

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101515\
 Data File : BM002916.D
 Acq On : 15 Oct 2015 16:18
 Operator : UM/IZ
 Sample : PB86101BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB86101BL

Quant Time: Oct 16 06:46:18 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM101515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 15 16:21:18 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	78710	5.00	ng	0.00
7) Naphthalene-d8	11.51	136	319088	5.00	ng	0.00
13) Acenaphthene-d10	15.23	164	168925	5.00	ng	0.00
19) Phenanthrene-d10	17.95	188	442455	5.00	ng	0.00
26) Chrysene-d12	22.05	240	396057	5.00	ng	0.01
35) Perylene-d12	24.61	264	389542	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	6.12	112	120845	8.21	ng	-0.05
5) Phenol-d6	7.77	99	151686	8.08	ng	-0.03
8) Nitrobenzene-d5	9.86	82	57491	3.76	ng	-0.03
14) 2,4,6-Tribromophenol	16.71	330	43889	6.66	ng	0.00
15) 2-Fluorobiphenyl	13.88	172	222514	4.11	ng	0.00
29) Terphenyl-d14	20.48	244	230991	3.90	ng	0.00

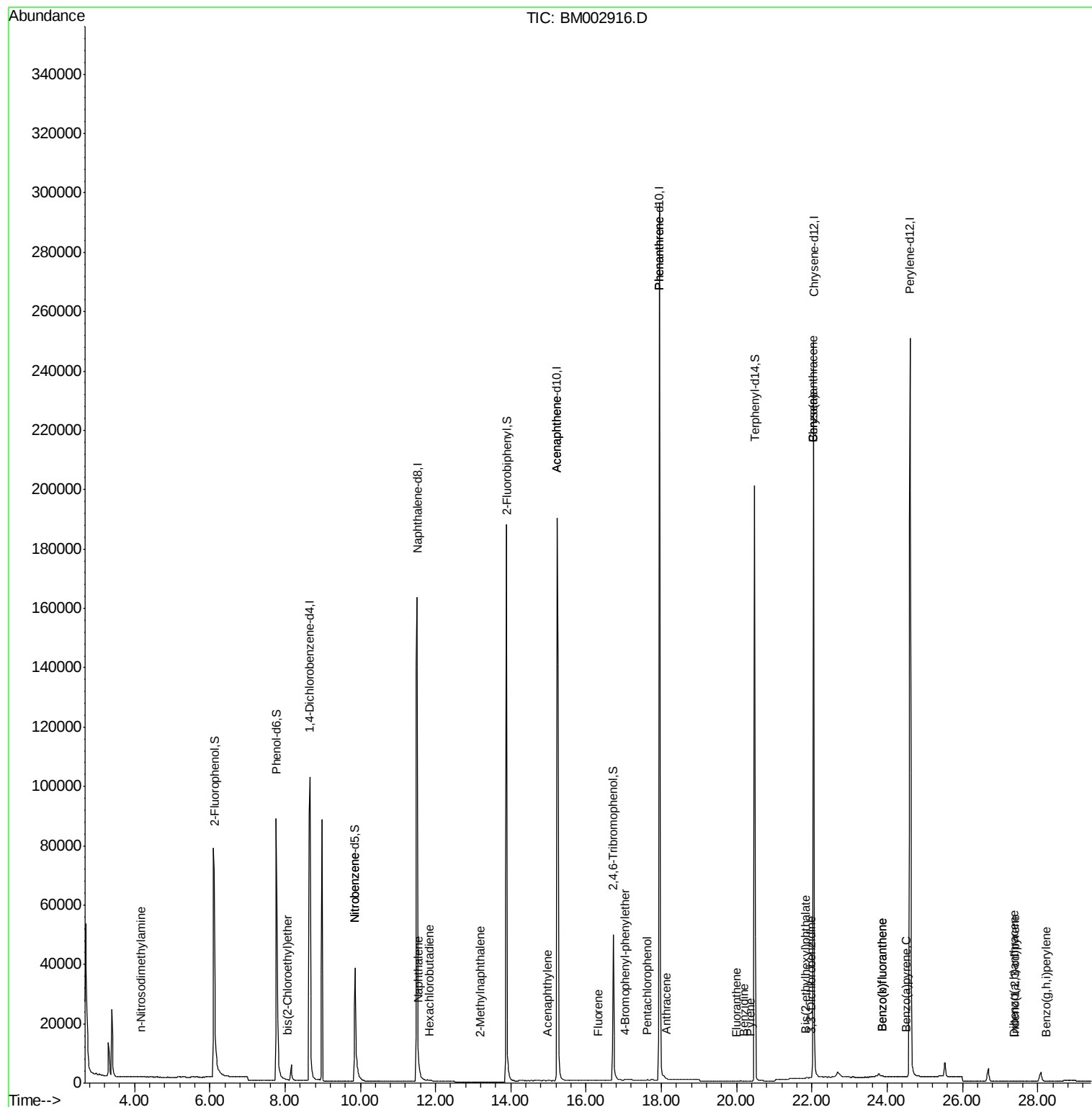
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	4.17	42	66	0.01	ng	# 1
6) bis(2-Chloroethyl)ether	8.06	93	6	0.00	ng	# 25
9) Nitrobenzene	9.86	77	198	0.01	ng	# 24
10) Naphthalene	11.54	128	50	0.00	ng	# 1
11) Hexachlorobutadiene	11.83	225	5	0.00	ng	# 19
12) 2-Methylnaphthalene	13.18	142	36	0.00	ng	# 1
16) Acenaphthylene	14.98	152	8	0.00	ng	# 62
17) Acenaphthene	15.23	154	720	0.01	ng	# 100
18) Fluorene	16.31	166	29	0.00	ng	# 9
20) 4-Bromophenyl-phenylether	17.03	248	229	0.01	ng	# 1
21) Hexachlorobenzene	17.31	284	21	Below Cal		# 49
22) Pentachlorophenol	17.61	266	25	0.25	ng	# 79
23) Phenanthrene	17.95	178	276	0.00	ng	# 1
24) Anthracene	18.12	178	26	0.00	ng	# 61
25) Fluoranthene	20.00	202	74	0.00	ng	# 50
27) Benzidine	20.18	184	193	0.15	ng	# 1
28) Pyrene	20.36	202	85	0.00	ng	# 61
30) Benzo(a)anthracene	22.03	228	1383	0.01	ng	# 85
31) 3,3'-Dichlorobenzidine	21.97	252	182	0.00	ng	# 81
32) Chrysene	22.03	228	1313	0.01	ng	# 84
33) Bis(2-ethylhexyl)phthalate	21.85	149	530	0.31	ng	# 94
34) Indeno(1,2,3-cd)pyrene	27.40	276	188	0.00	ng	# 94
36) Benzo(b)fluoranthene	23.86	252	120	0.00	ng	# 1
37) Benzo(k)fluoranthene	23.86	252	120	0.00	ng	# 1
38) Benzo(a)pyrene	24.50	252	108	0.00	ng	# 1
39) Dibenzo(a,h)anthracene	27.37	278	190	0.00	ng	# 1
40) Benzo(g,h,i)perylene	28.24	276	133	0.00	ng	# 1

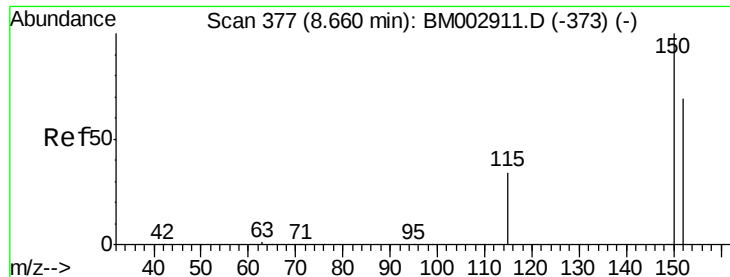
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.66 min Scan# 377

Delta R.T. 0.00 min

Lab File: BM002916.D

Acq: 15 Oct 2015 16:18

Instrument :

BNA_M

ClientSampleId :

PB86101BL

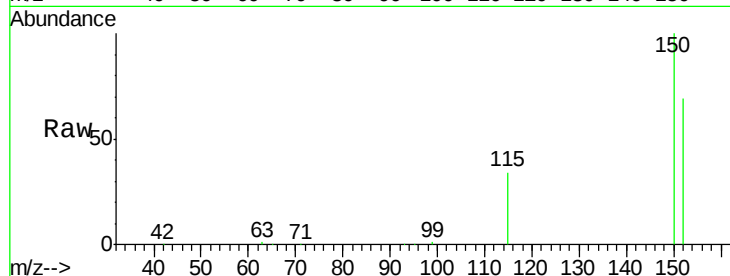
Tot Ion:152 Resp: 78710

Ion Ratio Lower Upper

152 100

150 144.1 113.0 169.6

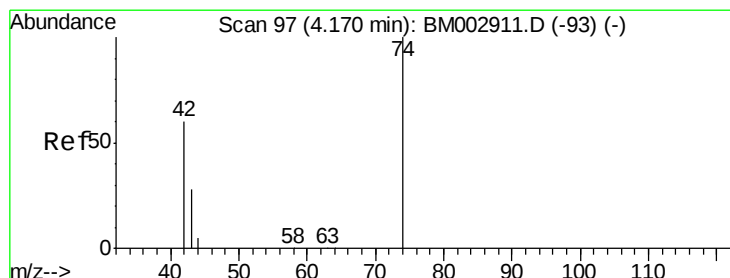
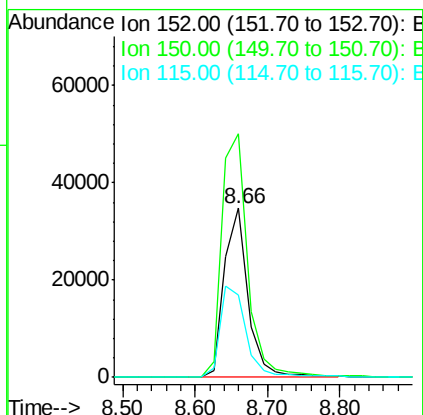
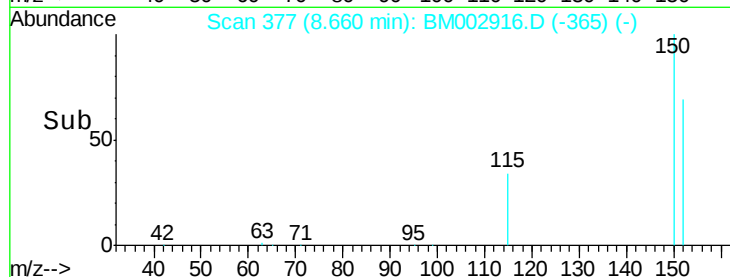
115 48.8 37.9 56.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#3

n-Nitrosodimethylamine

Concen: 0.01 ng

RT: 4.17 min Scan# 97

Delta R.T. -0.02 min

Lab File: BM002916.D

Acq: 15 Oct 2015 16:18

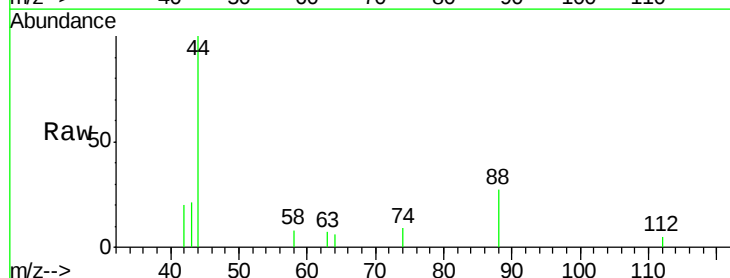
Tgt Ion: 42 Resp: 66

Ion Ratio Lower Upper

42 100

74 0.0 119.7 179.5#

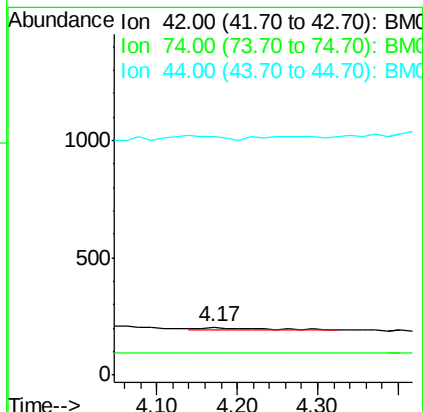
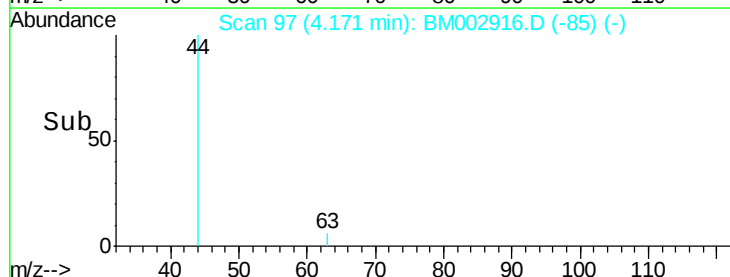
44 0.0 9.8 14.6#

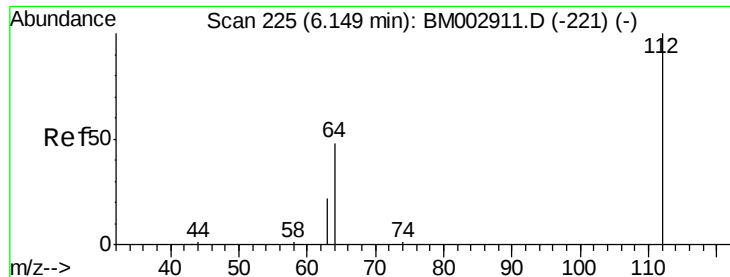


Abundance Ion 42.00 (41.70 to 42.70): BM0

Ion 74.00 (73.70 to 74.70): BM0

Ion 44.00 (43.70 to 44.70): BM0





#4

2-Fluorophenol

Concen: 8.21 ng

RT: 6.12 min Scan# 223

Delta R.T. -0.05 min

Lab File: BM002916.D

Acq: 15 Oct 2015 16:18

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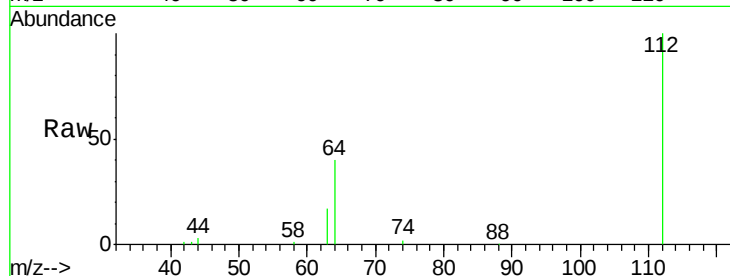
Tot Ion:112 Resp: 120845

Ion Ratio Lower Upper

112 100

64 51.5 42.0 63.0

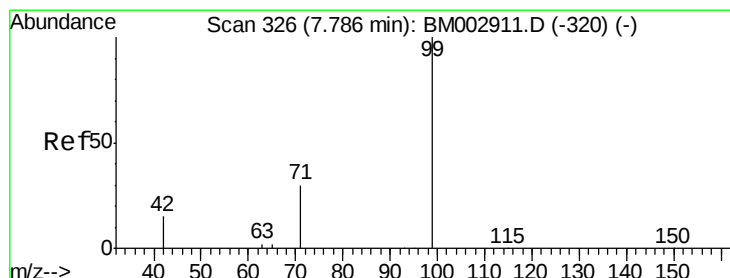
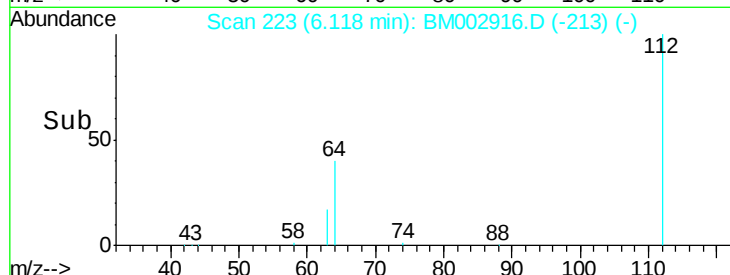
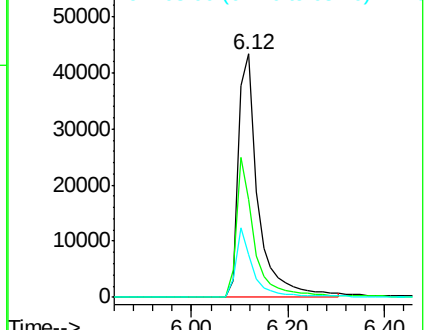
63 24.5 20.0 30.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#5

Phenol-d6

Concen: 8.08 ng

RT: 7.77 min Scan# 325

Delta R.T. -0.03 min

Lab File: BM002916.D

Acq: 15 Oct 2015 16:18

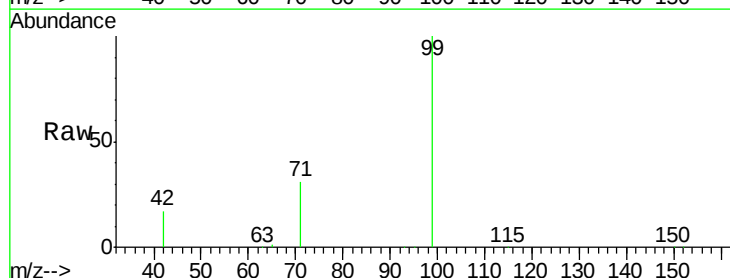
Tgt Ion: 99 Resp: 151686

Ion Ratio Lower Upper

99 100

42 15.0 12.4 18.6

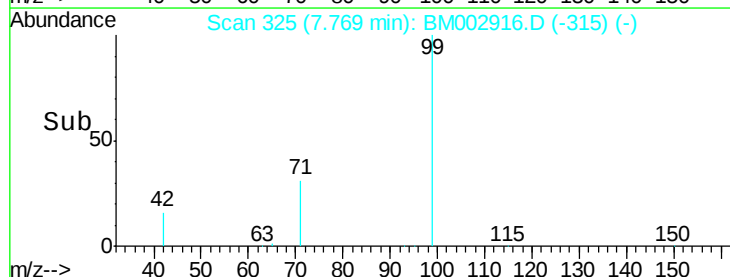
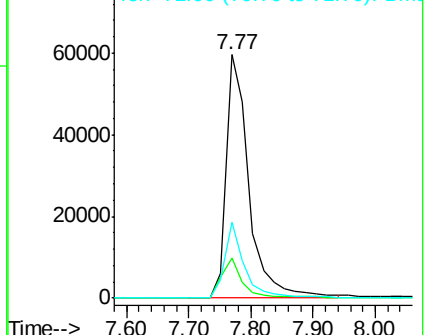
71 26.8 21.4 32.0

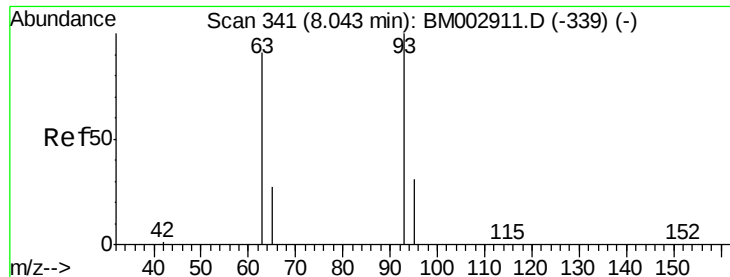


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#6

bis(2-Chloroethyl)ether

Concen: 0.00 ng

RT: 8.06 min Scan# 342

Delta R.T. 0.00 min

Lab File: BM002916.D

Acq: 15 Oct 2015 16:18

Instrument :

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PB86101BL

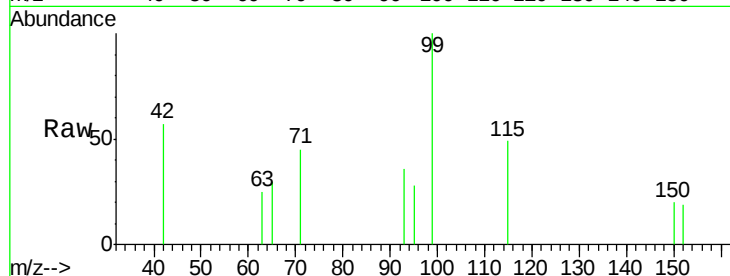
Tot Ion: 93 Resp: 6

Ion Ratio Lower Upper

93 100

63 0.0 52.9 79.3#

95 0.0 25.2 37.8#



Abundance Ion 93.00 (92.70 to 93.70): BM002911.D (-339) (-)

Ion 63.00 (62.70 to 63.70): BM002911.D (-339) (-)

Ion 95.00 (94.70 to 95.70): BM002911.D (-339) (-)

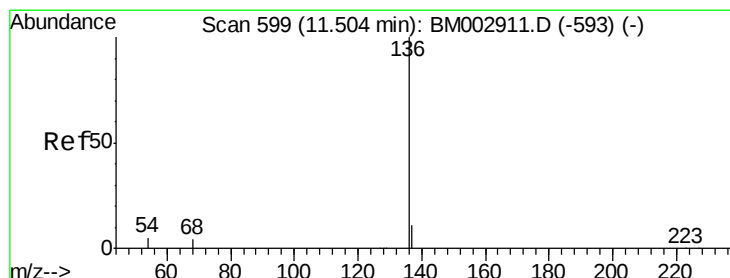
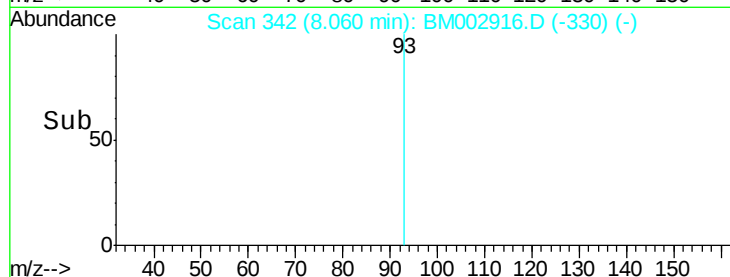
8.06

100

50

0

Time--> 8.02 8.04 8.06 8.08 8.10



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 11.51 min Scan# 600

Delta R.T. 0.00 min

Lab File: BM002916.D

Acq: 15 Oct 2015 16:18

Tgt Ion: 136 Resp: 319088

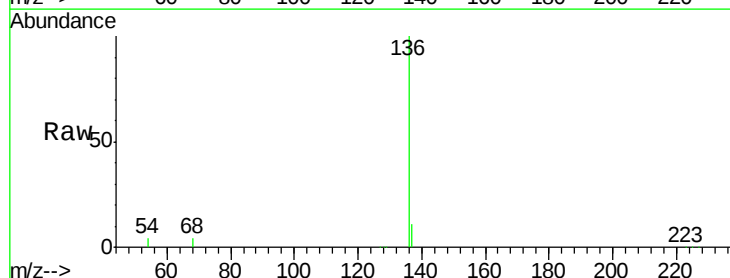
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 4.5 3.5 5.3

68 4.2 3.3 4.9



Abundance Ion 136.00 (135.70 to 136.70): BM002911.D (-593) (-)

Ion 137.00 (136.70 to 137.70): BM002911.D (-593) (-)

Ion 54.00 (53.70 to 54.70): BM002911.D (-593) (-)

Ion 68.00 (67.70 to 68.70): BM002911.D (-593) (-)

11.51

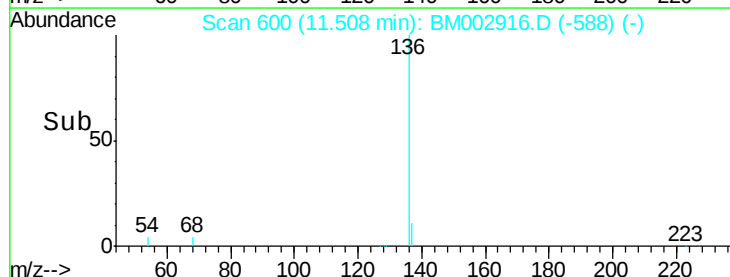
150000

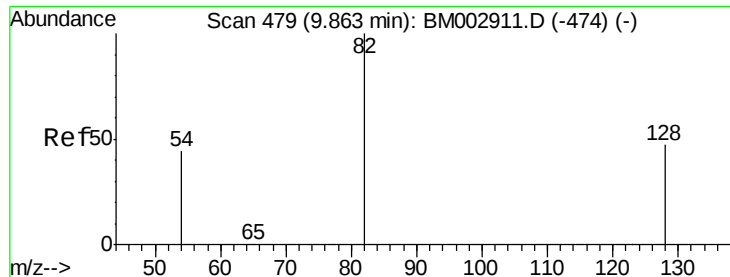
100000

50000

0

Time--> 11.40 11.50 11.60





#8

Nitrobenzene-d5

Concen: 3.76 ng

RT: 9.86 min Scan# 479

Delta R.T. -0.03 min

Lab File: BM002916.D

Acq: 15 Oct 2015 16:18

Instrument :

BNA_M

ClientSampleId :

PB86101BL

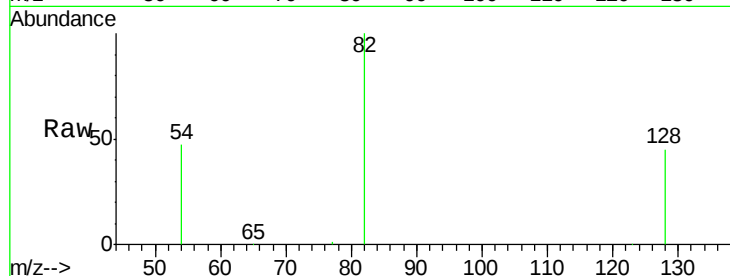
Tot Ion: 82 Resp: 57491

Ion Ratio Lower Upper

82 100

128 45.0 34.1 51.1

54 47.3 42.6 63.8

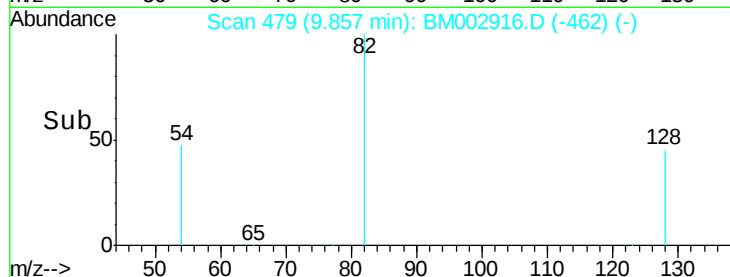


Abundance Ion 82.00 (81.70 to 82.70): BM002911.D (-474) (-)

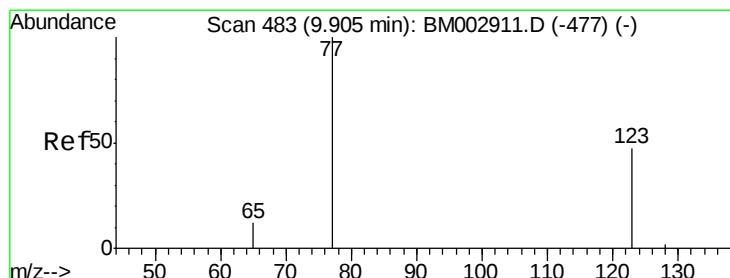
Ion 128.00 (127.70 to 128.70): BM002911.D (-474) (-)

Ion 54.00 (53.70 to 54.70): BM002911.D (-474) (-)

Time-->



Time-->



#9

Nitrobenzene

Concen: 0.01 ng

RT: 9.86 min Scan# 479

Delta R.T. -0.07 min

Lab File: BM002916.D

Acq: 15 Oct 2015 16:18

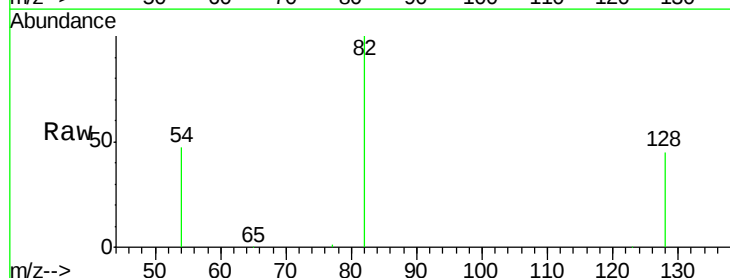
Tgt Ion: 77 Resp: 198

Ion Ratio Lower Upper

77 100

123 0.0 41.0 61.4#

65 44.9 9.7 14.5#

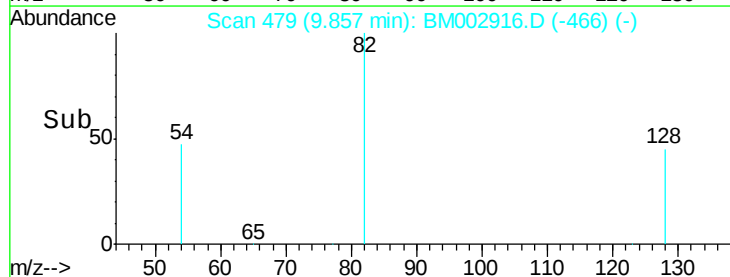


Abundance Ion 77.00 (76.70 to 77.70): BM002911.D (-477) (-)

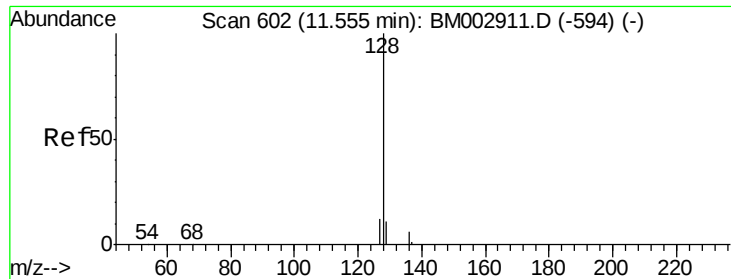
Ion 123.00 (122.70 to 123.70): BM002911.D (-477) (-)

Ion 65.00 (64.70 to 65.70): BM002911.D (-477) (-)

Time-->



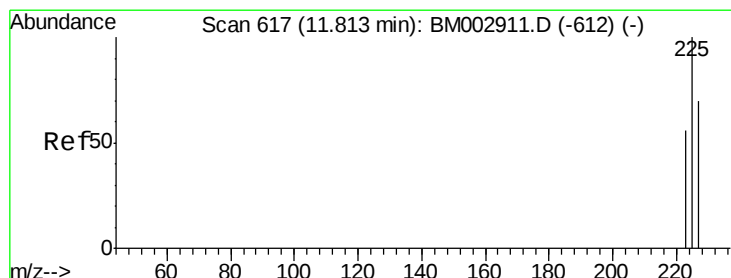
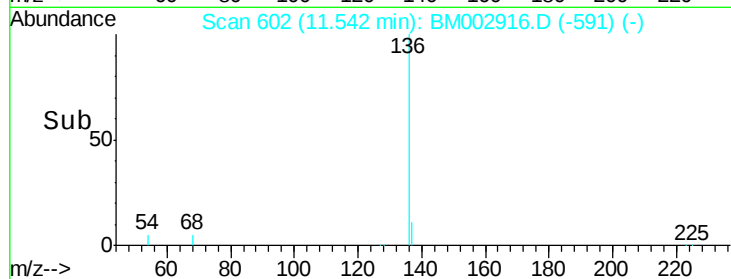
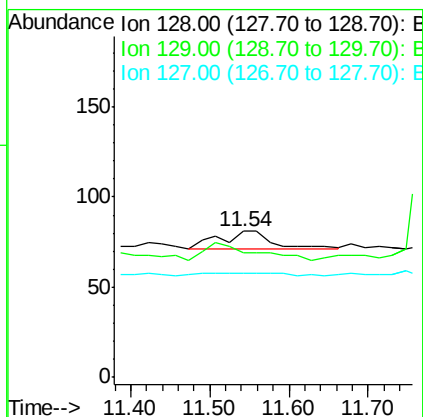
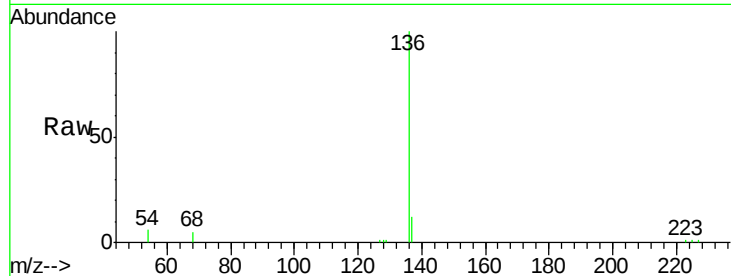
Time-->



#10
Naphthalene
Concen: 0.00 ng
RT: 11.54 min Scan# 602
Delta R.T. -0.01 min
Lab File: BM002916.D
Acq: 15 Oct 2015 16:18

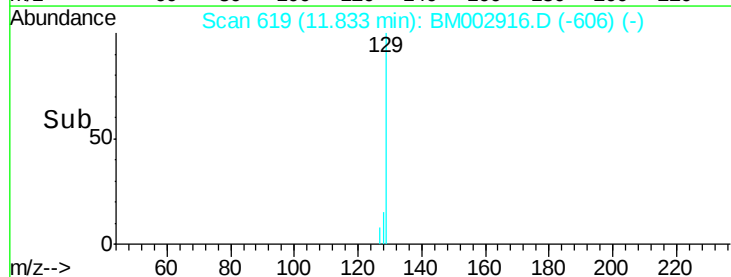
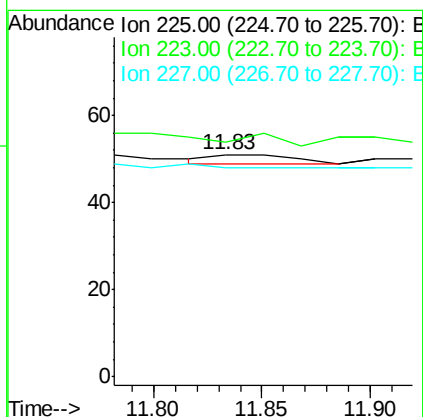
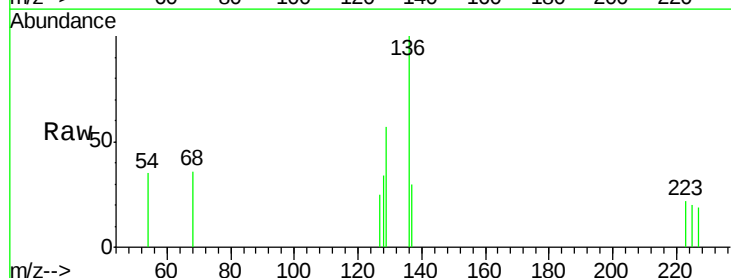
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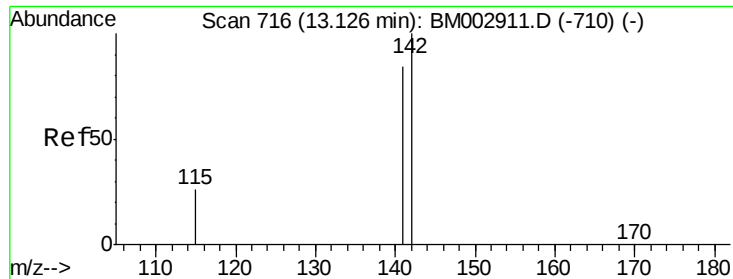
Tot Ion:128 Resp: 50
Ion Ratio Lower Upper
128 100
129 85.2 9.4 14.2#
127 71.6 9.6 14.4#



#11
Hexachlorobutadiene
Concen: 0.00 ng
RT: 11.83 min Scan# 619
Delta R.T. 0.02 min
Lab File: BM002916.D
Acq: 15 Oct 2015 16:18

Tgt Ion:225 Resp: 5
Ion Ratio Lower Upper
225 100
223 0.0 50.1 75.1#
227 0.0 51.2 76.8#

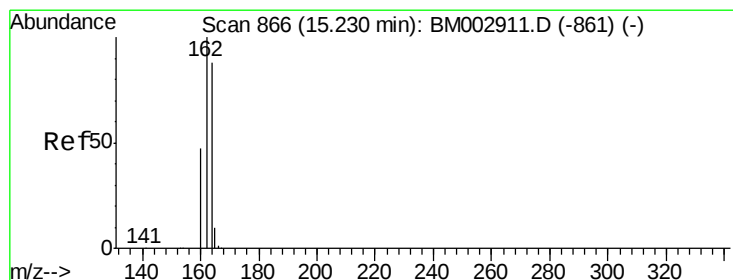
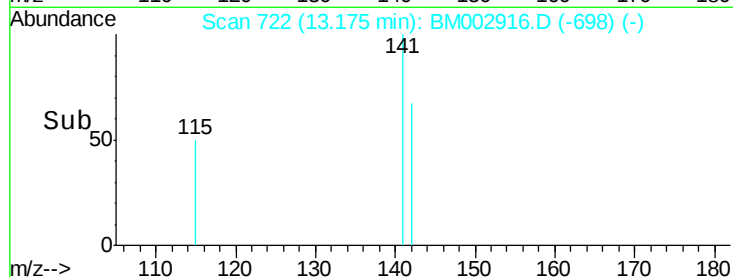
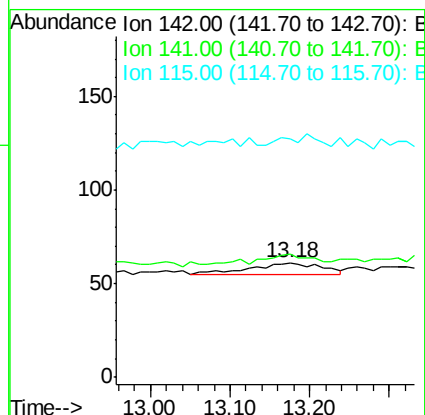
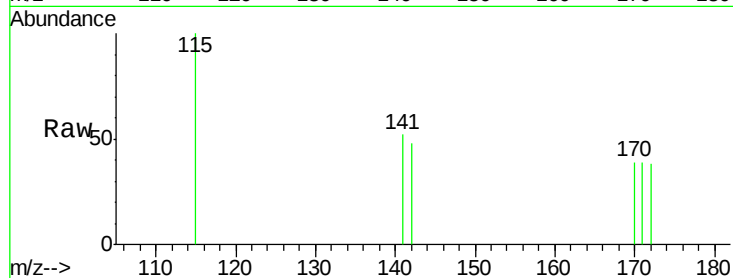




#12
2-Methylnaphthalene
Concen: 0.00 ng
RT: 13.18 min Scan# 722
Delta R.T. 0.05 min
Lab File: BM002916.D
Acq: 15 Oct 2015 16:18

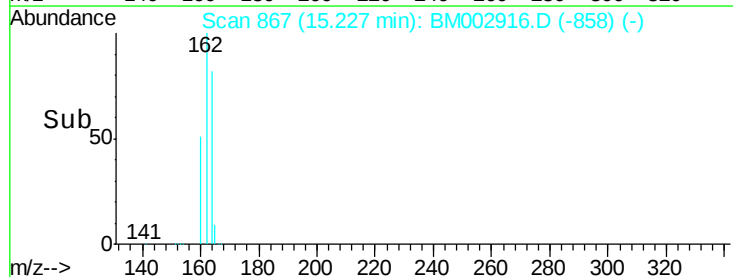
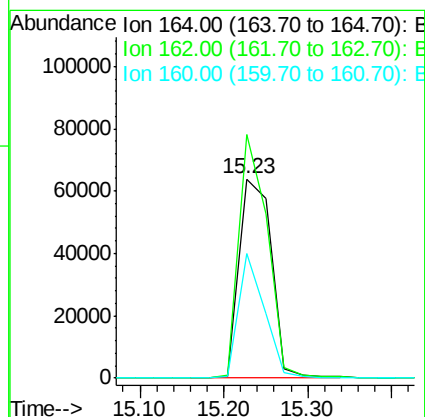
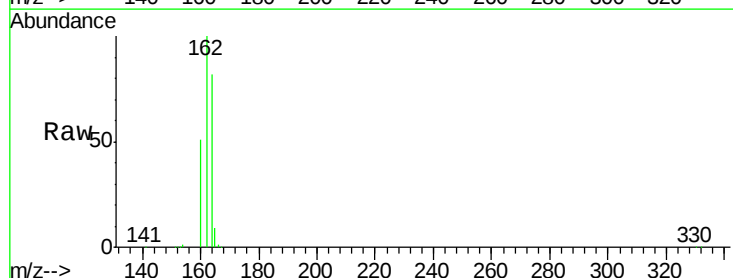
Instrument :
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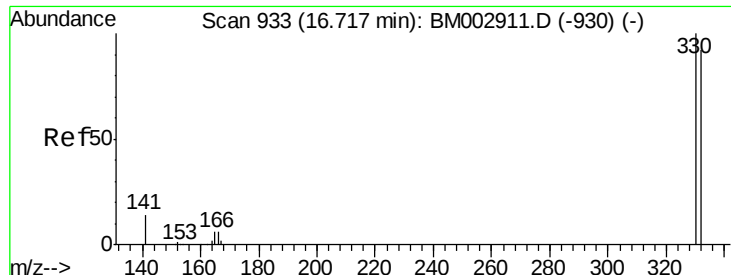
Tot Ion:142 Resp: 36
Ion Ratio Lower Upper
142 100
141 108.2 69.4 104.0#
115 208.2 22.7 34.1#



#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 15.23 min Scan# 867
Delta R.T. -0.00 min
Lab File: BM002916.D
Acq: 15 Oct 2015 16:18

Tgt Ion:164 Resp: 168925
Ion Ratio Lower Upper
164 100
162 122.1 79.6 119.4#
160 62.4 33.1 49.7#

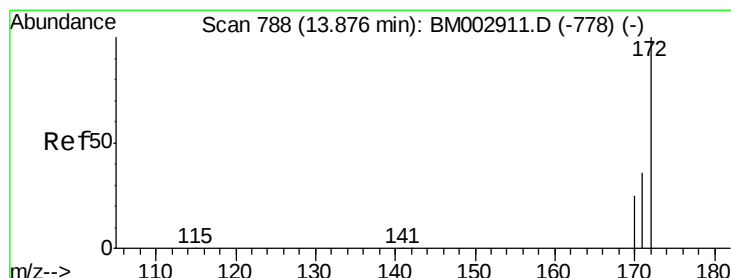
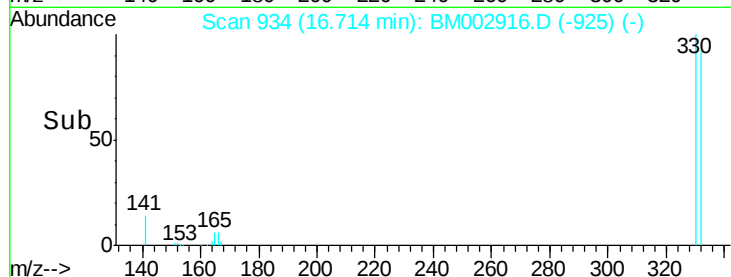
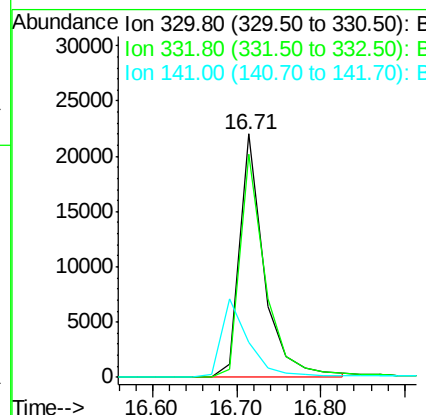
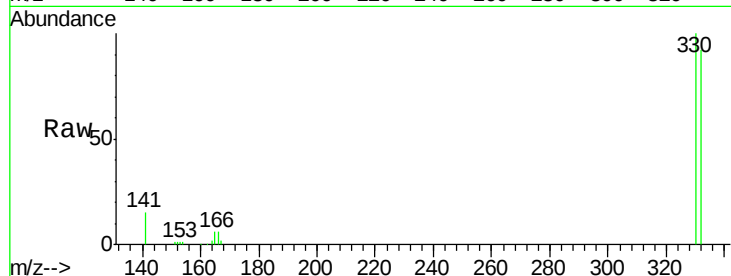




#14
 2,4,6-Tribromophenol
 Concen: 6.66 ng
 RT: 16.71 min Scan# 934
 Delta R.T. -0.00 min
 Lab File: BM002916.D
 Acq: 15 Oct 2015 16:18

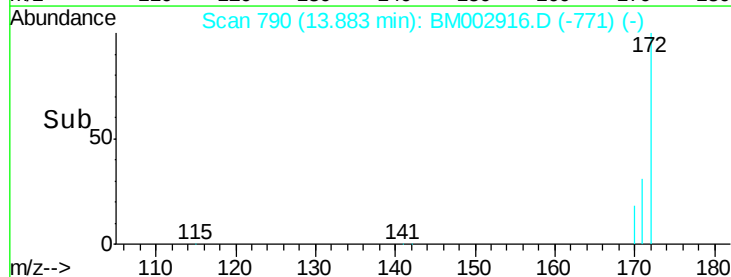
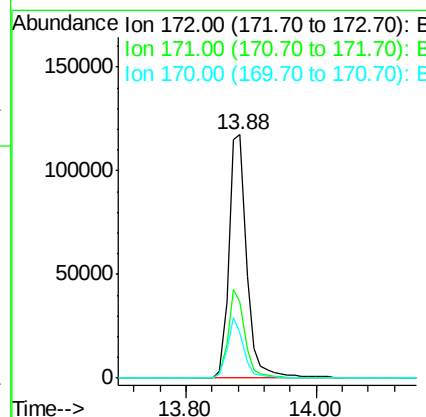
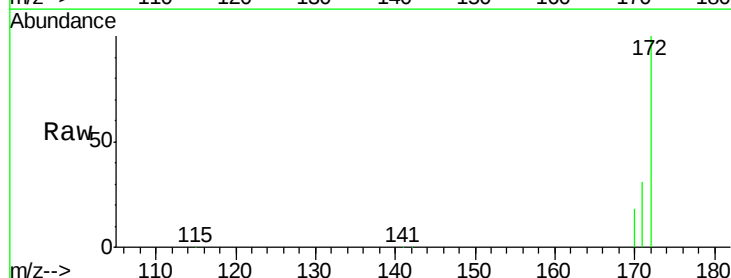
Instrument :
 BNA_M
 ClientSampleId :
 PB86101BL

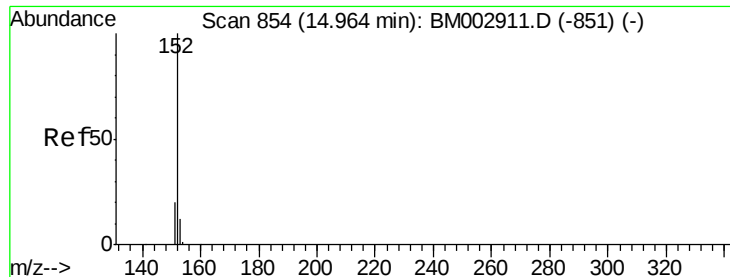
Tot Ion:330 Resp: 43889
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 115.0
 141 0.0 0.0 0.0



#15
 2-Fluorobiphenyl
 Concen: 4.11 ng
 RT: 13.88 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: BM002916.D
 Acq: 15 Oct 2015 16:18

Tgt Ion:172 Resp: 222514
 Ion Ratio Lower Upper
 172 100
 171 31.3 26.1 39.1
 170 18.4 15.7 23.5

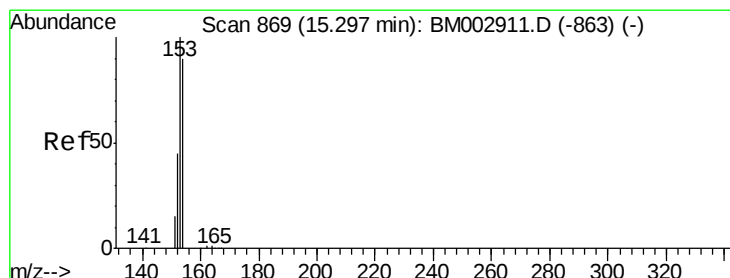
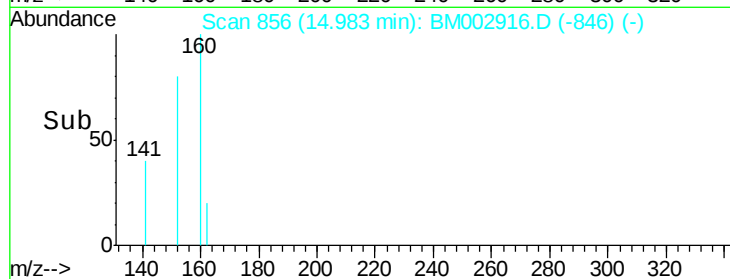
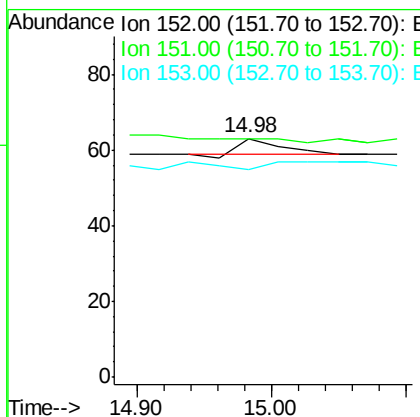
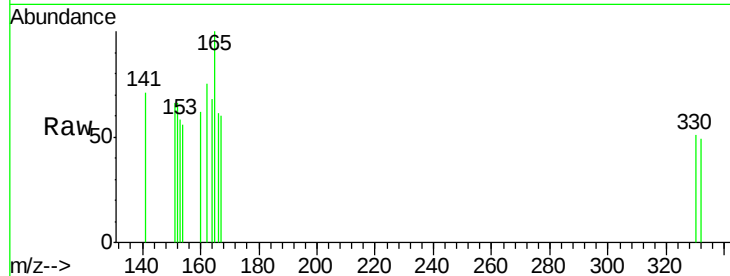




#16
Acenaphthylene
Concen: 0.00 ng
RT: 14.98 min Scan# 856
Delta R.T. 0.02 min
Lab File: BM002916.D
Acq: 15 Oct 2015 16:18

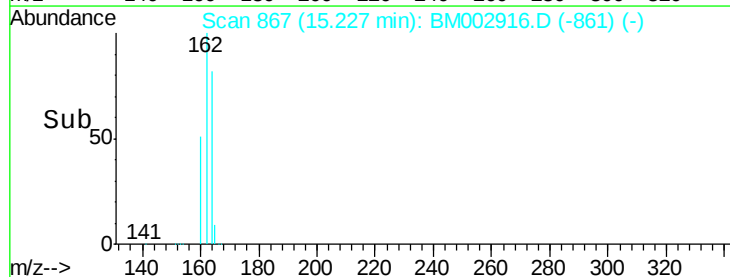
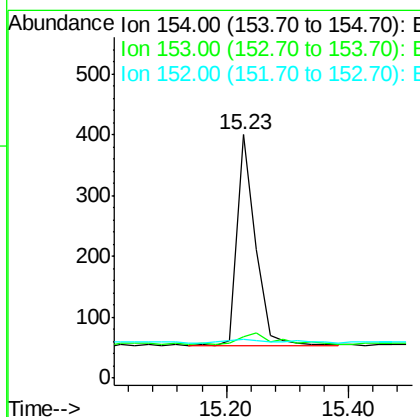
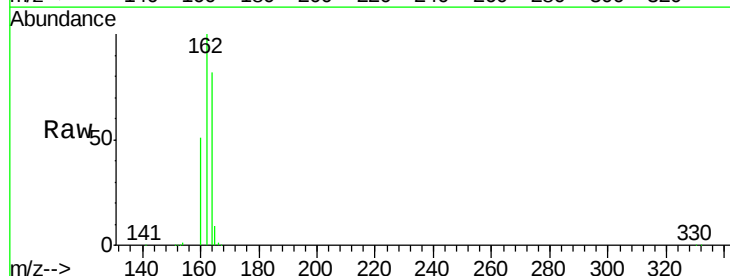
Instrument :
BNA_M
ClientSampleId :
PB86101BL

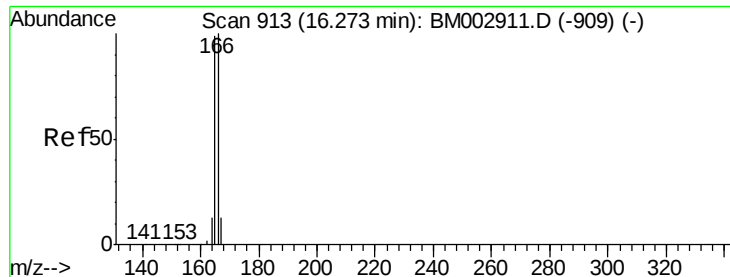
Tot Ion:152 Resp: 8
Ion Ratio Lower Upper
152 100
151 0.0 15.3 22.9#
153 0.0 10.5 15.7#



#17
Acenaphthene
Concen: 0.01 ng
RT: 15.23 min Scan# 867
Delta R.T. -0.07 min
Lab File: BM002916.D
Acq: 15 Oct 2015 16:18

Tgt Ion:154 Resp: 720
Ion Ratio Lower Upper
154 100
153 0.0 0.0 0.0
152 3.2 0.0 0.0#

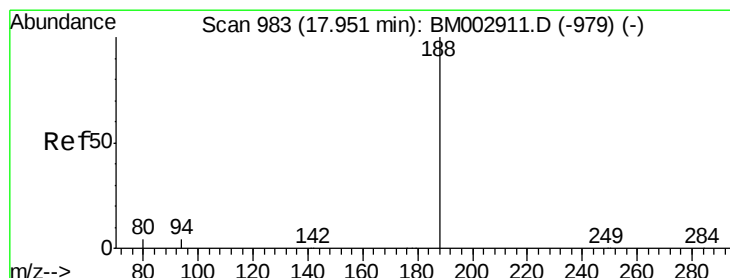
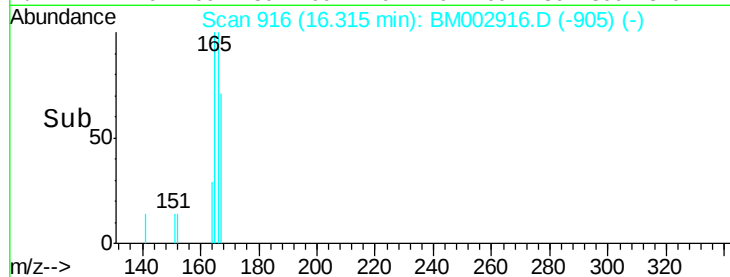
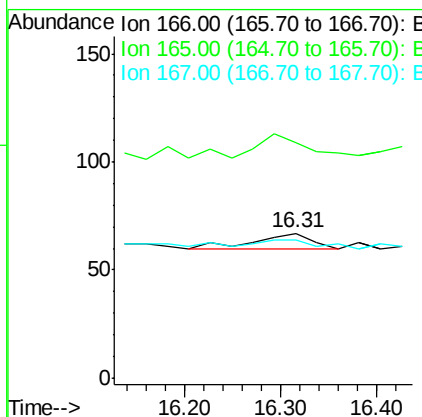
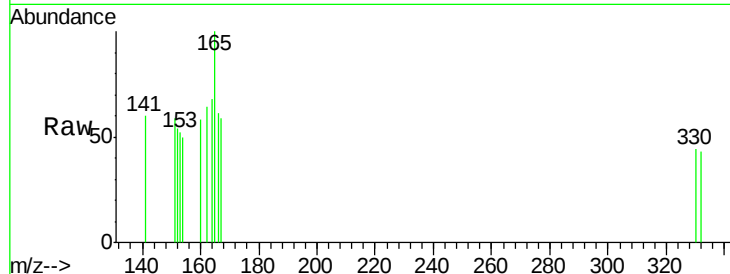




#18
 Fluorene
 Concen: 0.00 ng
 RT: 16.31 min Scan# 916
 Delta R.T. 0.04 min
 Lab File: BM002916.D
 Acq: 15 Oct 2015 16:18

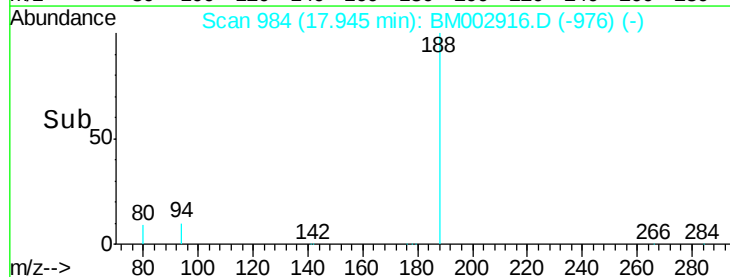
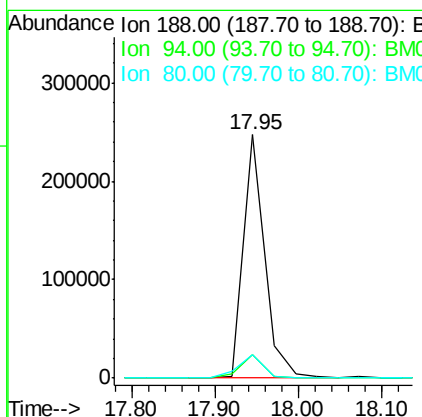
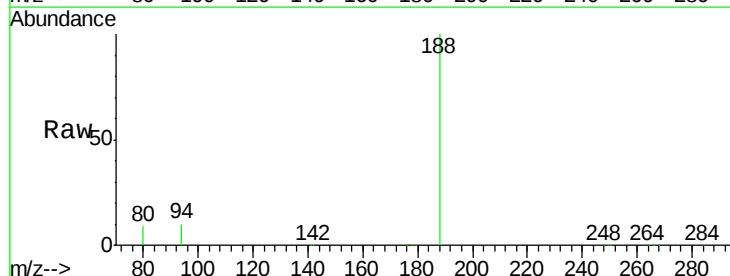
Instrument :
 BNA_M
 ClientSampleId :
 PB86101BL

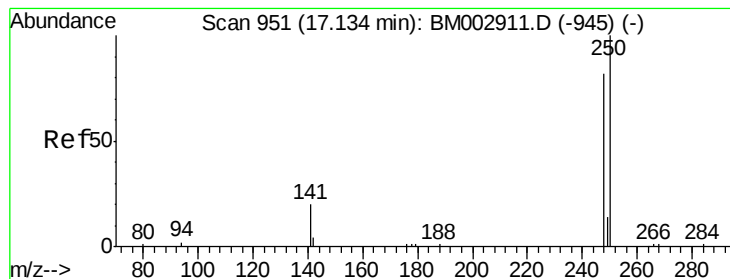
Tot Ion:166 Resp: 29
 Ion Ratio Lower Upper
 166 100
 165 0.0 77.3 115.9#
 167 0.0 10.9 16.3#



#19
 Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.95 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: BM002916.D
 Acq: 15 Oct 2015 16:18

Tgt Ion:188 Resp: 442455
 Ion Ratio Lower Upper
 188 100
 94 9.8 15.2 22.8#
 80 9.4 15.9 23.9#





#20

4-Bromophenyl-phenylether

Concen: 0.01 ng

RT: 17.03 min Scan# 948

Delta R.T. -0.11 min

Lab File: BM002916.D

Acq: 15 Oct 2015 16:18

Instrument :

BNA_M

ClientSampleId :

PB86101BL

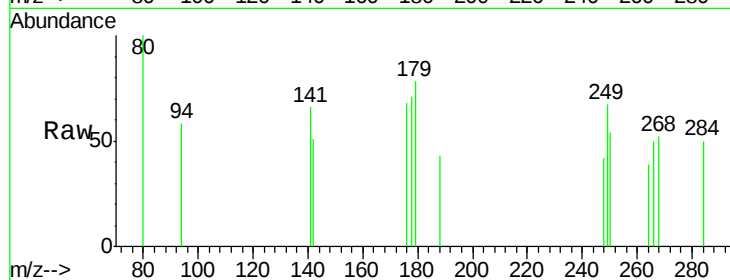
Tot Ion:248 Resp: 229

Ion Ratio Lower Upper

248 100

250 393.9 71.4 107.2#

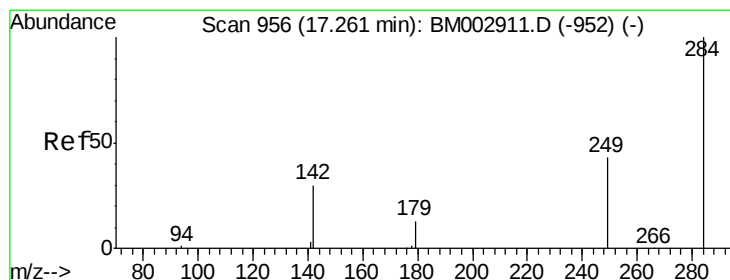
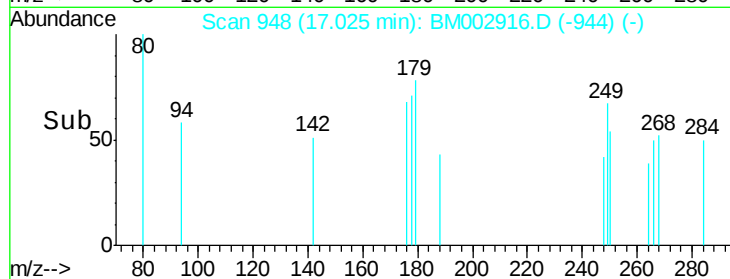
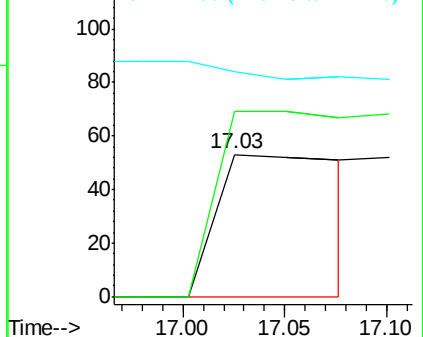
141 0.0 54.6 82.0#



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: Below Cal

RT: 17.31 min Scan# 959

Delta R.T. 0.05 min

Lab File: BM002916.D

Acq: 15 Oct 2015 16:18

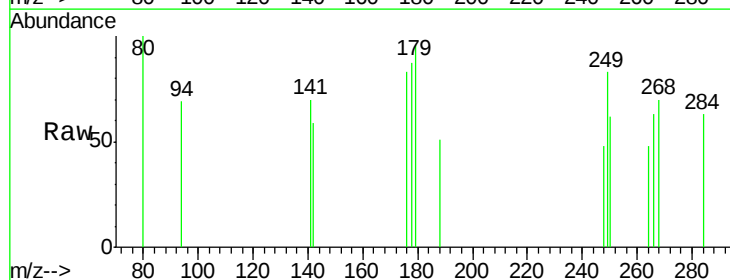
Tgt Ion:284 Resp: 21

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

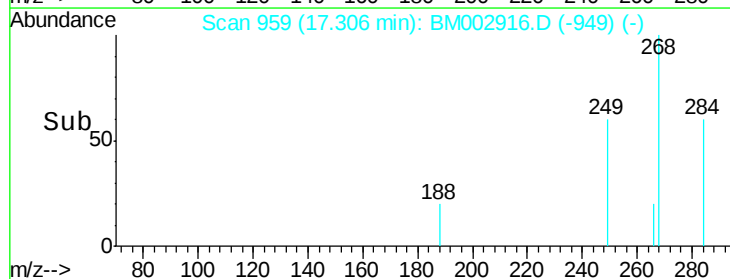
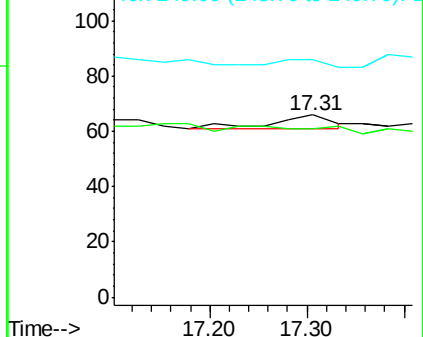
249 0.0 20.7 31.1#

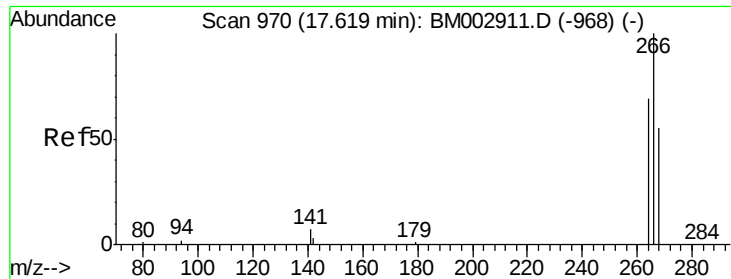


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#22

Pentachlorophenol

Concen: 0.25 ng

RT: 17.61 min Scan# 971

Delta R.T. -0.03 min

Lab File: BM002916.D

Acq: 15 Oct 2015 16:18

Instrument :

BNA_M

ClientSampleId :

PB86101BL

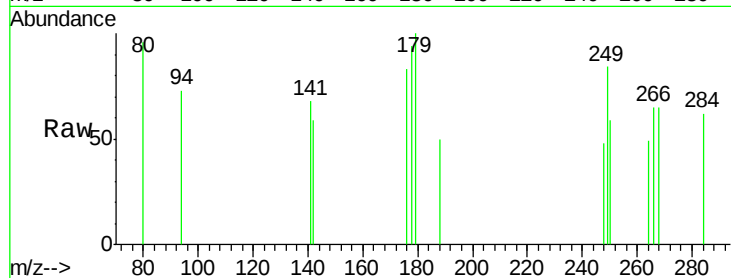
Tot Ion:266 Resp: 25

Ion Ratio Lower Upper

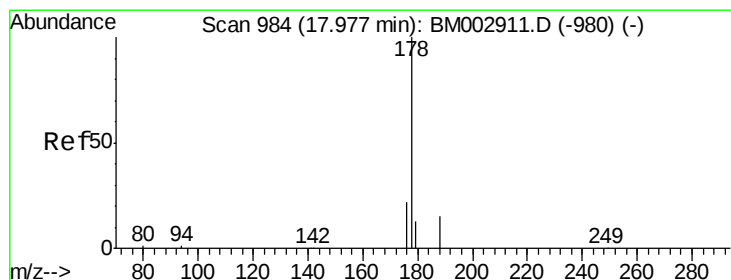
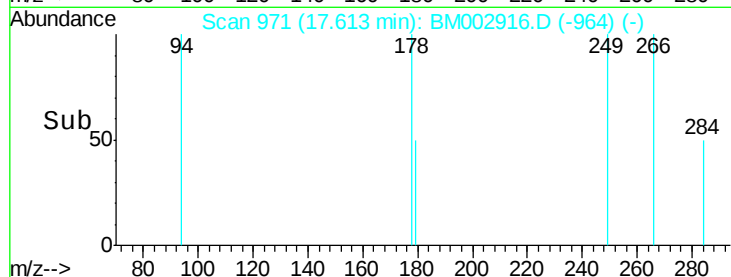
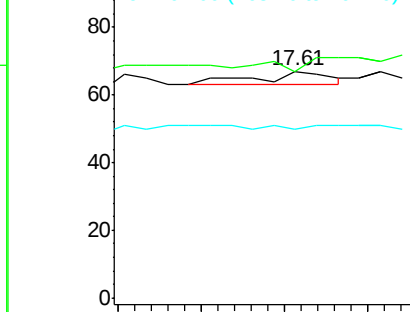
266 100

268 100.0 58.3 87.5#

264 74.6 54.2 81.2



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E



#23

Phenanthrene

Concen: 0.00 ng

RT: 17.95 min Scan# 984

Delta R.T. -0.03 min

Lab File: BM002916.D

Acq: 15 Oct 2015 16:18

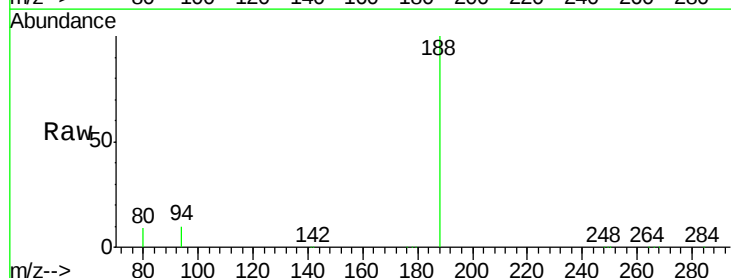
Tgt Ion:178 Resp: 276

Ion Ratio Lower Upper

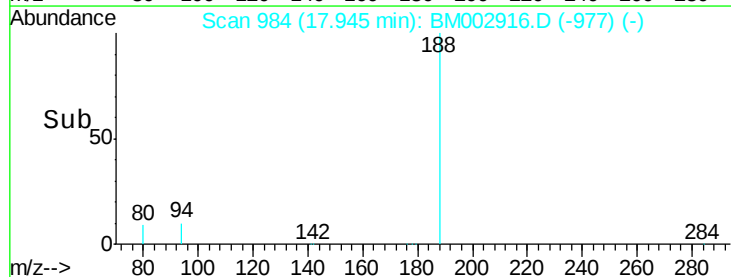
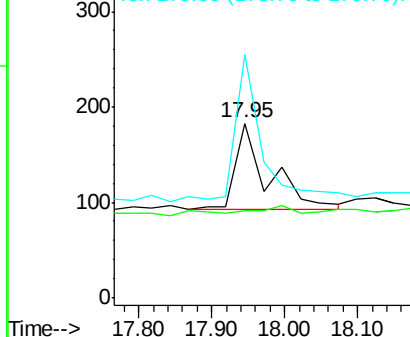
178 100

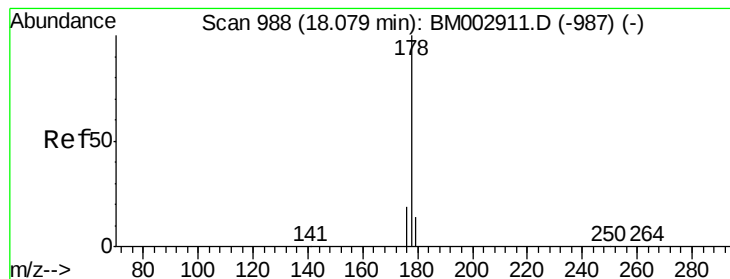
176 0.0 14.6 21.8#

179 142.8 12.5 18.7#



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: 0.00 ng

RT: 18.12 min Scan# 991

Delta R.T. 0.04 min

Lab File: BM002916.D

Acq: 15 Oct 2015 16:18

Instrument :

BNA_M

ClientSampleId :

PB86101BL

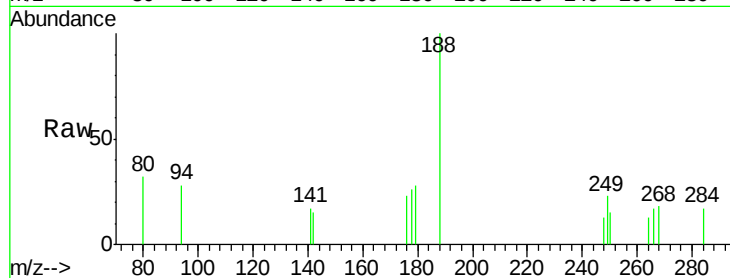
Tot Ion:178 Resp: 26

Ion Ratio Lower Upper

178 100

176 0.0 13.9 20.9#

179 0.0 12.6 18.8#

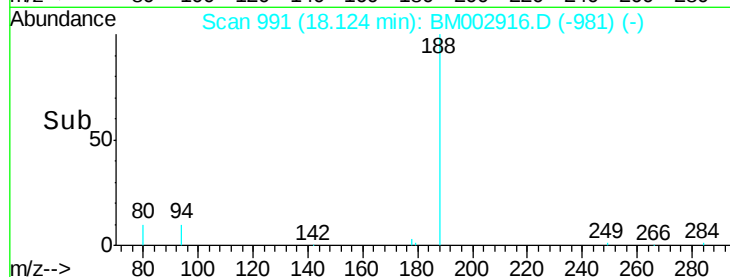


Abundance Ion 178.00 (177.70 to 178.70): E

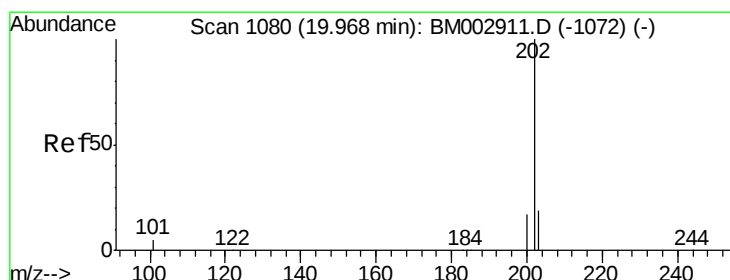
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

18.12



Time-->



#25

Fluoranthene

Concen: 0.00 ng

RT: 20.00 min Scan# 1083

Delta R.T. 0.03 min

Lab File: BM002916.D

Acq: 15 Oct 2015 16:18

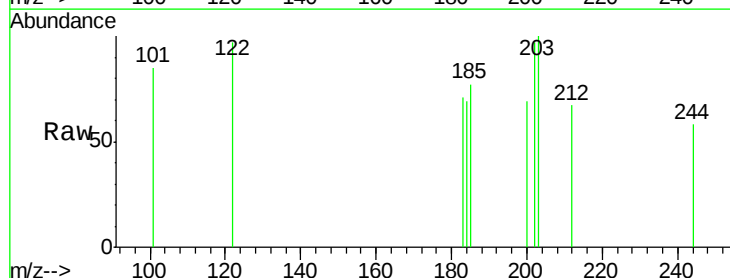
Tgt Ion:202 Resp: 74

Ion Ratio Lower Upper

202 100

101 0.0 11.0 16.6#

203 44.6 13.8 20.6#

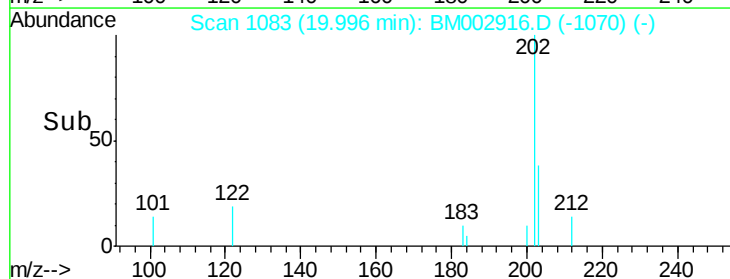


Abundance Ion 202.00 (201.70 to 202.70): E

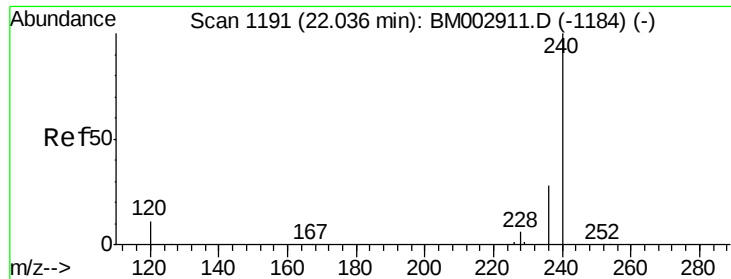
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

20.00



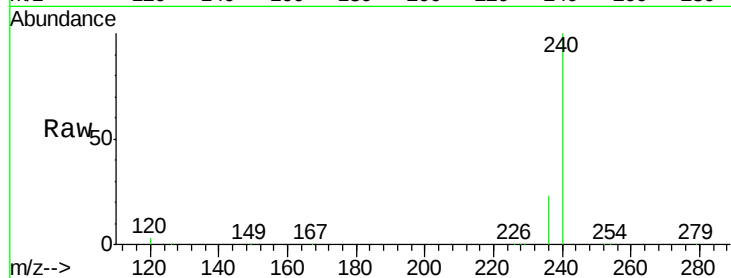
Time-->



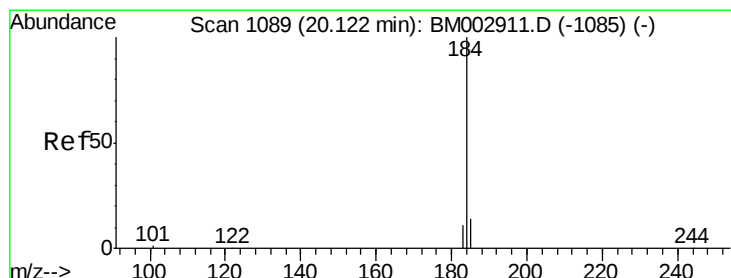
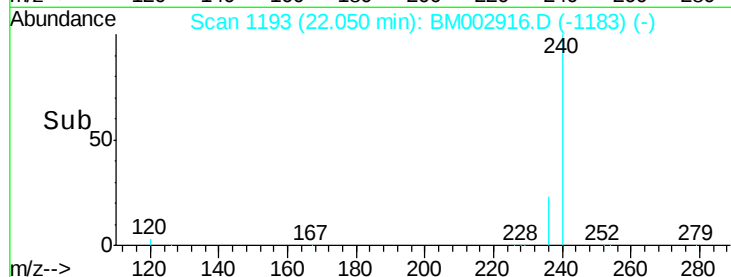
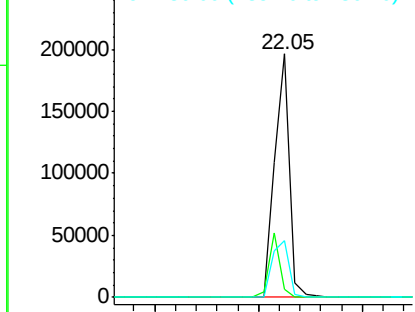
#26
Chrysene-d12
Concen: 5.00 ng
RT: 22.05 min Scan# 1193
Delta R.T. 0.01 min
Lab File: BM002916.D
Acq: 15 Oct 2015 16:18

Instrument :
BNA_M
ClientSampleId :
PB86101BL

Tot Ion:240 Resp: 396057
Ion Ratio Lower Upper
240 100
120 3.1 3.3 4.9#
236 23.1 19.5 29.3

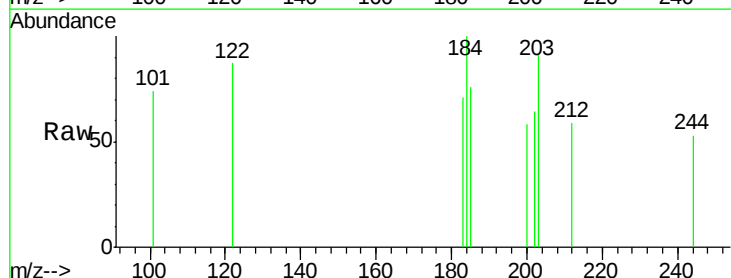


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

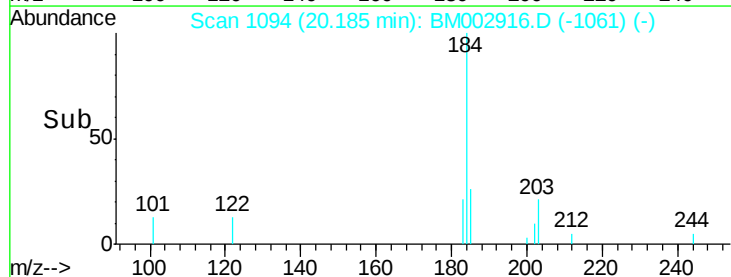
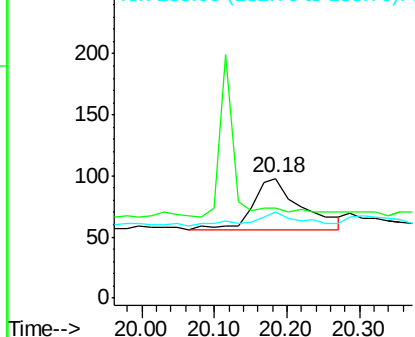


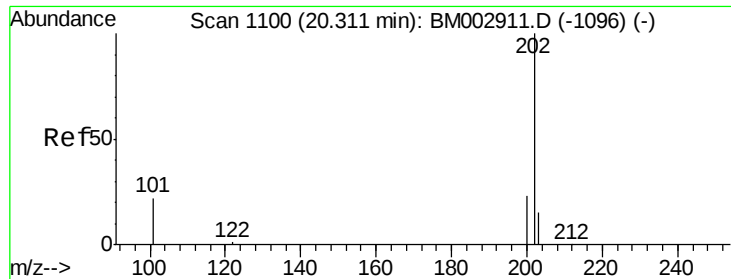
#27
Benzidine
Concen: 0.15 ng
RT: 20.18 min Scan# 1094
Delta R.T. 0.06 min
Lab File: BM002916.D
Acq: 15 Oct 2015 16:18

Tgt Ion:184 Resp: 193
Ion Ratio Lower Upper
184 100
185 75.5 12.0 18.0#
183 71.4 8.9 13.3#



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

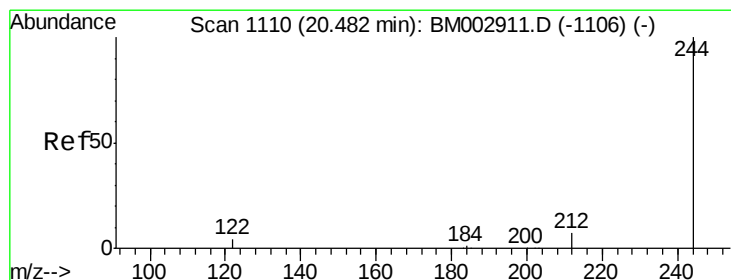
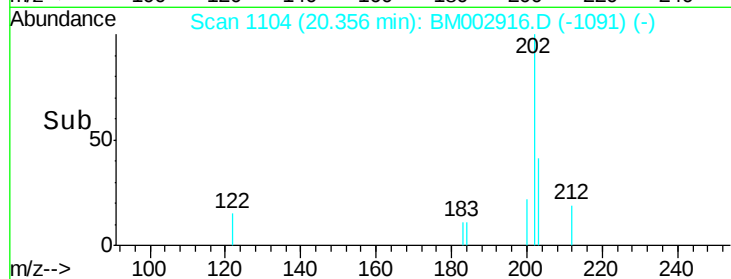
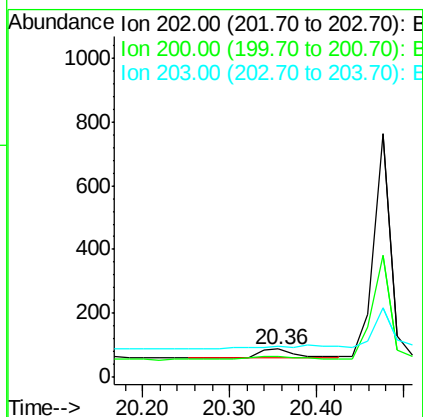
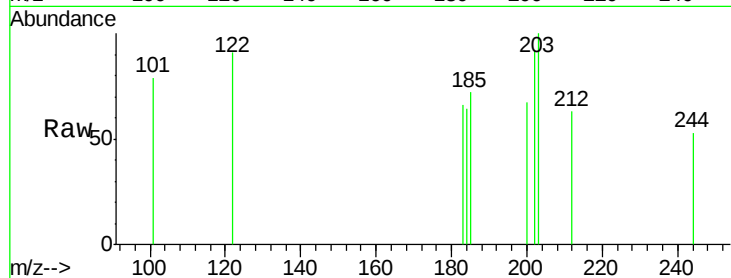




#28
Pvrene
Concen: 0.00 ng
RT: 20.36 min Scan# 1104
Delta R.T. 0.03 min
Lab File: BM002916.D
Acq: 15 Oct 2015 16:18

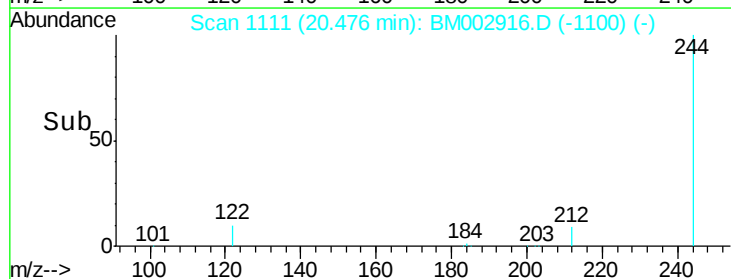
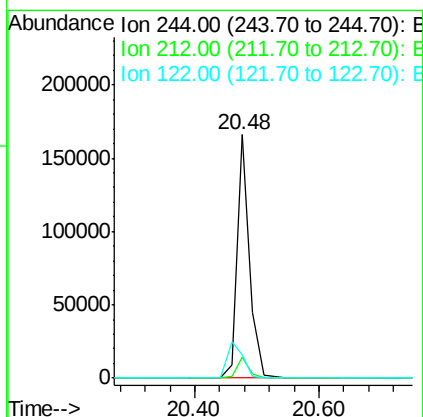
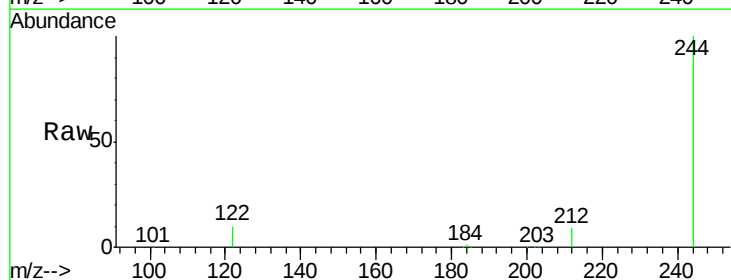
Instrument :
BNA_M
ClientSampleId :
PB86101BL

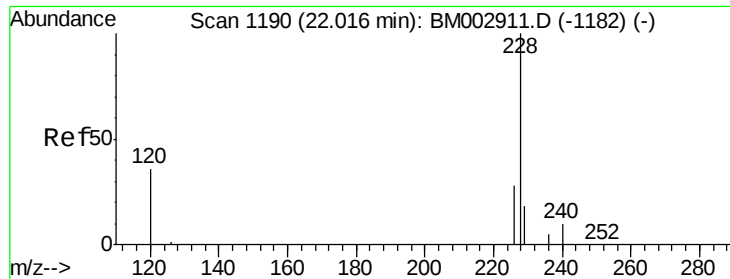
Tot Ion:202 Resp: 85
Ion Ratio Lower Upper
202 100
200 37.6 16.2 24.4#
203 0.0 13.8 20.8#



#29
Terphenyl-d14
Concen: 3.90 ng
RT: 20.48 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BM002916.D
Acq: 15 Oct 2015 16:18

Tgt Ion:244 Resp: 230991
Ion Ratio Lower Upper
244 100
212 8.7 5.6 8.4#
122 9.6 2.2 3.2#





#30

Benzo(a)anthracene

Concen: 0.01 ng

RT: 22.03 min Scan# 1192

Delta R.T. 0.01 min

Lab File: BM002916.D

Acq: 15 Oct 2015 16:18

Instrument :

BNA_M

ClientSampleId :

PB86101BL

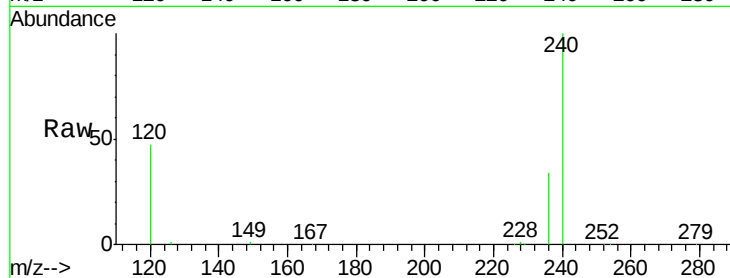
Tot Ion:228 Resp: 1383

Ion Ratio Lower Upper

228 100

226 18.9 19.0 28.6#

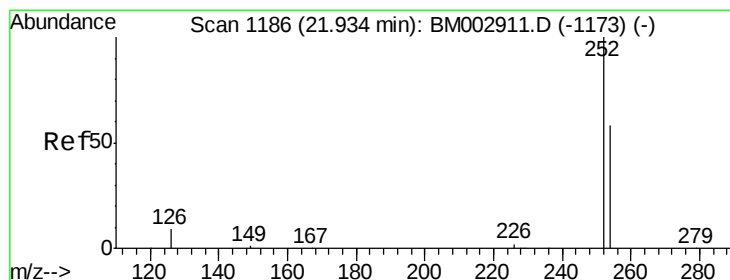
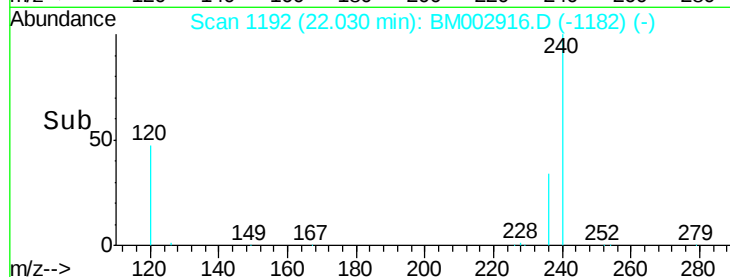
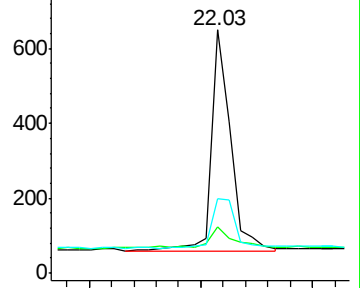
229 30.6 16.8 25.2#



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: 0.00 ng

RT: 21.97 min Scan# 1189

Delta R.T. 0.03 min

Lab File: BM002916.D

Acq: 15 Oct 2015 16:18

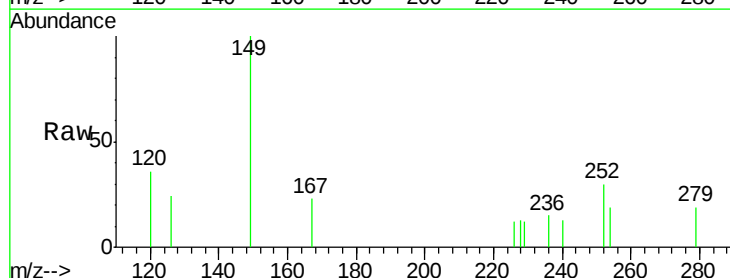
Tgt Ion:252 Resp: 182

Ion Ratio Lower Upper

252 100

254 65.1 54.1 81.1

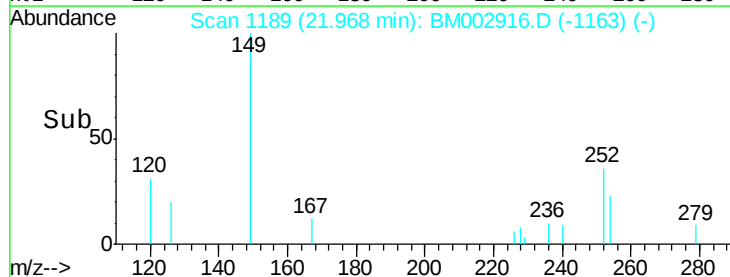
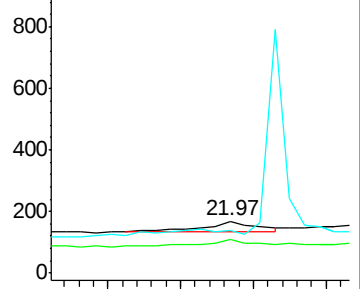
126 81.1 4.1 6.1#

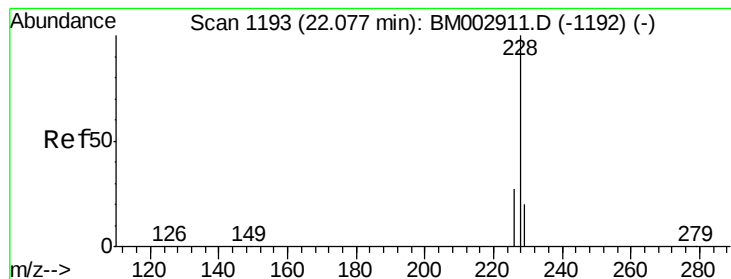


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#32

Chrysene

Concen: 0.01 ng

RT: 22.03 min Scan# 1192

Delta R.T. -0.05 min

Lab File: BM002916.D

Acq: 15 Oct 2015 16:18

Instrument :

BNA_M

ClientSampleId :

PB86101BL

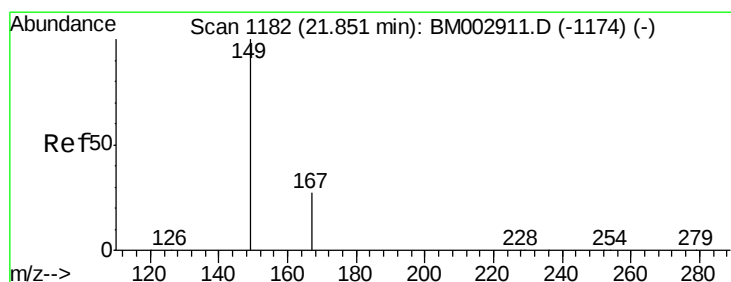
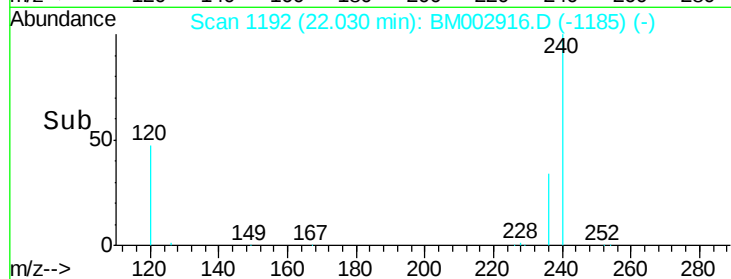
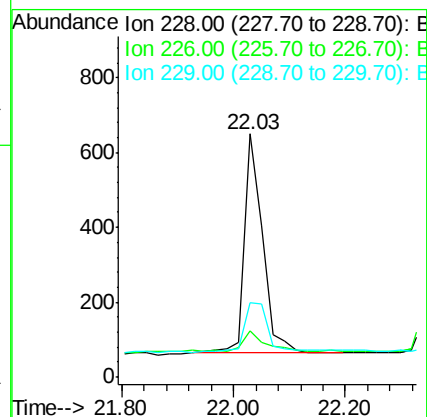
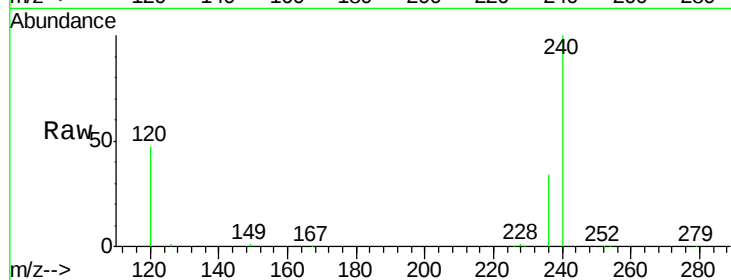
Tot Ion:228 Resp: 1313

Ion Ratio Lower Upper

228 100

226 18.9 20.6 30.8#

229 30.6 17.4 26.2#



#33

Bis(2-ethylhexyl)phthalate

Concen: 0.31 ng

RT: 21.85 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BM002916.D

Acq: 15 Oct 2015 16:18

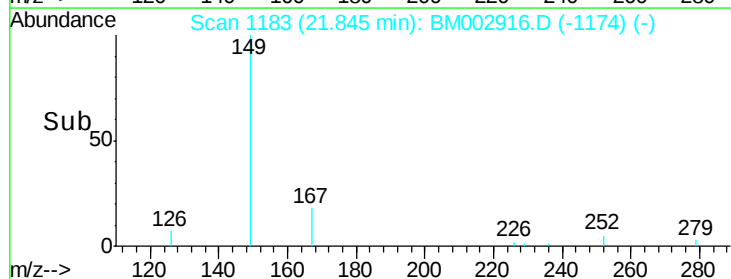
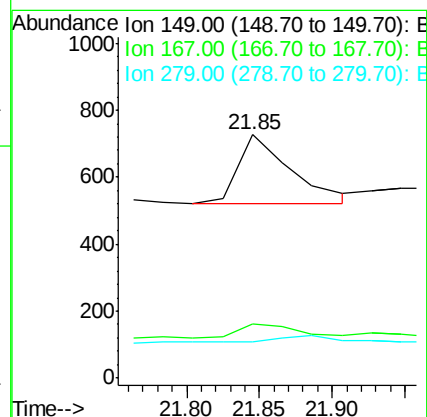
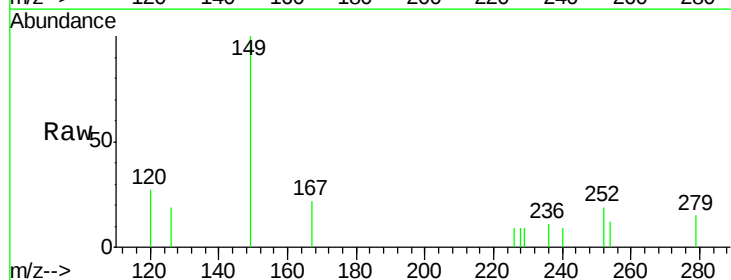
Tgt Ion:149 Resp: 530

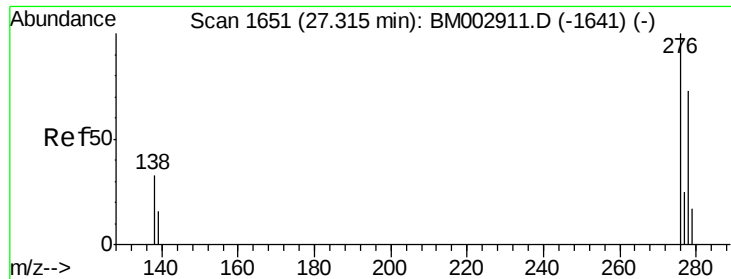
Ion Ratio Lower Upper

149 100

167 24.2 17.2 25.8

279 0.0 2.2 3.4#

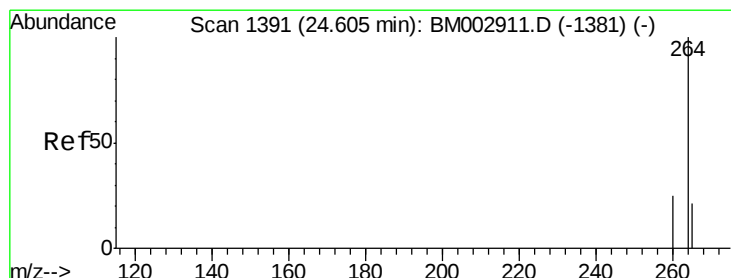
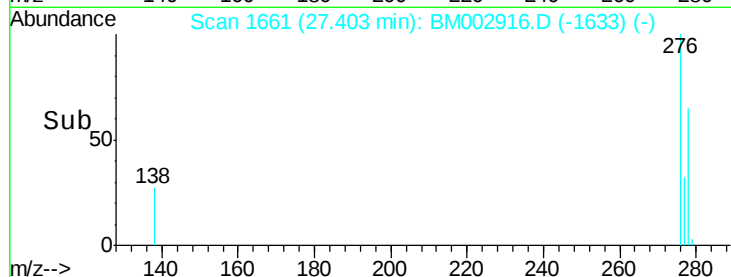
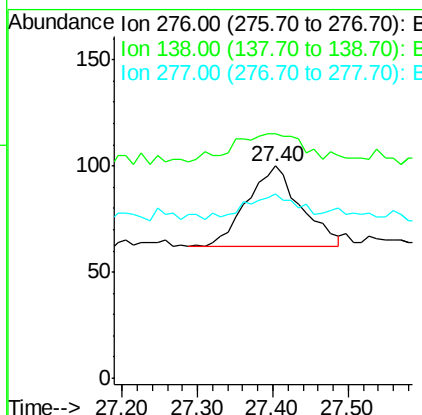
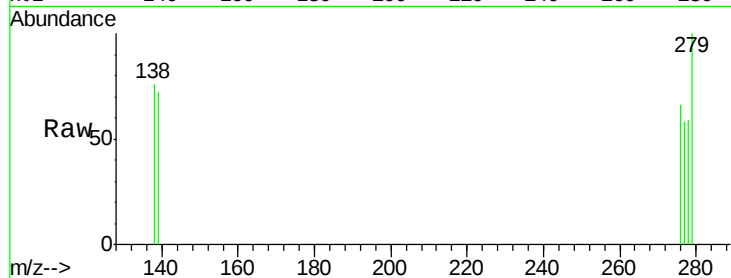




#34
Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng
RT: 27.40 min Scan# 1661
Delta R.T. 0.09 min
Lab File: BM002916.D
Acq: 15 Oct 2015 16:18

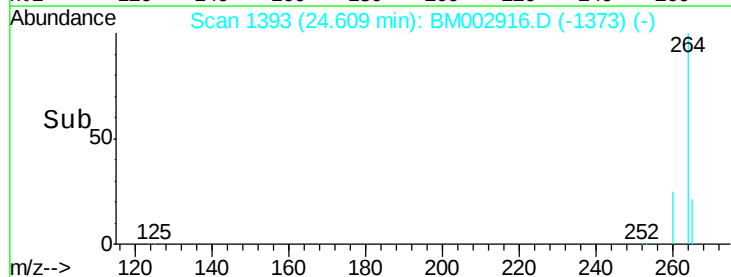
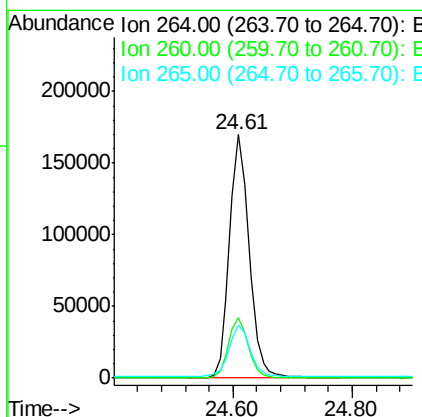
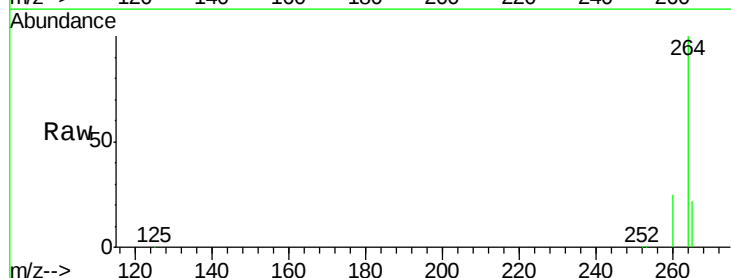
Instrument :
BNA_M
ClientSampleId :
PB86101BL

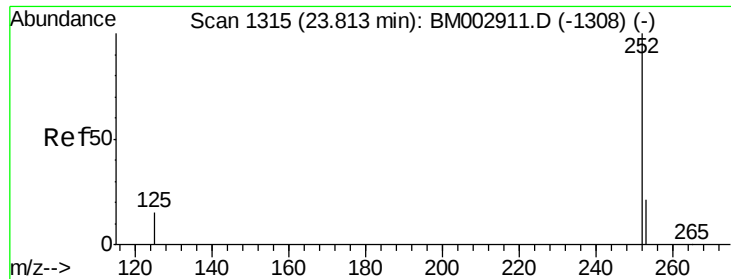
Tot Ion:276 Resp: 188
Ion Ratio Lower Upper
276 100
138 37.8 29.0 43.6
277 29.8 19.8 29.8#



#35
Perylene-d12
Concen: 5.00 ng
RT: 24.61 min Scan# 1393
Delta R.T. 0.00 min
Lab File: BM002916.D
Acq: 15 Oct 2015 16:18

Tgt Ion:264 Resp: 389542
Ion Ratio Lower Upper
264 100
260 24.7 20.1 30.1
265 22.0 17.6 26.4





#36

Benzo(b)fluoranthene

Concen: 0.00 ng

RT: 23.86 min Scan# 1321

Delta R.T. 0.04 min

Lab File: BM002916.D

Acq: 15 Oct 2015 16:18

Instrument :

BNA_M

ClientSampleId :

PB86101BL

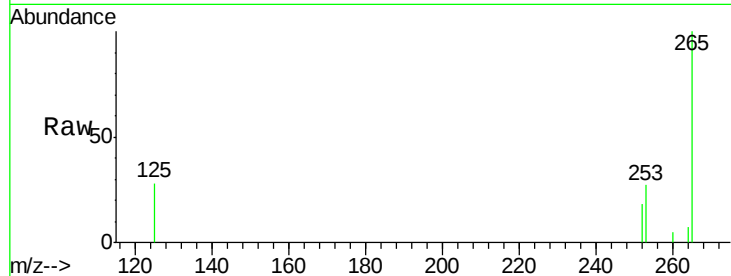
Tot Ion:252 Resp: 120

Ion Ratio Lower Upper

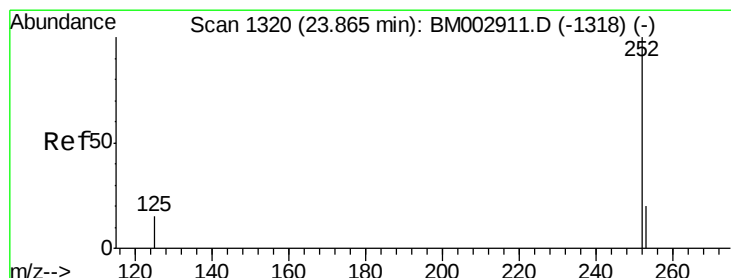
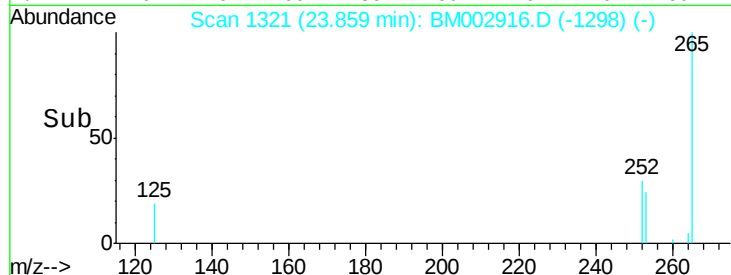
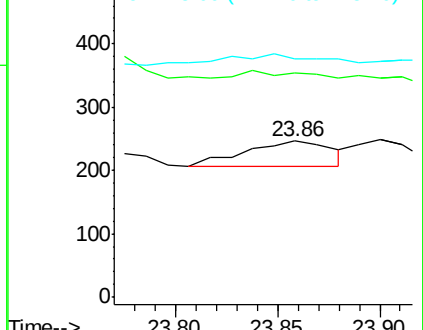
252 100

253 144.3 17.5 26.3#

125 152.8 12.4 18.6#



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



#37

Benzo(k)fluoranthene

Concen: 0.00 ng

RT: 23.86 min Scan# 1321

Delta R.T. -0.02 min

Lab File: BM002916.D

Acq: 15 Oct 2015 16:18

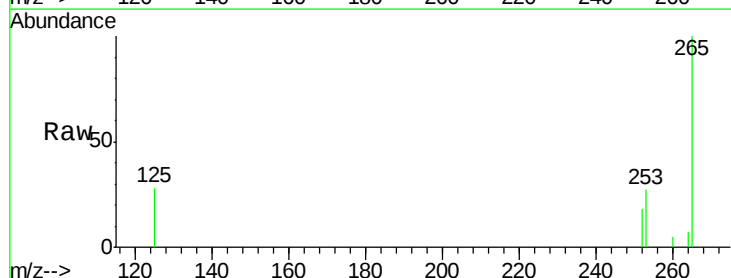
Tgt Ion:252 Resp: 120

Ion Ratio Lower Upper

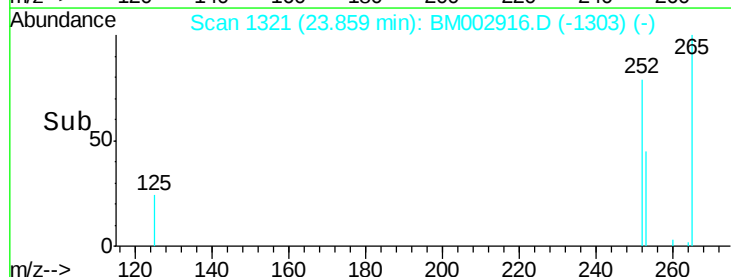
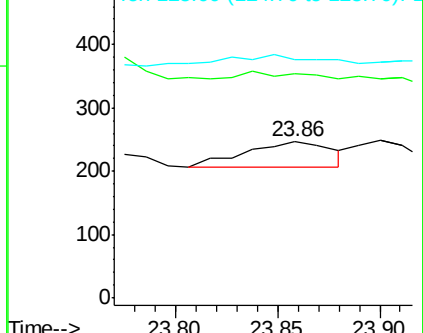
252 100

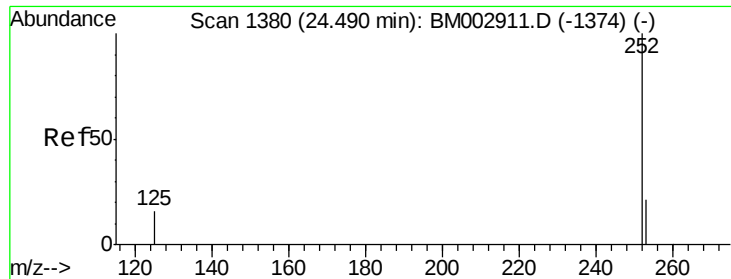
253 144.3 17.9 26.9#

125 152.8 12.3 18.5#



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: 0.00 ng

RT: 24.50 min Scan# 1383

Delta R.T. 0.00 min

Lab File: BM002916.D

Acq: 15 Oct 2015 16:18

Instrument :

BNA_M

ClientSampled :

PB86101BL

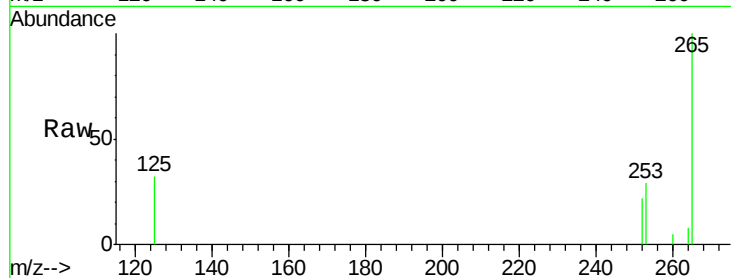
Tot Ion:252 Resp: 108

Ion Ratio Lower Upper

252 100

253 137.0 18.4 27.6#

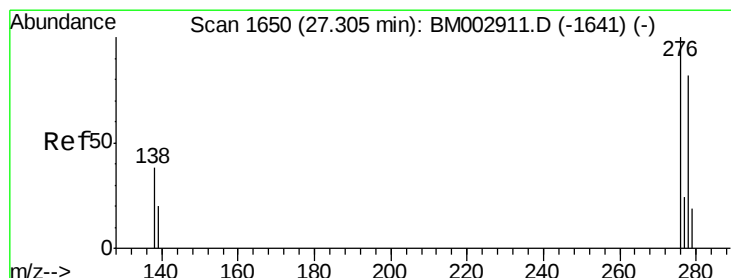
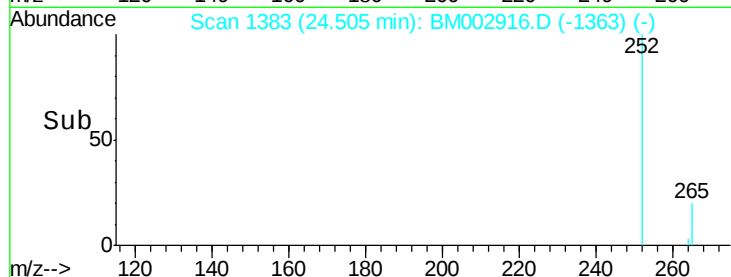
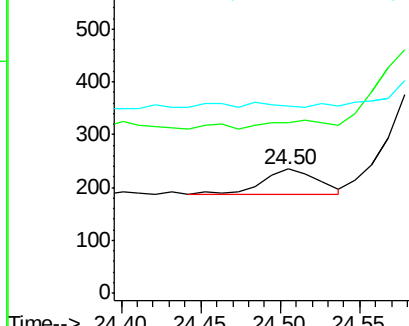
125 150.6 13.3 19.9#



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: 0.00 ng

RT: 27.37 min Scan# 1658

Delta R.T. 0.06 min

Lab File: BM002916.D

Acq: 15 Oct 2015 16:18

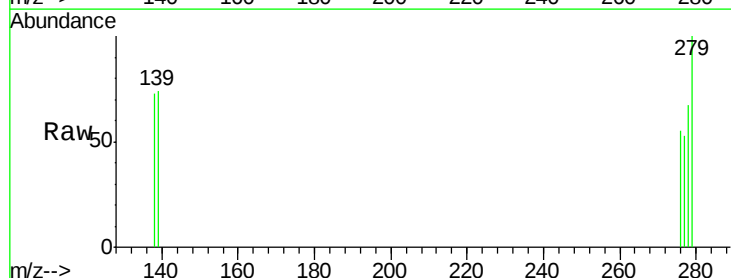
Tgt Ion:278 Resp: 190

Ion Ratio Lower Upper

278 100

139 110.7 19.8 29.6#

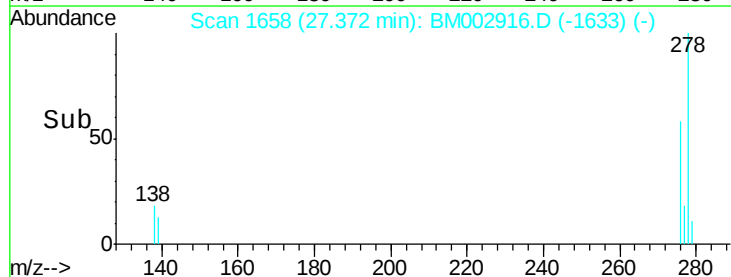
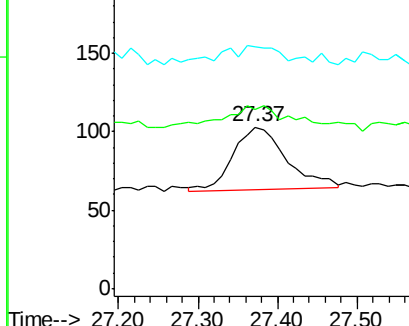
279 149.5 19.1 28.7#

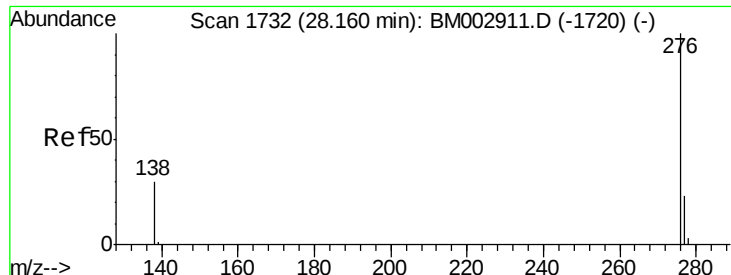


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#40

Benzo(a,h,i)perylene

Concen: 0.00 ng

RT: 28.24 min Scan# 1741

Delta R.T. 0.07 min

Lab File: BM002916.D

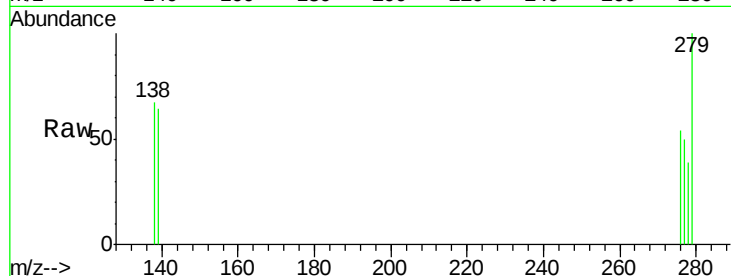
Acq: 15 Oct 2015 16:18

Instrument :

BNA_M

ClientSampleId :

PB86101BL



Tot Ion: 276 Resp: 133

Ion Ratio Lower Upper

276 100

277 92.5 19.4 29.0#

138 122.6 24.4 36.6#

