

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012919\
 Data File : BM018686.D
 Acq On : 29 Jan 2019 20:26
 Operator : JU/SJ
 Sample : K1008-04MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 30 00:11:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 22:01:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	242482	20.00	ng	-0.01
21) Naphthalene-d8	10.52	136	893589	20.00	ng	-0.01
39) Acenaphthene-d10	14.37	164	450355	20.00	ng	-0.01
64) Phenanthrene-d10	17.13	188	894470	20.00	ng	-0.01
76) Chrysene-d12	21.32	240	818256	20.00	ng	-0.01
87) Perylene-d12	23.59	264	846392	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	1653897	125.94	ng	0.00
7) Phenol-d6	6.90	99	1909923	114.51	ng	0.00
23) Nitrobenzene-d5	8.89	82	1502780	97.49	ng	-0.01
42) 2,4,6-Tribromophenol	15.87	330	745098	129.94	ng	-0.01
45) 2-Fluorobiphenyl	12.99	172	3118069	90.34	ng	-0.01
79) Terphenyl-d14	19.76	244	3681621	94.85	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.28	88	208415	38.940	ng	# 35
3) Pyridine	3.68	79	518087	38.825	ng	# 76
4) n-Nitrosodimethylamine	3.59	42	204480	37.057	ng	# 52
6) Aniline	7.07	93	140261	7.539	ng	98
8) 2-Chlorophenol	7.29	128	655168	42.718	ng	98
9) Benzaldehyde	6.88	77	487004	58.358	ng	94
10) Phenol	6.93	94	656980	38.762	ng	99
11) bis(2-Chloroethyl)ether	7.16	93	603705	45.332	ng	95
12) 1,3-Dichlorobenzene	7.61	146	734140	40.193	ng	96
13) 1,4-Dichlorobenzene	7.76	146	746778	40.339	ng	98
14) 1,2-Dichlorobenzene	8.07	146	714039	40.677	ng	99
15) Benzyl Alcohol	7.97	79	586156	48.657	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.25	45	529144	31.091	ng	76
17) 2-Methylphenol	8.17	107	502761	43.700	ng	95
18) Hexachloroethane	8.79	117	271249	41.094	ng	95
19) n-Nitroso-di-n-propylamine	8.53	70	503229	46.362	ng	# 75
20) 3+4-Methylphenols	8.50	107	663974	41.806	ng	96
22) Acetophenone	8.56	105	946295	42.809	ng	# 91
24) Nitrobenzene	8.93	77	755199	49.793	ng	93
25) Isophorone	9.46	82	1256346	53.824	ng	98
26) 2-Nitrophenol	9.64	139	335457	45.742	ng	95
27) 2,4-Dimethylphenol	9.69	122	547303	49.790	ng	94
28) bis(2-Chloroethoxy)methane	9.93	93	786352	48.766	ng	99
29) 2,4-Dichlorophenol	10.17	162	583120	44.550	ng	98
30) 1,2,4-Trichlorobenzene	10.37	180	684016	42.102	ng	99
31) Naphthalene	10.56	128	1967421	45.716	ng	99
32) Benzoic acid	9.83	122	227215	33.044	ng	91
33) 4-Chloroaniline	10.70	127	67998	4.012	ng	95
34) Hexachlorobutadiene	10.83	225	424228	41.332	ng	99
35) Caprolactam	11.50	113	47613	10.699	ng	# 71
36) 4-Chloro-3-methylphenol	11.81	107	595036	43.331	ng	94
37) 2-Methylnaphthalene	12.18	142	1403273	46.151	ng	99
38) 1-Methylnaphthalene	12.40	142	1309377	44.506	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.55	216	725423	46.062	ng	99

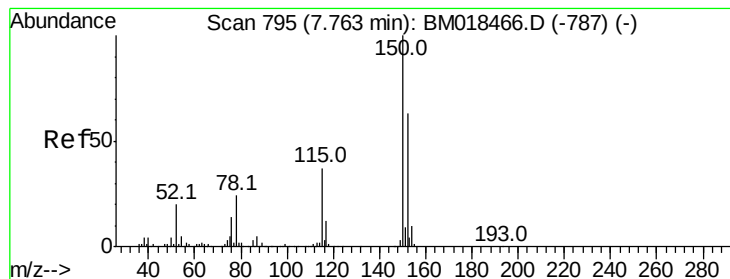
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012919\
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 QLast Update : Fri Jan 18 22:01:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.52	237	921424	106.605	ng	100
43) 2,4,6-Trichlorophenol	12.80	196	453557	47.426	ng	99
44) 2,4,5-Trichlorophenol	12.87	196	472520	46.979	ng	98
46) 1,1'-Biphenyl	13.20	154	1731579	44.035	ng	100
47) 2-Chloronaphthalene	13.24	162	1332461	43.697	ng	99
48) 2-Nitroaniline	13.47	65	352141	46.939	ng	96
49) Acenaphthylene	14.10	152	2070575	46.595	ng	99
50) Dimethylphthalate	13.84	163	1563487	42.272	ng	99
51) 2,6-Dinitrotoluene	13.96	165	339675	43.356	ng	96
52) Acenaphthene	14.44	154	1192906	43.873	ng	98
53) 3-Nitroaniline	14.30	138	47913	6.066	ng	88
54) 2,4-Dinitrophenol	14.50	184	289785	69.376	ng	95
55) Dibenzofuran	14.77	168	1904557	42.394	ng	99
56) 4-Nitrophenol	14.61	139	480485	70.416	ng	94
57) 2,4-Dinitrotoluene	14.75	165	457465	41.269	ng	91
58) Fluorene	15.43	166	1510183	45.125	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.00	232	410329	46.025	ng	98
60) Diethylphthalate	15.20	149	1533960	41.083	ng	99
61) 4-Chlorophenyl-phenylether	15.42	204	782454	40.566	ng	98
62) 4-Nitroaniline	15.46	138	253772	29.456	ng	97
63) Azobenzene	15.72	77	1460796	47.985	ng	92
65) 4,6-Dinitro-2-methylphenol	15.52	198	217146	39.201	ng	85
66) n-Nitrosodiphenylamine	15.64	169	1292018	46.566	ng	98
67) 4-Bromophenyl-phenylether	16.32	248	457686	45.725	ng	97
68) Hexachlorobenzene	16.42	284	505162	45.081	ng	99
69) Atrazine	16.60	200	432883	43.156	ng	98
70) Pentachlorophenol	16.77	266	586750	79.951	ng	99
71) Phenanthrene	17.17	178	2233635	46.948	ng	100
72) Anthracene	17.26	178	2242747	49.022	ng	100
73) Carbazole	17.54	167	1951108	41.510	ng	99
74) Di-n-butylphthalate	18.09	149	2338466	45.419	ng	100
75) Fluoranthene	19.19	202	2422439	44.163	ng	99
77) Benzidine	19.39	184	427056	21.137	ng	99
78) Pyrene	19.56	202	2450744	50.529	ng	99
80) Butylbenzylphthalate	20.46	149	966989	46.723	ng	96
81) Benzo(a)anthracene	21.30	228	2283548	47.372	ng	99
82) 3,3'-Dichlorobenzidine	21.24	252	221421	12.147	ng	100
83) Chrysene	21.36	228	2141853	46.013	ng	99
84) Bis(2-ethylhexyl)phthalate	21.23	149	1335103	44.674	ng	100
85) Di-n-octyl phthalate	22.12	149	2290277	45.564	ng	# 91
86) Indeno(1,2,3-cd)pyrene	25.89	276	2915805	54.322	ng	97
88) Benzo(b)fluoranthene	22.90	252	2351559	48.938	ng	98
89) Benzo(k)fluoranthene	22.95	252	2206524	45.565	ng	98
90) Benzo(a)pyrene	23.49	252	2268410	49.311	ng	98
91) Dibenzo(a,h)anthracene	25.90	278	2456986	52.712	ng	99
92) Benzo(g,h,i)perylene	26.60	276	2445876	53.922	ng	98

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

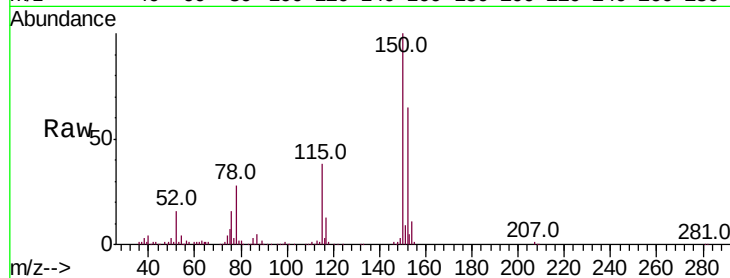


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BM018686.D
Acq: 29 Jan 2019 20:26

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	126.9	190.3
115	58.8	45.5	68.3

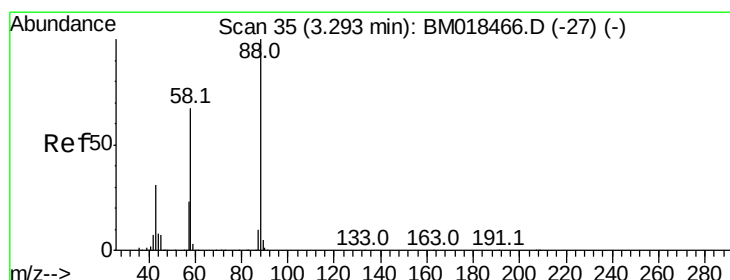
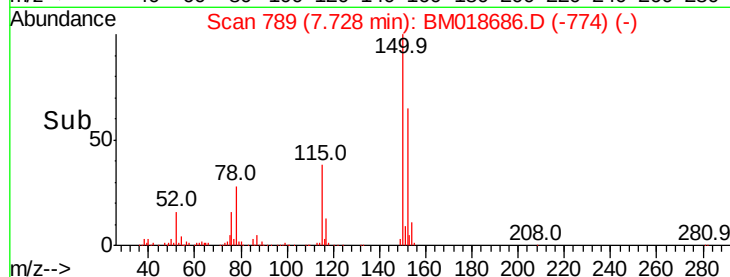
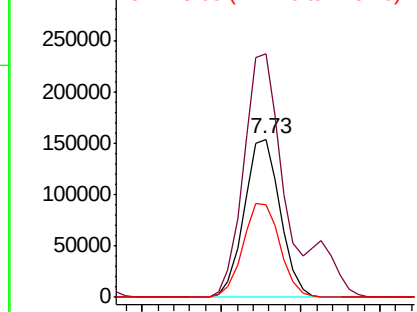


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

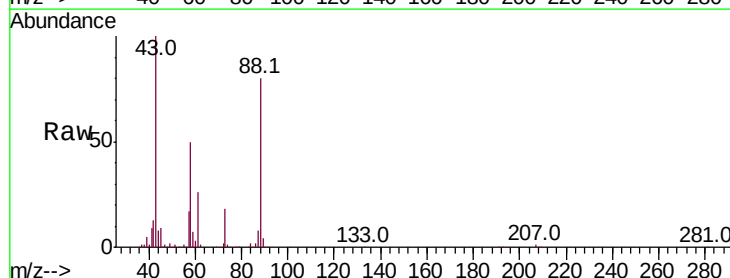
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.940 ng
RT: 3.28 min Scan# 32
Delta R.T. -0.00 min
Lab File: BM018686.D
Acq: 29 Jan 2019 20:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.5	58.4	87.6
43	132.3	26.2	39.4#

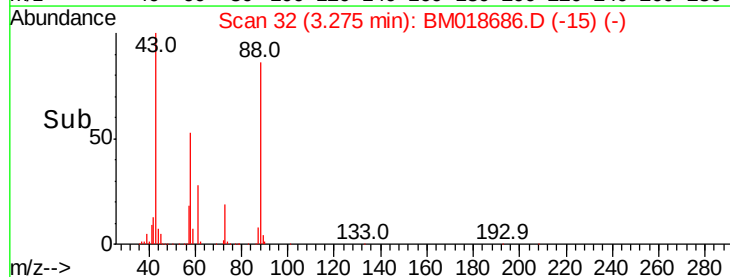
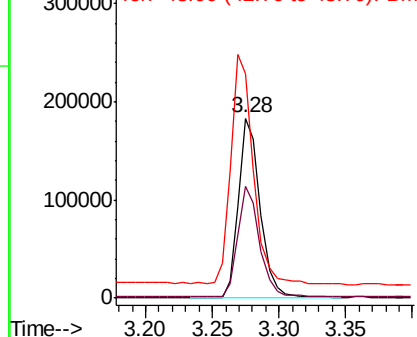


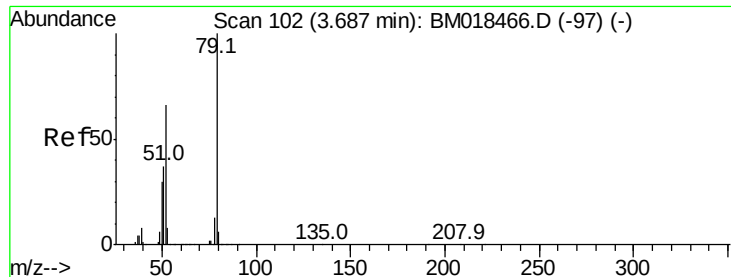
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 38.825 ng

RT: 3.68 min Scan# 101

Delta R.T. 0.01 min

Lab File: BM018686.D

Acq: 29 Jan 2019 20:26

Instrument :

BNA_M

ClientSampleId :

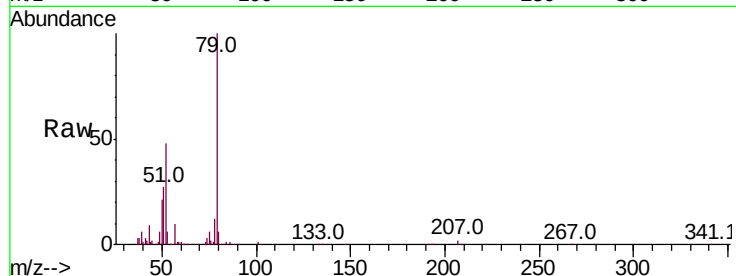
Tot Ion: 79 Resp: 518087

Ion Ratio Lower Upper

79 100

52 48.4 56.4 84.6#

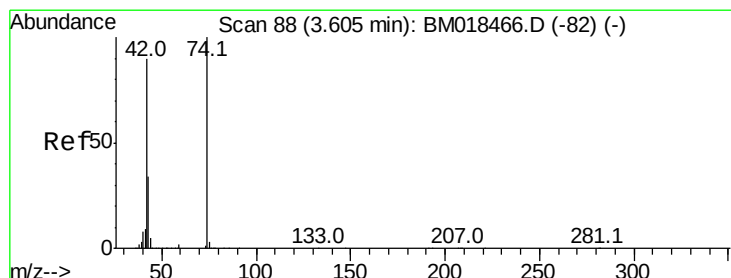
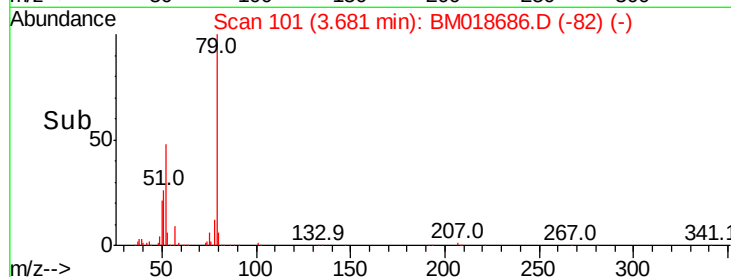
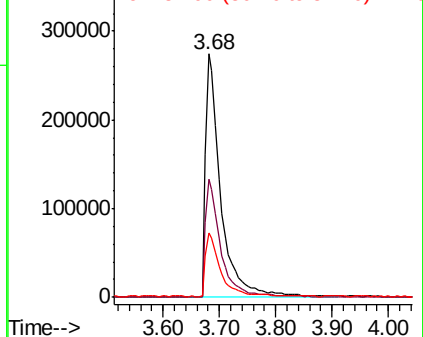
51 26.6 31.0 46.4#



Abundance Ion 79.00 (78.70 to 79.70): BM018466.D (-97) (-)

Ion 52.00 (51.70 to 52.70): BM018466.D (-97) (-)

Ion 51.00 (50.70 to 51.70): BM018466.D (-97) (-)



#4

n-Nitrosodimethylamine

Concen: 37.057 ng

RT: 3.59 min Scan# 85

Delta R.T. -0.01 min

Lab File: BM018686.D

Acq: 29 Jan 2019 20:26

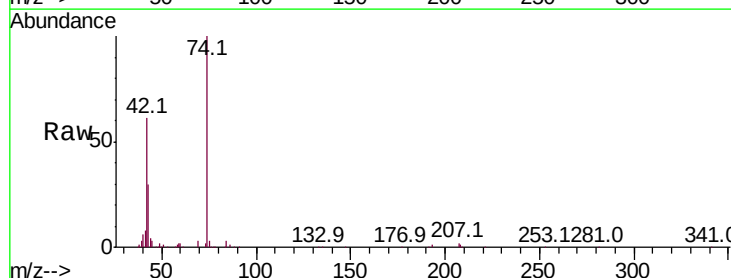
Tgt Ion: 42 Resp: 204480

Ion Ratio Lower Upper

42 100

74 164.7 88.6 132.8#

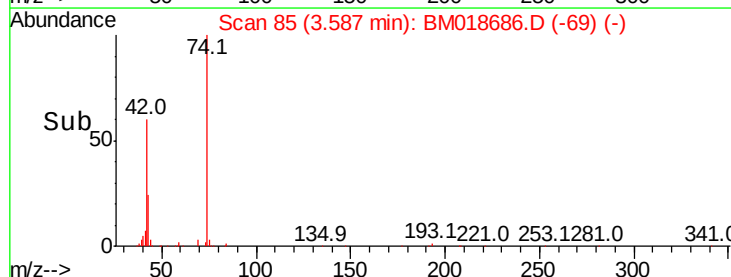
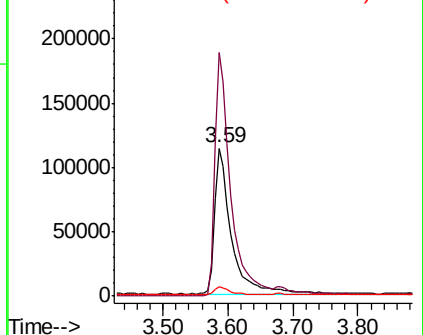
44 6.4 16.9 25.3#

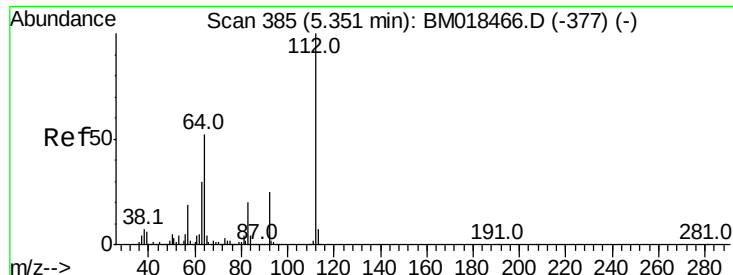


Abundance Ion 42.00 (41.70 to 42.70): BM018466.D (-82) (-)

Ion 74.00 (73.70 to 74.70): BM018466.D (-82) (-)

Ion 44.00 (43.70 to 44.70): BM018466.D (-82) (-)





#5

2-Fluorophenol

Concen: 125.944 ng

RT: 5.32 min Scan# 380

Delta R.T. -0.01 min

Lab File: BM018686.D

Acq: 29 Jan 2019 20:26

Instrument :

BNA_M

ClientSampleId :

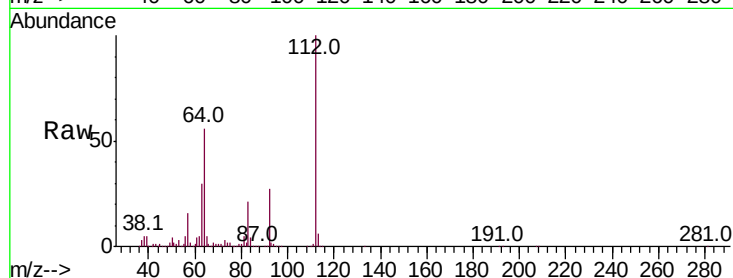
Tot Ion:112 Resp: 1653897

Ion Ratio Lower Upper

112 100

64 55.8 46.5 69.7

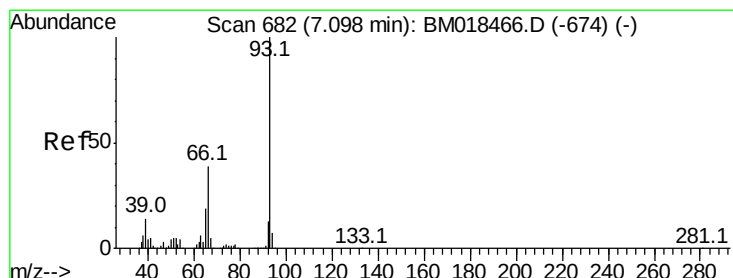
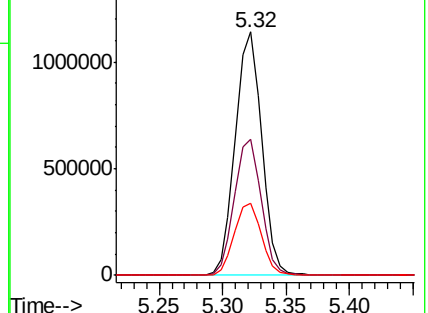
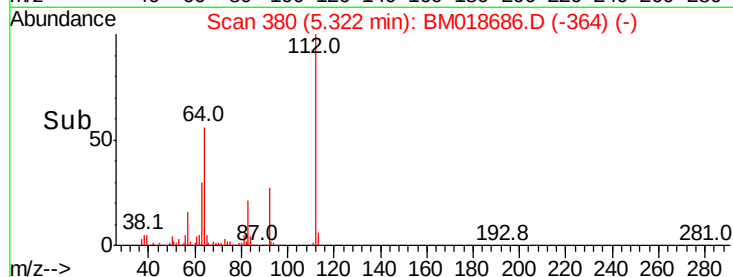
63 29.5 25.2 37.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 7.539 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BM018686.D

Acq: 29 Jan 2019 20:26

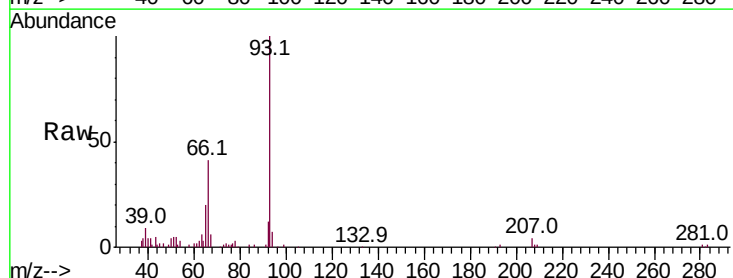
Tgt Ion: 93 Resp: 140261

Ion Ratio Lower Upper

93 100

66 41.5 31.7 47.5

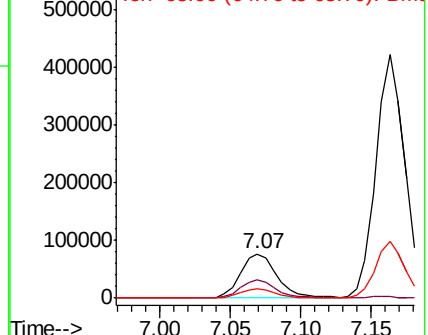
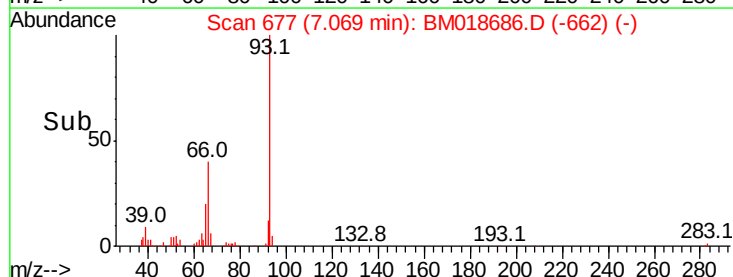
65 20.5 15.9 23.9

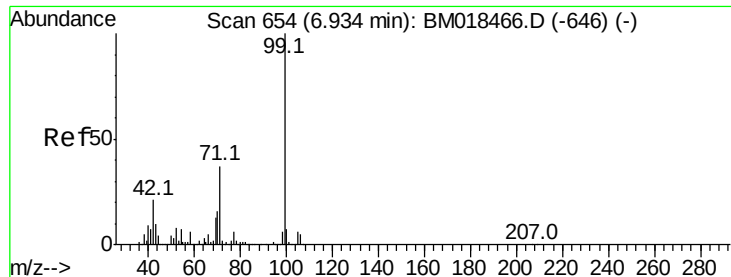


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 114.509 ng

RT: 6.90 min Scan# 649

Delta R.T. -0.01 min

Lab File: BM018686.D

Acq: 29 Jan 2019 20:26

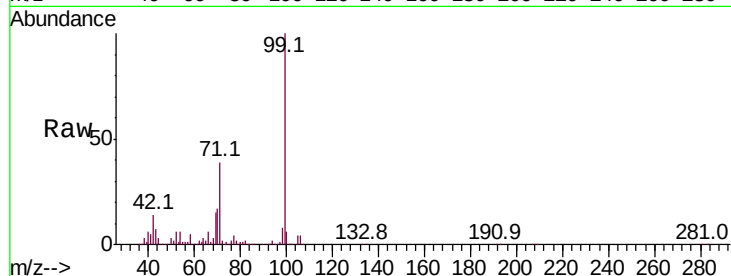
Instrument :

BNA_M

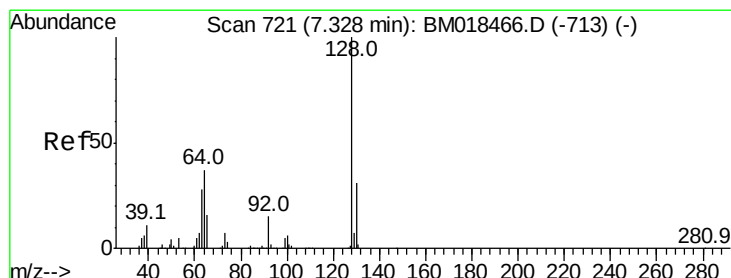
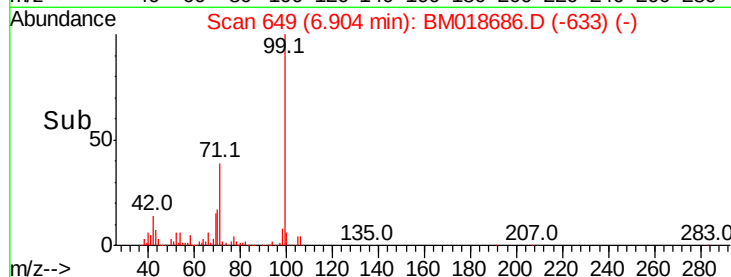
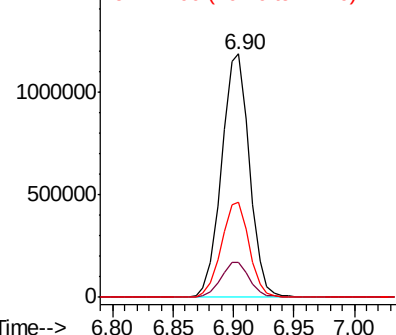
ClientSampleId :

Tot Ion: 99 Resp: 1909923

Ion	Ratio	Lower	Upper
99	100		
42	14.5	17.3	25.9#
71	39.2	28.0	42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018466.D (-646) (-)



#8

2-Chlorophenol

Concen: 42.718 ng

RT: 7.29 min Scan# 715

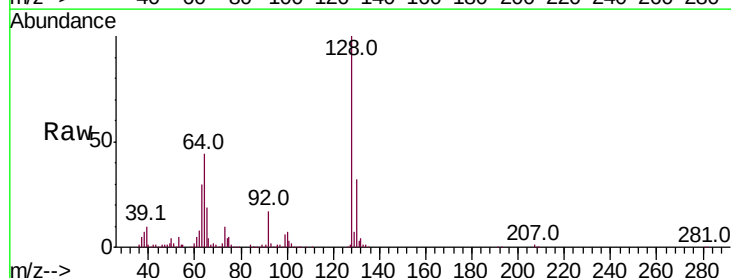
Delta R.T. -0.01 min

Lab File: BM018686.D

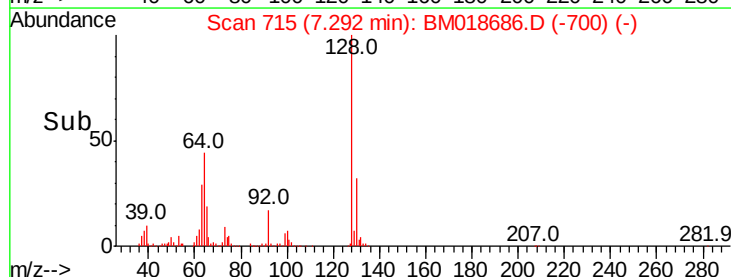
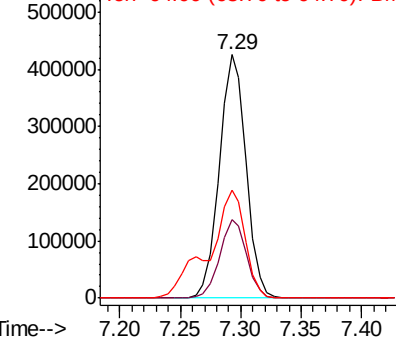
Acq: 29 Jan 2019 20:26

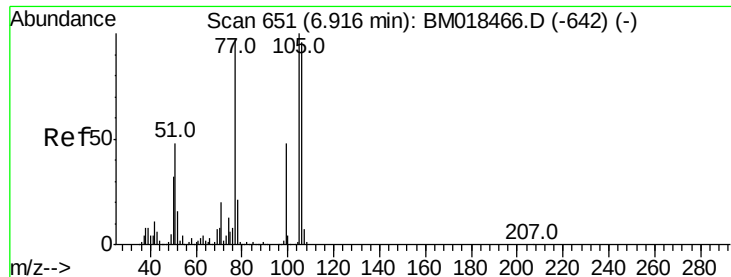
Tgt Ion: 128 Resp: 655168

Ion	Ratio	Lower	Upper
128	100		
130	32.2	13.6	53.6
64	44.2	24.8	64.8



Abundance Ion 128.00 (127.70 to 128.70): BM018466.D (-713) (-)





#9

Benzaldehyde

Concen: 58.358 ng

RT: 6.88 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM018686.D

Acq: 29 Jan 2019 20:26

Instrument :

BNA_M

ClientSampleId :

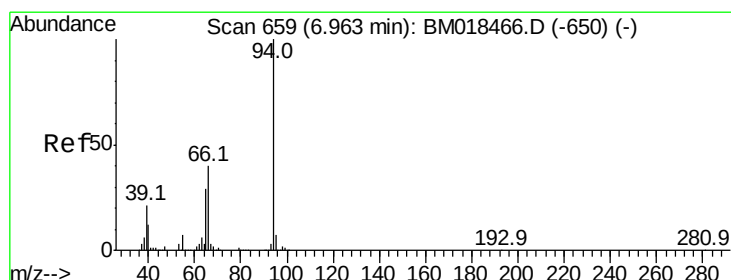
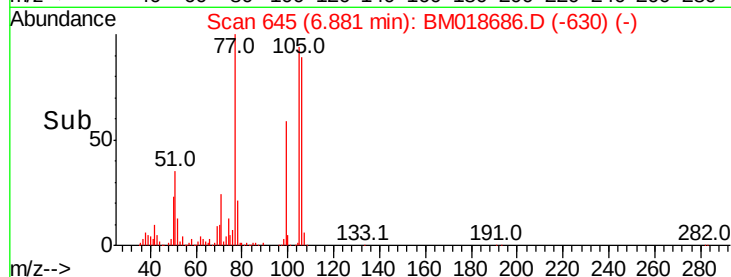
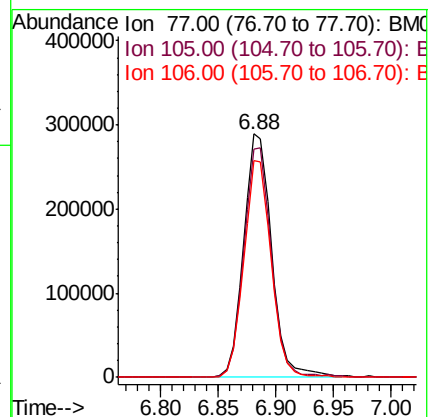
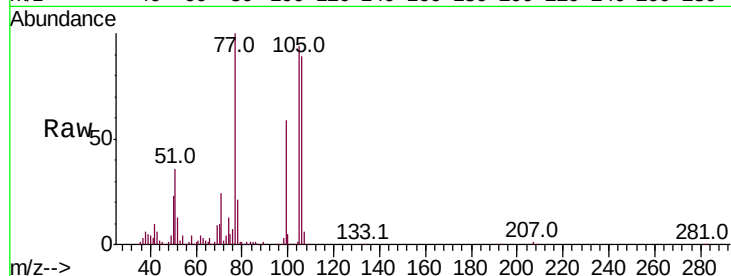
Tot Ion: 77 Resp: 487004

Ion Ratio Lower Upper

77 100

105 93.6 79.7 119.7

106 89.0 75.2 115.2



#10

Phenol

Concen: 38.762 ng

RT: 6.93 min Scan# 653

Delta R.T. -0.01 min

Lab File: BM018686.D

Acq: 29 Jan 2019 20:26

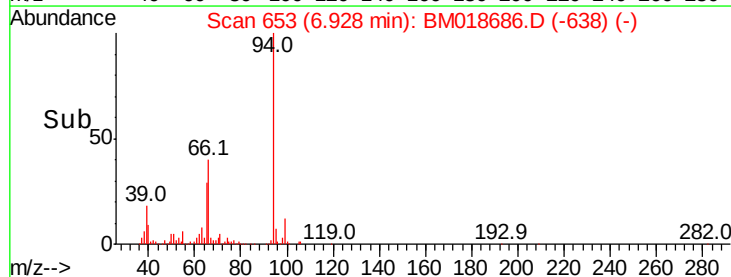
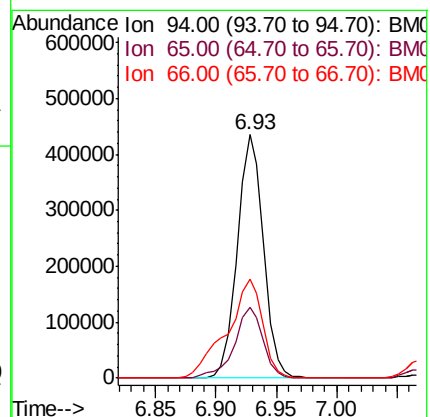
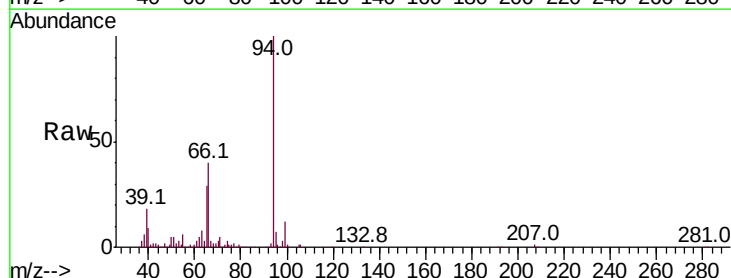
Tgt Ion: 94 Resp: 656980

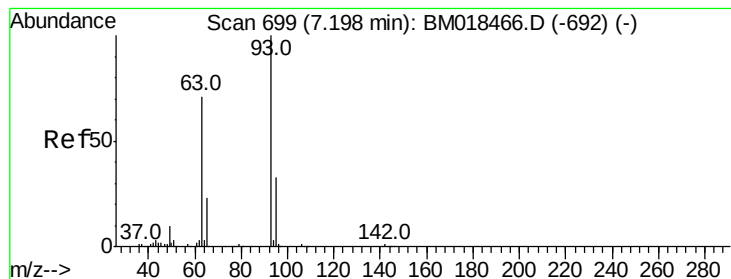
Ion Ratio Lower Upper

94 100

65 29.3 9.4 49.4

66 40.5 19.1 59.1

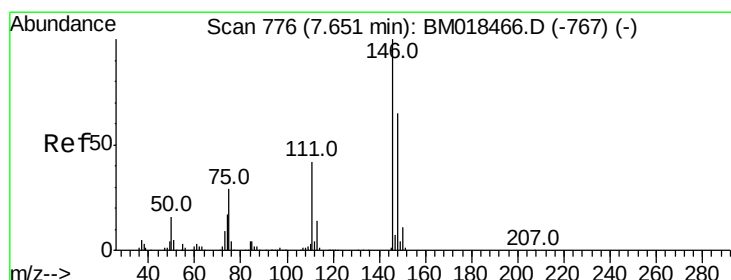
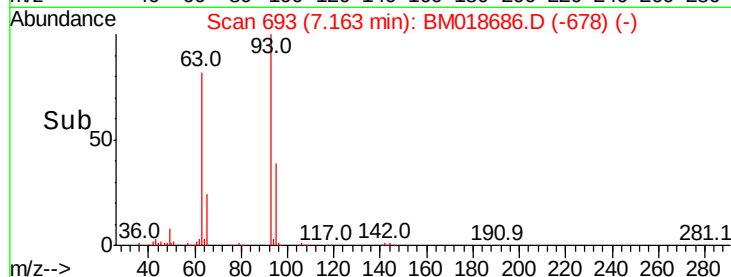
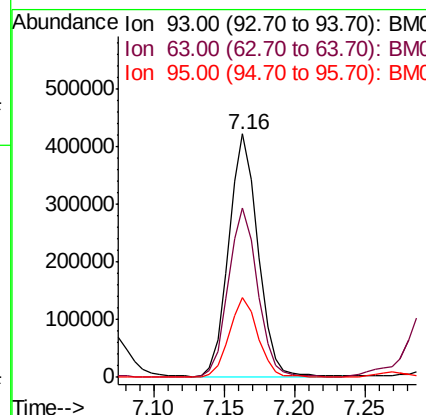
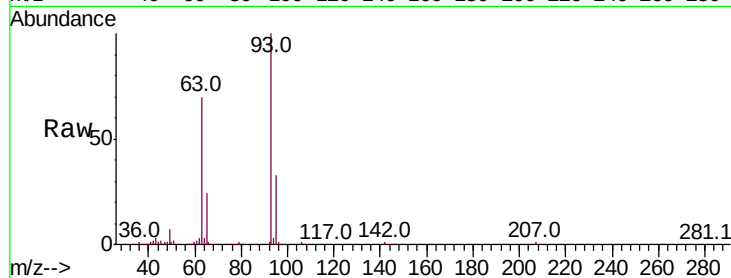




#11
bis(2-Chloroethyl)ether
Concen: 45.332 ng
RT: 7.16 min Scan# 693
Delta R.T. -0.01 min
Lab File: BM018686.D
Acq: 29 Jan 2019 20:26

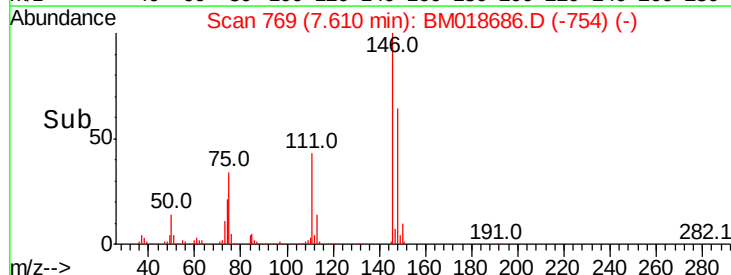
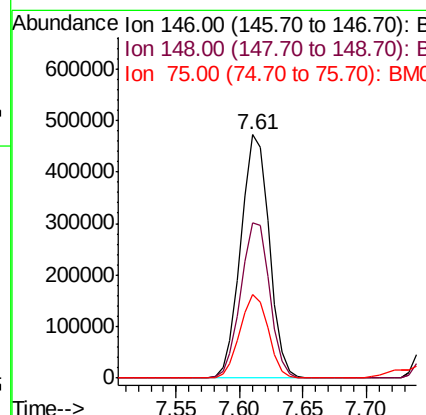
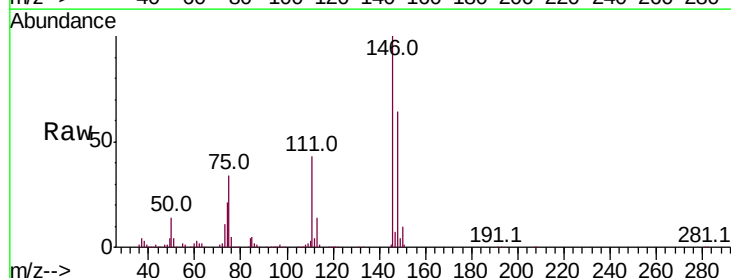
Instrument :
BNA_M
ClientSampled :

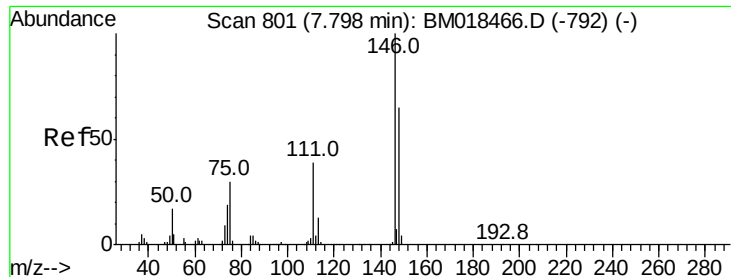
Tot Ion	Ratio	Lower	Upper
93	100		
63	69.8	56.4	96.4
95	32.9	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 40.193 ng
RT: 7.61 min Scan# 769
Delta R.T. -0.01 min
Lab File: BM018686.D
Acq: 29 Jan 2019 20:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.5	75.7
75	34.5	23.0	34.6

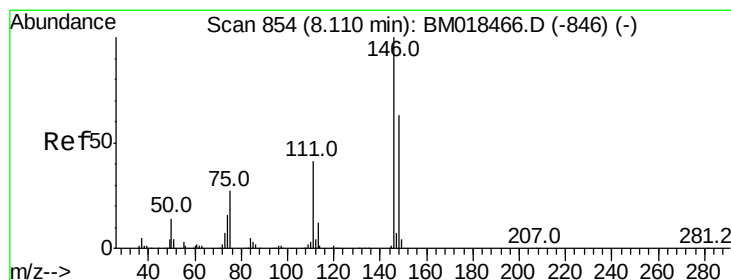
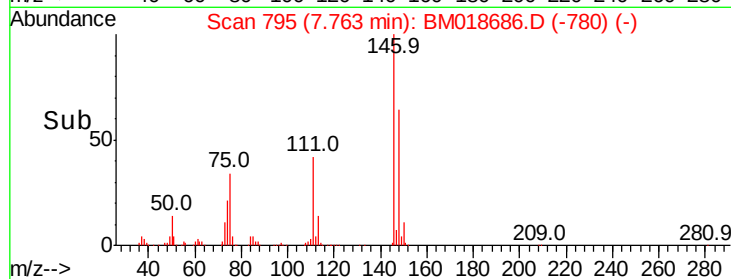
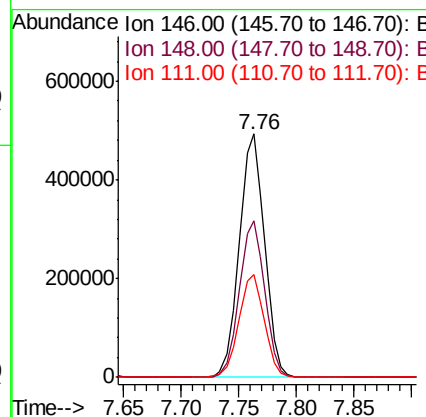
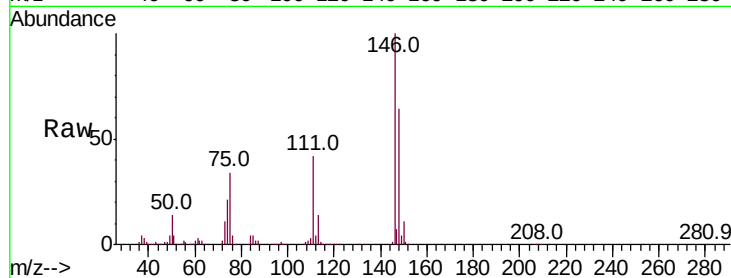




#13
 1,4-Dichlorobenzene
 Concen: 40.339 ng
 RT: 7.76 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BM018686.D
 Acq: 29 Jan 2019 20:26

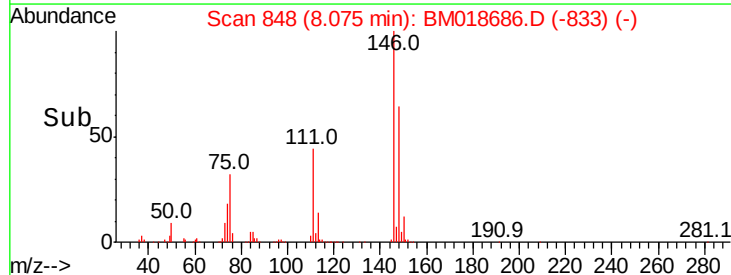
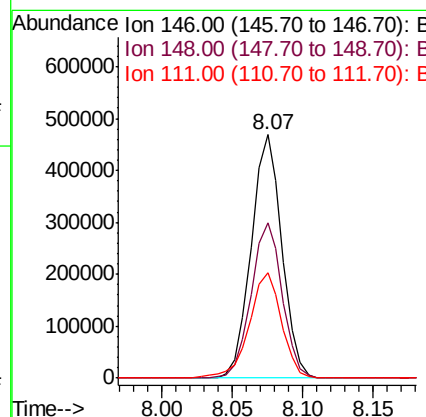
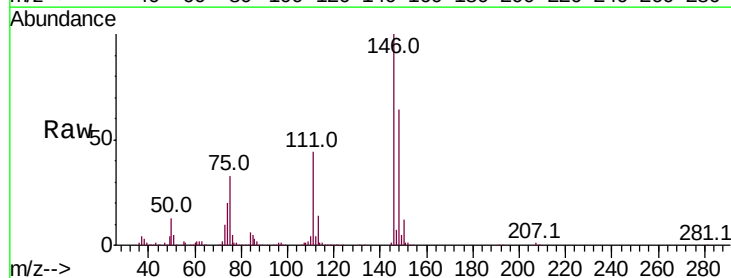
Instrument :
 BNA_M
 ClientSampleId :

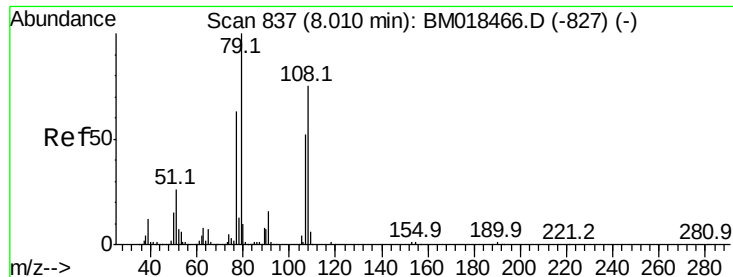
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.8	76.2
111	42.2	32.2	48.2



#14
 1,2-Dichlorobenzene
 Concen: 40.677 ng
 RT: 8.07 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BM018686.D
 Acq: 29 Jan 2019 20:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.0	76.6
111	43.5	33.8	50.6





#15

Benzyl Alcohol

Concen: 48.657 ng

RT: 7.97 min Scan# 831

Delta R.T. -0.01 min

Lab File: BM018686.D

Acq: 29 Jan 2019 20:26

Instrument :

BNA_M

ClientSampled :

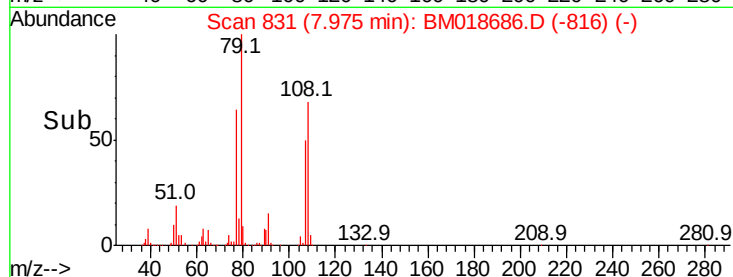
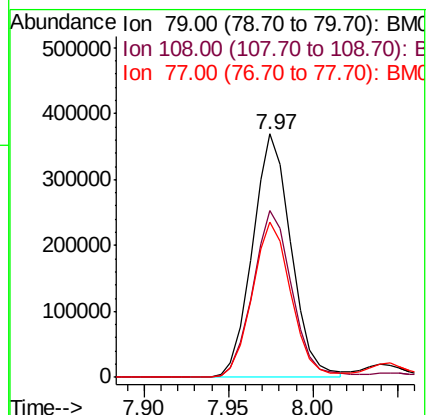
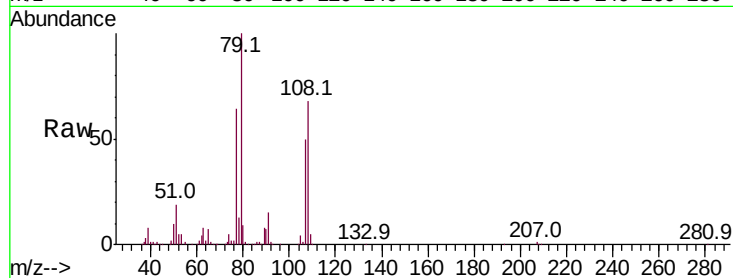
Tot Ion: 79 Resp: 586156

Ion Ratio Lower Upper

79 100

108 68.3 60.4 90.6

77 63.7 53.4 80.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.091 ng

RT: 8.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BM018686.D

Acq: 29 Jan 2019 20:26

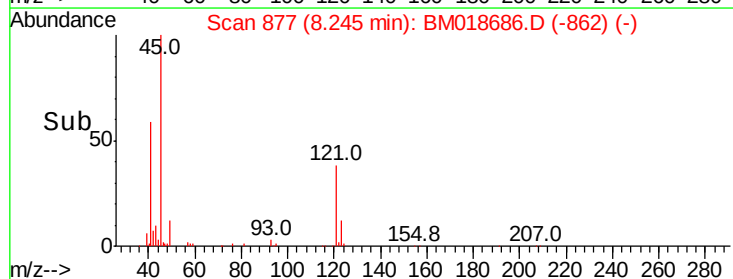
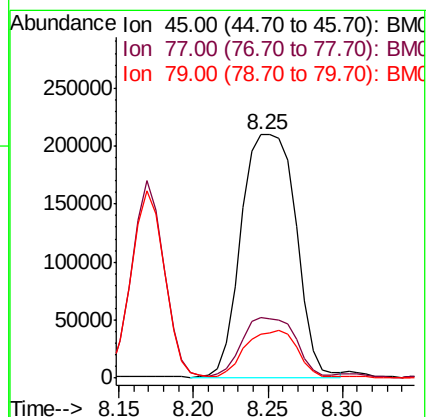
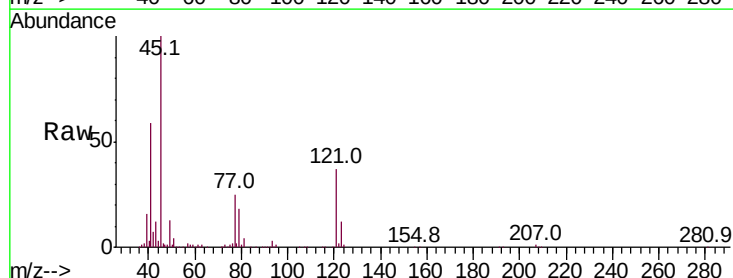
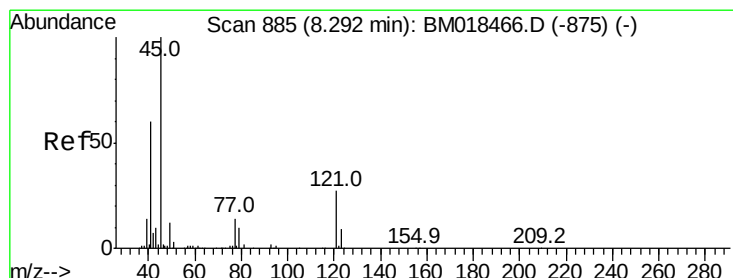
Tgt Ion: 45 Resp: 529144

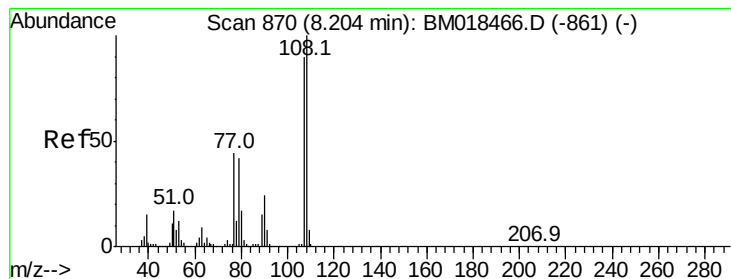
Ion Ratio Lower Upper

45 100

77 24.9 0.0 33.4

79 17.9 0.0 31.1

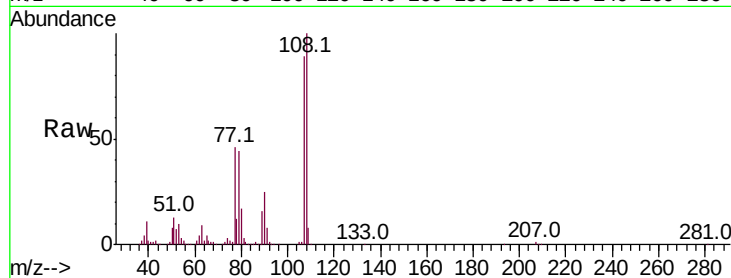




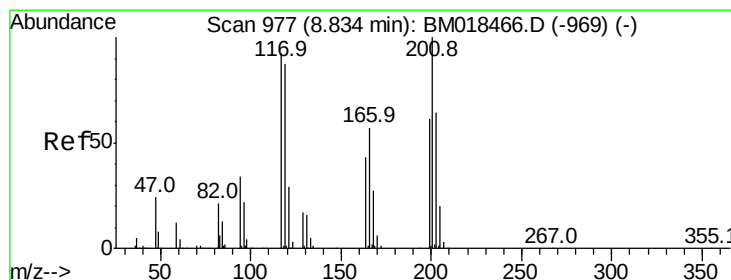
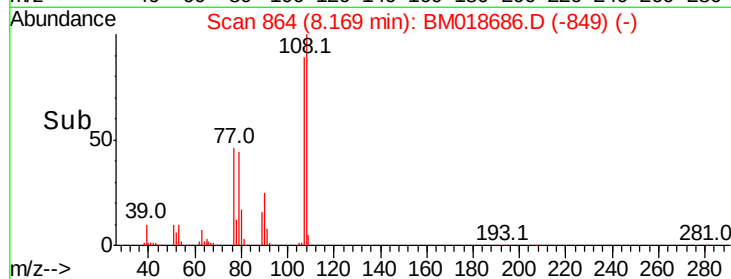
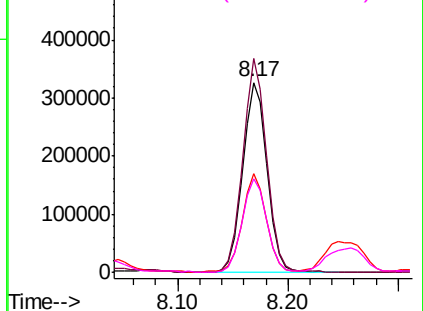
#17
2-Methylphenol
Concen: 43.700 ng
RT: 8.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BM018686.D
Acq: 29 Jan 2019 20:26

Instrument :
BNA_M
ClientSampleId :

Tot Ion:107 Resp: 502761
Ion Ratio Lower Upper
107 100
108 112.5 87.5 131.3
77 52.2 37.3 55.9
79 49.5 36.4 54.6

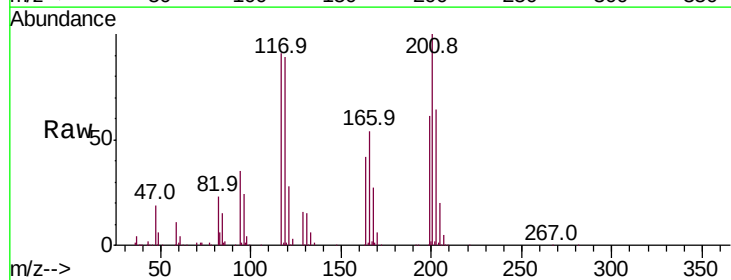


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

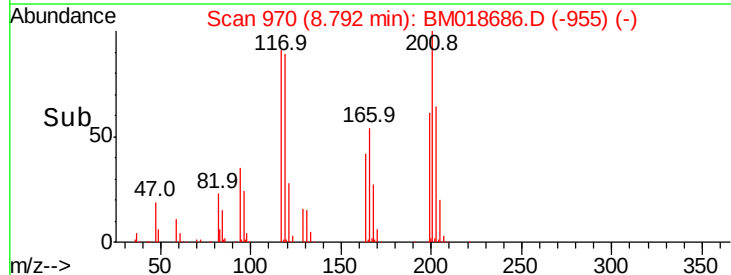
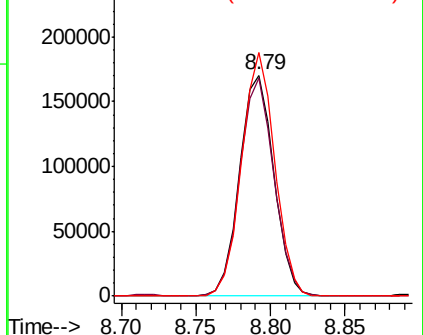


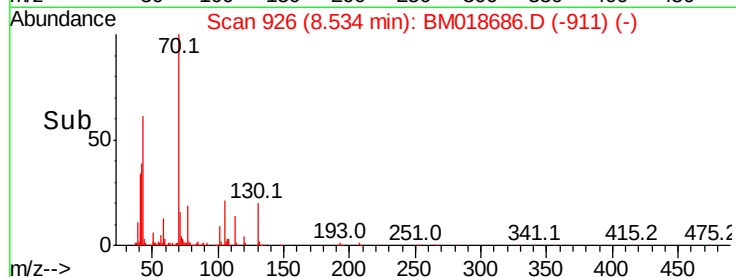
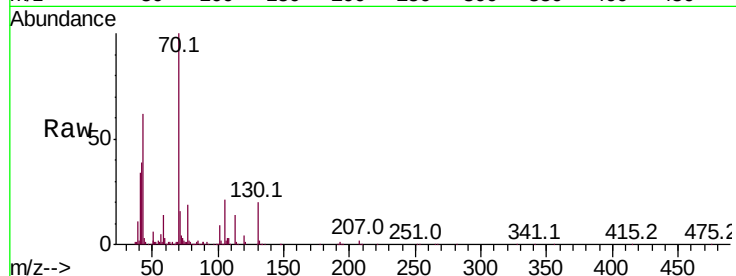
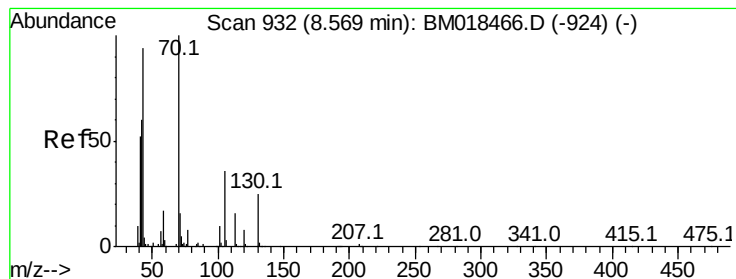
#18
Hexachloroethane
Concen: 41.094 ng
RT: 8.79 min Scan# 970
Delta R.T. -0.01 min
Lab File: BM018686.D
Acq: 29 Jan 2019 20:26

Tgt Ion:117 Resp: 271249
Ion Ratio Lower Upper
117 100
119 98.5 78.3 117.5
201 110.3 81.4 122.0



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: 46.362 ng

RT: 8.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BM018686.D

Acq: 29 Jan 2019 20:26

Instrument :

BNA_M

ClientSampled :

Tot Ion: 70 Resp: 503229

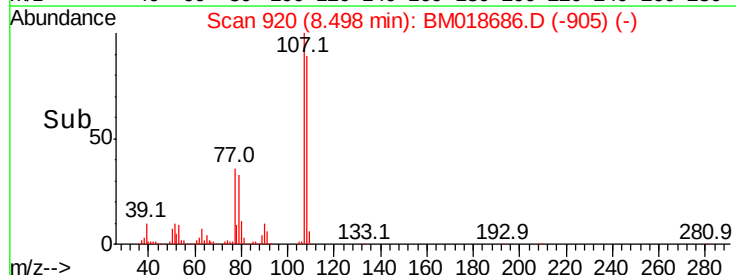
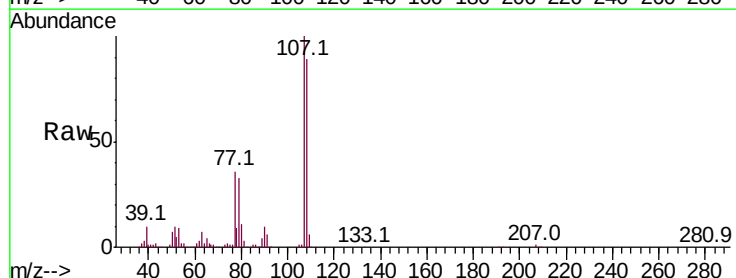
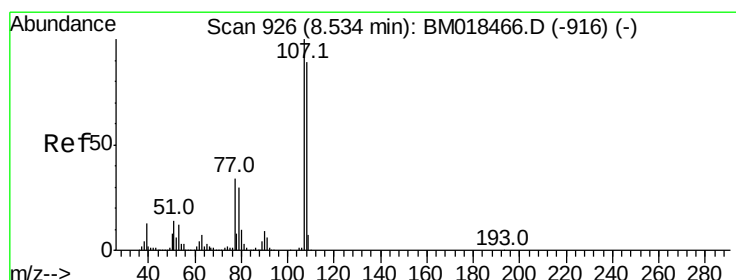
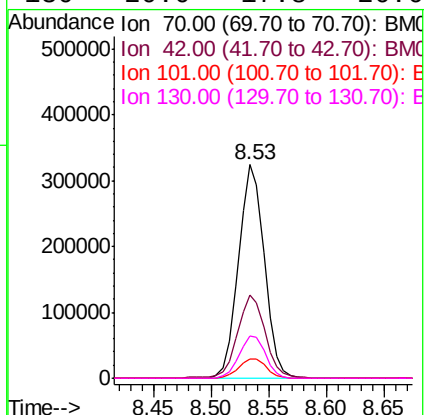
Ion Ratio Lower Upper

70 100

42 38.7 54.0 81.0#

101 9.1 8.1 12.1

130 20.0 17.8 26.6



#20

3+4-Methylphenols

Concen: 41.806 ng

RT: 8.50 min Scan# 920

Delta R.T. -0.01 min

Lab File: BM018686.D

Acq: 29 Jan 2019 20:26

Tgt Ion:107 Resp: 663974

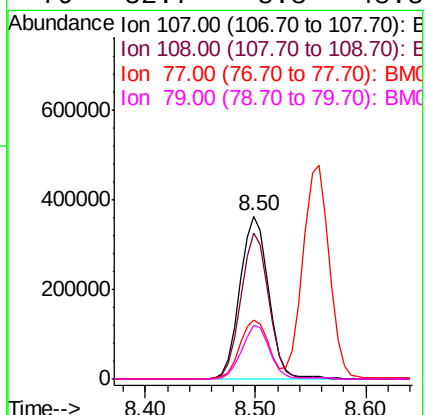
Ion Ratio Lower Upper

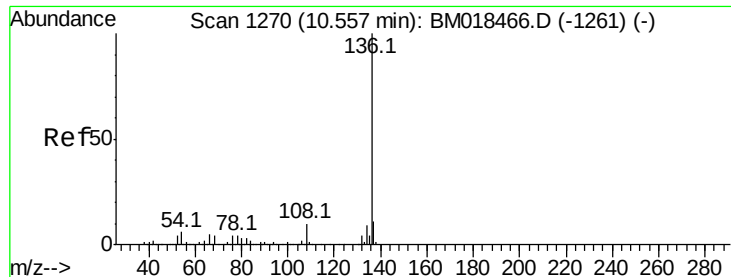
107 100

108 89.4 66.8 106.8

77 35.8 13.3 53.3

79 32.7 8.8 48.8

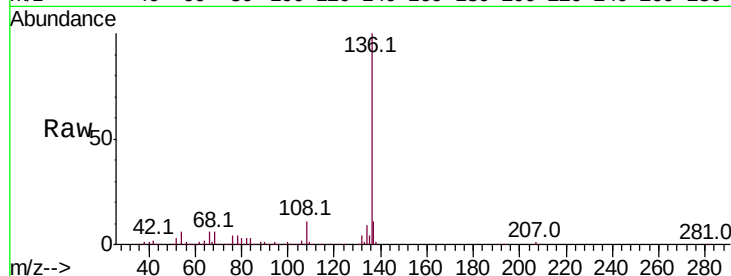




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.52 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BM018686.D
Acq: 29 Jan 2019 20:26

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp:	893589
Ion	Ratio	Lower Upper
136	100	
137	11.2	8.5 12.7
54	5.8	6.0 9.0#
68	5.6	4.5 6.7



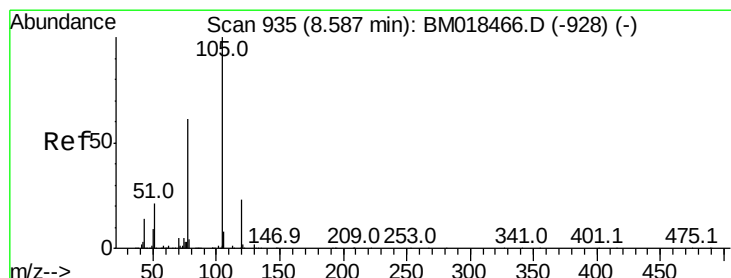
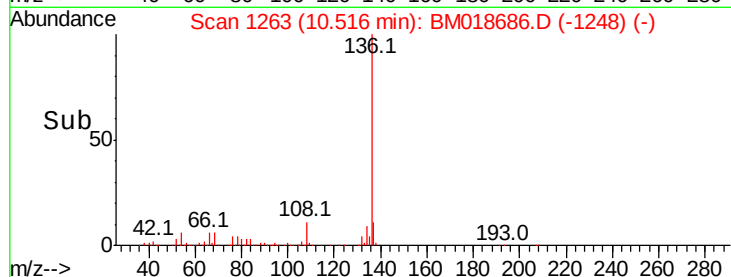
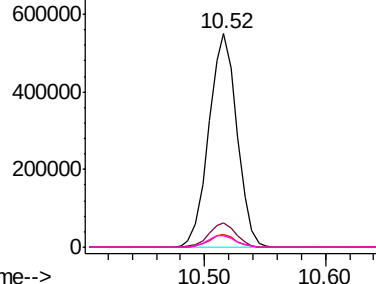
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

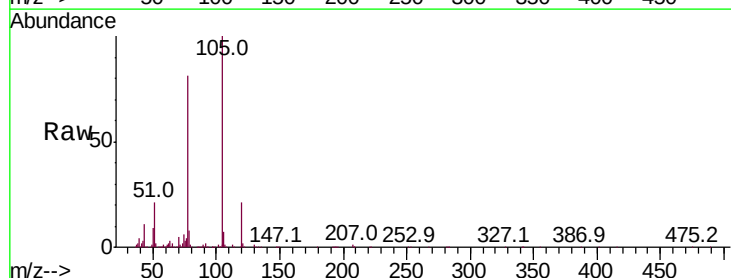
Ion 54.00 (53.70 to 54.70): BM0

Ion 68.00 (67.70 to 68.70): BM0



#22
Acetophenone
Concen: 42.809 ng
RT: 8.56 min Scan# 930
Delta R.T. -0.01 min
Lab File: BM018686.D
Acq: 29 Jan 2019 20:26

Tgt Ion:105	Resp:	946295
Ion	Ratio	Lower Upper
105	100	
71	0.9	1.7 2.5#
51	20.9	22.6 34.0#
120	21.2	18.3 27.5



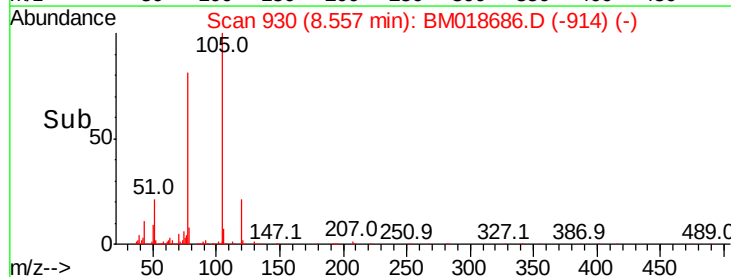
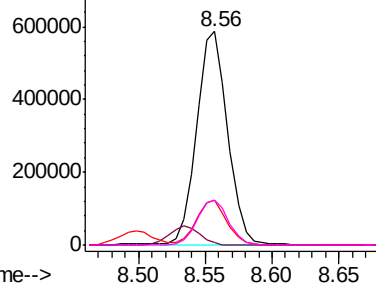
Abundance

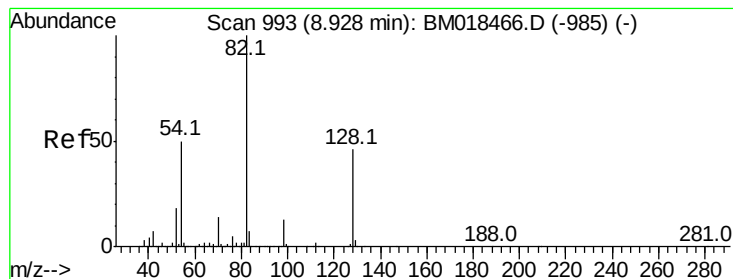
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM0

Ion 51.00 (50.70 to 51.70): BM0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 97.492 ng

RT: 8.89 min Scan# 987

Delta R.T. -0.01 min

Lab File: BM018686.D

Acq: 29 Jan 2019 20:26

Instrument :

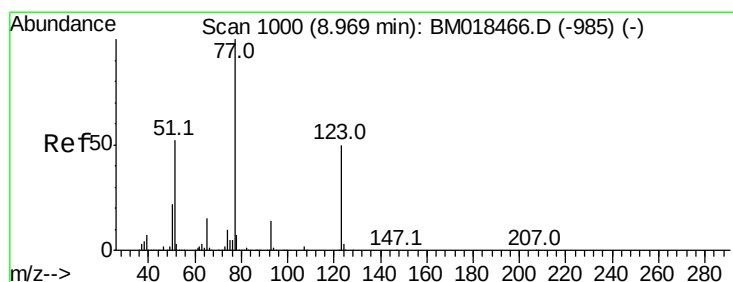
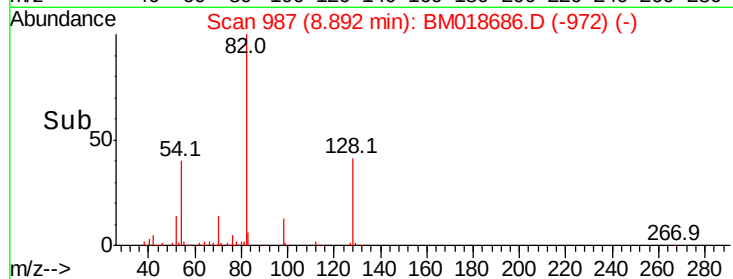
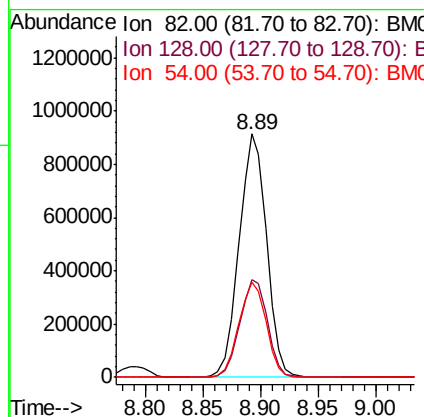
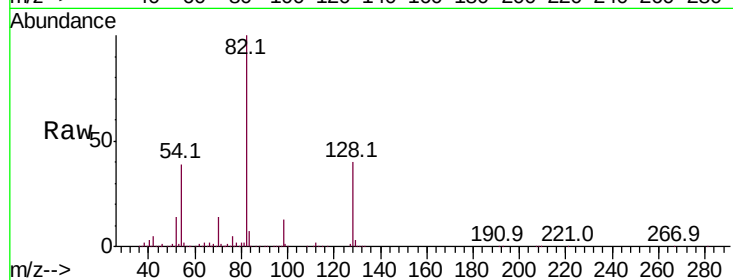
BNA_M

ClientSampleId :

Tot Ion: 82 Resp: 1502780

Ion Ratio Lower Upper

82	100		
128	40.3	36.3	54.5
54	38.9	41.7	62.5#



#24

Nitrobenzene

Concen: 49.793 ng

RT: 8.93 min Scan# 994

Delta R.T. -0.01 min

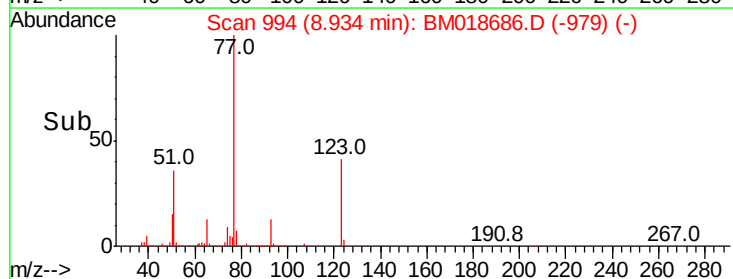
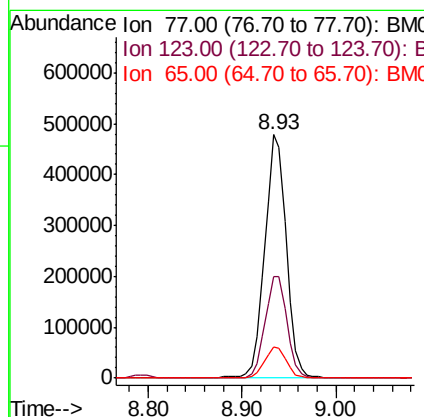
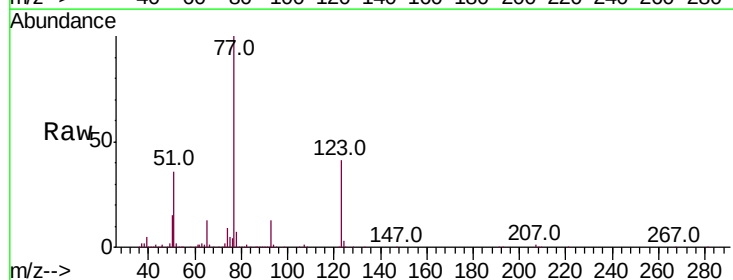
Lab File: BM018686.D

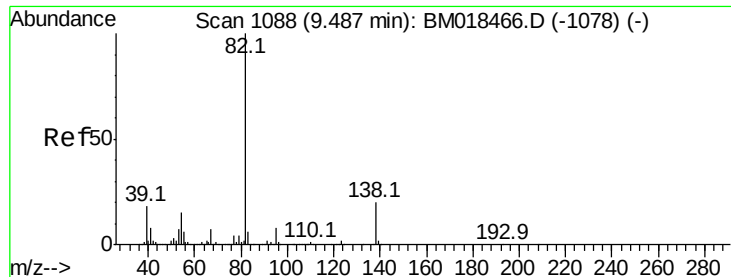
Acq: 29 Jan 2019 20:26

Tgt Ion: 77 Resp: 755199

Ion Ratio Lower Upper

77	100		
123	41.5	37.7	56.5
65	12.9	11.0	16.6





#25

Isophorone

Concen: 53.824 ng

RT: 9.46 min Scan# 1083

Delta R.T. -0.01 min

Lab File: BM018686.D

Acq: 29 Jan 2019 20:26

Instrument :

BNA_M

ClientSampleId :

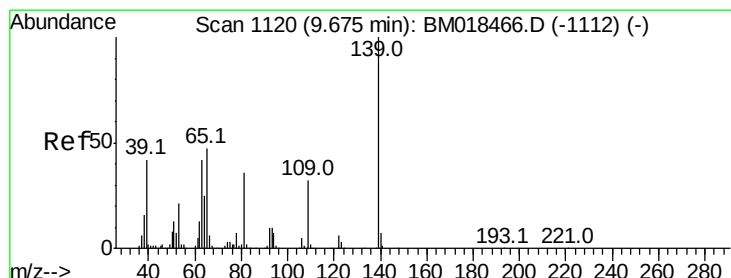
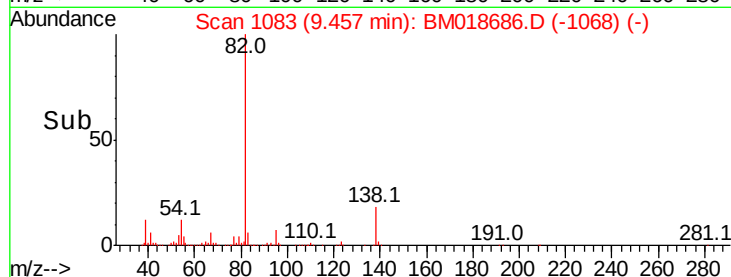
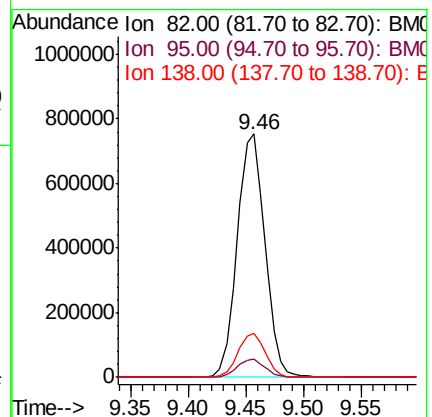
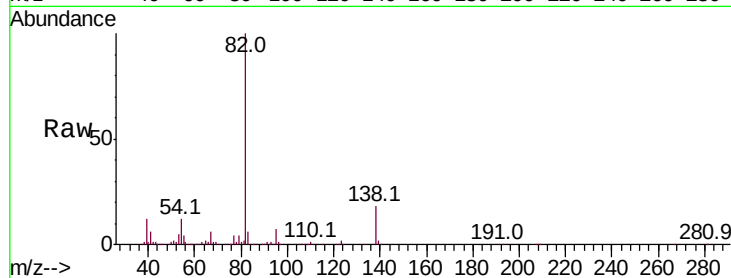
Tot Ion: 82 Resp: 1256346

Ion Ratio Lower Upper

82 100

95 7.5 6.1 9.1

138 18.0 15.1 22.7



#26

2-Nitrophenol

Concen: 45.742 ng

RT: 9.64 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BM018686.D

Acq: 29 Jan 2019 20:26

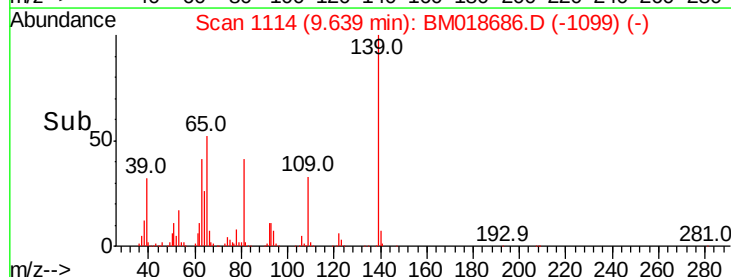
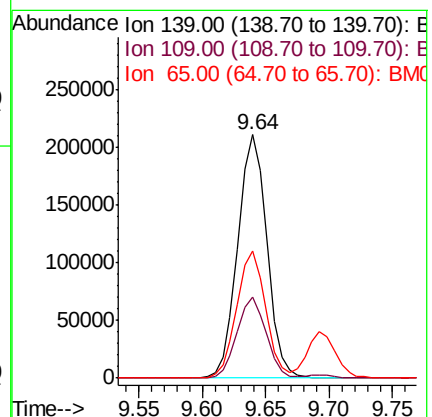
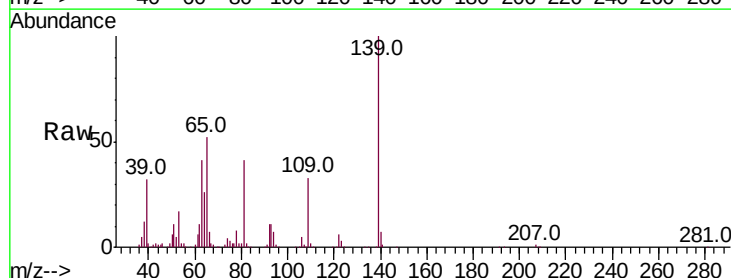
Tgt Ion: 139 Resp: 335457

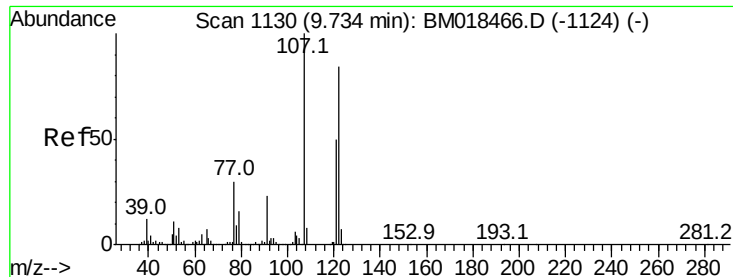
Ion Ratio Lower Upper

139 100

109 33.4 23.4 35.2

65 52.1 39.4 59.2

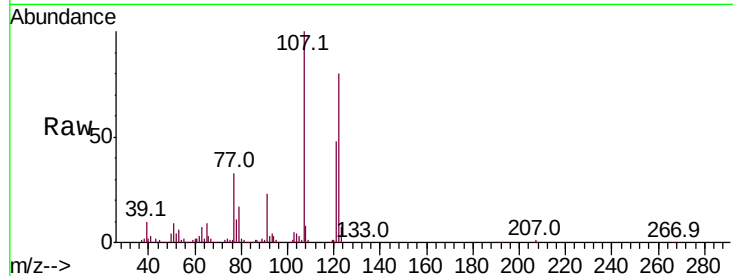




#27
2,4-Dimethylphenol
Concen: 49.790 ng
RT: 9.69 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BM018686.D
Acq: 29 Jan 2019 20:26

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	124.3	91.9	137.9
121	60.2	47.5	71.3

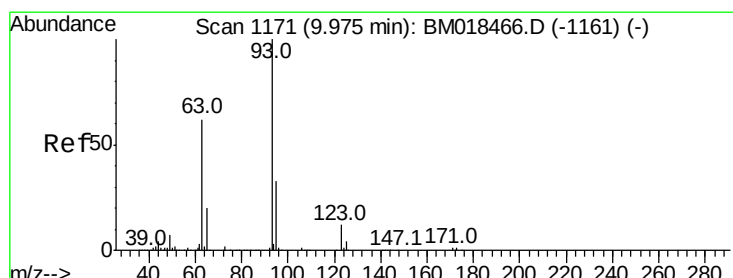
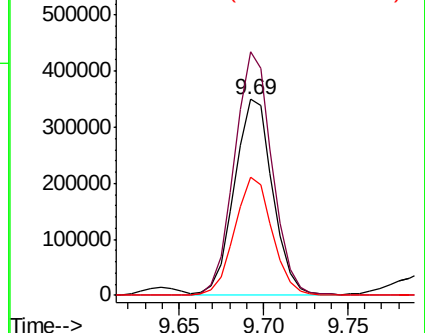
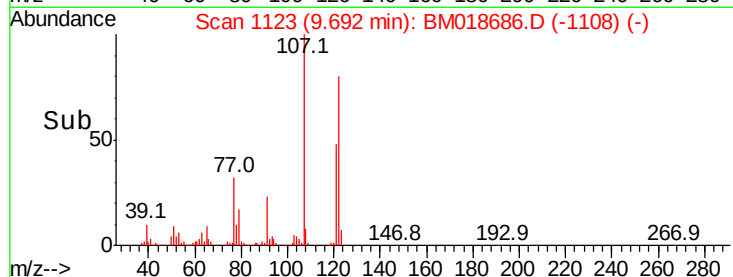


Abundance

Ion 122.00 (121.70 to 122.70): E

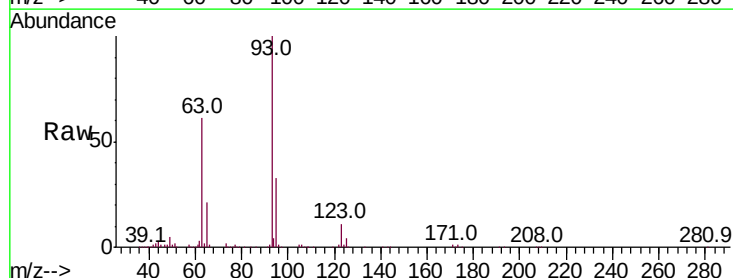
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 48.766 ng
RT: 9.93 min Scan# 1164
Delta R.T. -0.02 min
Lab File: BM018686.D
Acq: 29 Jan 2019 20:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.6	39.8
123	11.3	9.9	14.9

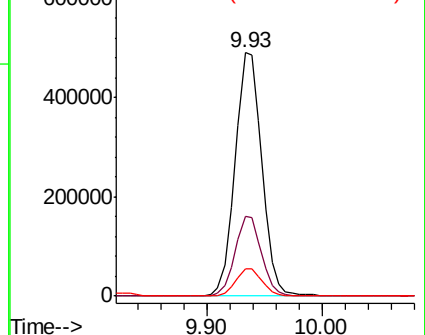
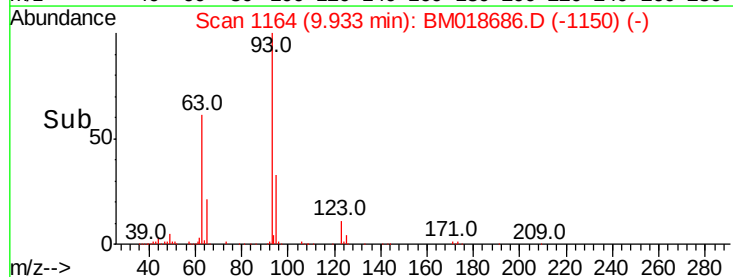


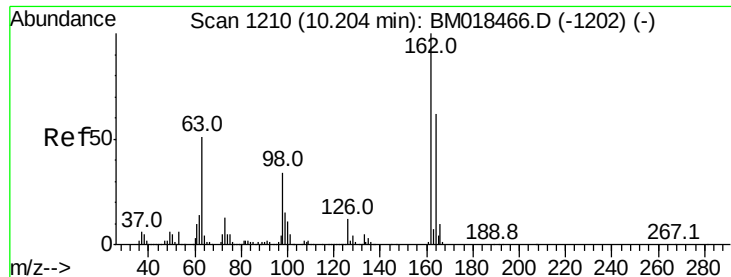
Abundance

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

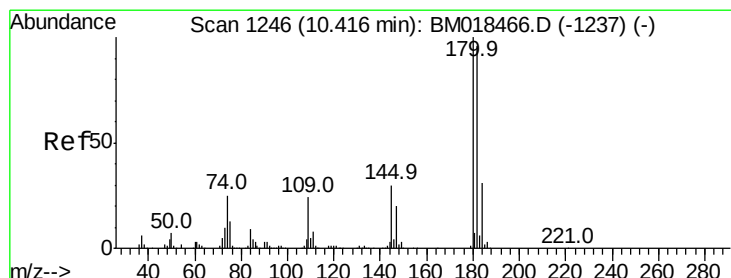
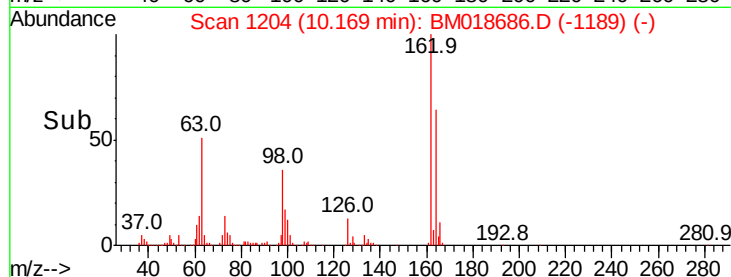
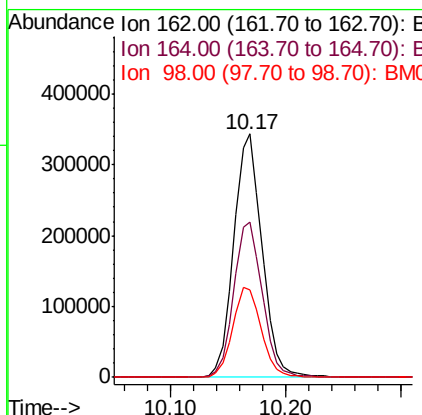
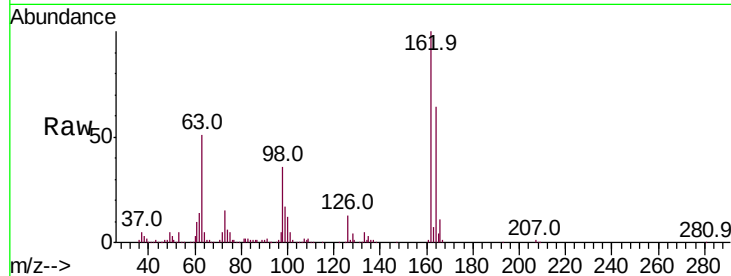




#29
 2,4-Dichlorophenol
 Concen: 44.550 ng
 RT: 10.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BM018686.D
 Acq: 29 Jan 2019 20:26

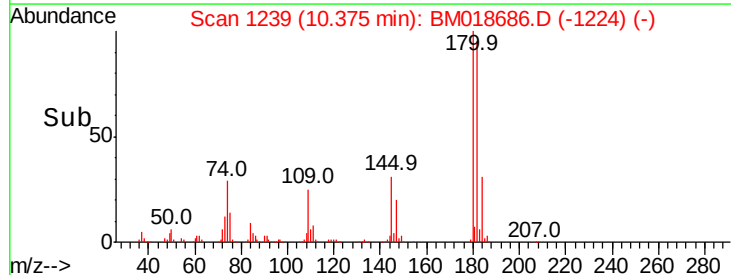
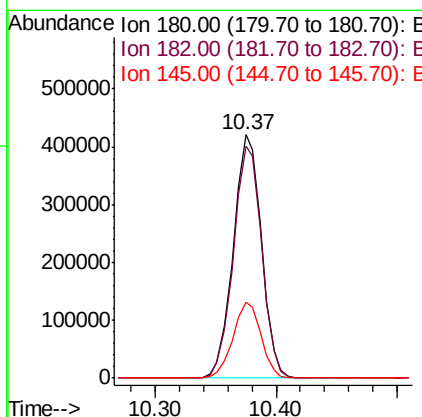
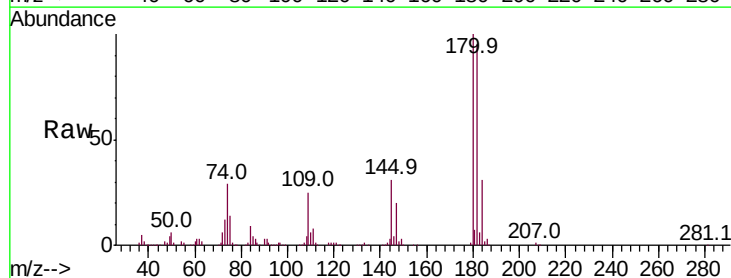
Instrument :
 BNA_M
 ClientSampleId :

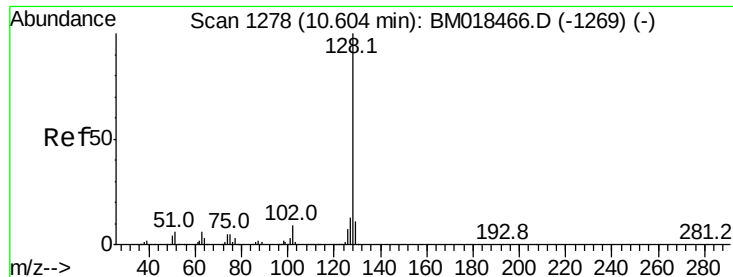
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	45.6	85.6
98	35.9	14.7	54.7



#30
 1,2,4-Trichlorobenzene
 Concen: 42.102 ng
 RT: 10.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BM018686.D
 Acq: 29 Jan 2019 20:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	77.4	116.2
145	30.9	24.6	37.0

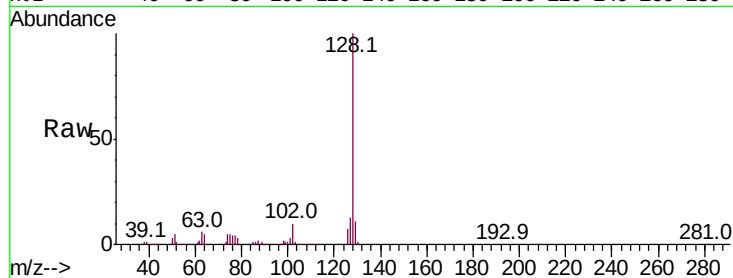




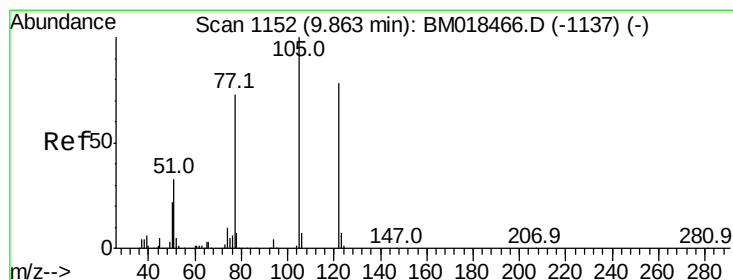
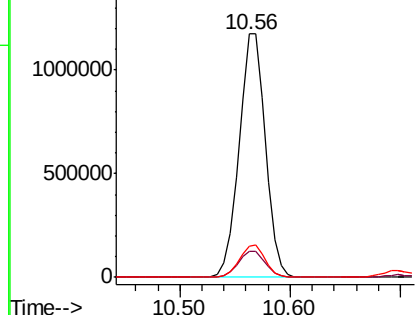
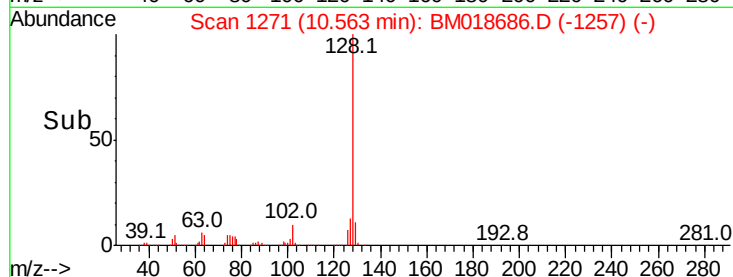
#31
Naphthalene
Concen: 45.716 ng
RT: 10.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BM018686.D
Acq: 29 Jan 2019 20:26

Instrument :
BNA_M
ClientSampleId :

Tot Ion:128 Resp: 1967421
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 12.9 10.8 16.2

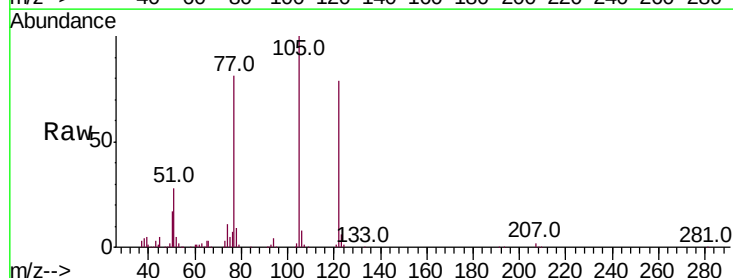


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

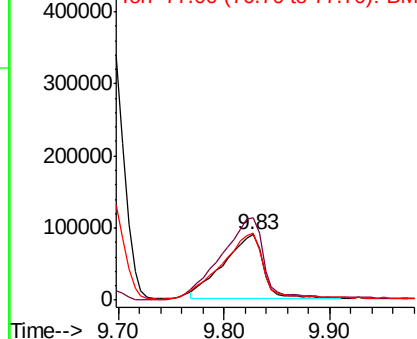
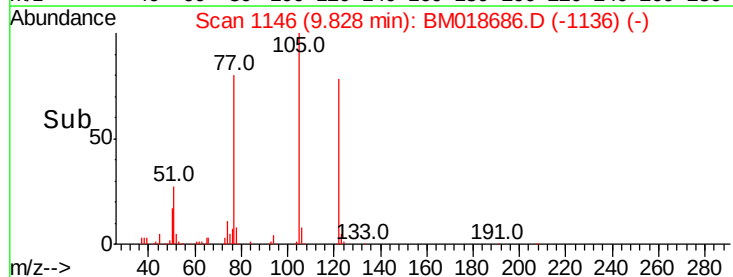


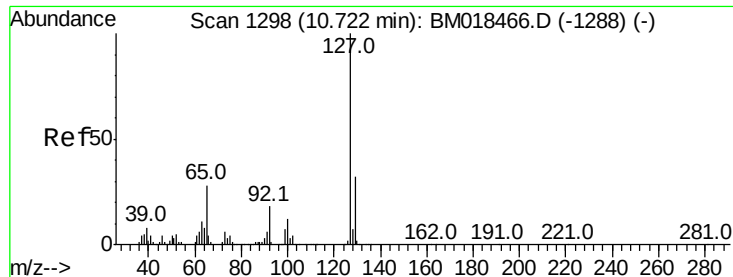
#32
Benzoic acid
Concen: 33.044 ng
RT: 9.83 min Scan# 1146
Delta R.T. -0.04 min
Lab File: BM018686.D
Acq: 29 Jan 2019 20:26

Tgt Ion:122 Resp: 227215
Ion Ratio Lower Upper
122 100
105 127.2 100.4 140.4
77 103.0 71.7 111.7



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

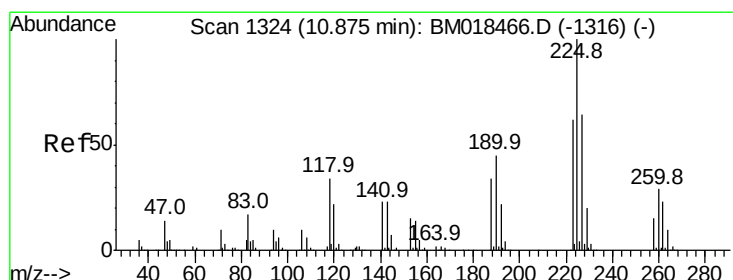
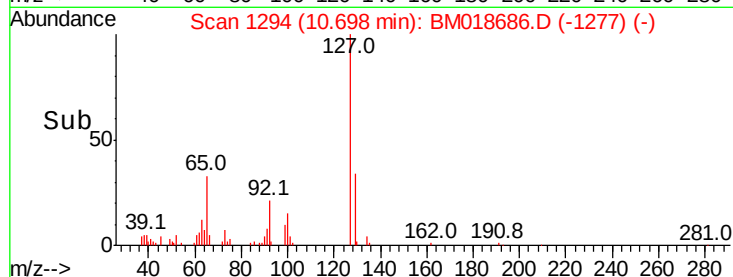
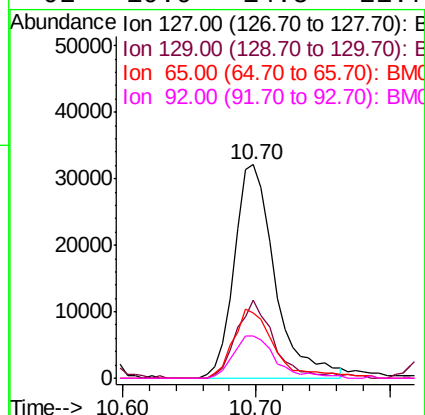
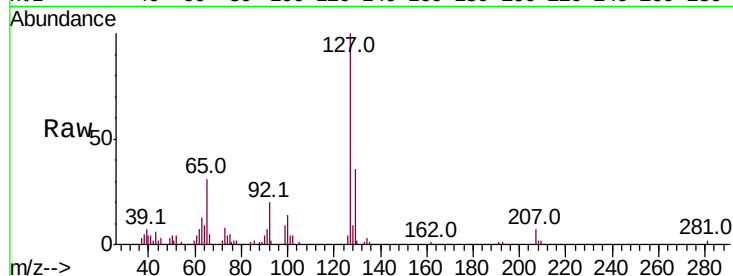




#33
4-Chloroaniline
Concen: 4.012 ng
RT: 10.70 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BM018686.D
Acq: 29 Jan 2019 20:26

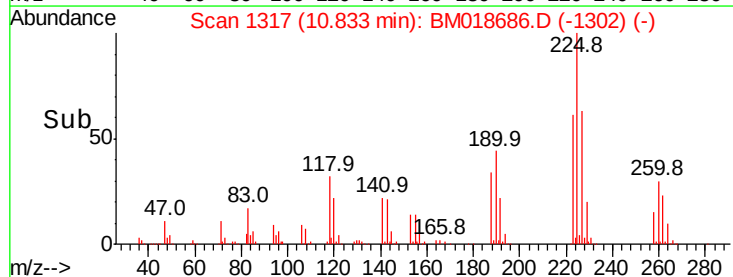
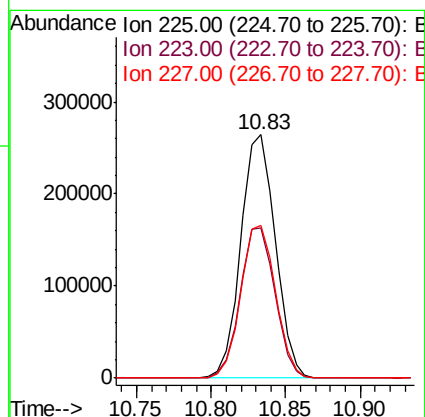
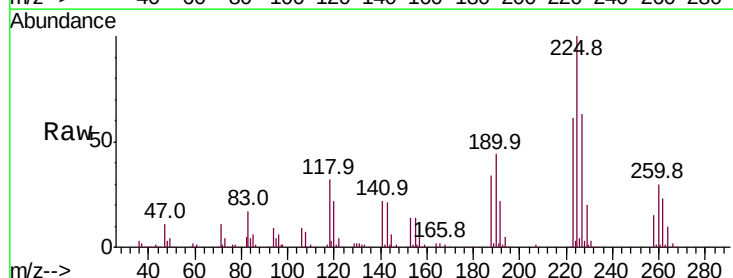
Instrument :
BNA_M
ClientSampled :

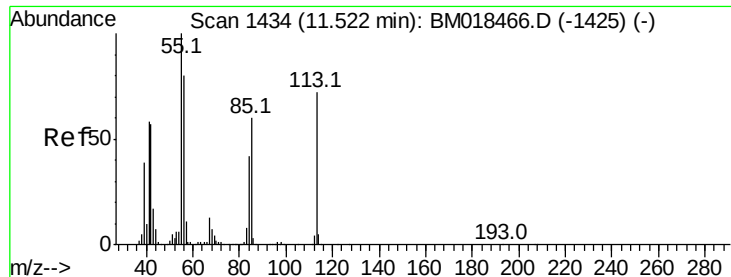
Tot Ion:	127	Resp:	67998
Ion	Ratio	Lower	Upper
127	100		
129	36.4	25.9	38.9
65	30.8	23.4	35.2
92	19.9	14.5	21.7



#34
Hexachlorobutadiene
Concen: 41.332 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BM018686.D
Acq: 29 Jan 2019 20:26

Tgt Ion:	225	Resp:	424228
Ion	Ratio	Lower	Upper
225	100		
223	61.5	50.8	76.2
227	62.8	50.4	75.6

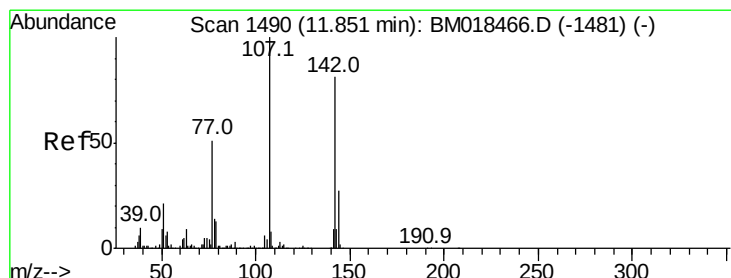
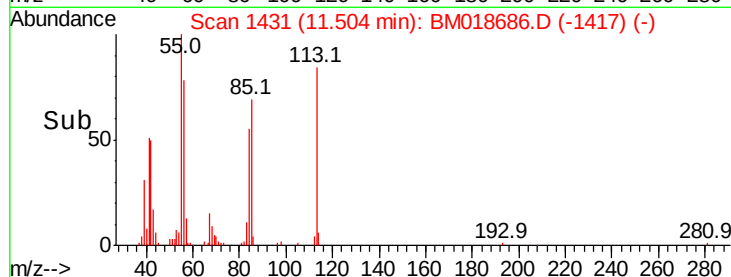
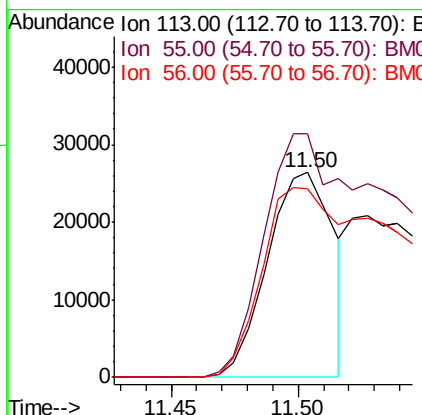
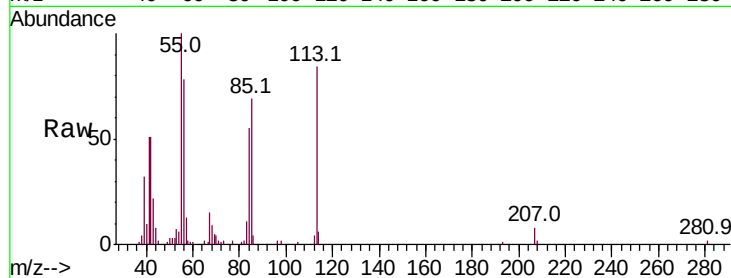




#35
Caprolactam
Concen: 10.699 ng
RT: 11.50 min Scan# 1431
Delta R.T. -0.02 min
Lab File: BM018686.D
Acq: 29 Jan 2019 20:26

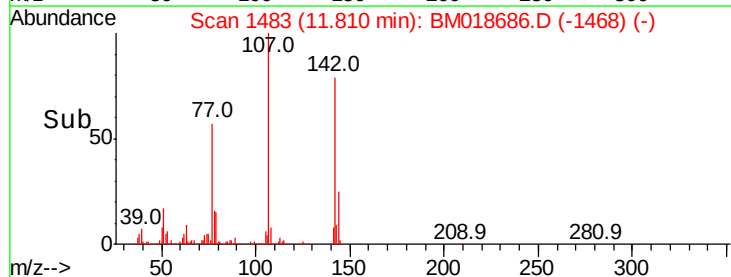
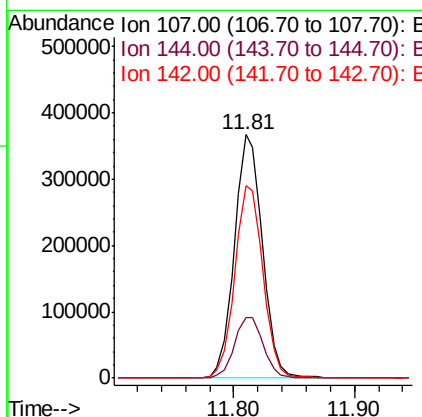
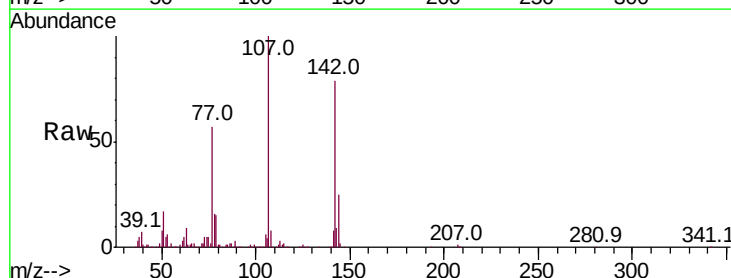
Instrument :
BNA_M
ClientSampled :

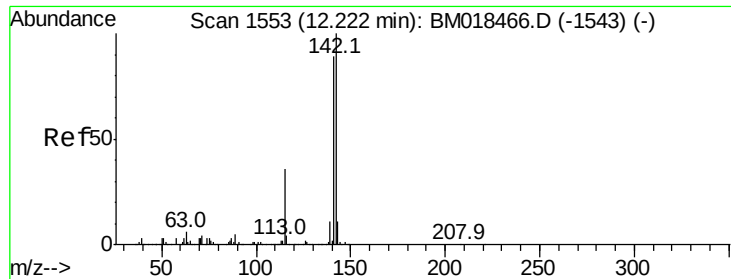
Tot Ion:113 Resp: 47613
Ion Ratio Lower Upper
113 100
55 118.5 139.3 179.3#
56 92.0 101.4 141.4#



#36
4-Chloro-3-methylphenol
Concen: 43.331 ng
RT: 11.81 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BM018686.D
Acq: 29 Jan 2019 20:26

Tgt Ion:107 Resp: 595036
Ion Ratio Lower Upper
107 100
144 24.7 21.9 32.9
142 78.8 67.9 101.9

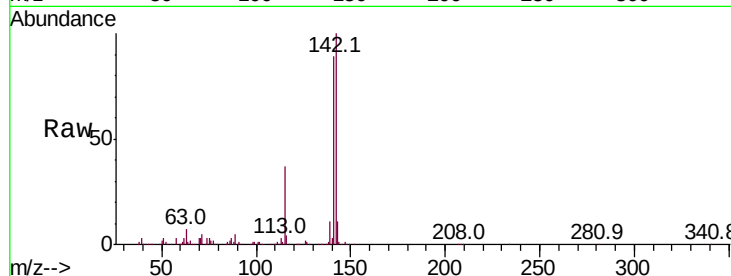




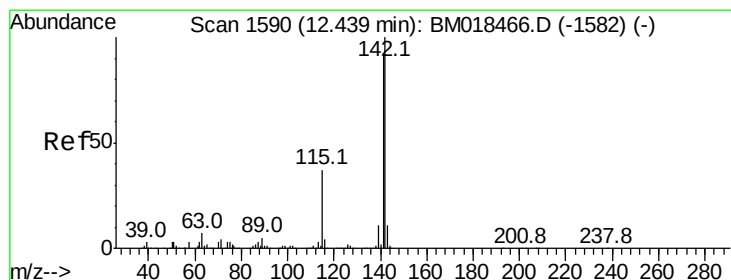
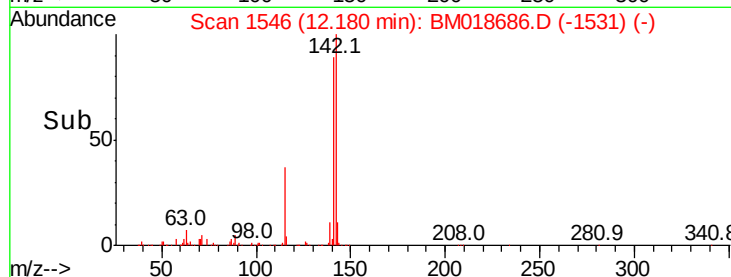
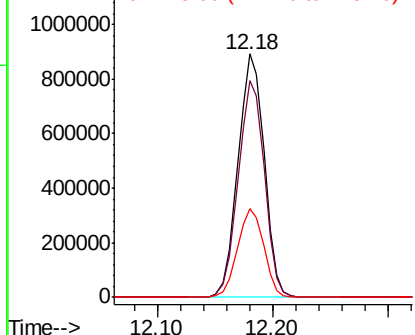
#37
2-Methylnaphthalene
Concen: 46.151 ng
RT: 12.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BM018686.D
Acq: 29 Jan 2019 20:26

Instrument :
BNA_M
ClientSampleId :

Tot Ion:142 Resp: 1403273
Ion Ratio Lower Upper
142 100
141 88.9 71.4 107.2
115 36.6 28.0 42.0

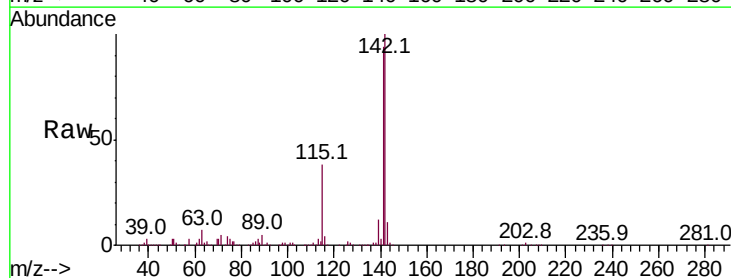


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

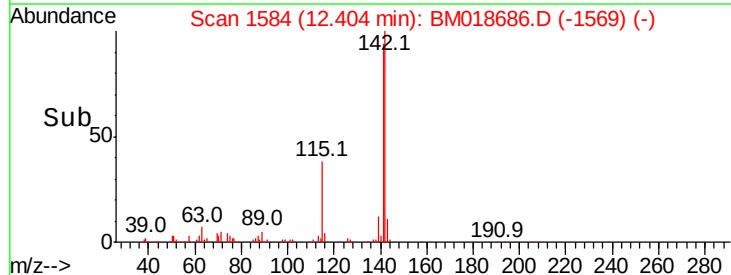
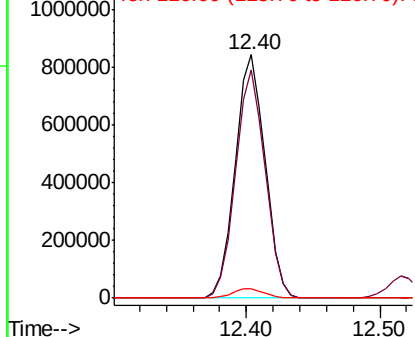


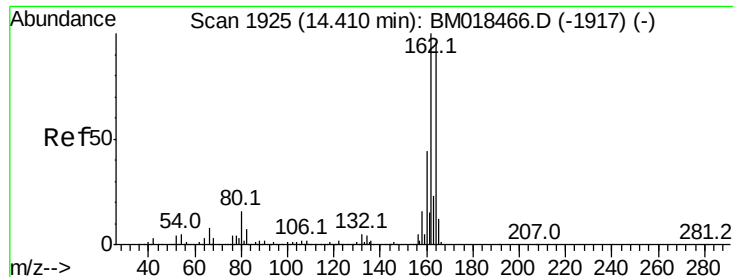
#38
1-Methylnaphthalene
Concen: 44.506 ng
RT: 12.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BM018686.D
Acq: 29 Jan 2019 20:26

Tgt Ion:142 Resp: 1309377
Ion Ratio Lower Upper
142 100
141 93.6 75.6 113.4
116 4.1 3.0 4.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.37 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BM018686.D

Acq: 29 Jan 2019 20:26

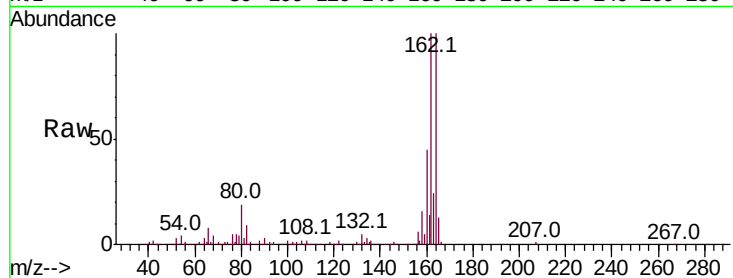
Instrument :

BNA_M

ClientSampleId :

Tot Ion:164 Resp: 450355

Ion	Ratio	Lower	Upper
164	100		
162	99.6	83.0	124.4
160	44.9	37.1	55.7



Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

14.37

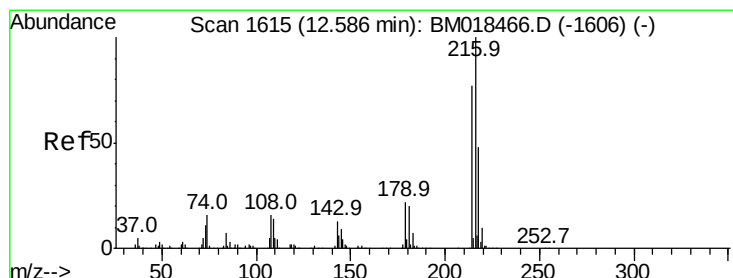
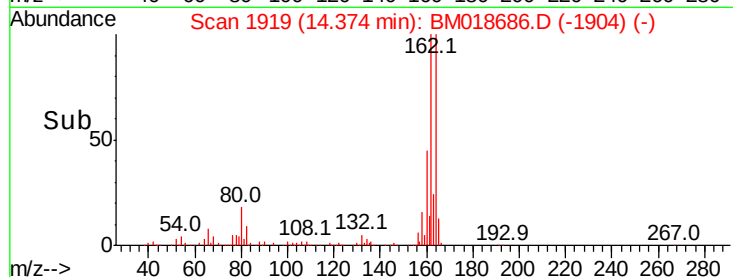
300000

200000

100000

0

Time-->



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.062 ng

RT: 12.55 min Scan# 1609

Delta R.T. -0.01 min

Lab File: BM018686.D

Acq: 29 Jan 2019 20:26

Tgt Ion:216 Resp: 725423

Ion	Ratio	Lower	Upper
216	100		
214	78.2	63.4	95.0
179	21.7	17.9	26.9
108	20.9	15.8	23.6

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

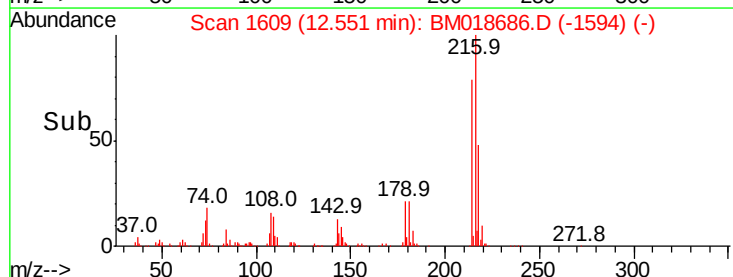
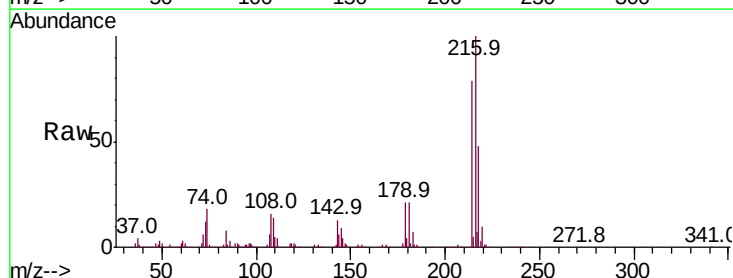
12.55

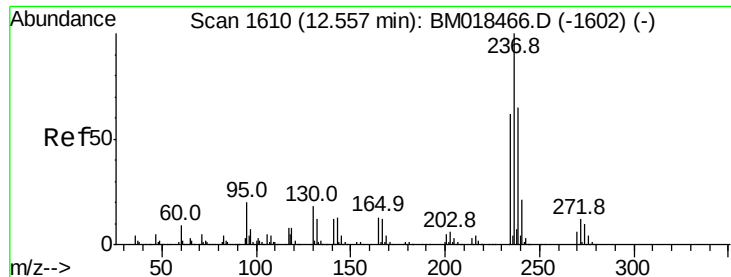
400000

200000

0

Time-->





#41

Hexachlorocyclopentadiene

Concen: 106.605 ng

RT: 12.52 min Scan# 1603

Delta R.T. -0.02 min

Lab File: BM018686.D

Acq: 29 Jan 2019 20:26

Instrument :

BNA_M

ClientSampleId :

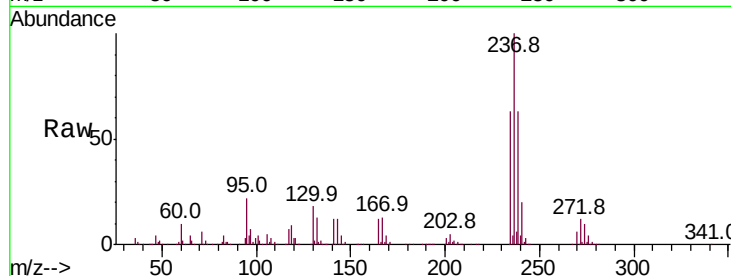
Tot Ion:237 Resp: 921424

Ion Ratio Lower Upper

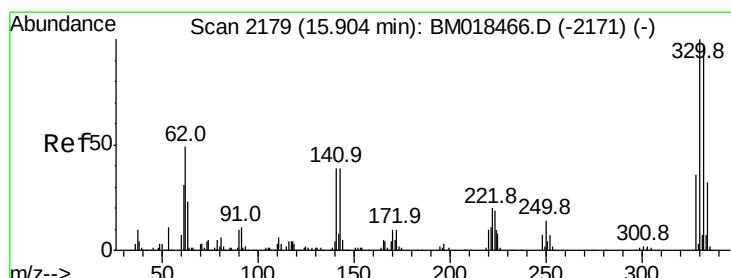
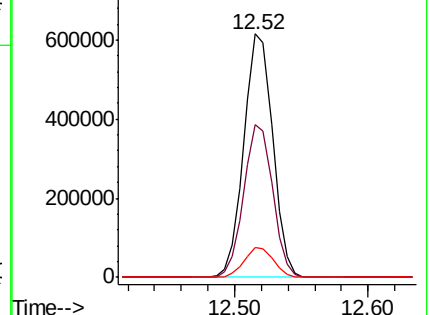
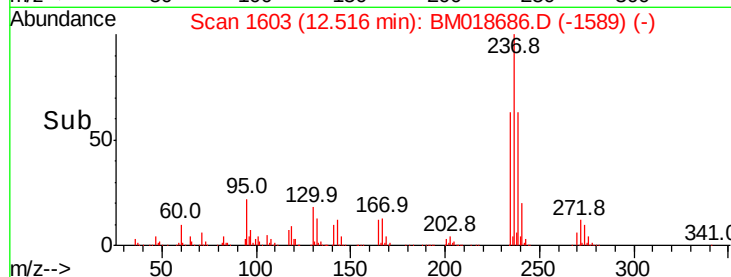
237 100

235 62.7 42.8 82.8

272 12.0 0.0 31.9



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



#42

2,4,6-Tribromophenol

Concen: 129.937 ng

RT: 15.87 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BM018686.D

Acq: 29 Jan 2019 20:26

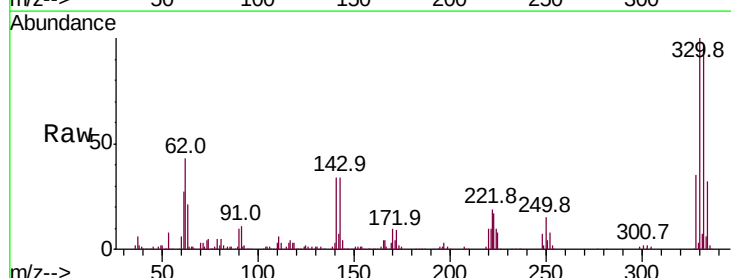
Tgt Ion:330 Resp: 745098

Ion Ratio Lower Upper

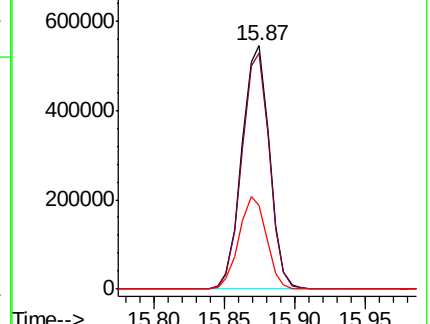
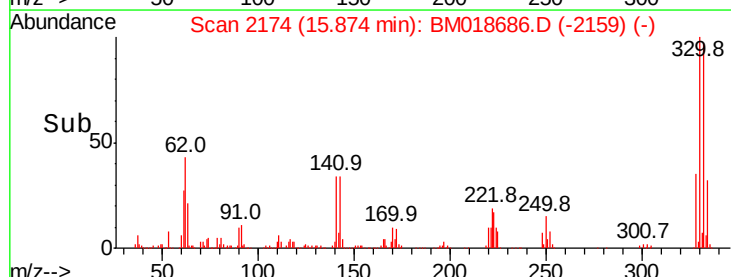
330 100

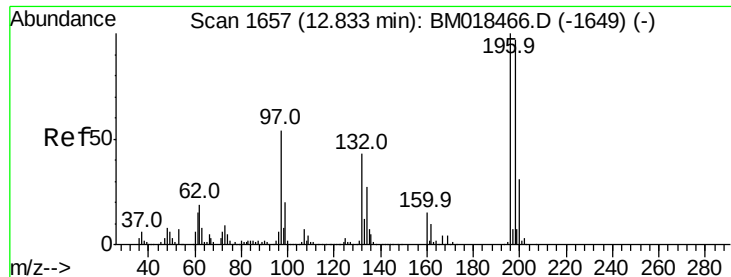
332 96.9 77.6 116.4

141 37.9 31.7 47.5



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





#43

2,4,6-Trichlorophenol

Concen: 47.426 ng

RT: 12.80 min Scan# 1651

Delta R.T. -0.01 min

Lab File: BM018686.D

Acq: 29 Jan 2019 20:26

Instrument :

BNA_M

ClientSampleId :

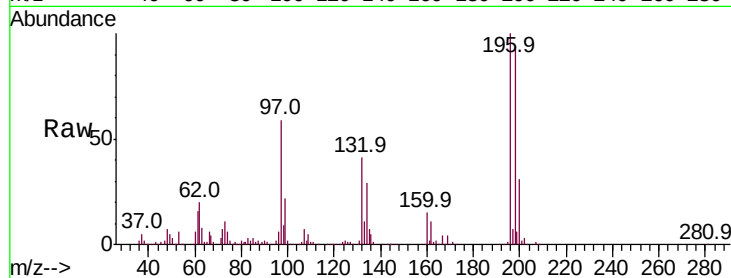
Tot Ion:196 Resp: 453557

Ion Ratio Lower Upper

196 100

198 94.3 76.6 115.0

200 30.8 24.2 36.4

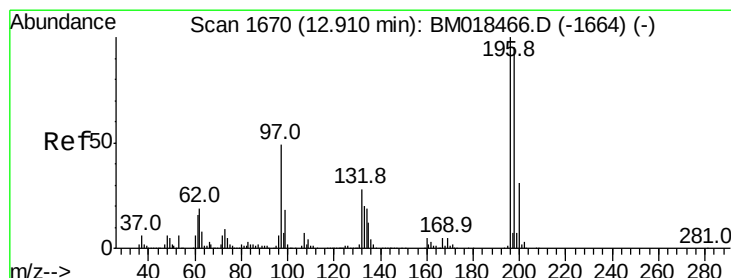
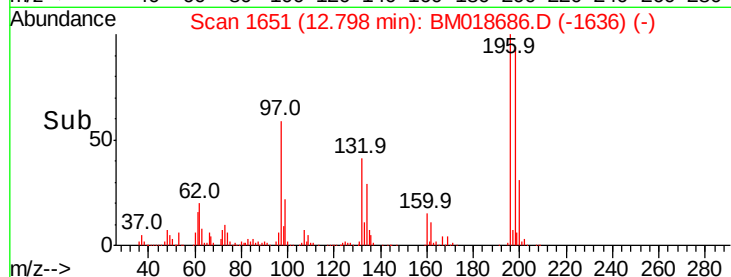
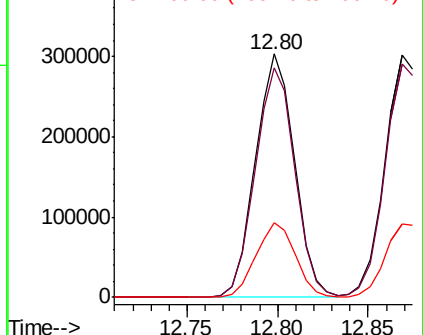


Abundance

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



#44

2,4,5-Trichlorophenol

Concen: 46.979 ng

RT: 12.87 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BM018686.D

Acq: 29 Jan 2019 20:26

Tgt Ion:196 Resp: 472520

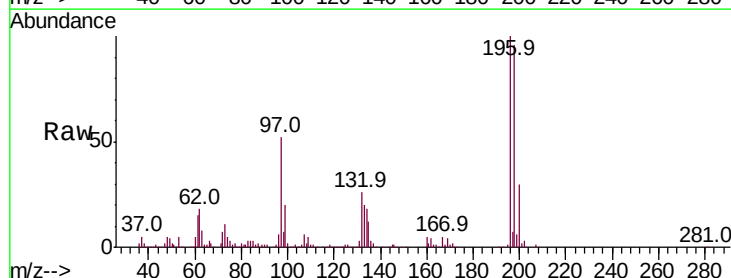
Ion Ratio Lower Upper

196 100

198 96.2 76.7 115.1

97 52.4 39.2 58.8

132 26.3 22.3 33.5



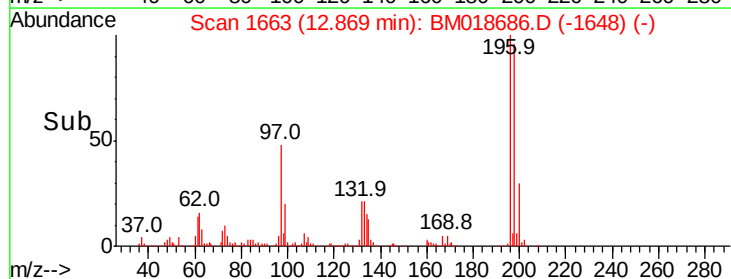
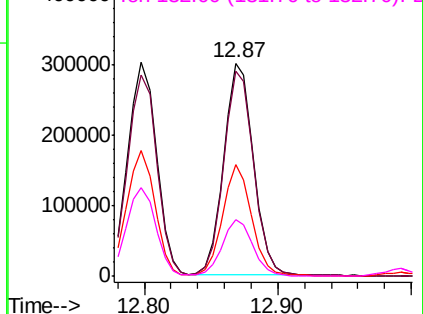
Abundance

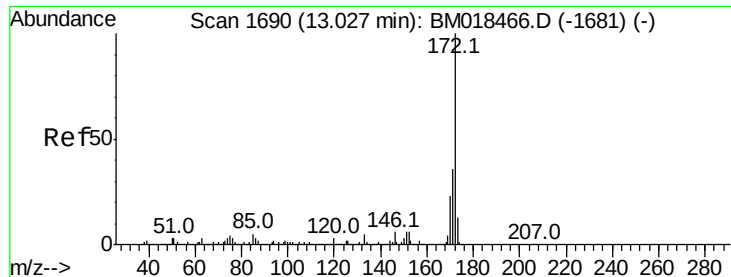
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BM0

Ion 132.00 (131.70 to 132.70): E

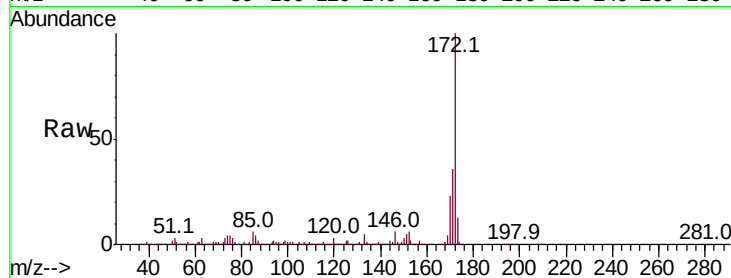




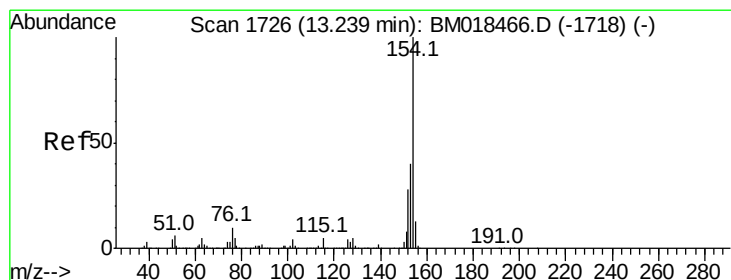
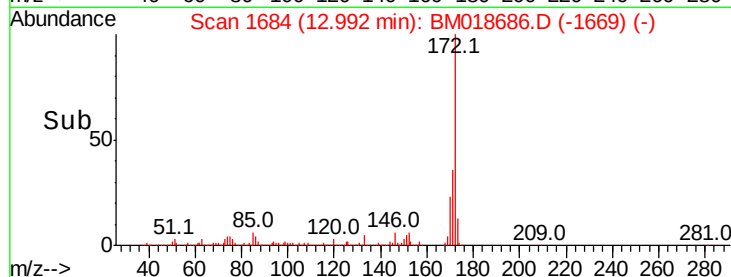
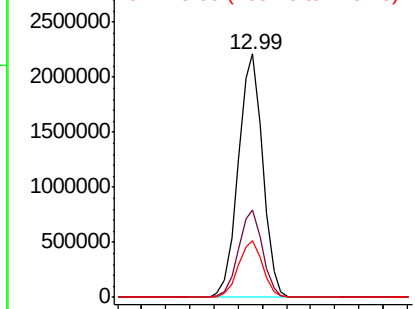
#45
2-Fluorobiphenyl
Concen: 90.343 ng
RT: 12.99 min Scan# 1684
Delta R.T. -0.01 min
Lab File: BM018686.D
Acq: 29 Jan 2019 20:26

Instrument :
BNA_M
ClientSampled :

Tot Ion:172 Resp: 3118069
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.4
170 23.1 18.9 28.3

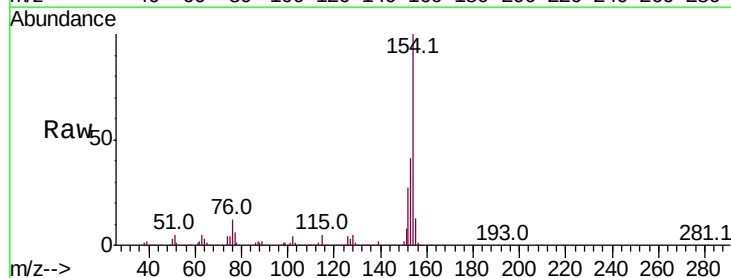


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

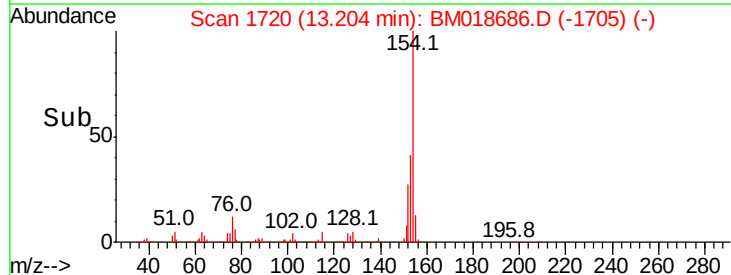
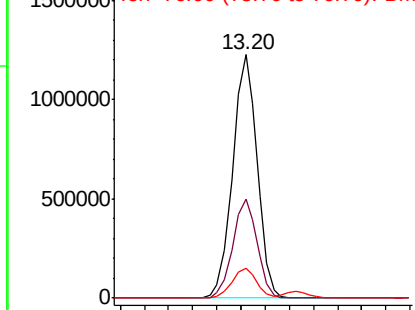


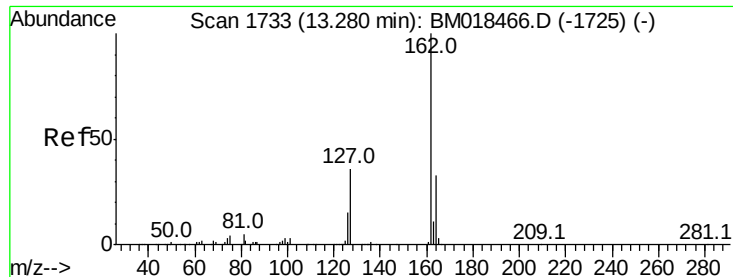
#46
1,1'-Biphenyl
Concen: 44.035 ng
RT: 13.20 min Scan# 1720
Delta R.T. -0.01 min
Lab File: BM018686.D
Acq: 29 Jan 2019 20:26

Tgt Ion:154 Resp: 1731579
Ion Ratio Lower Upper
154 100
153 40.6 20.5 60.5
76 12.0 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BM

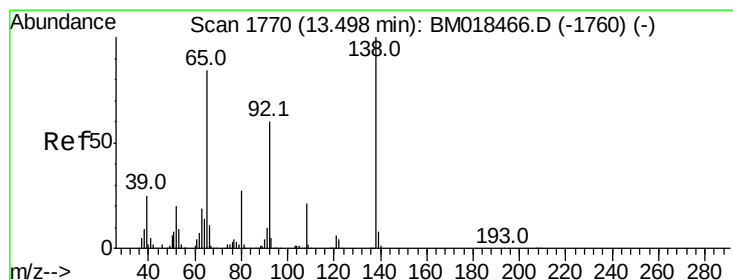
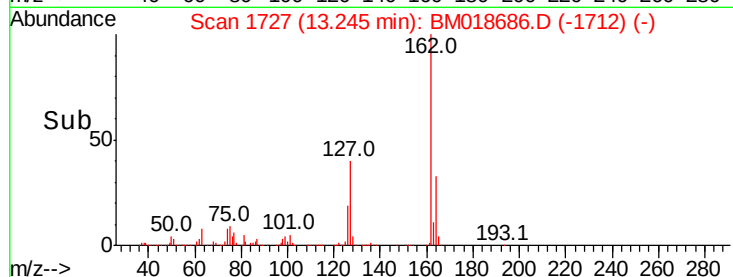
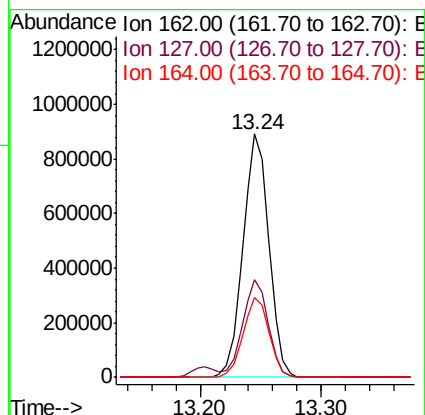
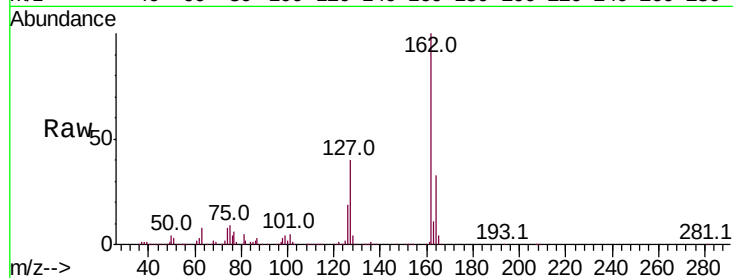




#47
2-Chloronaphthalene
Concen: 43.697 ng
RT: 13.24 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BM018686.D
Acq: 29 Jan 2019 20:26

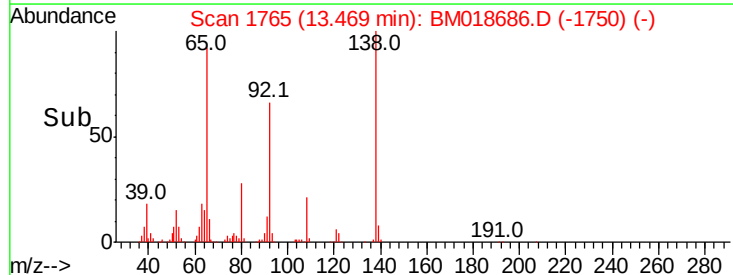
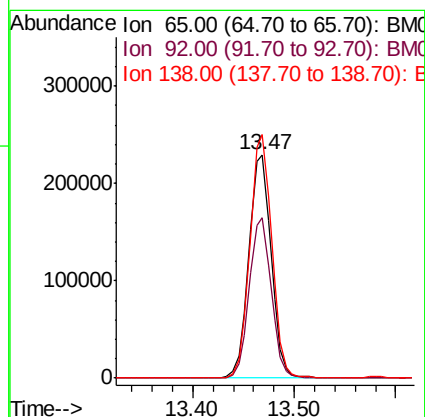
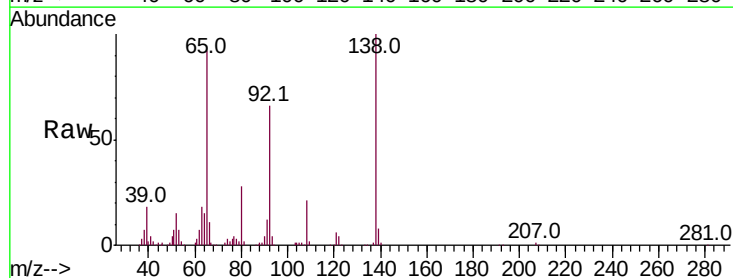
Instrument :
BNA_M
ClientSampled :

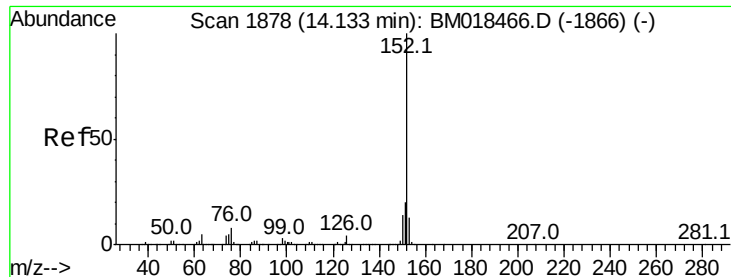
Tot Ion:162 Resp: 1332461
Ion Ratio Lower Upper
162 100
127 40.3 31.4 47.0
164 33.0 26.2 39.4



#48
2-Nitroaniline
Concen: 46.939 ng
RT: 13.47 min Scan# 1765
Delta R.T. -0.01 min
Lab File: BM018686.D
Acq: 29 Jan 2019 20:26

Tgt Ion: 65 Resp: 352141
Ion Ratio Lower Upper
65 100
92 72.2 53.4 80.2
138 109.1 88.9 133.3





#49

Acenaphthylene

Concen: 46.595 ng

RT: 14.10 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BM018686.D

Acq: 29 Jan 2019 20:26

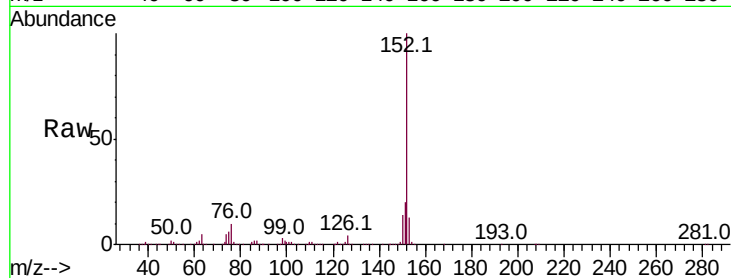
Instrument :

BNA_M

ClientSampleId :

Tot Ion:152 Resp: 2070575

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.7	23.5
153	12.9	10.5	15.7

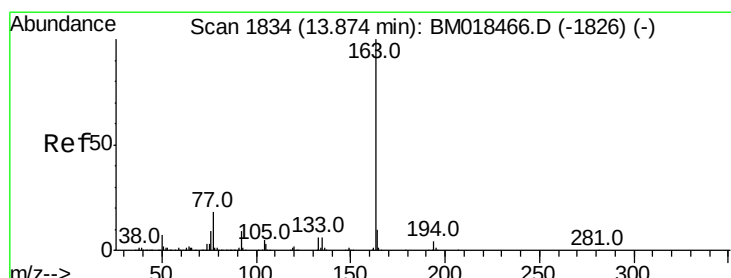
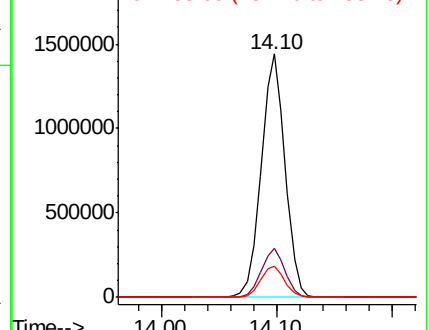
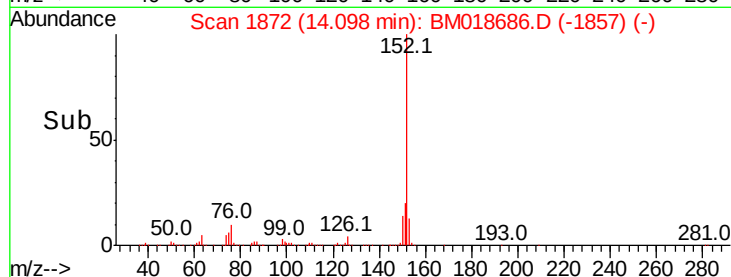


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.272 ng

RT: 13.84 min Scan# 1828

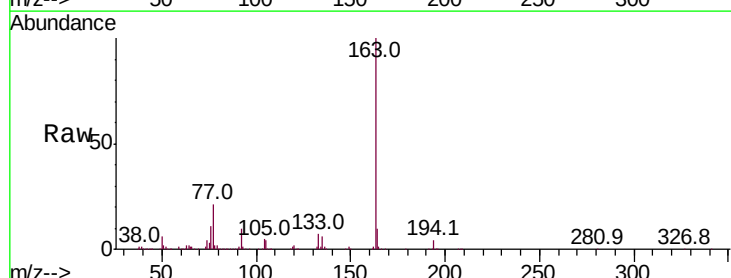
Delta R.T. -0.01 min

Lab File: BM018686.D

Acq: 29 Jan 2019 20:26

Tgt Ion:163 Resp: 1563487

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	10.2	7.8	11.8

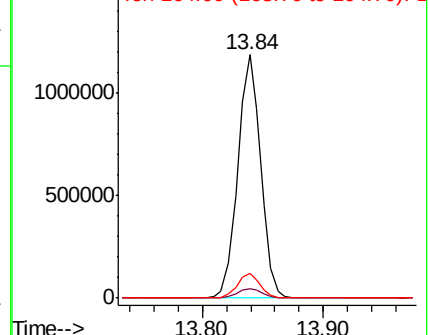
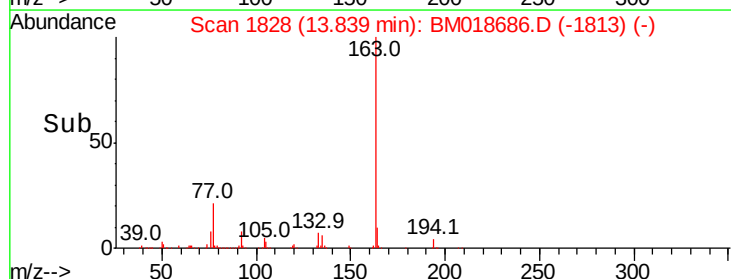


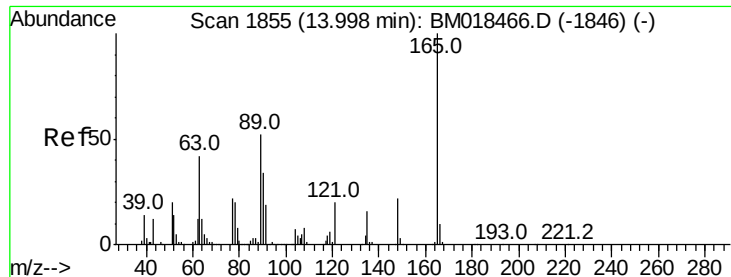
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

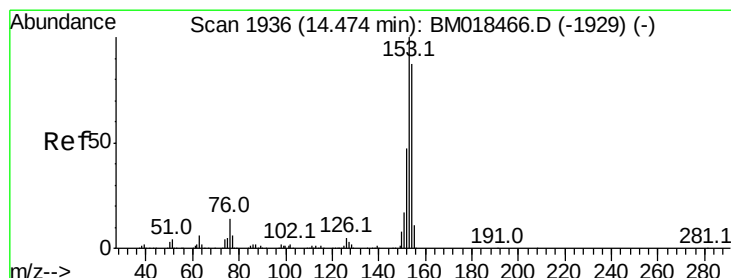
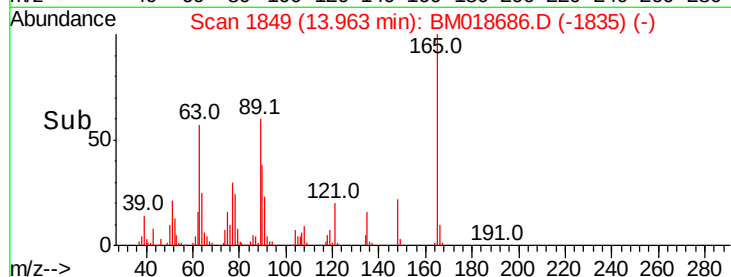
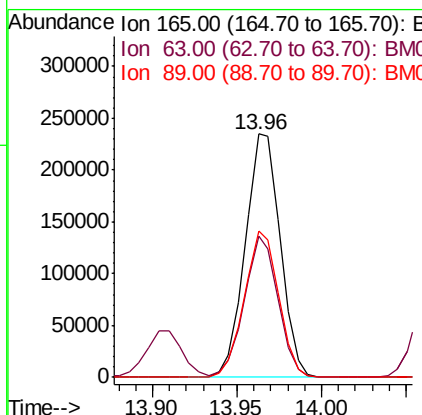
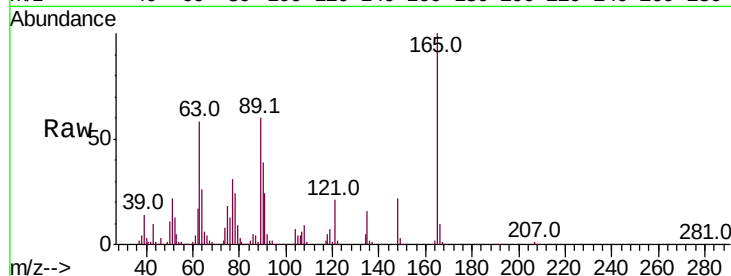




#51
 2,6-Dinitrotoluene
 Concen: 43.356 ng
 RT: 13.96 min Scan# 1849
 Delta R.T. -0.02 min
 Lab File: BM018686.D
 Acq: 29 Jan 2019 20:26

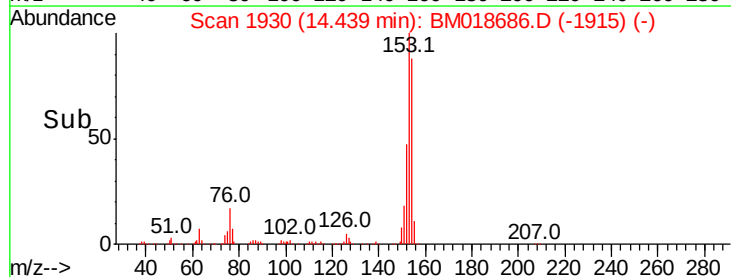
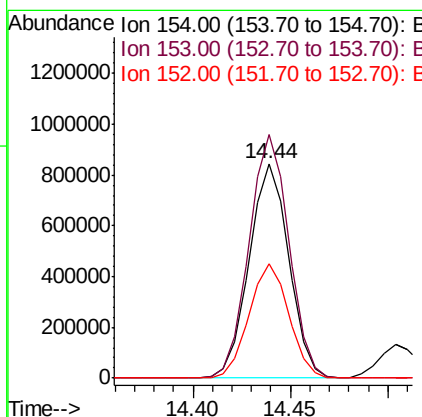
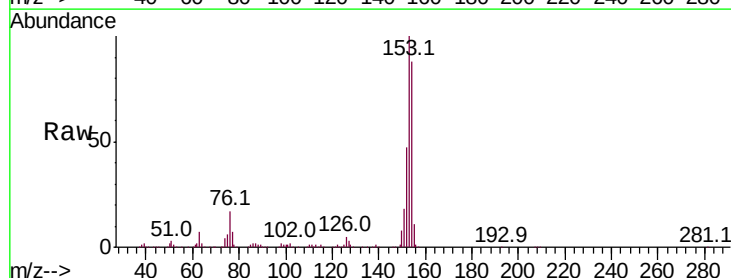
Instrument :
 BNA_M
 ClientSampleId :

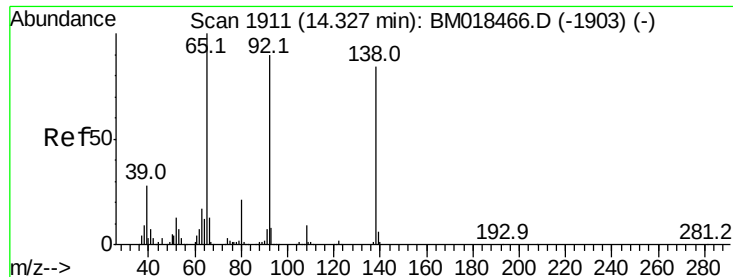
Tot Ion	Ratio	Lower	Upper
165	100		
63	58.1	45.6	68.4
89	60.4	44.6	66.8



#52
 Acenaphthene
 Concen: 43.873 ng
 RT: 14.44 min Scan# 1930
 Delta R.T. -0.01 min
 Lab File: BM018686.D
 Acq: 29 Jan 2019 20:26

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.6	92.3	138.5
152	53.4	43.8	65.6

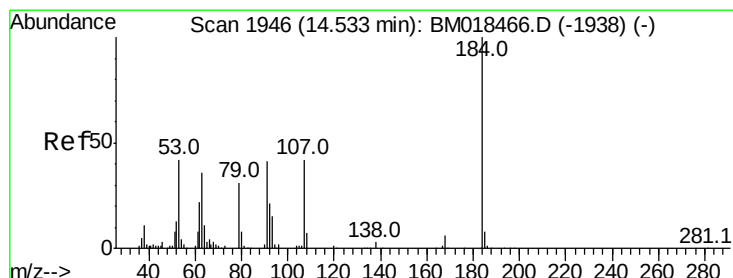
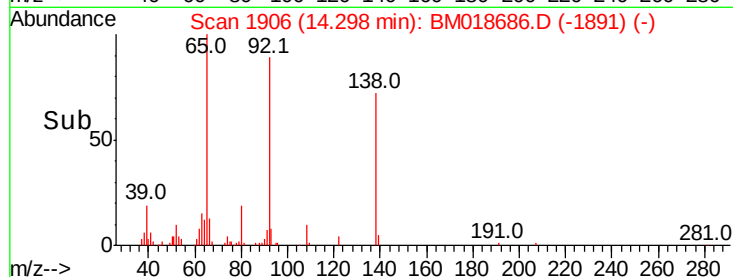
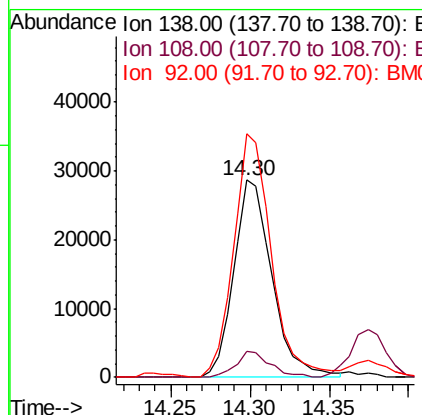
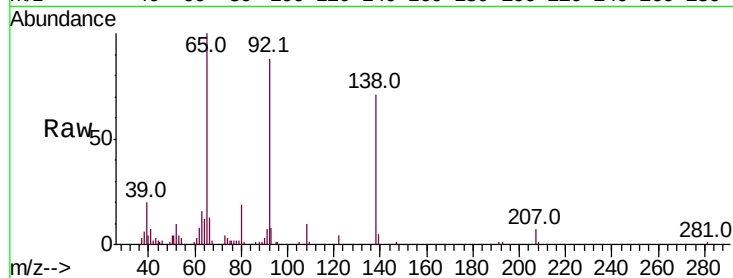




#53
 3-Nitroaniline
 Concen: 6.066 ng
 RT: 14.30 min Scan# 1906
 Delta R.T. -0.01 min
 Lab File: BM018686.D
 Acq: 29 Jan 2019 20:26

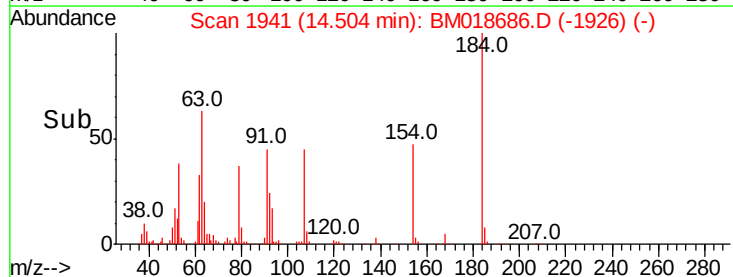
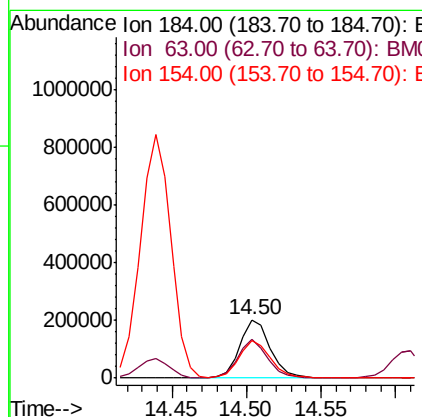
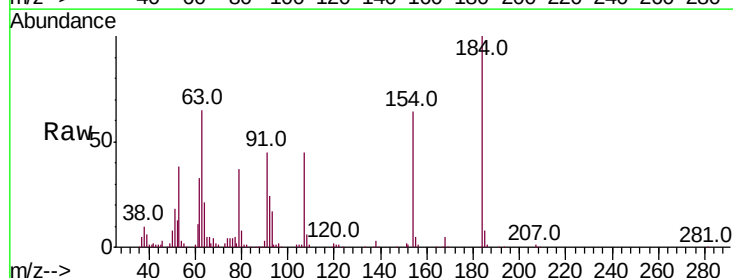
Instrument :
 BNA_M
 ClientSampleId :

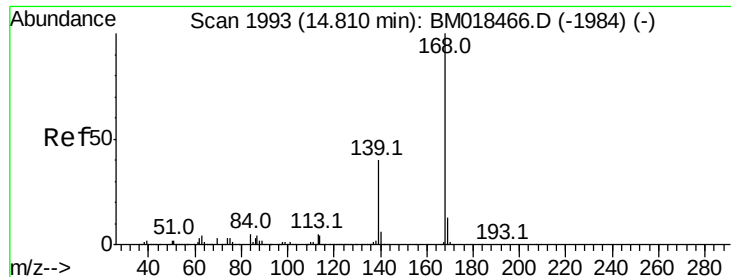
Tot Ion:138 Resp: 47913
 Ion Ratio Lower Upper
 138 100
 108 13.3 9.1 13.7
 92 123.6 88.2 132.2



#54
 2,4-Dinitrophenol
 Concen: 69.376 ng
 RT: 14.50 min Scan# 1941
 Delta R.T. -0.01 min
 Lab File: BM018686.D
 Acq: 29 Jan 2019 20:26

Tgt Ion:184 Resp: 289785
 Ion Ratio Lower Upper
 184 100
 63 65.4 55.9 83.9
 154 64.2 54.2 81.4

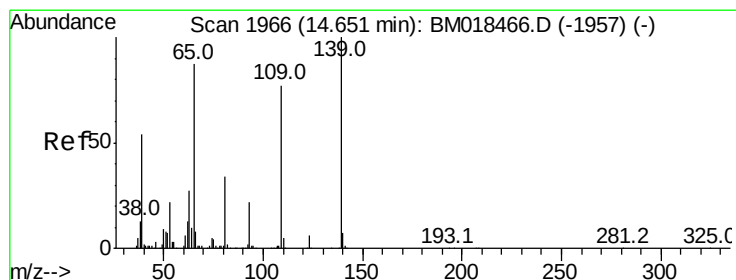
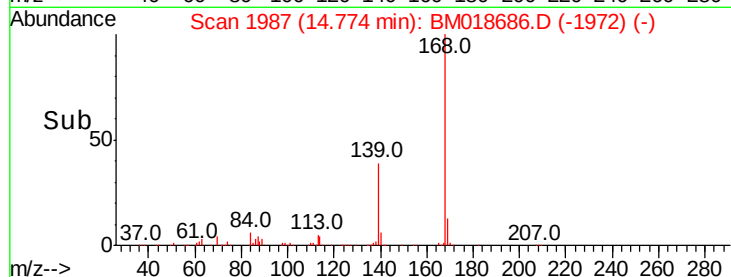
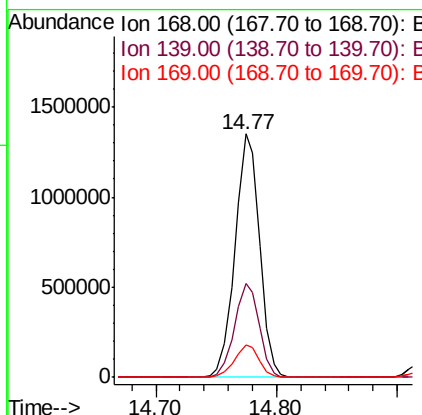
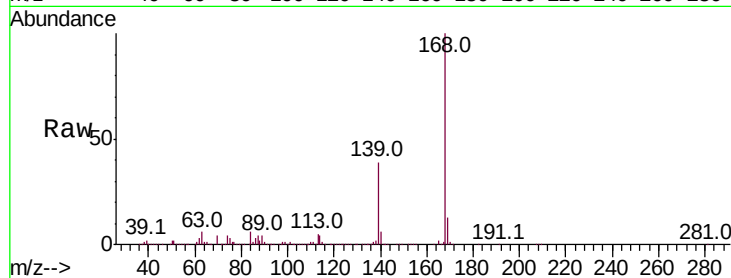




#55
Dibenzofuran
Concen: 42.394 ng
RT: 14.77 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BM018686.D
Acq: 29 Jan 2019 20:26

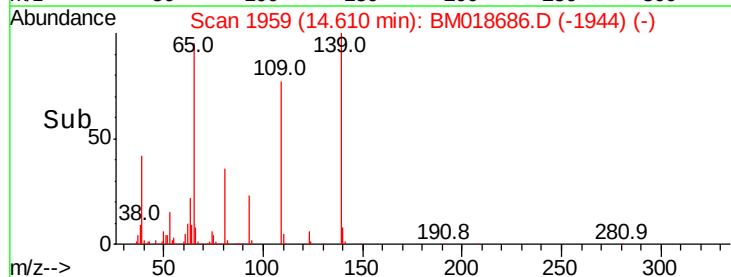
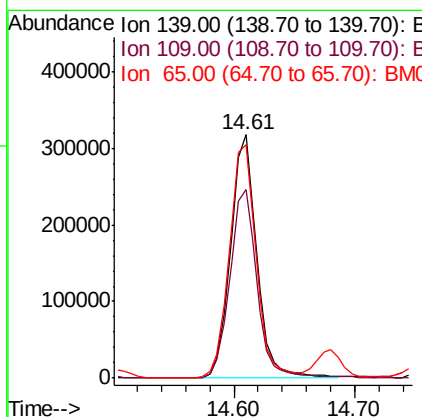
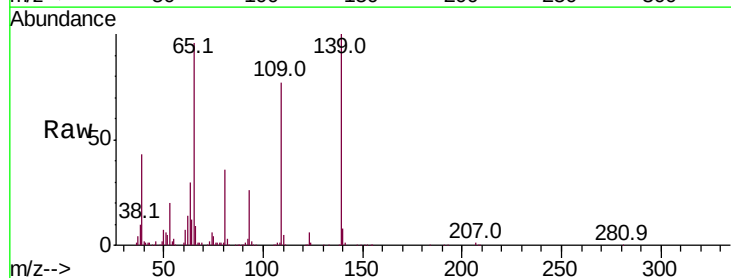
Instrument :
BNA_M
ClientSampleId :

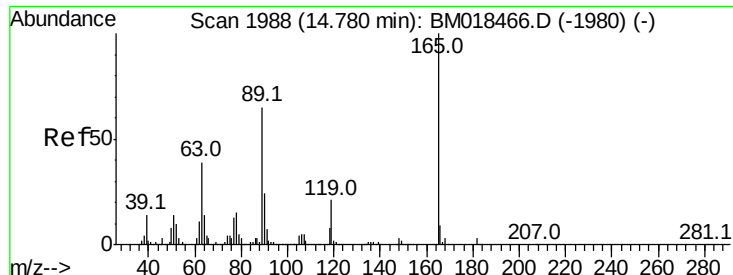
Tot Ion:168 Resp: 1904557
Ion Ratio Lower Upper
168 100
139 38.7 30.3 45.5
169 13.1 10.6 16.0



#56
4-Nitrophenol
Concen: 70.416 ng
RT: 14.61 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BM018686.D
Acq: 29 Jan 2019 20:26

Tgt Ion:139 Resp: 480485
Ion Ratio Lower Upper
139 100
109 77.5 51.7 91.7
65 96.0 71.4 111.4

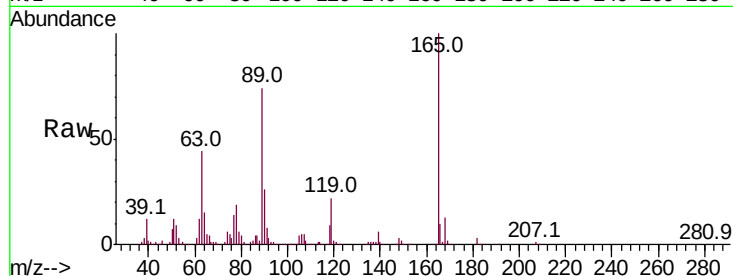




#57
2,4-Dinitrotoluene
Concen: 41.269 ng
RT: 14.75 min Scan# 1983
Delta R.T. -0.01 min
Lab File: BM018686.D
Acq: 29 Jan 2019 20:26

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.3	32.2	48.2
89	73.6	52.1	78.1
182	2.8	2.5	3.7



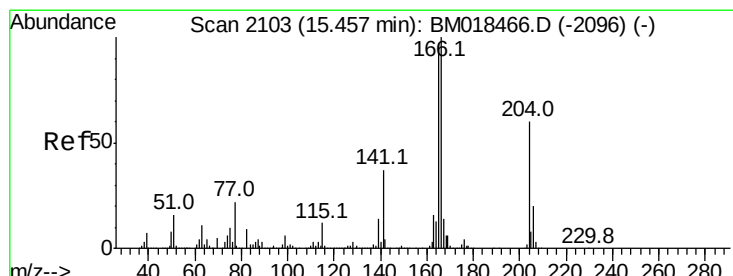
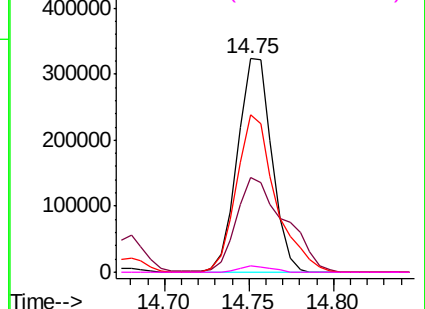
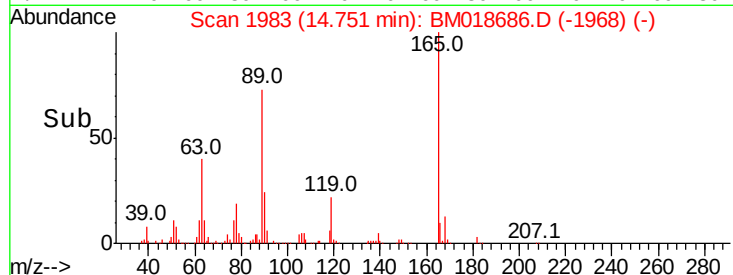
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

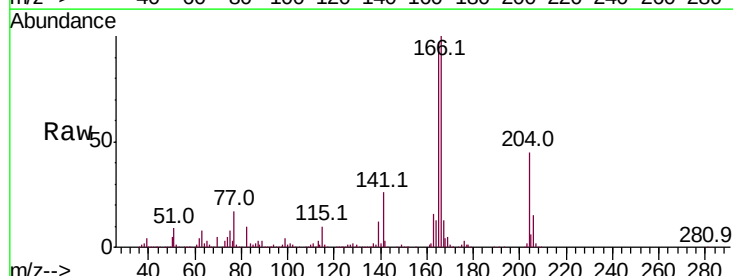
Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 45.125 ng
RT: 15.43 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BM018686.D
Acq: 29 Jan 2019 20:26

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.1	78.3	117.5
167	13.4	10.9	16.3

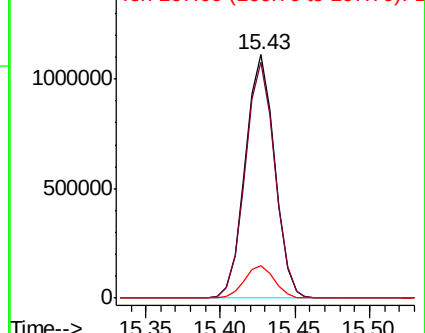
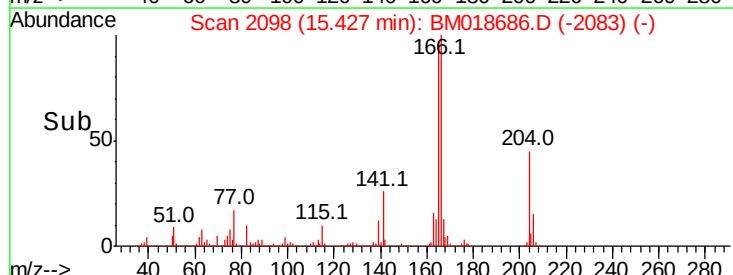


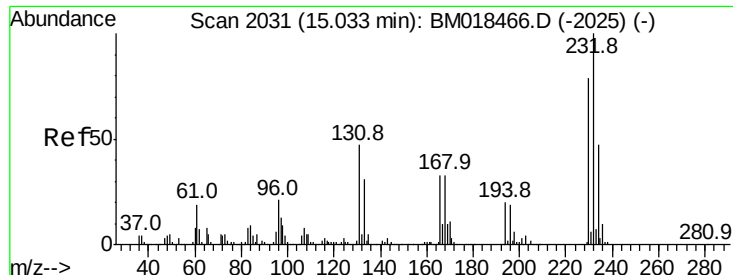
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

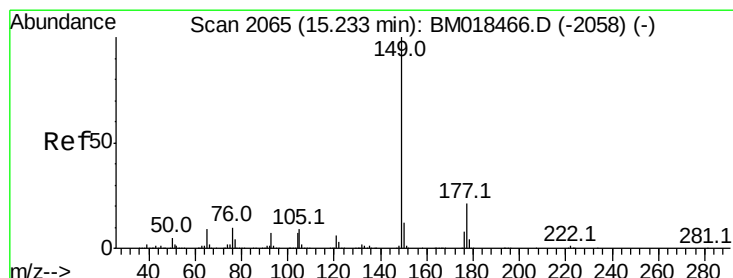
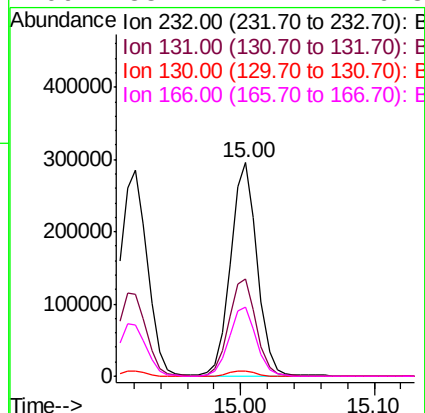
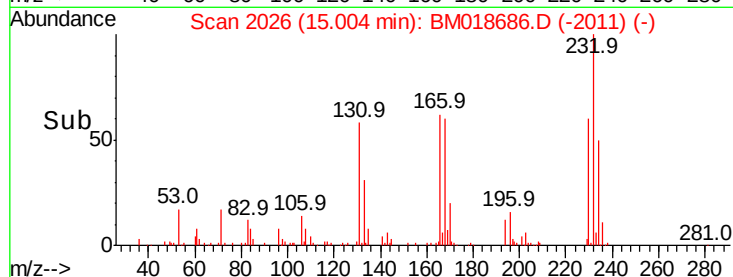
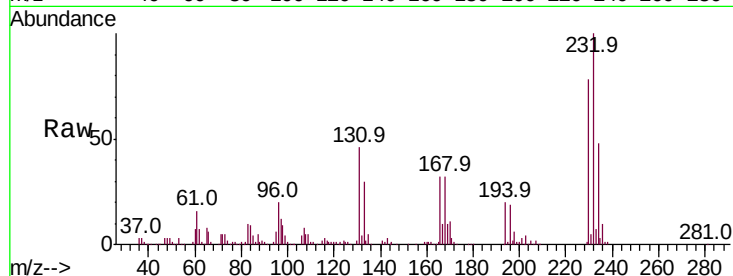




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.025 ng
 RT: 15.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BM018686.D
 Acq: 29 Jan 2019 20:26

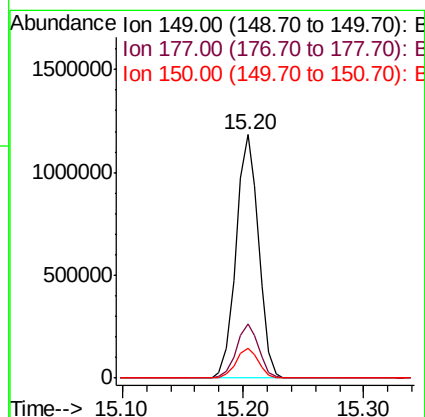
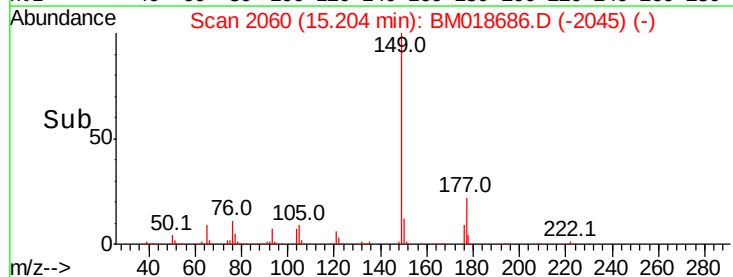
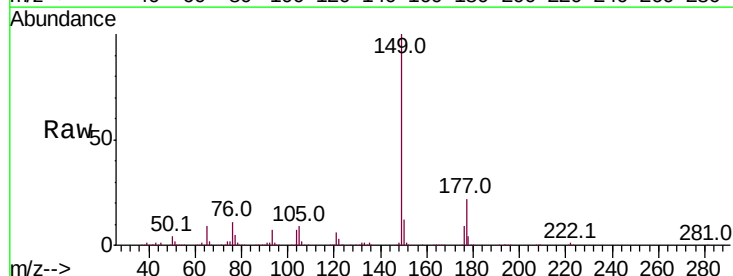
Instrument :
 BNA_M
 ClientSampled :

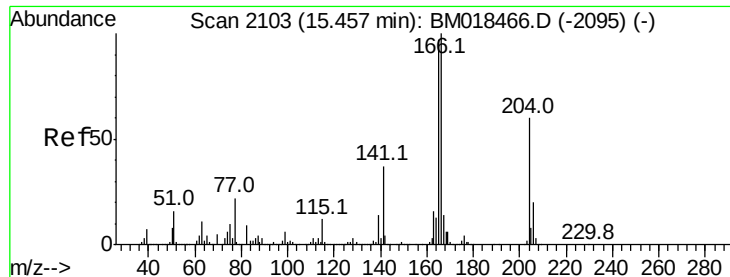
Tot Ion:232	Resp:	410329	
Ion Ratio	Lower	Upper	
232 100			
131 46.7	38.6	57.8	
130 2.6	2.2	3.4	
166 33.2	27.2	40.8	



#60
 Diethylphthalate
 Concen: 41.083 ng
 RT: 15.20 min Scan# 2060
 Delta R.T. -0.01 min
 Lab File: BM018686.D
 Acq: 29 Jan 2019 20:26

Tgt Ion:149	Resp: 1533960
Ion Ratio	Lower Upper
149 100	
177 22.1	17.1 25.7
150 12.5	9.8 14.6

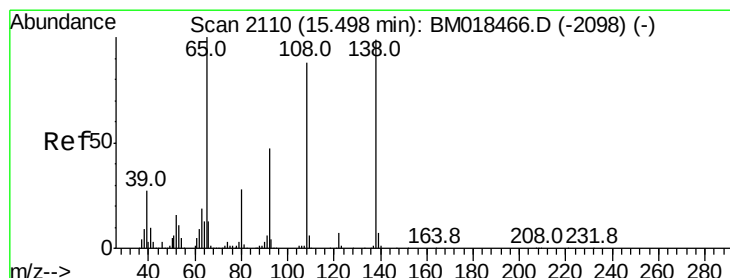
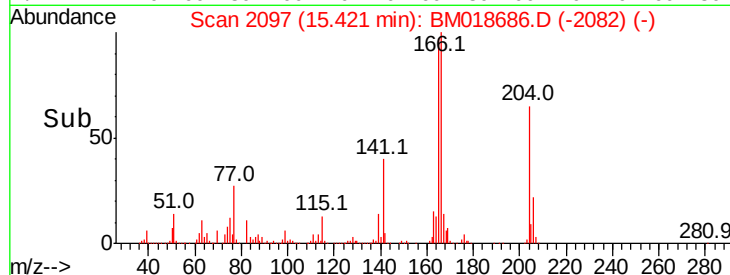
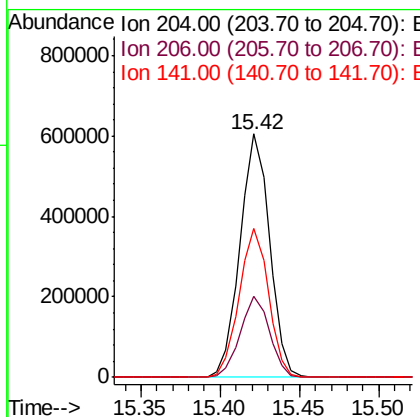
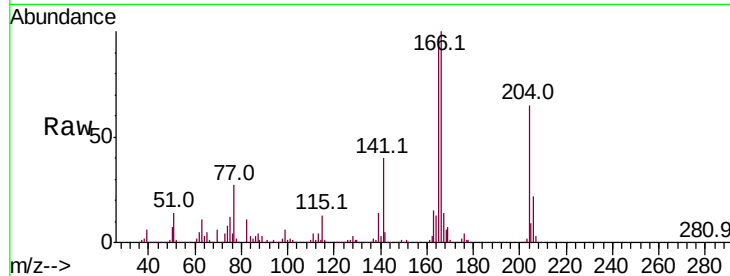




#61
 4-Chlorophenyl-phenylether
 Concen: 40.566 ng
 RT: 15.42 min Scan# 2097
 Delta R.T. -0.01 min
 Lab File: BM018686.D
 Acq: 29 Jan 2019 20:26

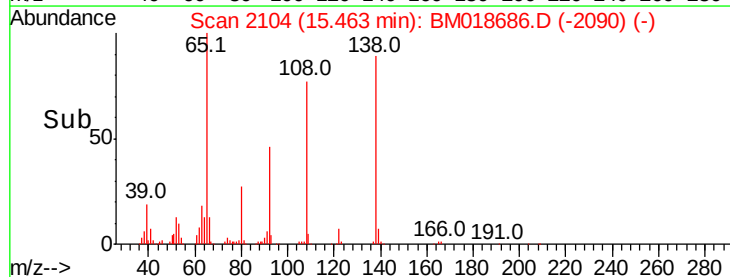
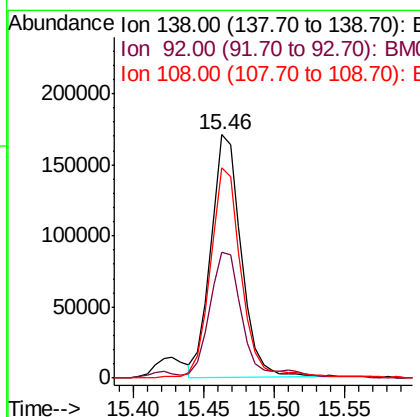
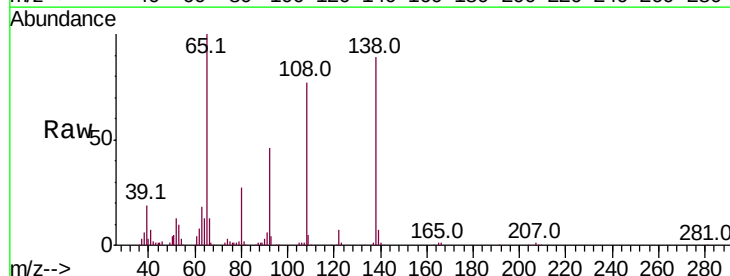
Instrument :
 BNA_M
 ClientSampleId :

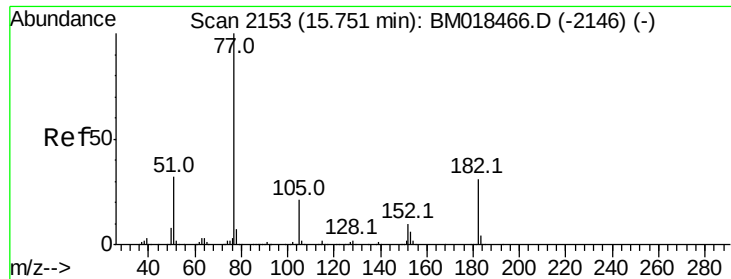
Tot Ion:	204	Resp:	782454
Ion	Ratio	Lower	Upper
204	100		
206	33.4	25.8	38.6
141	60.9	49.5	74.3



#62
 4-Nitroaniline
 Concen: 29.456 ng
 RT: 15.46 min Scan# 2104
 Delta R.T. -0.02 min
 Lab File: BM018686.D
 Acq: 29 Jan 2019 20:26

Tgt Ion:	138	Resp:	253772
Ion	Ratio	Lower	Upper
138	100		
92	51.5	29.0	69.0
108	86.2	63.9	103.9

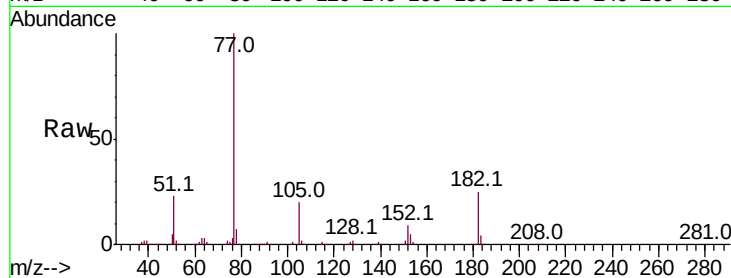




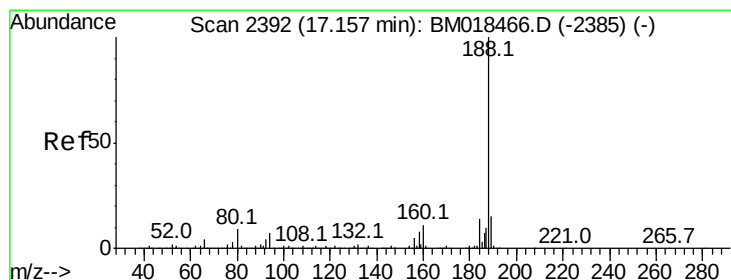
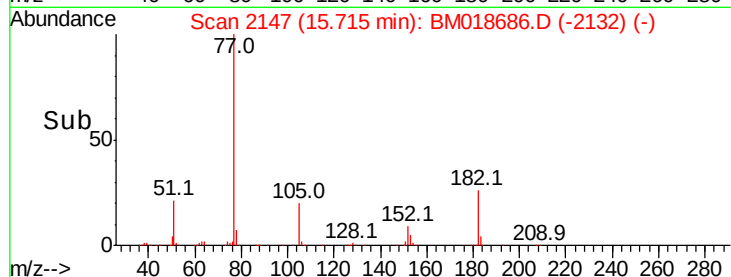
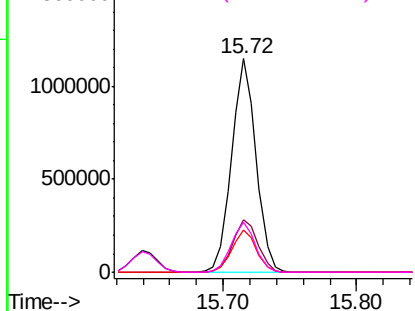
#63
Azobenzene
Concen: 47.985 ng
RT: 15.72 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BM018686.D
Acq: 29 Jan 2019 20:26

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 77 Resp: 1460796
Ion Ratio Lower Upper
77 100
182 24.8 7.4 47.4
105 19.8 0.0 39.6
51 23.1 12.0 52.0

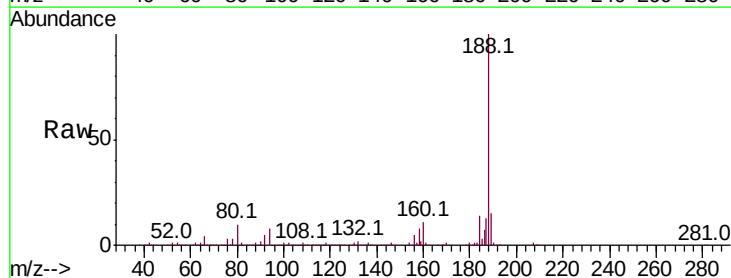


Abundance Ion 77.00 (76.70 to 77.70): BM018686.D (-2146) (-)
Ion 182.00 (181.70 to 182.70): BM018686.D (-2146) (-)
Ion 105.00 (104.70 to 105.70): BM018686.D (-2146) (-)
Ion 51.00 (50.70 to 51.70): BM018686.D (-2146) (-)

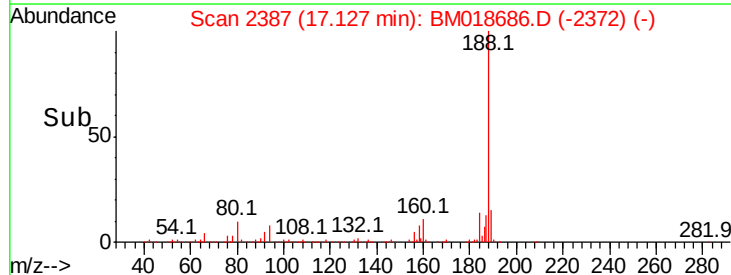
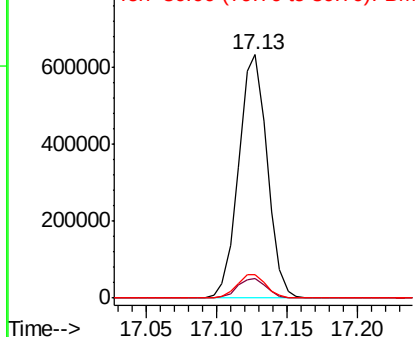


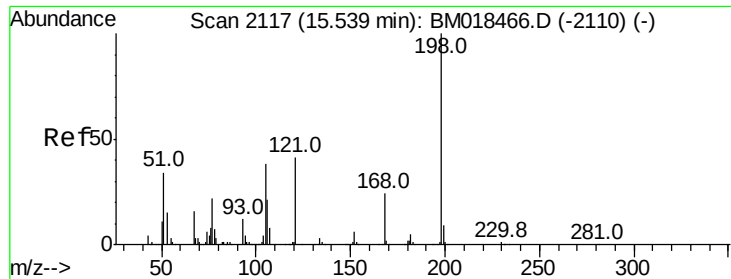
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.13 min Scan# 2387
Delta R.T. -0.01 min
Lab File: BM018686.D
Acq: 29 Jan 2019 20:26

Tgt Ion: 188 Resp: 894470
Ion Ratio Lower Upper
188 100
94 8.1 7.1 10.7
80 9.7 7.6 11.4



Abundance Ion 188.00 (187.70 to 188.70): BM018686.D (-2372) (-)
Ion 94.00 (93.70 to 94.70): BM018686.D (-2372) (-)
Ion 80.00 (79.70 to 80.70): BM018686.D (-2372) (-)

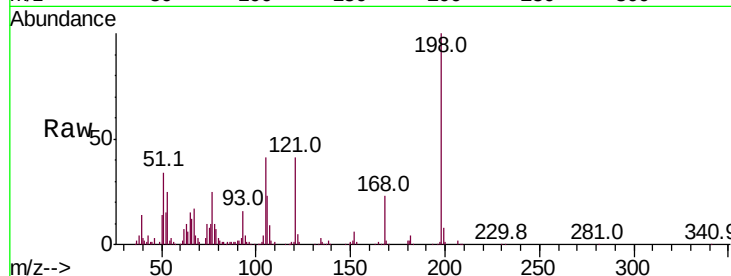




#65
4,6-Dinitro-2-methylphenol
Concen: 39.201 ng
RT: 15.52 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BM018686.D
Acq: 29 Jan 2019 20:26

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	33.8	29.6	69.6
105	41.4	25.5	65.5

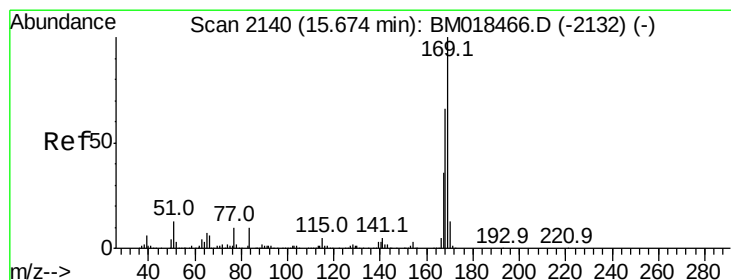
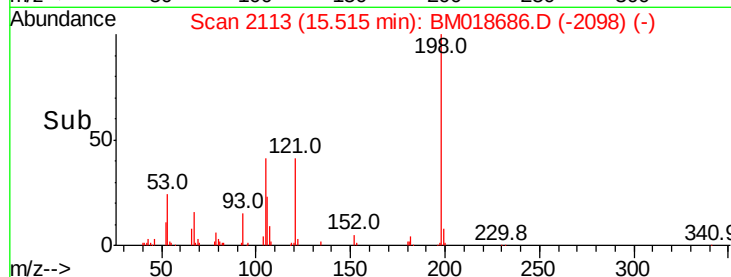
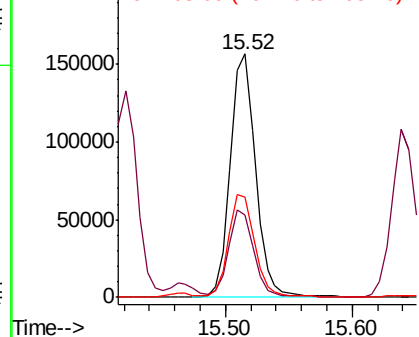


Abundance

Ion 198.00 (197.70 to 198.70): E

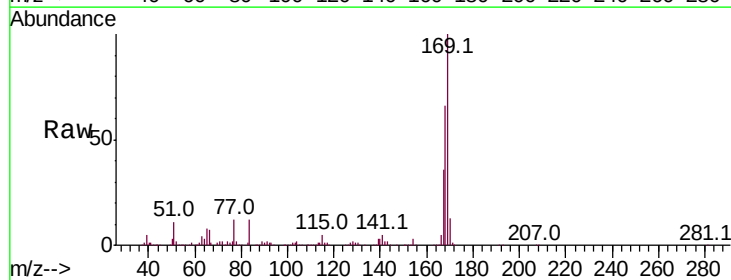
Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 46.566 ng
RT: 15.64 min Scan# 2134
Delta R.T. -0.02 min
Lab File: BM018686.D
Acq: 29 Jan 2019 20:26

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.8	54.1	81.1
167	36.4	28.6	42.8

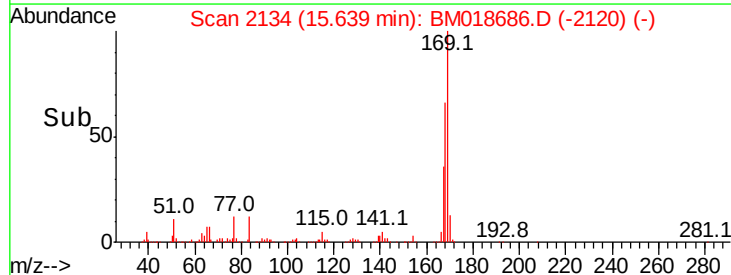
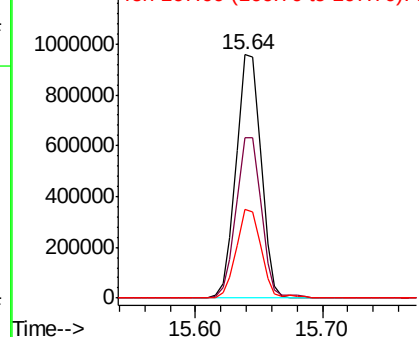


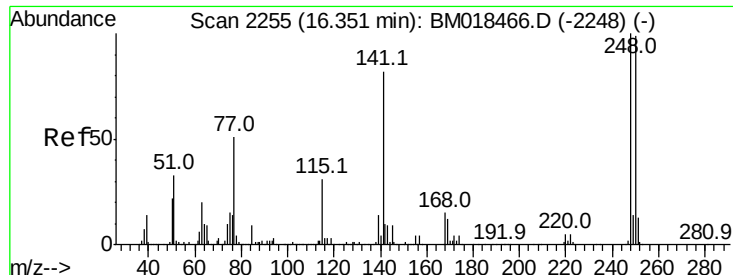
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

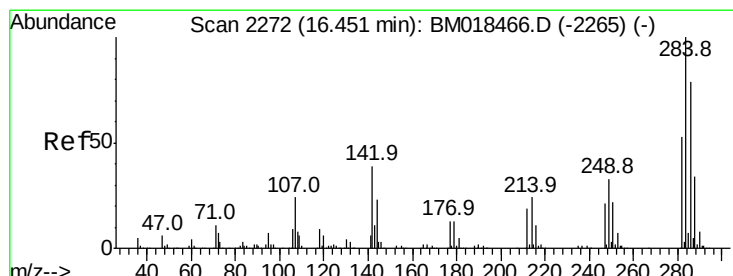
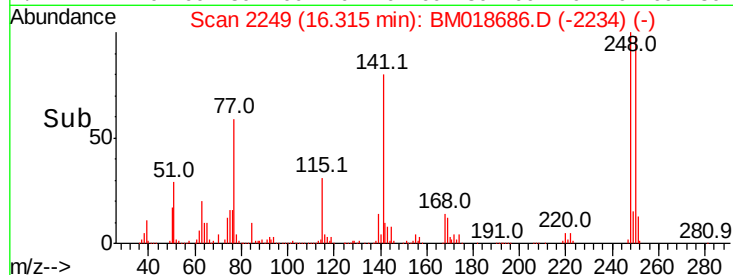
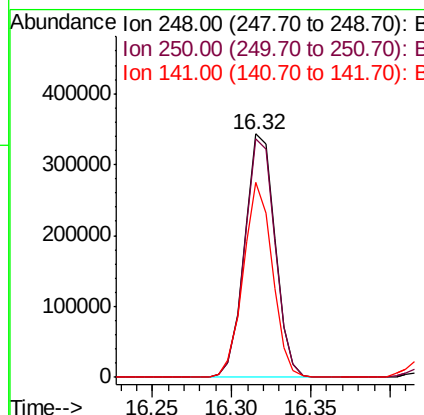
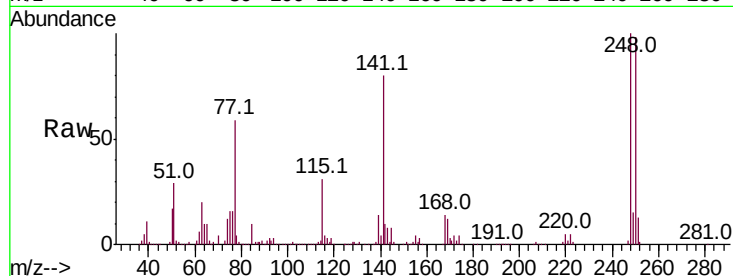




#67
 4-Bromophenyl-phenylether
 Concen: 45.725 ng
 RT: 16.32 min Scan# 2249
 Delta R.T. -0.01 min
 Lab File: BM018686.D
 Acq: 29 Jan 2019 20:26

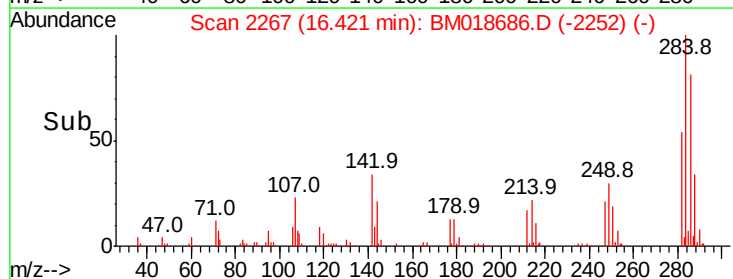
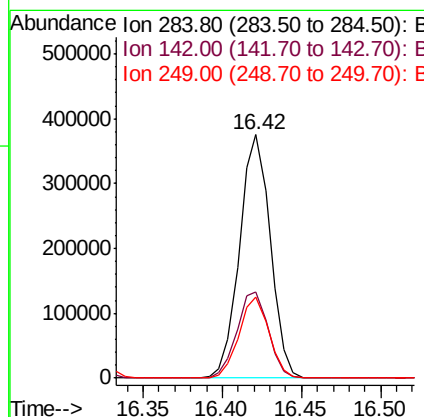
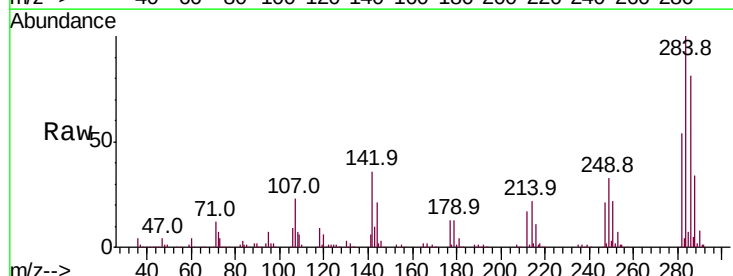
Instrument :
 BNA_M
 ClientSampleId :

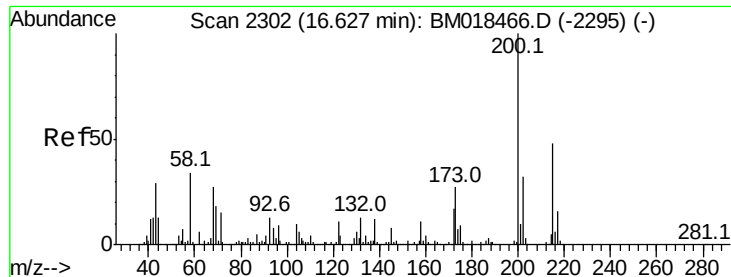
Tot Ion:	248	Resp:	457686
Ion	Ratio	Lower	Upper
248	100		
250	98.1	76.0	114.0
141	80.2	61.5	92.3



#68
 Hexachlorobenzene
 Concen: 45.081 ng
 RT: 16.42 min Scan# 2267
 Delta R.T. -0.01 min
 Lab File: BM018686.D
 Acq: 29 Jan 2019 20:26

Tgt Ion:	284	Resp:	505162
Ion	Ratio	Lower	Upper
284	100		
142	35.7	29.2	43.8
249	33.2	26.1	39.1

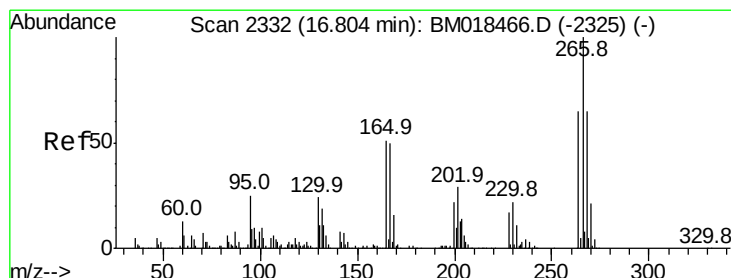
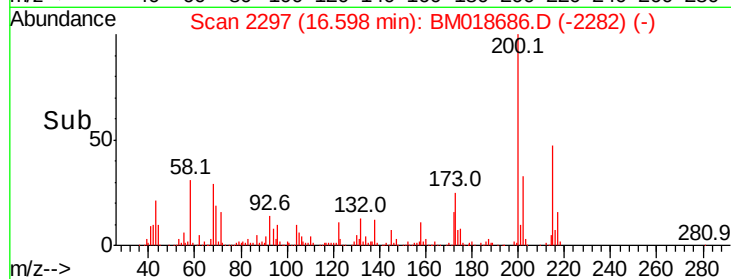
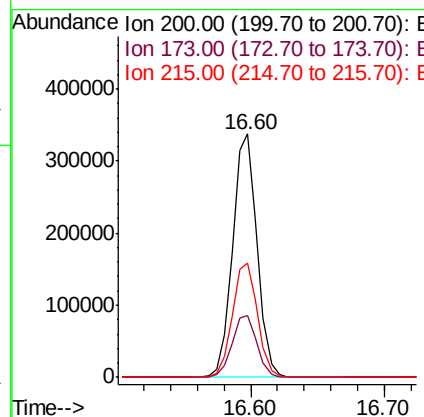
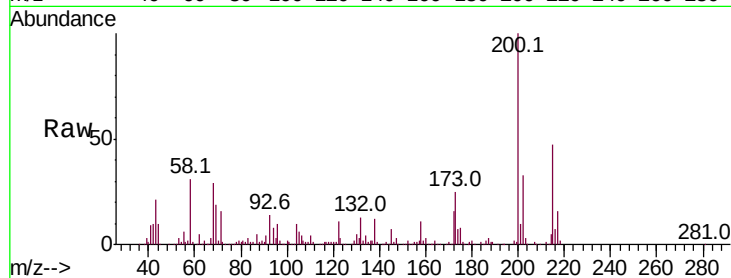




#69
 Atrazine
 Concen: 43.156 ng
 RT: 16.60 min Scan# 2297
 Delta R.T. -0.01 min
 Lab File: BM018686.D
 Acq: 29 Jan 2019 20:26

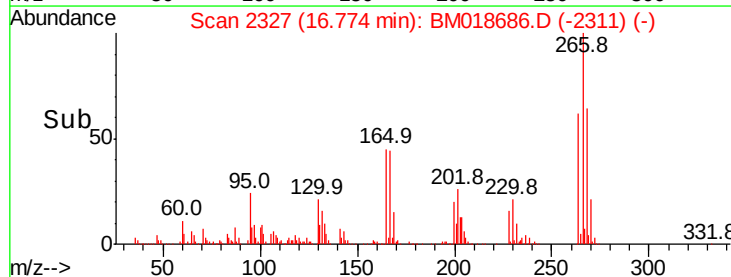
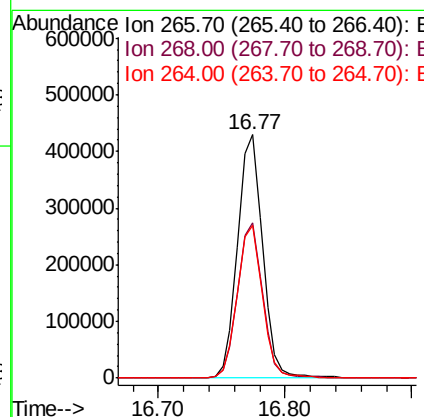
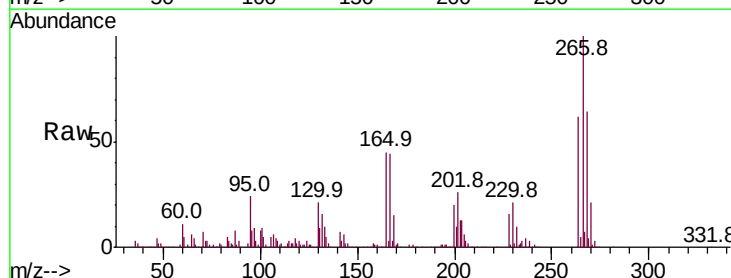
Instrument :
 BNA_M
 ClientSampled :

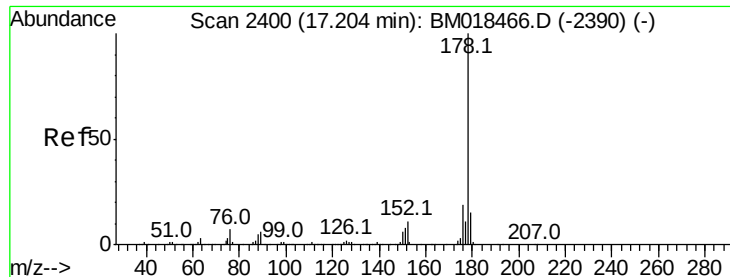
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.2	7.2	47.2
215	47.2	28.3	68.3



#70
 Pentachlorophenol
 Concen: 79.951 ng
 RT: 16.77 min Scan# 2327
 Delta R.T. -0.01 min
 Lab File: BM018686.D
 Acq: 29 Jan 2019 20:26

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.5	49.8	74.6
264	62.5	50.1	75.1

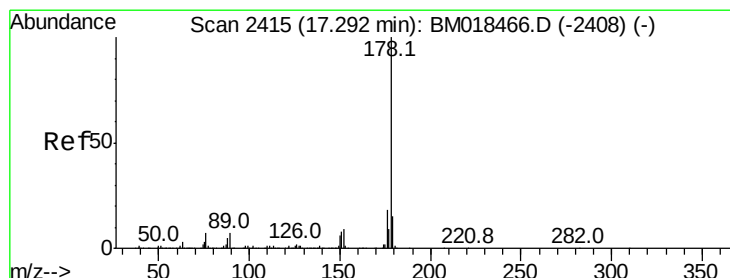
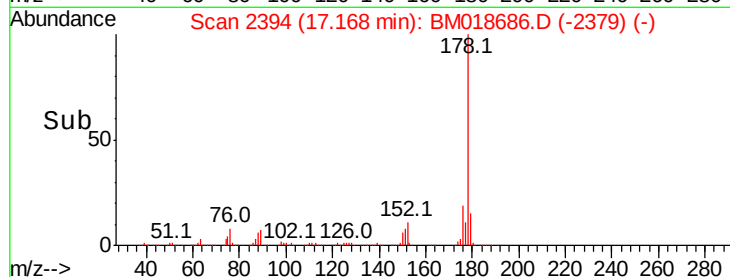
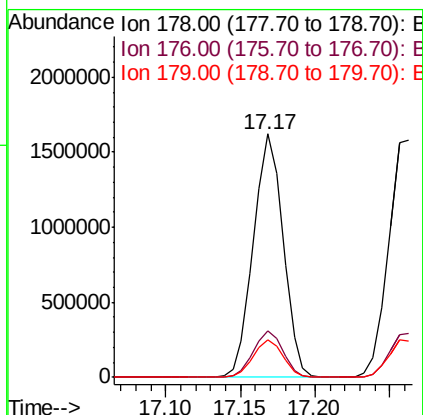
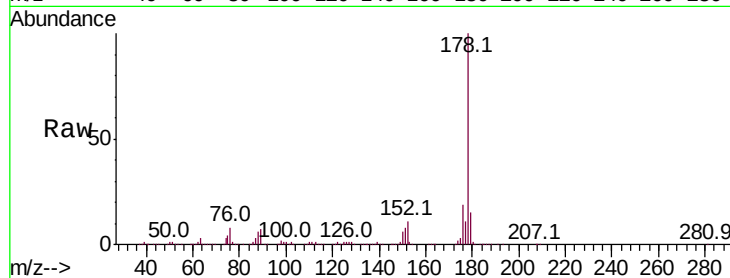




#71
Phenanthrene
Concen: 46.948 ng
RT: 17.17 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BM018686.D
Acq: 29 Jan 2019 20:26

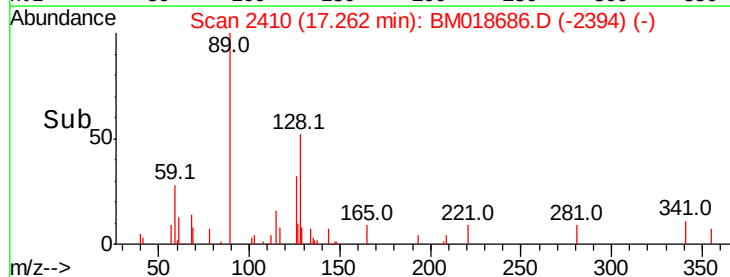
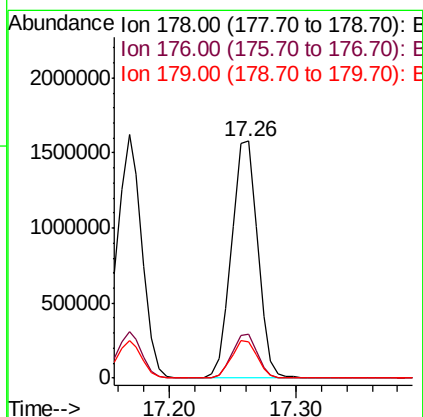
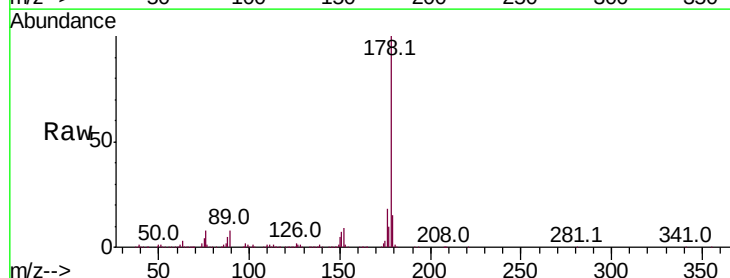
Instrument :
BNA_M
ClientSampleId :

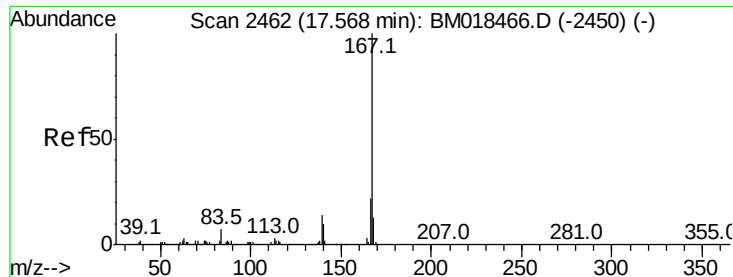
Tot Ion:178 Resp: 2233635
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.0
179 15.3 12.2 18.4



#72
Anthracene
Concen: 49.022 ng
RT: 17.26 min Scan# 2410
Delta R.T. -0.01 min
Lab File: BM018686.D
Acq: 29 Jan 2019 20:26

Tgt Ion:178 Resp: 2242747
Ion Ratio Lower Upper
178 100
176 18.5 14.7 22.1
179 15.1 12.2 18.4





#73

Carbazole

Concen: 41.510 ng

RT: 17.54 min Scan# 2457

Delta R.T. -0.01 min

Lab File: BM018686.D

Acq: 29 Jan 2019 20:26

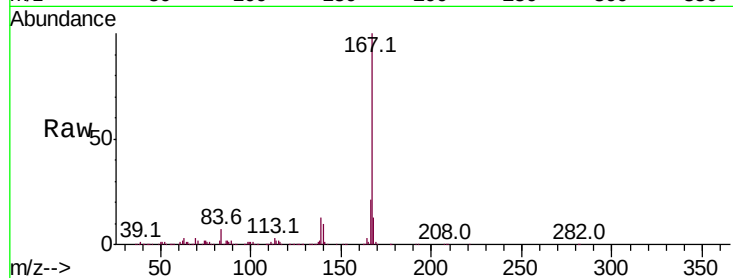
Instrument :

BNA_M

ClientSampleId :

Tot Ion:167 Resp: 1951108

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.4	26.2
139	12.9	10.6	16.0

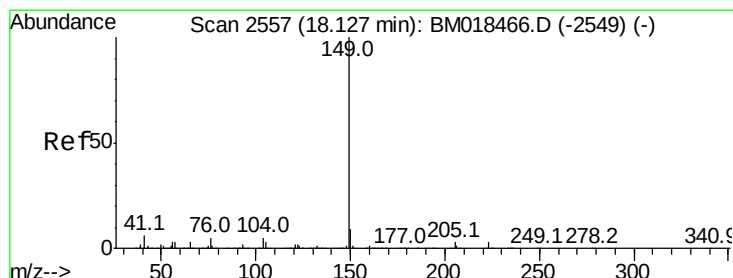
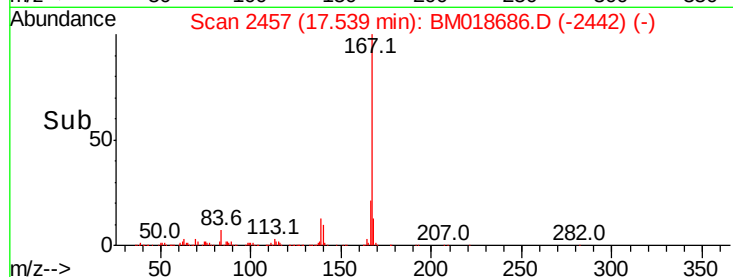
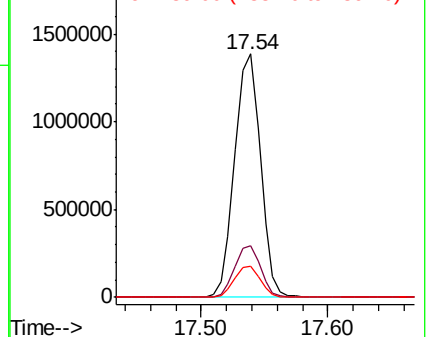


Abundance

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



#74

Di-n-butylphthalate

Concen: 45.419 ng

RT: 18.09 min Scan# 2551

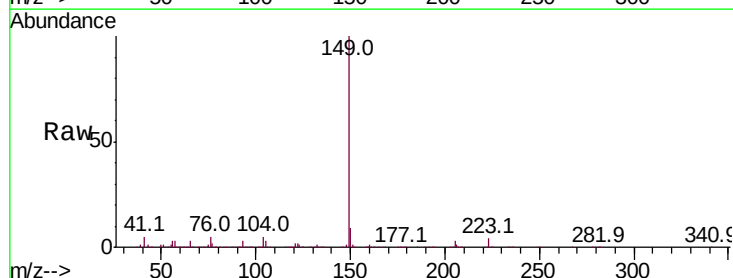
Delta R.T. -0.01 min

Lab File: BM018686.D

Acq: 29 Jan 2019 20:26

Tgt Ion:149 Resp: 2338466

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	5.3	4.2	6.4

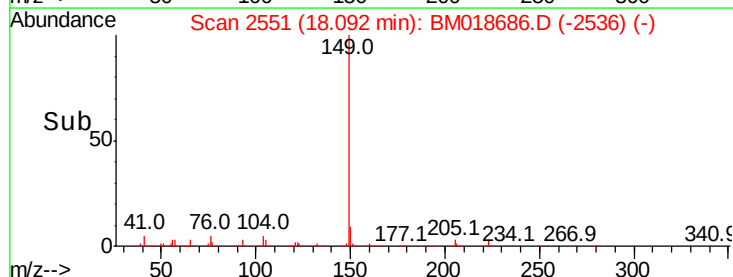
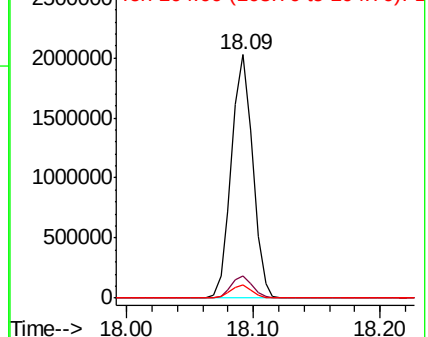


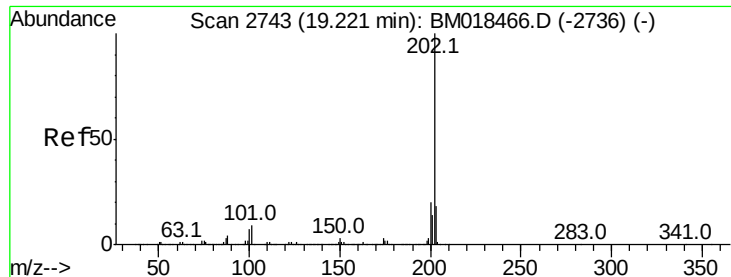
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 44.163 ng

RT: 19.19 min Scan# 2737

Delta R.T. -0.01 min

Lab File: BM018686.D

Acq: 29 Jan 2019 20:26

Instrument :

BNA_M

ClientSampleId :

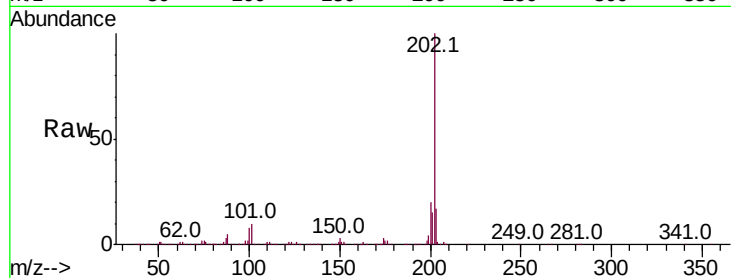
Tot Ion:202 Resp: 2422439

Ion Ratio Lower Upper

202 100

101 10.4 0.0 30.9

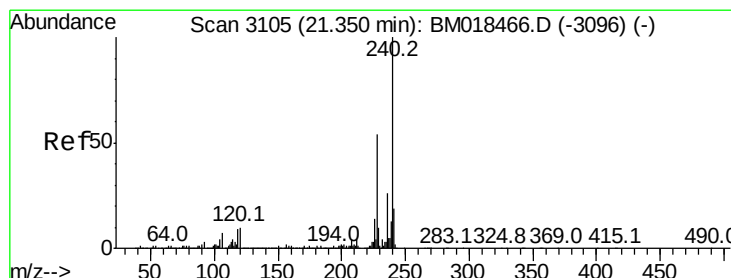
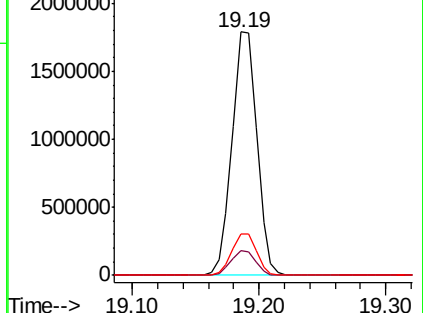
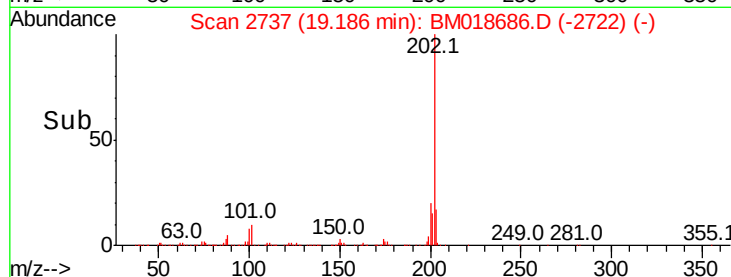
203 17.3 0.0 37.4



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.32 min Scan# 3100

Delta R.T. -0.01 min

Lab File: BM018686.D

Acq: 29 Jan 2019 20:26

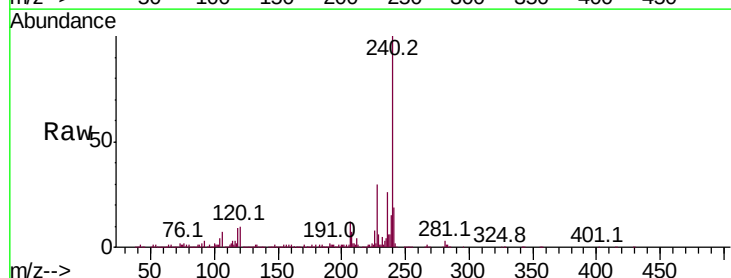
Tgt Ion:240 Resp: 818256

Ion Ratio Lower Upper

240 100

120 10.1 8.4 12.6

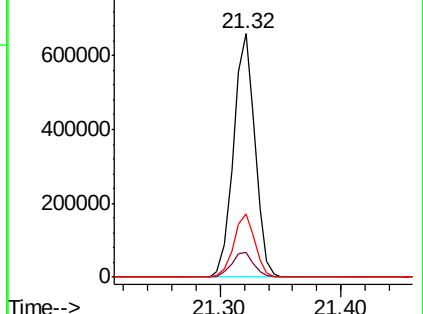
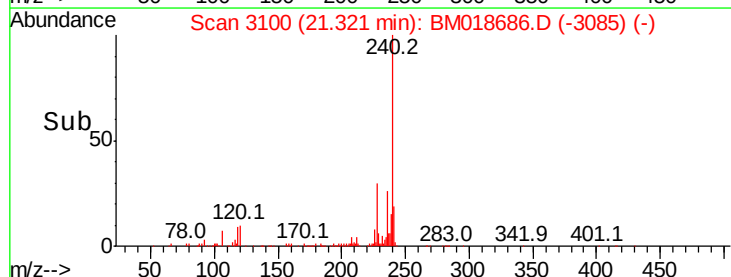
236 25.8 20.7 31.1

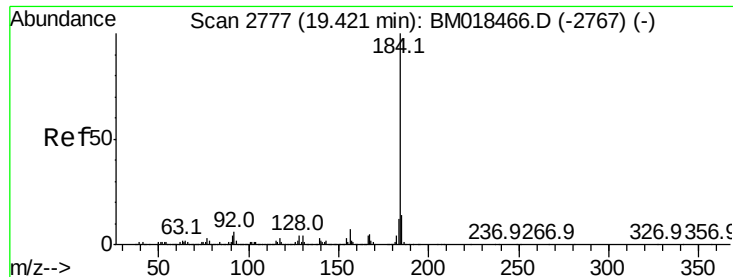


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 21.137 ng

RT: 19.39 min Scan# 2771

Delta R.T. -0.01 min

Lab File: BM018686.D

Acq: 29 Jan 2019 20:26

Instrument :

BNA_M

ClientSampleId :

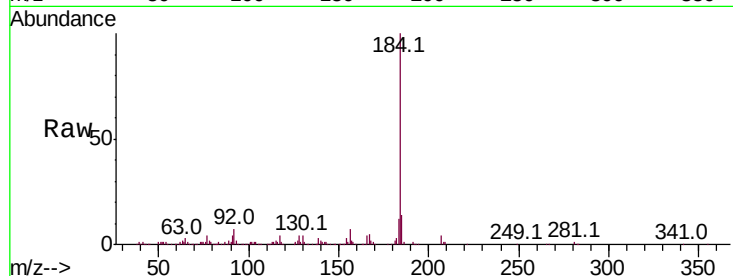
Tot Ion:184 Resp: 427056

Ion Ratio Lower Upper

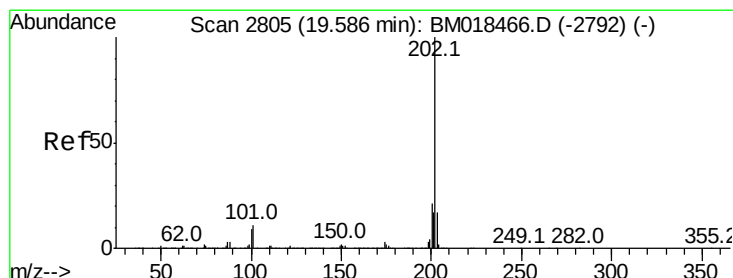
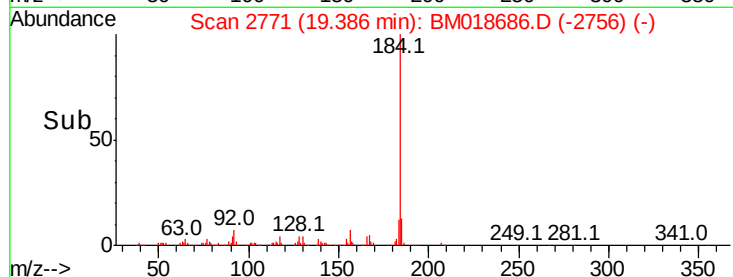
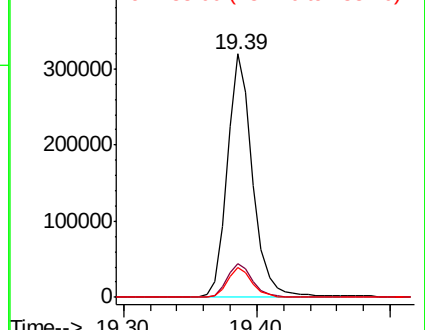
184 100

185 13.7 11.4 17.0

183 12.2 9.5 14.3



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



#78

Pyrene

Concen: 50.529 ng

RT: 19.56 min Scan# 2800

Delta R.T. -0.01 min

Lab File: BM018686.D

Acq: 29 Jan 2019 20:26

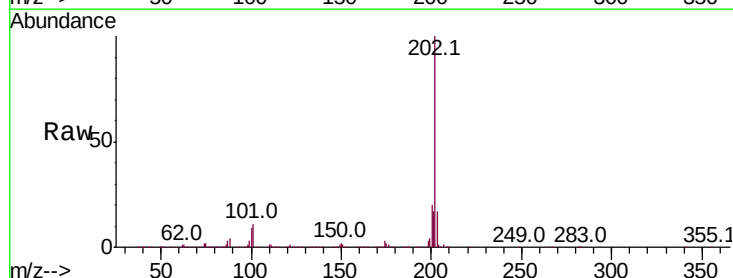
Tgt Ion:202 Resp: 2450744

Ion Ratio Lower Upper

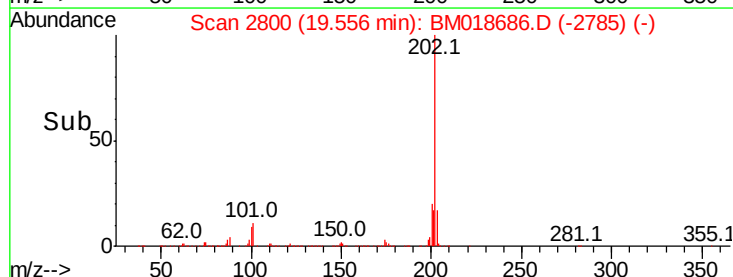
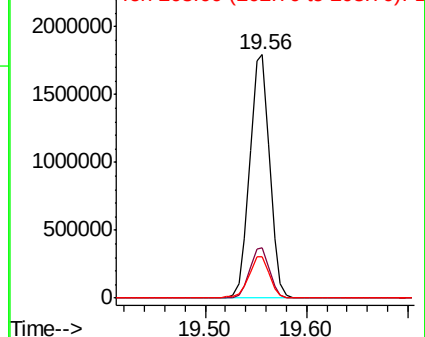
202 100

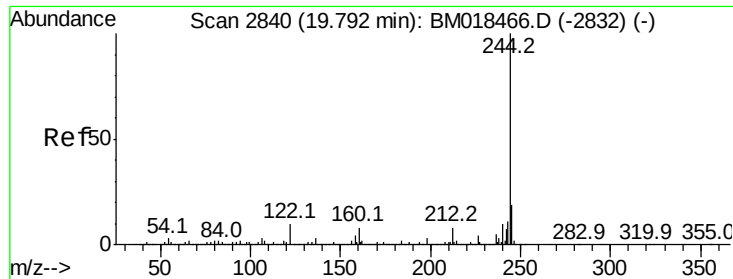
200 20.4 16.6 24.8

203 17.0 13.8 20.8



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





#79

Terphenyl-d14

Concen: 94.848 ng

RT: 19.76 min Scan# 2834

Delta R.T. -0.01 min

Lab File: BM018686.D

Acq: 29 Jan 2019 20:26

Instrument :

BNA_M

ClientSampled :

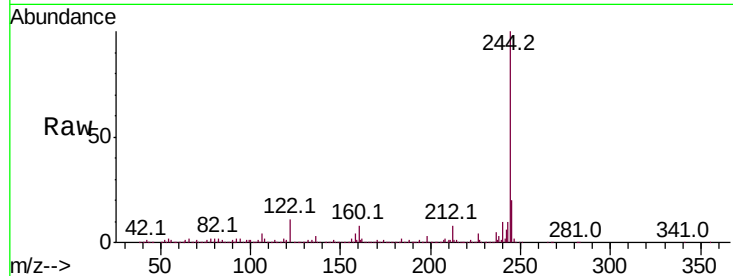
Tot Ion:244 Resp: 3681621

Ion Ratio Lower Upper

244 100

212 7.6 5.9 8.9

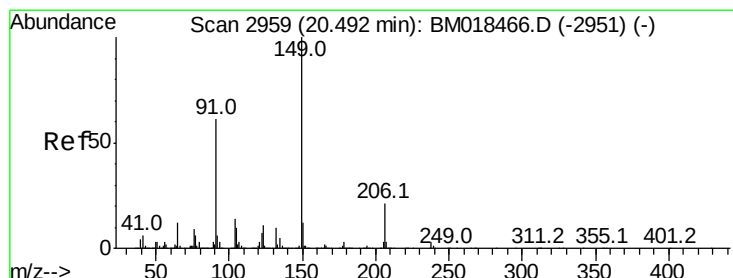
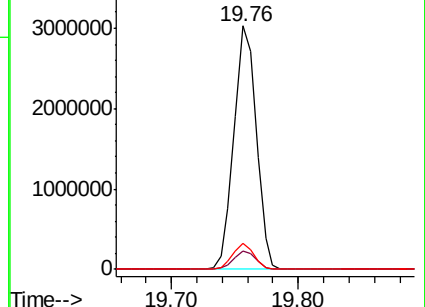
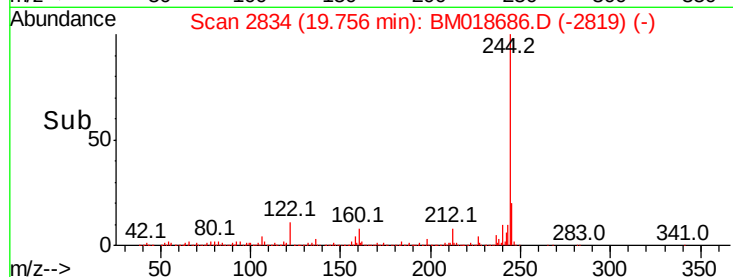
122 10.6 9.0 13.4



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



#80

Butylbenzylphthalate

Concen: 46.723 ng

RT: 20.46 min Scan# 2953

Delta R.T. -0.01 min

Lab File: BM018686.D

Acq: 29 Jan 2019 20:26

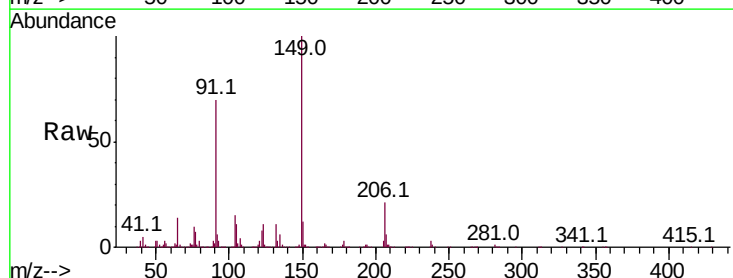
Tgt Ion:149 Resp: 966989

Ion Ratio Lower Upper

149 100

91 70.2 53.1 79.7

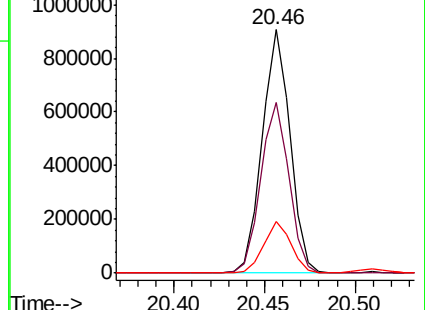
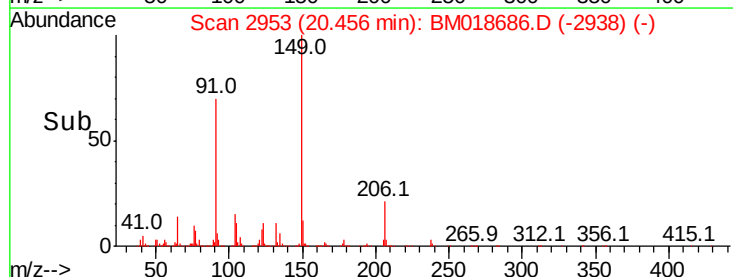
206 21.4 16.2 24.4

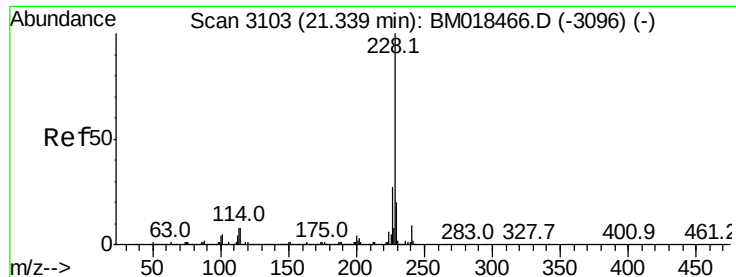


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 47.372 ng

RT: 21.30 min Scan# 3097

Delta R.T. -0.01 min

Lab File: BM018686.D

Acq: 29 Jan 2019 20:26

Instrument :

BNA_M

ClientSampled :

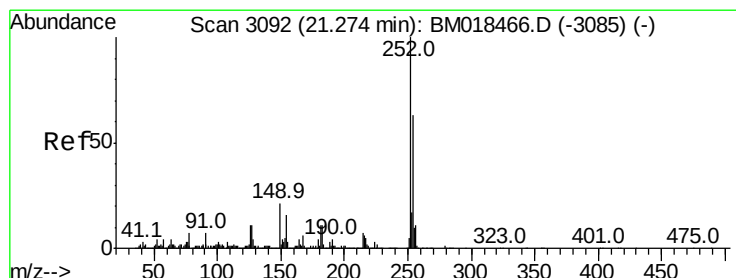
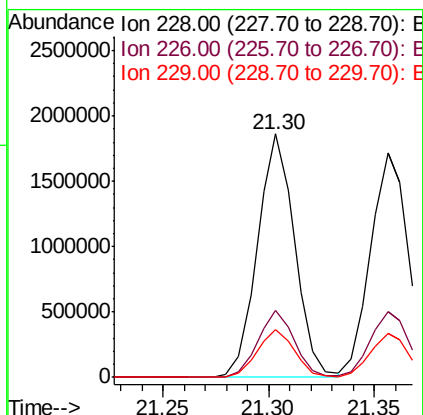
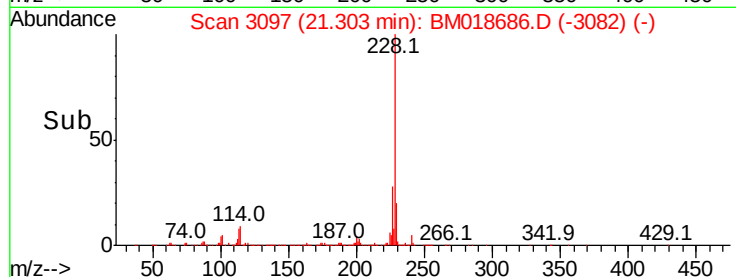
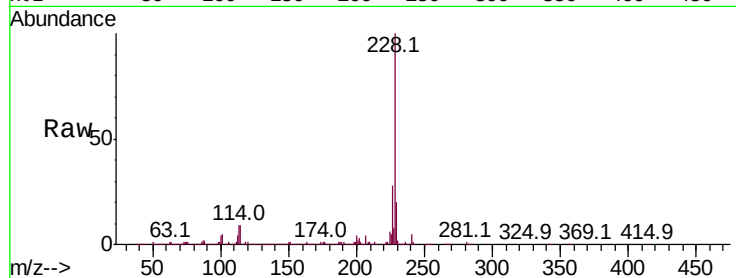
Tot Ion:228 Resp: 2283548

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.8	32.6
229	19.6	15.8	23.8

228 100

226 27.5 21.8 32.6

229 19.6 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 12.147 ng

RT: 21.24 min Scan# 3087

Delta R.T. -0.01 min

Lab File: BM018686.D

Acq: 29 Jan 2019 20:26

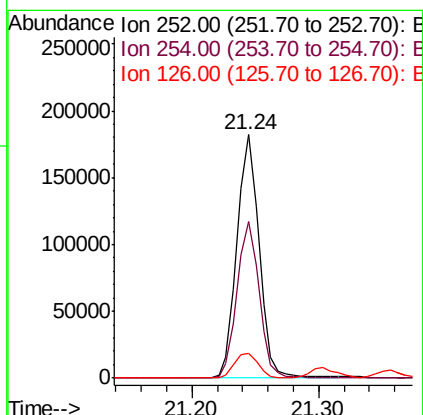
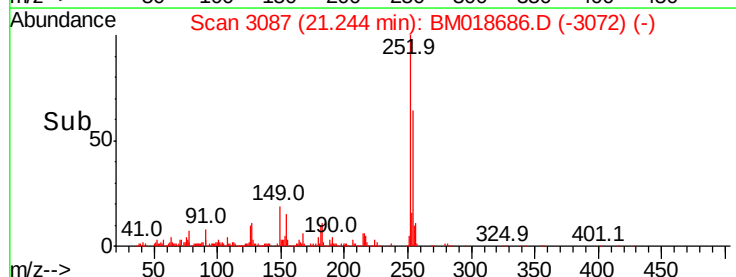
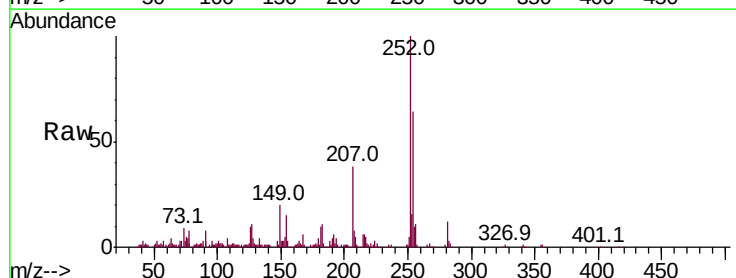
Tgt Ion:252 Resp: 221421

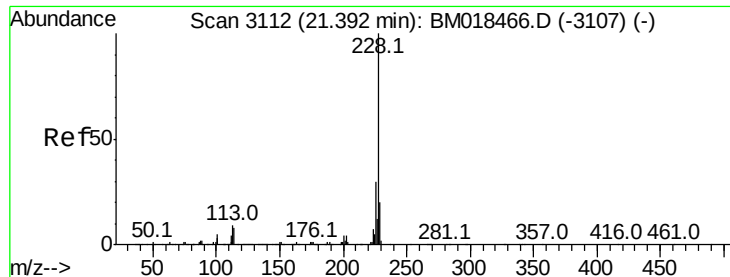
Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.4	77.0
126	10.2	8.7	13.1

252 100

254 64.3 51.4 77.0

126 10.2 8.7 13.1





#83

Chrysene

Concen: 46.013 ng

RT: 21.36 min Scan# 3106

Delta R.T. -0.01 min

Lab File: BM018686.D

Acq: 29 Jan 2019 20:26

Instrument :

BNA_M

ClientSampled :

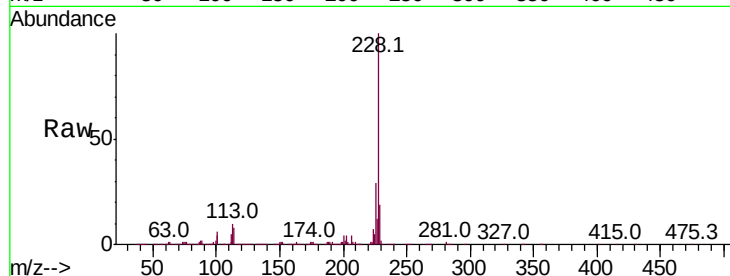
Tot Ion:228 Resp: 2141853

Ion Ratio Lower Upper

228 100

226 29.4 24.2 36.2

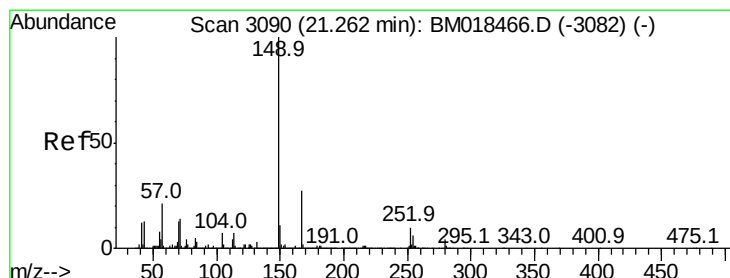
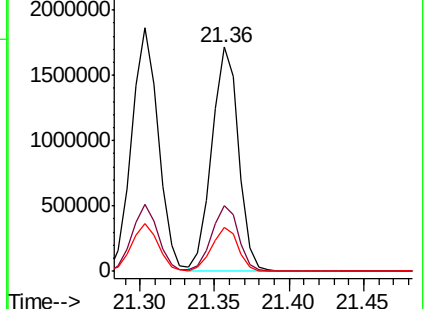
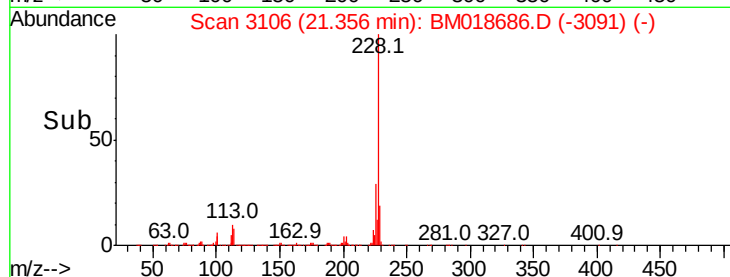
229 19.4 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.674 ng

RT: 21.23 min Scan# 3084

Delta R.T. -0.01 min

Lab File: BM018686.D

Acq: 29 Jan 2019 20:26

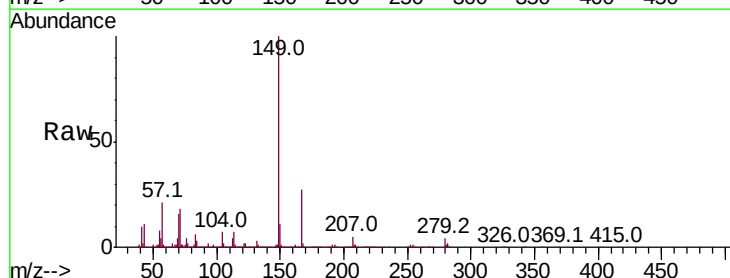
Tgt Ion:149 Resp: 1335103

Ion Ratio Lower Upper

149 100

167 27.1 21.6 32.4

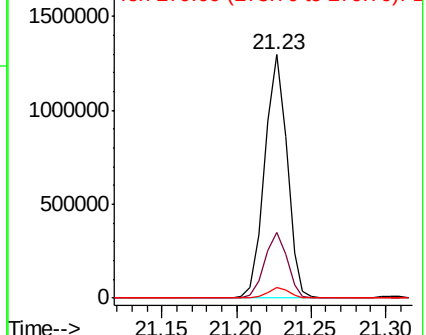
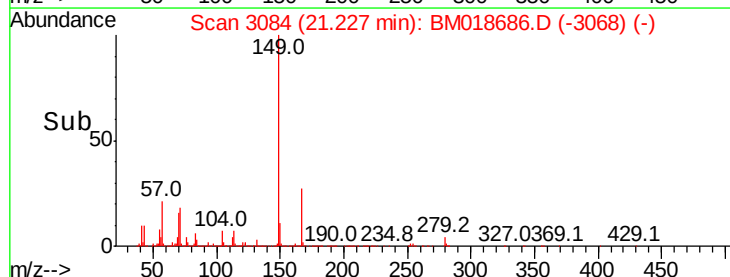
279 4.1 3.3 4.9

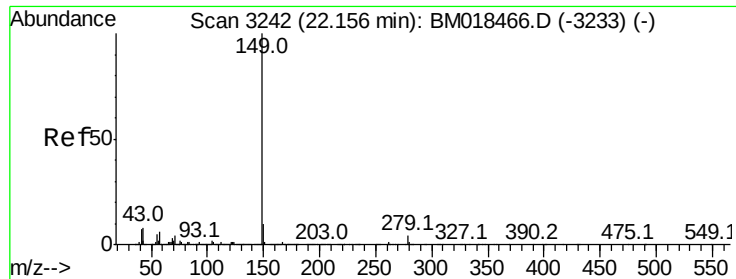


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.564 ng

RT: 22.12 min Scan# 3235

Delta R.T. -0.01 min

Lab File: BM018686.D

Acq: 29 Jan 2019 20:26

Instrument :

BNA_M

ClientSampled :

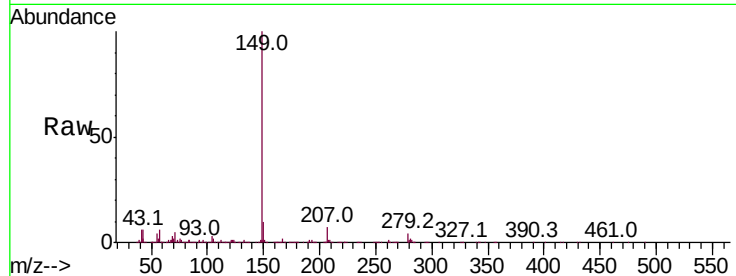
Tot Ion:149 Resp: 2290277

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

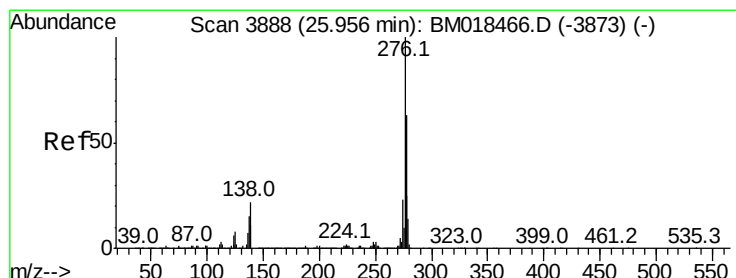
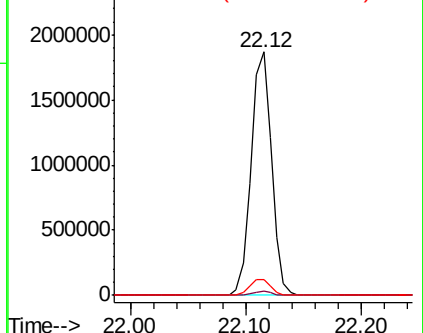
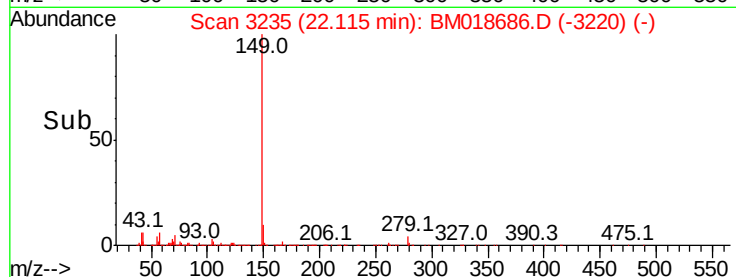
43 6.7 8.6 12.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 54.322 ng

RT: 25.89 min Scan# 3877

Delta R.T. -0.02 min

Lab File: BM018686.D

Acq: 29 Jan 2019 20:26

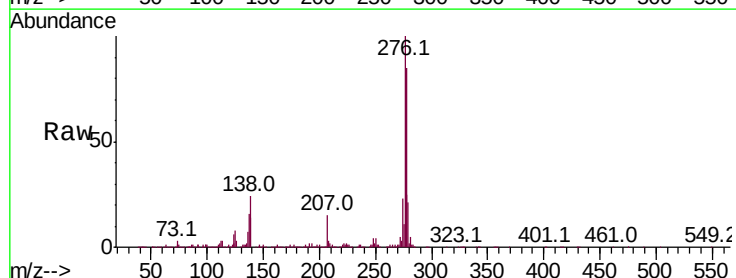
Tgt Ion:276 Resp: 2915805

Ion Ratio Lower Upper

276 100

138 24.0 21.5 32.3

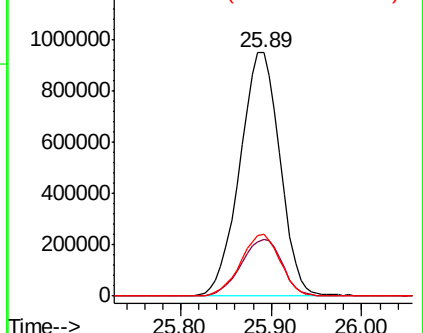
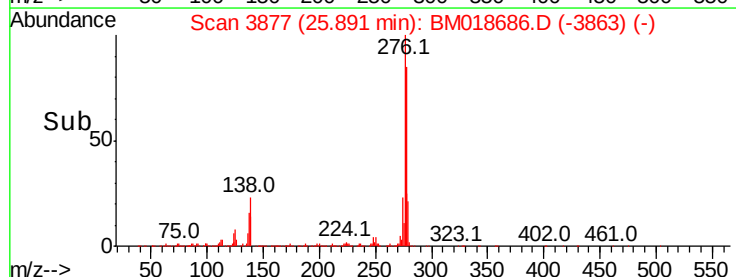
277 25.2 20.2 30.2

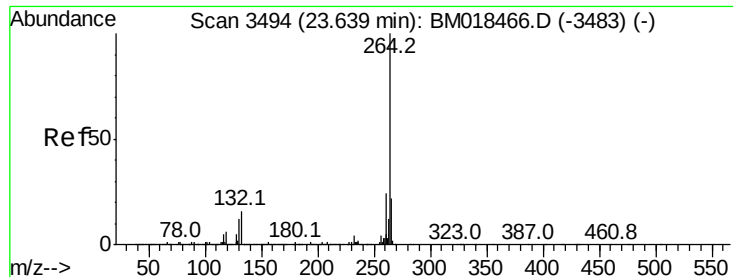


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

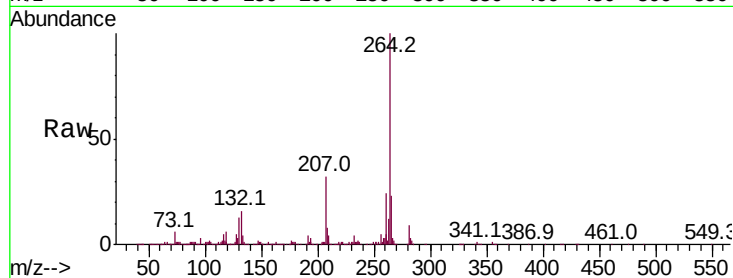




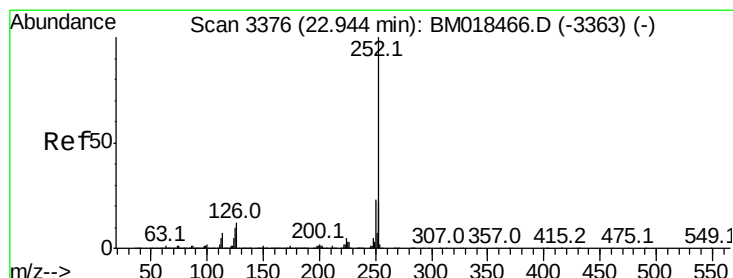
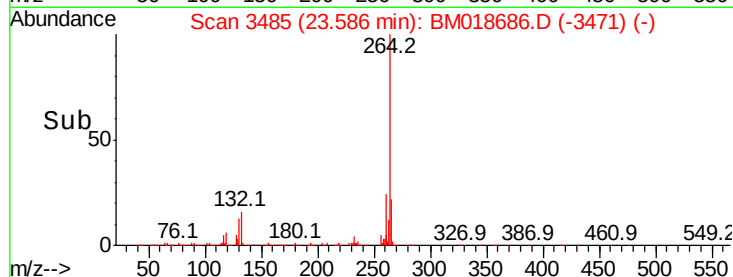
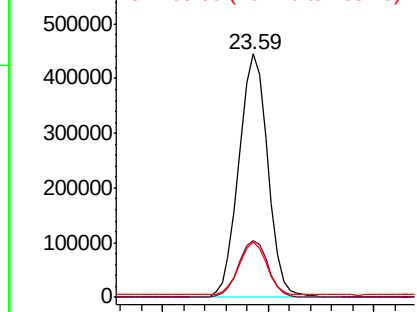
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.59 min Scan# 3485
Delta R.T. -0.02 min
Lab File: BM018686.D
Acq: 29 Jan 2019 20:26

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.9	28.3
265	22.9	16.8	25.2

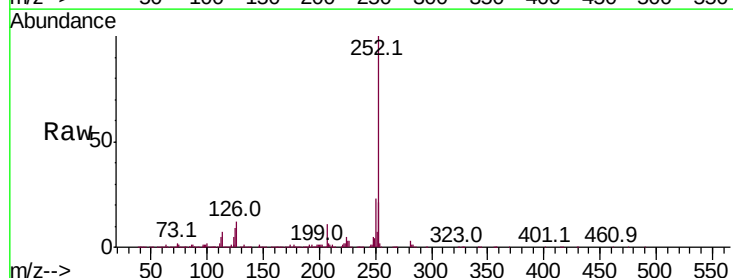


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

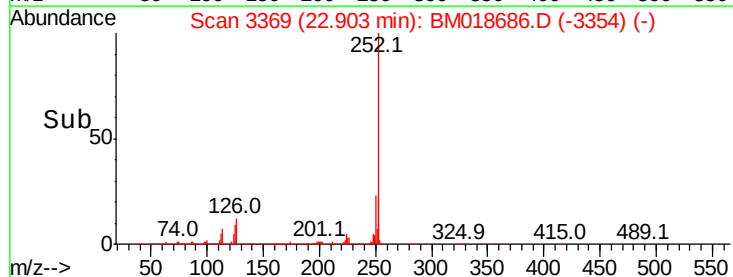
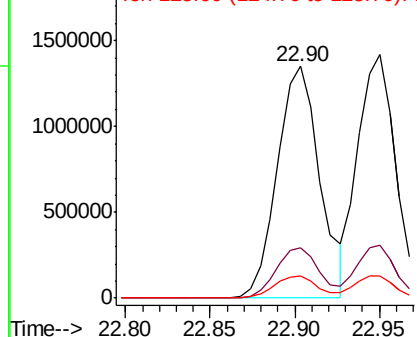


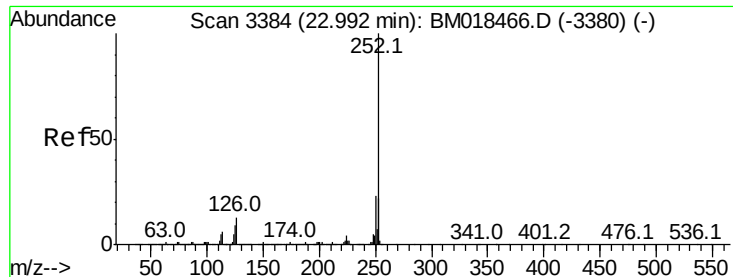
#88
Benzo(b)fluoranthene
Concen: 48.938 ng
RT: 22.90 min Scan# 3369
Delta R.T. -0.01 min
Lab File: BM018686.D
Acq: 29 Jan 2019 20:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.6	26.4
125	9.5	8.5	12.7



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(k)fluoranthene

Concen: 45.565 ng

RT: 22.95 min Scan# 3377

Delta R.T. -0.01 min

Lab File: BM018686.D

Acq: 29 Jan 2019 20:26

Instrument :

BNA_M

ClientSampleId :

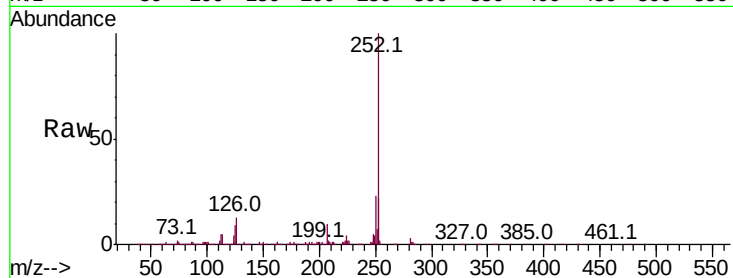
Tot Ion:252 Resp: 2206524

Ion Ratio Lower Upper

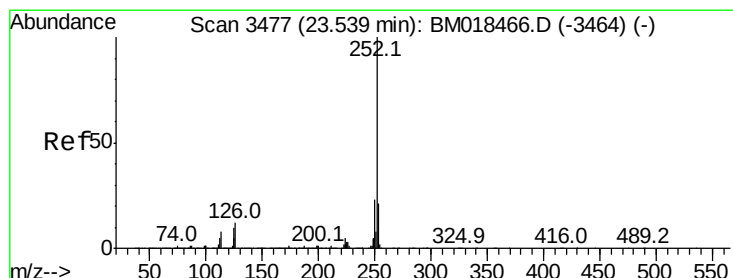
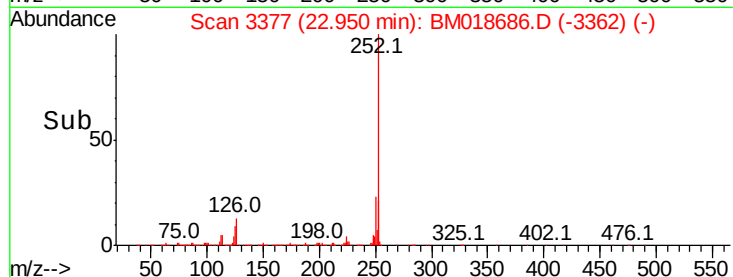
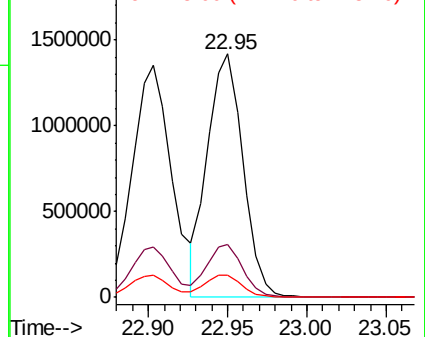
252 100

253 21.6 17.4 26.0

125 9.1 8.6 12.8



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

Benzo(a)pyrene

Concen: 49.311 ng

RT: 23.49 min Scan# 3469

Delta R.T. -0.01 min

Lab File: BM018686.D

Acq: 29 Jan 2019 20:26

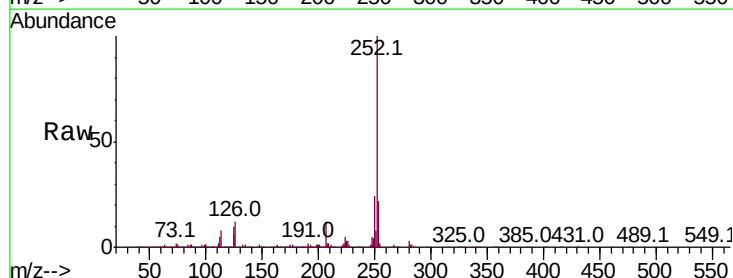
Tgt Ion:252 Resp: 2268410

Ion Ratio Lower Upper

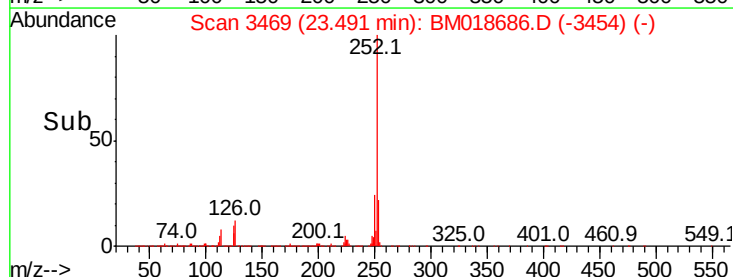
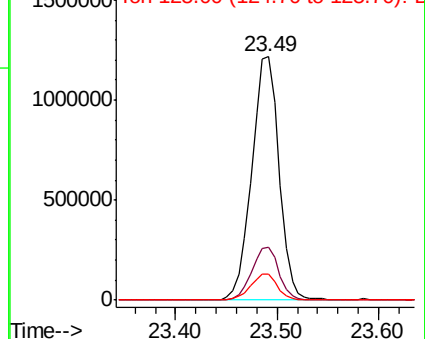
252 100

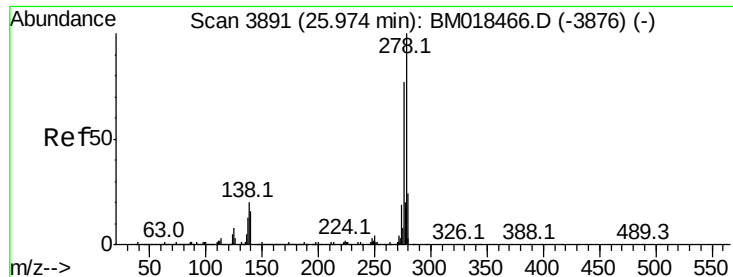
253 21.7 17.5 26.3

125 10.5 9.7 14.5



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





#91

Dibenzo(a,h)anthracene

Concen: 52.712 ng

RT: 25.90 min Scan# 3879

Delta R.T. -0.02 min

Lab File: BM018686.D

Acq: 29 Jan 2019 20:26

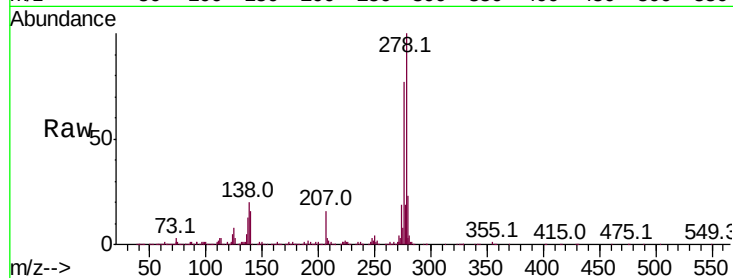
Instrument :

BNA_M

ClientSampleId :

Tot Ion:278 Resp: 2456986

Ion	Ratio	Lower	Upper
278	100		
139	15.5	13.2	19.8
279	23.5	19.0	28.4

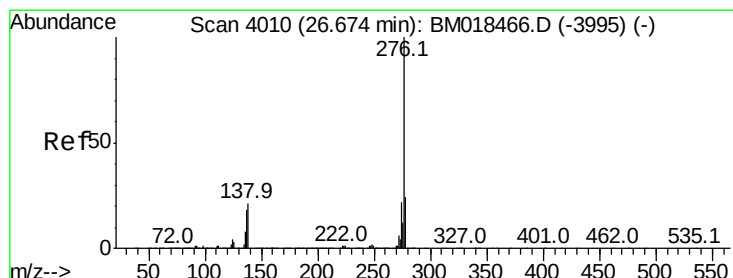
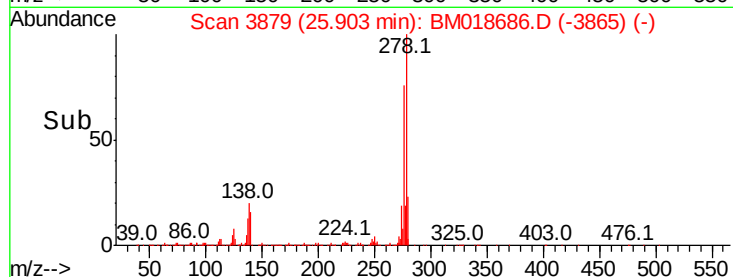
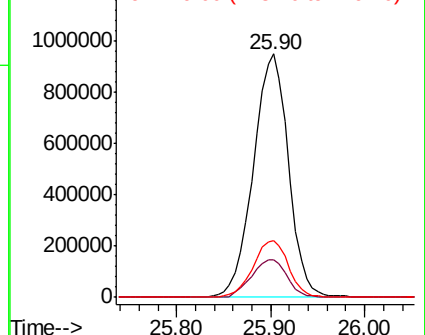


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 53.922 ng

RT: 26.60 min Scan# 3997

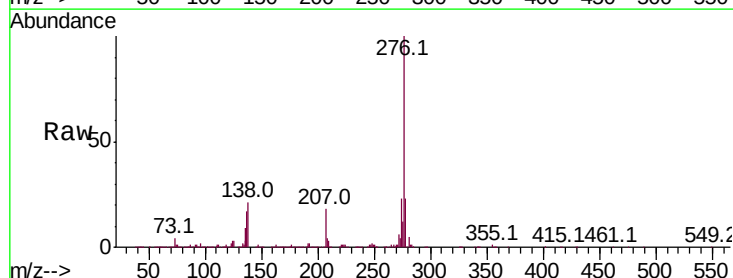
Delta R.T. -0.02 min

Lab File: BM018686.D

Acq: 29 Jan 2019 20:26

Tgt Ion:276 Resp: 2445876

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.0	28.4
138	21.3	18.1	27.1



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

