

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071717\
 Data File : BM010844.D
 Acq On : 17 Jul 2017 20:58
 Operator : SJ/JU
 Sample : PB100672BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB100672BL

Quant Time: Jul 18 05:37:42 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	277535	20.00	ng	-0.01
21) Naphthalene-d8	10.20	136	1075895	20.00	ng	0.00
38) Acenaphthene-d10	14.09	164	693812	20.00	ng	0.00
63) Phenanthrene-d10	16.85	188	1711167	20.00	ng	0.00
75) Chrysene-d12	21.06	240	1895756	20.00	ng	0.00
86) Perylene-d12	23.19	264	1491946	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.08	112	2506548	149.61	ng	0.00
7) Phenol-d6	6.64	99	3335302	144.40	ng	0.00
23) Nitrobenzene-d5	8.59	82	2502259	89.40	ng	0.00
41) 2,4,6-Tribromophenol	15.60	330	1603447	151.23	ng	0.00
44) 2-Fluorobiphenyl	12.71	172	5294734	94.94	ng	0.00
78) Terphenyl-d14	19.51	244	8548784	87.22	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.10	88	149	0.020	ng	# 100
3) Pyridine	3.46	79	151	0.007	ng	# 10
4) n-Nitrosodimethylamine	3.37	42	480	0.046	ng	# 1
6) Aniline	6.79	93	132	0.005	ng	# 43
8) 2-Chlorophenol	7.02	128	334	0.020	ng	# 1
9) Benzaldehyde	6.65	77	10704	0.667	ng	# 2
10) Phenol	6.64	94	1685	0.069	ng	# 1
14) 1,2-Dichlorobenzene	7.79	146	295	0.015	ng	# 1
24) Nitrobenzene	8.59	77	11010	0.384	ng	# 45
25) Isophorone	9.20	82	189	0.004	ng	# 62
27) 2,4-Dimethylphenol	9.47	122	131	0.008	ng	# 6
28) bis(2-Chloroethoxy)methane	9.66	93	147	0.006	ng	# 50
32) Benzoic acid	9.47	122	131	0.010	ng	# 11
36) 4-Chloro-3-methylphenol	11.52	107	146	0.006	ng	# 14
45) 1,1'-Biphenyl	12.92	154	6256	0.103	ng	# 87
51) Acenaphthene	14.10	154	2870	0.071	ng	# 5
56) 2,4-Dinitrotoluene	14.41	165	116	0.007	ng	# 11
62) Azobenzene	15.48	77	358	0.006	ng	# 39
70) Phenanthrene	16.90	178	190	0.002	ng	# 60
72) Carbazole	17.26	167	266	0.003	ng	# 59
73) Di-n-butylphthalate	17.84	149	434	0.005	ng	# 78
76) Benzidine	19.12	184	5646	0.111	ng	# 82
77) Pyrene	19.21	202	138	0.001	ng	# 57
79) Butylbenzylphthalate	20.23	149	497	0.013	ng	# 39
80) Benzo(a)anthracene	21.06	228	5855	0.053	ng	# 76
81) 3,3'-Dichlorobenzidine	21.00	252	1343	0.031	ng	# 26
82) Chrysene	21.10	228	815	0.008	ng	# 50
83) Bis(2-ethylhexyl)phthalate	21.00	149	2054	0.037	ng	# 52
84) Di-n-octyl phthalate	21.86	149	2007	0.022	ng	# 73
85) Indeno(1,2,3-cd)pyrene	25.31	276	785	0.007	ng	# 100
87) Benzo(b)fluoranthene	22.56	252	1992	0.021	ng	# 43
88) Benzo(k)fluoranthene	22.60	252	914	0.010	ng	# 35
89) Benzo(a)pyrene	23.11	252	940	0.011	ng	# 9
90) Dibenzo(a,h)anthracene	25.30	278	964	0.012	ng	# 21

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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

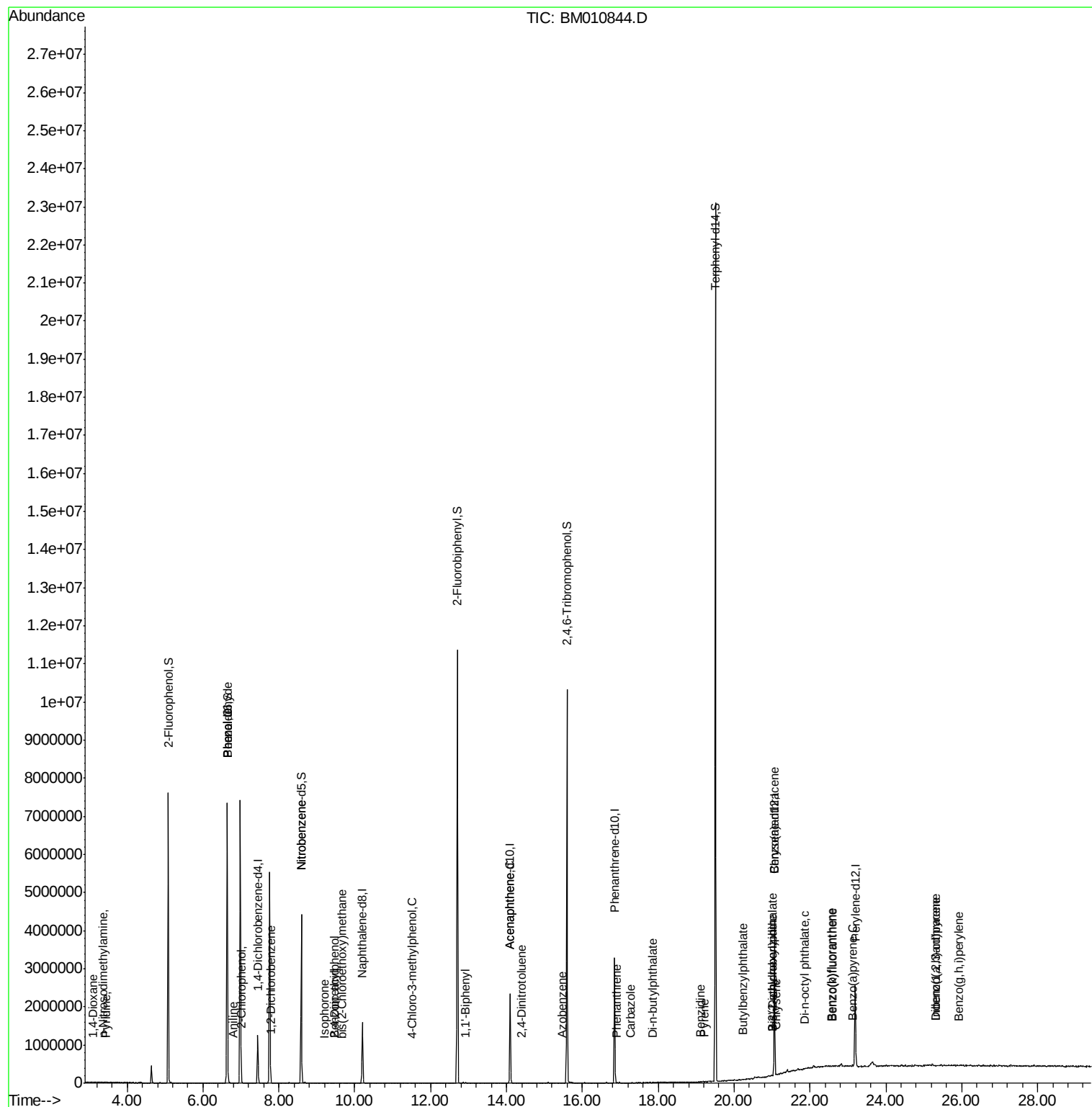
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Benzo(q,h,i)perylene	25.92	276	1361	0.017	ng	# 52

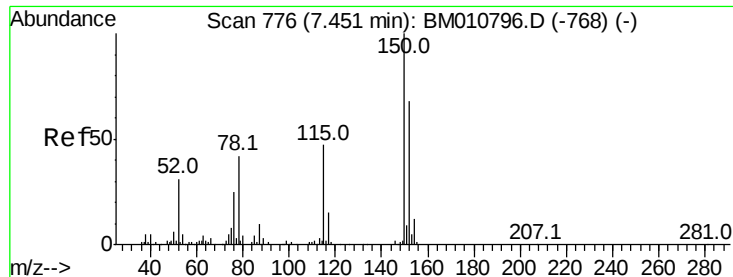
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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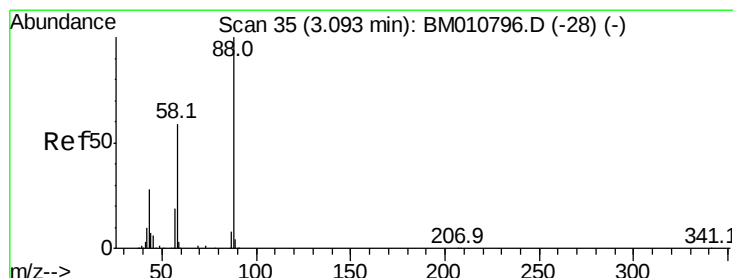
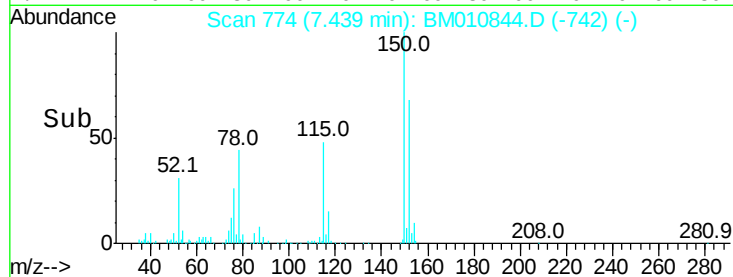
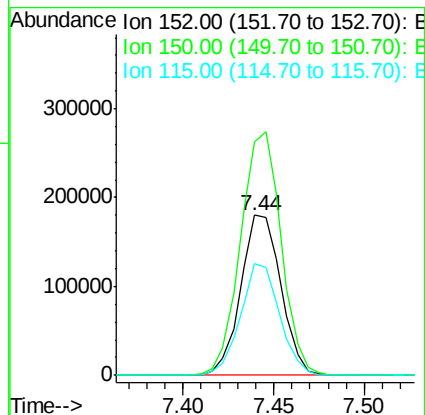
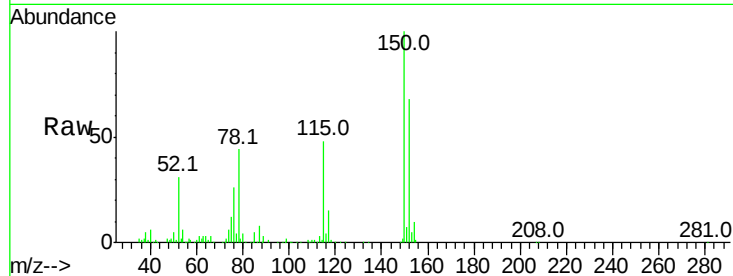


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.44 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM010844.D
Acq: 17 Jul 2017 20:58

Instrument :
BNA_M
ClientSampleId :
PB100672BL

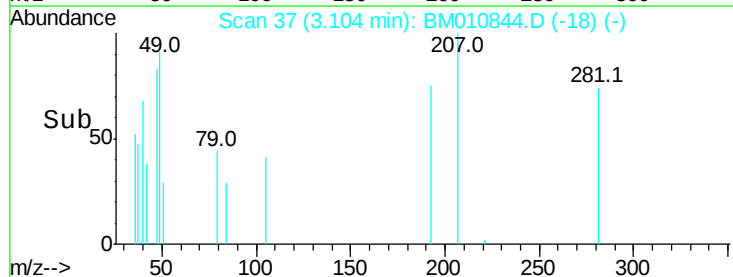
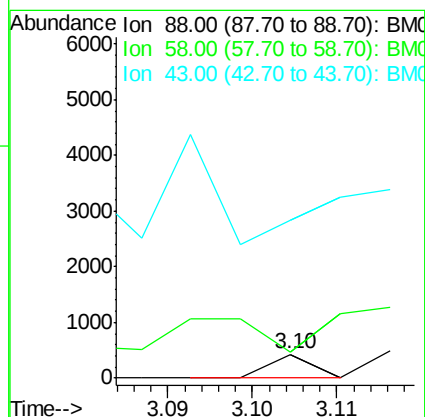
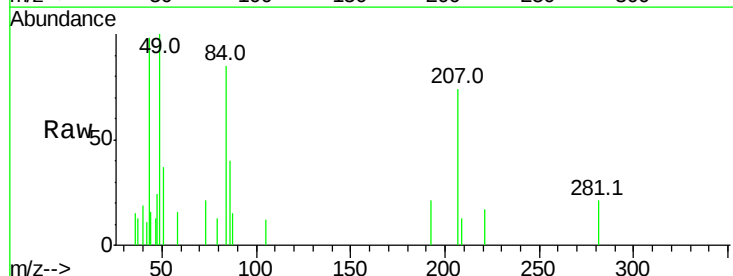
Tot Ion:152 Resp: 277535
Ion Ratio Lower Upper
152 100
150 146.3 119.5 179.3
115 70.1 43.0 64.4#

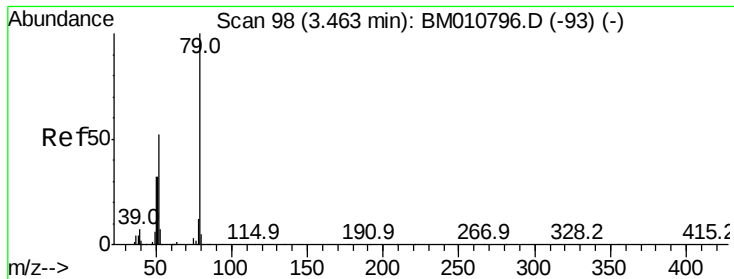


#2

1,4-Dioxane
Concen: 0.020 ng
RT: 3.10 min Scan# 37
Delta R.T. 0.01 min
Lab File: BM010844.D
Acq: 17 Jul 2017 20:58

Tgt Ion: 88 Resp: 149
Ion Ratio Lower Upper
88 100
58 284.6 0.0 0.0#
43 0.0 0.0 0.0





#3

Pvridine

Concen: 0.007 ng

RT: 3.46 min Scan# 97

Delta R.T. -0.01 min

Lab File: BM010844.D

Acq: 17 Jul 2017 20:58

Instrument :

BNA_M

ClientSampleId :

PB100672BL

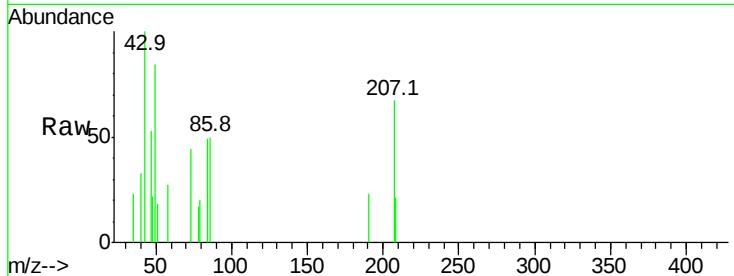
Tot Ion: 79 Resp: 151

Ion Ratio Lower Upper

79 100

52 0.0 51.1 76.7#

51 91.6 26.1 39.1#

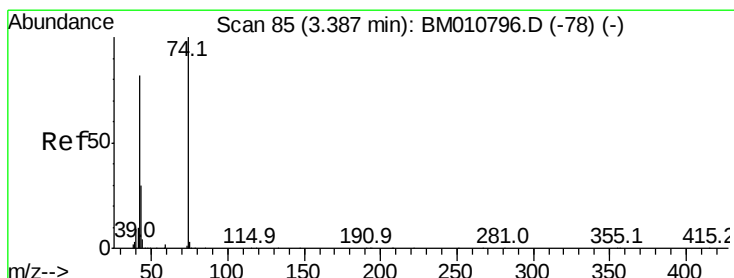
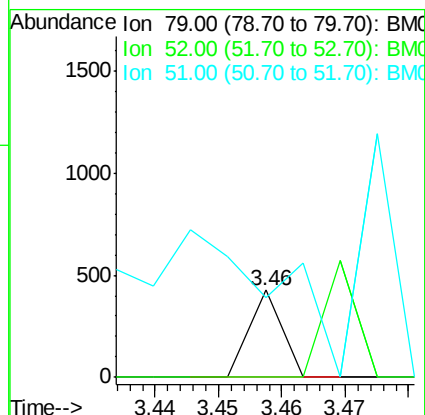
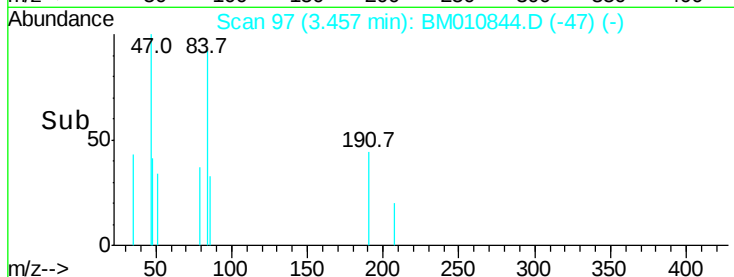


Abundance Ion 79.00 (78.70 to 79.70): BM010796.D (-93) (-)

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

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

Time-->



#4

n-Nitrosodimethylamine

Concen: 0.046 ng

RT: 3.37 min Scan# 82

Delta R.T. -0.02 min

Lab File: BM010844.D

Acq: 17 Jul 2017 20:58

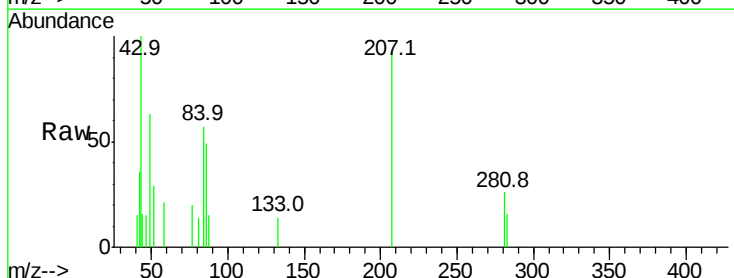
Tgt Ion: 42 Resp: 480

Ion Ratio Lower Upper

42 100

74 0.0 119.3 178.9#

44 44.5 5.4 8.2#

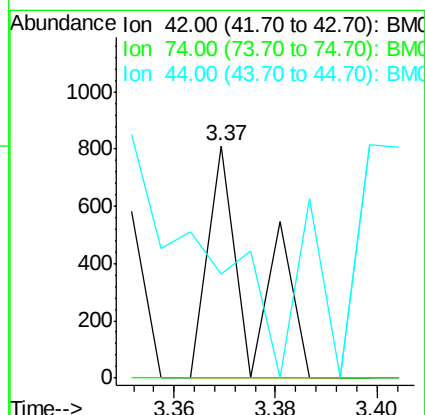
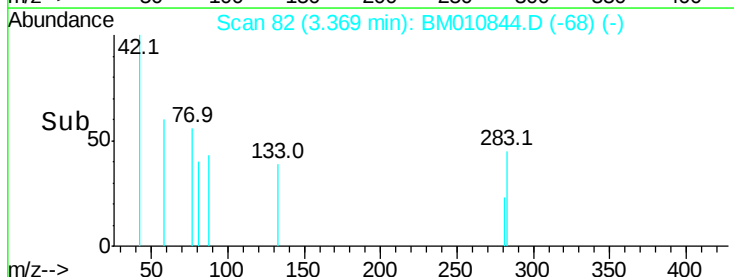


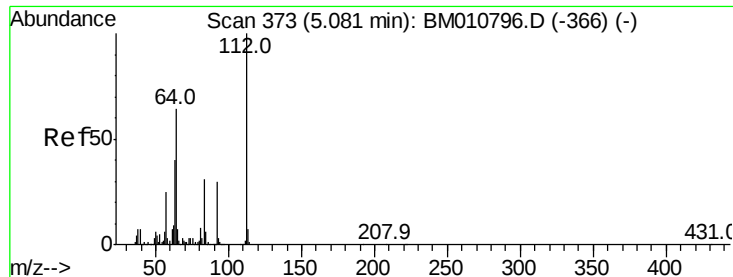
Abundance Ion 42.00 (41.70 to 42.70): BM010796.D (-78) (-)

Ion 74.00 (73.70 to 74.70): BM010796.D (-78) (-)

Ion 44.00 (43.70 to 44.70): BM010796.D (-78) (-)

Time-->





#5

2-Fluorophenol

Concen: 149.605 ng

RT: 5.08 min Scan# 373

Delta R.T. 0.00 min

Lab File: BM010844.D

Acq: 17 Jul 2017 20:58

Instrument :

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ClientSampleId :

PB100672BL

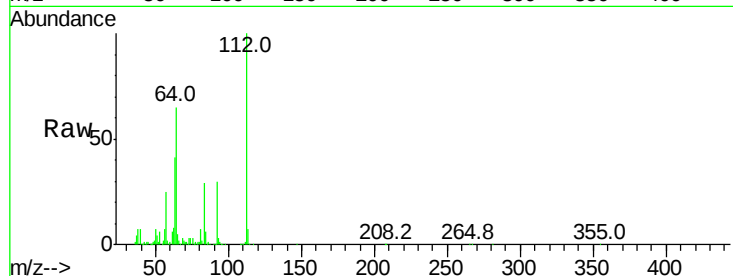
Tot Ion:112 Resp: 2506548

Ion Ratio Lower Upper

112 100

64 64.8 38.6 57.8#

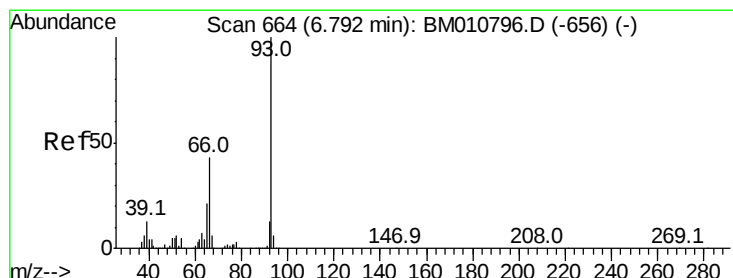
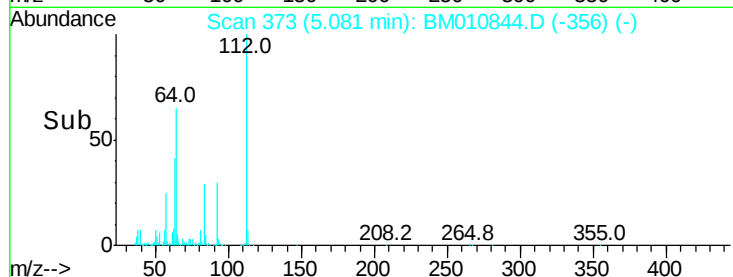
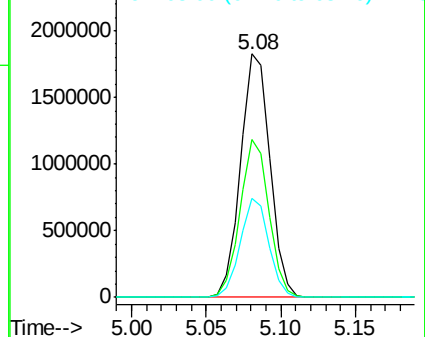
63 40.7 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 0.005 ng

RT: 6.79 min Scan# 664

Delta R.T. 0.00 min

Lab File: BM010844.D

Acq: 17 Jul 2017 20:58

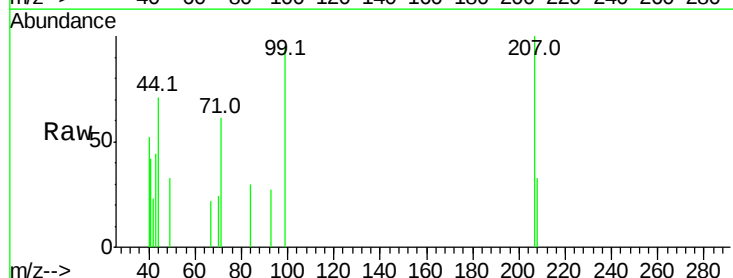
Tgt Ion: 93 Resp: 132

Ion Ratio Lower Upper

93 100

66 0.0 30.8 46.2#

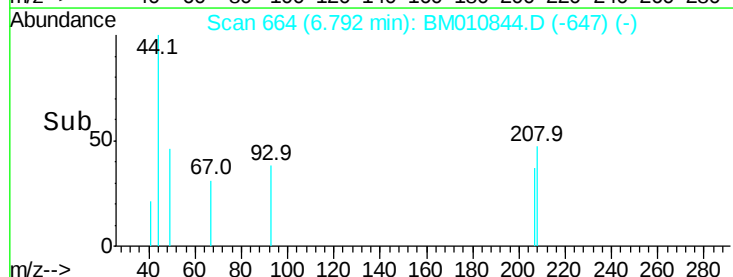
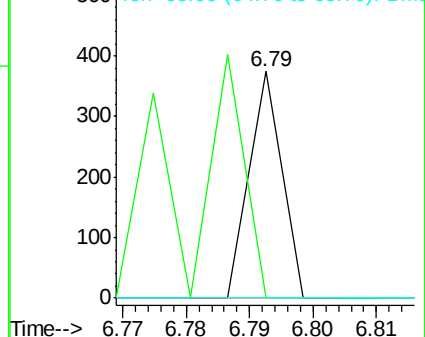
65 0.0 16.0 24.0#

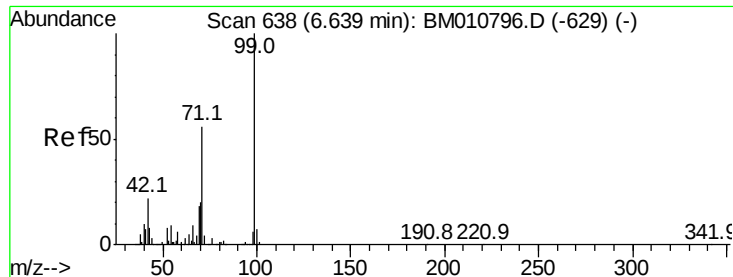


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 144.402 ng

RT: 6.64 min Scan# 638

Delta R.T. 0.00 min

Lab File: BM010844.D

Acq: 17 Jul 2017 20:58

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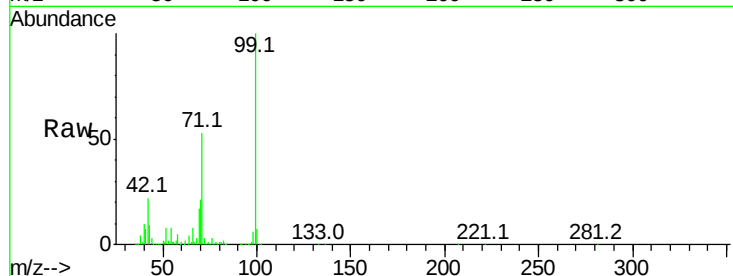
Tot Ion: 99 Resp: 3335302

Ion Ratio Lower Upper

99 100

42 22.4 11.0 16.4#

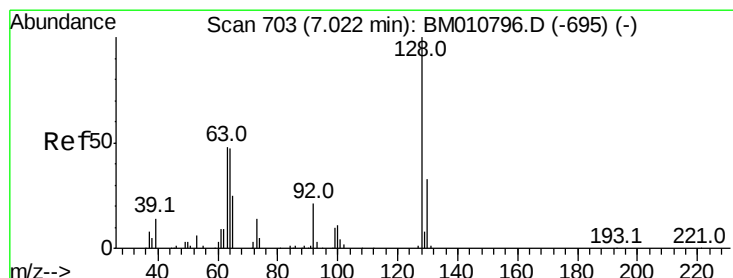
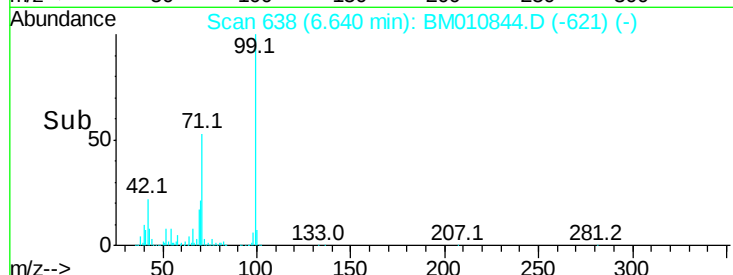
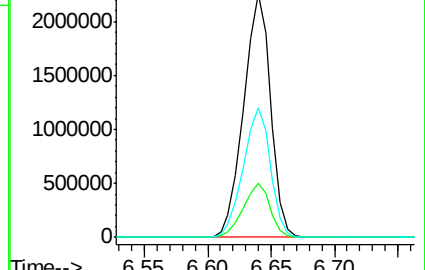
71 53.4 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010796.D (-629) (-)

Ion 42.00 (41.70 to 42.70): BM010796.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BM010796.D (-629) (-)



#8

2-Chlorophenol

Concen: 0.020 ng

RT: 7.02 min Scan# 702

Delta R.T. -0.01 min

Lab File: BM010844.D

Acq: 17 Jul 2017 20:58

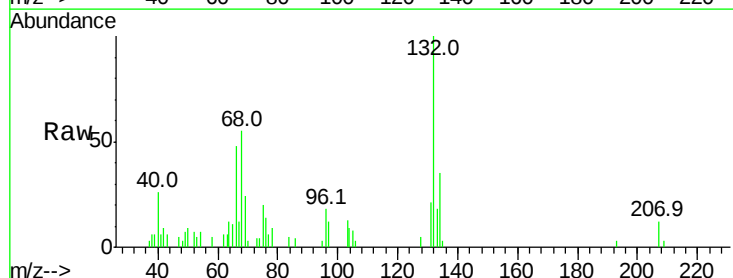
Tgt Ion:128 Resp: 334

Ion Ratio Lower Upper

128 100

130 0.0 12.0 52.0#

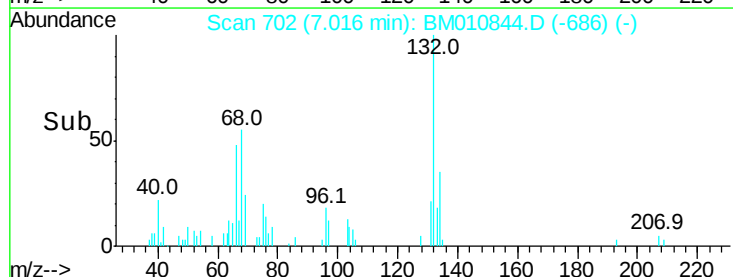
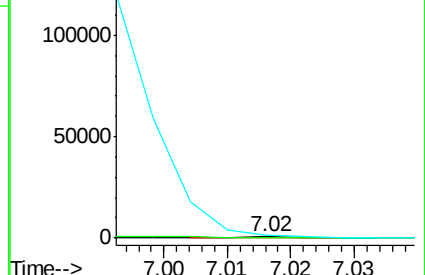
64 238.0 24.9 64.9#

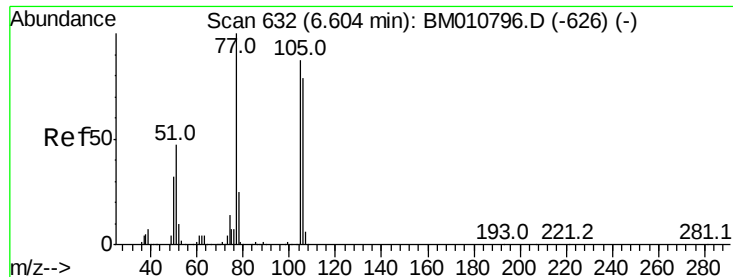


Abundance Ion 128.00 (127.70 to 128.70): BM010796.D (-695) (-)

Ion 130.00 (129.70 to 130.70): BM010796.D (-695) (-)

Ion 64.00 (63.70 to 64.70): BM010796.D (-695) (-)





#9

Benzaldehyde

Concen: 0.667 ng

RT: 6.65 min Scan# 639

Delta R.T. 0.04 min

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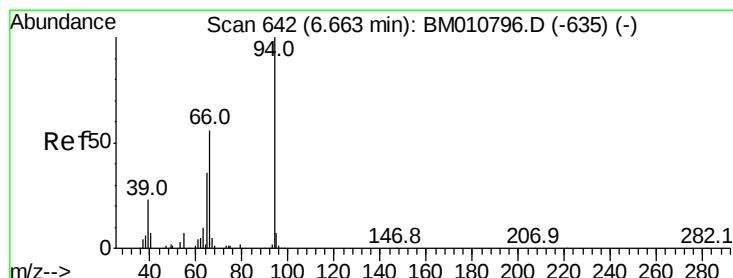
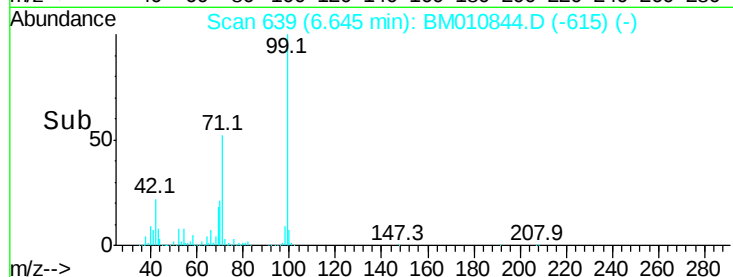
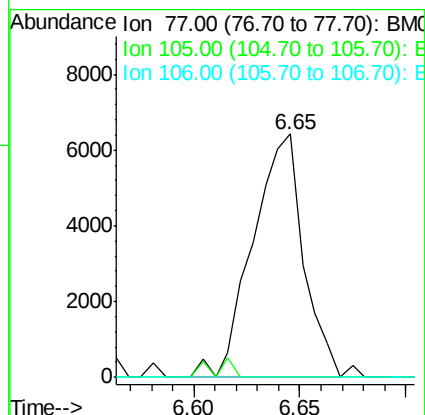
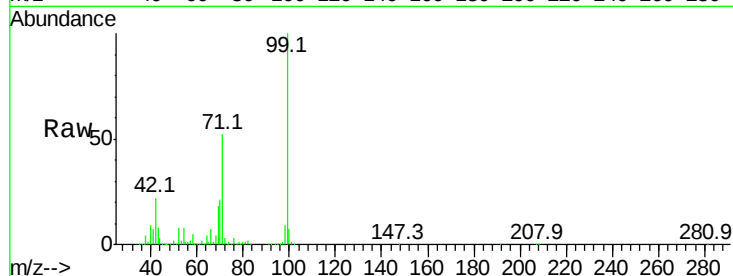
Tot Ion: 77 Resp: 10704

Ion Ratio Lower Upper

77 100

105 0.0 78.8 118.8#

106 0.0 73.7 113.7#



#10

Phenol

Concen: 0.069 ng

RT: 6.64 min Scan# 638

Delta R.T. -0.02 min

Lab File: BM010844.D

Acq: 17 Jul 2017 20:58

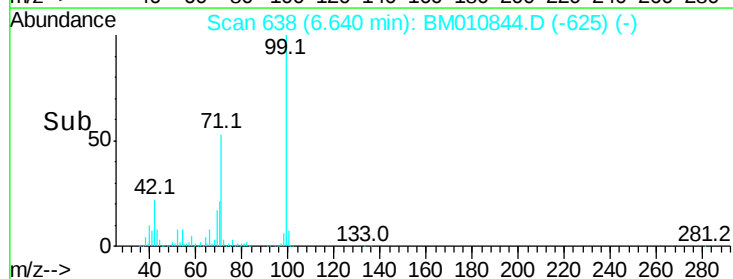
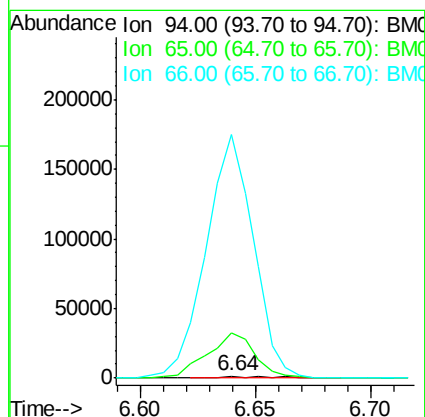
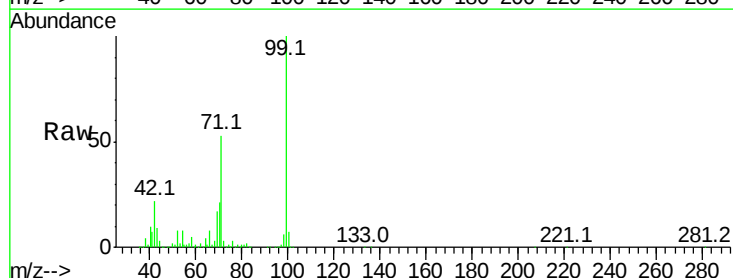
Tgt Ion: 94 Resp: 1685

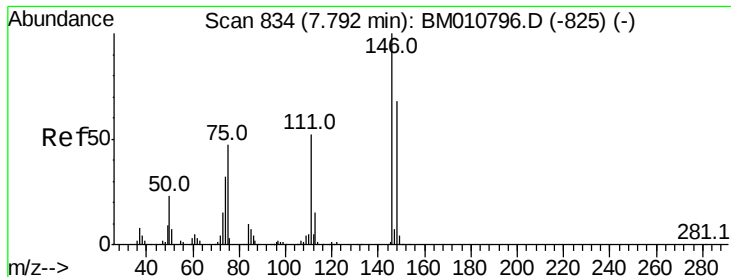
Ion Ratio Lower Upper

94 100

65 2665.6 18.8 58.8#

66 14307.1 39.9 79.9#





#14

1,2-Dichlorobenzene

Concen: 0.015 ng

RT: 7.79 min Scan# 834

Delta R.T. 0.00 min

Lab File: BM010844.D

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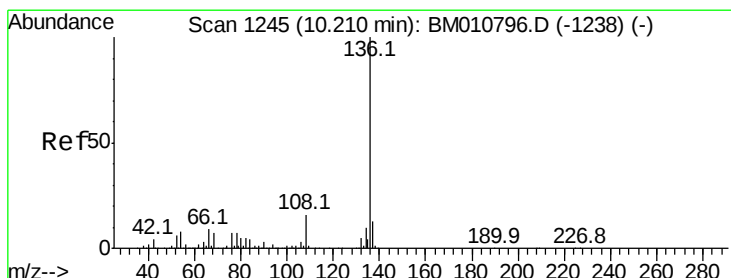
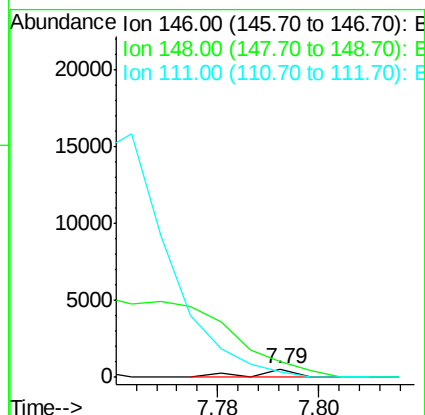
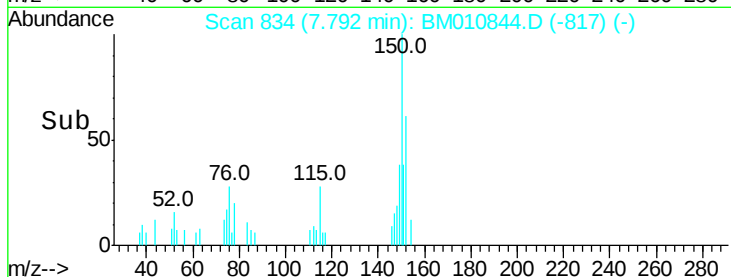
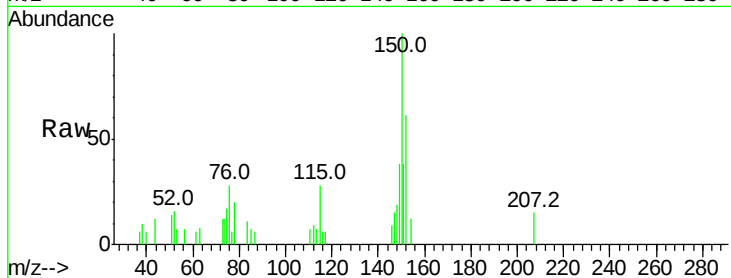
Tot Ion:146 Resp: 295

Ion Ratio Lower Upper

146 100

148 197.0 52.3 78.5#

111 73.0 30.6 45.8#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.20 min Scan# 1244

Delta R.T. -0.01 min

Lab File: BM010844.D

Acq: 17 Jul 2017 20:58

Tgt Ion:136 Resp: 1075895

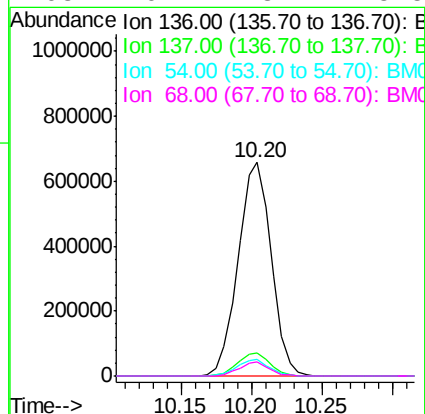
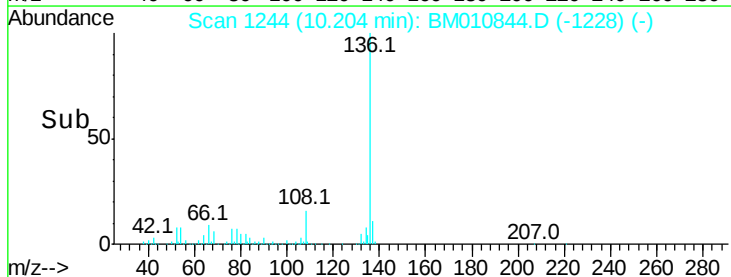
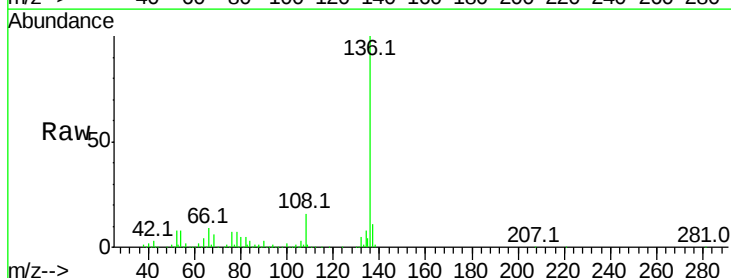
Ion Ratio Lower Upper

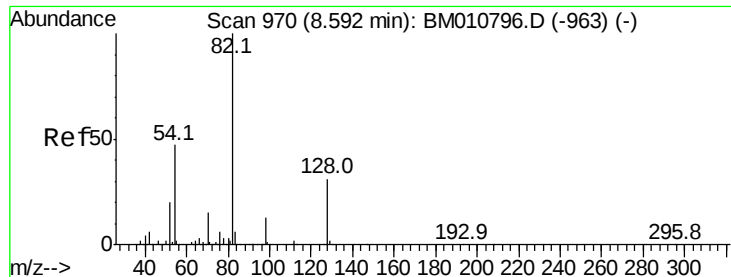
136 100

137 10.7 8.7 13.1

54 7.9 4.6 6.8#

68 6.4 3.7 5.5#

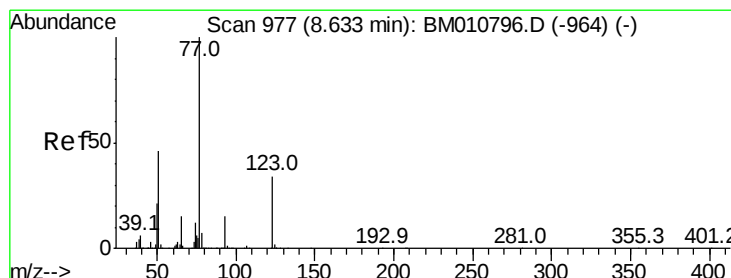
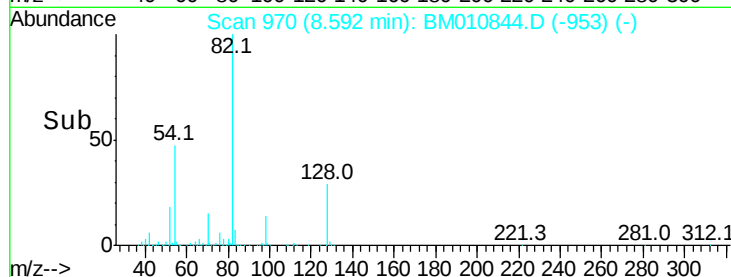
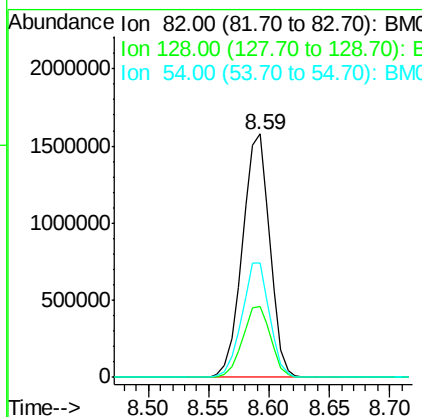
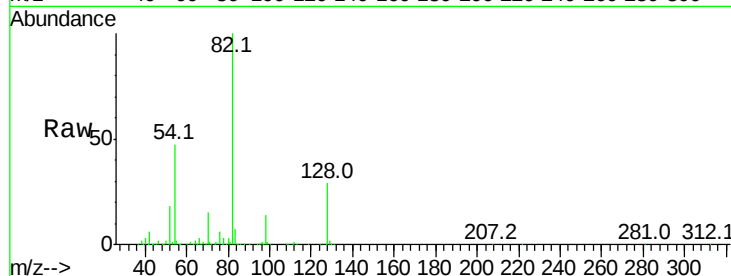




#23
Nitrobenzene-d5
Concen: 89.396 ng
RT: 8.59 min Scan# 970
Delta R.T. 0.00 min
Lab File: BM010844.D
Acq: 17 Jul 2017 20:58

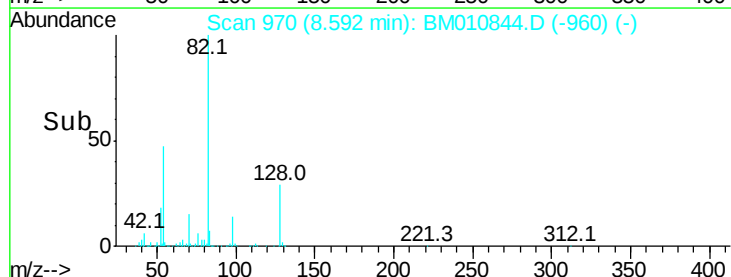
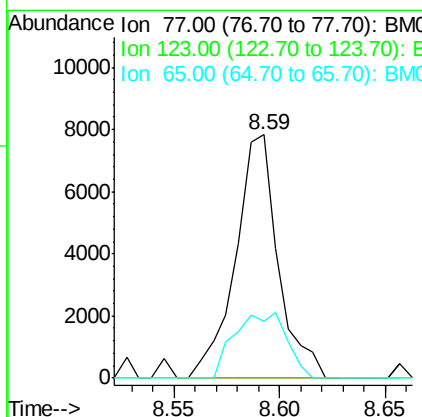
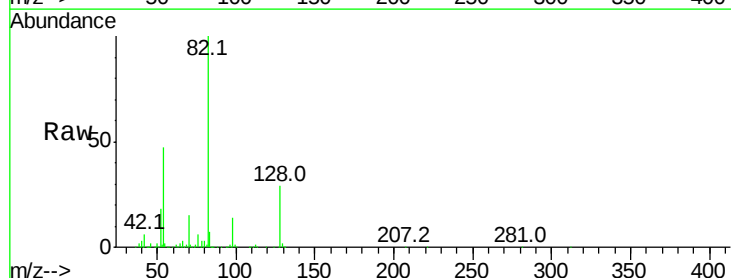
Instrument :
BNA_M
ClientSampleId :
PB100672BL

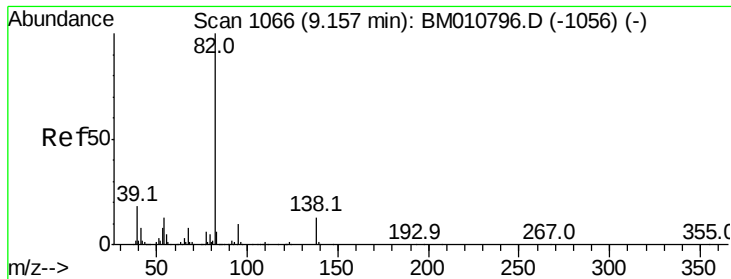
Tot Ion: 82 Resp: 2502259
Ion Ratio Lower Upper
82 100
128 29.2 32.8 49.2#
54 46.9 40.6 60.8



#24
Nitrobenzene
Concen: 0.384 ng
RT: 8.59 min Scan# 970
Delta R.T. -0.04 min
Lab File: BM010844.D
Acq: 17 Jul 2017 20:58

Tgt Ion: 77 Resp: 11010
Ion Ratio Lower Upper
77 100
123 0.0 32.6 49.0#
65 23.3 10.9 16.3#





#25

Isophorone

Concen: 0.004 ng

RT: 9.20 min Scan# 1074

Delta R.T. 0.05 min

Lab File: BM010844.D

Acq: 17 Jul 2017 20:58

Instrument :

BNA_M

ClientSampleId :

PB100672BL

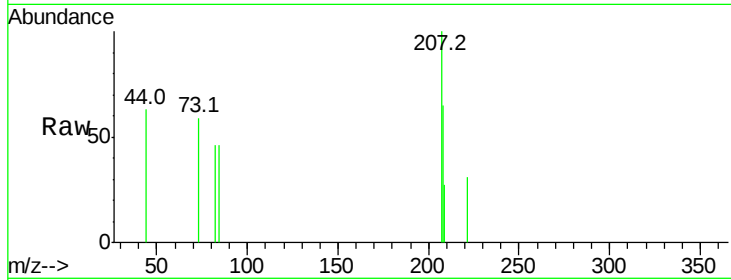
Tot Ion: 82 Resp: 189

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 16.3 24.5#

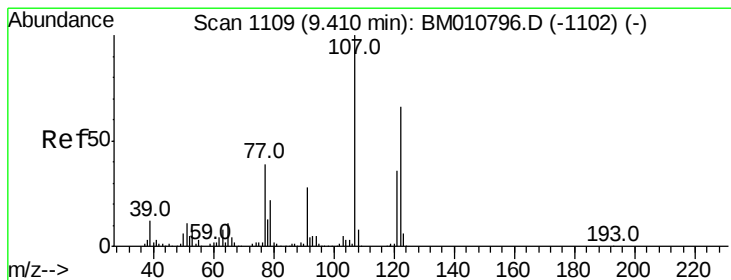
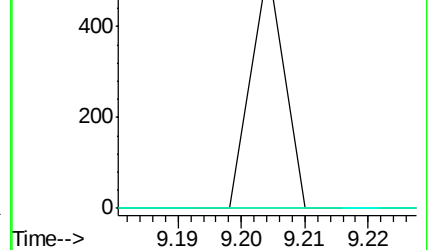
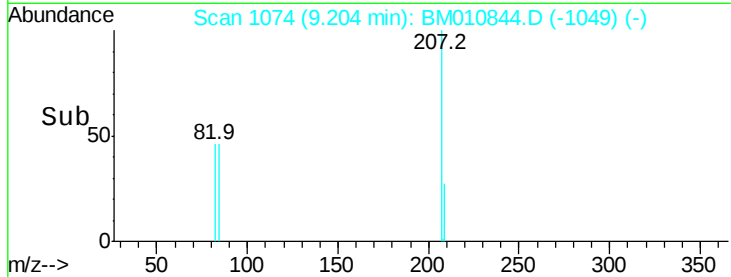


Abundance Ion 82.00 (81.70 to 82.70): BM010796.D (-1056) (-)

Ion 95.00 (94.70 to 95.70): BM010796.D (-1056) (-)

Ion 138.00 (137.70 to 138.70): BM010796.D (-1056) (-)

Time-->



#27

2,4-Dimethylphenol

Concen: 0.008 ng

RT: 9.47 min Scan# 1119

Delta R.T. 0.06 min

Lab File: BM010844.D

Acq: 17 Jul 2017 20:58

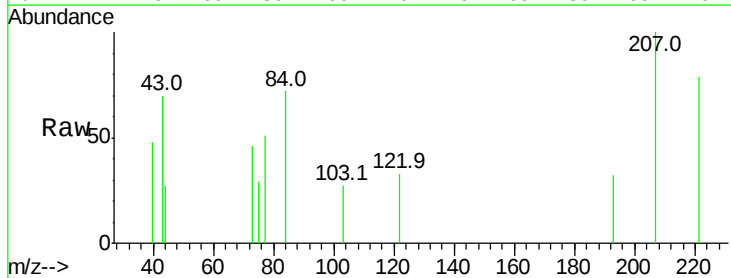
Tgt Ion: 122 Resp: 131

Ion Ratio Lower Upper

122 100

107 0.0 84.7 127.1#

121 0.0 46.6 69.8#

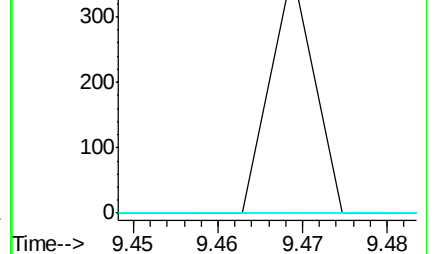
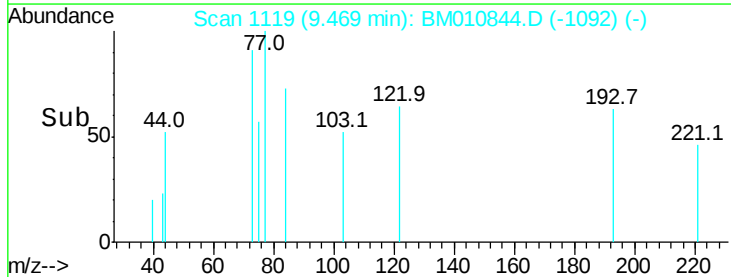


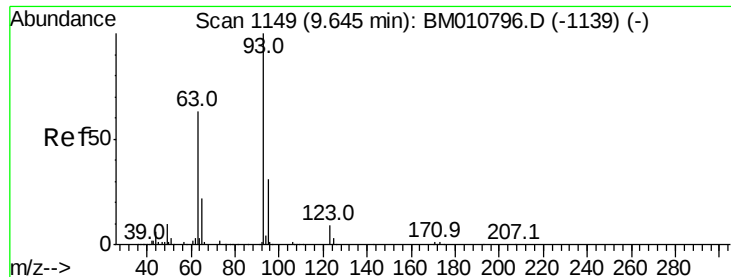
Abundance Ion 122.00 (121.70 to 122.70): BM010796.D (-1102) (-)

Ion 107.00 (106.70 to 107.70): BM010796.D (-1102) (-)

Ion 121.00 (120.70 to 121.70): BM010796.D (-1102) (-)

Time-->

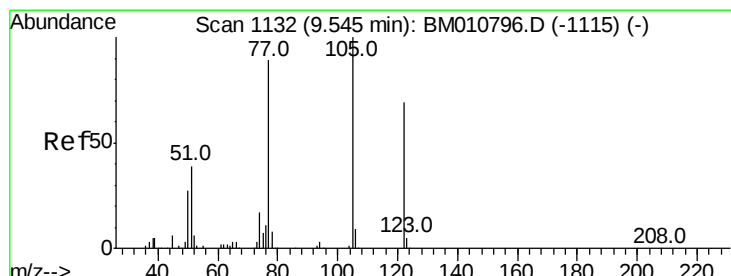
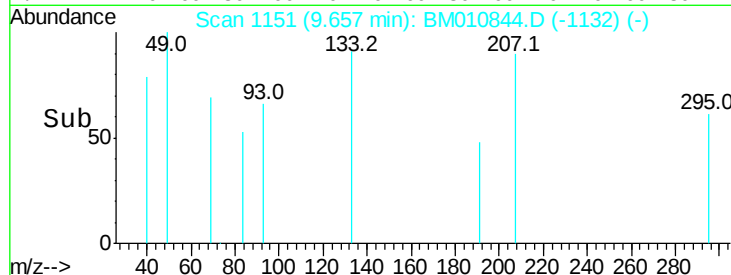
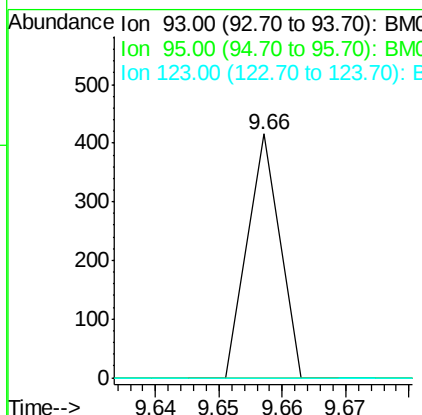
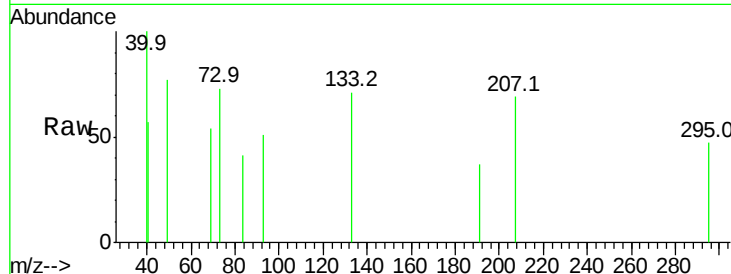




#28
bis(2-Chloroethoxy)methane
Concen: 0.006 ng
RT: 9.66 min Scan# 1151
Delta R.T. 0.01 min
Lab File: BM010844.D
Acq: 17 Jul 2017 20:58

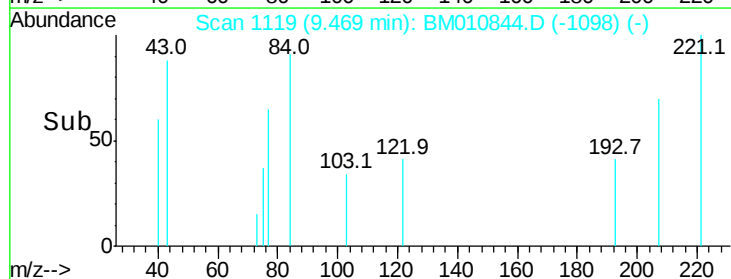
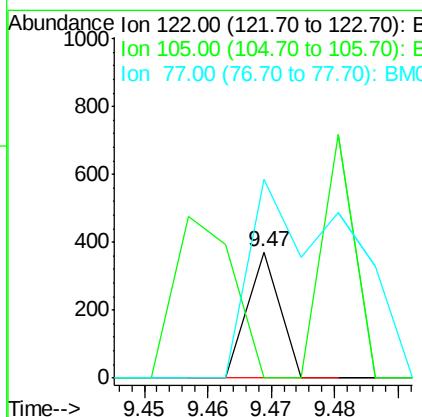
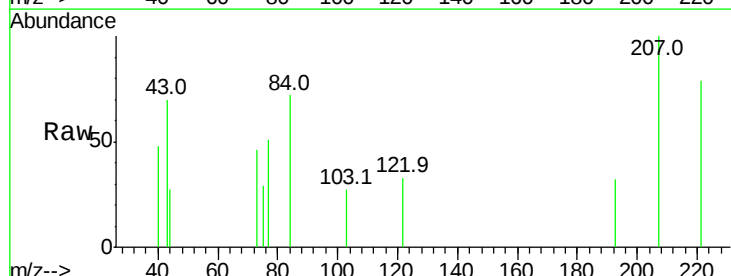
Instrument :
BNA_M
ClientSampleId :
PB100672BL

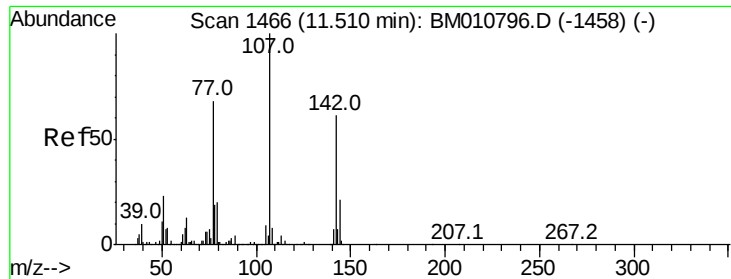
Tot Ion: 93 Resp: 147
Ion Ratio Lower Upper
93 100
95 0.0 25.5 38.3#
123 0.0 8.6 13.0#



#32
Benzoic acid
Concen: 0.010 ng
RT: 9.47 min Scan# 1119
Delta R.T. -0.08 min
Lab File: BM010844.D
Acq: 17 Jul 2017 20:58

Tgt Ion: 122 Resp: 131
Ion Ratio Lower Upper
122 100
105 0.0 99.9 139.9#
77 157.0 73.7 113.7#

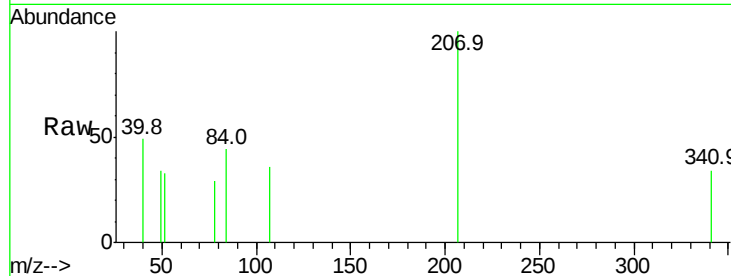




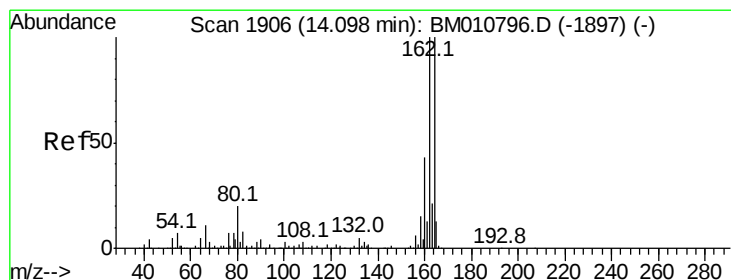
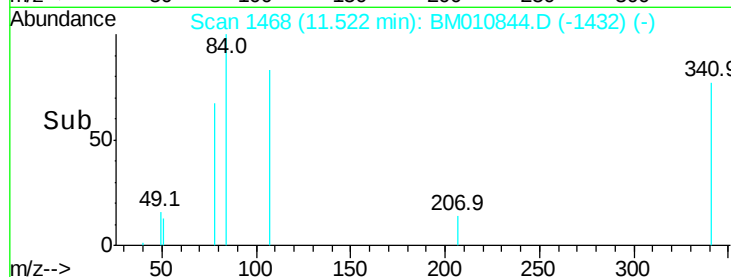
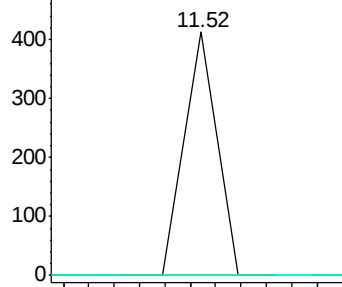
#36
4-Chloro-3-methylphenol
Concen: 0.006 ng
RT: 11.52 min Scan# 1468
Delta R.T. 0.01 min
Lab File: BM010844.D
Acq: 17 Jul 2017 20:58

Instrument :
BNA_M
ClientSampled :
PB100672BL

Tot Ion:107 Resp: 146
Ion Ratio Lower Upper
107 100
144 0.0 23.3 34.9#
142 0.0 72.6 109.0#

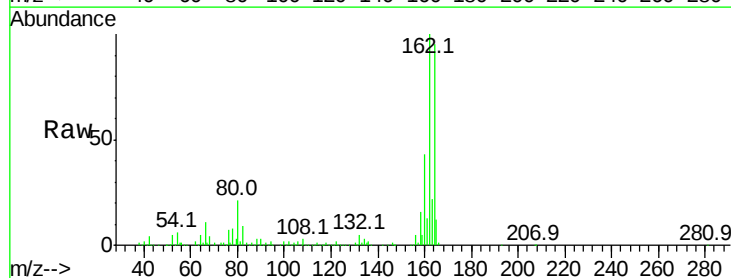


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

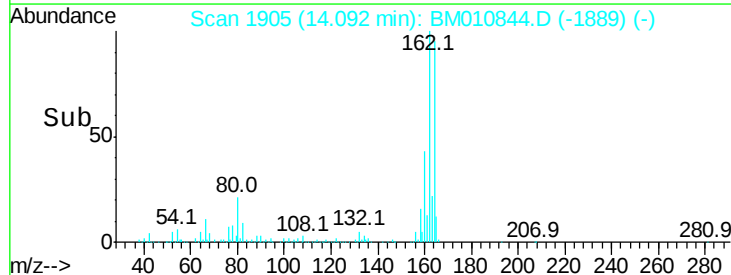
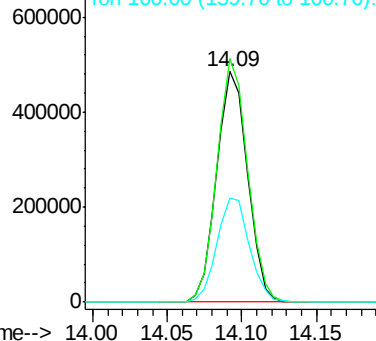


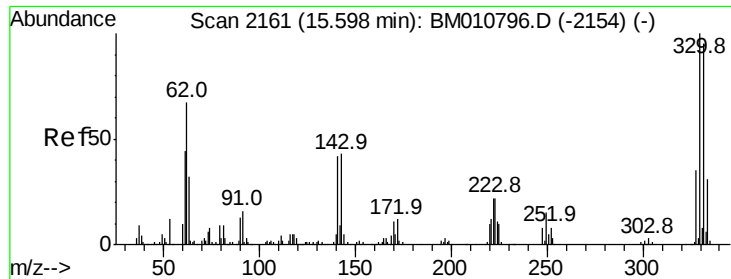
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.09 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BM010844.D
Acq: 17 Jul 2017 20:58

Tgt Ion:164 Resp: 693812
Ion Ratio Lower Upper
164 100
162 105.6 82.4 123.6
160 44.9 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

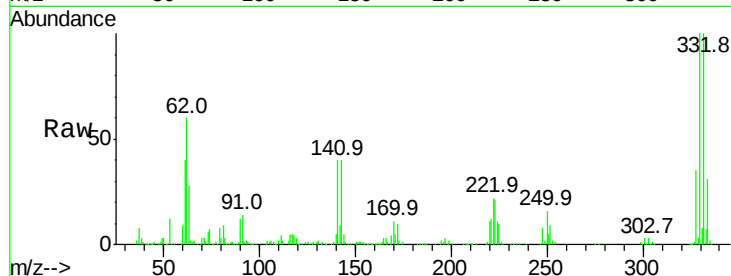




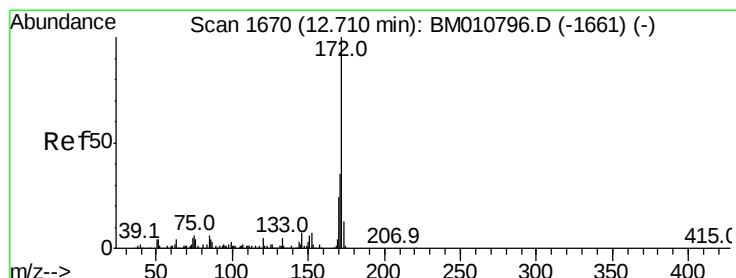
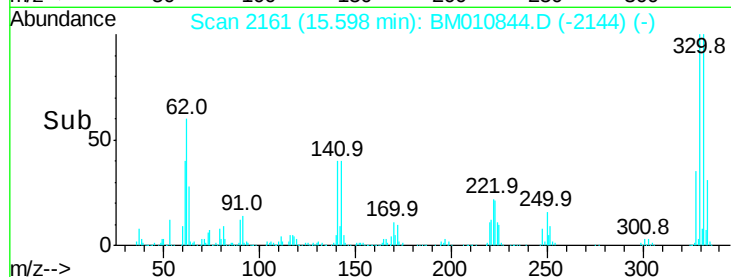
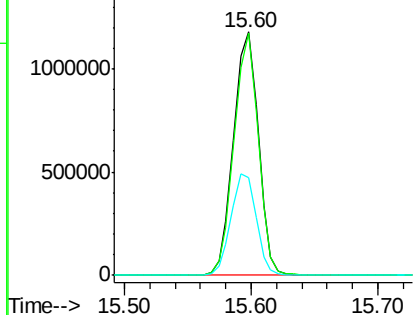
#41
 2,4,6-Tribromophenol
 Concen: 151.229 ng
 RT: 15.60 min Scan# 2161
 Delta R.T. 0.00 min
 Lab File: BM010844.D
 Acq: 17 Jul 2017 20:58

Instrument :
 BNA_M
 ClientSampleId :
 PB100672BL

Tot Ion:330 Resp: 1603447
 Ion Ratio Lower Upper
 330 100
 332 96.7 0.0 0.0#
 141 42.1 0.0 0.0#

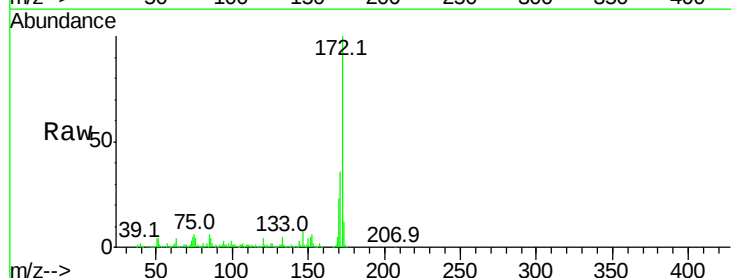


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

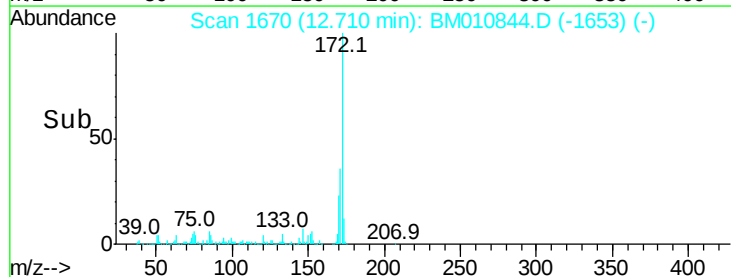
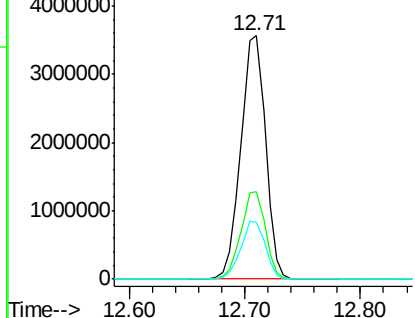


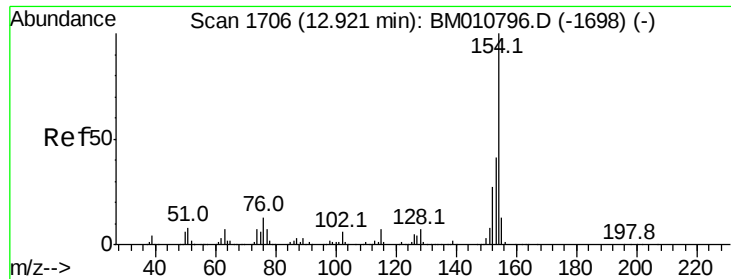
#44
 2-Fluorobiphenyl
 Concen: 94.936 ng
 RT: 12.71 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: BM010844.D
 Acq: 17 Jul 2017 20:58

Tgt Ion:172 Resp: 5294734
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.5 42.7
 170 23.4 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: 0.103 ng

RT: 12.92 min Scan# 1705

Delta R.T. -0.01 min

Lab File: BM010844.D

Acq: 17 Jul 2017 20:58

Instrument :

BNA_M

ClientSampleId :

PB100672BL

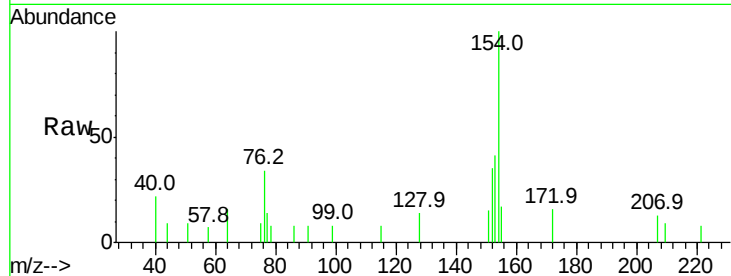
Tot Ion:154 Resp: 6256

Ion Ratio Lower Upper

154 100

153 40.8 20.7 60.7

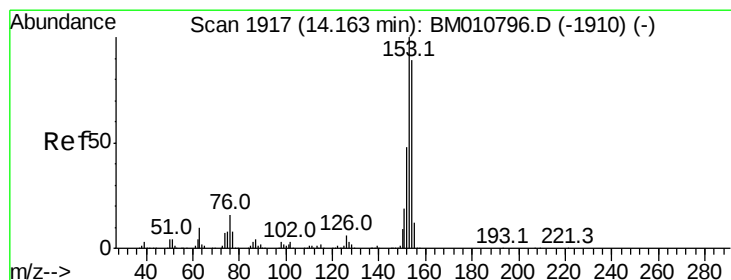
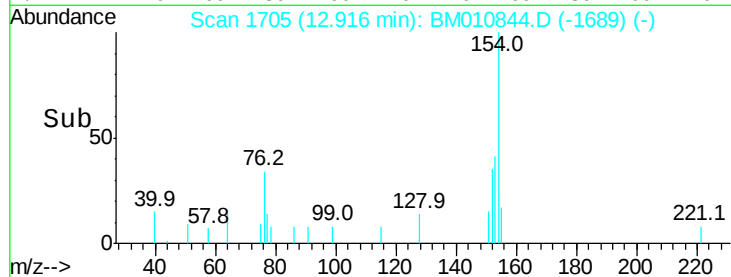
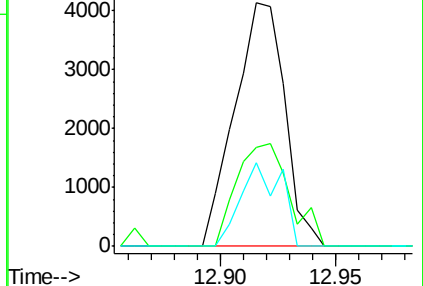
76 34.3 0.0 30.9#



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: 0.071 ng

RT: 14.10 min Scan# 1906

Delta R.T. -0.06 min

Lab File: BM010844.D

Acq: 17 Jul 2017 20:58

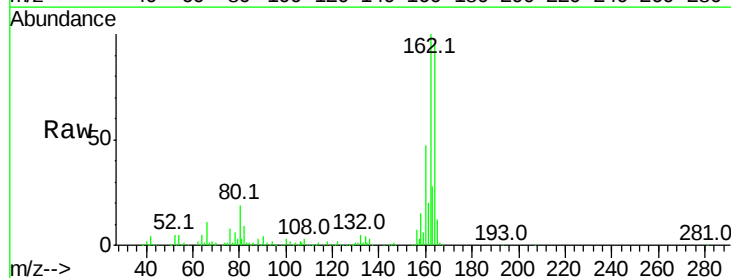
Tgt Ion:154 Resp: 2870

Ion Ratio Lower Upper

154 100

153 0.0 90.0 135.0#

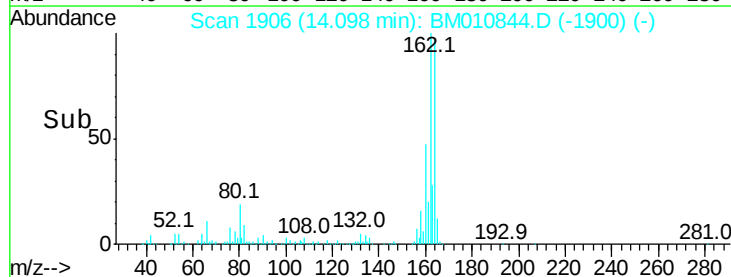
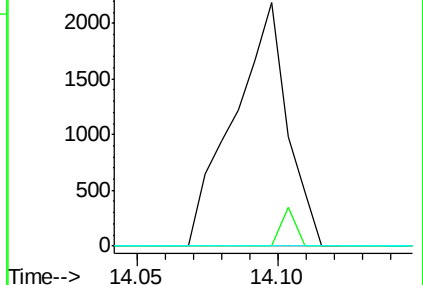
152 0.0 42.6 63.8#

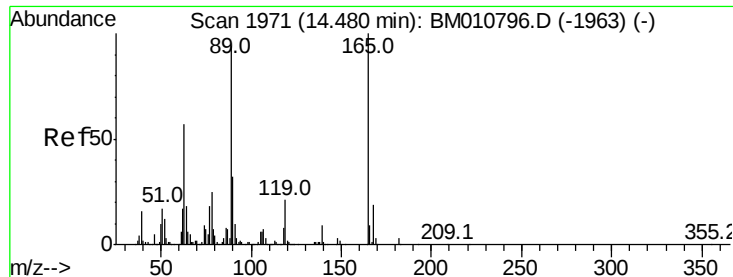


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#56

2,4-Dinitrotoluene

Concen: 0.007 ng

RT: 14.41 min Scan# 1959

Delta R.T. -0.07 min

Lab File: BM010844.D

Acq: 17 Jul 2017 20:58

Instrument :

BNA_M

ClientSampleId :

PB100672BL

Tot Ion:165 Resp: 116

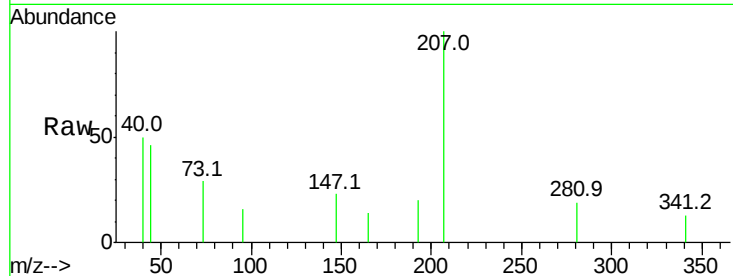
Ion Ratio Lower Upper

165 100

63 0.0 52.4 78.6#

89 0.0 72.4 108.6#

182 0.0 2.0 3.0#

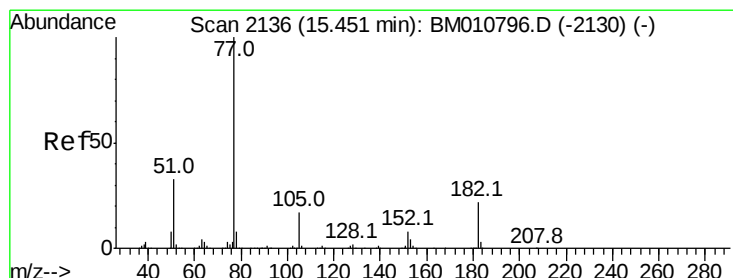
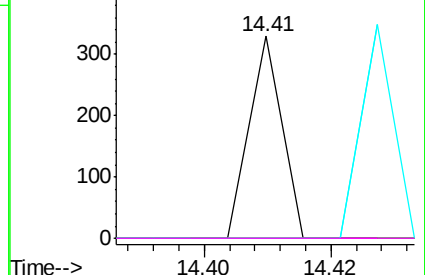
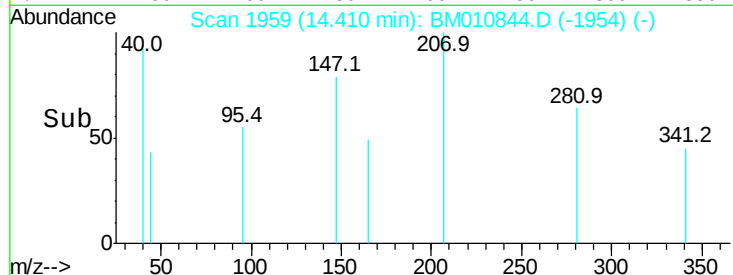


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0

Ion 182.00 (181.70 to 182.70): E



#62

Azobenzene

Concen: 0.006 ng

RT: 15.48 min Scan# 2141

Delta R.T. 0.03 min

Lab File: BM010844.D

Acq: 17 Jul 2017 20:58

Tgt Ion: 77 Resp: 358

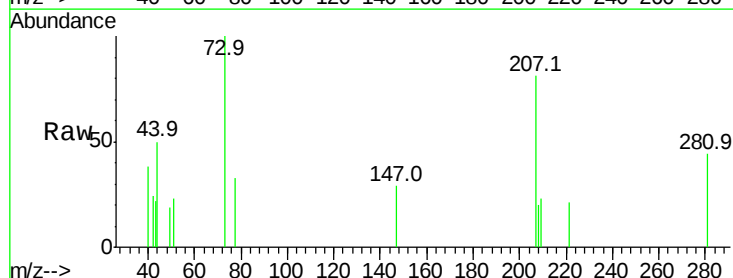
Ion Ratio Lower Upper

77 100

182 0.0 6.5 46.5#

105 0.0 3.8 43.8#

51 67.9 5.5 45.5#

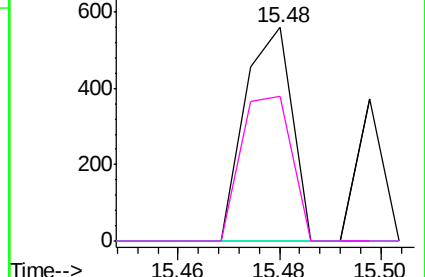
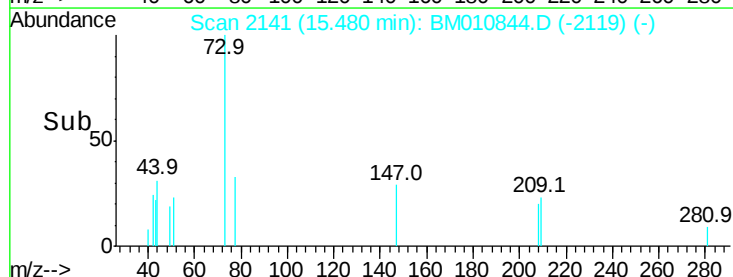


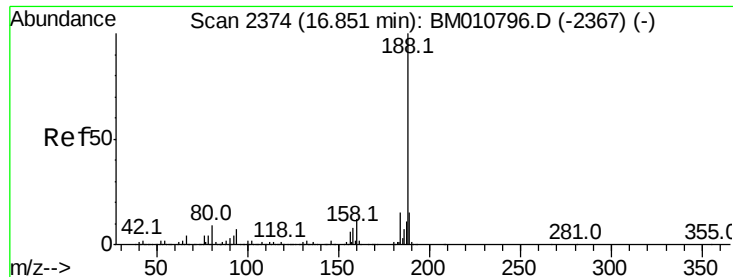
Abundance Ion 77.00 (76.70 to 77.70): BM0

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

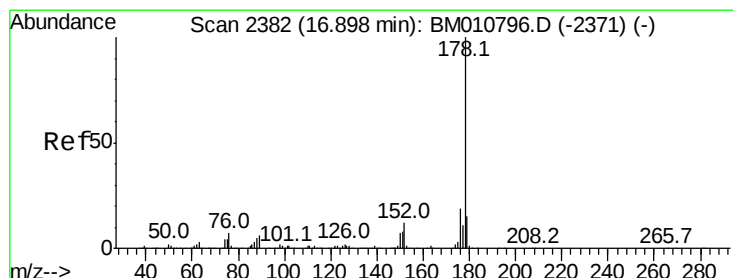
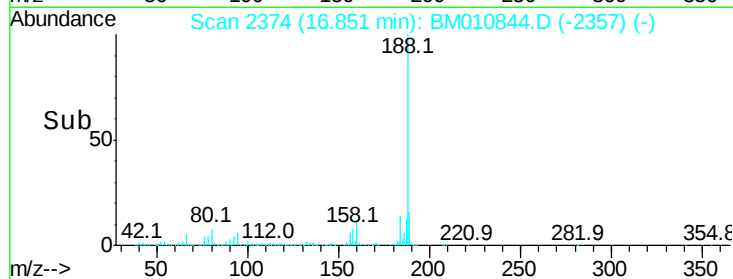
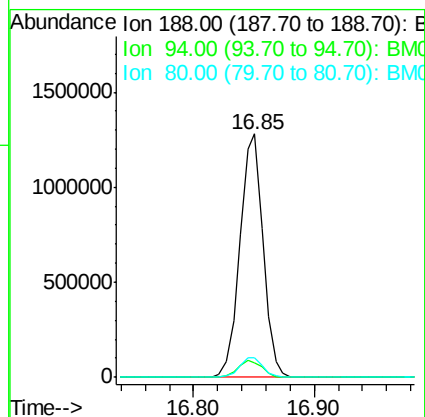
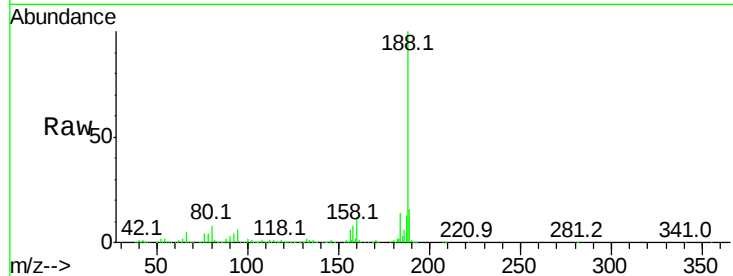




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.85 min Scan# 2374
Delta R.T. 0.00 min
Lab File: BM010844.D
Acq: 17 Jul 2017 20:58

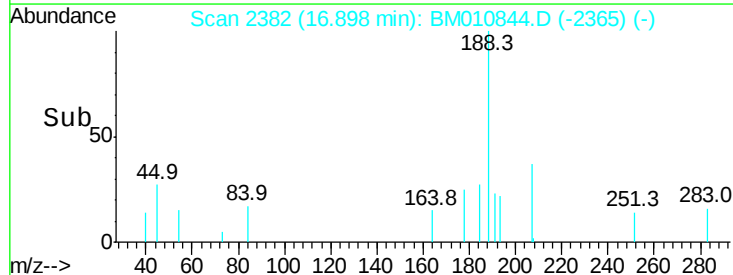
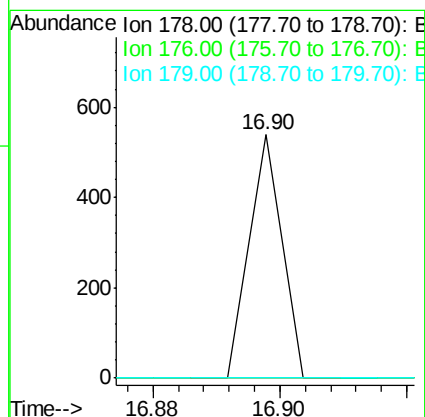
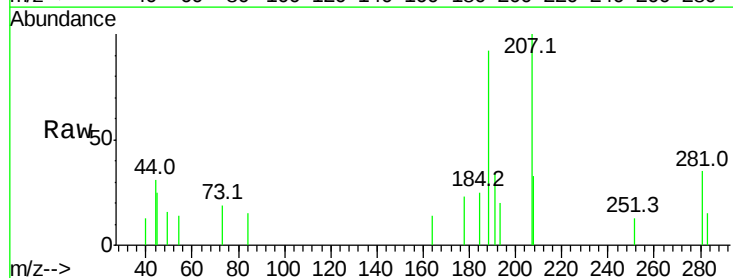
Instrument :
BNA_M
ClientSampleId :
PB100672BL

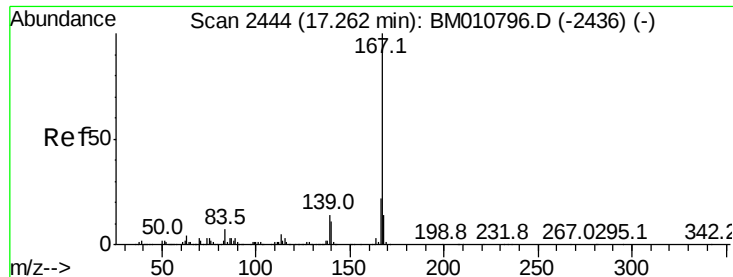
Tot Ion:188 Resp: 1711167
Ion Ratio Lower Upper
188 100
94 6.2 8.7 13.1#
80 8.3 9.3 13.9#



#70
Phenanthrene
Concen: 0.002 ng
RT: 16.90 min Scan# 2382
Delta R.T. 0.00 min
Lab File: BM010844.D
Acq: 17 Jul 2017 20:58

Tgt Ion:178 Resp: 190
Ion Ratio Lower Upper
178 100
176 0.0 15.2 22.8#
179 0.0 12.1 18.1#





#72

Carbazole

Concen: 0.003 ng

RT: 17.26 min Scan# 2444

Delta R.T. 0.00 min

Lab File: BM010844.D

Acq: 17 Jul 2017 20:58

Instrument :

BNA_M

ClientSampleId :

PB100672BL

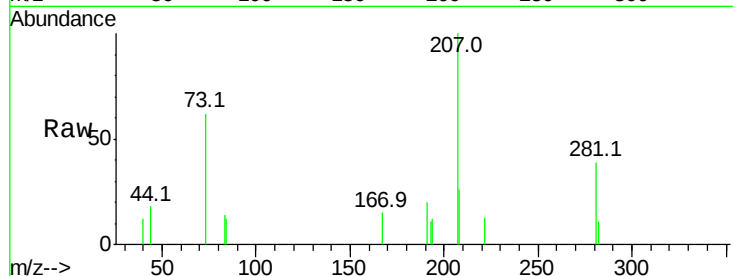
Tot Ion:167 Resp: 266

Ion Ratio Lower Upper

167 100

166 0.0 17.2 25.8#

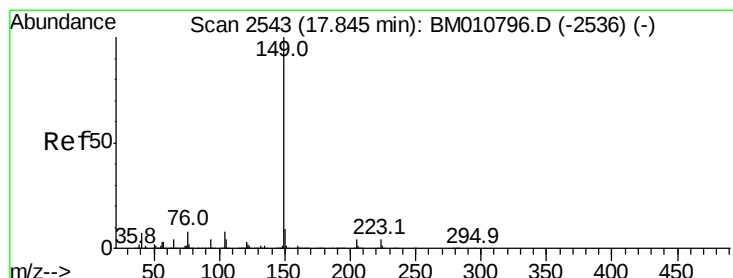
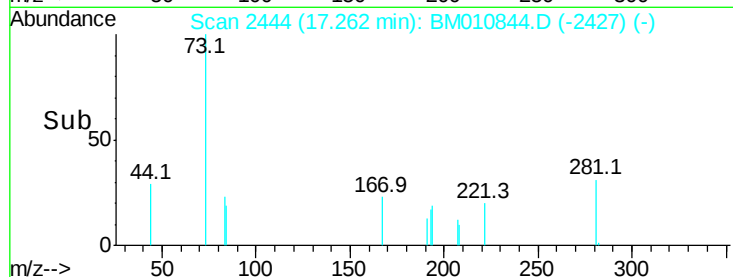
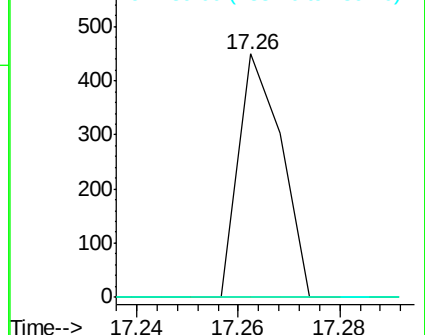
139 0.0 10.8 16.2#



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: 0.005 ng

RT: 17.84 min Scan# 2542

Delta R.T. -0.01 min

Lab File: BM010844.D

Acq: 17 Jul 2017 20:58

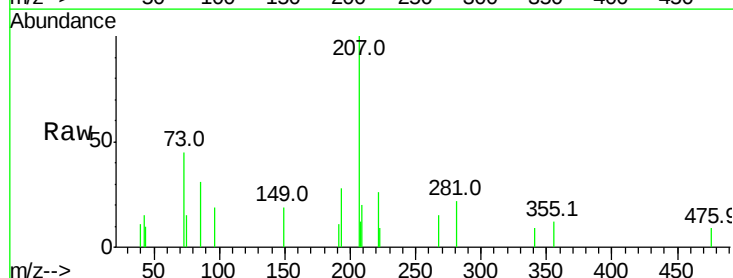
Tgt Ion:149 Resp: 434

Ion Ratio Lower Upper

149 100

150 0.0 7.5 11.3#

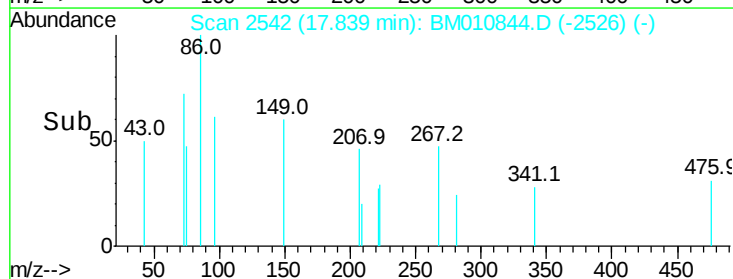
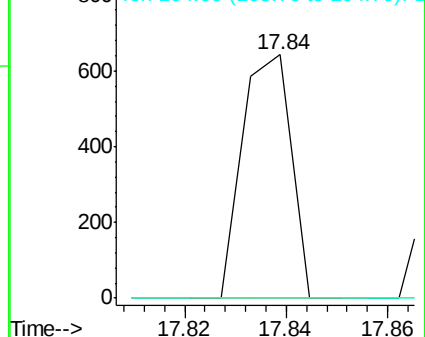
104 0.0 3.7 5.5#

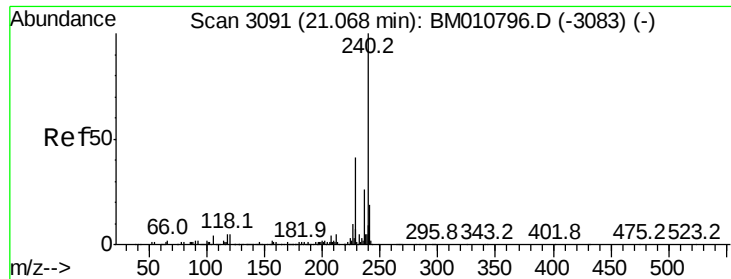


Abundance Ion 149.00 (148.70 to 149.70): E

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: BM010844.D

Acq: 17 Jul 2017 20:58

Instrument :

BNA_M

ClientSampleId :

PB100672BL

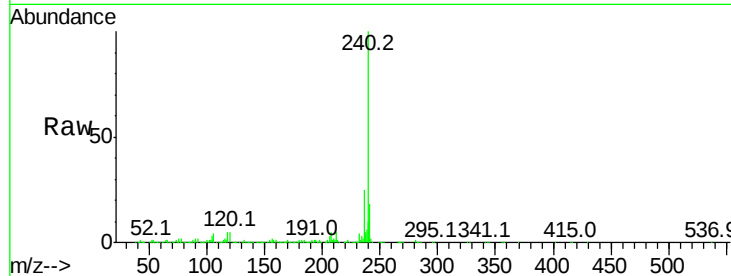
Tot Ion:240 Resp: 1895756

Ion Ratio Lower Upper

240 100

120 5.3 8.2 12.2#

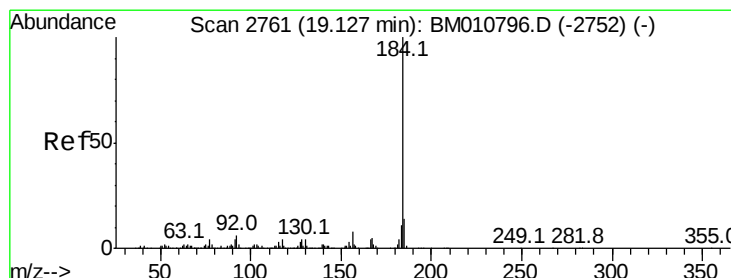
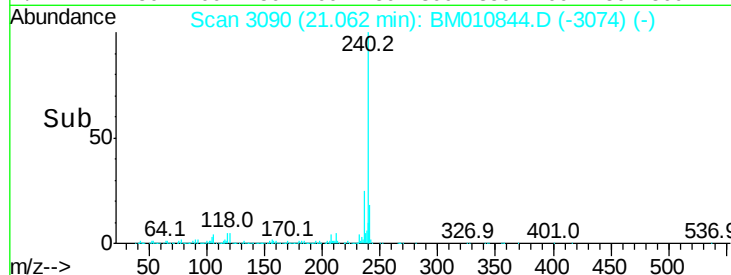
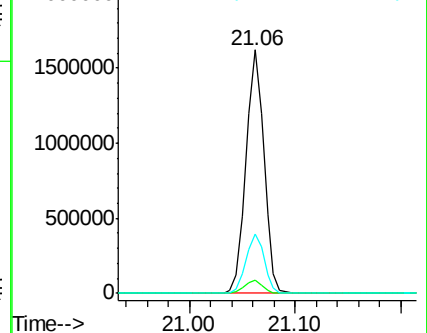
236 24.6 20.0 30.0



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



#76

Benzidine

Concen: 0.111 ng

RT: 19.12 min Scan# 2760

Delta R.T. -0.01 min

Lab File: BM010844.D

Acq: 17 Jul 2017 20:58

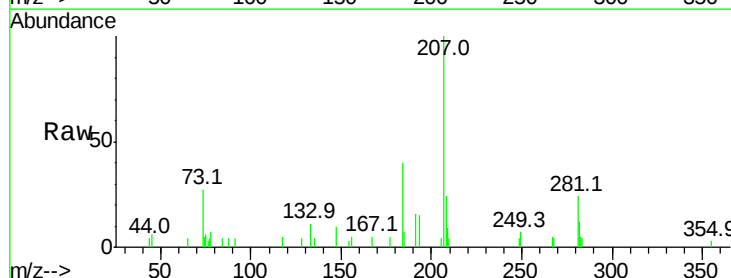
Tgt Ion:184 Resp: 5646

Ion Ratio Lower Upper

184 100

185 17.9 11.3 16.9#

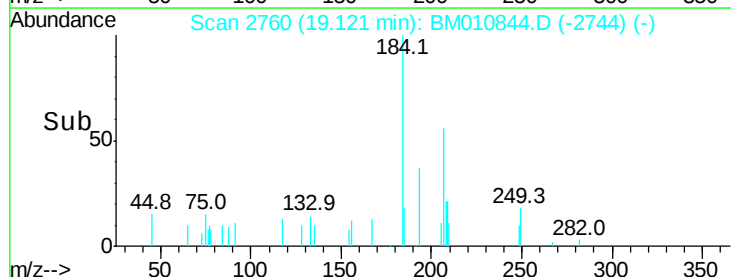
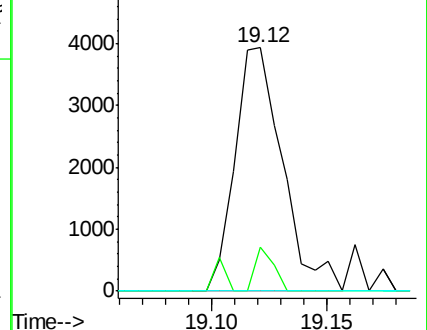
183 0.0 8.9 13.3#

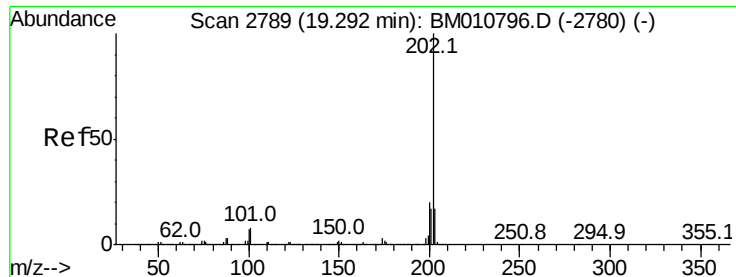


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

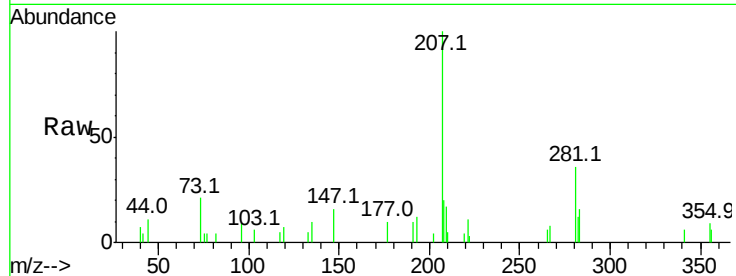




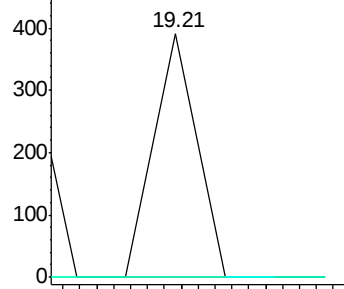
#77
Pvrene
Concen: 0.001 ng
RT: 19.21 min Scan# 2775
Delta R.T. -0.08 min
Lab File: BM010844.D
Acq: 17 Jul 2017 20:58

Instrument :
BNA_M
ClientSampleId :
PB100672BL

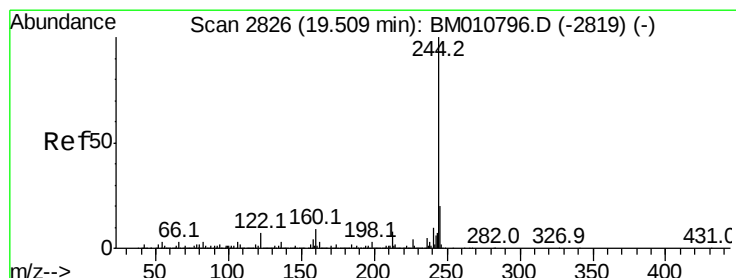
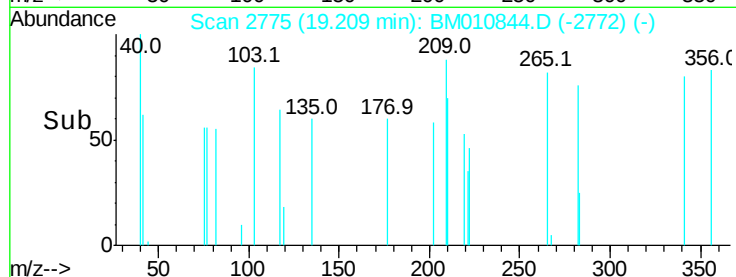
Tot Ion	Ratio	Lower	Upper
202	100		
200	0.0	16.9	25.3#
203	0.0	14.1	21.1#



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

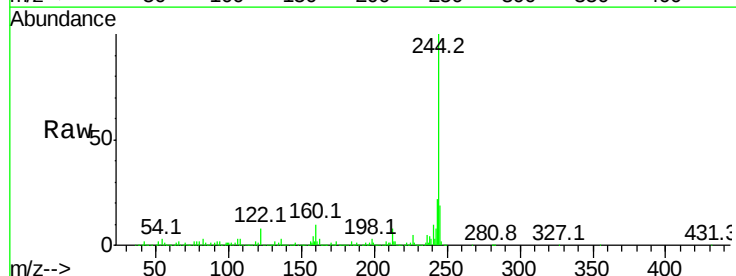


Time-->

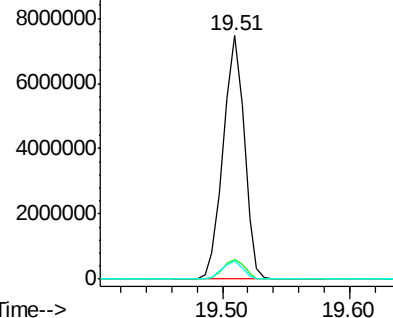


#78
Terphenyl-d14
Concen: 87.217 ng
RT: 19.51 min Scan# 2826
Delta R.T. 0.00 min
Lab File: BM010844.D
Acq: 17 Jul 2017 20:58

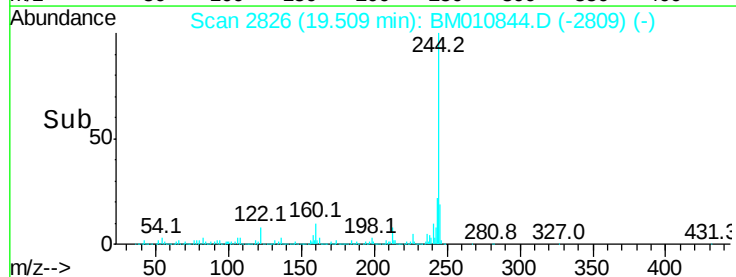
Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.3	4.9	7.3#
122	7.6	6.2	9.4

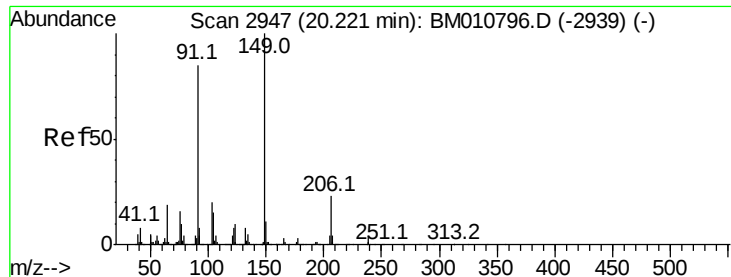


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time-->

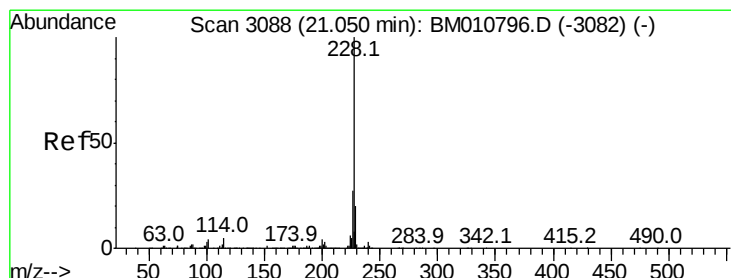
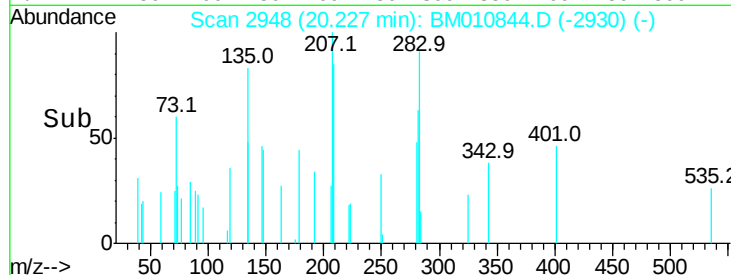
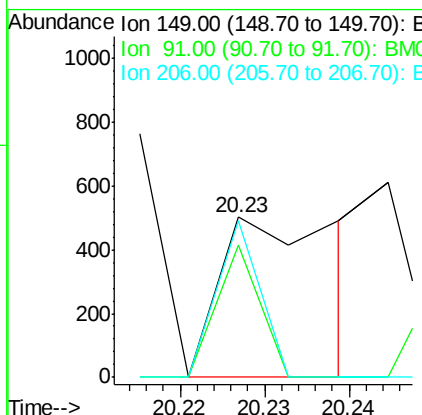
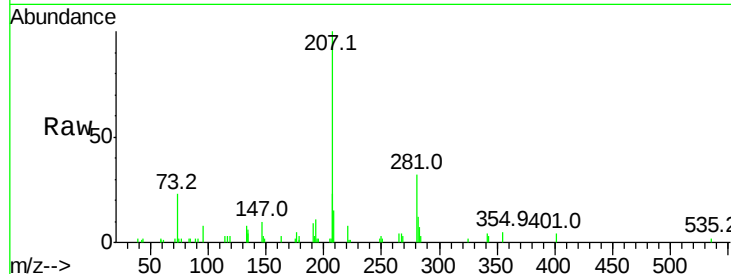




#79
 Butylbenzylphthalate
 Concen: 0.013 ng
 RT: 20.23 min Scan# 2948
 Delta R.T. 0.01 min
 Lab File: BM010844.D
 Acq: 17 Jul 2017 20:58

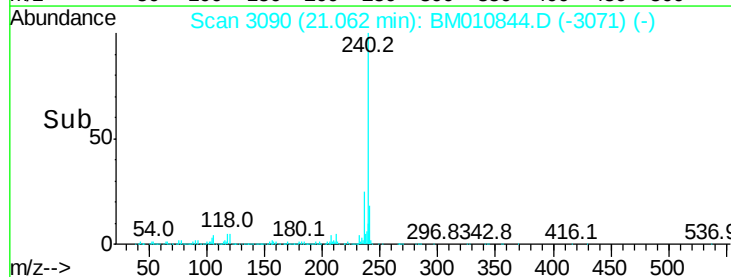
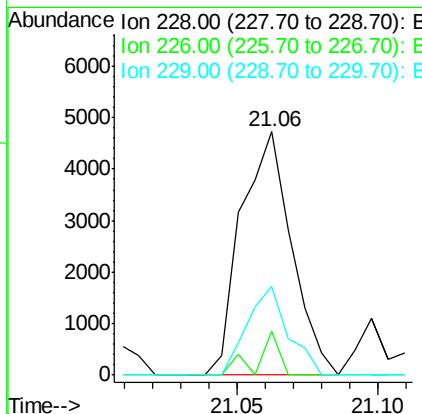
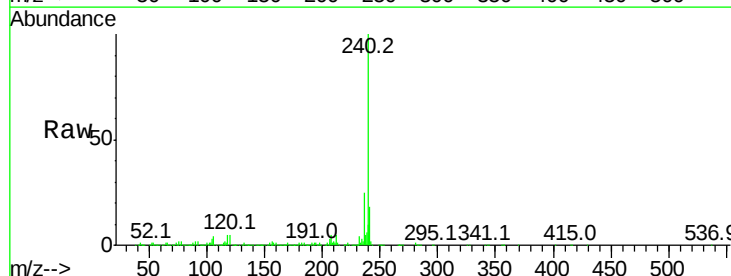
Instrument :
 BNA_M
 ClientSampleID :
 PB100672BL

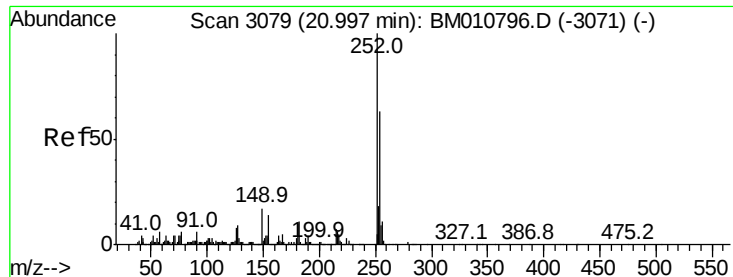
Tot Ion:149 Resp: 497
 Ion Ratio Lower Upper
 149 100
 91 83.1 50.1 75.1#
 206 98.2 16.2 24.2#



#80
 Benzo(a)anthracene
 Concen: 0.053 ng
 RT: 21.06 min Scan# 3090
 Delta R.T. 0.01 min
 Lab File: BM010844.D
 Acq: 17 Jul 2017 20:58

Tgt Ion:228 Resp: 5855
 Ion Ratio Lower Upper
 228 100
 226 17.1 21.7 32.5#
 229 34.0 16.0 24.0#





#81

3,3'-Dichlorobenzidine

Concen: 0.031 ng

RT: 21.00 min Scan# 3080

Delta R.T. 0.01 min

Lab File: BM010844.D

Acq: 17 Jul 2017 20:58

Instrument :

BNA_M

ClientSampleId :

PB100672BL

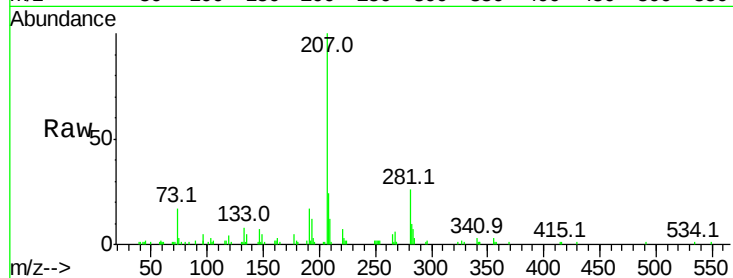
Tot Ion:252 Resp: 1343

Ion Ratio Lower Upper

252 100

254 0.0 51.9 77.9#

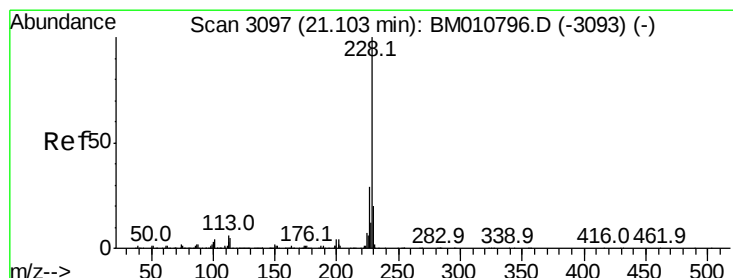
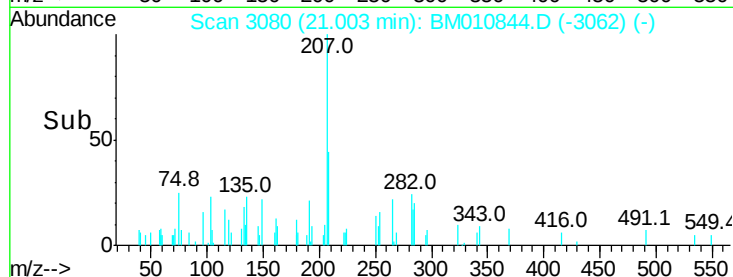
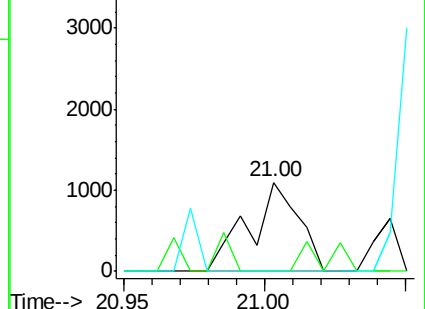
126 0.0 9.8 14.8#



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: 0.008 ng

RT: 21.10 min Scan# 3096

Delta R.T. -0.01 min

Lab File: BM010844.D

Acq: 17 Jul 2017 20:58

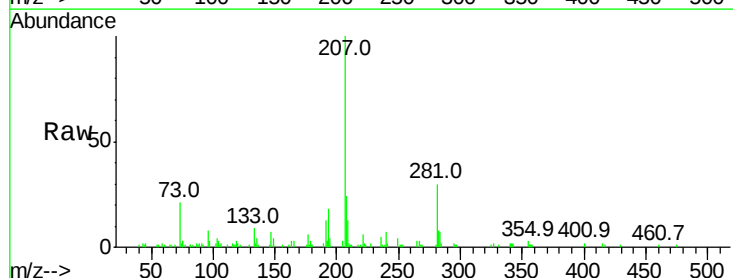
Tgt Ion:228 Resp: 815

Ion Ratio Lower Upper

228 100

226 0.0 24.1 36.1#

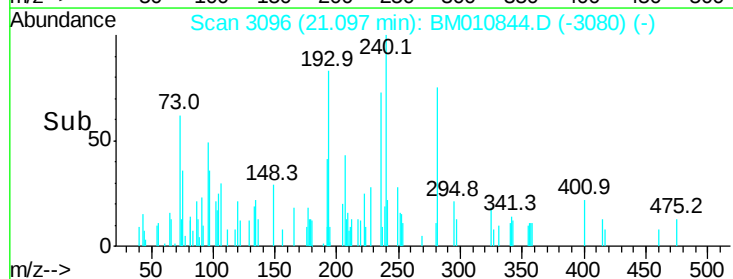
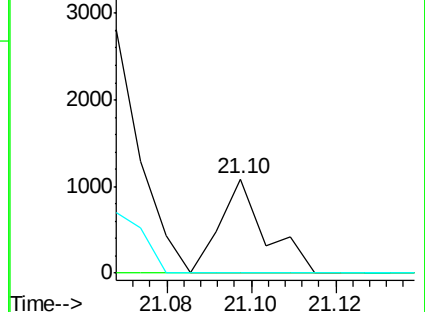
229 0.0 15.5 23.3#

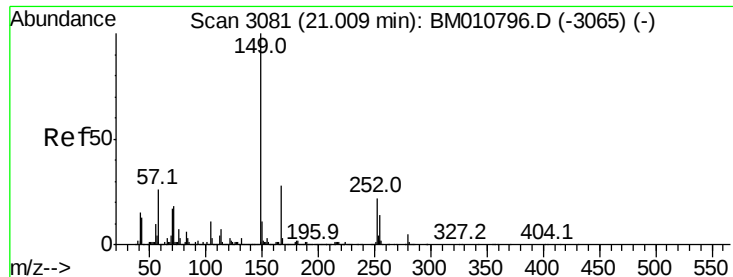


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.037 ng

RT: 21.00 min Scan# 3080

Delta R.T. -0.01 min

Lab File: BM010844.D

Acq: 17 Jul 2017 20:58

Instrument :

BNA_M

ClientSampleId :

PB100672BL

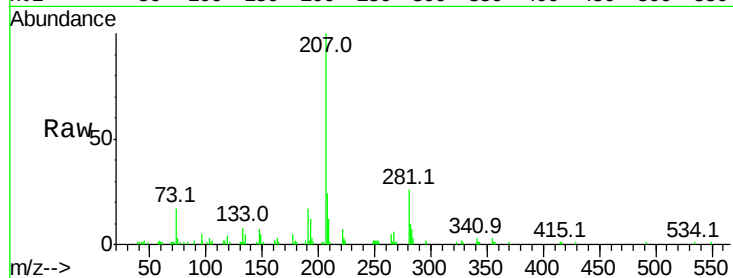
Tot Ion:149 Resp: 2054

Ion Ratio Lower Upper

149 100

167 0.0 22.4 33.6#

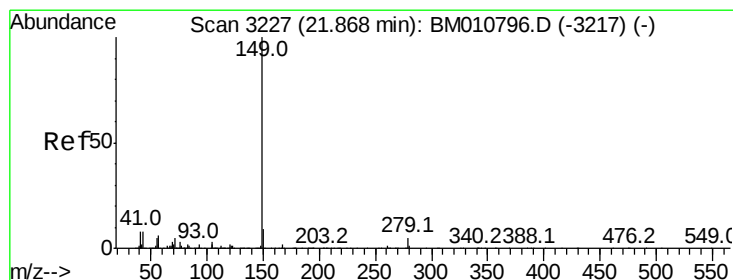
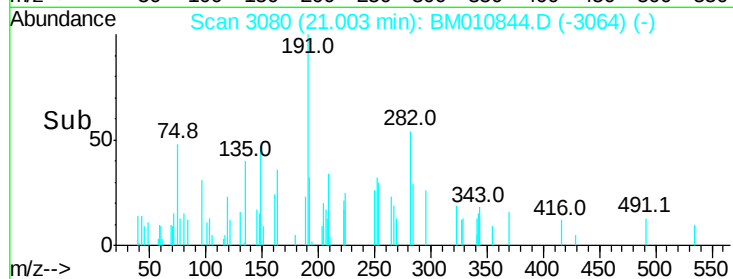
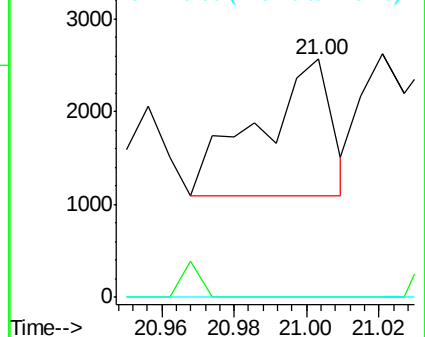
279 0.0 3.4 5.0#



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: 0.022 ng

RT: 21.86 min Scan# 3225

Delta R.T. -0.01 min

Lab File: BM010844.D

Acq: 17 Jul 2017 20:58

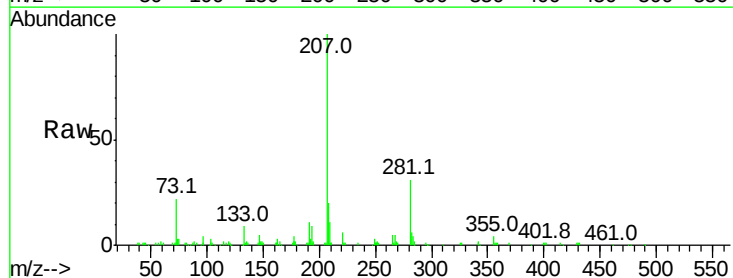
Tgt Ion:149 Resp: 2007

Ion Ratio Lower Upper

149 100

167 15.2 1.2 1.8#

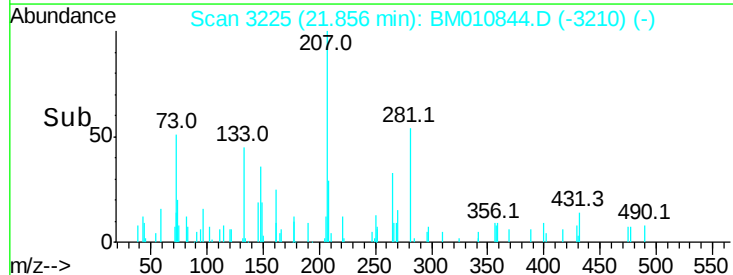
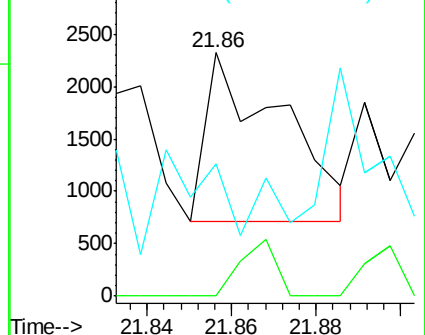
43 0.0 7.3 10.9#

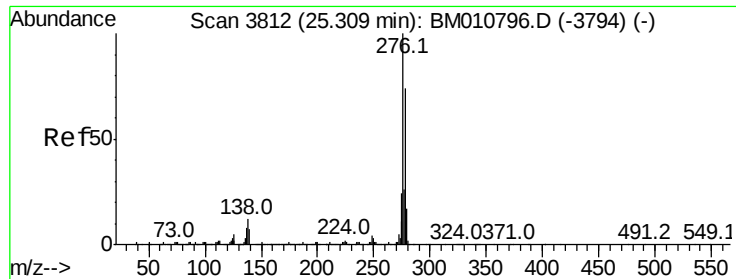


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM

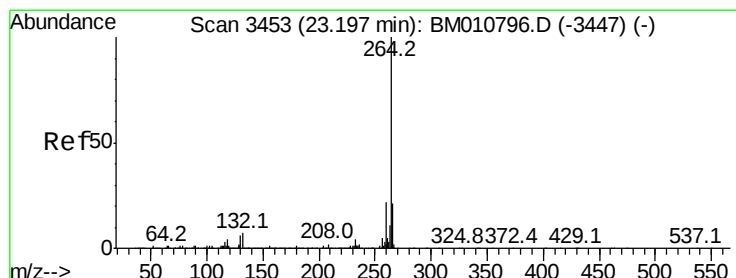
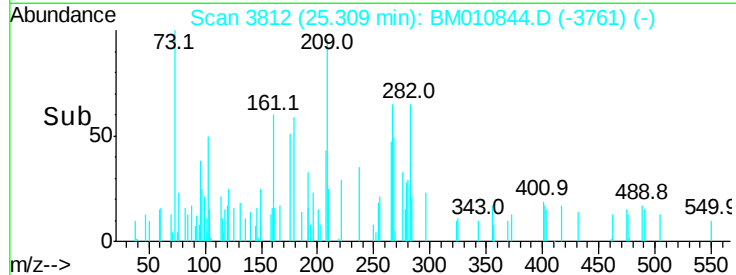
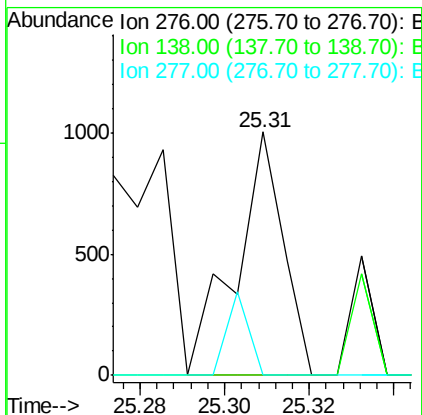
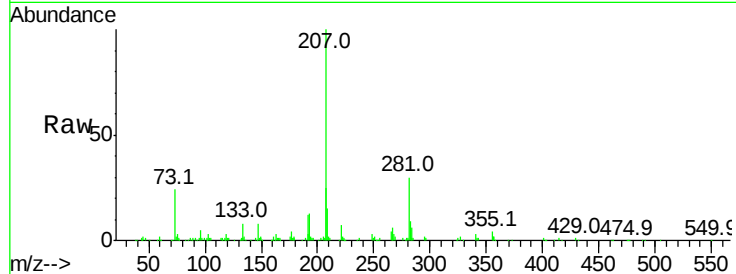




#85
Indeno(1,2,3-cd)pyrene
Concen: 0.007 ng
RT: 25.31 min Scan# 3812
Delta R.T. 0.00 min
Lab File: BM010844.D
Acq: 17 Jul 2017 20:58

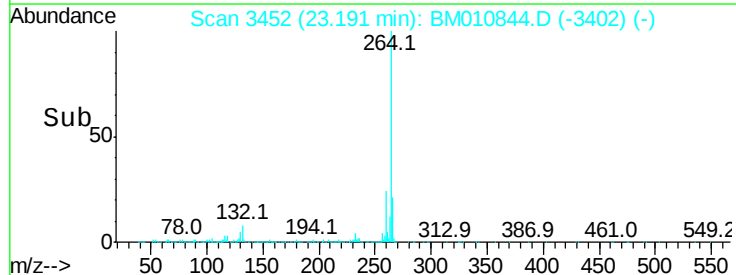
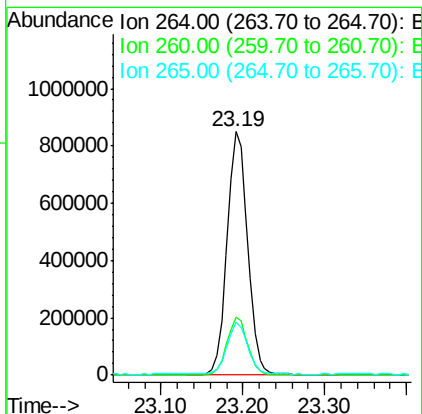
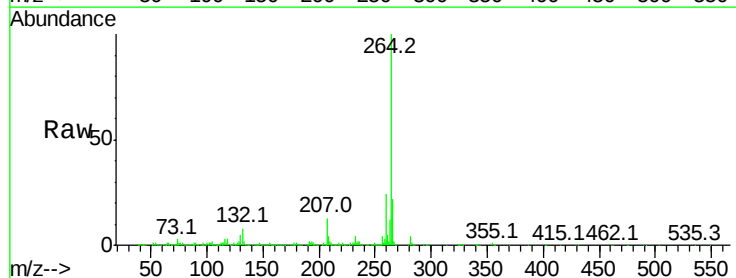
Instrument :
BNA_M
ClientSampleId :
PB100672BL

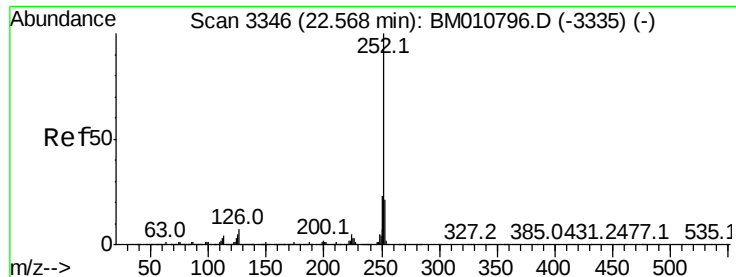
Tot Ion:276 Resp: 785
Ion Ratio Lower Upper
276 100
138 0.0 0.0 0.0
277 15.4 0.0 0.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.19 min Scan# 3452
Delta R.T. -0.01 min
Lab File: BM010844.D
Acq: 17 Jul 2017 20:58

Tgt Ion:264 Resp: 1491946
Ion Ratio Lower Upper
264 100
260 24.0 18.6 27.8
265 21.7 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 0.021 ng

RT: 22.56 min Scan# 3345

Delta R.T. -0.01 min

Lab File: BM010844.D

Acq: 17 Jul 2017 20:58

Instrument :

BNA_M

ClientSampleId :

PB100672BL

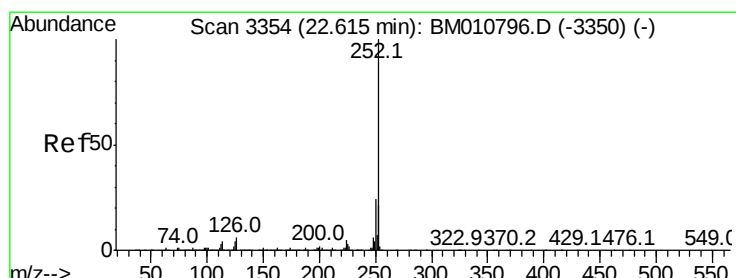
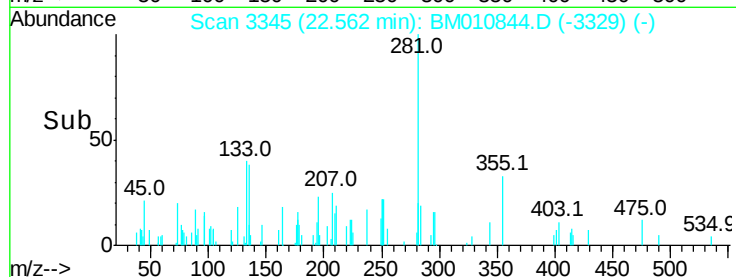
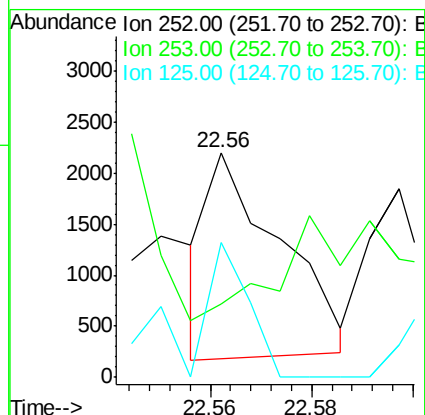
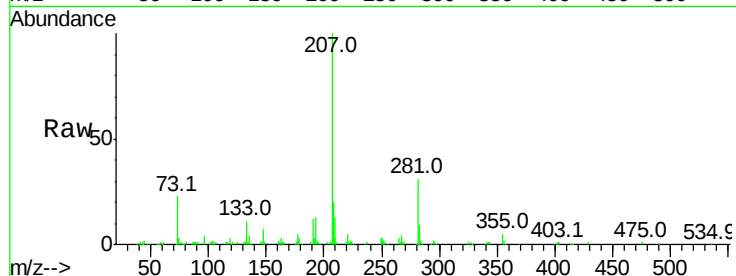
Tot Ion:252 Resp: 1992

Ion Ratio Lower Upper

252 100

253 32.9 18.0 27.0#

125 60.2 9.9 14.9#



#88

Benzo(k)fluoranthene

Concen: 0.010 ng

RT: 22.60 min Scan# 3351

Delta R.T. -0.02 min

Lab File: BM010844.D

Acq: 17 Jul 2017 20:58

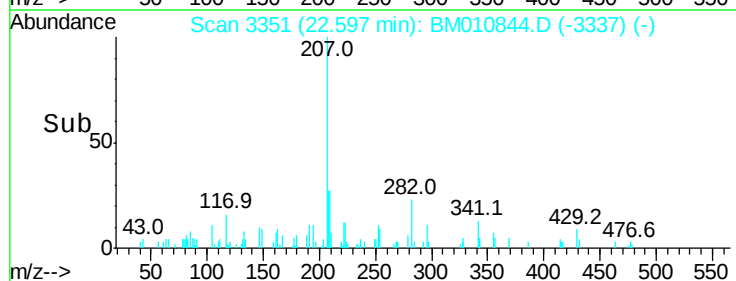
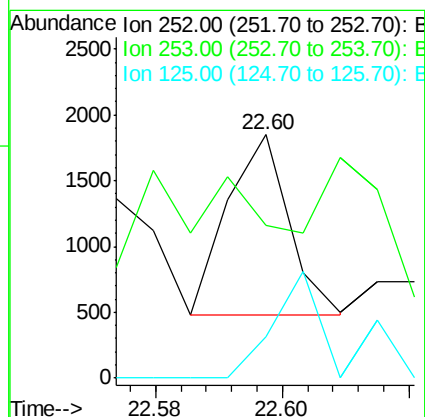
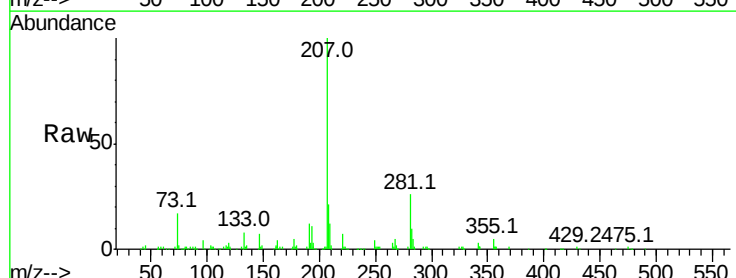
Tgt Ion:252 Resp: 914

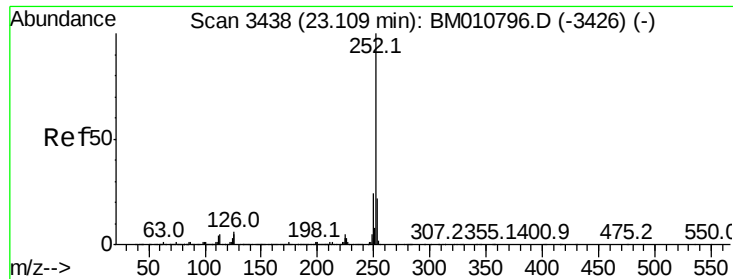
Ion Ratio Lower Upper

252 100

253 62.7 17.2 25.8#

125 17.1 8.1 12.1#





#89

Benzo(a)pyrene

Concen: 0.011 ng

RT: 23.11 min Scan# 3439

Delta R.T. 0.01 min

Lab File: BM010844.D

Acq: 17 Jul 2017 20:58

Instrument :

BNA_M

ClientSampleId :

PB100672BL

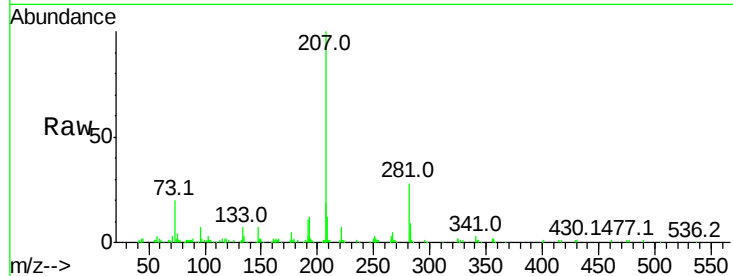
Tot Ion:252 Resp: 940

Ion Ratio Lower Upper

252 100

253 61.8 17.6 26.4#

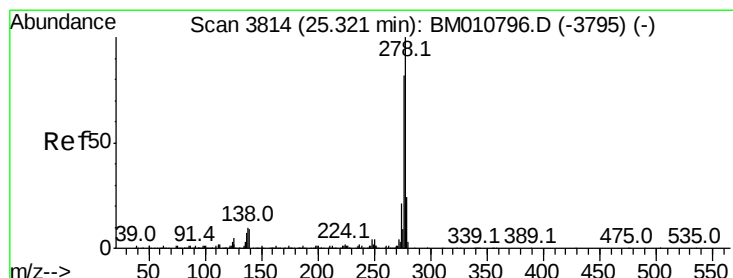
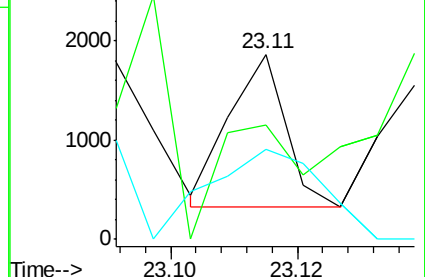
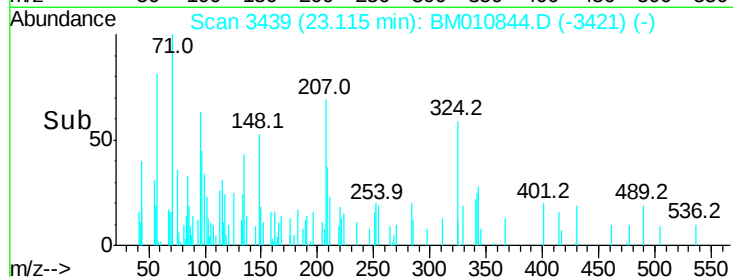
125 48.8 7.4 11.2#



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



#90

Dibenzo(a,h)anthracene

Concen: 0.012 ng

RT: 25.30 min Scan# 3811

Delta R.T. -0.02 min

Lab File: BM010844.D

Acq: 17 Jul 2017 20:58

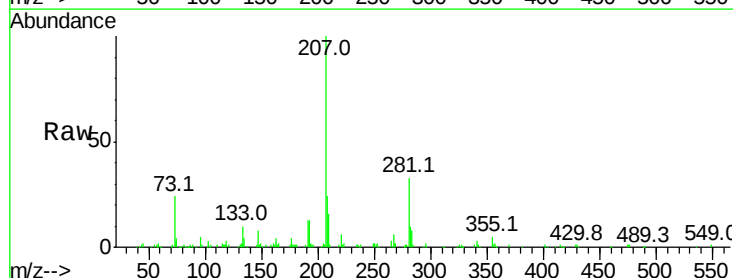
Tgt Ion:278 Resp: 964

Ion Ratio Lower Upper

278 100

139 0.0 13.4 20.0#

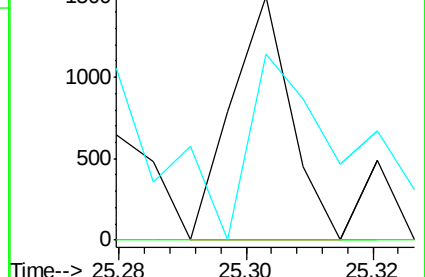
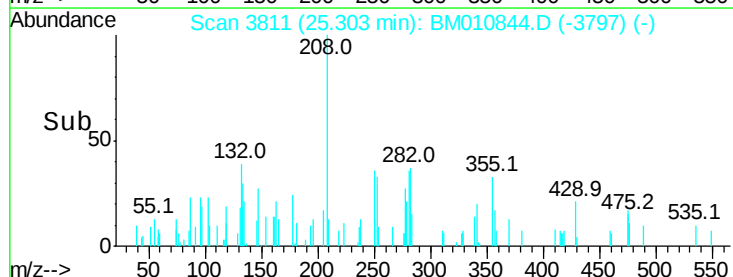
279 76.5 19.0 28.4#

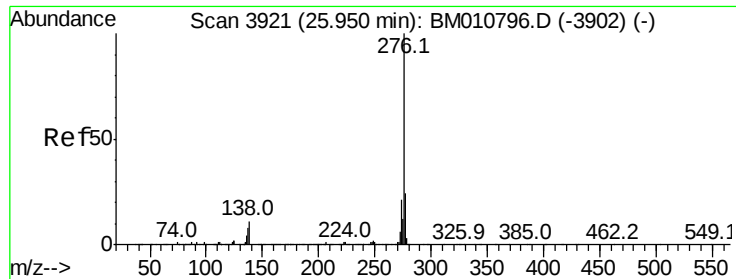


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 0.017 ng

RT: 25.92 min Scan# 3916

Delta R.T. -0.03 min

Lab File: BM010844.D

Acq: 17 Jul 2017 20:58

Instrument :

BNA_M

ClientSampleId :

PB100672BL

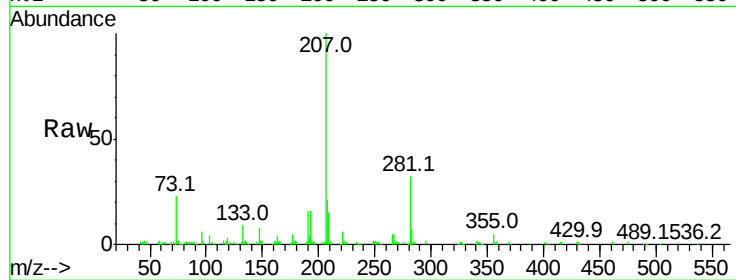
Tot Ion: 276 Resp: 1361

Ion Ratio Lower Upper

276 100

277 0.0 18.5 27.7#

138 0.0 19.0 28.6#

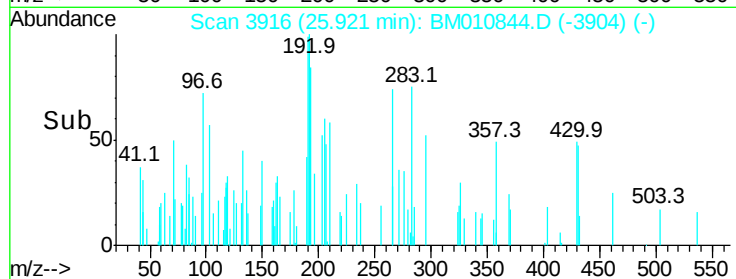


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

Time-->



Time-->