene
 Concen: 0.26 ng
 RT: 22.84 min Scan# 1280
 Delta R.T. 0.00 min
 Lab File: BM004103.D
 Acq: 22 Jan 2016 10:28

Tgt Ion:252 Resp: 13153
 Ion Ratio Lower Upper
 252 100
 253 23.8 18.8 28.2
 125 14.7 10.2 15.4

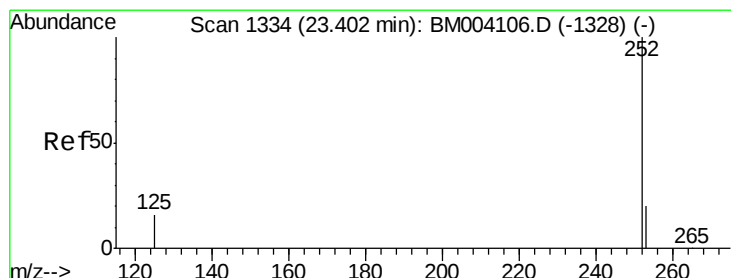
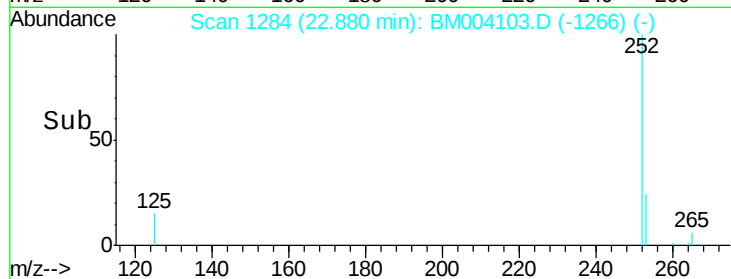
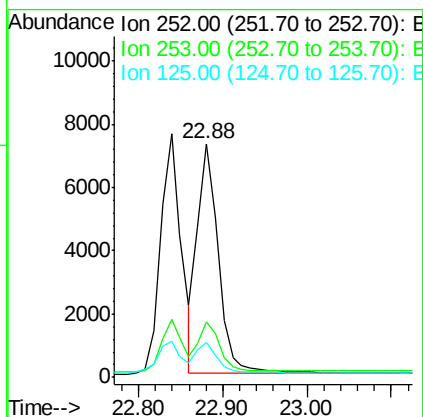
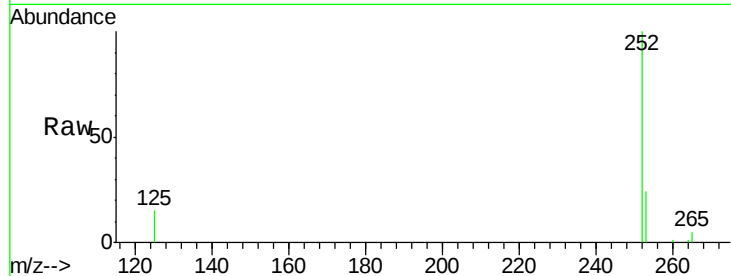




#37
Benzo(k)fluoranthene
Concen: 0.25 ng
RT: 22.88 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BM004103.D
Acq: 22 Jan 2016 10:28

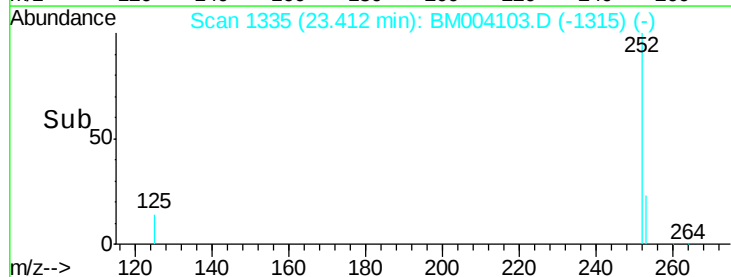
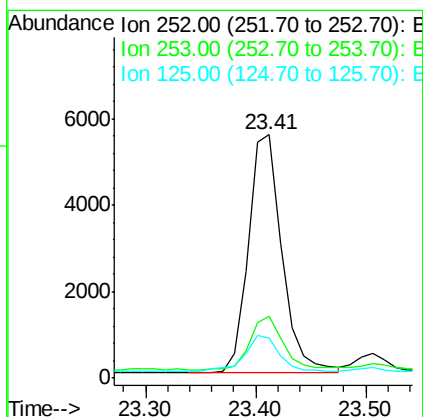
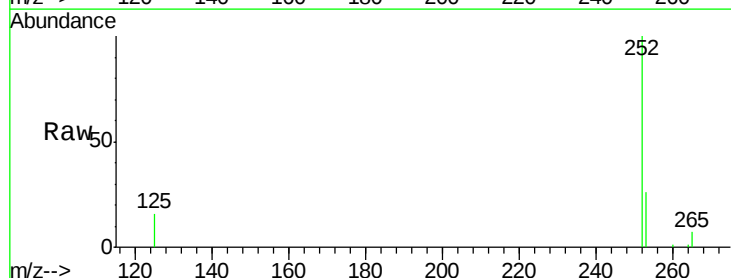
Instrument :
BNA_M
ClientSampleId :

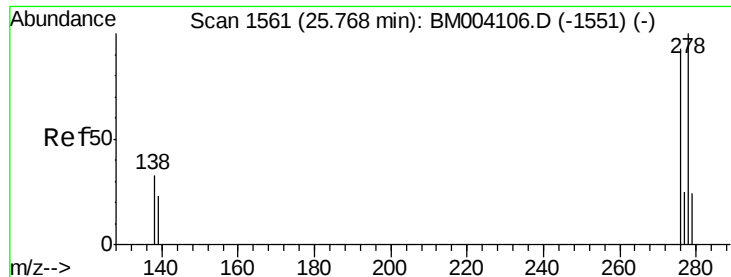
Tot Ion:252 Resp: 12372
Ion Ratio Lower Upper
252 100
253 23.7 18.3 27.5
125 14.9 10.6 15.8



#38
Benzo(a)pyrene
Concen: 0.27 ng
RT: 23.41 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BM004103.D
Acq: 22 Jan 2016 10:28

Tgt Ion:252 Resp: 11681
Ion Ratio Lower Upper
252 100
253 25.6 18.7 28.1
125 16.4 11.8 17.8





#39

Dibenzo(a,h)anthracene

Concen: 0.28 ng

RT: 25.77 min Scan# 1561

Delta R.T. 0.00 min

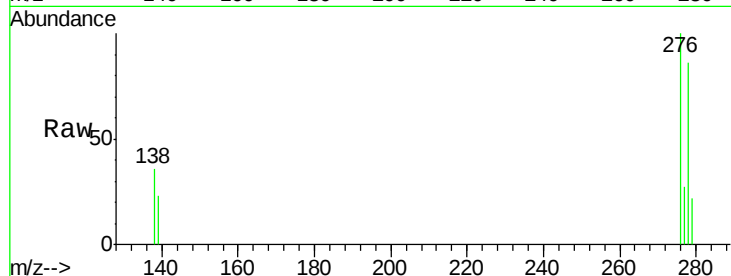
Lab File: BM004103.D

Acq: 22 Jan 2016 10:28

Instrument :

BNA_M

ClientSampleId :



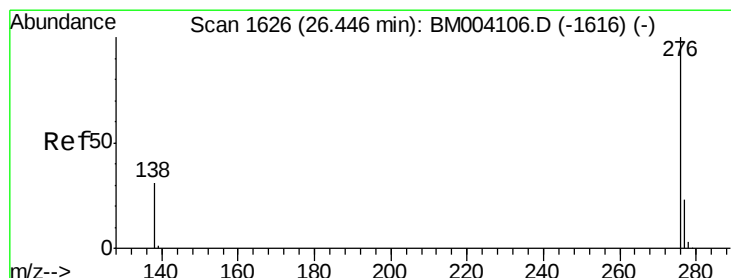
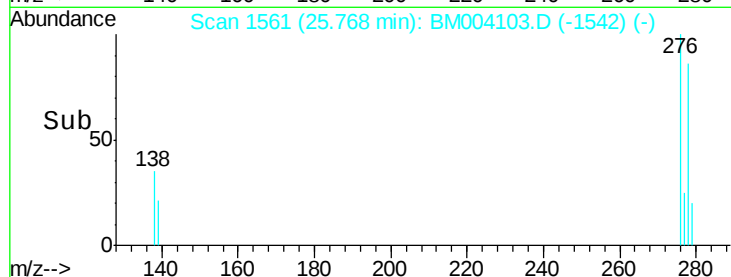
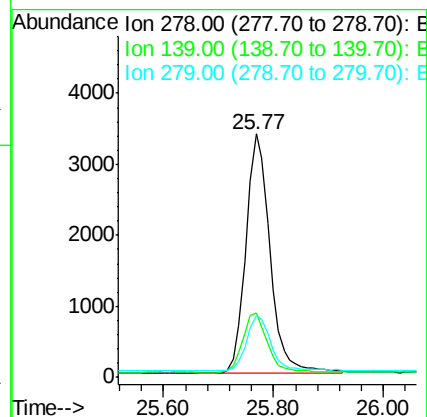
Tot Ion:278 Resp: 10440

Ion Ratio Lower Upper

278 100

139 26.3 19.0 28.6

279 25.6 19.6 29.4



#40

Benzo(g,h,i)perylene

Concen: 0.30 ng

RT: 26.45 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BM004103.D

Acq: 22 Jan 2016 10:28

Tgt Ion:276 Resp: 11716

Ion Ratio Lower Upper

276 100

277 24.4 19.1 28.7

138 33.9 25.0 37.4

