

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101515\
 Data File : BM002920.D
 Acq On : 15 Oct 2015 18:45
 Operator : UM/IZ
 Sample : PB86101BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB86101BS

Quant Time: Oct 16 07:00:29 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM101515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 16 06:59:27 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	95180	5.00	ng	0.00
7) Naphthalene-d8	11.49	136	399002	5.00	ng	-0.01
13) Acenaphthene-d10	15.23	164	205223	5.00	ng	0.00
19) Phenanthrene-d10	17.95	188	512732	5.00	ng	-0.01
26) Chrysene-d12	22.03	240	416083	5.00	ng	-0.01
35) Perylene-d12	24.61	264	369443	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	6.12	112	134854	7.58	ng	-0.03
5) Phenol-d6	7.77	99	183472	8.08	ng	-0.03
8) Nitrobenzene-d5	9.85	82	75142	3.93	ng	-0.02
14) 2,4,6-Tribromophenol	16.71	330	61446	7.66	ng	0.00
15) 2-Fluorobiphenyl	13.87	172	260311	3.96	ng	0.00
29) Terphenyl-d14	20.48	244	248358	3.99	ng	-0.01

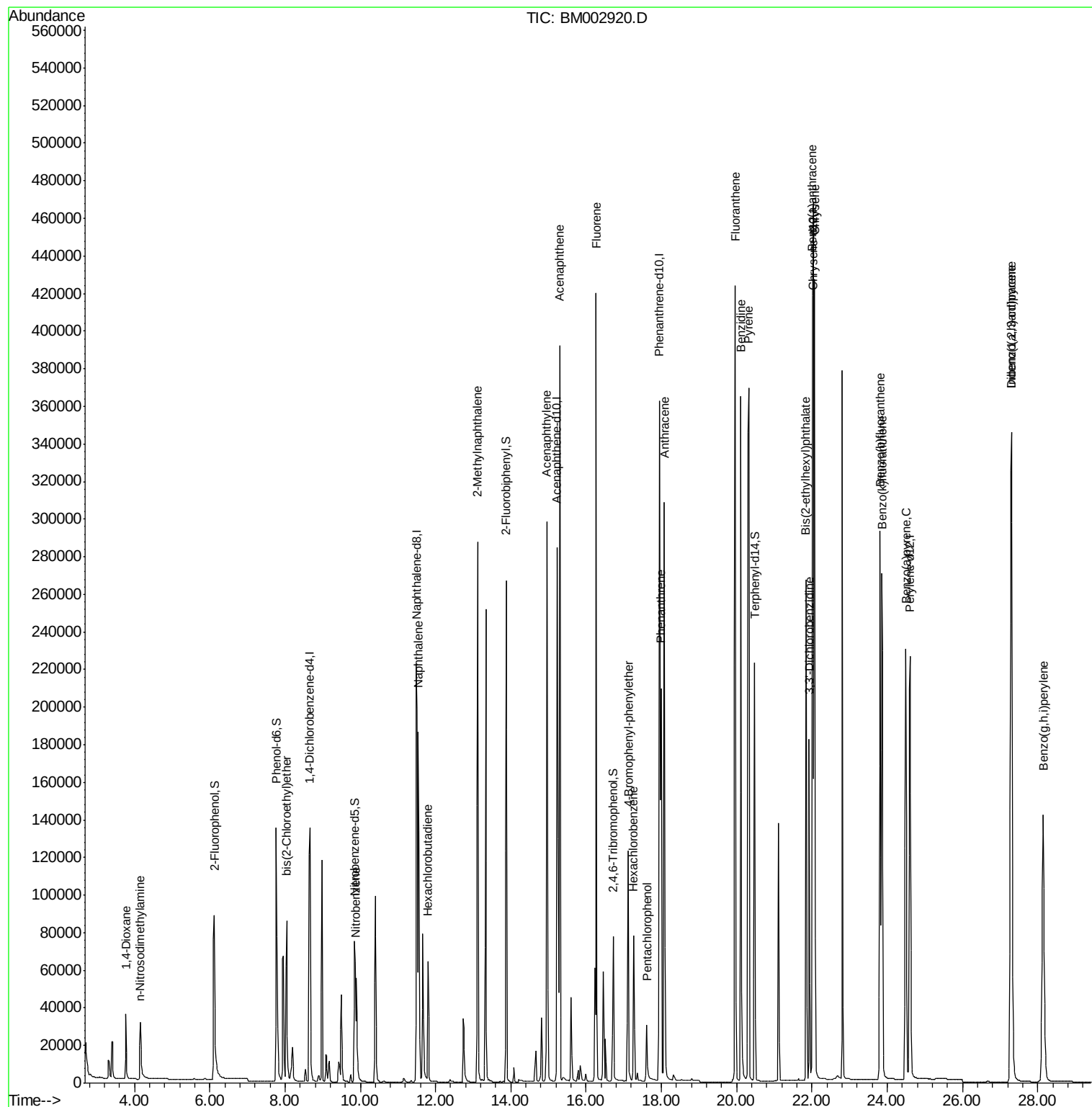
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.77	88	28970	3.34	ng	98
3) n-Nitrosodimethylamine	4.14	42	26820	3.97	ng	# 97
6) bis(2-Chloroethyl)ether	8.04	93	83031	3.83	ng	95
9) Nitrobenzene	9.89	77	79957	3.95	ng	99
10) Naphthalene	11.54	128	313060	3.53	ng	96
11) Hexachlorobutadiene	11.80	225	49673	3.48	ng	100
12) 2-Methylnaphthalene	13.11	142	221714	3.71	ng	96
16) Acenaphthylene	14.96	152	369972	4.12	ng	100
17) Acenaphthene	15.29	154	220594	3.59	ng	# 100
18) Fluorene	16.27	166	291682	3.98	ng	100
20) 4-Bromophenyl-phenylether	17.13	248	81741	3.84	ng	# 53
21) Hexachlorobenzene	17.26	284	80609	4.00	ng	# 77
22) Pentachlorophenol	17.61	266	30116	12.53	ng	91
23) Phenanthrene	18.00	178	399103	3.34	ng	100
24) Anthracene	18.07	178	440862	3.87	ng	97
25) Fluoranthene	19.96	202	476827	3.61	ng	99
27) Benzidine	20.12	184	490284	7.97	ng	98
28) Pyrene	20.32	202	502269	4.09	ng	99
30) Benzo(a)anthracene	22.01	228	467715	3.89	ng	# 90
31) 3,3'-Dichlorobenzidine	21.93	252	174579	4.29	ng	# 87
32) Chrysene	22.07	228	413380	3.68	ng	92
33) Bis(2-ethylhexyl)phthalate	21.85	149	295687	3.29	ng	# 93
34) Indeno(1,2,3-cd)pyrene	27.30	276	425004	3.67	ng	100
36) Benzo(b)fluoranthene	23.81	252	439555	4.15	ng	98
37) Benzo(k)fluoranthene	23.86	252	391532	3.77	ng	98
38) Benzo(a)pyrene	24.49	252	387253	4.13	ng	98
39) Dibenzo(a,h)anthracene	27.30	278	344303	3.84	ng	98
40) Benzo(g,h,i)perylene	28.14	276	354829	3.78	ng	99

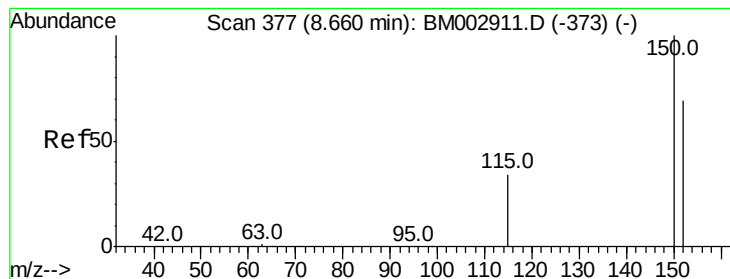
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM002920.D

Acq: 15 Oct 2015 18:45

Instrument :

BNA_M

ClientSampleId :

PB86101BS

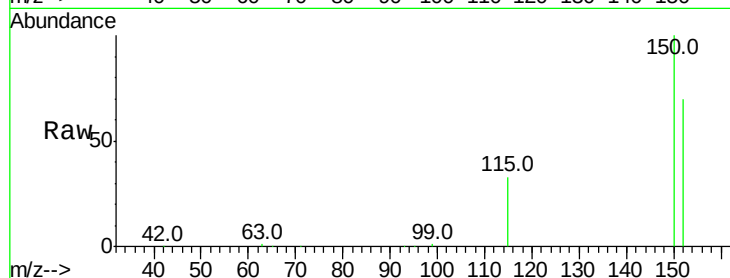
Tot Ion:152 Resp: 95180

Ion Ratio Lower Upper

152 100

150 141.9 113.0 169.6

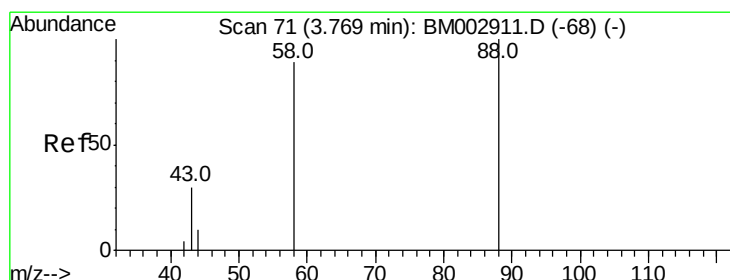
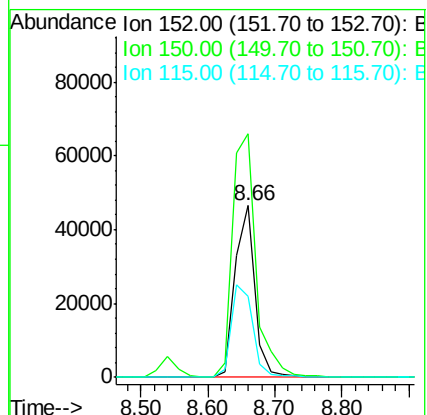
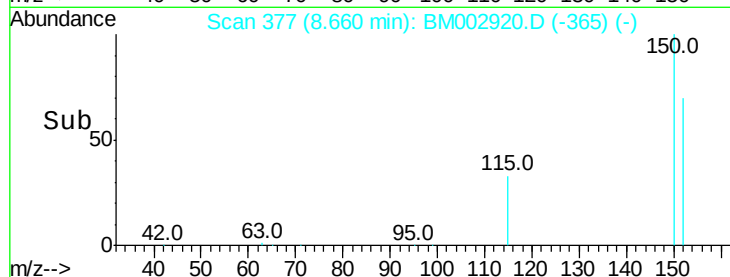
115 47.1 37.9 56.9



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



#2

1,4-Dioxane

Concen: 3.34 ng

RT: 3.77 min Scan# 71

Delta R.T. 0.00 min

Lab File: BM002920.D

Acq: 15 Oct 2015 18:45

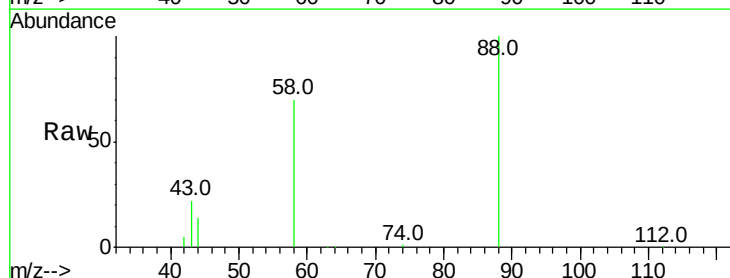
Tgt Ion: 88 Resp: 28970

Ion Ratio Lower Upper

88 100

58 70.7 56.7 85.1

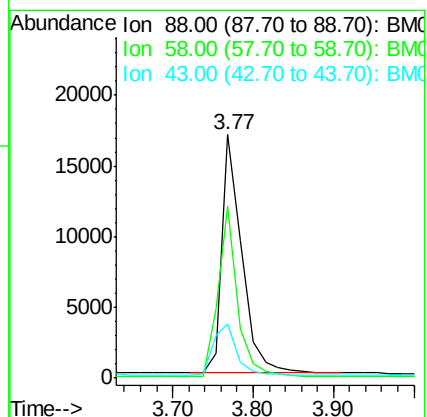
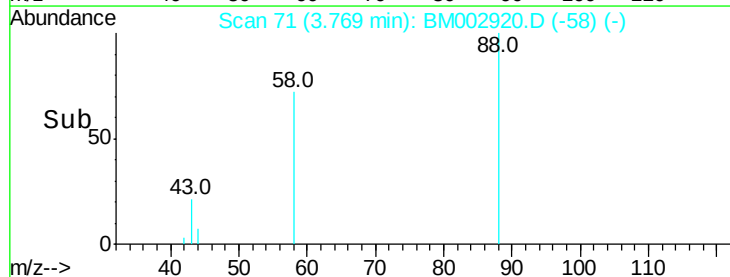
43 24.9 22.0 33.0

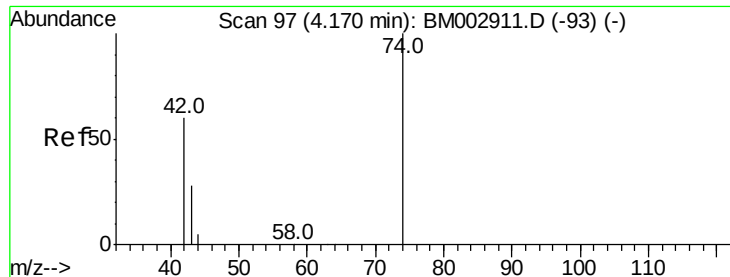


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 3.97 ng

RT: 4.14 min Scan# 95

Delta R.T. -0.03 min

Lab File: BM002920.D

Acq: 15 Oct 2015 18:45

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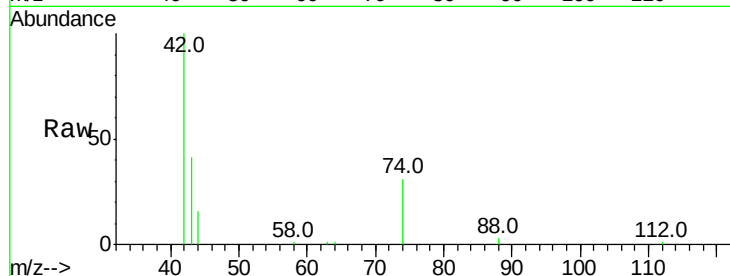
Tot Ion: 42 Resp: 26820

Ion Ratio Lower Upper

42 100

74 146.1 119.7 179.5

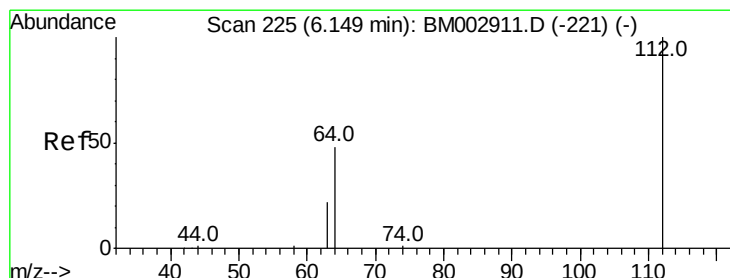
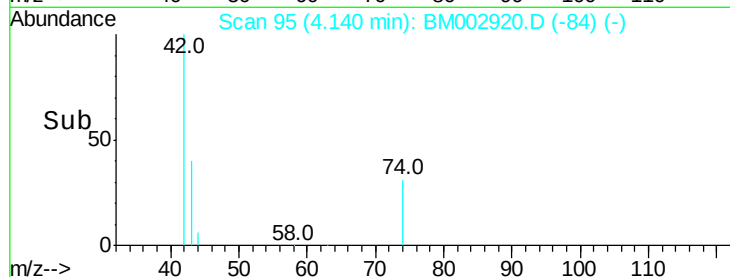
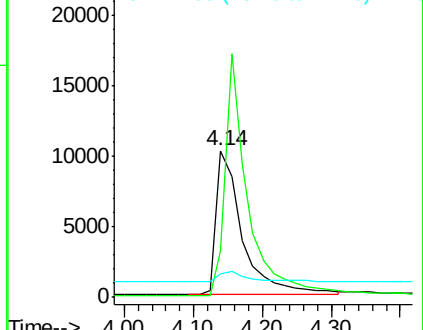
44 7.9 9.8 14.6#



Abundance Ion 42.00 (41.70 to 42.70): BM002911.D (-93) (-)

Ion 74.00 (73.70 to 74.70): BM002911.D (-93) (-)

Ion 44.00 (43.70 to 44.70): BM002911.D (-93) (-)



#4

2-Fluorophenol

Concen: 7.58 ng

RT: 6.12 min Scan# 223

Delta R.T. -0.03 min

Lab File: BM002920.D

Acq: 15 Oct 2015 18:45

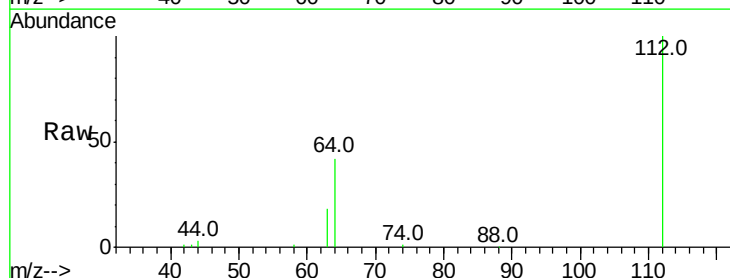
Tgt Ion: 112 Resp: 134854

Ion Ratio Lower Upper

112 100

64 51.6 42.0 63.0

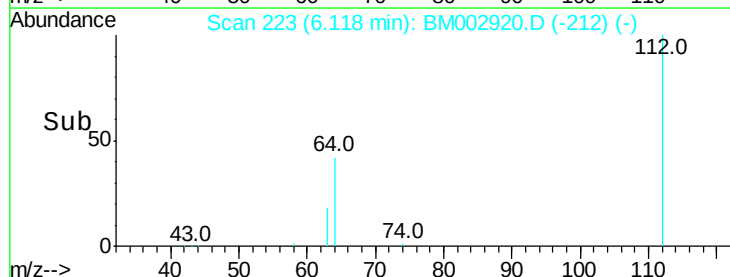
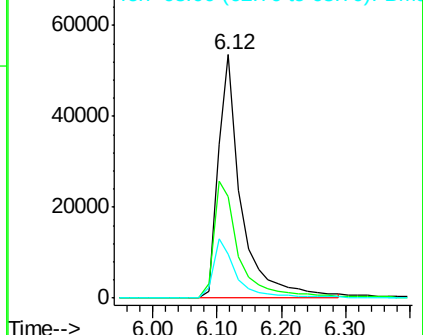
63 24.5 20.0 30.0

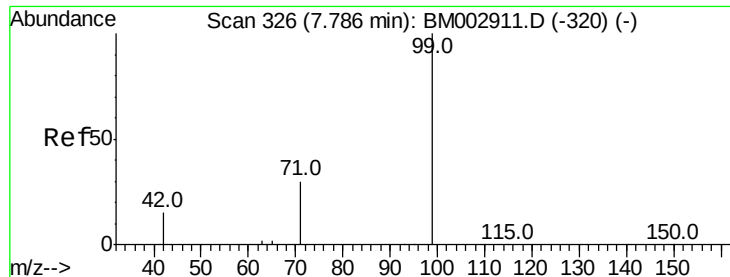


Abundance Ion 112.00 (111.70 to 112.70): BM002911.D (-221) (-)

Ion 64.00 (63.70 to 64.70): BM002911.D (-221) (-)

Ion 63.00 (62.70 to 63.70): BM002911.D (-221) (-)





#5

Phenol-d6

Concen: 8.08 ng

RT: 7.77 min Scan# 325

Delta R.T. -0.03 min

Lab File: BM002920.D

Acq: 15 Oct 2015 18:45

Instrument :

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PB86101BS

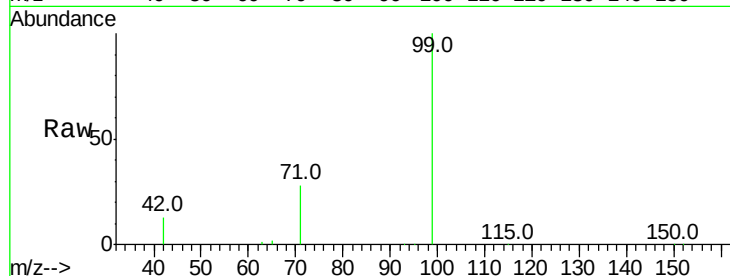
Tot Ion: 99 Resp: 183472

Ion Ratio Lower Upper

99 100

42 15.1 12.4 18.6

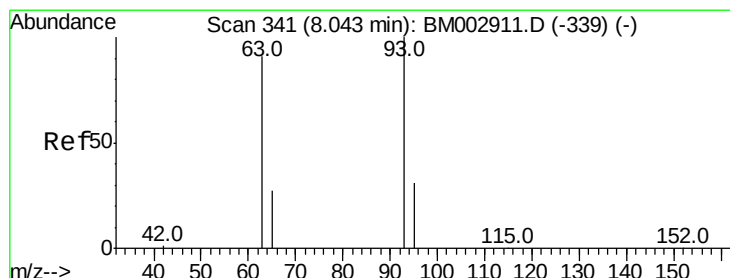
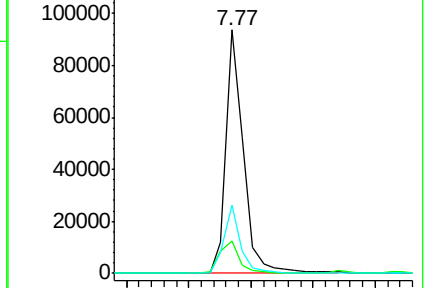
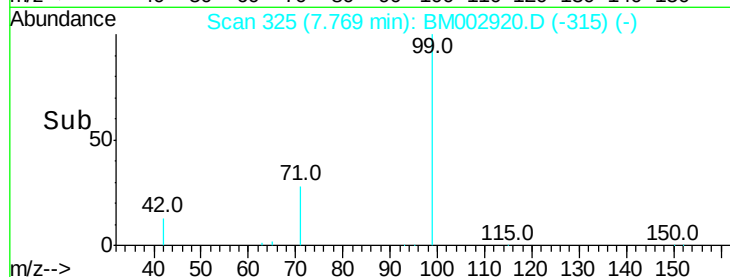
71 26.4 21.4 32.0



Abundance Ion 99.00 (98.70 to 99.70): BM002920.D (-315) (-)

Ion 42.00 (41.70 to 42.70): BM002920.D (-315) (-)

Ion 71.00 (70.70 to 71.70): BM002920.D (-315) (-)



#6

bis(2-Chloroethyl)ether

Concen: 3.83 ng

RT: 8.04 min Scan# 341

Delta R.T. -0.02 min

Lab File: BM002920.D

Acq: 15 Oct 2015 18:45

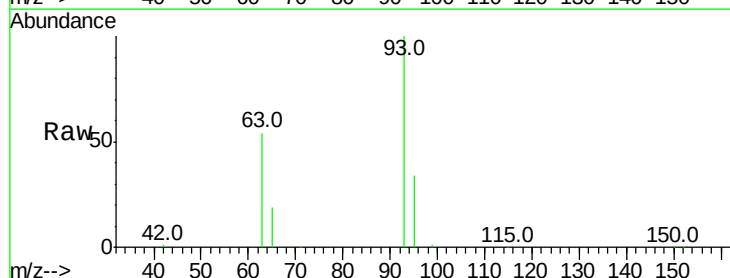
Tgt Ion: 93 Resp: 83031

Ion Ratio Lower Upper

93 100

63 70.9 52.9 79.3

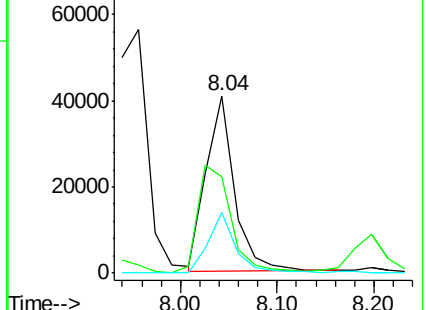
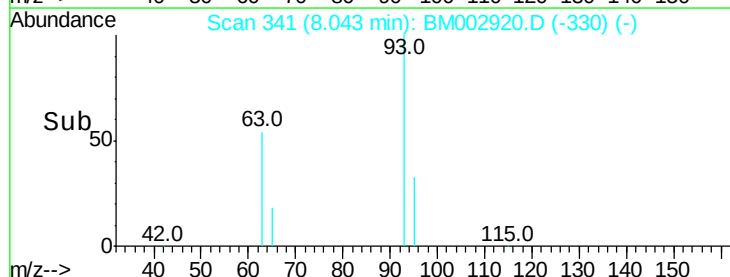
95 32.6 25.2 37.8

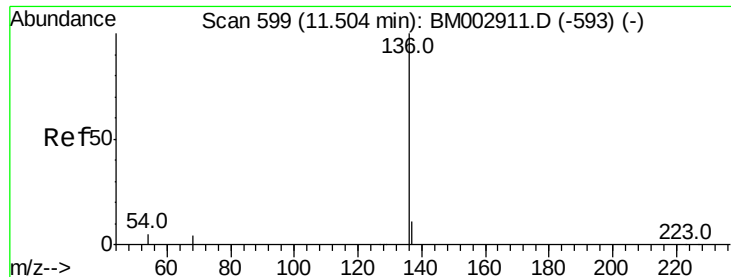


Abundance Ion 93.00 (92.70 to 93.70): BM002920.D (-330) (-)

Ion 63.00 (62.70 to 63.70): BM002920.D (-330) (-)

Ion 95.00 (94.70 to 95.70): BM002920.D (-330) (-)





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 11.49 min Scan# 599

Delta R.T. -0.01 min

Lab File: BM002920.D

Acq: 15 Oct 2015 18:45

Instrument :

BNA_M

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PB86101BS

Tot Ion:136 Resp: 399002

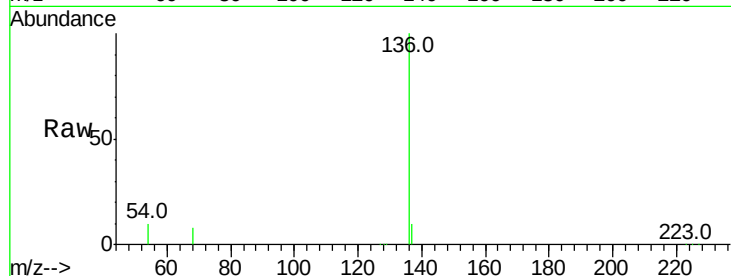
Ion Ratio Lower Upper

136 100

137 10.1 9.1 13.7

54 9.7 3.5 5.3#

68 8.0 3.3 4.9#

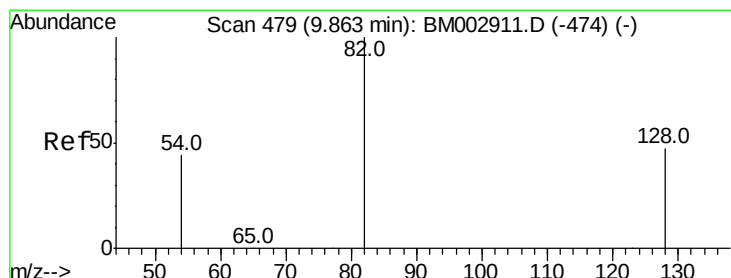
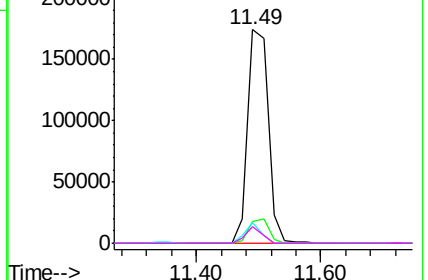
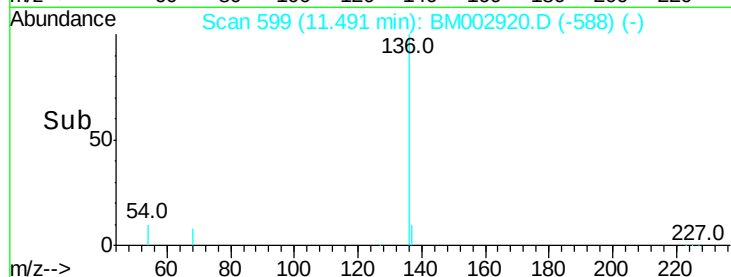


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#8

Nitrobenzene-d5

Concen: 3.93 ng

RT: 9.85 min Scan# 478

Delta R.T. -0.02 min

Lab File: BM002920.D

Acq: 15 Oct 2015 18:45

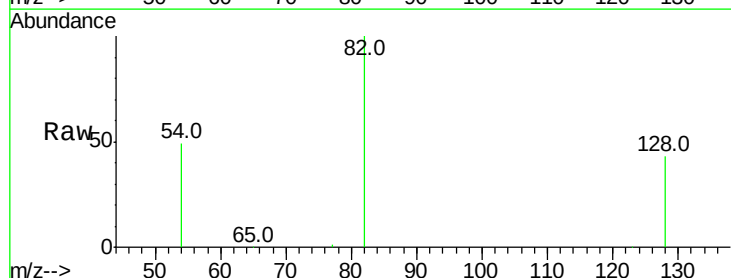
Tgt Ion: 82 Resp: 75142

Ion Ratio Lower Upper

82 100

128 43.5 34.1 51.1

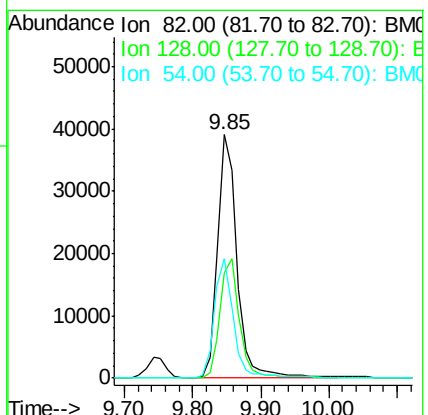
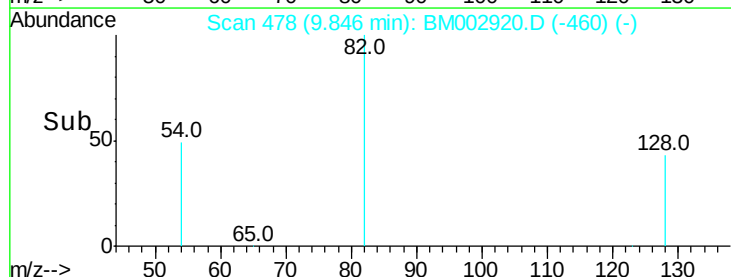
54 49.0 42.6 63.8

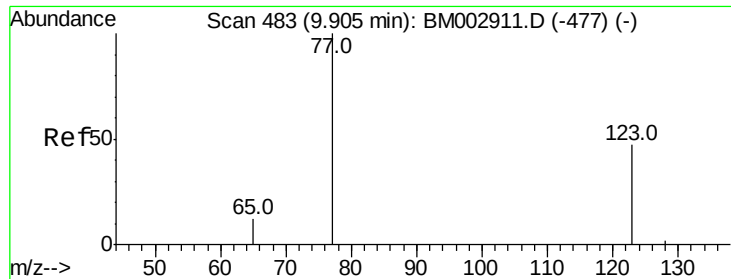


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM

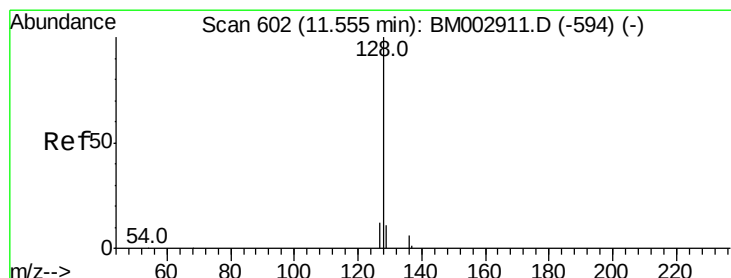
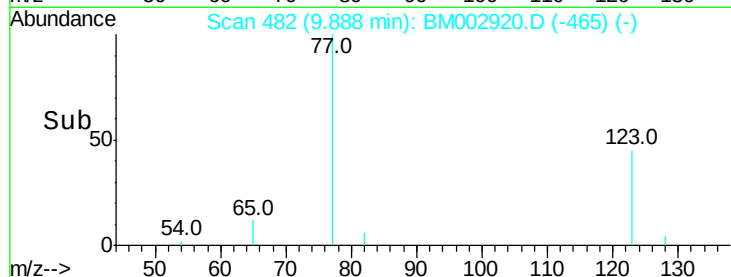
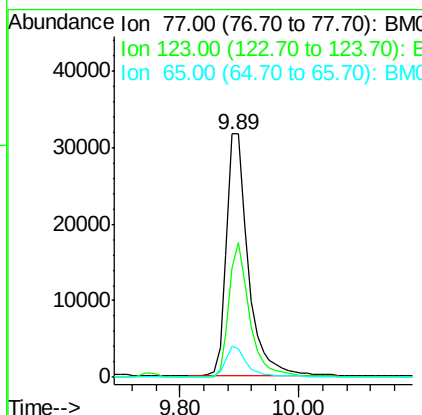
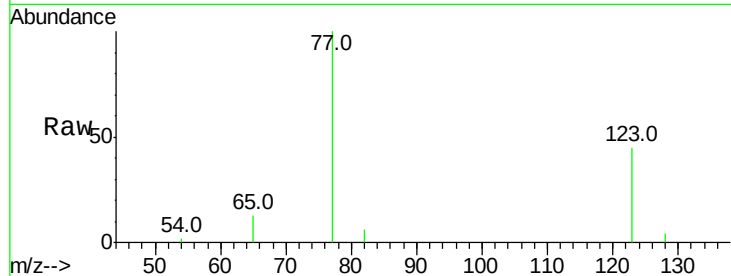




#9
 Nitrobenzene
 Concen: 3.95 ng
 RT: 9.89 min Scan# 482
 Delta R.T. -0.03 min
 Lab File: BM002920.D
 Acq: 15 Oct 2015 18:45

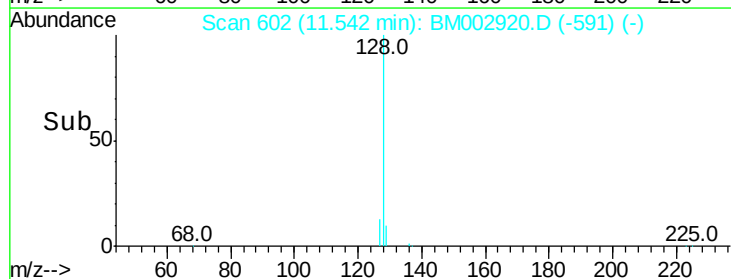
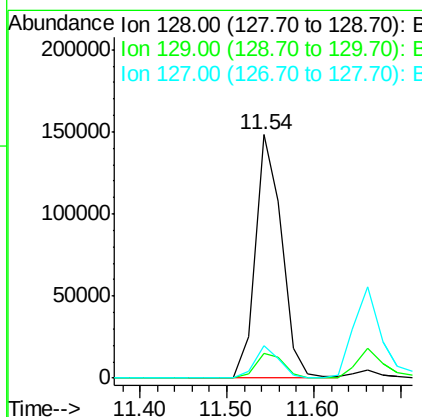
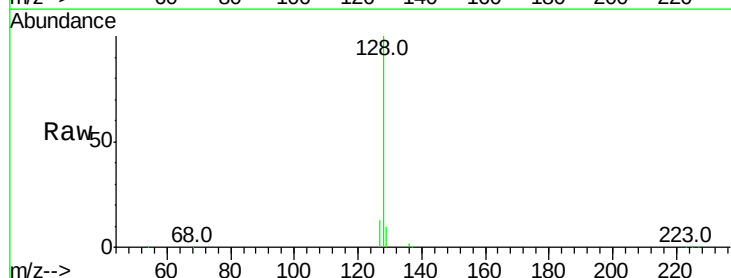
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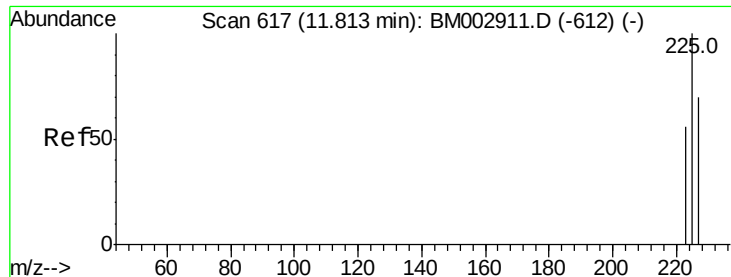
Tot Ion: 77 Resp: 79957
 Ion Ratio Lower Upper
 77 100
 123 52.1 41.0 61.4
 65 12.1 9.7 14.5



#10
 Naphthalene
 Concen: 3.53 ng
 RT: 11.54 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BM002920.D
 Acq: 15 Oct 2015 18:45

Tgt Ion: 128 Resp: 313060
 Ion Ratio Lower Upper
 128 100
 129 10.4 9.4 14.2
 127 13.4 9.6 14.4





#11

Hexachlorobutadiene

Concen: 3.48 ng

RT: 11.80 min Scan# 617

Delta R.T. -0.01 min

Lab File: BM002920.D

Acq: 15 Oct 2015 18:45

Instrument :

BNA_M

ClientSampleId :

PB86101BS

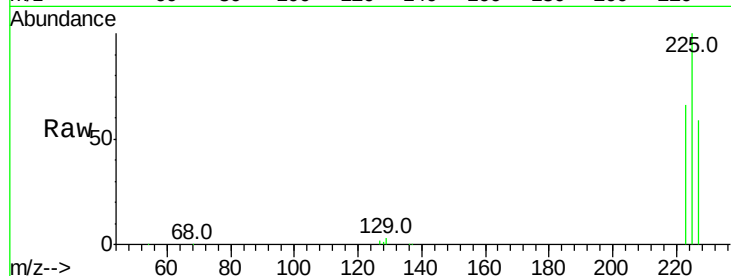
Tot Ion:225 Resp: 49673

Ion Ratio Lower Upper

225 100

223 62.8 50.1 75.1

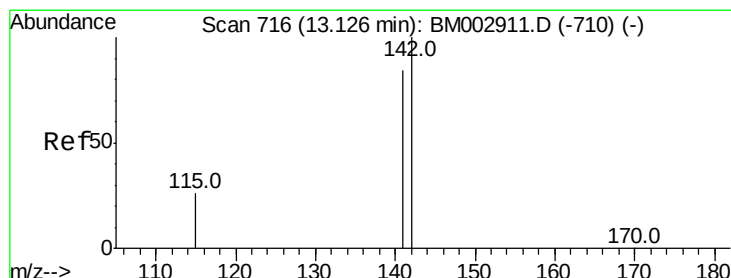
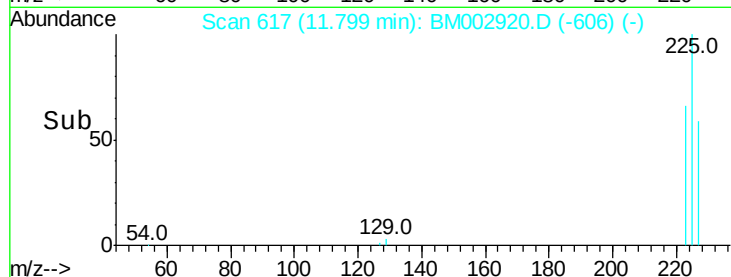
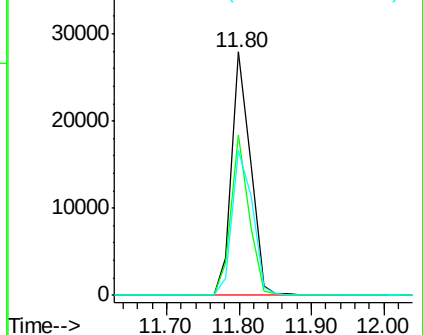
227 64.1 51.2 76.8



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: 3.71 ng

RT: 13.11 min Scan# 716

Delta R.T. -0.01 min

Lab File: BM002920.D

Acq: 15 Oct 2015 18:45

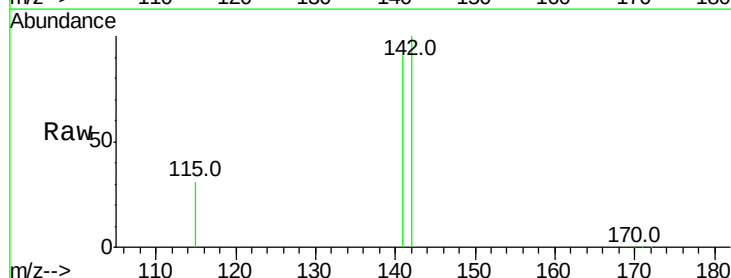
Tgt Ion:142 Resp: 221714

Ion Ratio Lower Upper

142 100

141 90.6 69.4 104.0

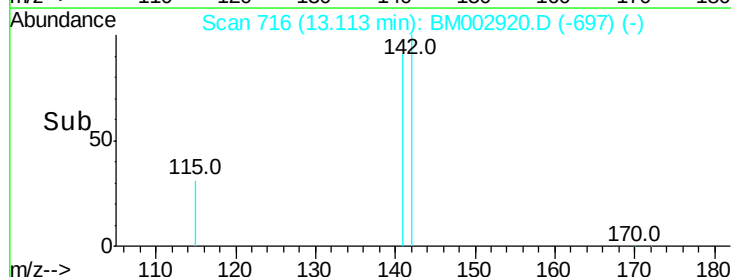
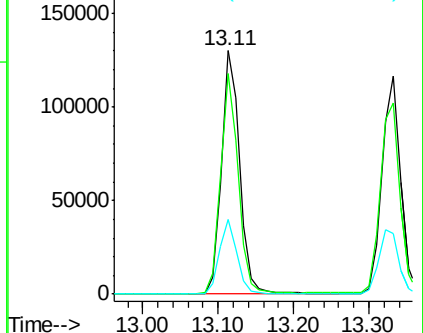
115 30.6 22.7 34.1

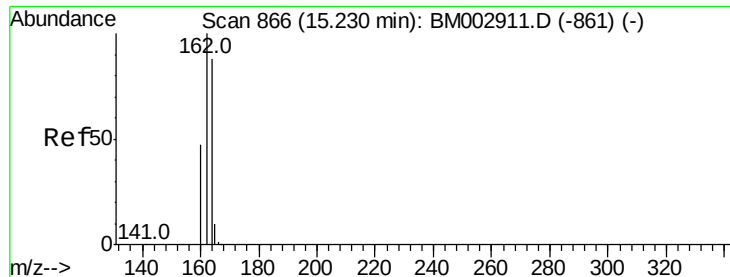


Abundance Ion 142.00 (141.70 to 142.70): E

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: 15.23 min Scan# 867

Delta R.T. -0.01 min

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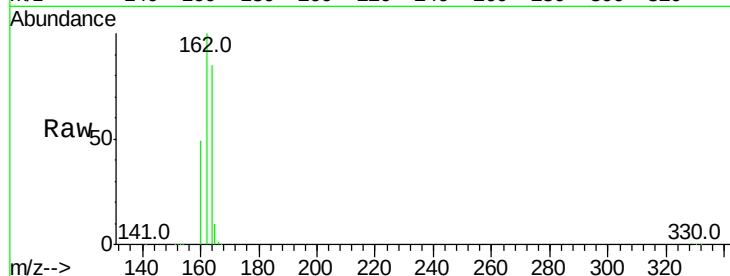
Tot Ion:164 Resp: 205223

Ion Ratio Lower Upper

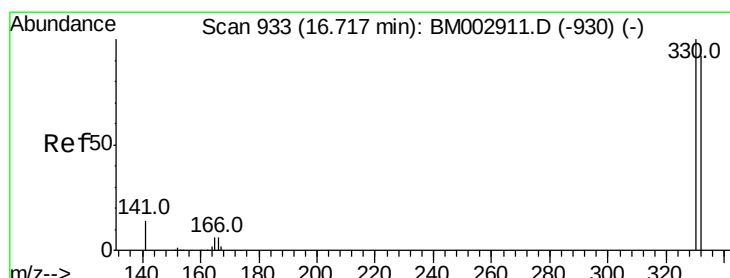
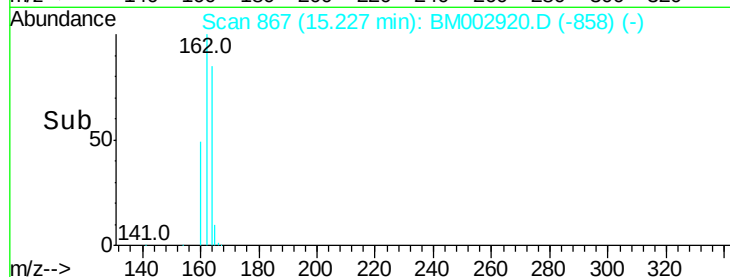
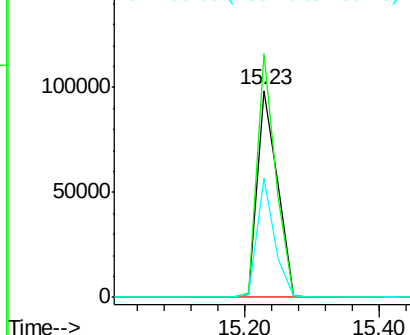
164 100

162 117.9 79.6 119.4

160 57.9 33.1 49.7#



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: 7.66 ng

RT: 16.71 min Scan# 934

Delta R.T. -0.01 min

Lab File: BM002920.D

Acq: 15 Oct 2015 18:45

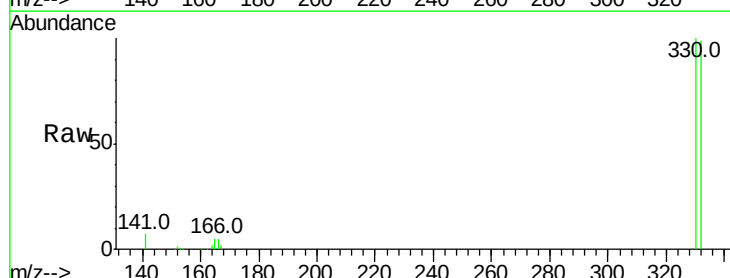
Tgt Ion:330 Resp: 61446

Ion Ratio Lower Upper

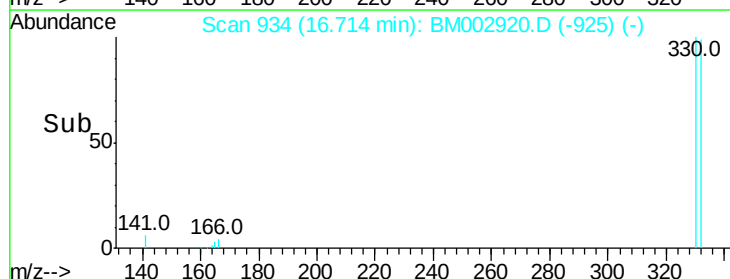
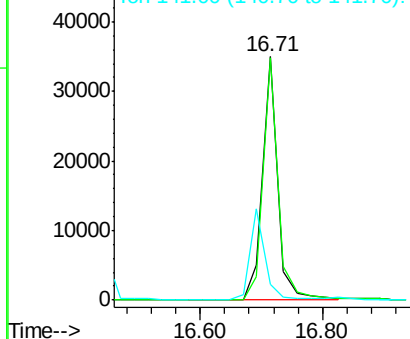
330 100

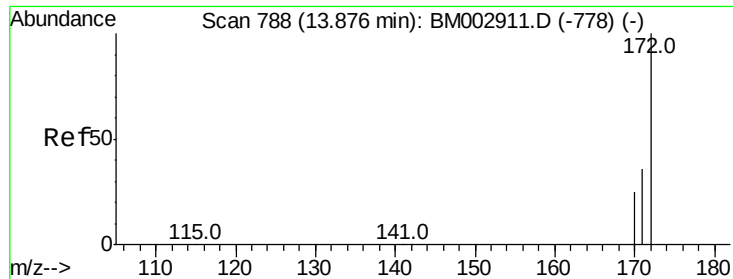
332 97.4 76.6 115.0

141 0.0 0.0 0.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

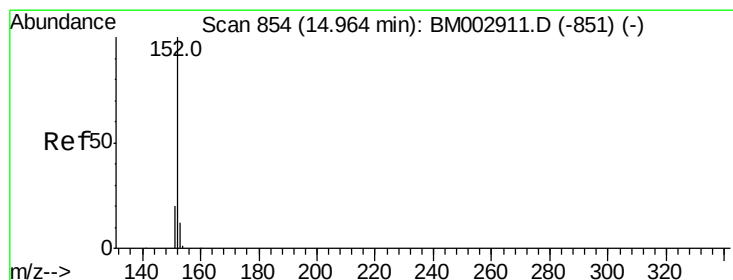
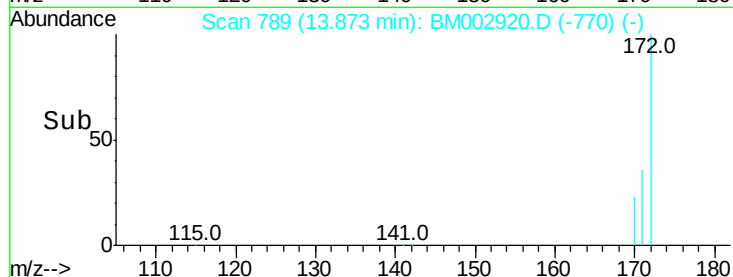
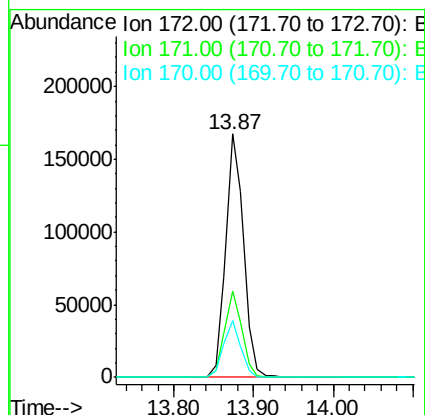
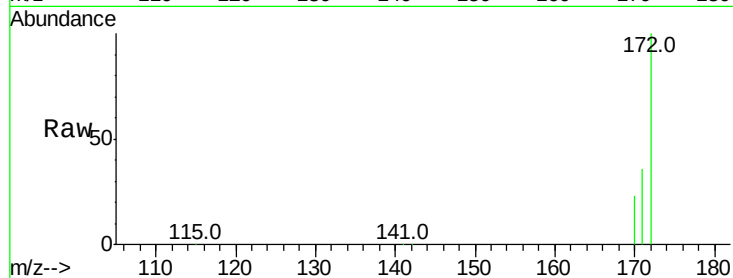




#15
2-Fluorobiphenyl
Concen: 3.96 ng
RT: 13.87 min Scan# 789
Delta R.T. -0.01 min
Lab File: BM002920.D
Acq: 15 Oct 2015 18:45

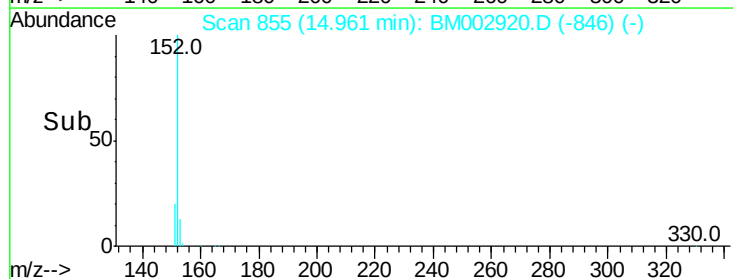
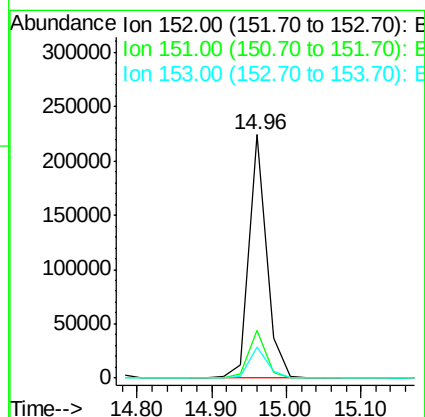
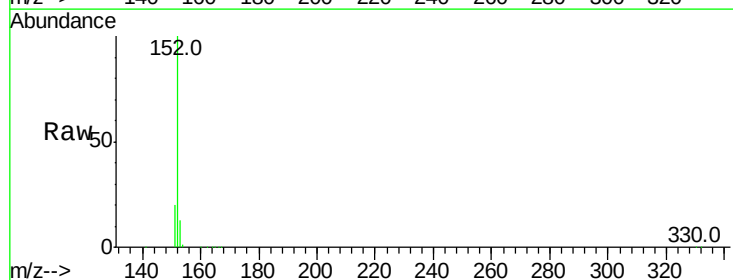
Instrument :
BNA_M
ClientSampleId :
PB86101BS

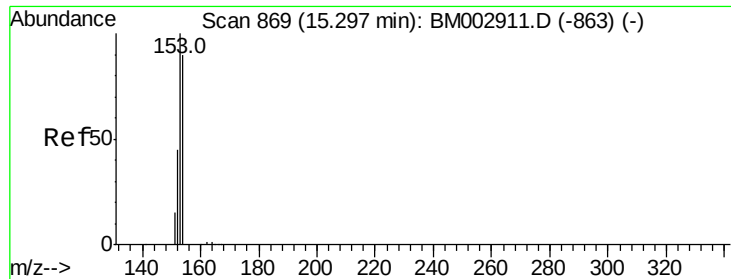
Tot Ion:172 Resp: 260311
Ion Ratio Lower Upper
172 100
171 35.6 26.1 39.1
170 23.4 15.7 23.5



#16
Acenaphthylene
Concen: 4.12 ng
RT: 14.96 min Scan# 855
Delta R.T. -0.01 min
Lab File: BM002920.D
Acq: 15 Oct 2015 18:45

Tgt Ion:152 Resp: 369972
Ion Ratio Lower Upper
152 100
151 19.1 15.3 22.9
153 12.9 10.5 15.7

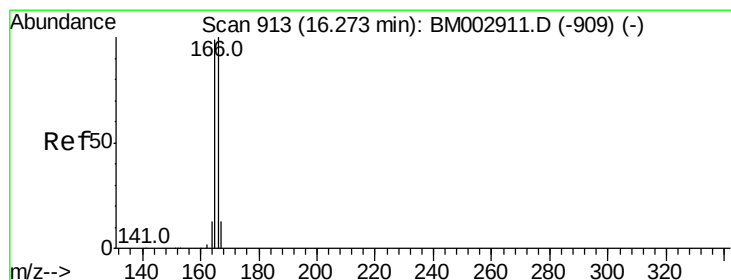
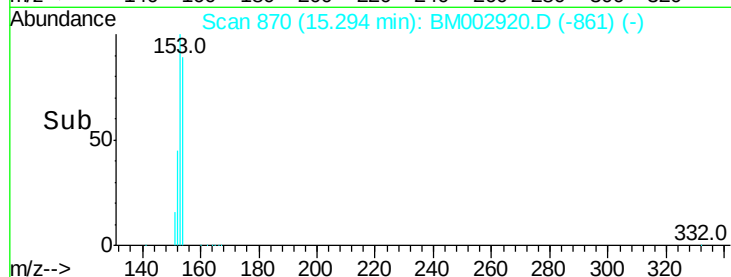
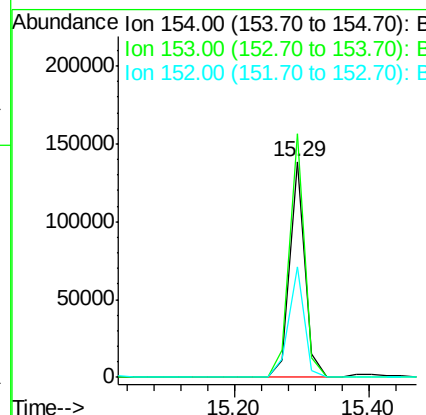
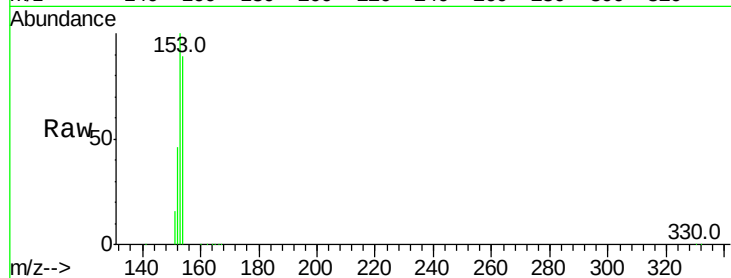




#17
Acenaphthene
Concen: 3.59 ng
RT: 15.29 min Scan# 870
Delta R.T. -0.01 min
Lab File: BM002920.D
Acq: 15 Oct 2015 18:45

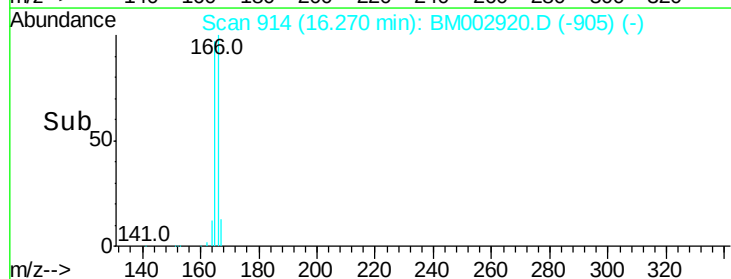
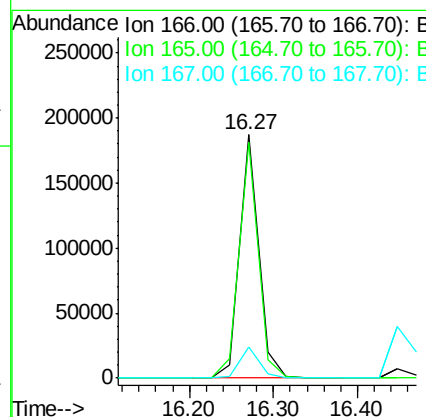
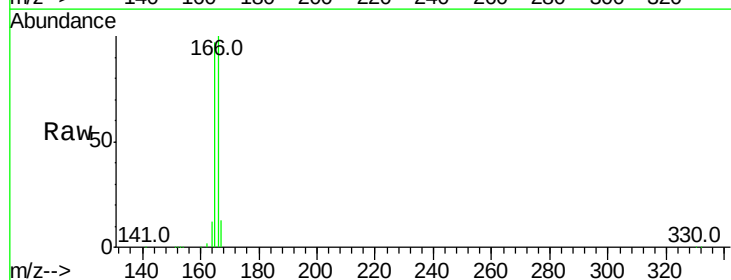
Instrument :
BNA_M
ClientSampleId :
PB86101BS

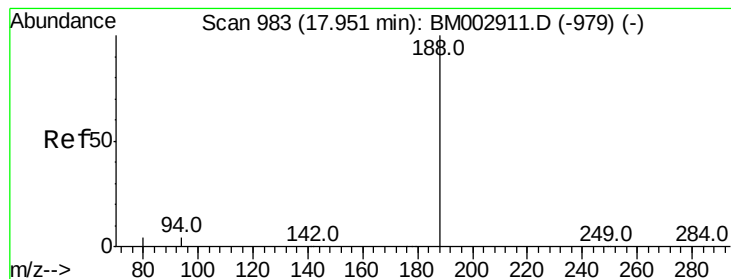
Tot Ion:154 Resp: 220594
Ion Ratio Lower Upper
154 100
153 112.7 0.0 0.0#
152 52.5 0.0 0.0#



#18
Fluorene
Concen: 3.98 ng
RT: 16.27 min Scan# 914
Delta R.T. -0.01 min
Lab File: BM002920.D
Acq: 15 Oct 2015 18:45

Tgt Ion:166 Resp: 291682
Ion Ratio Lower Upper
166 100
165 96.8 77.3 115.9
167 13.4 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: BM002920.D

Acq: 15 Oct 2015 18:45

Instrument :

BNA_M

ClientSampleId :

PB86101BS

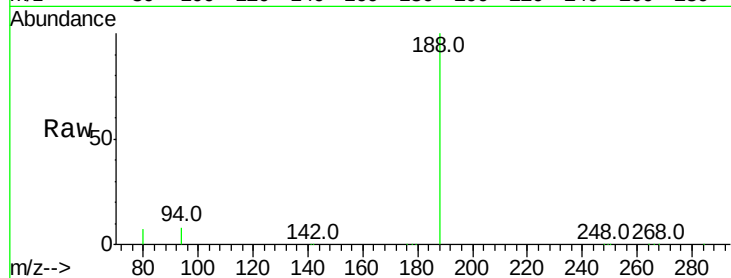
Tot Ion:188 Resp: 512732

Ion Ratio Lower Upper

188 100

94 7.6 15.2 22.8#

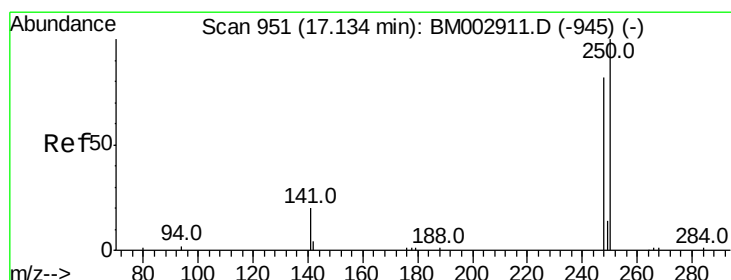
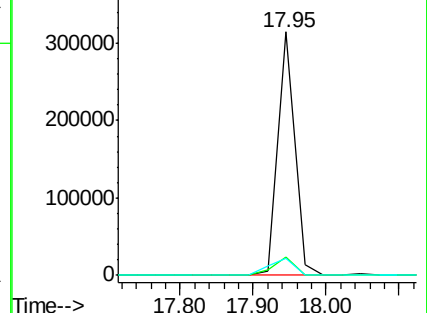
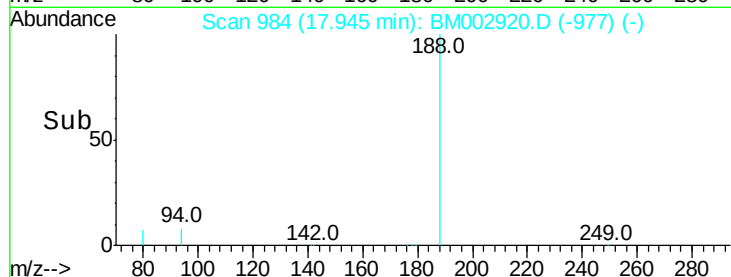
80 6.9 15.9 23.9#



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: 3.84 ng

RT: 17.13 min Scan# 952

Delta R.T. -0.01 min

Lab File: BM002920.D

Acq: 15 Oct 2015 18:45

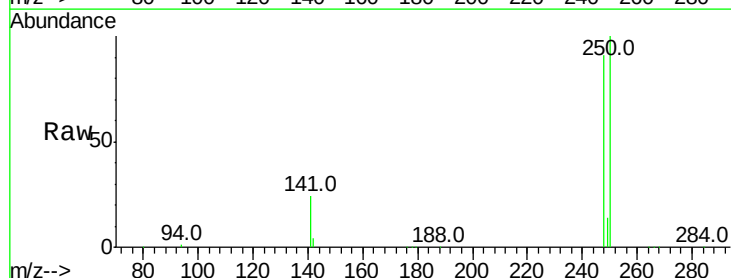
Tgt Ion:248 Resp: 81741

Ion Ratio Lower Upper

248 100

250 106.3 71.4 107.2

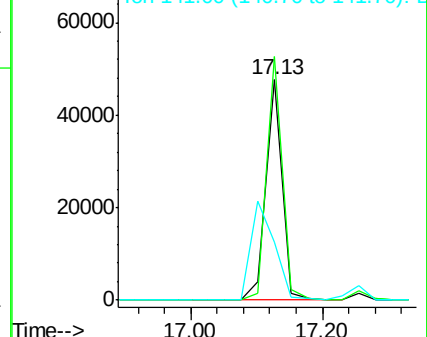
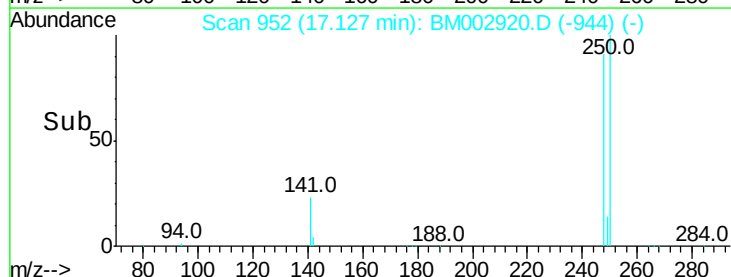
141 0.0 54.6 82.0#

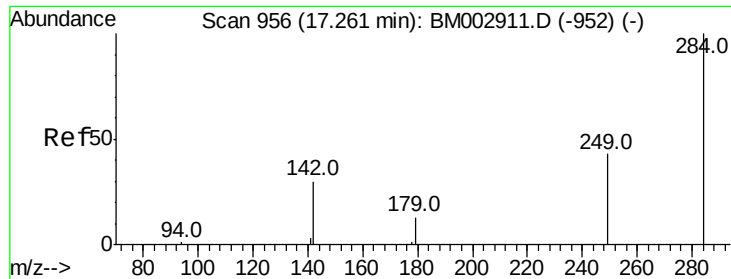


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

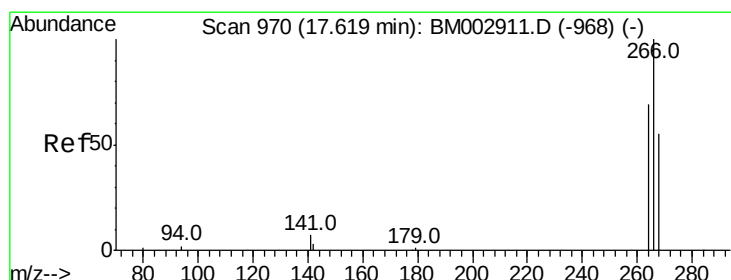
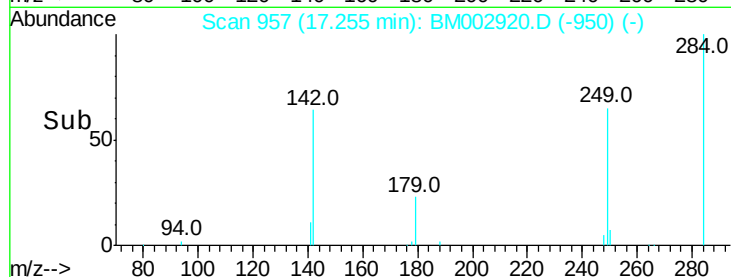
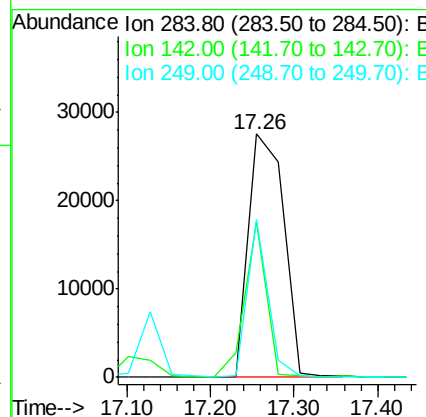
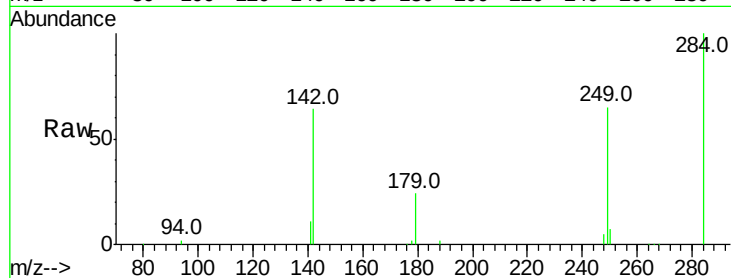




#21
Hexachlorobenzene
Concen: 4.00 ng
RT: 17.26 min Scan# 957
Delta R.T. -0.01 min
Lab File: BM002920.D
Acq: 15 Oct 2015 18:45

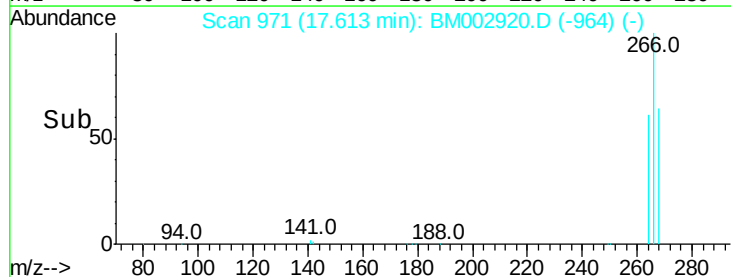
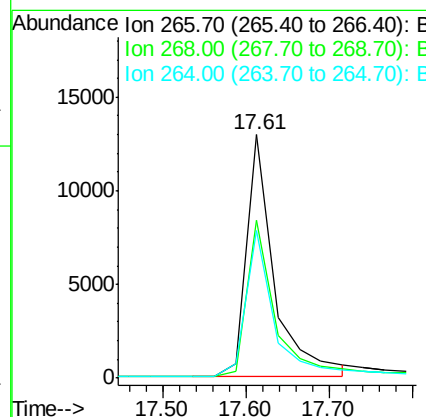
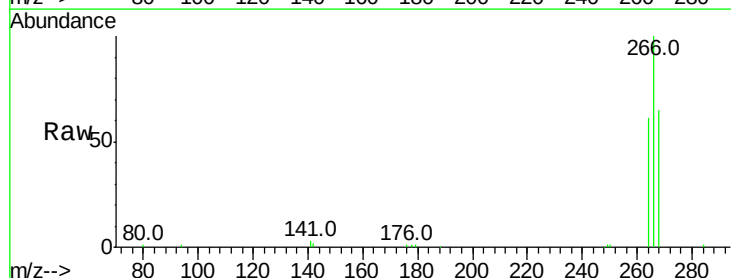
Instrument :
BNA_M
ClientSampleId :
PB86101BS

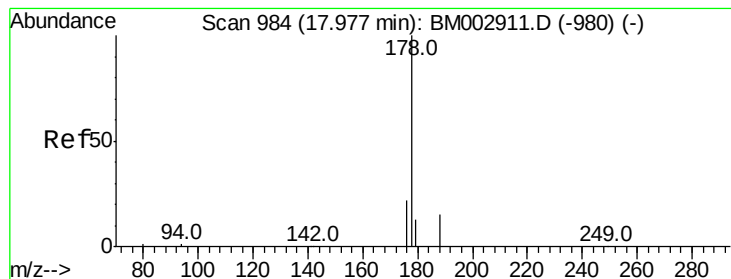
Tot Ion:284 Resp: 80609
Ion Ratio Lower Upper
284 100
142 39.2 0.0 0.0#
249 37.5 20.7 31.1#



#22
Pentachlorophenol
Concen: 12.53 ng
RT: 17.61 min Scan# 971
Delta R.T. -0.01 min
Lab File: BM002920.D
Acq: 15 Oct 2015 18:45

Tgt Ion:266 Resp: 30116
Ion Ratio Lower Upper
266 100
268 64.7 58.3 87.5
264 60.8 54.2 81.2





#23

Phenanthrene

Concen: 3.34 ng

RT: 18.00 min Scan# 986

Delta R.T. 0.02 min

Lab File: BM002920.D

Acq: 15 Oct 2015 18:45

Instrument :

BNA_M

ClientSampleId :

PB86101BS

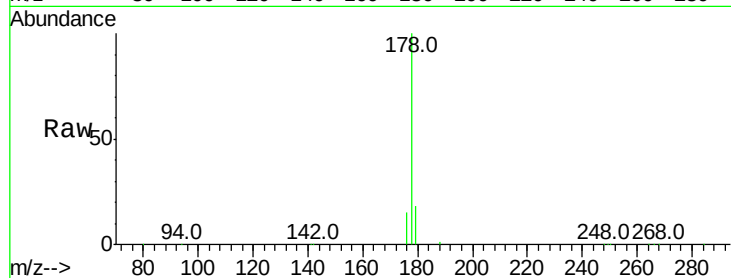
Tot Ion:178 Resp: 399103

Ion Ratio Lower Upper

178 100

176 18.4 14.6 21.8

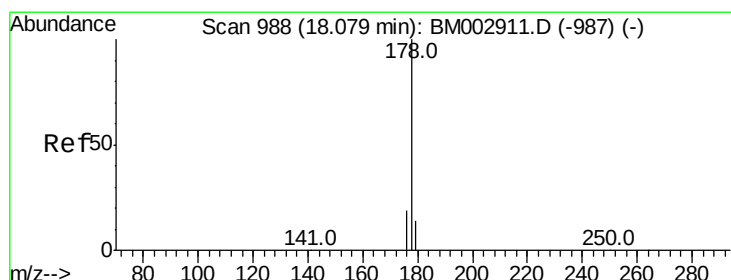
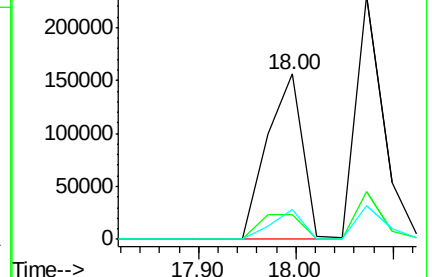
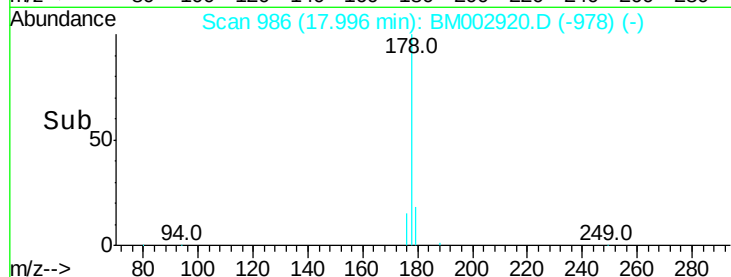
179 15.6 12.5 18.7



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: 3.87 ng

RT: 18.07 min Scan# 989

Delta R.T. -0.01 min

Lab File: BM002920.D

Acq: 15 Oct 2015 18:45

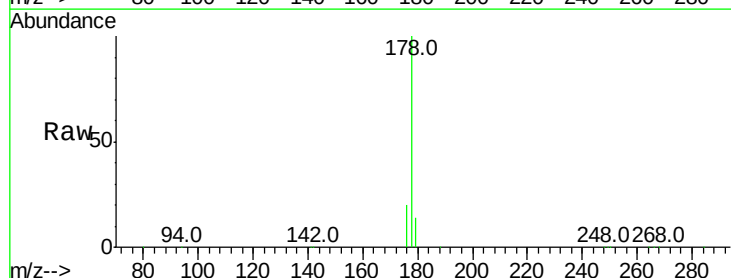
Tgt Ion:178 Resp: 440862

Ion Ratio Lower Upper

178 100

176 18.8 13.9 20.9

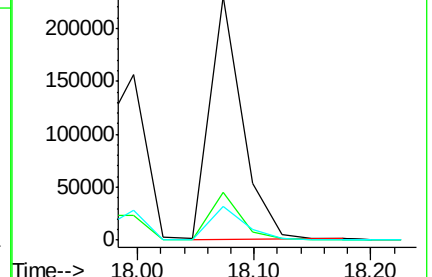
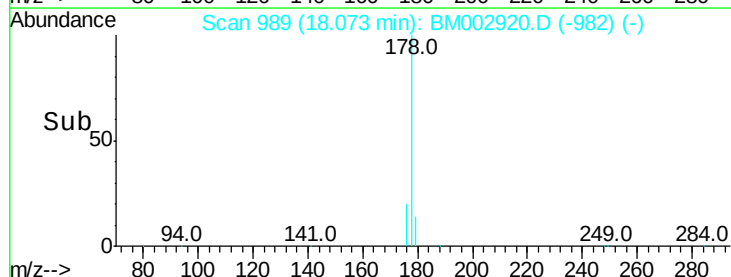
179 14.7 12.6 18.8

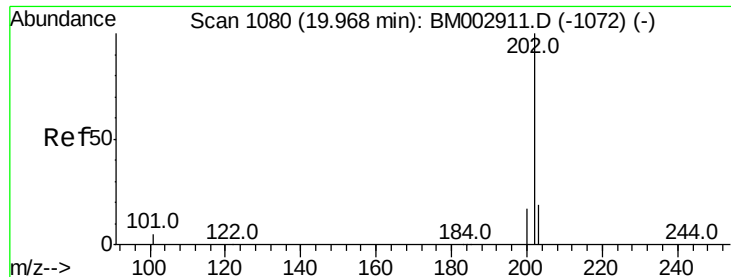


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 3.61 ng

RT: 19.96 min Scan# 1081

Delta R.T. 0.01 min

Lab File: BM002920.D

Acq: 15 Oct 2015 18:45

Instrument :

BNA_M

ClientSampleId :

PB86101BS

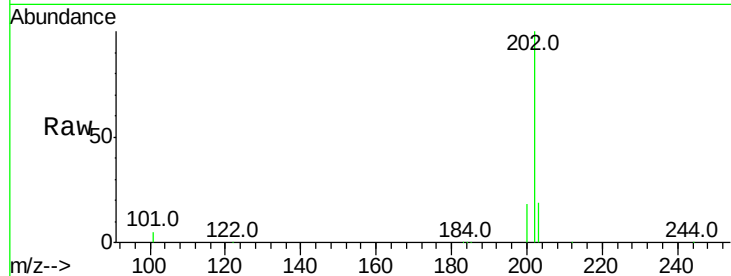
Tot Ion:202 Resp: 476827

Ion Ratio Lower Upper

202 100

101 14.0 11.0 16.6

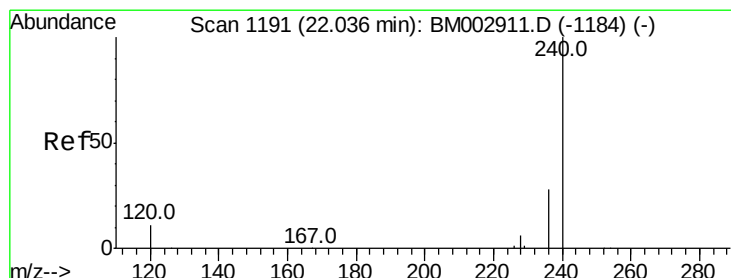
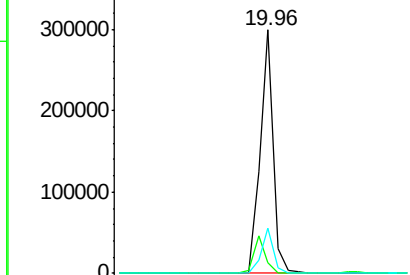
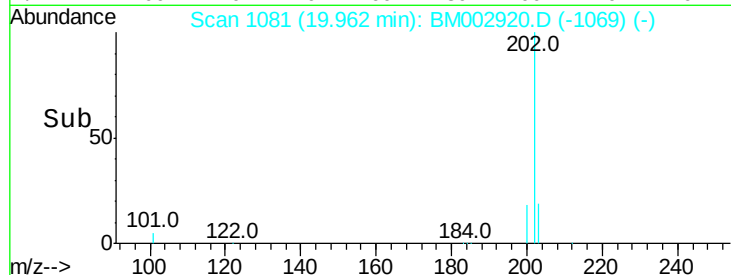
203 17.6 13.8 20.6



Abundance Ion 202.00 (201.70 to 202.70): E

400000 Ion 101.00 (100.70 to 101.70): E

300000 Ion 203.00 (202.70 to 203.70): E



#26

Chrysene-d12

Concen: 5.00 ng

RT: 22.03 min Scan# 1192

Delta R.T. -0.01 min

Lab File: BM002920.D

Acq: 15 Oct 2015 18:45

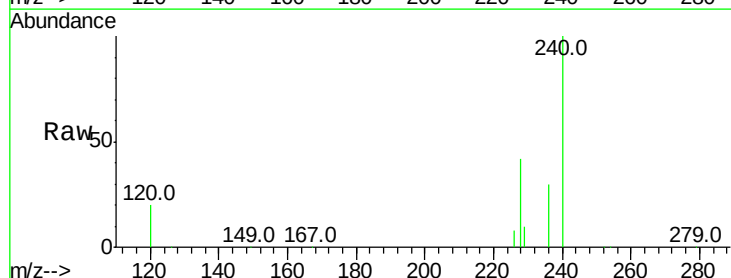
Tgt Ion:240 Resp: 416083

Ion Ratio Lower Upper

240 100

120 19.9 3.3 4.9#

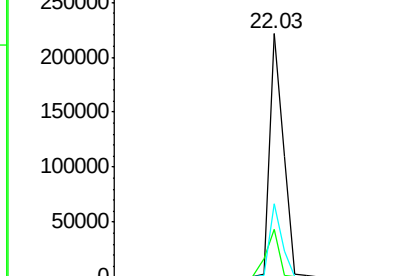
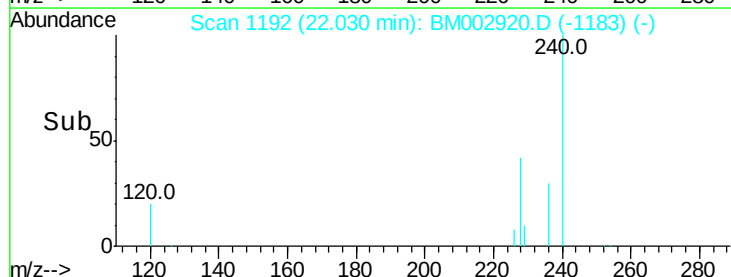
236 30.4 19.5 29.3#

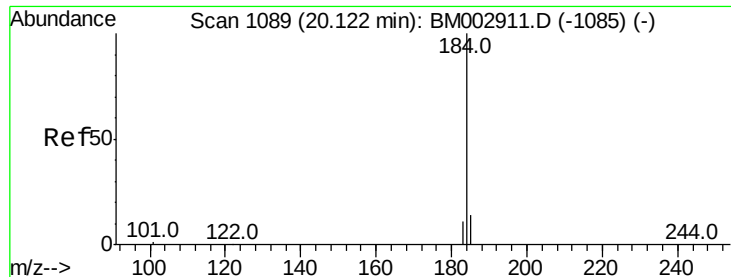


Abundance Ion 240.00 (239.70 to 240.70): E

300000 Ion 120.00 (119.70 to 120.70): E

250000 Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 7.97 ng

RT: 20.12 min Scan# 1090

Delta R.T. -0.01 min

Lab File: BM002920.D

Acq: 15 Oct 2015 18:45

Instrument :

BNA_M

ClientSampleId :

PB86101BS

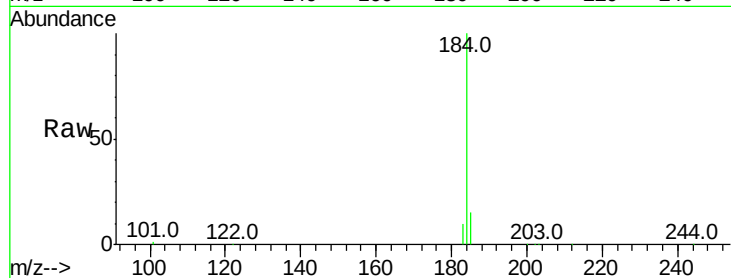
Tot Ion:184 Resp: 490284

Ion Ratio Lower Upper

184 100

185 15.4 12.0 18.0

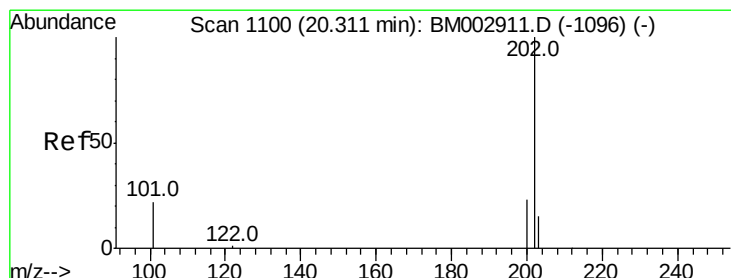
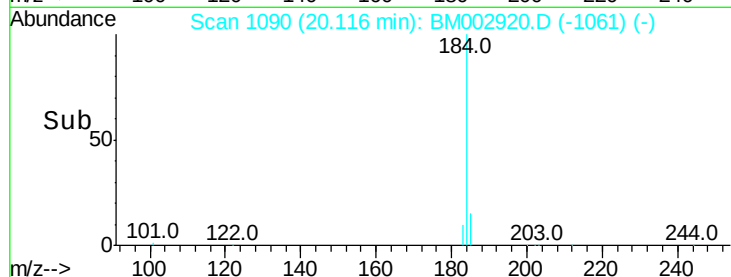
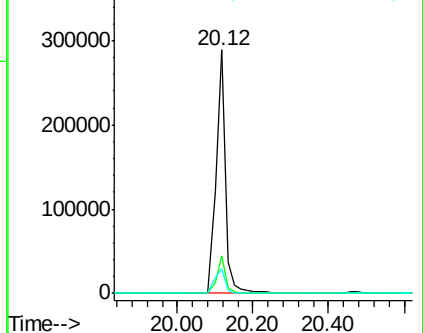
183 10.0 8.9 13.3



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

Pyrene

Concen: 4.09 ng

RT: 20.32 min Scan# 1102

Delta R.T. 0.01 min

Lab File: BM002920.D

Acq: 15 Oct 2015 18:45

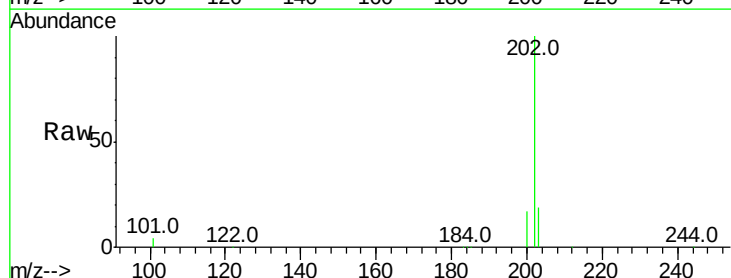
Tgt Ion:202 Resp: 502269

Ion Ratio Lower Upper

202 100

200 20.4 16.2 24.4

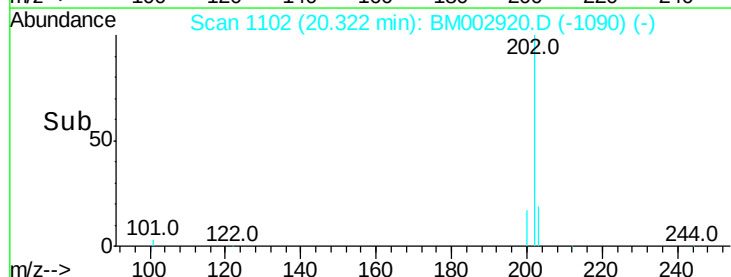
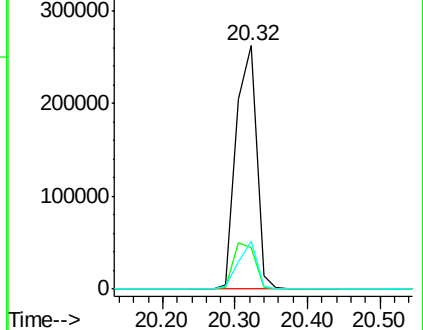
203 17.9 13.8 20.8

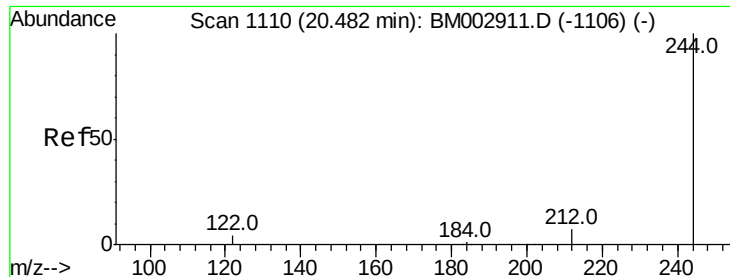


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 3.99 ng

RT: 20.48 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BM002920.D

Acq: 15 Oct 2015 18:45

Instrument :

BNA_M

ClientSampleId :

PB86101BS

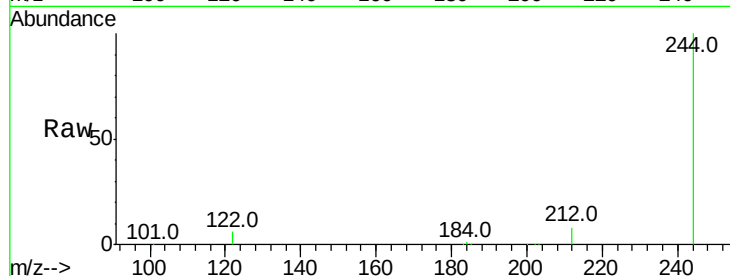
Tot Ion:244 Resp: 248358

Ion Ratio Lower Upper

244 100

212 8.1 5.6 8.4

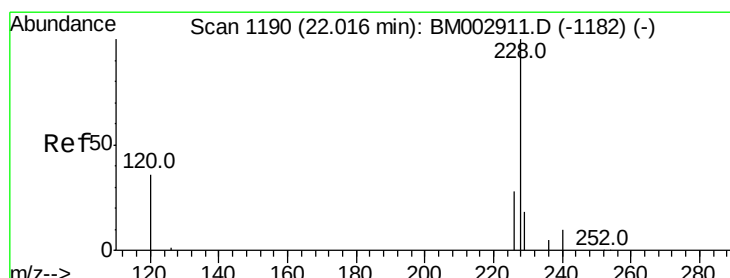
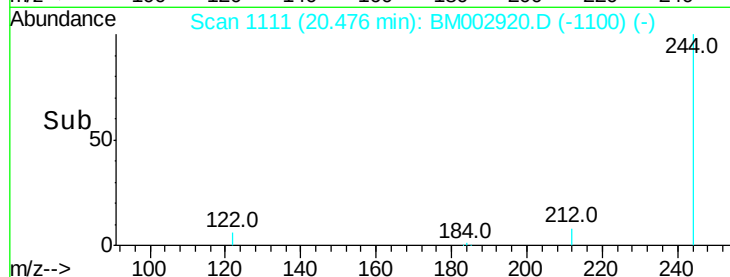
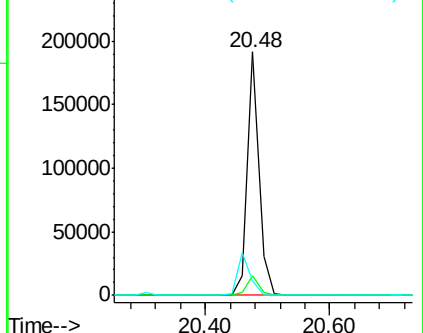
122 6.2 2.2 3.2#



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: 3.89 ng

RT: 22.01 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BM002920.D

Acq: 15 Oct 2015 18:45

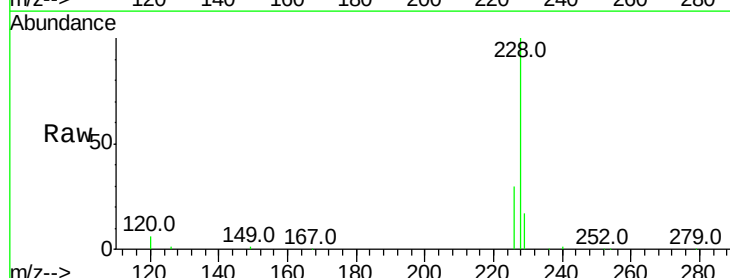
Tgt Ion:228 Resp: 467715

Ion Ratio Lower Upper

228 100

226 29.7 19.0 28.6#

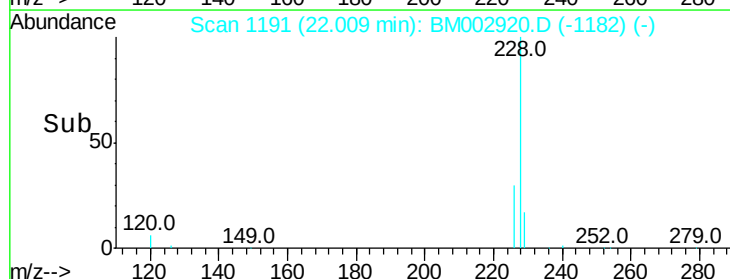
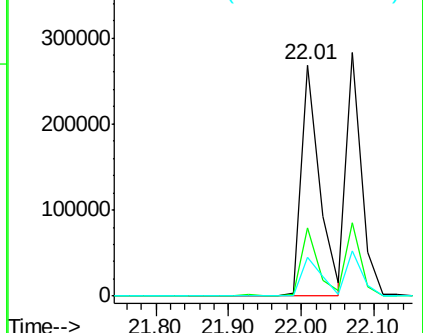
229 16.9 16.8 25.2

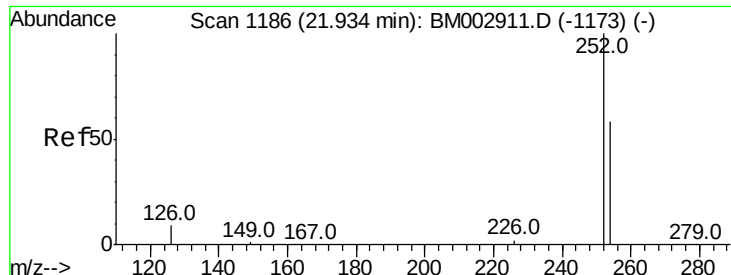


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

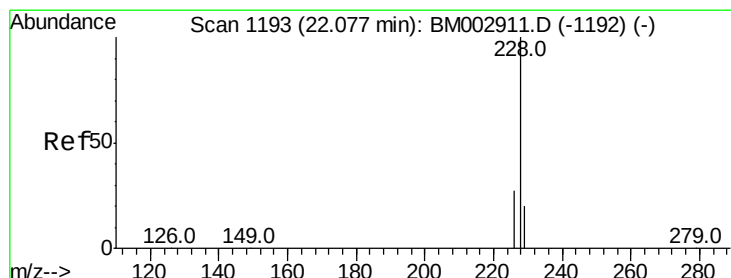
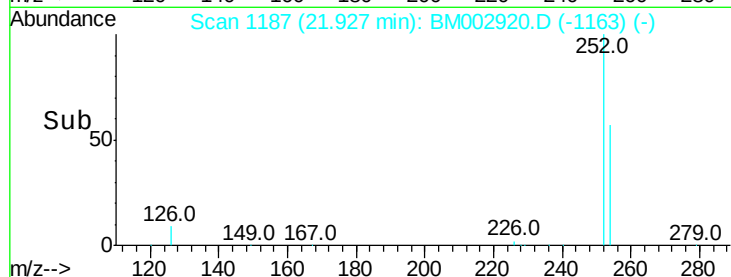
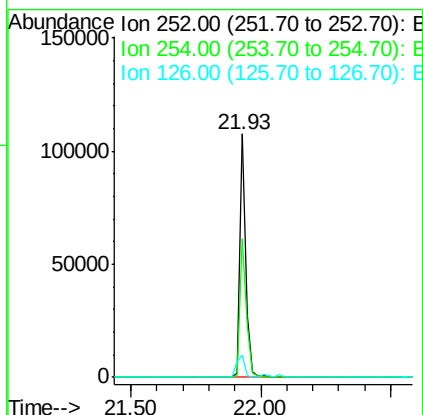
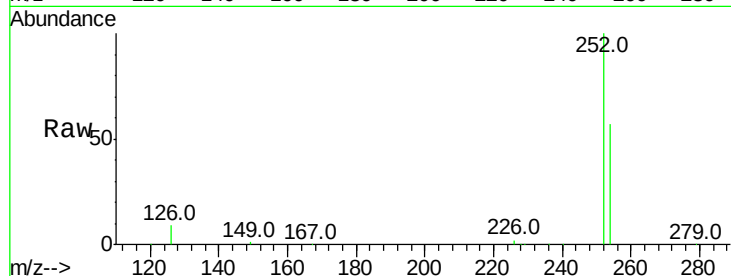




#31
 3,3'-Dichlorobenzidine
 Concen: 4.29 ng
 RT: 21.93 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BM002920.D
 Acq: 15 Oct 2015 18:45

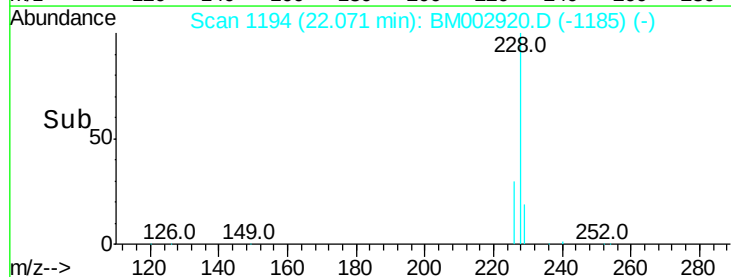
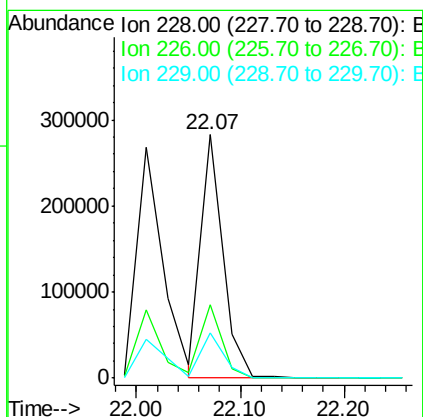
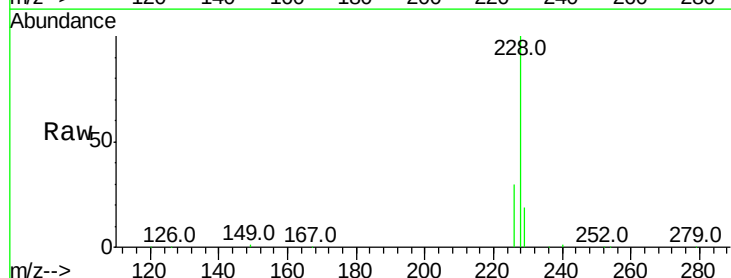
Instrument :
 BNA_M
 ClientSampleId :
 PB86101BS

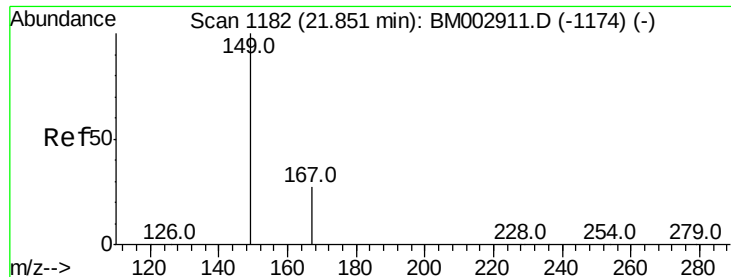
Tot Ion:252 Resp: 174579
 Ion Ratio Lower Upper
 252 100
 254 57.0 54.1 81.1
 126 9.0 4.1 6.1#



#32
 Chrysene
 Concen: 3.68 ng
 RT: 22.07 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BM002920.D
 Acq: 15 Oct 2015 18:45

Tgt Ion:228 Resp: 413380
 Ion Ratio Lower Upper
 228 100
 226 30.2 20.6 30.8
 229 18.6 17.4 26.2





#33

Bis(2-ethylhexyl)phthalate

Concen: 3.29 ng

RT: 21.85 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BM002920.D

Acq: 15 Oct 2015 18:45

Instrument :

BNA_M

ClientSampleId :

PB86101BS

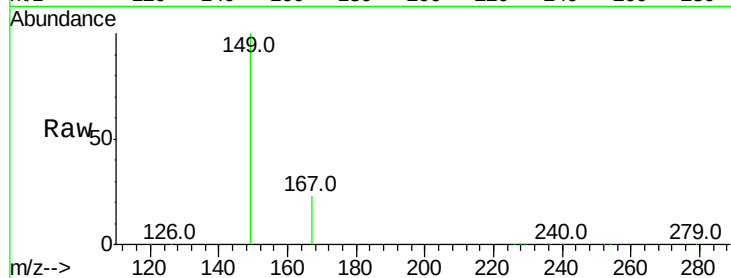
Tot Ion:149 Resp: 295687

Ion Ratio Lower Upper

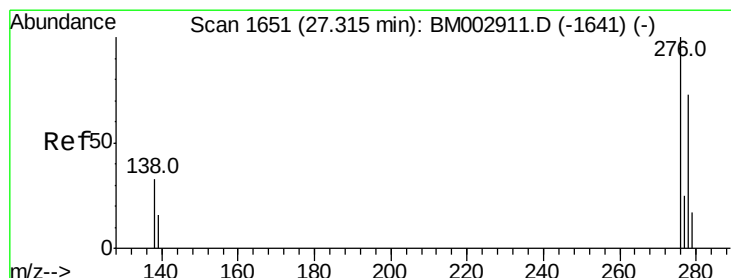
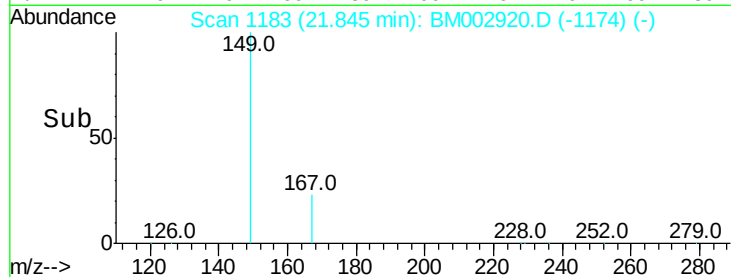
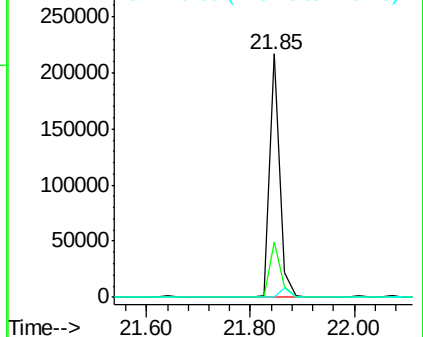
149 100

167 24.7 17.2 25.8

279 0.0 2.2 3.4#



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: 3.67 ng

RT: 27.30 min Scan# 1651

Delta R.T. -0.01 min

Lab File: BM002920.D

Acq: 15 Oct 2015 18:45

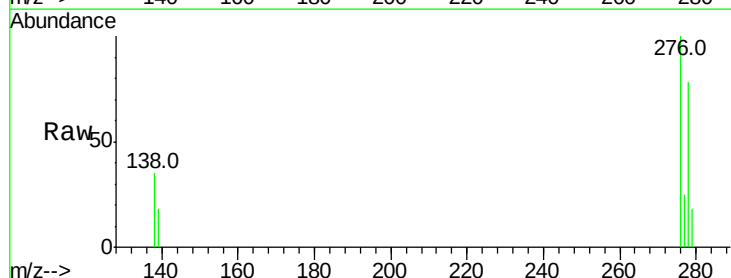
Tgt Ion:276 Resp: 425004

Ion Ratio Lower Upper

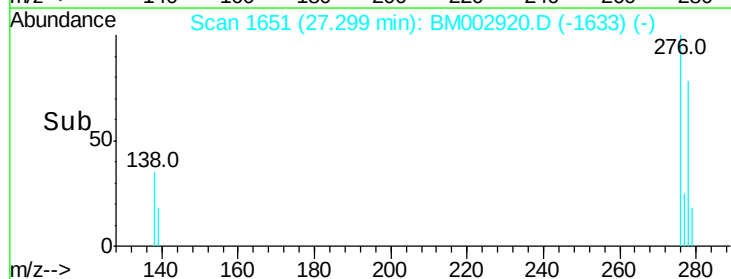
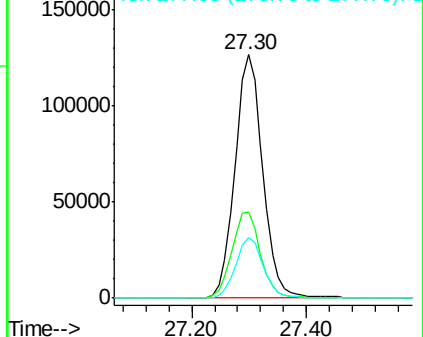
276 100

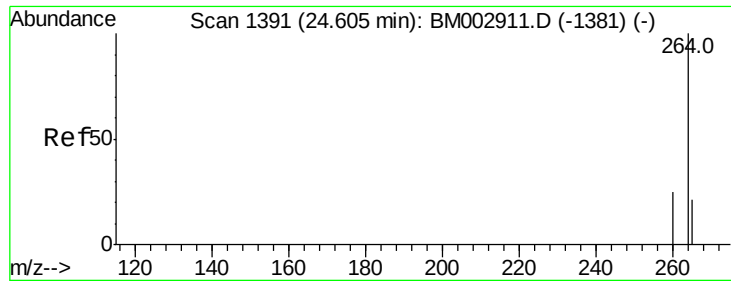
138 36.4 29.0 43.6

277 24.8 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



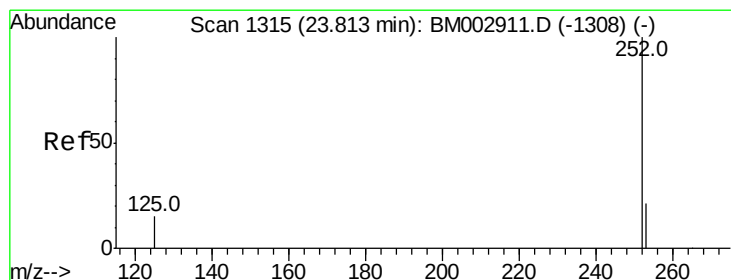
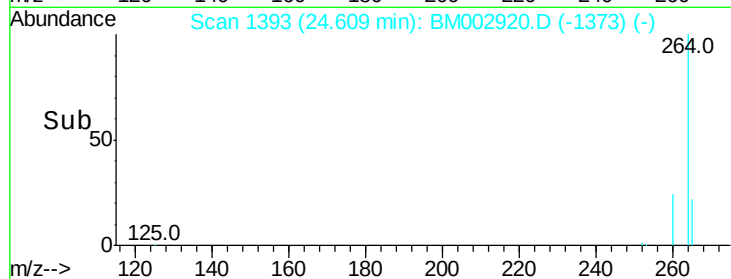
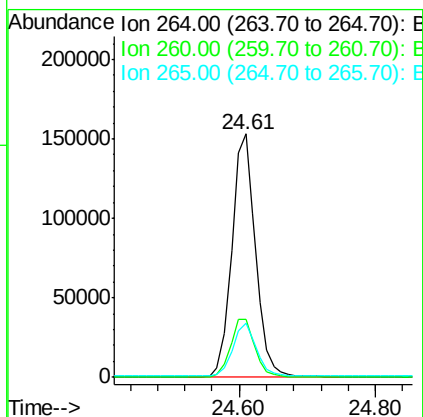
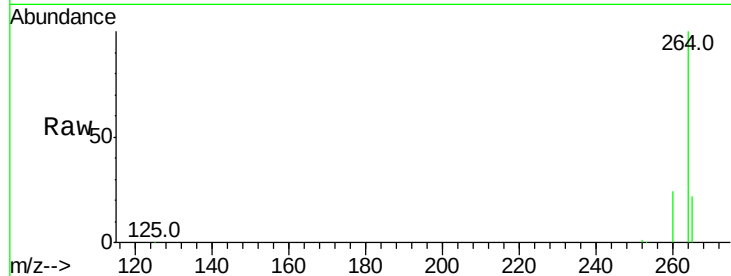


#35
Pervlene-d12
Concen: 5.00 ng
RT: 24.61 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BM002920.D
Acq: 15 Oct 2015 18:45

Instrument :
BNA_M
ClientSampleId :
PB86101BS

Tot Ion:264 Resp: 369443

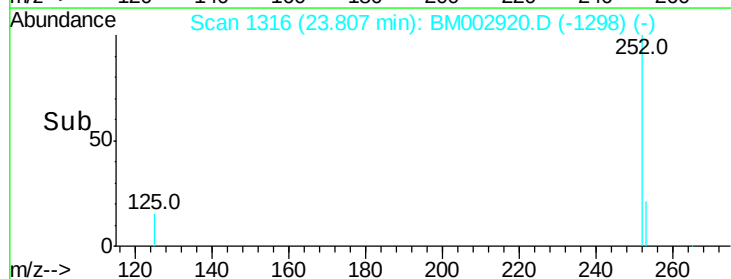
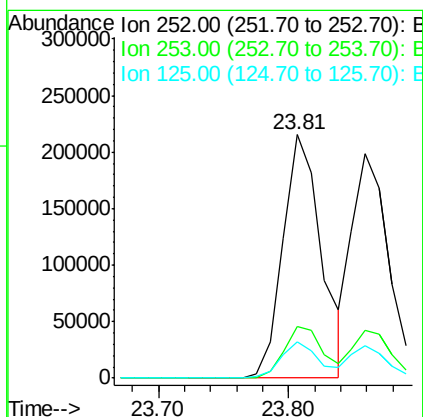
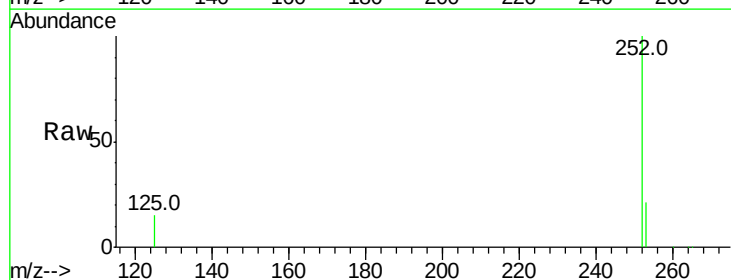
Ion	Ratio	Lower	Upper
264	100		
260	24.1	20.1	30.1
265	22.2	17.6	26.4

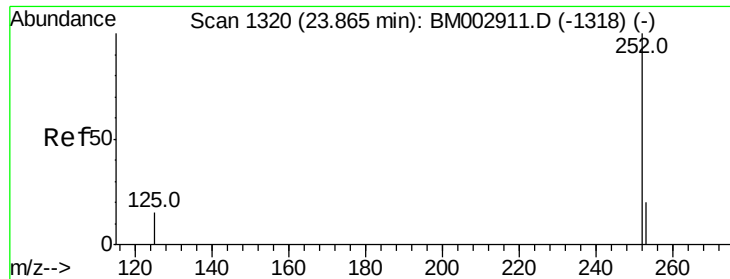


#36
Benzo(b)fluoranthene
Concen: 4.15 ng
RT: 23.81 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BM002920.D
Acq: 15 Oct 2015 18:45

Tgt Ion:252 Resp: 439555

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.5	26.3
125	14.7	12.4	18.6

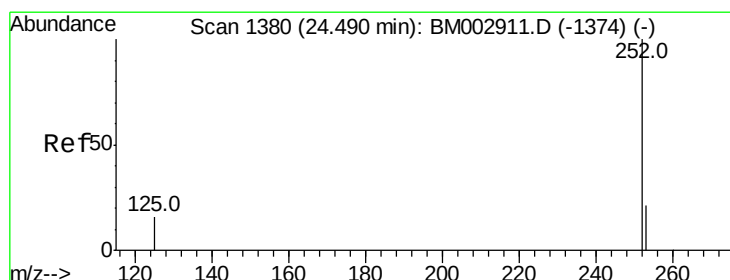
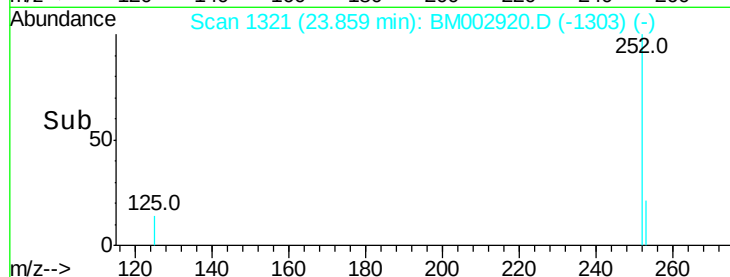
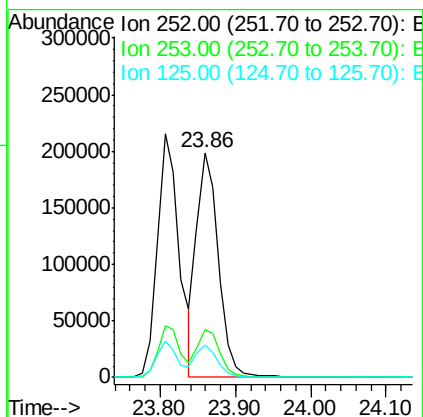
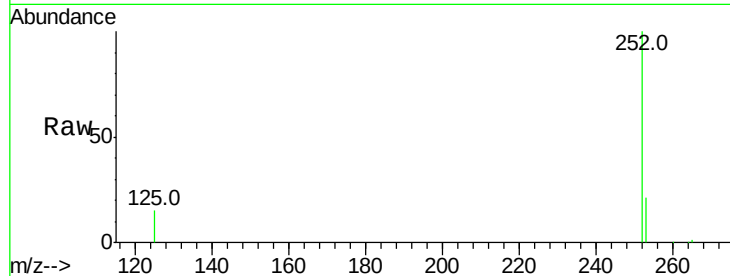




#37
Benzo(k)fluoranthene
Concen: 3.77 ng
RT: 23.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BM002920.D
Acq: 15 Oct 2015 18:45

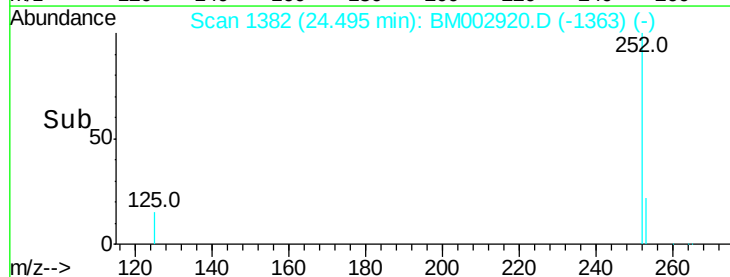
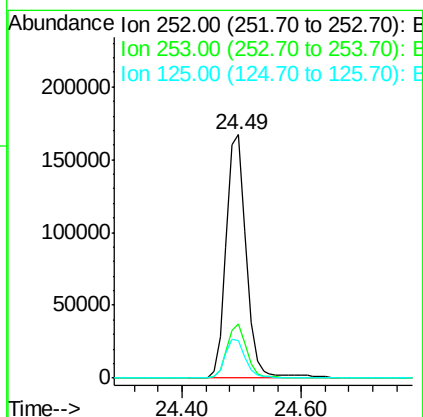
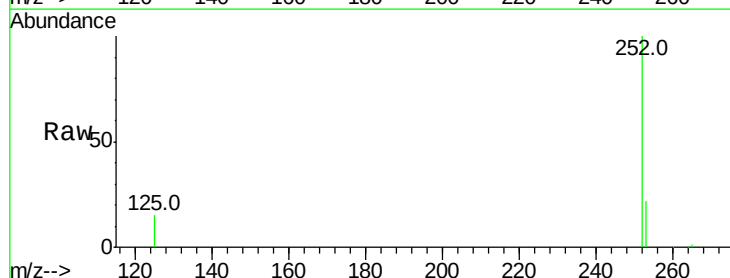
Instrument :
BNA_M
ClientSampleId :
PB86101BS

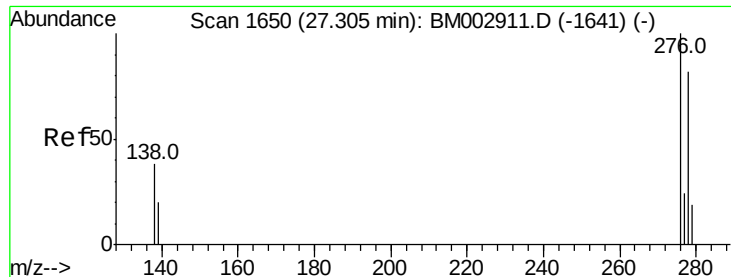
Tot Ion:252 Resp: 391532
Ion Ratio Lower Upper
252 100
253 21.2 17.9 26.9
125 14.5 12.3 18.5



#38
Benzo(a)pyrene
Concen: 4.13 ng
RT: 24.49 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BM002920.D
Acq: 15 Oct 2015 18:45

Tgt Ion:252 Resp: 387253
Ion Ratio Lower Upper
252 100
253 22.4 18.4 27.6
125 15.2 13.3 19.9





#39

Dibenzo(a,h)anthracene

Concen: 3.84 ng

RT: 27.30 min Scan# 1651

Delta R.T. -0.01 min

Lab File: BM002920.D

Acq: 15 Oct 2015 18:45

Instrument :

BNA_M

ClientSampleId :

PB86101BS

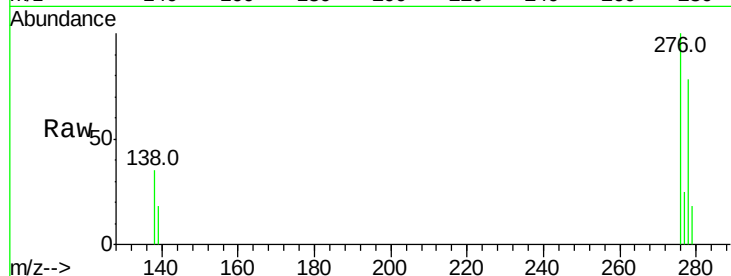
Tot Ion:278 Resp: 344303

Ion Ratio Lower Upper

278 100

139 22.8 19.8 29.6

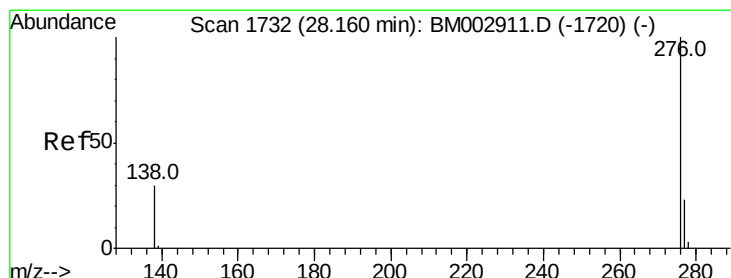
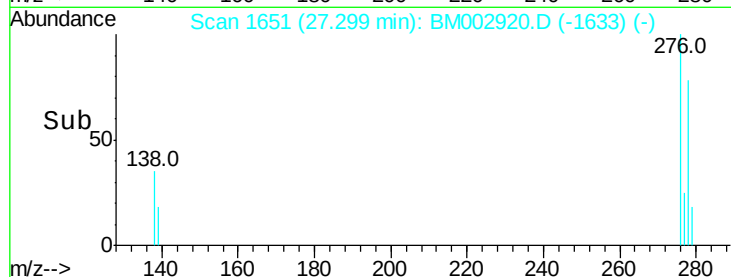
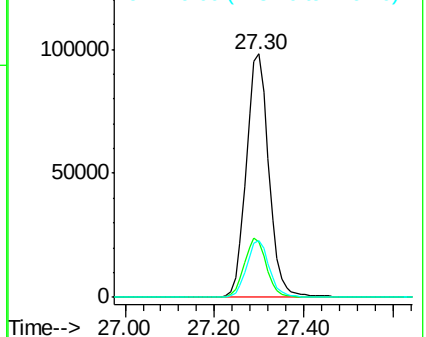
279 23.5 19.1 28.7



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(g,h,i)perylene

Concen: 3.78 ng

RT: 28.14 min Scan# 1732

Delta R.T. -0.01 min

Lab File: BM002920.D

Acq: 15 Oct 2015 18:45

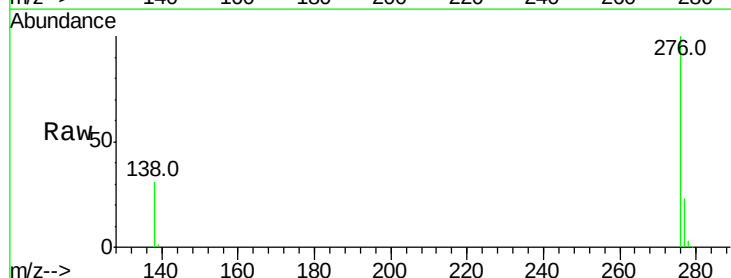
Tgt Ion:276 Resp: 354829

Ion Ratio Lower Upper

276 100

277 23.5 19.4 29.0

138 30.9 24.4 36.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

