

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071717\
 Data File : BM010840.D
 Acq On : 17 Jul 2017 15:36
 Operator : SJ/JU
 Sample : PB100669BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB100669BL

Quant Time: Jul 18 05:33:19 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM071217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 12 14:21:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	258340	20.00	ng	-0.01
21) Naphthalene-d8	10.20	136	1019931	20.00	ng	0.00
38) Acenaphthene-d10	14.09	164	678992	20.00	ng	0.00
63) Phenanthrene-d10	16.85	188	1738765	20.00	ng	0.00
75) Chrysene-d12	21.06	240	2083634	20.00	ng	0.00
86) Perylene-d12	23.20	264	1756362	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.08	112	2196689	140.85	ng	0.00
7) Phenol-d6	6.64	99	2964969	137.91	ng	0.00
23) Nitrobenzene-d5	8.59	82	2207960	83.21	ng	0.00
41) 2,4,6-Tribromophenol	15.60	330	1422183	137.06	ng	0.00
44) 2-Fluorobiphenyl	12.71	172	4551727	83.40	ng	0.00
78) Terphenyl-d14	19.51	244	8099921	75.19	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.09	88	208	0.030	ng	# 100
3) Pyridine	3.49	79	128	0.007	ng	# 1
4) n-Nitrosodimethylamine	3.36	42	655	0.068	ng	# 1
6) Aniline	6.78	93	576	0.021	ng	# 43
8) 2-Chlorophenol	6.98	128	119	0.008	ng	# 1
9) Benzaldehyde	6.56	77	411	0.028	ng	# 2
10) Phenol	6.64	94	714	0.031	ng	# 1
14) 1,2-Dichlorobenzene	7.79	146	275	0.015	ng	# 40
16) 2,2'-oxybis(1-Chloropropan	7.98	45	178	0.012	ng	# 66
18) Hexachloroethane	8.44	117	111	0.013	ng	# 3
19) n-Nitroso-di-n-propylamine	8.30	70	108	0.006	ng	# 37
22) Acetophenone	8.21	105	411	0.013	ng	# 52
24) Nitrobenzene	8.59	77	10307	0.379	ng	# 45
25) Isophorone	9.13	82	107	0.002	ng	# 62
33) 4-Chloroaniline	10.38	127	321	0.015	ng	# 51
45) 1,1'-Biphenyl	12.92	154	5714	0.097	ng	# 76
51) Acenaphthene	14.10	154	2504	0.064	ng	# 22
62) Azobenzene	15.41	77	133	0.002	ng	# 50
70) Phenanthrene	16.84	178	776	0.009	ng	# 47
71) Anthracene	17.03	178	137	0.002	ng	# 61
73) Di-n-butylphthalate	17.84	149	471	0.005	ng	# 78
76) Benzidine	19.12	184	3456	0.062	ng	# 68
79) Butylbenzylphthalate	20.19	149	1246	0.029	ng	# 20
80) Benzo(a)anthracene	21.07	228	6647	0.055	ng	# 63
81) 3,3'-Dichlorobenzidine	21.00	252	1383	0.029	ng	# 26
82) Chrysene	21.10	228	261	0.002	ng	# 50
83) Bis(2-ethylhexyl)phthalate	21.01	149	3007	0.049	ng	# 72
84) Di-n-octyl phthalate	21.86	149	551	0.005	ng	# 1
85) Indeno(1,2,3-cd)pyrene	25.30	276	1245	0.009	ng	# 100
87) Benzo(b)fluoranthene	22.57	252	2844	0.025	ng	# 53
88) Benzo(k)fluoranthene	22.61	252	1813	0.017	ng	# 4
89) Benzo(a)pyrene	23.12	252	783	0.008	ng	# 46
90) Dibenzo(a,h)anthracene	25.31	278	1905	0.019	ng	# 74
91) Benzo(g,h,i)perylene	25.93	276	508	0.005	ng	# 52

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 12 14:21:16 2017
Response via : Initial Calibration

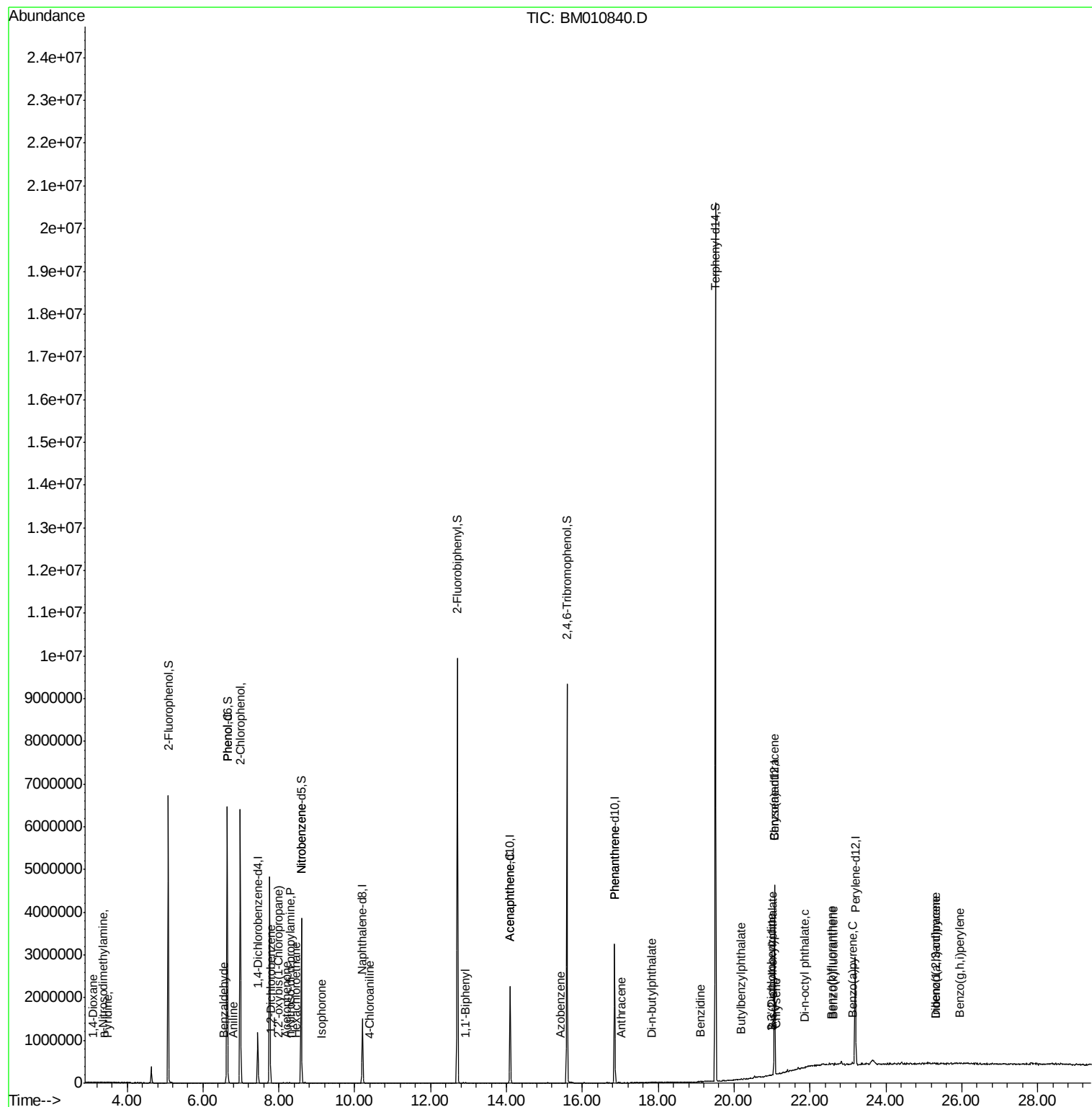
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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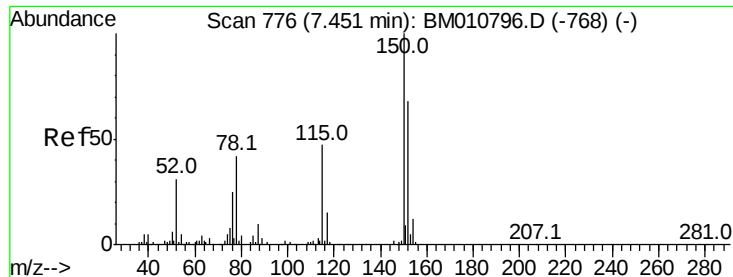
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.44 min Scan# 774

Delta R.T. -0.01 min

Lab File: BM010840.D

Acq: 17 Jul 2017 15:36

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BNA_M

ClientSampleId :

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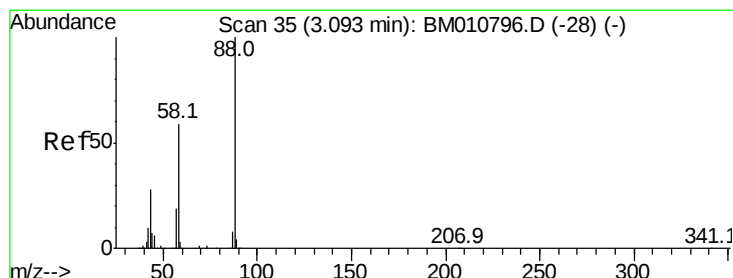
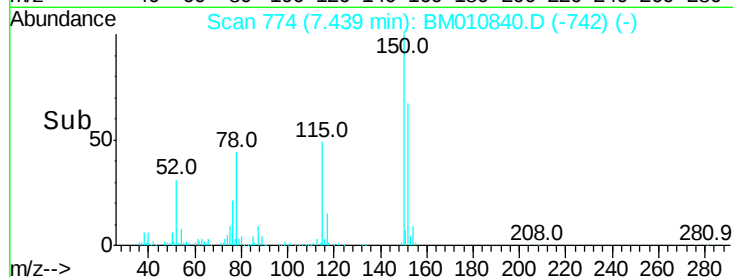
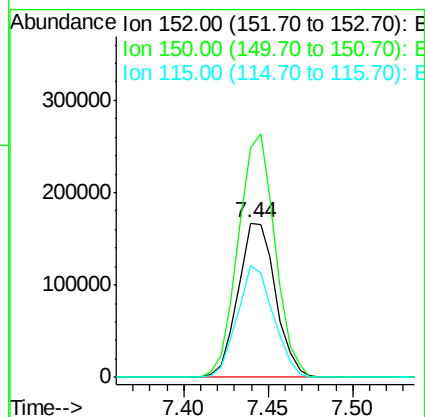
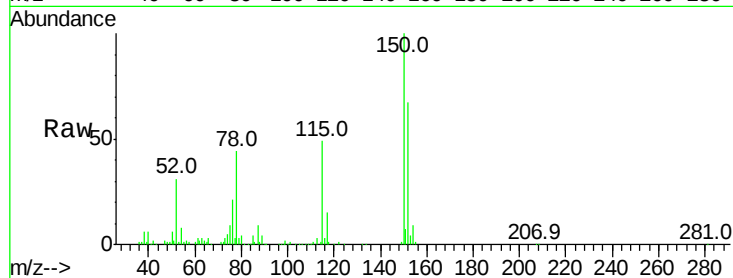
Tot Ion:152 Resp: 258340

Ion Ratio Lower Upper

152 100

150 148.8 119.5 179.3

115 72.4 43.0 64.4#



#2

1,4-Dioxane

Concen: 0.030 ng

RT: 3.09 min Scan# 35

Delta R.T. 0.00 min

Lab File: BM010840.D

Acq: 17 Jul 2017 15:36

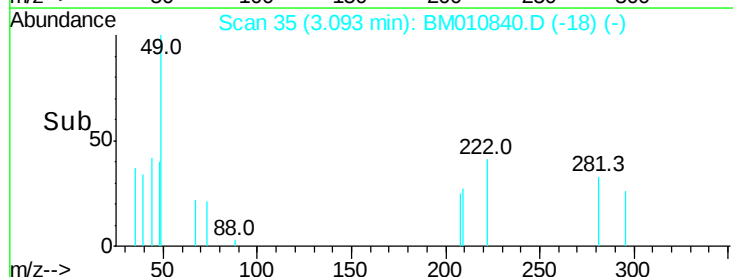
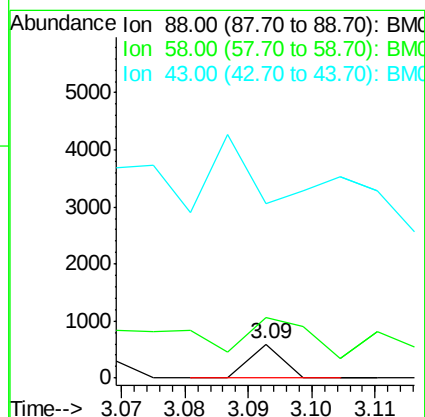
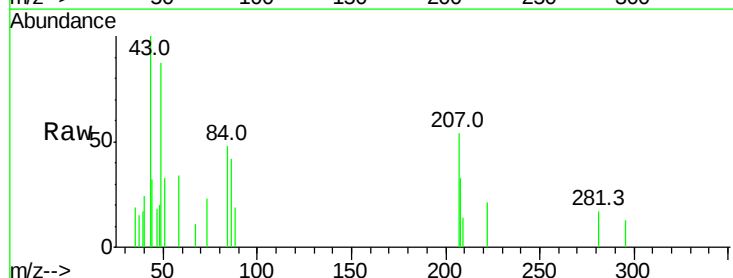
Tgt Ion: 88 Resp: 208

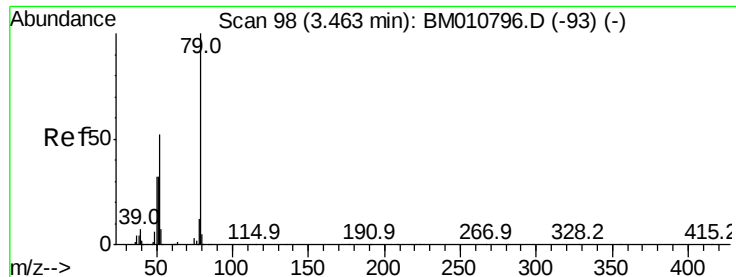
Ion Ratio Lower Upper

88 100

58 621.2 0.0 0.0#

43 0.0 0.0 0.0





#3

Pvridine

Concen: 0.007 ng

RT: 3.49 min Scan# 103

Delta R.T. 0.03 min

Lab File: BM010840.D

Acq: 17 Jul 2017 15:36

Instrument :

BNA_M

ClientSampleId :

PB100669BL

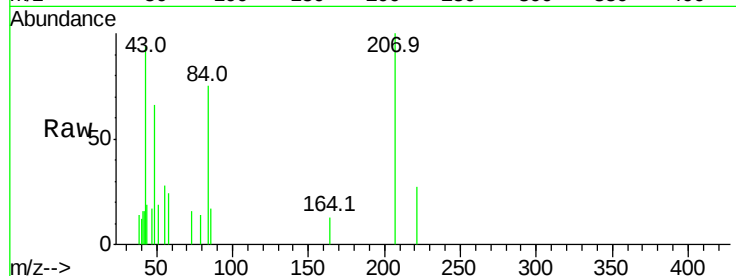
Tot Ion: 79 Resp: 128

Ion Ratio Lower Upper

79 100

52 0.0 51.1 76.7#

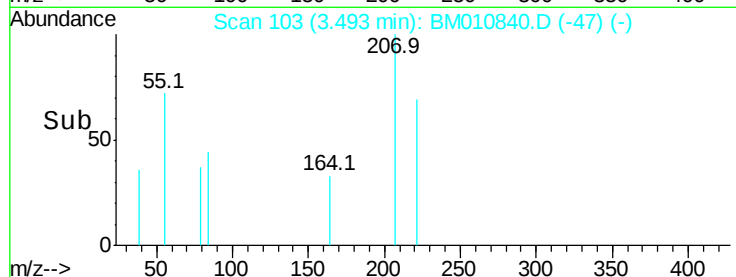
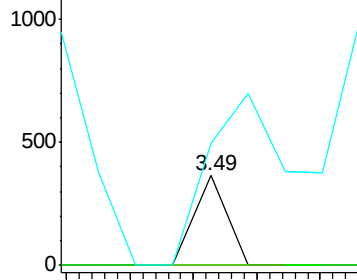
51 136.0 26.1 39.1#



Abundance Ion 79.00 (78.70 to 79.70): BM010796.D (-93) (-)

Ion 52.00 (51.70 to 52.70): BM010796.D (-93) (-)

Ion 51.00 (50.70 to 51.70): BM010796.D (-93) (-)



#4

n-Nitrosodimethylamine

Concen: 0.068 ng

RT: 3.36 min Scan# 80

Delta R.T. -0.03 min

Lab File: BM010840.D

Acq: 17 Jul 2017 15:36

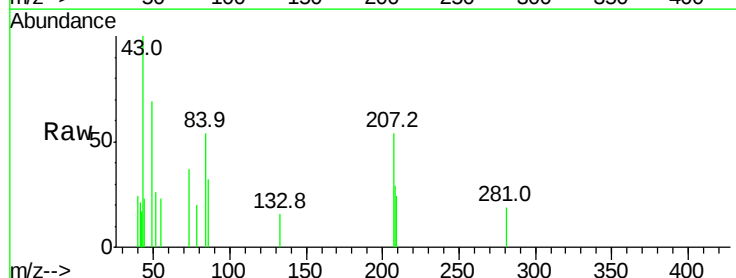
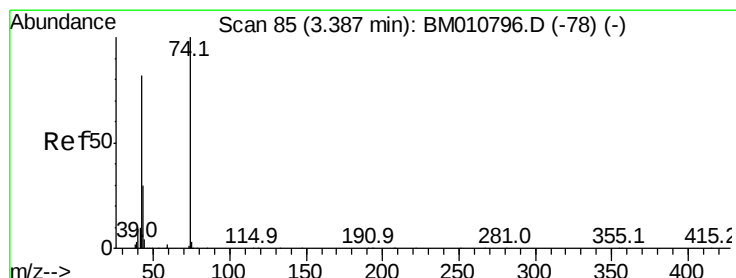
Tgt Ion: 42 Resp: 655

Ion Ratio Lower Upper

42 100

74 0.0 119.3 178.9#

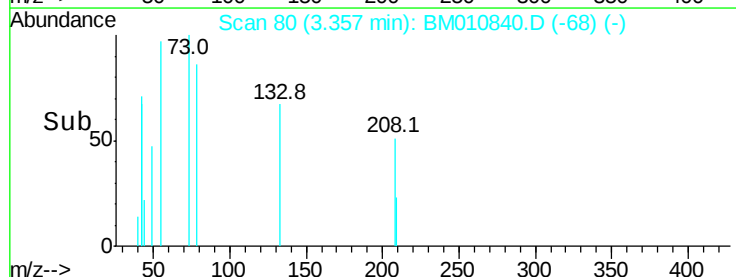
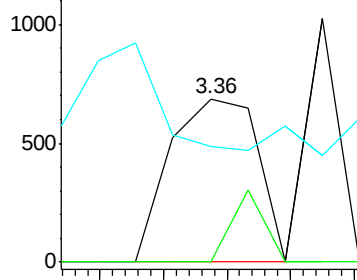
44 70.6 5.4 8.2#

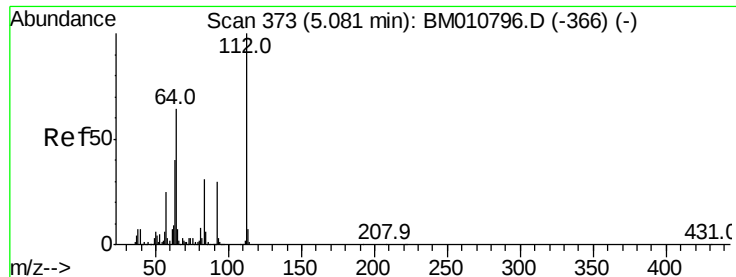


Abundance Ion 42.00 (41.70 to 42.70): BM010840.D (-68) (-)

Ion 74.00 (73.70 to 74.70): BM010840.D (-68) (-)

Ion 44.00 (43.70 to 44.70): BM010840.D (-68) (-)





#5

2-Fluorophenol

Concen: 140.853 ng

RT: 5.08 min Scan# 373

Delta R.T. 0.00 min

Lab File: BM010840.D

Acq: 17 Jul 2017 15:36

Instrument :

BNA_M

ClientSampleId :

PB100669BL

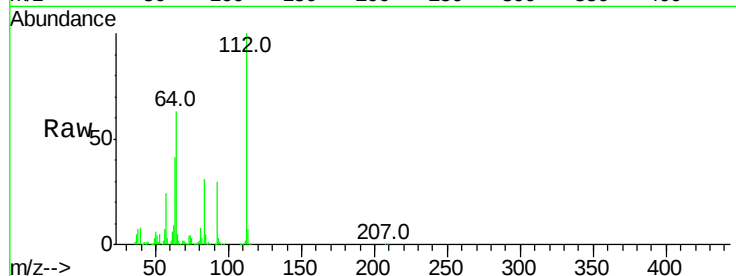
Tot Ion:112 Resp: 2196689

Ion Ratio Lower Upper

112 100

64 63.5 38.6 57.8#

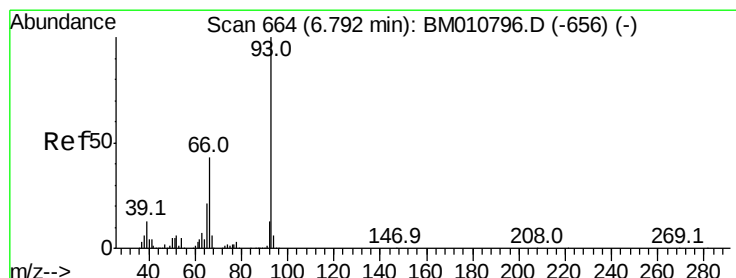
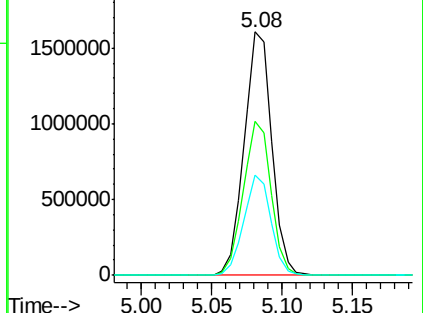
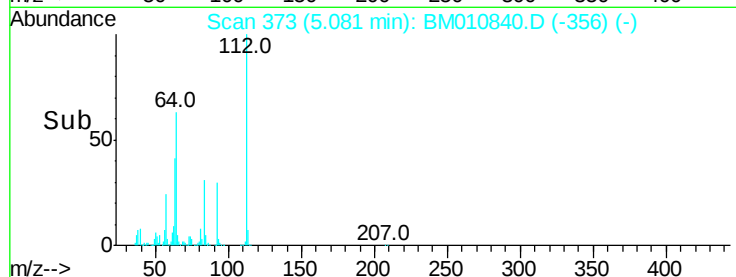
63 41.3 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



#6

Aniline

Concen: 0.021 ng

RT: 6.78 min Scan# 662

Delta R.T. -0.01 min

Lab File: BM010840.D

Acq: 17 Jul 2017 15:36

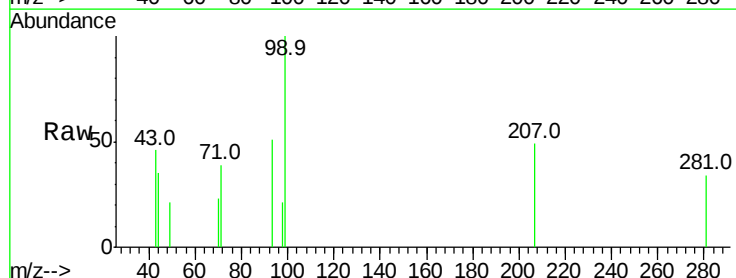
Tgt Ion: 93 Resp: 576

Ion Ratio Lower Upper

93 100

66 0.0 30.8 46.2#

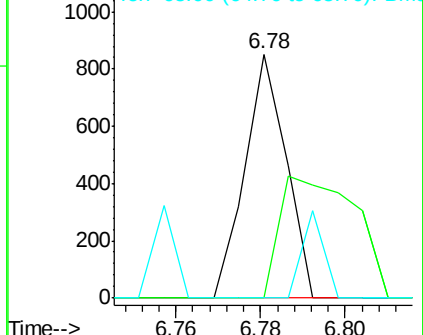
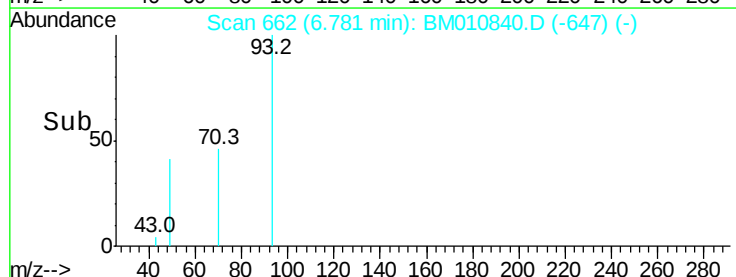
65 0.0 16.0 24.0#

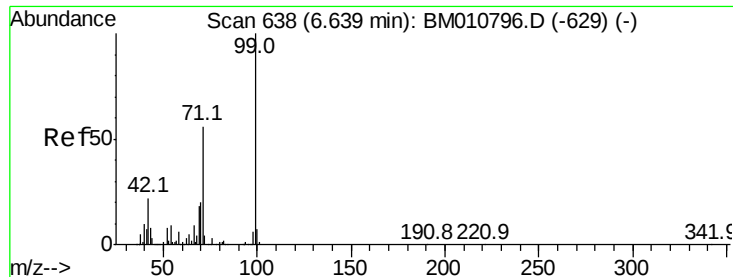


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

Concen: 137.906 ng

RT: 6.64 min Scan# 638

Delta R.T. 0.00 min

Lab File: BM010840.D

Acq: 17 Jul 2017 15:36

Instrument :

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ClientSampleId :

PB100669BL

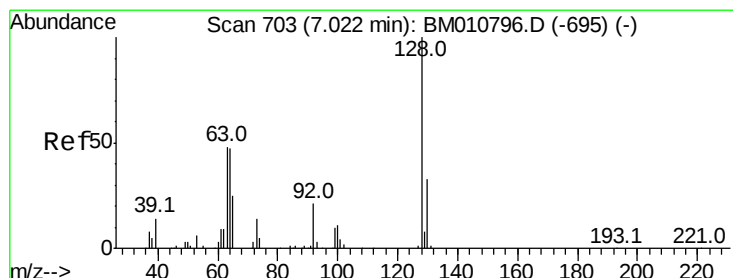
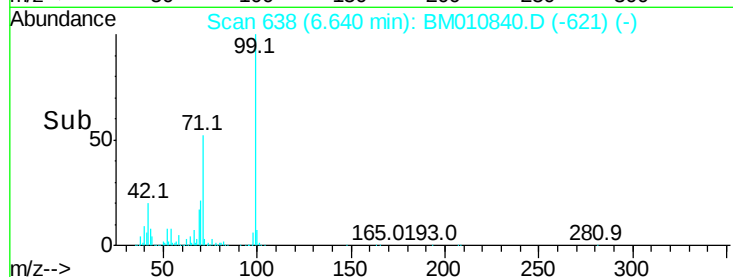
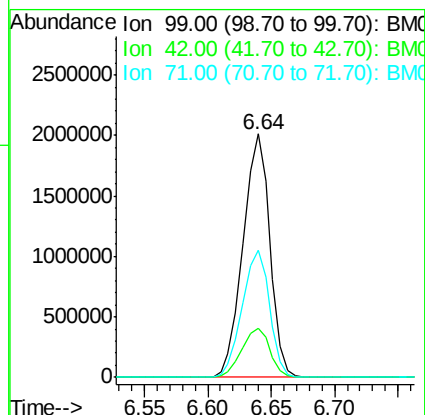
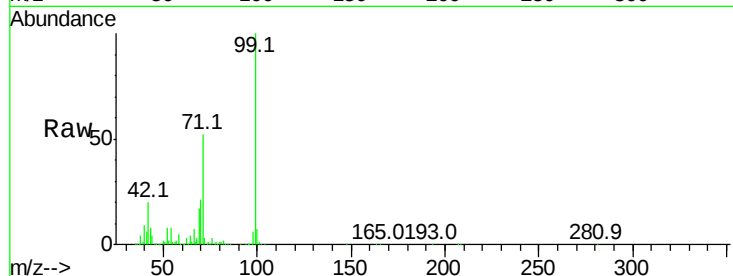
Tot Ion: 99 Resp: 2964969

Ion Ratio Lower Upper

99 100

42 20.3 11.0 16.4#

71 52.1 23.4 35.2#



#8

2-Chlorophenol

Concen: 0.008 ng

RT: 6.98 min Scan# 696

Delta R.T. -0.04 min

Lab File: BM010840.D

Acq: 17 Jul 2017 15:36

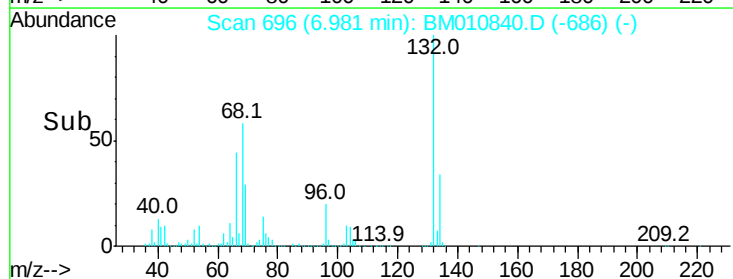
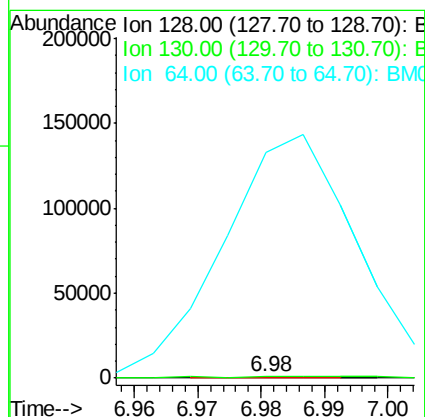
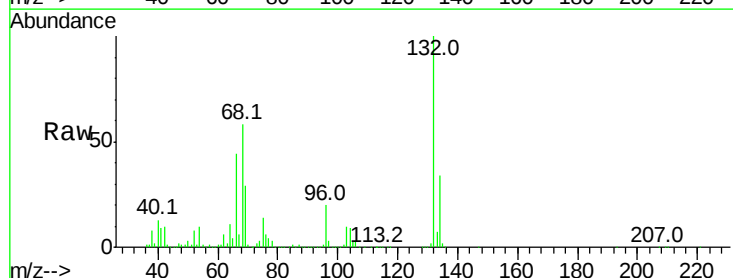
Tgt Ion: 128 Resp: 119

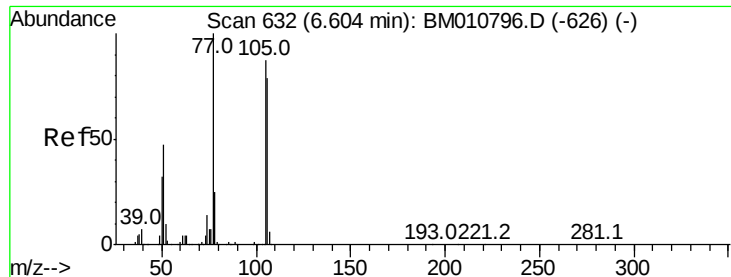
Ion Ratio Lower Upper

128 100

130 344.3 12.0 52.0#

64 39523.8 24.9 64.9#





#9

Benzaldehyde

Concen: 0.028 ng

RT: 6.56 min Scan# 625

Delta R.T. -0.04 min

Lab File: BM010840.D

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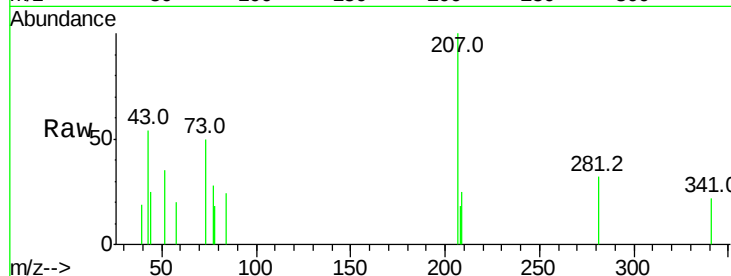
Tot Ion: 77 Resp: 411

Ion Ratio Lower Upper

77 100

105 0.0 78.8 118.8#

106 0.0 73.7 113.7#



Abundance Ion 77.00 (76.70 to 77.70): BM010796.D (-626) (-)

Ion 105.00 (104.70 to 105.70): BM010796.D (-626) (-)

Ion 106.00 (105.70 to 106.70): BM010796.D (-626) (-)

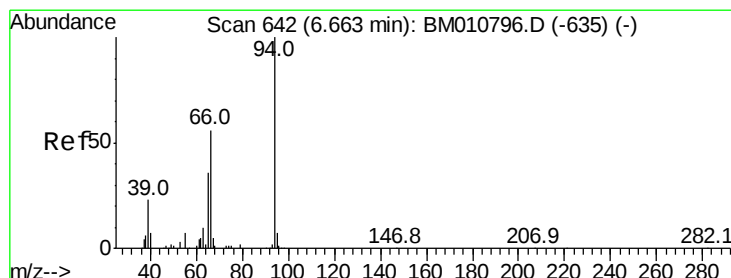
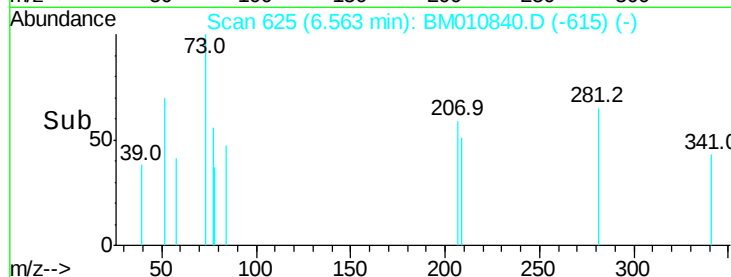
6.56

400

200

0

Time-->



#10

Phenol

Concen: 0.031 ng

RT: 6.64 min Scan# 638

Delta R.T. -0.02 min

Lab File: BM010840.D

Acq: 17 Jul 2017 15:36

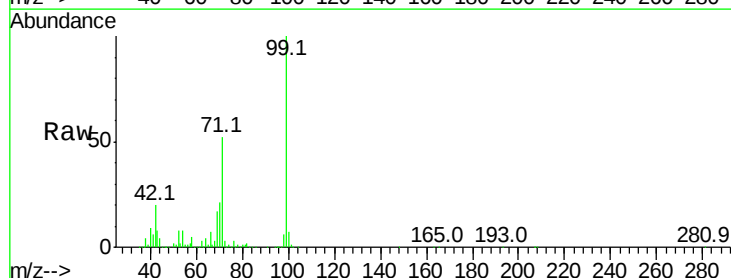
Tgt Ion: 94 Resp: 714

Ion Ratio Lower Upper

94 100

65 2832.6 18.8 58.8#

66 15972.5 39.9 79.9#



Abundance Ion 94.00 (93.70 to 94.70): BM010796.D (-635) (-)

Ion 65.00 (64.70 to 65.70): BM010796.D (-635) (-)

Ion 66.00 (65.70 to 66.70): BM010796.D (-635) (-)

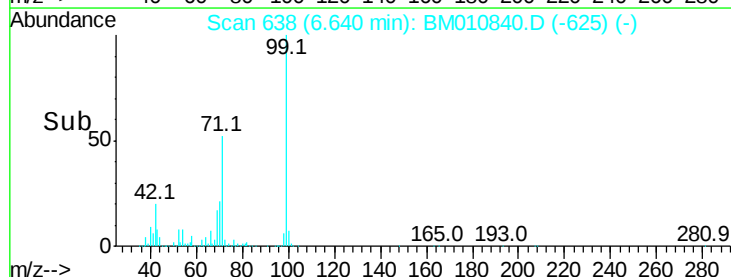
150000

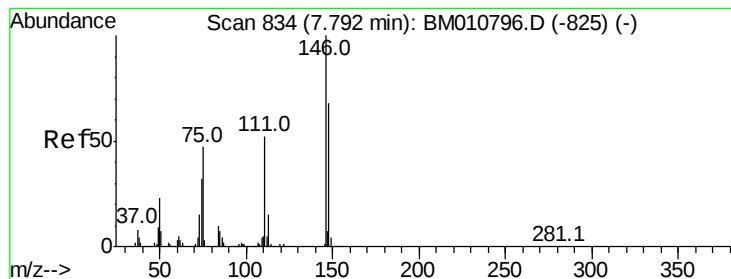
100000

50000

0

Time-->





#14

1,2-Dichlorobenzene

Concen: 0.015 ng

RT: 7.79 min Scan# 834

Delta R.T. 0.00 min

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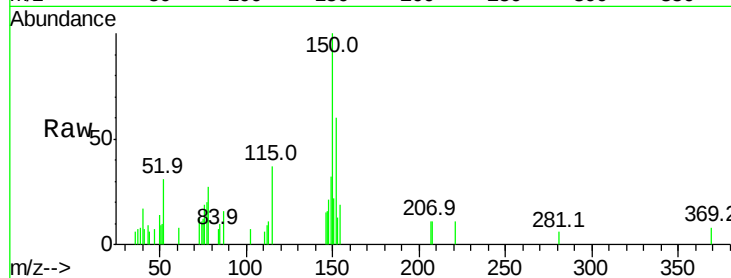
Tot Ion:146 Resp: 275

Ion Ratio Lower Upper

146 100

148 140.8 52.3 78.5#

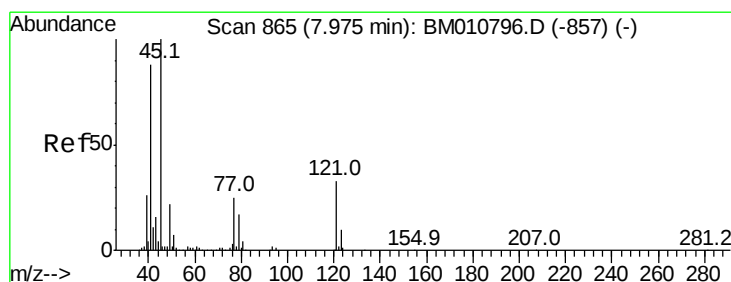
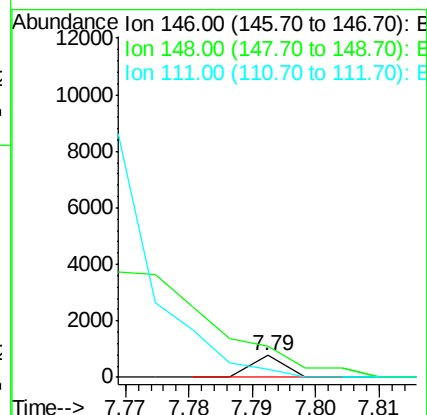
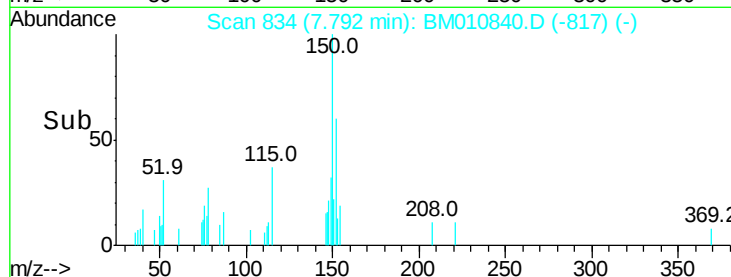
111 38.6 30.6 45.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.012 ng

RT: 7.98 min Scan# 866

Delta R.T. 0.01 min

Lab File: BM010840.D

Acq: 17 Jul 2017 15:36

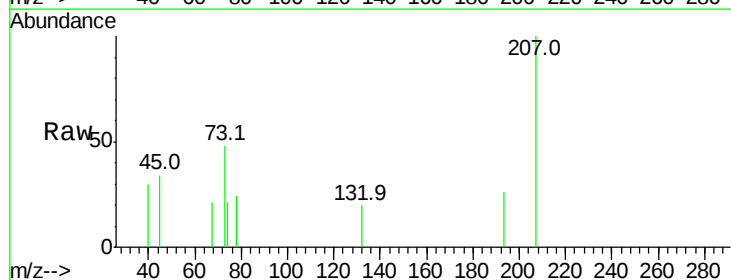
Tgt Ion: 45 Resp: 178

Ion Ratio Lower Upper

45 100

77 0.0 0.0 35.2

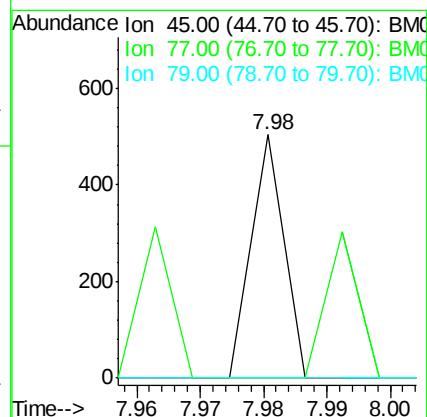
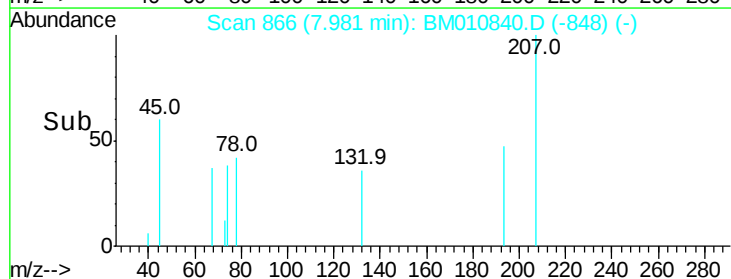
79 0.0 0.0 32.0

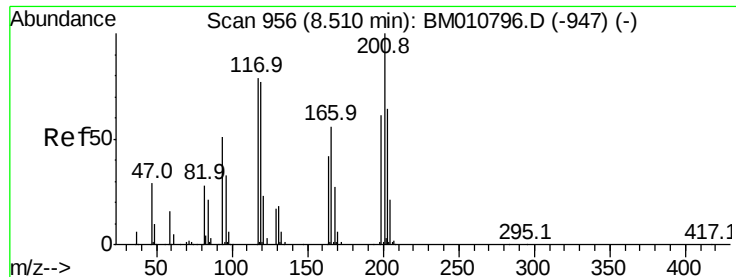


Abundance Ion 45.00 (44.70 to 45.70): BM0

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0

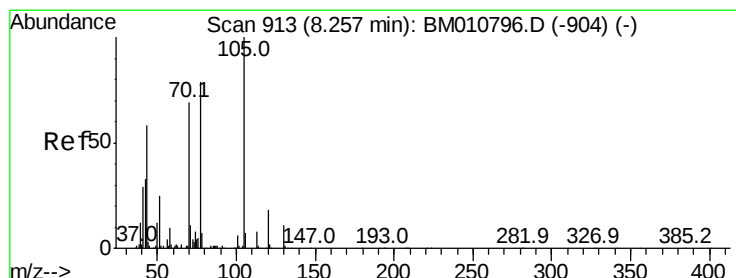
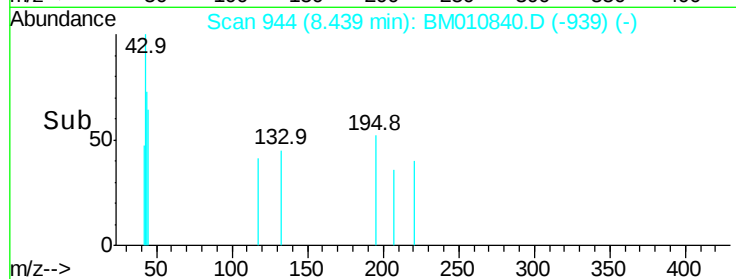
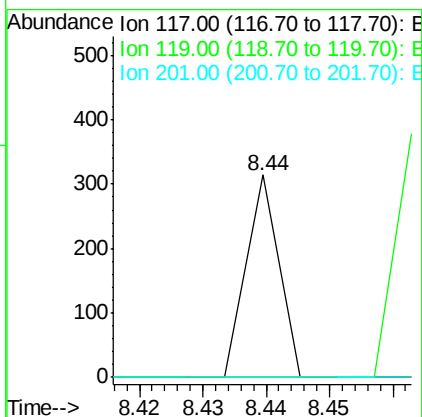
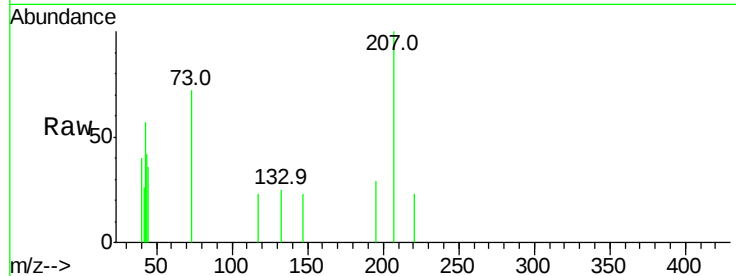




#18
Hexachloroethane
Concen: 0.013 ng
RT: 8.44 min Scan# 944
Delta R.T. -0.07 min
Lab File: BM010840.D
Acq: 17 Jul 2017 15:36

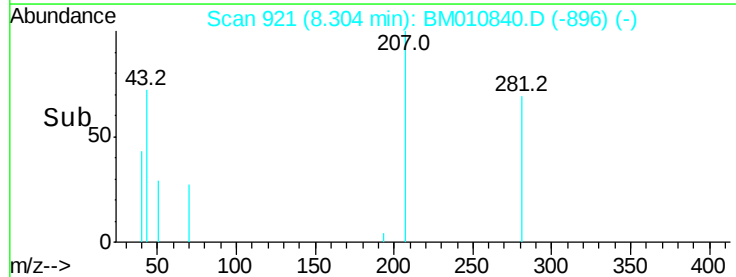
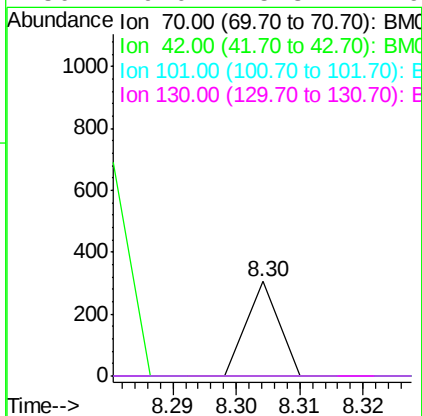
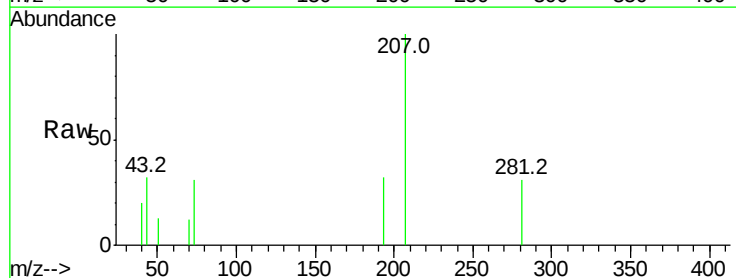
Instrument :
BNA_M
ClientSampleId :
PB100669BL

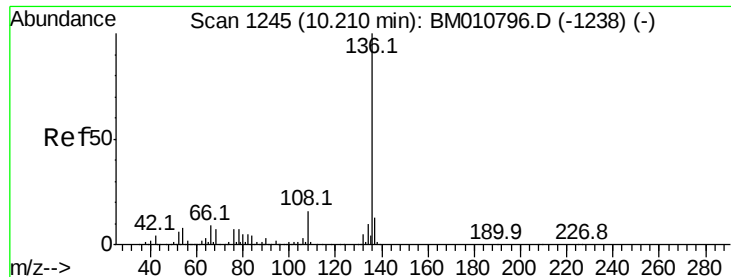
Tot Ion:117 Resp: 111
Ion Ratio Lower Upper
117 100
119 0.0 79.2 118.8#
201 0.0 69.8 104.6#



#19
n-Nitroso-di-n-propylamine
Concen: 0.006 ng
RT: 8.30 min Scan# 921
Delta R.T. 0.05 min
Lab File: BM010840.D
Acq: 17 Jul 2017 15:36

Tgt Ion: 70 Resp: 108
Ion Ratio Lower Upper
70 100
42 0.0 44.5 66.7#
101 0.0 7.4 11.2#
130 0.0 15.3 22.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.20 min Scan# 1244

Delta R.T. -0.01 min

Lab File: BM010840.D

Acq: 17 Jul 2017 15:36

Instrument :

BNA_M

ClientSampleId :

PB100669BL

Tot Ion:136 Resp: 1019931

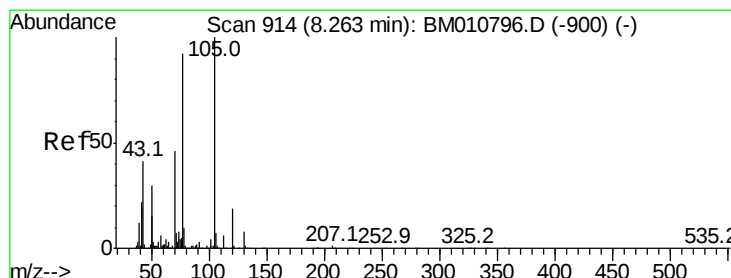
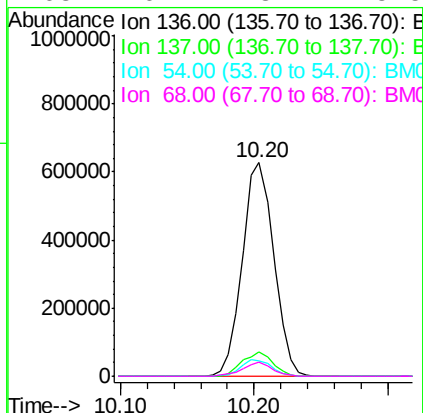
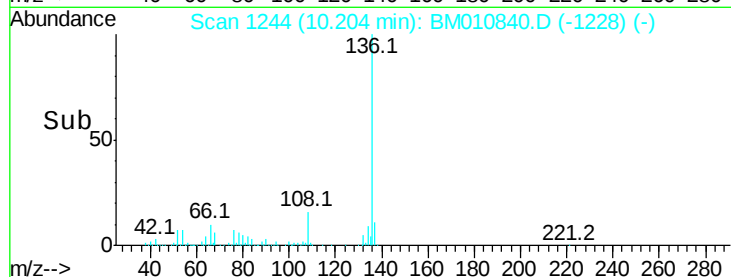
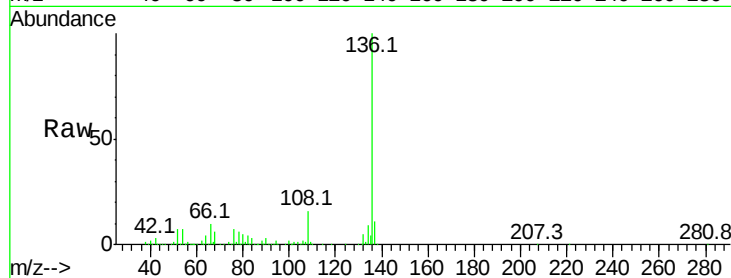
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 7.2 4.6 6.8#

68 6.4 3.7 5.5#



#22

Acetophenone

Concen: 0.013 ng

RT: 8.21 min Scan# 905

Delta R.T. -0.05 min

Lab File: BM010840.D

Acq: 17 Jul 2017 15:36

Tgt Ion:105 Resp: 411

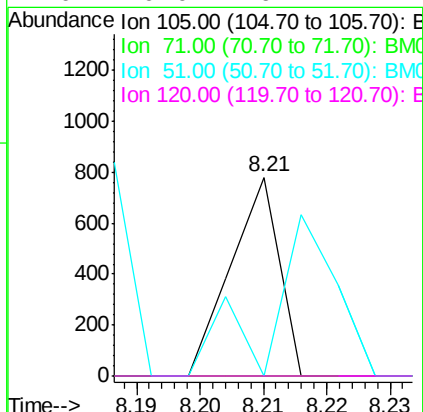
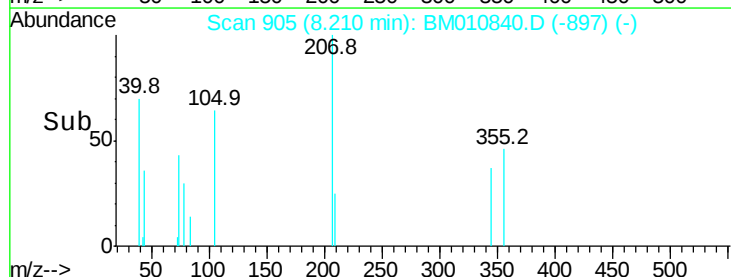
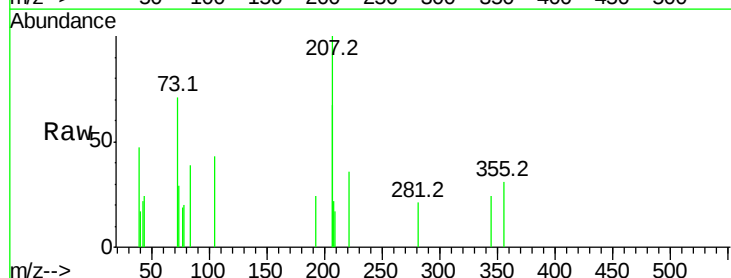
Ion Ratio Lower Upper

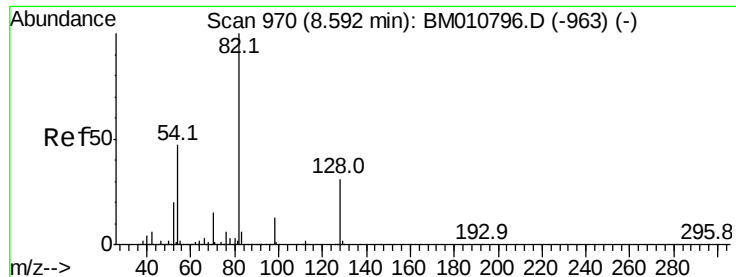
105 100

71 0.0 0.6 1.0#

51 0.0 21.6 32.4#

120 0.0 16.1 24.1#

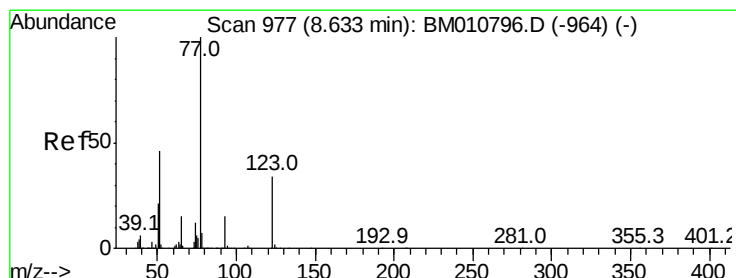
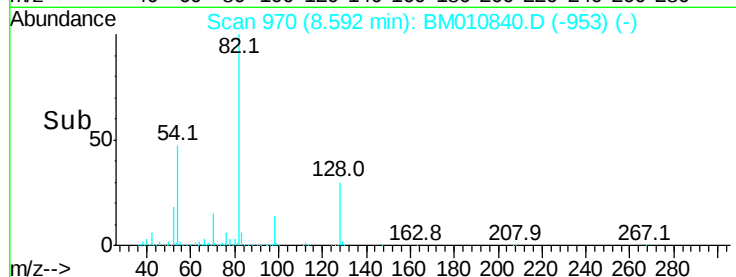
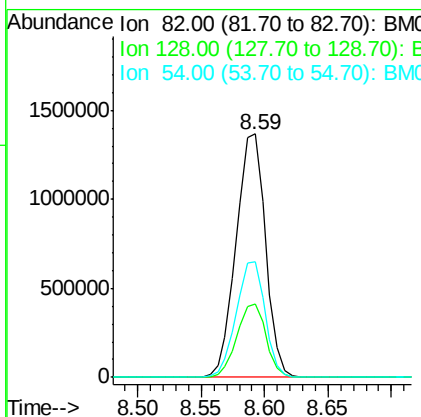
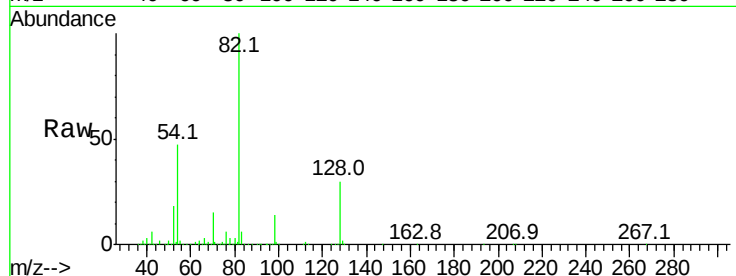




#23
Nitrobenzene-d5
Concen: 83.210 ng
RT: 8.59 min Scan# 970
Delta R.T. 0.00 min
Lab File: BM010840.D
Acq: 17 Jul 2017 15:36

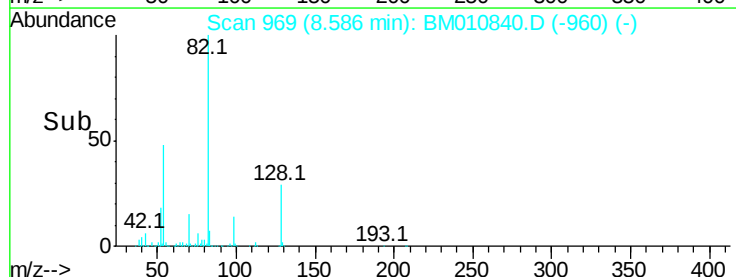
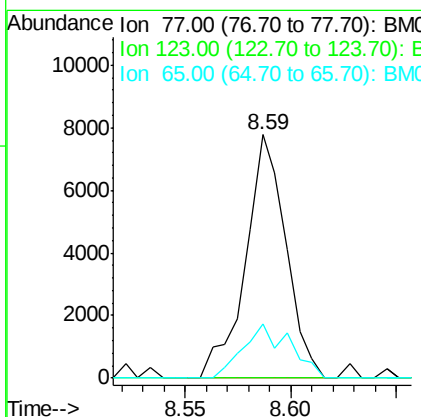
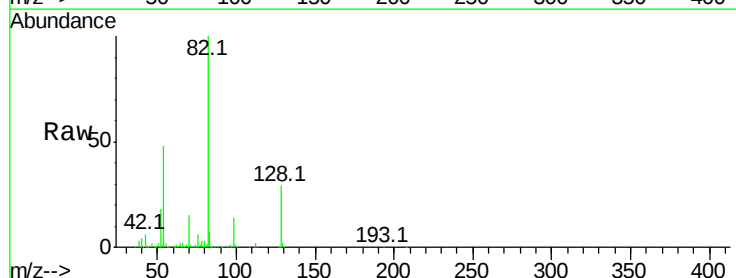
Instrument :
BNA_M
ClientSampleId :
PB100669BL

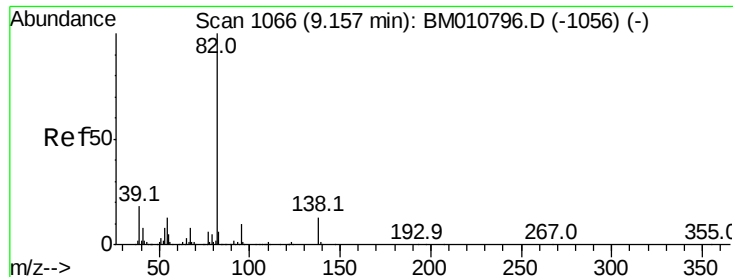
Tot Ion: 82 Resp: 2207960
Ion Ratio Lower Upper
82 100
128 30.1 32.8 49.2#
54 47.2 40.6 60.8



#24
Nitrobenzene
Concen: 0.379 ng
RT: 8.59 min Scan# 969
Delta R.T. -0.05 min
Lab File: BM010840.D
Acq: 17 Jul 2017 15:36

Tgt Ion: 77 Resp: 10307
Ion Ratio Lower Upper
77 100
123 0.0 32.6 49.0#
65 22.4 10.9 16.3#





#25

Isophorone

Concen: 0.002 ng

RT: 9.13 min Scan# 1062

Delta R.T. -0.02 min

Lab File: BM010840.D

Acq: 17 Jul 2017 15:36

Instrument :

BNA_M

ClientSampleId :

PB100669BL

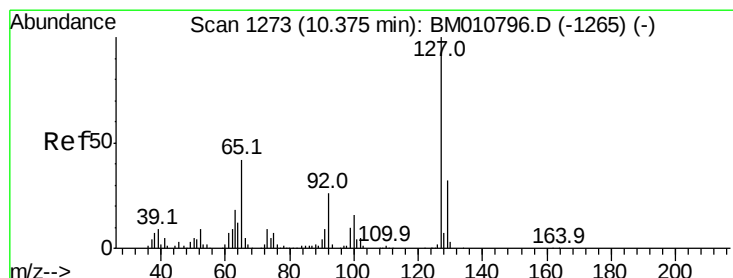
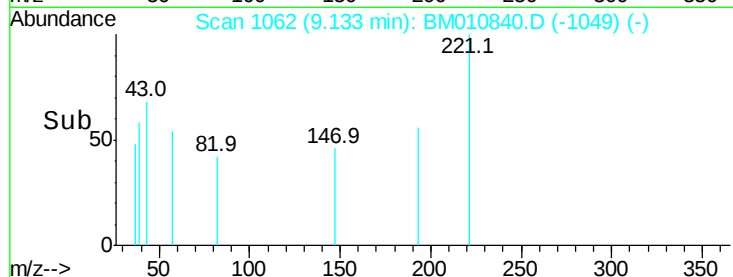
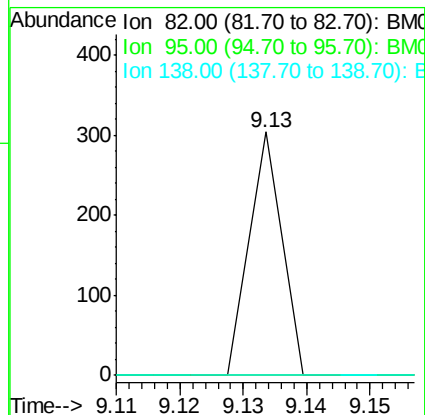
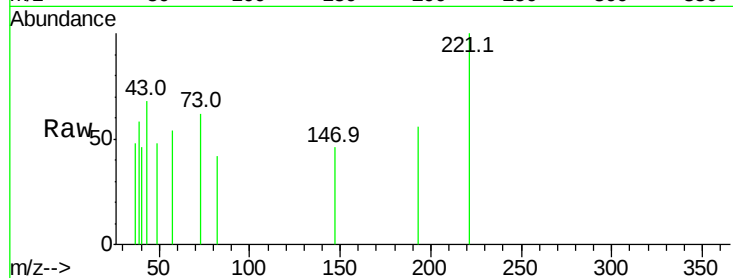
Tot Ion: 82 Resp: 107

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 16.3 24.5#



#33

4-Chloroaniline

Concen: 0.015 ng

RT: 10.38 min Scan# 1274

Delta R.T. 0.01 min

Lab File: BM010840.D

Acq: 17 Jul 2017 15:36

Tgt Ion: 127 Resp: 321

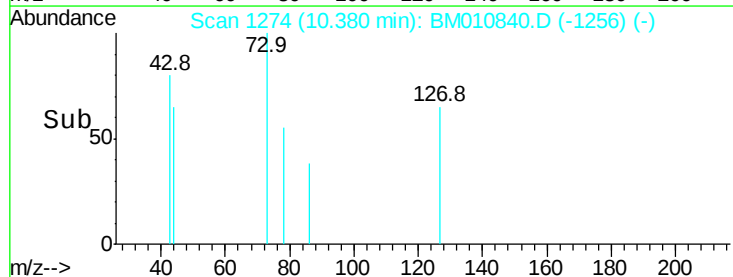
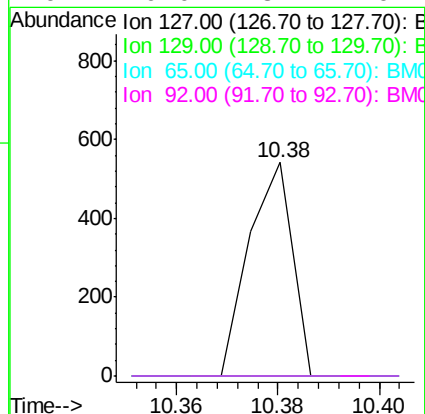
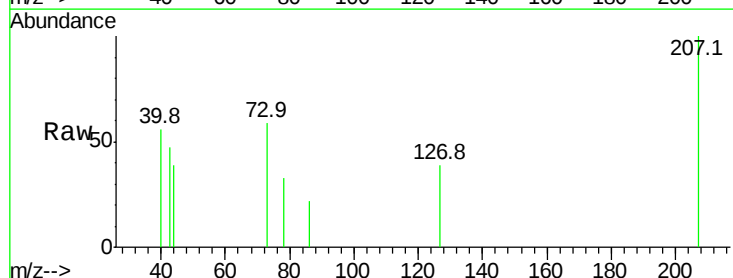
Ion Ratio Lower Upper

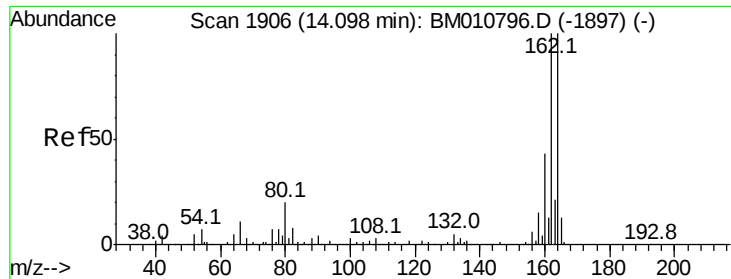
127 100

129 0.0 25.3 37.9#

65 0.0 17.6 26.4#

92 0.0 13.1 19.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.09 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BM010840.D

Acq: 17 Jul 2017 15:36

Instrument :

BNA_M

ClientSampleId :

PB100669BL

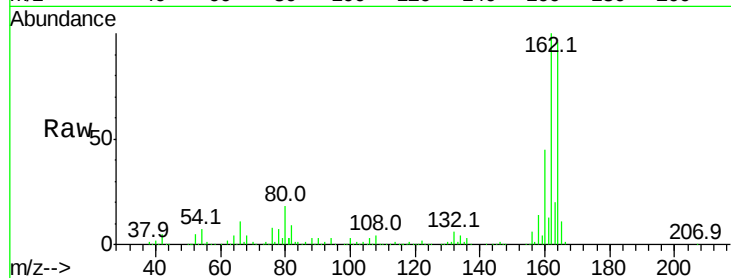
Tot Ion:164 Resp: 678992

Ion Ratio Lower Upper

164 100

162 104.1 82.4 123.6

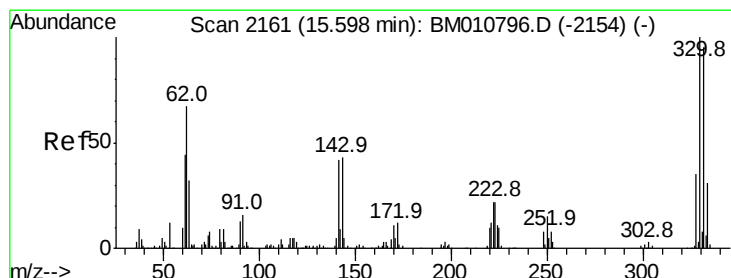
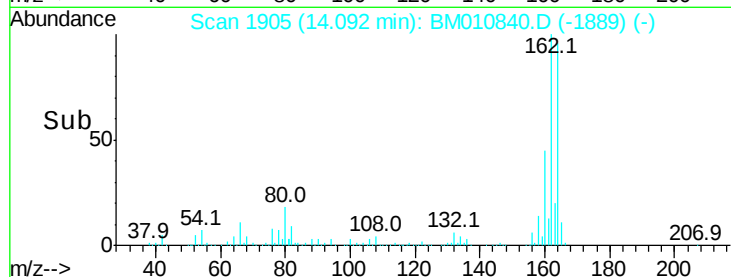
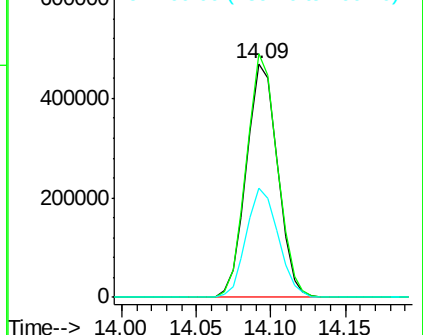
160 46.8 35.8 53.6



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



#41

2,4,6-Tribromophenol

Concen: 137.061 ng

RT: 15.60 min Scan# 2161

Delta R.T. 0.00 min

Lab File: BM010840.D

Acq: 17 Jul 2017 15:36

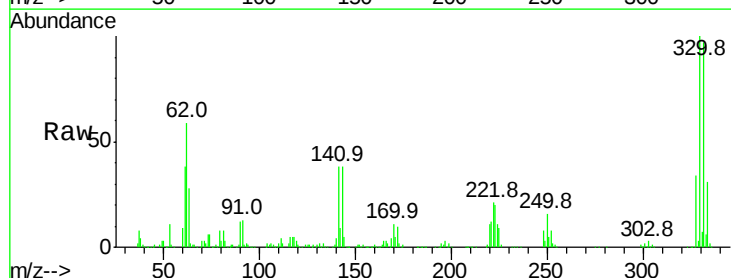
Tgt Ion:330 Resp: 1422183

Ion Ratio Lower Upper

330 100

332 97.5 0.0 0.0#

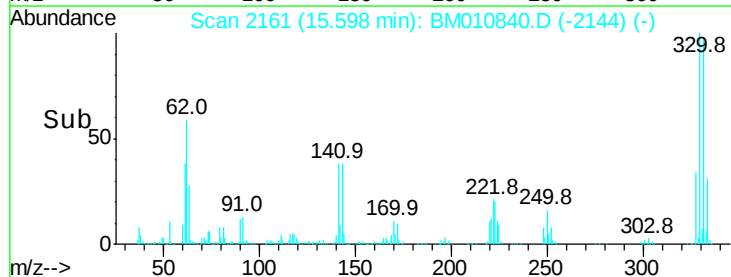
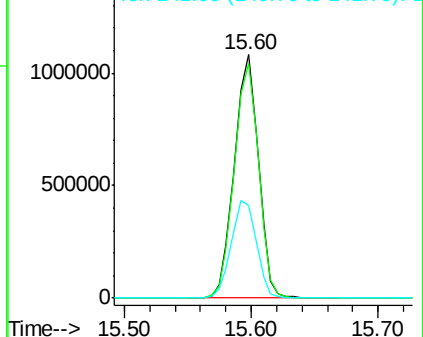
141 41.9 0.0 0.0#

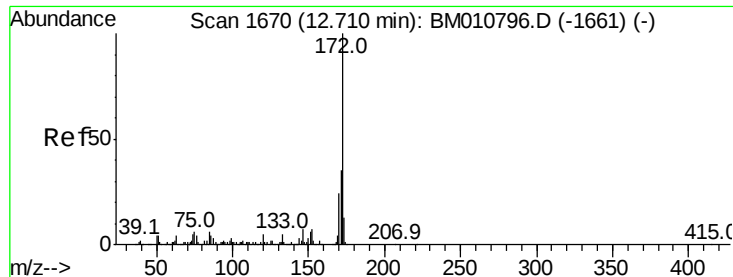


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 83.395 ng

RT: 12.71 min Scan# 1670

Delta R.T. 0.00 min

Lab File: BM010840.D

Acq: 17 Jul 2017 15:36

Instrument :

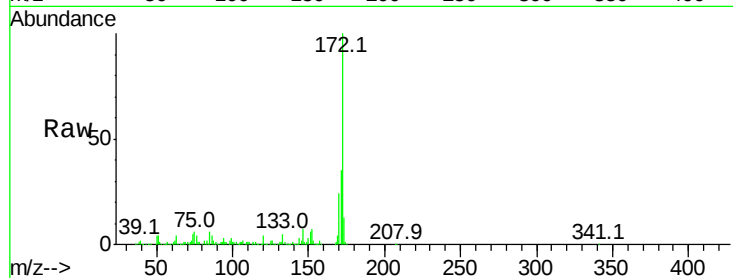
BNA_M

ClientSampleId :

PB100669BL

Tot Ion:172 Resp: 4551727

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.5	42.7
170	23.7	18.8	28.2

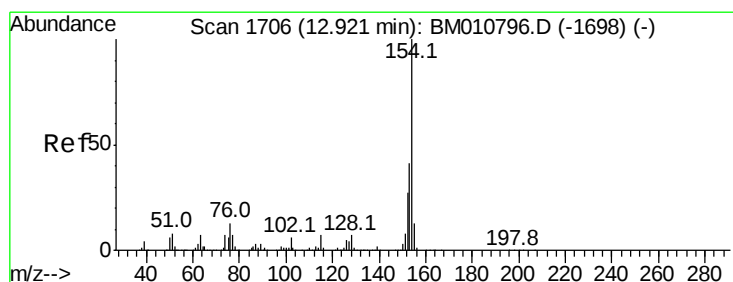
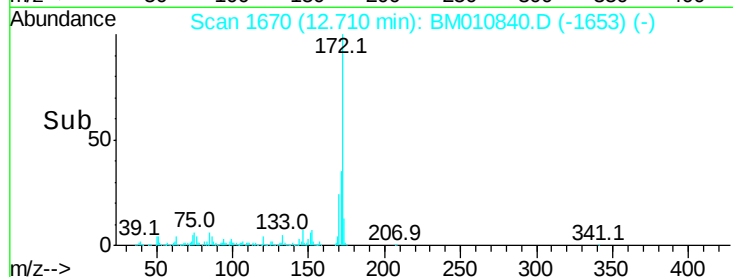
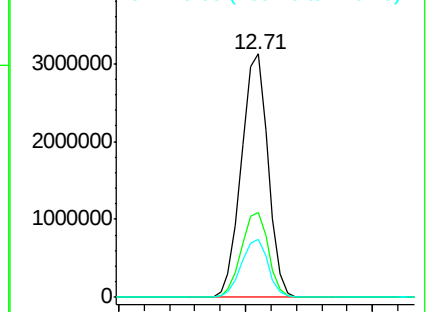


Abundance

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



#45

1,1'-Biphenyl

Concen: 0.097 ng

RT: 12.92 min Scan# 1706

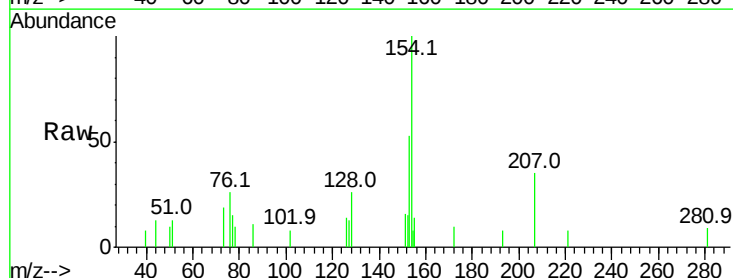
Delta R.T. 0.00 min

Lab File: BM010840.D

Acq: 17 Jul 2017 15:36

Tgt Ion:154 Resp: 5714

Ion	Ratio	Lower	Upper
154	100		
153	53.2	20.7	60.7
76	26.0	0.0	30.9

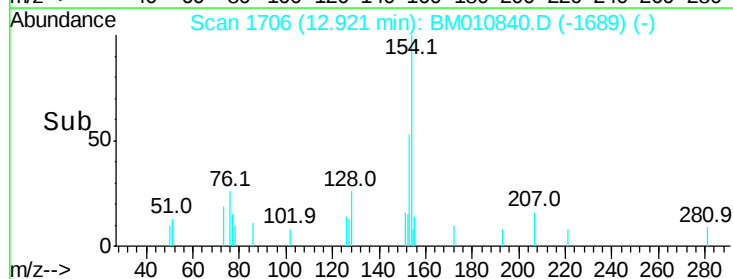
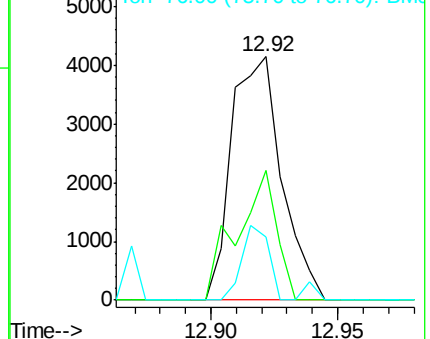


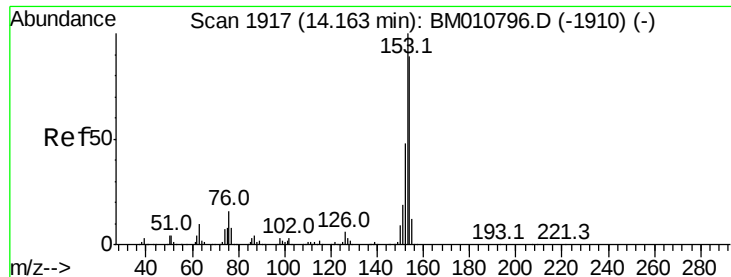
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM





#51

Acenaphthene

Concen: 0.064 ng

RT: 14.10 min Scan# 1906

Delta R.T. -0.06 min

Lab File: BM010840.D

Acq: 17 Jul 2017 15:36

Instrument :

BNA_M

ClientSampleId :

PB100669BL

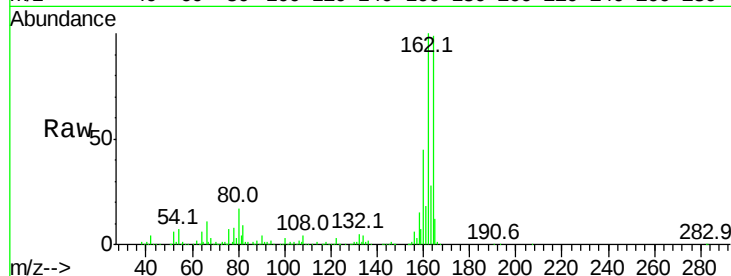
Tot Ion:154 Resp: 2504

Ion Ratio Lower Upper

154 100

153 26.9 90.0 135.0#

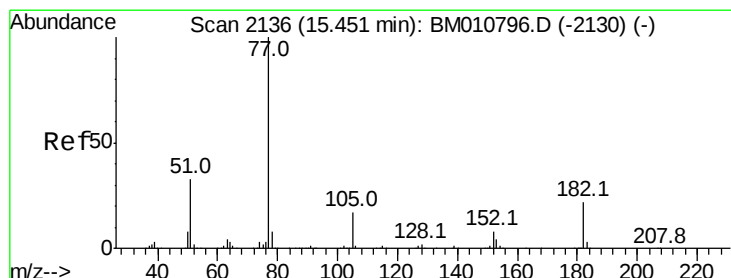
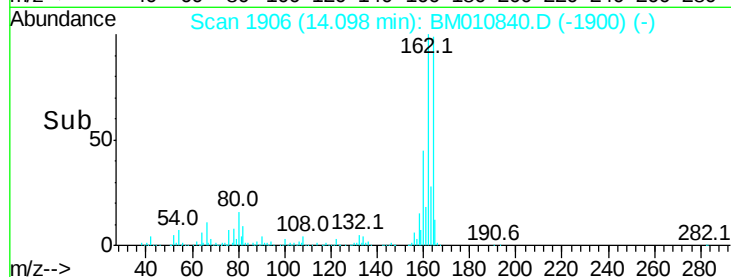
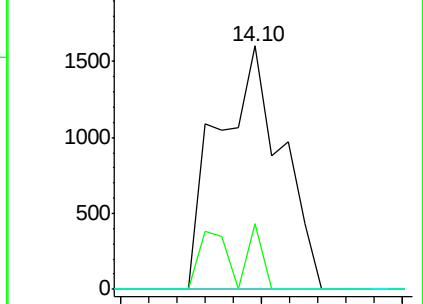
152 0.0 42.6 63.8#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#62

Azobenzene

Concen: 0.002 ng

RT: 15.41 min Scan# 2129

Delta R.T. -0.04 min

Lab File: BM010840.D

Acq: 17 Jul 2017 15:36

Tgt Ion: 77 Resp: 133

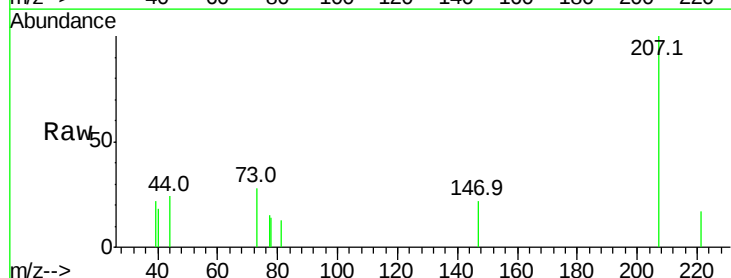
Ion Ratio Lower Upper

77 100

182 0.0 6.5 46.5#

105 0.0 3.8 43.8#

51 0.0 5.5 45.5#

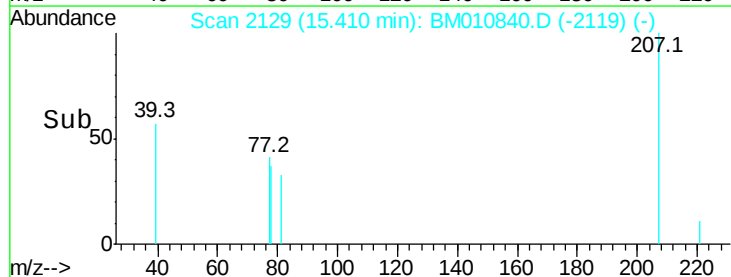
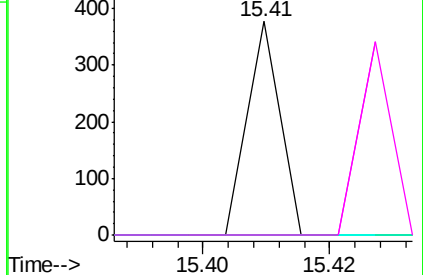


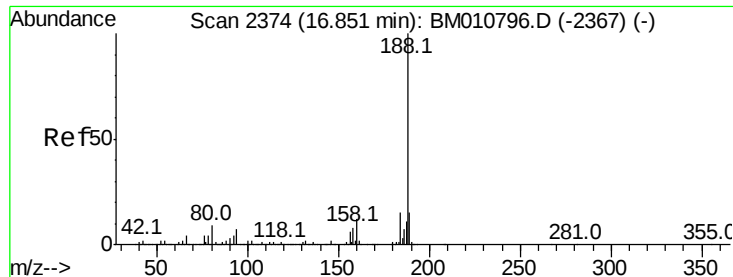
Abundance Ion 77.00 (76.70 to 77.70): BM0

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

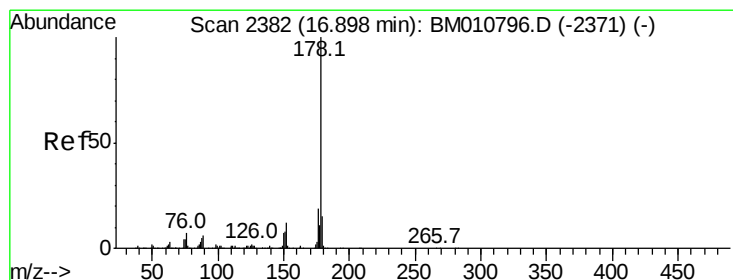
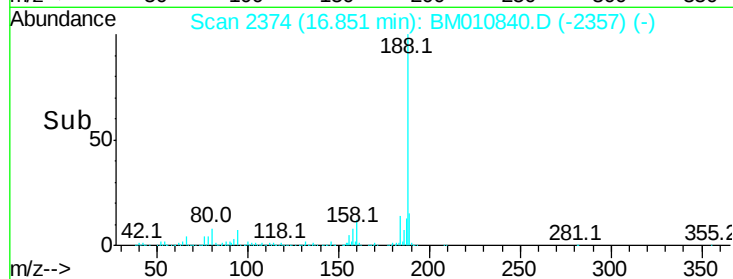
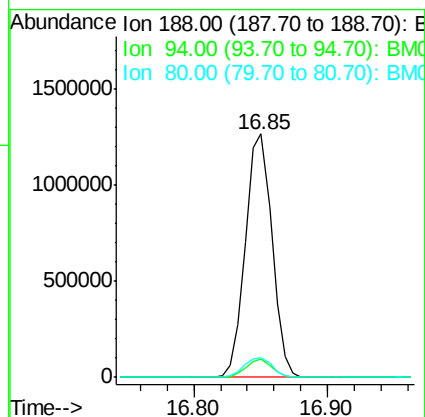
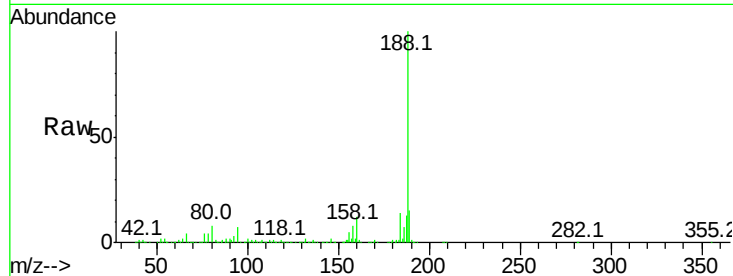




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.85 min Scan# 2374
 Delta R.T. 0.00 min
 Lab File: BM010840.D
 Acq: 17 Jul 2017 15:36

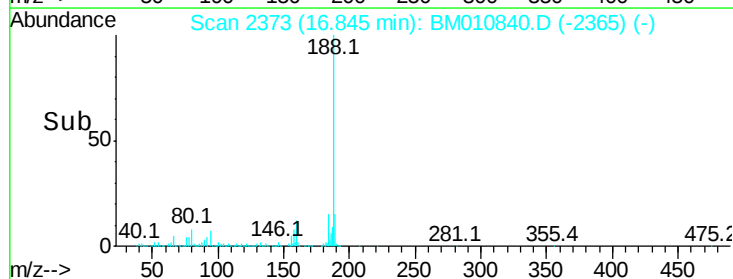
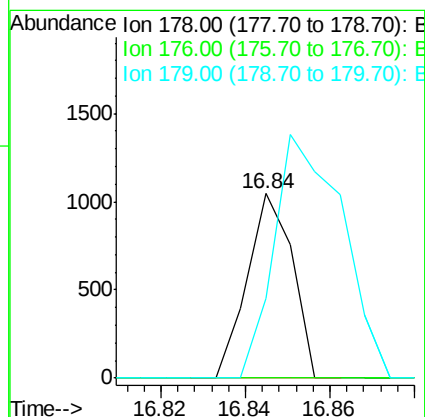
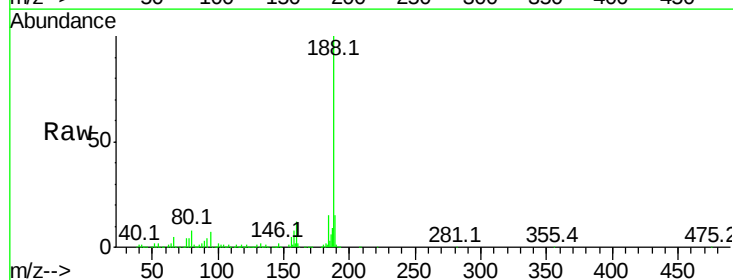
Instrument :
 BNA_M
 ClientSampleId :
 PB100669BL

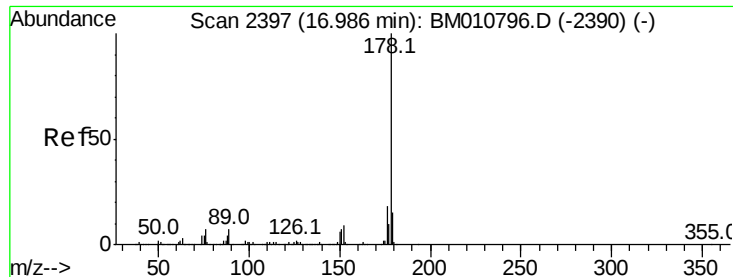
Tot Ion:188 Resp: 1738765
 Ion Ratio Lower Upper
 188 100
 94 7.3 8.7 13.1#
 80 8.1 9.3 13.9#



#70
 Phenanthrene
 Concen: 0.009 ng
 RT: 16.84 min Scan# 2373
 Delta R.T. -0.05 min
 Lab File: BM010840.D
 Acq: 17 Jul 2017 15:36

Tgt Ion:178 Resp: 776
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.2 22.8#
 179 43.1 12.1 18.1#





#71

Anthracene

Concen: 0.002 ng

RT: 17.03 min Scan# 2405

Delta R.T. 0.05 min

Lab File: BM010840.D

Acq: 17 Jul 2017 15:36

Instrument :

BNA_M

ClientSampleId :

PB100669BL

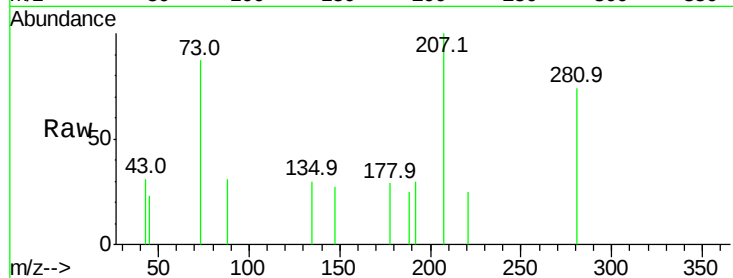
Tot Ion:178 Resp: 137

Ion Ratio Lower Upper

178 100

176 0.0 14.6 22.0#

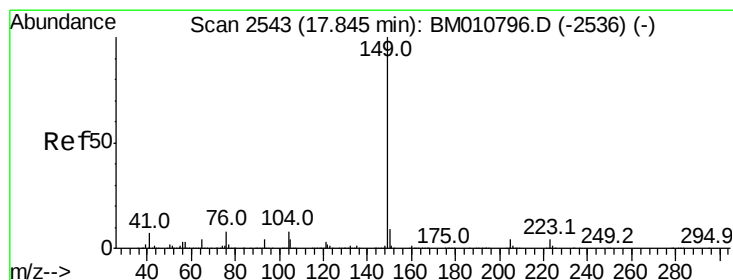
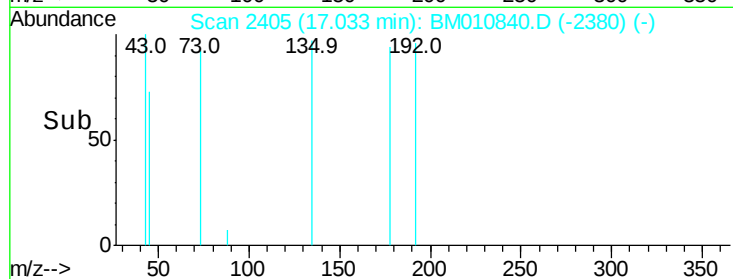
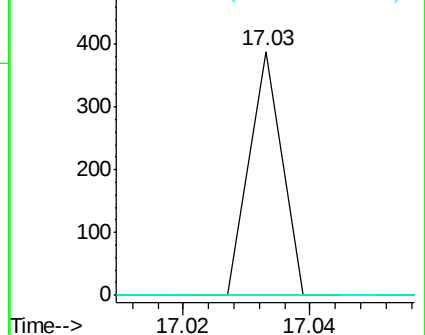
179 0.0 12.6 19.0#



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



#73

Di-n-butylphthalate

Concen: 0.005 ng

RT: 17.84 min Scan# 2542

Delta R.T. -0.01 min

Lab File: BM010840.D

Acq: 17 Jul 2017 15:36

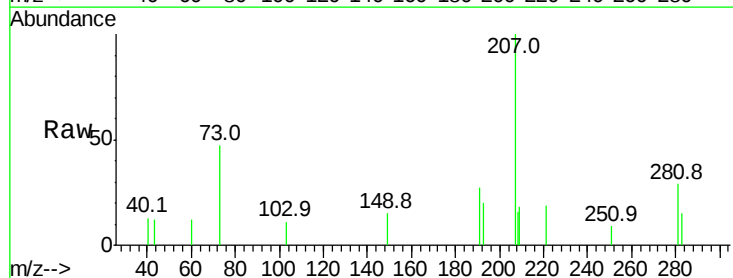
Tgt Ion:149 Resp: 471

Ion Ratio Lower Upper

149 100

150 0.0 7.5 11.3#

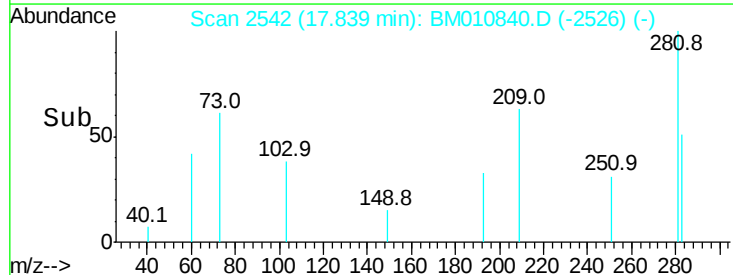
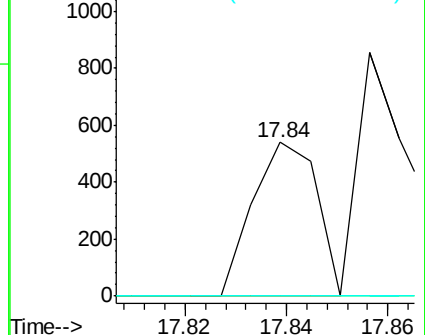
104 0.0 3.7 5.5#

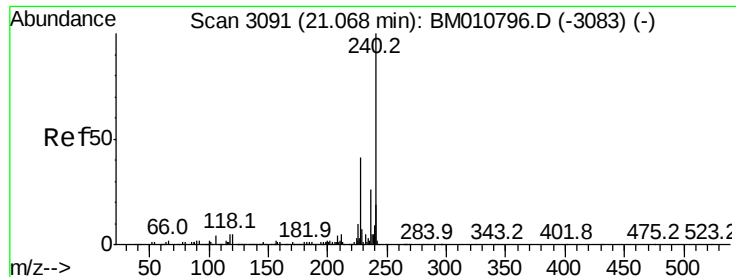


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

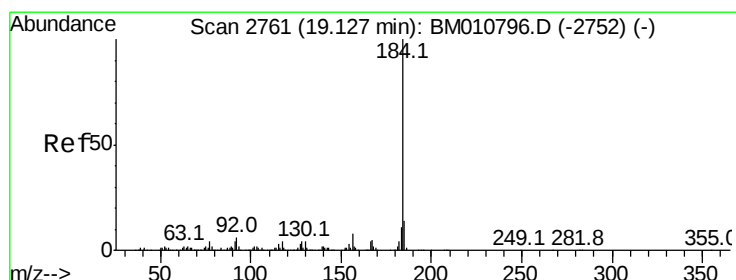
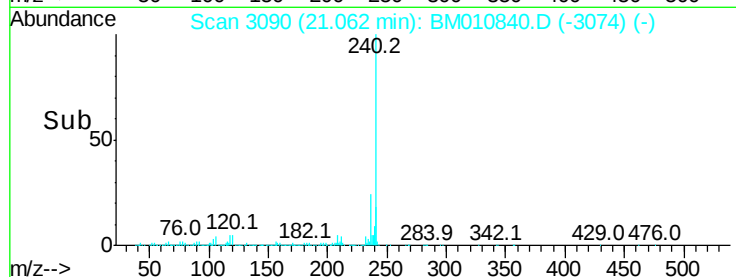
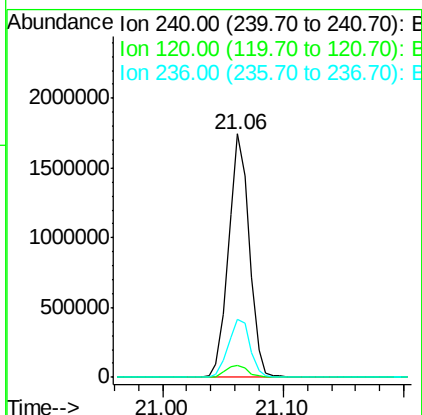
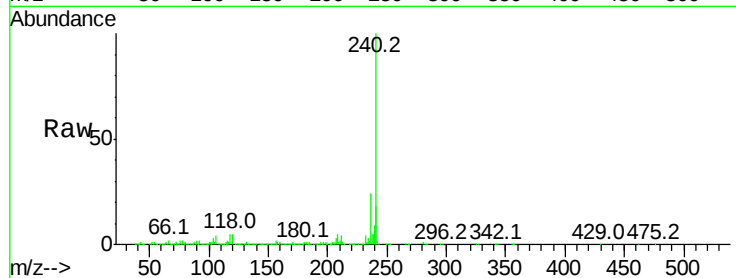




#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.06 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM010840.D
Acq: 17 Jul 2017 15:36

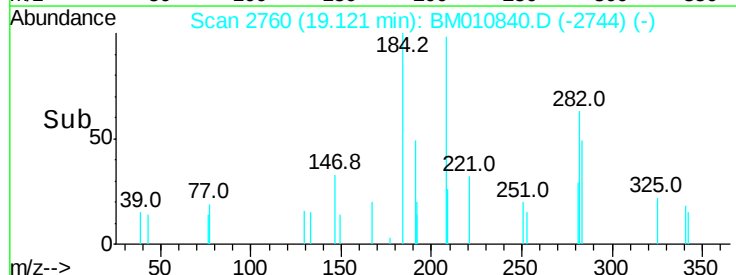
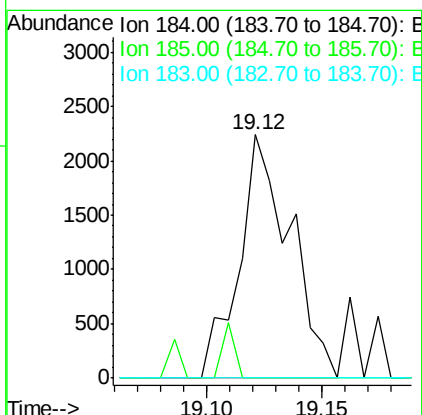
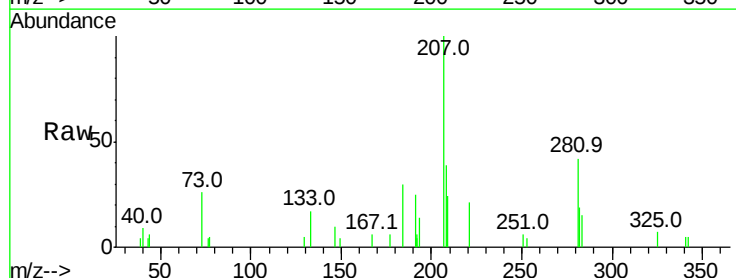
Instrument :
BNA_M
ClientSampleId :
PB100669BL

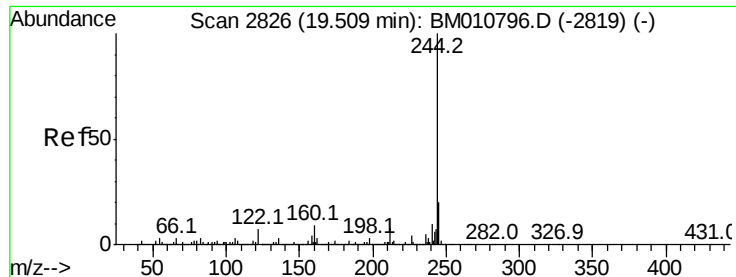
Tot Ion:240 Resp: 2083634
Ion Ratio Lower Upper
240 100
120 5.0 8.2 12.2#
236 24.0 20.0 30.0



#76
Benzidine
Concen: 0.062 ng
RT: 19.12 min Scan# 2760
Delta R.T. -0.01 min
Lab File: BM010840.D
Acq: 17 Jul 2017 15:36

Tgt Ion:184 Resp: 3456
Ion Ratio Lower Upper
184 100
185 0.0 11.3 16.9#
183 0.0 8.9 13.3#





#78

Terphenyl-d14

Concen: 75.186 ng

RT: 19.51 min Scan# 2826

Delta R.T. 0.00 min

Lab File: BM010840.D

Acq: 17 Jul 2017 15:36

Instrument :

BNA_M

ClientSampleId :

PB100669BL

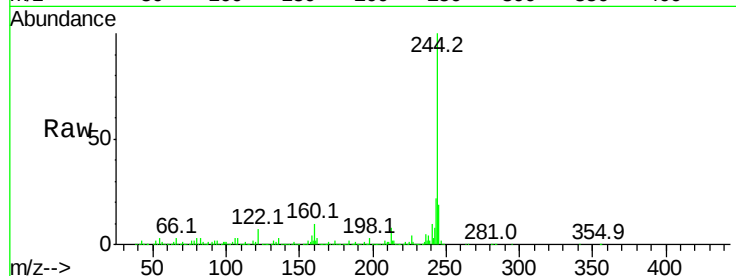
Tot Ion:244 Resp: 8099921

Ion Ratio Lower Upper

244 100

212 8.3 4.9 7.3#

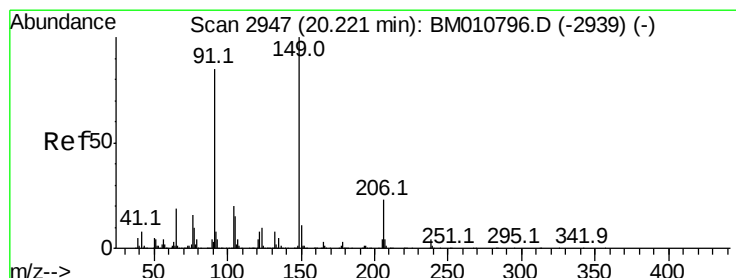
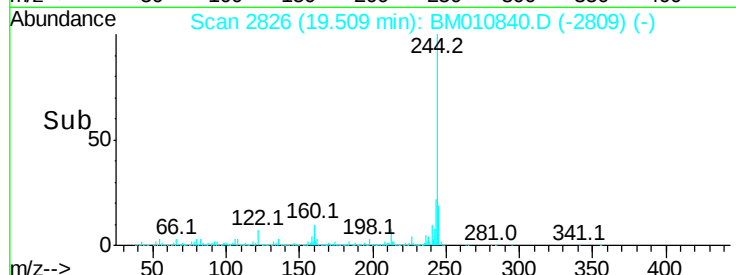
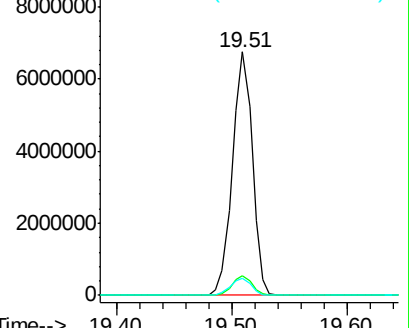
122 6.9 6.2 9.4



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



#79

Butylbenzylphthalate

Concen: 0.029 ng

RT: 20.19 min Scan# 2942

Delta R.T. -0.03 min

Lab File: BM010840.D

Acq: 17 Jul 2017 15:36

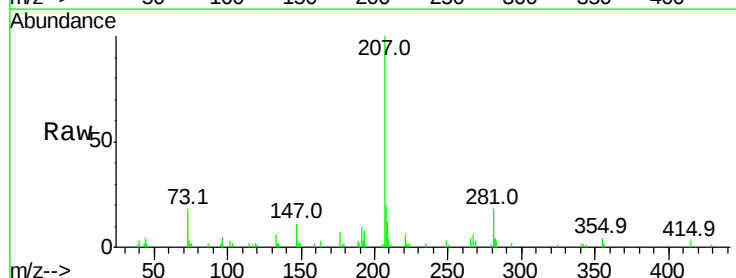
Tgt Ion:149 Resp: 1246

Ion Ratio Lower Upper

149 100

91 0.0 50.1 75.1#

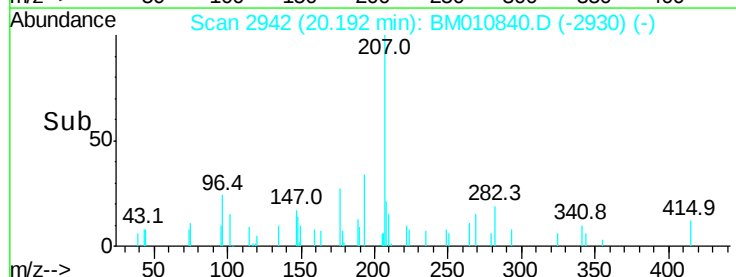
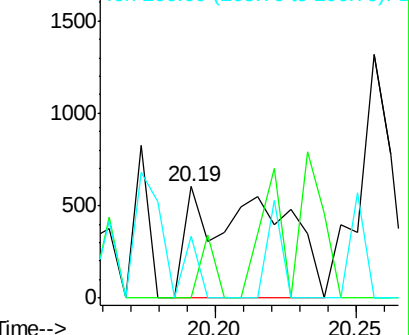
206 55.0 16.2 24.2#

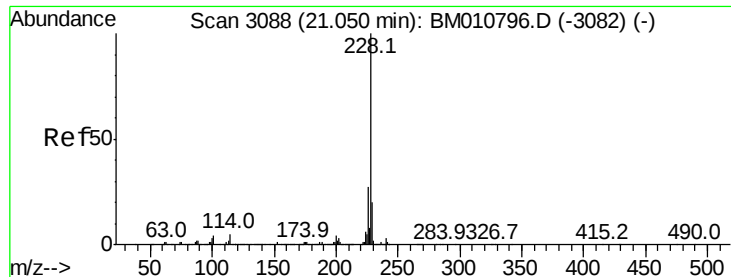


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 0.055 ng

RT: 21.07 min Scan# 3091

Delta R.T. 0.02 min

Lab File: BM010840.D

Acq: 17 Jul 2017 15:36

Instrument :

BNA_M

ClientSampleId :

PB100669BL

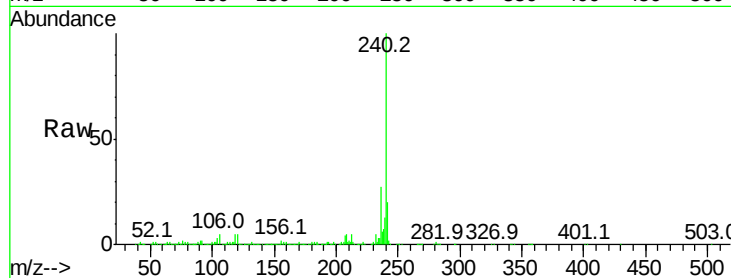
Tot Ion:228 Resp: 6647

Ion Ratio Lower Upper

228 100

226 0.0 21.7 32.5#

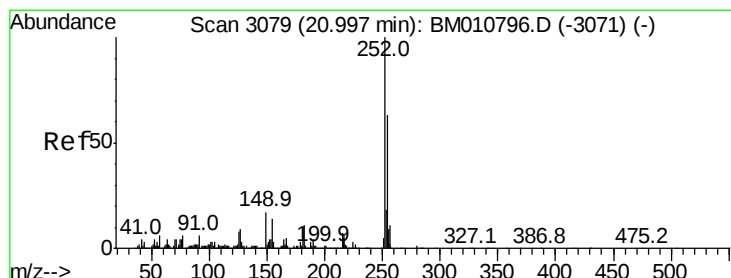
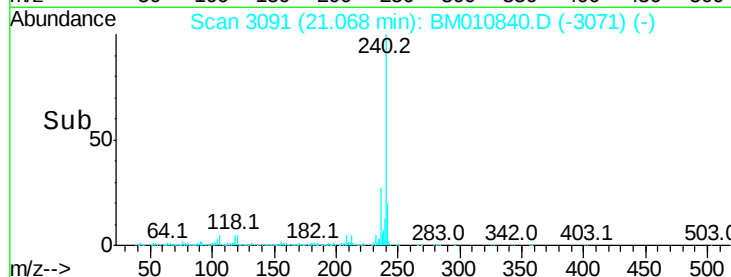
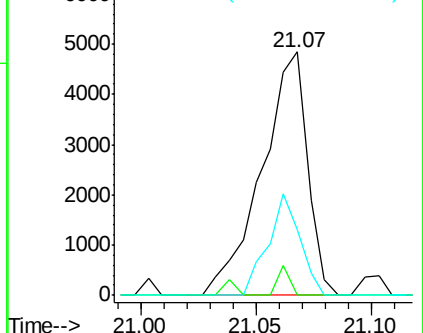
229 27.1 16.0 24.0#



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



#81

3,3'-Dichlorobenzidine

Concen: 0.029 ng

RT: 21.00 min Scan# 3079

Delta R.T. 0.00 min

Lab File: BM010840.D

Acq: 17 Jul 2017 15:36

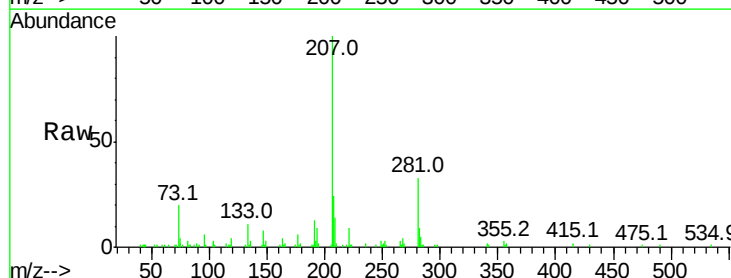
Tgt Ion:252 Resp: 1383

Ion Ratio Lower Upper

252 100

254 0.0 51.9 77.9#

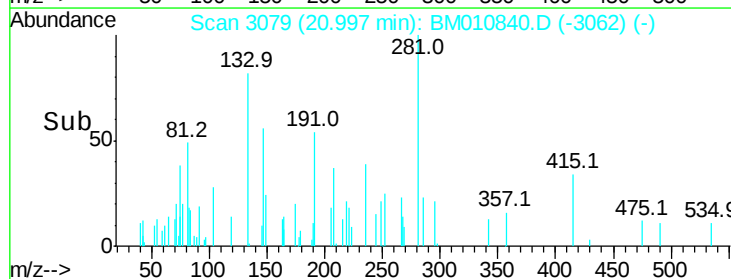
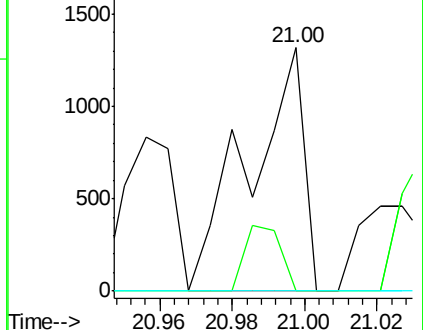
126 0.0 9.8 14.8#

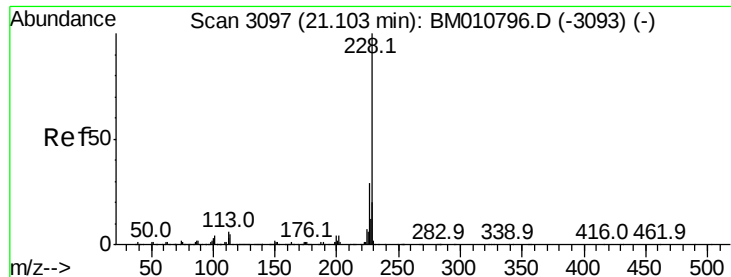


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 0.002 ng

RT: 21.10 min Scan# 3097

Delta R.T. 0.00 min

Lab File: BM010840.D

Acq: 17 Jul 2017 15:36

Instrument :

BNA_M

ClientSampleId :

PB100669BL

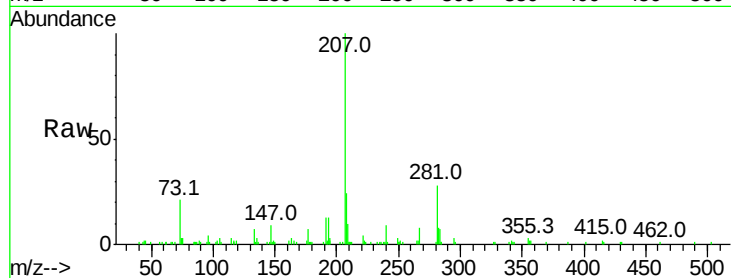
Tot Ion:228 Resp: 261

Ion Ratio Lower Upper

228 100

226 0.0 24.1 36.1#

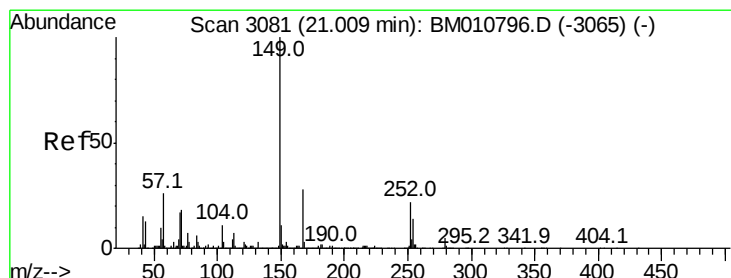
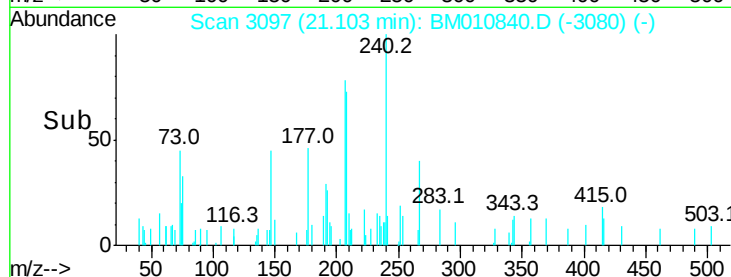
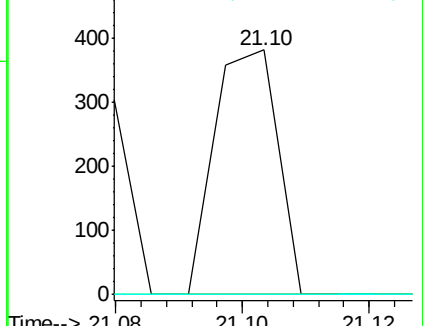
229 0.0 15.5 23.3#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.049 ng

RT: 21.01 min Scan# 3081

Delta R.T. 0.00 min

Lab File: BM010840.D

Acq: 17 Jul 2017 15:36

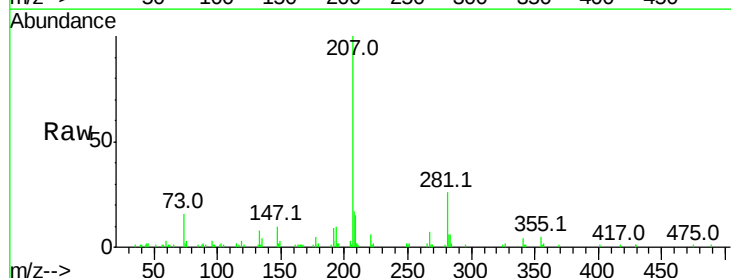
Tgt Ion:149 Resp: 3007

Ion Ratio Lower Upper

149 100

167 19.6 22.4 33.6#

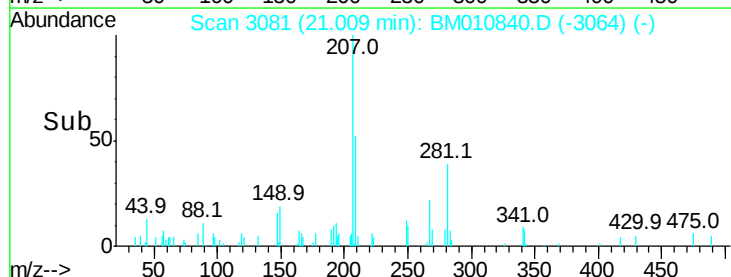
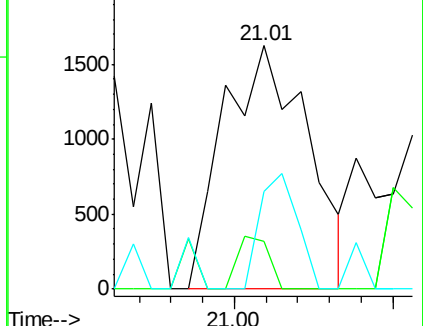
279 39.9 3.4 5.0#

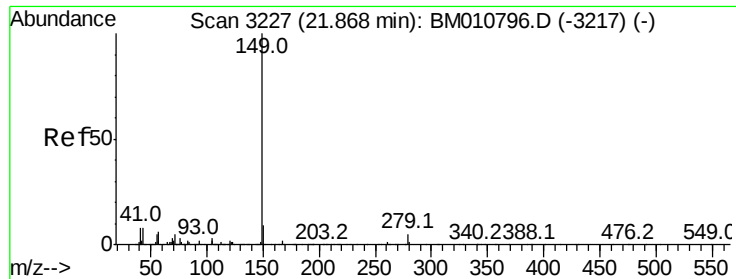


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 0.005 ng

RT: 21.86 min Scan# 3226

Delta R.T. -0.01 min

Lab File: BM010840.D

Acq: 17 Jul 2017 15:36

Instrument :

BNA_M

ClientSampleId :

PB100669BL

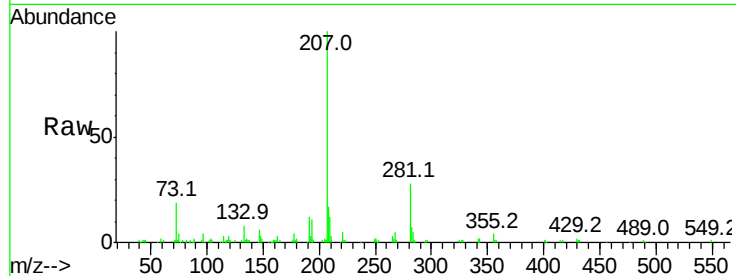
Tot Ion:149 Resp: 551

Ion Ratio Lower Upper

149 100

167 97.5 1.2 1.8#

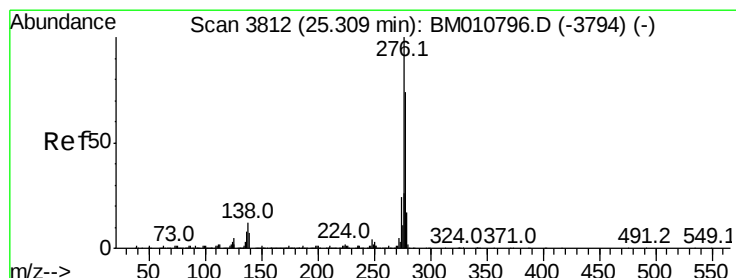
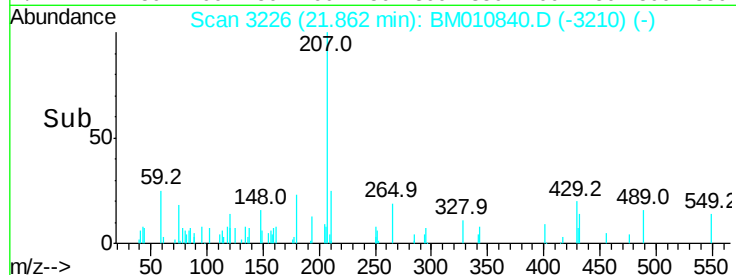
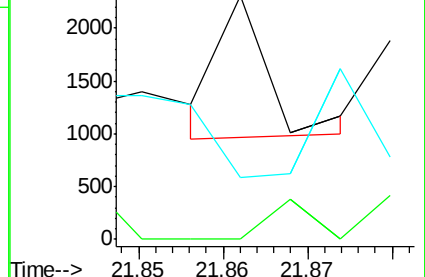
43 100.0 7.3 10.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0



#85

Indeno(1,2,3-cd)pyrene

Concen: 0.009 ng

RT: 25.30 min Scan# 3810

Delta R.T. -0.01 min

Lab File: BM010840.D

Acq: 17 Jul 2017 15:36

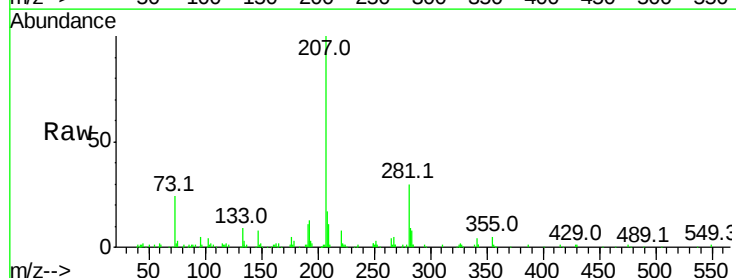
Tgt Ion:276 Resp: 1245

Ion Ratio Lower Upper

276 100

138 11.6 0.0 0.0#

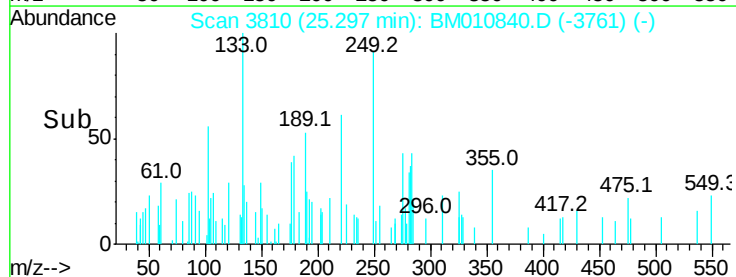
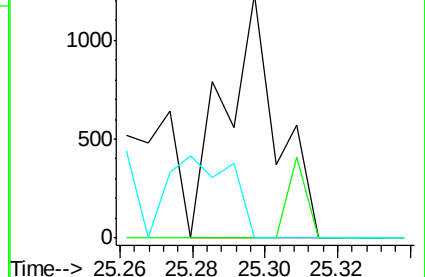
277 0.0 0.0 0.0

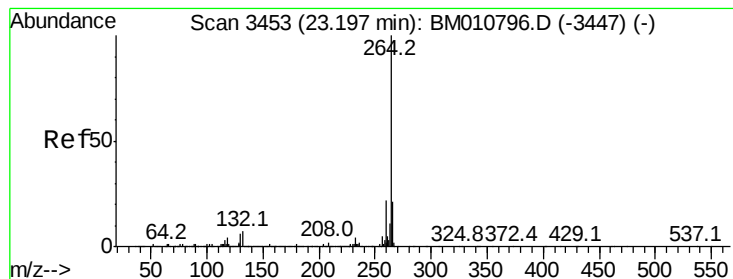


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86

Pervlene-d12

Concen: 20.000 ng

RT: 23.20 min Scan# 3453

Delta R.T. 0.00 min

Lab File: BM010840.D

Acq: 17 Jul 2017 15:36

Instrument :

BNA_M

ClientSampleId :

PB100669BL

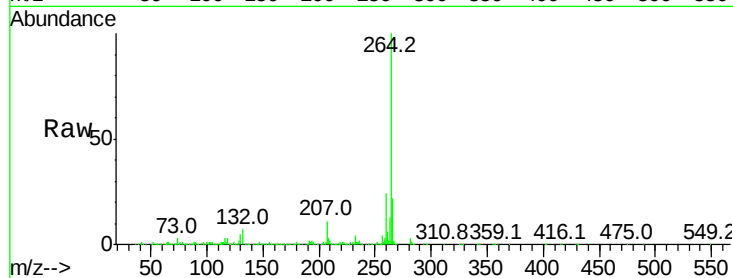
Tot Ion:264 Resp: 1756362

Ion Ratio Lower Upper

264 100

260 24.1 18.6 27.8

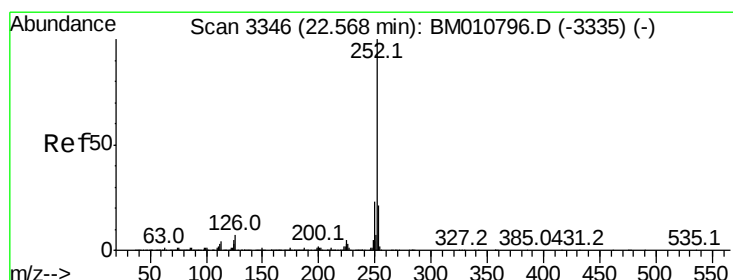
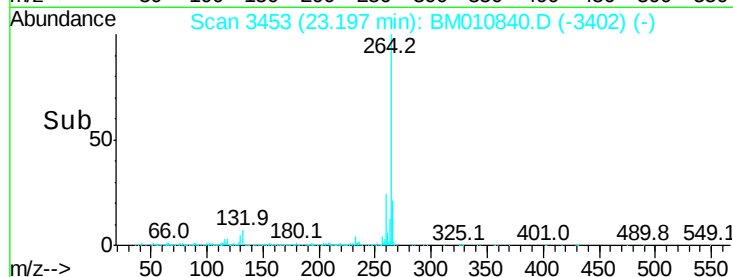
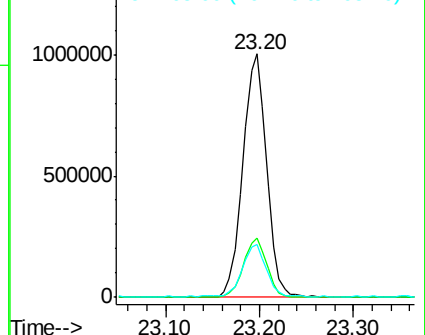
265 21.7 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 0.025 ng

RT: 22.57 min Scan# 3346

Delta R.T. 0.00 min

Lab File: BM010840.D

Acq: 17 Jul 2017 15:36

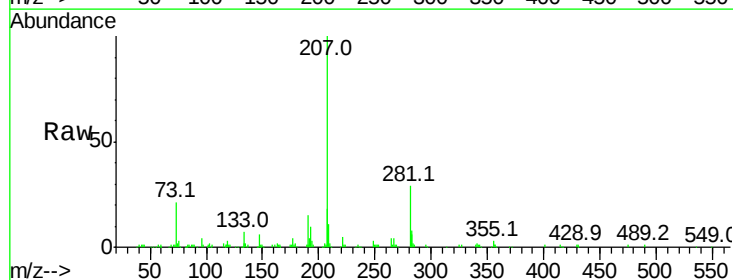
Tgt Ion:252 Resp: 2844

Ion Ratio Lower Upper

252 100

253 50.0 18.0 27.0#

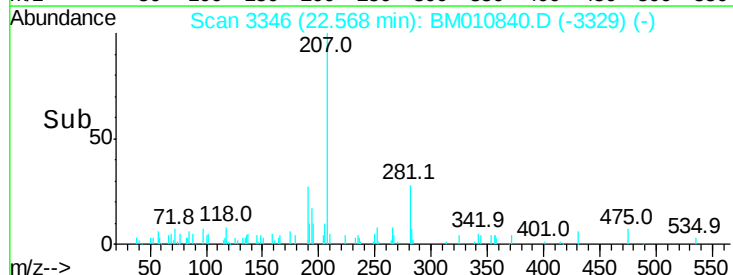
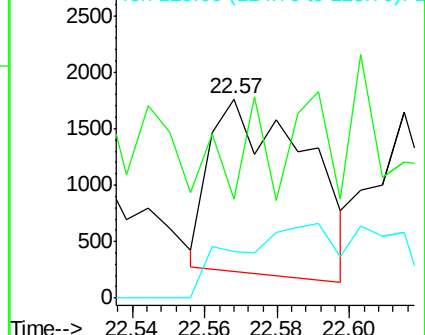
125 23.6 9.9 14.9#

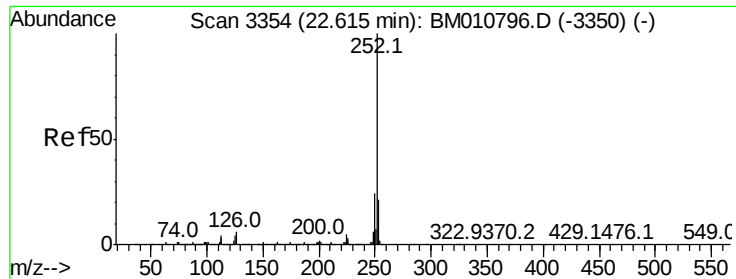


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

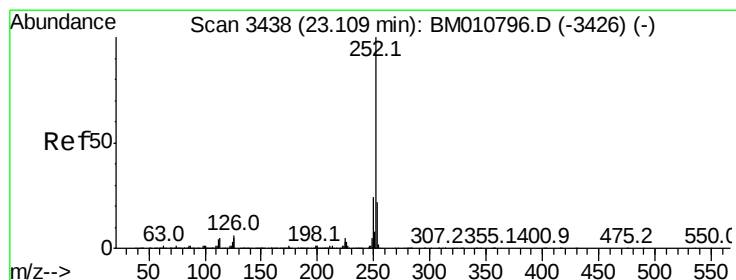
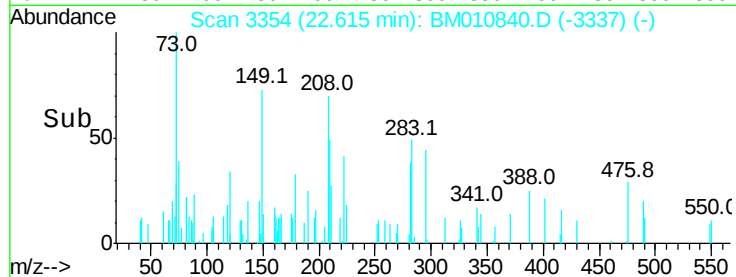
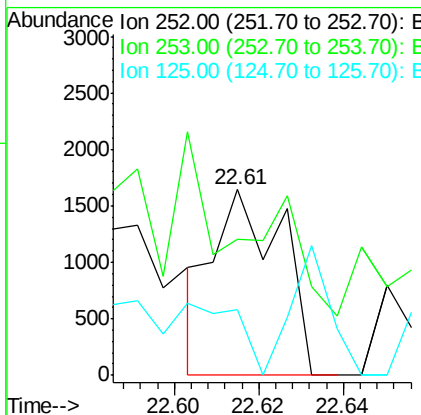
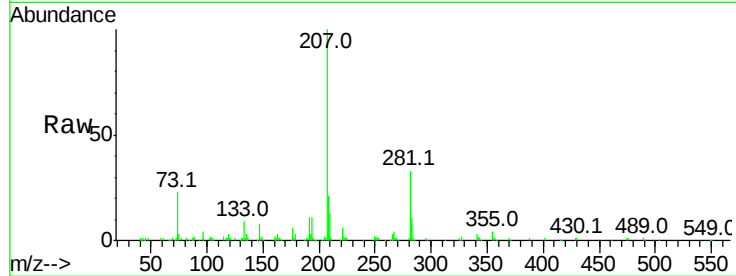




#88
Benzo(k)fluoranthene
Concen: 0.017 ng
RT: 22.61 min Scan# 3354
Delta R.T. 0.00 min
Lab File: BM010840.D
Acq: 17 Jul 2017 15:36

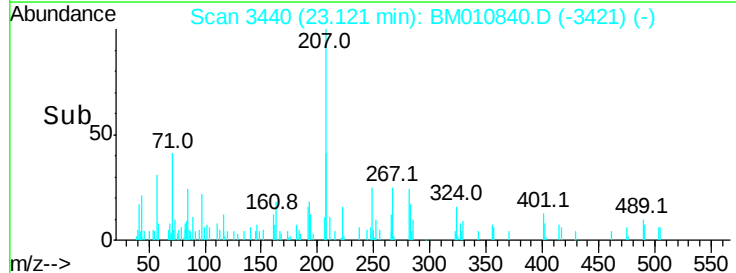
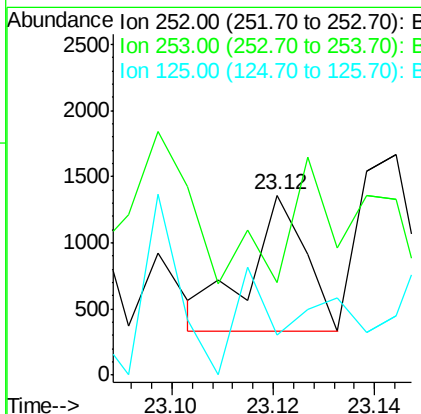
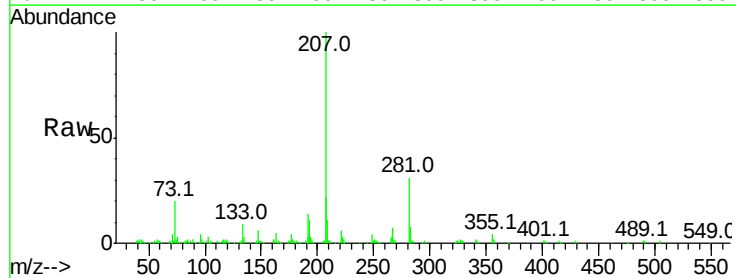
Instrument :
BNA_M
ClientSampleId :
PB100669BL

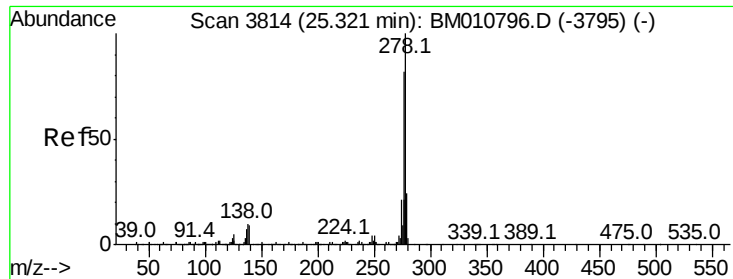
Tot Ion:252 Resp: 1813
Ion Ratio Lower Upper
252 100
253 73.1 17.2 25.8#
125 35.1 8.1 12.1#



#89
Benzo(a)pyrene
Concen: 0.008 ng
RT: 23.12 min Scan# 3440
Delta R.T. 0.01 min
Lab File: BM010840.D
Acq: 17 Jul 2017 15:36

Tgt Ion:252 Resp: 783
Ion Ratio Lower Upper
252 100
253 51.5 17.6 26.4#
125 22.2 7.4 11.2#





#90

Dibenzo(a,h)anthracene

Concen: 0.019 ng

RT: 25.31 min Scan# 3813

Delta R.T. -0.01 min

Lab File: BM010840.D

Acq: 17 Jul 2017 15:36

Instrument :

BNA_M

ClientSampleId :

PB100669BL

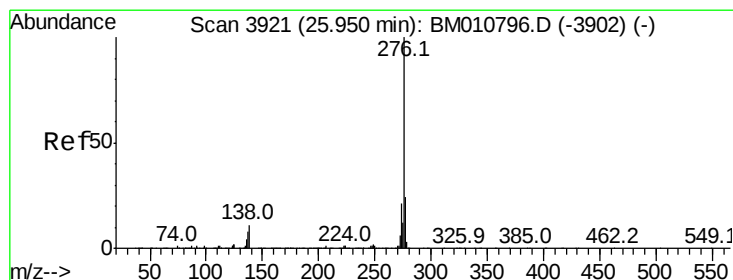
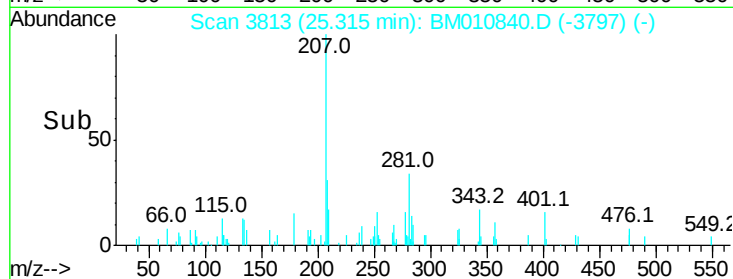
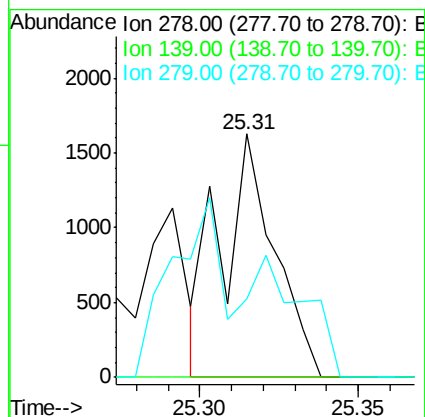
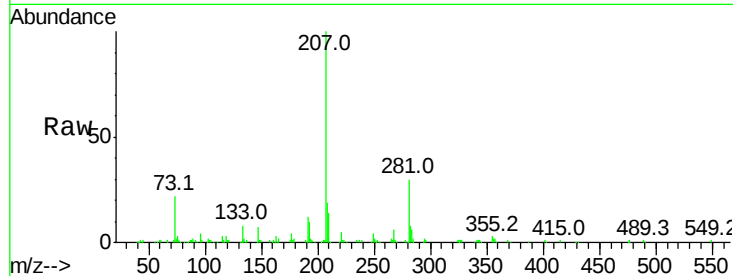
Tot Ion:278 Resp: 1905

Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.4	20.0#
279	32.0	19.0	28.4#

278 100

139 0.0 13.4 20.0#

279 32.0 19.0 28.4#



#91

Benzo(g,h,i)perylene

Concen: 0.005 ng

RT: 25.93 min Scan# 3918

Delta R.T. -0.02 min

Lab File: BM010840.D

Acq: 17 Jul 2017 15:36

Tgt Ion:276 Resp: 508

Ion	Ratio	Lower	Upper
276	100		
277	0.0	18.5	27.7#
138	0.0	19.0	28.6#

276 100

277 0.0 18.5 27.7#

138 0.0 19.0 28.6#

