

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051917\
 Data File : BM010091.D
 Acq On : 20 May 2017 04:25
 Operator : SJ/MA
 Sample : I3177-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 20 05:00:50 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051917.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 20 04:25:49 2017
 Response via : Initial Calibration

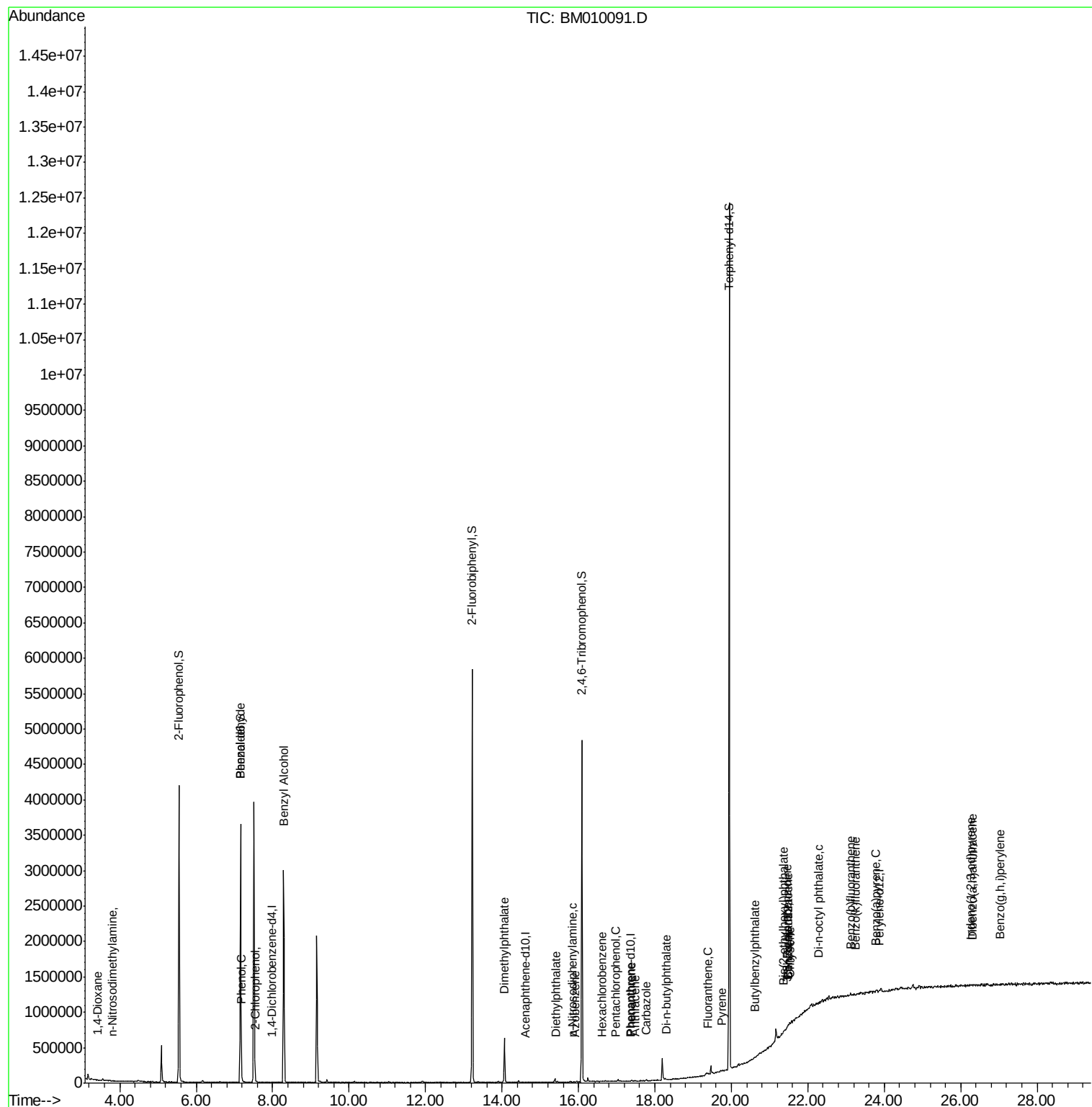
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	2289	20.00	ng	0.00
21) Naphthalene-d8	0.00	136	0	0.00	ng	-10.79
38) Acenaphthene-d10	14.60	164	111	20.00	ng	0.00
63) Phenanthrene-d10	17.36	188	138	20.00	ng	0.00
75) Chrysene-d12	21.50	240	1411	20.00	ng	-0.01
86) Perylene-d12	23.88	264	389	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1558779	12297.58	ng	0.00
7) Phenol-d6	7.16	99	1948518	11946.53	ng	-0.01
23) Nitrobenzene-d5	9.16	82	1176582	0.00	ng	-0.01
41) 2,4,6-Tribromophenol	16.09	330	879707	521814.88	ng	0.00
44) 2-Fluorobiphenyl	13.22	172	2827337	327452.38	ng	-0.01
78) Terphenyl-d14	19.94	244	4866828	78428.19	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.42	88	419	7.19	ng	# 100
4) n-Nitrosodimethylamine	3.80	42	473	8.39	ng	# 1
8) 2-Chlorophenol	7.55	128	811	5.88	ng	# 1
9) Benzaldehyde	7.16	77	6275	61.80	ng	# 58
10) Phenol	7.19	94	44004	256.01	ng	# 90
15) Benzyl Alcohol	8.29	79	25087	203.29	ng	# 50
49) Dimethylphthalate	14.06	163	393129	39704.86	ng	# 99
59) Diethylphthalate	15.42	149	567	60.57	ng	# 58
62) Azobenzene	15.91	77	167	24.26	ng	# 50
65) n-Nitrosodiphenylamine	15.85	169	106	25.63	ng	# 24
67) Hexachlorobenzene	16.60	284	152	70.82	ng	# 47
69) Pentachlorophenol	16.98	266	109	92.46	ng	# 19
70) Phenanthrene	17.39	178	5970	773.21	ng	# 97
71) Anthracene	17.47	178	1787	233.22	ng	# 45
72) Carbazole	17.76	167	827	121.90	ng	# 59
73) Di-n-butylphthalate	18.32	149	533	66.27	ng	# 78
74) Fluoranthene	19.39	202	7983	796.31	ng	# 93
77) Pyrene	19.76	202	7344	97.08	ng	# 90
79) Butylbenzylphthalate	20.62	149	896	32.00	ng	# 55
80) Benzo(a)anthracene	21.49	228	6461	83.09	ng	# 94
81) 3,3'-Dichlorobenzidine	21.46	252	575	18.38	ng	# 54
82) Chrysene	21.54	228	6063	82.21	ng	# 89
83) Bis(2-ethylhexyl)phthalate	21.38	149	5315	126.92	ng	# 70
84) Di-n-octyl phthalate	22.29	149	1400	18.67	ng	# 1
85) Indeno(1,2,3-cd)pyrene	26.27	276	1496	13.83	ng	# 100
87) Benzo(b)fluoranthene	23.14	252	4645	204.03	ng	# 10
88) Benzo(k)fluoranthene	23.25	252	367	16.45	ng	# 1
89) Benzo(a)pyrene	23.77	252	6567	302.71	ng	# 1
90) Dibenzo(a,h)anthracene	26.31	278	442	18.22	ng	# 1
91) Benzo(g,h,i)perylene	27.04	276	4129	173.71	ng	# 82

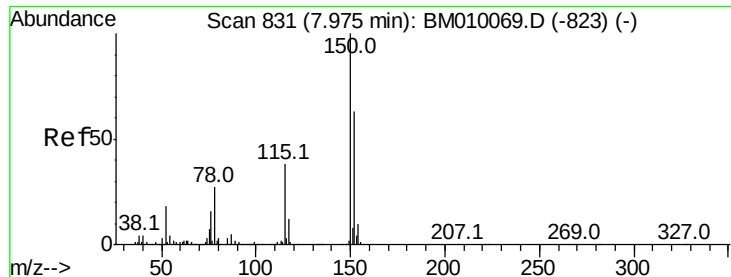
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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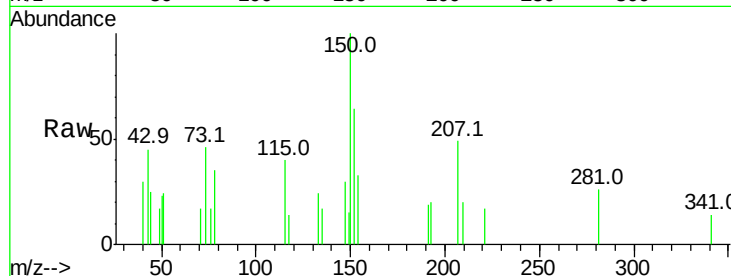


#1

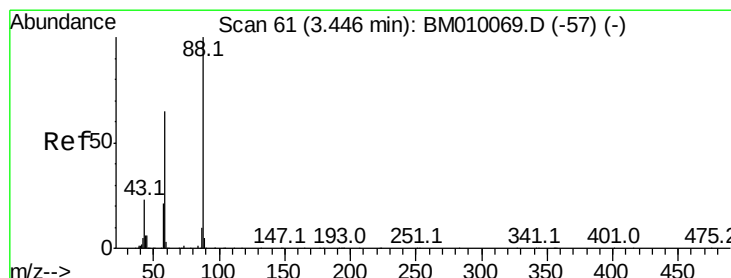
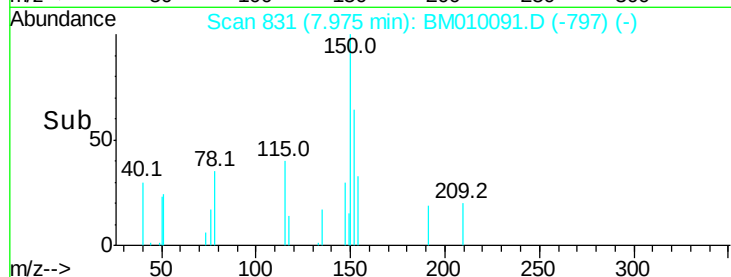
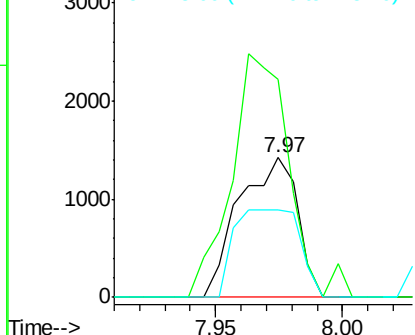
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BM010091.D
Acq: 20 May 2017 04:25

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 2289
Ion Ratio Lower Upper
152 100
150 156.4 119.5 179.3
115 62.9 43.0 64.4



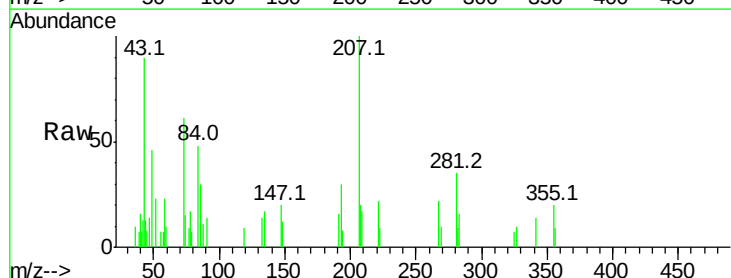
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



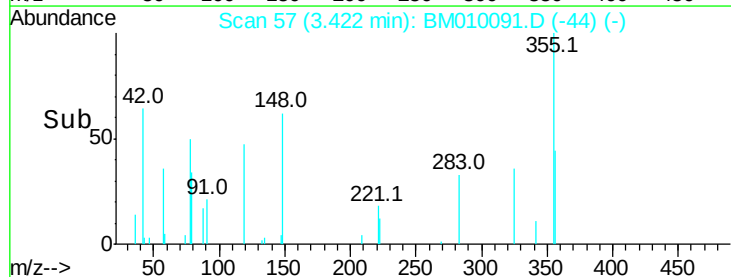
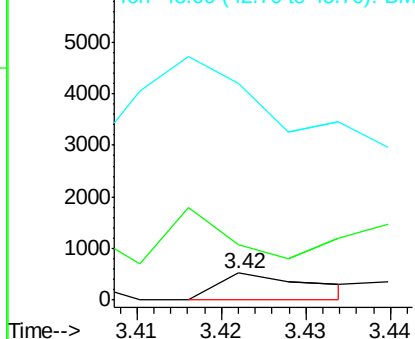
#2

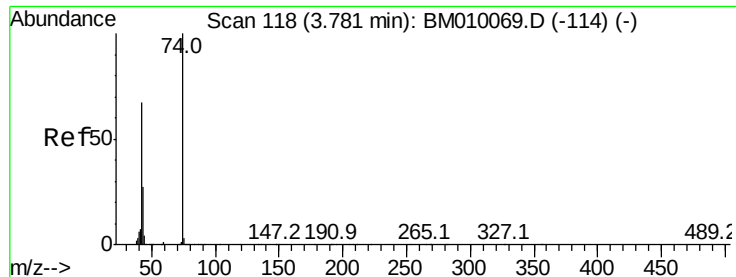
1,4-Dioxane
Concen: 7.19 ng
RT: 3.42 min Scan# 57
Delta R.T. -0.02 min
Lab File: BM010091.D
Acq: 20 May 2017 04:25

Tgt Ion: 88 Resp: 419
Ion Ratio Lower Upper
88 100
58 130.3 0.0 0.0#
43 481.6 0.0 0.0#



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





#4

n-Nitrosodimethylamine

Concen: 8.39 ng

RT: 3.80 min Scan# 121

Delta R.T. 0.02 min

Lab File: BM010091.D

Acq: 20 May 2017 04:25

Instrument :

BNA_M

ClientSampleId :

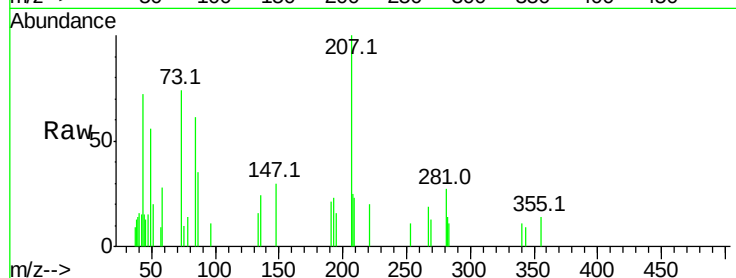
Tot Ion: 42 Resp: 473

Ion Ratio Lower Upper

42 100

74 0.0 119.3 178.9#

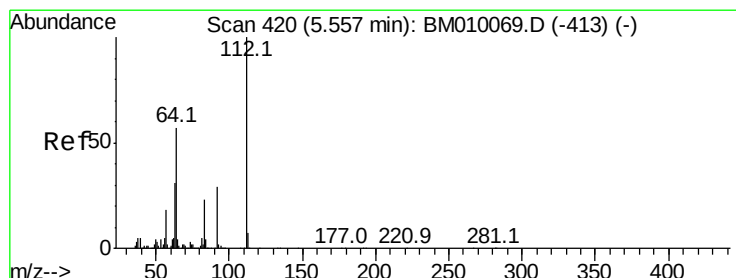
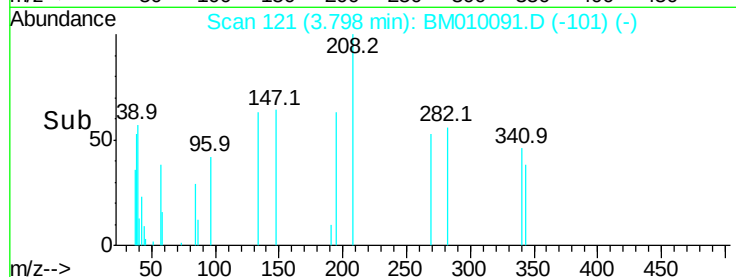
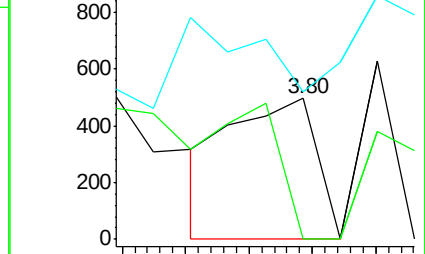
44 104.4 5.4 8.2#



Abundance Ion 42.00 (41.70 to 42.70): BM010091.D (-114) (-)

Ion 74.00 (73.70 to 74.70): BM010091.D (-114) (-)

Ion 44.00 (43.70 to 44.70): BM010091.D (-114) (-)



#5

2-Fluorophenol

Concen: 12297.58 ng

RT: 5.55 min Scan# 419

Delta R.T. -0.01 min

Lab File: BM010091.D

Acq: 20 May 2017 04:25

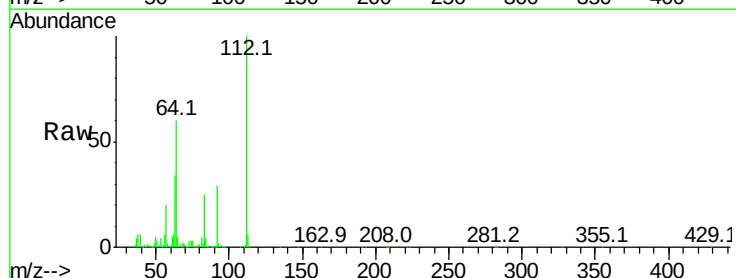
Tgt Ion: 112 Resp: 1558779

Ion Ratio Lower Upper

112 100

64 60.4 38.6 57.8#

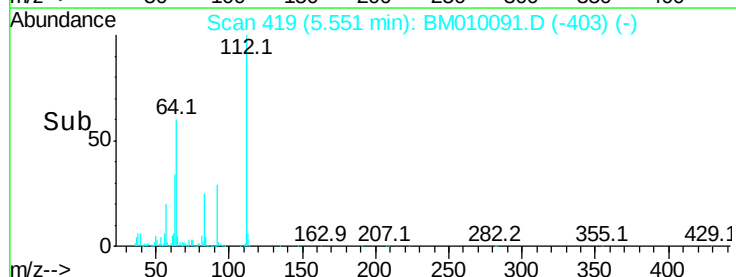
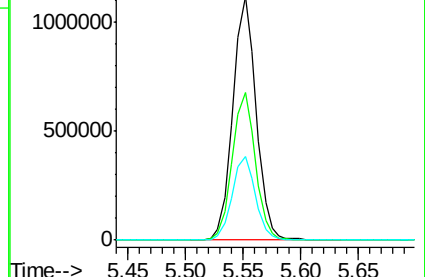
63 34.5 19.3 28.9#

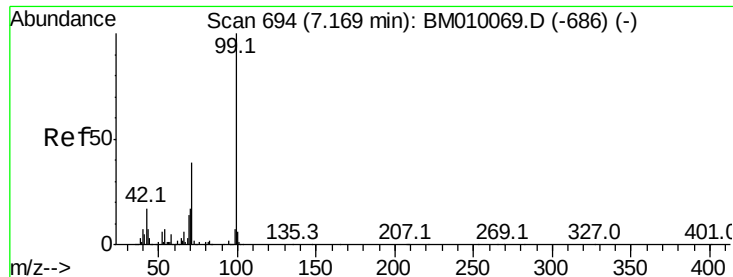


Abundance Ion 112.00 (111.70 to 112.70): BM010091.D (-413) (-)

Ion 64.00 (63.70 to 64.70): BM010091.D (-413) (-)

Ion 63.00 (62.70 to 63.70): BM010091.D (-413) (-)





#7

Phenol-d6

Concen: 11946.53 ng

RT: 7.16 min Scan# 692

Delta R.T. -0.01 min

Lab File: BM010091.D

Acq: 20 May 2017 04:25

Instrument :

BNA_M

ClientSampleId :

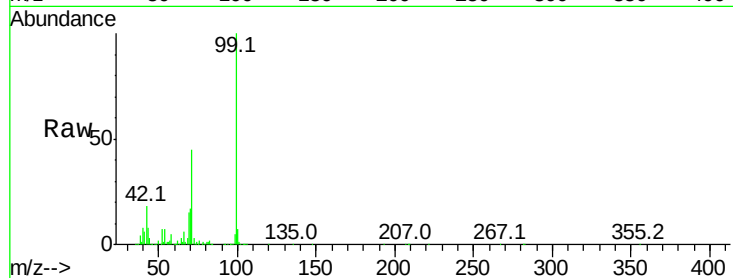
Tot Ion: 99 Resp: 1948518

Ion Ratio Lower Upper

99 100

42 17.8 11.0 16.4#

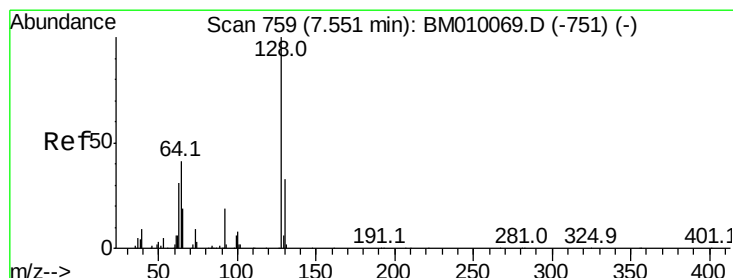
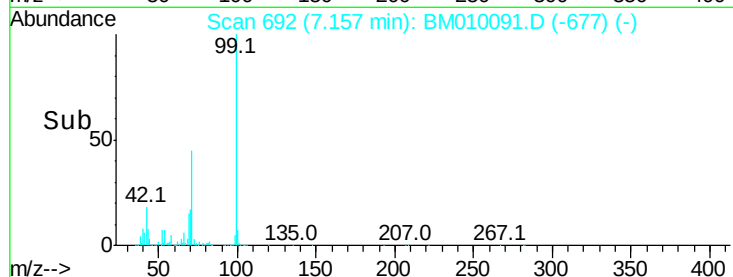
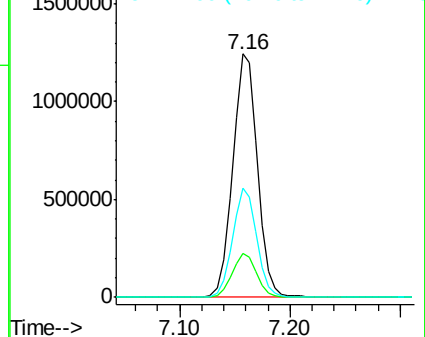
71 44.8 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010069.D (-686) (-)

Ion 42.00 (41.70 to 42.70): BM010069.D (-686) (-)

Ion 71.00 (70.70 to 71.70): BM010069.D (-686) (-)



#8

2-Chlorophenol

Concen: 5.88 ng

RT: 7.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BM010091.D

Acq: 20 May 2017 04:25

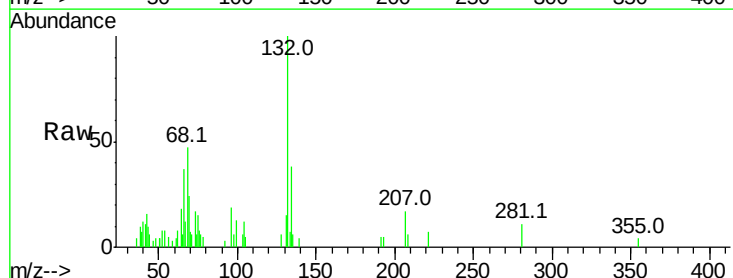
Tgt Ion: 128 Resp: 811

Ion Ratio Lower Upper

128 100

130 0.0 12.0 52.0#

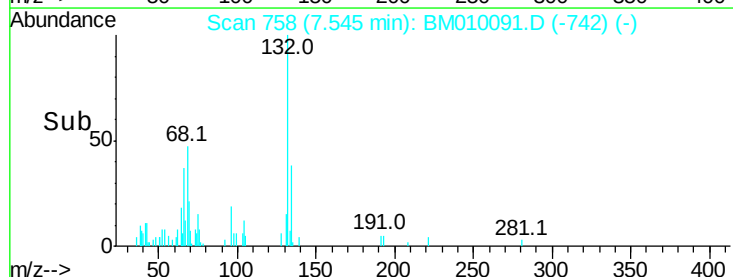
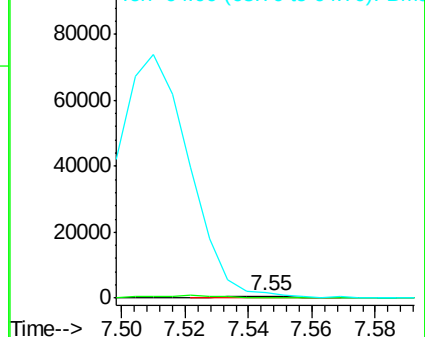
64 288.5 24.9 64.9#

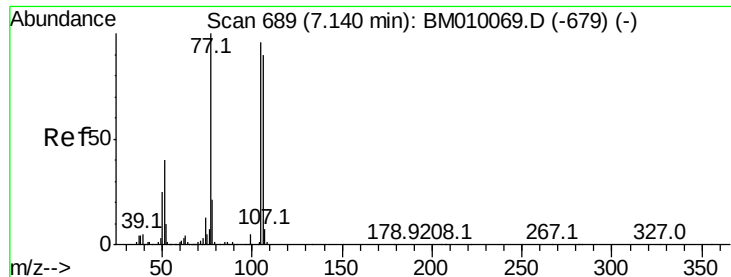


Abundance Ion 128.00 (127.70 to 128.70): BM010069.D (-751) (-)

Ion 130.00 (129.70 to 130.70): BM010069.D (-751) (-)

Ion 64.00 (63.70 to 64.70): BM010069.D (-751) (-)





#9

Benzaldehyde

Concen: 61.80 ng

RT: 7.16 min Scan# 692

Delta R.T. 0.02 min

Lab File: BM010091.D

Acq: 20 May 2017 04:25

Instrument :

BNA_M

ClientSampleId :

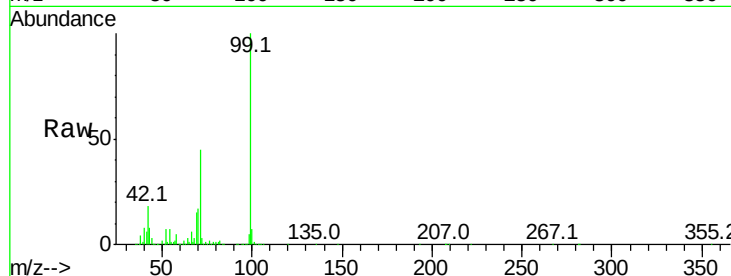
Tot Ion: 77 Resp: 6275

Ion Ratio Lower Upper

77 100

105 95.1 78.8 118.8

106 13.7 73.7 113.7#



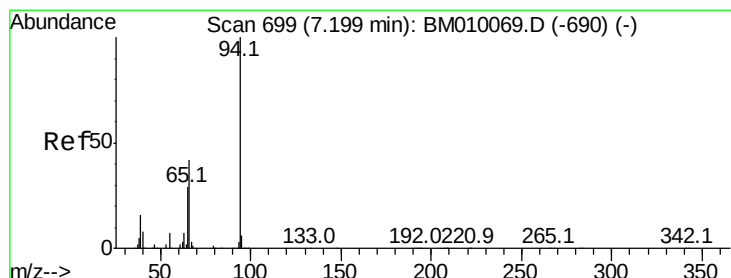
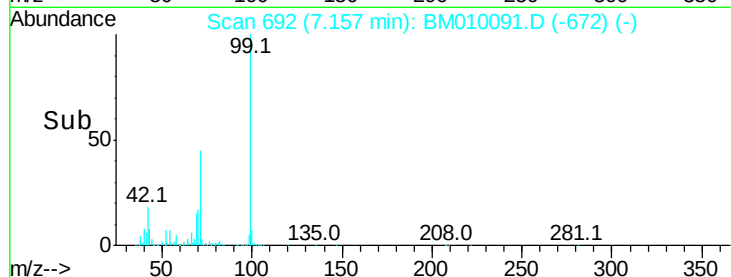
Abundance Ion 77.00 (76.70 to 77.70): BM010069.D (-679) (-)

Ion 105.00 (104.70 to 105.70): BM010069.D (-679) (-)

Ion 106.00 (105.70 to 106.70): BM010069.D (-679) (-)

7.16

Time-->



#10

Phenol

Concen: 256.01 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.01 min

Lab File: BM010091.D

Acq: 20 May 2017 04:25

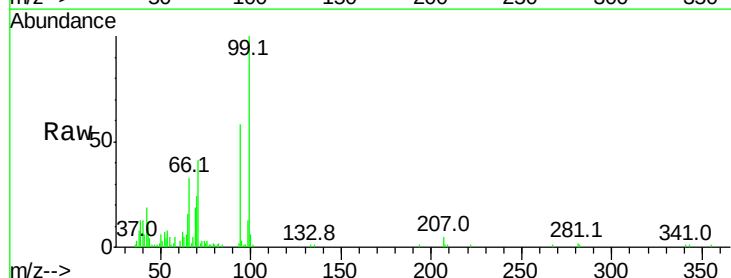
Tgt Ion: 94 Resp: 44004

Ion Ratio Lower Upper

94 100

65 28.1 18.8 58.8

66 56.4 39.9 79.9



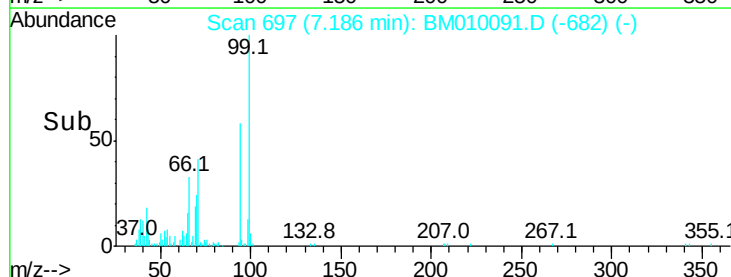
Abundance Ion 94.00 (93.70 to 94.70): BM010069.D (-690) (-)

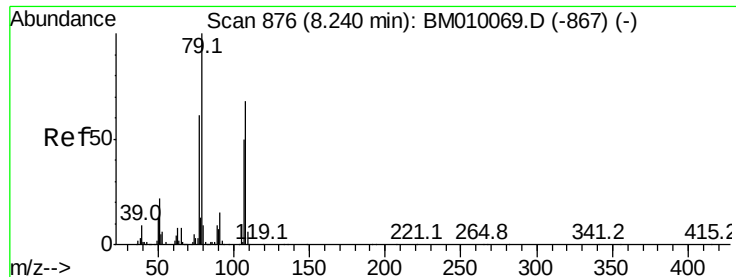
Ion 65.00 (64.70 to 65.70): BM010069.D (-690) (-)

Ion 66.00 (65.70 to 66.70): BM010069.D (-690) (-)

7.19

Time-->





#15

Benzyl Alcohol

Concen: 203.29 ng

RT: 8.29 min Scan# 884

Delta R.T. 0.05 min

Lab File: BM010091.D

Acq: 20 May 2017 04:25

Instrument :

BNA_M

ClientSampled :

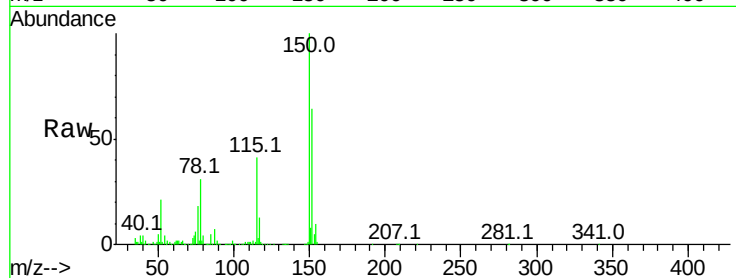
Tot Ion: 79 Resp: 25087

Ion Ratio Lower Upper

79 100

108 43.8 65.0 97.4#

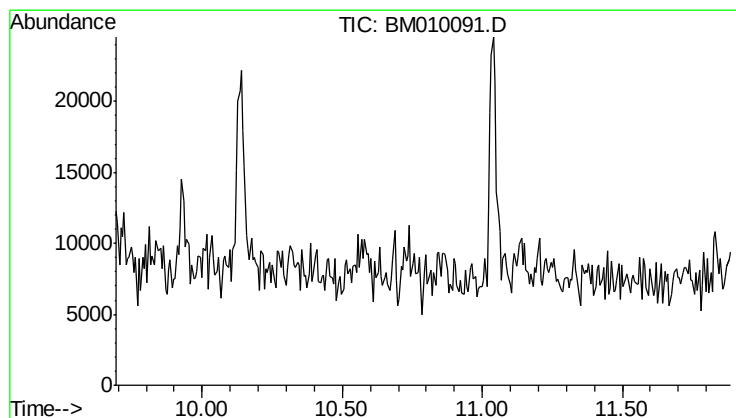
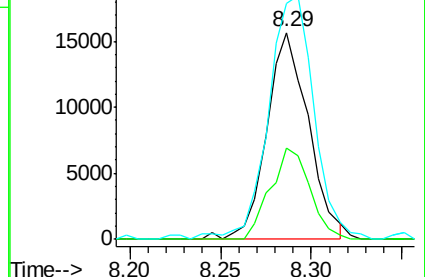
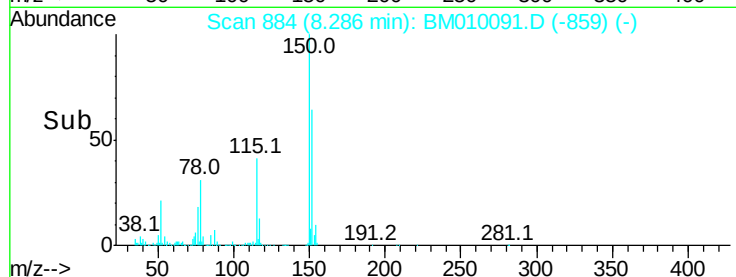
77 113.7 53.0 79.6#



Abundance Ion 79.00 (78.70 to 79.70): BM010091.D

Ion 108.00 (107.70 to 108.70): BM010091.D

Ion 77.00 (76.70 to 77.70): BM010091.D



#21

Naphthalene-d8

Concen: 0.00 ng

Expected RT: 10.79 min

Lab File: BM010091.D

Acq: 20 May 2017 04:25

Tgt Ion: 136

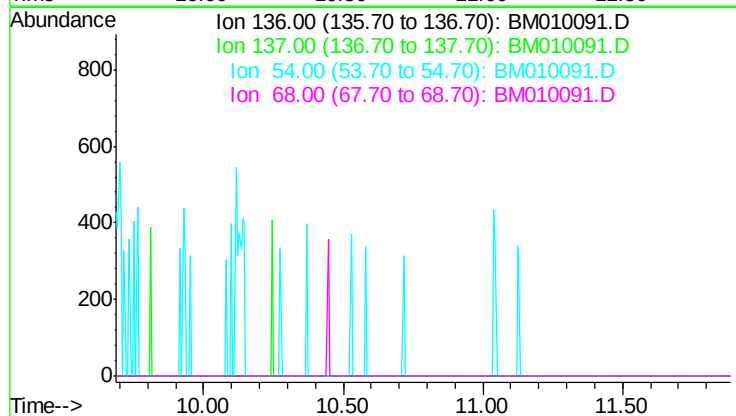
Sig Exp Ratio

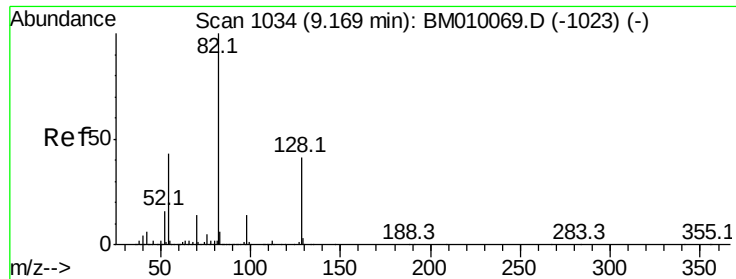
136 100

137 10.9

54 5.7

68 4.6

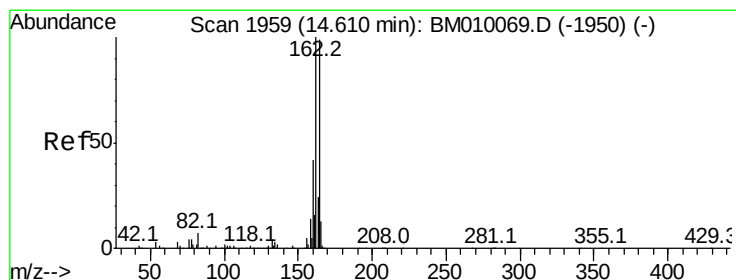
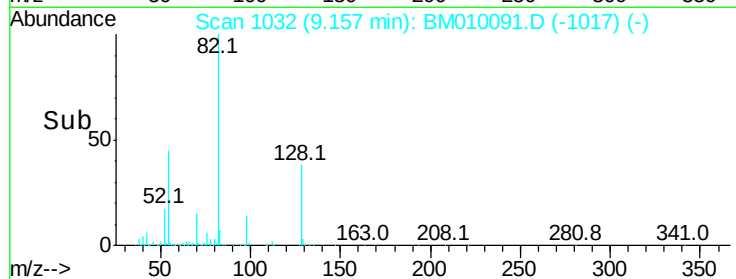
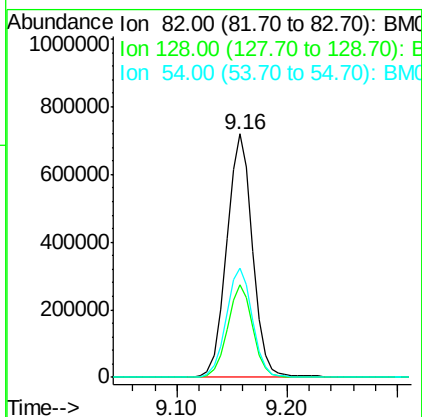
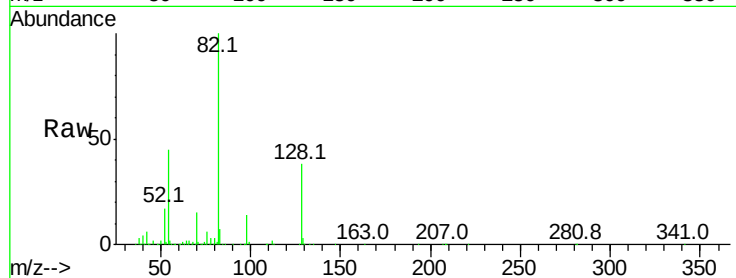




#23
 Nitrobenzene-d5
 Concen: 0.00 ng
 RT: 9.16 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BM010091.D
 Acq: 20 May 2017 04:25

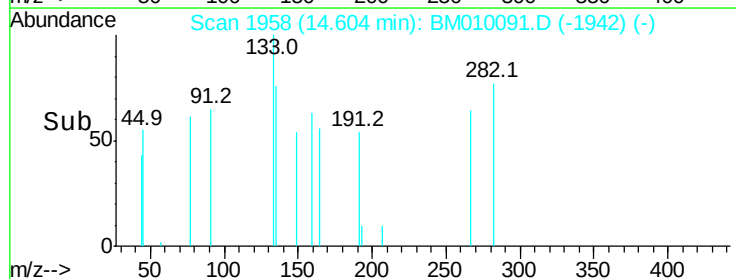
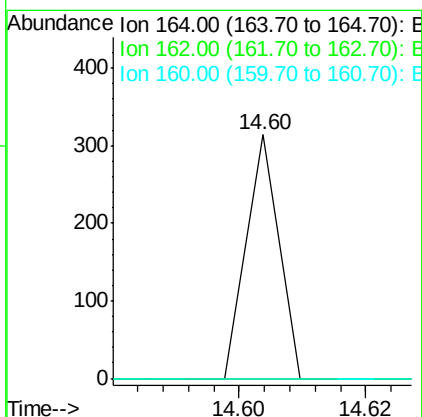
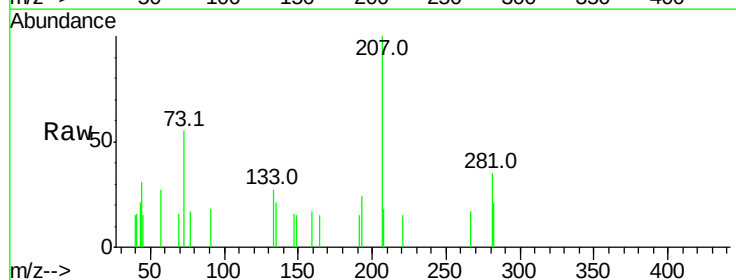
Instrument :
 BNA_M
 ClientSampled :

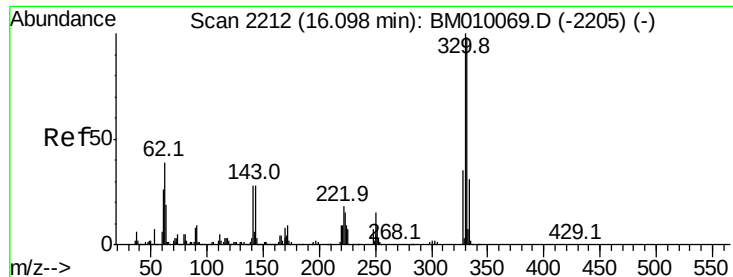
Tot Ion: 82 Resp: 1176582
 Ion Ratio Lower Upper
 82 100
 128 37.9 32.8 49.2
 54 44.9 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.60 min Scan# 1958
 Delta R.T. -0.01 min
 Lab File: BM010091.D
 Acq: 20 May 2017 04:25

Tgt Ion: 164 Resp: 111
 Ion Ratio Lower Upper
 164 100
 162 0.0 82.4 123.6#
 160 0.0 35.8 53.6#

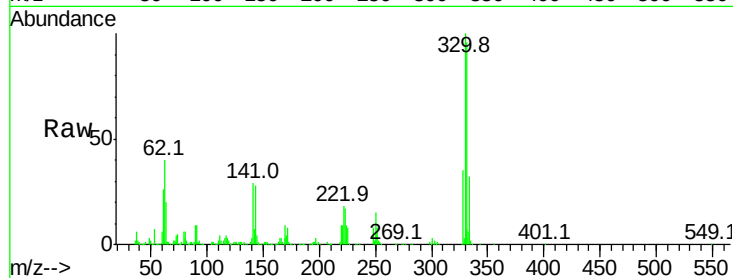




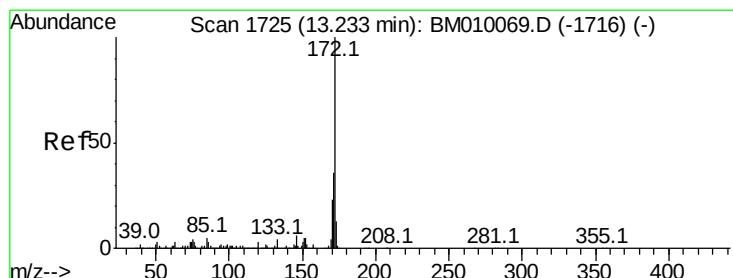
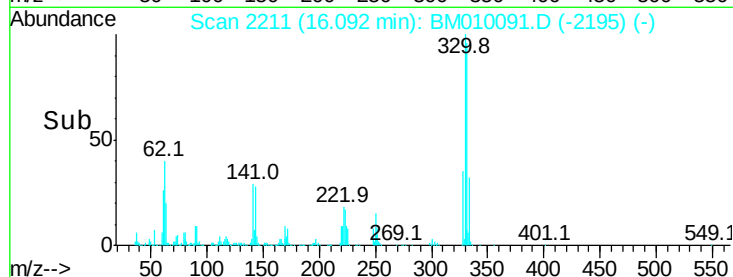
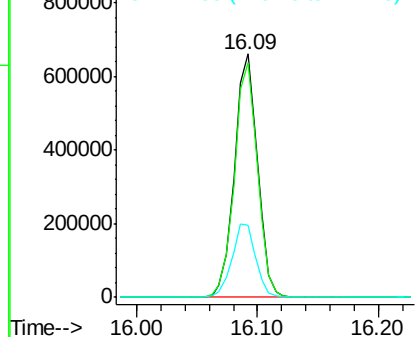
#41
 2,4,6-Tribromophenol
 Concen: 521814.88 ng
 RT: 16.09 min Scan# 2211
 Delta R.T. -0.01 min
 Lab File: BM010091.D
 Acq: 20 May 2017 04:25

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 879707
 Ion Ratio Lower Upper
 330 100
 332 96.8 0.0 0.0#
 141 31.0 0.0 0.0#

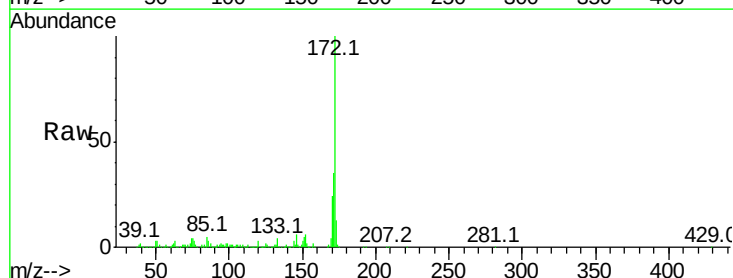


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

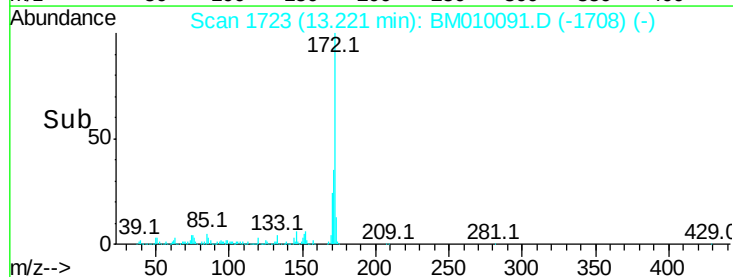
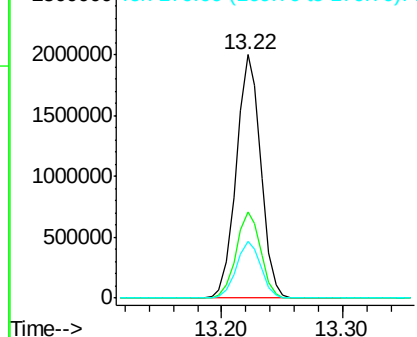


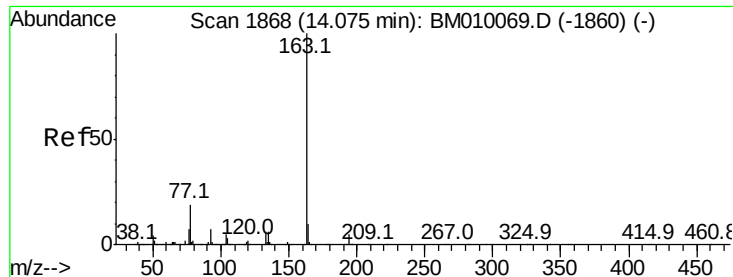
#44
 2-Fluorobiphenyl
 Concen: 327452.38 ng
 RT: 13.22 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BM010091.D
 Acq: 20 May 2017 04:25

Tgt Ion:172 Resp: 2827337
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.5 42.7
 170 23.5 18.8 28.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 39704.86 ng

RT: 14.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BM010091.D

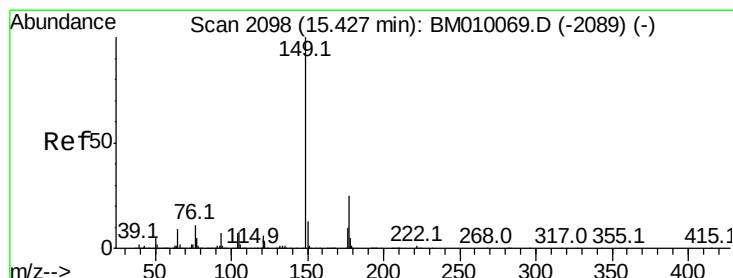
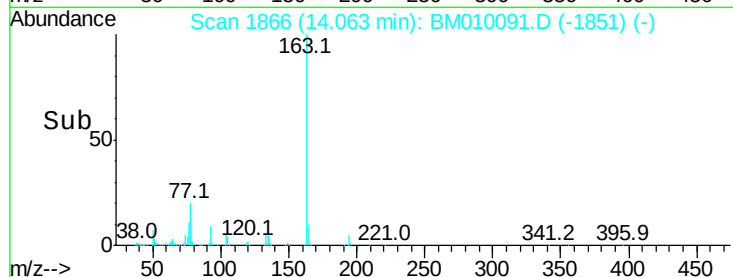
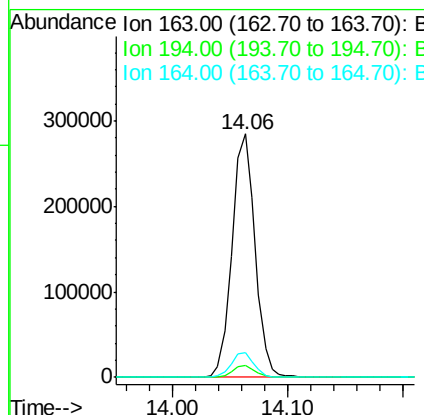
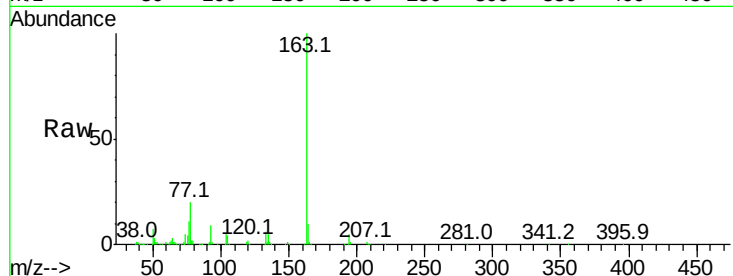
Acq: 20 May 2017 04:25

Instrument :

BNA_M

ClientSampleId :

Tot Ion:163	Resp: 393129
Ion Ratio	Lower Upper
163 100	
194 4.8	2.7 4.1#
164 10.1	8.2 12.2



#59

Diethylphthalate

Concen: 60.57 ng

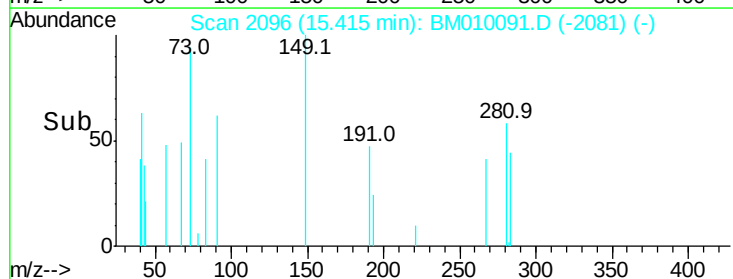
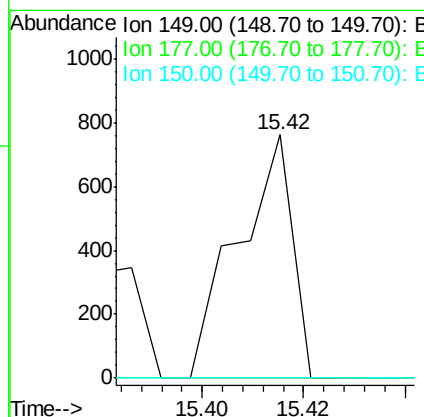
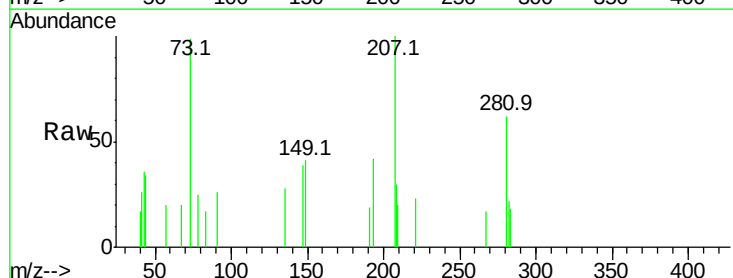
RT: 15.42 min Scan# 2096

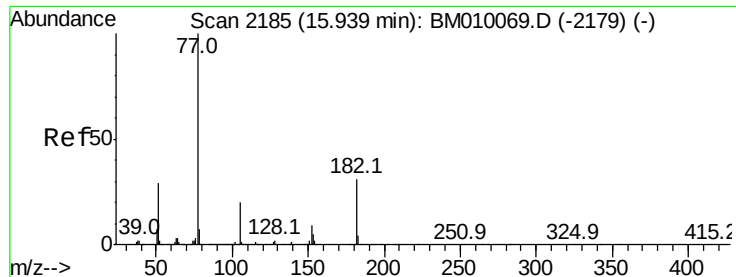
Delta R.T. -0.01 min

Lab File: BM010091.D

Acq: 20 May 2017 04:25

Tgt Ion:149	Resp:	567
Ion Ratio	Lower	Upper
149 100		
177 0.0	18.3	27.5#
150 0.0	9.8	14.8#





#62

Azobenzene

Concen: 24.26 ng

RT: 15.91 min Scan# 2180

Delta R.T. -0.03 min

Lab File: BM010091.D

Acq: 20 May 2017 04:25

Instrument :

BNA_M

ClientSampled :

Tot Ion: 77 Resp: 167

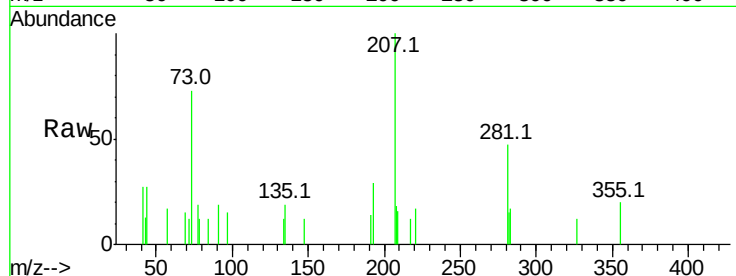
Ion Ratio Lower Upper

77 100

182 0.0 6.5 46.5#

105 0.0 3.8 43.8#

51 0.0 5.5 45.5#

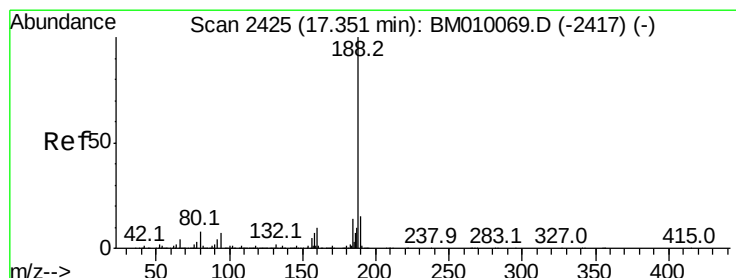
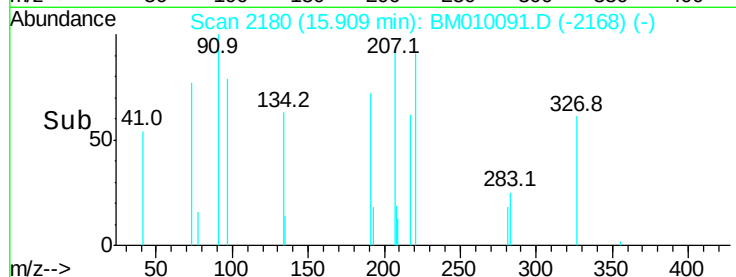
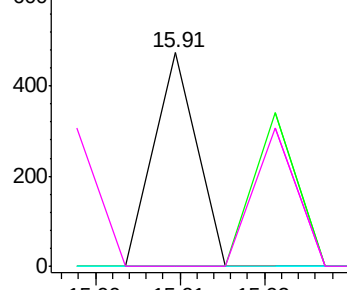


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.36 min Scan# 2426

Delta R.T. 0.01 min

Lab File: BM010091.D

Acq: 20 May 2017 04:25

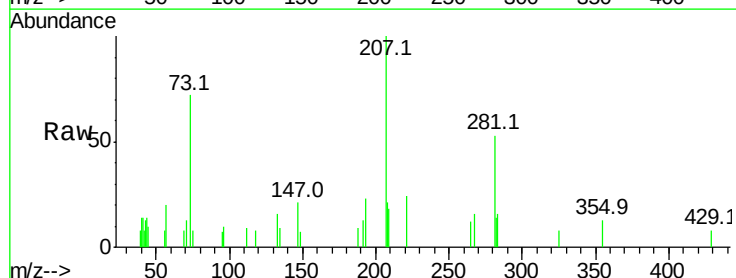
Tgt Ion: 188 Resp: 138

Ion Ratio Lower Upper

188 100

94 0.0 8.7 13.1#

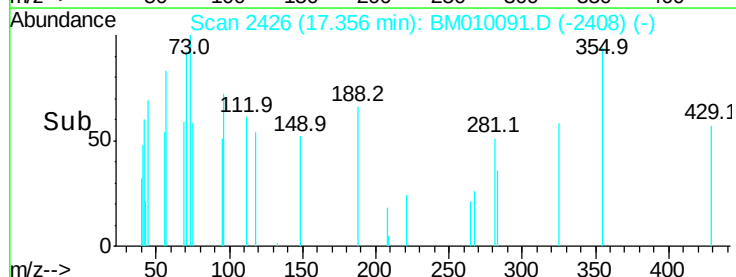
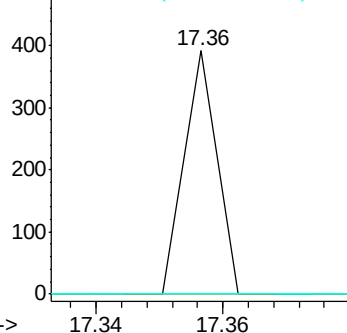
80 0.0 9.3 13.9#

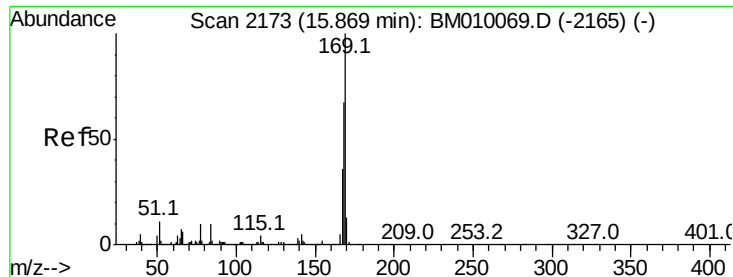


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#65

n-Nitrosodiphenylamine

Concen: 25.63 ng

RT: 15.85 min Scan# 2170

Delta R.T. -0.02 min

Lab File: BM010091.D

Acq: 20 May 2017 04:25

Instrument :

BNA_M

ClientSampled :

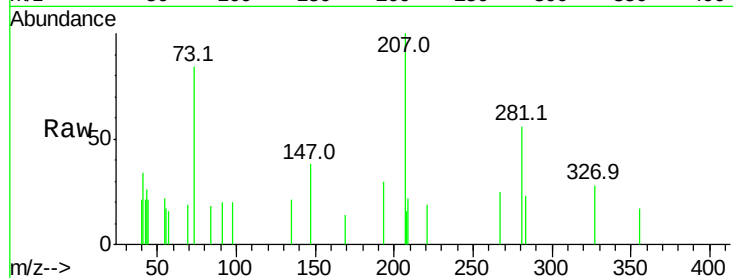
Tot Ion:169 Resp: 106

Ion Ratio Lower Upper

169 100

168 0.0 53.9 80.9#

167 0.0 28.9 43.3#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

15.85

300

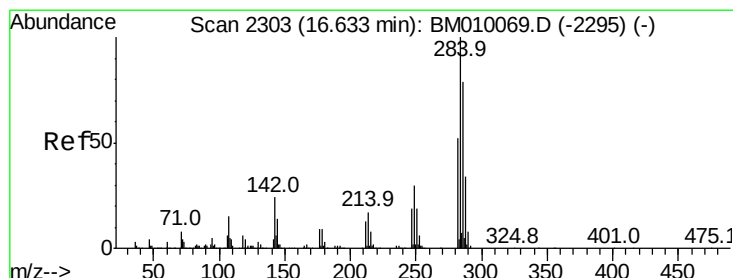
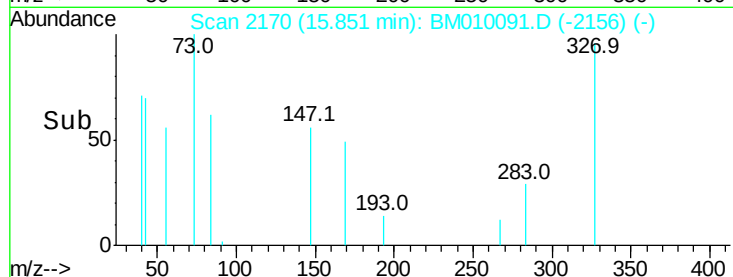
200

100

0

15.84 15.86

Time-->



#67

Hexachlorobenzene

Concen: 70.82 ng

RT: 16.60 min Scan# 2297

Delta R.T. -0.04 min

Lab File: BM010091.D

Acq: 20 May 2017 04:25

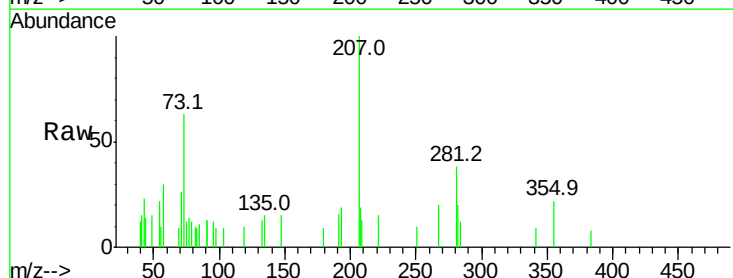
Tgt Ion:284 Resp: 152

Ion Ratio Lower Upper

284 100

142 0.0 20.4 30.6#

249 0.0 23.8 35.6#



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

16.60

400

300

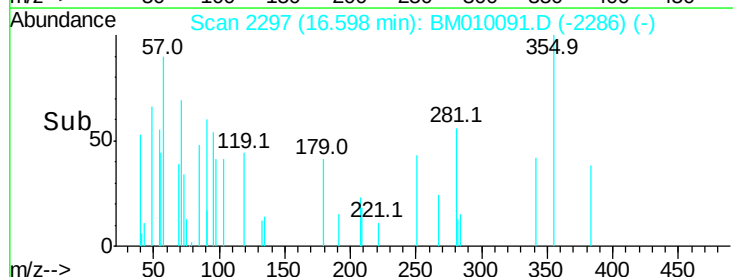
200

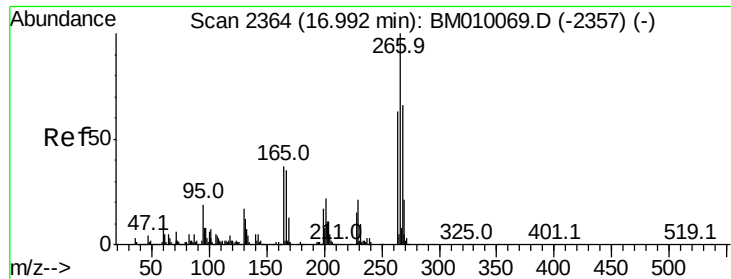
100

0

16.58 16.60

Time-->

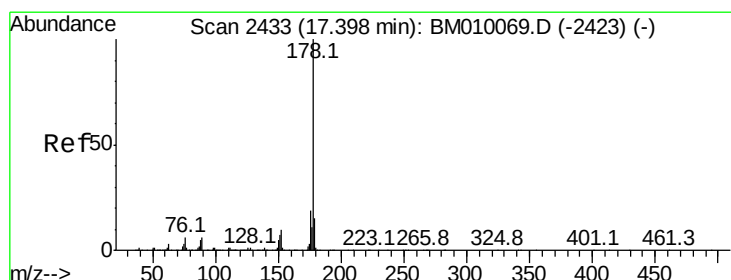
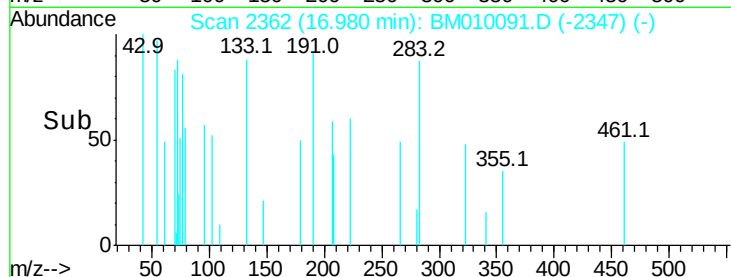
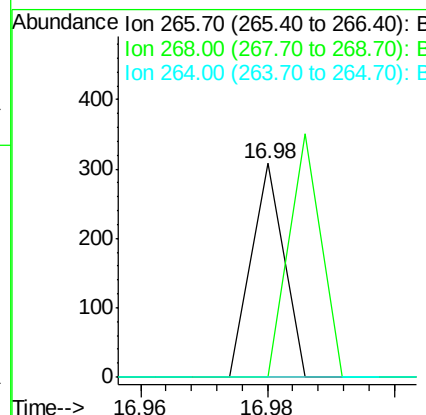
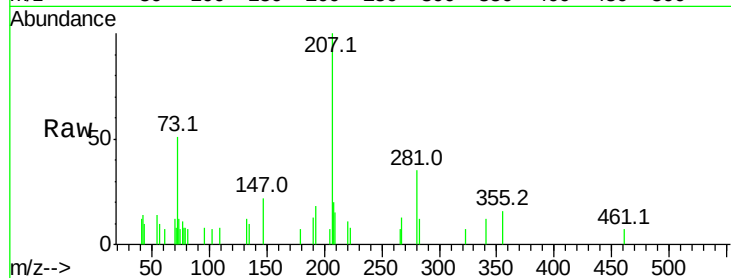




#69
 Pentachlorophenol
 Concen: 92.46 ng
 RT: 16.98 min Scan# 2362
 Delta R.T. -0.01 min
 Lab File: BM010091.D
 Acq: 20 May 2017 04:25

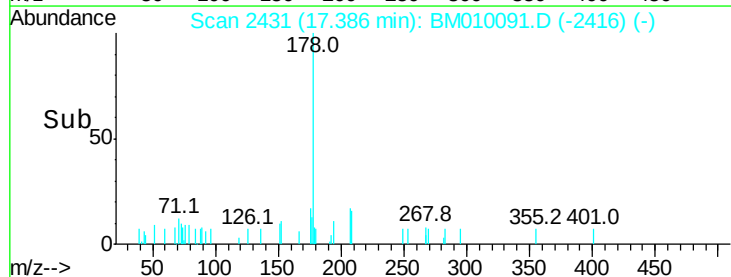
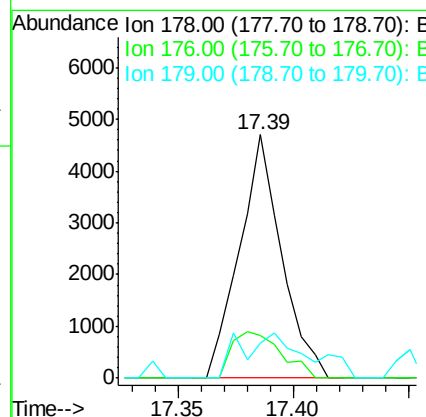
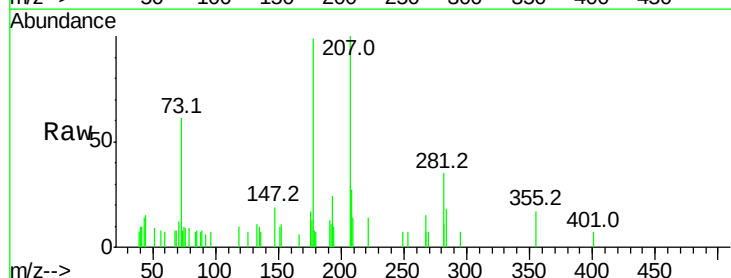
Instrument :
 BNA_M
 ClientSampleId :

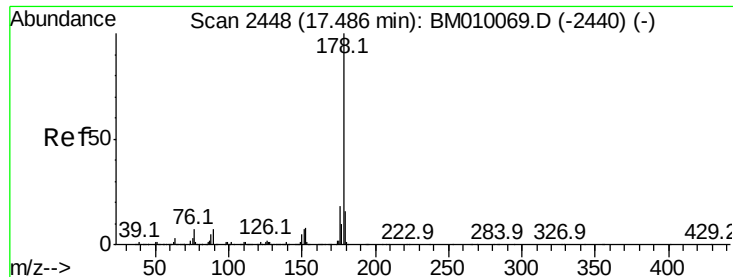
Tot Ion	Ratio	Lower	Upper
266	100		
268	0.0	52.0	78.0#
264	0.0	49.0	73.4#



#70
 Phenanthrene
 Concen: 773.21 ng
 RT: 17.39 min Scan# 2431
 Delta R.T. -0.01 min
 Lab File: BM010091.D
 Acq: 20 May 2017 04:25

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.3	15.2	22.8
179	14.4	12.1	18.1





#71

Anthracene

Concen: 233.22 ng

RT: 17.47 min Scan# 2446

Delta R.T. -0.01 min

Lab File: BM010091.D

Acq: 20 May 2017 04:25

Instrument :

BNA_M

ClientSampleId :

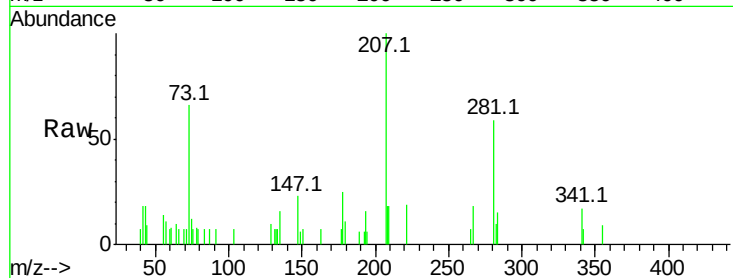
Tot Ion:178 Resp: 1787

Ion Ratio Lower Upper

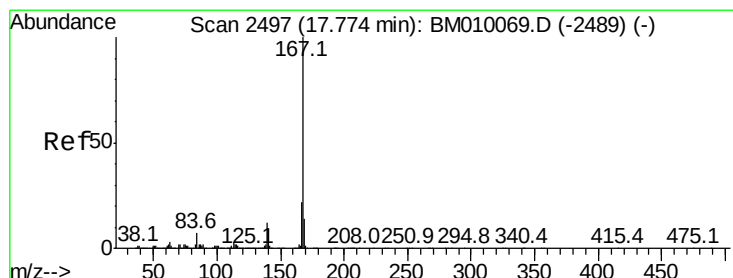
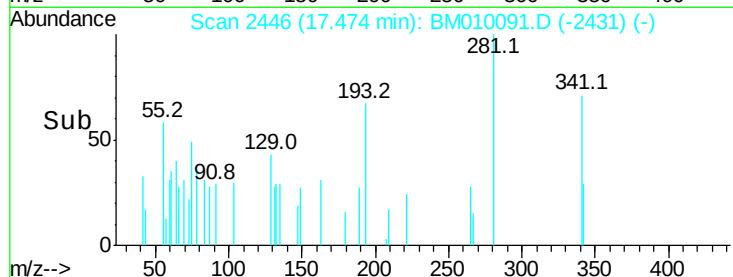
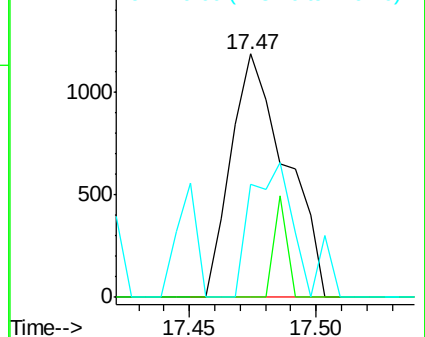
178 100

176 0.0 14.6 22.0#

179 46.3 12.6 19.0#



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 121.90 ng

RT: 17.76 min Scan# 2494

Delta R.T. -0.02 min

Lab File: BM010091.D

Acq: 20 May 2017 04:25

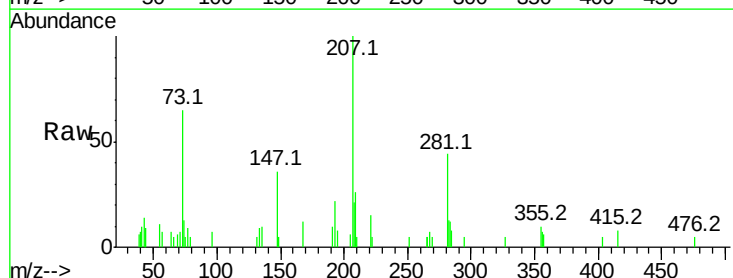
Tgt Ion:167 Resp: 827

Ion Ratio Lower Upper

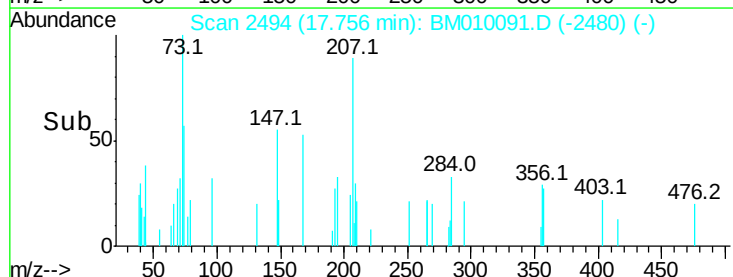
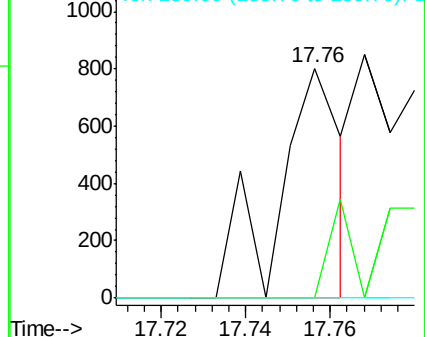
167 100

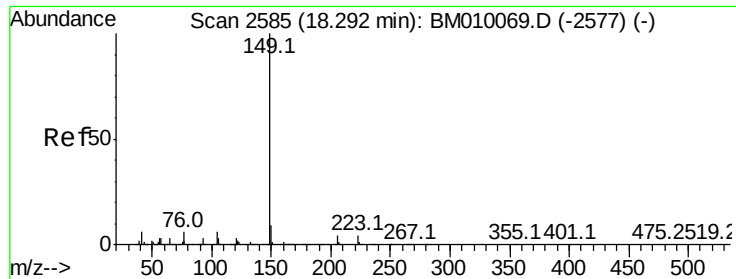
166 0.0 17.2 25.8#

139 0.0 10.8 16.2#



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E

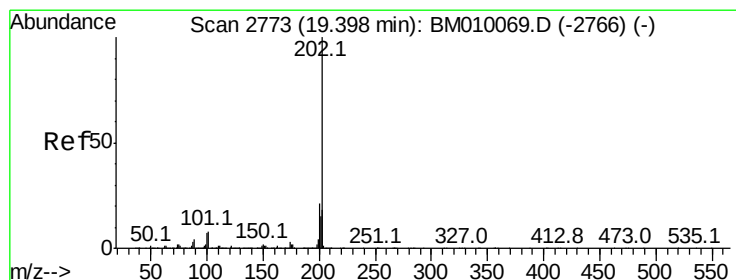
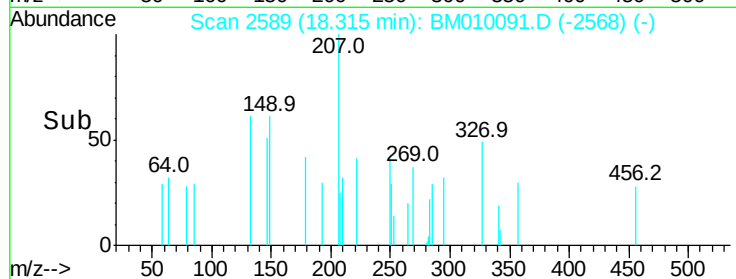
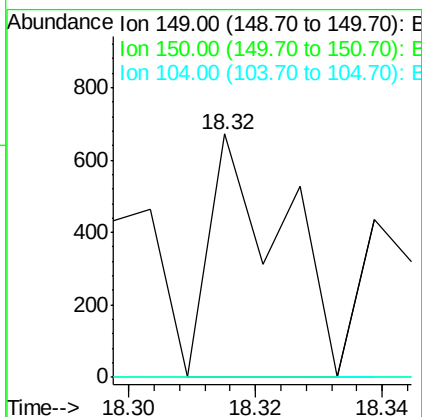
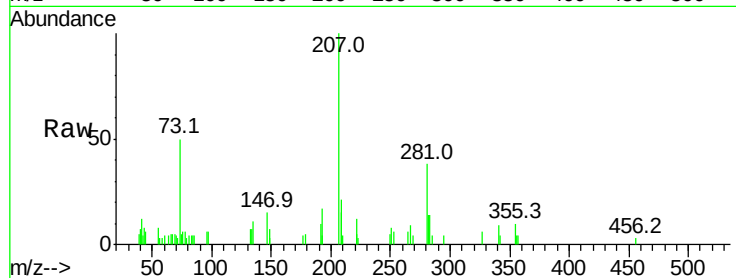




#73
Di-n-butylphthalate
Concen: 66.27 ng
RT: 18.32 min Scan# 2589
Delta R.T. 0.02 min
Lab File: BM010091.D
Acq: 20 May 2017 04:25

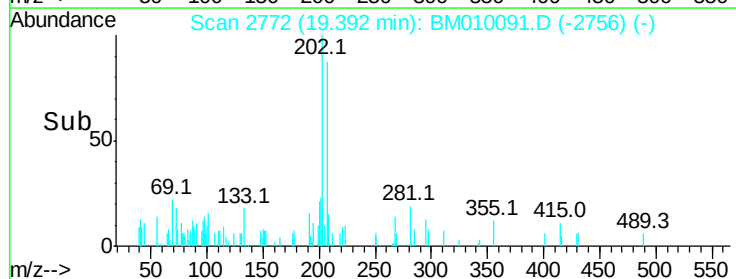
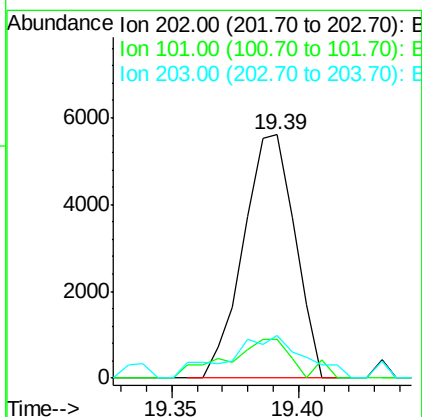
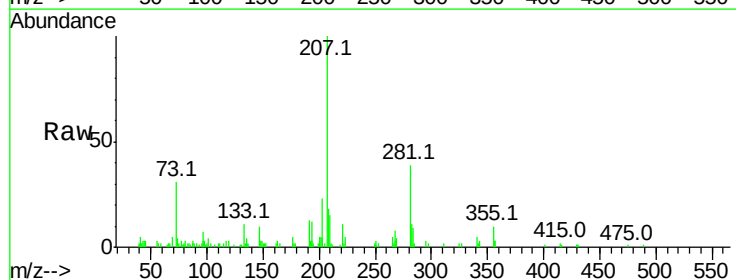
Instrument :
BNA_M
ClientSampleId :

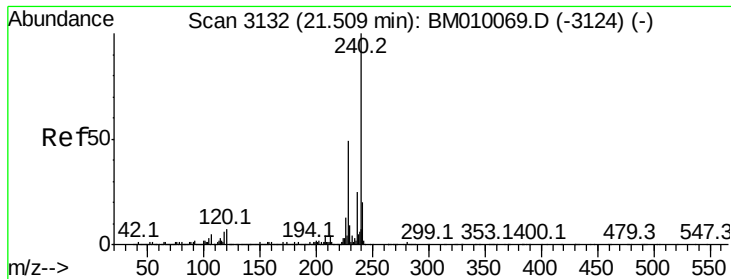
Tot Ion:149 Resp: 533
Ion Ratio Lower Upper
149 100
150 0.0 7.5 11.3#
104 0.0 3.7 5.5#



#74
Fluoranthene
Concen: 796.31 ng
RT: 19.39 min Scan# 2772
Delta R.T. -0.01 min
Lab File: BM010091.D
Acq: 20 May 2017 04:25

Tgt Ion:202 Resp: 7983
Ion Ratio Lower Upper
202 100
101 15.9 0.0 28.7
203 17.7 0.0 37.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.50 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BM010091.D

Acq: 20 May 2017 04:25

Instrument :

BNA_M

ClientSampled :

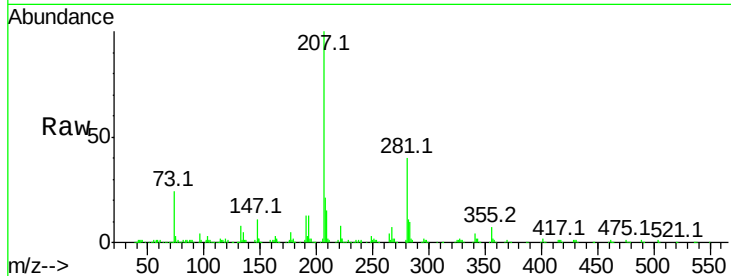
Tot Ion:240 Resp: 1411

Ion Ratio Lower Upper

240 100

120 76.7 8.2 12.2#

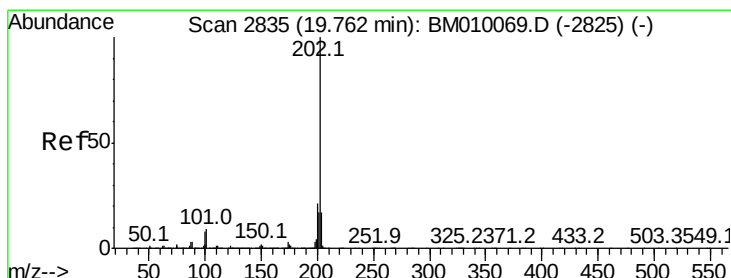
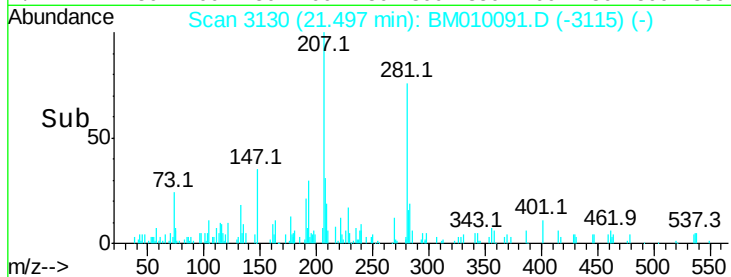
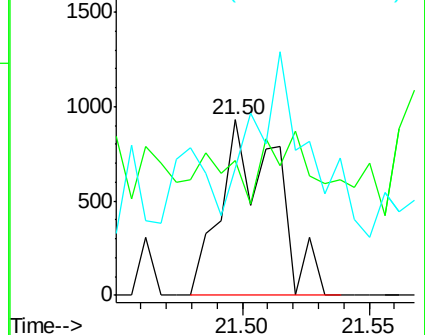
236 72.3 20.0 30.0#



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



#77

Pyrene

Concen: 97.08 ng

RT: 19.76 min Scan# 2834

Delta R.T. -0.01 min

Lab File: BM010091.D

Acq: 20 May 2017 04:25

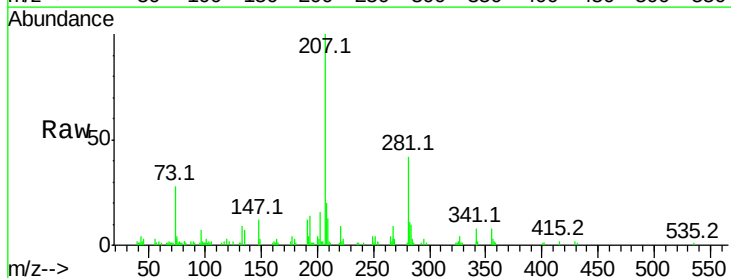
Tgt Ion:202 Resp: 7344

Ion Ratio Lower Upper

202 100

200 27.1 16.9 25.3#

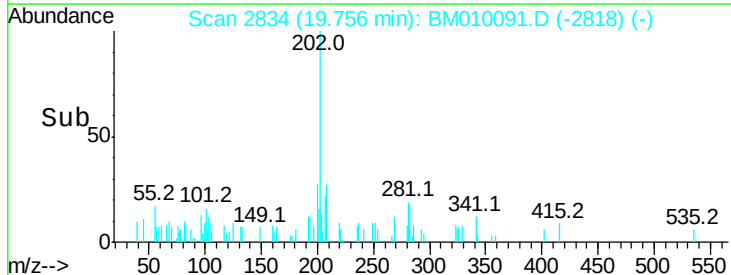
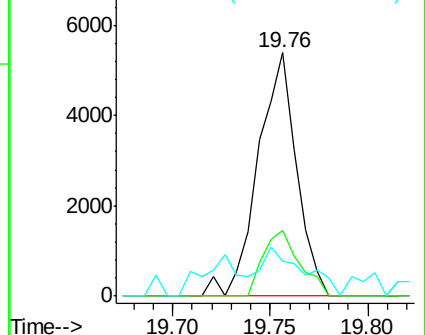
203 14.3 14.1 21.1

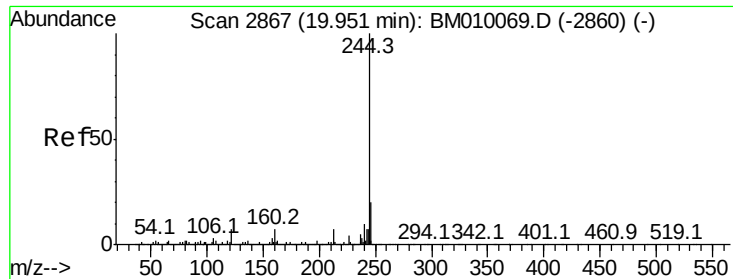


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 78428.19 ng

RT: 19.94 min Scan# 2866

Delta R.T. -0.01 min

Lab File: BM010091.D

Acq: 20 May 2017 04:25

Instrument :

BNA_M

ClientSampled :

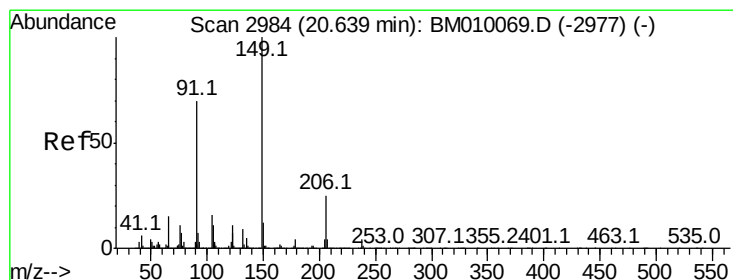
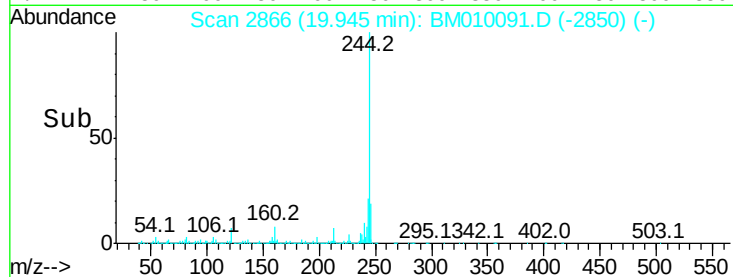
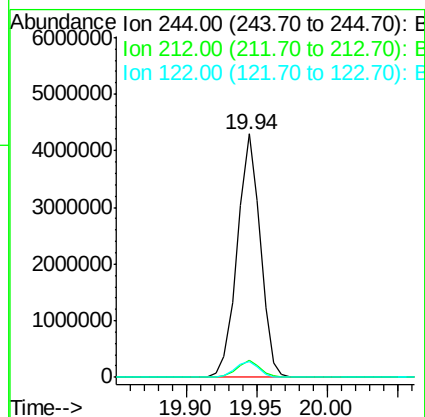
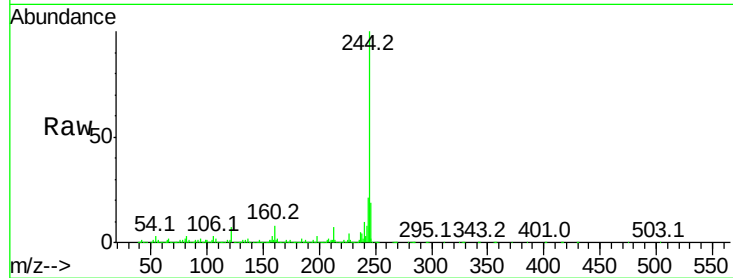
Tot Ion:244 Resp: 4866828

Ion Ratio Lower Upper

244 100

212 7.2 4.9 7.3

122 6.7 6.2 9.4



#79

Butylbenzylphthalate

Concen: 32.00 ng

RT: 20.62 min Scan# 2981

Delta R.T. -0.02 min

Lab File: BM010091.D

Acq: 20 May 2017 04:25

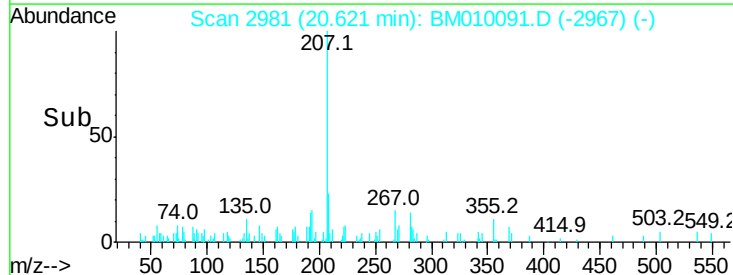
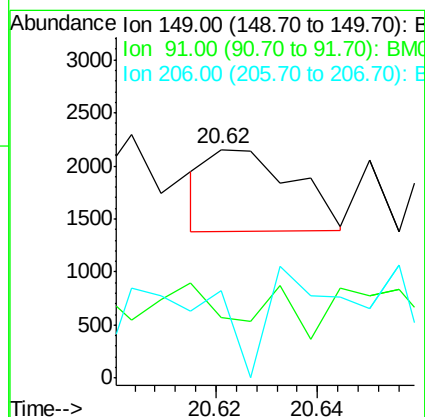
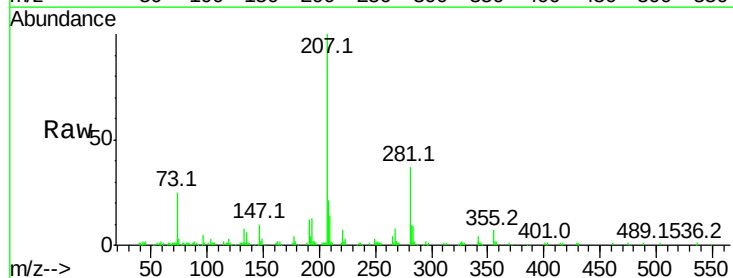
Tgt Ion:149 Resp: 896

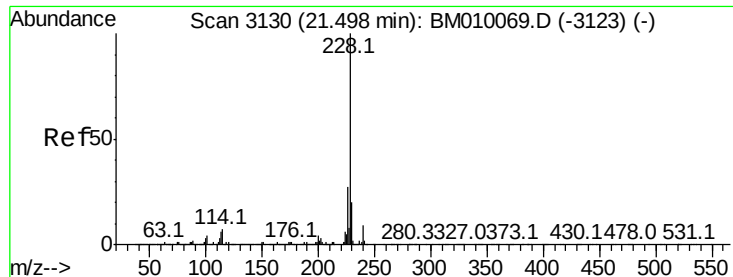
Ion Ratio Lower Upper

149 100

91 26.6 50.1 75.1#

206 38.3 16.2 24.2#





#80

Benzo(a)anthracene

Concen: 83.09 ng

RT: 21.49 min Scan# 3128

Delta R.T. -0.01 min

Lab File: BM010091.D

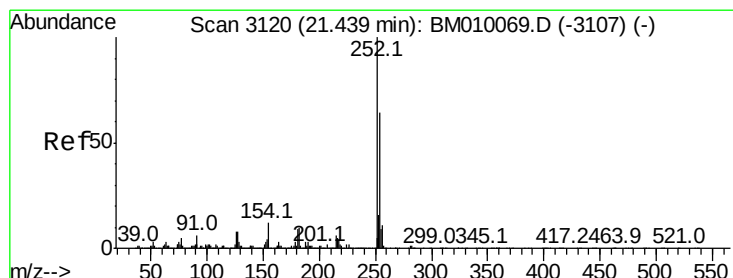
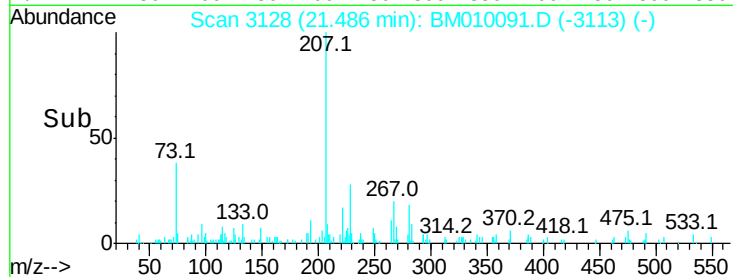
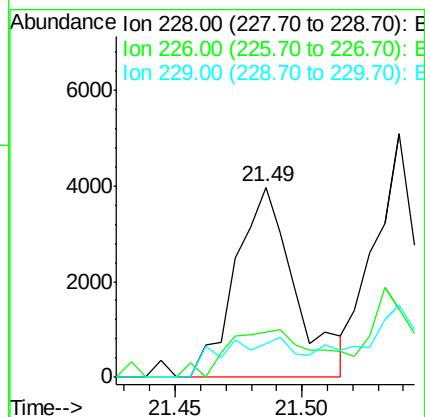
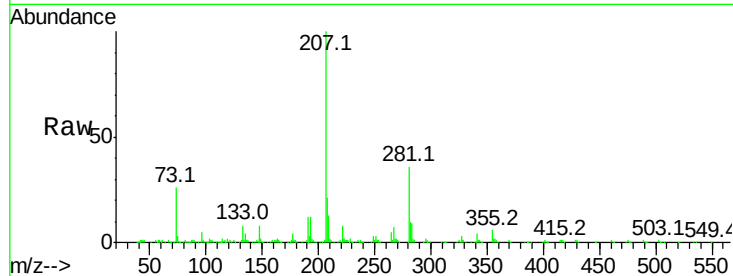
Acq: 20 May 2017 04:25

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	228	Resp:	6461
Ion	Ratio	Lower	Upper
228	100		
226	23.9	21.7	32.5
229	17.6	16.0	24.0



#81

3,3'-Dichlorobenzidine

Concen: 18.38 ng

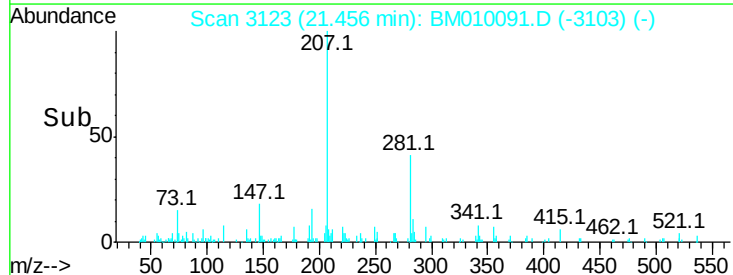
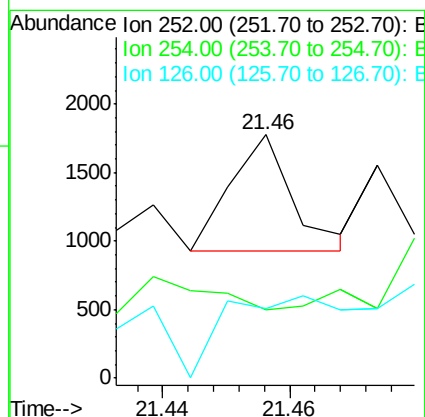
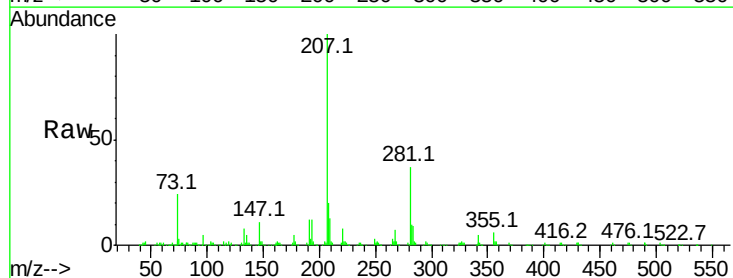
RT: 21.46 min Scan# 3123

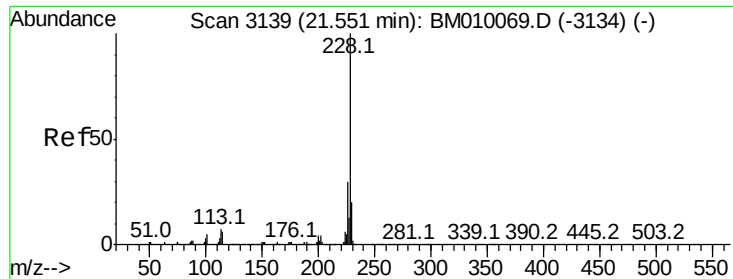
Delta R.T. 0.02 min

Lab File: BM010091.D

Acq: 20 May 2017 04:25

Tgt Ion:	252	Resp:	575
Ion	Ratio	Lower	Upper
252	100		
254	28.0	51.9	77.9#
126	28.8	9.8	14.8#





#82

Chrysene

Concen: 82.21 ng

RT: 21.54 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BM010091.D

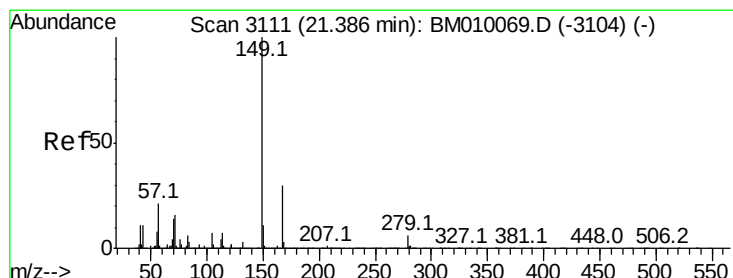
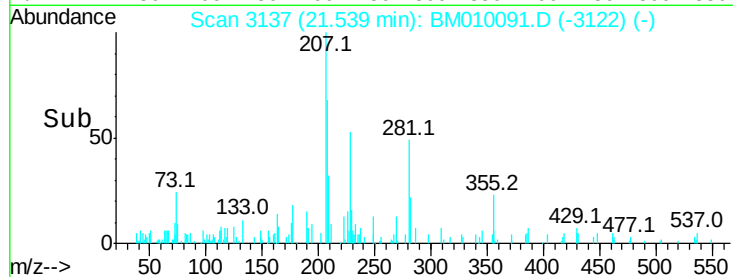
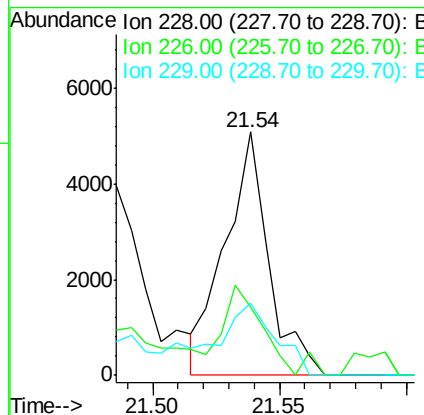
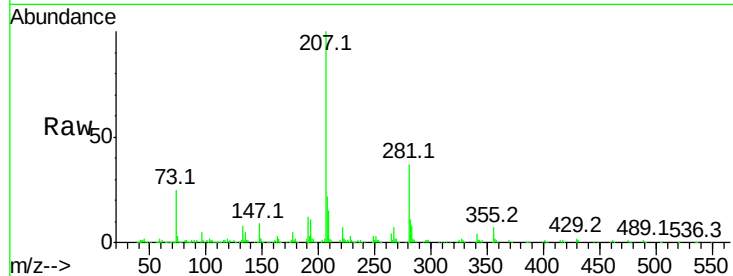
Acq: 20 May 2017 04:25

Instrument :

BNA_M

ClientSampleId :

Tot Ion:228	Resp:	6063
Ion	Ratio	Lower Upper
228	100	
226	28.3	24.1 36.1
229	29.6	15.5 23.3#



#83

Bis(2-ethylhexyl)phthalate

Concen: 126.92 ng

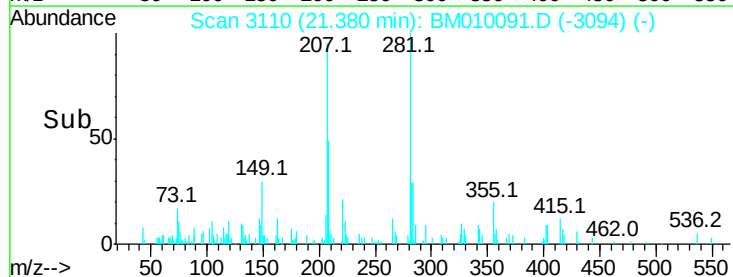
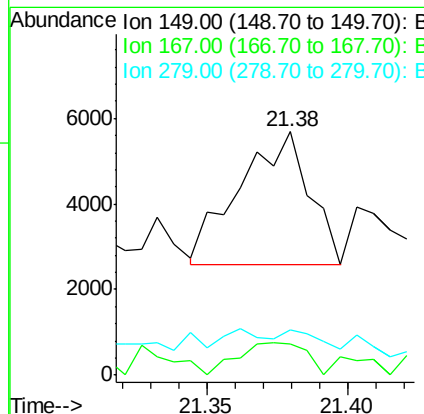
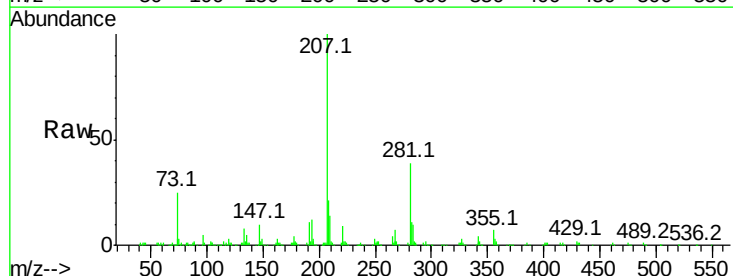
RT: 21.38 min Scan# 3110

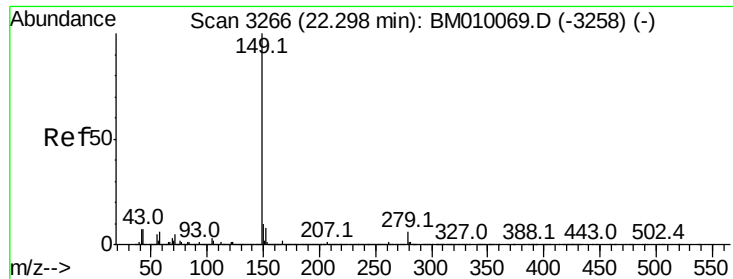
Delta R.T. -0.01 min

Lab File: BM010091.D

Acq: 20 May 2017 04:25

Tgt Ion:149	Resp:	5315
Ion	Ratio	Lower Upper
149	100	
167	13.0	22.4 33.6#
279	18.3	3.4 5.0#

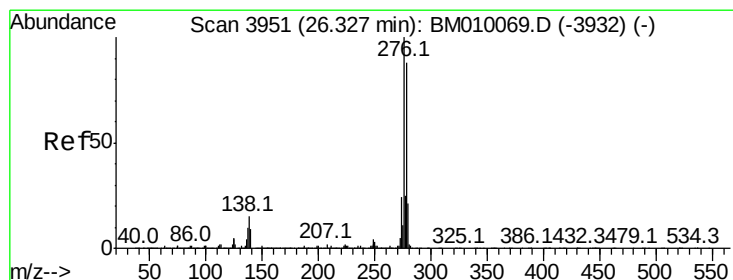
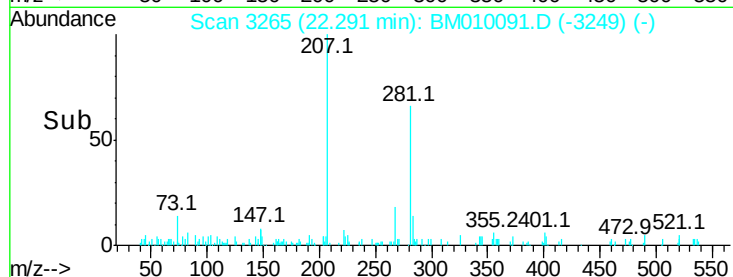
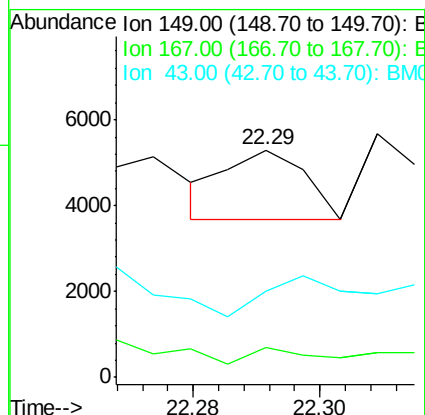
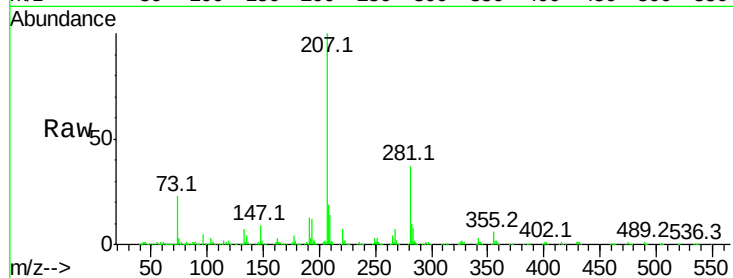




#84
Di-n-octyl phthalate
Concen: 18.67 ng
RT: 22.29 min Scan# 3265
Delta R.T. -0.01 min
Lab File: BM010091.D
Acq: 20 May 2017 04:25

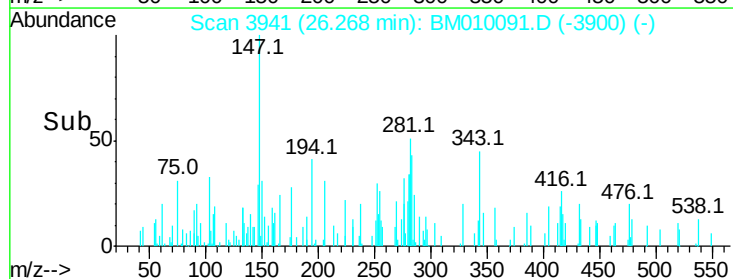
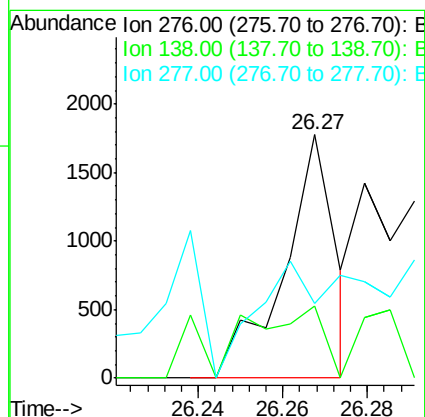
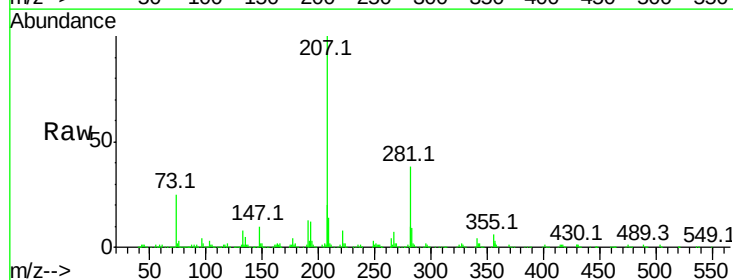
Instrument :
BNA_M
ClientSampleId :

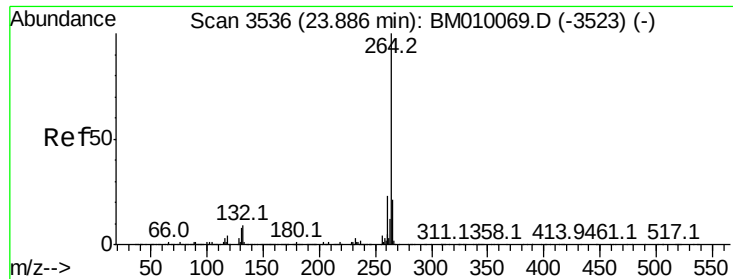
Tot Ion:149 Resp: 1400
Ion Ratio Lower Upper
149 100
167 19.5 1.2 1.8#
43 67.8 7.3 10.9#



#85
Indeno(1,2,3-cd)pyrene
Concen: 13.83 ng
RT: 26.27 min Scan# 3941
Delta R.T. -0.06 min
Lab File: BM010091.D
Acq: 20 May 2017 04:25

Tgt Ion:276 Resp: 1496
Ion Ratio Lower Upper
276 100
138 41.1 0.0 0.0#
277 55.6 0.0 0.0#





#86

Pervlene-d12

Concen: 20.00 ng

RT: 23.88 min Scan# 3535

Delta R.T. -0.01 min

Lab File: BM010091.D

Acq: 20 May 2017 04:25

Instrument :

BNA_M

ClientSampleId :

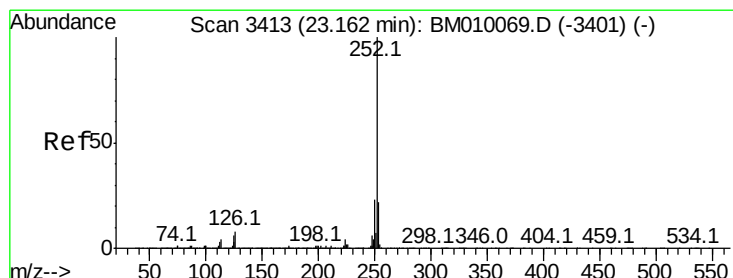
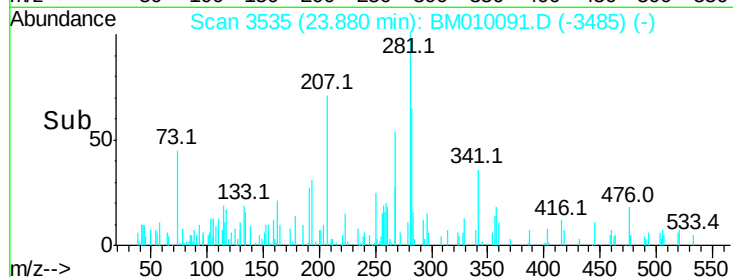
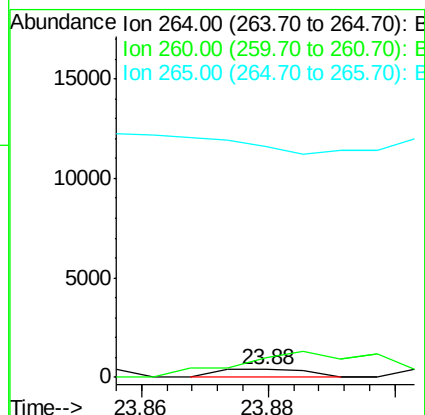
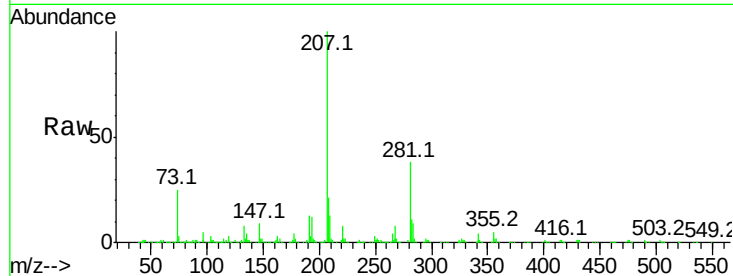
Tot Ion:264 Resp: 389

Ion Ratio Lower Upper

264 100

260 251.0 18.6 27.8#

265 2893.0 17.3 25.9#



#87

Benzo(b)fluoranthene

Concen: 204.03 ng

RT: 23.14 min Scan# 3409

Delta R.T. -0.02 min

Lab File: BM010091.D

Acq: 20 May 2017 04:25

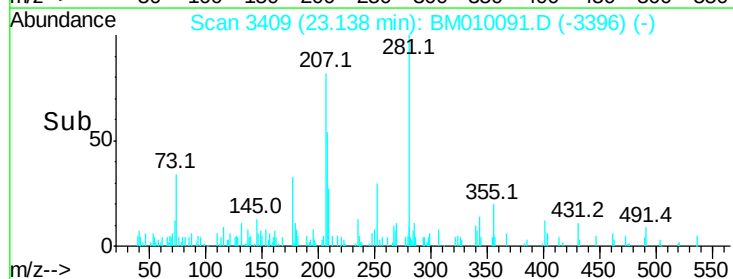
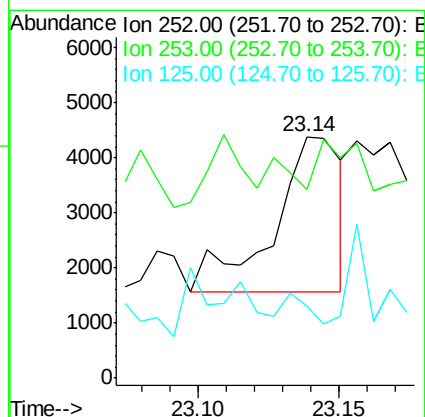
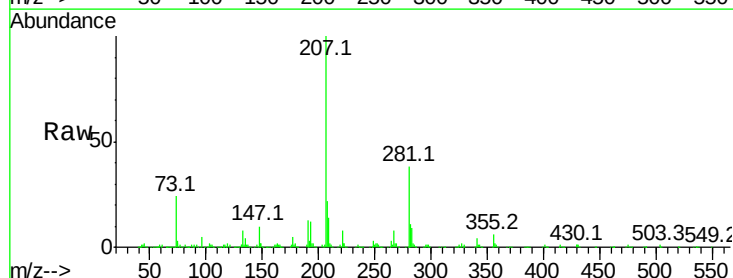
Tgt Ion:252 Resp: 4645

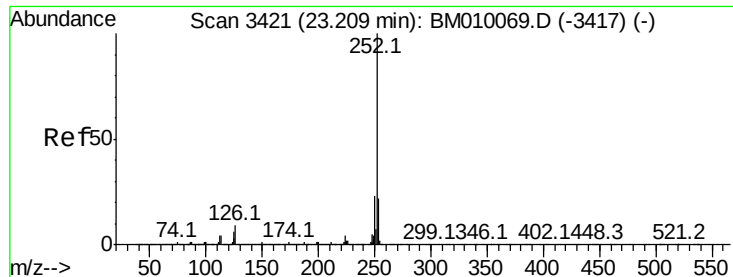
Ion Ratio Lower Upper

252 100

253 78.0 18.0 27.0#

125 29.6 9.9 14.9#





#88

Benzo(k)fluoranthene

Concen: 16.45 ng

RT: 23.25 min Scan# 3428

Delta R.T. 0.04 min

Lab File: BM010091.D

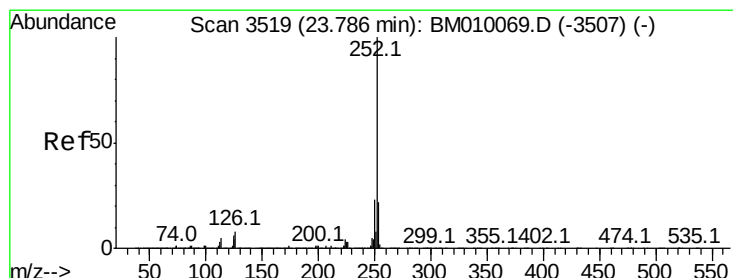
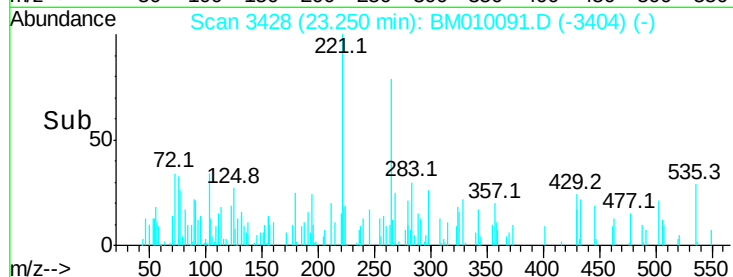
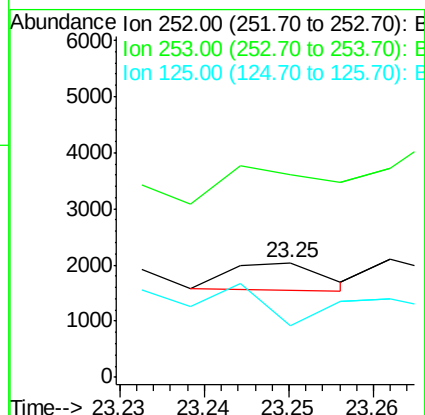
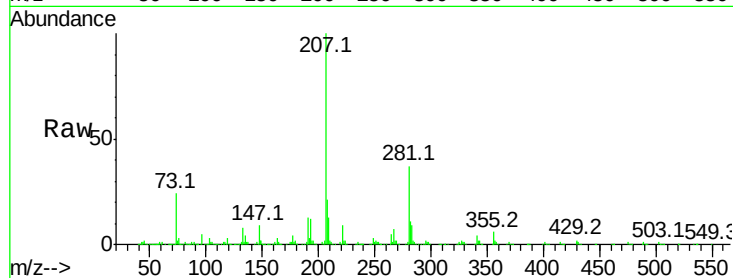
Acq: 20 May 2017 04:25

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	252	Resp:	367
Ion Ratio	Lower	Upper	
252	100		
253	176.9	17.2	25.8#
125	45.0	8.1	12.1#



#89

Benzo(a)pyrene

Concen: 302.71 ng

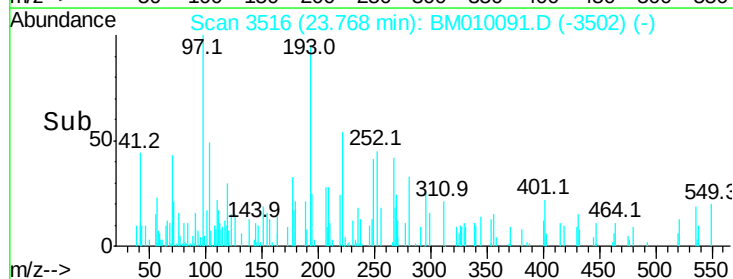
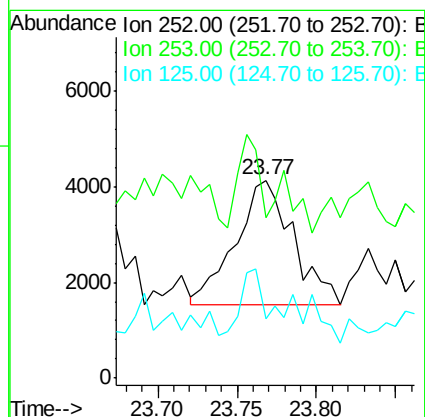
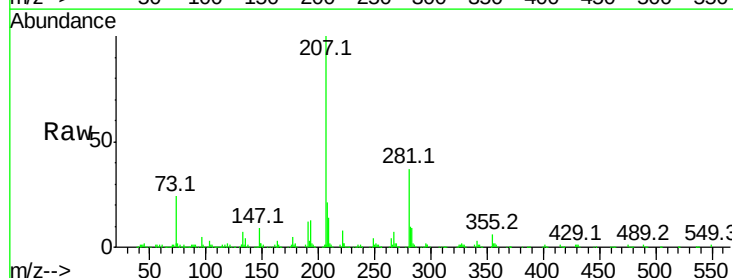
RT: 23.77 min Scan# 3516

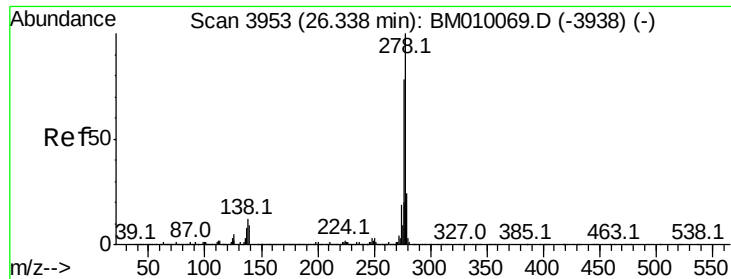
Delta R.T. -0.02 min

Lab File: BM010091.D

Acq: 20 May 2017 04:25

Tgt Ion:	252	Resp:	6567
Ion Ratio	Lower	Upper	
252	100		
253	81.0	17.6	26.4#
125	29.7	7.4	11.2#





#90

Dibenzo(a,h)anthracene

Concen: 18.22 ng

RT: 26.31 min Scan# 3949

Delta R.T. -0.02 min

Lab File: BM010091.D

Acq: 20 May 2017 04:25

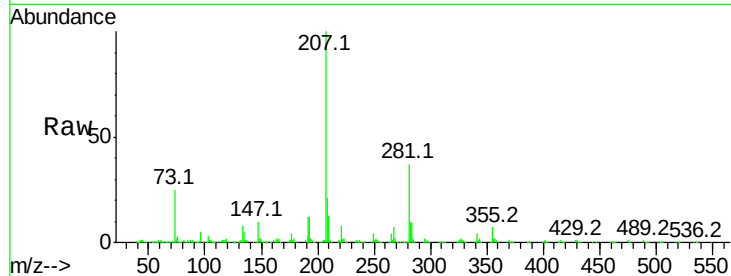
Instrument :

BNA_M

ClientSampled :

Tot Ion:278 Resp: 442

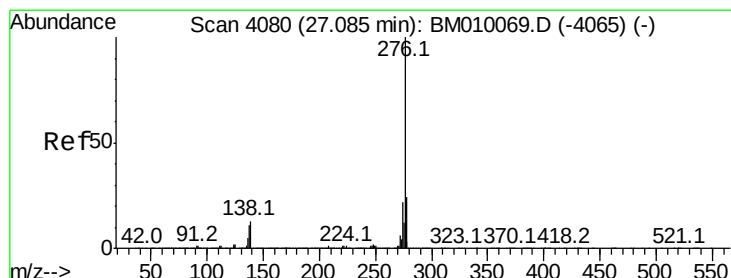
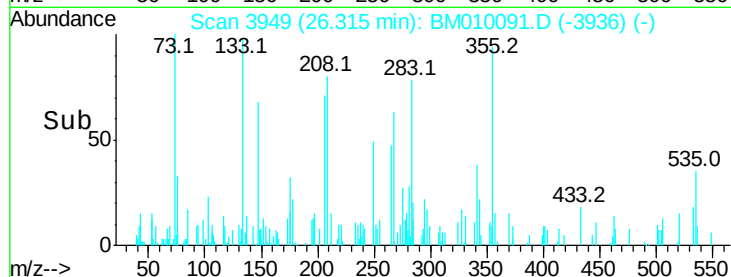
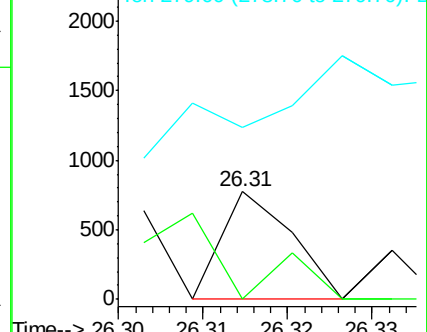
Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.4	20.0#
279	159.7	19.0	28.4#



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



#91

Benzo(g,h,i)perylene

Concen: 173.71 ng

RT: 27.04 min Scan# 4072

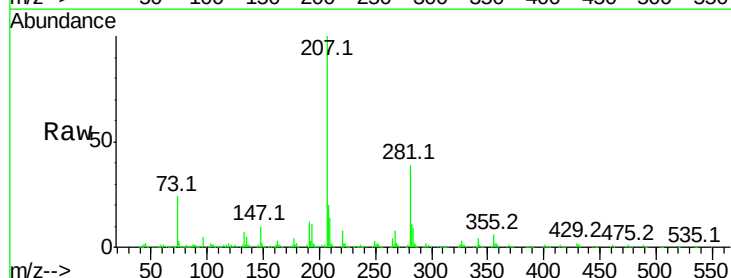
Delta R.T. -0.05 min

Lab File: BM010091.D

Acq: 20 May 2017 04:25

Tgt Ion:276 Resp: 4129

Ion	Ratio	Lower	Upper
276	100		
277	41.2	18.5	27.7#
138	23.9	19.0	28.6



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

