

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071717\
 Data File : BM010853.D
 Acq On : 18 Jul 2017 02:21
 Operator : SJ/JU
 Sample : I4199-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 3561-PP1

Quant Time: Jul 18 05:45:09 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	248480	20.00	ng	-0.01
21) Naphthalene-d8	10.20	136	982184	20.00	ng	0.00
38) Acenaphthene-d10	14.09	164	595525	20.00	ng	0.00
63) Phenanthrene-d10	16.84	188	1344672	20.00	ng	0.00
75) Chrysene-d12	21.06	240	1469656	20.00	ng	0.00
86) Perylene-d12	23.19	264	1435837	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.08	112	899944	59.99	ng	0.00
7) Phenol-d6	6.63	99	752389	36.38	ng	0.00
23) Nitrobenzene-d5	8.59	82	2439134	95.46	ng	0.00
41) 2,4,6-Tribromophenol	15.59	330	1272104	139.78	ng	0.00
44) 2-Fluorobiphenyl	12.70	172	4933460	103.06	ng	0.00
78) Terphenyl-d14	19.51	244	6527350	85.90	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.10	88	295	0.045	ng	# 100
3) Pyridine	3.40	79	175	0.010	ng	# 1
4) n-Nitrosodimethylamine	3.38	42	111	0.012	ng	# 85
6) Aniline	6.80	93	2396	0.092	ng	# 73
8) 2-Chlorophenol	7.02	128	300	0.020	ng	# 59
9) Benzaldehyde	6.59	77	124	0.009	ng	# 2
10) Phenol	6.66	94	2166	0.099	ng	# 12
14) 1,2-Dichlorobenzene	7.79	146	213	0.012	ng	# 1
16) 2,2'-oxybis(1-Chloropropan	7.95	45	112	0.008	ng	# 66
19) n-Nitroso-di-n-propylamine	8.25	70	168	0.010	ng	# 37
20) 3+4-Methylphenols	8.20	107	123	0.006	ng	# 19
22) Acetophenone	8.27	105	111	0.004	ng	# 1
24) Nitrobenzene	8.59	77	12507	0.478	ng	# 43
25) Isophorone	9.10	82	309	0.007	ng	# 62
27) 2,4-Dimethylphenol	9.43	122	113	0.007	ng	# 6
28) bis(2-Chloroethoxy)methane	9.65	93	387	0.016	ng	# 50
31) Naphthalene	10.26	128	241	0.005	ng	# 69
32) Benzoic acid	9.52	122	192	0.016	ng	# 1
36) 4-Chloro-3-methylphenol	11.56	107	594	0.028	ng	# 14
45) 1,1'-Biphenyl	12.92	154	5797	0.112	ng	# 76
47) 2-Nitroaniline	13.17	65	285	0.023	ng	# 1
48) Acenaphthylene	13.80	152	1383	0.024	ng	# 61
49) Dimethylphthalate	13.56	163	25856	0.510	ng	# 92
50) 2,6-Dinitrotoluene	13.63	165	260	0.026	ng	# 24
51) Acenaphthene	14.16	154	300	0.009	ng	# 5
54) Dibenzofuran	14.50	168	279	0.005	ng	# 48
55) 4-Nitrophenol	14.32	139	135	0.017	ng	# 45
57) Fluorene	15.14	166	2379	0.049	ng	# 8
59) Diethylphthalate	14.95	149	6010	0.120	ng	# 89
61) 4-Nitroaniline	15.14	138	296	0.031	ng	# 28
62) Azobenzene	15.43	77	1617	0.032	ng	# 50
69) Pentachlorophenol	16.50	266	1038	0.083	ng	# 54
70) Phenanthrene	16.89	178	875	0.013	ng	# 14
71) Anthracene	16.98	178	1971	0.028	ng	# 67

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071717\
 Data File : BM010853.D
 Acq On : 18 Jul 2017 02:21
 Operator : SJ/JU
 Sample : I4199-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 3561-PP1

Quant Time: Jul 18 05:45:09 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)

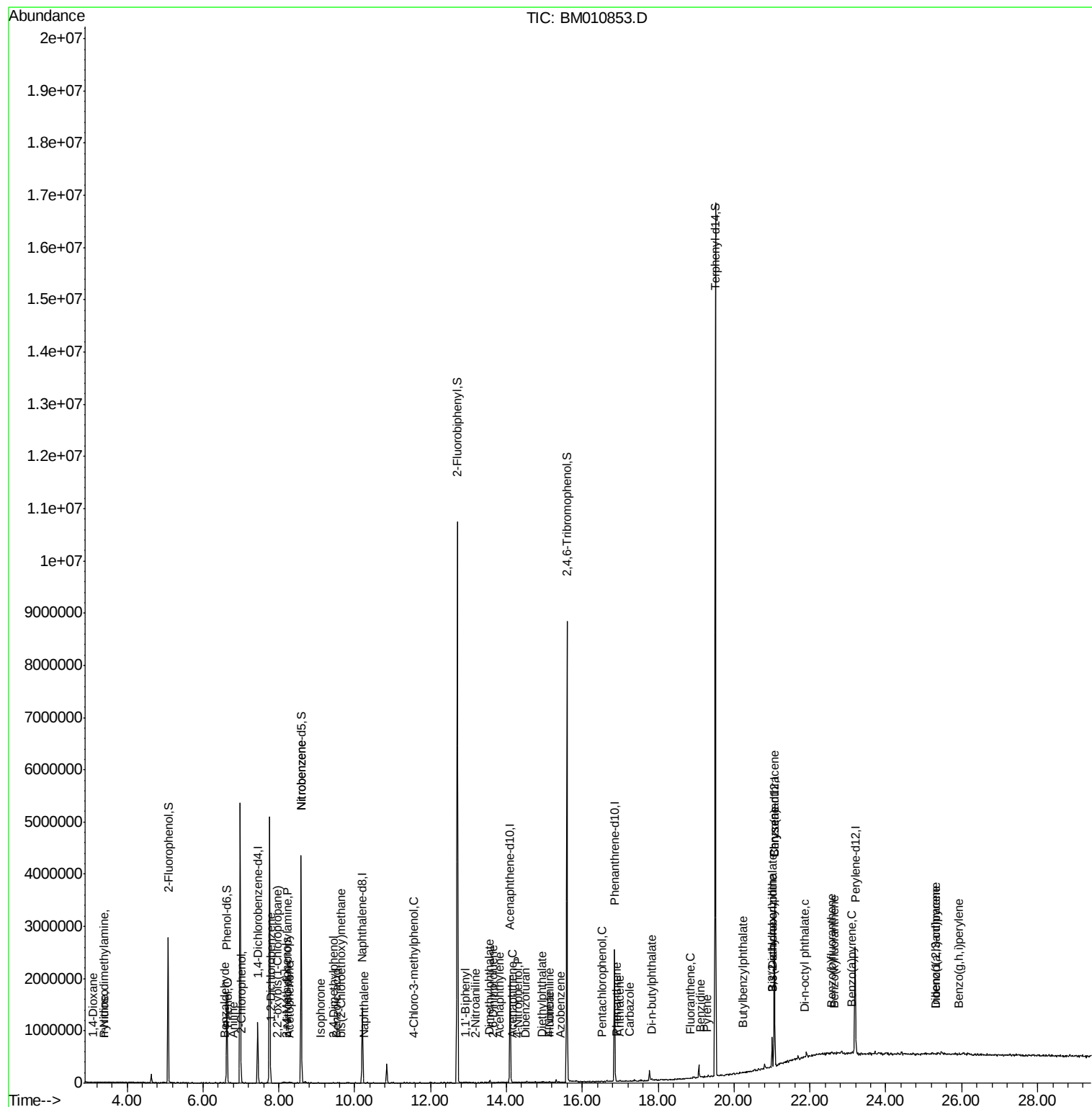
72) Carbazole	17.24	167	836	0.014	nq	# 59
73) Di-n-butylphthalate	17.84	149	14162	0.196	nq	# 94
74) Fluoranthene	18.84	202	296	0.003	nq	66
76) Benzidine	19.12	184	574	0.015	nq	# 1
77) Pyrene	19.28	202	2194	0.026	nq	# 42
79) Butylbenzylphthalate	20.22	149	2823	0.095	nq	# 17
80) Benzo(a)anthracene	21.07	228	5700	0.067	nq	96
81) 3,3'-Dichlorobenzidine	21.00	252	2004	0.060	nq	# 16
82) Chrysene	21.07	228	5700	0.070	nq	99
83) Bis(2-ethylhexyl)phthalate	21.00	149	178292	4.105	nq	# 97
84) Di-n-octyl phthalate	21.87	149	746	0.010	nq	# 1
85) Indeno(1,2,3-cd)pyrene	25.30	276	681	0.007	nq	# 100
87) Benzo(b)fluoranthene	22.57	252	2066	0.023	nq	# 1
88) Benzo(k)fluoranthene	22.63	252	796	0.009	nq	# 1
89) Benzo(a)pyrene	23.10	252	1022	0.012	nq	# 24
90) Dibenzo(a,h)anthracene	25.30	278	179	0.002	nq	# 7
91) Benzo(g,h,i)perylene	25.93	276	643	0.008	nq	# 52

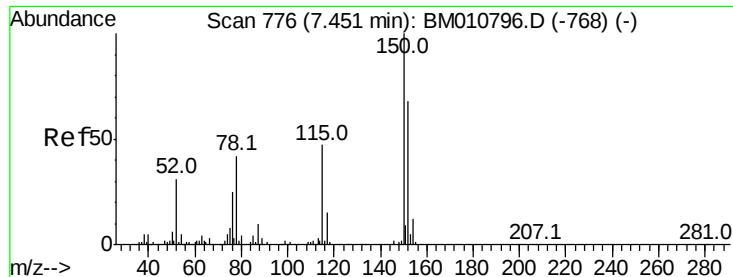
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071717\
Data File : BM010853.D
Acq On : 18 Jul 2017 02:21
Operator : SJ/JU
Sample : I4199-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
3561-PP1

Quant Time: Jul 18 05:45:09 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



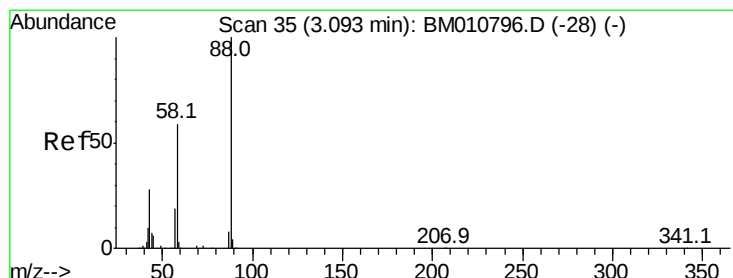
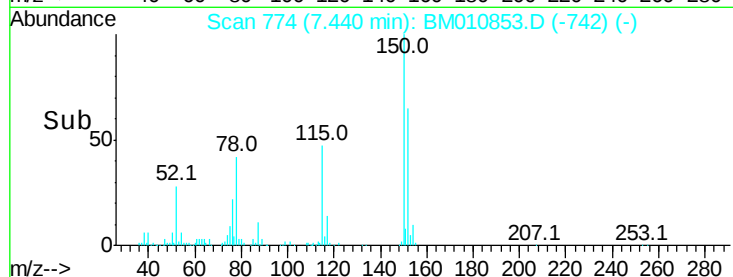
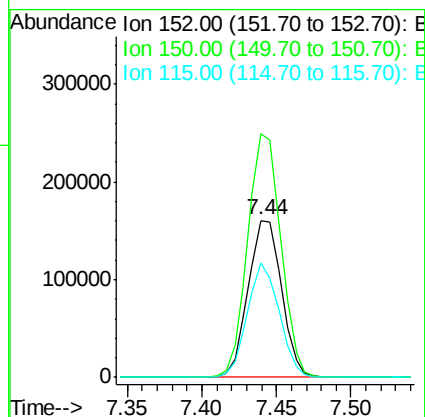
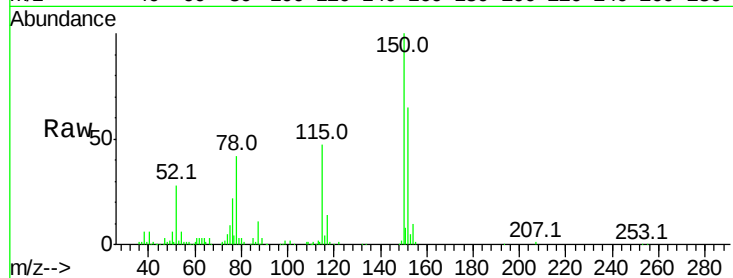


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.44 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM010853.D
Acq: 18 Jul 2017 02:21

Instrument :
BNA_M
ClientSampleId :
3561-PP1

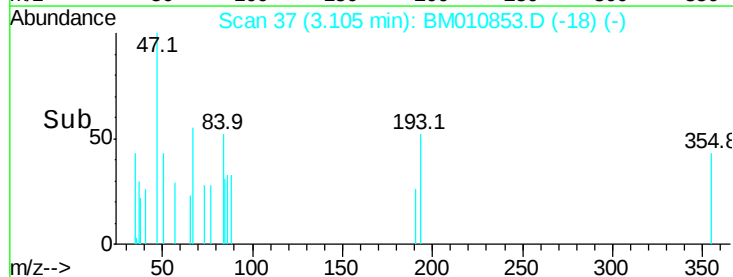
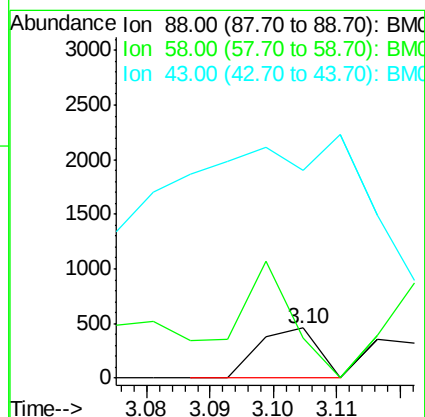
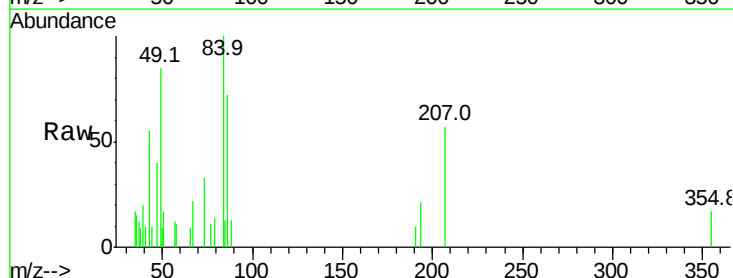
Tot Ion:152 Resp: 248480
Ion Ratio Lower Upper
152 100
150 155.0 119.5 179.3
115 72.5 43.0 64.4#

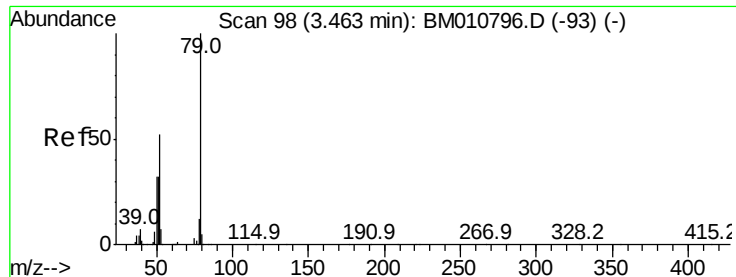


#2

1,4-Dioxane
Concen: 0.045 ng
RT: 3.10 min Scan# 37
Delta R.T. 0.01 min
Lab File: BM010853.D
Acq: 18 Jul 2017 02:21

Tgt Ion: 88 Resp: 295
Ion Ratio Lower Upper
88 100
58 213.6 0.0 0.0#
43 0.0 0.0 0.0





#3

Pvridine

Concen: 0.010 ng

RT: 3.40 min Scan# 88

Delta R.T. -0.06 min

Lab File: BM010853.D

Acq: 18 Jul 2017 02:21

Instrument :

BNA_M

ClientSampled :

3561-PP1

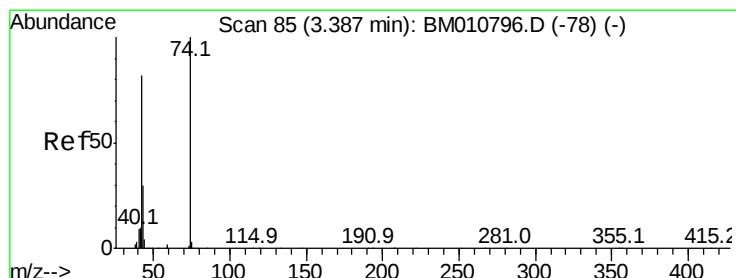
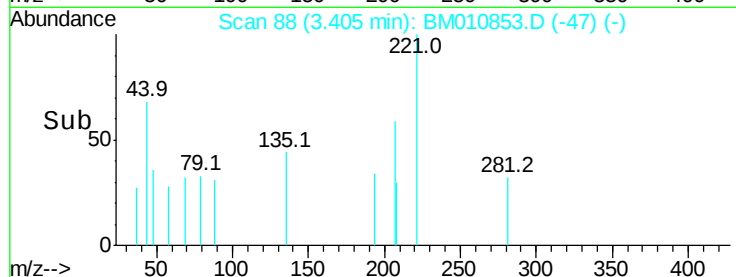
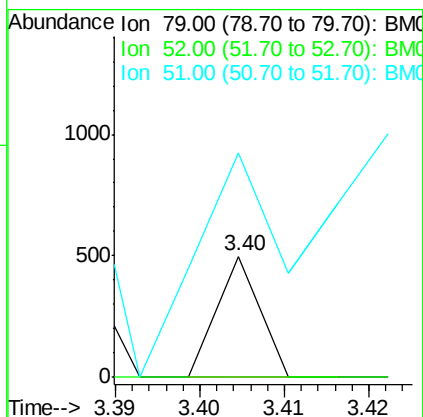
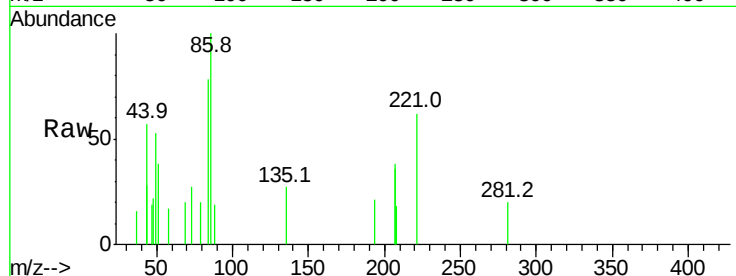
Tot Ion: 79 Resp: 175

Ion Ratio Lower Upper

79 100

52 0.0 51.1 76.7#

51 185.9 26.1 39.1#



#4

n-Nitrosodimethylamine

Concen: 0.012 ng

RT: 3.38 min Scan# 83

Delta R.T. -0.01 min

Lab File: BM010853.D

Acq: 18 Jul 2017 02:21

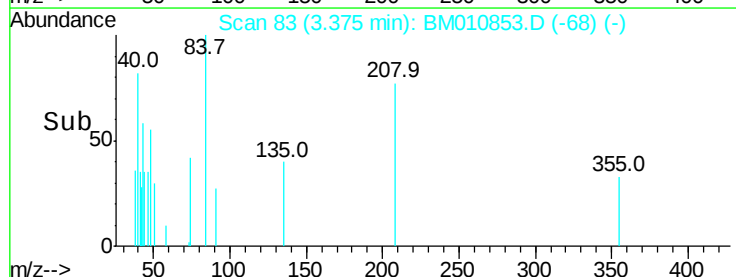
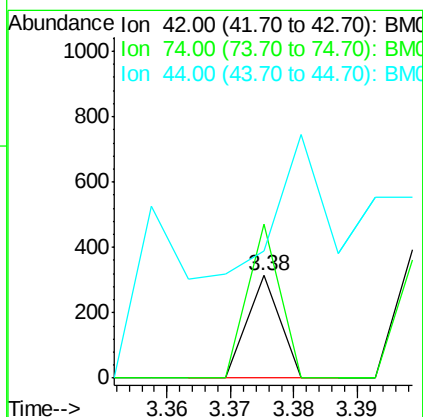
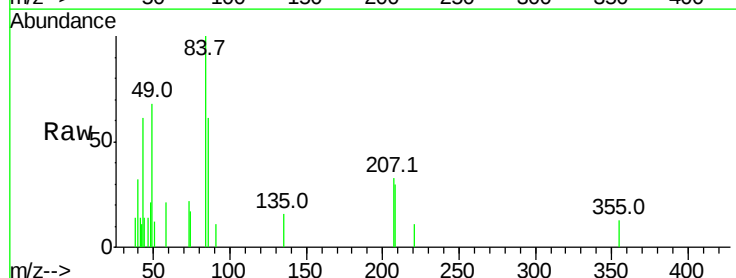
Tgt Ion: 42 Resp: 111

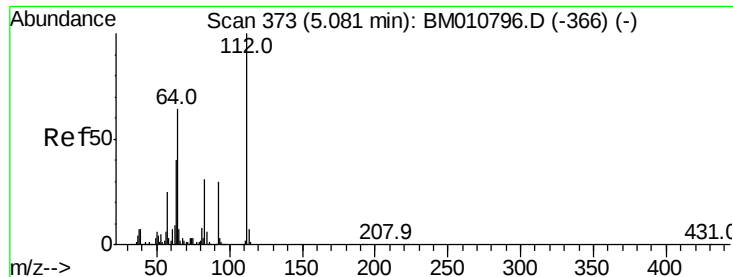
Ion Ratio Lower Upper

42 100

74 149.7 119.3 178.9

44 123.6 5.4 8.2#





#5

2-Fluorophenol

Concen: 59.995 ng

RT: 5.08 min Scan# 373

Delta R.T. 0.00 min

Lab File: BM010853.D

Acq: 18 Jul 2017 02:21

Instrument :

BNA_M

ClientSampleId :

3561-PP1

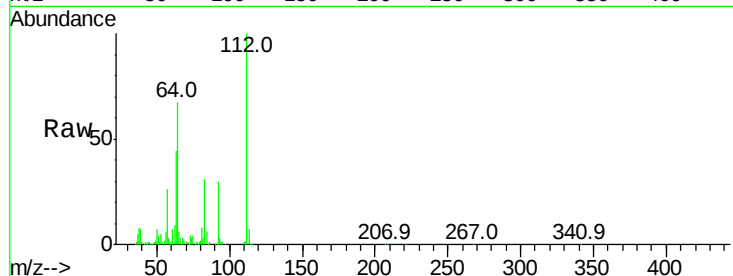
Tot Ion:112 Resp: 899944

Ion Ratio Lower Upper

112 100

64 66.9 38.6 57.8#

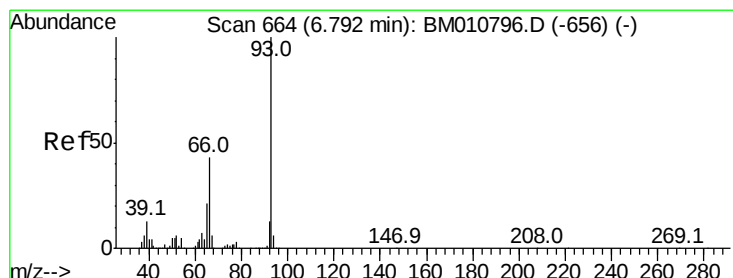
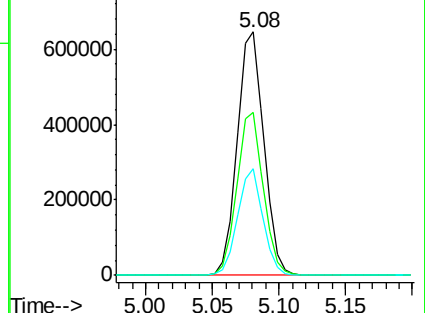
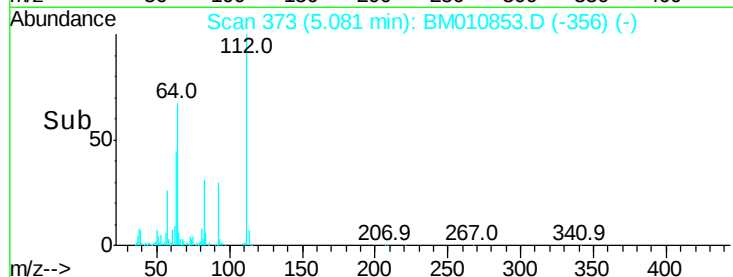
63 43.6 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 0.092 ng

RT: 6.80 min Scan# 665

Delta R.T. 0.01 min

Lab File: BM010853.D

Acq: 18 Jul 2017 02:21

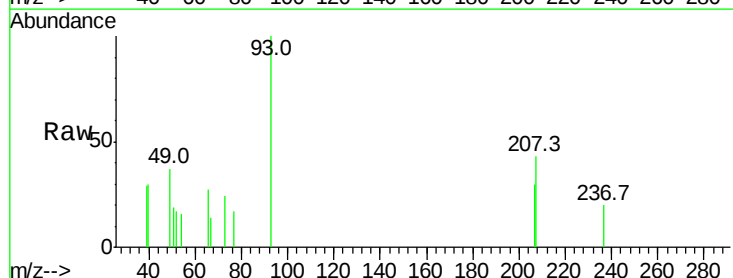
Tgt Ion: 93 Resp: 2396

Ion Ratio Lower Upper

93 100

66 27.3 30.8 46.2#

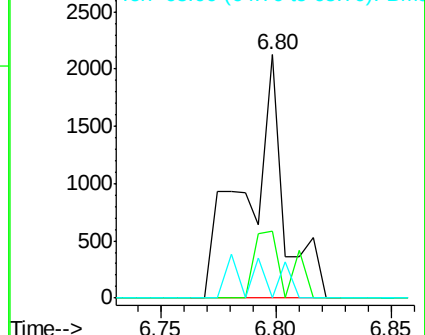
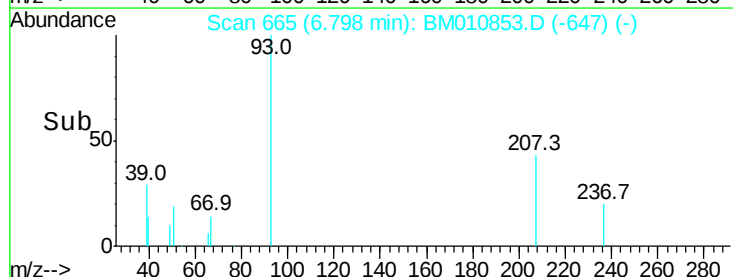
65 0.0 16.0 24.0#

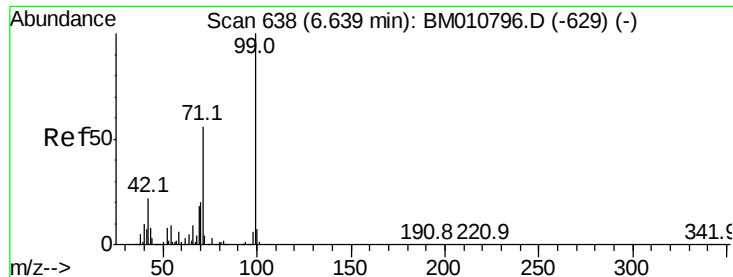


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 36.384 ng

RT: 6.63 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM010853.D

Acq: 18 Jul 2017 02:21

Instrument :

BNA_M

ClientSampleId :

3561-PP1

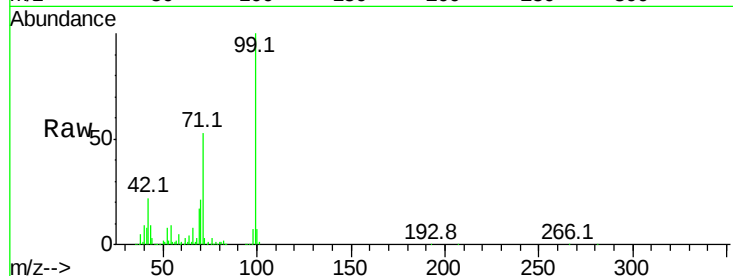
Tot Ion: 99 Resp: 752389

Ion Ratio Lower Upper

99 100

42 22.4 11.0 16.4#

71 53.5 23.4 35.2#

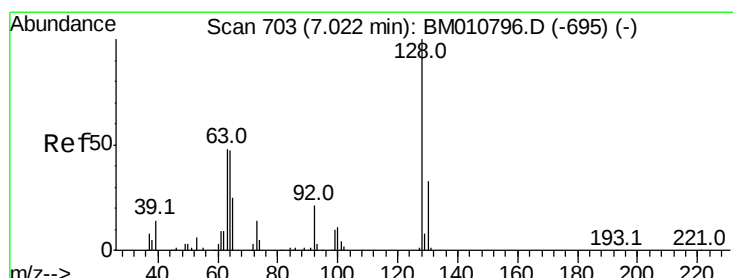
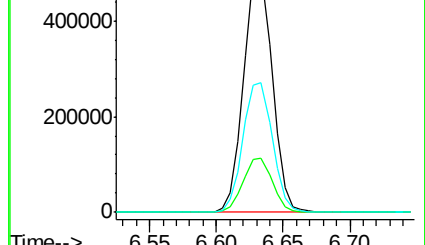
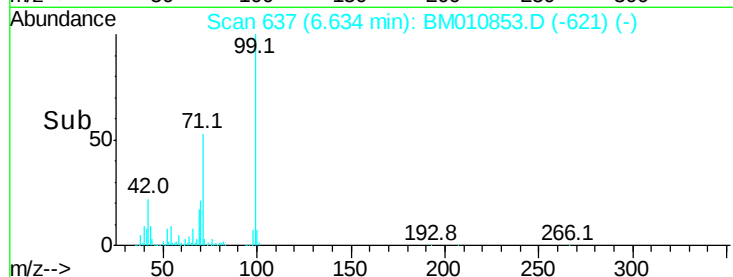


Abundance Ion 99.00 (98.70 to 99.70): BM010796.D (-629) (-)

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

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

6.63



#8

2-Chlorophenol

Concen: 0.020 ng

RT: 7.02 min Scan# 702

Delta R.T. -0.01 min

Lab File: BM010853.D

Acq: 18 Jul 2017 02:21

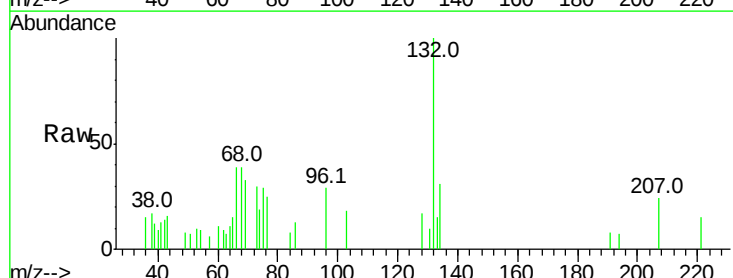
Tgt Ion: 128 Resp: 300

Ion Ratio Lower Upper

128 100

130 0.0 12.0 52.0#

64 64.2 24.9 64.9

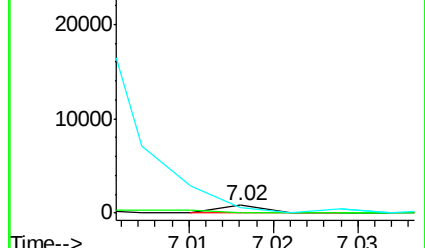
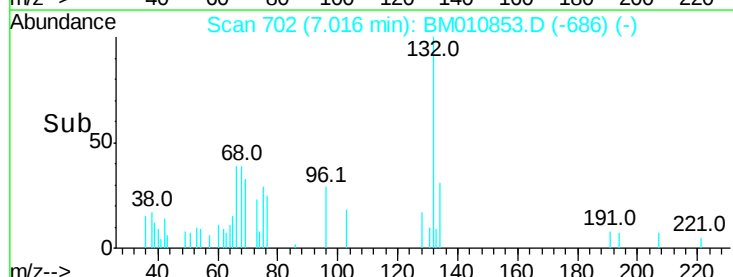


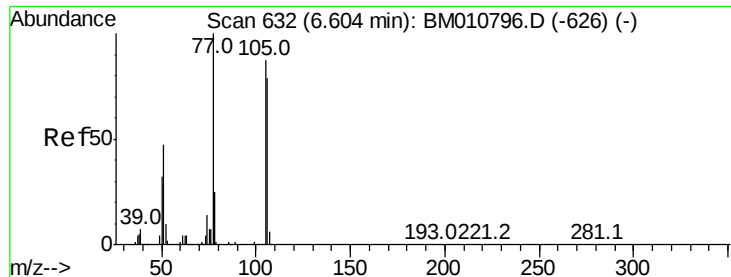
Abundance Ion 128.00 (127.70 to 128.70): BM010796.D (-695) (-)

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

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

7.02





#9

Benzaldehyde

Concen: 0.009 ng

RT: 6.59 min Scan# 629

Delta R.T. -0.02 min

Lab File: BM010853.D

Acq: 18 Jul 2017 02:21

Instrument :

BNA_M

ClientSampled :

3561-PP1

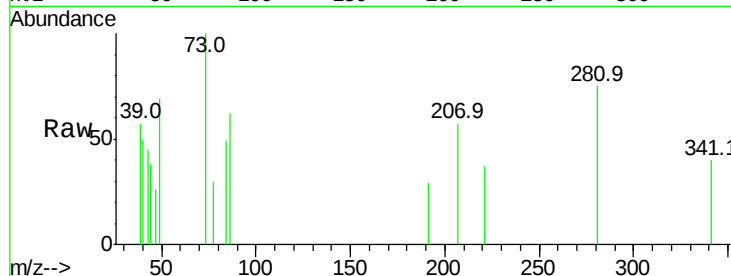
Tot Ion: 77 Resp: 124

Ion Ratio Lower Upper

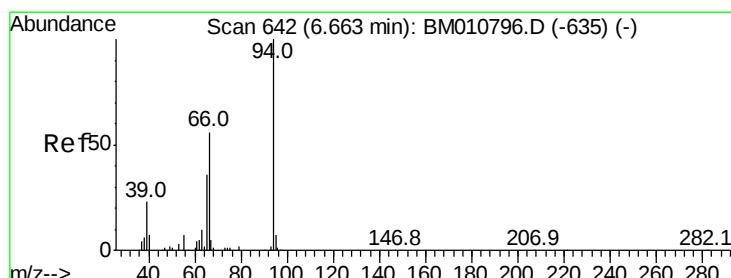
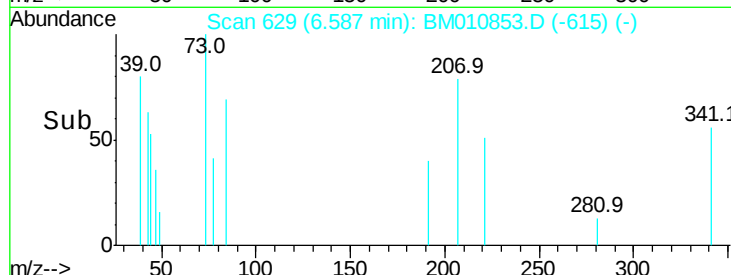
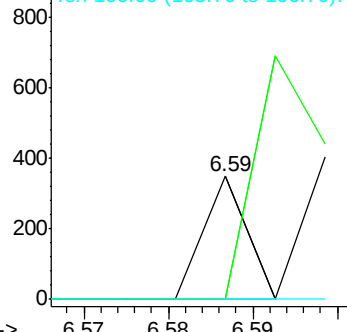
77 100

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) (-)



#10

Phenol

Concen: 0.099 ng

RT: 6.66 min Scan# 641

Delta R.T. -0.01 min

Lab File: BM010853.D

Acq: 18 Jul 2017 02:21

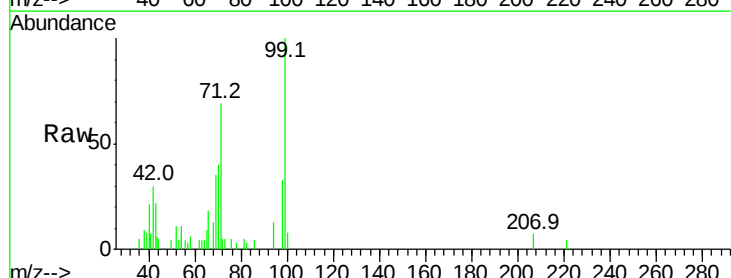
Tgt Ion: 94 Resp: 2166

Ion Ratio Lower Upper

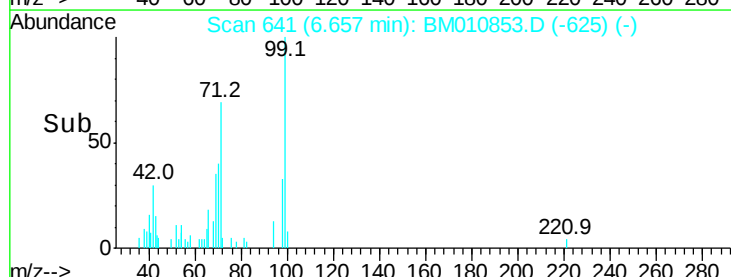
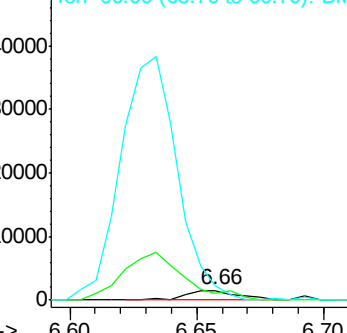
94 100

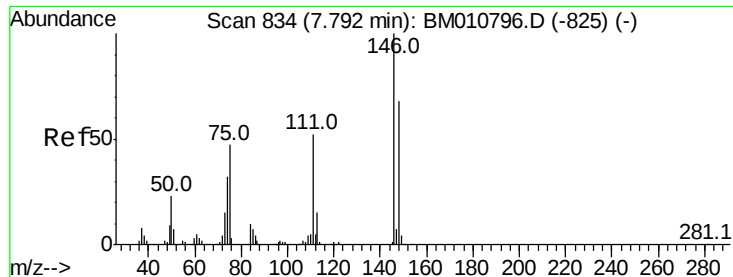
65 67.5 18.8 58.8#

66 146.5 39.9 79.9#



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





#14

1,2-Dichlorobenzene

Concen: 0.012 ng

RT: 7.79 min Scan# 833

Delta R.T. -0.01 min

Lab File: BM010853.D

Acq: 18 Jul 2017 02:21

Instrument :

BNA_M

ClientSampleId :

3561-PP1

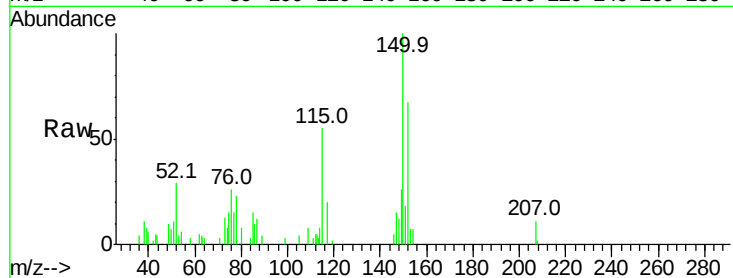
Tot Ion:146 Resp: 213

Ion Ratio Lower Upper

146 100

148 247.4 52.3 78.5#

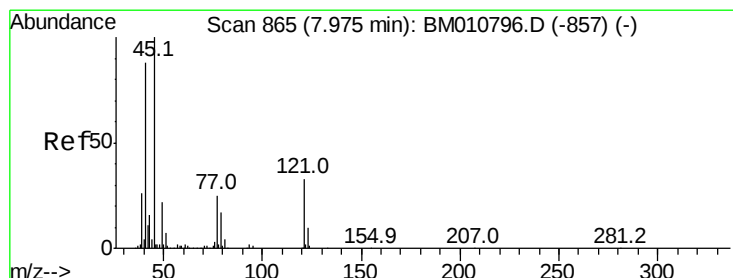
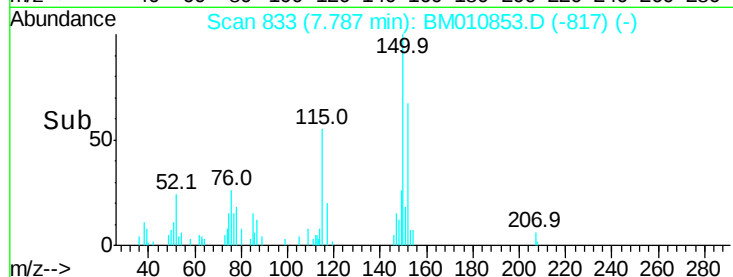
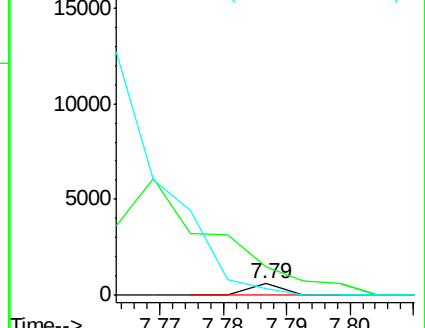
111 63.8 30.6 45.8#



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: 0.008 ng

RT: 7.95 min Scan# 860

Delta R.T. -0.03 min

Lab File: BM010853.D

Acq: 18 Jul 2017 02:21

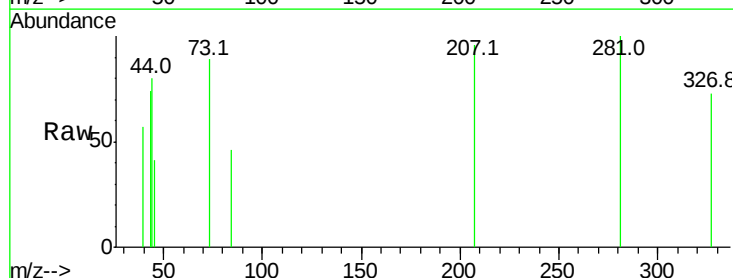
Tgt Ion: 45 Resp: 112

Ion Ratio Lower Upper

45 100

77 0.0 0.0 35.2

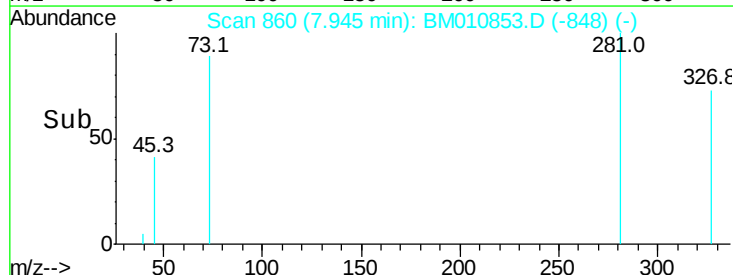
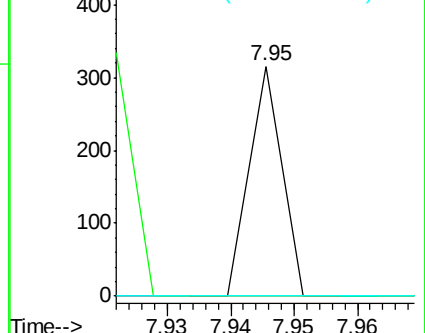
79 0.0 0.0 32.0

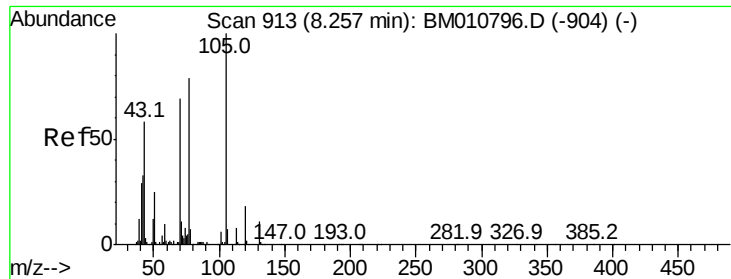


Abundance Ion 45.00 (44.70 to 45.70): BM0

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0

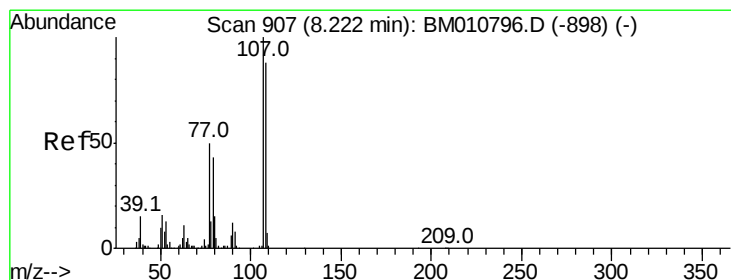
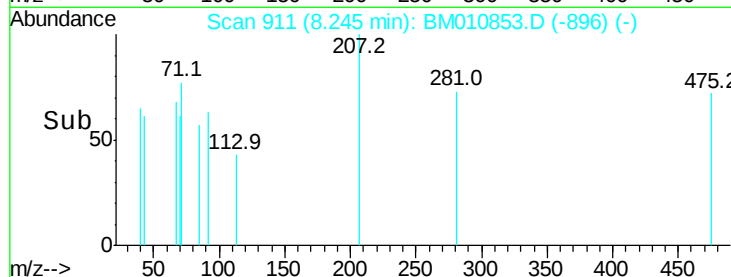
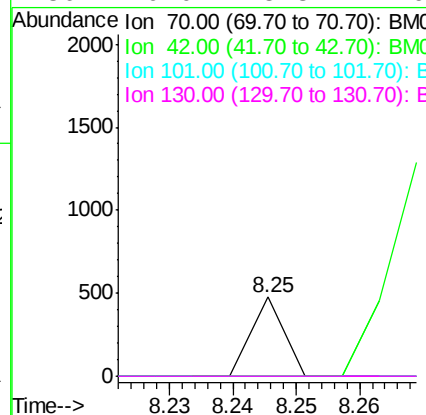
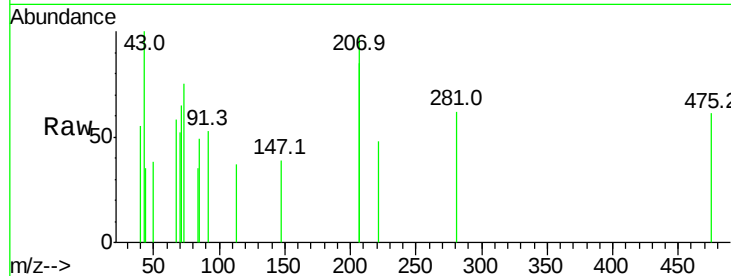




#19
n-Nitroso-di-n-propylamine
Concen: 0.010 ng
RT: 8.25 min Scan# 911
Delta R.T. -0.01 min
Lab File: BM010853.D
Acq: 18 Jul 2017 02:21

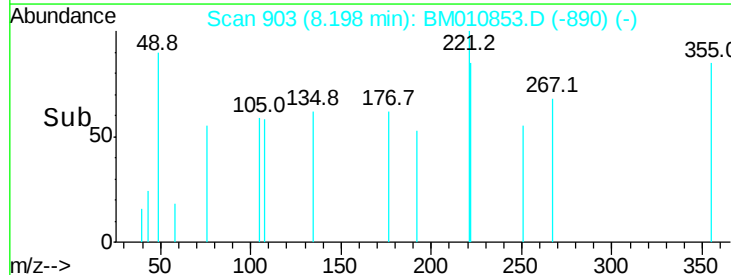
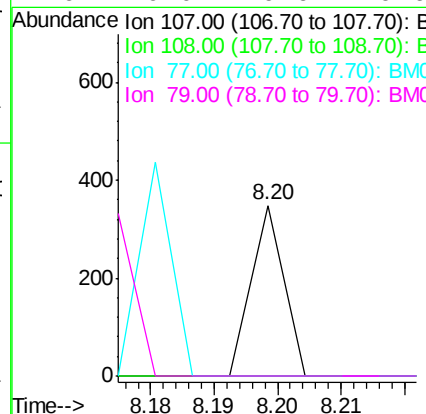
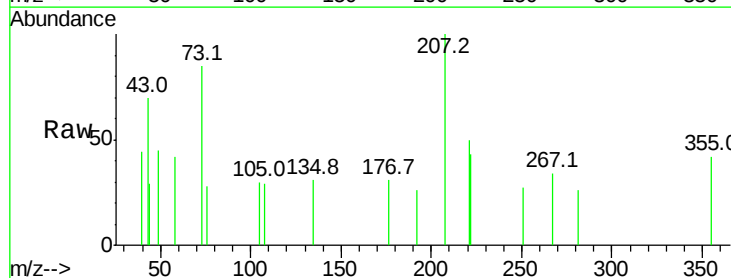
Instrument :
BNA_M
ClientSampleId :
3561-PP1

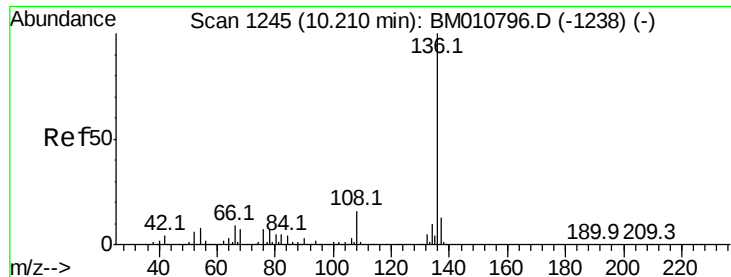
Tot Ion: 70 Resp: 168
Ion Ratio Lower Upper
70 100
42 0.0 44.5 66.7#
101 0.0 7.4 11.2#
130 0.0 15.3 22.9#



#20
3+4-Methylphenols
Concen: 0.006 ng
RT: 8.20 min Scan# 903
Delta R.T. -0.02 min
Lab File: BM010853.D
Acq: 18 Jul 2017 02:21

Tgt Ion: 107 Resp: 123
Ion Ratio Lower Upper
107 100
108 0.0 73.2 113.2#
77 0.0 10.7 50.7#
79 0.0 9.6 49.6#

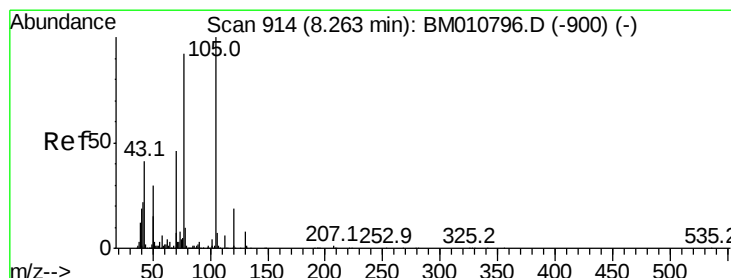
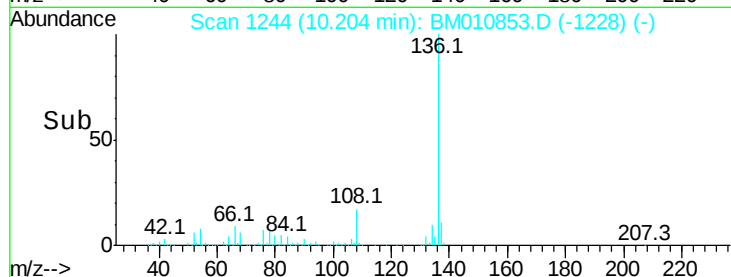
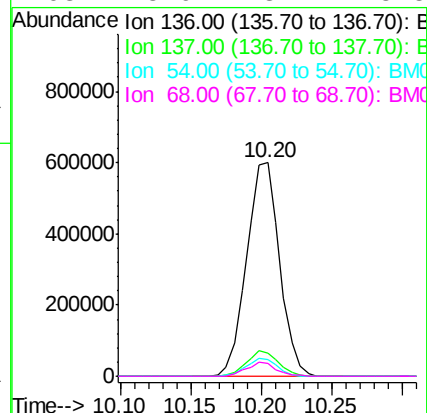
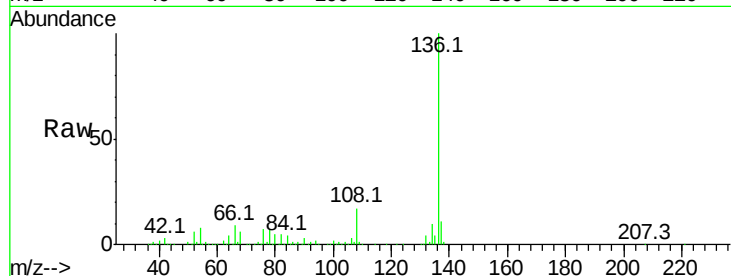




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.20 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BM010853.D
Acq: 18 Jul 2017 02:21

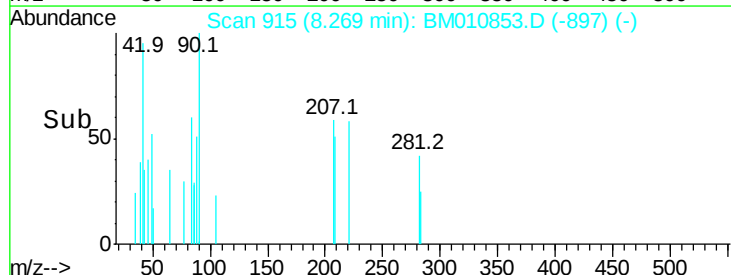
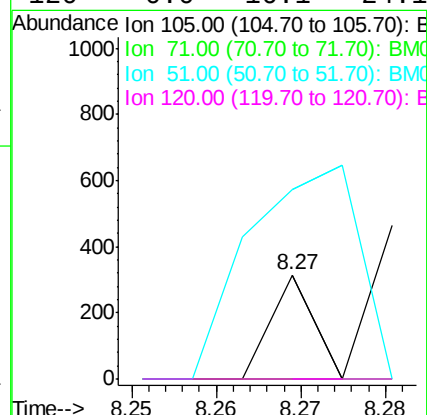
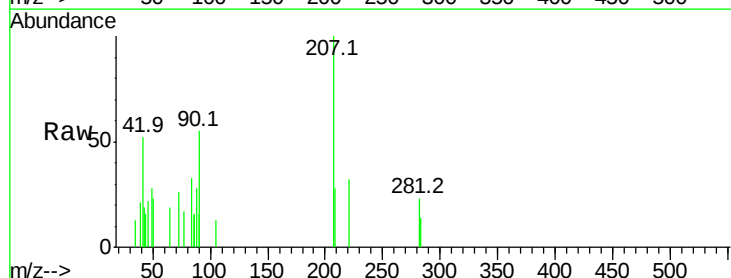
Instrument :
BNA_M
ClientSampleId :
3561-PP1

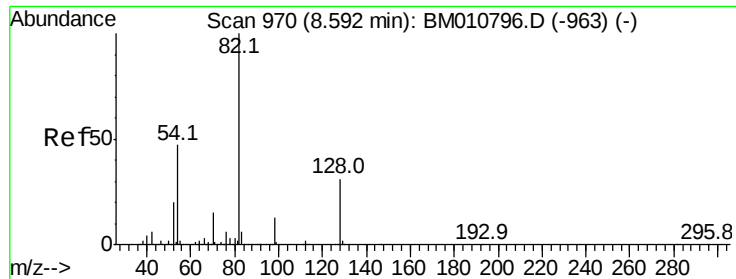
Tot Ion:	136	Resp:	982184
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	7.8	4.6	6.8#
68	5.9	3.7	5.5#



#22
Acetophenone
Concen: 0.004 ng
RT: 8.27 min Scan# 915
Delta R.T. 0.01 min
Lab File: BM010853.D
Acq: 18 Jul 2017 02:21

Tgt Ion:	105	Resp:	111
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.6	1.0#
51	182.5	21.6	32.4#
120	0.0	16.1	24.1#

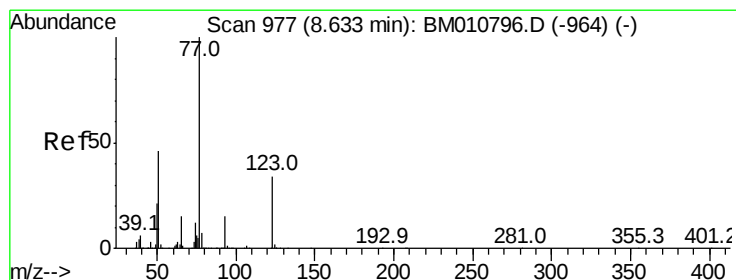
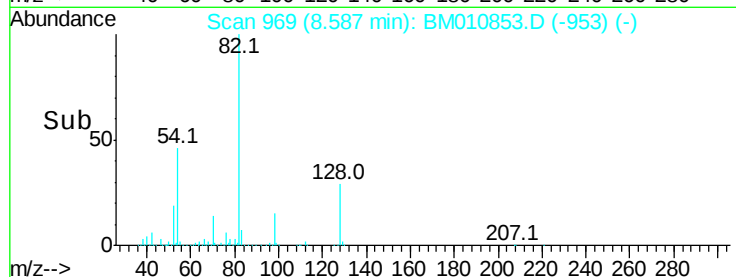
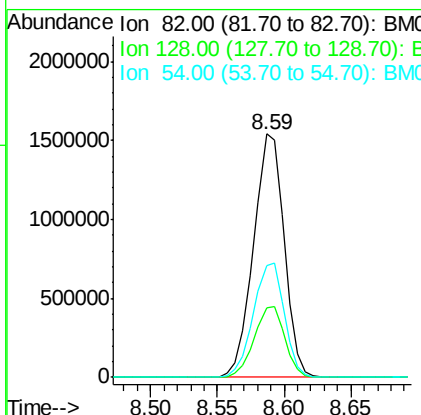
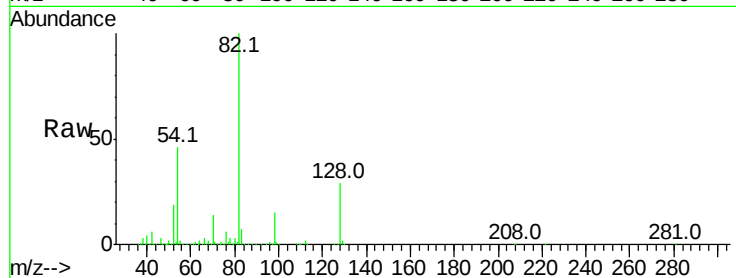




#23
Nitrobenzene-d5
Concen: 95.455 ng
RT: 8.59 min Scan# 969
Delta R.T. -0.01 min
Lab File: BM010853.D
Acq: 18 Jul 2017 02:21

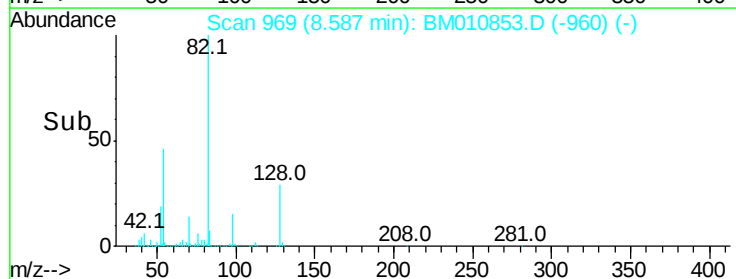
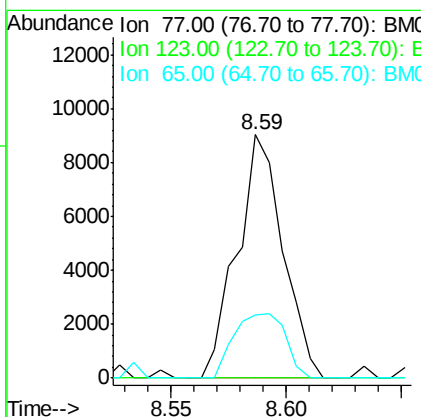
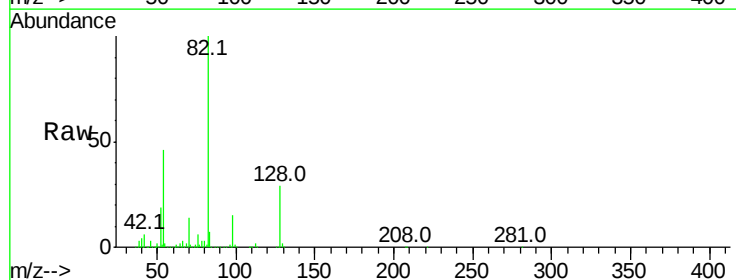
Instrument :
BNA_M
ClientSampleId :
3561-PP1

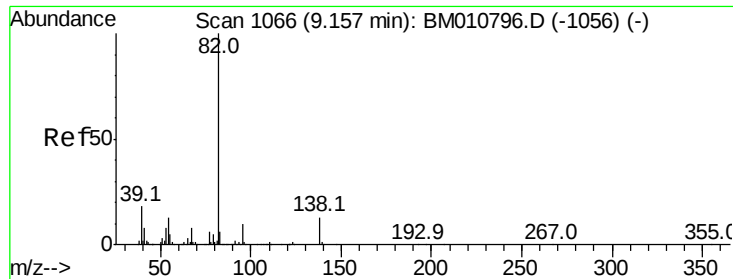
Tot Ion: 82 Resp: 2439134
Ion Ratio Lower Upper
82 100
128 28.5 32.8 49.2#
54 46.0 40.6 60.8



#24
Nitrobenzene
Concen: 0.478 ng
RT: 8.59 min Scan# 969
Delta R.T. -0.05 min
Lab File: BM010853.D
Acq: 18 Jul 2017 02:21

Tgt Ion: 77 Resp: 12507
Ion Ratio Lower Upper
77 100
123 0.0 32.6 49.0#
65 25.7 10.9 16.3#





#25

Isophorone

Concen: 0.007 ng

RT: 9.10 min Scan# 1057

Delta R.T. -0.05 min

Lab File: BM010853.D

Acq: 18 Jul 2017 02:21

Instrument :

BNA_M

ClientSampleId :

3561-PP1

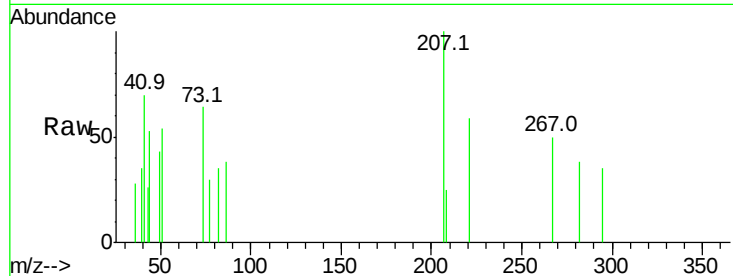
Tot Ion: 82 Resp: 309

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 16.3 24.5#



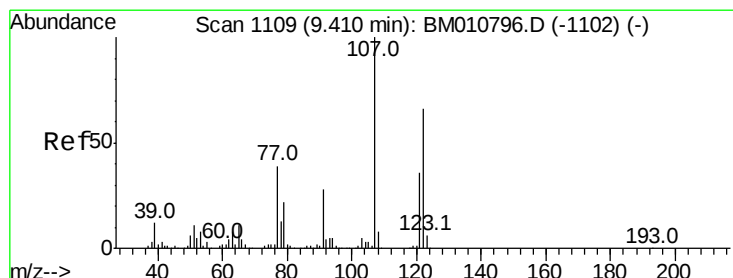
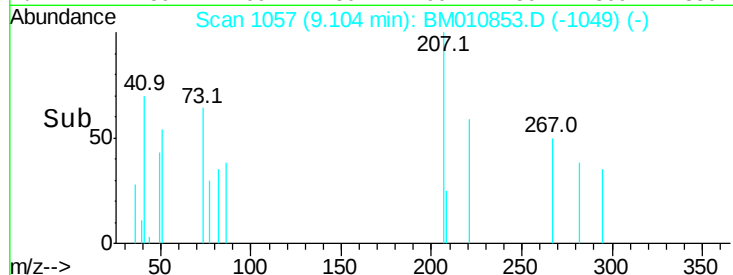
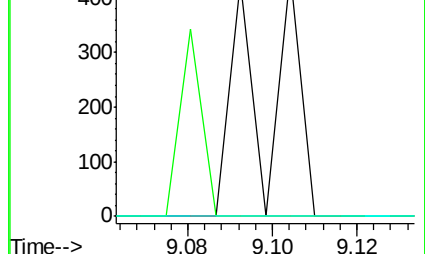
Abundance Ion 82.00 (81.70 to 82.70): BM010796.D (-1056) (-)

Ion 95.00 (94.70 to 95.70): BM010853.D (-1049) (-)

Ion 138.00 (137.70 to 138.70): BM010853.D (-1049) (-)

9.10

9.08 9.10 9.12



#27

2,4-Dimethylphenol

Concen: 0.007 ng

RT: 9.43 min Scan# 1112

Delta R.T. 0.02 min

Lab File: BM010853.D

Acq: 18 Jul 2017 02:21

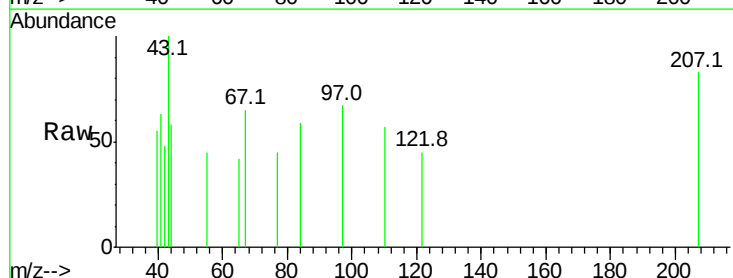
Tgt Ion: 122 Resp: 113

Ion Ratio Lower Upper

122 100

107 0.0 84.7 127.1#

121 0.0 46.6 69.8#



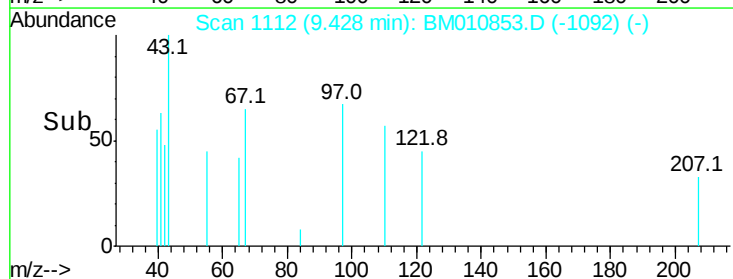
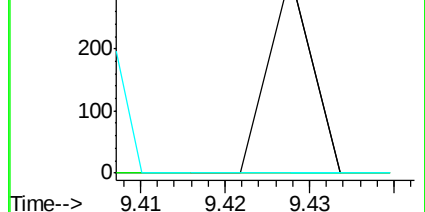
Abundance Ion 122.00 (121.70 to 122.70): BM010796.D (-1102) (-)

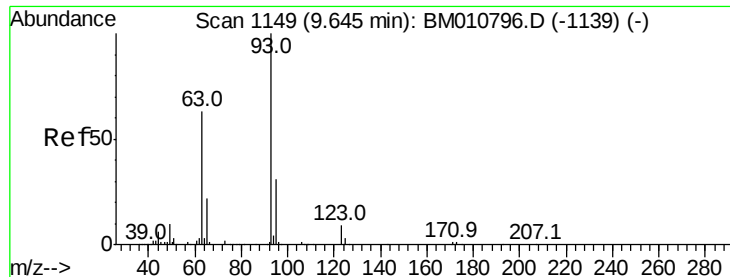
Ion 107.00 (106.70 to 107.70): BM010853.D (-1092) (-)

Ion 121.00 (120.70 to 121.70): BM010853.D (-1092) (-)

9.43

9.41 9.42 9.43





#28

bis(2-Chloroethoxy)methane

Concen: 0.016 ng

RT: 9.65 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BM010853.D

Acq: 18 Jul 2017 02:21

Instrument :

BNA_M

ClientSampleId :

3561-PP1

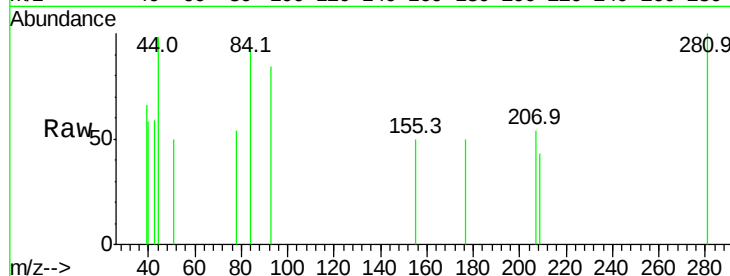
Tot Ion: 93 Resp: 387

Ion Ratio Lower Upper

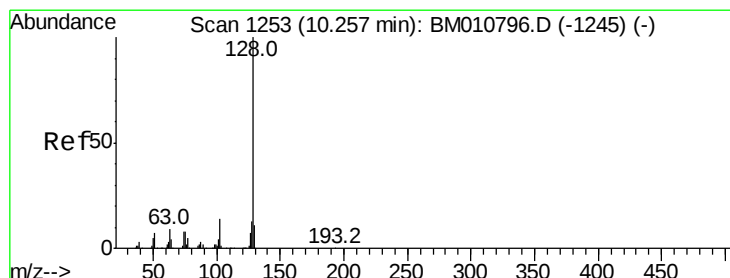
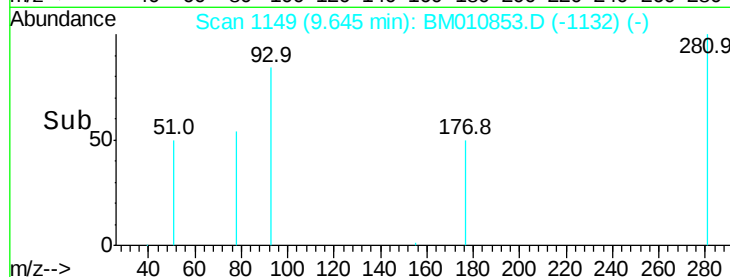
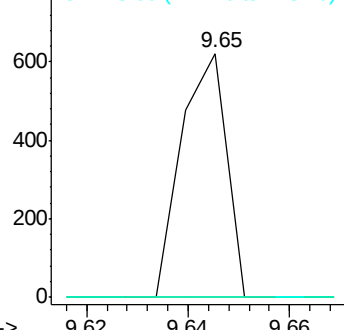
93 100

95 0.0 25.5 38.3#

123 0.0 8.6 13.0#



Abundance Ion 93.00 (92.70 to 93.70): BM010796.D (-1139) (-)



#31

Naphthalene

Concen: 0.005 ng

RT: 10.26 min Scan# 1253

Delta R.T. 0.00 min

Lab File: BM010853.D

Acq: 18 Jul 2017 02:21

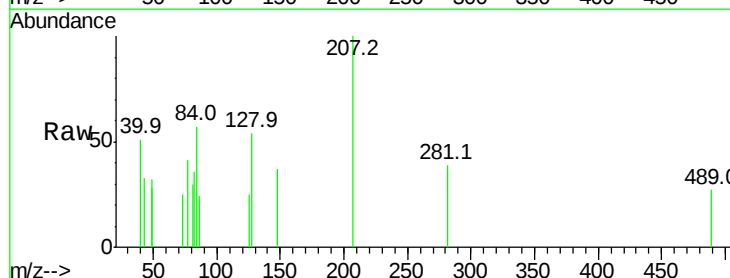
Tgt Ion: 128 Resp: 241

Ion Ratio Lower Upper

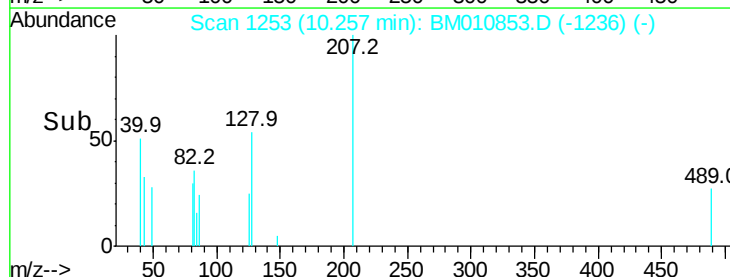
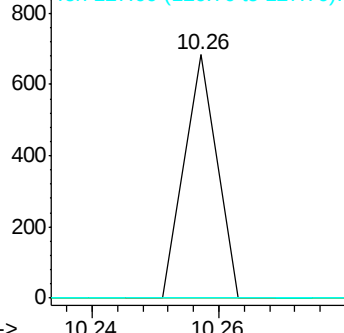
128 100

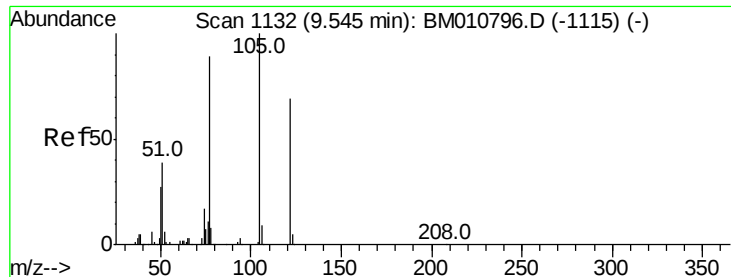
129 0.0 8.9 13.3#

127 0.0 10.4 15.6#



Abundance Ion 128.00 (127.70 to 128.70): BM010796.D (-1245) (-)

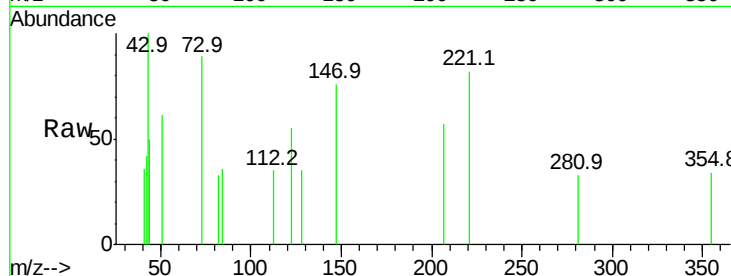




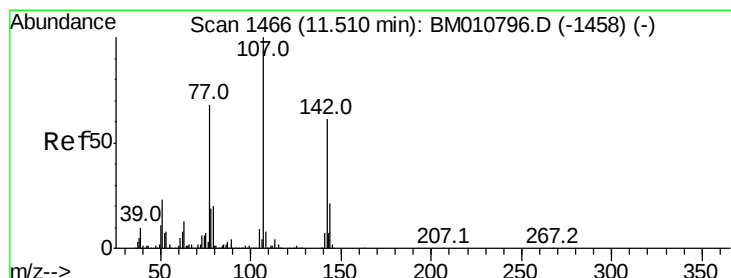
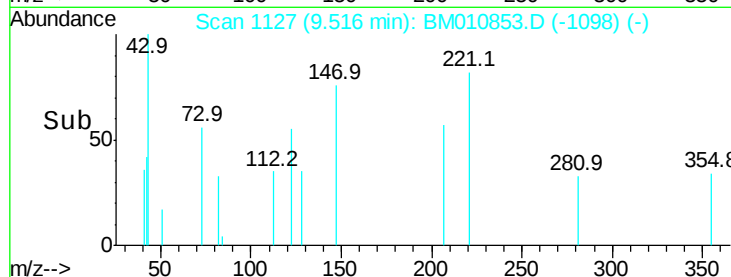
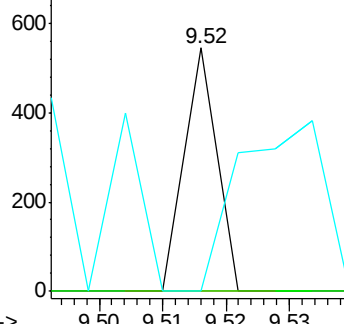
#32
Benzoic acid
Concen: 0.016 ng
RT: 9.52 min Scan# 1127
Delta R.T. -0.03 min
Lab File: BM010853.D
Acq: 18 Jul 2017 02:21

Instrument :
BNA_M
ClientSampled :
3561-PP1

Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	99.9	139.9#
77	0.0	73.7	113.7#

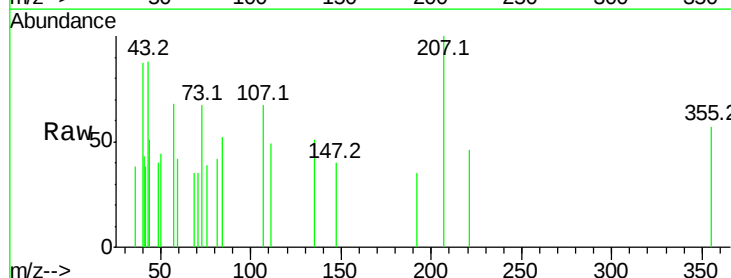


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM

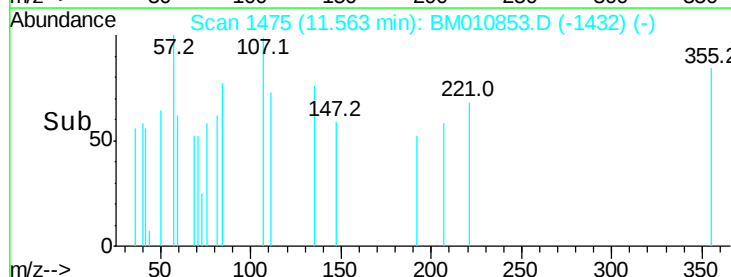
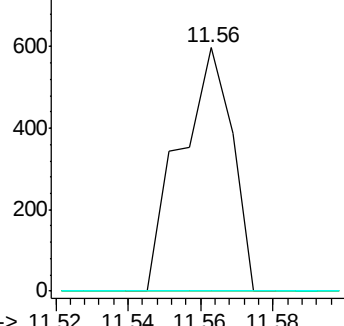


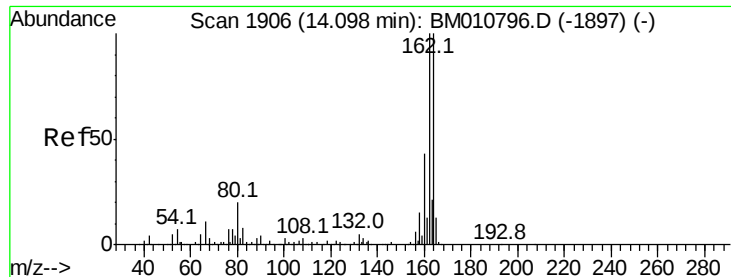
#36
4-Chloro-3-methylphenol
Concen: 0.028 ng
RT: 11.56 min Scan# 1475
Delta R.T. 0.05 min
Lab File: BM010853.D
Acq: 18 Jul 2017 02:21

Tgt 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: BM010853.D

Acq: 18 Jul 2017 02:21

Instrument :

BNA_M

ClientSampleId :

3561-PP1

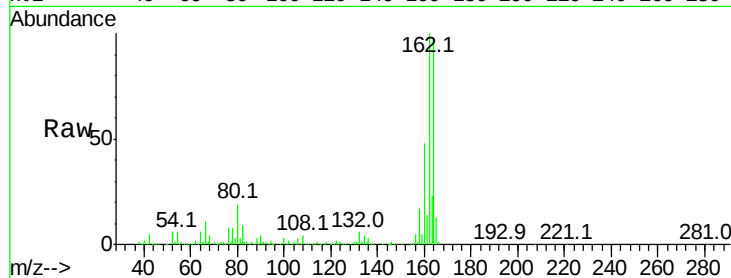
Tot Ion:164 Resp: 595525

Ion Ratio Lower Upper

164 100

162 103.4 82.4 123.6

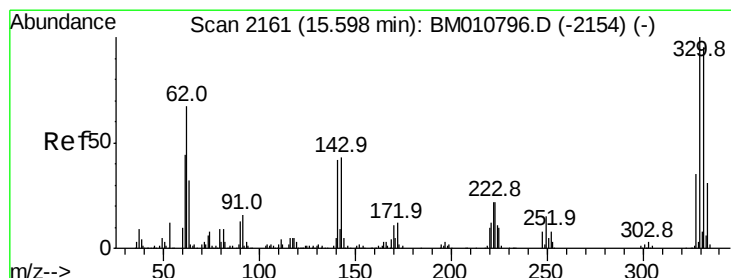
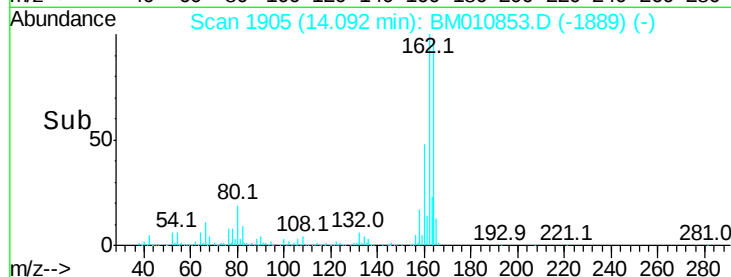
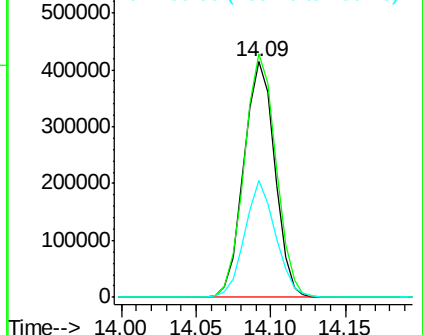
160 49.8 35.8 53.6



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: 139.780 ng

RT: 15.59 min Scan# 2160

Delta R.T. -0.01 min

Lab File: BM010853.D

Acq: 18 Jul 2017 02:21

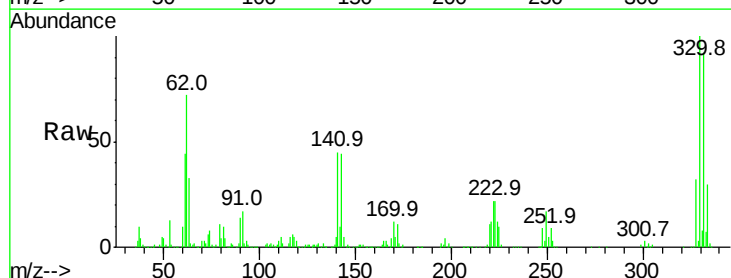
Tgt Ion:330 Resp: 1272104

Ion Ratio Lower Upper

330 100

332 96.1 0.0 0.0#

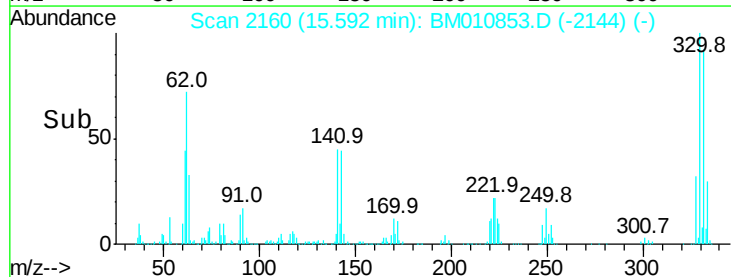
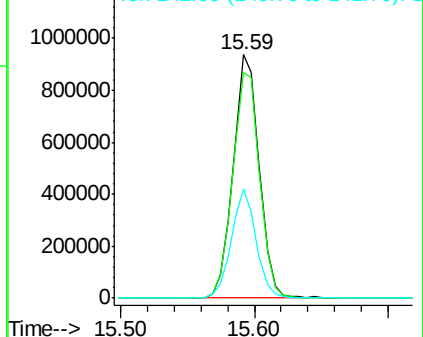
141 42.9 0.0 0.0#

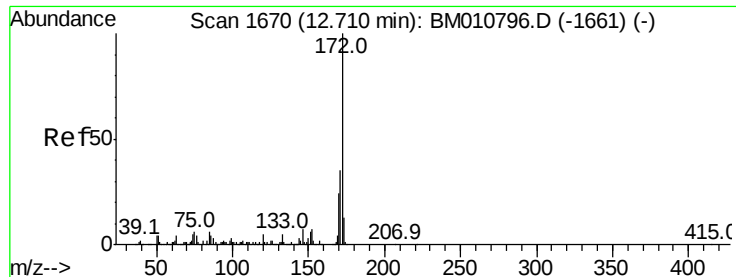


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 103.058 ng

RT: 12.70 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BM010853.D

Acq: 18 Jul 2017 02:21

Instrument :

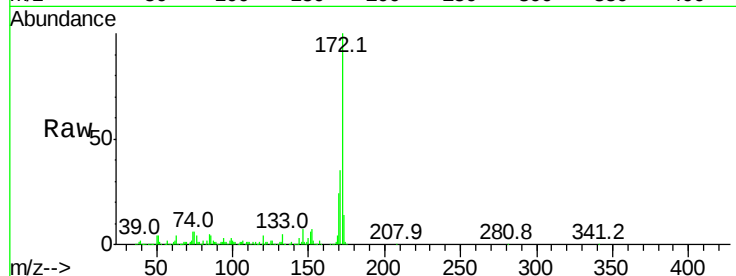
BNA_M

ClientSampleId :

3561-PP1

Tot Ion:172 Resp: 4933460

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.5	42.7
170	23.6	18.8	28.2

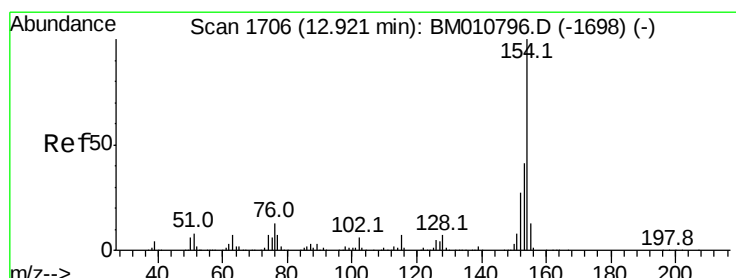
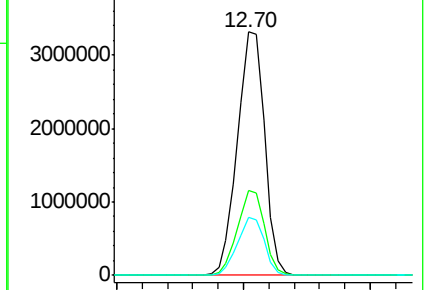
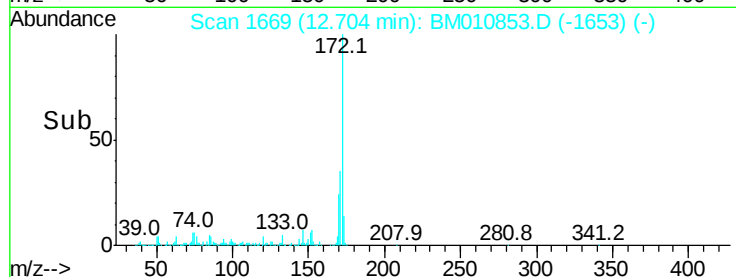


Abundance

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: 0.112 ng

RT: 12.92 min Scan# 1705

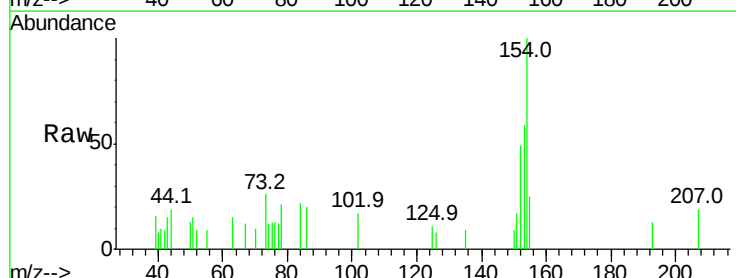
Delta R.T. -0.01 min

Lab File: BM010853.D

Acq: 18 Jul 2017 02:21

Tgt Ion:154 Resp: 5797

Ion	Ratio	Lower	Upper
154	100		
153	58.5	20.7	60.7
76	13.2	0.0	30.9

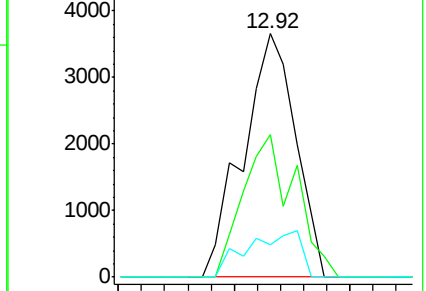
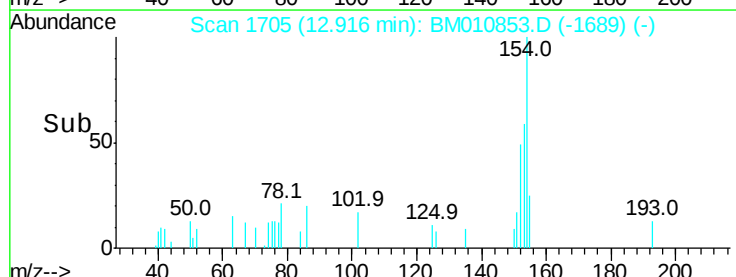


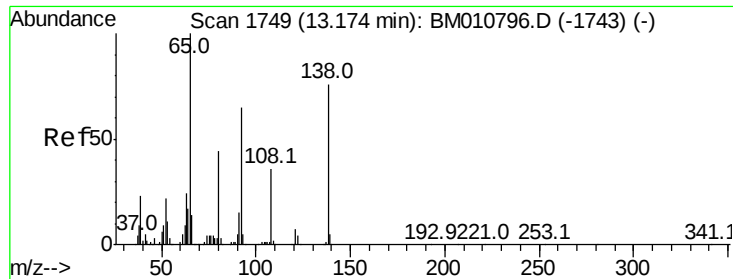
Abundance

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

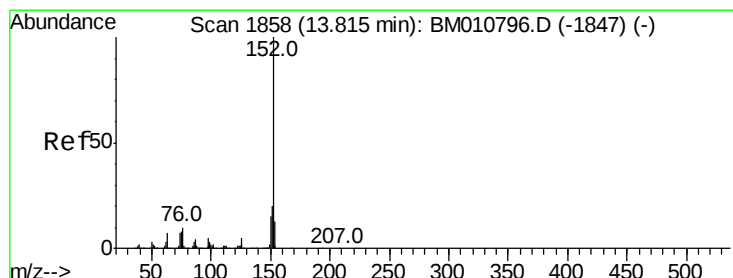
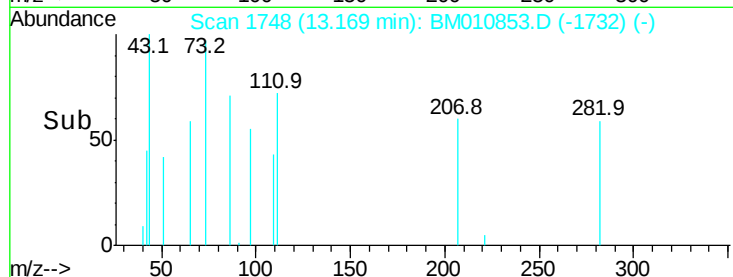
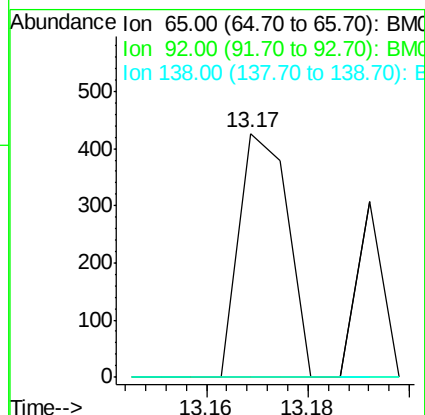
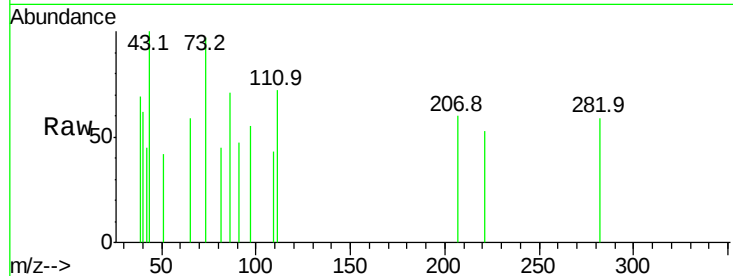




#47
 2-Nitroaniline
 Concen: 0.023 ng
 RT: 13.17 min Scan# 1748
 Delta R.T. -0.01 min
 Lab File: BM010853.D
 Acq: 18 Jul 2017 02:21

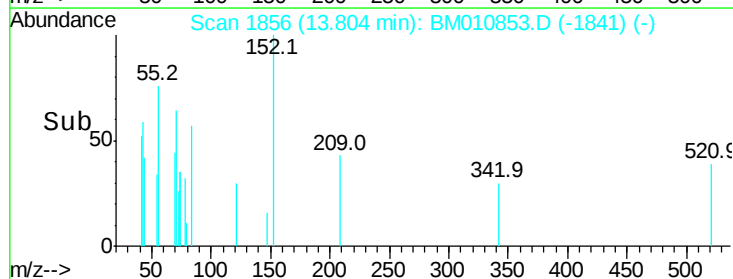
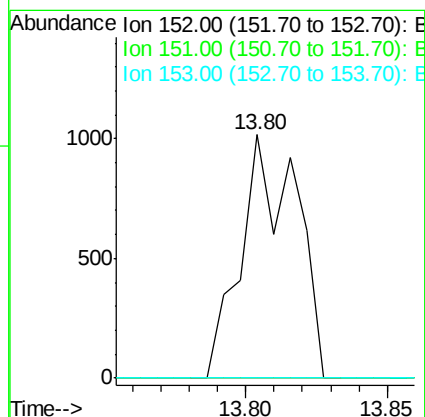
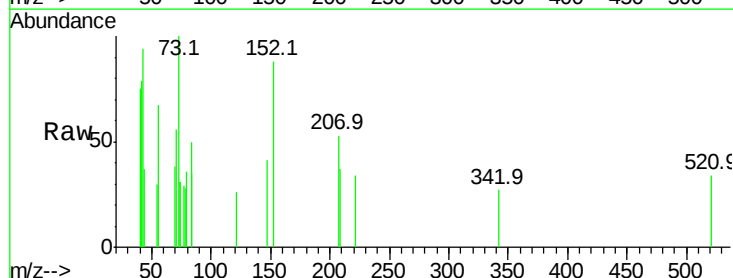
Instrument :
 BNA_M
 ClientSampleId :
 3561-PP1

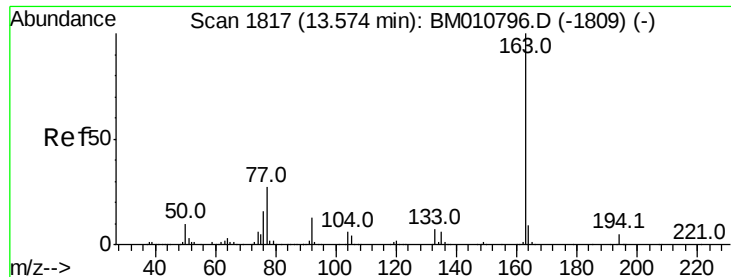
Tot Ion	Ratio	Lower	Upper
65	100		
92	0.0	59.1	88.7#
138	0.0	93.9	140.9#



#48
 Acenaphthylene
 Concen: 0.024 ng
 RT: 13.80 min Scan# 1856
 Delta R.T. -0.01 min
 Lab File: BM010853.D
 Acq: 18 Jul 2017 02:21

Tgt Ion	Ratio	Lower	Upper
152	100		
151	0.0	15.9	23.9#
153	0.0	10.6	16.0#





#49

Dimethylphthalate

Concen: 0.510 ng

RT: 13.56 min Scan# 1814

Delta R.T. -0.02 min

Lab File: BM010853.D

Acq: 18 Jul 2017 02:21

Instrument :

BNA_M

ClientSampleId :

3561-PP1

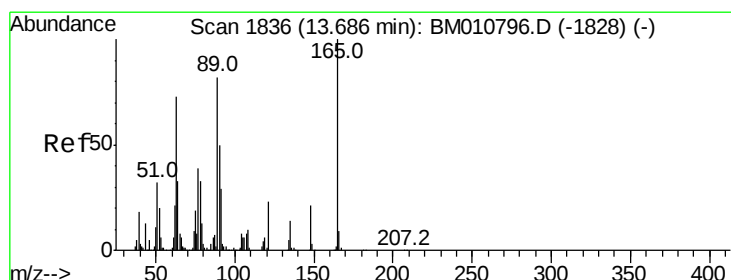
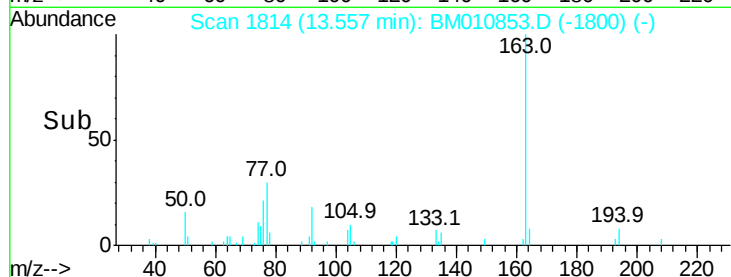
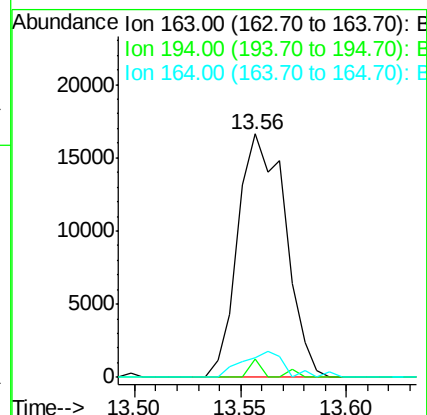
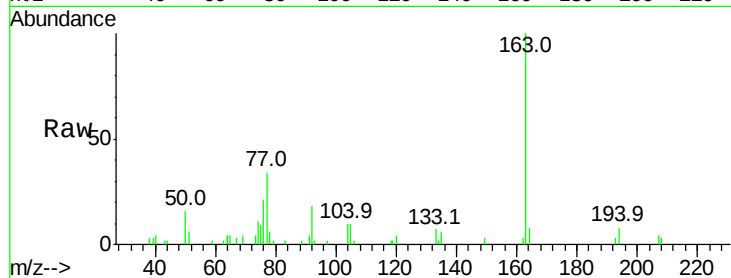
Tot Ion:163 Resp: 25856

Ion Ratio Lower Upper

163 100

194 7.6 2.7 4.1#

164 8.0 8.2 12.2#



#50

2,6-Dinitrotoluene

Concen: 0.026 ng

RT: 13.63 min Scan# 1827

Delta R.T. -0.05 min

Lab File: BM010853.D

Acq: 18 Jul 2017 02:21

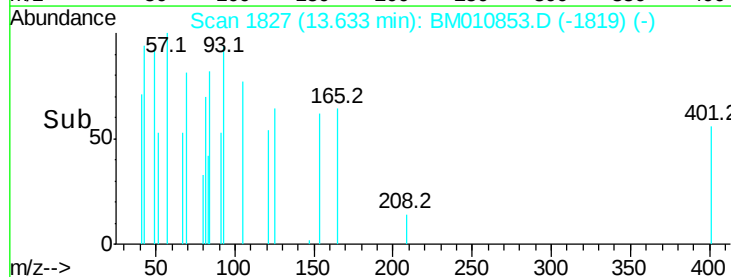
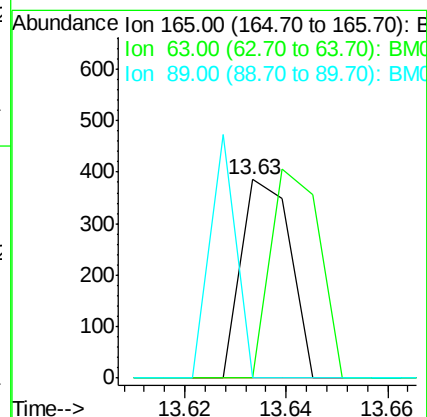
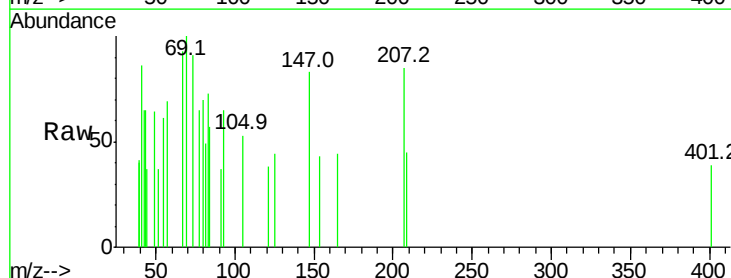
Tgt Ion:165 Resp: 260

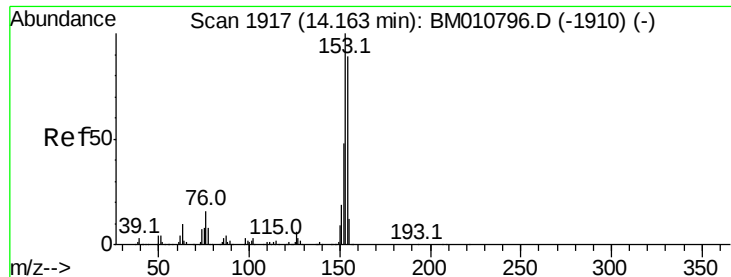
Ion Ratio Lower Upper

165 100

63 0.0 44.1 66.1#

89 0.0 44.3 66.5#





#51

Acenaphthene

Concen: 0.009 ng

RT: 14.16 min Scan# 1917

Delta R.T. 0.00 min

Lab File: BM010853.D

Acq: 18 Jul 2017 02:21

Instrument :

BNA_M

ClientSampleId :

3561-PP1

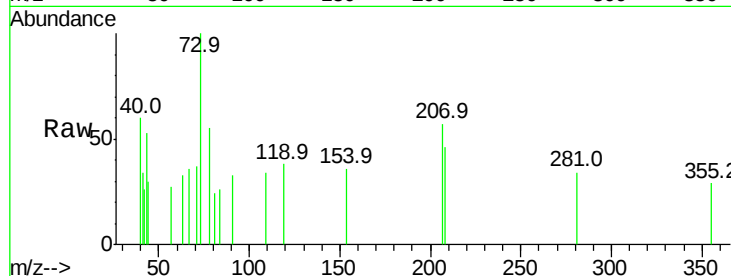
Tot Ion:154 Resp: 300

Ion Ratio Lower Upper

154 100

153 0.0 90.0 135.0#

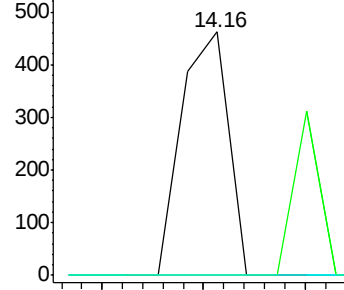
152 0.0 42.6 63.8#



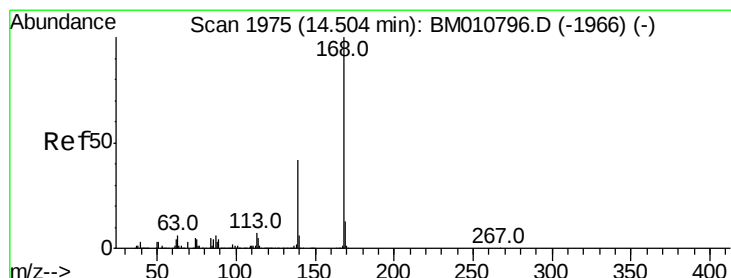
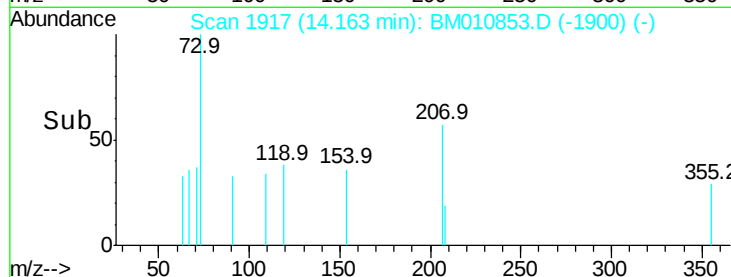
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



Time-->



#54

Dibenzofuran

Concen: 0.005 ng

RT: 14.50 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BM010853.D

Acq: 18 Jul 2017 02:21

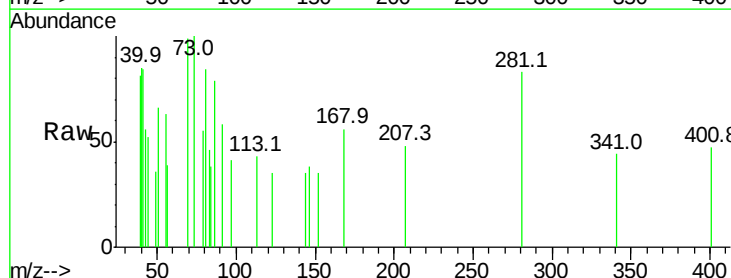
Tgt Ion:168 Resp: 279

Ion Ratio Lower Upper

168 100

139 0.0 27.3 40.9#

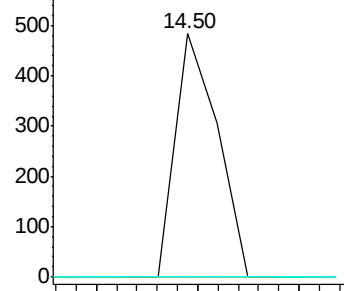
169 0.0 10.6 16.0#



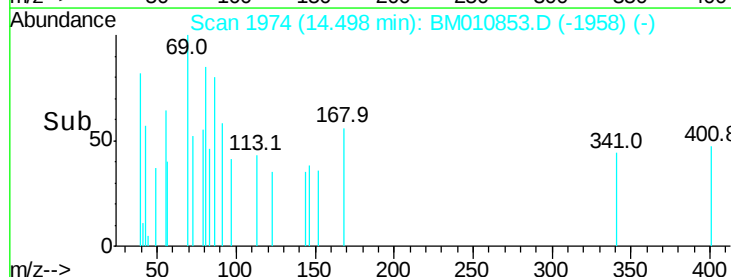
Abundance Ion 168.00 (167.70 to 168.70): E

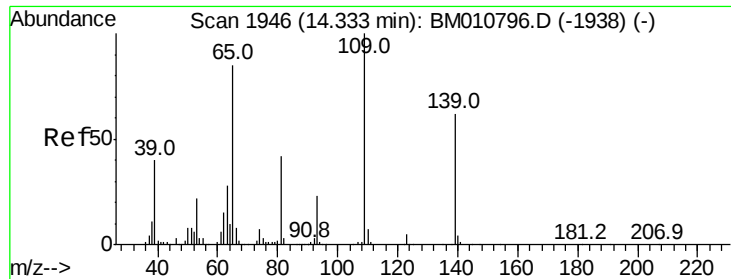
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



Time-->





#55

4-Nitrophenol

Concen: 0.017 ng

RT: 14.32 min Scan# 1943

Delta R.T. -0.02 min

Lab File: BM010853.D

Acq: 18 Jul 2017 02:21

Instrument :

BNA_M

ClientSampled :

3561-PP1

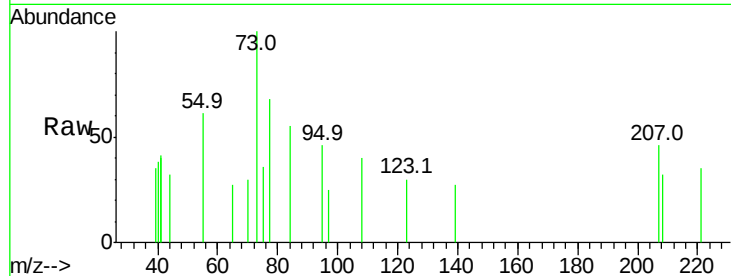
Tot Ion:139 Resp: 135

Ion Ratio Lower Upper

139 100

109 0.0 37.7 77.7#

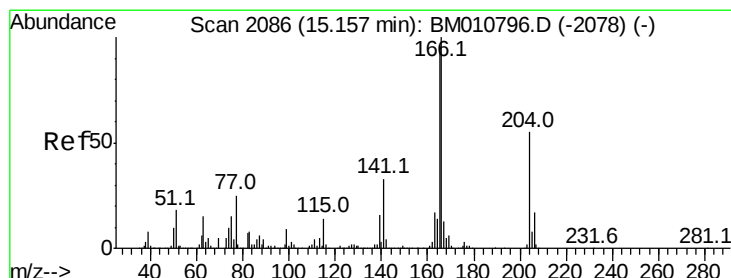
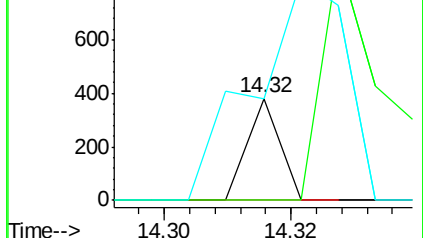
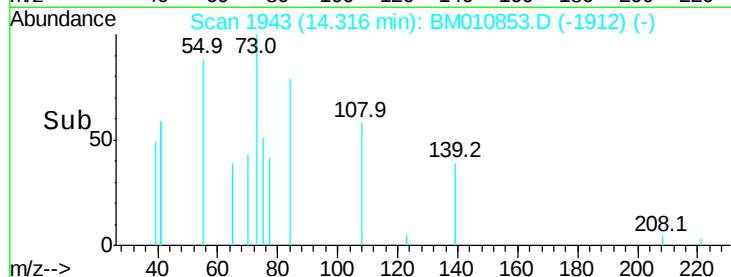
65 100.0 49.9 89.9#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM



#57

Fluorene

Concen: 0.049 ng

RT: 15.14 min Scan# 2083

Delta R.T. -0.02 min

Lab File: BM010853.D

Acq: 18 Jul 2017 02:21

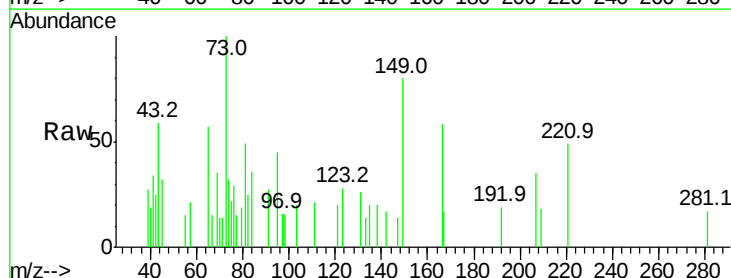
Tgt Ion:166 Resp: 2379

Ion Ratio Lower Upper

166 100

165 0.0 79.0 118.4#

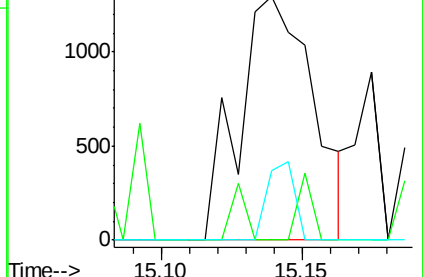
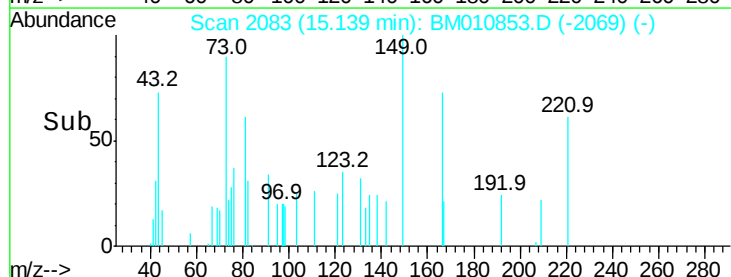
167 28.4 10.3 15.5#

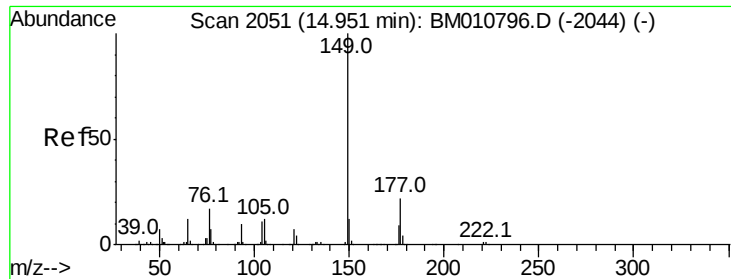


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

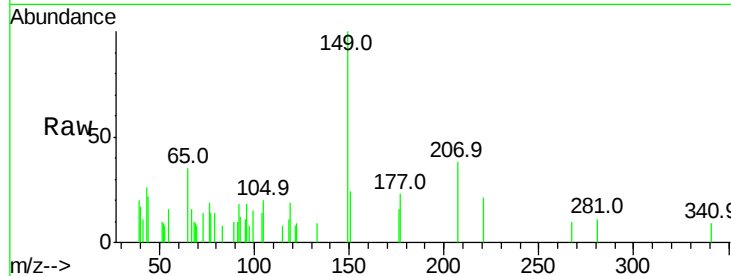




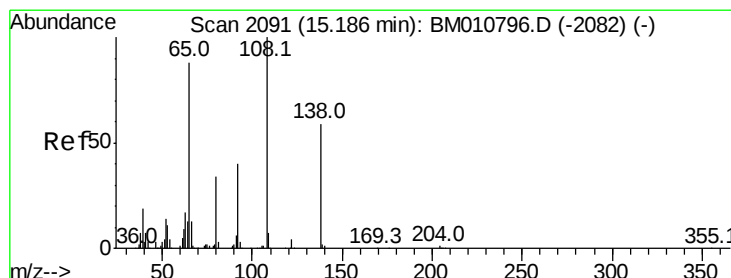
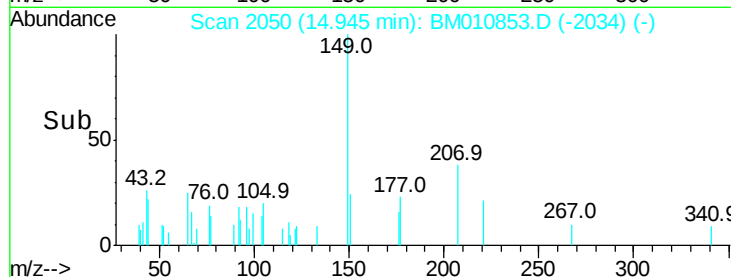
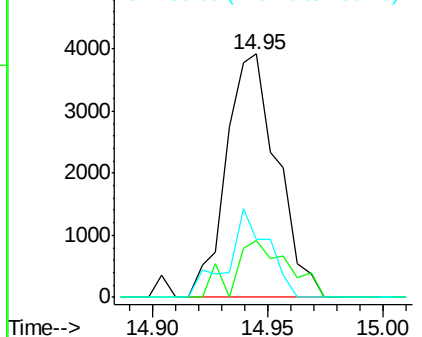
#59
Diethylphthalate
Concen: 0.120 ng
RT: 14.95 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BM010853.D
Acq: 18 Jul 2017 02:21

Instrument :
BNA_M
ClientSampled :
3561-PP1

Tot Ion:149 Resp: 6010
Ion Ratio Lower Upper
149 100
177 23.2 18.3 27.5
150 23.7 9.8 14.8#

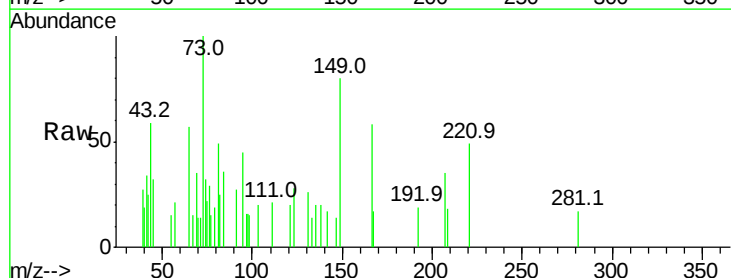


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

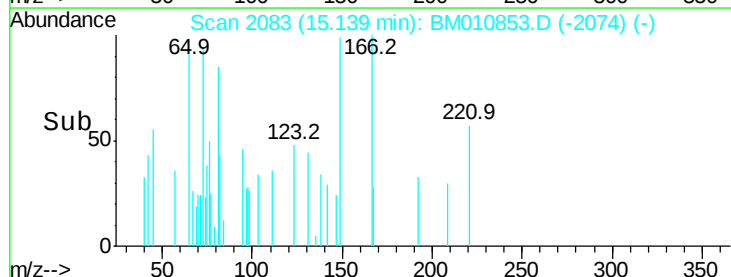
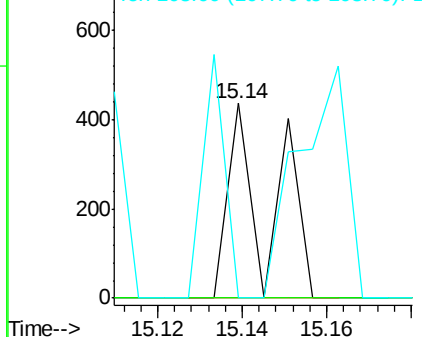


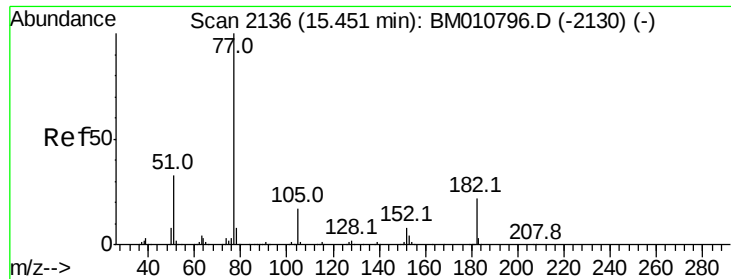
#61
4-Nitroaniline
Concen: 0.031 ng
RT: 15.14 min Scan# 2083
Delta R.T. -0.05 min
Lab File: BM010853.D
Acq: 18 Jul 2017 02:21

Tgt Ion:138 Resp: 296
Ion Ratio Lower Upper
138 100
92 0.0 16.7 56.7#
108 0.0 37.6 77.6#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BM0
Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 0.032 ng

RT: 15.43 min Scan# 2133

Delta R.T. -0.02 min

Lab File: BM010853.D

Acq: 18 Jul 2017 02:21

Instrument :

BNA_M

ClientSampleId :

3561-PP1

Tot Ion: 77 Resp: 1617

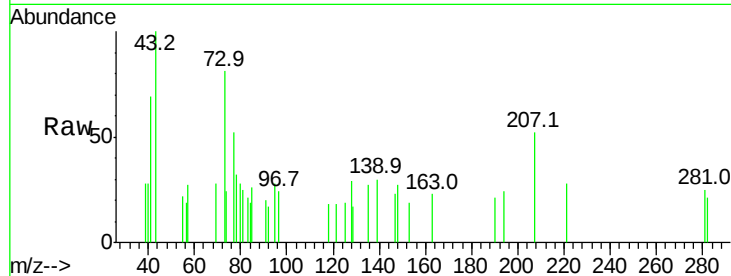
Ion Ratio Lower Upper

77 100

182 0.0 6.5 46.5#

105 0.0 3.8 43.8#

51 0.0 5.5 45.5#

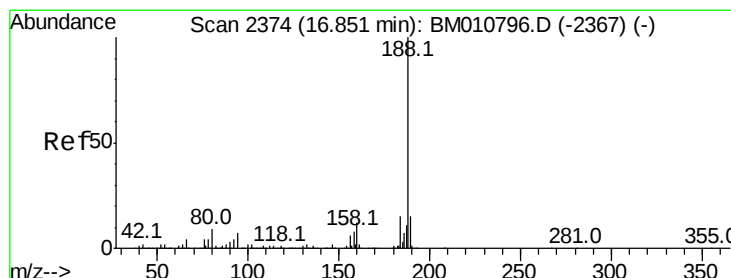
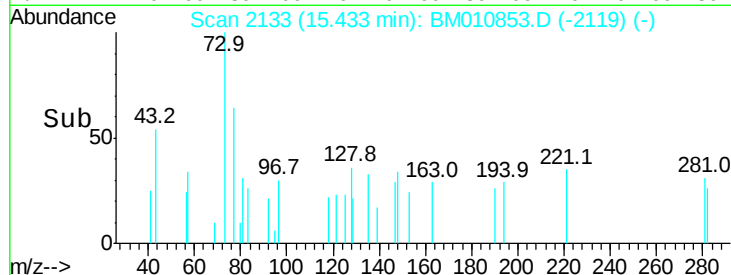
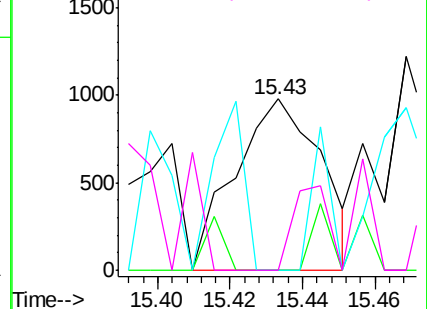


Abundance Ion 77.00 (76.70 to 77.70): BM010796.D (-2130) (-)

Ion 182.00 (181.70 to 182.70): BM010796.D (-2130) (-)

Ion 105.00 (104.70 to 105.70): BM010796.D (-2130) (-)

Ion 51.00 (50.70 to 51.70): BM010796.D (-2130) (-)



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.84 min Scan# 2373

Delta R.T. -0.01 min

Lab File: BM010853.D

Acq: 18 Jul 2017 02:21

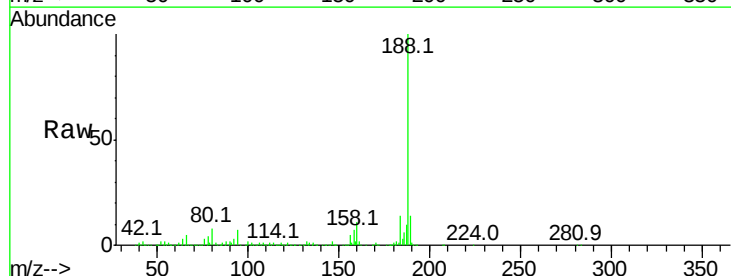
Tgt Ion: 188 Resp: 1344672

Ion Ratio Lower Upper

188 100

94 6.9 8.7 13.1#

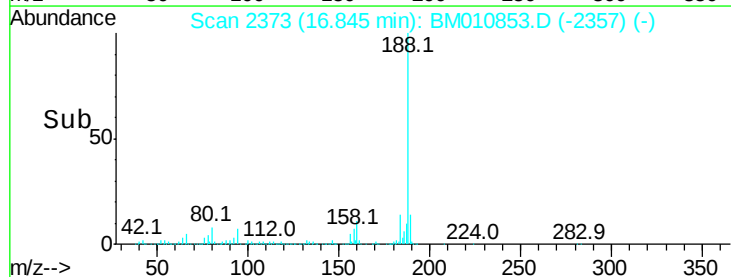
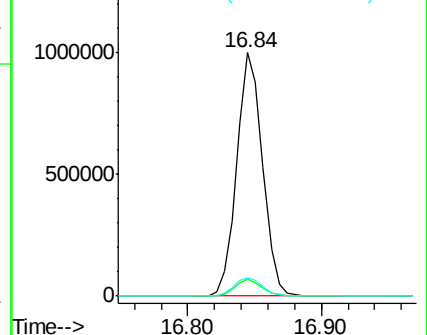
80 7.8 9.3 13.9#

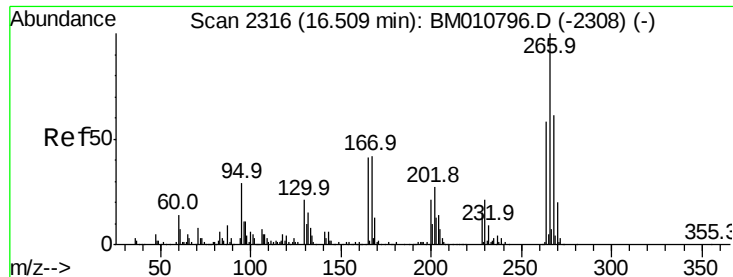


Abundance Ion 188.00 (187.70 to 188.70): BM010796.D (-2367) (-)

Ion 94.00 (93.70 to 94.70): BM010796.D (-2367) (-)

Ion 80.00 (79.70 to 80.70): BM010796.D (-2367) (-)

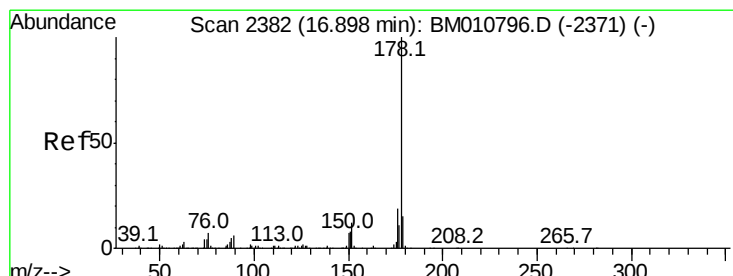
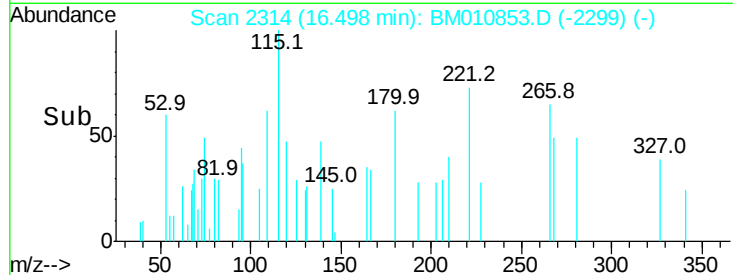
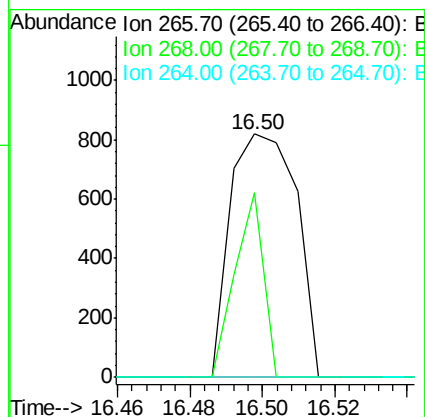
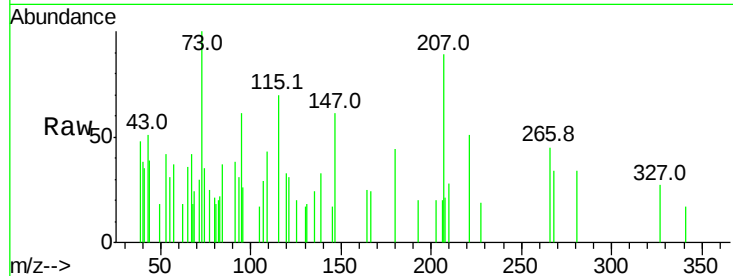




#69
 Pentachlorophenol
 Concen: 0.083 ng
 RT: 16.50 min Scan# 2314
 Delta R.T. -0.01 min
 Lab File: BM010853.D
 Acq: 18 Jul 2017 02:21

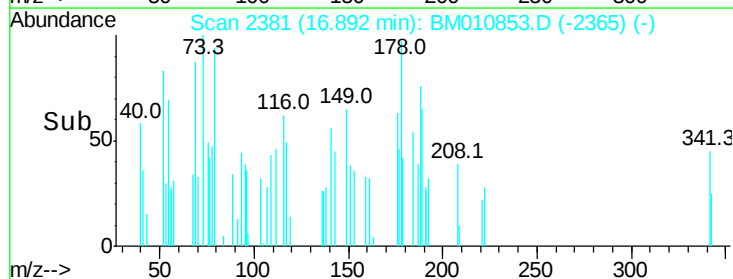
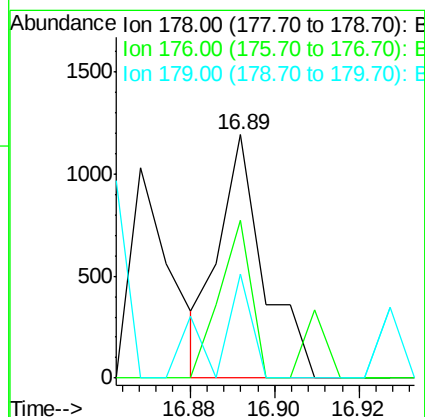
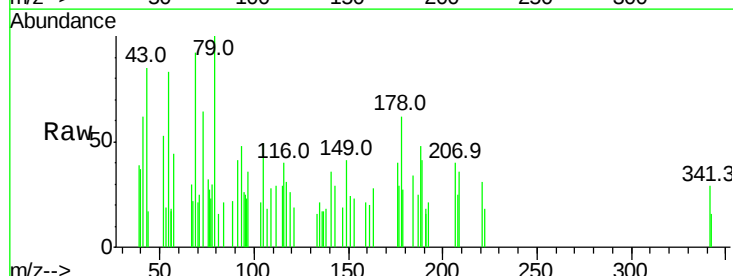
Instrument :
 BNA_M
 ClientSampled :
 3561-PP1

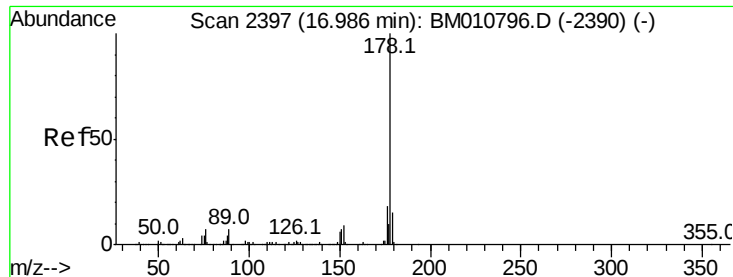
Tot Ion:266 Resp: 1038
 Ion Ratio Lower Upper
 266 100
 268 76.0 52.0 78.0
 264 0.0 49.0 73.4#



#70
 Phenanthrene
 Concen: 0.013 ng
 RT: 16.89 min Scan# 2381
 Delta R.T. -0.01 min
 Lab File: BM010853.D
 Acq: 18 Jul 2017 02:21

Tgt Ion:178 Resp: 875
 Ion Ratio Lower Upper
 178 100
 176 64.9 15.2 22.8#
 179 42.9 12.1 18.1#





#71

Anthracene

Concen: 0.028 ng

RT: 16.98 min Scan# 2396

Delta R.T. -0.01 min

Lab File: BM010853.D

Acq: 18 Jul 2017 02:21

Instrument :

BNA_M

ClientSampled :

3561-PP1

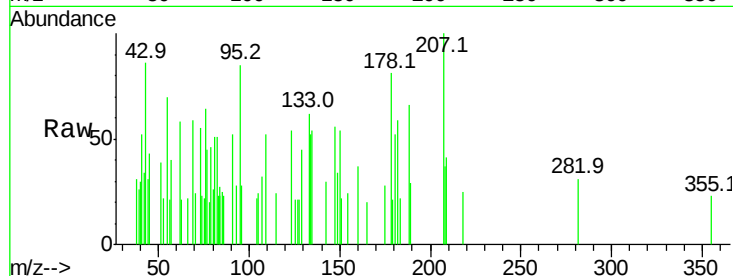
Tot Ion:178 Resp: 1971

Ion Ratio Lower Upper

178 100

176 0.0 14.6 22.0#

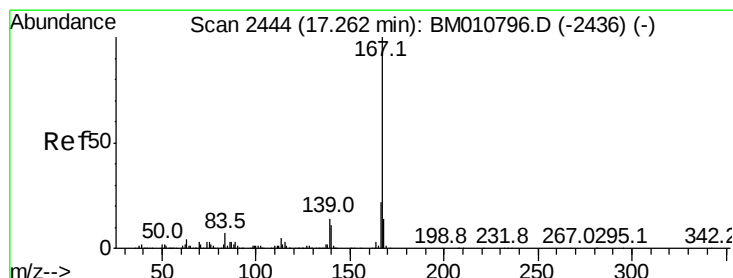
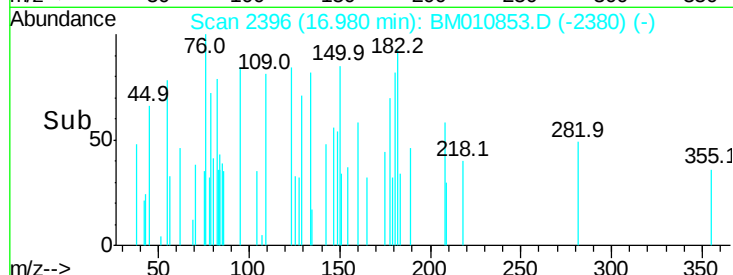
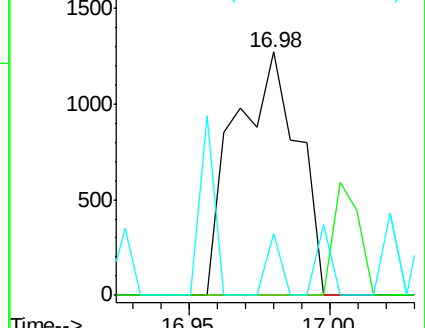
179 25.6 12.6 19.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 0.014 ng

RT: 17.24 min Scan# 2441

Delta R.T. -0.02 min

Lab File: BM010853.D

Acq: 18 Jul 2017 02:21

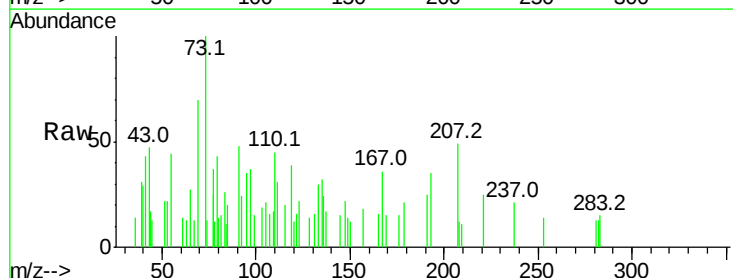
Tgt Ion:167 Resp: 836

Ion Ratio Lower Upper

167 100

166 0.0 17.2 25.8#

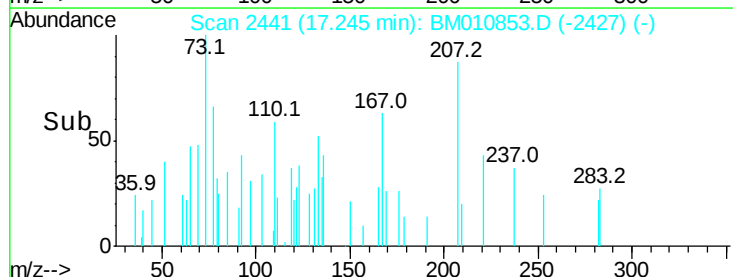
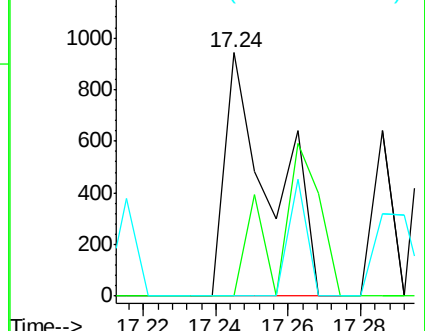
139 0.0 10.8 16.2#

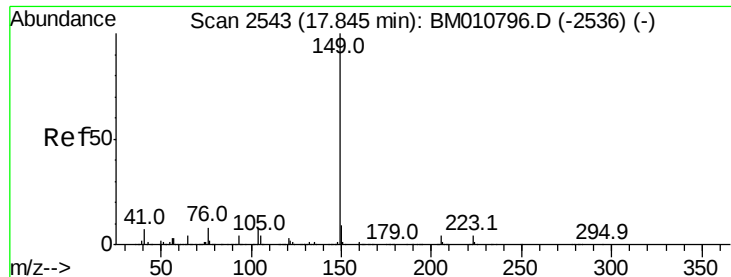


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

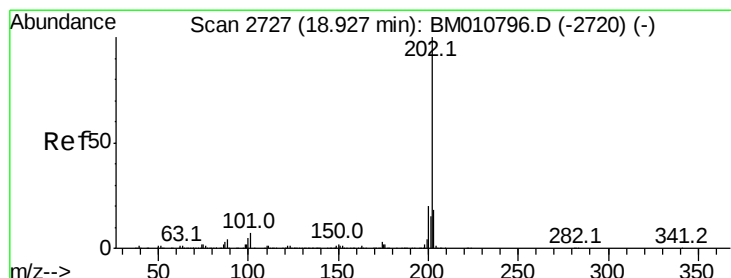
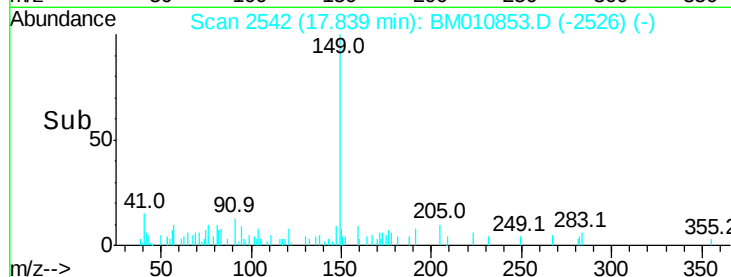
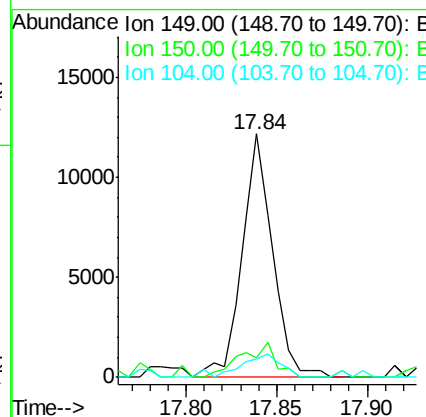
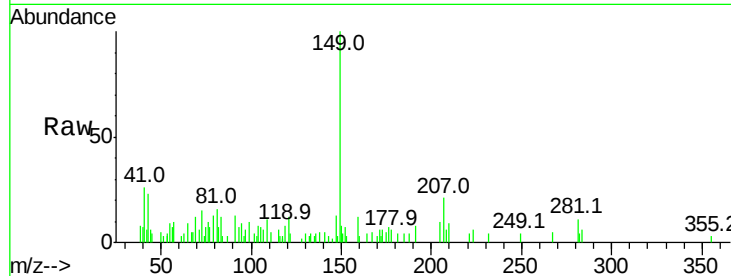




#73
Di-n-butylphthalate
Concen: 0.196 ng
RT: 17.84 min Scan# 2542
Delta R.T. -0.01 min
Lab File: BM010853.D
Acq: 18 Jul 2017 02:21

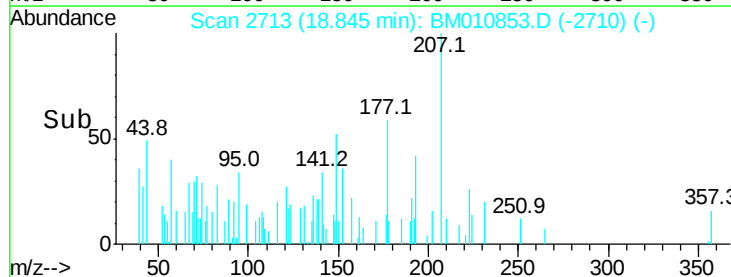
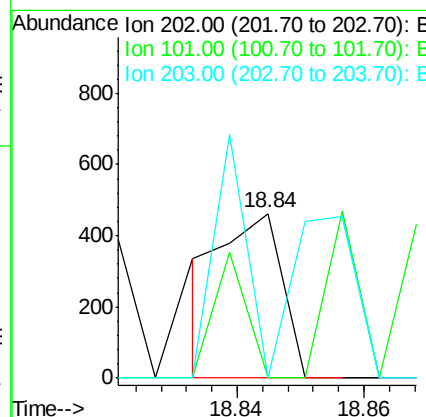
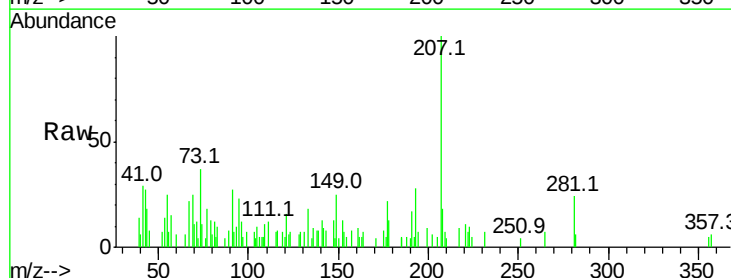
Instrument :
BNA_M
ClientSampleId :
3561-PP1

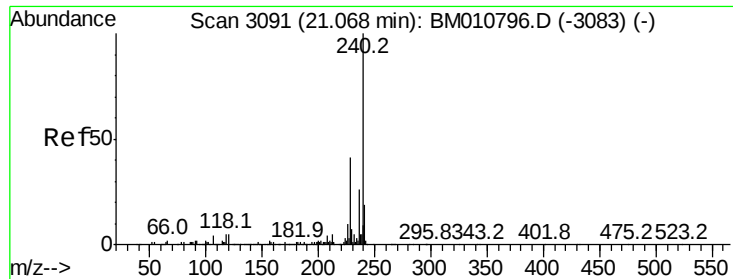
Tot Ion:149 Resp: 14162
Ion Ratio Lower Upper
149 100
150 8.0 7.5 11.3
104 7.7 3.7 5.5#



#74
Fluoranthene
Concen: 0.003 ng
RT: 18.84 min Scan# 2713
Delta R.T. -0.08 min
Lab File: BM010853.D
Acq: 18 Jul 2017 02:21

Tgt Ion:202 Resp: 296
Ion Ratio Lower Upper
202 100
101 0.0 0.0 28.7
203 0.0 0.0 37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.06 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM010853.D

Acq: 18 Jul 2017 02:21

Instrument :

BNA_M

ClientSampleId :

3561-PP1

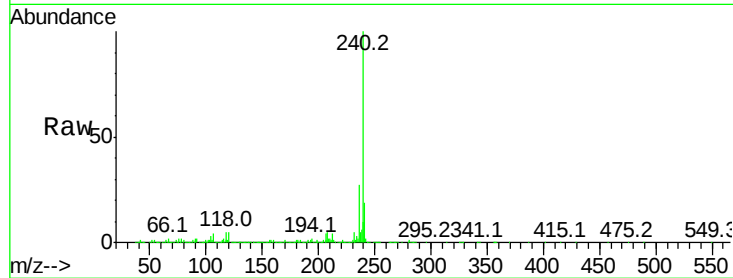
Tot Ion:240 Resp: 1469656

Ion Ratio Lower Upper

240 100

120 5.4 8.2 12.2#

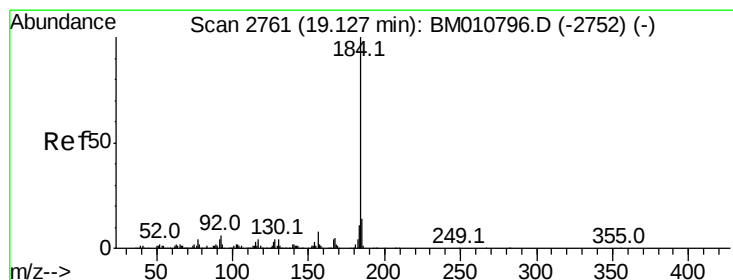
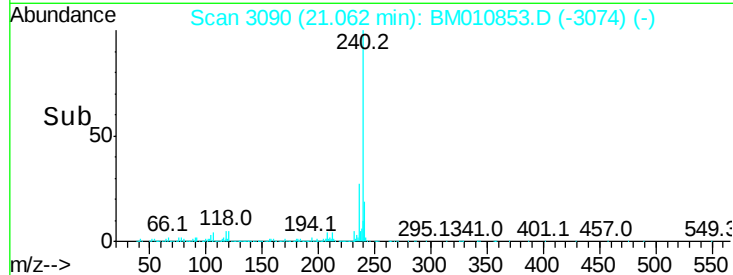
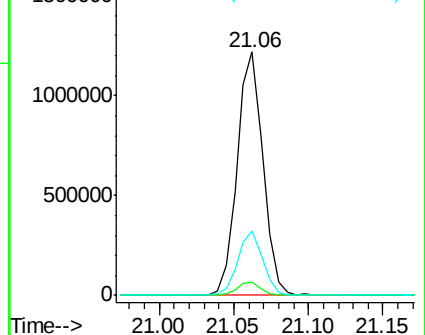
236 26.5 20.0 30.0



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: 0.015 ng

RT: 19.12 min Scan# 2760

Delta R.T. -0.01 min

Lab File: BM010853.D

Acq: 18 Jul 2017 02:21

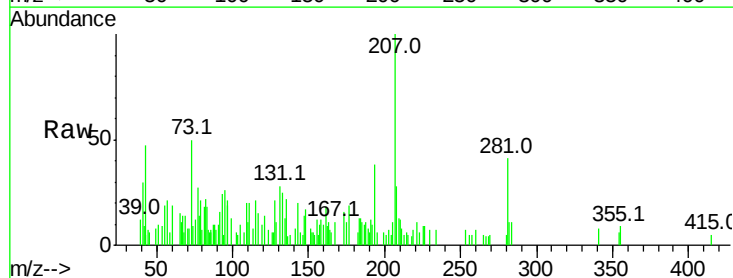
Tgt Ion:184 Resp: 574

Ion Ratio Lower Upper

184 100

185 83.2 11.3 16.9#

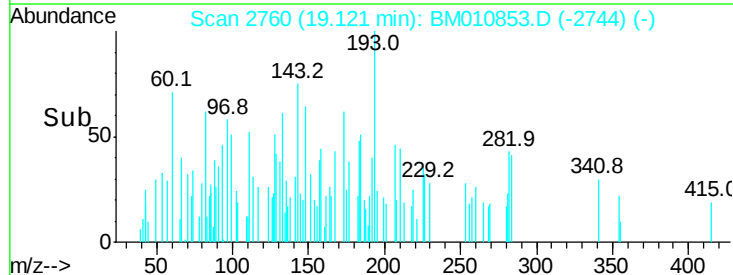
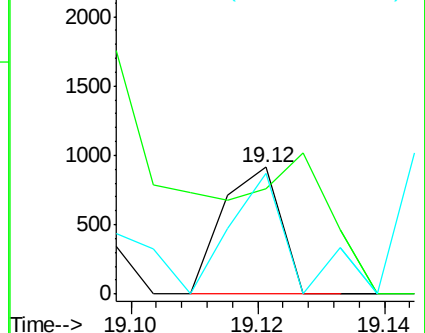
183 95.5 8.9 13.3#

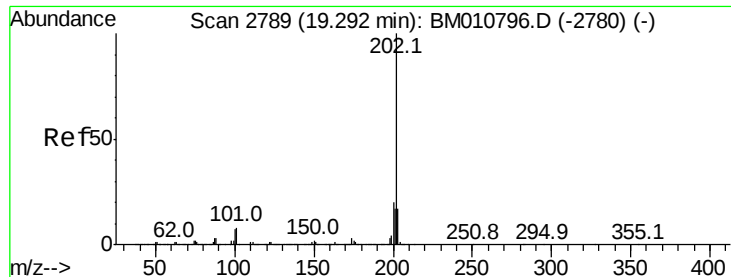


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 0.026 ng

RT: 19.28 min Scan# 2787

Delta R.T. -0.01 min

Lab File: BM010853.D

Acq: 18 Jul 2017 02:21

Instrument :

BNA_M

ClientSampleId :

3561-PP1

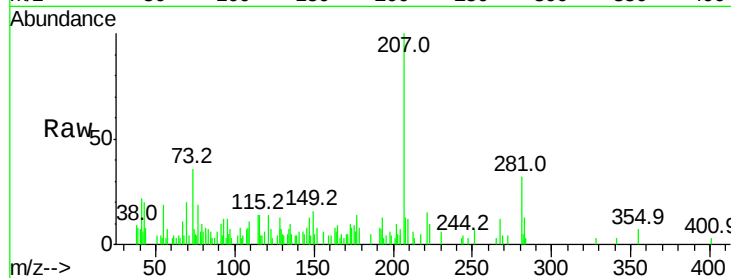
Tot Ion:202 Resp: 2194

Ion Ratio Lower Upper

202 100

200 0.0 16.9 25.3#

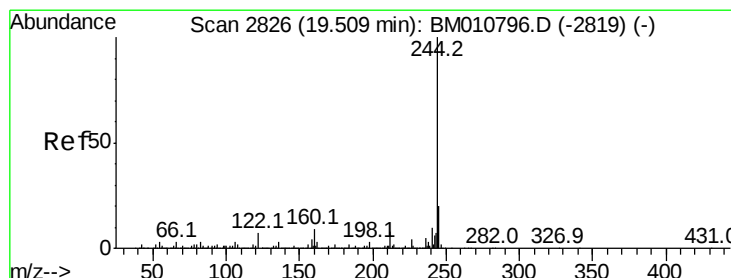
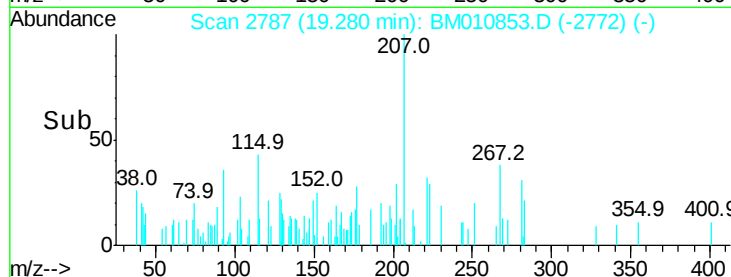
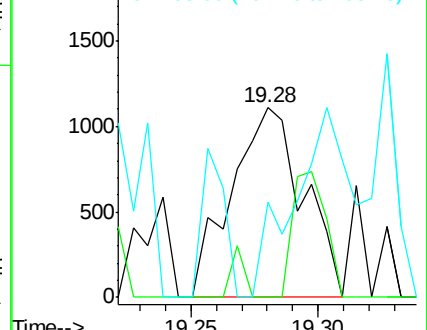
203 50.3 14.1 21.1#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 85.902 ng

RT: 19.51 min Scan# 2826

Delta R.T. 0.00 min

Lab File: BM010853.D

Acq: 18 Jul 2017 02:21

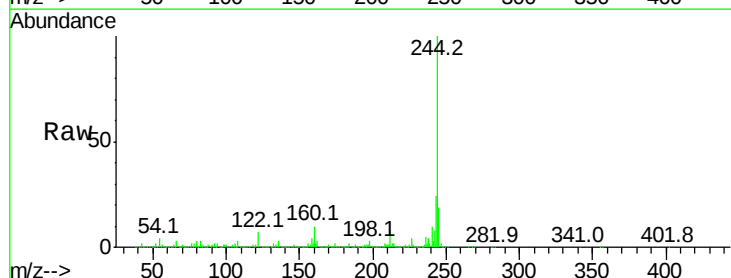
Tgt Ion:244 Resp: 6527350

Ion Ratio Lower Upper

244 100

212 7.9 4.9 7.3#

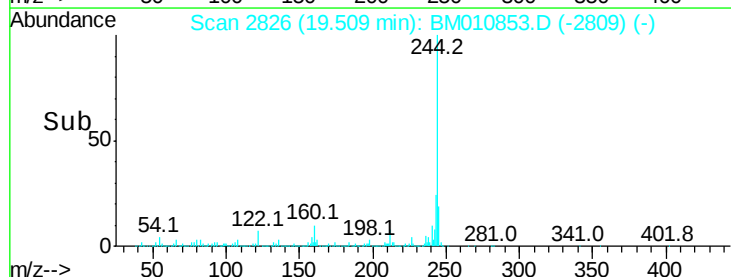
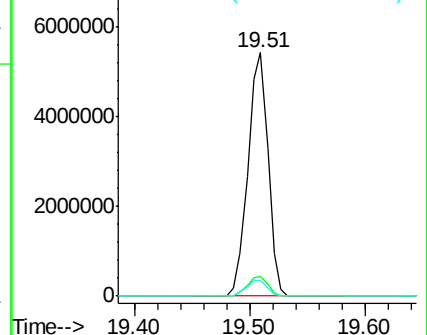
122 6.7 6.2 9.4

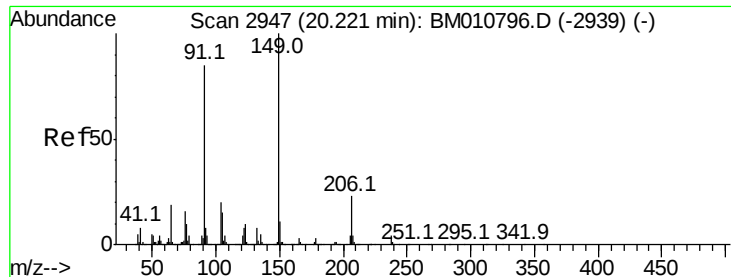


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

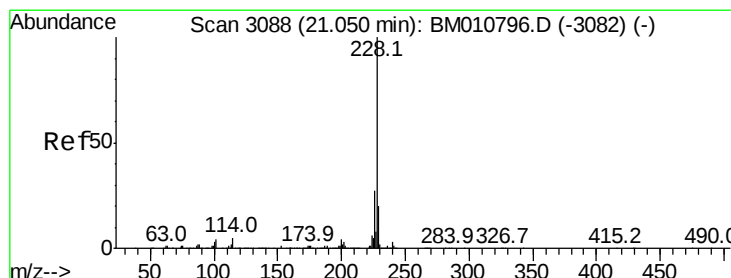
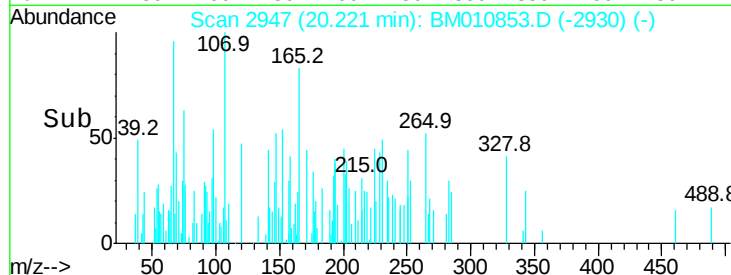
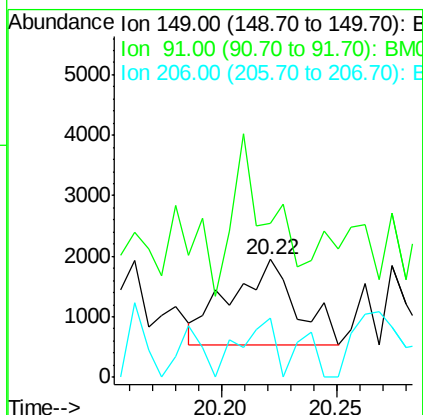
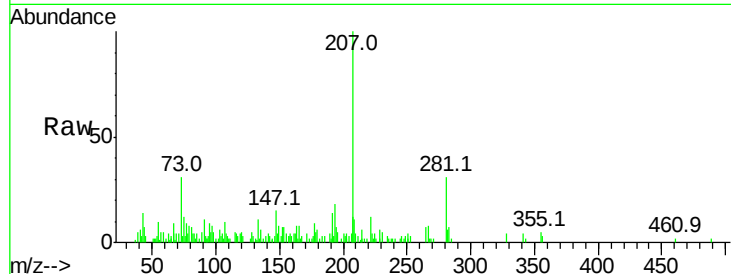




#79
Butylbenzylphthalate
Concen: 0.095 ng
RT: 20.22 min Scan# 2947
Delta R.T. 0.00 min
Lab File: BM010853.D
Acq: 18 Jul 2017 02:21

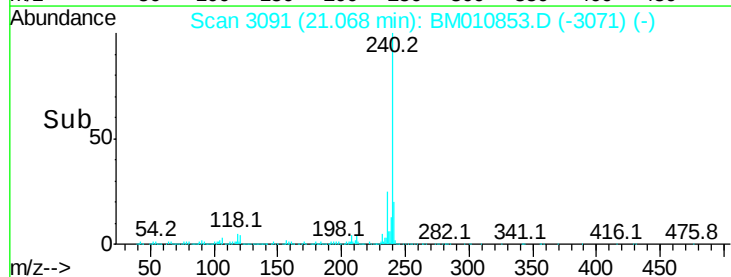
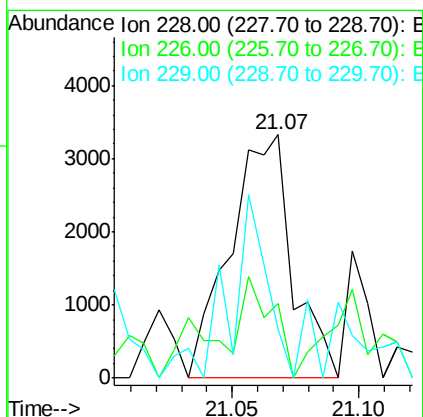
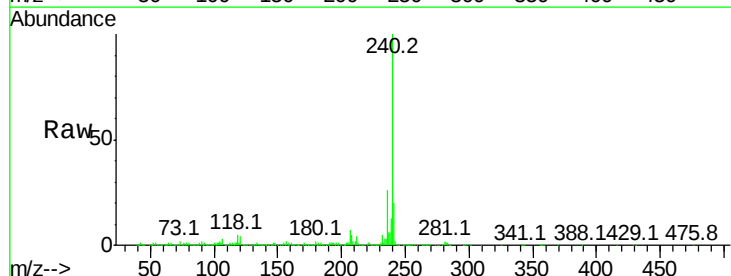
Instrument :
BNA_M
ClientSampleId :
3561-PP1

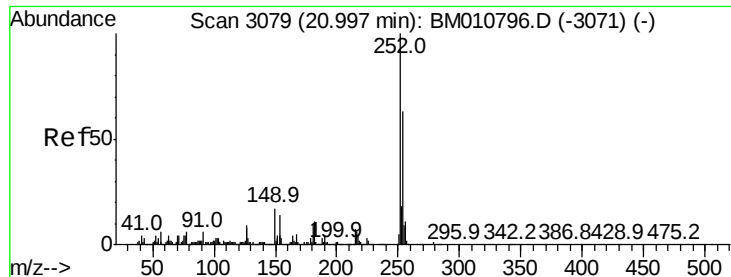
Tot Ion:149 Resp: 2823
Ion Ratio Lower Upper
149 100
91 131.1 50.1 75.1#
206 49.8 16.2 24.2#



#80
Benzo(a)anthracene
Concen: 0.067 ng
RT: 21.07 min Scan# 3091
Delta R.T. 0.02 min
Lab File: BM010853.D
Acq: 18 Jul 2017 02:21

Tgt Ion:228 Resp: 5700
Ion Ratio Lower Upper
228 100
226 30.9 21.7 32.5
229 20.1 16.0 24.0

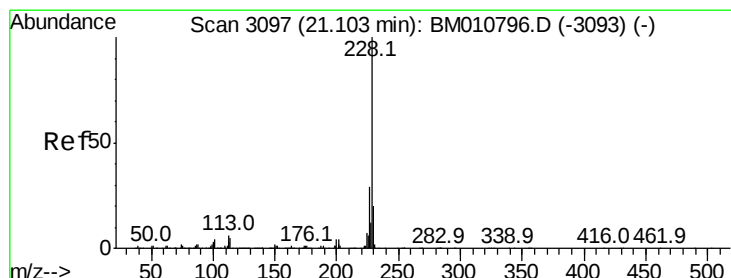
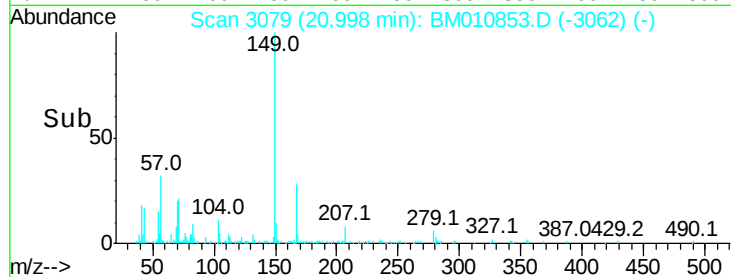
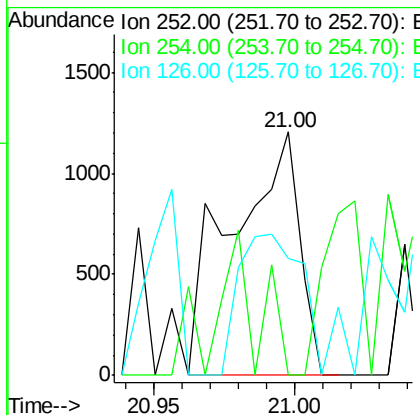
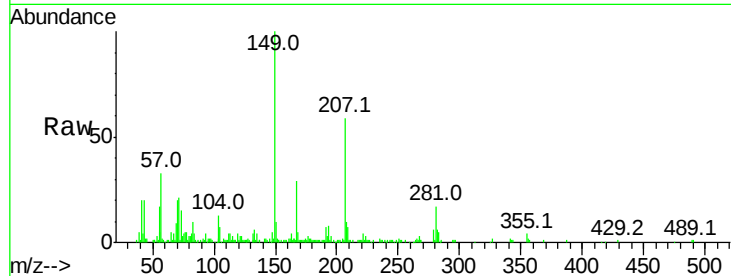




#81
 3,3'-Dichlorobenzidine
 Concen: 0.060 ng
 RT: 21.00 min Scan# 3079
 Delta R.T. 0.00 min
 Lab File: BM010853.D
 Acq: 18 Jul 2017 02:21

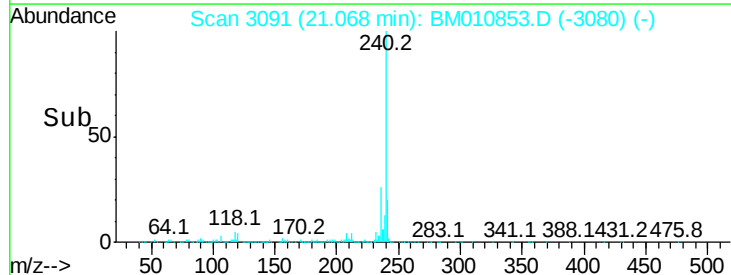
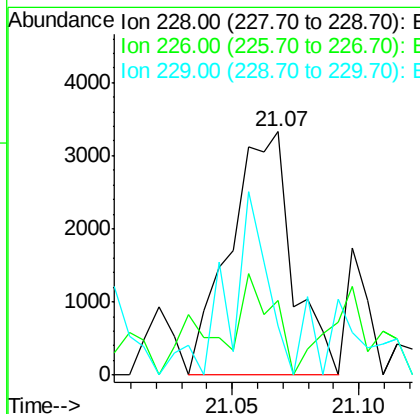
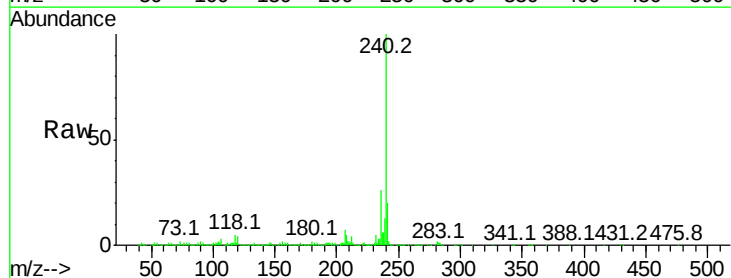
Instrument :
 BNA_M
 ClientSampled :
 3561-PP1

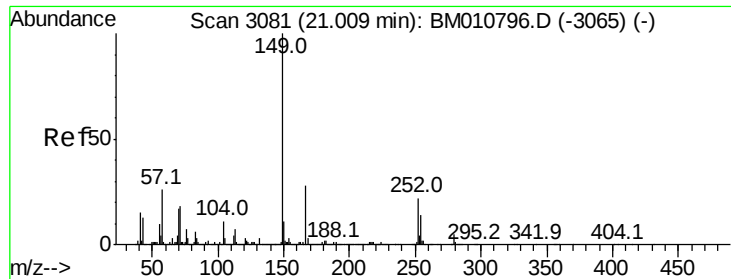
Tot Ion:252 Resp: 2004
 Ion Ratio Lower Upper
 252 100
 254 0.0 51.9 77.9#
 126 48.2 9.8 14.8#



#82
 Chrysene
 Concen: 0.070 ng
 RT: 21.07 min Scan# 3091
 Delta R.T. -0.04 min
 Lab File: BM010853.D
 Acq: 18 Jul 2017 02:21

Tgt Ion:228 Resp: 5700
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.1 36.1
 229 20.1 15.5 23.3

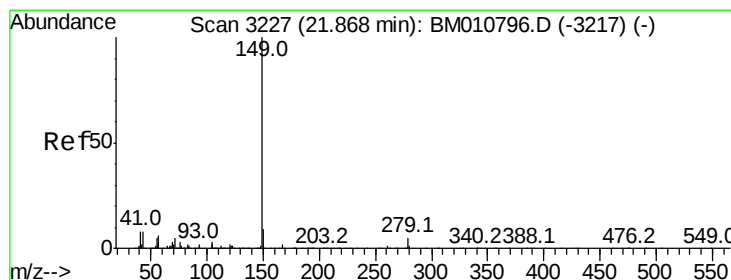
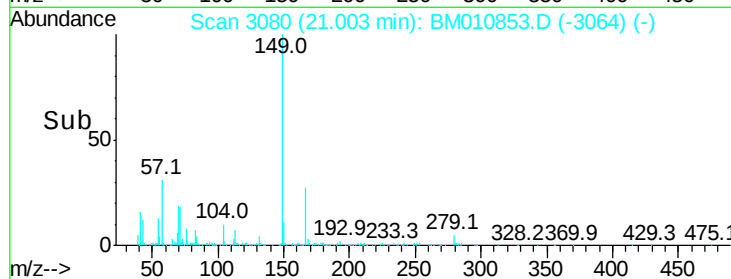
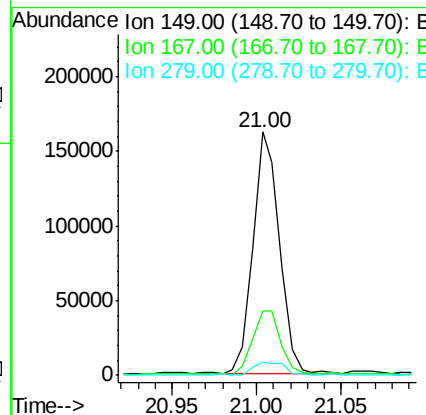
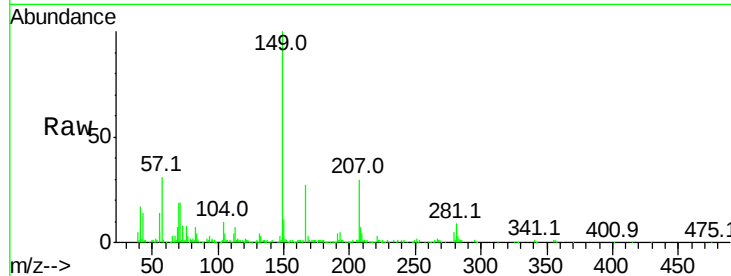




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.105 ng
 RT: 21.00 min Scan# 3080
 Delta R.T. -0.01 min
 Lab File: BM010853.D
 Acq: 18 Jul 2017 02:21

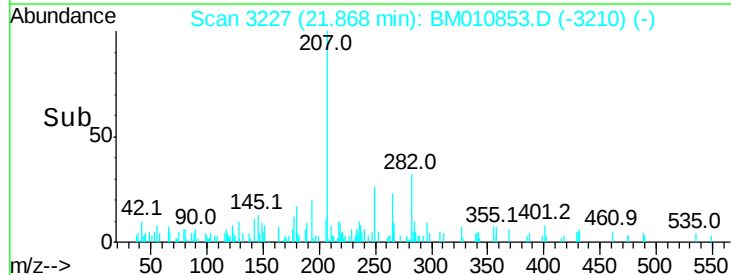
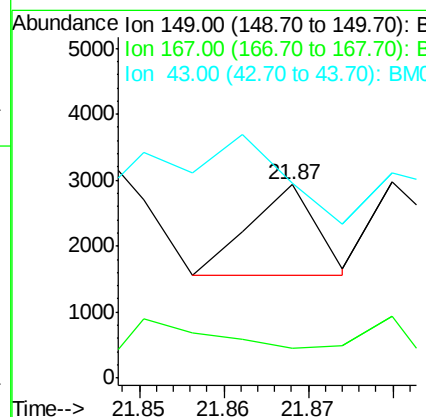
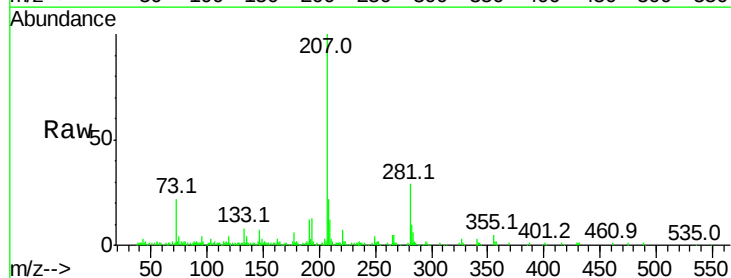
Instrument :
 BNA_M
 ClientSampleId :
 3561-PP1

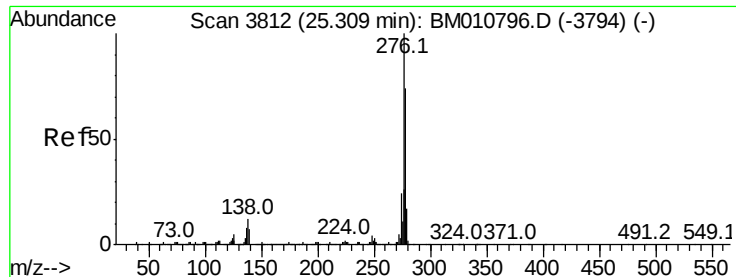
Tot Ion:149 Resp: 178292
 Ion Ratio Lower Upper
 149 100
 167 26.7 22.4 33.6
 279 5.5 3.4 5.0#



#84
 Di-n-octyl phthalate
 Concen: 0.010 ng
 RT: 21.87 min Scan# 3227
 Delta R.T. 0.00 min
 Lab File: BM010853.D
 Acq: 18 Jul 2017 02:21

Tgt Ion:149 Resp: 746
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 295.4 7.3 10.9#

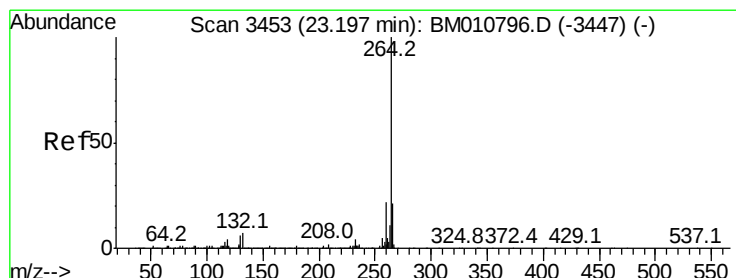
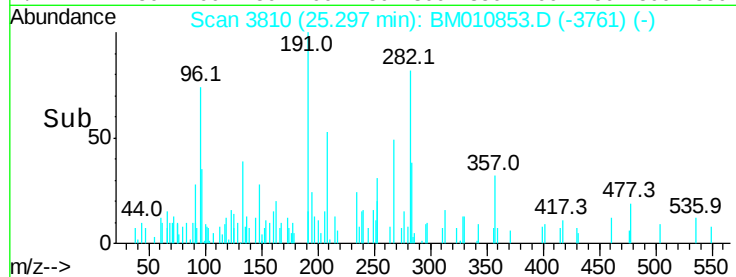
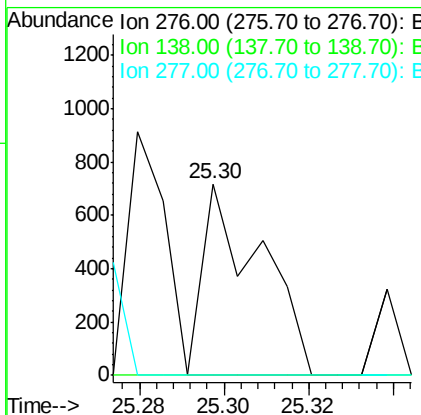
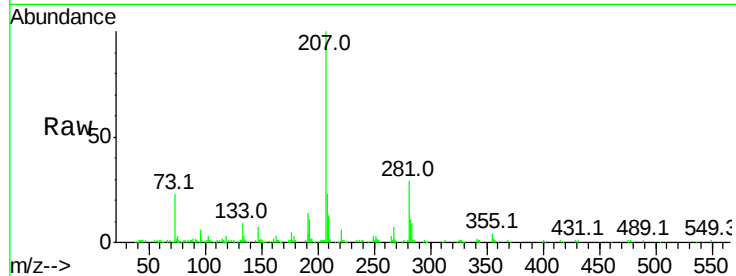




#85
Indeno(1,2,3-cd)pyrene
Concen: 0.007 ng
RT: 25.30 min Scan# 3810
Delta R.T. -0.01 min
Lab File: BM010853.D
Acq: 18 Jul 2017 02:21

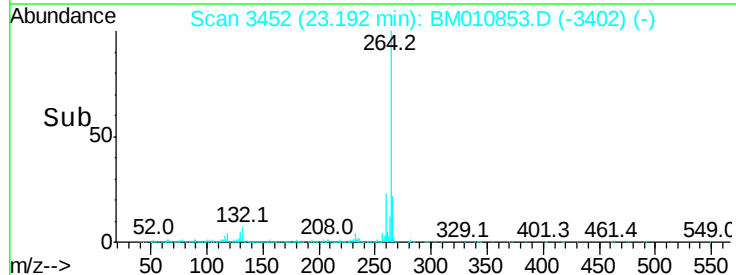
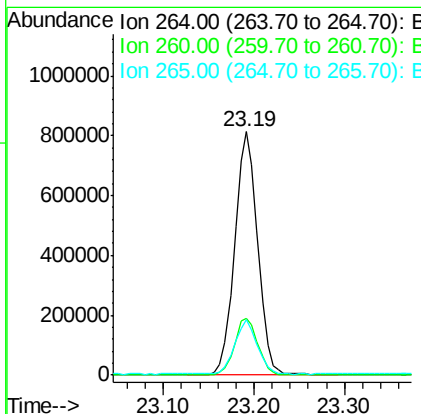
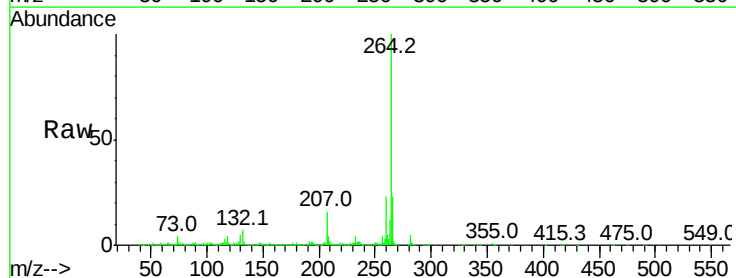
Instrument :
BNA_M
ClientSampleId :
3561-PP1

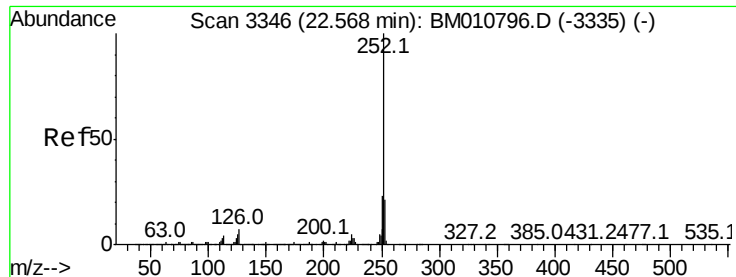
Tot Ion:276 Resp: 681
Ion Ratio Lower Upper
276 100
138 0.0 0.0 0.0
277 0.0 0.0 0.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.19 min Scan# 3452
Delta R.T. -0.01 min
Lab File: BM010853.D
Acq: 18 Jul 2017 02:21

Tgt Ion:264 Resp: 1435837
Ion Ratio Lower Upper
264 100
260 23.1 18.6 27.8
265 22.6 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 0.023 ng

RT: 22.57 min Scan# 3346

Delta R.T. 0.00 min

Lab File: BM010853.D

Acq: 18 Jul 2017 02:21

Instrument :

BNA_M

ClientSampleId :

3561-PP1

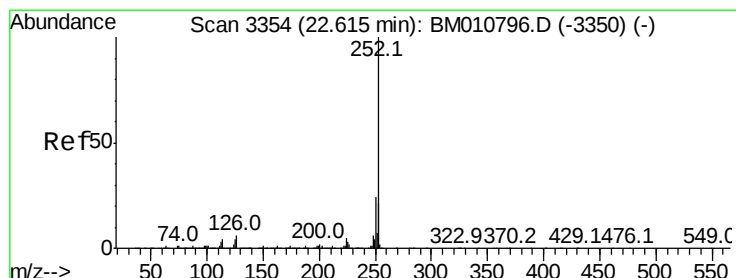
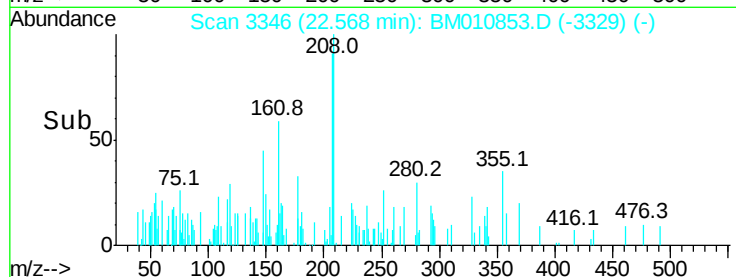
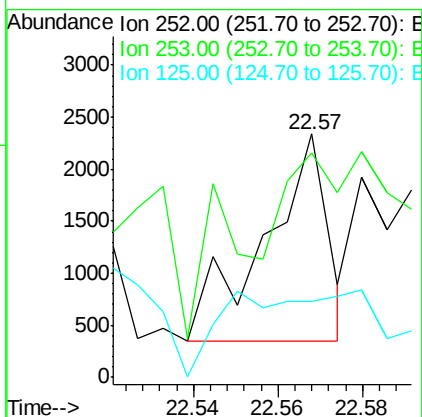
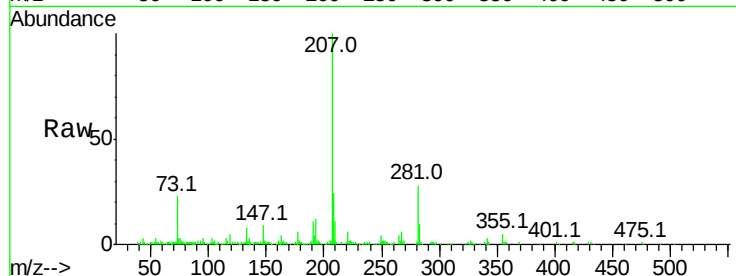
Tot Ion:252 Resp: 2066

Ion Ratio Lower Upper

252 100

253 92.2 18.0 27.0#

125 31.2 9.9 14.9#



#88

Benzo(k)fluoranthene

Concen: 0.009 ng

RT: 22.63 min Scan# 3357

Delta R.T. 0.02 min

Lab File: BM010853.D

Acq: 18 Jul 2017 02:21

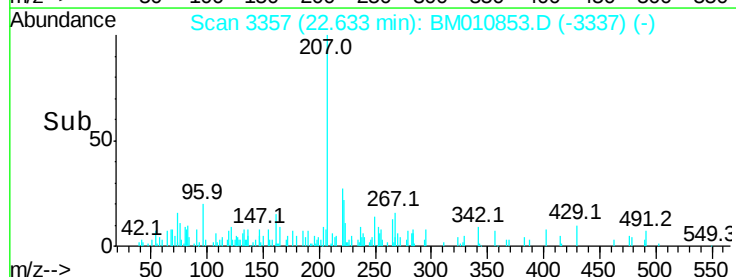
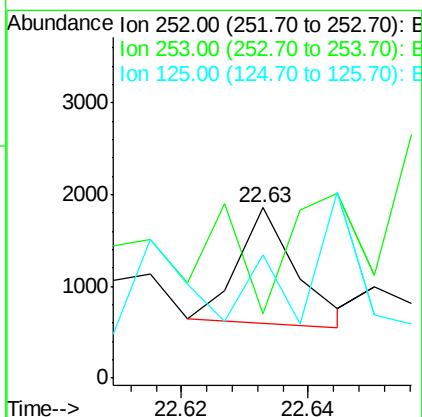
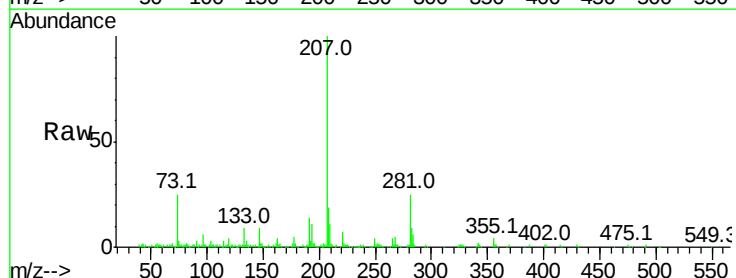
Tgt Ion:252 Resp: 796

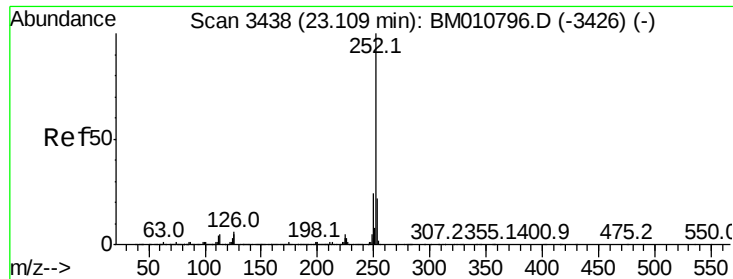
Ion Ratio Lower Upper

252 100

253 77.8 17.2 25.8#

125 72.6 8.1 12.1#





#89

Benzo(a)pyrene

Concen: 0.012 ng

RT: 23.10 min Scan# 3436

Delta R.T. -0.01 min

Lab File: BM010853.D

Acq: 18 Jul 2017 02:21

Instrument :

BNA_M

ClientSampleId :

3561-PP1

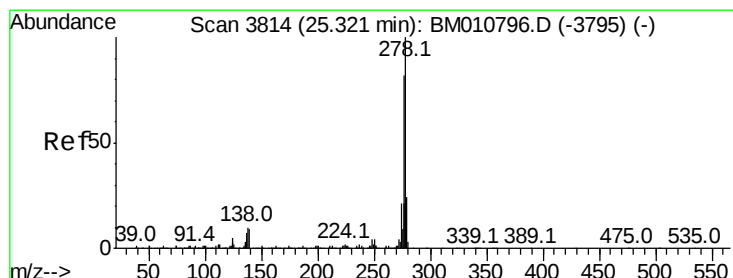
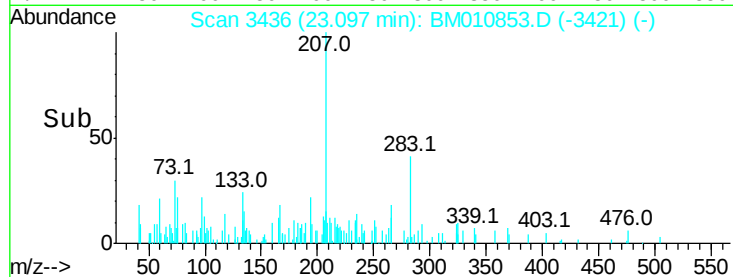
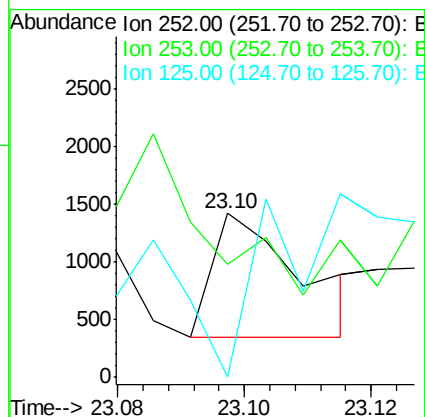
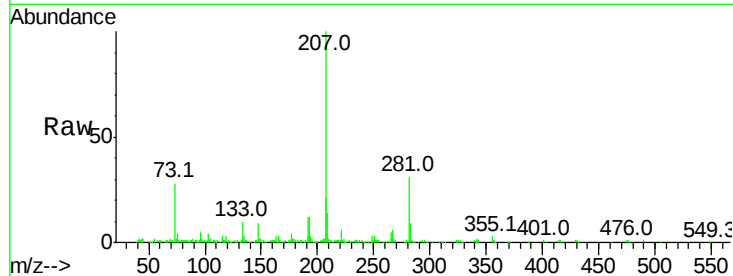
Tot Ion:252 Resp: 1022

Ion Ratio Lower Upper

252 100

253 68.7 17.6 26.4#

125 0.0 7.4 11.2#



#90

Dibenzo(a,h)anthracene

Concen: 0.002 ng

RT: 25.30 min Scan# 3811

Delta R.T. -0.02 min

Lab File: BM010853.D

Acq: 18 Jul 2017 02:21

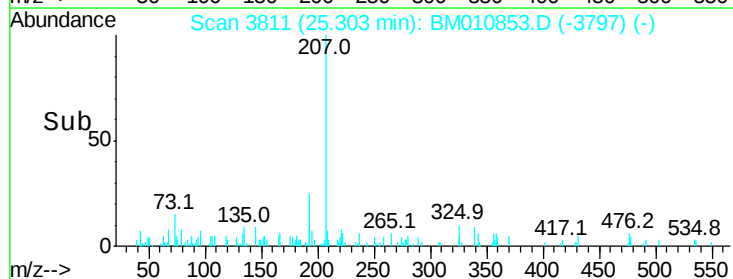
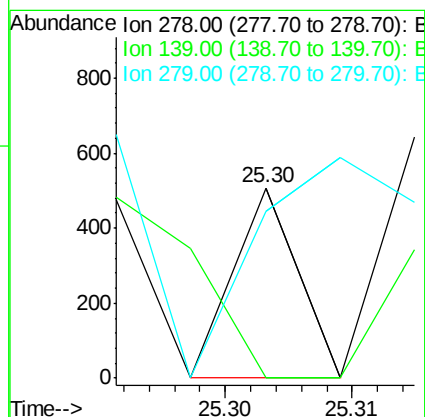
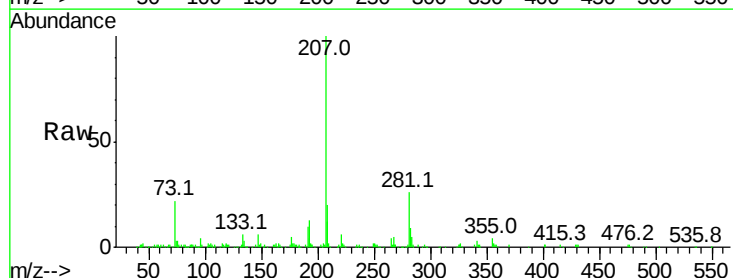
Tgt Ion:278 Resp: 179

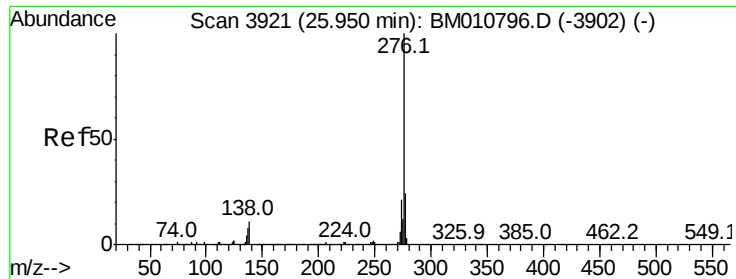
Ion Ratio Lower Upper

278 100

139 0.0 13.4 20.0#

279 87.8 19.0 28.4#





#91

Benzo(a,h,i)perylene

Concen: 0.008 ng

RT: 25.93 min Scan# 3918

Delta R.T. -0.02 min

Lab File: BM010853.D

Acq: 18 Jul 2017 02:21

Instrument :

BNA_M

ClientSampleId :

3561-PP1

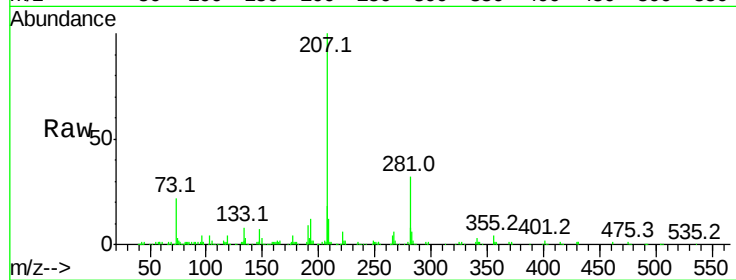
Tot Ion: 276 Resp: 643

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

800

600

400

200

0

25.90 25.92 25.94

25.93

Time-->

