

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012316\
 Data File : BM004102.D
 Acq On : 22 Jan 2016 09:52
 Operator : SJ/UM
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 22 13:13:58 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 13:09:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	23929	5.00	ng	0.00
7) Naphthalene-d8	10.44	136	98675	5.00	ng	0.00
13) Acenaphthene-d10	14.31	164	60451	5.00	ng	0.00
19) Phenanthrene-d10	17.06	188	167259	5.00	ng	0.00
26) Chrysene-d12	21.27	240	170292	5.00	ng	0.00
35) Perylene-d12	23.51	264	154839	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.27	112	477	0.10	ng	0.00
5) Phenol-d6	6.86	99	516	0.09	ng	0.02
8) Nitrobenzene-d5	8.85	82	366	0.08	ng	0.02
14) 2,4,6-Tribromophenol	15.84	330	132	0.09	ng	0.02
15) 2-Fluorobiphenyl	12.94	172	1769	0.09	ng	0.01
29) Terphenyl-d14	19.71	244	2073	0.08	ng	0.00

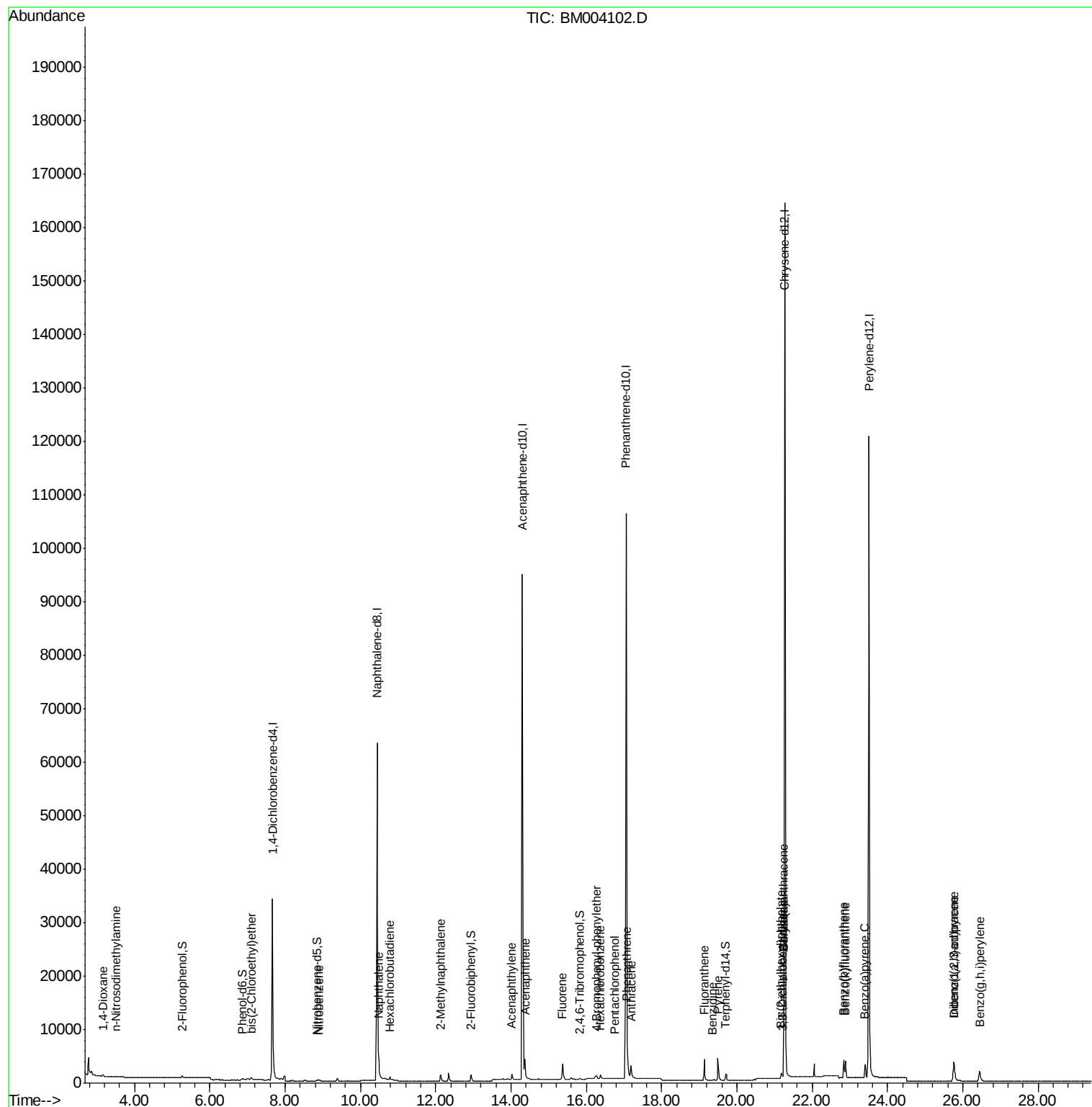
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.17	88	368	0.16	ng	# 72
3) n-Nitrosodimethylamine	3.51	42	181	0.07	ng	# 92
6) bis(2-Chloroethyl)ether	7.10	93	513	0.09	ng	94
9) Nitrobenzene	8.89	77	401	0.08	ng	96
10) Naphthalene	10.49	128	2371	0.11	ng	# 92
11) Hexachlorobutadiene	10.78	225	370	0.11	ng	98
12) 2-Methylnaphthalene	12.13	142	1465	0.10	ng	# 94
16) Acenaphthylene	14.02	152	2271	0.09	ng	# 87
17) Acenaphthene	14.37	154	2139	0.12	ng	92
18) Fluorene	15.37	166	2249	0.11	ng	97
20) 4-Bromophenyl-phenylether	16.27	248	509	0.10	ng	# 63
21) Hexachlorobenzene	16.37	284	554	0.10	ng	# 52
22) Pentachlorophenol	16.76	266	107	0.07	ng	# 77
23) Phenanthrene	17.09	178	3817	0.11	ng	96
24) Anthracene	17.19	178	3308	0.10	ng	98
25) Fluoranthene	19.14	202	4403	0.12	ng	99
27) Benzidine	19.36	184	227	0.02	ng	# 1
28) Pyrene	19.50	202	4678	0.08	ng	99
30) Benzo(a)anthracene	21.25	228	5639	0.12	ng	# 85
31) 3,3'-Dichlorobenzidine	21.21	252	780	0.06	ng	# 94
32) Chrysene	21.25	228	5639	0.11	ng	99
33) Bis(2-ethylhexyl)phthalate	21.17	149	1897	0.09	ng	# 54
34) Indeno(1,2,3-cd)pyrene	25.76	276	4398	0.12	ng	99
36) Benzo(b)fluoranthene	22.84	252	4505	0.10	ng	# 88
37) Benzo(k)fluoranthene	22.88	252	4205	0.09	ng	# 88
38) Benzo(a)pyrene	23.40	252	3940	0.10	ng	# 85
39) Dibenzo(a,h)anthracene	25.77	278	3427	0.10	ng	# 87
40) Benzo(g,h,i)perylene	26.45	276	3963	0.11	ng	# 91

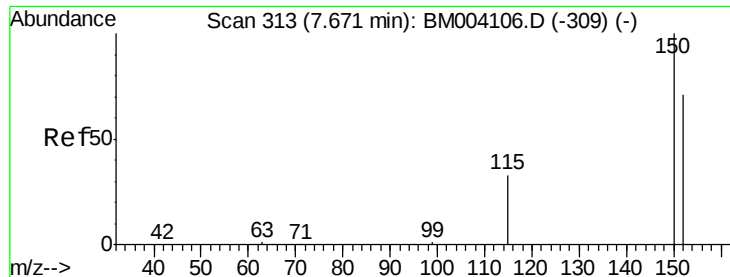
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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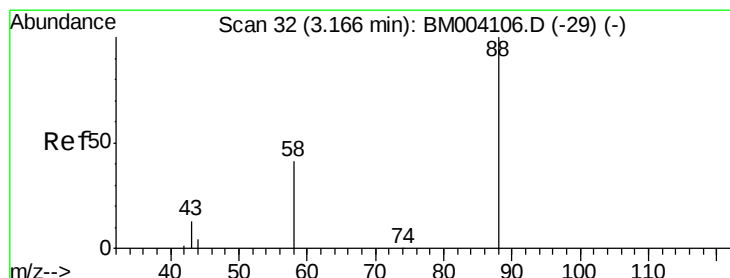
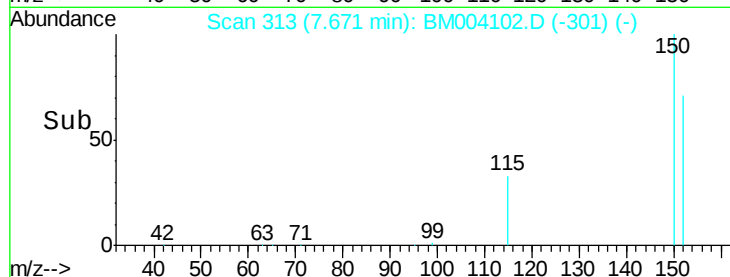
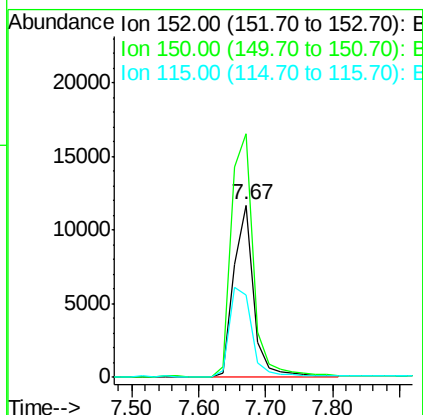
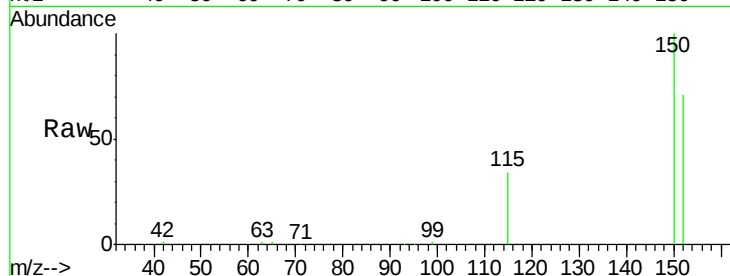


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.67 min Scan# 313
Delta R.T. -0.00 min
Lab File: BM004102.D
Acq: 22 Jan 2016 09:52

Instrument :
BNA_M
ClientSampleId :

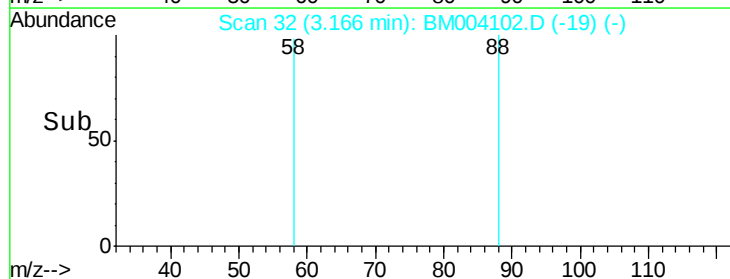
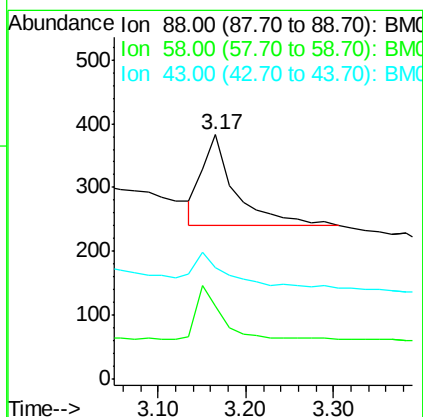
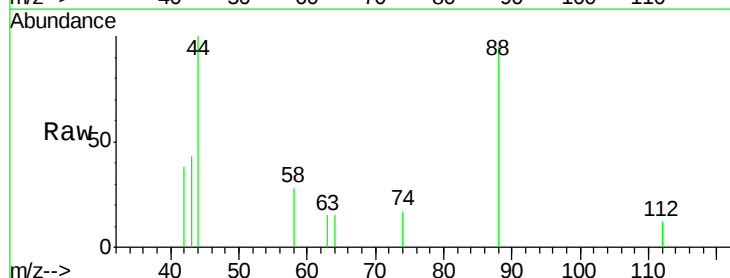
Tot Ion:152 Resp: 23929
Ion Ratio Lower Upper
152 100
150 141.6 122.9 184.3
115 47.7 44.4 66.6

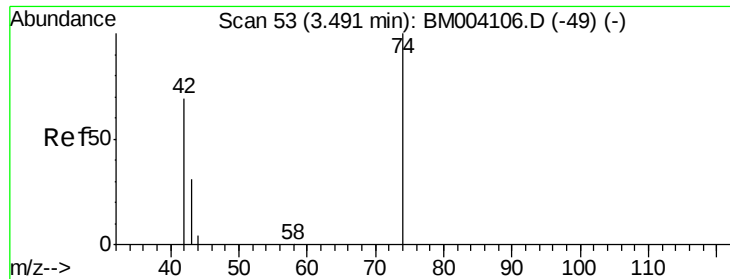


#2

1,4-Dioxane
Concen: 0.16 ng
RT: 3.17 min Scan# 32
Delta R.T. -0.00 min
Lab File: BM004102.D
Acq: 22 Jan 2016 09:52

Tgt Ion: 88 Resp: 368
Ion Ratio Lower Upper
88 100
58 44.0 53.8 80.6#
43 43.5 23.8 35.6#



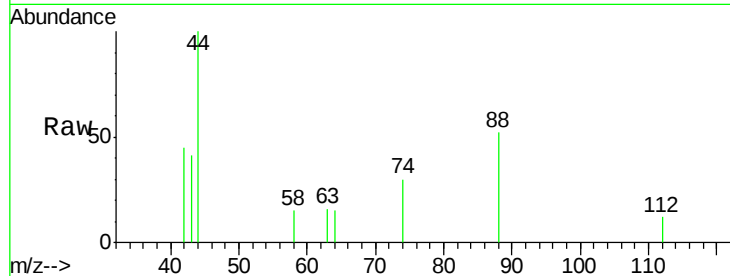


#3

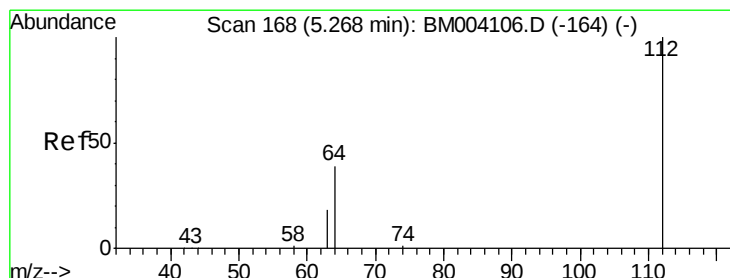
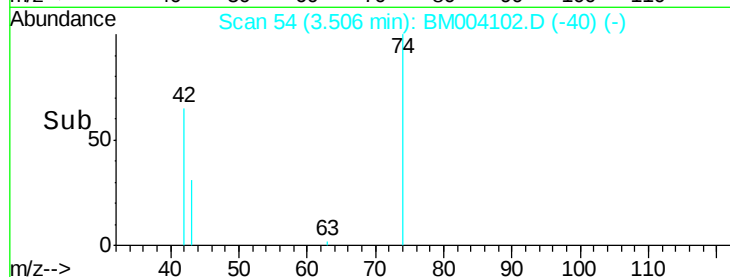
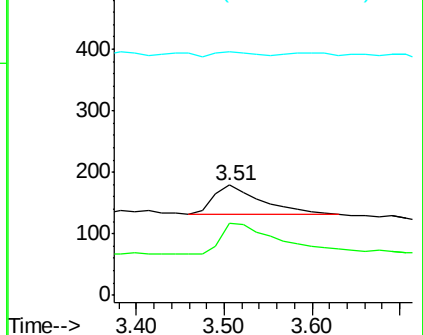
n-Nitrosodimethylamine
 Concen: 0.07 ng
 RT: 3.51 min Scan# 54
 Delta R.T. 0.02 min
 Lab File: BM004102.D
 Acq: 22 Jan 2016 09:52

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion: 42 Resp: 181
 Ion Ratio Lower Upper
 42 100
 74 127.1 95.0 142.4
 44 12.2 5.1 7.7#



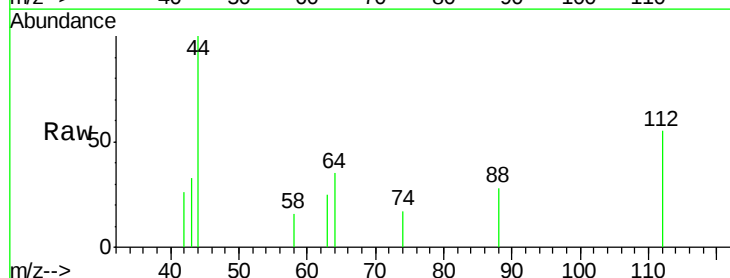
Abundance Ion 42.00 (41.70 to 42.70): BM0
 Ion 74.00 (73.70 to 74.70): BM0
 Ion 44.00 (43.70 to 44.70): BM0



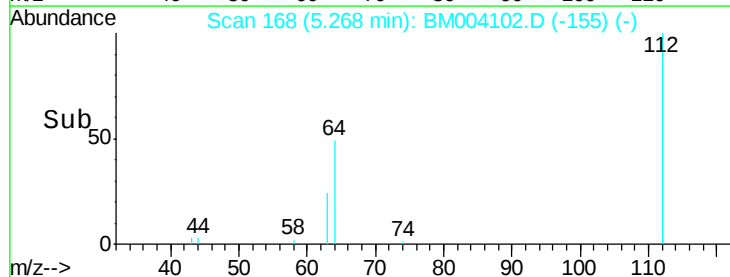
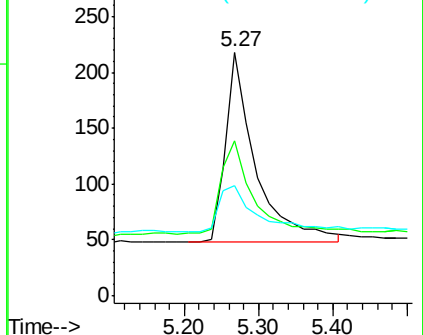
#4

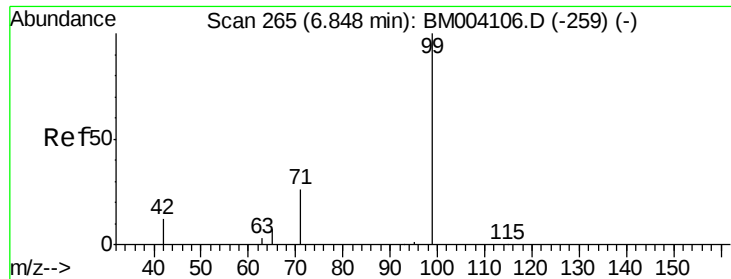
2-Fluorophenol
 Concen: 0.10 ng
 RT: 5.27 min Scan# 168
 Delta R.T. -0.00 min
 Lab File: BM004102.D
 Acq: 22 Jan 2016 09:52

Tgt Ion: 112 Resp: 477
 Ion Ratio Lower Upper
 112 100
 64 54.3 41.8 62.8
 63 31.0 22.1 33.1



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





#5

Phenol-d6

Concen: 0.09 ng

RT: 6.86 min Scan# 266

Delta R.T. 0.02 min

Lab File: BM004102.D

Acq: 22 Jan 2016 09:52

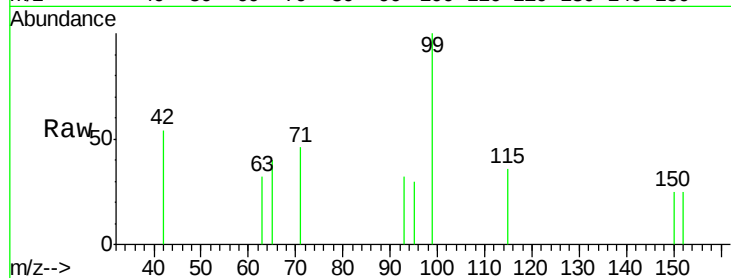
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 516

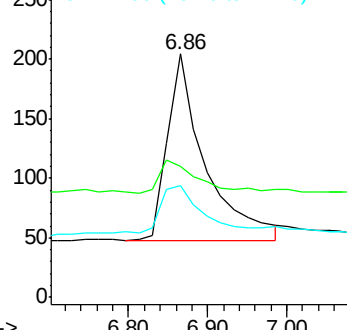
Ion	Ratio	Lower	Upper
99	100		
42	19.2	16.2	24.2
71	31.2	24.4	36.6



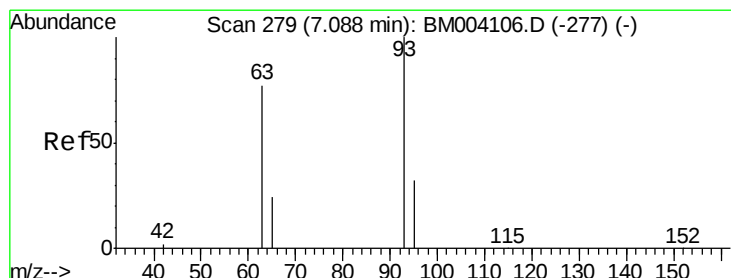
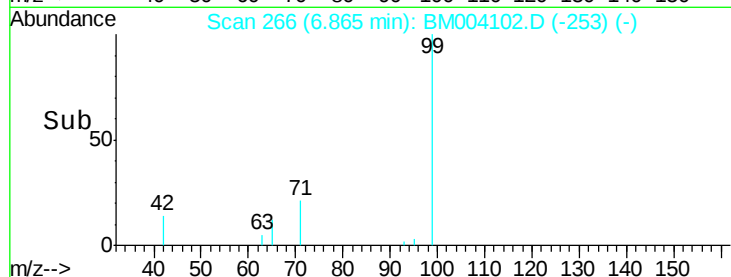
Abundance Ion 99.00 (98.70 to 99.70): BM004102.D (-253) (-)

Ion 42.00 (41.70 to 42.70): BM004102.D (-253) (-)

Ion 71.00 (70.70 to 71.70): BM004102.D (-253) (-)



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.09 ng

RT: 7.10 min Scan# 280

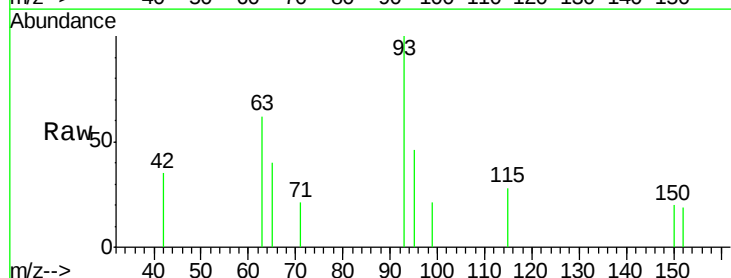
Delta R.T. 0.02 min

Lab File: BM004102.D

Acq: 22 Jan 2016 09:52

Tgt Ion: 93 Resp: 513

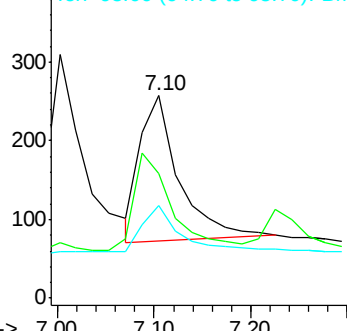
Ion	Ratio	Lower	Upper
93	100		
63	66.5	58.3	87.5
95	31.4	25.8	38.8



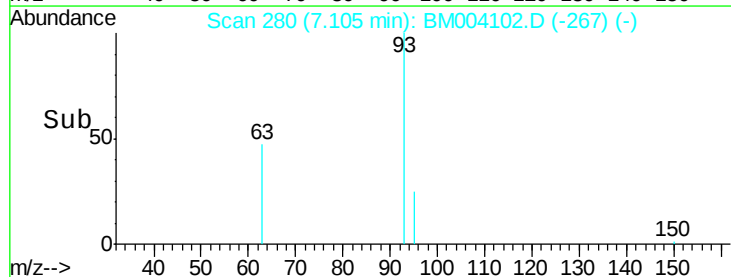
Abundance Ion 93.00 (92.70 to 93.70): BM004102.D (-267) (-)

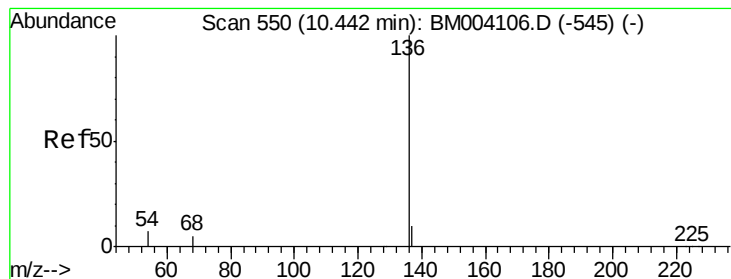
Ion 63.00 (62.70 to 63.70): BM004102.D (-267) (-)

Ion 95.00 (94.70 to 95.70): BM004102.D (-267) (-)



Time-->

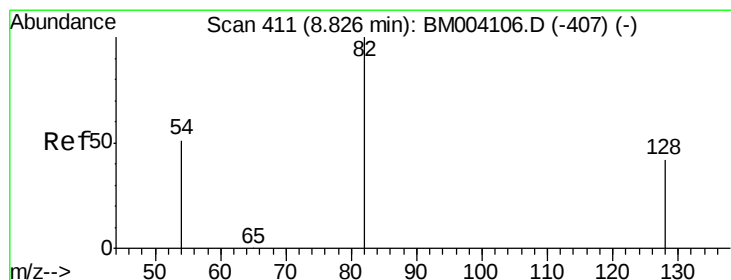
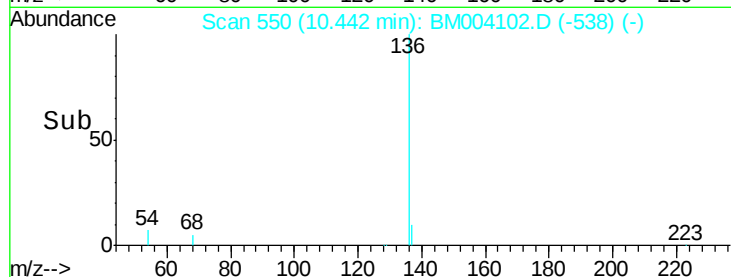
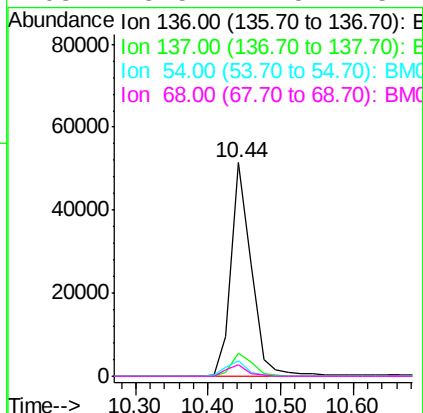
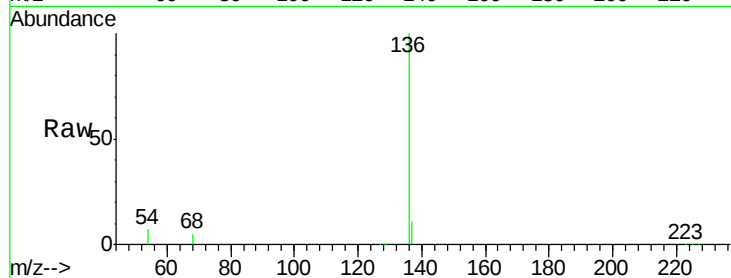




#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.44 min Scan# 550
Delta R.T. -0.00 min
Lab File: BM004102.D
Acq: 22 Jan 2016 09:52

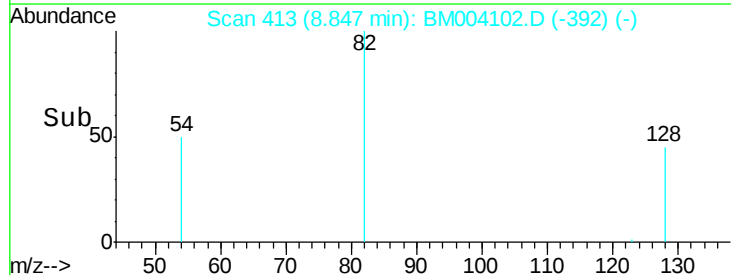
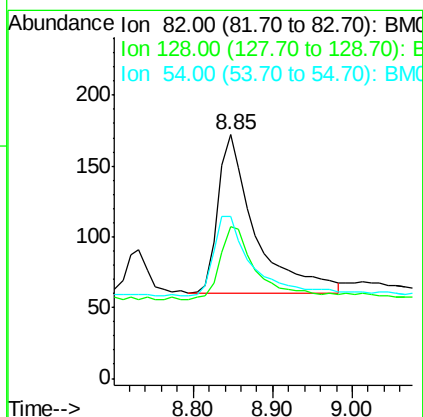
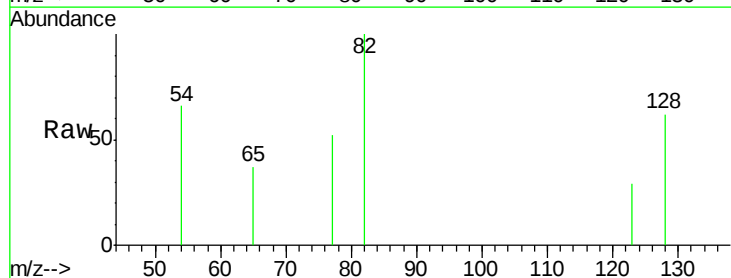
Instrument :
BNA_M
ClientSampleId :

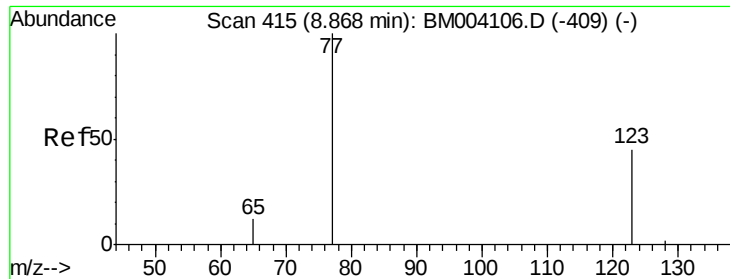
Tot Ion:136	Resp:	98675
Ion Ratio	Lower	Upper
136	100	
137	10.5	9.2 13.8
54	7.1	2.8 4.2#
68	5.5	2.5 3.7#



#8
Nitrobenzene-d5
Concen: 0.08 ng
RT: 8.85 min Scan# 413
Delta R.T. 0.02 min
Lab File: BM004102.D
Acq: 22 Jan 2016 09:52

Tgt Ion: 82	Resp:	366
Ion Ratio	Lower	Upper
82	100	
128	62.2	39.1 58.7#
54	66.3	34.8 52.2#

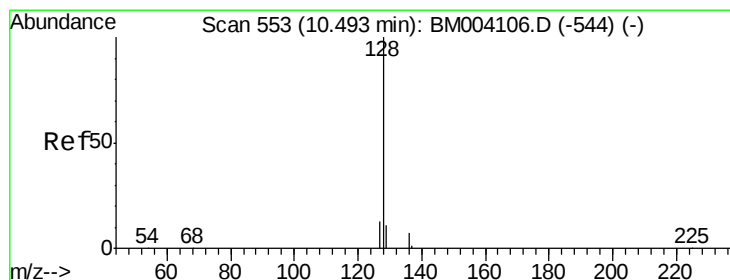
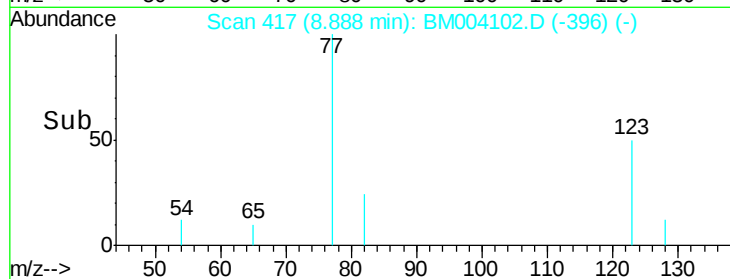
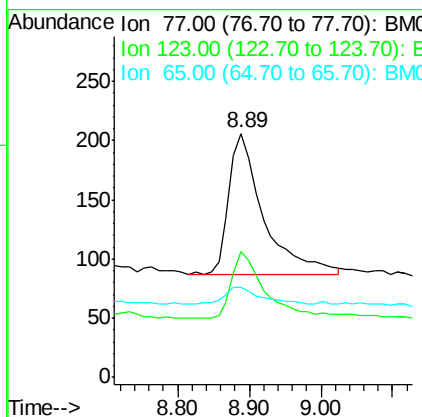
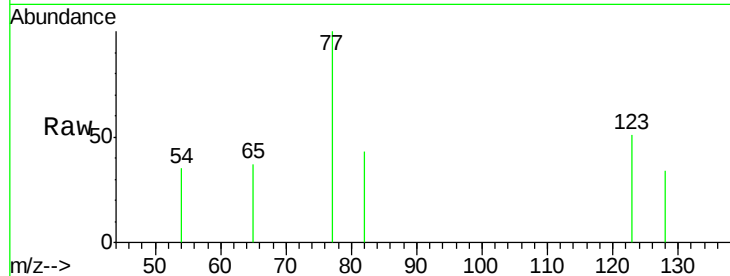




#9
 Nitrobenzene
 Concen: 0.08 ng
 RT: 8.89 min Scan# 417
 Delta R.T. 0.02 min
 Lab File: BM004102.D
 Acq: 22 Jan 2016 09:52

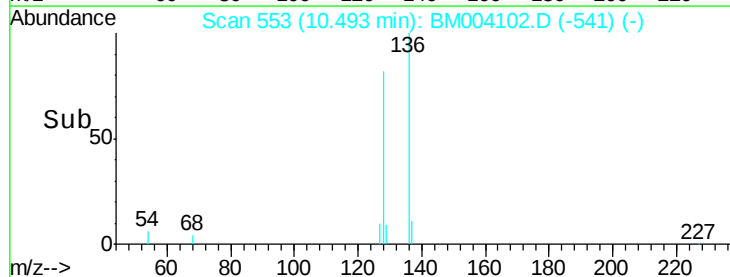
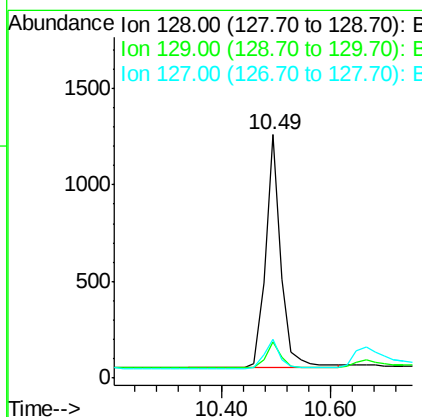
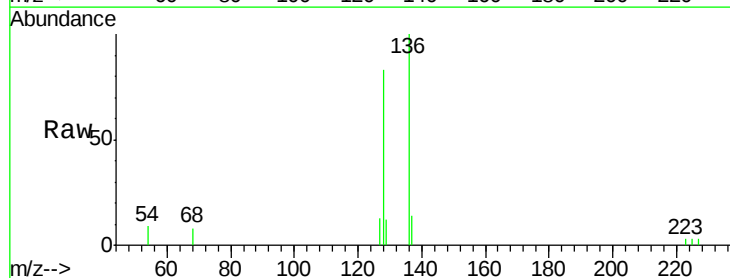
Instrument :
 BNA_M
 ClientSampleId :

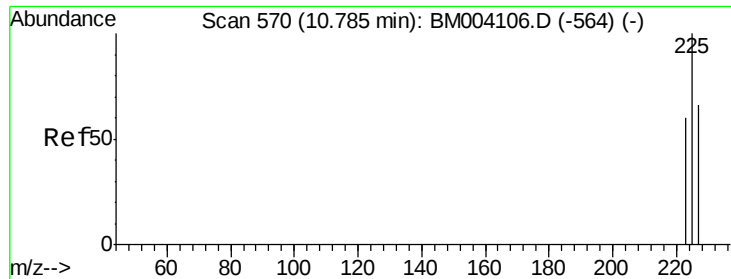
Tot Ion: 77 Resp: 401
 Ion Ratio Lower Upper
 77 100
 123 45.4 38.6 57.8
 65 12.0 9.9 14.9



#10
 Naphthalene
 Concen: 0.11 ng
 RT: 10.49 min Scan# 553
 Delta R.T. -0.00 min
 Lab File: BM004102.D
 Acq: 22 Jan 2016 09:52

Tgt Ion: 128 Resp: 2371
 Ion Ratio Lower Upper
 128 100
 129 14.8 8.5 12.7#
 127 16.1 11.0 16.4

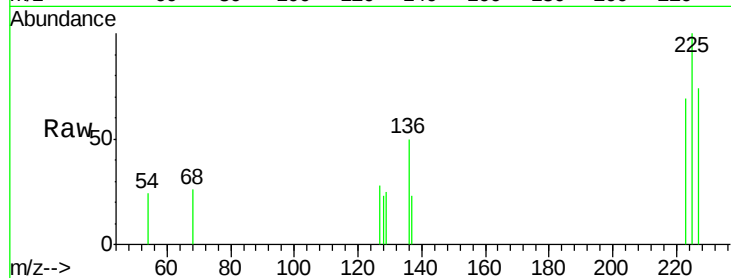




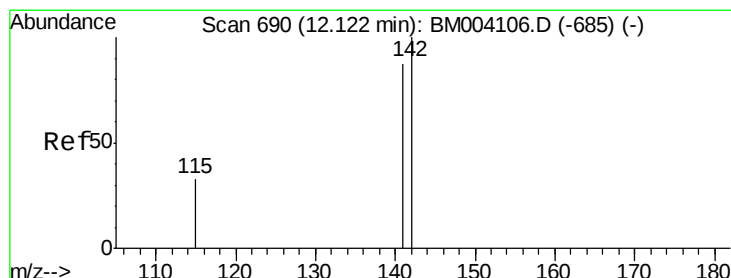
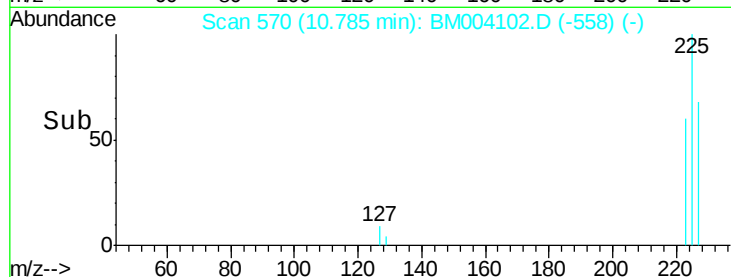
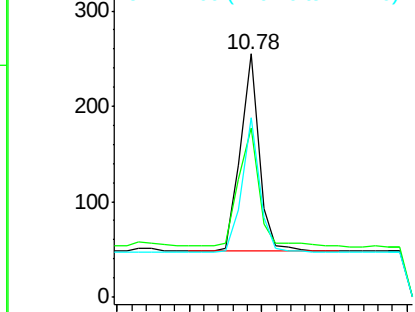
#11
Hexachlorobutadiene
Concen: 0.11 ng
RT: 10.78 min Scan# 570
Delta R.T. -0.00 min
Lab File: BM004102.D
Acq: 22 Jan 2016 09:52

Instrument :
BNA_M
ClientSampleId :

Tot Ion:225 Resp: 370
Ion Ratio Lower Upper
225 100
223 65.9 50.9 76.3
227 63.5 51.2 76.8

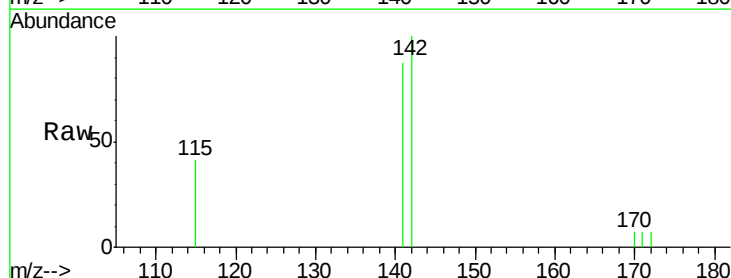


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

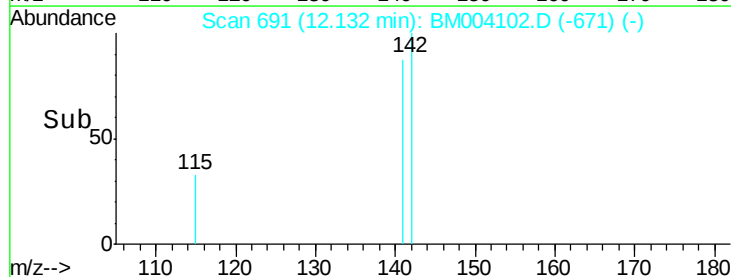
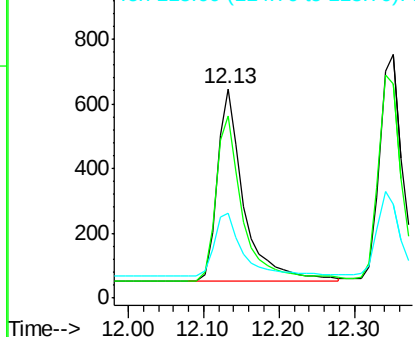


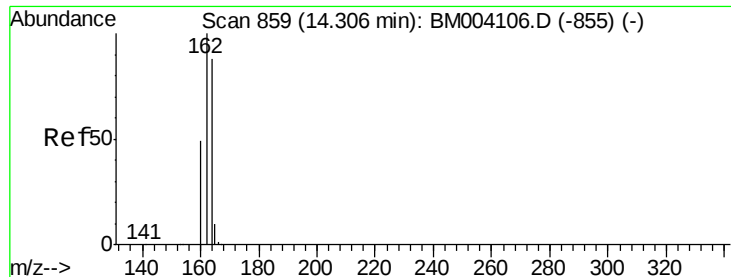
#12
2-Methylnaphthalene
Concen: 0.10 ng
RT: 12.13 min Scan# 691
Delta R.T. 0.01 min
Lab File: BM004102.D
Acq: 22 Jan 2016 09:52

Tgt Ion:142 Resp: 1465
Ion Ratio Lower Upper
142 100
141 86.8 67.8 101.8
115 40.6 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: 14.31 min Scan# 859

Delta R.T. -0.00 min

Lab File: BM004102.D

Acq: 22 Jan 2016 09:52

Instrument :

BNA_M

ClientSampleId :

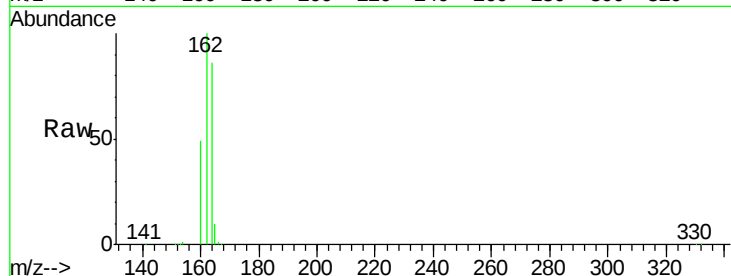
Tot Ion:164 Resp: 60451

Ion Ratio Lower Upper

164 100

162 115.7 86.0 129.0

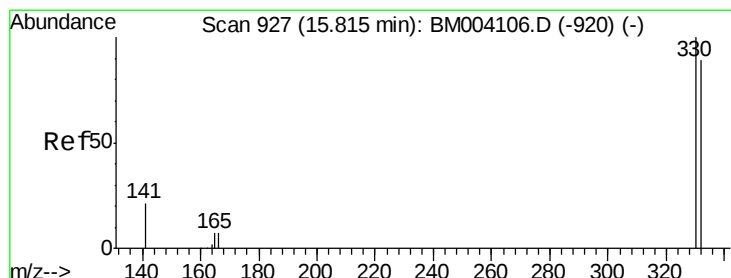
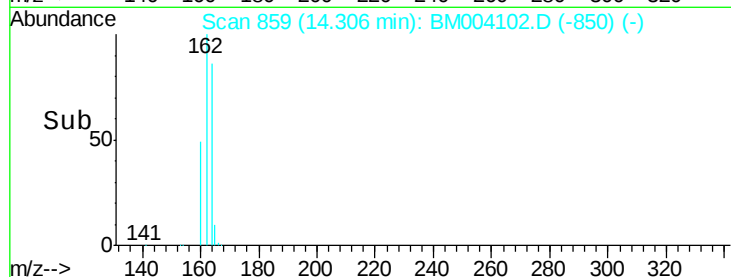
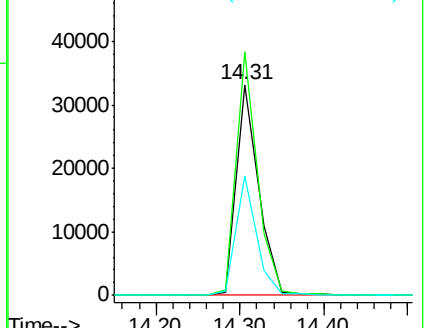
160 56.9 40.3 60.5



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: 0.09 ng

RT: 15.84 min Scan# 928

Delta R.T. 0.02 min

Lab File: BM004102.D

Acq: 22 Jan 2016 09:52

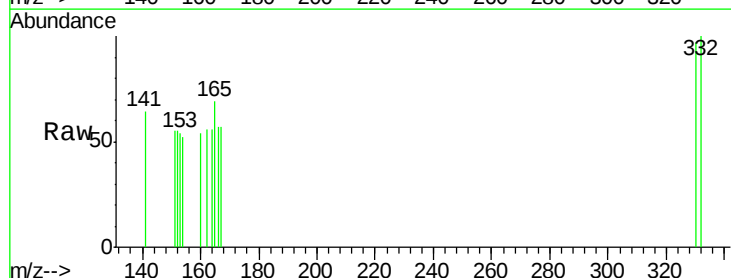
Tgt Ion:330 Resp: 132

Ion Ratio Lower Upper

330 100

332 97.0 79.0 118.4

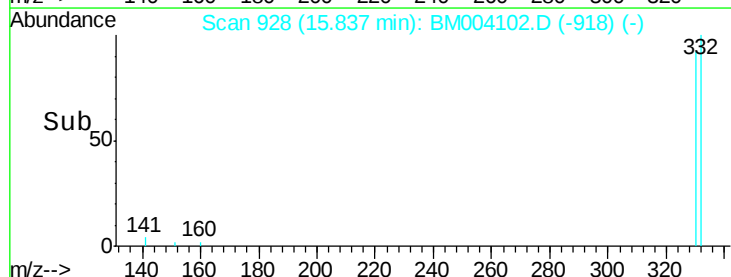
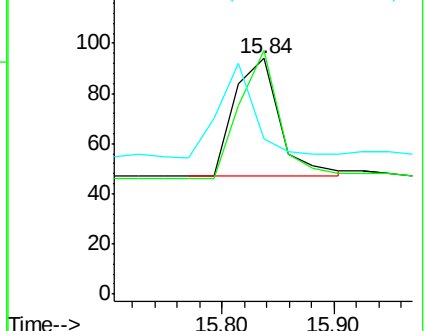
141 0.0 27.8 41.6#

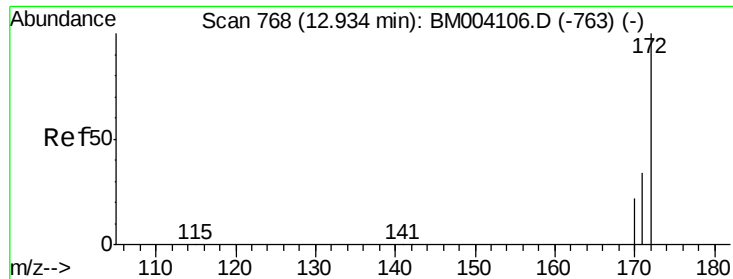


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

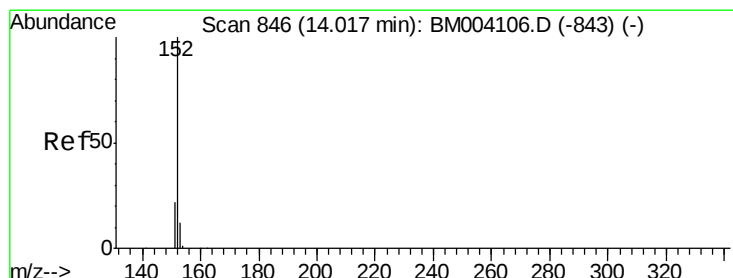
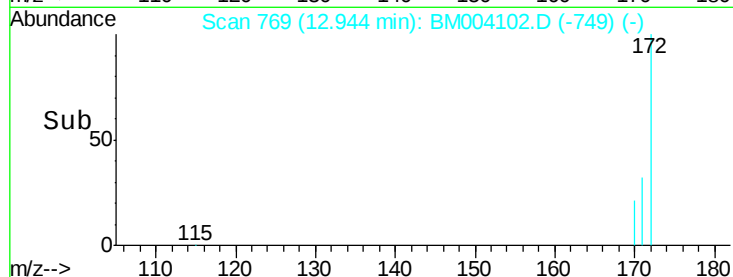
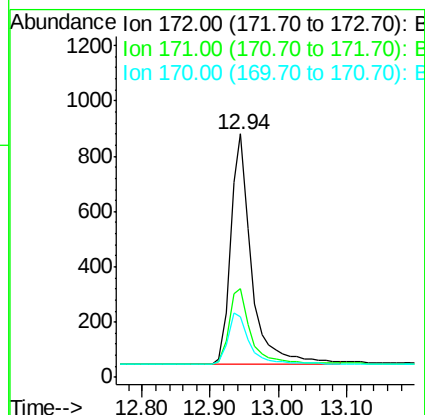
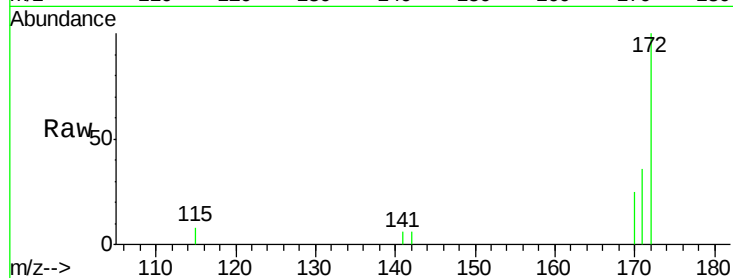




#15
2-Fluorobiphenyl
Concen: 0.09 ng
RT: 12.94 min Scan# 769
Delta R.T. 0.01 min
Lab File: BM004102.D
Acq: 22 Jan 2016 09:52

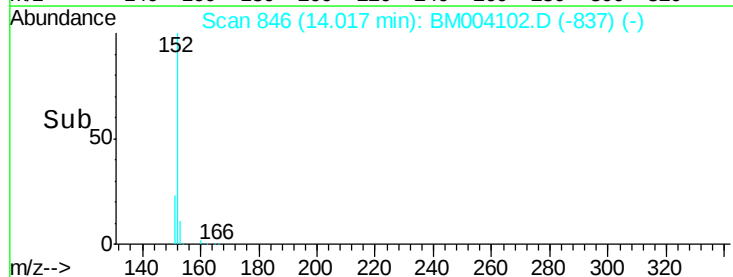
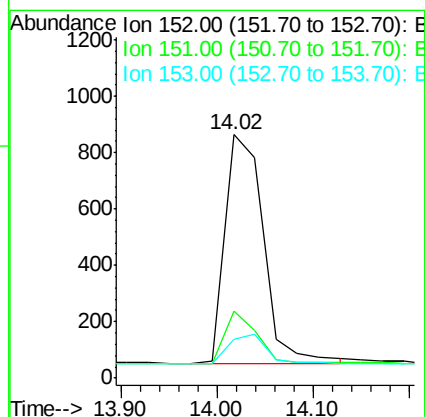
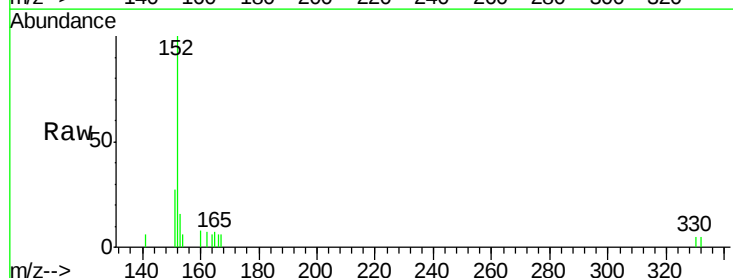
Instrument :
BNA_M
ClientSampleId :

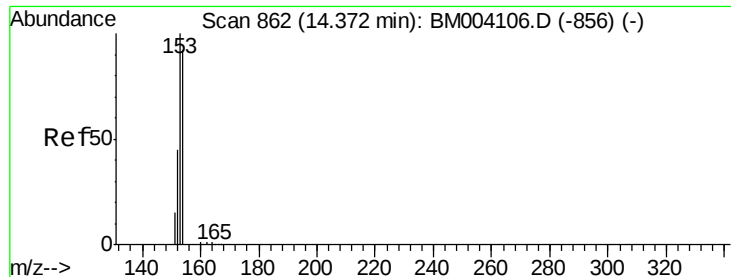
Tot Ion:172	Resp: 1769
Ion Ratio	Lower Upper
172 100	
171 36.2	27.0 40.6
170 24.9	17.9 26.9



#16
Acenaphthylene
Concen: 0.09 ng
RT: 14.02 min Scan# 846
Delta R.T. -0.00 min
Lab File: BM004102.D
Acq: 22 Jan 2016 09:52

Tgt	Ion:152	Resp:	2271
Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.8
153	0.0	10.2	15.4#

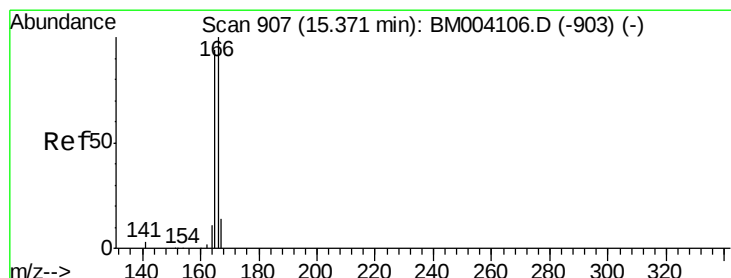
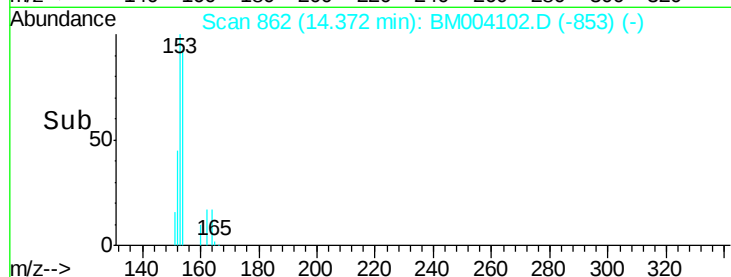
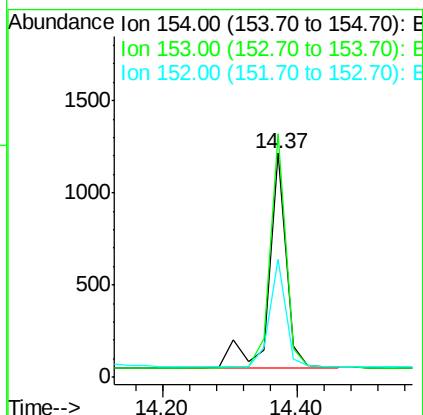
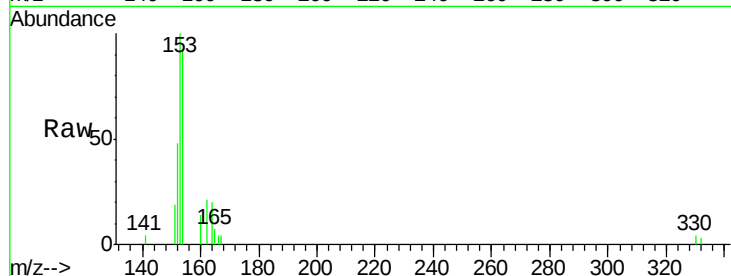




#17
Acenaphthene
Concen: 0.12 ng
RT: 14.37 min Scan# 862
Delta R.T. -0.00 min
Lab File: BM004102.D
Acq: 22 Jan 2016 09:52

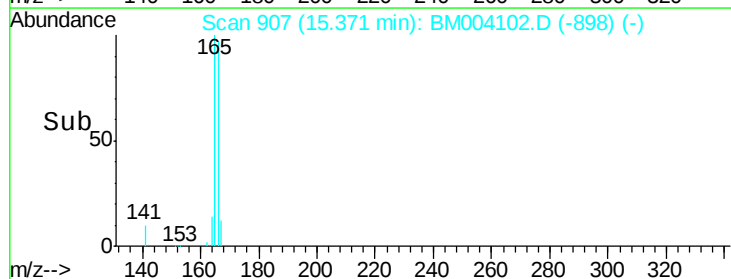
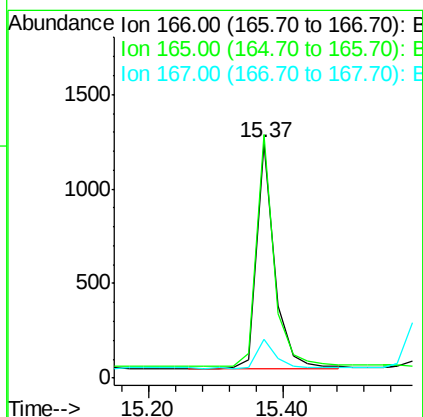
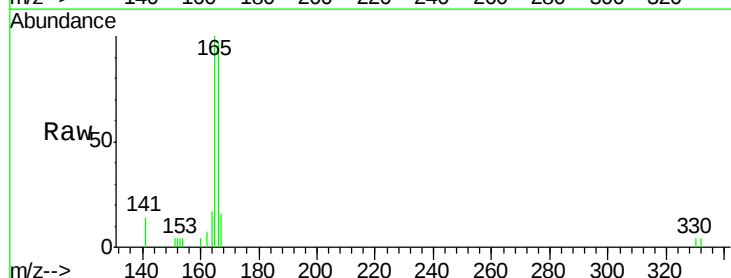
Instrument :
BNA_M
ClientSampleId :

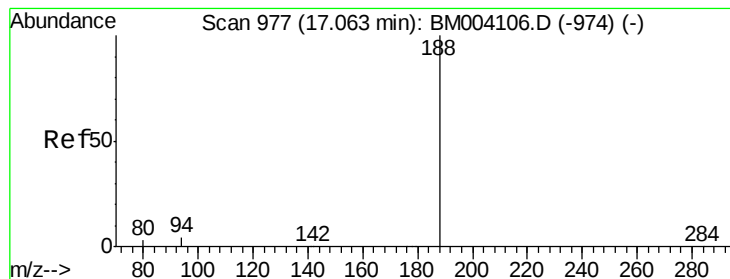
Tot Ion:154 Resp: 2139
Ion Ratio Lower Upper
154 100
153 98.2 85.4 128.2
152 45.8 40.6 60.8



#18
Fluorene
Concen: 0.11 ng
RT: 15.37 min Scan# 907
Delta R.T. -0.00 min
Lab File: BM004102.D
Acq: 22 Jan 2016 09:52

Tgt Ion:166 Resp: 2249
Ion Ratio Lower Upper
166 100
165 100.1 77.2 115.8
167 13.4 11.0 16.6





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.06 min Scan# 977

Delta R.T. -0.00 min

Lab File: BM004102.D

Acq: 22 Jan 2016 09:52

Instrument :

BNA_M

ClientSampleId :

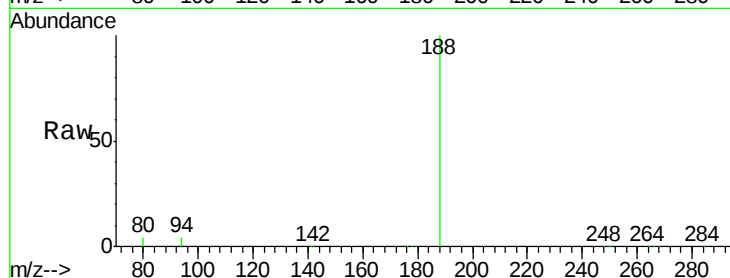
Tot Ion:188 Resp: 167259

Ion Ratio Lower Upper

188 100

94 4.2 20.3 30.5#

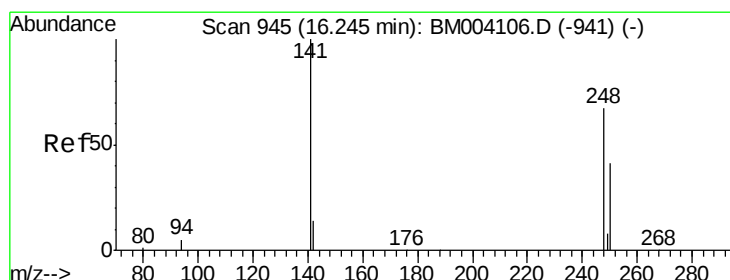
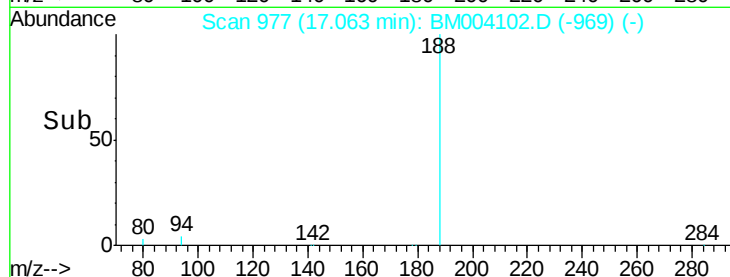
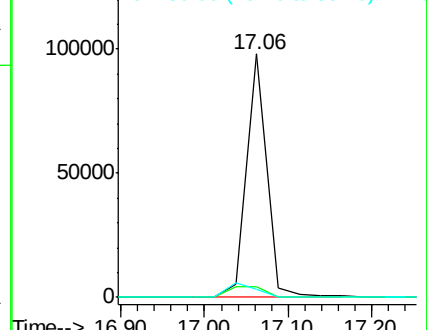
80 3.6 22.2 33.4#



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: 0.10 ng

RT: 16.27 min Scan# 946

Delta R.T. 0.03 min

Lab File: BM004102.D

Acq: 22 Jan 2016 09:52

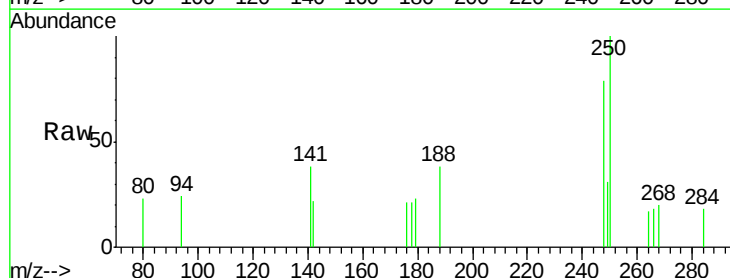
Tgt Ion:248 Resp: 509

Ion Ratio Lower Upper

248 100

250 97.6 75.0 112.4

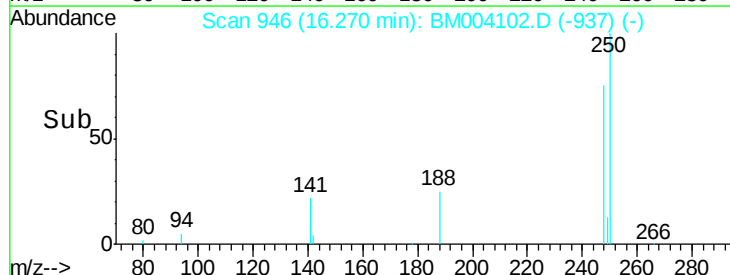
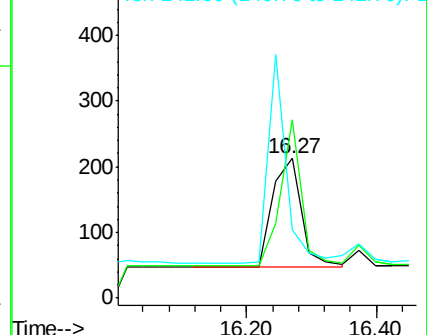
141 0.0 53.0 79.4#

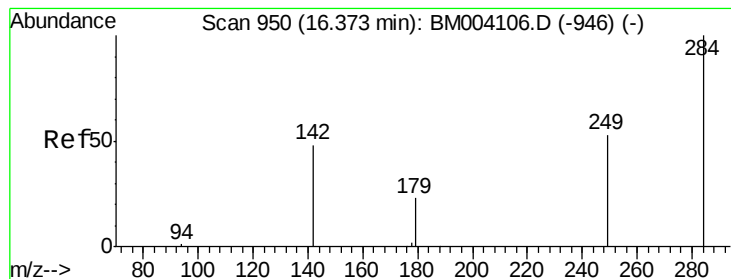


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.10 ng

RT: 16.37 min Scan# 950

Delta R.T. -0.00 min

Lab File: BM004102.D

Acq: 22 Jan 2016 09:52

Instrument :

BNA_M

ClientSampleId :

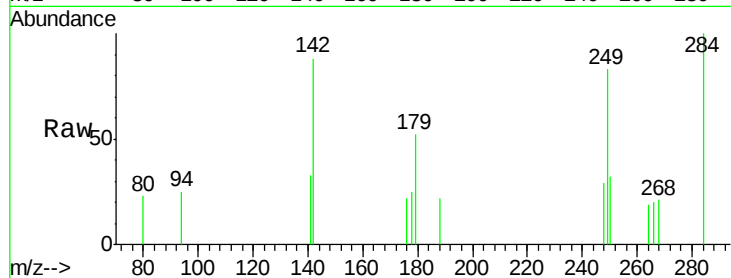
Tot Ion:284 Resp: 554

Ion Ratio Lower Upper

284 100

142 57.2 22.2 33.4#

249 47.3 21.5 32.3#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

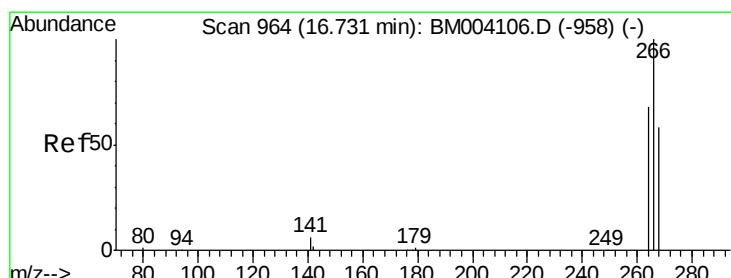
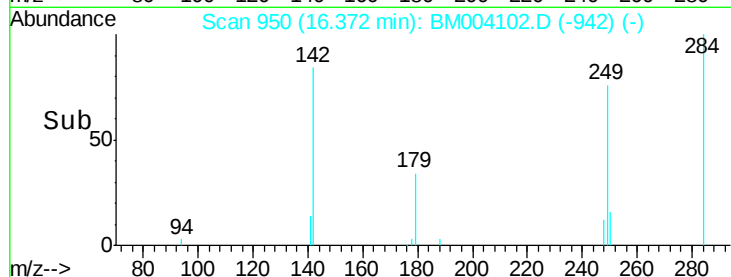
16.37

200

100

0

Time-->



#22

Pentachlorophenol

Concen: 0.07 ng

RT: 16.76 min Scan# 965

Delta R.T. 0.03 min

Lab File: BM004102.D

Acq: 22 Jan 2016 09:52

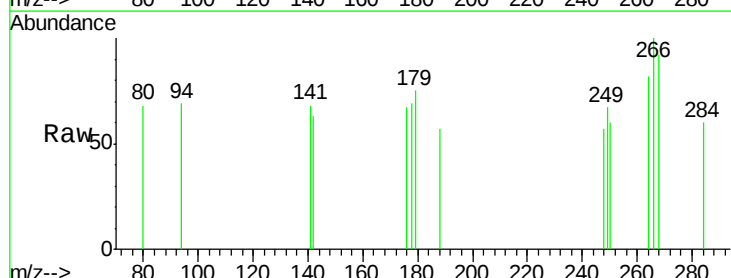
Tgt Ion:266 Resp: 107

Ion Ratio Lower Upper

266 100

268 91.7 62.7 94.1

264 82.1 45.7 68.5#



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

16.76

100

80

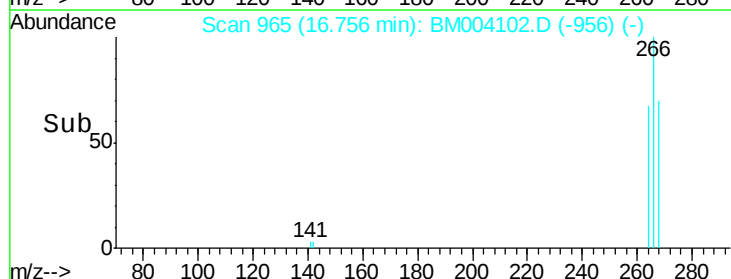
60

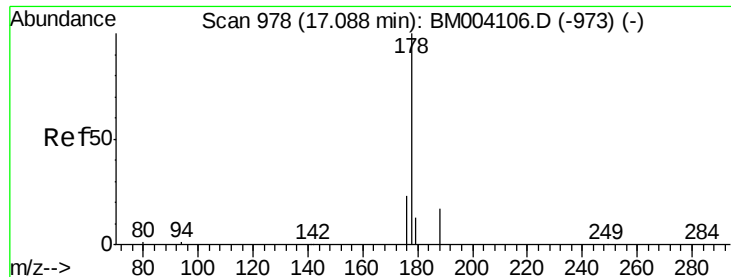
40

20

0

Time-->

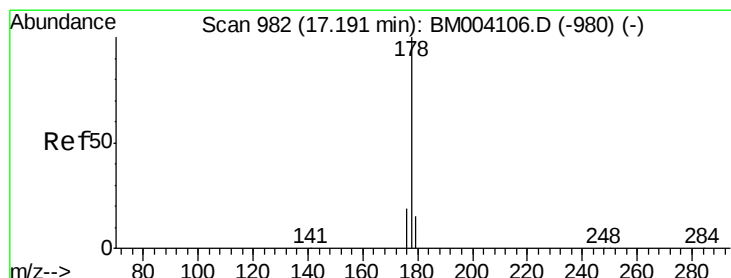
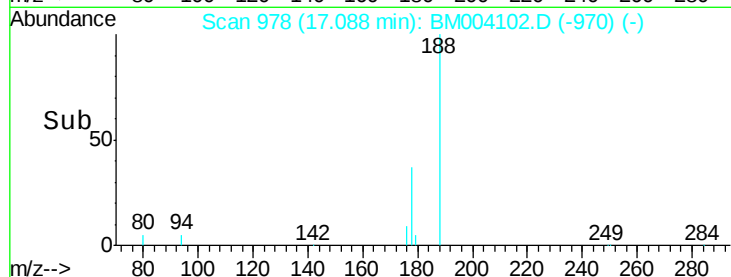
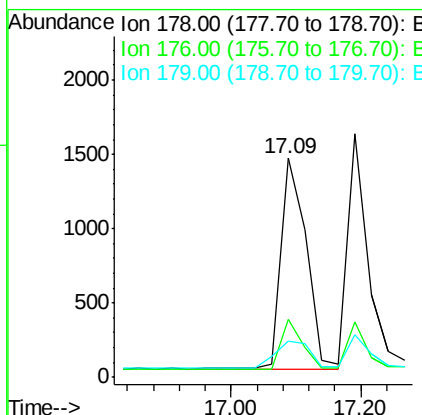
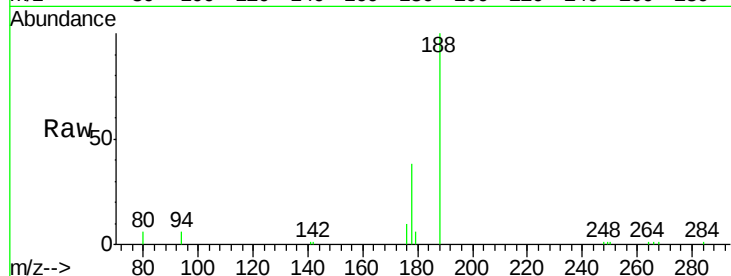




#23
Phenanthrene
Concen: 0.11 ng
RT: 17.09 min Scan# 978
Delta R.T. -0.00 min
Lab File: BM004102.D
Acq: 22 Jan 2016 09:52

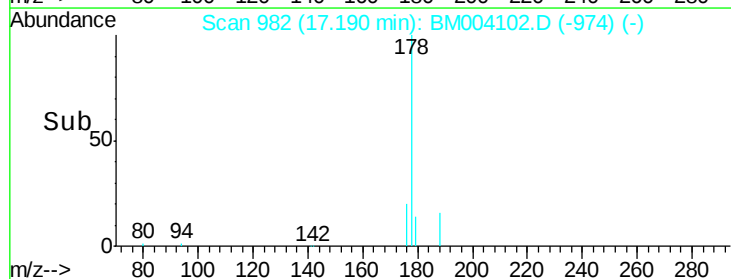
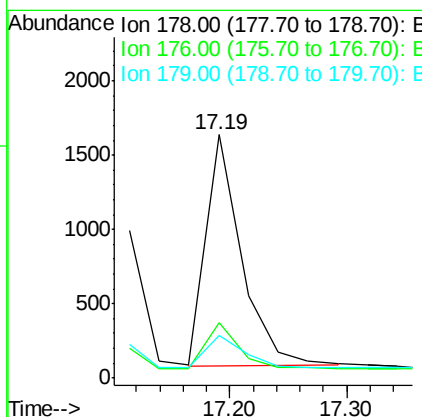
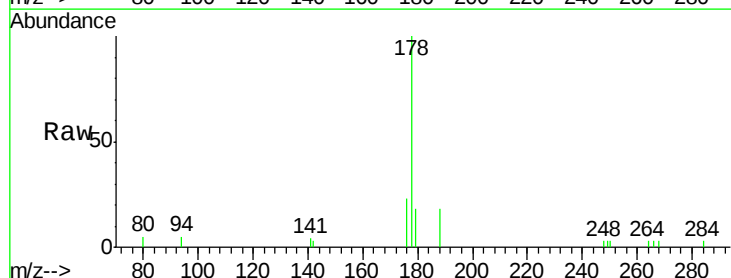
Instrument :
BNA_M
ClientSampleId :

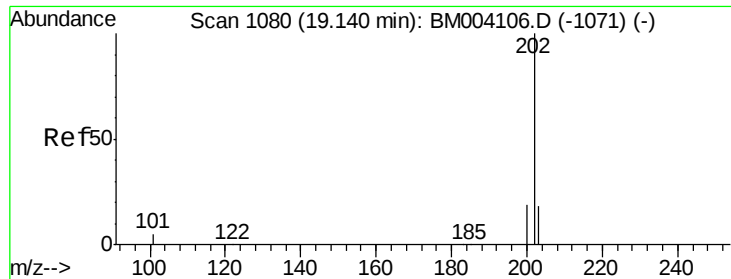
Tot Ion:178 Resp: 3817
Ion Ratio Lower Upper
178 100
176 20.0 15.4 23.0
179 18.3 12.2 18.4



#24
Anthracene
Concen: 0.10 ng
RT: 17.19 min Scan# 982
Delta R.T. -0.00 min
Lab File: BM004102.D
Acq: 22 Jan 2016 09:52

Tgt Ion:178 Resp: 3308
Ion Ratio Lower Upper
178 100
176 19.1 14.6 21.8
179 15.0 12.6 19.0





#25

Fluoranthene

Concen: 0.12 ng

RT: 19.14 min Scan# 1080

Delta R.T. -0.00 min

Lab File: BM004102.D

Acq: 22 Jan 2016 09:52

Instrument :

BNA_M

ClientSampleId :

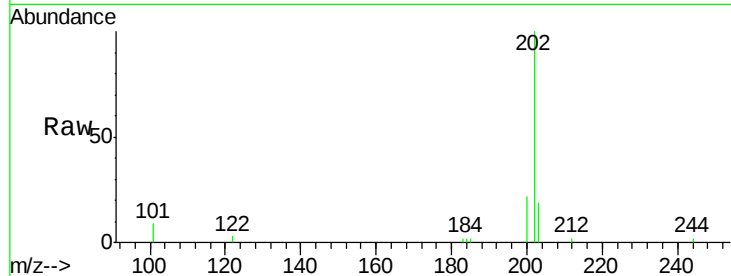
Tot Ion:202 Resp: 4403

Ion Ratio Lower Upper

202 100

101 11.6 9.7 14.5

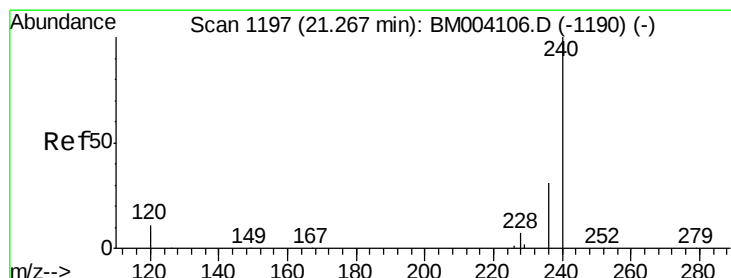
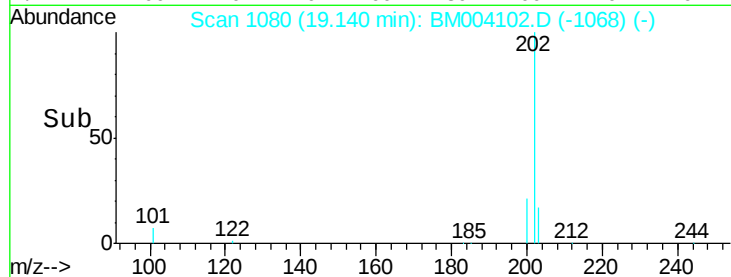
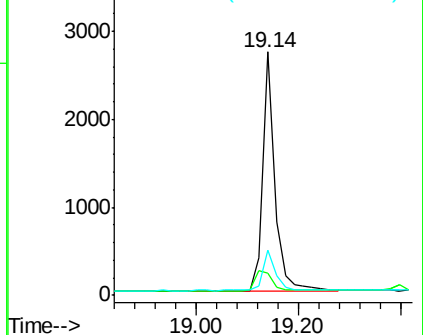
203 17.8 13.8 20.8



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: BM004102.D

Acq: 22 Jan 2016 09:52

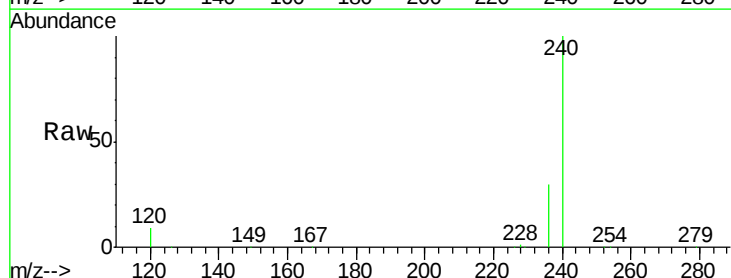
Tgt Ion:240 Resp: 170292

Ion Ratio Lower Upper

240 100

120 9.1 0.9 1.3#

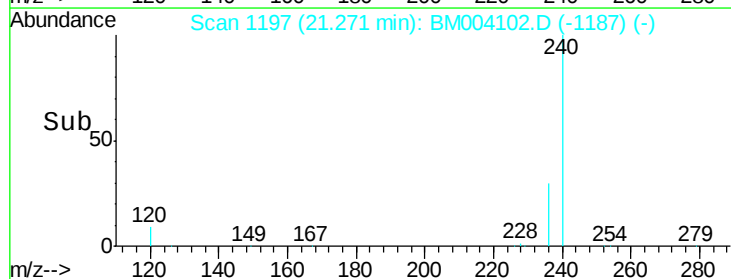
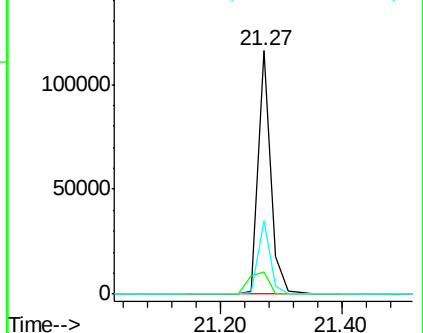
236 30.4 17.3 25.9#

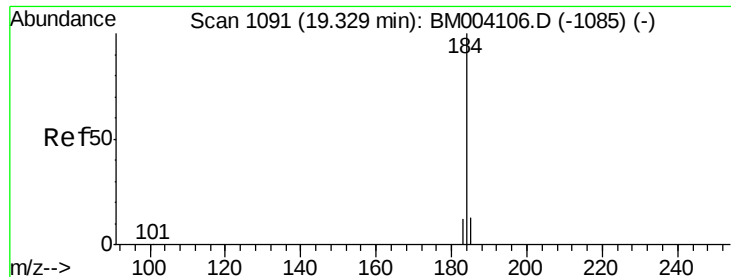


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 0.02 ng

RT: 19.36 min Scan# 1093

Delta R.T. 0.03 min

Lab File: BM004102.D

Acq: 22 Jan 2016 09:52

Instrument :

BNA_M

ClientSampled :

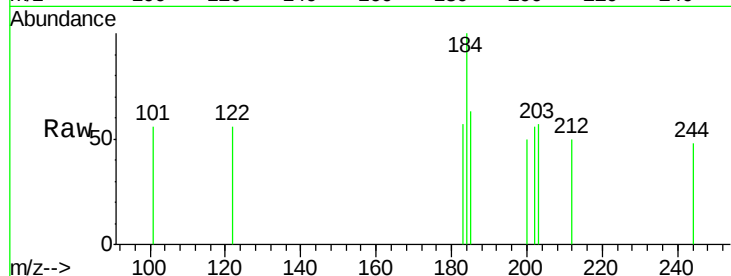
Tot Ion:184 Resp: 227

Ion Ratio Lower Upper

184 100

185 63.4 13.2 19.8#

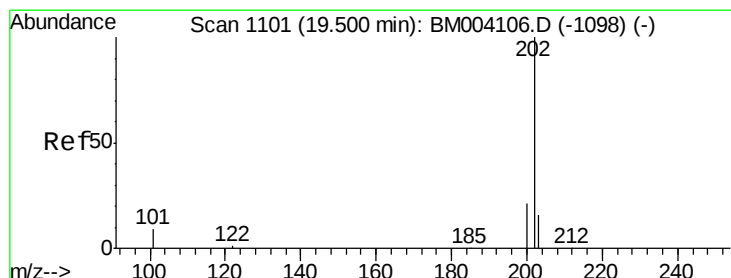
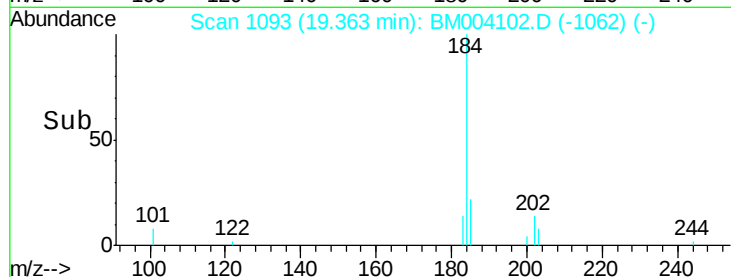
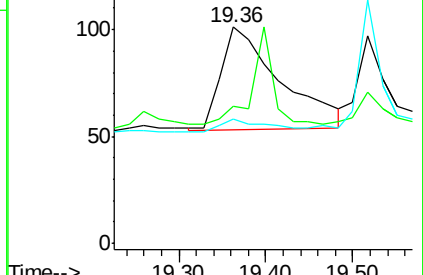
183 57.4 9.0 13.6#



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: 0.08 ng

RT: 19.50 min Scan# 1101

Delta R.T. -0.00 min

Lab File: BM004102.D

Acq: 22 Jan 2016 09:52

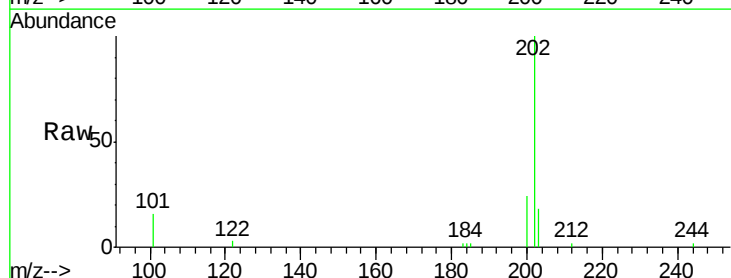
Tgt Ion:202 Resp: 4678

Ion Ratio Lower Upper

202 100

200 21.2 16.6 24.8

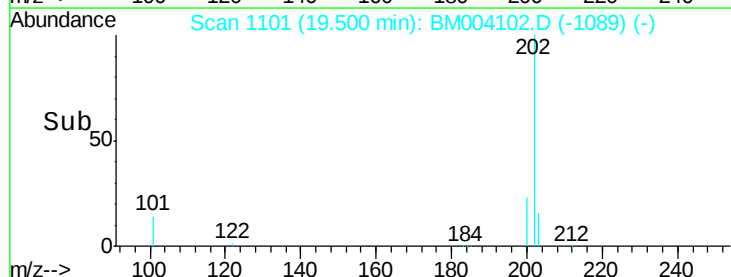
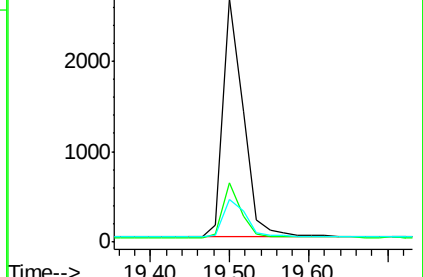
203 17.9 14.0 21.0

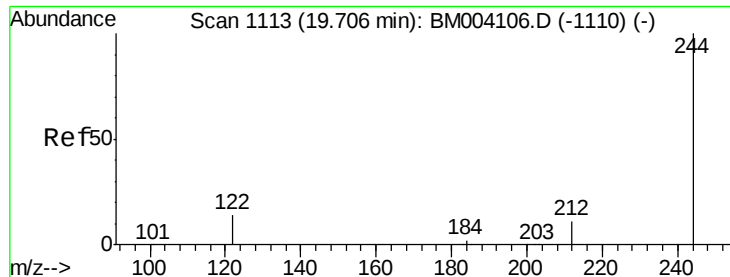


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.08 ng

RT: 19.71 min Scan# 1113

Delta R.T. -0.00 min

Lab File: BM004102.D

Acq: 22 Jan 2016 09:52

Instrument :

BNA_M

ClientSampleId :

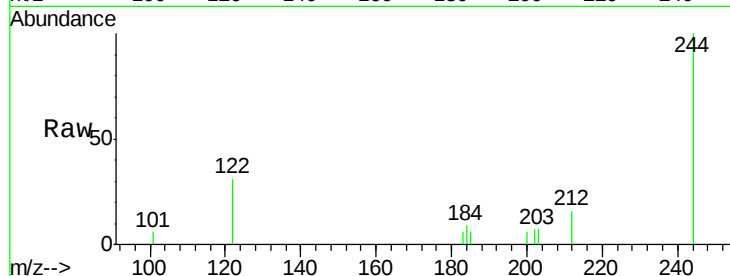
Tot Ion:244 Resp: 2073

Ion Ratio Lower Upper

244 100

212 16.1 7.0 10.6#

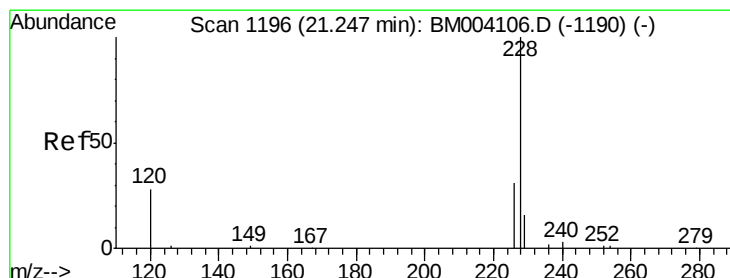
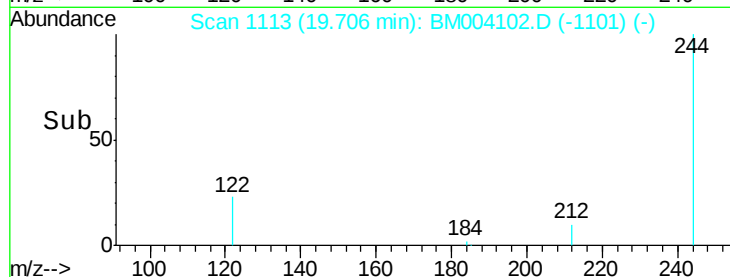
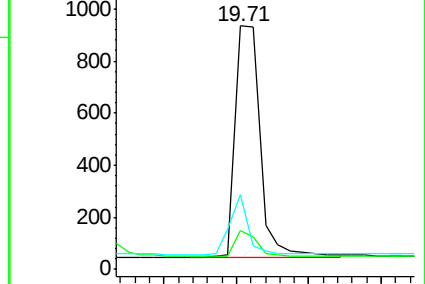
122 30.6 3.0 4.6#



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: 0.12 ng

RT: 21.25 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BM004102.D

Acq: 22 Jan 2016 09:52

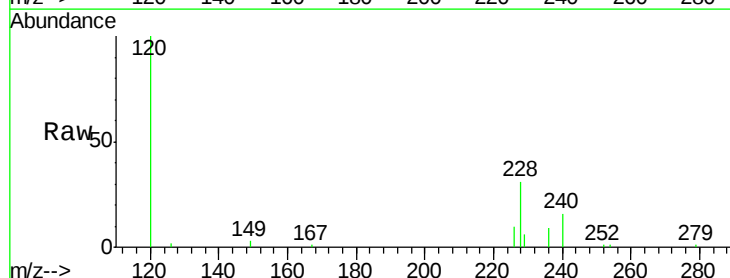
Tgt Ion:228 Resp: 5639

Ion Ratio Lower Upper

228 100

226 31.3 17.2 25.8#

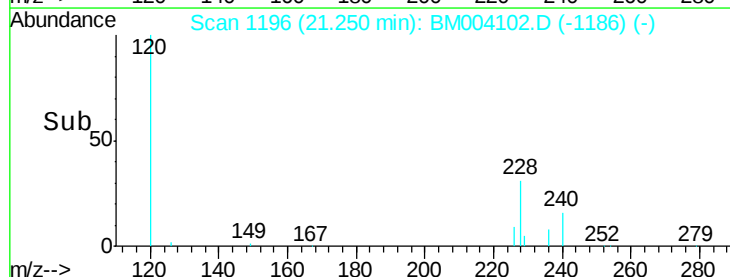
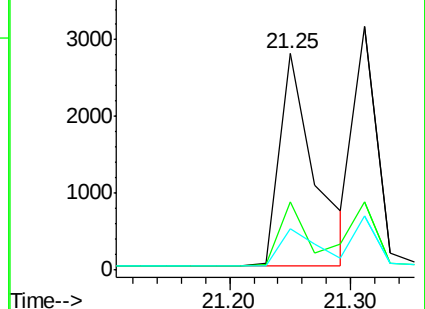
229 18.9 18.7 28.1

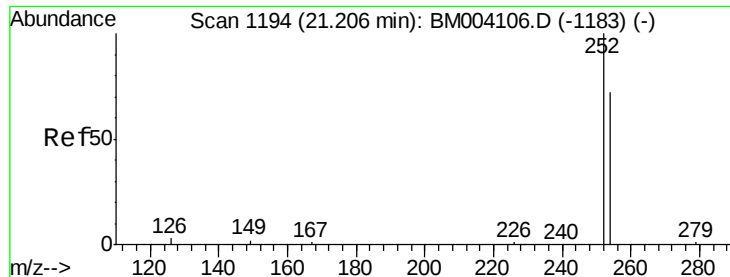


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

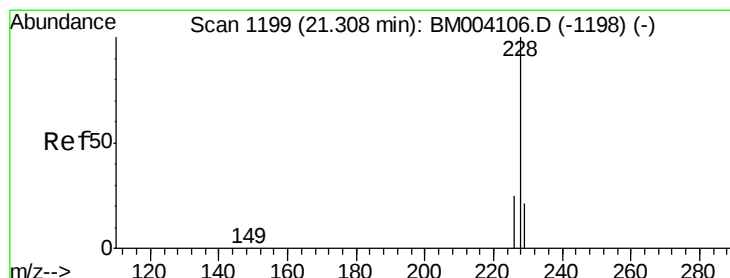
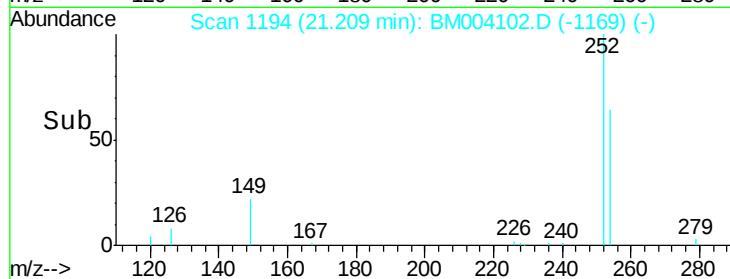
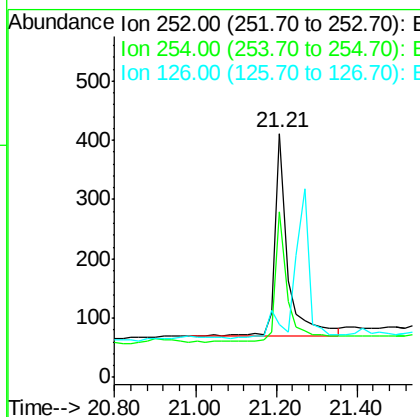
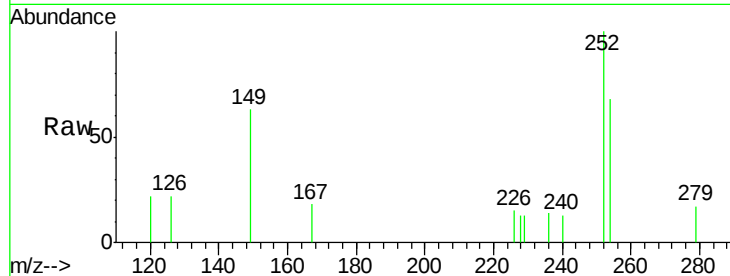




#31
 3,3'-Dichlorobenzidine
 Concen: 0.06 ng
 RT: 21.21 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BM004102.D
 Acq: 22 Jan 2016 09:52

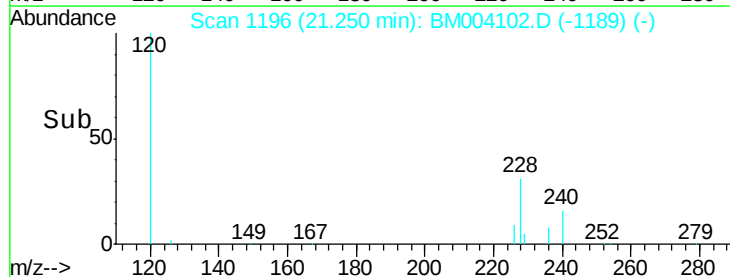
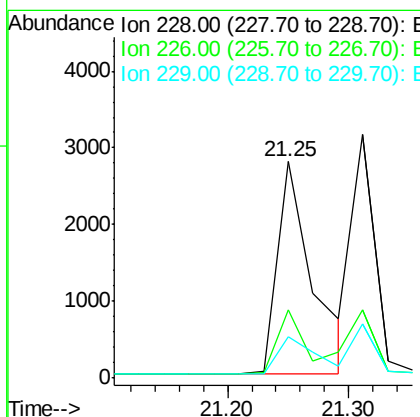
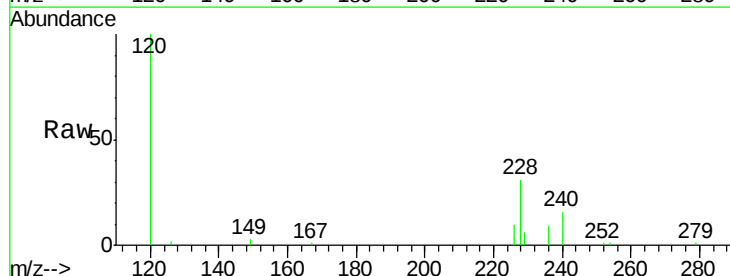
Instrument :
 BNA_M
 ClientSampled :

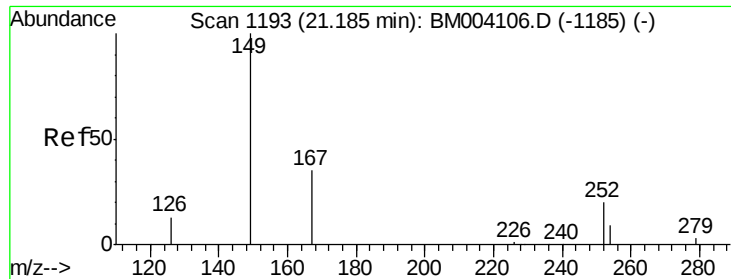
Tot Ion:252 Resp: 780
 Ion Ratio Lower Upper
 252 100
 254 68.1 52.6 79.0
 126 21.9 3.7 5.5#



#32
 Chrysene
 Concen: 0.11 ng
 RT: 21.25 min Scan# 1196
 Delta R.T. -0.06 min
 Lab File: BM004102.D
 Acq: 22 Jan 2016 09:52

Tgt Ion:228 Resp: 5639
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.3 37.9
 229 18.9 14.5 21.7

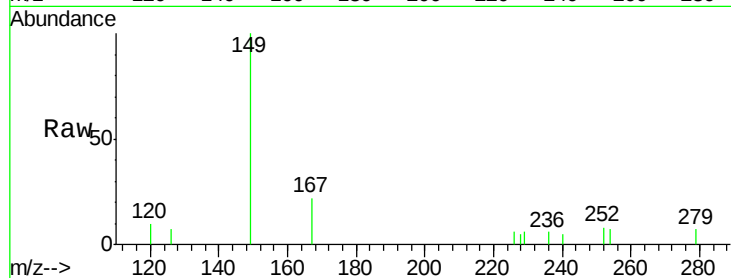




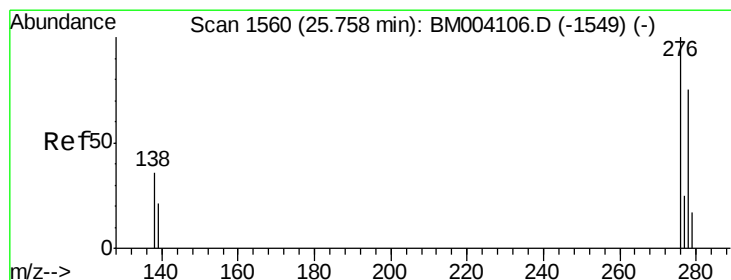
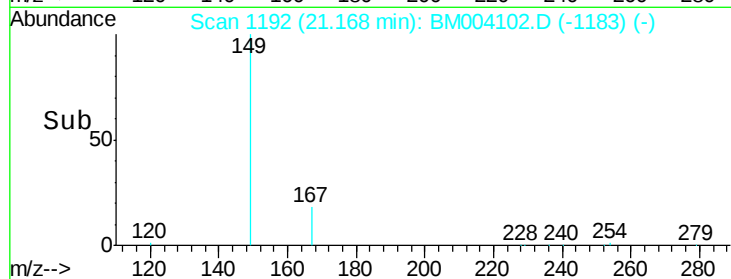
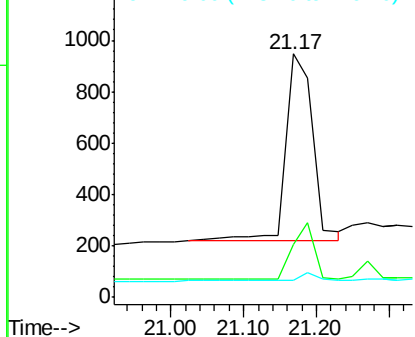
#33
 Bis(2-ethylhexyl)phthalate
 Concen: 0.09 ng
 RT: 21.17 min Scan# 1192
 Delta R.T. -0.02 min
 Lab File: BM004102.D
 Acq: 22 Jan 2016 09:52

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:149 Resp: 1897
 Ion Ratio Lower Upper
 149 100
 167 0.0 20.1 30.1#
 279 0.0 1.8 2.6#

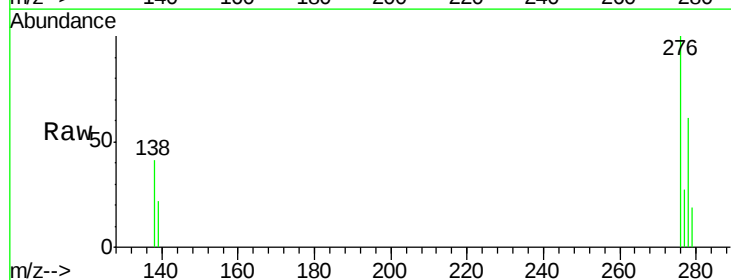


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

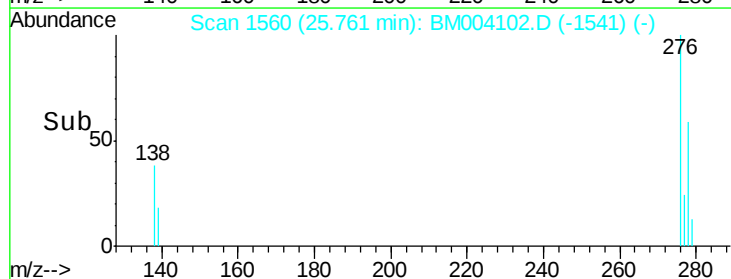
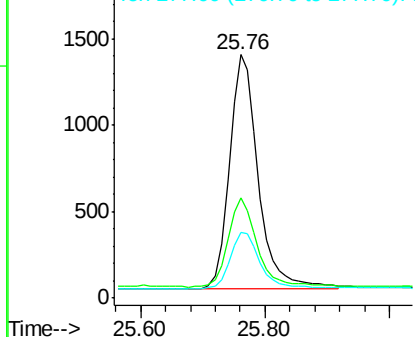


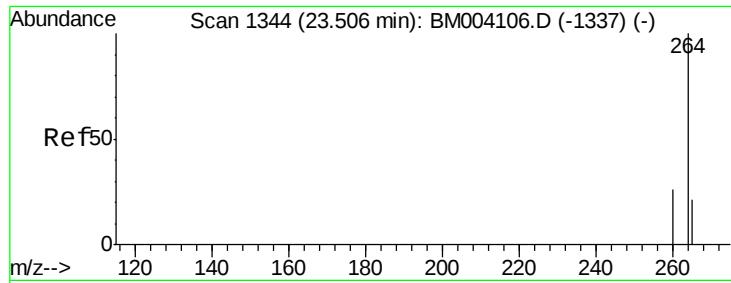
#34
 Indeno(1,2,3-cd)pyrene
 Concen: 0.12 ng
 RT: 25.76 min Scan# 1560
 Delta R.T. 0.00 min
 Lab File: BM004102.D
 Acq: 22 Jan 2016 09:52

Tgt Ion:276 Resp: 4398
 Ion Ratio Lower Upper
 276 100
 138 38.2 30.2 45.2
 277 24.4 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

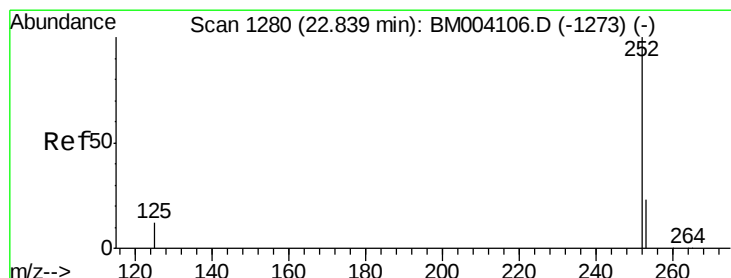
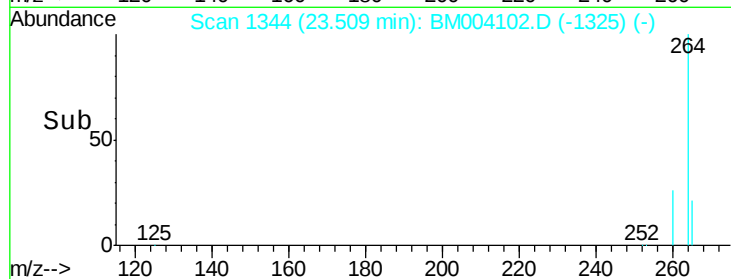
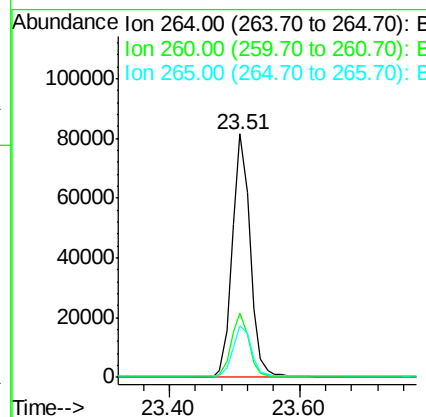
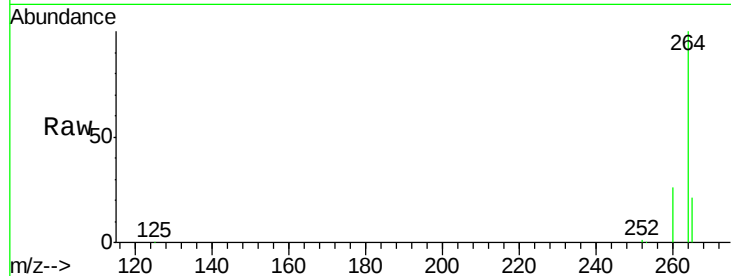




#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.51 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: BM004102.D
 Acq: 22 Jan 2016 09:52

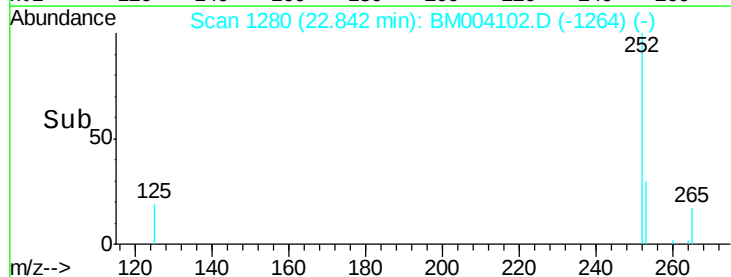
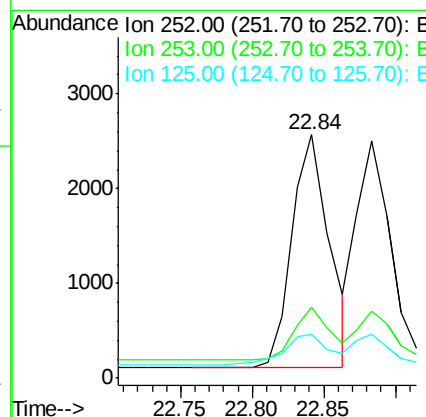
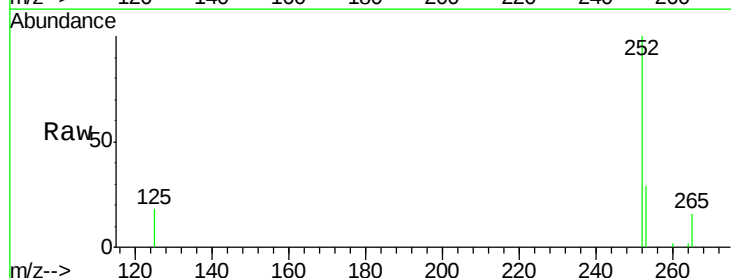
Instrument :
 BNA_M
 ClientSampleId :

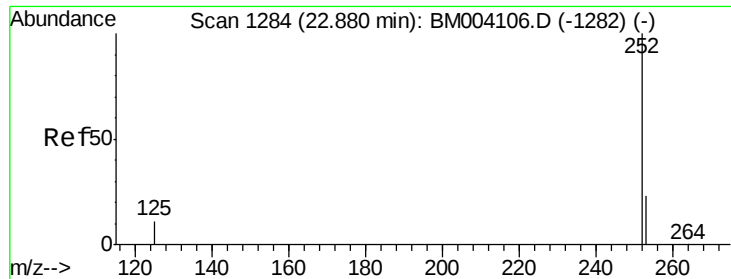
Tot Ion:264 Resp: 154839
 Ion Ratio Lower Upper
 264 100
 260 26.2 21.2 31.8
 265 21.2 16.7 25.1



#36
 Benzo(b)fluoranthene
 Concen: 0.10 ng
 RT: 22.84 min Scan# 1280
 Delta R.T. 0.00 min
 Lab File: BM004102.D
 Acq: 22 Jan 2016 09:52

Tgt Ion:252 Resp: 4505
 Ion Ratio Lower Upper
 252 100
 253 28.9 18.8 28.2#
 125 18.1 10.2 15.4#

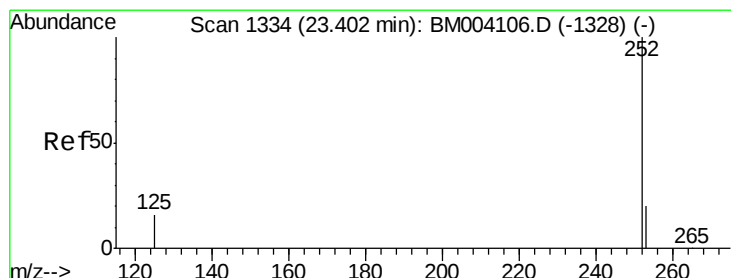
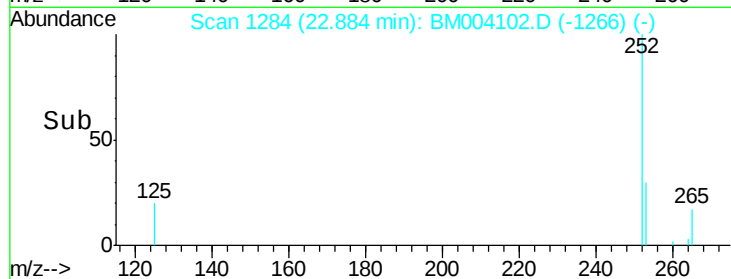
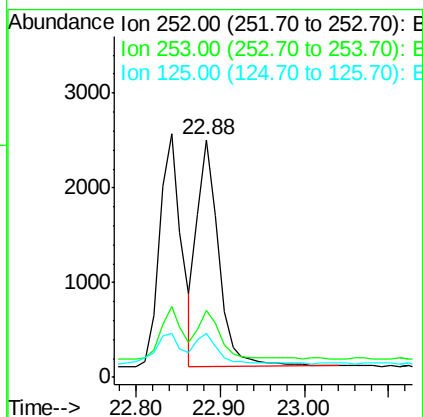
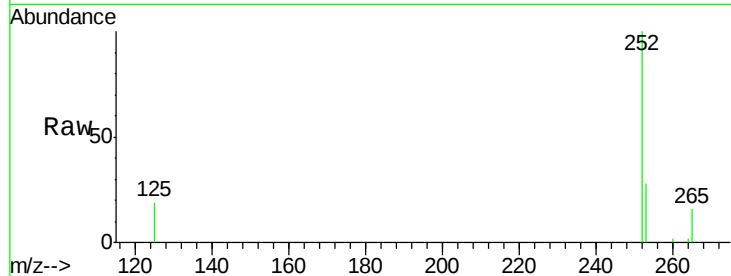




#37
Benzo(k)fluoranthene
Concen: 0.09 ng
RT: 22.88 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BM004102.D
Acq: 22 Jan 2016 09:52

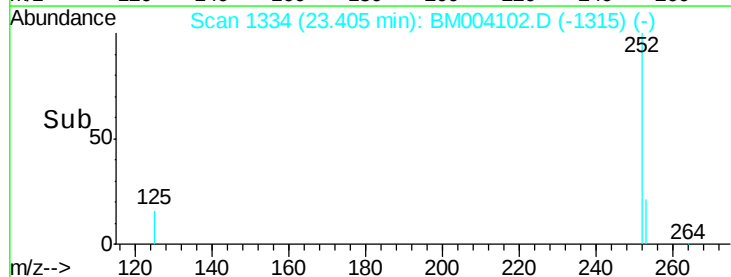
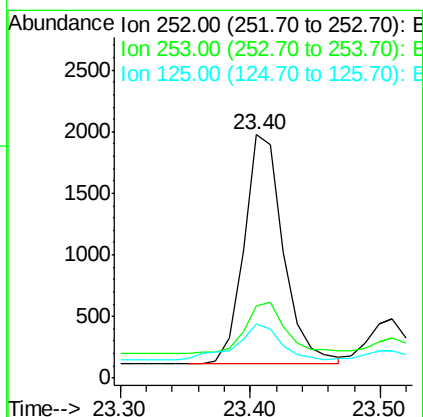
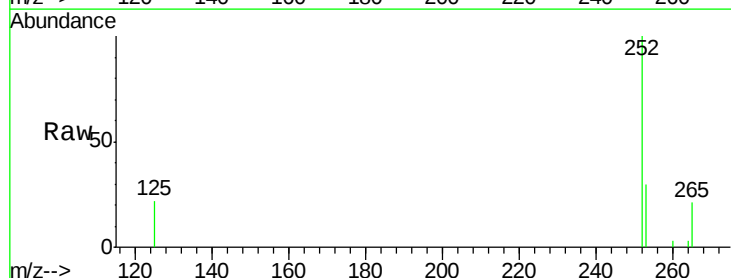
Instrument :
BNA_M
ClientSampleId :

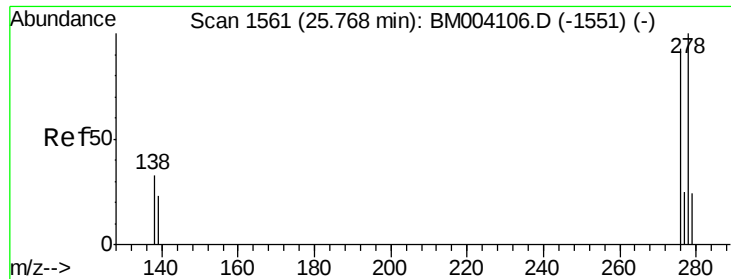
Tot Ion:252 Resp: 4205
Ion Ratio Lower Upper
252 100
253 28.4 18.3 27.5#
125 18.7 10.6 15.8#



#38
Benzo(a)pyrene
Concen: 0.10 ng
RT: 23.40 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BM004102.D
Acq: 22 Jan 2016 09:52

Tgt Ion:252 Resp: 3940
Ion Ratio Lower Upper
252 100
253 29.7 18.7 28.1#
125 22.2 11.8 17.8#





#39

Dibenzo(a,h)anthracene

Concen: 0.10 ng

RT: 25.77 min Scan# 1561

Delta R.T. 0.00 min

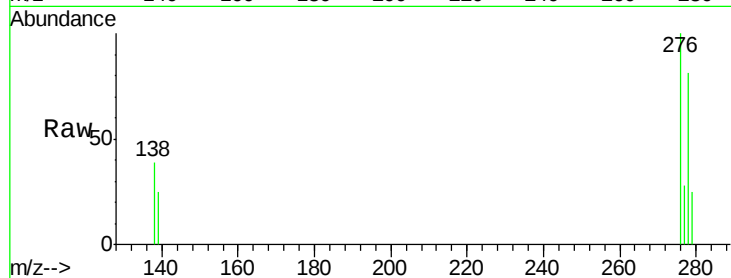
Lab File: BM004102.D

Acq: 22 Jan 2016 09:52

Instrument :

BNA_M

ClientSampleId :



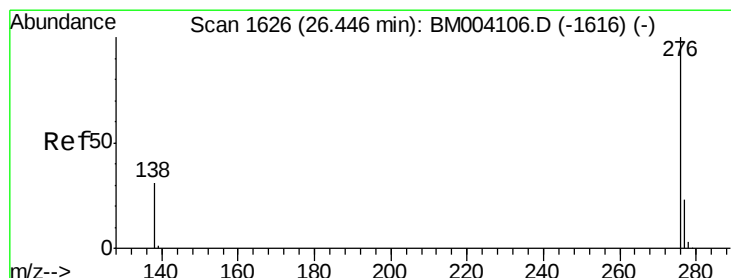
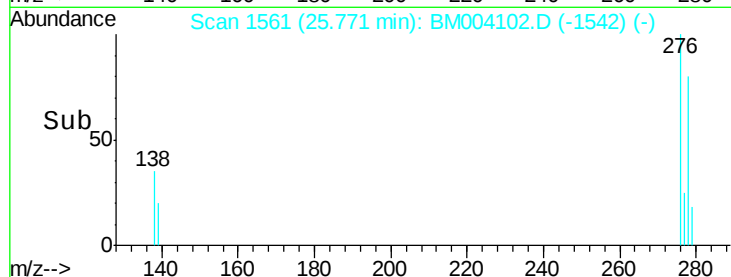
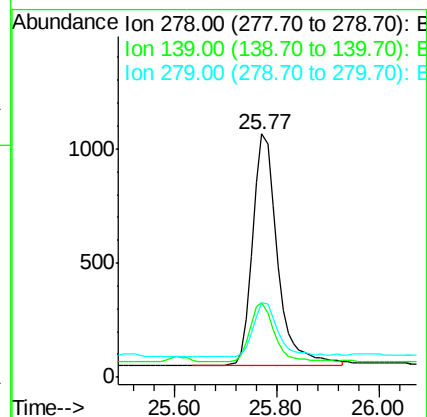
Tot Ion:278 Resp: 3427

Ion Ratio Lower Upper

278 100

139 30.7 19.0 28.6#

279 30.6 19.6 29.4#



#40

Benzo(g,h,i)perylene

Concen: 0.11 ng

RT: 26.45 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BM004102.D

Acq: 22 Jan 2016 09:52

Tgt Ion:276 Resp: 3963

Ion Ratio Lower Upper

276 100

277 27.3 19.1 28.7

138 37.5 25.0 37.4#

