

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012316\
 Data File : BM004104.D
 Acq On : 22 Jan 2016 11:04
 Operator : SJ/UM
 Sample : SSTDICC0.5
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 22 13:14:31 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	22813	5.00	ng	0.00
7) Naphthalene-d8	10.44	136	97647	5.00	ng	0.00
13) Acenaphthene-d10	14.30	164	56246	5.00	ng	0.00
19) Phenanthrene-d10	17.06	188	170165	5.00	ng	0.00
26) Chrysene-d12	21.27	240	178132	5.00	ng	0.00
35) Perylene-d12	23.51	264	156945	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.27	112	2223	0.48	ng	0.00
5) Phenol-d6	6.85	99	2571	0.45	ng	0.00
8) Nitrobenzene-d5	8.83	82	1890	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	675	0.52	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	8392	0.46	ng	0.00
29) Terphenyl-d14	19.71	244	10237	0.35	ng	0.00

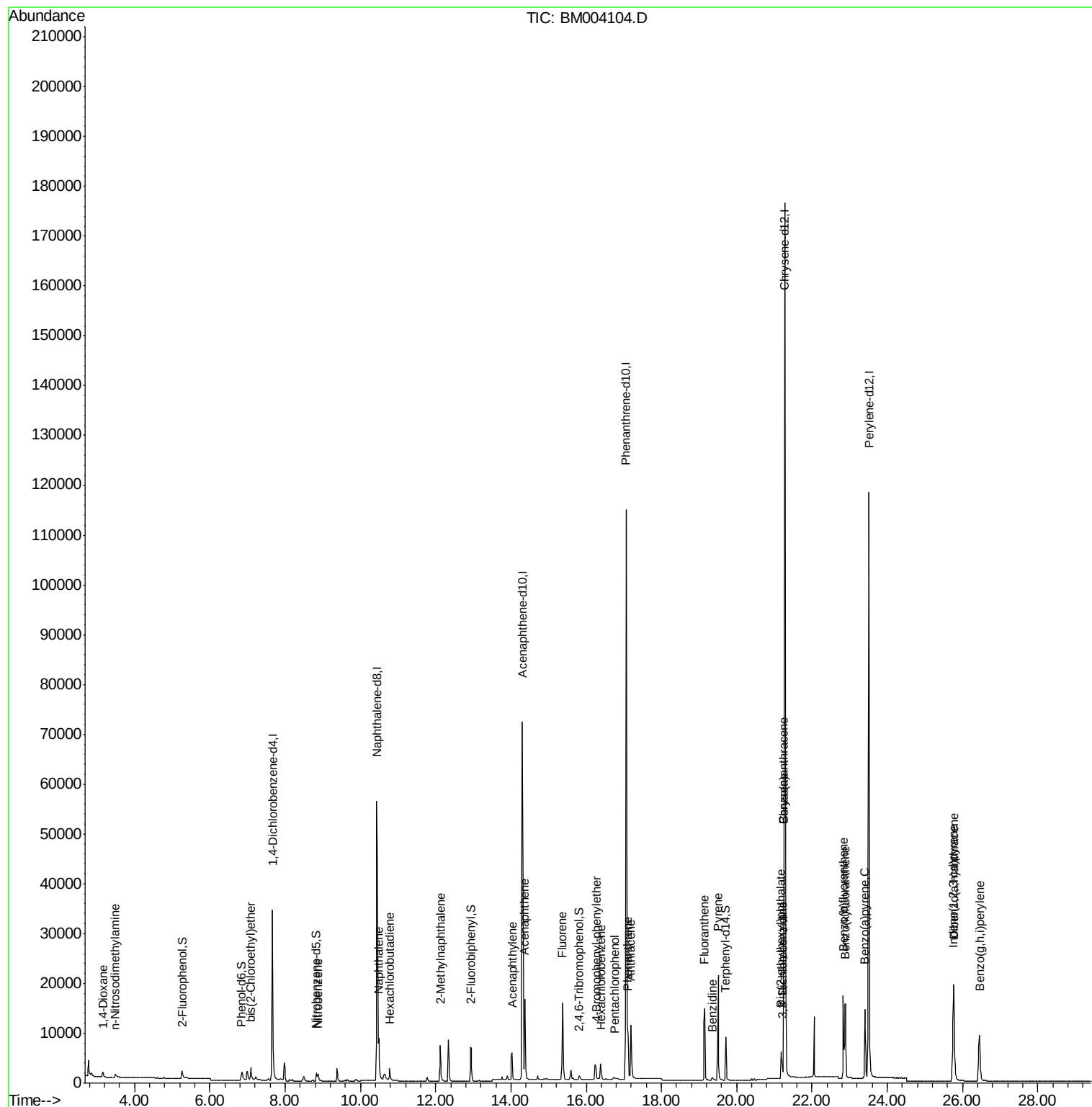
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.17	88	1201	0.55	ng	94
3) n-Nitrosodimethylamine	3.49	42	924	0.39	ng	95
6) bis(2-Chloroethyl)ether	7.09	93	2455	0.47	ng	97
9) Nitrobenzene	8.87	77	2100	0.40	ng	100
10) Naphthalene	10.49	128	10892	0.51	ng	99
11) Hexachlorobutadiene	10.78	225	1672	0.51	ng	100
12) 2-Methylnaphthalene	12.13	142	7019	0.49	ng	98
16) Acenaphthylene	14.04	152	10817	0.46	ng	# 74
17) Acenaphthene	14.37	154	8729	0.53	ng	95
18) Fluorene	15.37	166	10744	0.55	ng	97
20) 4-Bromophenyl-phenylether	16.27	248	2374	0.45	ng	# 60
21) Hexachlorobenzene	16.39	284	2529	0.45	ng	# 47
22) Pentachlorophenol	16.75	266	426	0.29	ng	# 88
23) Phenanthrene	17.11	178	16148	0.46	ng	# 75
24) Anthracene	17.19	178	15976	0.47	ng	97
25) Fluoranthene	19.14	202	20204	0.53	ng	100
27) Benzidine	19.35	184	2376	0.16	ng	# 83
28) Pyrene	19.50	202	21944	0.34	ng	100
30) Benzo(a)anthracene	21.25	228	28882	0.57	ng	# 88
31) 3,3'-Dichlorobenzidine	21.21	252	4411	0.34	ng	# 90
32) Chrysene	21.25	228	28871	0.55	ng	95
33) Bis(2-ethylhexyl)phthalate	21.17	149	7564	0.34	ng	# 98
34) Indeno(1,2,3-cd)pyrene	25.75	276	22204	0.59	ng	100
36) Benzo(b)fluoranthene	22.83	252	21154	0.44	ng	96
37) Benzo(k)fluoranthene	22.87	252	21889	0.47	ng	96
38) Benzo(a)pyrene	23.41	252	19746	0.48	ng	98
39) Dibenzo(a,h)anthracene	25.76	278	17507	0.50	ng	96
40) Benzo(g,h,i)perylene	26.45	276	19318	0.52	ng	100

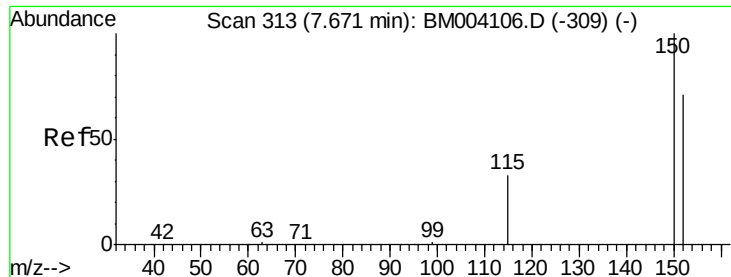
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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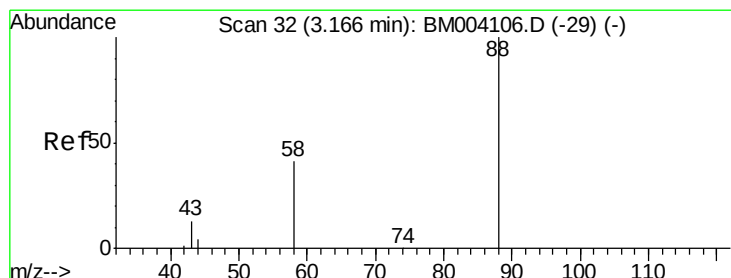
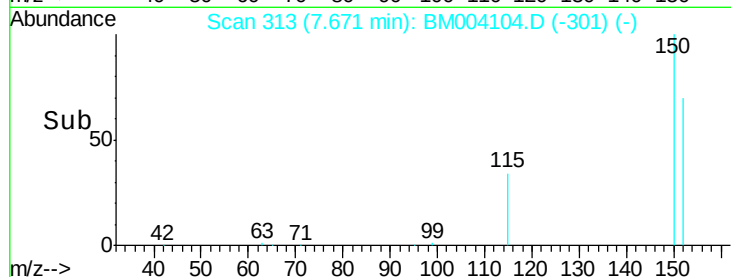
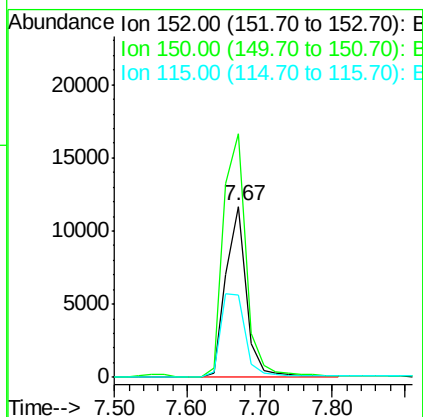
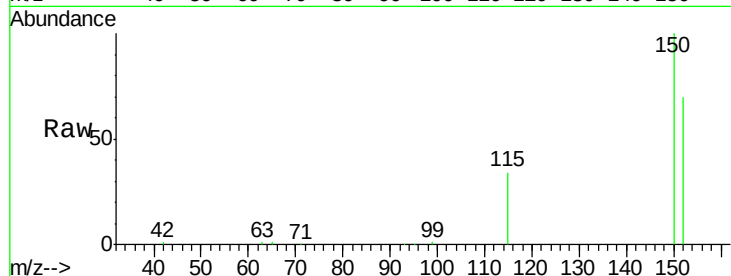


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.67 min Scan# 313
Delta R.T. 0.00 min
Lab File: BM004104.D
Acq: 22 Jan 2016 11:04

Instrument :
BNA_M
ClientSampleId :

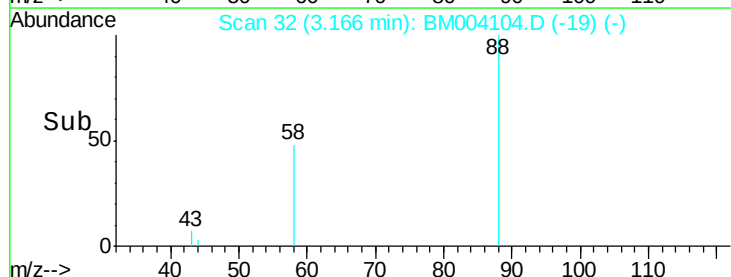
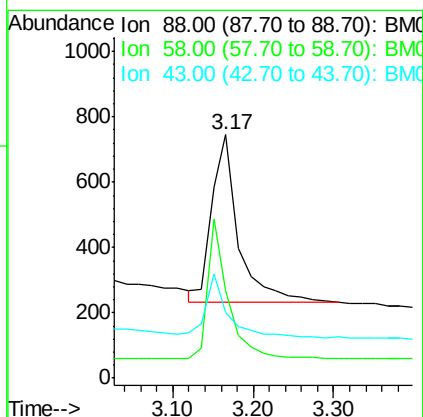
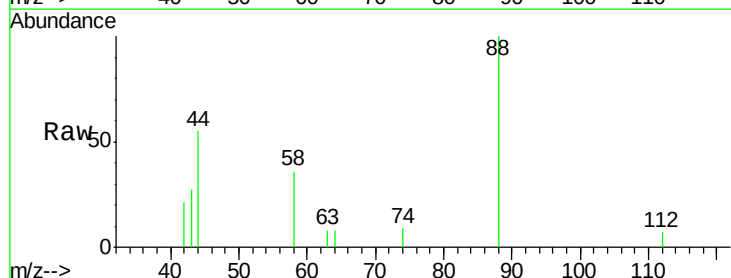
Tot Ion:152 Resp: 22813
Ion Ratio Lower Upper
152 100
150 142.3 122.9 184.3
115 48.4 44.4 66.6

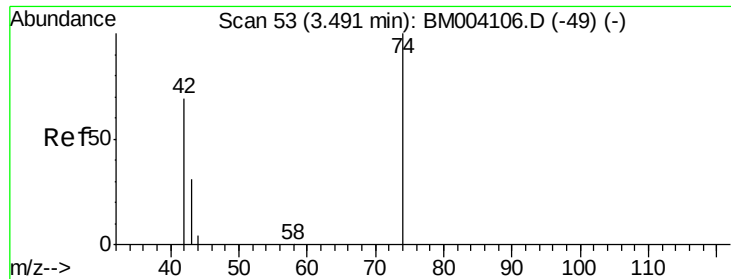


#2

1,4-Dioxane
Concen: 0.55 ng
RT: 3.17 min Scan# 32
Delta R.T. 0.00 min
Lab File: BM004104.D
Acq: 22 Jan 2016 11:04

Tgt Ion: 88 Resp: 1201
Ion Ratio Lower Upper
88 100
58 61.7 53.8 80.6
43 32.4 23.8 35.6





#3

n-Nitrosodimethylamine

Concen: 0.39 ng

RT: 3.49 min Scan# 53

Delta R.T. 0.00 min

Lab File: BM004104.D

Acq: 22 Jan 2016 11:04

Instrument :

BNA_M

ClientSampled :

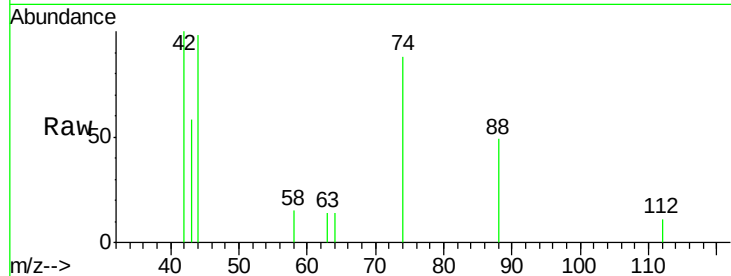
Tot Ion: 42 Resp: 924

Ion Ratio Lower Upper

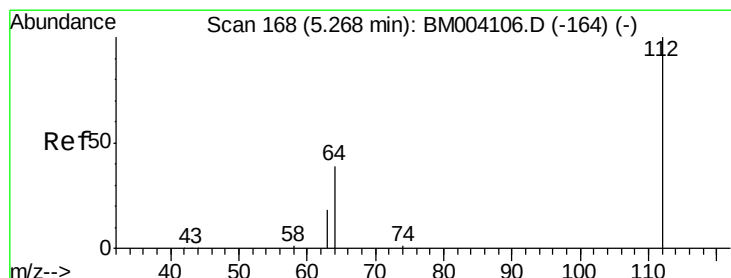
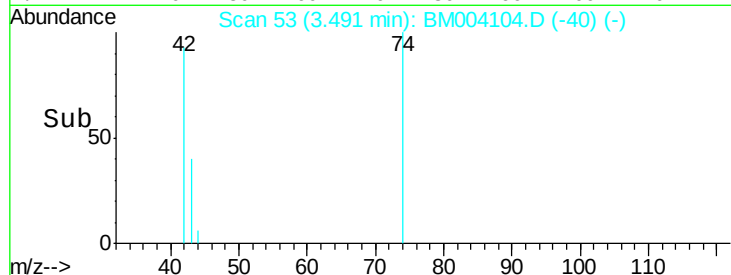
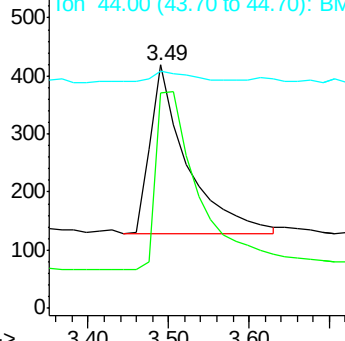
42 100

74 124.4 95.0 142.4

44 7.6 5.1 7.7



Abundance Ion 42.00 (41.70 to 42.70): BM004104.D (-40) (-)



#4

2-Fluorophenol

Concen: 0.48 ng

RT: 5.27 min Scan# 168

Delta R.T. 0.00 min

Lab File: BM004104.D

Acq: 22 Jan 2016 11:04

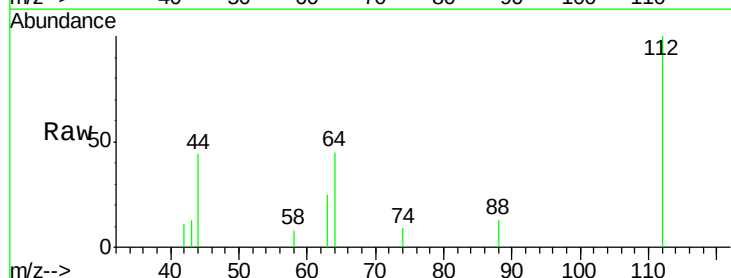
Tgt Ion: 112 Resp: 2223

Ion Ratio Lower Upper

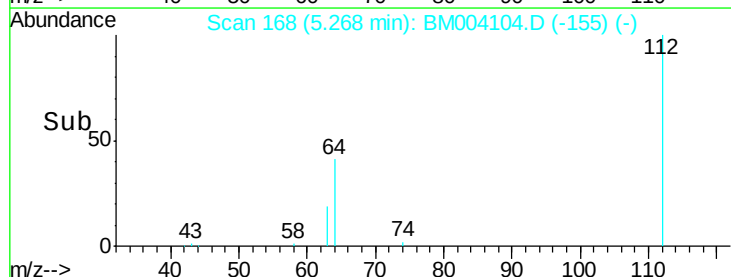
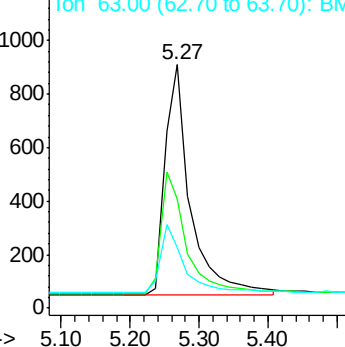
112 100

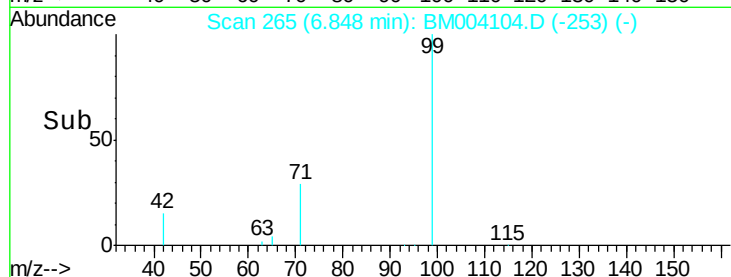
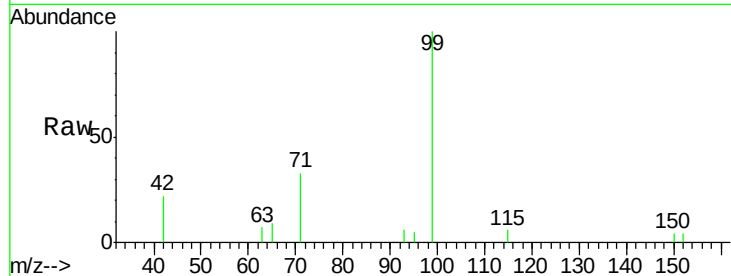
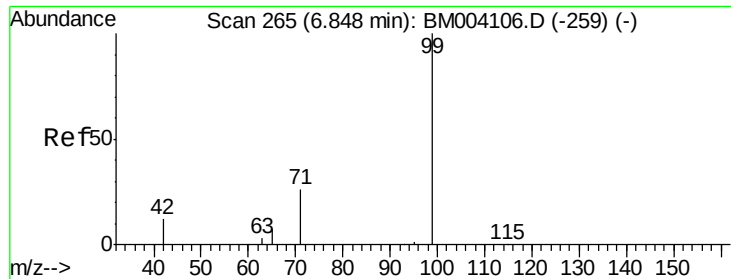
64 52.2 41.8 62.8

63 28.0 22.1 33.1



Abundance Ion 112.00 (111.70 to 112.70): BM004104.D (-155) (-)





#5

Phenol-d6

Concen: 0.45 ng

RT: 6.85 min Scan# 265

Delta R.T. 0.00 min

Lab File: BM004104.D

Acq: 22 Jan 2016 11:04

Instrument :

BNA_M

ClientSampleId :

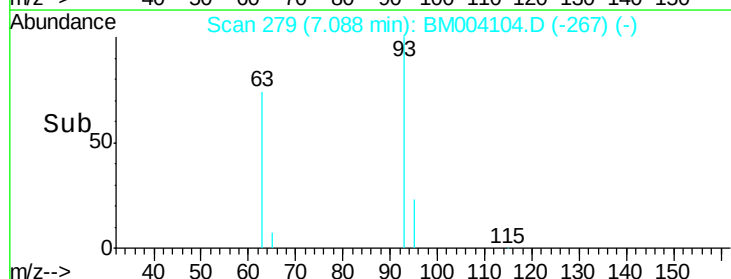
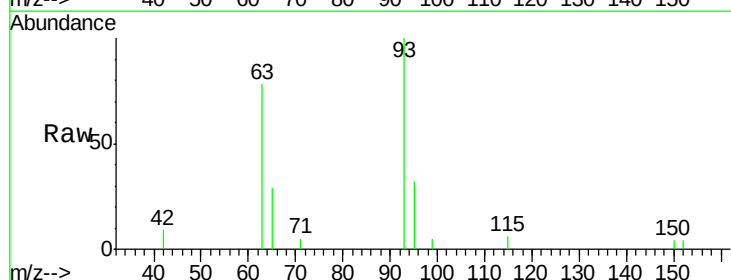
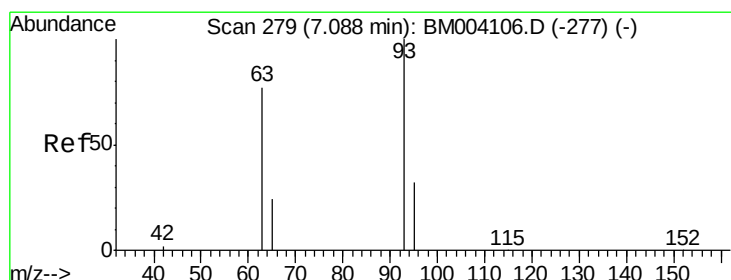
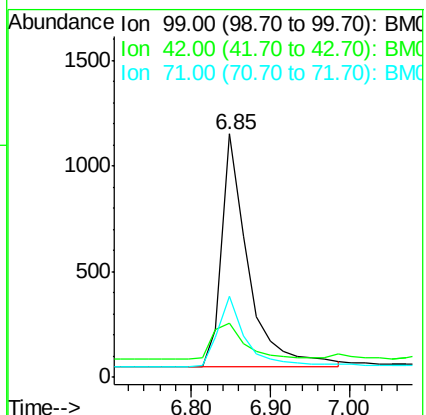
Tot Ion: 99 Resp: 2571

Ion Ratio Lower Upper

99 100

42 19.2 16.2 24.2

71 31.3 24.4 36.6



#6

bis(2-Chloroethyl)ether

Concen: 0.47 ng

RT: 7.09 min Scan# 279

Delta R.T. 0.00 min

Lab File: BM004104.D

Acq: 22 Jan 2016 11:04

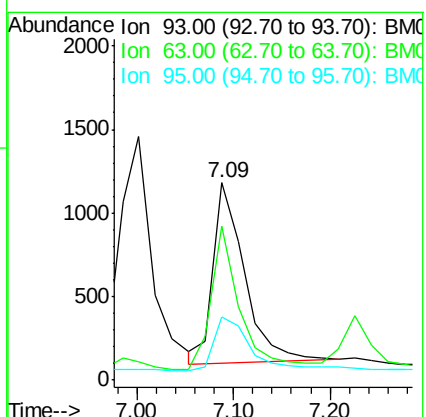
Tgt Ion: 93 Resp: 2455

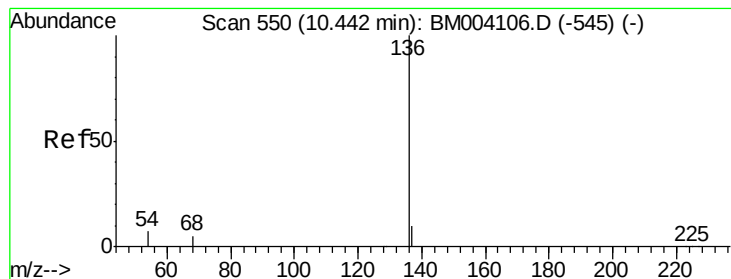
Ion Ratio Lower Upper

93 100

63 70.8 58.3 87.5

95 34.3 25.8 38.8





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.44 min Scan# 549

Delta R.T. -0.00 min

Lab File: BM004104.D

Acq: 22 Jan 2016 11:04

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 97647

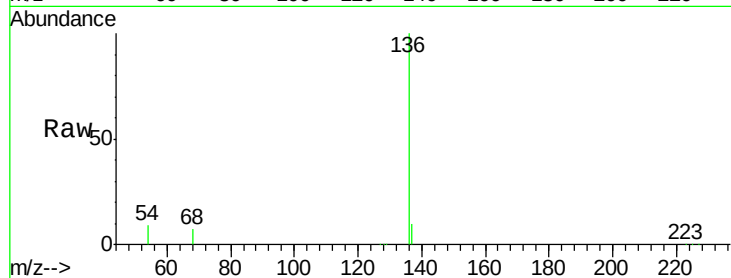
Ion Ratio Lower Upper

136 100

137 10.2 9.2 13.8

54 9.1 2.8 4.2#

68 6.6 2.5 3.7#

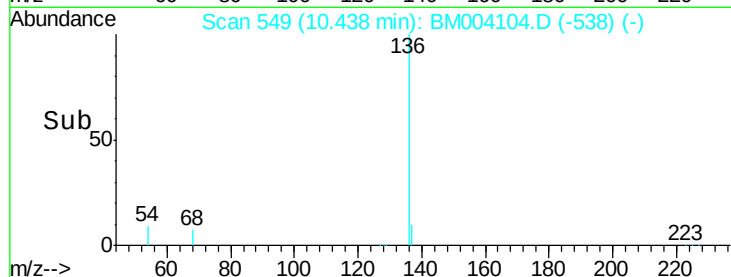


Abundance Ion 136.00 (135.70 to 136.70): E

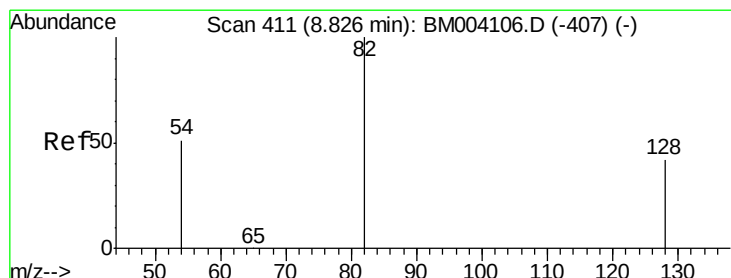
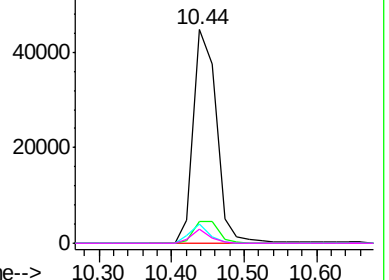
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



Time-->



#8

Nitrobenzene-d5

Concen: 0.39 ng

RT: 8.83 min Scan# 411

Delta R.T. 0.01 min

Lab File: BM004104.D

Acq: 22 Jan 2016 11:04

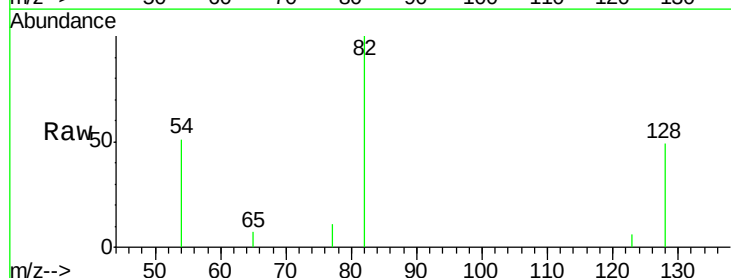
Tgt Ion: 82 Resp: 1890

Ion Ratio Lower Upper

82 100

128 49.3 39.1 58.7

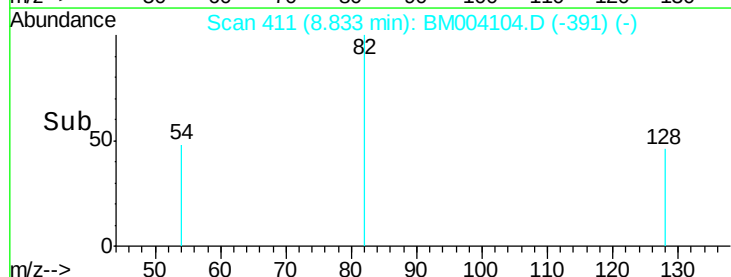
54 51.5 34.8 52.2



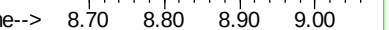
Abundance Ion 82.00 (81.70 to 82.70): BM

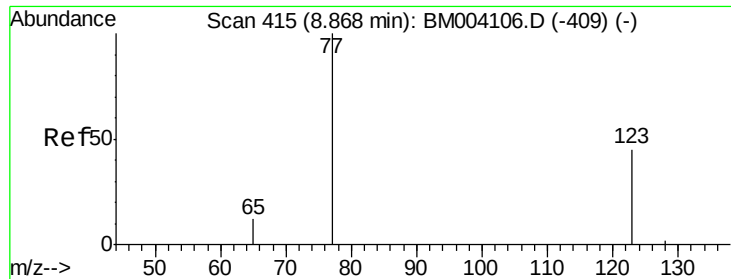
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM



Time-->





#9

Nitrobenzene

Concen: 0.40 ng

RT: 8.87 min Scan# 415

Delta R.T. 0.01 min

Lab File: BM004104.D

Acq: 22 Jan 2016 11:04

Instrument :

BNA_M

ClientSampleId :

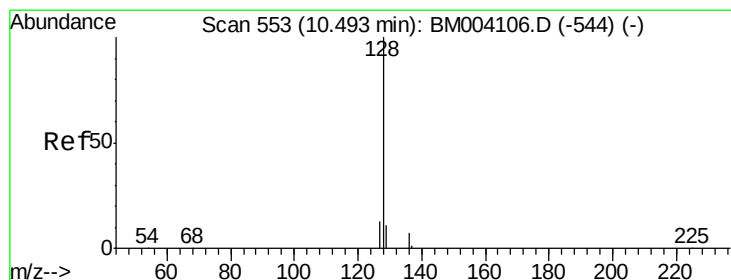
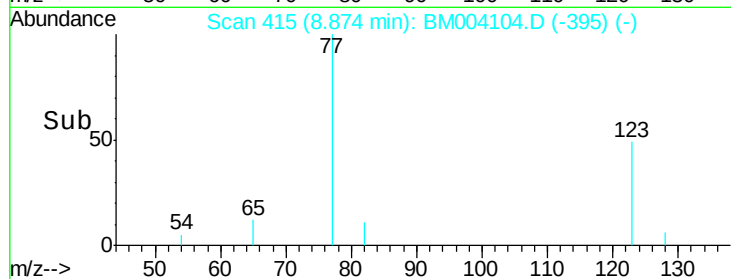
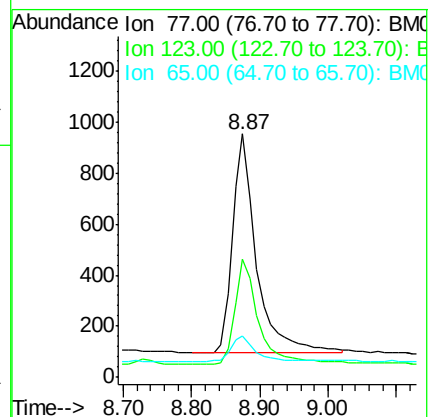
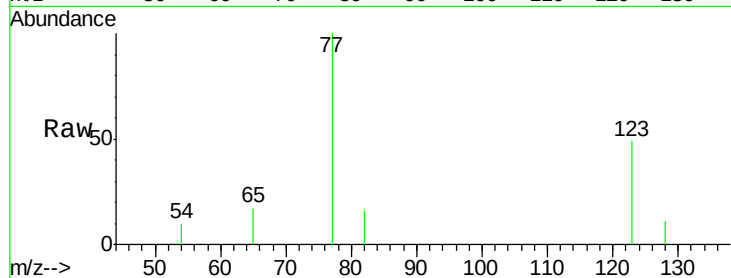
Tot Ion: 77 Resp: 2100

Ion Ratio Lower Upper

77 100

123 48.3 38.6 57.8

65 12.1 9.9 14.9



#10

Naphthalene

Concen: 0.51 ng

RT: 10.49 min Scan# 552

Delta R.T. -0.00 min

Lab File: BM004104.D

Acq: 22 Jan 2016 11:04

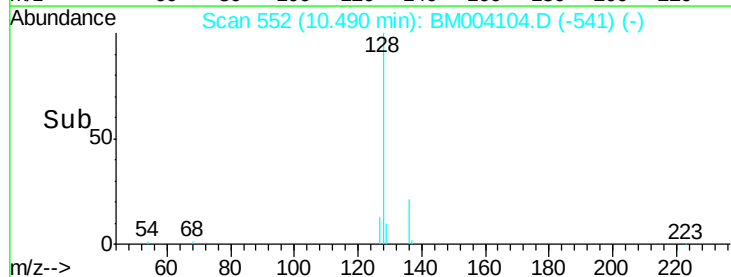
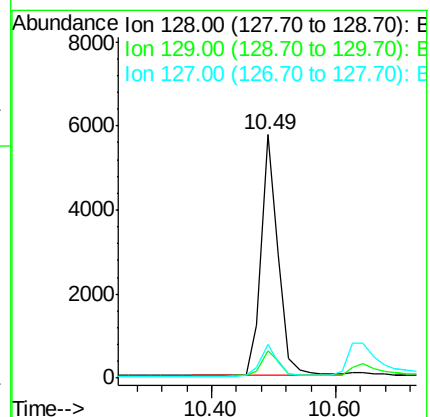
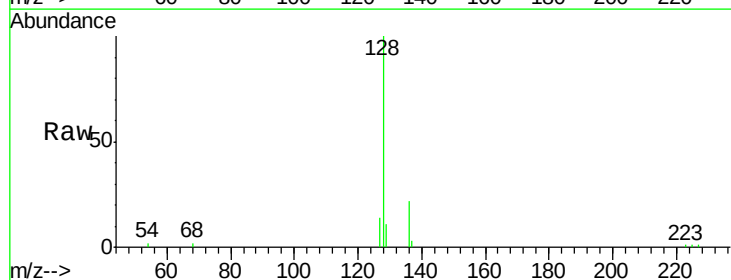
Tgt Ion: 128 Resp: 10892

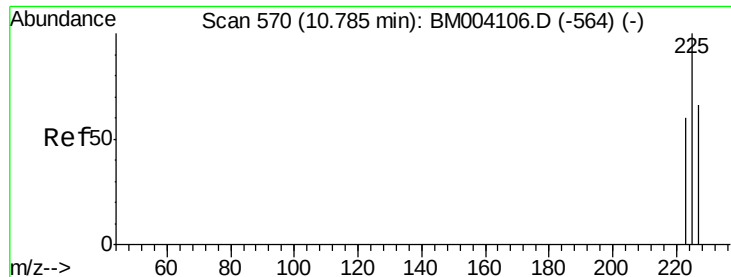
Ion Ratio Lower Upper

128 100

129 11.3 8.5 12.7

127 14.0 11.0 16.4

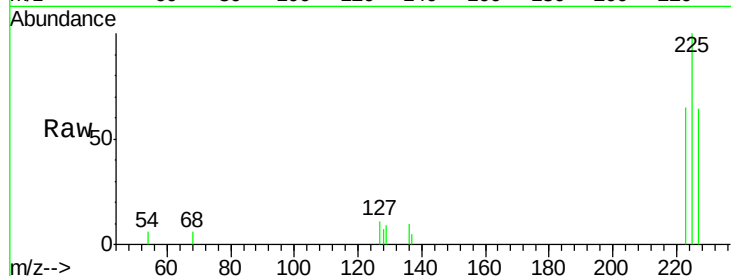




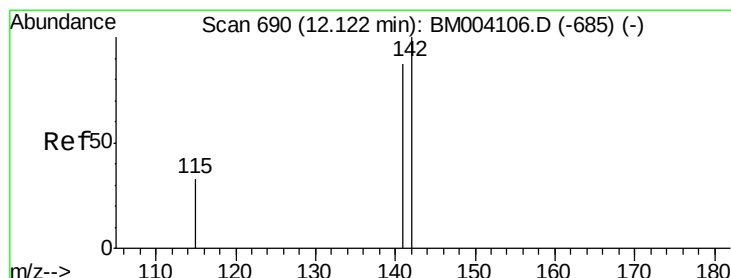
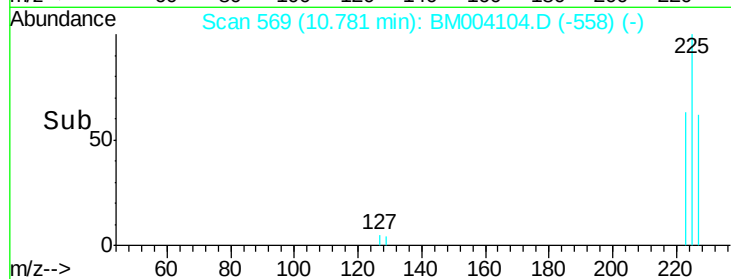
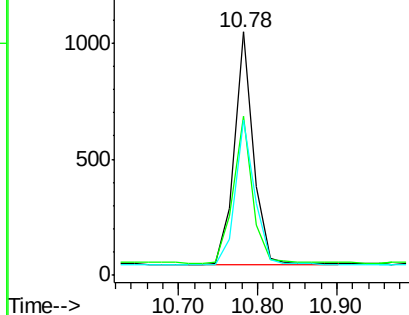
#11
Hexachlorobutadiene
Concen: 0.51 ng
RT: 10.78 min Scan# 569
Delta R.T. -0.00 min
Lab File: BM004104.D
Acq: 22 Jan 2016 11:04

Instrument :
BNA_M
ClientSampleId :

Tot Ion:225 Resp: 1672
Ion Ratio Lower Upper
225 100
223 63.5 50.9 76.3
227 63.6 51.2 76.8

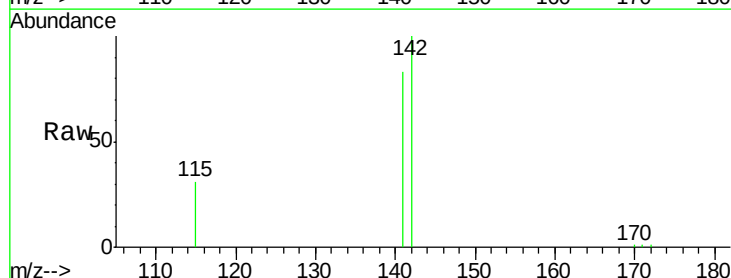


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

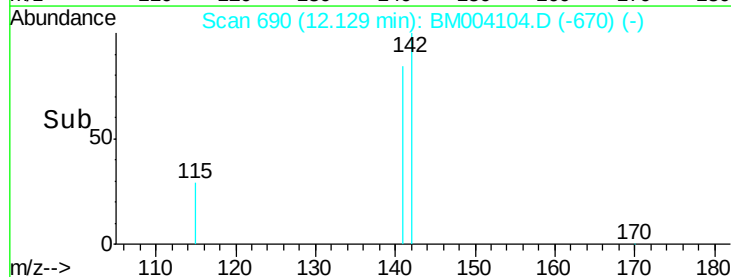
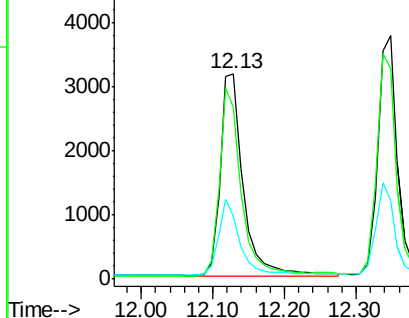


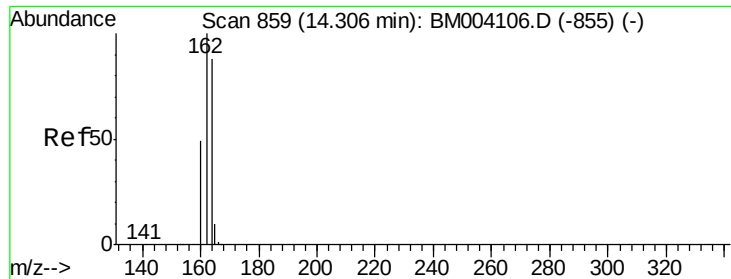
#12
2-Methylnaphthalene
Concen: 0.49 ng
RT: 12.13 min Scan# 690
Delta R.T. 0.01 min
Lab File: BM004104.D
Acq: 22 Jan 2016 11:04

Tgt Ion:142 Resp: 7019
Ion Ratio Lower Upper
142 100
141 83.4 67.8 101.8
115 30.8 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: 14.30 min Scan# 858

Delta R.T. -0.00 min

Lab File: BM004104.D

Acq: 22 Jan 2016 11:04

Instrument :

BNA_M

ClientSampleId :

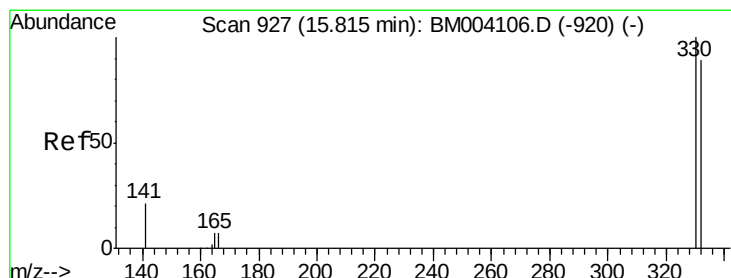
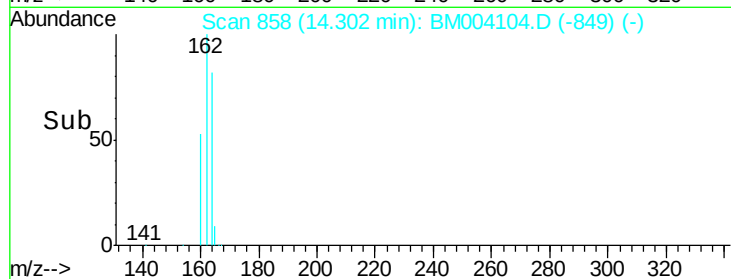
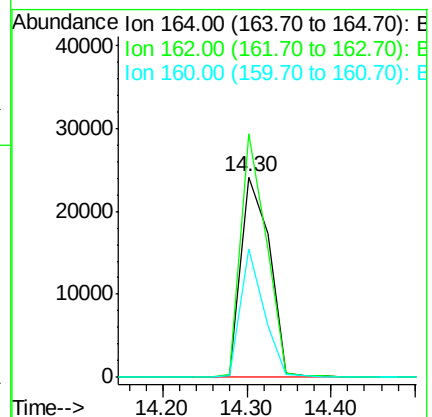
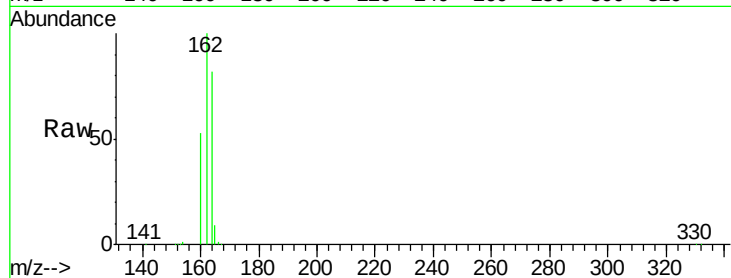
Tot Ion:164 Resp: 56246

Ion Ratio Lower Upper

164 100

162 121.5 86.0 129.0

160 64.1 40.3 60.5#



#14

2,4,6-Tribromophenol

Concen: 0.52 ng

RT: 15.81 min Scan# 926

Delta R.T. -0.00 min

Lab File: BM004104.D

Acq: 22 Jan 2016 11:04

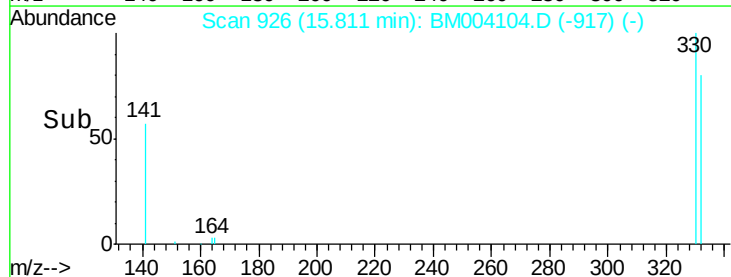
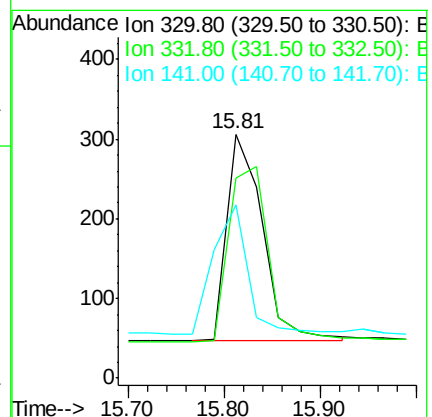
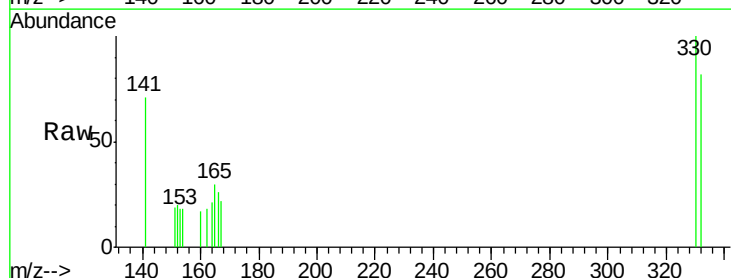
Tgt Ion:330 Resp: 675

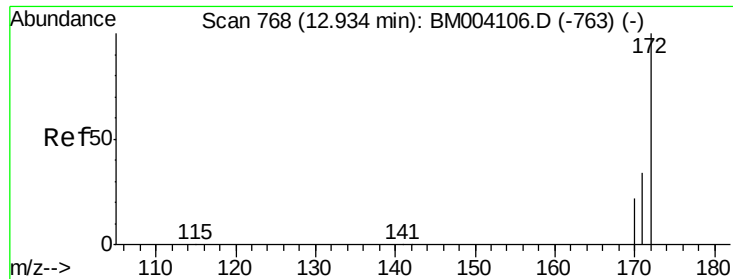
Ion Ratio Lower Upper

330 100

332 0.0 79.0 118.4#

141 60.1 27.8 41.6#

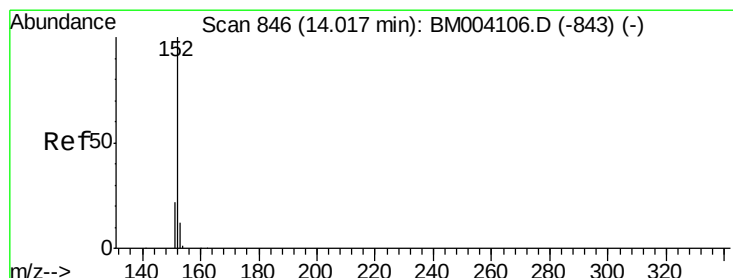
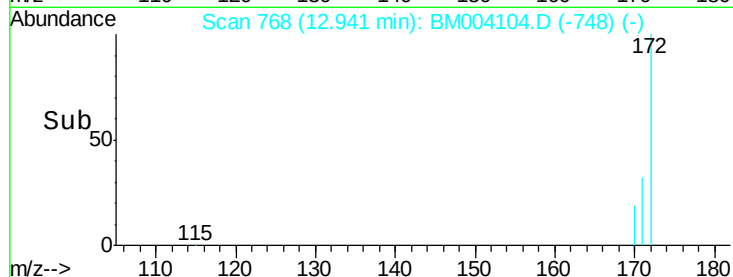
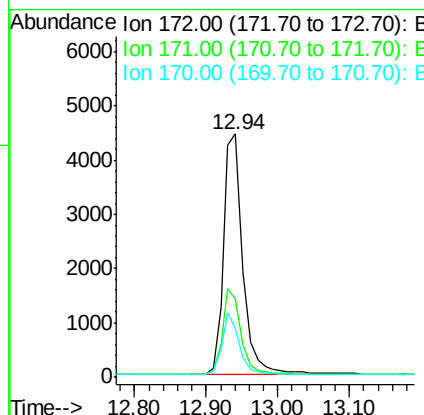
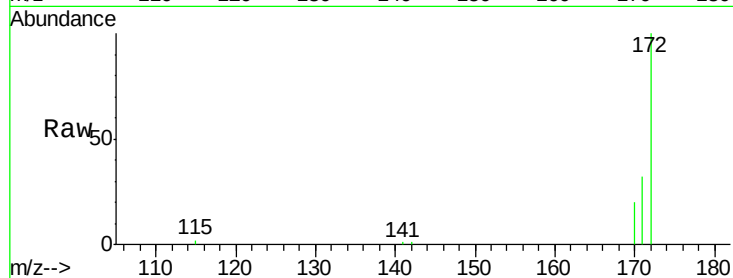




#15
2-Fluorobiphenyl
Concen: 0.46 ng
RT: 12.94 min Scan# 768
Delta R.T. 0.01 min
Lab File: BM004104.D
Acq: 22 Jan 2016 11:04

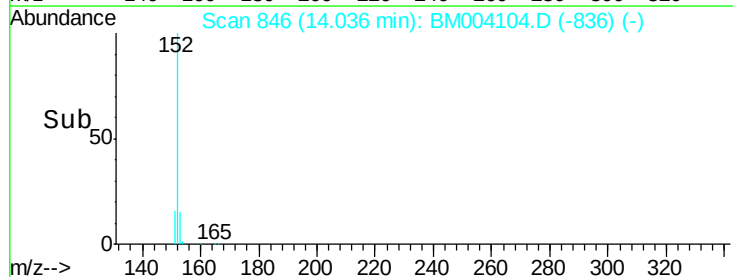
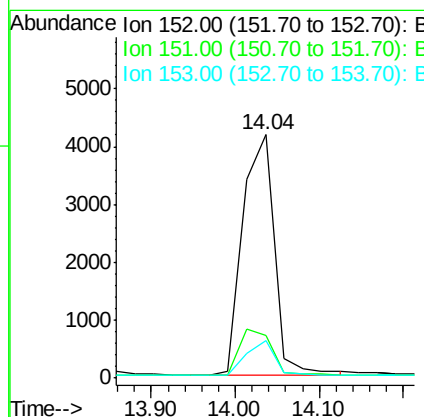
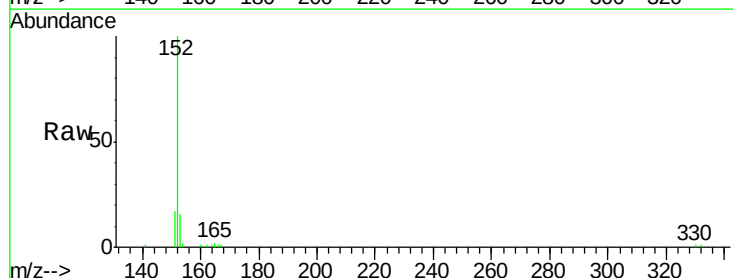
Instrument :
BNA_M
ClientSampleId :

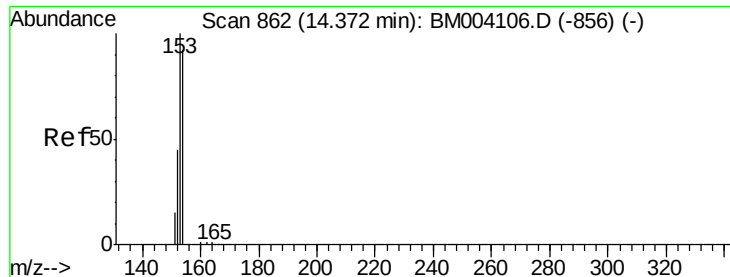
Tot Ion:172 Resp: 8392
Ion Ratio Lower Upper
172 100
171 32.3 27.0 40.6
170 19.9 17.9 26.9



#16
Acenaphthylene
Concen: 0.46 ng
RT: 14.04 min Scan# 846
Delta R.T. 0.02 min
Lab File: BM004104.D
Acq: 22 Jan 2016 11:04

Tgt Ion:152 Resp: 10817
Ion Ratio Lower Upper
152 100
151 0.0 15.8 23.8#
153 12.9 10.2 15.4

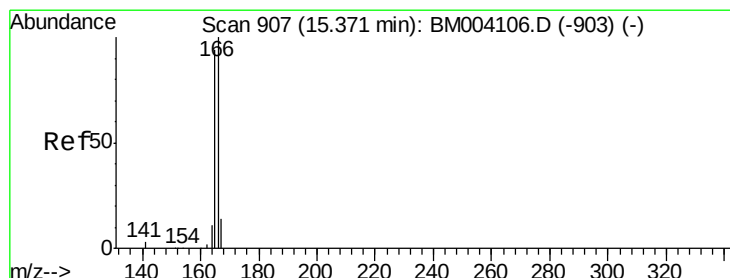
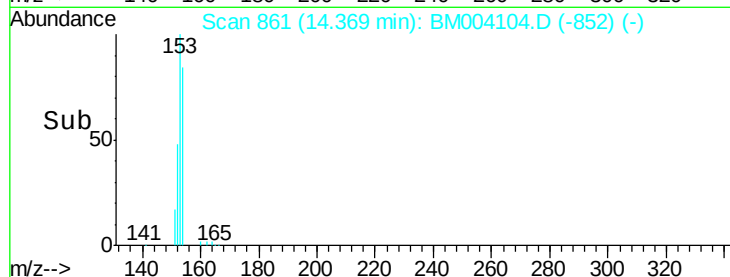
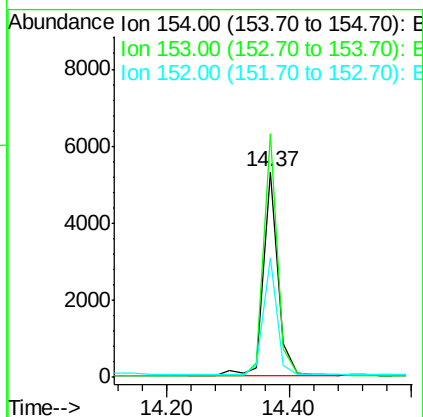
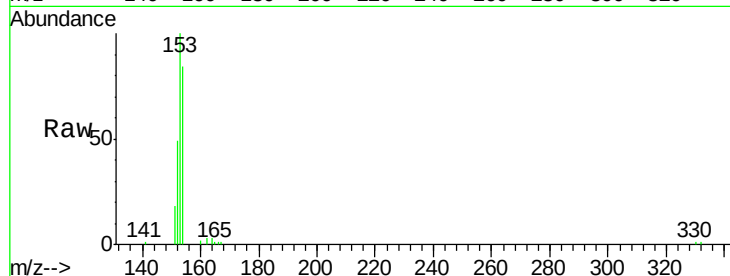




#17
Acenaphthene
Concen: 0.53 ng
RT: 14.37 min Scan# 861
Delta R.T. -0.00 min
Lab File: BM004104.D
Acq: 22 Jan 2016 11:04

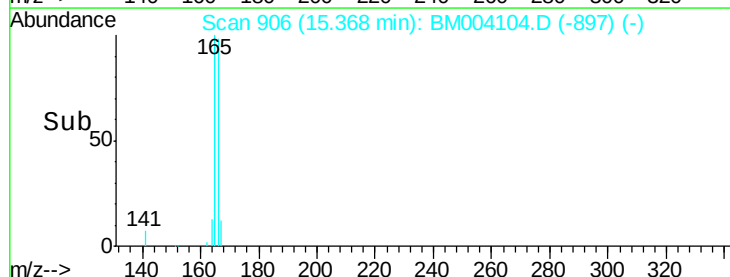
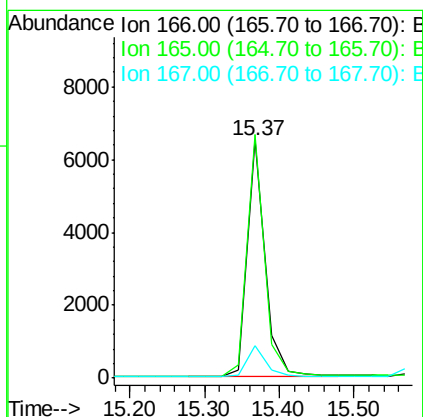
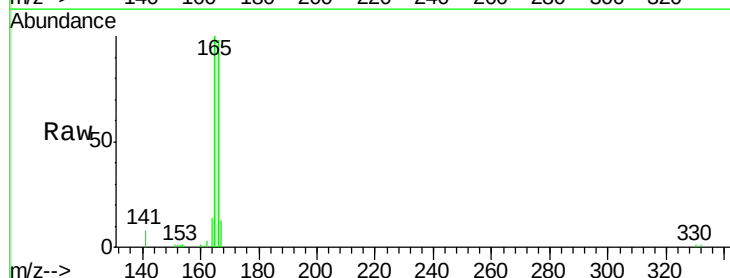
Instrument :
BNA_M
ClientSampleId :

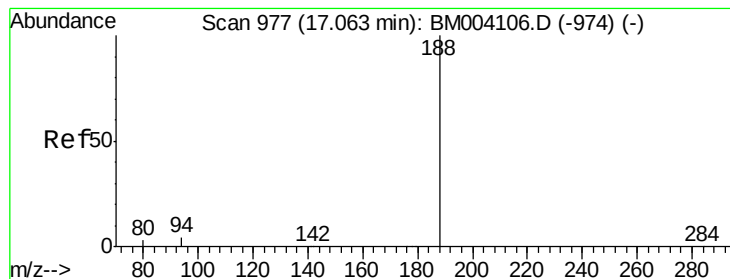
Tot Ion:154 Resp: 8729
Ion Ratio Lower Upper
154 100
153 112.4 85.4 128.2
152 54.2 40.6 60.8



#18
Fluorene
Concen: 0.55 ng
RT: 15.37 min Scan# 906
Delta R.T. -0.00 min
Lab File: BM004104.D
Acq: 22 Jan 2016 11:04

Tgt Ion:166 Resp: 10744
Ion Ratio Lower Upper
166 100
165 99.7 77.2 115.8
167 13.2 11.0 16.6





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.06 min Scan# 976

Delta R.T. -0.00 min

Lab File: BM004104.D

Acq: 22 Jan 2016 11:04

Instrument :

BNA_M

ClientSampleId :

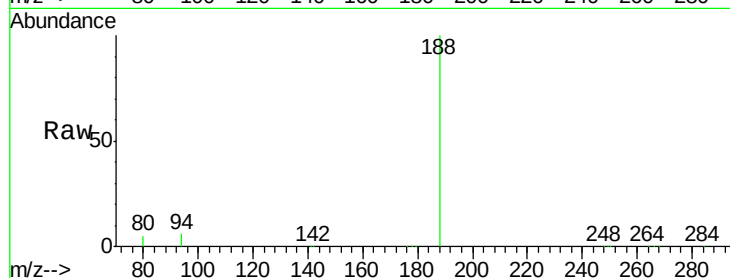
Tot Ion:188 Resp: 170165

Ion Ratio Lower Upper

188 100

94 5.6 20.3 30.5#

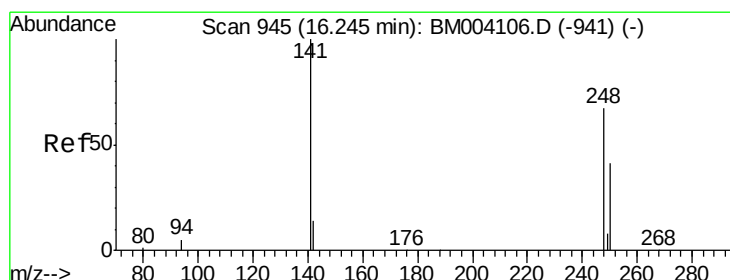
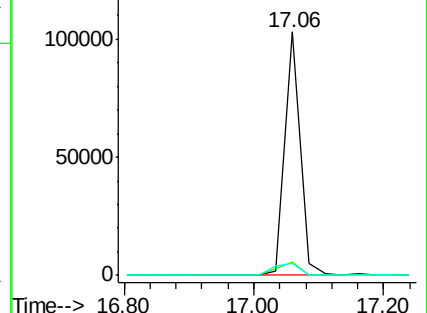
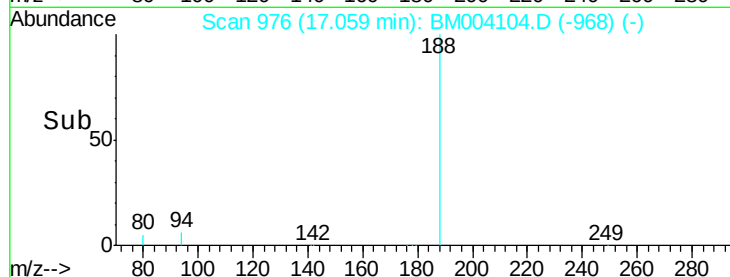
80 4.9 22.2 33.4#



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: 0.45 ng

RT: 16.27 min Scan# 945

Delta R.T. 0.02 min

Lab File: BM004104.D

Acq: 22 Jan 2016 11:04

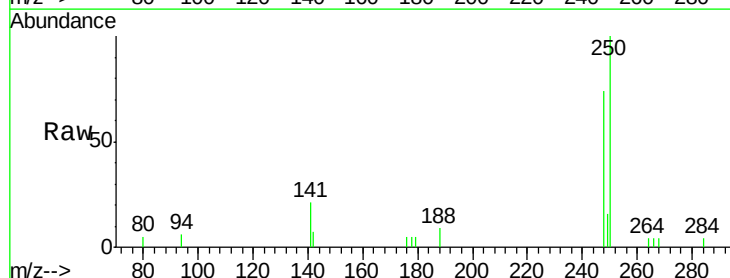
Tgt Ion:248 Resp: 2374

Ion Ratio Lower Upper

248 100

250 102.8 75.0 112.4

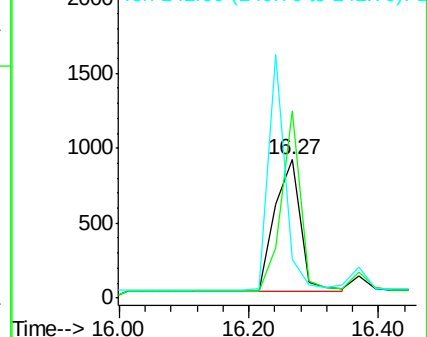
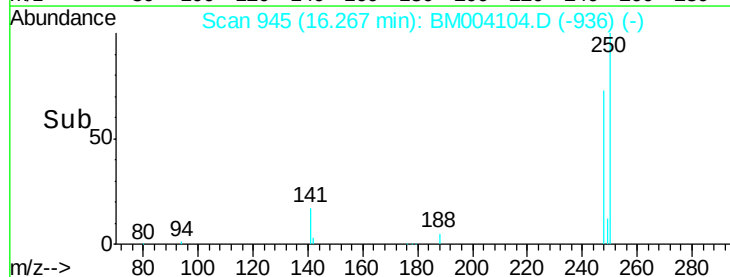
141 0.0 53.0 79.4#

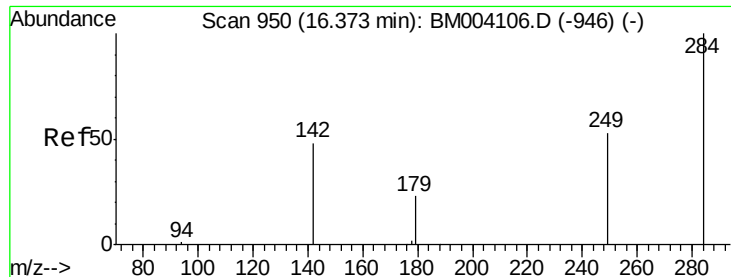


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

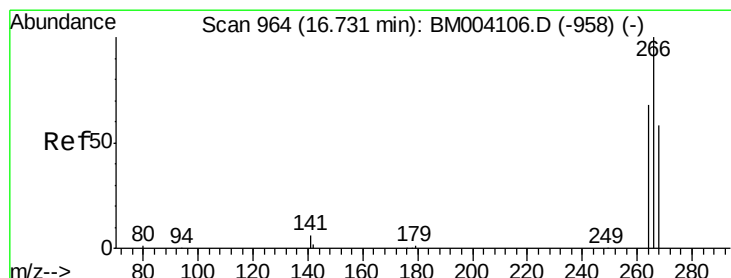
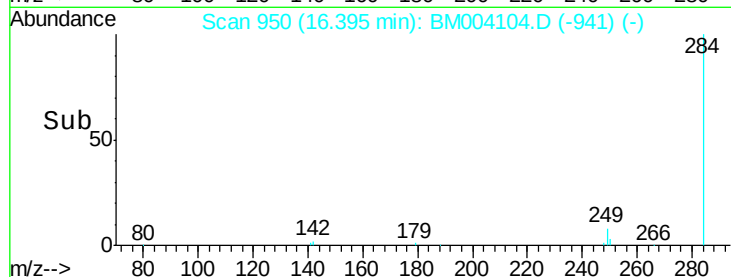
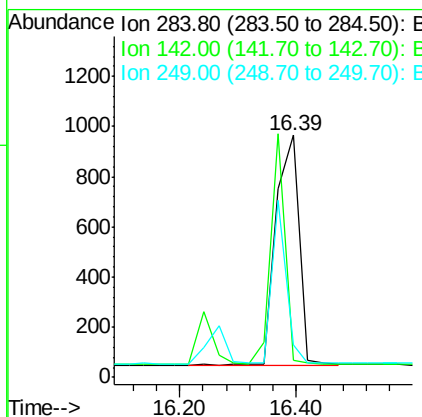
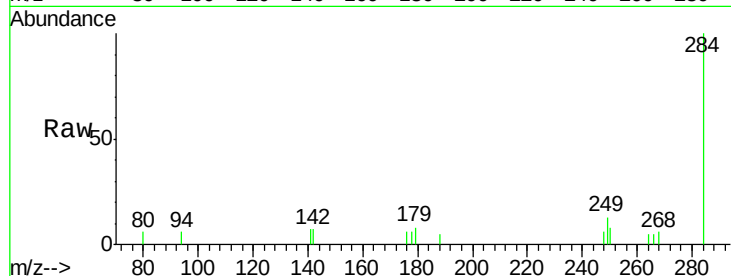




#21
Hexachlorobenzene
Concen: 0.45 ng
RT: 16.39 min Scan# 950
Delta R.T. 0.02 min
Lab File: BM004104.D
Acq: 22 Jan 2016 11:04

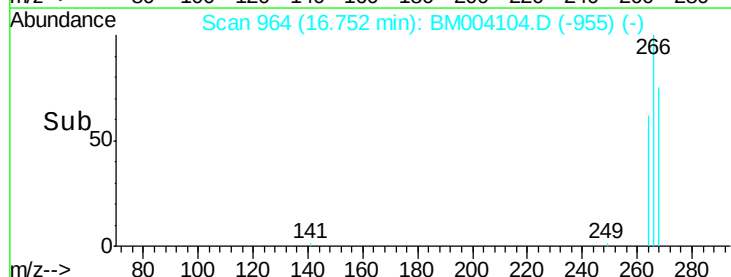
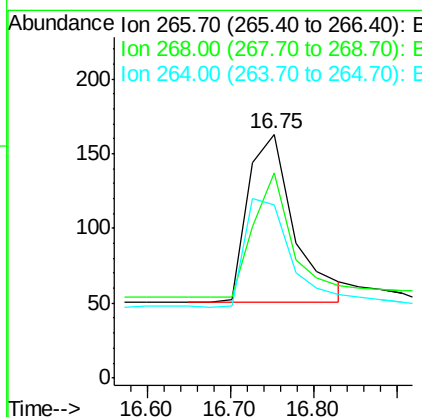
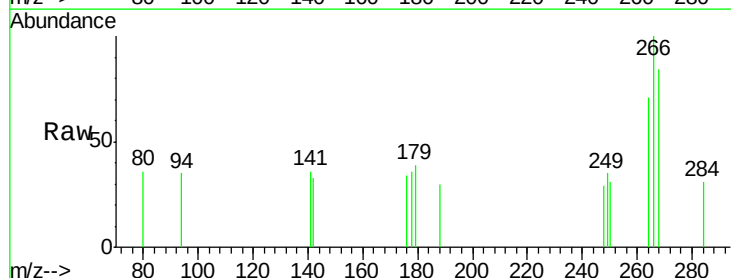
Instrument :
BNA_M
ClientSampleId :

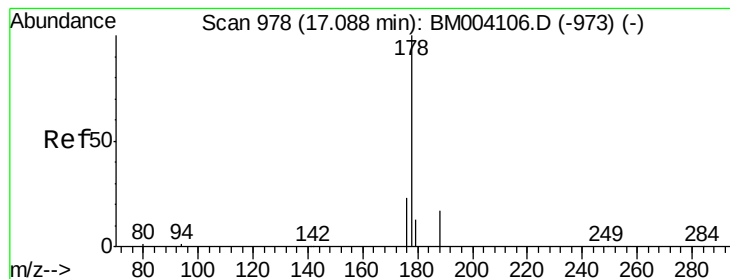
Tot Ion:284 Resp: 2529
Ion Ratio Lower Upper
284 100
142 0.0 22.2 33.4#
249 0.0 21.5 32.3#



#22
Pentachlorophenol
Concen: 0.29 ng
RT: 16.75 min Scan# 964
Delta R.T. 0.02 min
Lab File: BM004104.D
Acq: 22 Jan 2016 11:04

Tgt Ion:266 Resp: 426
Ion Ratio Lower Upper
266 100
268 84.0 62.7 94.1
264 71.2 45.7 68.5#





#23

Phenanthrene

Concen: 0.46 ng

RT: 17.11 min Scan# 978

Delta R.T. 0.02 min

Lab File: BM004104.D

Acq: 22 Jan 2016 11:04

Instrument :

BNA_M

ClientSampled :

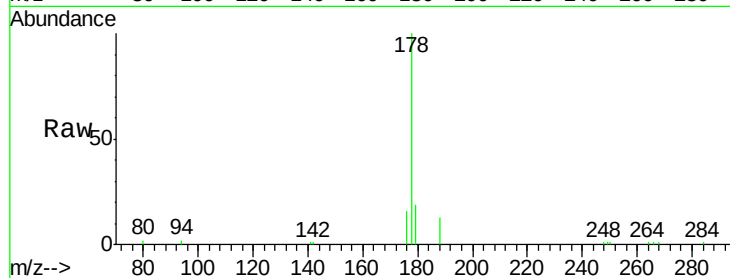
Tot Ion:178 Resp: 16148

Ion Ratio Lower Upper

178 100

176 0.0 15.4 23.0#

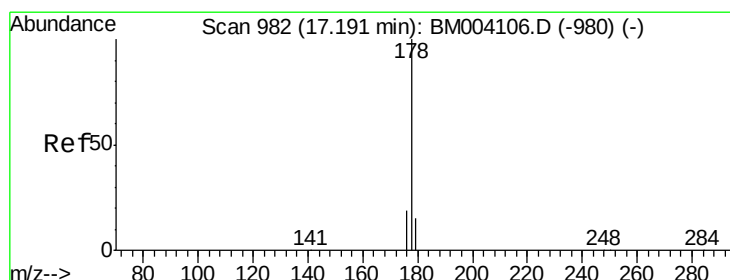
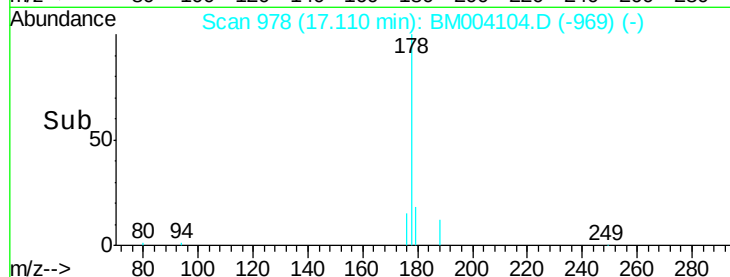
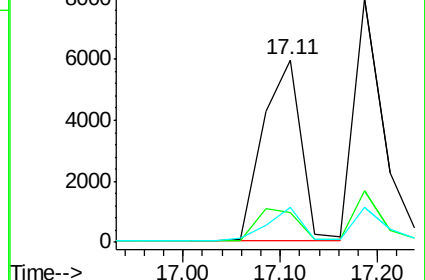
179 16.3 12.2 18.4



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: 0.47 ng

RT: 17.19 min Scan# 981

Delta R.T. -0.00 min

Lab File: BM004104.D

Acq: 22 Jan 2016 11:04

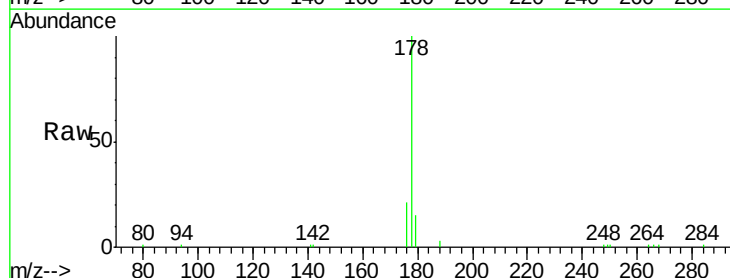
Tgt Ion:178 Resp: 15976

Ion Ratio Lower Upper

178 100

176 19.3 14.6 21.8

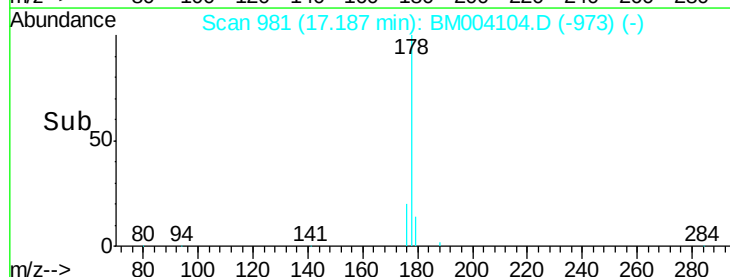
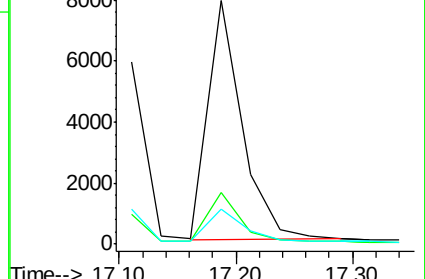
179 14.7 12.6 19.0

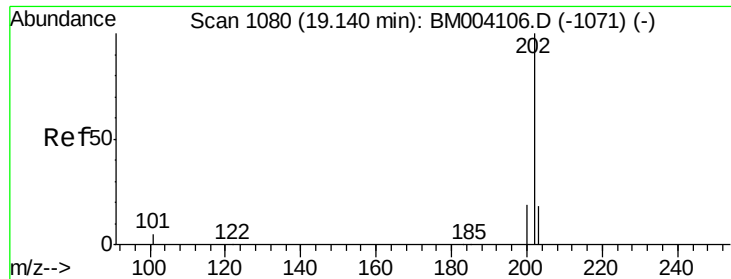


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 0.53 ng

RT: 19.14 min Scan# 1079

Delta R.T. 0.00 min

Lab File: BM004104.D

Acq: 22 Jan 2016 11:04

Instrument :

BNA_M

ClientSampled :

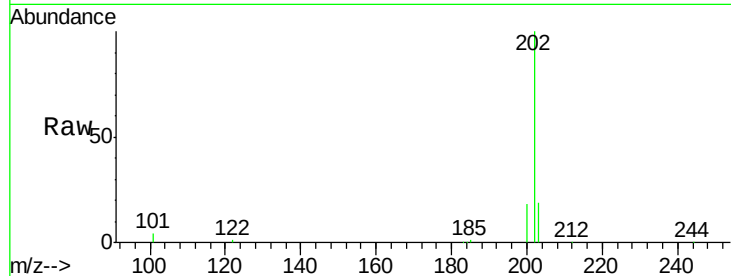
Tot Ion:202 Resp: 20204

Ion Ratio Lower Upper

202 100

101 12.1 9.7 14.5

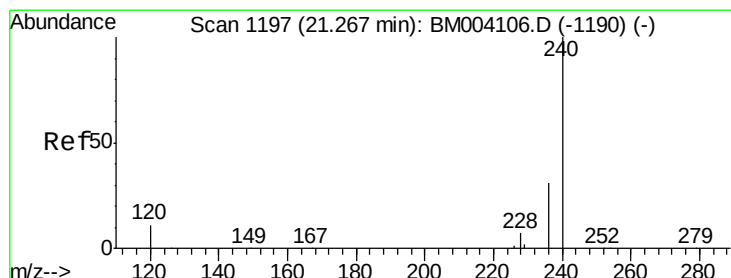
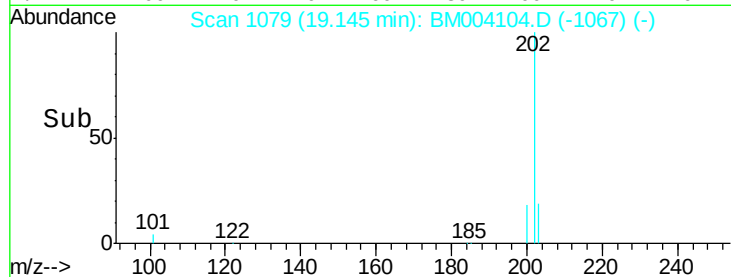
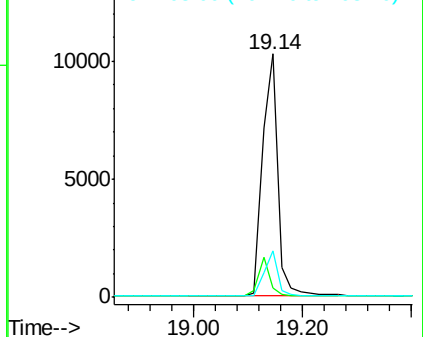
203 17.2 13.8 20.8



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# 1196

Delta R.T. 0.00 min

Lab File: BM004104.D

Acq: 22 Jan 2016 11:04

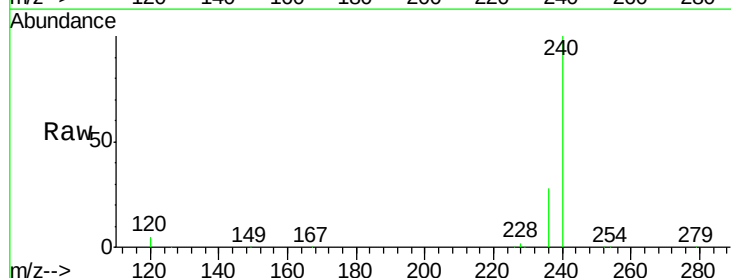
Tgt Ion:240 Resp: 178132

Ion Ratio Lower Upper

240 100

120 5.4 0.9 1.3#

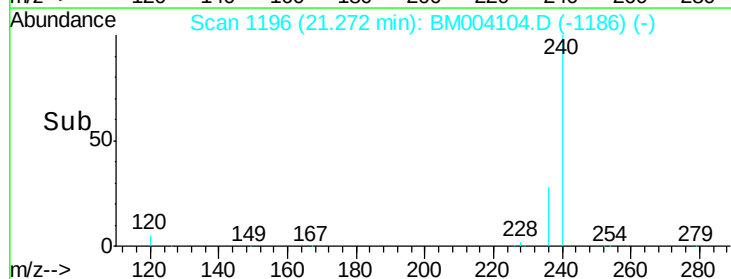
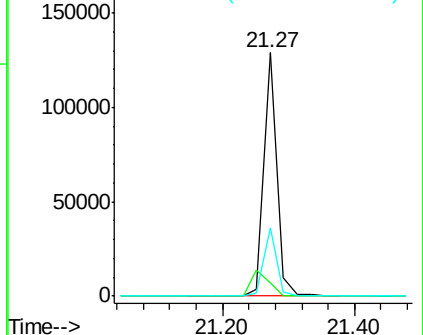
236 28.2 17.3 25.9#

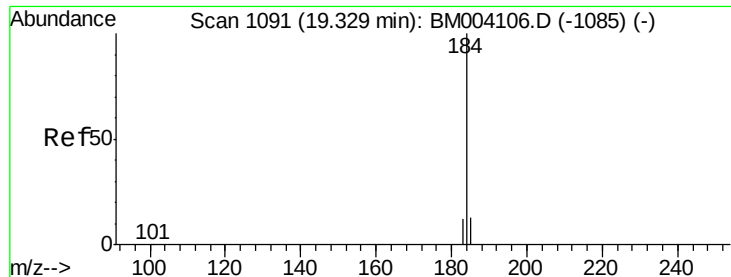


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 0.16 ng

RT: 19.35 min Scan# 1091

Delta R.T. 0.02 min

Lab File: BM004104.D

Acq: 22 Jan 2016 11:04

Instrument :

BNA_M

ClientSampleId :

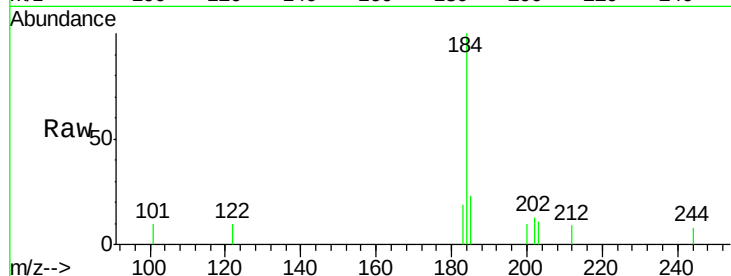
Tot Ion:184 Resp: 2376

Ion Ratio Lower Upper

184 100

185 22.8 13.2 19.8#

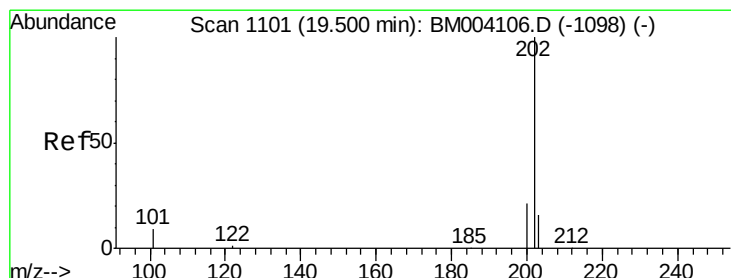
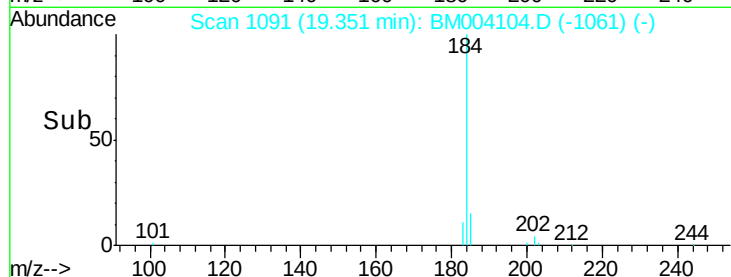
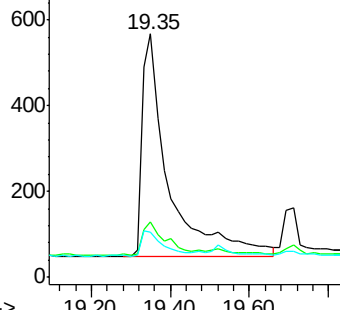
183 18.7 9.0 13.6#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#28

Pyrene

Concen: 0.34 ng

RT: 19.50 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BM004104.D

Acq: 22 Jan 2016 11:04

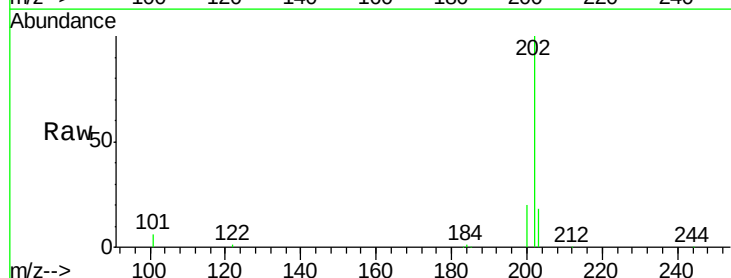
Tgt Ion:202 Resp: 21944

Ion Ratio Lower Upper

202 100

200 20.9 16.6 24.8

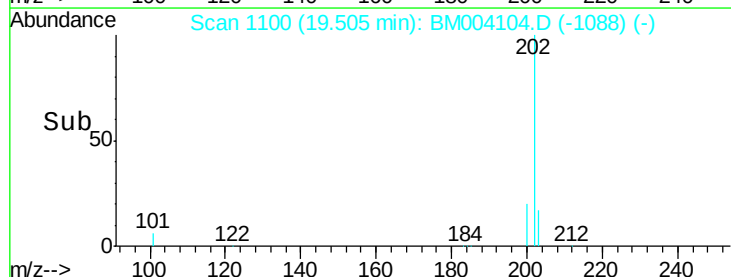
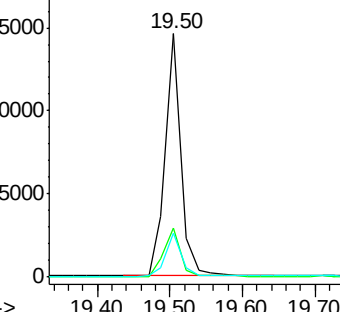
203 17.4 14.0 21.0

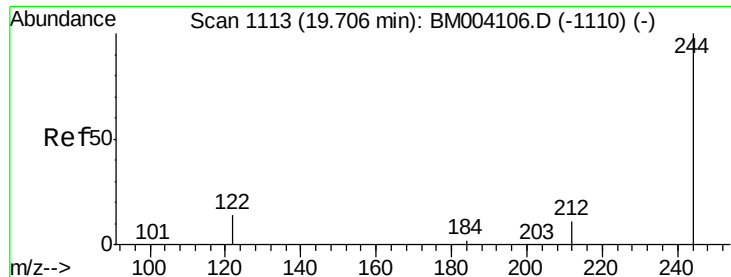


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.35 ng

RT: 19.71 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BM004104.D

Acq: 22 Jan 2016 11:04

Instrument :

BNA_M

ClientSampled :

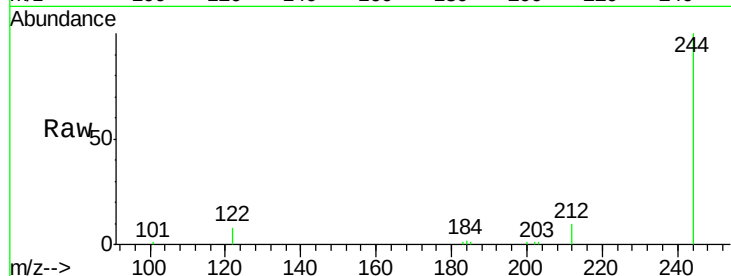
Tot Ion:244 Resp: 10237

Ion Ratio Lower Upper

244 100

212 10.3 7.0 10.6

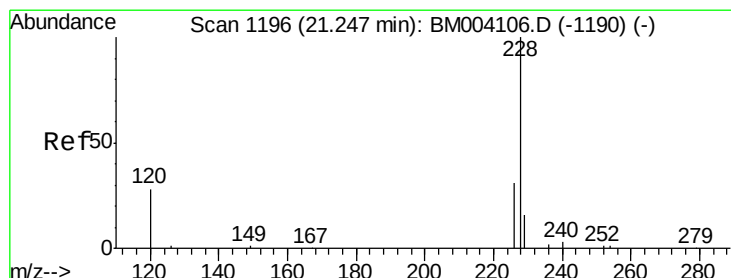
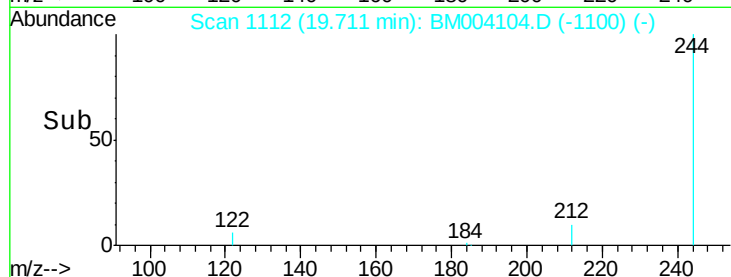
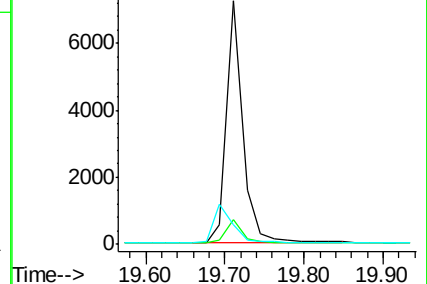
122 8.0 3.0 4.6#



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: 0.57 ng

RT: 21.25 min Scan# 1195

Delta R.T. 0.00 min

Lab File: BM004104.D

Acq: 22 Jan 2016 11:04

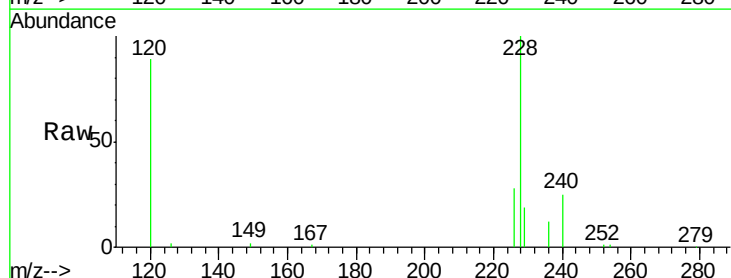
Tgt Ion:228 Resp: 28882

Ion Ratio Lower Upper

228 100

226 27.9 17.2 25.8#

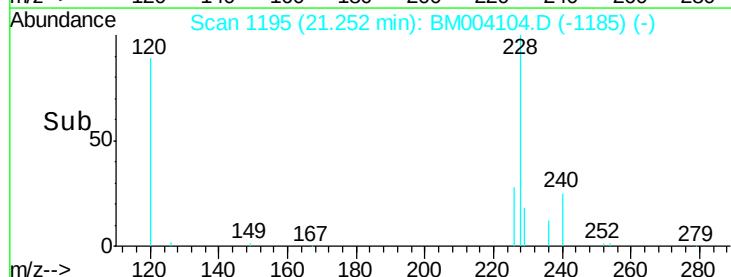
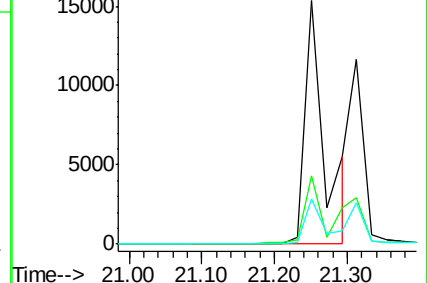
229 18.7 18.7 28.1#

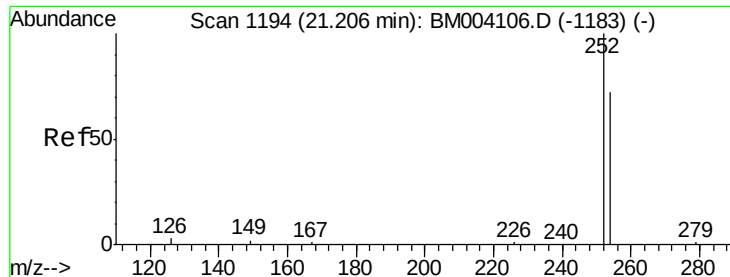


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

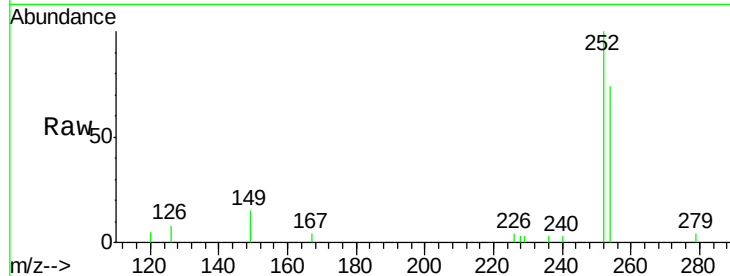




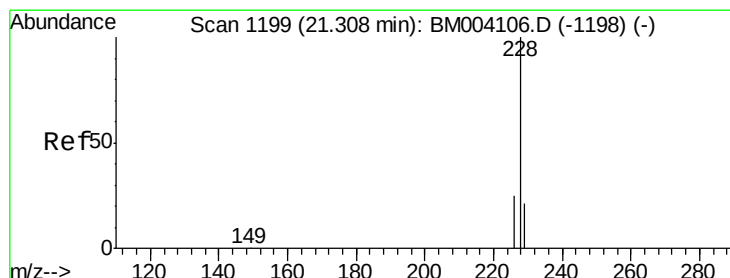
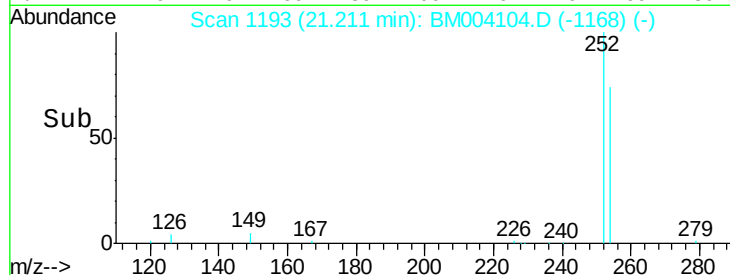
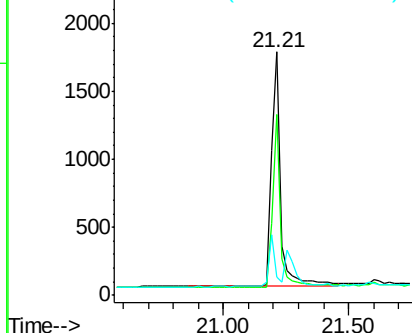
#31
 3,3'-Dichlorobenzidine
 Concen: 0.34 ng
 RT: 21.21 min Scan# 1193
 Delta R.T. 0.00 min
 Lab File: BM004104.D
 Acq: 22 Jan 2016 11:04

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:252 Resp: 4411
 Ion Ratio Lower Upper
 252 100
 254 74.1 52.6 79.0
 126 7.8 3.7 5.5#

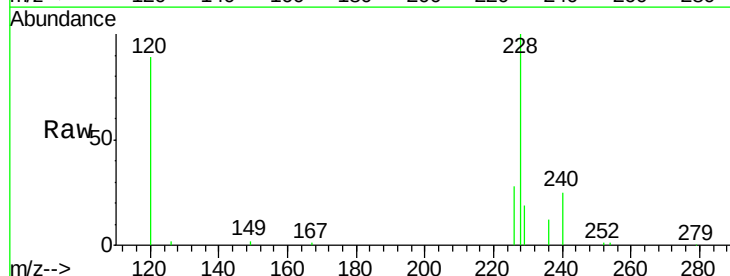


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

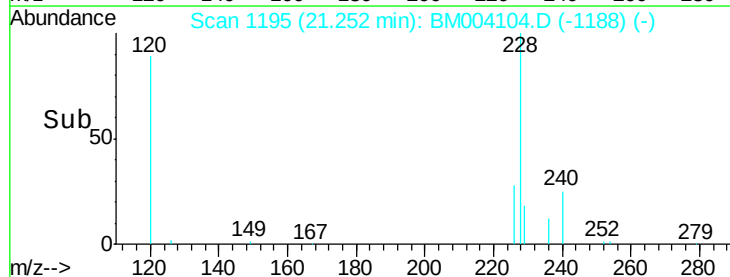
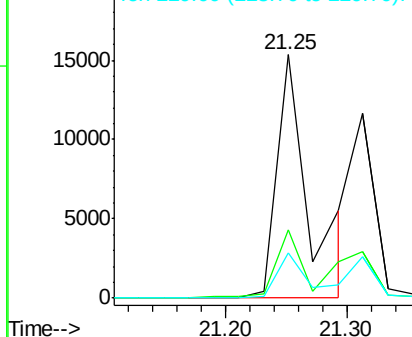


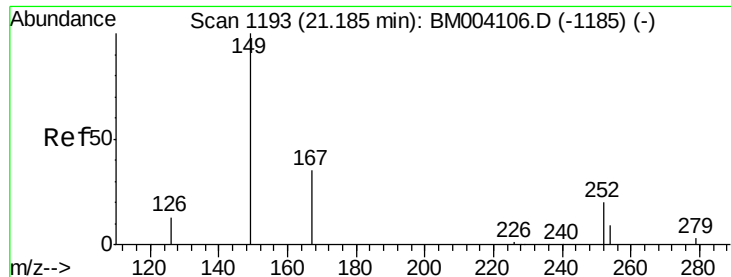
#32
 Chrysene
 Concen: 0.55 ng
 RT: 21.25 min Scan# 1195
 Delta R.T. -0.06 min
 Lab File: BM004104.D
 Acq: 22 Jan 2016 11:04

Tgt Ion:228 Resp: 28871
 Ion Ratio Lower Upper
 228 100
 226 27.9 25.3 37.9
 229 18.7 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

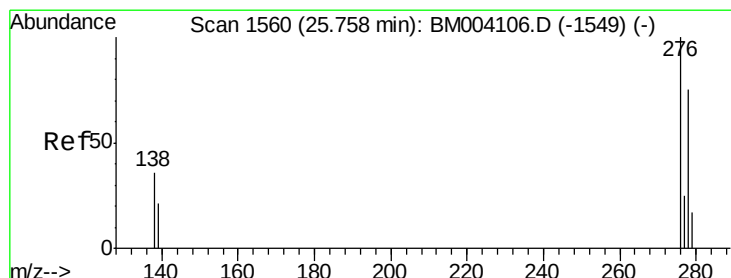
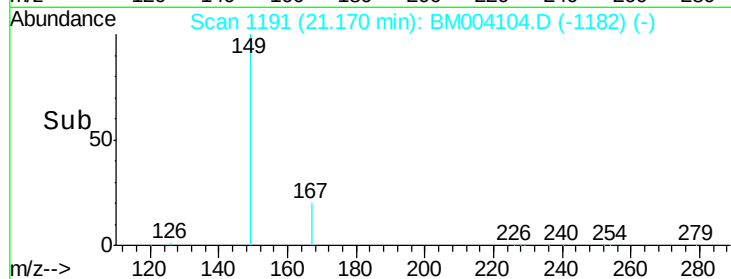
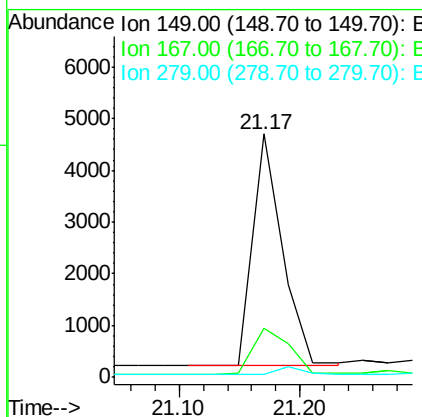
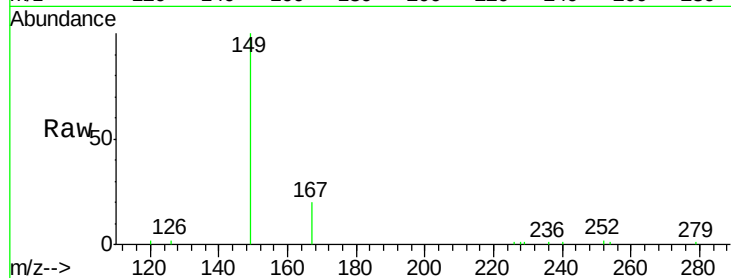




#33
 Bis(2-ethylhexyl)phthalate
 Concen: 0.34 ng
 RT: 21.17 min Scan# 1191
 Delta R.T. -0.02 min
 Lab File: BM004104.D
 Acq: 22 Jan 2016 11:04

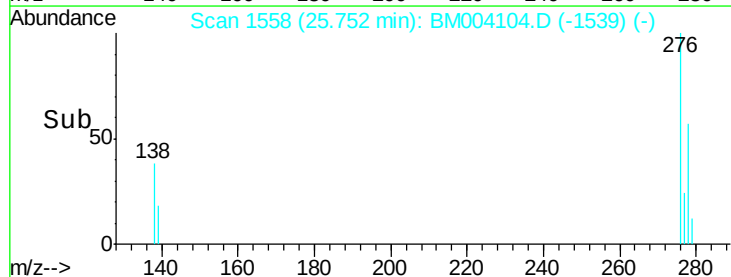
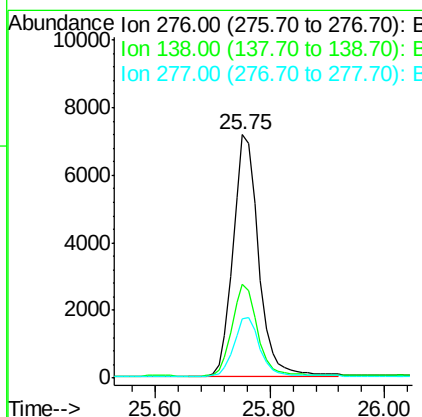
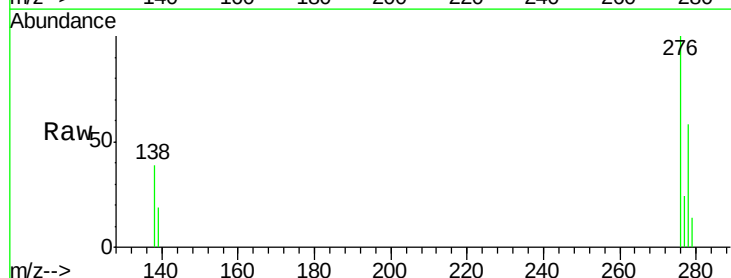
Instrument :
 BNA_M
 ClientSampleId :

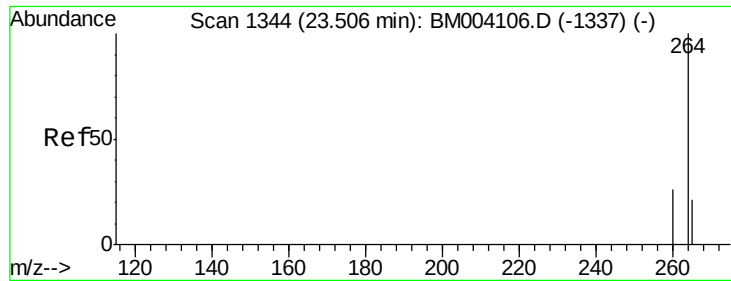
Tot Ion:149 Resp: 7564
 Ion Ratio Lower Upper
 149 100
 167 24.5 20.1 30.1
 279 0.0 1.8 2.6#



#34
 Indeno(1,2,3-cd)pyrene
 Concen: 0.59 ng
 RT: 25.75 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BM004104.D
 Acq: 22 Jan 2016 11:04

Tgt Ion:276 Resp: 22204
 Ion Ratio Lower Upper
 276 100
 138 37.7 30.2 45.2
 277 24.7 19.8 29.8

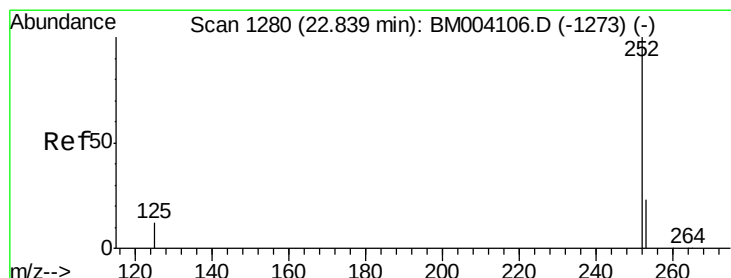
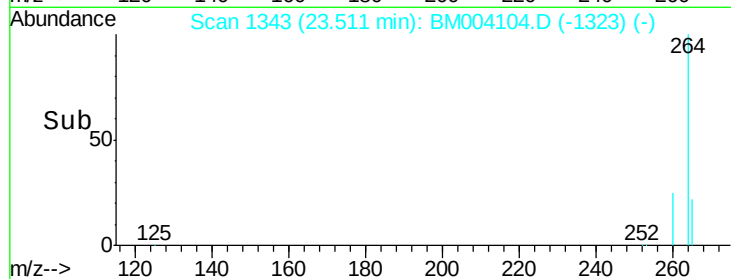
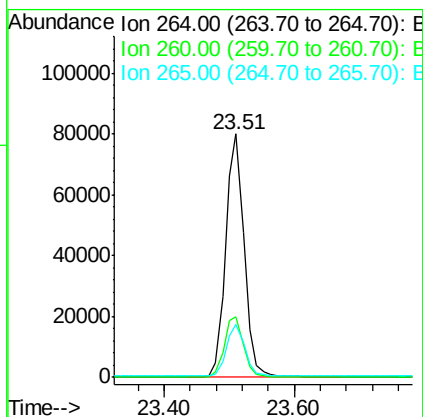
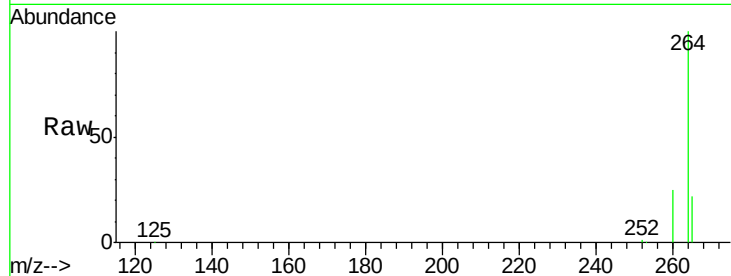




#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.51 min Scan# 1343
 Delta R.T. 0.00 min
 Lab File: BM004104.D
 Acq: 22 Jan 2016 11:04

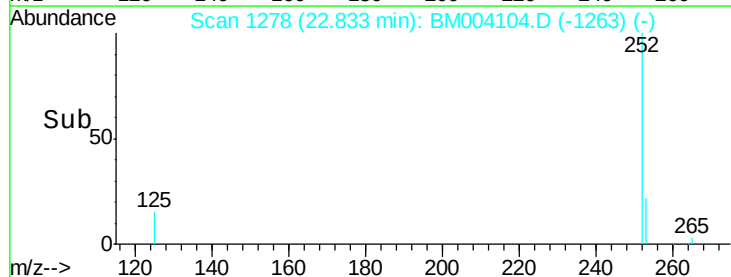
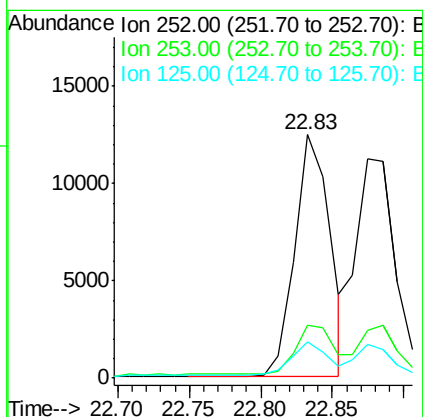
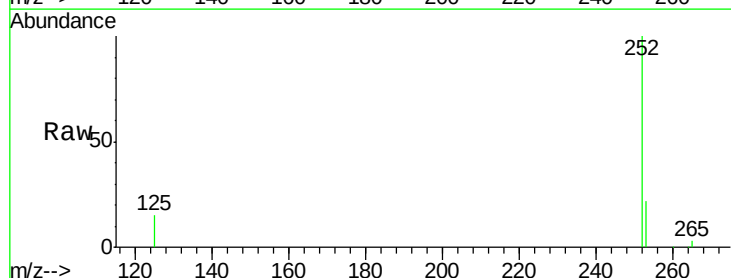
Instrument :
 BNA_M
 ClientSampleId :

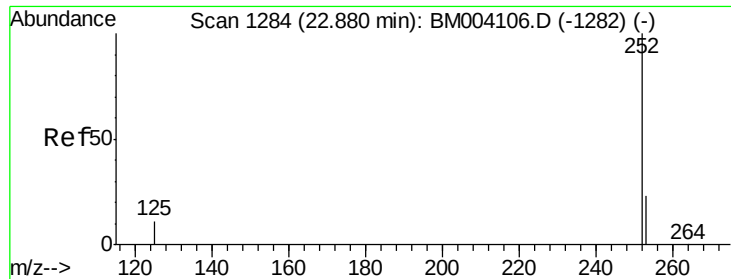
Tot Ion:264 Resp: 156945
 Ion Ratio Lower Upper
 264 100
 260 24.8 21.2 31.8
 265 22.0 16.7 25.1



#36
 Benzo(b)fluoranthene
 Concen: 0.44 ng
 RT: 22.83 min Scan# 1278
 Delta R.T. -0.01 min
 Lab File: BM004104.D
 Acq: 22 Jan 2016 11:04

Tgt Ion:252 Resp: 21154
 Ion Ratio Lower Upper
 252 100
 253 21.9 18.8 28.2
 125 14.7 10.2 15.4





#37

Benzo(k)fluoranthene

Concen: 0.47 ng

RT: 22.87 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BM004104.D

Acq: 22 Jan 2016 11:04

Instrument :

BNA_M

ClientSampleId :

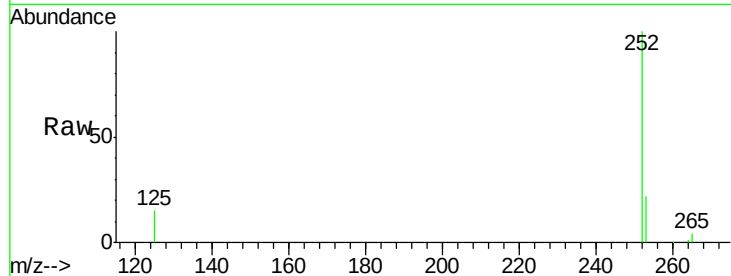
Tot Ion:252 Resp: 21889

Ion Ratio Lower Upper

252 100

253 21.6 18.3 27.5

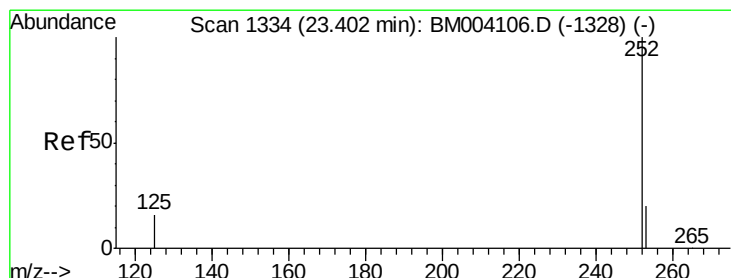
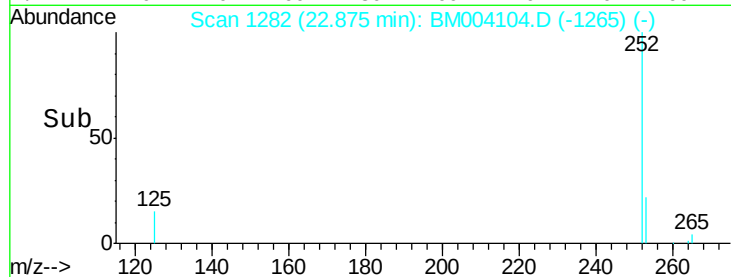
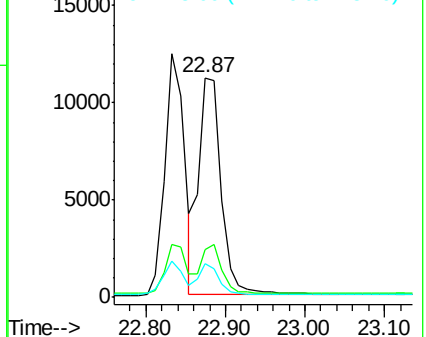
125 15.3 10.6 15.8



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: 0.48 ng

RT: 23.41 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BM004104.D

Acq: 22 Jan 2016 11:04

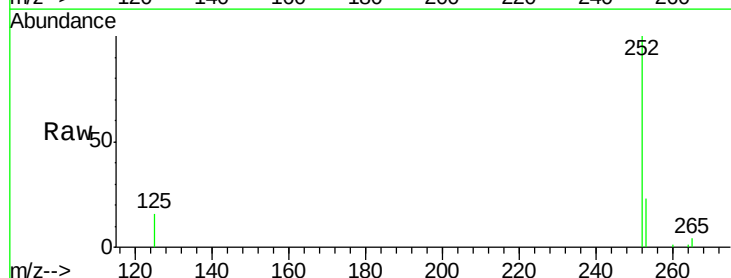
Tgt Ion:252 Resp: 19746

Ion Ratio Lower Upper

252 100

253 22.8 18.7 28.1

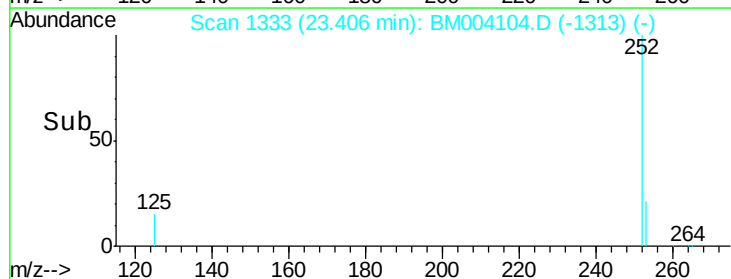
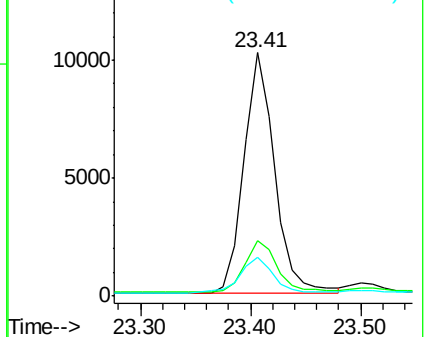
125 16.0 11.8 17.8

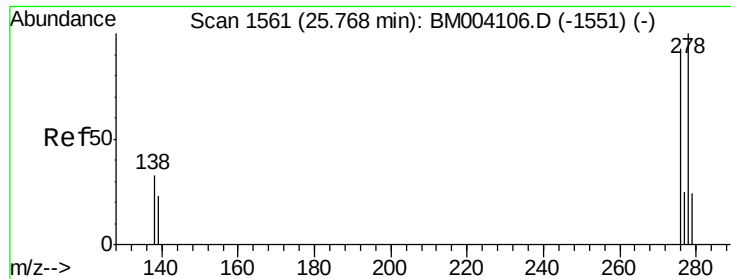


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 0.50 ng

RT: 25.76 min Scan# 1559

Delta R.T. -0.01 min

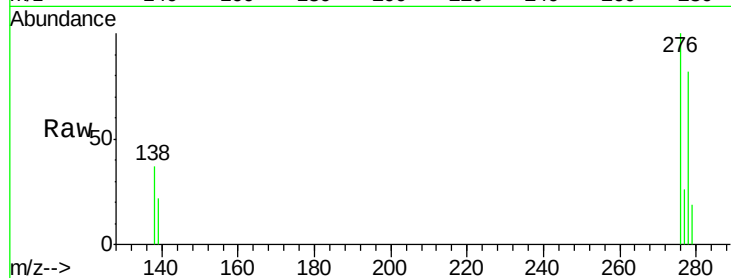
Lab File: BM004104.D

Acq: 22 Jan 2016 11:04

Instrument :

BNA_M

ClientSampleId :



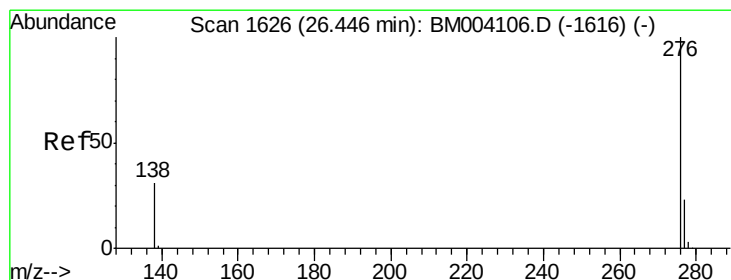
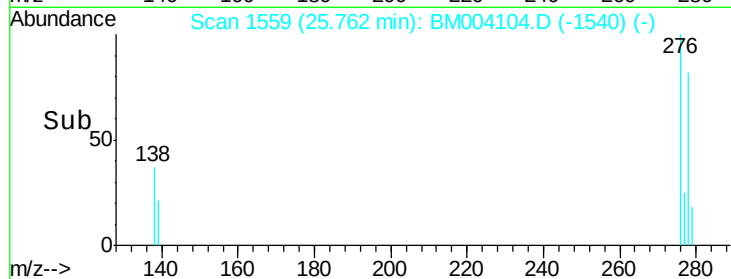
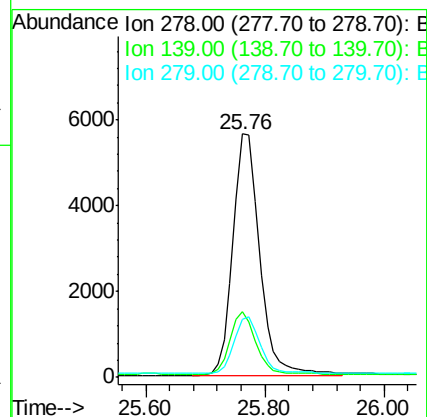
Tot Ion:278 Resp: 17507

Ion Ratio Lower Upper

278 100

139 26.9 19.0 28.6

279 23.8 19.6 29.4



#40

Benzo(g,h,i)perylene

Concen: 0.52 ng

RT: 26.45 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BM004104.D

Acq: 22 Jan 2016 11:04

Tgt Ion:276 Resp: 19318

Ion Ratio Lower Upper

276 100

277 24.3 19.1 28.7

138 31.3 25.0 37.4

