

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071717\
 Data File : BM010865.D
 Acq On : 18 Jul 2017 09:31
 Operator : SJ/JU
 Sample : I4176-05MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 18 14:42:23 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	7.45	152	282607	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	1130098	20.00	ng	0.00
38) Acenaphthene-d10	14.10	164	738050	20.00	ng	0.00
63) Phenanthrene-d10	16.85	188	1605563	20.00	ng	0.00
75) Chrysene-d12	21.06	240	1373646	20.00	ng	0.00
86) Perylene-d12	23.19	264	1129823	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.09	112	2494718	146.23	ng	0.01
7) Phenol-d6	6.65	99	3214399	136.67	ng	0.00
23) Nitrobenzene-d5	8.59	82	2733574	92.98	ng	0.00
41) 2,4,6-Tribromophenol	15.60	330	1664931	147.62	ng	0.00
44) 2-Fluorobiphenyl	12.71	172	6316752	106.47	ng	0.00
78) Terphenyl-d14	19.51	244	8211592	115.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.11	88	253634	33.692	ng	# 100
3) Pyridine	3.49	79	585096	28.434	ng	# 90
4) n-Nitrosodimethylamine	3.39	42	435224	41.385	ng	# 74
6) Aniline	6.80	93	484389	16.441	ng	# 93
8) 2-Chlorophenol	7.02	128	808608	47.871	ng	# 89
9) Benzaldehyde	6.60	77	104144	6.377	ng	# 87
10) Phenol	6.67	94	1067907	42.945	ng	# 95
11) bis(2-Chloroethyl)ether	6.89	93	888728	46.404	ng	# 97
12) 1,3-Dichlorobenzene	7.33	146	853195	40.872	ng	# 86
13) 1,4-Dichlorobenzene	7.48	146	875096	40.623	ng	# 88
14) 1,2-Dichlorobenzene	7.79	146	836975	40.774	ng	# 89
15) Benzyl Alcohol	7.69	79	1084550	48.698	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	7.97	45	782332	47.116	ng	# 80
17) 2-Methylphenol	7.89	107	778218	48.389	ng	# 82
18) Hexachloroethane	8.50	117	370269	40.979	ng	# 80
19) n-Nitroso-di-n-propylamine	8.26	70	865956	46.480	ng	# 94
20) 3+4-Methylphenols	8.22	107	1047070	46.862	ng	# 85
22) Acetophenone	8.26	105	1528676	44.926	ng	# 97
24) Nitrobenzene	8.63	77	1335628	44.327	ng	# 90
25) Isophorone	9.16	82	2271864	47.168	ng	# 88
26) 2-Nitrophenol	9.33	139	470562	46.932	ng	# 39
27) 2,4-Dimethylphenol	9.41	122	815562	45.575	ng	# 72
28) bis(2-Chloroethoxy)methane	9.64	93	1260146	46.672	ng	# 98
29) 2,4-Dichlorophenol	9.86	162	942240	46.612	ng	# 96
30) 1,2,4-Trichlorobenzene	10.07	180	1056399	42.747	ng	# 96
31) Naphthalene	10.26	128	2583953	44.968	ng	# 98
32) Benzoic acid	9.56	122	549730	39.153	ng	# 65
33) 4-Chloroaniline	10.39	127	155809	6.730	ng	# 85
34) Hexachlorobutadiene	10.54	225	816083	42.559	ng	# 99
35) Caprolactam	11.17	113	160019	29.733	ng	# 90
36) 4-Chloro-3-methylphenol	11.51	107	1095361	44.796	ng	# 75
37) 2-Methylnaphthalene	11.87	142	2062427	49.971	ng	# 89
39) 1,2,4,5-Tetrachlorobenzene	12.26	216	1404333	43.652	ng	# 100
40) Hexachlorocyclopentadiene	12.24	237	1974577	107.069	ng	# 96

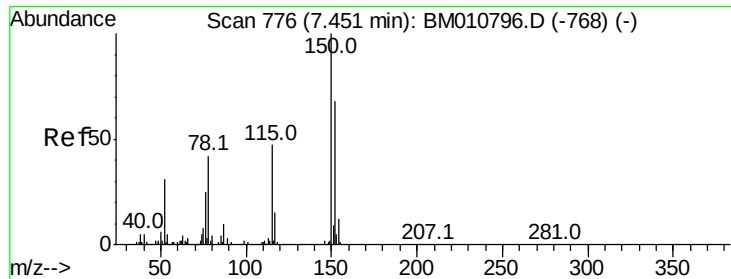
Data Path : Z:\HPCHEM1\BNA M\DATA\BM071717\
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 BNA_M
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Quant Time: Jul 18 14:42:23 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM071217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 12 14:21:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.51	196	904730	45.672	nq	99
43) 2,4,5-Trichlorophenol	12.58	196	923656	47.227	nq	# 87
45) 1,1'-Biphenyl	12.92	154	2781104	43.253	nq	99
46) 2-Chloronaphthalene	12.96	162	2174258	46.117	nq	# 93
47) 2-Nitroaniline	13.17	65	755739	48.762	nq	# 74
48) Acenaphthylene	13.82	152	3212914	45.819	nq	100
49) Dimethylphthalate	13.57	163	2826255	45.012	nq	# 99
50) 2,6-Dinitrotoluene	13.69	165	600880	48.789	nq	# 70
51) Acenaphthene	14.16	154	1977643	46.155	nq	99
52) 3-Nitroaniline	14.01	138	346889	30.983	nq	# 42
53) 2,4-Dinitrophenol	14.22	184	795187	93.402	nq	92
54) Dibenzofuran	14.50	168	3429040	49.474	nq	# 91
55) 4-Nitrophenol	14.34	139	708627	72.876	nq	# 1
56) 2,4-Dinitrotoluene	14.48	165	817347	47.828	nq	# 96
57) Fluorene	15.15	166	2722974	45.702	nq	98
58) 2,3,4,6-Tetrachlorophenol	14.73	232	861535	47.409	nq	# 100
59) Diethylphthalate	14.95	149	2751691	44.375	nq	99
60) 4-Chlorophenyl-phenylether	15.16	204	1649788	45.077	nq	96
61) 4-Nitroaniline	15.19	138	492949	42.124	nq	# 1
62) Azobenzene	15.45	77	3141244	49.887	nq	89
64) 4,6-Dinitro-2-methylphenol	15.24	198	513714	48.522	nq	93
65) n-Nitrosodiphenylamine	15.37	169	2307129	50.219	nq	98
66) 4-Bromophenyl-phenylether	16.05	248	1061003	52.144	nq	# 89
67) Hexachlorobenzene	16.16	284	1088413	46.779	nq	# 89
68) Atrazine	16.34	200	688055	36.164	nq	98
69) Pentachlorophenol	16.50	266	1303836	87.414	nq	98
70) Phenanthrene	16.89	178	4185897	50.115	nq	99
71) Anthracene	16.98	178	4154277	50.105	nq	98
72) Carbazole	17.26	167	3210837	43.971	nq	99
73) Di-n-butylphthalate	17.84	149	3923569	45.416	nq	# 96
74) Fluoranthene	18.92	202	4549143	43.976	nq	98
76) Benzidine	19.12	184	391233	10.643	nq	96
77) Pyrene	19.29	202	4539284	57.003	nq	100
79) Butylbenzylphthalate	20.22	149	1472180	52.805	nq	# 74
80) Benzo(a)anthracene	21.05	228	3885535	48.816	nq	98
81) 3,3'-Dichlorobenzidine	20.99	252	752333	24.039	nq	# 97
82) Chrysene	21.10	228	3580366	47.232	nq	100
83) Bis(2-ethylhexyl)phthalate	21.01	149	1972533	48.586	nq	# 97
84) Di-n-octyl phthalate	21.86	149	3034295	45.615	nq	99
85) Indeno(1,2,3-cd)pyrene	25.30	276	3883345	44.676	nq	# 100
87) Benzo(b)fluoranthene	22.56	252	3606305	50.250	nq	# 92
88) Benzo(k)fluoranthene	22.61	252	3318744	48.415	nq	# 94
89) Benzo(a)pyrene	23.10	252	3330535	50.985	nq	# 95
90) Dibenzo(a,h)anthracene	25.31	278	3212550	50.670	nq	# 91
91) Benzo(g,h,i)perylene	25.94	276	3288533	52.764	nq	# 86

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

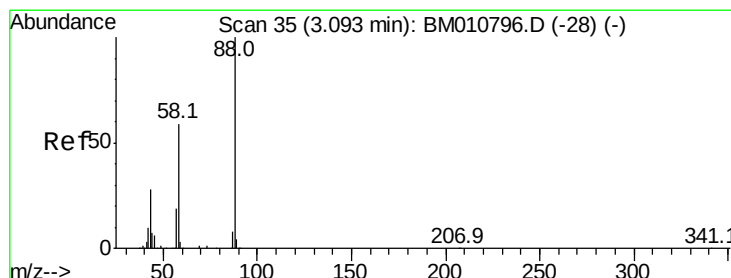
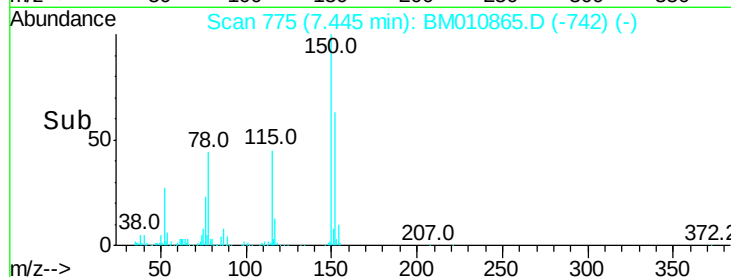
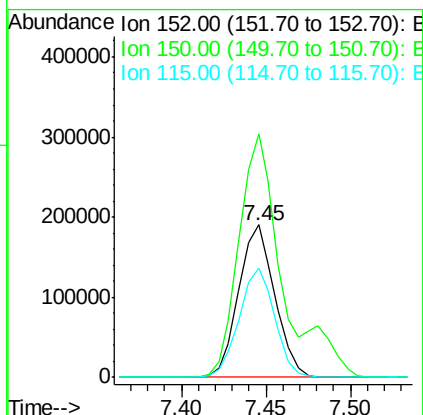
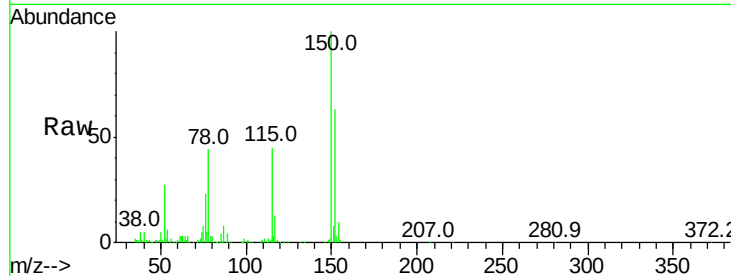


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.45 min Scan# 775
Delta R.T. -0.01 min
Lab File: BM010865.D
Acq: 18 Jul 2017 09:31

Instrument :
BNA_M
ClientSampleId :

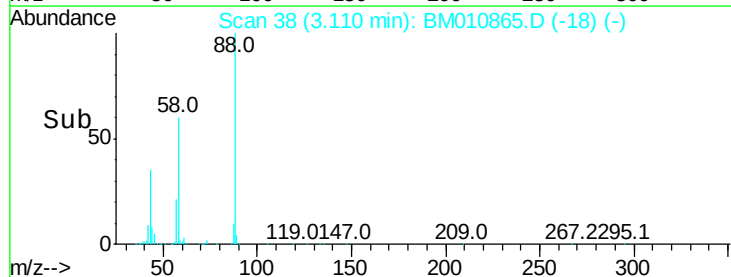
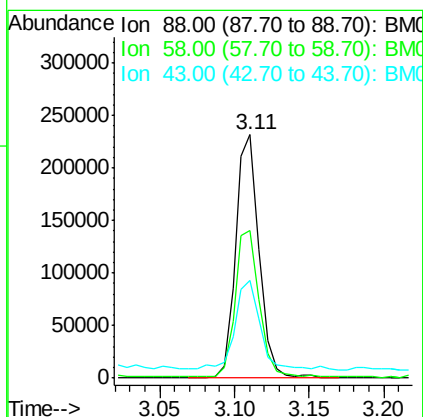
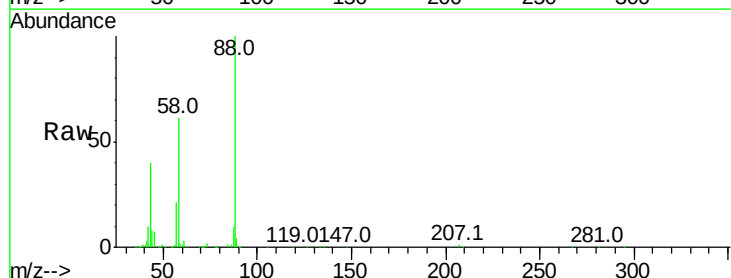
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.7	119.5	179.3
115	72.0	43.0	64.4

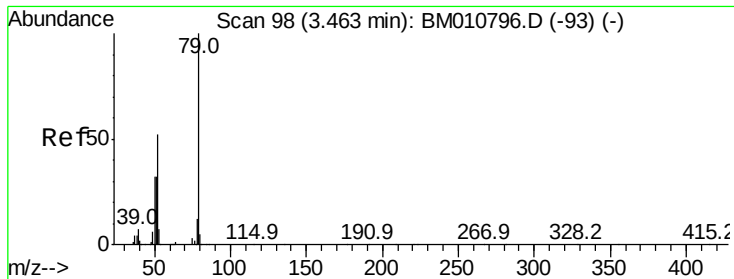


#2

1,4-Dioxane
Concen: 33.692 ng
RT: 3.11 min Scan# 38
Delta R.T. 0.02 min
Lab File: BM010865.D
Acq: 18 Jul 2017 09:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.0	0.0	0.0
43	40.2	0.0	0.0





#3

Pvridine

Concen: 28.434 ng

RT: 3.49 min Scan# 102

Delta R.T. 0.02 min

Lab File: BM010865.D

Acq: 18 Jul 2017 09:31

Instrument :

BNA_M

ClientSampled :

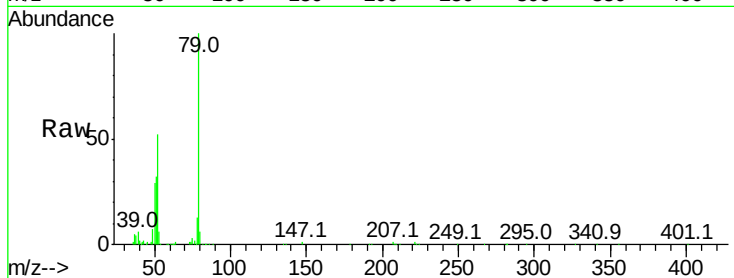
Tot Ion: 79 Resp: 585096

Ion Ratio Lower Upper

79 100

52 51.8 51.1 76.7

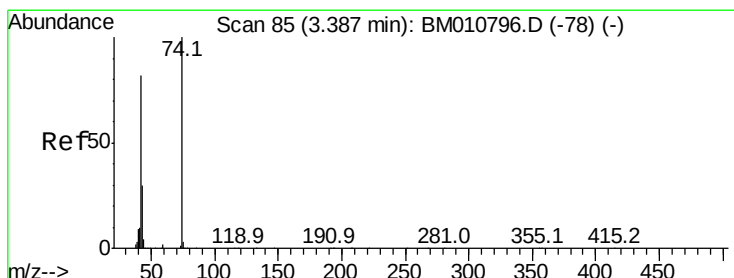
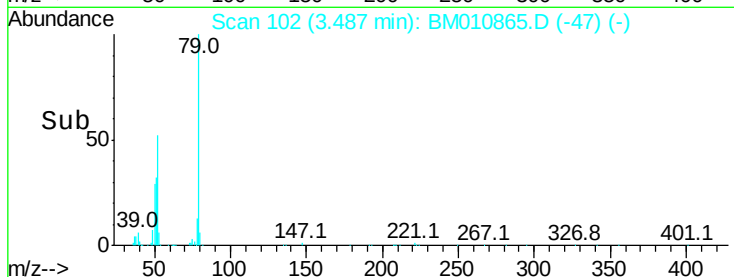
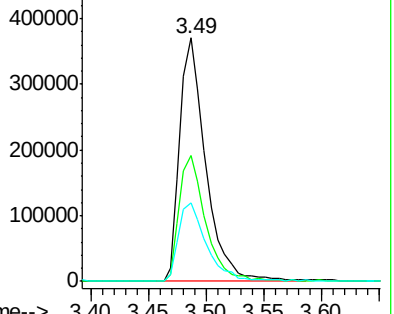
51 32.3 26.1 39.1



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

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

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



#4

n-Nitrosodimethylamine

Concen: 41.385 ng

RT: 3.39 min Scan# 86

Delta R.T. 0.01 min

Lab File: BM010865.D

Acq: 18 Jul 2017 09:31

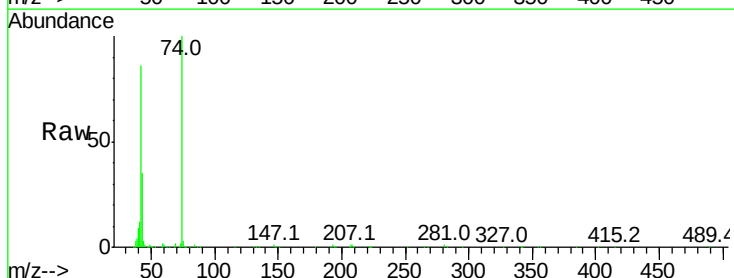
Tgt Ion: 42 Resp: 435224

Ion Ratio Lower Upper

42 100

74 115.7 119.3 178.9#

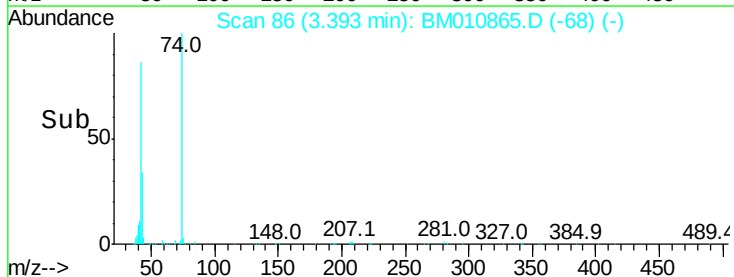
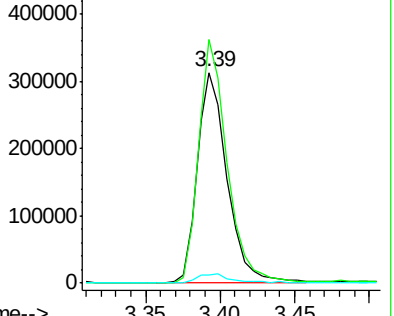
44 4.0 5.4 8.2#

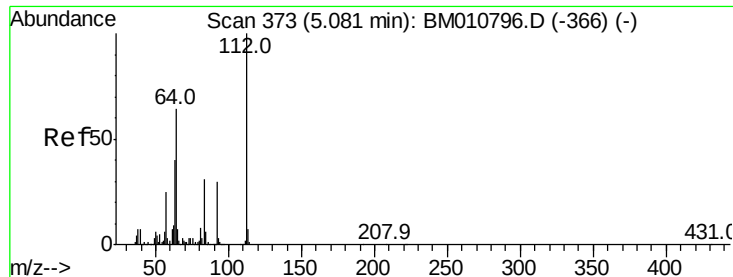


Abundance Ion 42.00 (41.70 to 42.70): BM010796.D (-78) (-)

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

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





#5

2-Fluorophenol

Concen: 146.227 ng

RT: 5.09 min Scan# 375

Delta R.T. 0.01 min

Lab File: BM010865.D

Acq: 18 Jul 2017 09:31

Instrument :

BNA_M

ClientSampleId :

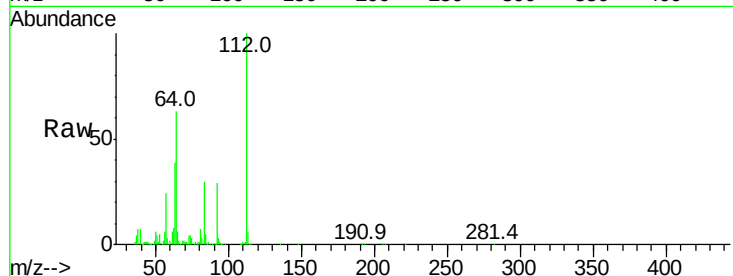
Tot Ion:112 Resp: 2494718

Ion Ratio Lower Upper

112 100

64 62.8 38.6 57.8#

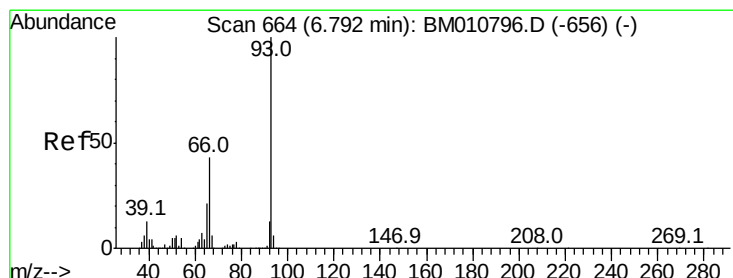
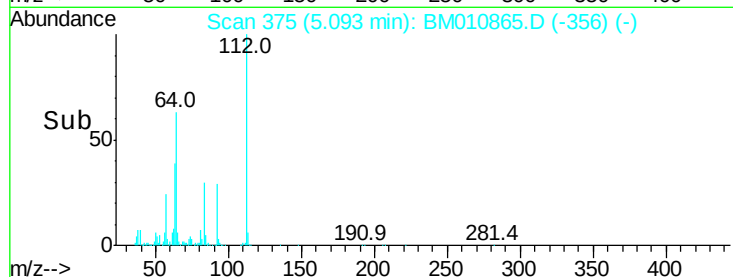
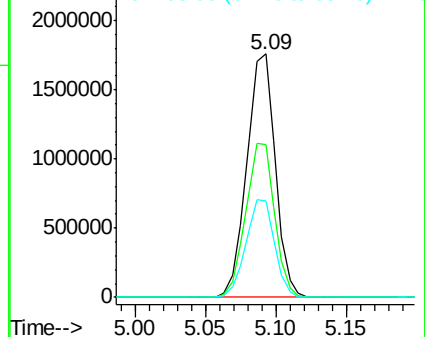
63 39.4 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



#6

Aniline

Concen: 16.441 ng

RT: 6.80 min Scan# 665

Delta R.T. 0.01 min

Lab File: BM010865.D

Acq: 18 Jul 2017 09:31

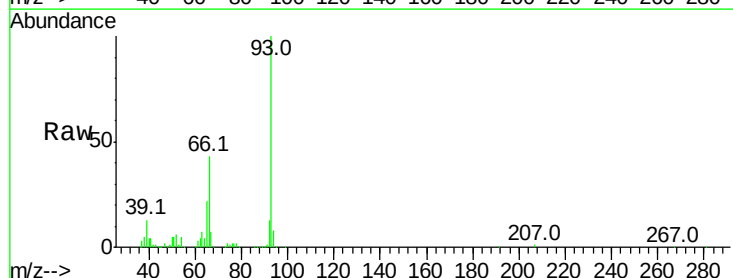
Tgt Ion: 93 Resp: 484389

Ion Ratio Lower Upper

93 100

66 43.1 30.8 46.2

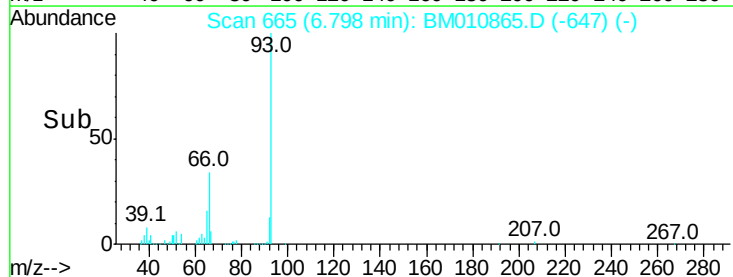
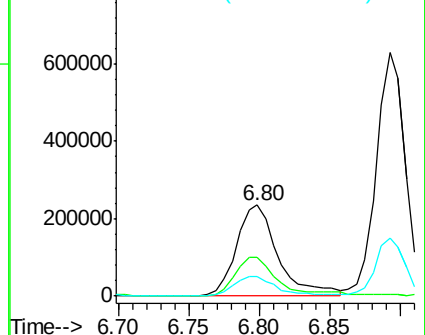
65 22.1 16.0 24.0

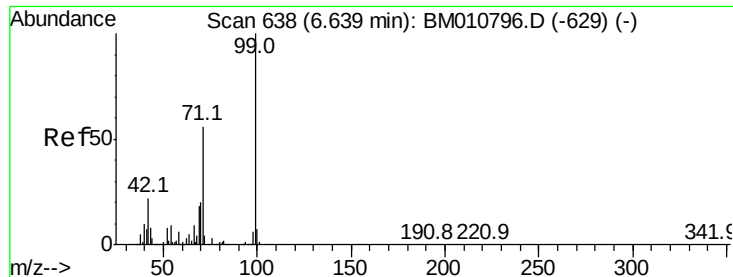


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

Concen: 136.669 ng

RT: 6.65 min Scan# 639

Delta R.T. 0.01 min

Lab File: BM010865.D

Acq: 18 Jul 2017 09:31

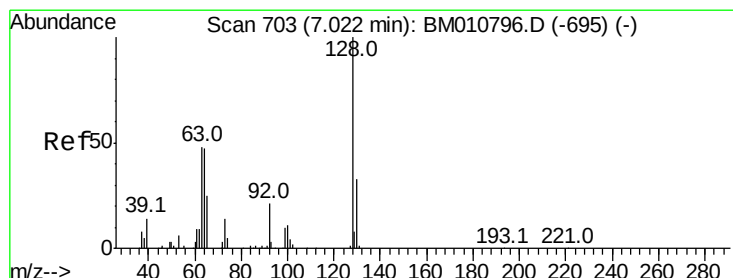
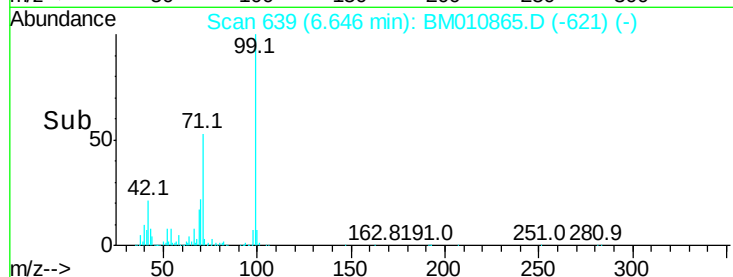
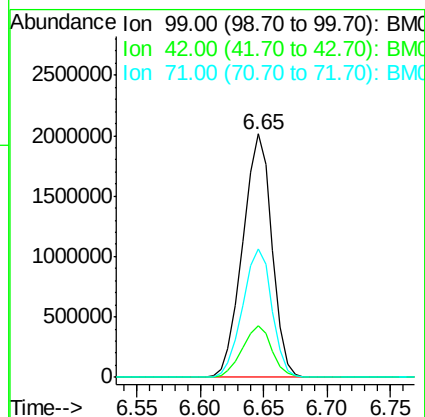
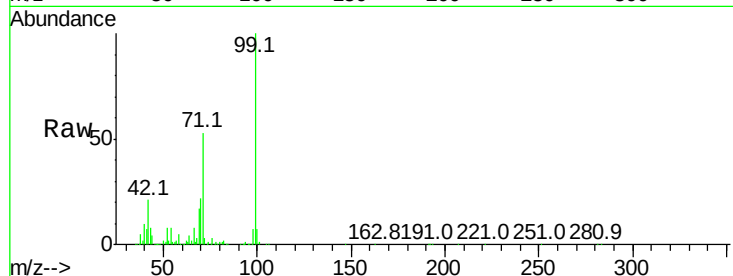
Instrument :

BNA_M

ClientSampled :

Tot Ion: 99 Resp: 3214399

Ion	Ratio	Lower	Upper
99	100		
42	20.9	11.0	16.4#
71	52.5	23.4	35.2#



#8

2-Chlorophenol

Concen: 47.871 ng

RT: 7.02 min Scan# 703

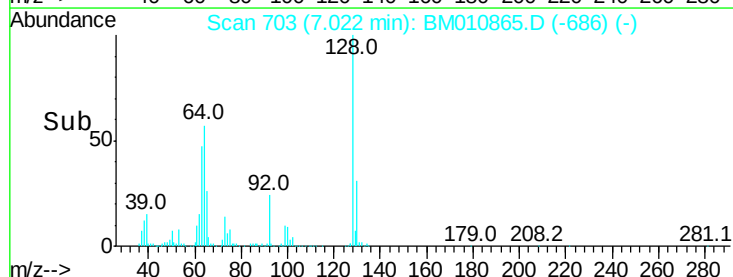
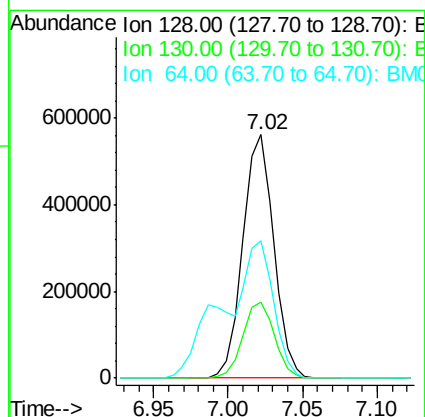
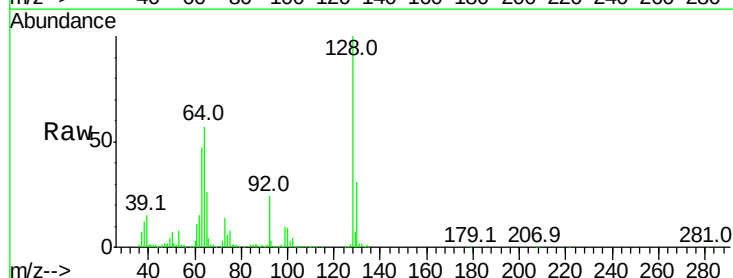
Delta R.T. 0.00 min

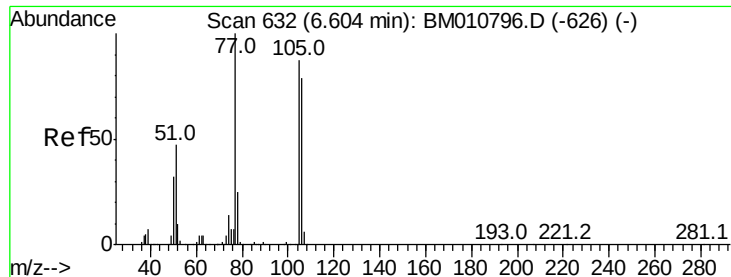
Lab File: BM010865.D

Acq: 18 Jul 2017 09:31

Tgt Ion: 128 Resp: 808608

Ion	Ratio	Lower	Upper
128	100		
130	31.4	12.0	52.0
64	56.7	24.9	64.9





#9

Benzaldehyde

Concen: 6.377 ng

RT: 6.60 min Scan# 632

Delta R.T. 0.00 min

Lab File: BM010865.D

Acq: 18 Jul 2017 09:31

Instrument :

BNA_M

ClientSampleId :

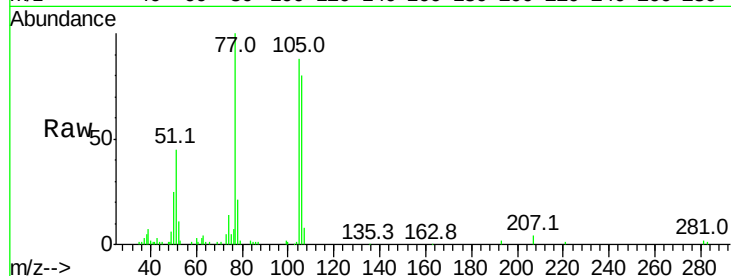
Tot Ion: 77 Resp: 104144

Ion Ratio Lower Upper

77 100

105 87.6 78.8 118.8

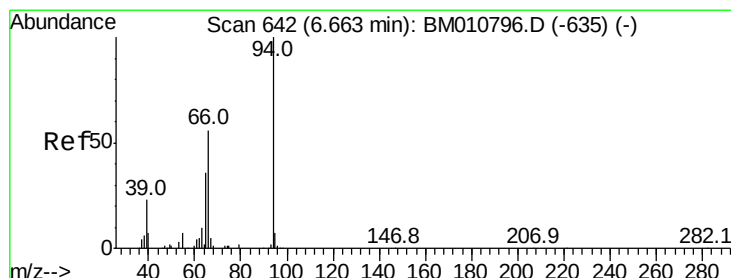
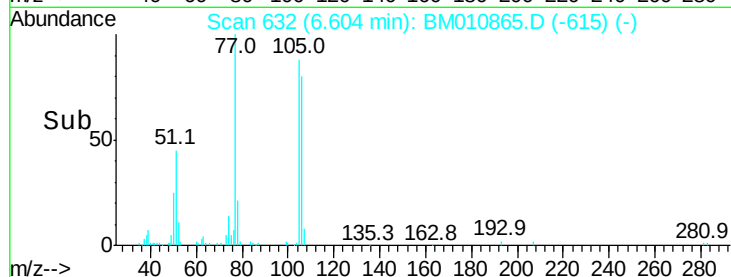
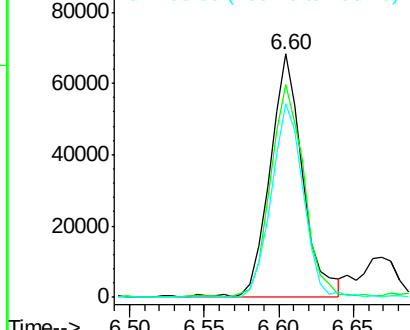
106 79.6 73.7 113.7



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

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

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



#10

Phenol

Concen: 42.945 ng

RT: 6.67 min Scan# 643

Delta R.T. 0.01 min

Lab File: BM010865.D

Acq: 18 Jul 2017 09:31

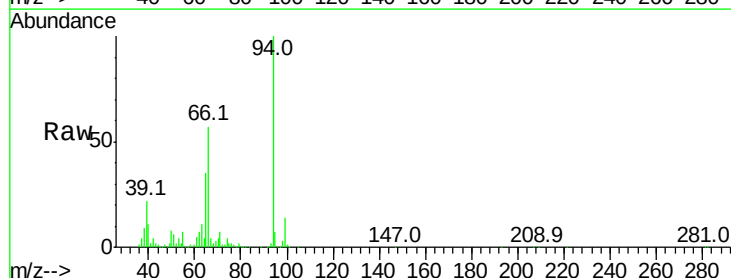
Tgt Ion: 94 Resp: 1067907

Ion Ratio Lower Upper

94 100

65 34.7 18.8 58.8

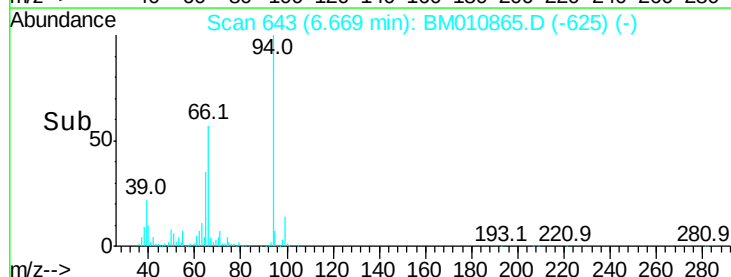
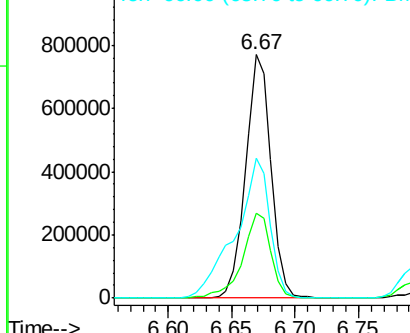
66 57.3 39.9 79.9

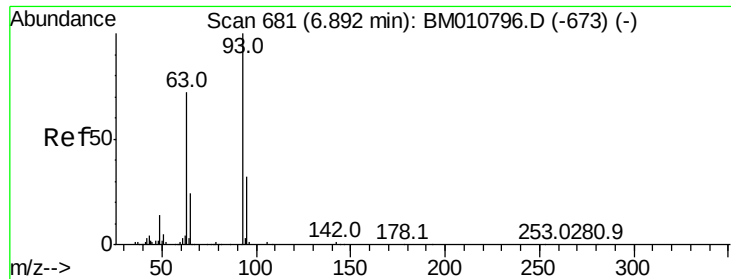


Abundance Ion 94.00 (93.70 to 94.70): BM010796.D (-635) (-)

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

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

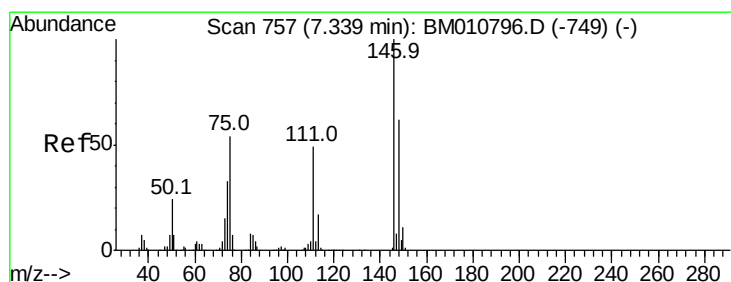
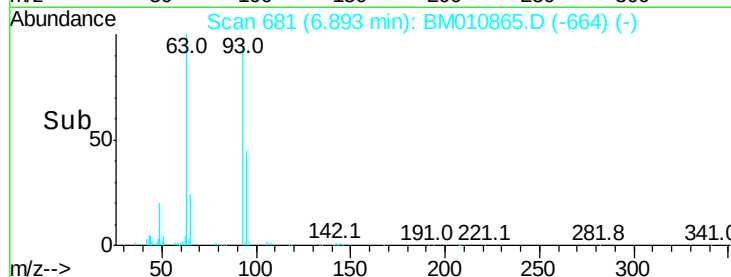
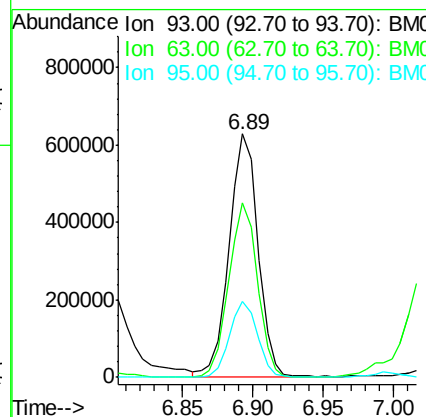
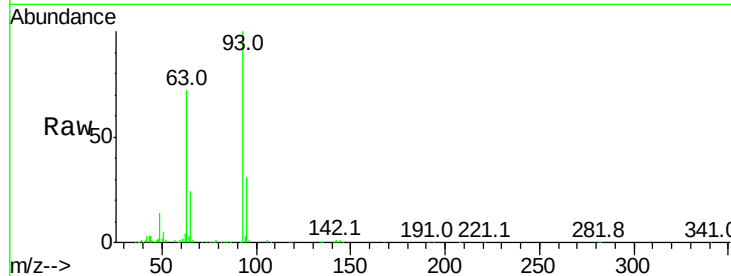




#11
bis(2-Chloroethyl)ether
Concen: 46.404 ng
RT: 6.89 min Scan# 681
Delta R.T. 0.00 min
Lab File: BM010865.D
Acq: 18 Jul 2017 09:31

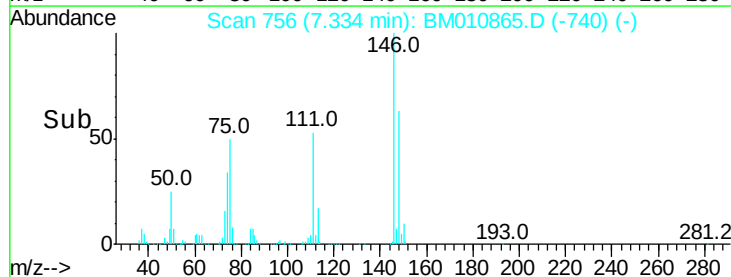
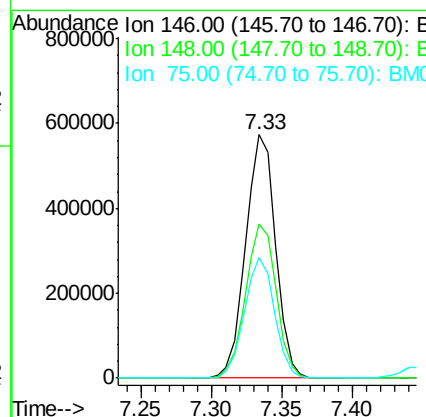
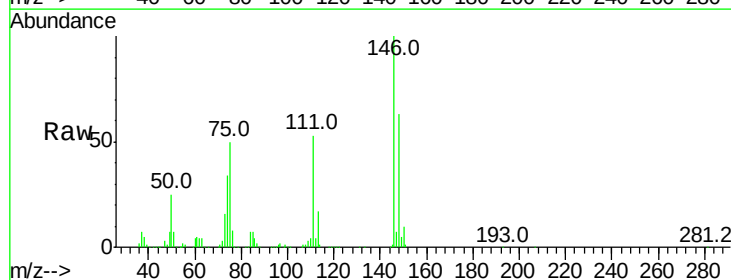
Instrument :
BNA_M
ClientSampleId :

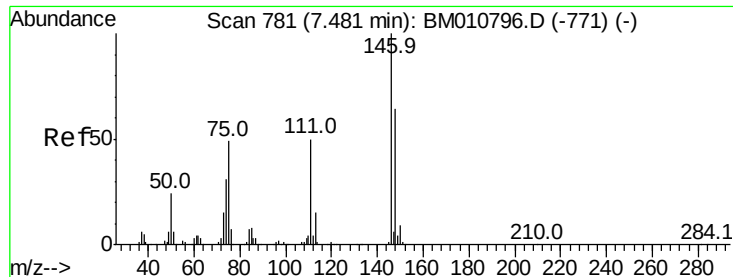
Tot Ion	Ratio	Lower	Upper
93	100		
63	71.5	49.5	89.5
95	31.2	13.5	53.5



#12
1,3-Dichlorobenzene
Concen: 40.872 ng
RT: 7.33 min Scan# 756
Delta R.T. -0.01 min
Lab File: BM010865.D
Acq: 18 Jul 2017 09:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.9	76.3
75	49.7	21.4	32.2

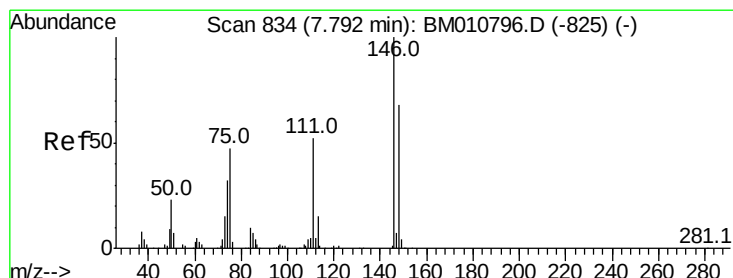
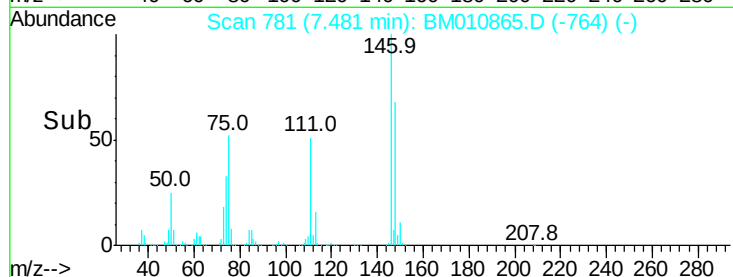
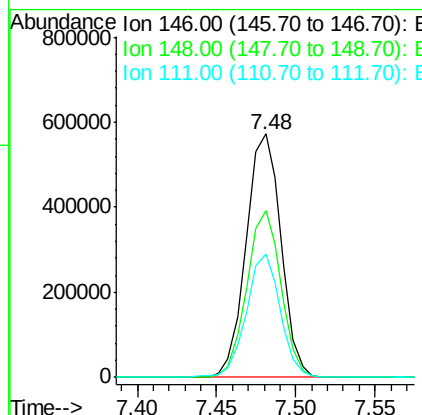
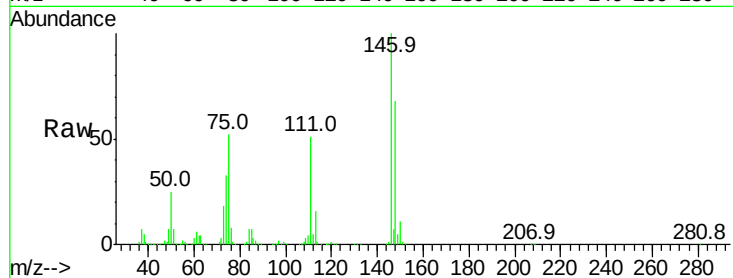




#13
 1,4-Dichlorobenzene
 Concen: 40.623 ng
 RT: 7.48 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: BM010865.D
 Acq: 18 Jul 2017 09:31

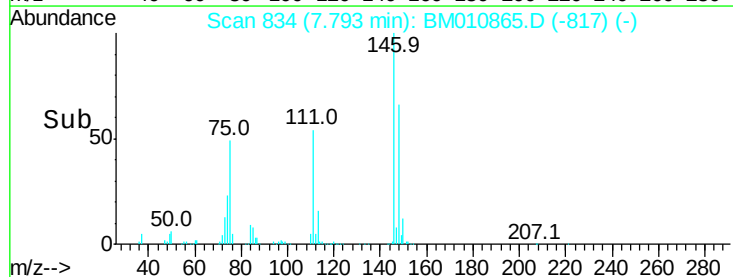
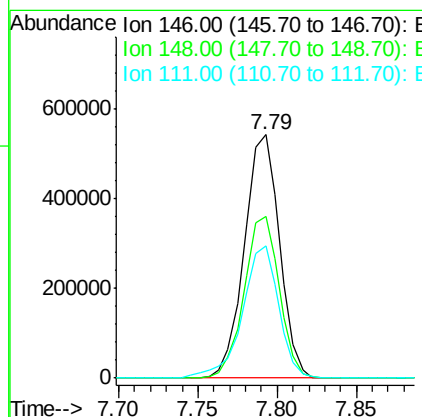
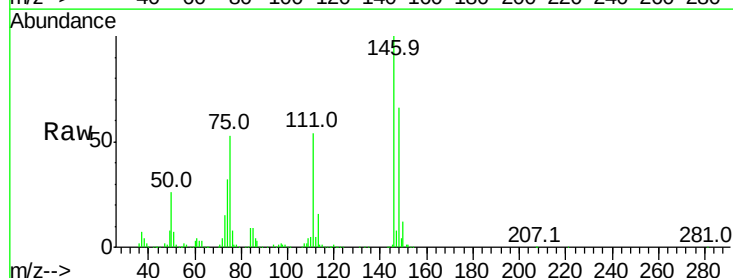
Instrument :
 BNA_M
 ClientSampleId :

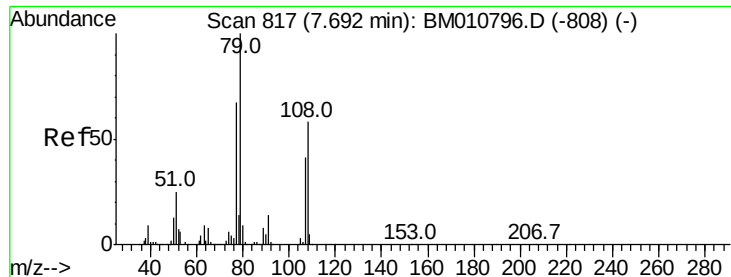
Tot Ion	Ratio	Lower	Upper
146	100		
148	68.4	51.9	77.9
111	50.8	29.2	43.8#



#14
 1,2-Dichlorobenzene
 Concen: 40.774 ng
 RT: 7.79 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BM010865.D
 Acq: 18 Jul 2017 09:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.4	52.3	78.5
111	54.2	30.6	45.8#





#15

Benzyl Alcohol

Concen: 48.698 ng

RT: 7.69 min Scan# 817

Delta R.T. 0.00 min

Lab File: BM010865.D

Acq: 18 Jul 2017 09:31

Instrument :

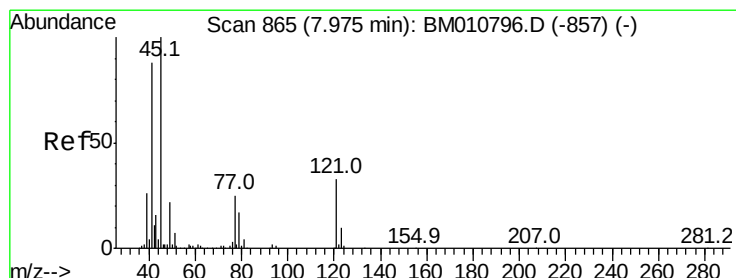
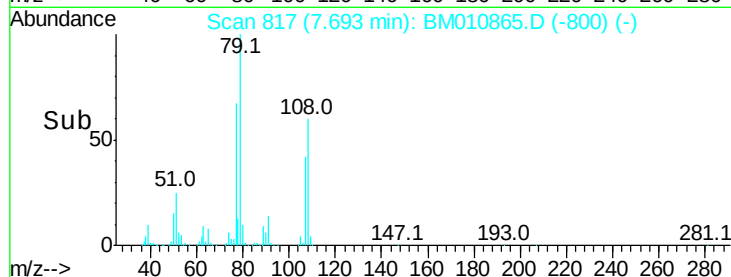
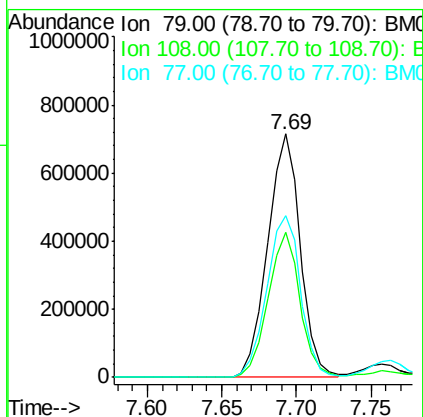
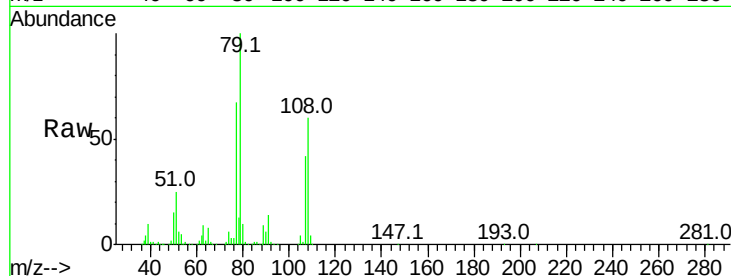
BNA_M

ClientSampled :

Tot Ion: 79 Resp: 1084550

Ion Ratio Lower Upper

79	100		
108	59.8	65.0	97.4#
77	66.6	53.0	79.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 47.116 ng

RT: 7.97 min Scan# 864

Delta R.T. -0.01 min

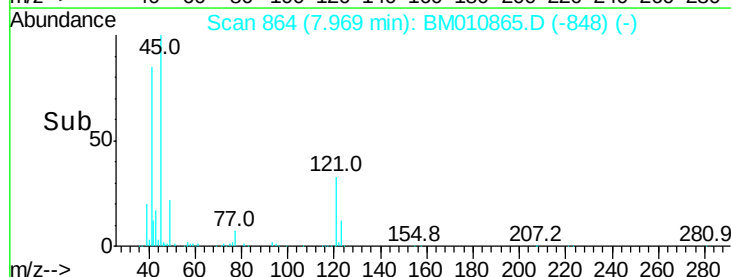
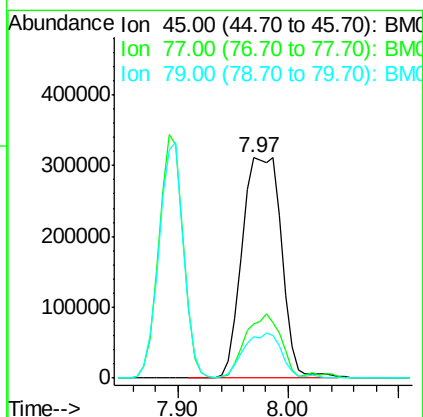
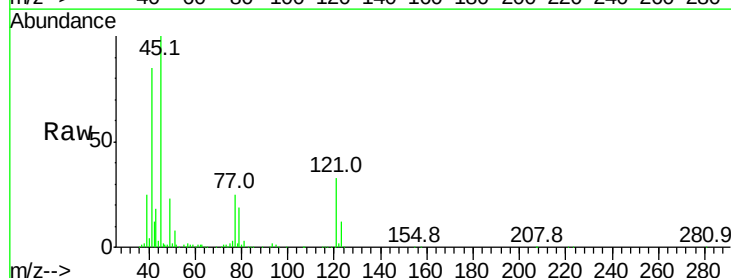
Lab File: BM010865.D

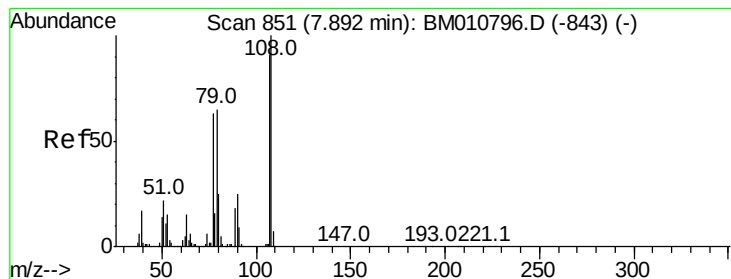
Acq: 18 Jul 2017 09:31

Tgt Ion: 45 Resp: 782332

Ion Ratio Lower Upper

45	100		
77	24.9	0.0	35.2
79	18.6	0.0	32.0

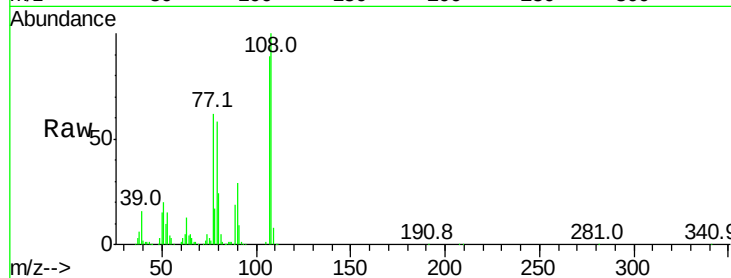




#17
2-Methylphenol
Concen: 48.389 ng
RT: 7.89 min Scan# 851
Delta R.T. 0.00 min
Lab File: BM010865.D
Acq: 18 Jul 2017 09:31

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.1	89.8	134.8
77	69.2	32.6	48.8
79	64.8	32.8	49.2



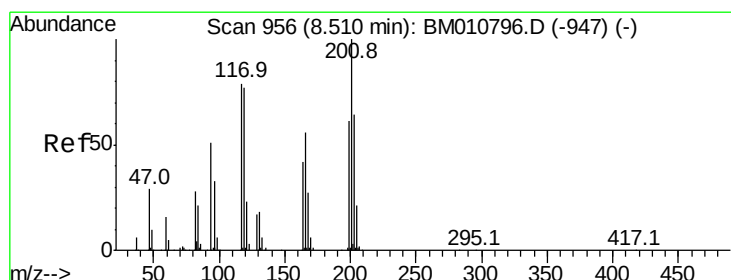
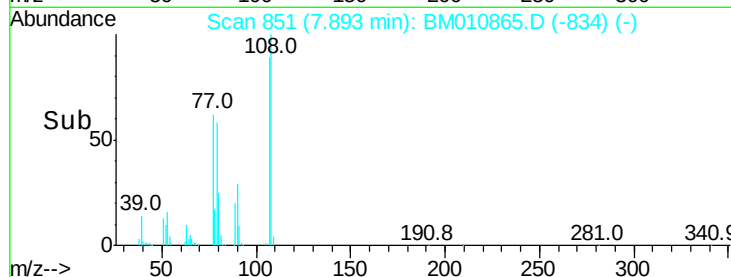
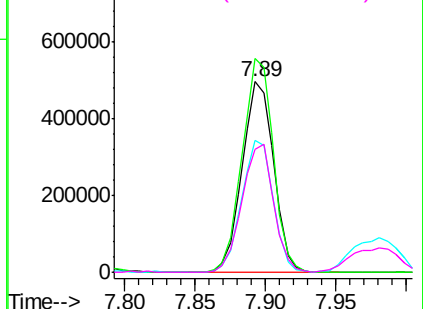
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

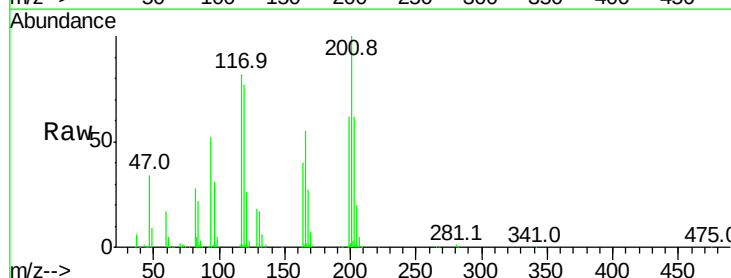
Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18
Hexachloroethane
Concen: 40.979 ng
RT: 8.50 min Scan# 956
Delta R.T. -0.01 min
Lab File: BM010865.D
Acq: 18 Jul 2017 09:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.6	79.2	118.8
201	121.8	69.8	104.6

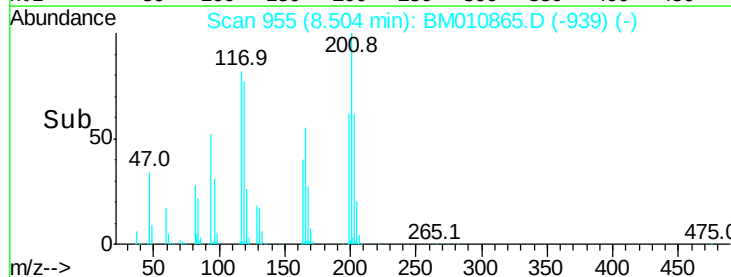
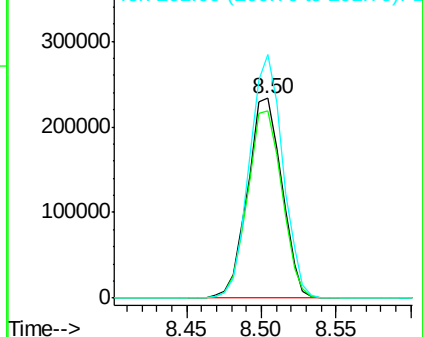


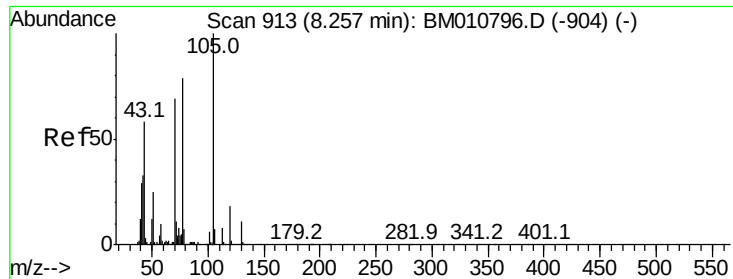
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

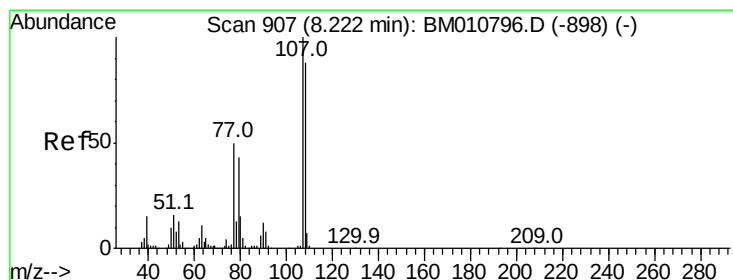
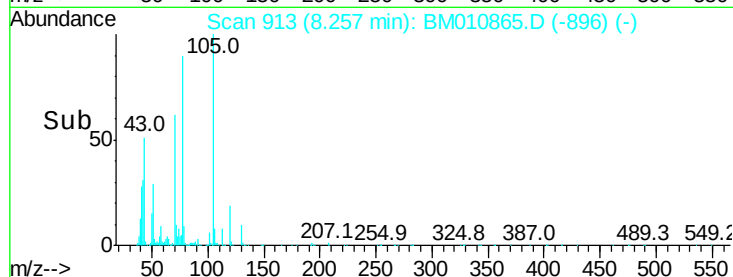
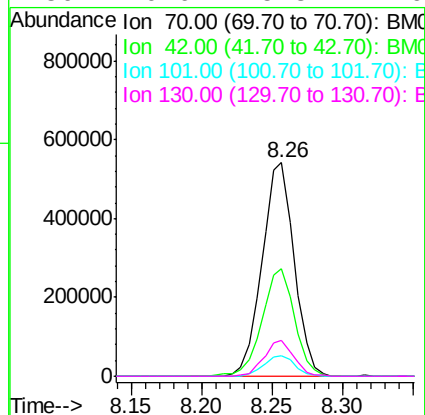
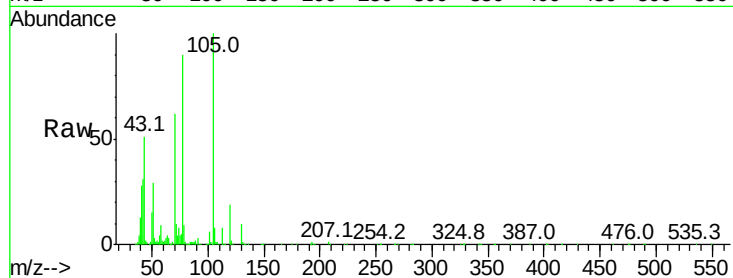




#19
n-Nitroso-di-n-propylamine
Concen: 46.480 ng
RT: 8.26 min Scan# 913
Delta R.T. 0.00 min
Lab File: BM010865.D
Acq: 18 Jul 2017 09:31

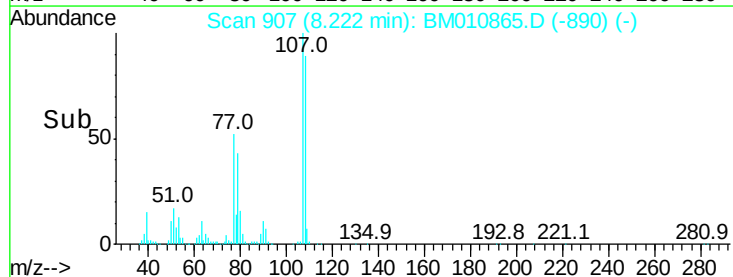
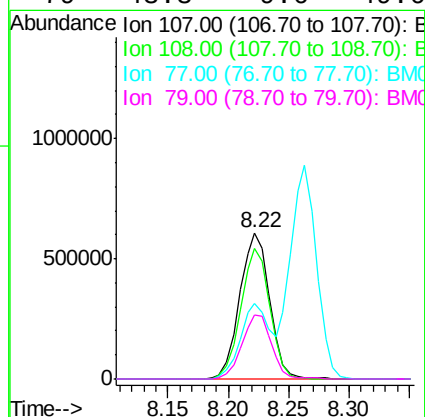
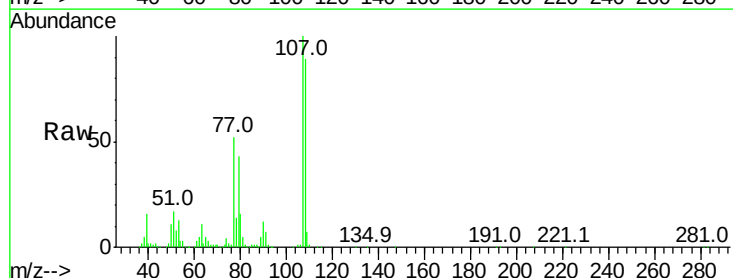
Instrument :
BNA_M
ClientSampleId :

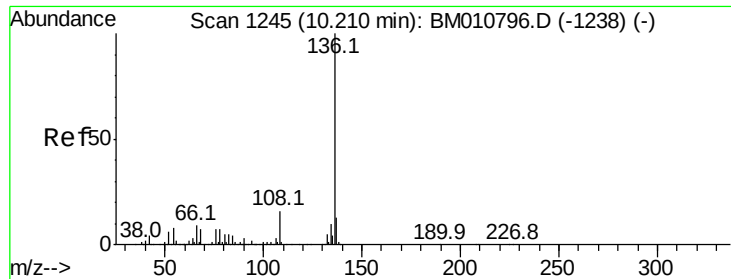
Tot Ion:	70	Resp:	865956
Ion	Ratio	Lower	Upper
70	100		
42	50.4	44.5	66.7
101	9.7	7.4	11.2
130	16.6	15.3	22.9



#20
3+4-Methylphenols
Concen: 46.862 ng
RT: 8.22 min Scan# 907
Delta R.T. 0.00 min
Lab File: BM010865.D
Acq: 18 Jul 2017 09:31

Tgt Ion:	107	Resp:	1047070
Ion	Ratio	Lower	Upper
107	100		
108	88.8	73.2	113.2
77	51.9	10.7	50.7#
79	43.3	9.6	49.6

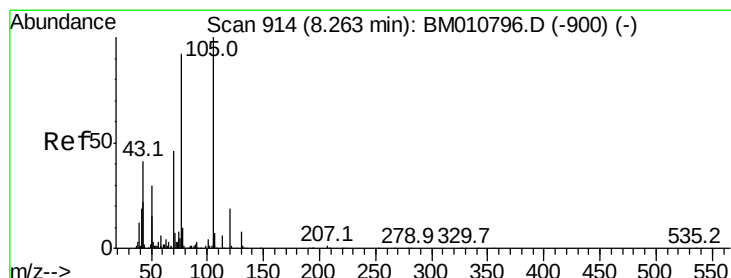
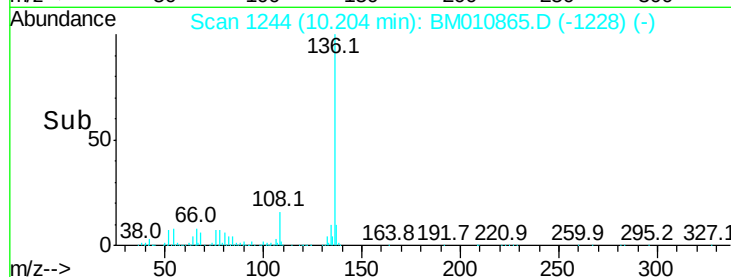
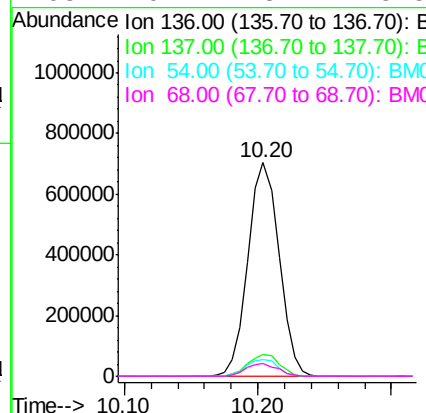
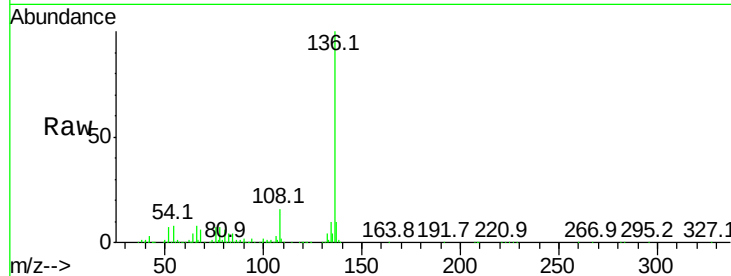




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.20 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BM010865.D
Acq: 18 Jul 2017 09:31

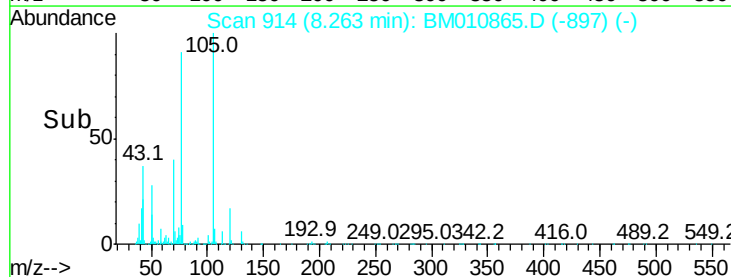
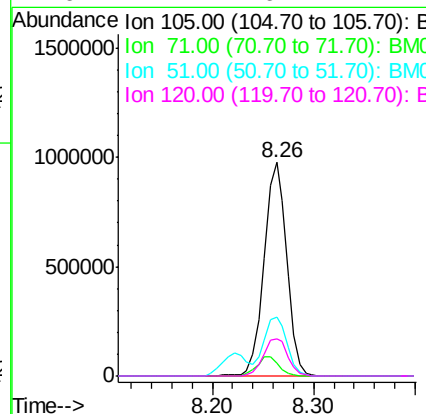
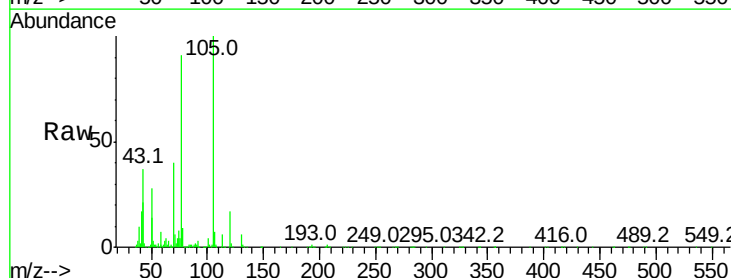
Instrument :
BNA_M
ClientSampleId :

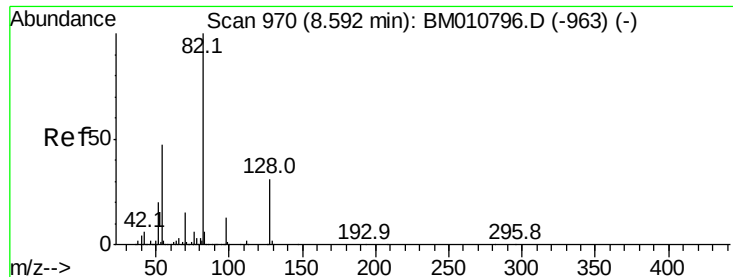
Tot Ion:136 Resp: 1130098
Ion Ratio Lower Upper
136 100
137 10.0 8.7 13.1
54 7.7 4.6 6.8#
68 6.1 3.7 5.5#



#22
Acetophenone
Concen: 44.926 ng
RT: 8.26 min Scan# 914
Delta R.T. 0.00 min
Lab File: BM010865.D
Acq: 18 Jul 2017 09:31

Tgt Ion:105 Resp: 1528676
Ion Ratio Lower Upper
105 100
71 6.0 0.6 1.0#
51 27.6 21.6 32.4
120 17.4 16.1 24.1

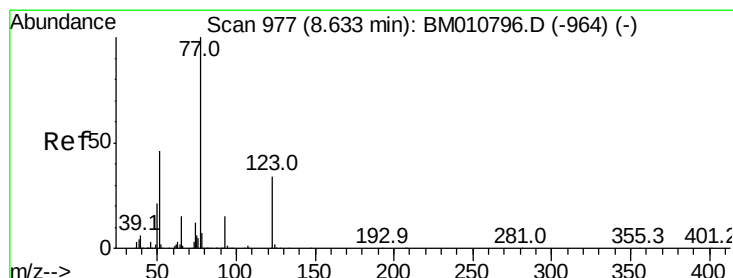
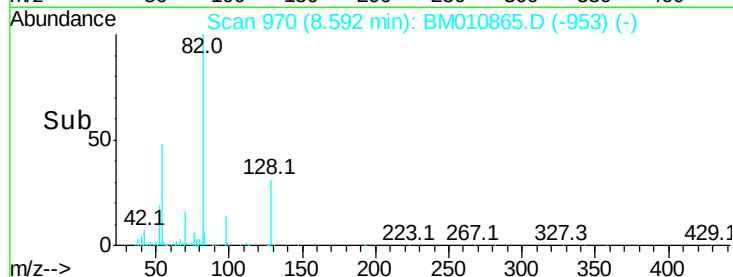
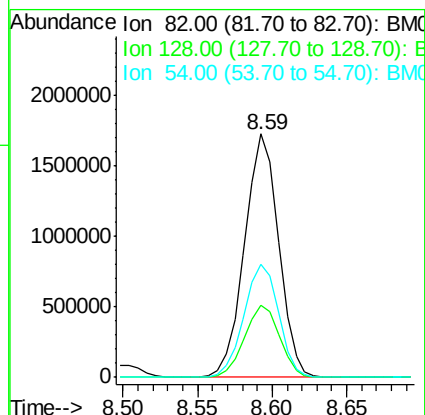
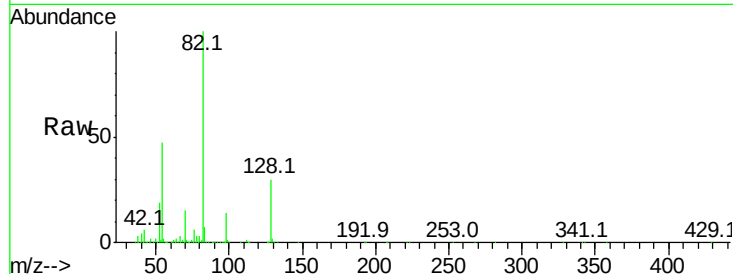




#23
Nitrobenzene-d5
Concen: 92.976 ng
RT: 8.59 min Scan# 970
Delta R.T. 0.00 min
Lab File: BM010865.D
Acq: 18 Jul 2017 09:31

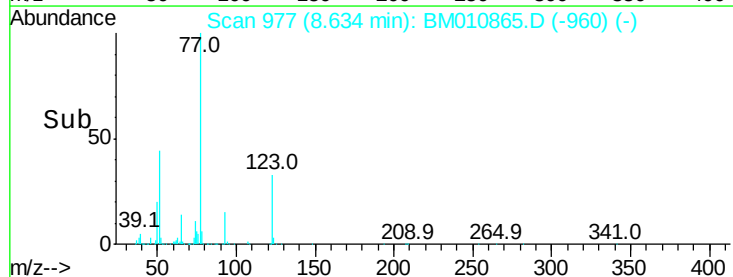
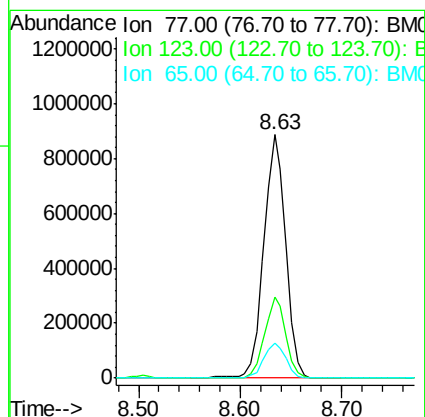
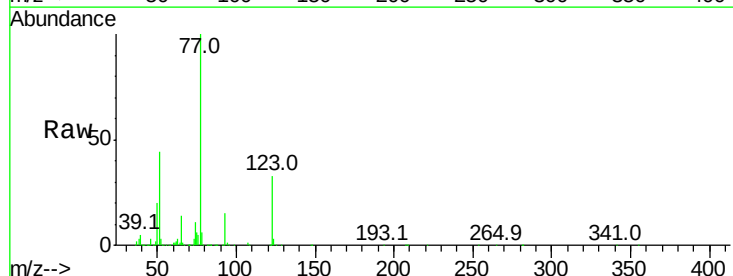
Instrument :
BNA_M
ClientSampleId :

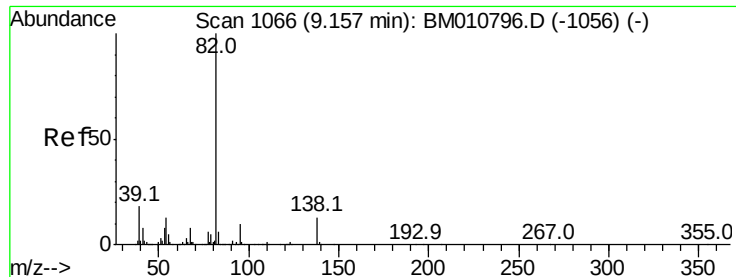
Tot Ion: 82 Resp: 2733574
Ion Ratio Lower Upper
82 100
128 29.6 32.8 49.2#
54 46.6 40.6 60.8



#24
Nitrobenzene
Concen: 44.327 ng
RT: 8.63 min Scan# 977
Delta R.T. 0.00 min
Lab File: BM010865.D
Acq: 18 Jul 2017 09:31

Tgt Ion: 77 Resp: 1335628
Ion Ratio Lower Upper
77 100
123 33.3 32.6 49.0
65 14.4 10.9 16.3





#25

Isophorone

Concen: 47.168 ng

RT: 9.16 min Scan# 1066

Delta R.T. 0.00 min

Lab File: BM010865.D

Acq: 18 Jul 2017 09:31

Instrument :

BNA_M

ClientSampleId :

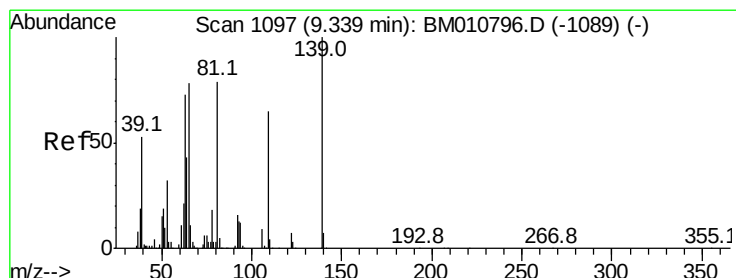
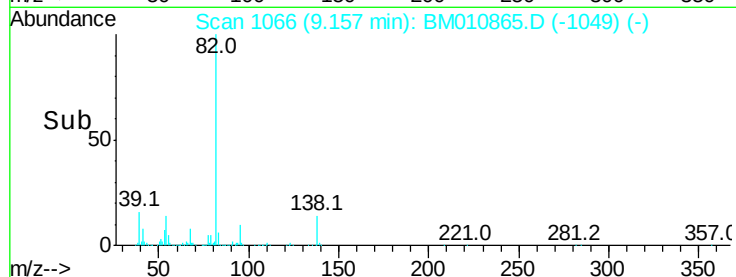
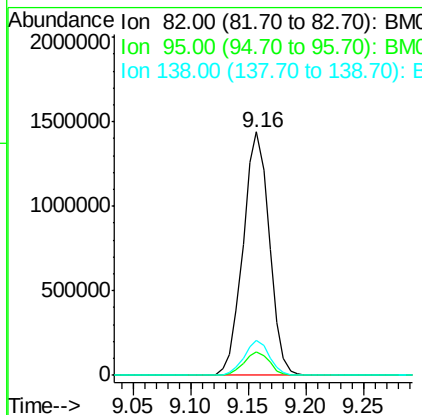
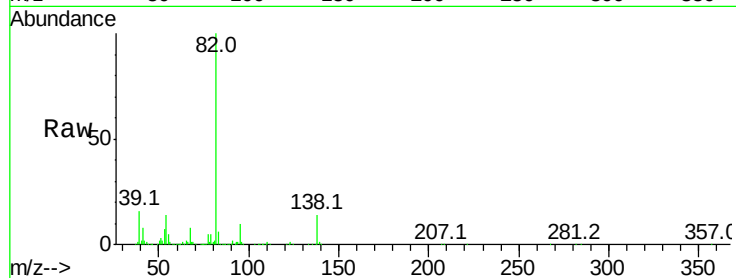
Tot Ion: 82 Resp: 2271864

Ion Ratio Lower Upper

82 100

95 9.7 5.8 8.6#

138 14.2 16.3 24.5#



#26

2-Nitrophenol

Concen: 46.932 ng

RT: 9.33 min Scan# 1096

Delta R.T. -0.01 min

Lab File: BM010865.D

Acq: 18 Jul 2017 09:31

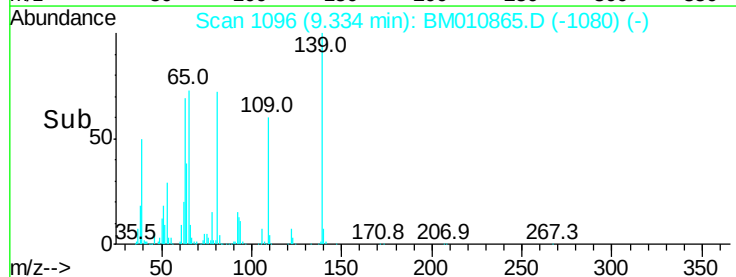
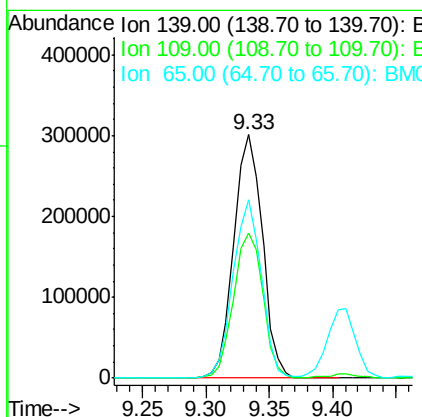
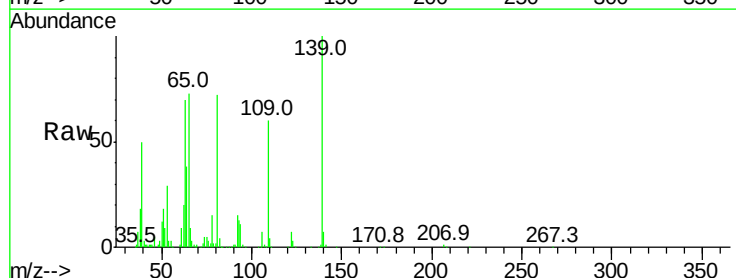
Tgt Ion: 139 Resp: 470562

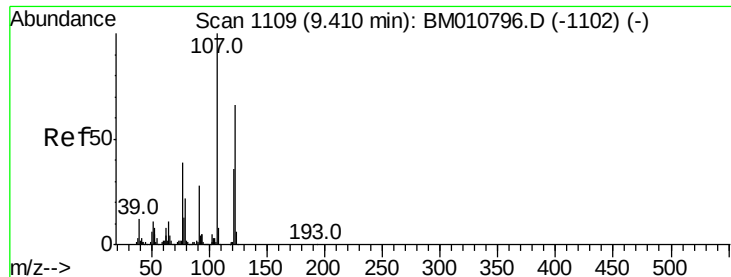
Ion Ratio Lower Upper

139 100

109 59.8 20.1 30.1#

65 73.4 31.5 47.3#





#27

2,4-Dimethylphenol

Concen: 45.575 ng

RT: 9.41 min Scan# 1109

Delta R.T. 0.00 min

Lab File: BM010865.D

Acq: 18 Jul 2017 09:31

Instrument :

BNA_M

ClientSampled :

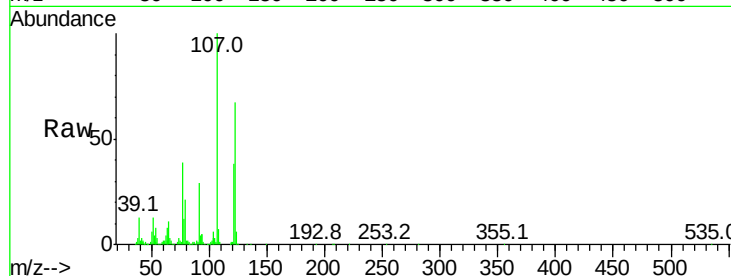
Tot Ion:122 Resp: 815562

Ion Ratio Lower Upper

122 100

107 150.3 84.7 127.1#

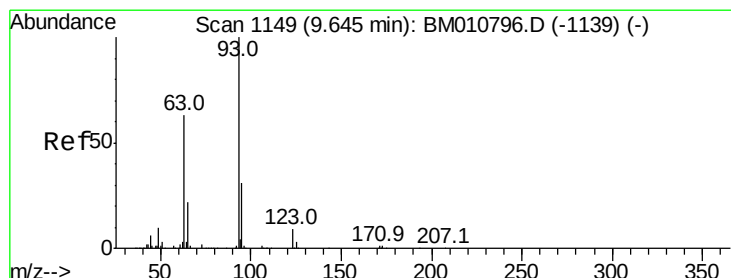
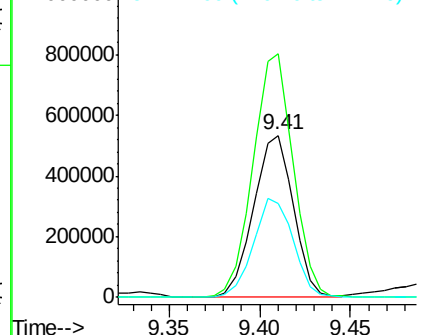
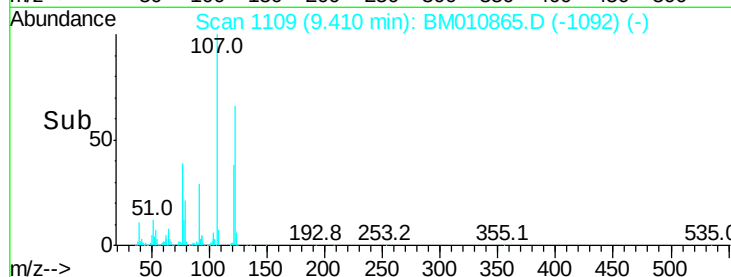
121 57.7 46.6 69.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 46.672 ng

RT: 9.64 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BM010865.D

Acq: 18 Jul 2017 09:31

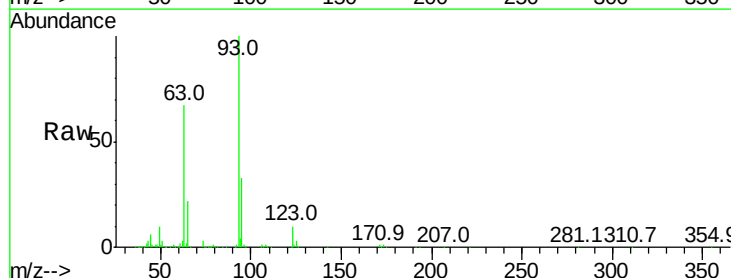
Tgt Ion: 93 Resp: 1260146

Ion Ratio Lower Upper

93 100

95 32.8 25.5 38.3

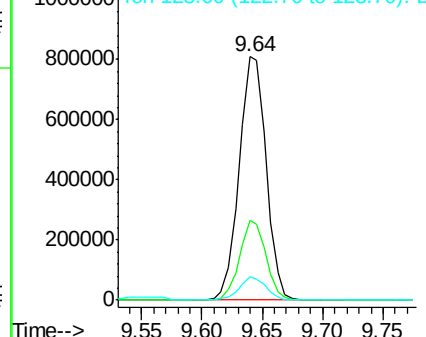
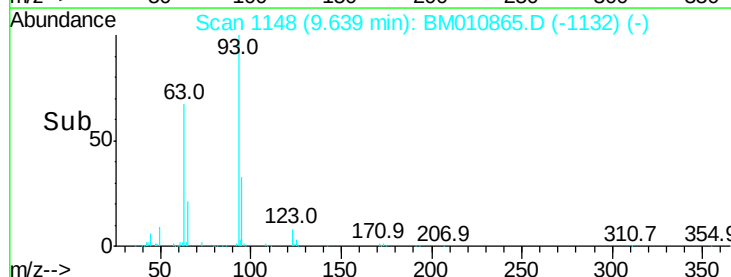
123 9.6 8.6 13.0

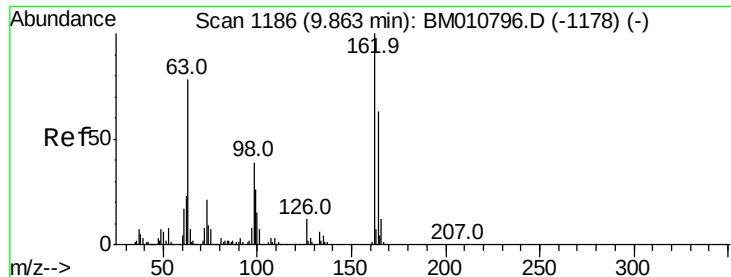


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

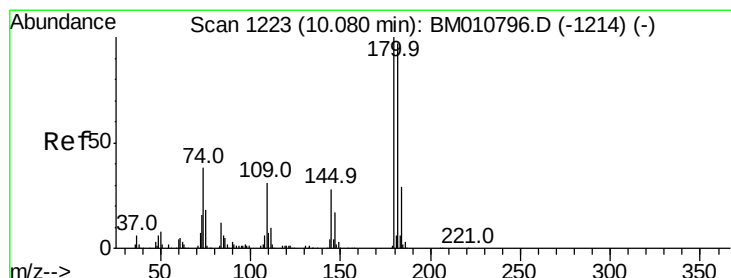
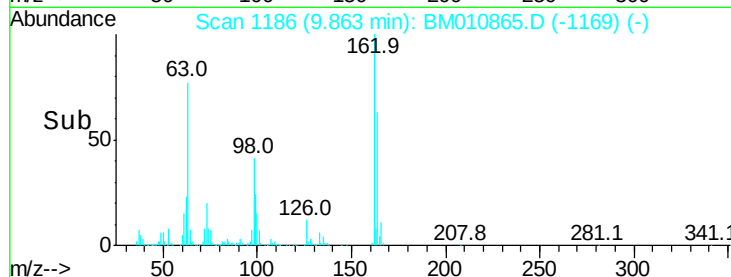
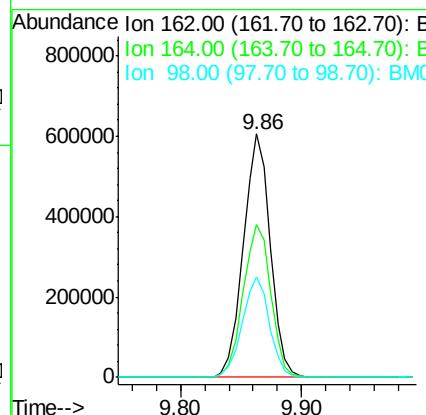
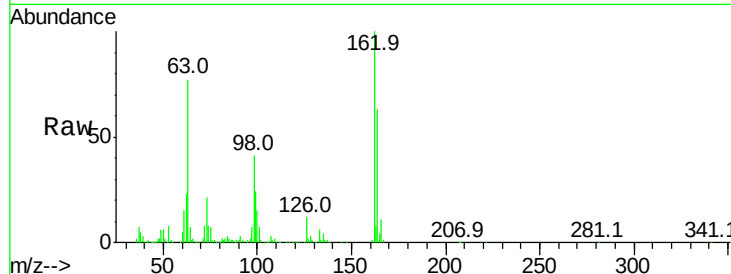




#29
 2,4-Dichlorophenol
 Concen: 46.612 ng
 RT: 9.86 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BM010865.D
 Acq: 18 Jul 2017 09:31

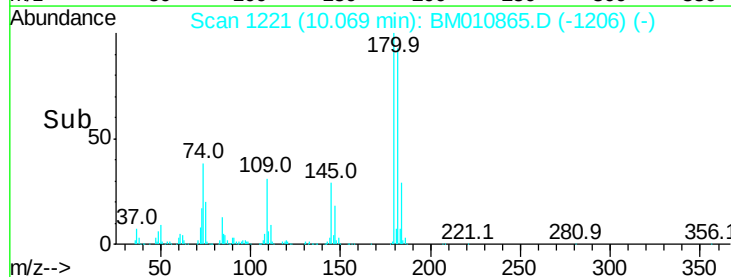
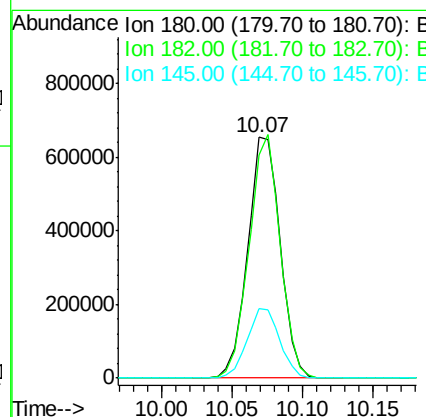
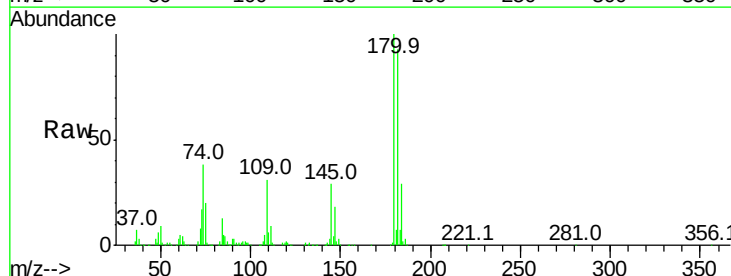
Instrument :
 BNA_M
 ClientSampleId :

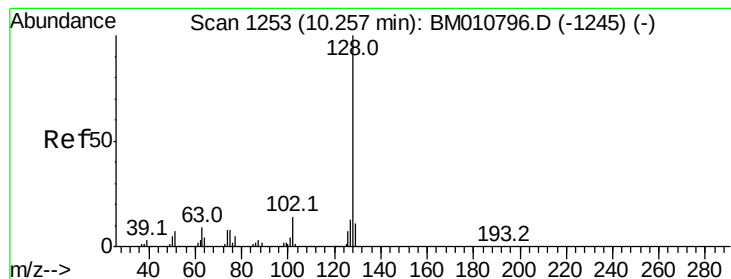
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.7	42.8	82.8
98	41.1	14.5	54.5



#30
 1,2,4-Trichlorobenzene
 Concen: 42.747 ng
 RT: 10.07 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BM010865.D
 Acq: 18 Jul 2017 09:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.5	77.6	116.4
145	28.6	23.4	35.2





#31

Naphthalene

Concen: 44.968 ng

RT: 10.26 min Scan# 1253

Delta R.T. 0.00 min

Lab File: BM010865.D

Acq: 18 Jul 2017 09:31

Instrument :

BNA_M

ClientSampleId :

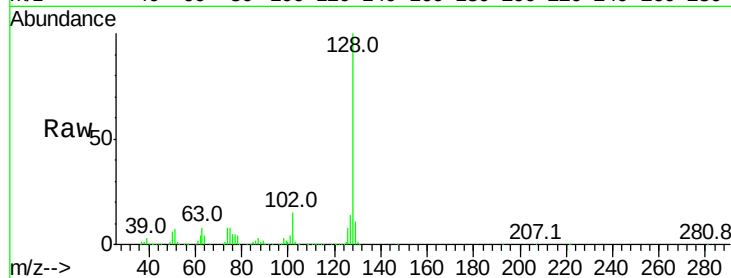
Tot Ion:128 Resp: 2583953

Ion Ratio Lower Upper

128 100

129 10.7 8.9 13.3

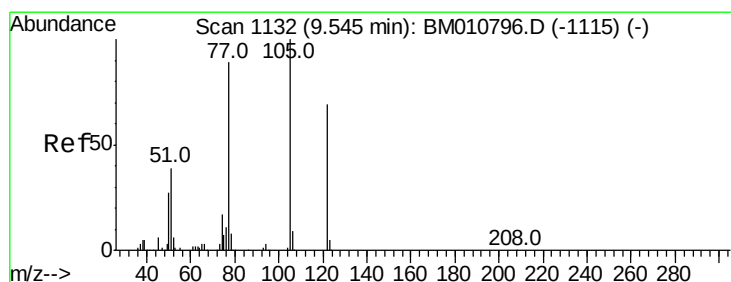
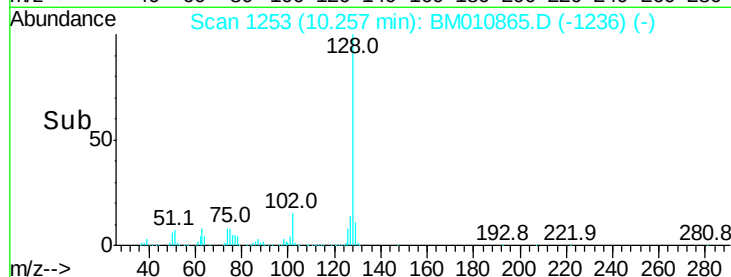
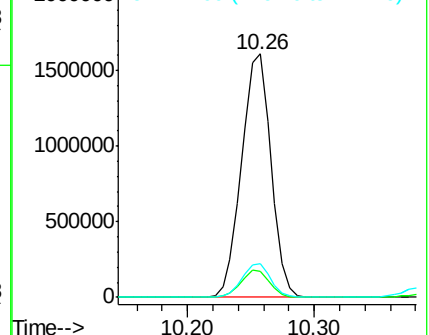
127 13.9 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.153 ng

RT: 9.56 min Scan# 1135

Delta R.T. 0.02 min

Lab File: BM010865.D

Acq: 18 Jul 2017 09:31

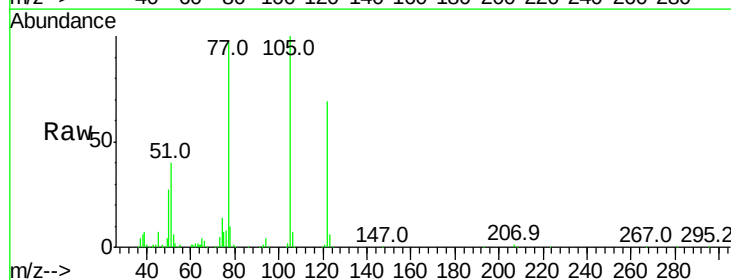
Tgt Ion:122 Resp: 549730

Ion Ratio Lower Upper

122 100

105 145.8 99.9 139.9#

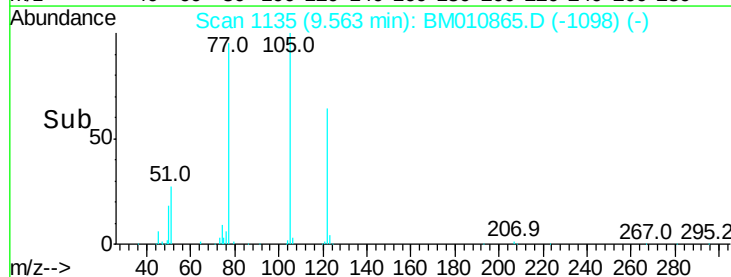
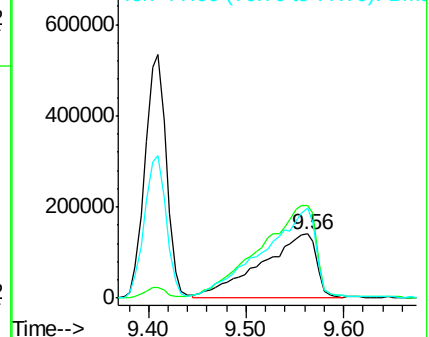
77 141.7 73.7 113.7#

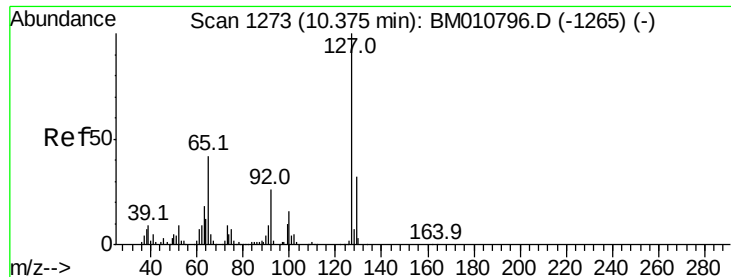


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

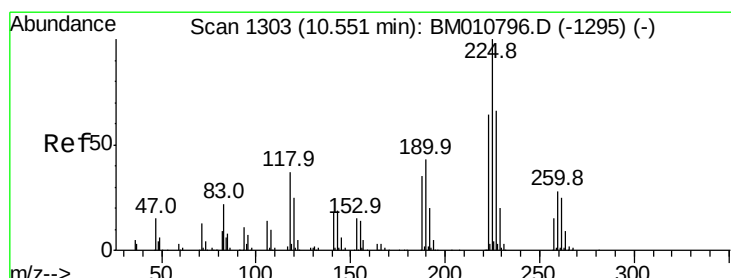
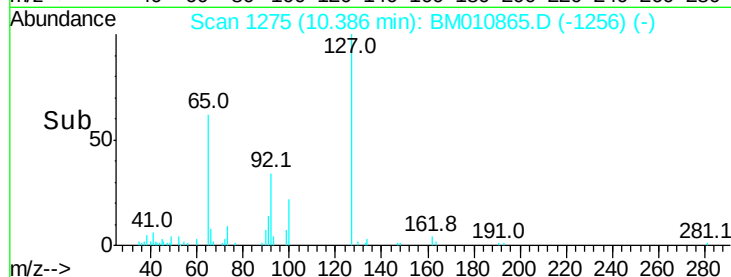
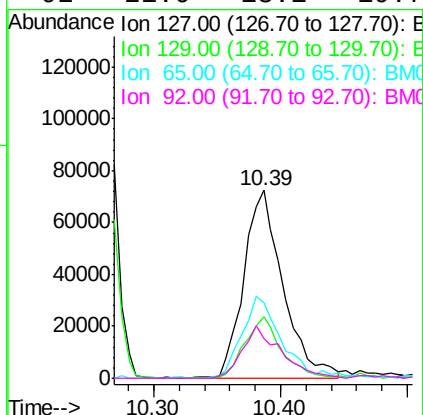
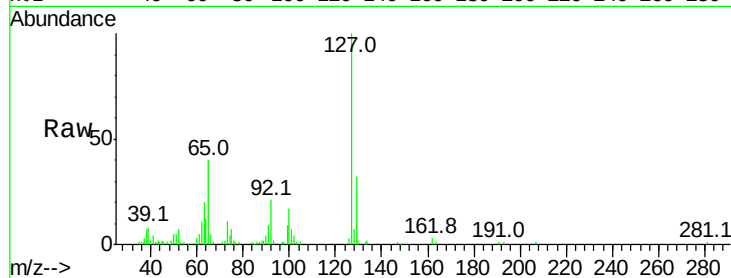




#33
4-Chloroaniline
Concen: 6.730 ng
RT: 10.39 min Scan# 1275
Delta R.T. 0.01 min
Lab File: BM010865.D
Acq: 18 Jul 2017 09:31

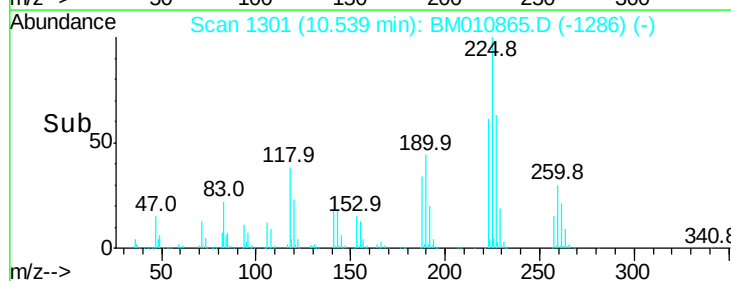
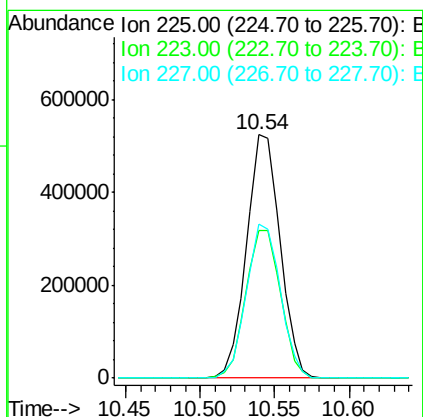
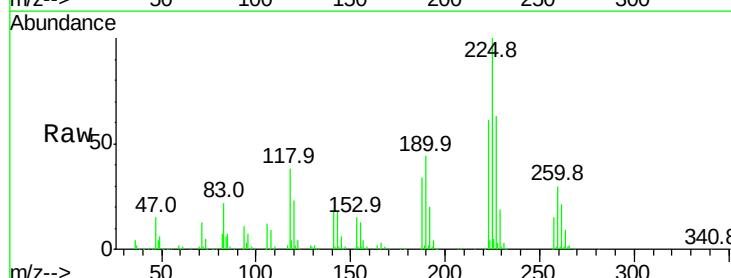
Instrument :
BNA_M
ClientSampleId :

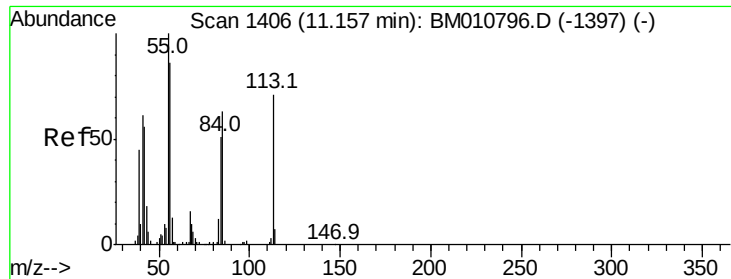
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.3	37.9
65	40.1	17.6	26.4
92	21.0	13.1	19.7



#34
Hexachlorobutadiene
Concen: 42.559 ng
RT: 10.54 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BM010865.D
Acq: 18 Jul 2017 09:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.8	47.9	71.9
227	63.2	50.1	75.1

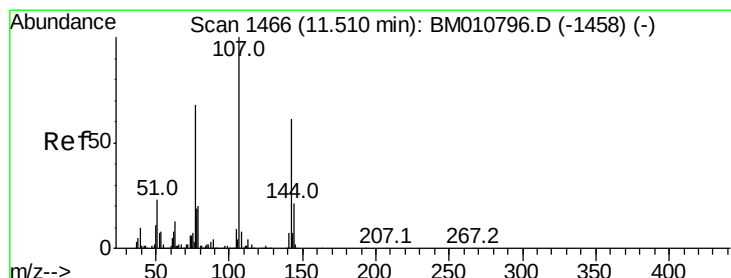
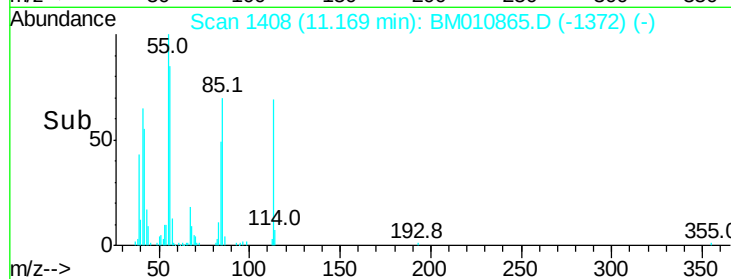
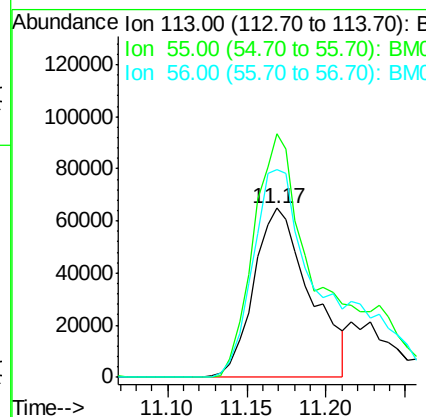
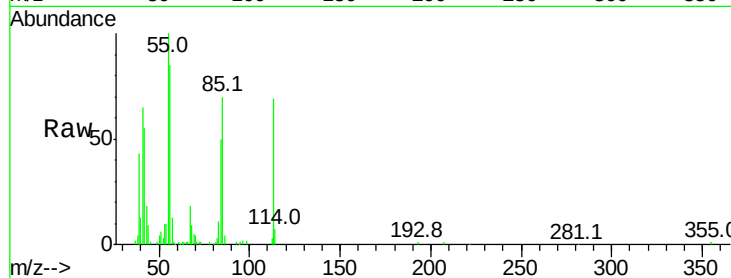




#35
 Caprolactam
 Concen: 29.733 ng
 RT: 11.17 min Scan# 1408
 Delta R.T. 0.01 min
 Lab File: BM010865.D
 Acq: 18 Jul 2017 09:31

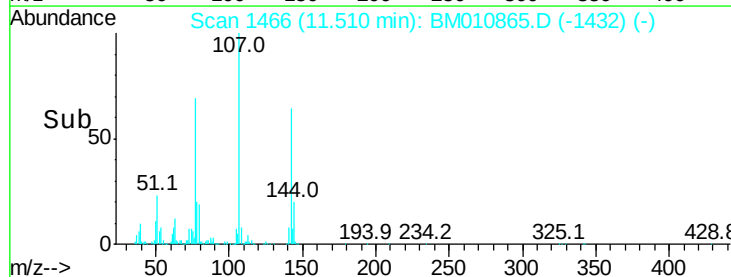
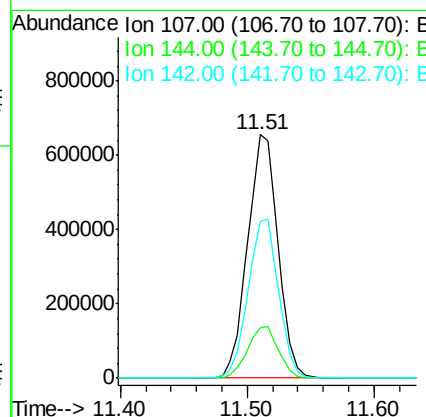
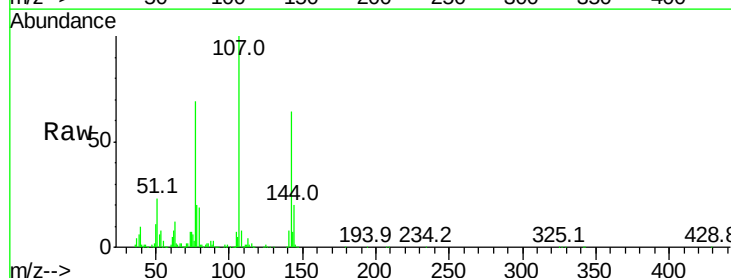
Instrument :
 BNA_M
 ClientSampleId :

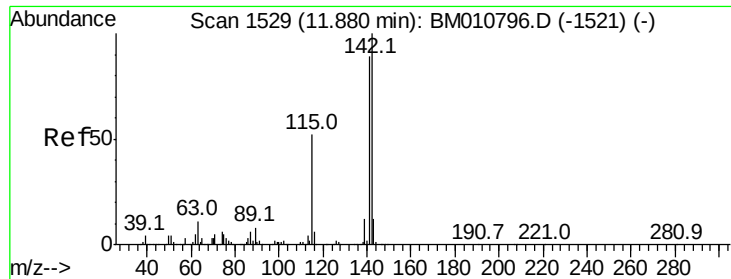
Tot Ion:113 Resp: 160019
 Ion Ratio Lower Upper
 113 100
 55 144.2 145.9 185.9#
 56 123.2 101.0 141.0



#36
 4-Chloro-3-methylphenol
 Concen: 44.796 ng
 RT: 11.51 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BM010865.D
 Acq: 18 Jul 2017 09:31

Tgt Ion:107 Resp: 1095361
 Ion Ratio Lower Upper
 107 100
 144 20.5 23.3 34.9#
 142 64.3 72.6 109.0#

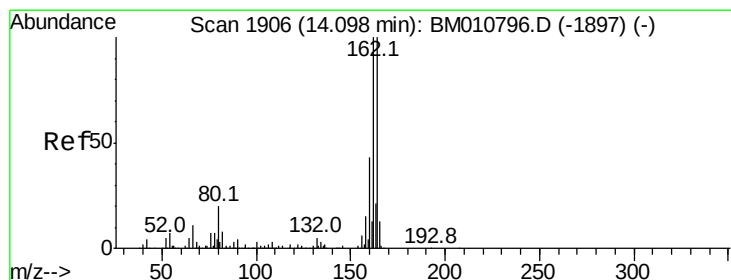
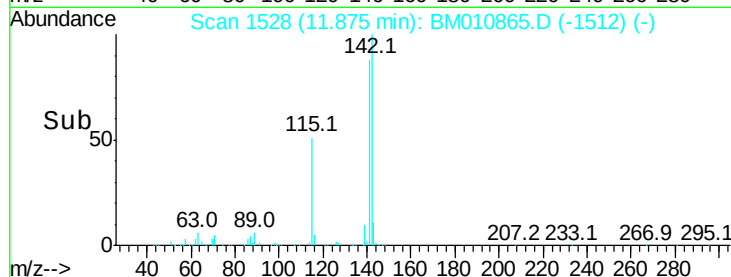
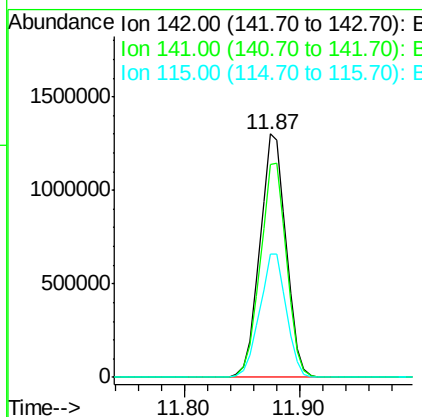
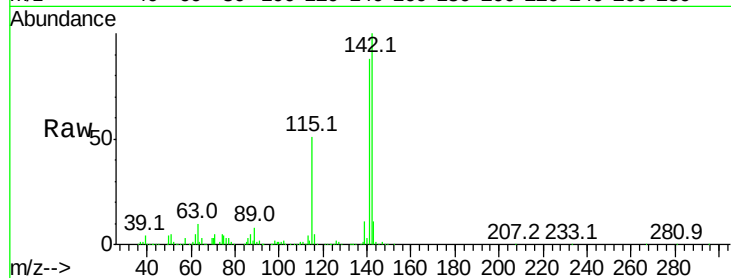




#37
2-Methylnaphthalene
Concen: 49.971 ng
RT: 11.87 min Scan# 1528
Delta R.T. -0.01 min
Lab File: BM010865.D
Acq: 18 Jul 2017 09:31

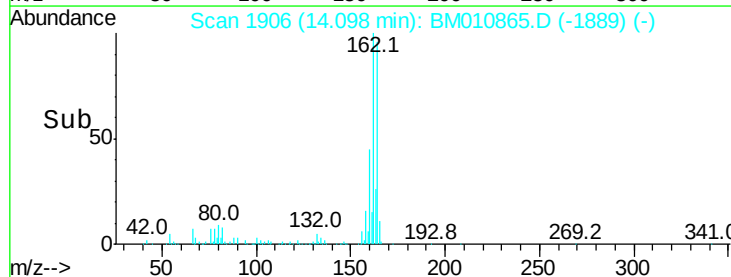
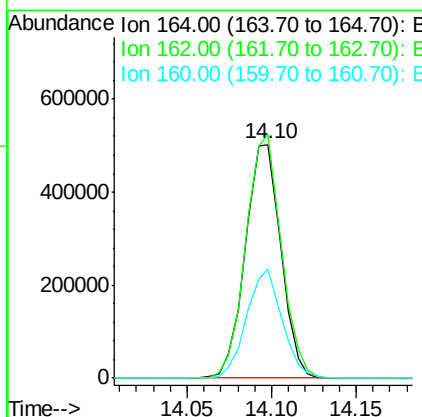
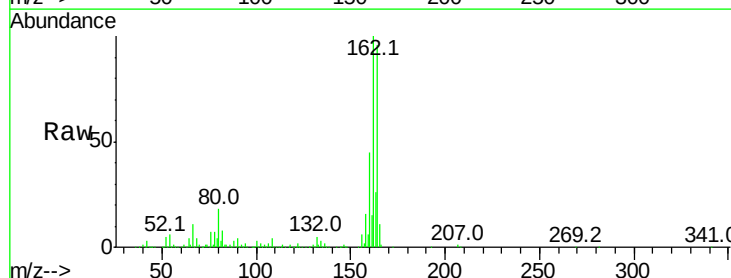
Instrument :
BNA_M
ClientSampleId :

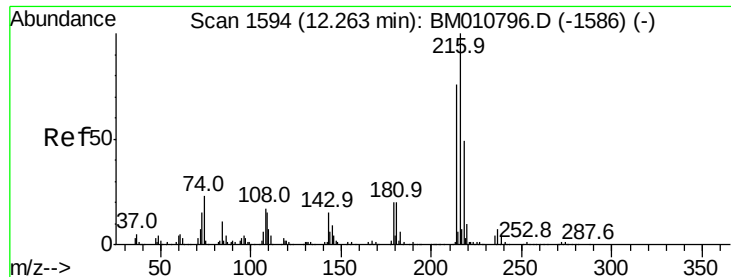
Tot Ion:142 Resp: 2062427
Ion Ratio Lower Upper
142 100
141 87.7 71.9 107.9
115 50.7 25.4 38.0#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.10 min Scan# 1906
Delta R.T. 0.00 min
Lab File: BM010865.D
Acq: 18 Jul 2017 09:31

Tgt Ion:164 Resp: 738050
Ion Ratio Lower Upper
164 100
162 104.1 82.4 123.6
160 46.4 35.8 53.6

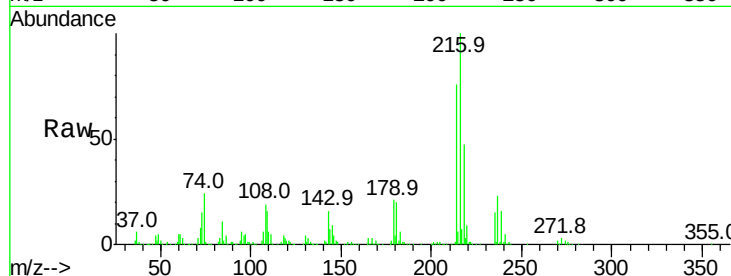




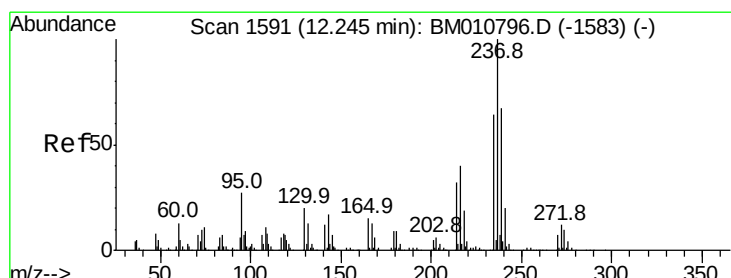
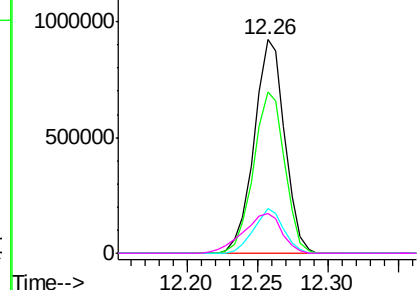
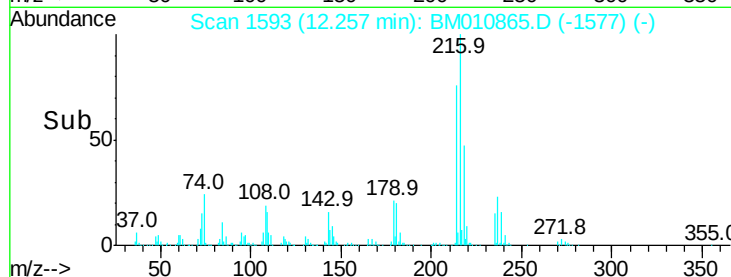
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.652 ng
 RT: 12.26 min Scan# 1593
 Delta R.T. -0.01 min
 Lab File: BM010865.D
 Acq: 18 Jul 2017 09:31

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:216 Resp: 1404333
 Ion Ratio Lower Upper
 216 100
 214 77.1 0.0 0.0#
 179 20.3 0.0 0.0#
 108 23.6 0.0 0.0#

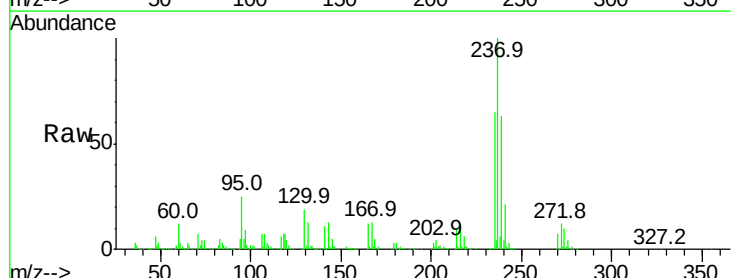


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

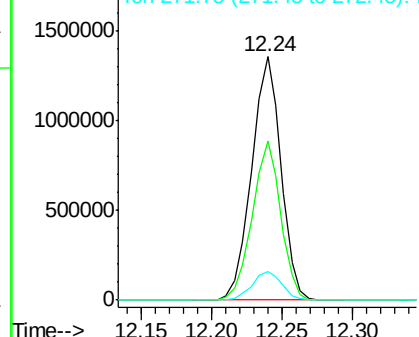
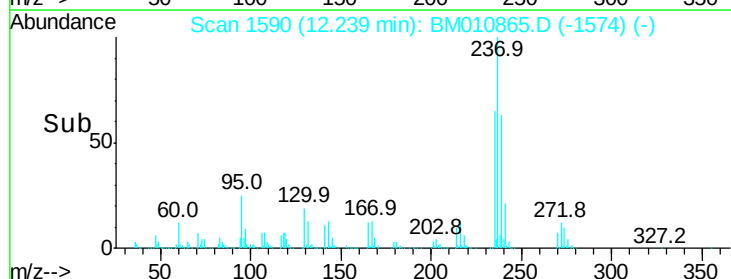


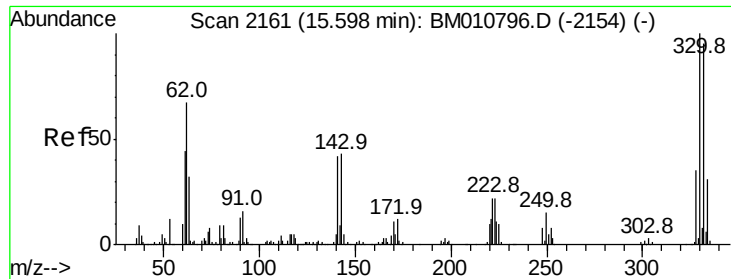
#40
 Hexachlorocyclopentadiene
 Concen: 107.069 ng
 RT: 12.24 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BM010865.D
 Acq: 18 Jul 2017 09:31

Tgt Ion:237 Resp: 1974577
 Ion Ratio Lower Upper
 237 100
 235 65.4 42.0 82.0
 272 11.7 0.0 33.4



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 147.616 ng

RT: 15.60 min Scan# 2161

Delta R.T. 0.00 min

Lab File: BM010865.D

Acq: 18 Jul 2017 09:31

Instrument :

BNA_M

ClientSampleId :

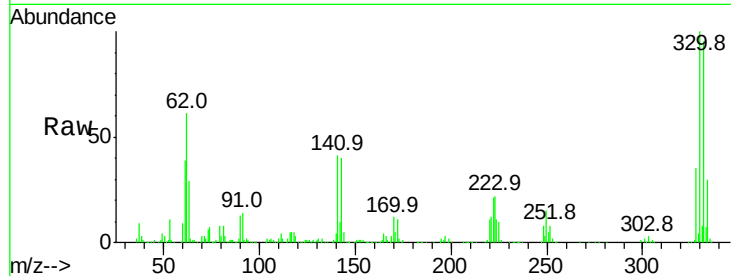
Tot Ion:330 Resp: 1664931

Ion Ratio Lower Upper

330 100

332 96.4 0.0 0.0#

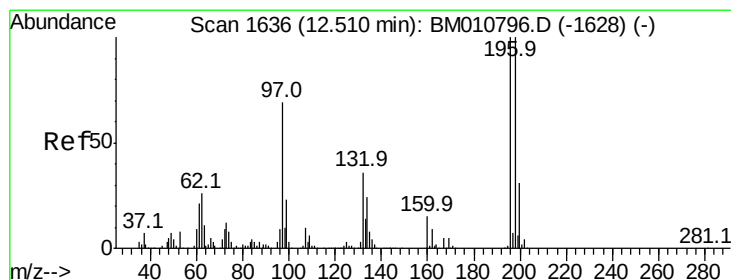
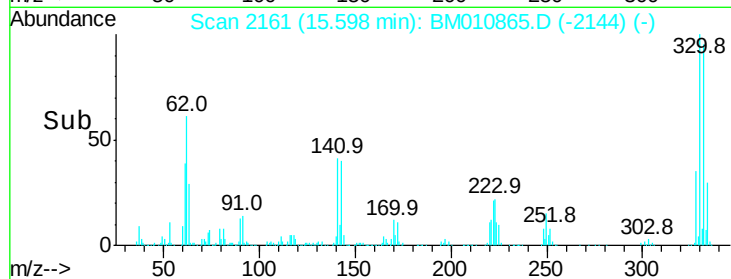
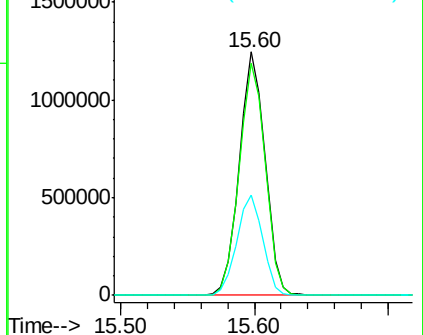
141 41.8 0.0 0.0#



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



#42

2,4,6-Trichlorophenol

Concen: 45.672 ng

RT: 12.51 min Scan# 1636

Delta R.T. 0.00 min

Lab File: BM010865.D

Acq: 18 Jul 2017 09:31

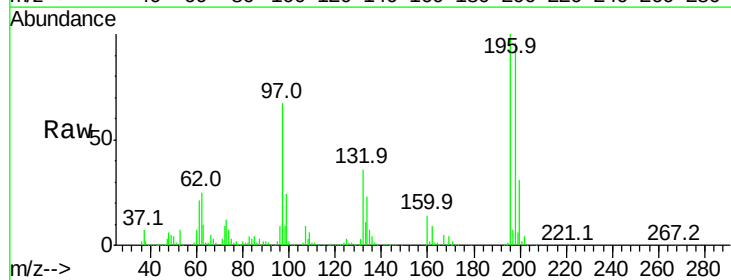
Tgt Ion:196 Resp: 904730

Ion Ratio Lower Upper

196 100

198 96.2 76.3 114.5

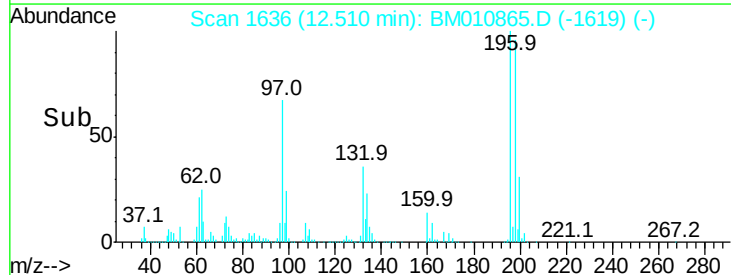
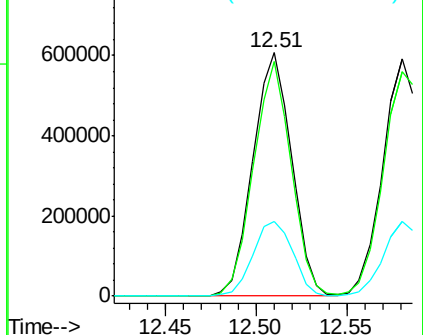
200 30.9 25.6 38.4

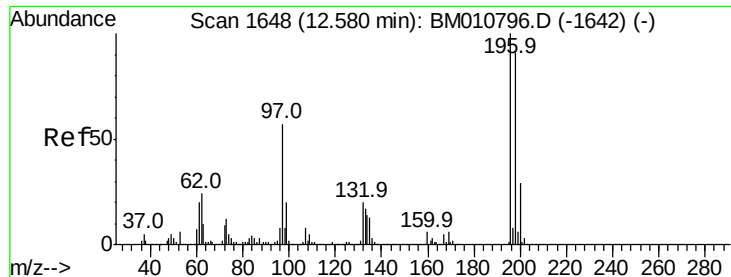


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

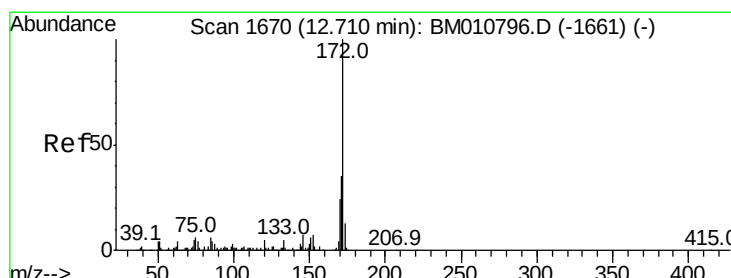
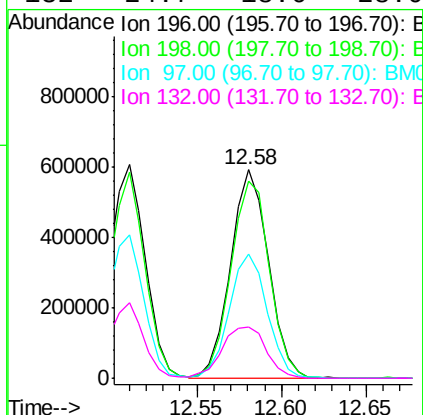
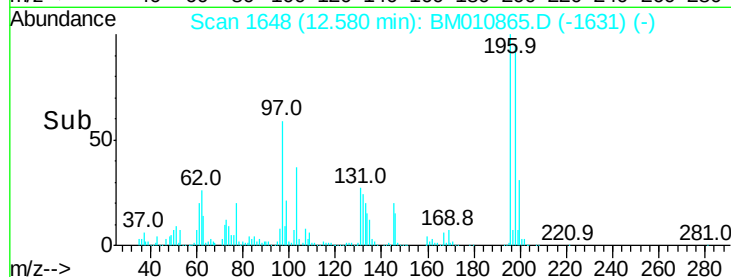
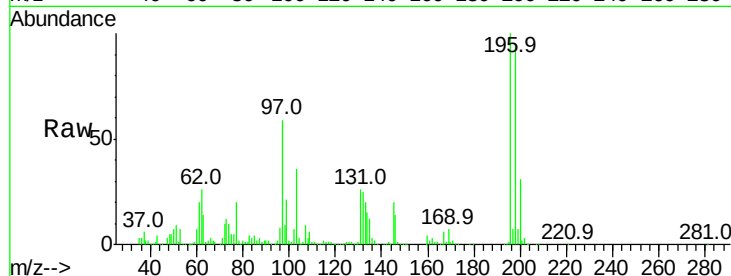




#43
2,4,5-Trichlorophenol
Concen: 47.227 ng
RT: 12.58 min Scan# 1648
Delta R.T. 0.00 min
Lab File: BM010865.D
Acq: 18 Jul 2017 09:31

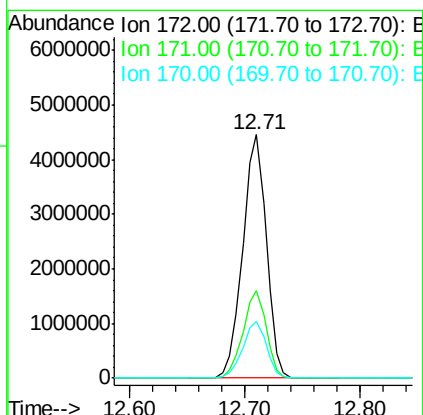
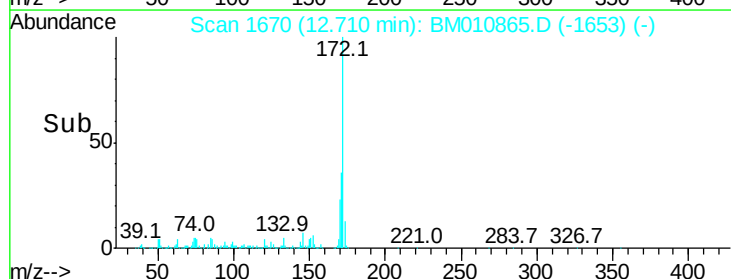
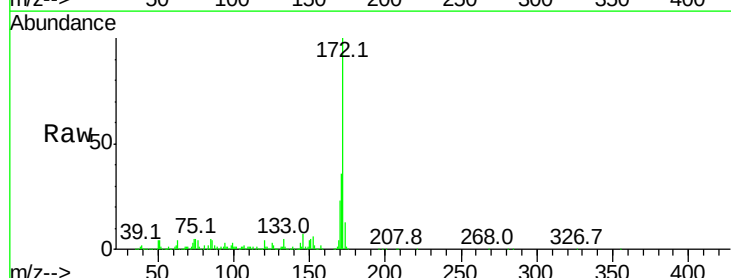
Instrument :
BNA_M
ClientSampled :

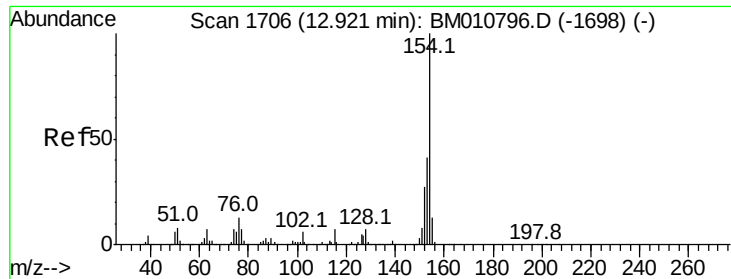
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.6	79.4	119.0
97	59.3	26.8	40.2
132	24.7	18.6	28.0



#44
2-Fluorobiphenyl
Concen: 106.472 ng
RT: 12.71 min Scan# 1670
Delta R.T. 0.00 min
Lab File: BM010865.D
Acq: 18 Jul 2017 09:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.5	42.7
170	23.3	18.8	28.2





#45

1,1'-Biphenyl

Concen: 43.253 ng

RT: 12.92 min Scan# 1706

Delta R.T. 0.00 min

Lab File: BM010865.D

Acq: 18 Jul 2017 09:31

Instrument :

BNA_M

ClientSampleId :

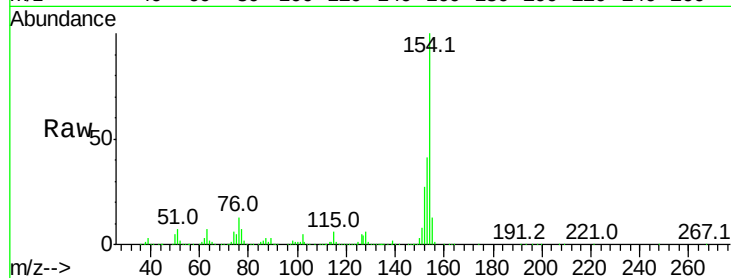
Tot Ion:154 Resp: 2781104

Ion Ratio Lower Upper

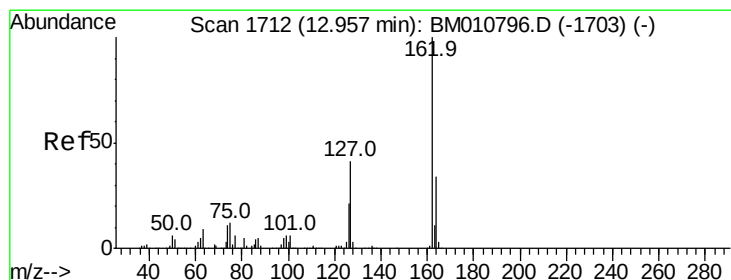
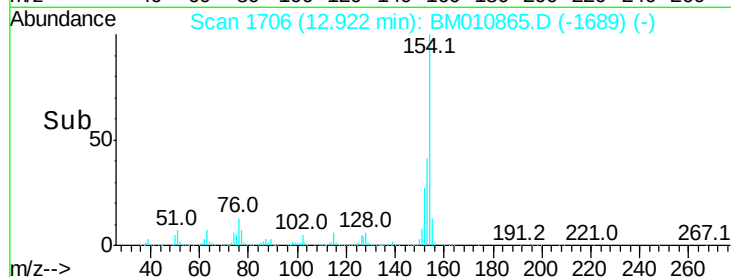
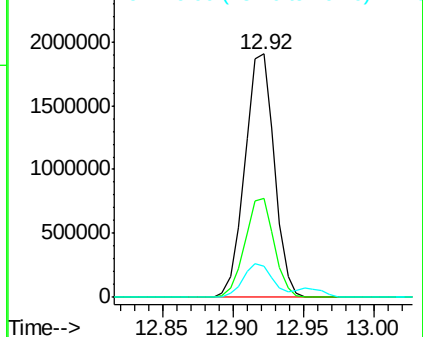
154 100

153 40.7 20.7 60.7

76 12.9 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



#46

2-Chloronaphthalene

Concen: 46.117 ng

RT: 12.96 min Scan# 1712

Delta R.T. 0.00 min

Lab File: BM010865.D

Acq: 18 Jul 2017 09:31

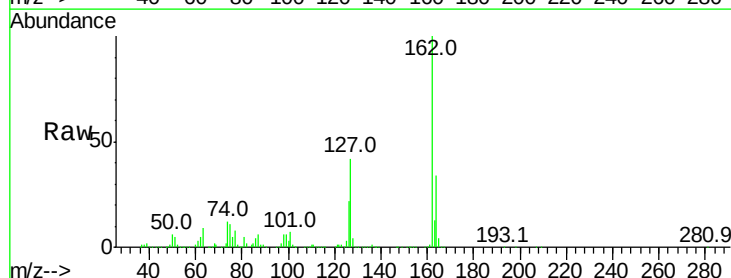
Tgt Ion:162 Resp: 2174258

Ion Ratio Lower Upper

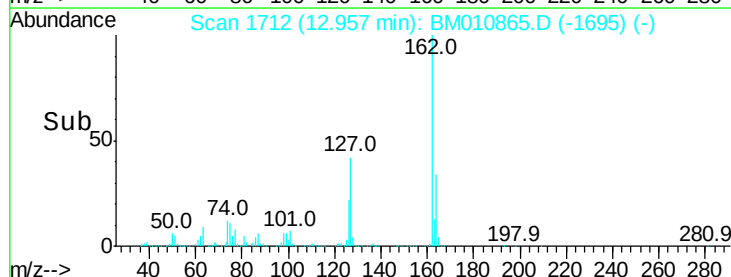
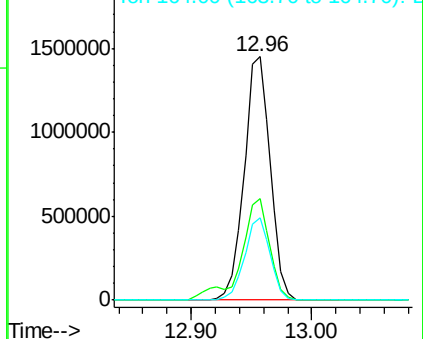
162 100

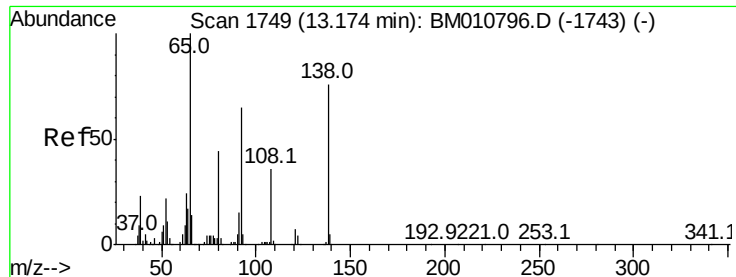
127 41.6 26.9 40.3#

164 33.6 26.8 40.2



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

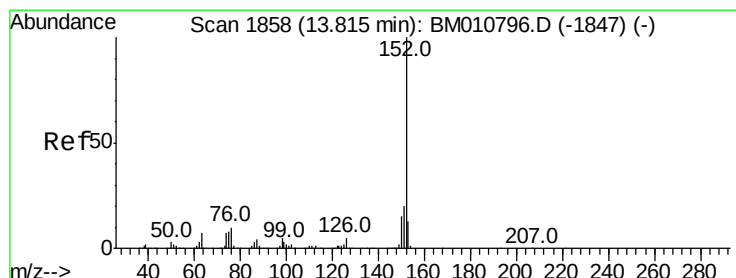
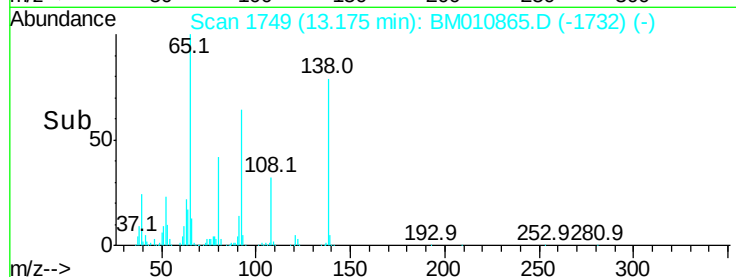
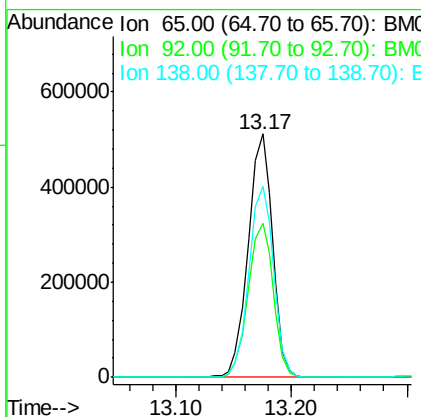
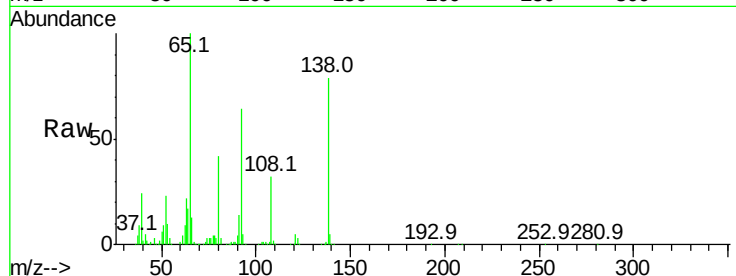




#47
2-Nitroaniline
Concen: 48.762 ng
RT: 13.17 min Scan# 1749
Delta R.T. 0.00 min
Lab File: BM010865.D
Acq: 18 Jul 2017 09:31

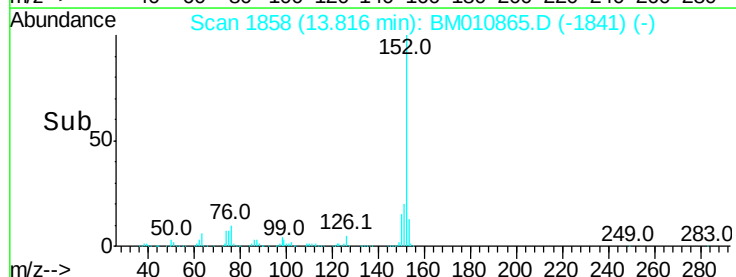
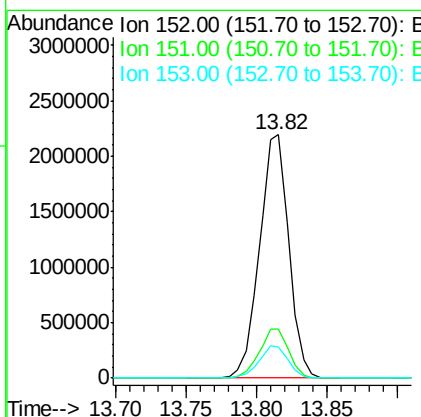
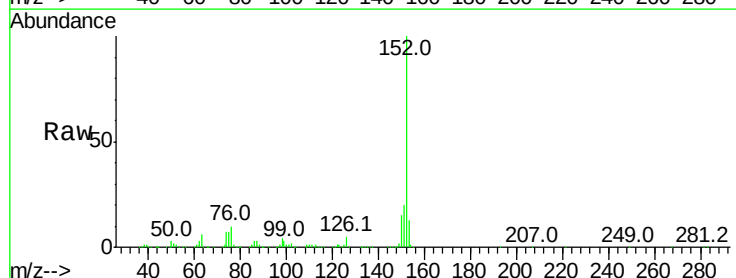
Instrument :
BNA_M
ClientSampleId :

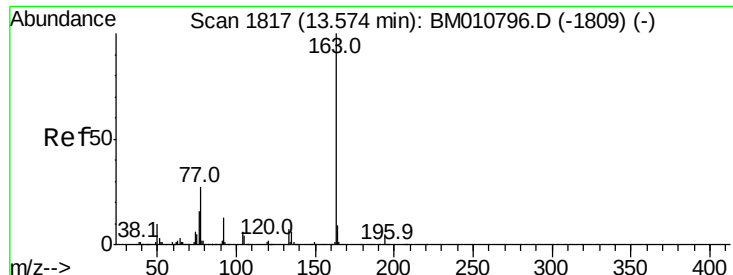
Tot Ion	Ratio	Lower	Upper
65	100		
92	63.5	59.1	88.7
138	78.7	93.9	140.9#



#48
Acenaphthylene
Concen: 45.819 ng
RT: 13.82 min Scan# 1858
Delta R.T. 0.00 min
Lab File: BM010865.D
Acq: 18 Jul 2017 09:31

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.9	23.9
153	13.0	10.6	16.0

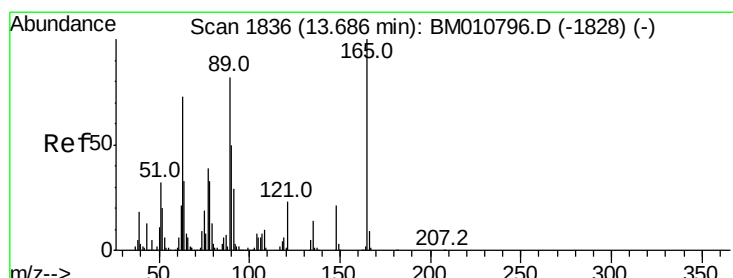
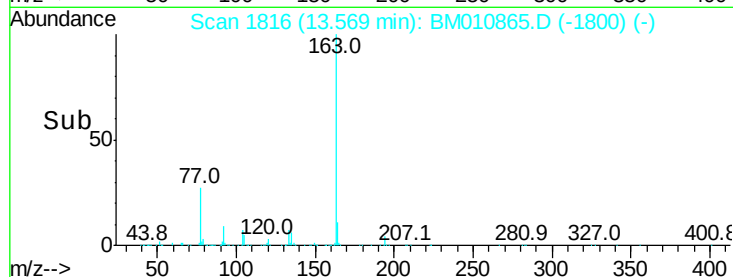
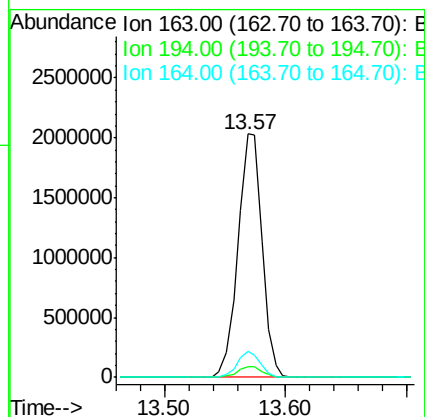
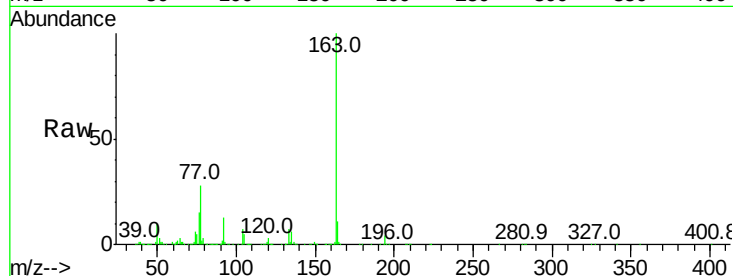




#49
Dimethylphthalate
Concen: 45.012 ng
RT: 13.57 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BM010865.D
Acq: 18 Jul 2017 09:31

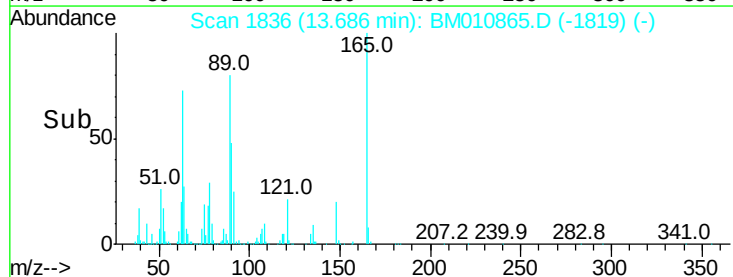
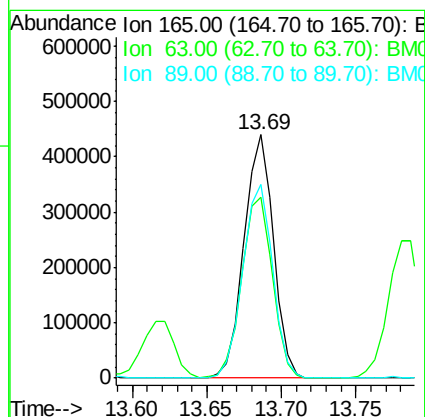
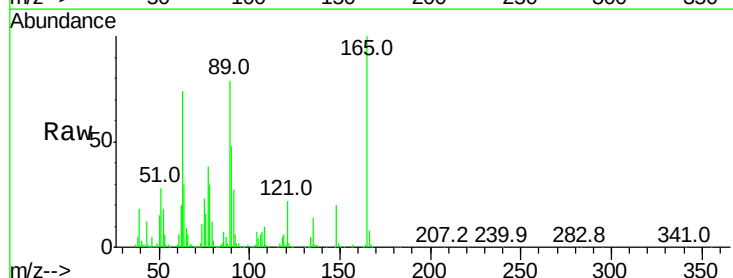
Instrument :
BNA_M
ClientSampleId :

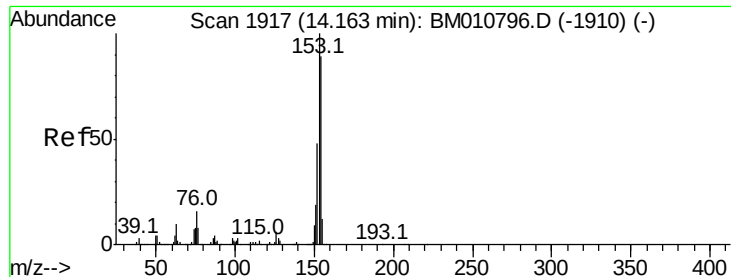
Tot Ion:163 Resp: 2826255
Ion Ratio Lower Upper
163 100
194 4.3 2.7 4.1#
164 10.6 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 48.789 ng
RT: 13.69 min Scan# 1836
Delta R.T. 0.00 min
Lab File: BM010865.D
Acq: 18 Jul 2017 09:31

Tgt Ion:165 Resp: 600880
Ion Ratio Lower Upper
165 100
63 74.5 44.1 66.1#
89 79.4 44.3 66.5#





#51

Acenaphthene

Concen: 46.155 ng

RT: 14.16 min Scan# 1917

Delta R.T. 0.00 min

Lab File: BM010865.D

Acq: 18 Jul 2017 09:31

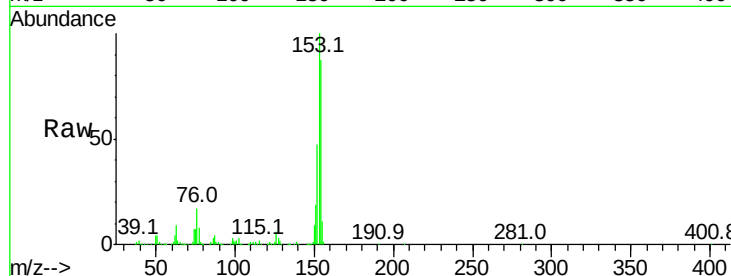
Instrument :

BNA_M

ClientSampleId :

Tot Ion:154 Resp: 1977643

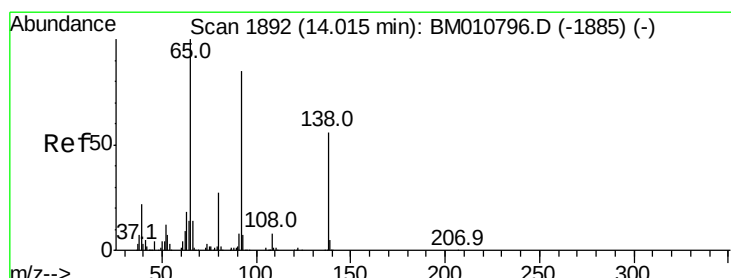
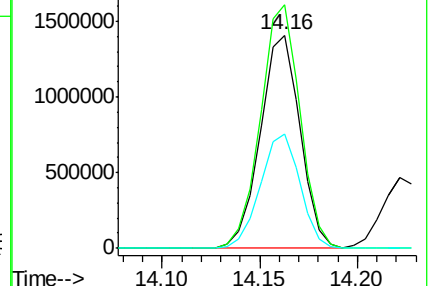
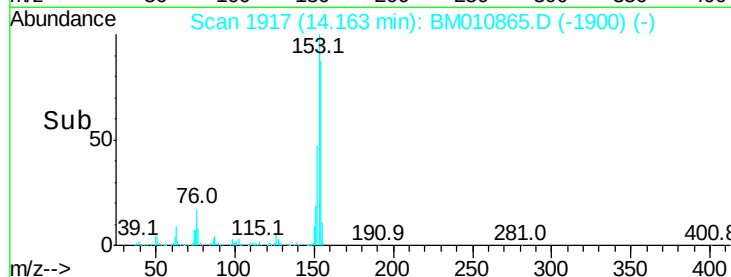
Ion	Ratio	Lower	Upper
154	100		
153	114.3	90.0	135.0
152	53.8	42.6	63.8



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



#52

3-Nitroaniline

Concen: 30.983 ng

RT: 14.01 min Scan# 1891

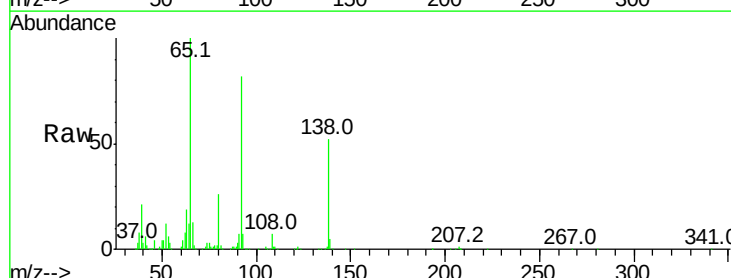
Delta R.T. -0.01 min

Lab File: BM010865.D

Acq: 18 Jul 2017 09:31

Tgt Ion:138 Resp: 346889

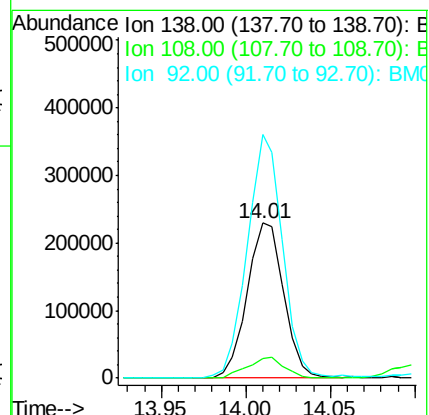
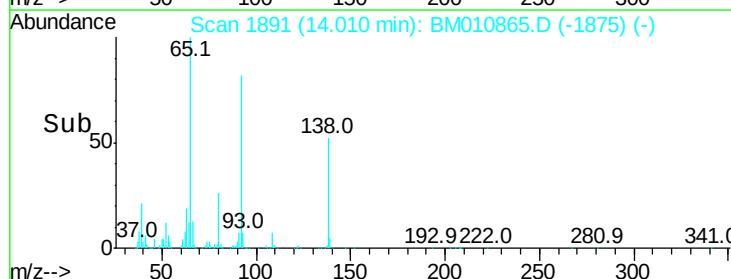
Ion	Ratio	Lower	Upper
138	100		
108	12.7	7.3	10.9#
92	157.1	76.6	114.8#

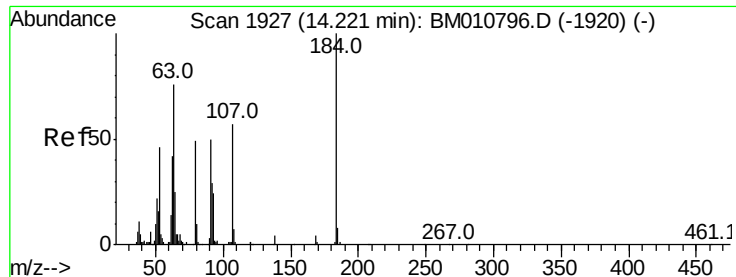


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

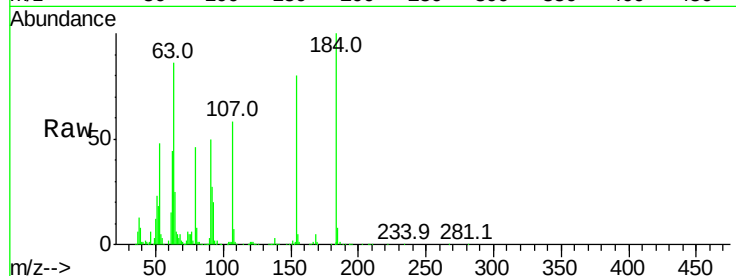




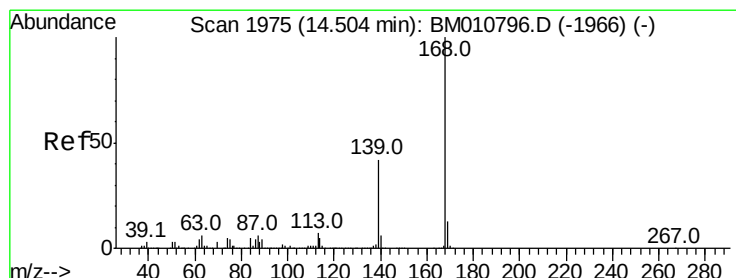
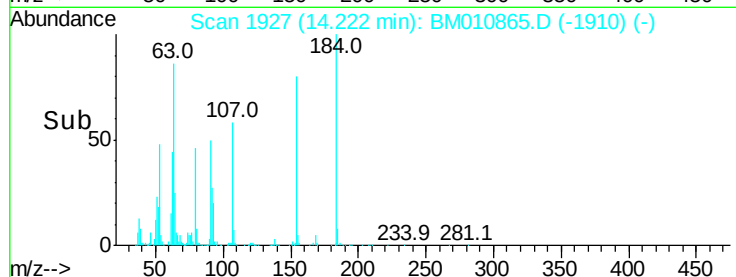
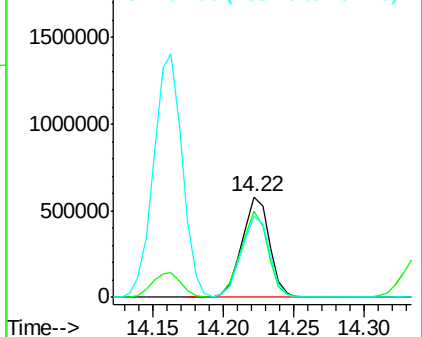
#53
2,4-Dinitrophenol
Concen: 93.402 ng
RT: 14.22 min Scan# 1927
Delta R.T. 0.00 min
Lab File: BM010865.D
Acq: 18 Jul 2017 09:31

Instrument :
BNA_M
ClientSampleId :

Tot Ion:184 Resp: 795187
Ion Ratio Lower Upper
184 100
63 85.7 69.2 103.8
154 79.8 53.3 79.9

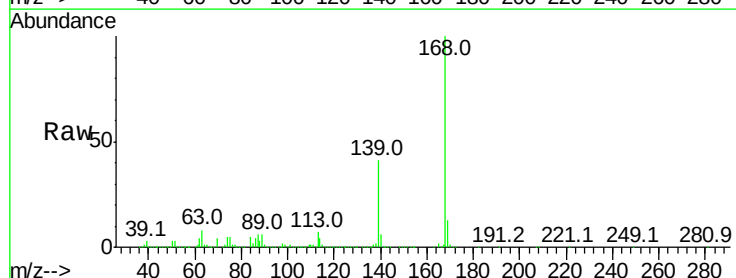


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM010796.D (-1920) (-)
Ion 154.00 (153.70 to 154.70): E

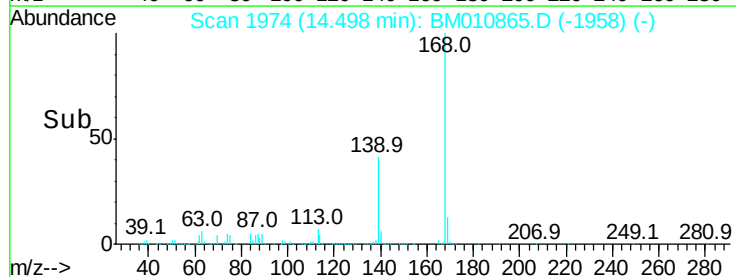
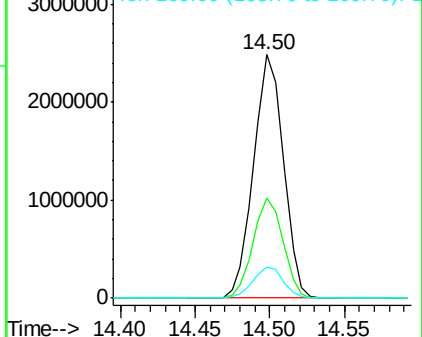


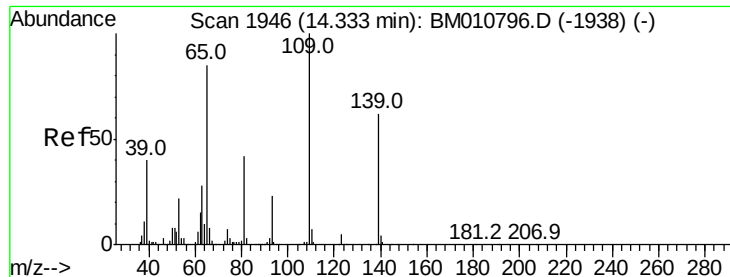
#54
Dibenzofuran
Concen: 49.474 ng
RT: 14.50 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BM010865.D
Acq: 18 Jul 2017 09:31

Tgt Ion:168 Resp: 3429040
Ion Ratio Lower Upper
168 100
139 41.3 27.3 40.9#
169 13.0 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

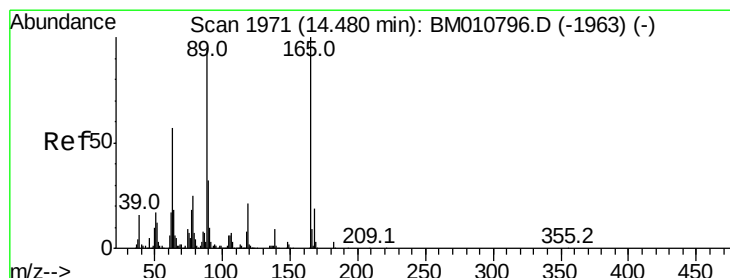
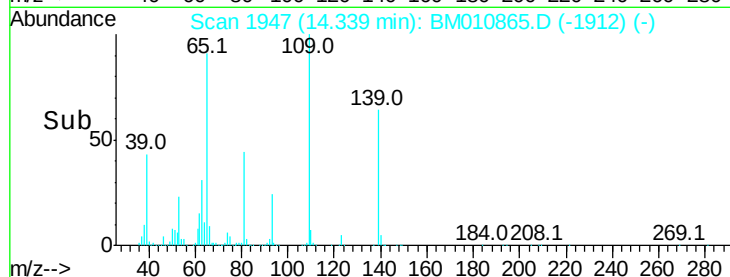
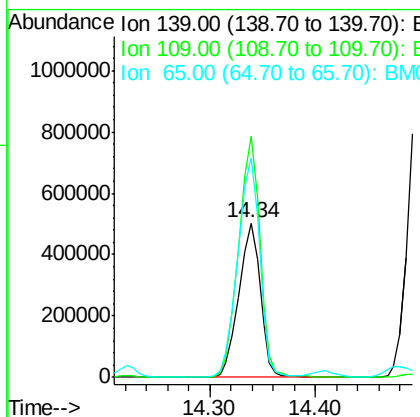
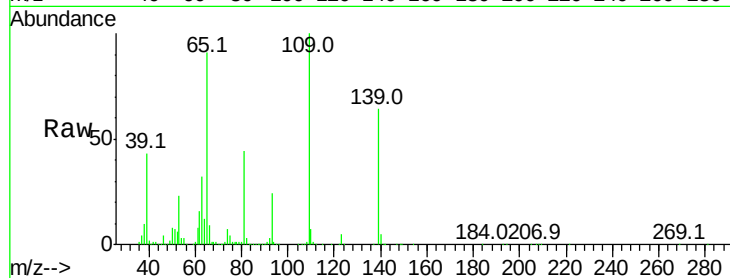




#55
4-Nitrophenol
Concen: 72.876 ng
RT: 14.34 min Scan# 1947
Delta R.T. 0.01 min
Lab File: BM010865.D
Acq: 18 Jul 2017 09:31

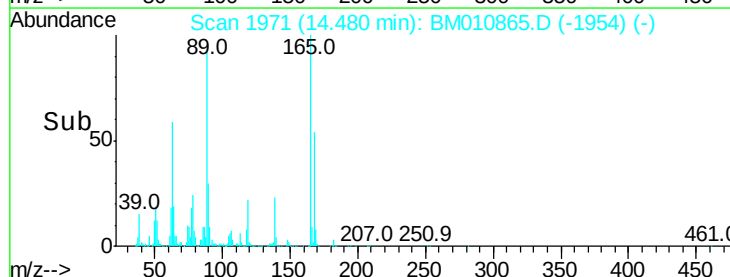
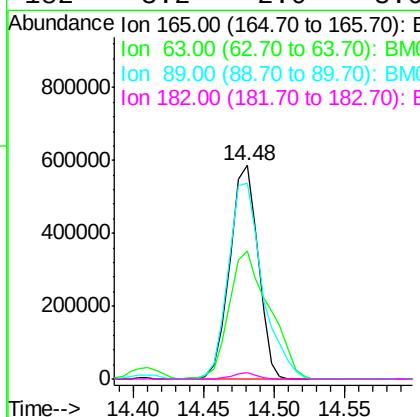
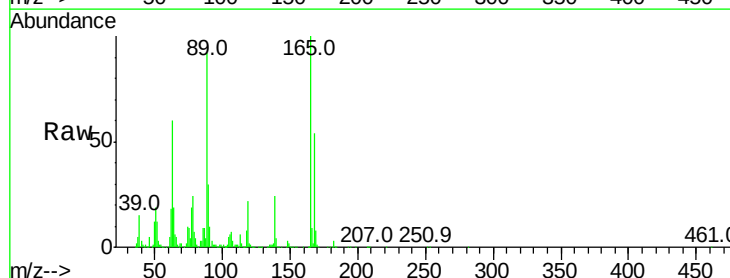
Instrument :
BNA_M
ClientSampleId :

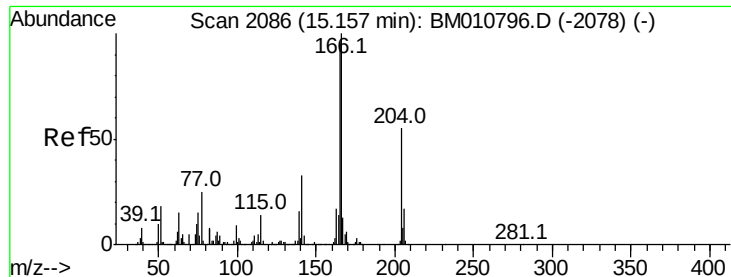
Tot Ion:139 Resp: 708627
Ion Ratio Lower Upper
139 100
109 156.4 37.7 77.7#
65 142.2 49.9 89.9#



#56
2,4-Dinitrotoluene
Concen: 47.828 ng
RT: 14.48 min Scan# 1971
Delta R.T. 0.00 min
Lab File: BM010865.D
Acq: 18 Jul 2017 09:31

Tgt Ion:165 Resp: 817347
Ion Ratio Lower Upper
165 100
63 59.7 52.4 78.6
89 91.9 72.4 108.6
182 3.2 2.0 3.0#

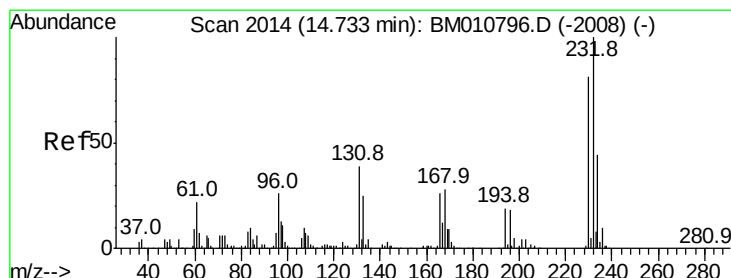
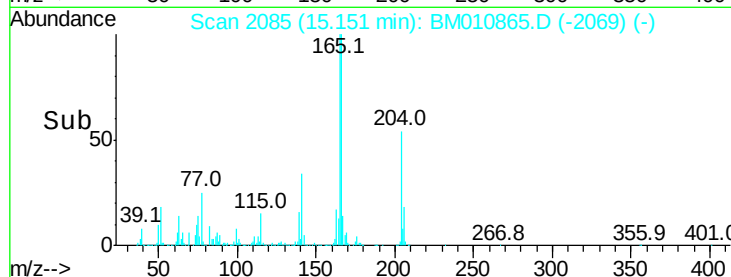
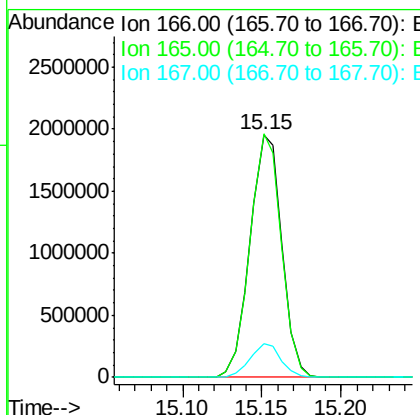
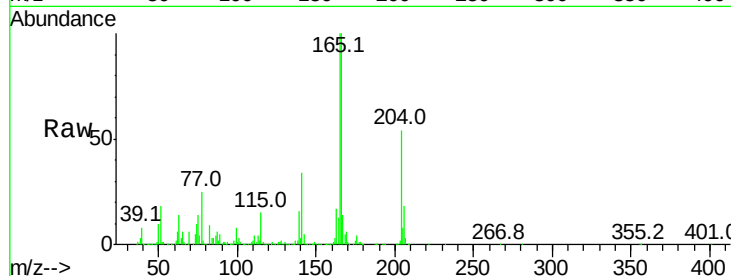




#57
 Fluorene
 Concen: 45.702 ng
 RT: 15.15 min Scan# 2085
 Delta R.T. -0.01 min
 Lab File: BM010865.D
 Acq: 18 Jul 2017 09:31

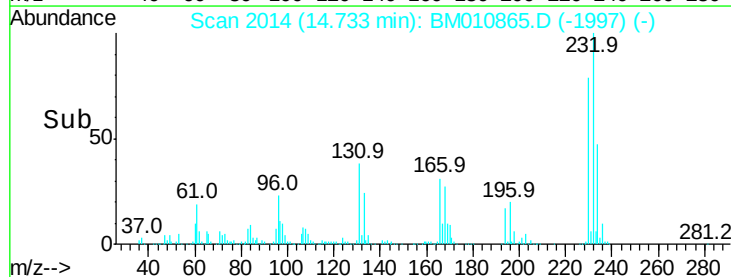
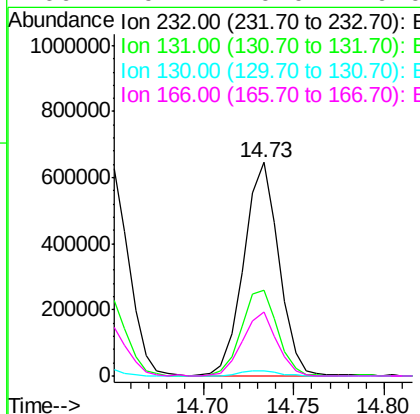
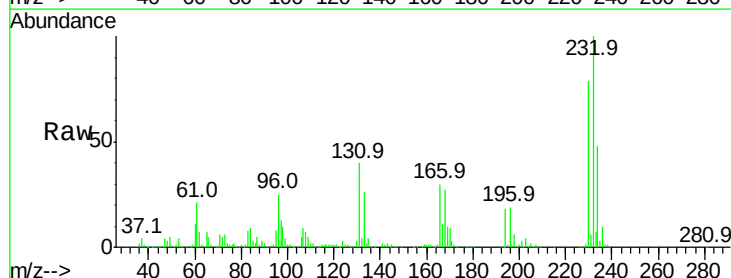
Instrument :
 BNA_M
 ClientSampleId :

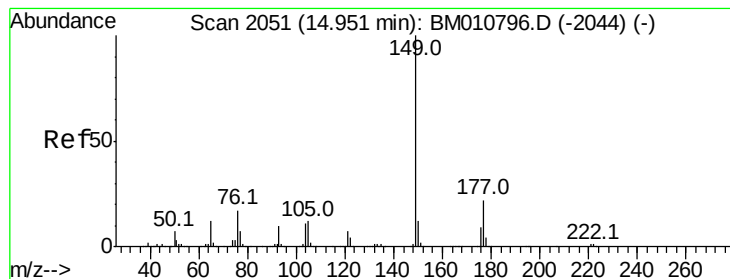
Tot Ion:166 Resp: 2722974
 Ion Ratio Lower Upper
 166 100
 165 100.5 79.0 118.4
 167 13.7 10.3 15.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.409 ng
 RT: 14.73 min Scan# 2014
 Delta R.T. 0.00 min
 Lab File: BM010865.D
 Acq: 18 Jul 2017 09:31

Tgt Ion:232 Resp: 861535
 Ion Ratio Lower Upper
 232 100
 131 40.9 0.0 0.0#
 130 2.7 0.0 0.0#
 166 29.7 0.0 0.0#





#59

Diethylphthalate

Concen: 44.375 ng

RT: 14.95 min Scan# 2051

Delta R.T. 0.00 min

Lab File: BM010865.D

Acq: 18 Jul 2017 09:31

Instrument :

BNA_M

ClientSampled :

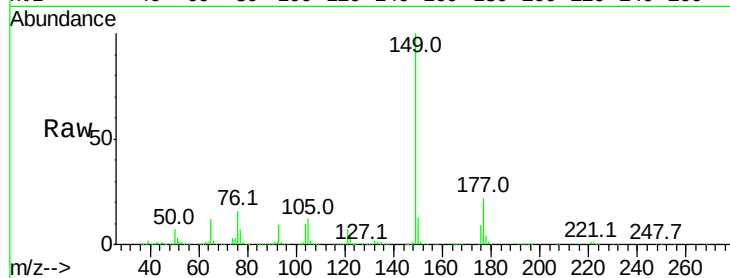
Tot Ion:149 Resp: 2751691

Ion Ratio Lower Upper

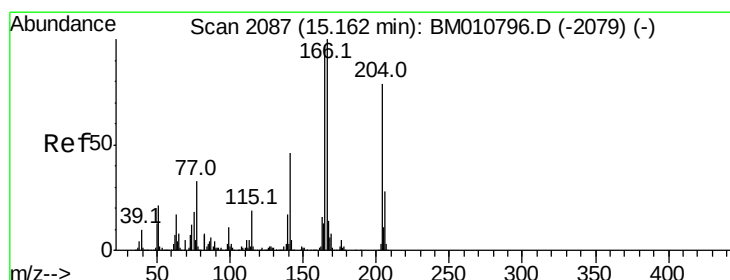
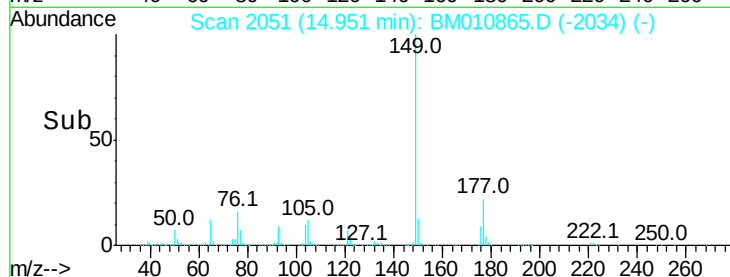
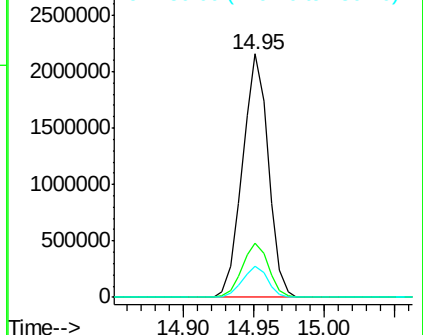
149 100

177 22.3 18.3 27.5

150 12.8 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



#60

4-Chlorophenyl-phenylether

Concen: 45.077 ng

RT: 15.16 min Scan# 2086

Delta R.T. -0.01 min

Lab File: BM010865.D

Acq: 18 Jul 2017 09:31

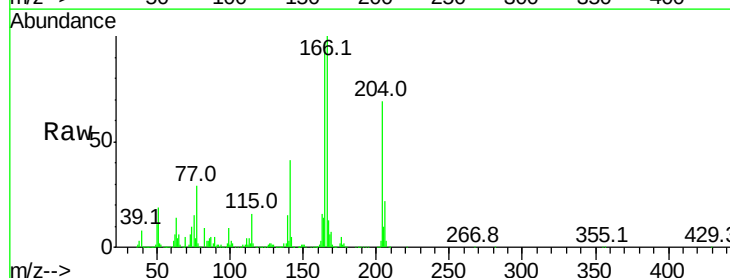
Tgt Ion:204 Resp: 1649788

Ion Ratio Lower Upper

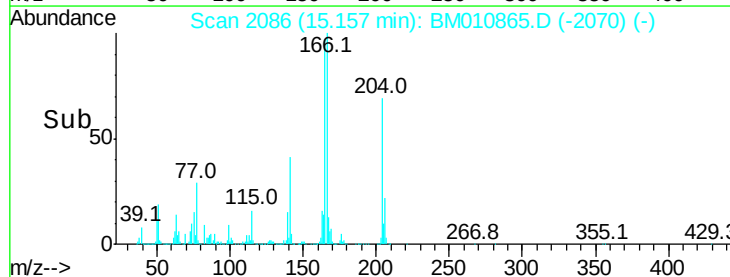
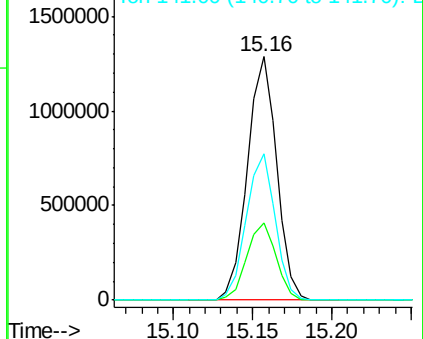
204 100

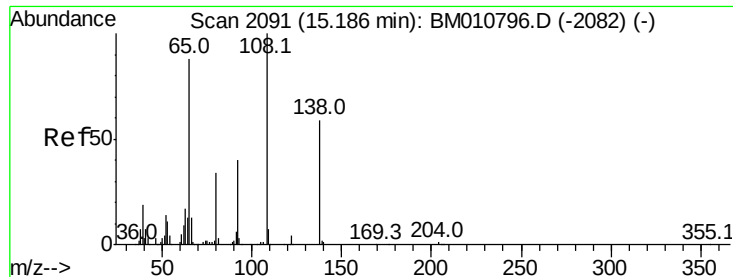
206 31.5 26.6 39.8

141 60.0 45.2 67.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

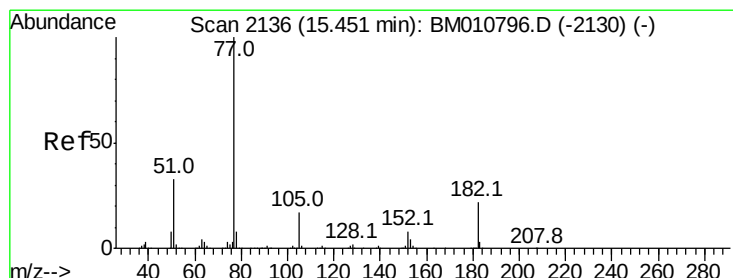
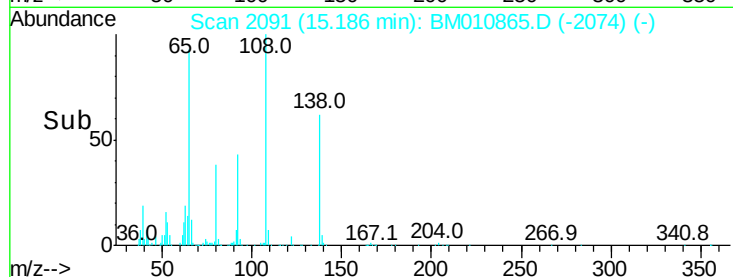
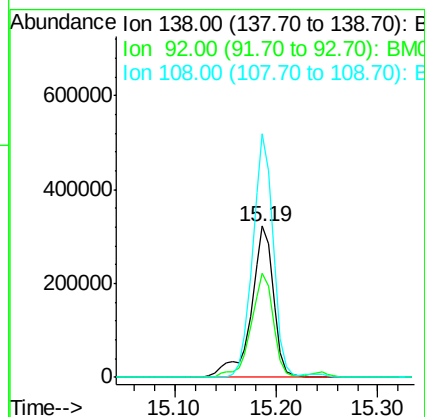
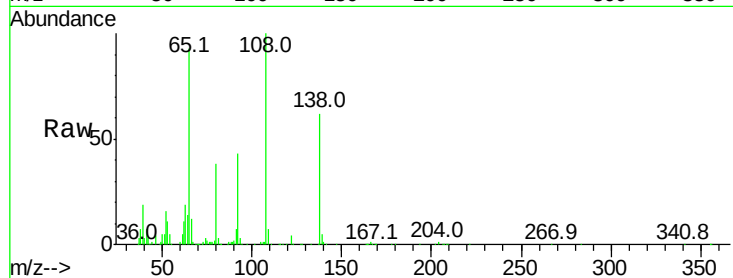




#61
4-Nitroaniline
Concen: 42.124 ng
RT: 15.19 min Scan# 2091
Delta R.T. 0.00 min
Lab File: BM010865.D
Acq: 18 Jul 2017 09:31

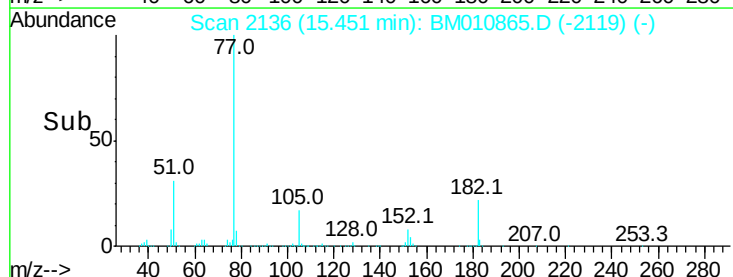
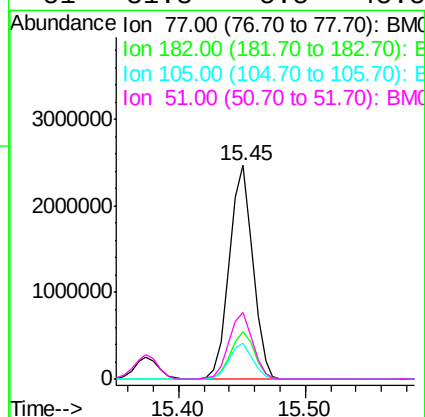
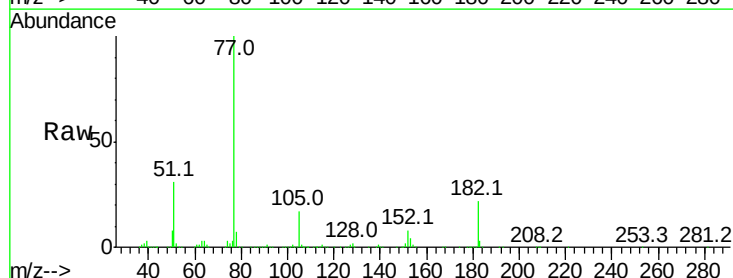
Instrument :
BNA_M
ClientSampleId :

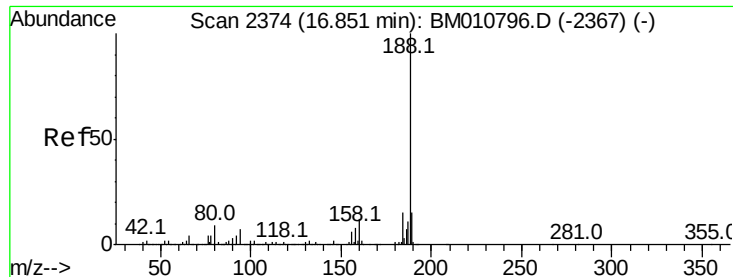
Tot Ion:138 Resp: 492949
Ion Ratio Lower Upper
138 100
92 69.2 16.7 56.7#
108 161.2 37.6 77.6#



#62
Azobenzene
Concen: 49.887 ng
RT: 15.45 min Scan# 2136
Delta R.T. 0.00 min
Lab File: BM010865.D
Acq: 18 Jul 2017 09:31

Tgt Ion: 77 Resp: 3141244
Ion Ratio Lower Upper
77 100
182 22.4 6.5 46.5
105 17.0 3.8 43.8
51 31.3 5.5 45.5

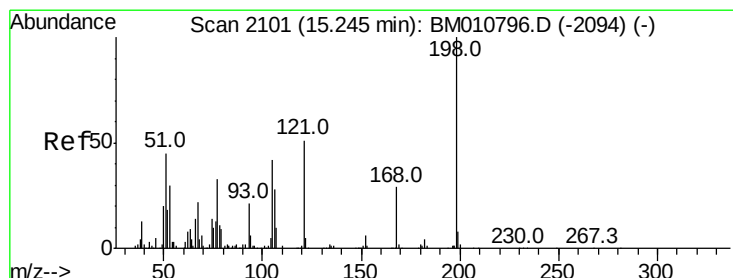
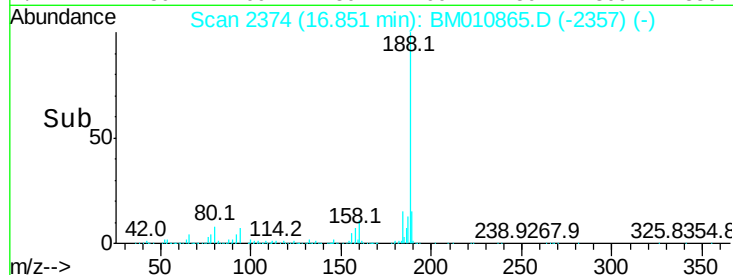
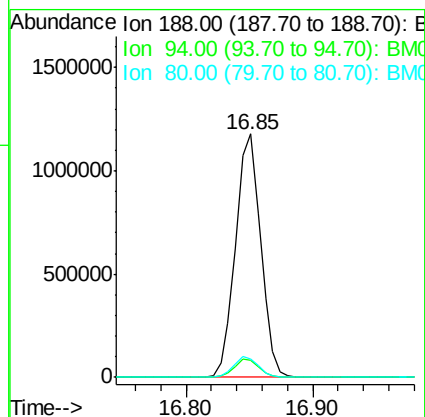
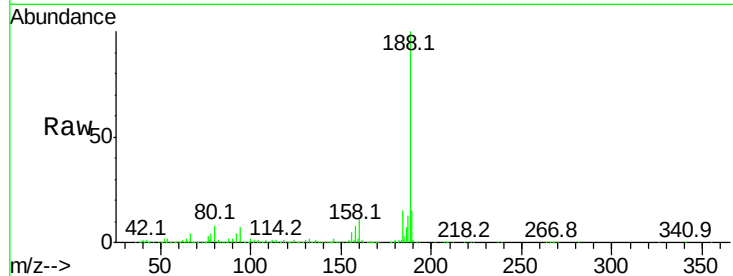




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.85 min Scan# 2374
 Delta R.T. 0.00 min
 Lab File: BM010865.D
 Acq: 18 Jul 2017 09:31

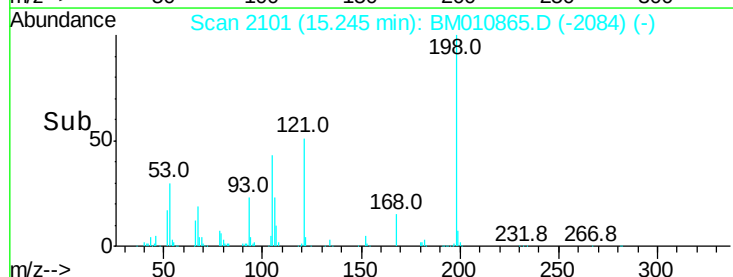
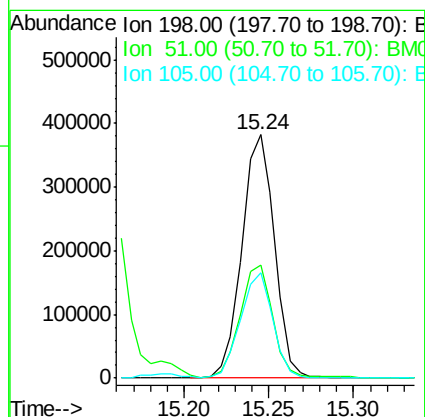
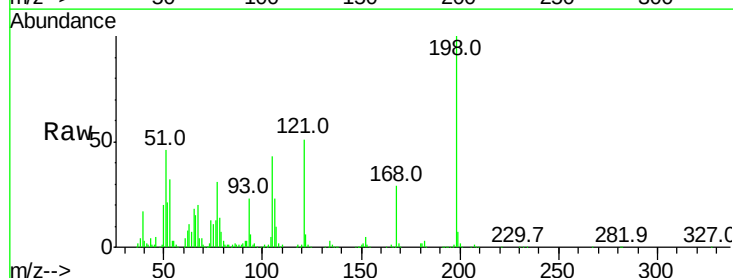
Instrument :
 BNA_M
 ClientSampleId :

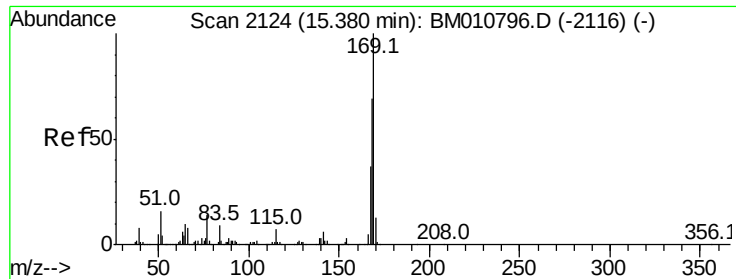
Tot Ion:188 Resp: 1605563
 Ion Ratio Lower Upper
 188 100
 94 6.9 8.7 13.1#
 80 7.7 9.3 13.9#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 48.522 ng
 RT: 15.24 min Scan# 2101
 Delta R.T. 0.00 min
 Lab File: BM010865.D
 Acq: 18 Jul 2017 09:31

Tgt Ion:198 Resp: 513714
 Ion Ratio Lower Upper
 198 100
 51 46.4 28.8 68.8
 105 43.4 30.5 70.5

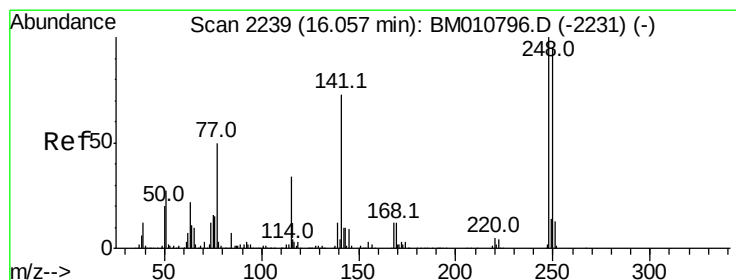
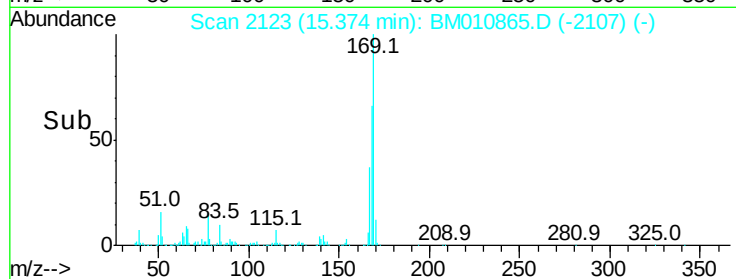
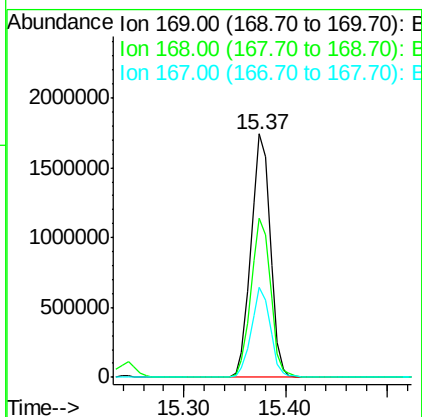
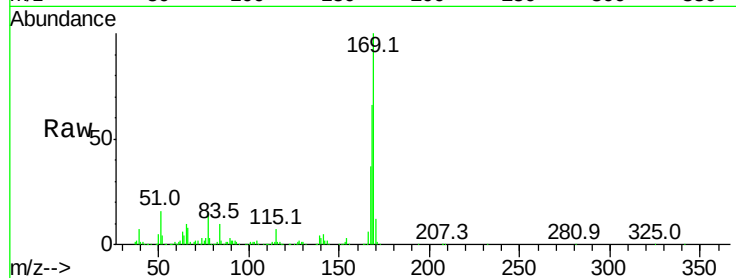




#65
n-Nitrosodiphenylamine
Concen: 50.219 ng
RT: 15.37 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BM010865.D
Acq: 18 Jul 2017 09:31

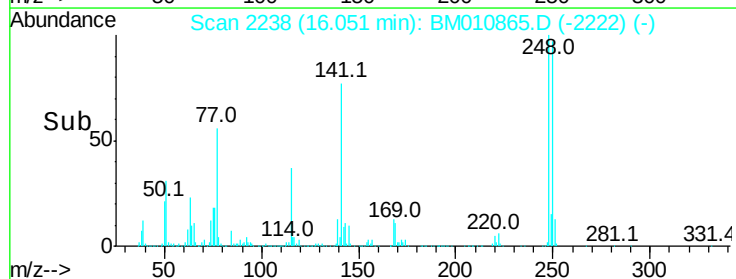
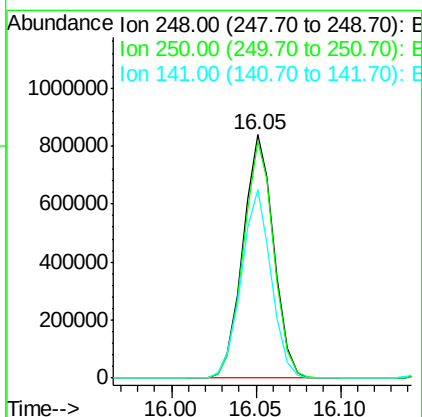
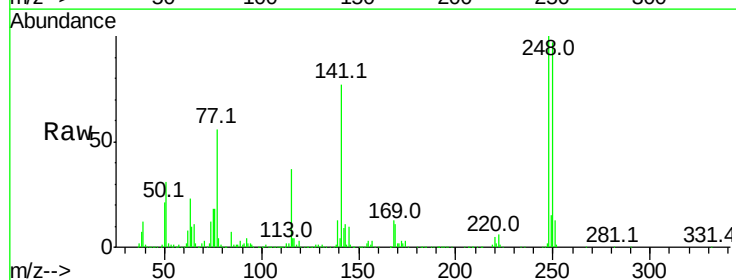
Instrument :
BNA_M
ClientSampleId :

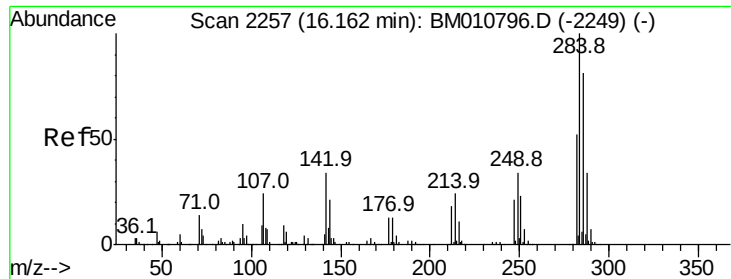
Tot Ion:169 Resp: 2307129
Ion Ratio Lower Upper
169 100
168 65.6 53.9 80.9
167 36.9 28.9 43.3



#66
4-Bromophenyl-phenylether
Concen: 52.144 ng
RT: 16.05 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BM010865.D
Acq: 18 Jul 2017 09:31

Tgt Ion:248 Resp: 1061003
Ion Ratio Lower Upper
248 100
250 97.2 77.4 116.0
141 77.4 45.2 67.8#

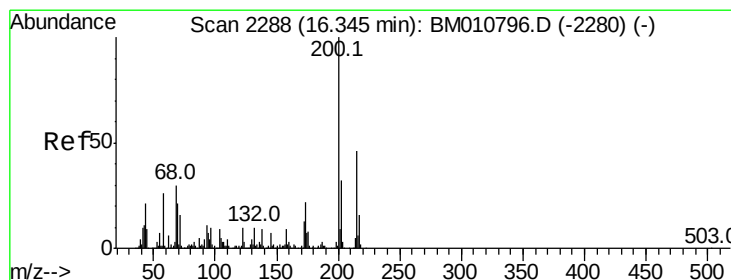
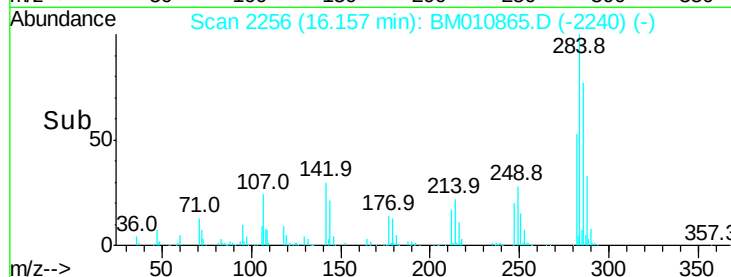
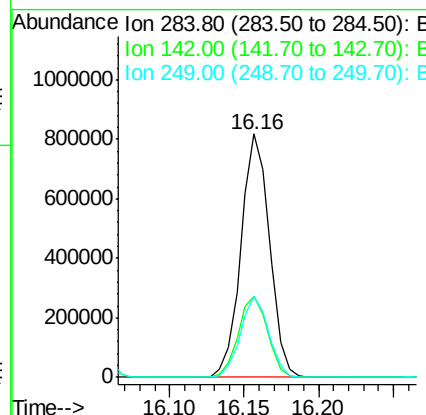
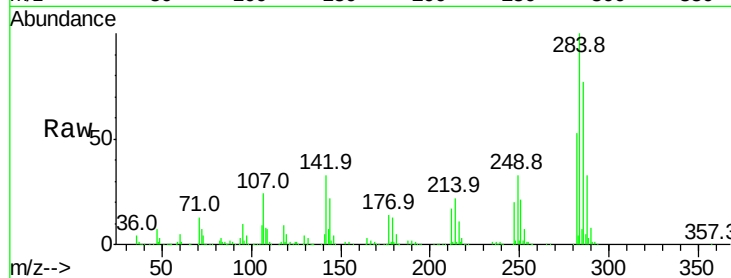




#67
Hexachlorobenzene
Concen: 46.779 ng
RT: 16.16 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BM010865.D
Acq: 18 Jul 2017 09:31

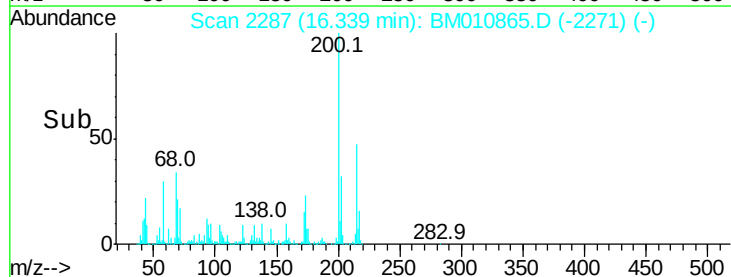
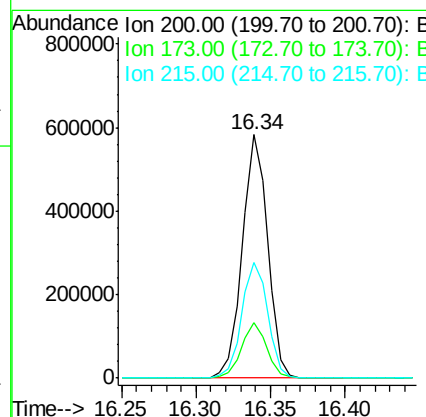
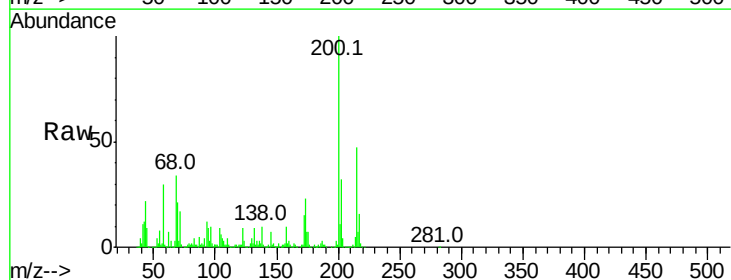
Instrument :
BNA_M
ClientSampled :

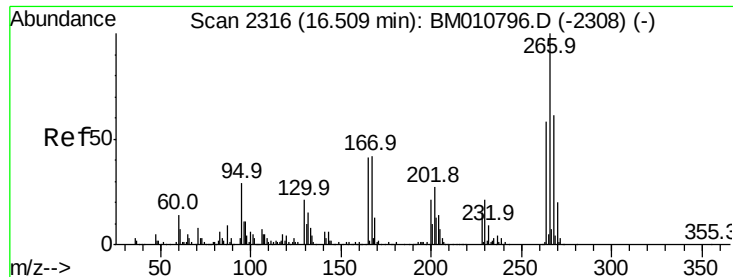
Tot Ion:284 Resp: 1088413
Ion Ratio Lower Upper
284 100
142 33.2 20.4 30.6#
249 33.5 23.8 35.6



#68
Atrazine
Concen: 36.164 ng
RT: 16.34 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BM010865.D
Acq: 18 Jul 2017 09:31

Tgt Ion:200 Resp: 688055
Ion Ratio Lower Upper
200 100
173 22.9 4.8 44.8
215 47.4 26.9 66.9



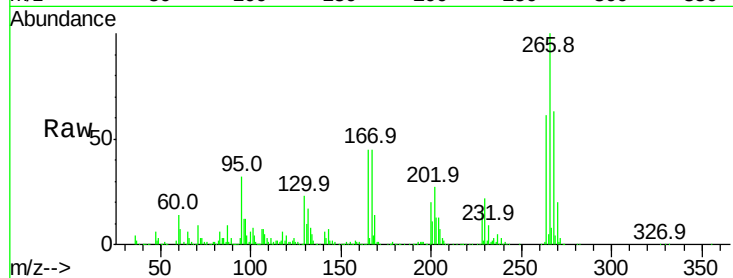


#69
 Pentachlorophenol
 Concen: 87.414 ng
 RT: 16.50 min Scan# 2315
 Delta R.T. -0.01 min
 Lab File: BM010865.D
 Acq: 18 Jul 2017 09:31

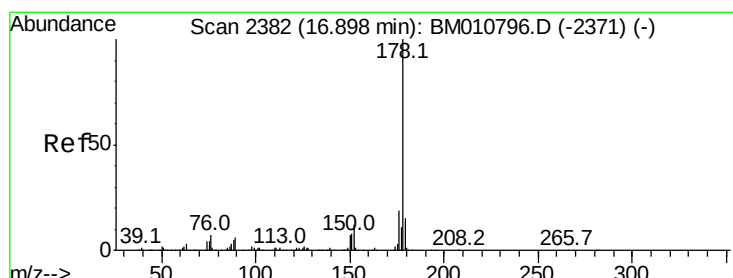
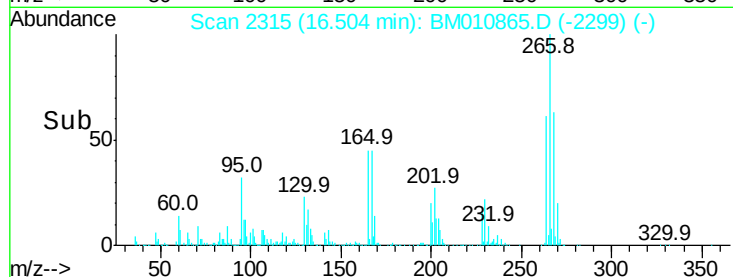
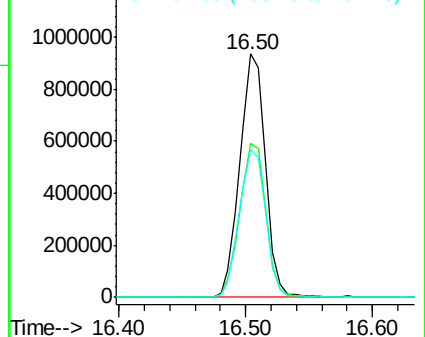
Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:266 Resp: 1303836

Ion	Ratio	Lower	Upper
266	100		
268	63.0	52.0	78.0
264	60.6	49.0	73.4



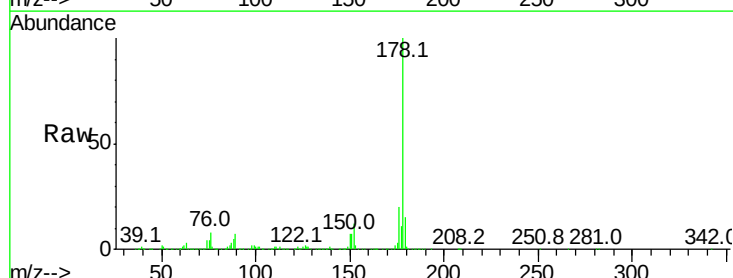
Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E



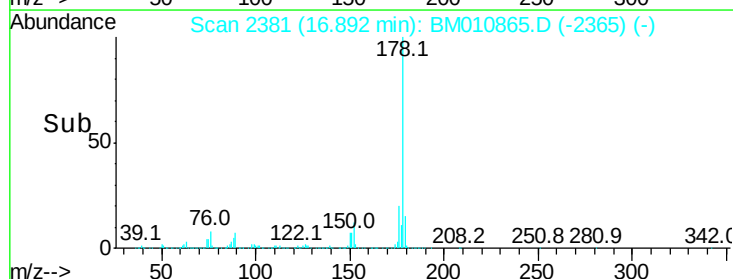
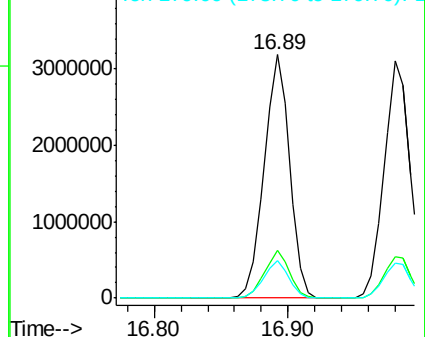
#70
 Phenanthrene
 Concen: 50.115 ng
 RT: 16.89 min Scan# 2381
 Delta R.T. -0.01 min
 Lab File: BM010865.D
 Acq: 18 Jul 2017 09:31

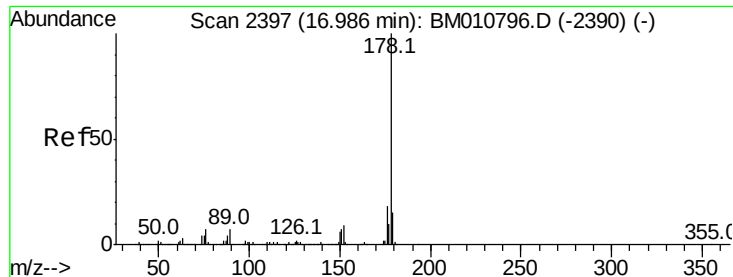
Tgt Ion:178 Resp: 4185897

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.2	22.8
179	15.3	12.1	18.1



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





#71

Anthracene

Concen: 50.105 ng

RT: 16.98 min Scan# 2396

Delta R.T. -0.01 min

Lab File: BM010865.D

Acq: 18 Jul 2017 09:31

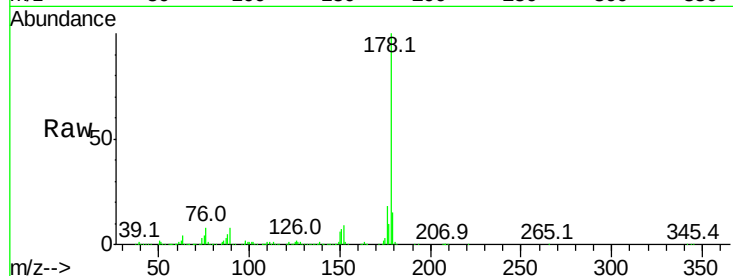
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 4154277

Ion	Ratio	Lower	Upper
178	100		
176	17.7	14.6	22.0
179	14.6	12.6	19.0

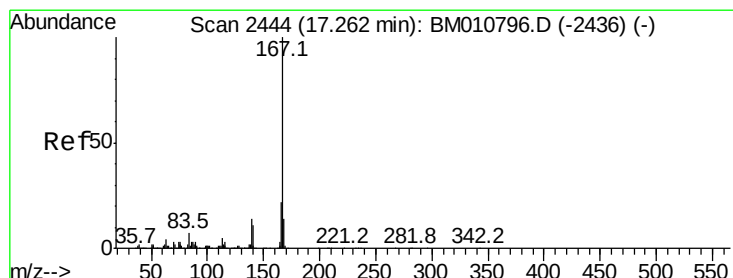
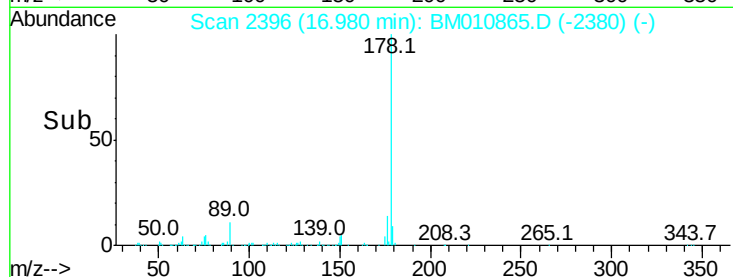
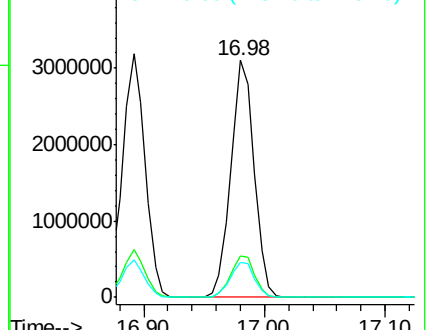


Abundance

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: 43.971 ng

RT: 17.26 min Scan# 2443

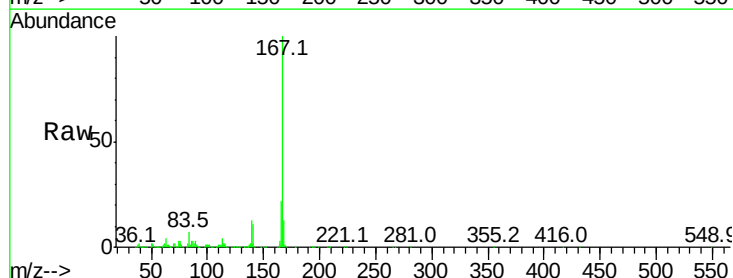
Delta R.T. -0.01 min

Lab File: BM010865.D

Acq: 18 Jul 2017 09:31

Tgt Ion:167 Resp: 3210837

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.2	25.8
139	13.4	10.8	16.2

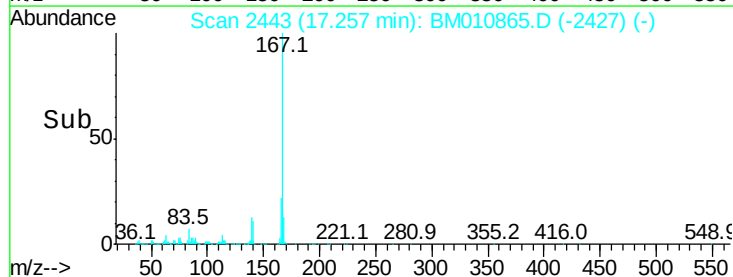
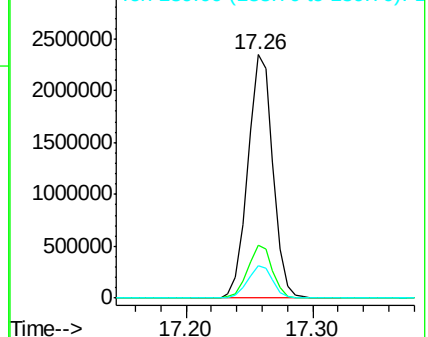


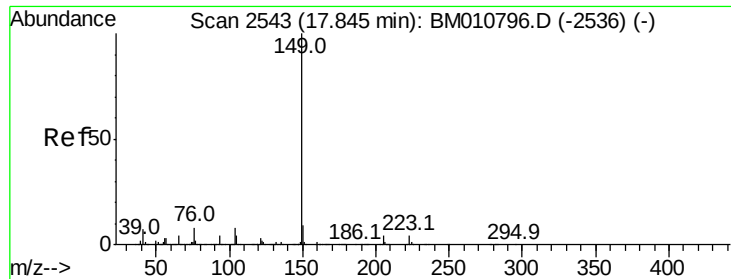
Abundance

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: 45.416 ng

RT: 17.84 min Scan# 2543

Delta R.T. 0.00 min

Lab File: BM010865.D

Acq: 18 Jul 2017 09:31

Instrument :

BNA_M

ClientSampleId :

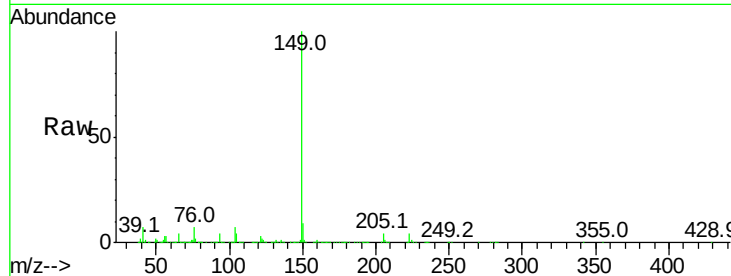
Tot Ion:149 Resp: 3923569

Ion Ratio Lower Upper

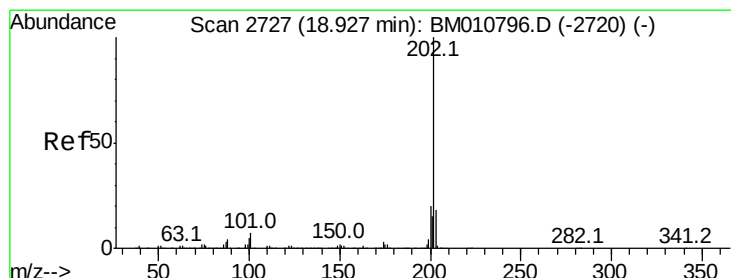
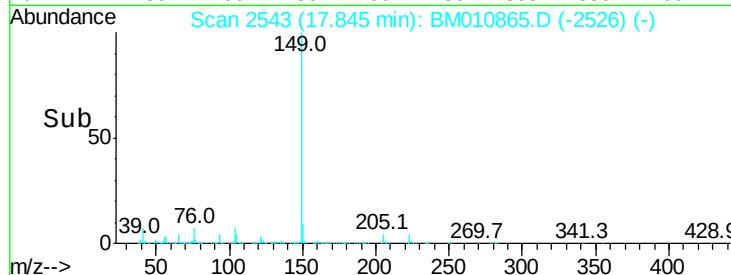
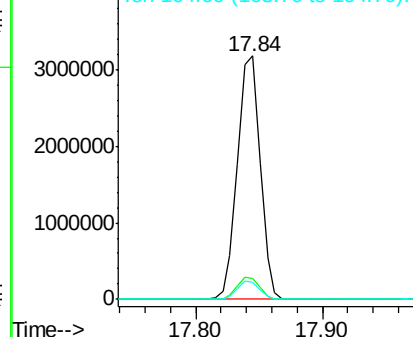
149 100

150 8.8 7.5 11.3

104 7.3 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



#74

Fluoranthene

Concen: 43.976 ng

RT: 18.92 min Scan# 2726

Delta R.T. -0.01 min

Lab File: BM010865.D

Acq: 18 Jul 2017 09:31

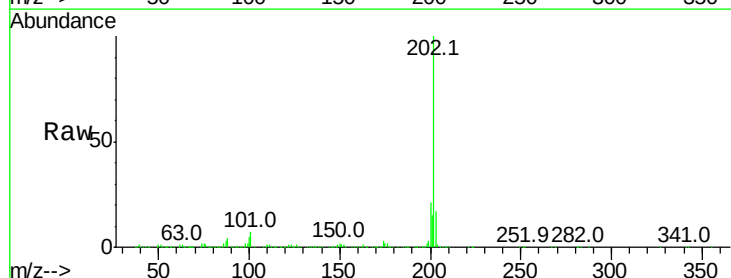
Tgt Ion:202 Resp: 4549143

Ion Ratio Lower Upper

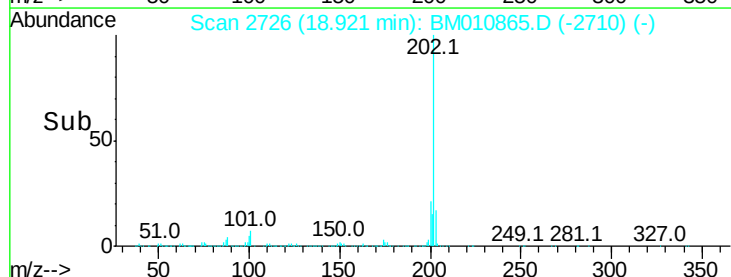
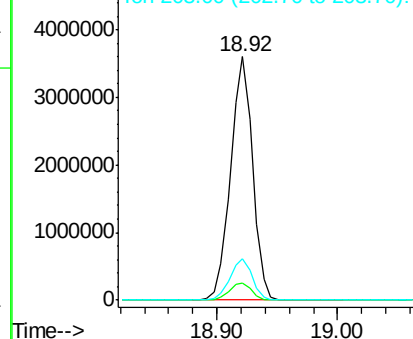
202 100

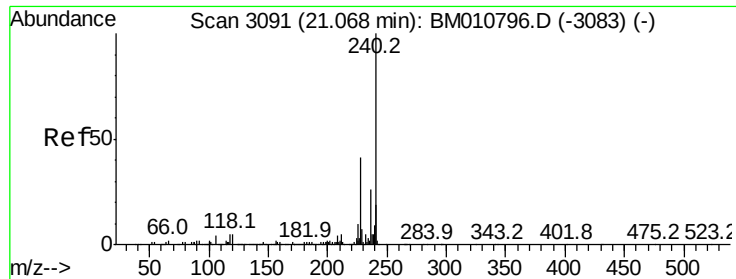
101 7.2 0.0 28.7

203 17.0 0.0 37.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.06 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM010865.D

Acq: 18 Jul 2017 09:31

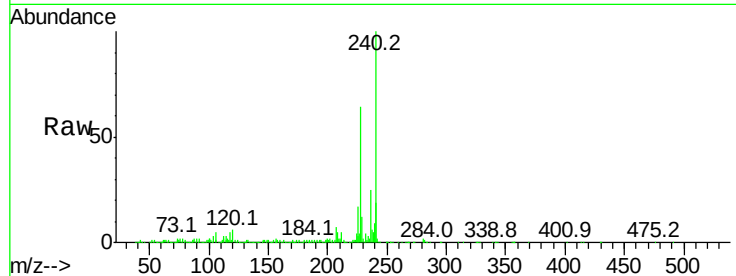
Instrument :

BNA_M

ClientSampled :

Tot Ion:240 Resp: 1373646

Ion	Ratio	Lower	Upper
240	100		
120	5.9	8.2	12.2#
236	25.2	20.0	30.0

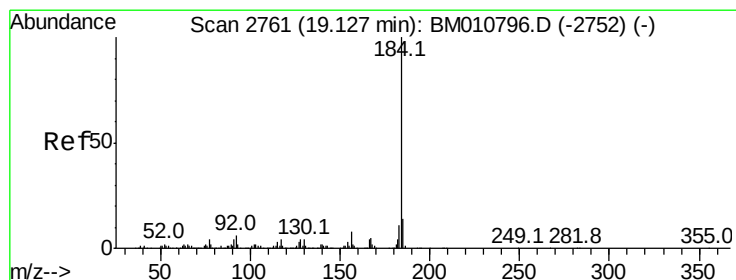
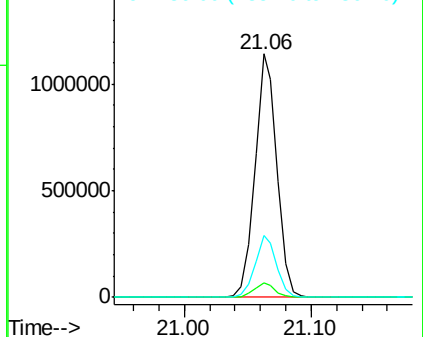
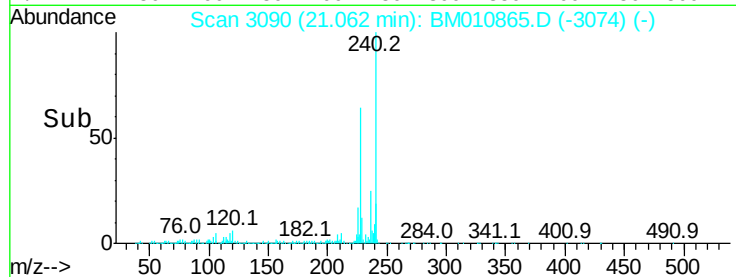


Abundance

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: 10.643 ng

RT: 19.12 min Scan# 2760

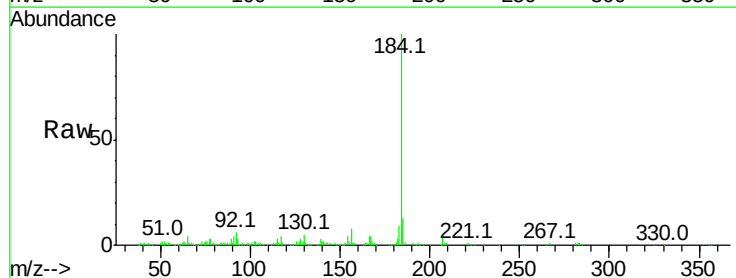
Delta R.T. -0.01 min

Lab File: BM010865.D

Acq: 18 Jul 2017 09:31

Tgt Ion:184 Resp: 391233

Ion	Ratio	Lower	Upper
184	100		
185	12.9	11.3	16.9
183	9.3	8.9	13.3

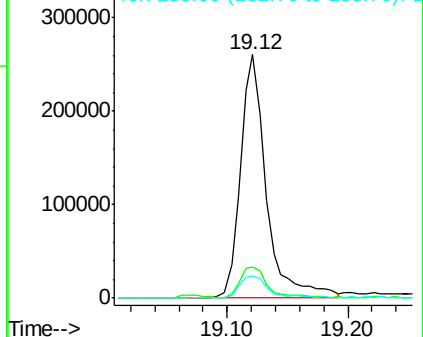
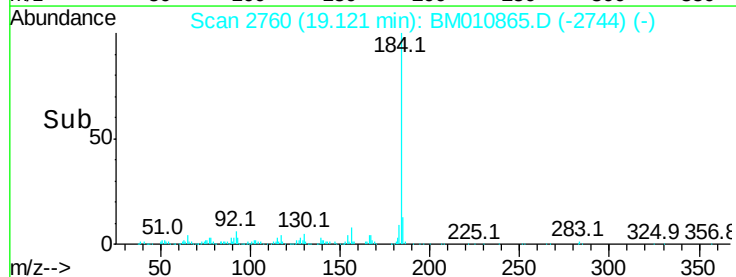


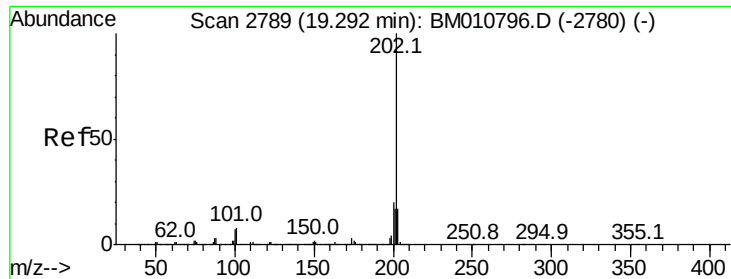
Abundance

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



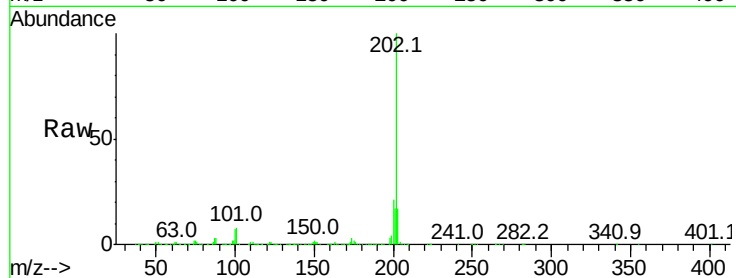


#77
 Pvrene
 Concen: 57.003 ng
 RT: 19.29 min Scan# 2788
 Delta R.T. -0.01 min
 Lab File: BM010865.D
 Acq: 18 Jul 2017 09:31

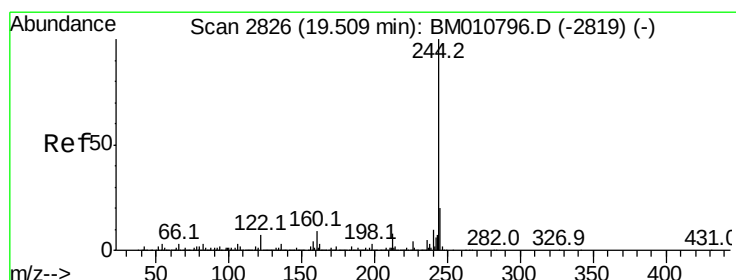
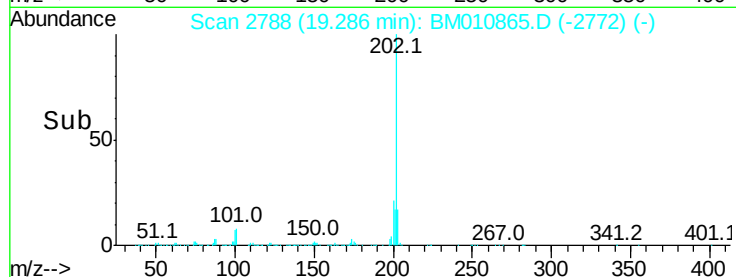
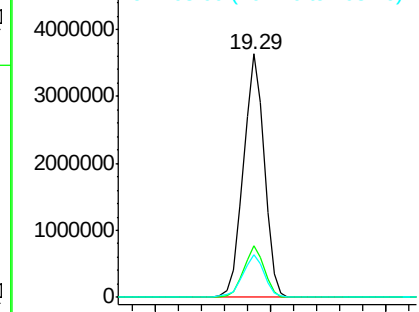
Instrument :
 BNA_M
 ClientSampled :

Tot Ion:202 Resp: 4539284

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	17.5	14.1	21.1



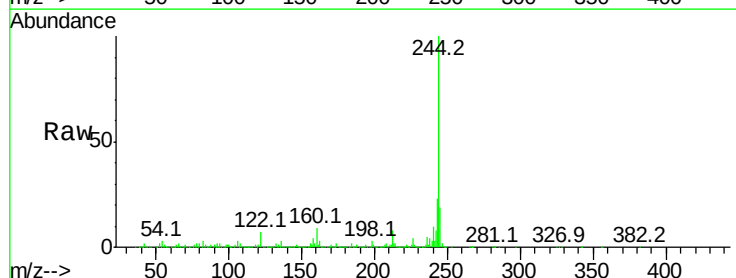
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E



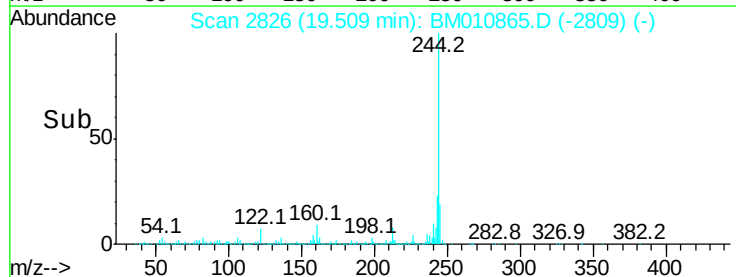
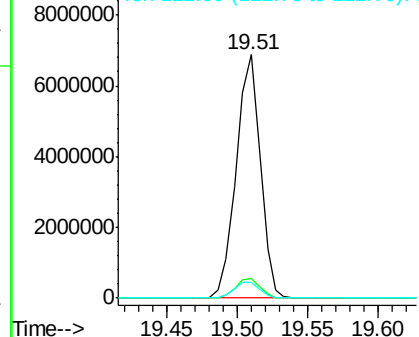
#78
 Terphenyl-d14
 Concen: 115.620 ng
 RT: 19.51 min Scan# 2826
 Delta R.T. 0.00 min
 Lab File: BM010865.D
 Acq: 18 Jul 2017 09:31

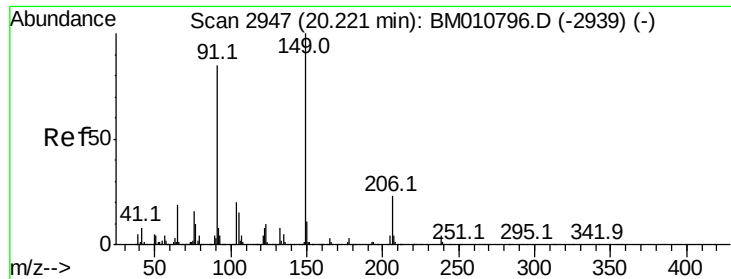
Tgt Ion:244 Resp: 8211592

Ion	Ratio	Lower	Upper
244	100		
212	8.0	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

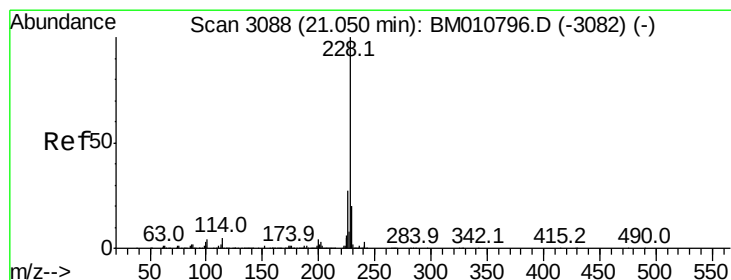
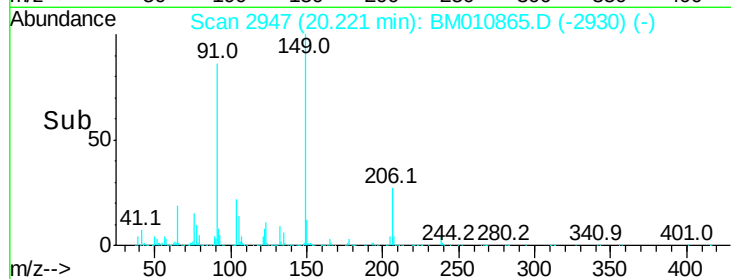
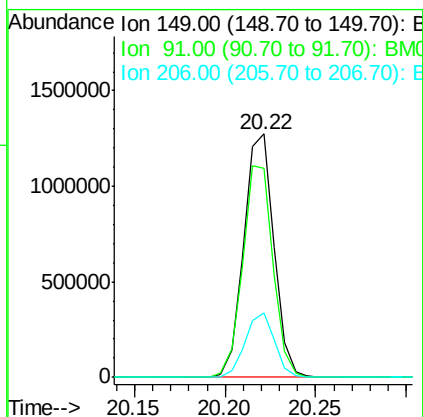
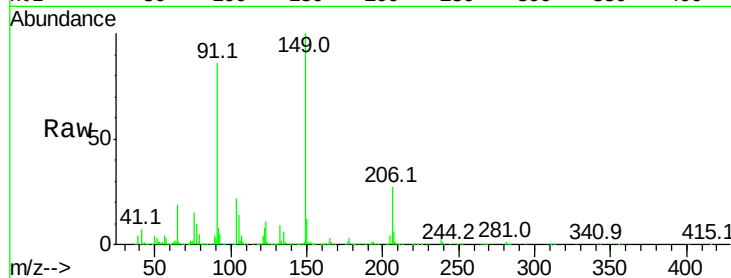




#79
Butylbenzylphthalate
Concen: 52.805 ng
RT: 20.22 min Scan# 2947
Delta R.T. 0.00 min
Lab File: BM010865.D
Acq: 18 Jul 2017 09:31

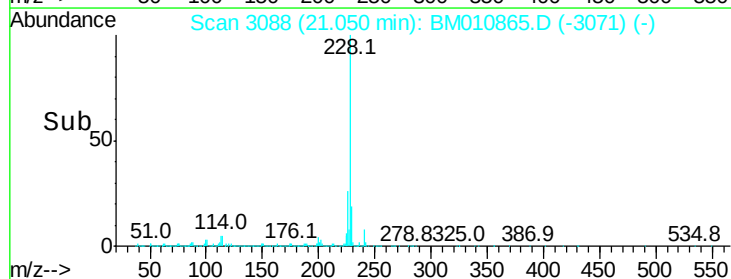
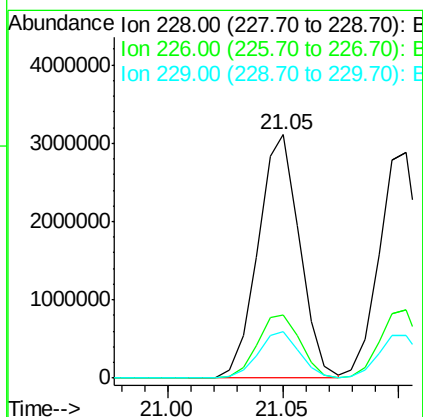
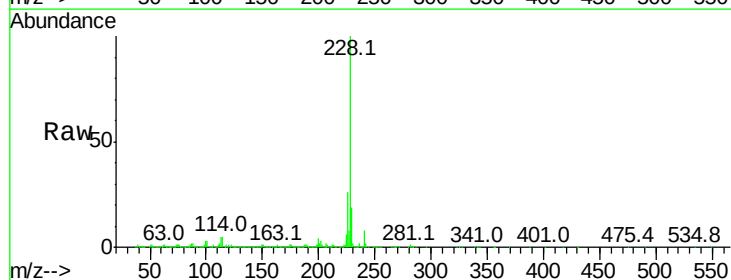
Instrument :
BNA_M
ClientSampleId :

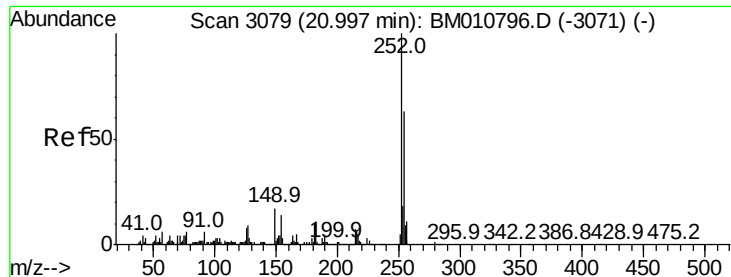
Tot Ion:149 Resp: 1472180
Ion Ratio Lower Upper
149 100
91 86.1 50.1 75.1#
206 26.5 16.2 24.2#



#80
Benzo(a)anthracene
Concen: 48.816 ng
RT: 21.05 min Scan# 3088
Delta R.T. 0.00 min
Lab File: BM010865.D
Acq: 18 Jul 2017 09:31

Tgt Ion:228 Resp: 3885535
Ion Ratio Lower Upper
228 100
226 25.8 21.7 32.5
229 19.1 16.0 24.0

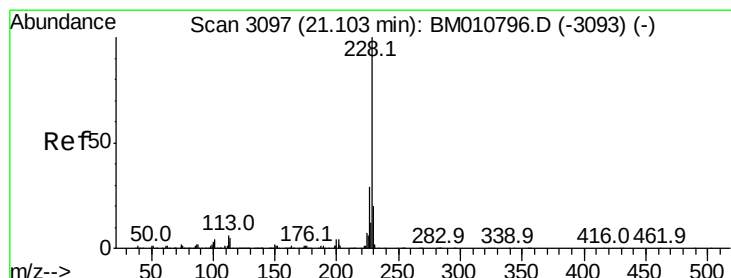
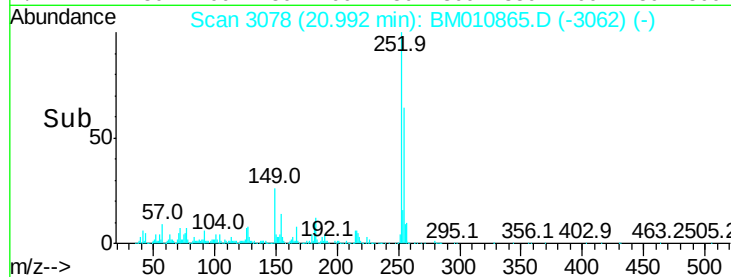
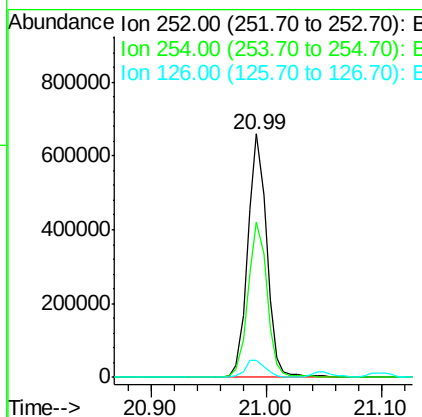
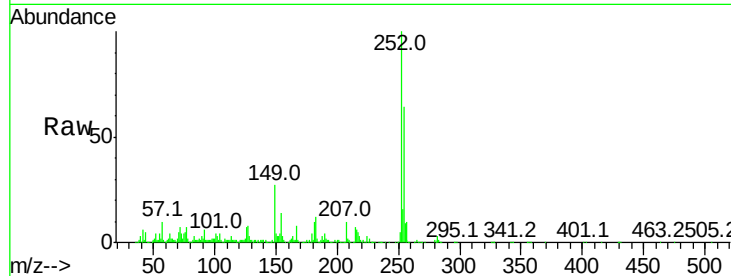




#81
 3,3'-Dichlorobenzidine
 Concen: 24.039 ng
 RT: 20.99 min Scan# 3078
 Delta R.T. -0.01 min
 Lab File: BM010865.D
 Acq: 18 Jul 2017 09:31

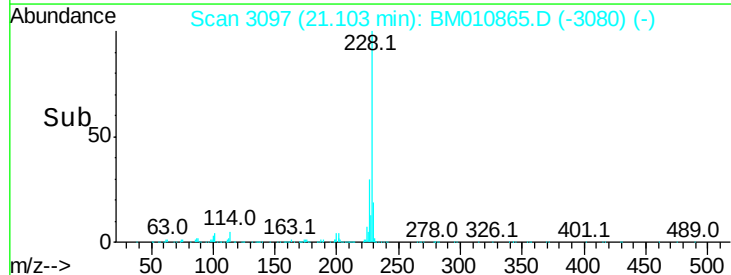
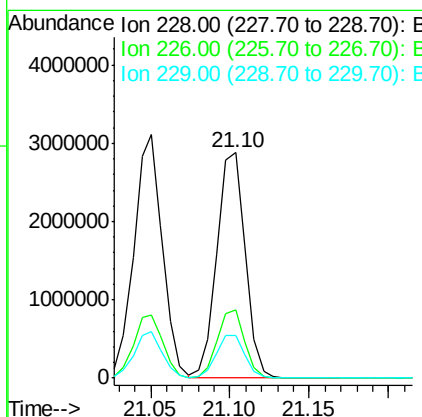
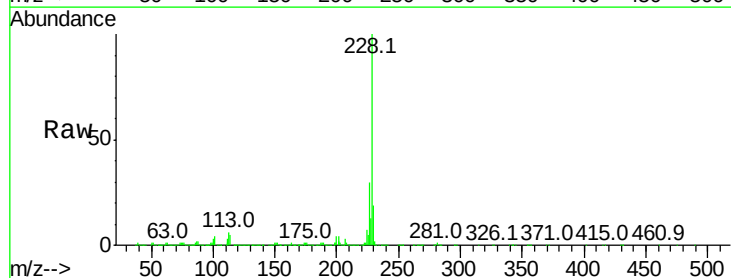
Instrument :
 BNA_M
 ClientSampleId :

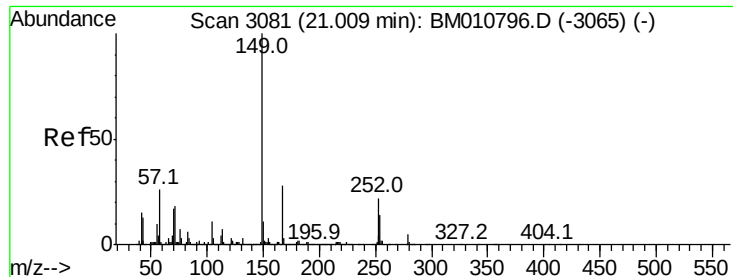
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.9	77.9
126	7.1	9.8	14.8



#82
 Chrysene
 Concen: 47.232 ng
 RT: 21.10 min Scan# 3097
 Delta R.T. 0.00 min
 Lab File: BM010865.D
 Acq: 18 Jul 2017 09:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.1	36.1
229	19.1	15.5	23.3



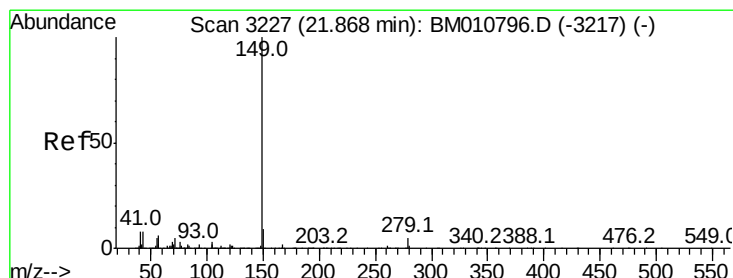
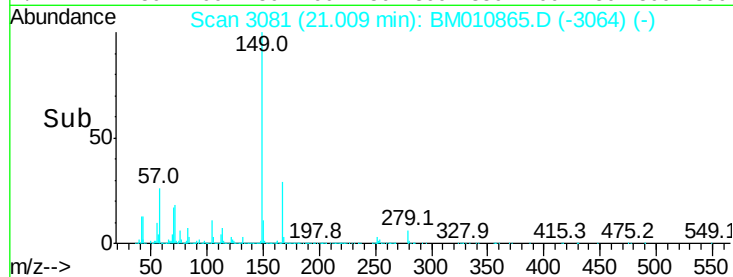
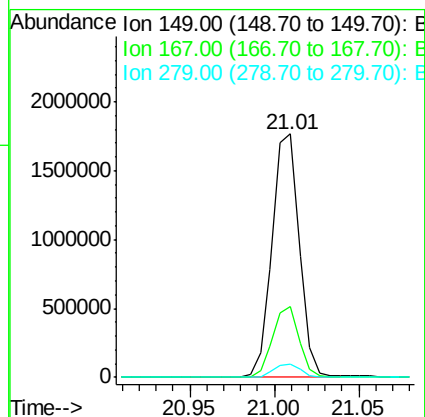
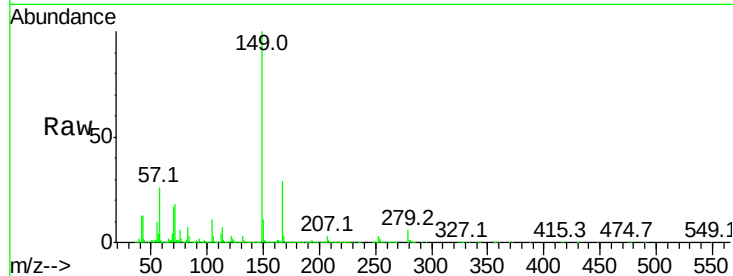


#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.586 ng
 RT: 21.01 min Scan# 3081
 Delta R.T. 0.00 min
 Lab File: BM010865.D
 Acq: 18 Jul 2017 09:31

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:149 Resp: 1972533

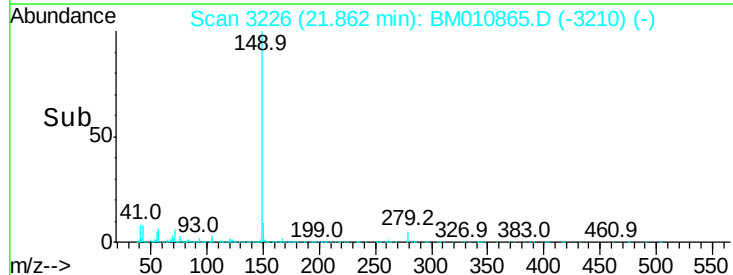
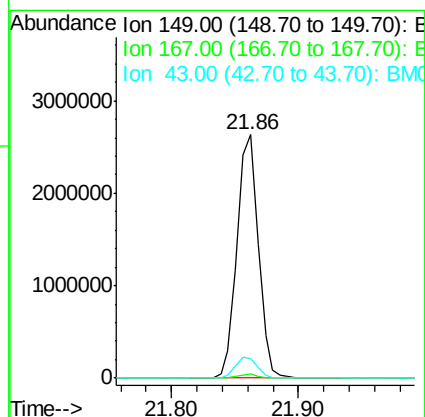
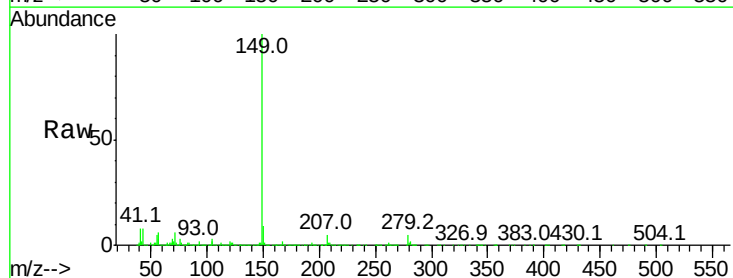
Ion	Ratio	Lower	Upper
149	100		
167	29.2	22.4	33.6
279	5.7	3.4	5.0

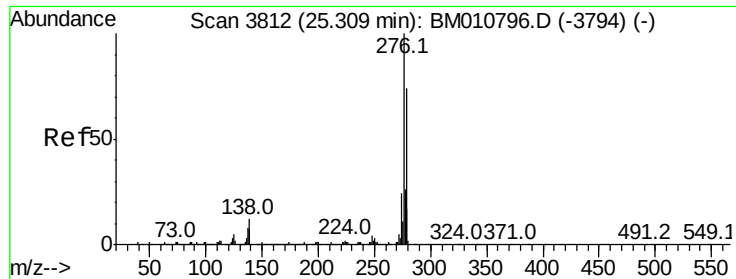


#84
 Di-n-octyl phthalate
 Concen: 45.615 ng
 RT: 21.86 min Scan# 3226
 Delta R.T. -0.01 min
 Lab File: BM010865.D
 Acq: 18 Jul 2017 09:31

Tgt Ion:149 Resp: 3034295

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	8.8	7.3	10.9

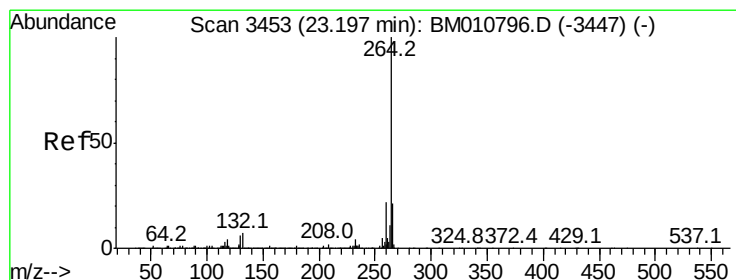
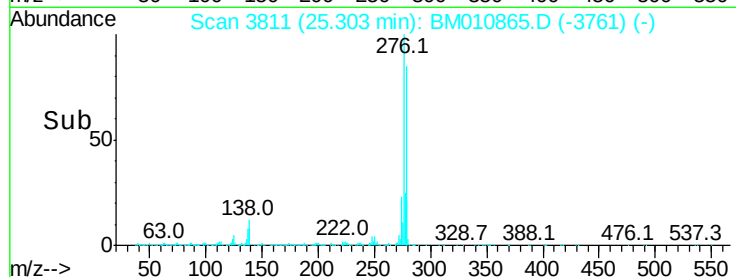
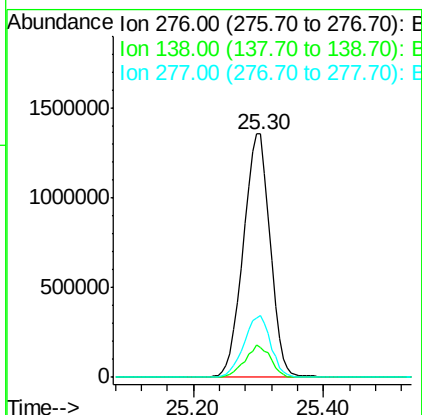
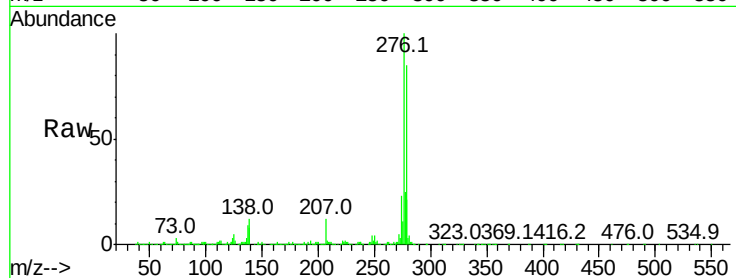




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.676 ng
 RT: 25.30 min Scan# 3811
 Delta R.T. -0.01 min
 Lab File: BM010865.D
 Acq: 18 Jul 2017 09:31

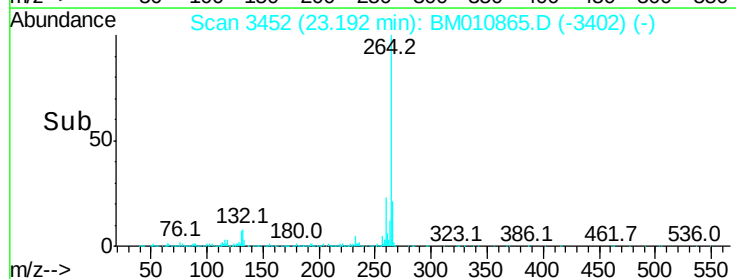
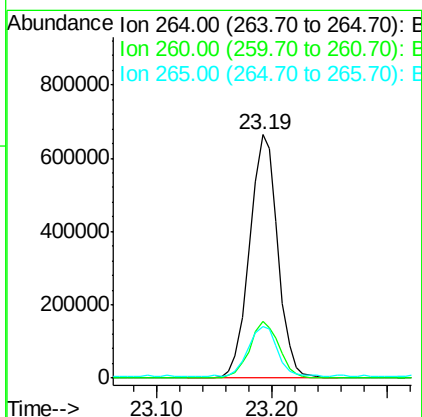
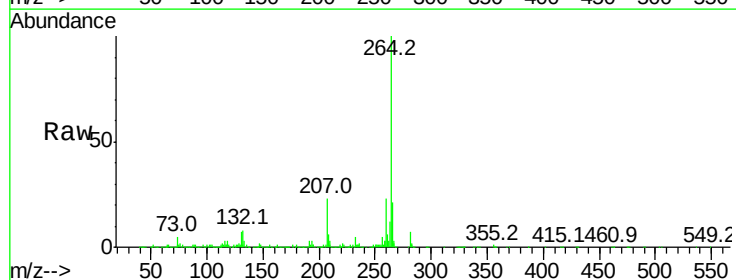
Instrument :
 BNA_M
 ClientSampleId :

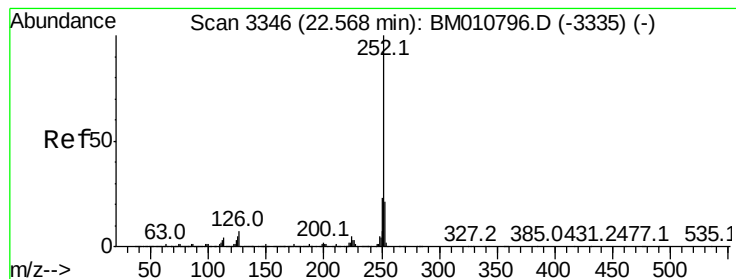
Tot Ion:276 Resp: 3883345
 Ion Ratio Lower Upper
 276 100
 138 12.7 0.0 0.0#
 277 25.3 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.19 min Scan# 3452
 Delta R.T. -0.01 min
 Lab File: BM010865.D
 Acq: 18 Jul 2017 09:31

Tgt Ion:264 Resp: 1129823
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 27.8
 265 21.3 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 50.250 ng

RT: 22.56 min Scan# 3345

Delta R.T. -0.01 min

Lab File: BM010865.D

Acq: 18 Jul 2017 09:31

Instrument :

BNA_M

ClientSampleId :

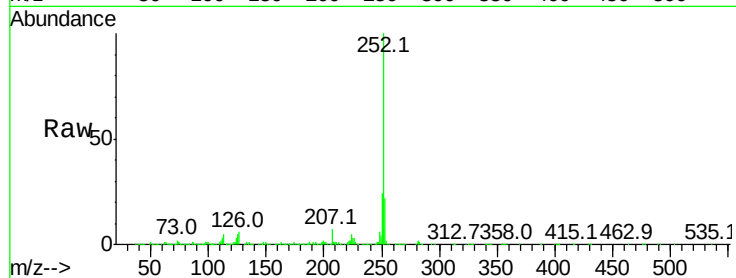
Tot Ion:252 Resp: 3606305

Ion Ratio Lower Upper

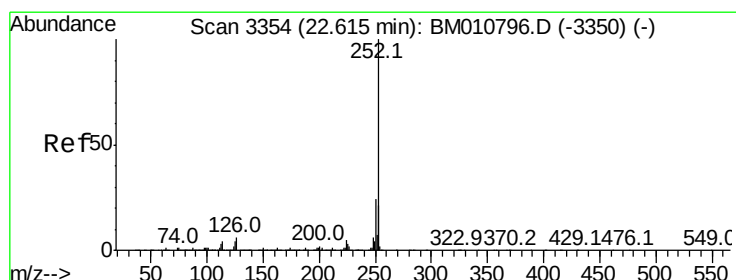
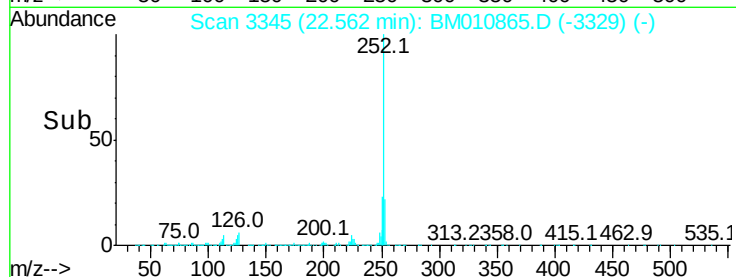
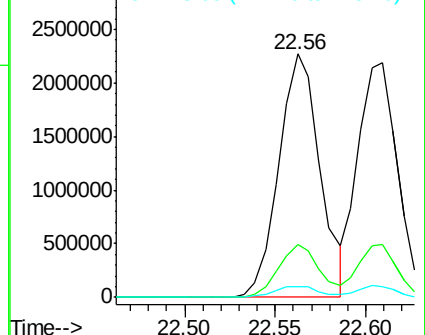
252 100

253 21.8 18.0 27.0

125 4.6 9.9 14.9#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 48.415 ng

RT: 22.61 min Scan# 3353

Delta R.T. -0.01 min

Lab File: BM010865.D

Acq: 18 Jul 2017 09:31

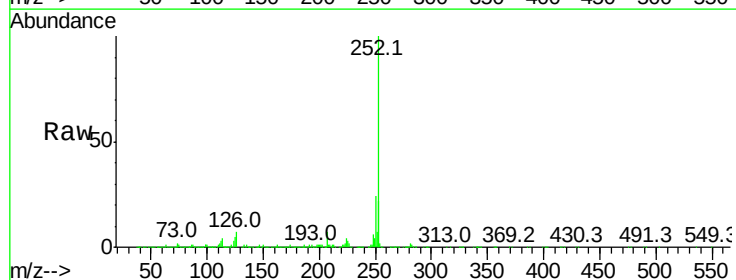
Tgt Ion:252 Resp: 3318744

Ion Ratio Lower Upper

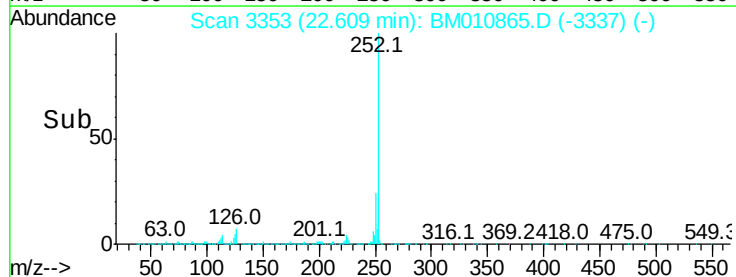
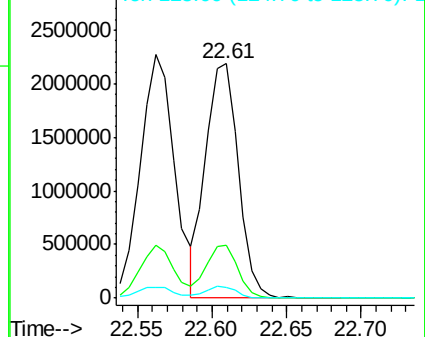
252 100

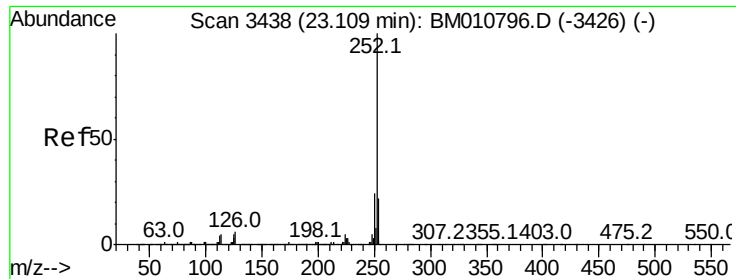
253 22.5 17.2 25.8

125 4.7 8.1 12.1#



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





#89

Benzo(a)pyrene

Concen: 50.985 ng

RT: 23.10 min Scan# 3437

Delta R.T. -0.01 min

Lab File: BM010865.D

Acq: 18 Jul 2017 09:31

Instrument :

BNA_M

ClientSampleId :

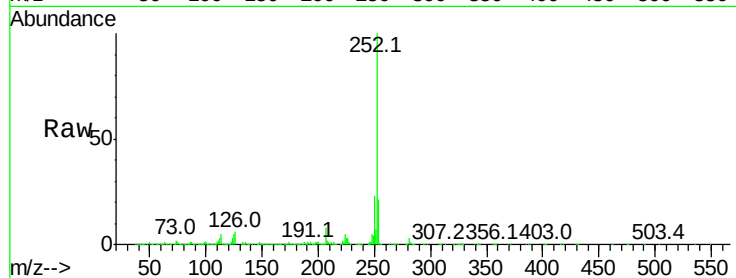
Tot Ion:252 Resp: 3330535

Ion	Ratio	Lower	Upper
252	100		
253	20.8	17.6	26.4
125	4.9	7.4	11.2

252 100

253 20.8 17.6 26.4

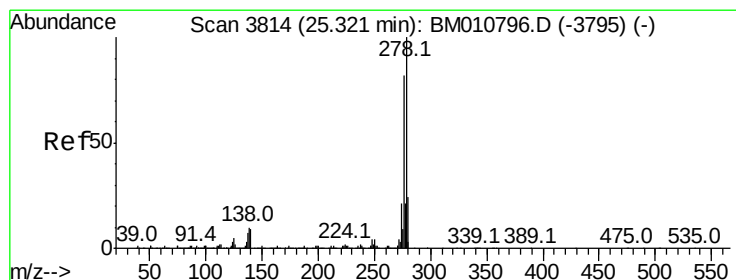
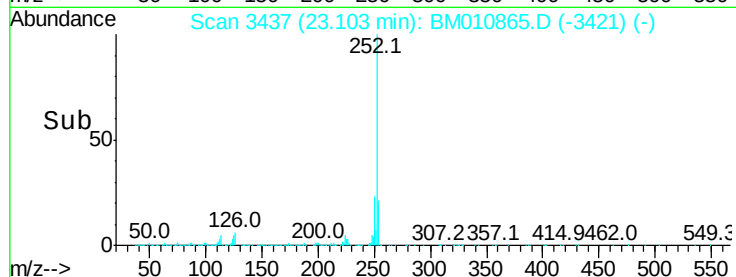
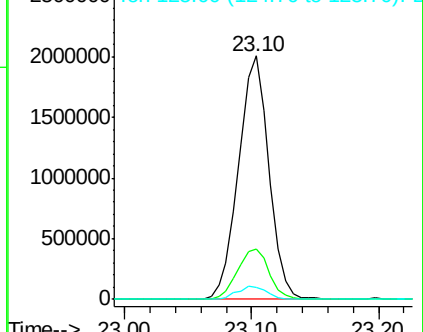
125 4.9 7.4 11.2#



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: 50.670 ng

RT: 25.31 min Scan# 3812

Delta R.T. -0.01 min

Lab File: BM010865.D

Acq: 18 Jul 2017 09:31

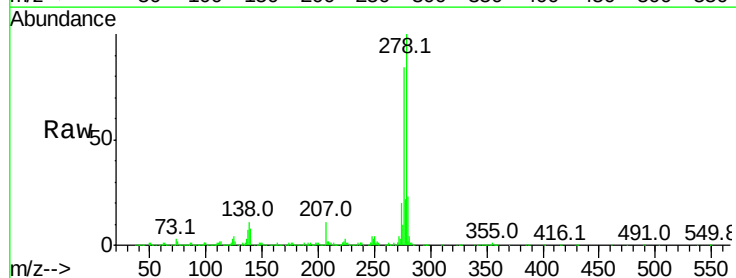
Tgt Ion:278 Resp: 3212550

Ion	Ratio	Lower	Upper
278	100		
139	8.1	13.4	20.0
279	23.1	19.0	28.4

278 100

139 8.1 13.4 20.0#

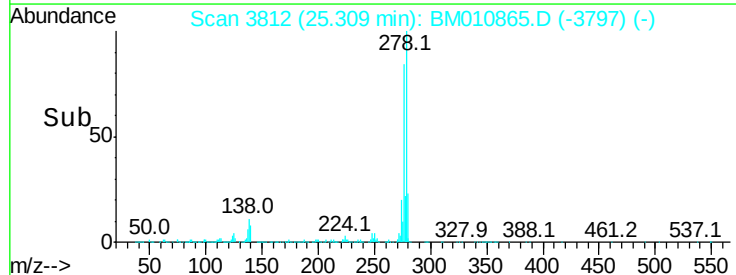
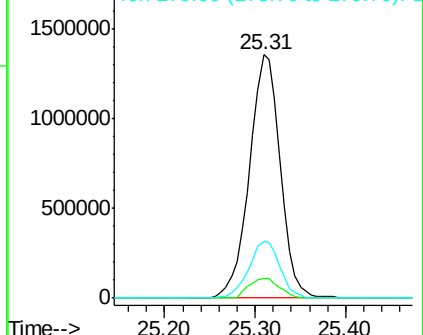
279 23.1 19.0 28.4

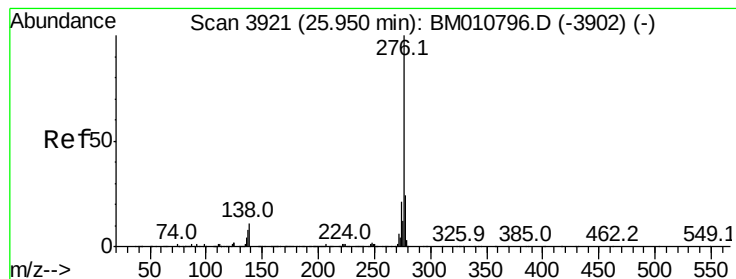


Abundance Ion 278.00 (277.70 to 278.70): E

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: 52.764 ng

RT: 25.94 min Scan# 3919

Delta R.T. -0.01 min

Lab File: BM010865.D

Acq: 18 Jul 2017 09:31

Instrument :

BNA_M

ClientSampleId :

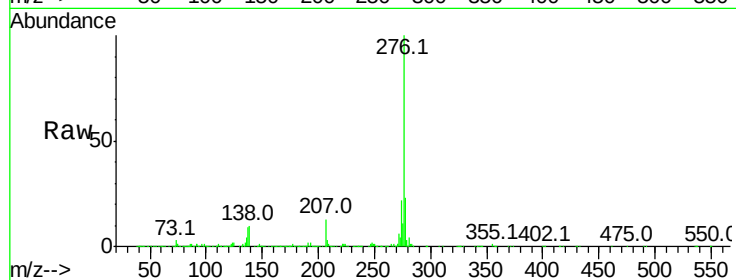
Tot Ion:276 Resp: 3288533

Ion Ratio Lower Upper

276 100

277 22.8 18.5 27.7

138 10.0 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

