

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM120218\
 Data File : BM017853.D
 Acq On : 01 Dec 2018 12:55
 Operator : JU/SJ
 Sample : PB115195BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB115195BS

Quant Time: Dec 03 00:16:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 18:37:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	219871	20.00	ng	-0.03
21) Naphthalene-d8	10.36	136	944129	20.00	ng	-0.03
39) Acenaphthene-d10	14.23	164	515889	20.00	ng	-0.03
64) Phenanthrene-d10	16.99	188	1026952	20.00	ng	-0.03
76) Chrysene-d12	21.19	240	842660	20.00	ng	-0.02
87) Perylene-d12	23.37	264	699970	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.22	112	1997020	153.28	ng	-0.02
7) Phenol-d6	6.78	99	2621880	144.09	ng	-0.02
23) Nitrobenzene-d5	8.74	82	1220726	66.75	ng	-0.04
42) 2,4,6-Tribromophenol	15.74	330	960613	129.59	ng	-0.02
45) 2-Fluorobiphenyl	12.85	172	2752450	69.22	ng	-0.03
79) Terphenyl-d14	19.63	244	3012597	81.03	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.21	88	184523	34.007	ng	90
3) Pyridine	3.59	79	533017	33.489	ng	87
4) n-Nitrosodimethylamine	3.51	42	271629	38.743	ng	# 86
6) Aniline	6.93	93	812059	35.988	ng	99
8) 2-Chlorophenol	7.16	128	758317	48.635	ng	97
9) Benzaldehyde	6.75	77	194318	14.660	ng	98
10) Phenol	6.81	94	923251	48.341	ng	97
11) bis(2-Chloroethyl)ether	7.03	93	661761	43.892	ng	95
12) 1,3-Dichlorobenzene	7.47	146	722608	41.308	ng	97
13) 1,4-Dichlorobenzene	7.62	146	745243	41.563	ng	100
14) 1,2-Dichlorobenzene	7.93	146	730841	42.036	ng	100
15) Benzyl Alcohol	7.83	79	648549	44.756	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.12	45	760614	33.134	ng	91
17) 2-Methylphenol	8.03	107	611542	47.531	ng	97
18) Hexachloroethane	8.64	117	278347	44.046	ng	98
19) n-Nitroso-di-n-propylamine	8.40	70	551634	42.222	ng	92
20) 3+4-Methylphenols	8.36	107	821227	45.940	ng	98
22) Acetophenone	8.41	105	1067228	45.291	ng	95
24) Nitrobenzene	8.79	77	814455	43.894	ng	98
25) Isophorone	9.30	82	1423696	50.403	ng	100
26) 2-Nitrophenol	9.49	139	404724	47.354	ng	97
27) 2,4-Dimethylphenol	9.55	122	664397	53.939	ng	98
28) bis(2-Chloroethoxy)methane	9.79	93	913874	47.770	ng	97
29) 2,4-Dichlorophenol	10.01	162	690486	48.291	ng	98
30) 1,2,4-Trichlorobenzene	10.22	180	744622	44.775	ng	97
31) Naphthalene	10.40	128	2231654	48.075	ng	100
32) Benzoic acid	9.73	122	446351	40.003	ng	100
33) 4-Chloroaniline	10.53	127	565903	27.837	ng	98
34) Hexachlorobutadiene	10.68	225	452394	43.819	ng	100
35) Caprolactam	11.34	113	109866	20.865	ng	# 82
36) 4-Chloro-3-methylphenol	11.66	107	737017	44.645	ng	99
37) 2-Methylnaphthalene	12.02	142	1622334	49.449	ng	99
38) 1-Methylnaphthalene	12.25	142	1539395	47.854	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.40	216	831355	45.700	ng	98

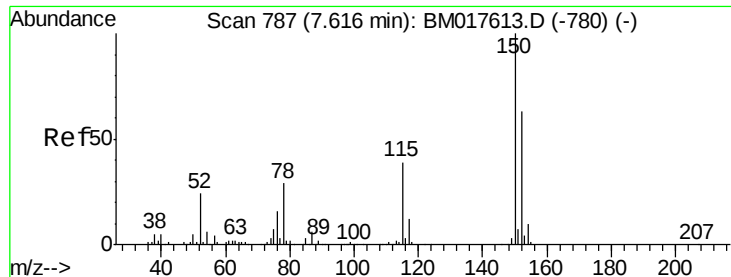
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM120218\
 Data File : BM017853.D
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 QLast Update : Mon Nov 12 18:37:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.37	237	964680	102.623	ng	98
43) 2,4,6-Trichlorophenol	12.65	196	541614	47.532	ng	99
44) 2,4,5-Trichlorophenol	12.72	196	579223	48.143	ng	96
46) 1,1'-Biphenyl	13.06	154	2019073	43.602	ng	100
47) 2-Chloronaphthalene	13.10	162	1566122	45.565	ng	99
48) 2-Nitroaniline	13.32	65	470560	44.269	ng	99
49) Acenaphthylene	13.95	152	2489192	48.202	ng	99
50) Dimethylphthalate	13.71	163	1903392	45.380	ng	99
51) 2,6-Dinitrotoluene	13.83	165	423355	45.328	ng	97
52) Acenaphthene	14.30	154	1434309	45.258	ng	99
53) 3-Nitroaniline	14.16	138	329074	32.362	ng	100
54) 2,4-Dinitrophenol	14.37	184	529220	91.670	ng	98
55) Dibenzofuran	14.63	168	2287591	44.169	ng	99
56) 4-Nitrophenol	14.48	139	685439	80.181	ng	98
57) 2,4-Dinitrotoluene	14.63	165	572980	45.511	ng	96
58) Fluorene	15.29	166	1843301	46.490	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.87	232	508968	45.994	ng	99
60) Diethylphthalate	15.08	149	1905738	42.051	ng	100
61) 4-Chlorophenyl-phenylether	15.29	204	943808	41.897	ng	96
62) 4-Nitroaniline	15.33	138	377187	39.358	ng	99
63) Azobenzene	15.58	77	1826302	43.593	ng	97
65) 4,6-Dinitro-2-methylphenol	15.39	198	330533	46.461	ng	98
66) n-Nitrosodiphenylamine	15.51	169	1595013	48.308	ng	100
67) 4-Bromophenyl-phenylether	16.19	248	565204	46.535	ng	99
68) Hexachlorobenzene	16.29	284	605413	44.216	ng	97
69) Atrazine	16.47	200	530943	43.721	ng	97
70) Pentachlorophenol	16.64	266	754621	78.658	ng	99
71) Phenanthrene	17.03	178	2638014	47.340	ng	99
72) Anthracene	17.12	178	2651537	48.899	ng	99
73) Carbazole	17.40	167	2345414	42.804	ng	99
74) Di-n-butylphthalate	17.97	149	2945591	48.291	ng	99
75) Fluoranthene	19.06	202	2656211	42.128	ng	99
77) Benzidine	19.26	184	1007883	36.730	ng	100
78) Pyrene	19.42	202	2672378	51.399	ng	100
80) Butylbenzylphthalate	20.34	149	1113631	52.735	ng	98
81) Benzo(a)anthracene	21.18	228	2308510	47.552	ng	99
82) 3,3'-Dichlorobenzidine	21.12	252	768986	41.042	ng	98
83) Chrysene	21.23	228	2197187	46.598	ng	99
84) Bis(2-ethylhexyl)phthalate	21.12	149	1539242	49.305	ng	99
85) Di-n-octyl phthalate	21.99	149	2442481	48.860	ng	96
86) Indeno(1,2,3-cd)pyrene	25.55	276	2625063	69.668	ng	100
88) Benzo(b)fluoranthene	22.73	252	2223313	54.237	ng	100
89) Benzo(k)fluoranthene	22.77	252	2217748	53.527	ng	99
90) Benzo(a)pyrene	23.28	252	2171213	58.090	ng	99
91) Dibenzo(a,h)anthracene	25.56	278	2239917	71.283	ng	98
92) Benzo(g,h,i)perylene	26.21	276	2229076	75.436	ng	99

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

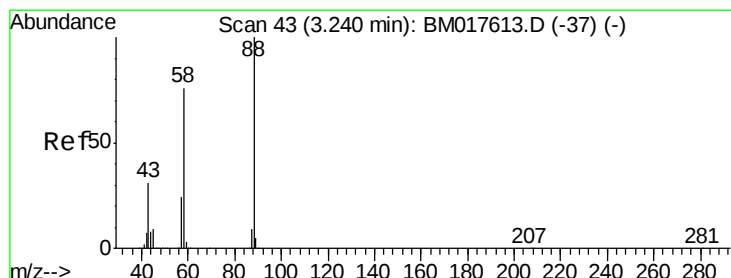
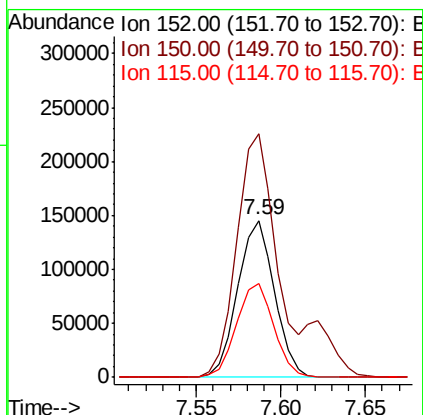
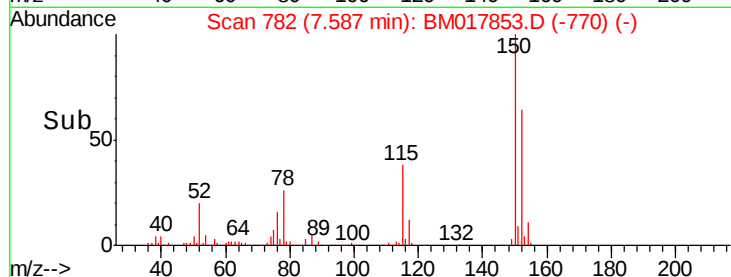
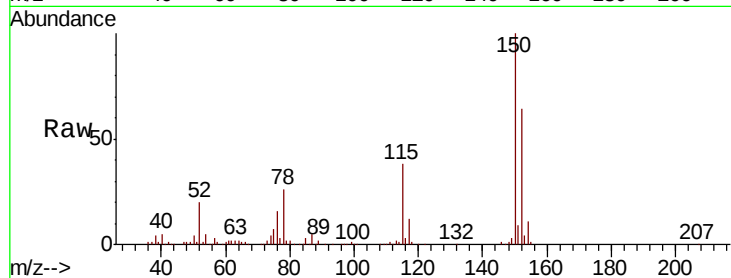


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.59 min Scan# 782
Delta R.T. -0.03 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

Instrument :
BNA_M
ClientSampleId :
PB115195BS

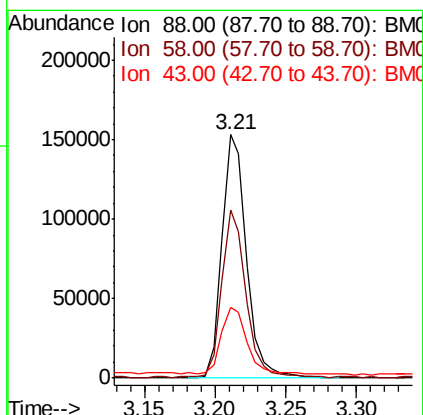
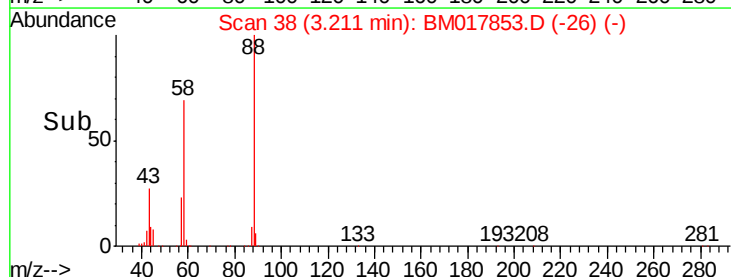
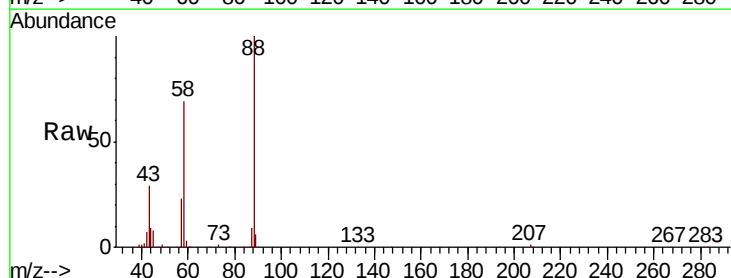
Tgt Ion:152 Resp: 219871
Ion Ratio Lower Upper
152 100
150 155.1 126.4 189.6
115 59.7 49.4 74.0

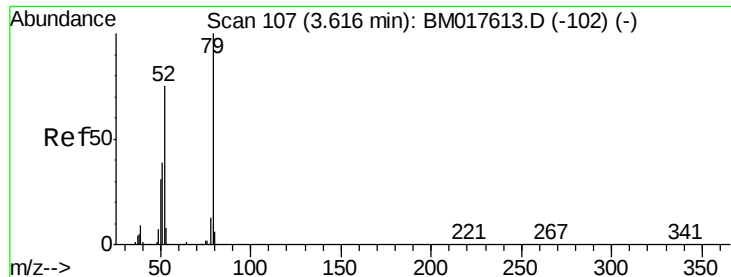


#2

1,4-Dioxane
Concen: 34.007 ng
RT: 3.21 min Scan# 38
Delta R.T. -0.03 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

Tgt Ion: 88 Resp: 184523
Ion Ratio Lower Upper
88 100
58 67.3 62.0 93.0
43 29.5 26.8 40.2





#3

Pyridine

Concen: 33.489 ng

RT: 3.59 min Scan# 102

Delta R.T. -0.03 min

Lab File: BM017853.D

Acq: 01 Dec 2018 12:55

Instrument :

BNA_M

ClientSampleId :

PB115195BS

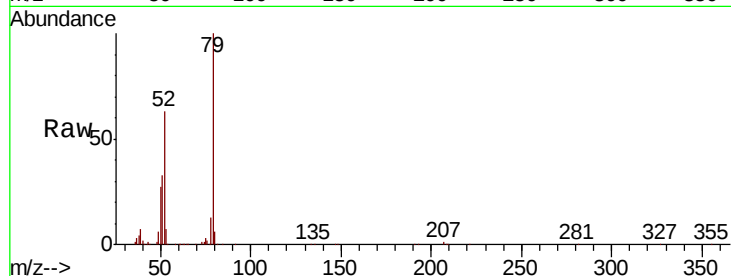
Tgt Ion: 79 Resp: 533017

Ion Ratio Lower Upper

79 100

52 62.8 60.1 90.1

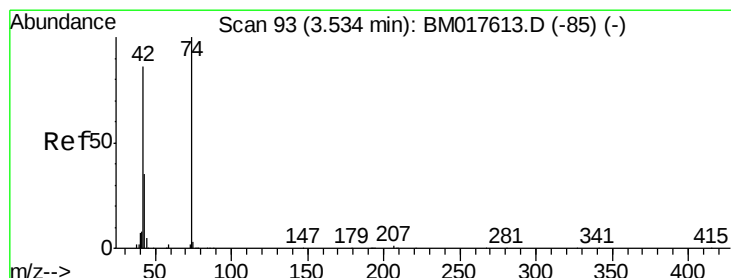
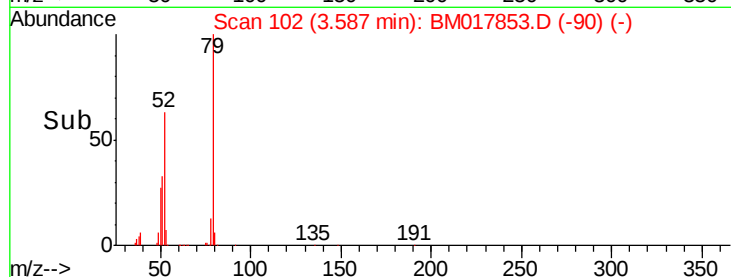
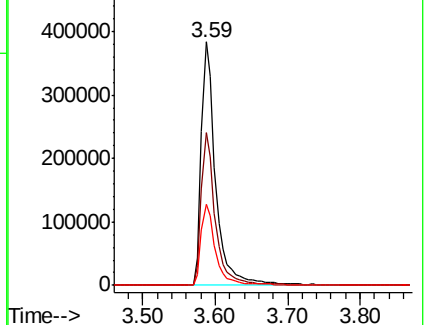
51 33.3 31.1 46.7



Abundance Ion 79.00 (78.70 to 79.70): BM017613.D (-102) (-)

Ion 52.00 (51.70 to 52.70): BM017613.D (-102) (-)

Ion 51.00 (50.70 to 51.70): BM017613.D (-102) (-)



#4

n-Nitrosodimethylamine

Concen: 38.743 ng

RT: 3.51 min Scan# 89

Delta R.T. -0.02 min

Lab File: BM017853.D

Acq: 01 Dec 2018 12:55

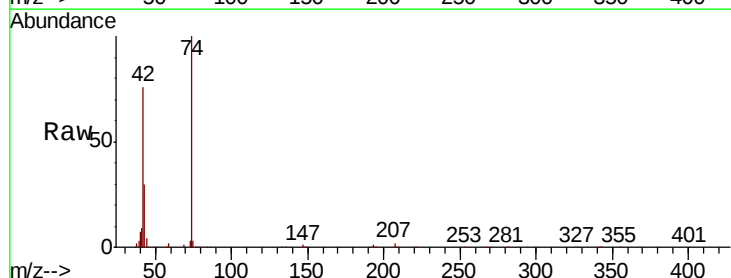
Tgt Ion: 42 Resp: 271629

Ion Ratio Lower Upper

42 100

74 132.3 93.1 139.7

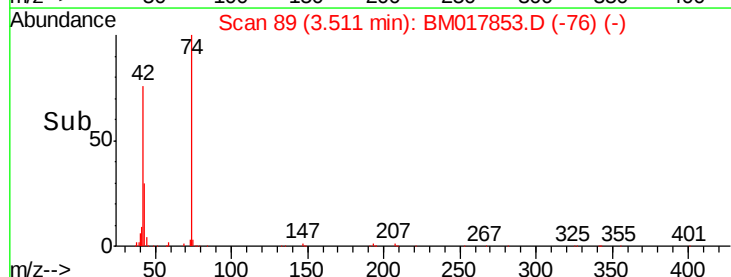
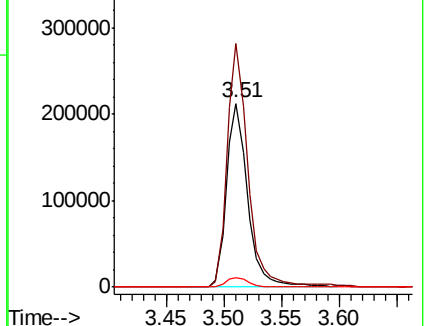
44 5.0 5.0 7.6#

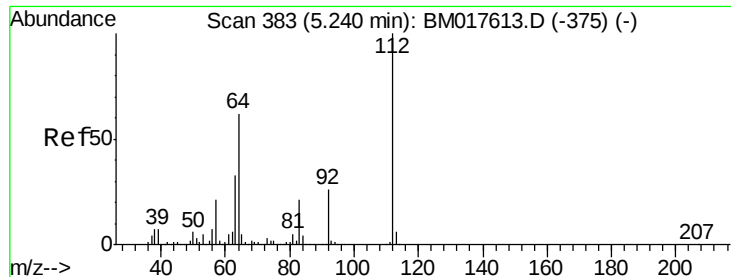


Abundance Ion 42.00 (41.70 to 42.70): BM017613.D (-85) (-)

Ion 74.00 (73.70 to 74.70): BM017613.D (-85) (-)

Ion 44.00 (43.70 to 44.70): BM017613.D (-85) (-)





#5

2-Fluorophenol

Concen: 153.284 ng

RT: 5.22 min Scan# 379

Delta R.T. -0.02 min

Lab File: BM017853.D

Acq: 01 Dec 2018 12:55

Instrument :

BNA_M

ClientSampleId :

PB115195BS

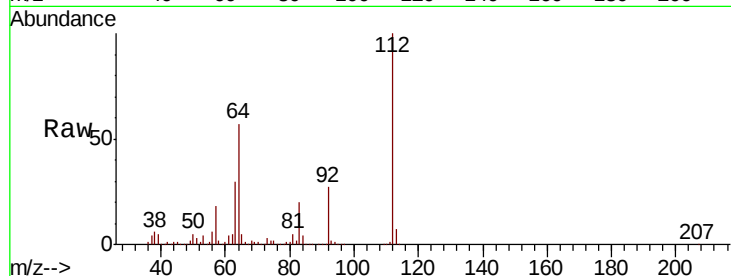
Tgt Ion:112 Resp: 1997020

Ion Ratio Lower Upper

112 100

64 56.8 49.3 73.9

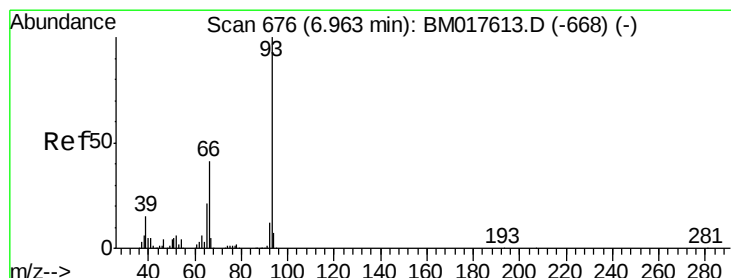
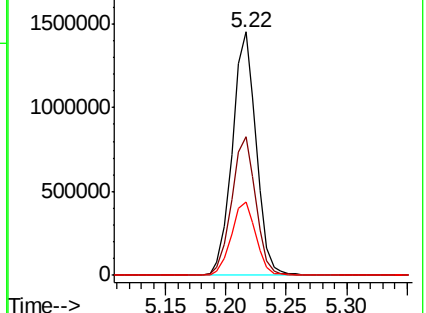
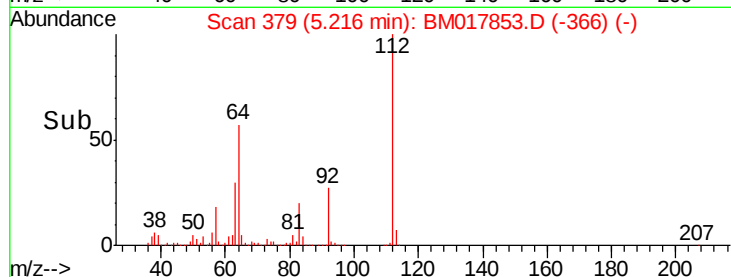
63 30.3 26.2 39.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 35.988 ng

RT: 6.93 min Scan# 671

Delta R.T. -0.03 min

Lab File: BM017853.D

Acq: 01 Dec 2018 12:55

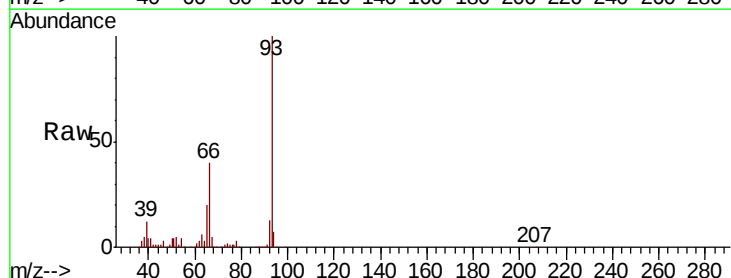
Tgt Ion: 93 Resp: 812059

Ion Ratio Lower Upper

93 100

66 40.2 32.8 49.2

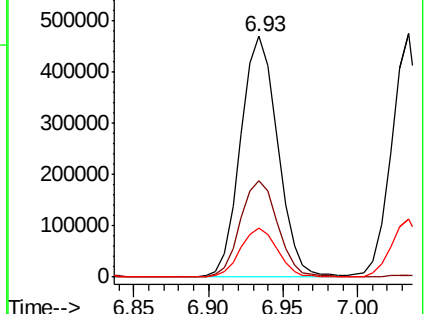
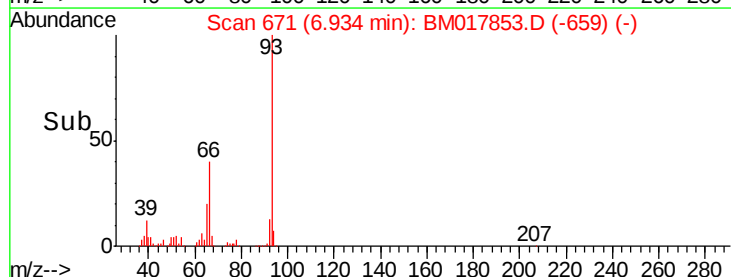
65 20.2 16.6 25.0

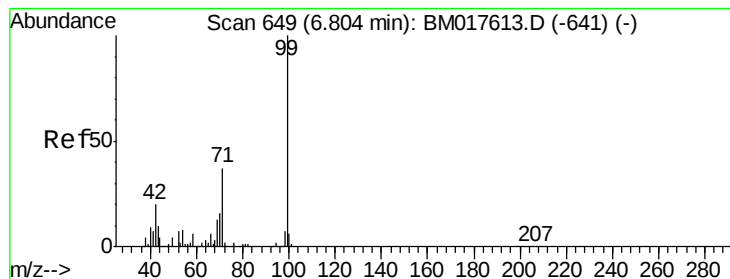


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 144.092 ng

RT: 6.78 min Scan# 645

Delta R.T. -0.02 min

Lab File: BM017853.D

Acq: 01 Dec 2018 12:55

Instrument :

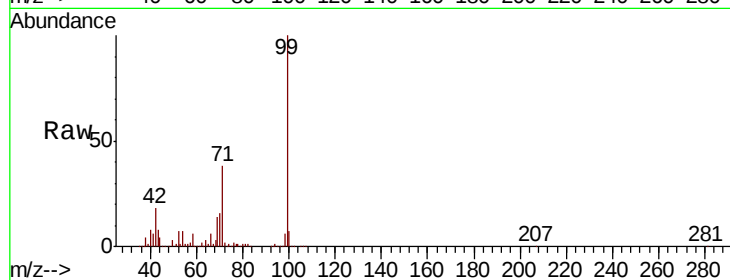
BNA_M

ClientSampleId :

PB115195BS

Tgt Ion: 99 Resp: 2621880

Ion	Ratio	Lower	Upper
99	100		
42	18.0	16.3	24.5
71	37.8	29.8	44.8

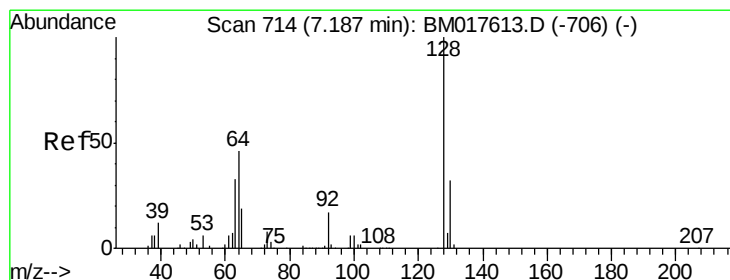
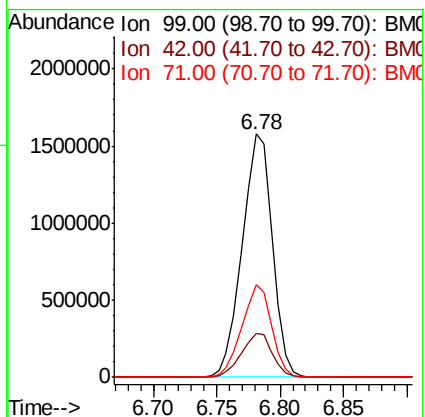
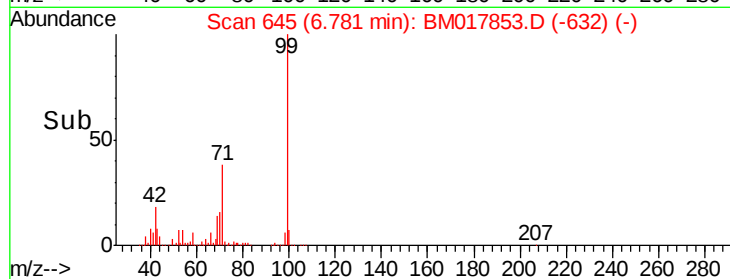


Abundance

Ion 99.00 (98.70 to 99.70): BM017853.D (-632) (-)

Ion 42.00 (41.70 to 42.70): BM017853.D (-632) (-)

Ion 71.00 (70.70 to 71.70): BM017853.D (-632) (-)



#8

2-Chlorophenol

Concen: 48.635 ng

RT: 7.16 min Scan# 709

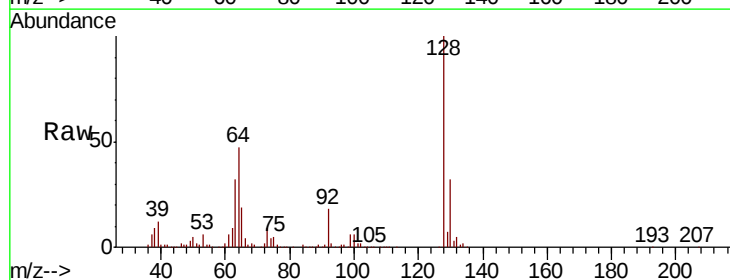
Delta R.T. -0.03 min

Lab File: BM017853.D

Acq: 01 Dec 2018 12:55

Tgt Ion: 128 Resp: 758317

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.4	52.4
64	46.6	30.0	70.0

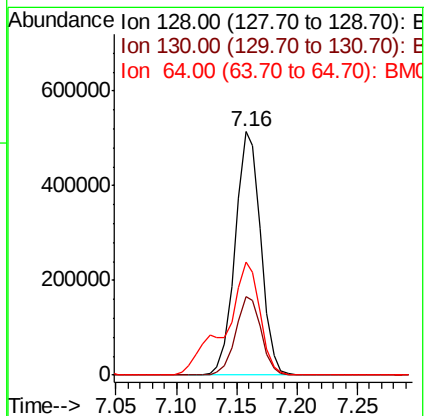
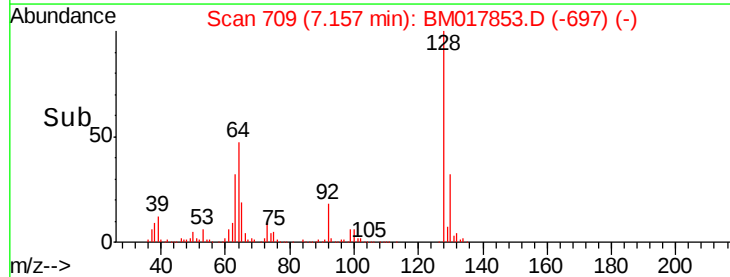


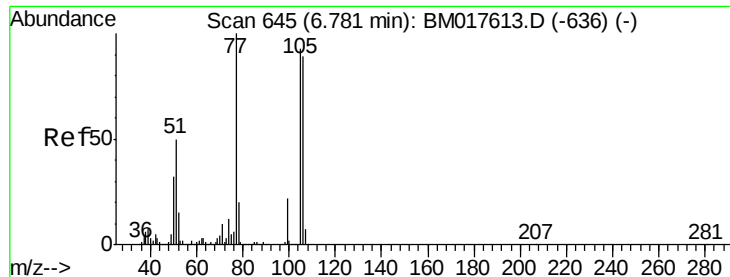
Abundance

Ion 128.00 (127.70 to 128.70): BM017853.D (-697) (-)

Ion 130.00 (129.70 to 130.70): BM017853.D (-697) (-)

Ion 64.00 (63.70 to 64.70): BM017853.D (-697) (-)





#9

Benzaldehyde

Concen: 14.660 ng

RT: 6.75 min Scan# 639

Delta R.T. -0.04 min

Lab File: BM017853.D

Acq: 01 Dec 2018 12:55

Instrument :

BNA_M

ClientSampleId :

PB115195BS

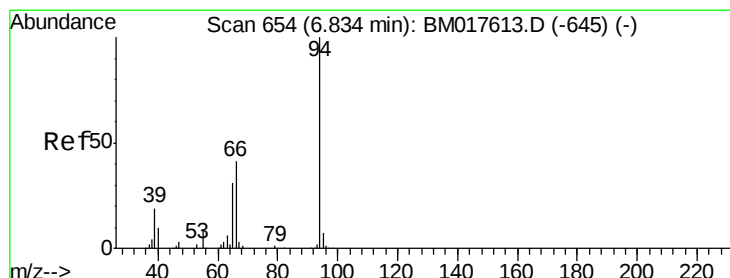
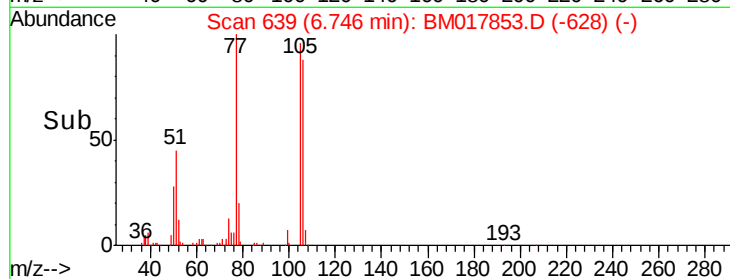
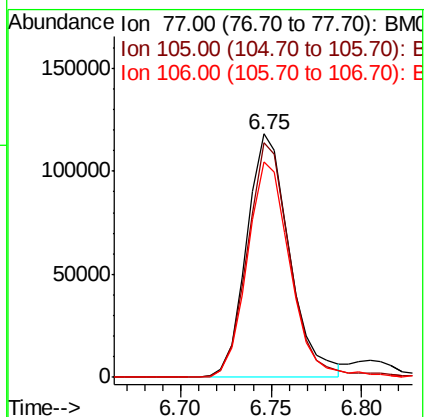
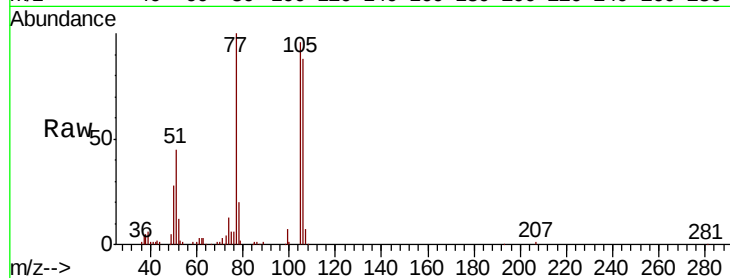
Tgt Ion: 77 Resp: 194318

Ion Ratio Lower Upper

77 100

105 96.2 72.7 112.7

106 88.2 68.9 108.9



#10

Phenol

Concen: 48.341 ng

RT: 6.81 min Scan# 650

Delta R.T. -0.02 min

Lab File: BM017853.D

Acq: 01 Dec 2018 12:55

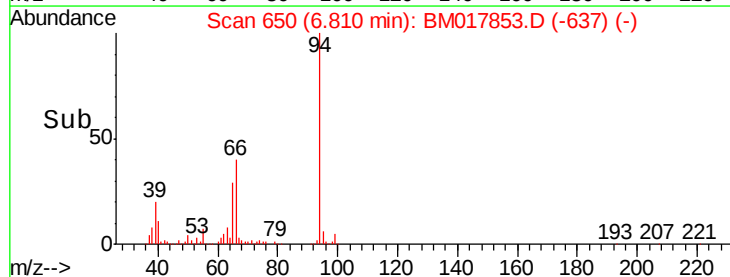
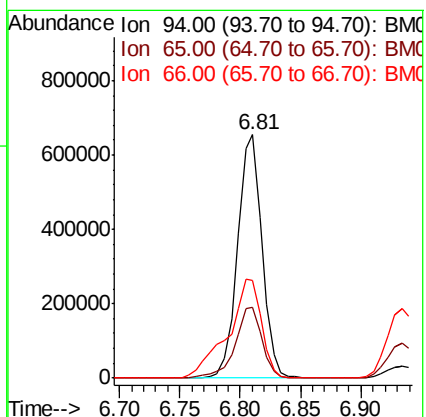
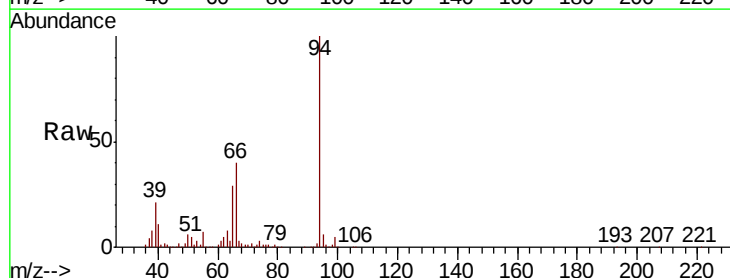
Tgt Ion: 94 Resp: 923251

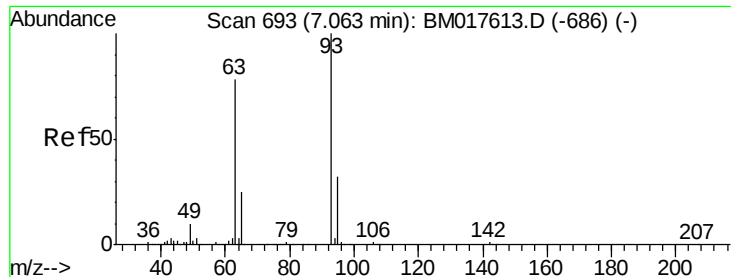
Ion Ratio Lower Upper

94 100

65 29.3 11.4 51.4

66 40.1 21.4 61.4

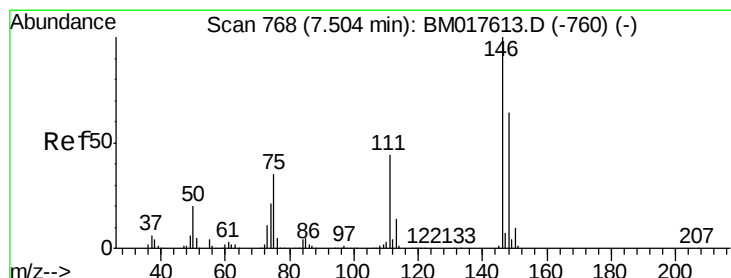
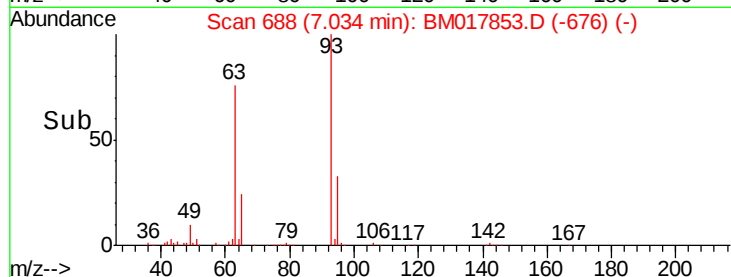
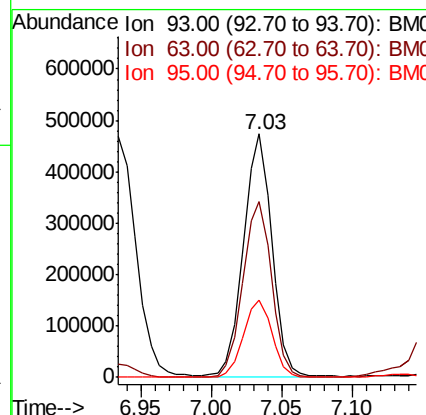
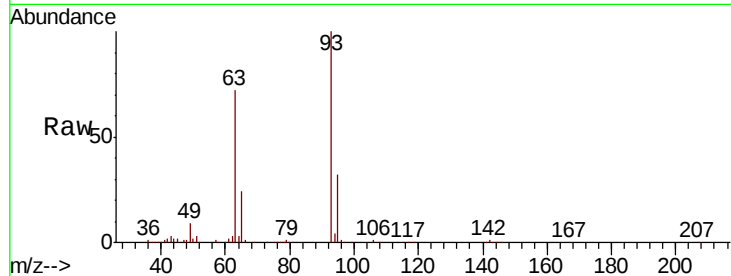




#11
bis(2-Chloroethyl)ether
Concen: 43.892 ng
RT: 7.03 min Scan# 688
Delta R.T. -0.03 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

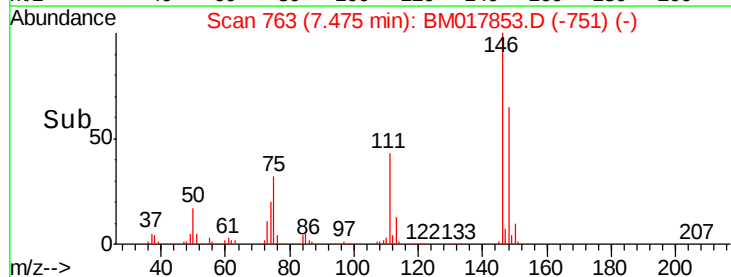
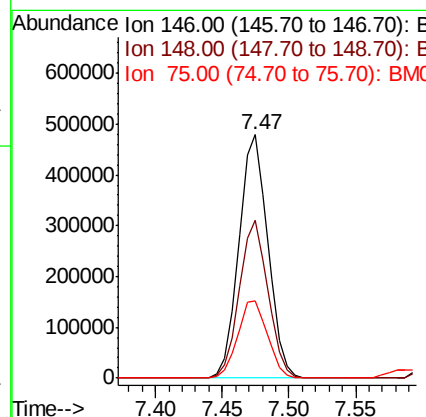
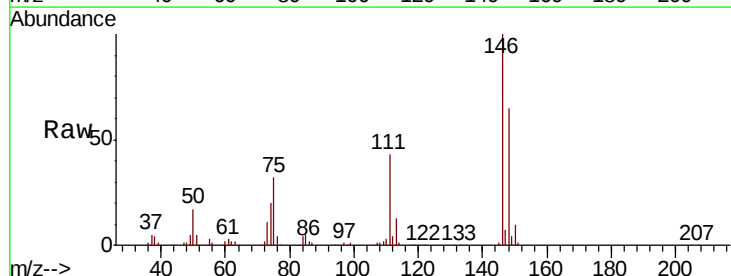
Instrument :
BNA_M
ClientSampleId :
PB115195BS

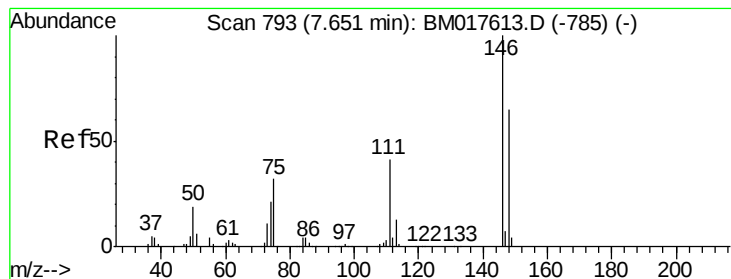
Tgt Ion: 93 Resp: 661761
Ion Ratio Lower Upper
93 100
63 72.2 57.9 97.9
95 31.8 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 41.308 ng
RT: 7.47 min Scan# 763
Delta R.T. -0.03 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

Tgt Ion: 146 Resp: 722608
Ion Ratio Lower Upper
146 100
148 64.6 51.2 76.8
75 31.9 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 41.563 ng

RT: 7.62 min Scan# 788

Delta R.T. -0.03 min

Lab File: BM017853.D

Acq: 01 Dec 2018 12:55

Instrument :

BNA_M

ClientSampleId :

PB115195BS

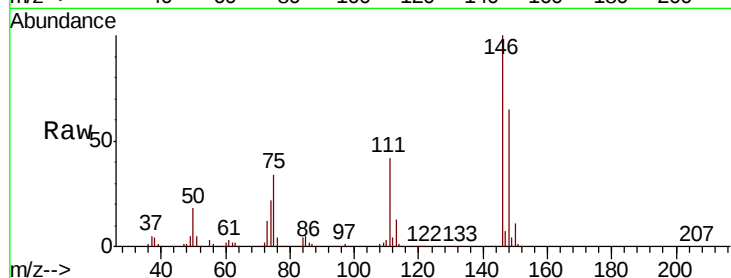
Tgt Ion:146 Resp: 745243

Ion Ratio Lower Upper

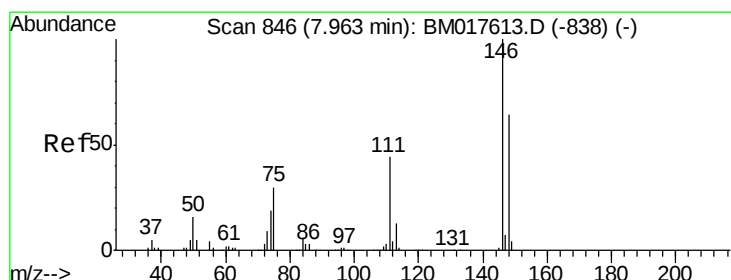
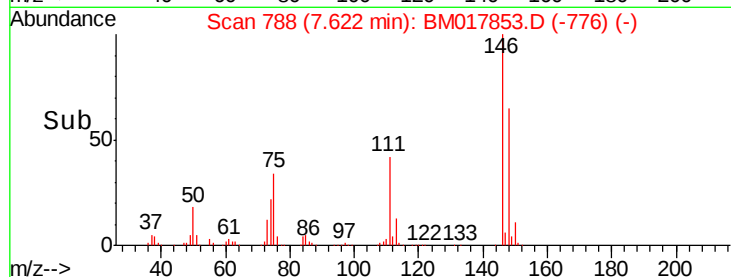
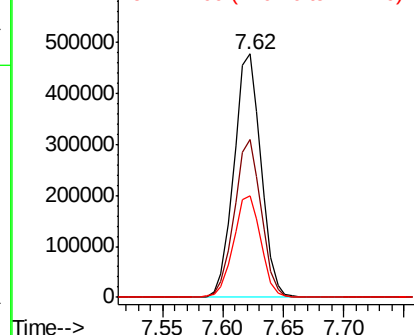
146 100

148 65.1 52.0 78.0

111 41.8 33.2 49.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.036 ng

RT: 7.93 min Scan# 840

Delta R.T. -0.04 min

Lab File: BM017853.D

Acq: 01 Dec 2018 12:55

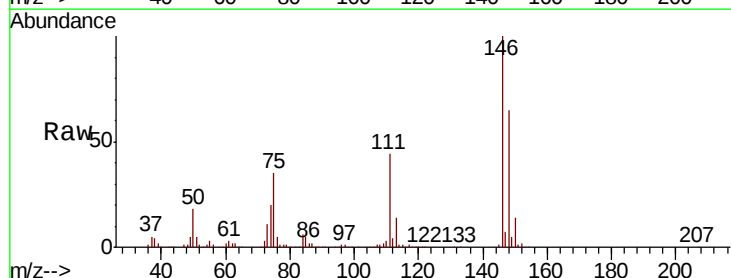
Tgt Ion:146 Resp: 730841

Ion Ratio Lower Upper

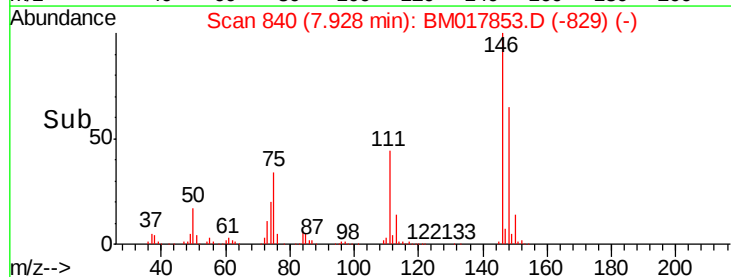
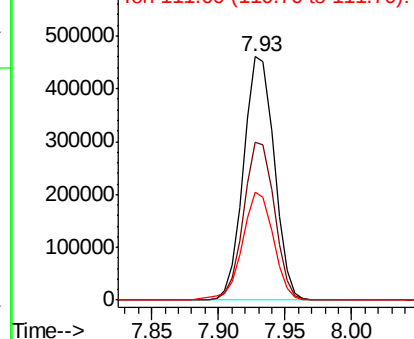
146 100

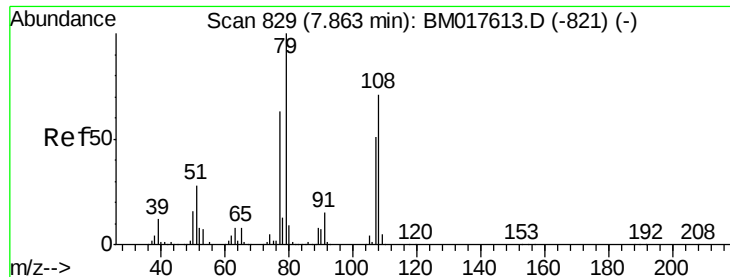
148 64.6 51.6 77.4

111 44.3 35.8 53.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.756 ng

RT: 7.83 min Scan# 824

Delta R.T. -0.03 min

Lab File: BM017853.D

Acq: 01 Dec 2018 12:55

Instrument :

BNA_M

ClientSampleId :

PB115195BS

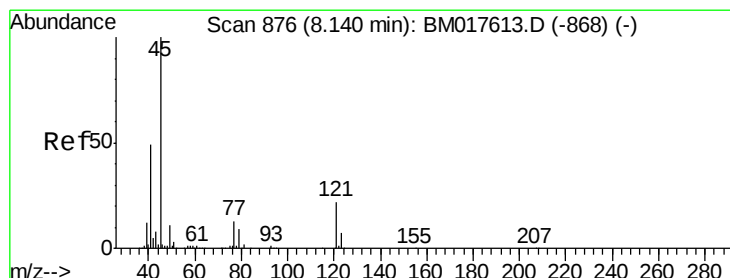
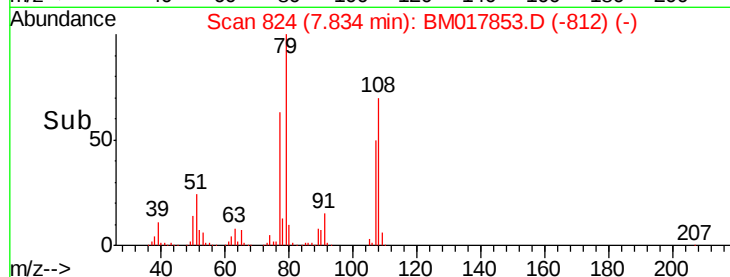
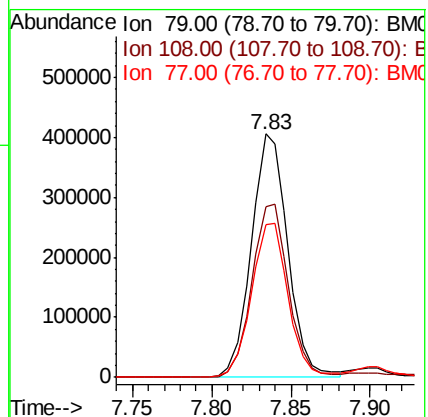
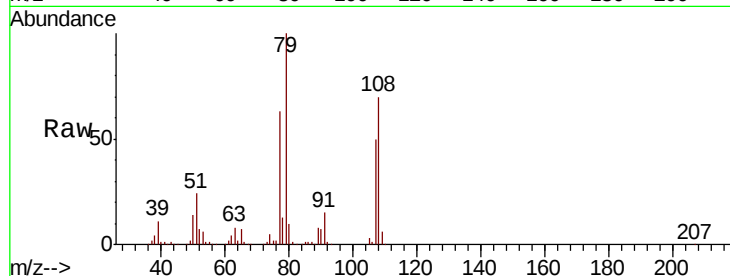
Tgt Ion: 79 Resp: 648549

Ion Ratio Lower Upper

79 100

108 70.0 57.1 85.7

77 63.0 50.4 75.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.134 ng

RT: 8.12 min Scan# 872

Delta R.T. -0.02 min

Lab File: BM017853.D

Acq: 01 Dec 2018 12:55

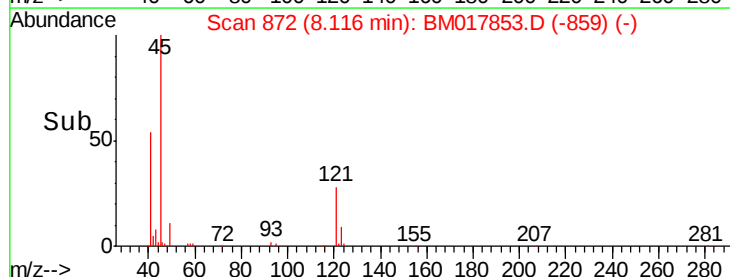
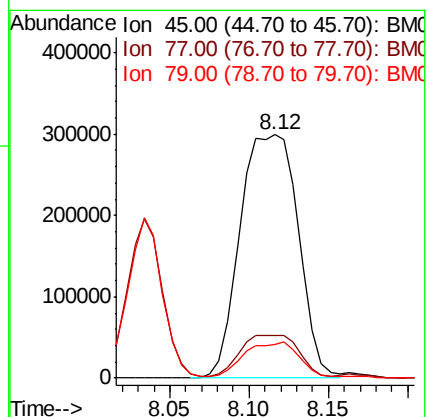
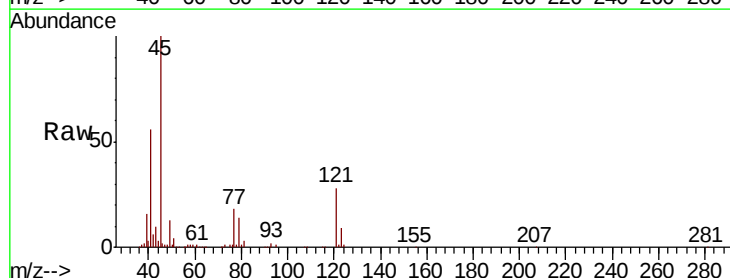
Tgt Ion: 45 Resp: 760614

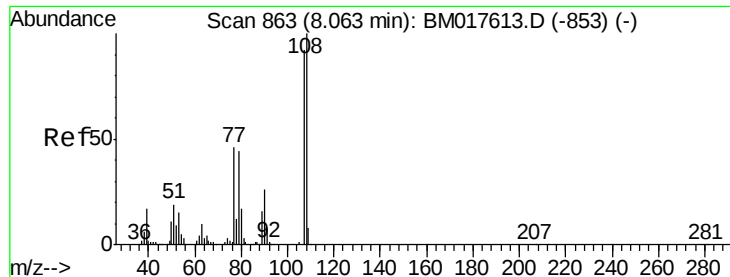
Ion Ratio Lower Upper

45 100

77 17.5 0.0 34.2

79 14.1 0.0 30.5

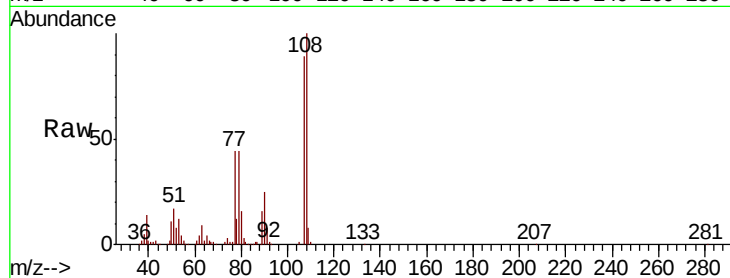




#17
2-Methylphenol
Concen: 47.531 ng
RT: 8.03 min Scan# 858
Delta R.T. -0.03 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

Instrument :
BNA_M
ClientSampleId :
PB115195BS

Tgt Ion	Ratio	Lower	Upper
107	100		
108	112.8	86.7	130.1
77	49.5	39.8	59.6
79	50.0	38.4	57.6



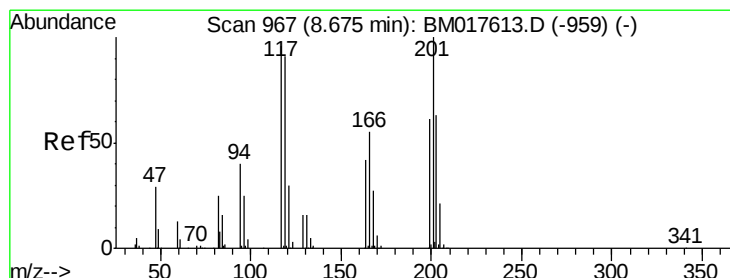
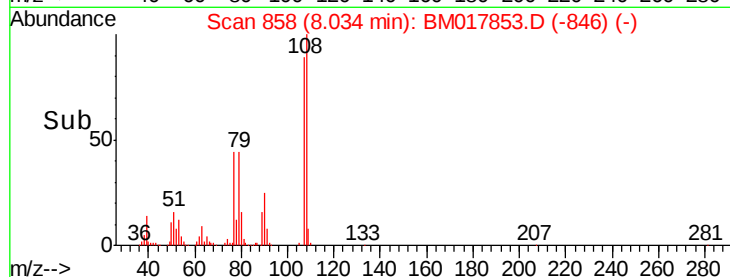
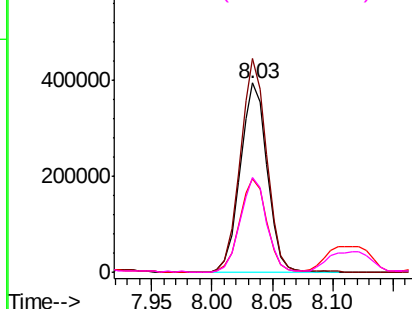
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

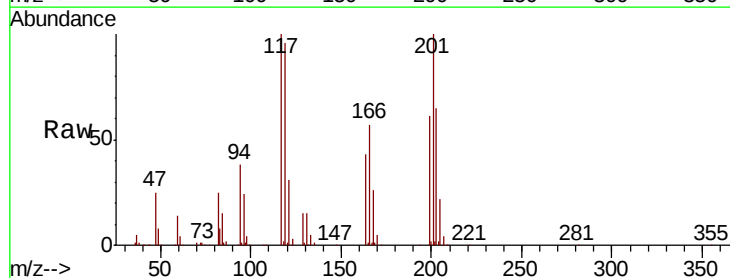
Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18
Hexachloroethane
Concen: 44.046 ng
RT: 8.64 min Scan# 961
Delta R.T. -0.04 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	75.8	113.8
201	100.2	83.0	124.4

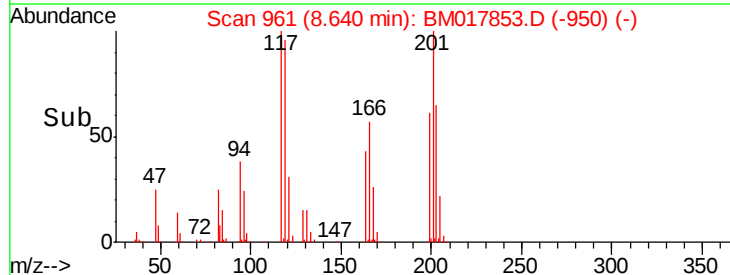
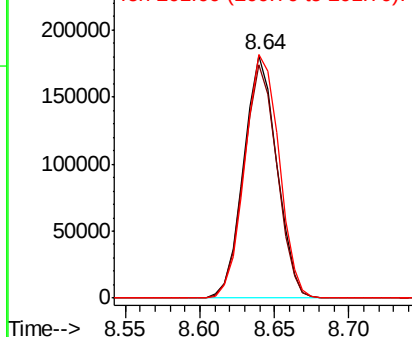


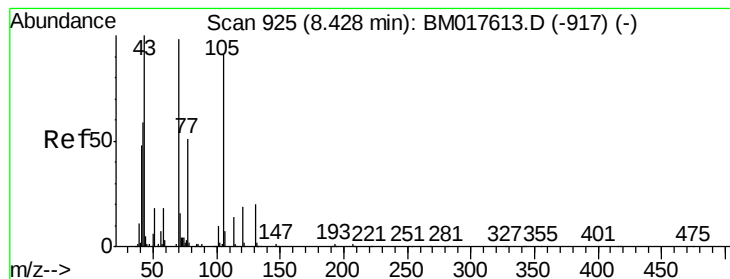
Abundance

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: 42.222 ng

RT: 8.40 min Scan# 920

Delta R.T. -0.03 min

Lab File: BM017853.D

Acq: 01 Dec 2018 12:55

Instrument :

BNA_M

ClientSampleId :

PB115195BS

Tgt Ion: 70 Resp: 551634

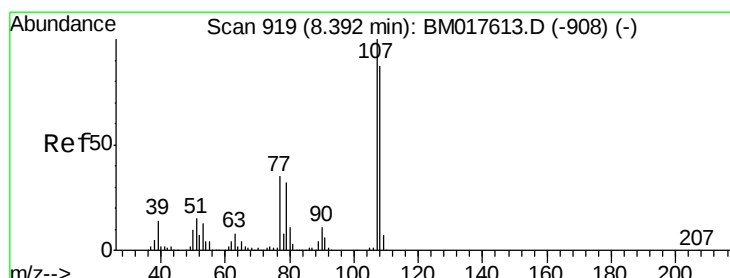
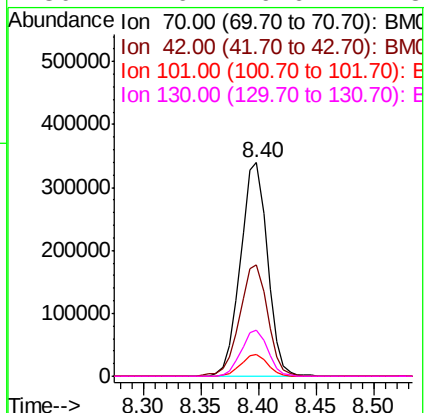
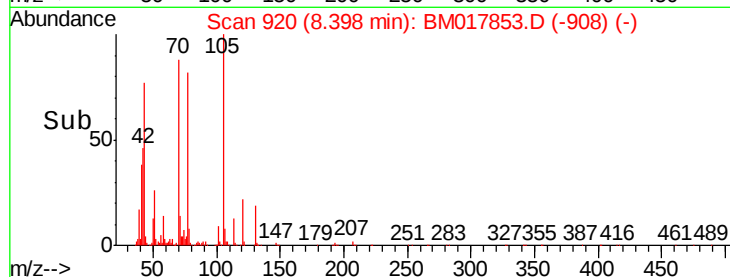
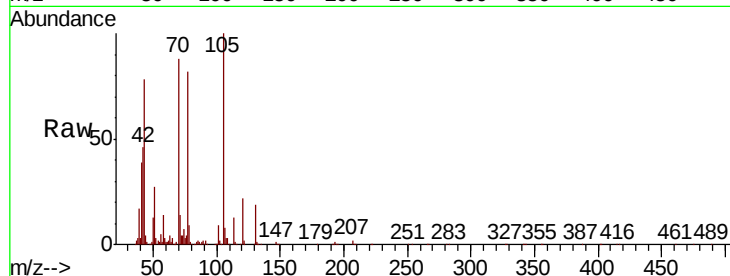
Ion Ratio Lower Upper

70 100

42 52.3 48.6 73.0

101 10.0 7.9 11.9

130 21.6 16.6 24.8



#20

3+4-Methylphenols

Concen: 45.940 ng

RT: 8.36 min Scan# 914

Delta R.T. -0.03 min

Lab File: BM017853.D

Acq: 01 Dec 2018 12:55

Tgt Ion: 107 Resp: 821227

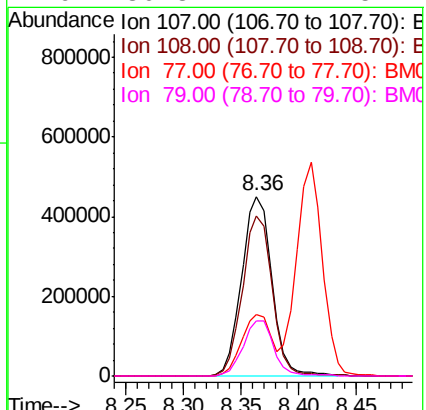
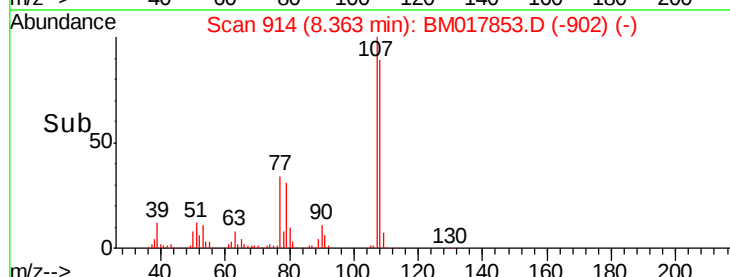
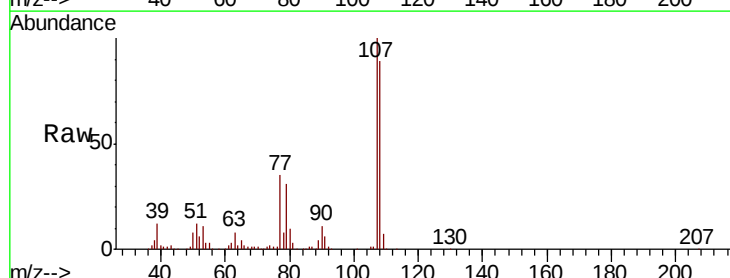
Ion Ratio Lower Upper

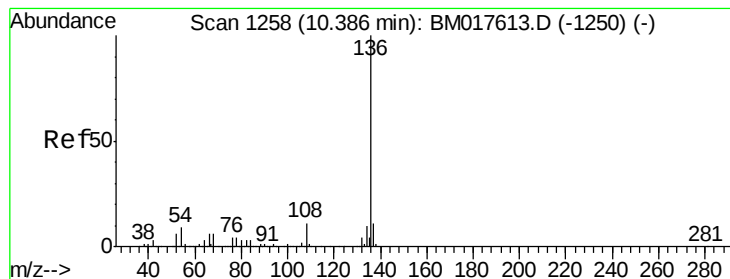
107 100

108 88.8 67.0 107.0

77 34.5 15.6 55.6

79 30.8 11.7 51.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.36 min Scan# 1253

Delta R.T. -0.03 min

Lab File: BM017853.D

Acq: 01 Dec 2018 12:55

Instrument :

BNA_M

ClientSampleId :

PB115195BS

Tgt Ion:136 Resp: 944129

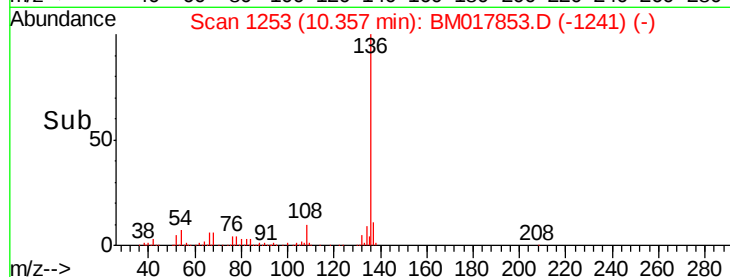
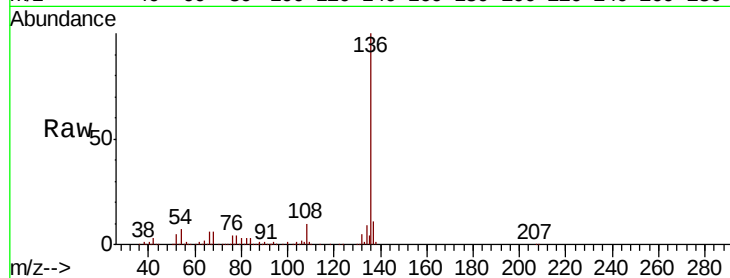
Ion Ratio Lower Upper

136 100

137 10.8 8.6 12.8

54 7.2 7.0 10.6

68 5.6 4.9 7.3



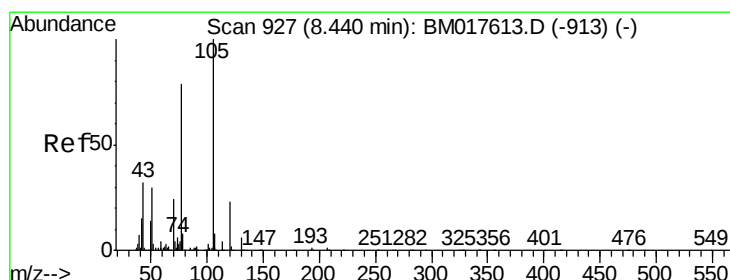
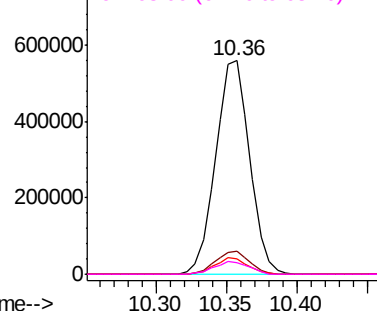
Abundance

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): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 45.291 ng

RT: 8.41 min Scan# 922

Delta R.T. -0.03 min

Lab File: BM017853.D

Acq: 01 Dec 2018 12:55

Tgt Ion:105 Resp: 1067228

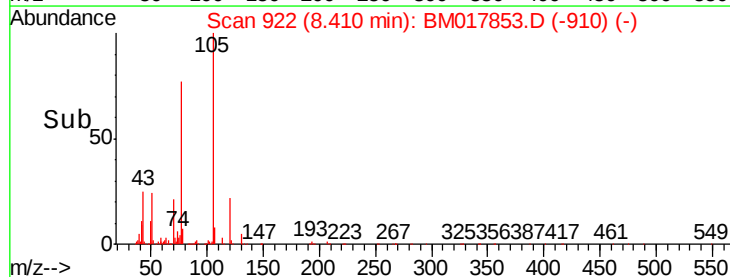
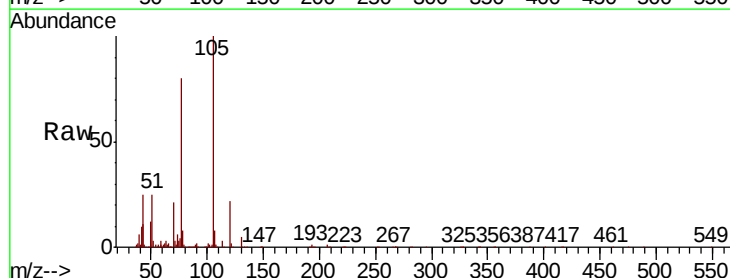
Ion Ratio Lower Upper

105 100

71 3.5 3.1 4.7

51 25.4 23.8 35.8

120 22.1 18.0 27.0



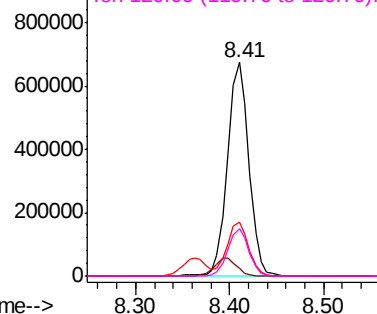
Abundance

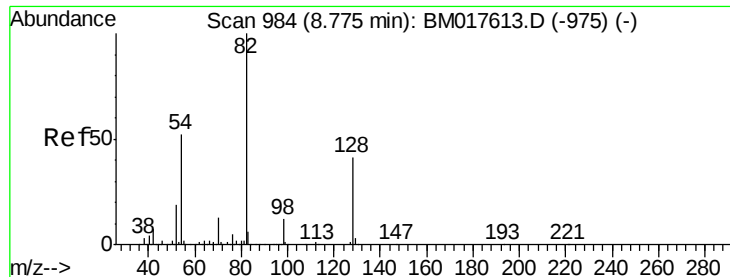
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

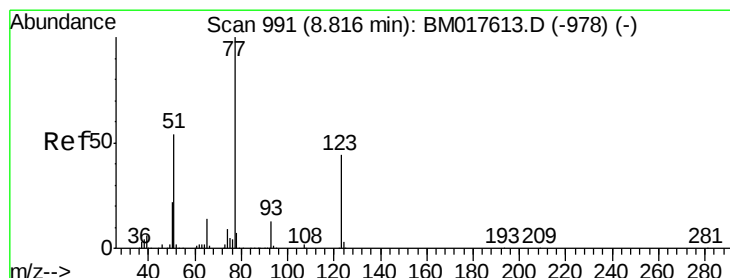
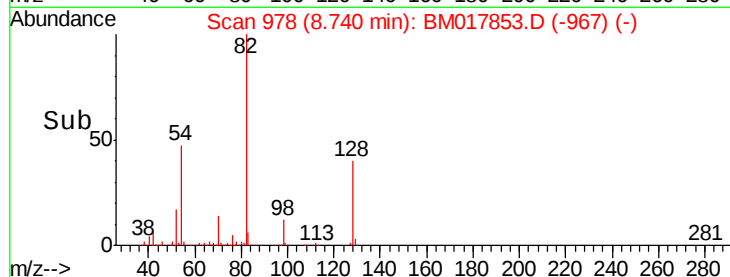
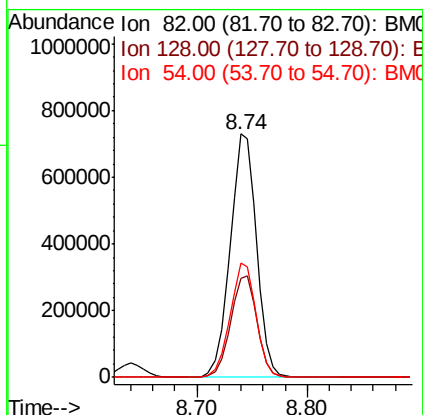
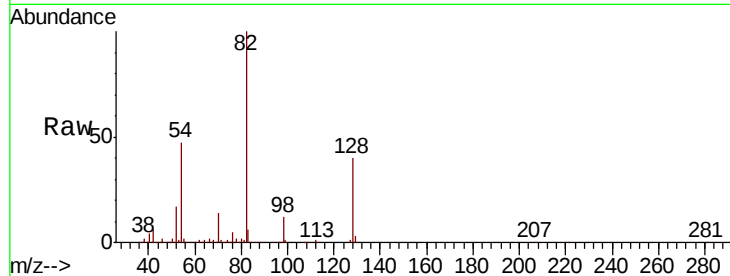




#23
 Nitrobenzene-d5
 Concen: 66.750 ng
 RT: 8.74 min Scan# 978
 Delta R.T. -0.04 min
 Lab File: BM017853.D
 Acq: 01 Dec 2018 12:55

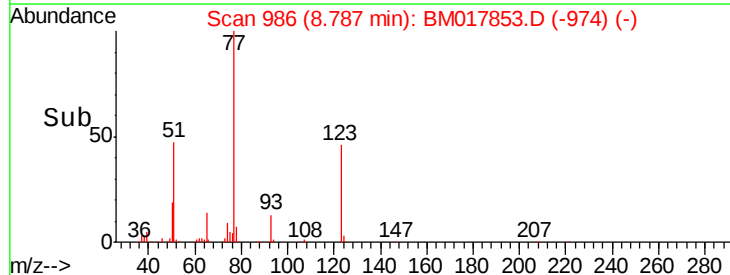
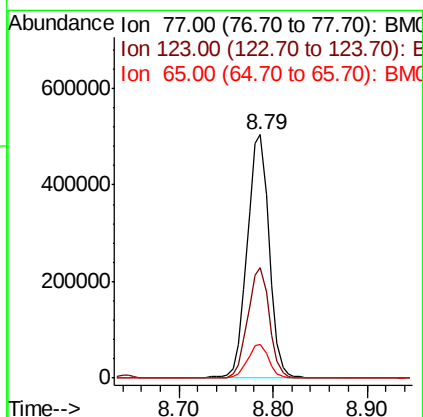
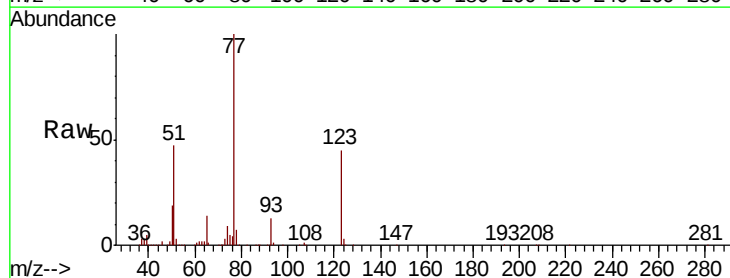
Instrument :
 BNA_M
 ClientSampleId :
 PB115195BS

Tgt Ion: 82 Resp: 1220726
 Ion Ratio Lower Upper
 82 100
 128 40.4 33.0 49.4
 54 46.8 41.4 62.2



#24
 Nitrobenzene
 Concen: 43.894 ng
 RT: 8.79 min Scan# 986
 Delta R.T. -0.03 min
 Lab File: BM017853.D
 Acq: 01 Dec 2018 12:55

Tgt Ion: 77 Resp: 814455
 Ion Ratio Lower Upper
 77 100
 123 45.5 35.1 52.7
 65 13.8 11.0 16.6





#25

Isophorone

Concen: 50.403 ng

RT: 9.30 min Scan# 1074

Delta R.T. -0.04 min

Lab File: BM017853.D

Acq: 01 Dec 2018 12:55

Instrument :

BNA_M

ClientSampleId :

PB115195BS

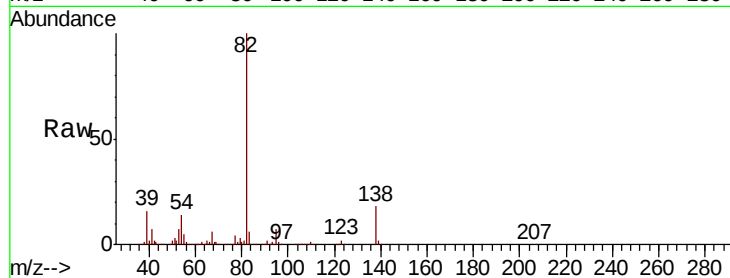
Tgt Ion: 82 Resp: 1423696

Ion Ratio Lower Upper

82 100

95 7.5 6.1 9.1

138 17.5 13.9 20.9

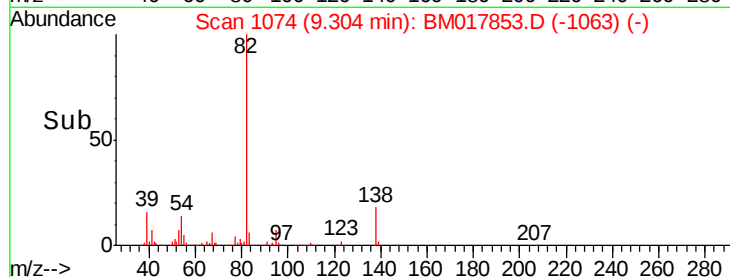


Abundance Ion 82.00 (81.70 to 82.70): BM017613.D (-1071) (-)

Ion 95.00 (94.70 to 95.70): BM017613.D (-1071) (-)

Ion 138.00 (137.70 to 138.70): BM017613.D (-1071) (-)

Time-->

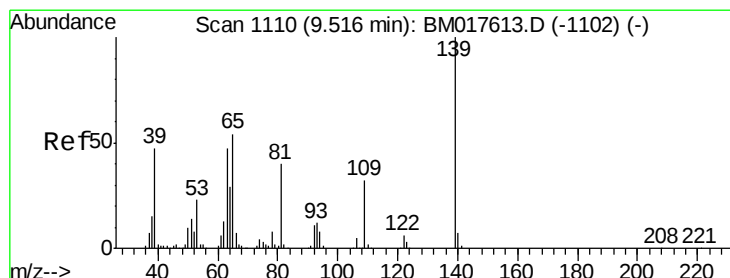


Abundance Ion 82.00 (81.70 to 82.70): BM017853.D (-1063) (-)

Ion 95.00 (94.70 to 95.70): BM017853.D (-1063) (-)

Ion 138.00 (137.70 to 138.70): BM017853.D (-1063) (-)

Time-->



#26

2-Nitrophenol

Concen: 47.354 ng

RT: 9.49 min Scan# 1105

Delta R.T. -0.03 min

Lab File: BM017853.D

Acq: 01 Dec 2018 12:55

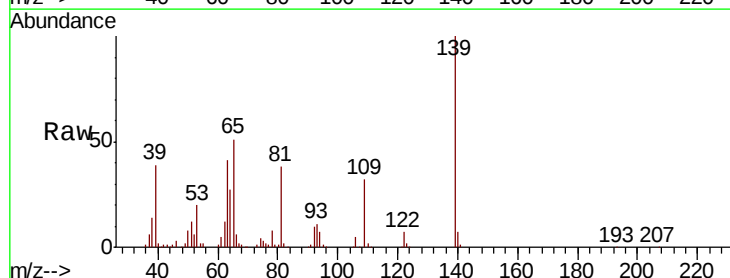
Tgt Ion: 139 Resp: 404724

Ion Ratio Lower Upper

139 100

109 31.8 25.9 38.9

65 50.5 43.0 64.4

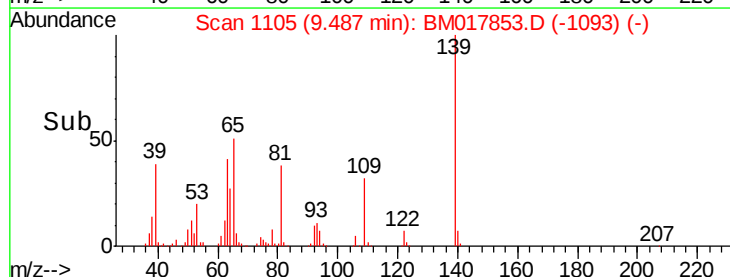


Abundance Ion 139.00 (138.70 to 139.70): BM017613.D (-1102) (-)

Ion 109.00 (108.70 to 109.70): BM017613.D (-1102) (-)

Ion 65.00 (64.70 to 65.70): BM017613.D (-1102) (-)

Time-->

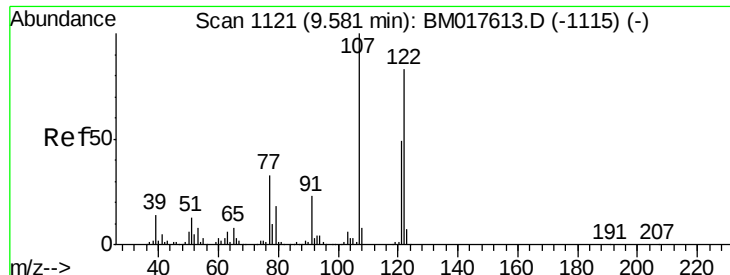


Abundance Ion 139.00 (138.70 to 139.70): BM017853.D (-1093) (-)

Ion 109.00 (108.70 to 109.70): BM017853.D (-1093) (-)

Ion 65.00 (64.70 to 65.70): BM017853.D (-1093) (-)

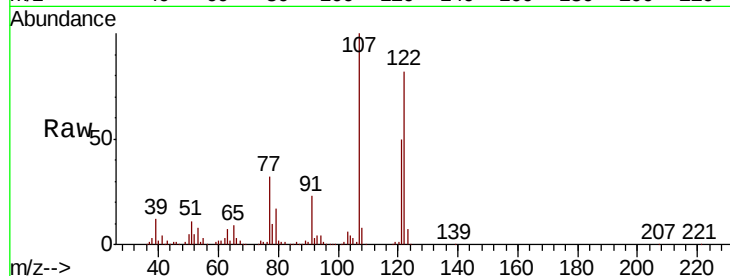
Time-->



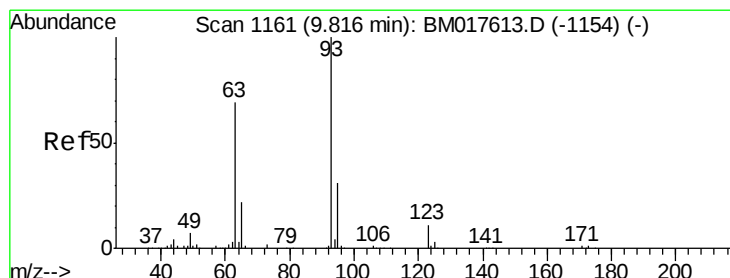
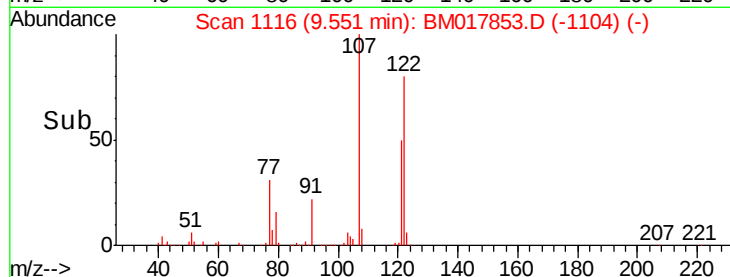
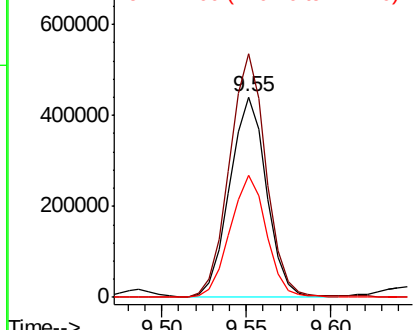
#27
2,4-Dimethylphenol
Concen: 53.939 ng
RT: 9.55 min Scan# 1116
Delta R.T. -0.03 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

Instrument :
BNA_M
ClientSampleId :
PB115195BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	121.6	95.8	143.8
121	60.8	47.2	70.8

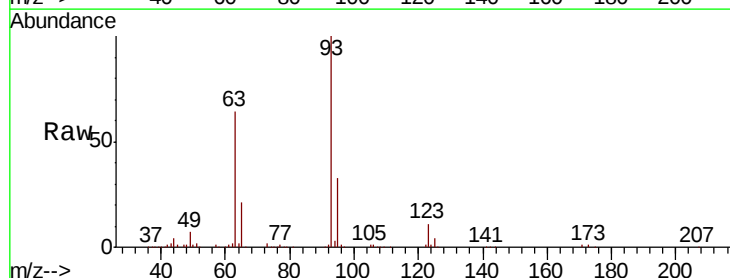


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

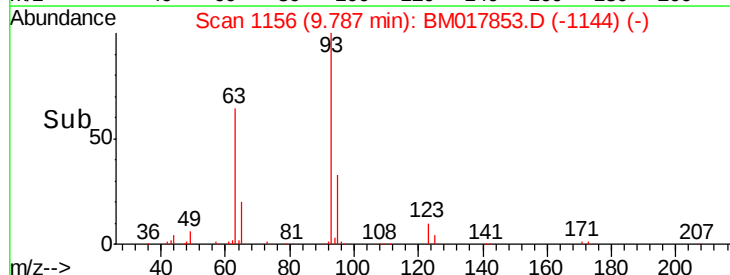
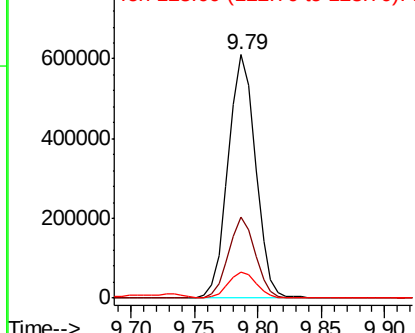


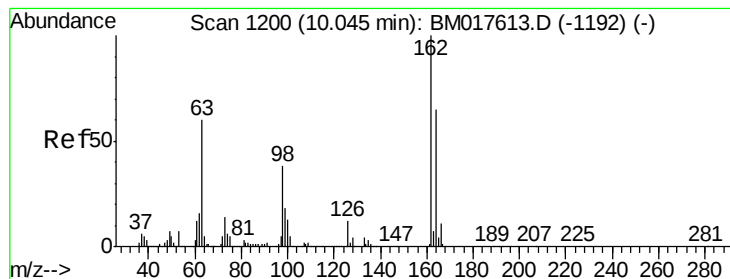
#28
bis(2-Chloroethoxy)methane
Concen: 47.770 ng
RT: 9.79 min Scan# 1156
Delta R.T. -0.03 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	24.9	37.3
123	10.9	8.7	13.1



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: 48.291 ng

RT: 10.01 min Scan# 1194

Delta R.T. -0.04 min

Lab File: BM017853.D

Acq: 01 Dec 2018 12:55

Instrument :

BNA_M

ClientSampleId :

PB115195BS

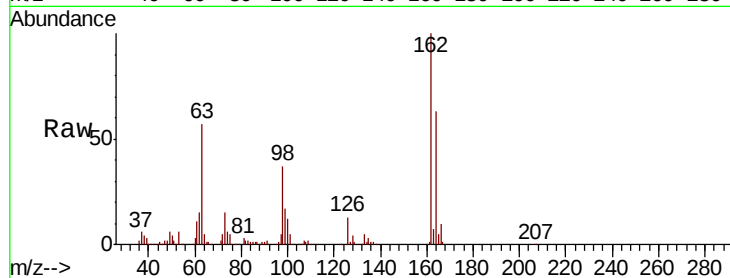
Tgt Ion:162 Resp: 690486

Ion Ratio Lower Upper

162 100

164 63.3 45.0 85.0

98 36.8 17.5 57.5

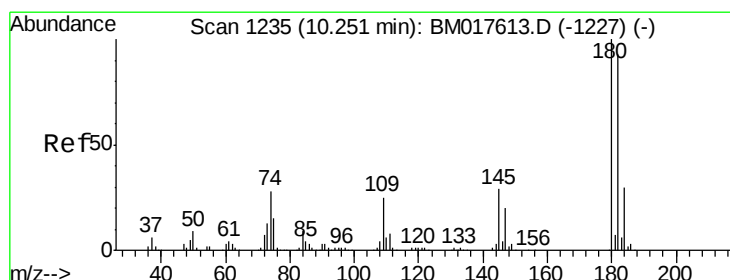
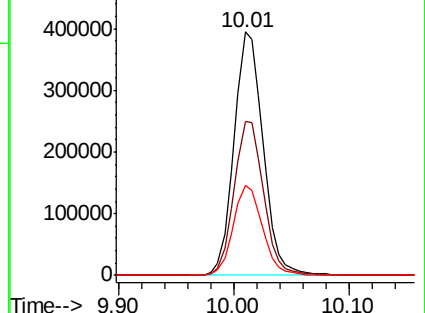
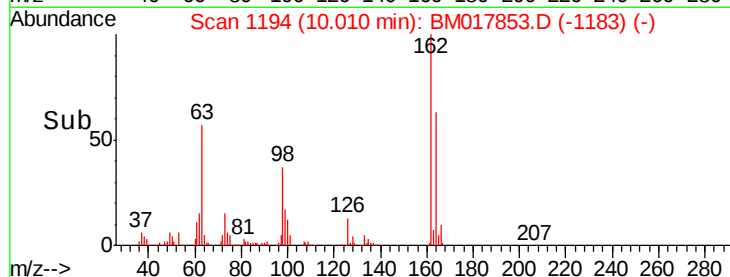


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30

1,2,4-Trichlorobenzene

Concen: 44.775 ng

RT: 10.22 min Scan# 1230

Delta R.T. -0.03 min

Lab File: BM017853.D

Acq: 01 Dec 2018 12:55

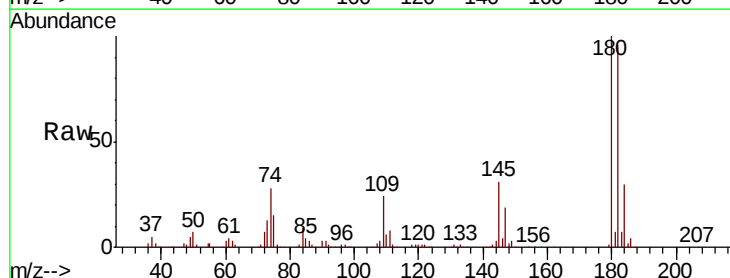
Tgt Ion:180 Resp: 744622

Ion Ratio Lower Upper

180 100

182 96.3 74.4 111.6

145 30.5 23.5 35.3

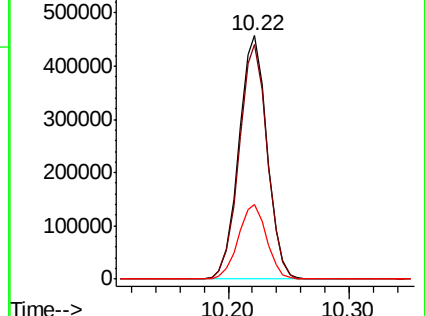
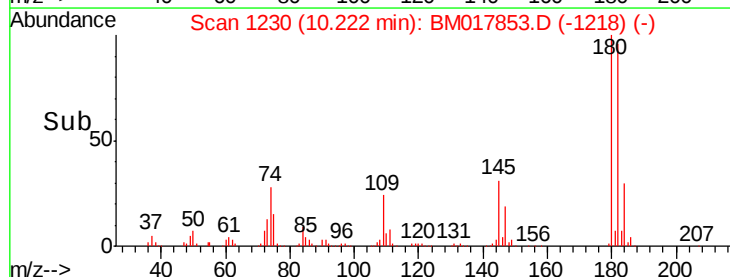


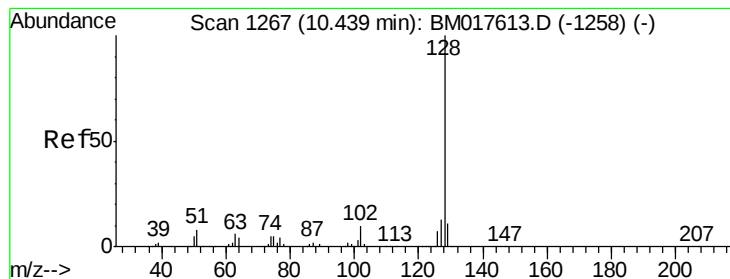
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 48.075 ng

RT: 10.40 min Scan# 1261

Delta R.T. -0.04 min

Lab File: BM017853.D

Acq: 01 Dec 2018 12:55

Instrument :

BNA_M

ClientSampleId :

PB115195BS

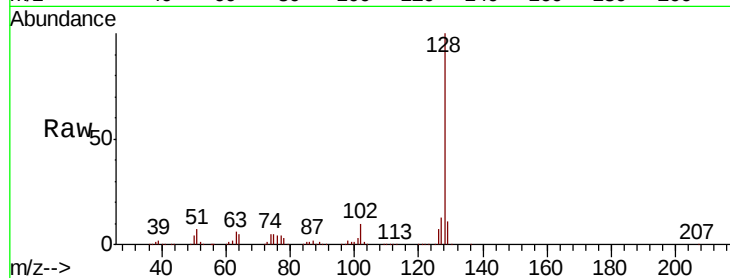
Tgt Ion:128 Resp: 2231654

Ion Ratio Lower Upper

128 100

129 10.7 8.6 12.8

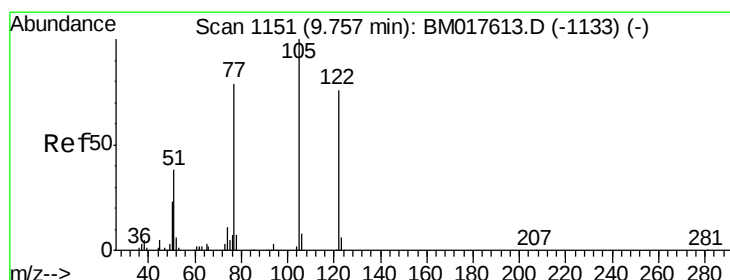
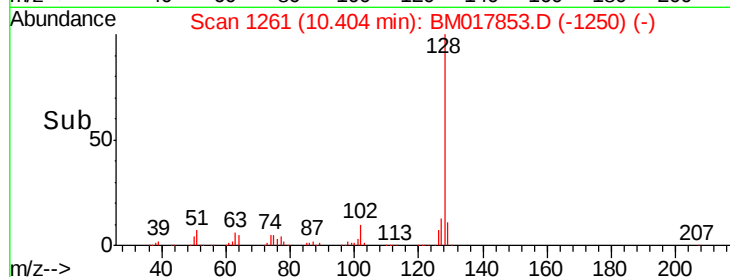
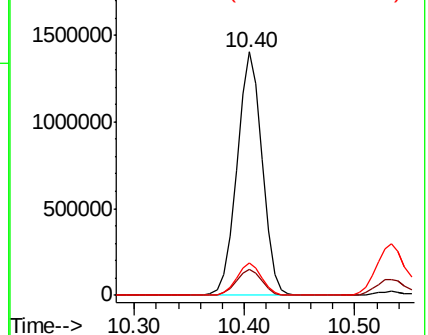
127 13.1 10.3 15.5



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: 40.003 ng

RT: 9.73 min Scan# 1147

Delta R.T. -0.02 min

Lab File: BM017853.D

Acq: 01 Dec 2018 12:55

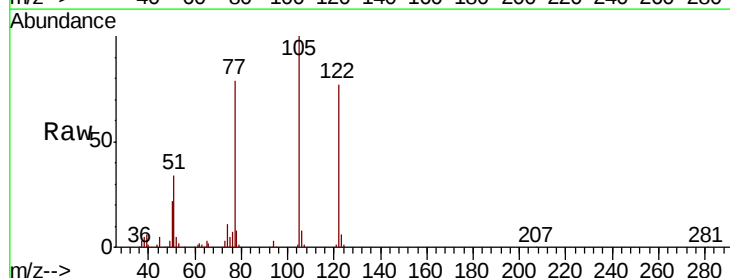
Tgt Ion:122 Resp: 446351

Ion Ratio Lower Upper

122 100

105 129.3 109.1 149.1

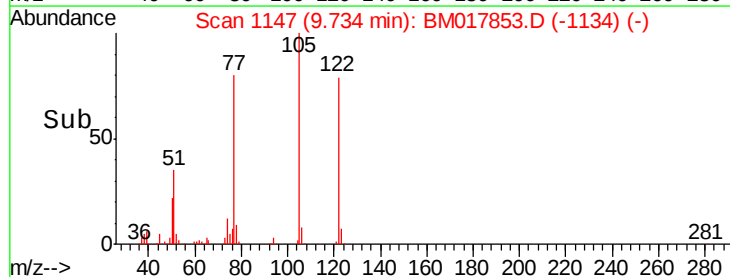
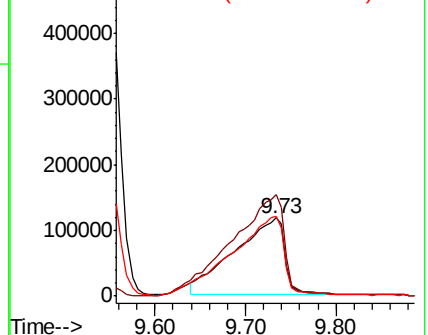
77 101.6 82.1 122.1

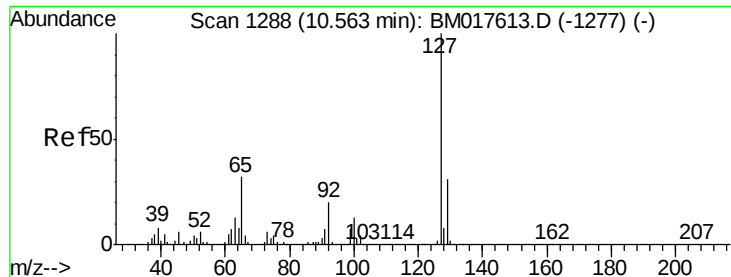


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

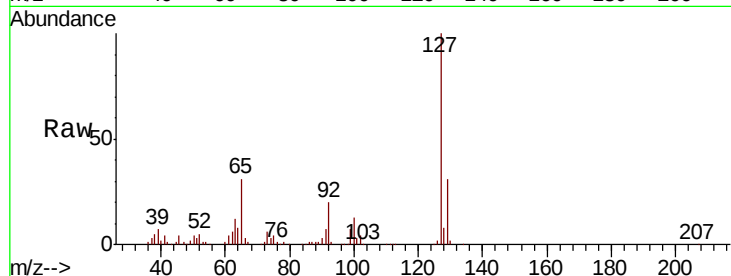




#33
4-Chloroaniline
Concen: 27.837 ng
RT: 10.53 min Scan# 1283
Delta R.T. -0.03 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

Instrument :
BNA_M
ClientSampleId :
PB115195BS

Tgt Ion:	127	Resp:	565903
Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.0	37.4
65	30.5	25.8	38.8
92	20.2	15.8	23.6



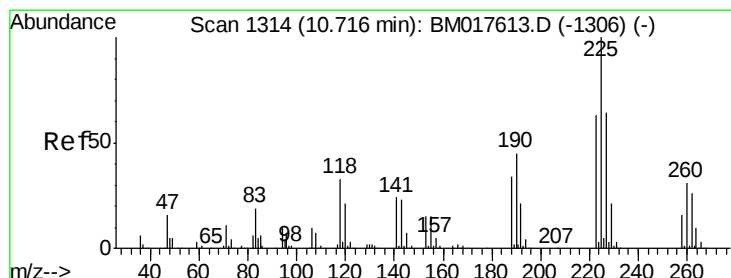
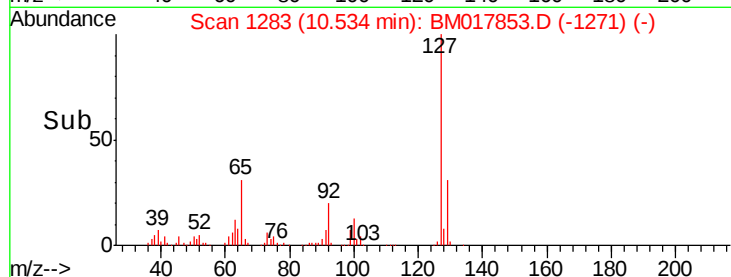
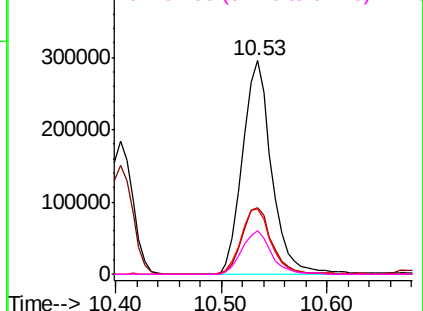
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

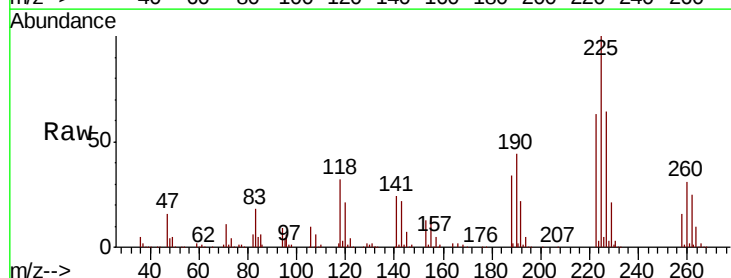
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 43.819 ng
RT: 10.68 min Scan# 1308
Delta R.T. -0.04 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

Tgt Ion:	225	Resp:	452394
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.7	76.1
227	64.2	51.0	76.4

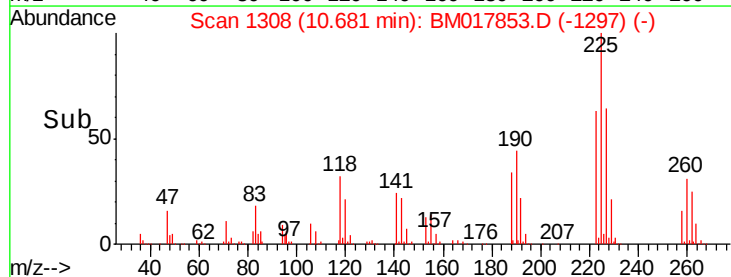
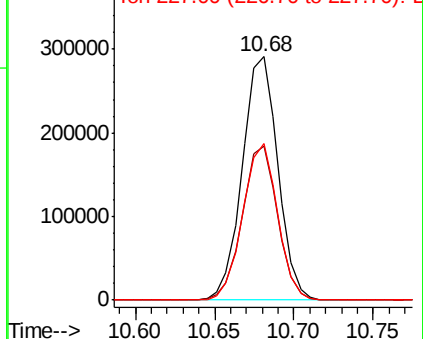


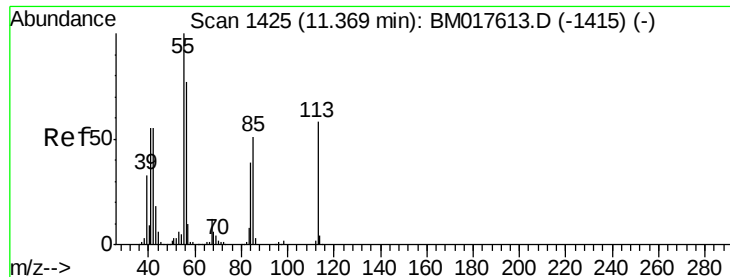
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

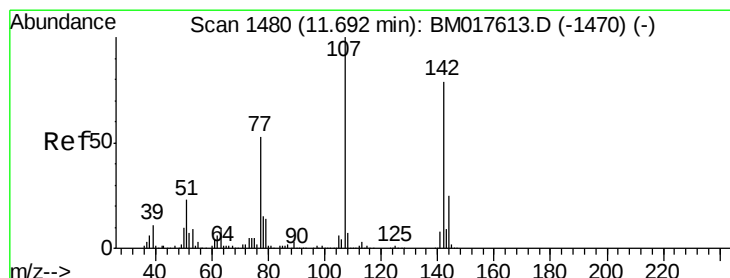
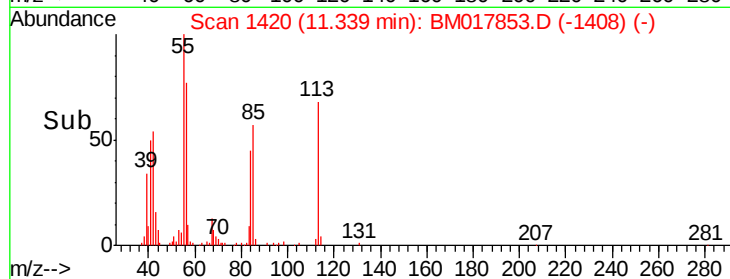
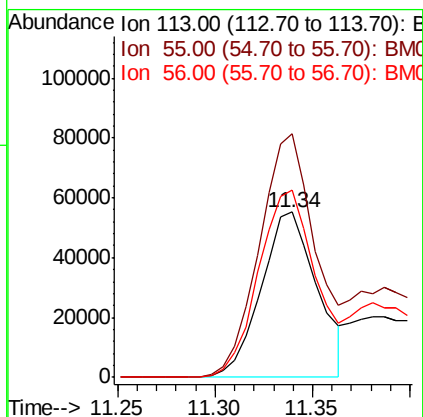
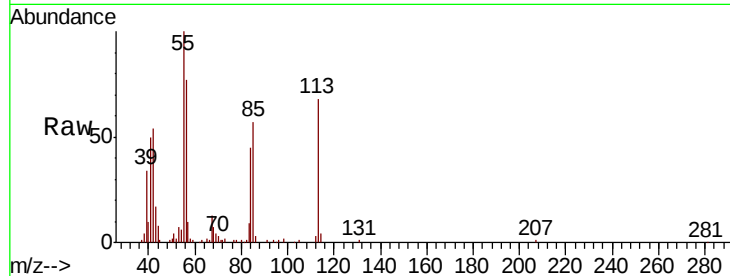




#35
 Caprolactam
 Concen: 20.865 ng
 RT: 11.34 min Scan# 1420
 Delta R.T. -0.03 min
 Lab File: BM017853.D
 Acq: 01 Dec 2018 12:55

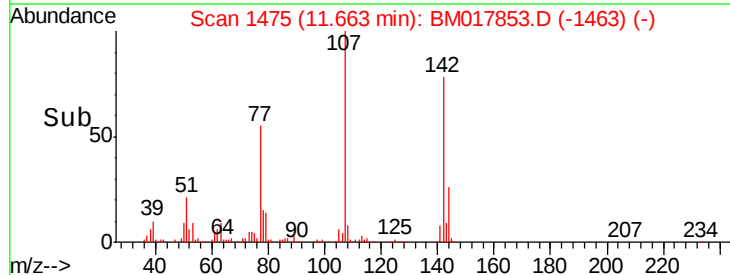
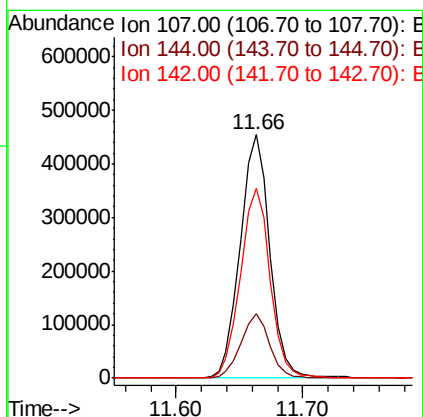
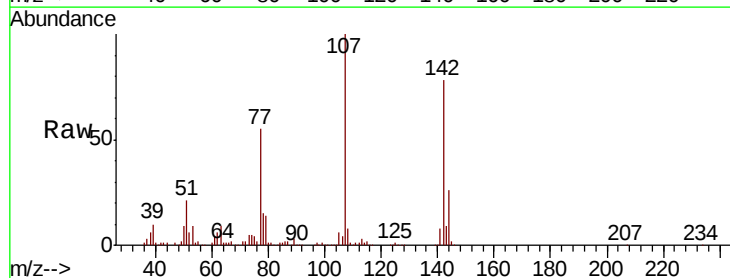
Instrument :
 BNA_M
 ClientSampleID :
 PB115195BS

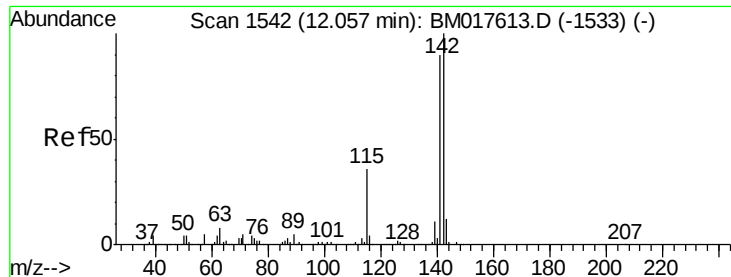
Tgt Ion:113 Resp: 109866
 Ion Ratio Lower Upper
 113 100
 55 147.5 153.1 193.1#
 56 113.2 112.7 152.7



#36
 4-Chloro-3-methylphenol
 Concen: 44.645 ng
 RT: 11.66 min Scan# 1475
 Delta R.T. -0.03 min
 Lab File: BM017853.D
 Acq: 01 Dec 2018 12:55

Tgt Ion:107 Resp: 737017
 Ion Ratio Lower Upper
 107 100
 144 26.5 19.9 29.9
 142 78.1 63.0 94.4

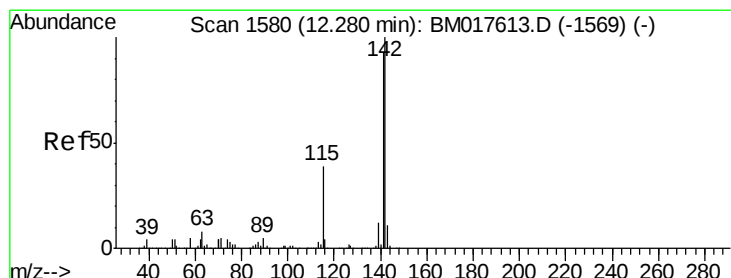
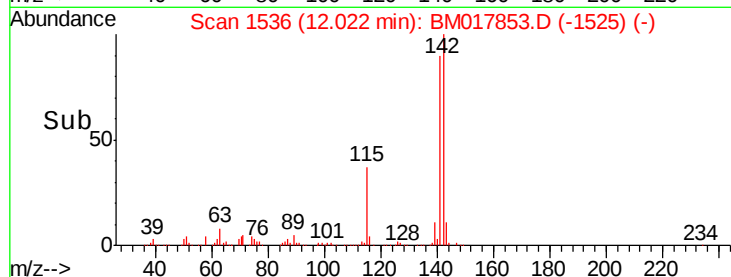
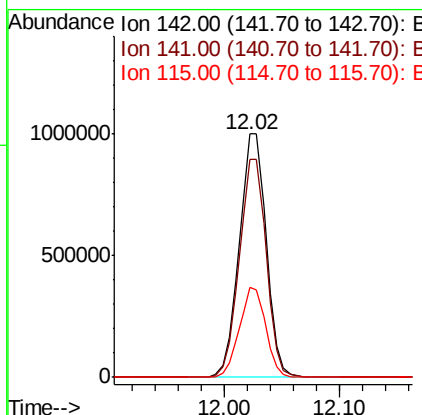
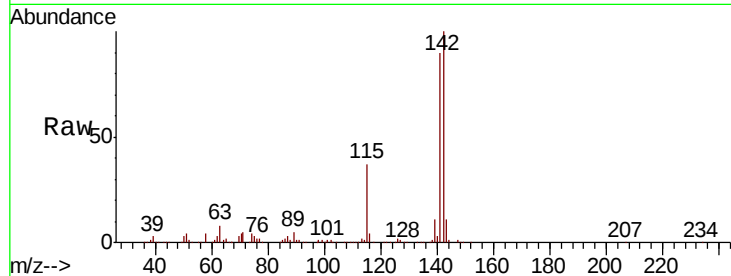




#37
 2-Methylnaphthalene
 Concen: 49.449 ng
 RT: 12.02 min Scan# 1536
 Delta R.T. -0.04 min
 Lab File: BM017853.D
 Acq: 01 Dec 2018 12:55

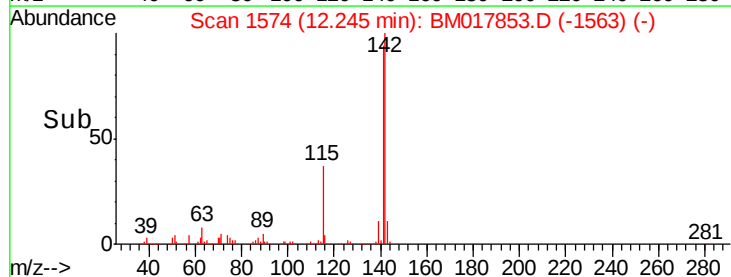
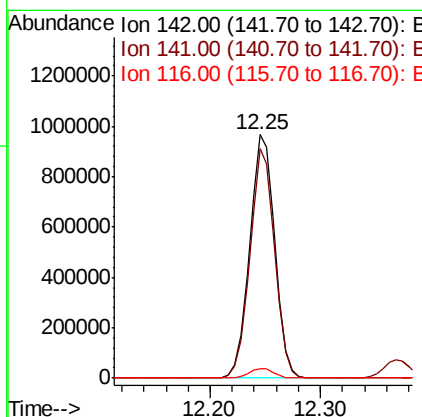
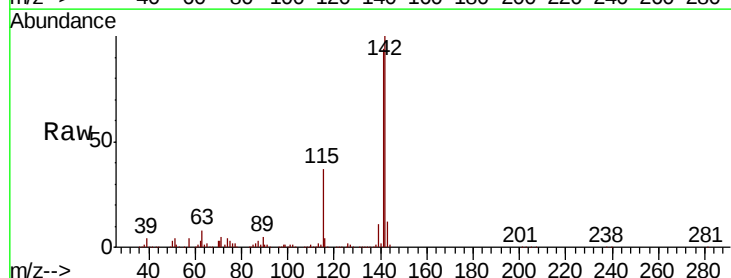
Instrument :
 BNA_M
 ClientSampleId :
 PB115195BS

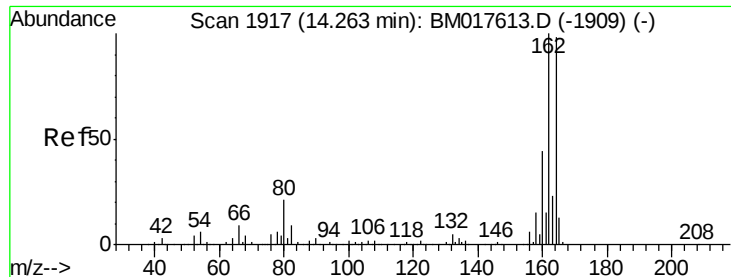
Tgt Ion:142 Resp: 1622334
 Ion Ratio Lower Upper
 142 100
 141 89.5 72.2 108.4
 115 37.2 28.5 42.7



#38
 1-Methylnaphthalene
 Concen: 47.854 ng
 RT: 12.25 min Scan# 1574
 Delta R.T. -0.04 min
 Lab File: BM017853.D
 Acq: 01 Dec 2018 12:55

Tgt Ion:142 Resp: 1539395
 Ion Ratio Lower Upper
 142 100
 141 94.2 74.2 111.4
 116 3.8 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.23 min Scan# 1912

Delta R.T. -0.03 min

Lab File: BM017853.D

Acq: 01 Dec 2018 12:55

Instrument :

BNA_M

ClientSampleId :

PB115195BS

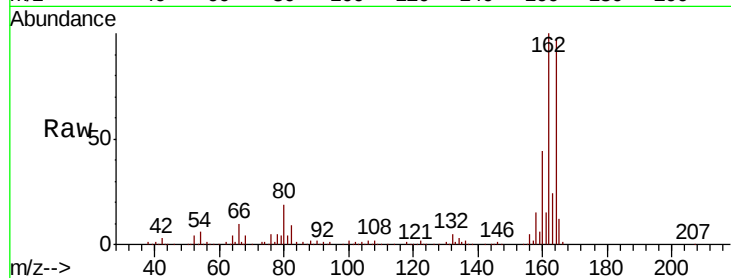
Tgt Ion:164 Resp: 515889

Ion Ratio Lower Upper

164 100

162 103.4 81.4 122.0

160 45.3 35.6 53.4

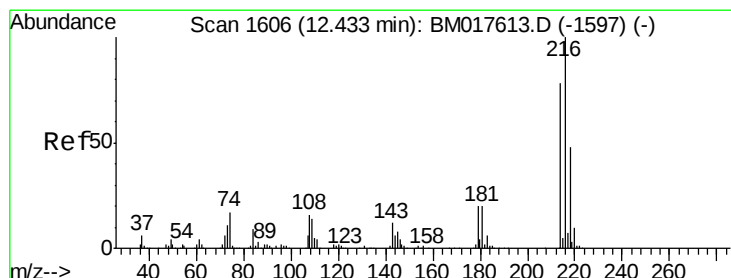
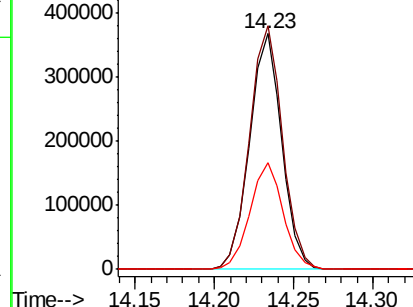
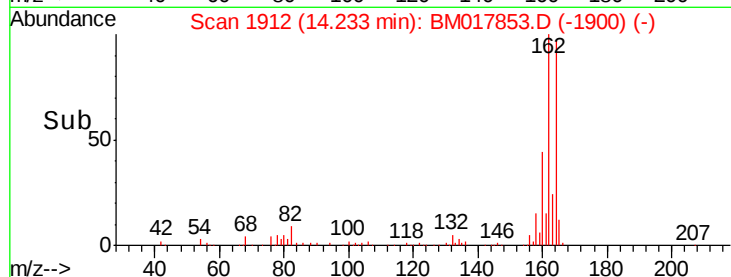


Abundance

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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.700 ng

RT: 12.40 min Scan# 1600

Delta R.T. -0.04 min

Lab File: BM017853.D

Acq: 01 Dec 2018 12:55

Tgt Ion:216 Resp: 831355

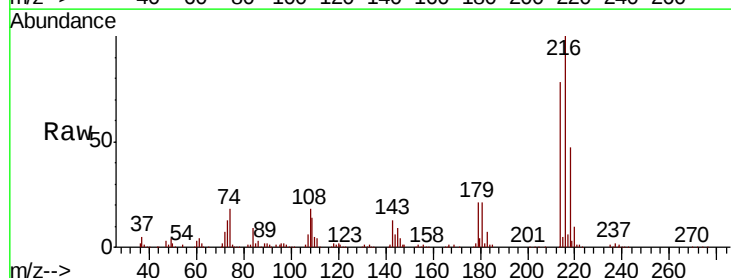
Ion Ratio Lower Upper

216 100

214 79.0 62.5 93.7

179 21.3 16.8 25.2

108 20.7 14.6 22.0



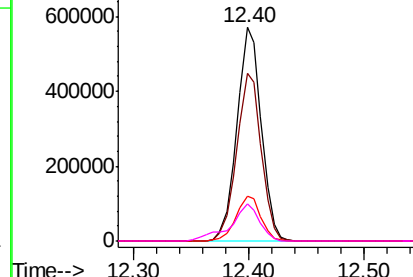
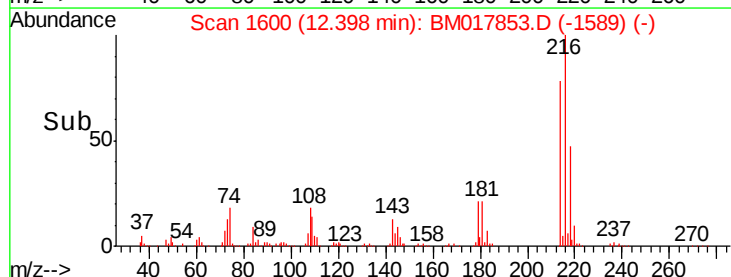
Abundance

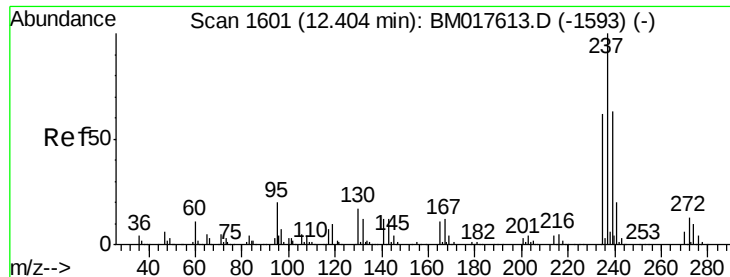
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 102.623 ng

RT: 12.37 min Scan# 1595

Delta R.T. -0.04 min

Lab File: BM017853.D

Acq: 01 Dec 2018 12:55

Instrument :

BNA_M

ClientSampleId :

PB115195BS

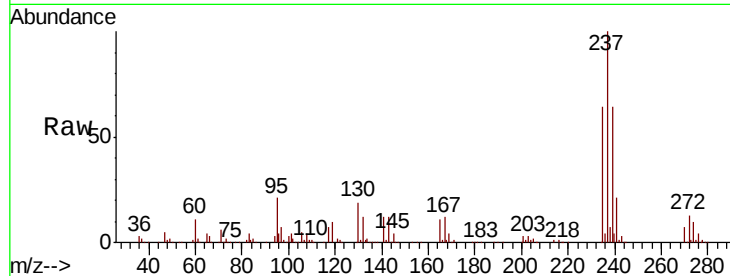
Tgt Ion: 237 Resp: 964680

Ion Ratio Lower Upper

237 100

235 63.5 42.2 82.2

272 12.9 0.0 32.6

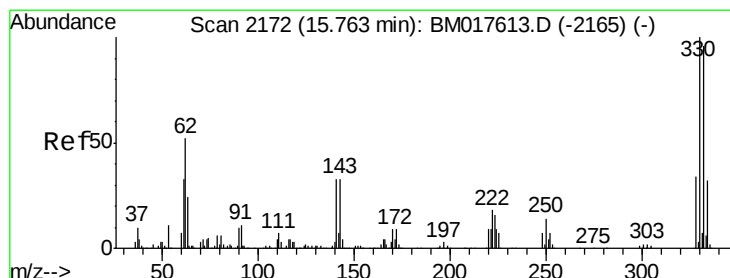
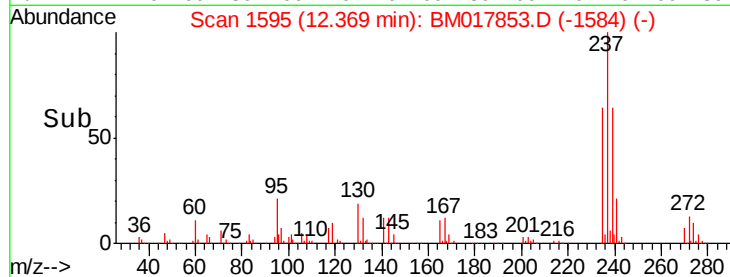
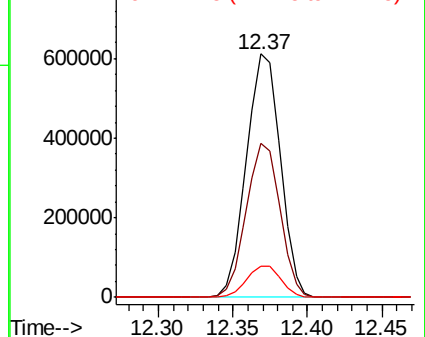


Abundance

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: 129.592 ng

RT: 15.74 min Scan# 2168

Delta R.T. -0.02 min

Lab File: BM017853.D

Acq: 01 Dec 2018 12:55

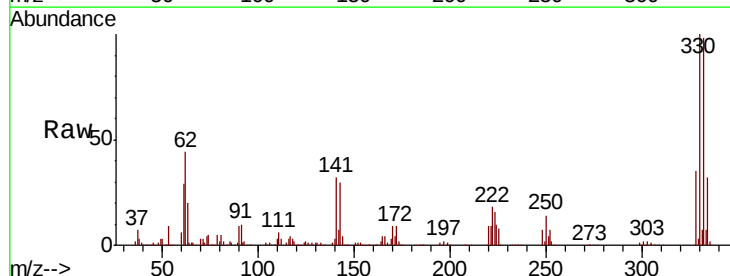
Tgt Ion: 330 Resp: 960613

Ion Ratio Lower Upper

330 100

332 96.2 77.9 116.9

141 35.1 27.5 41.3

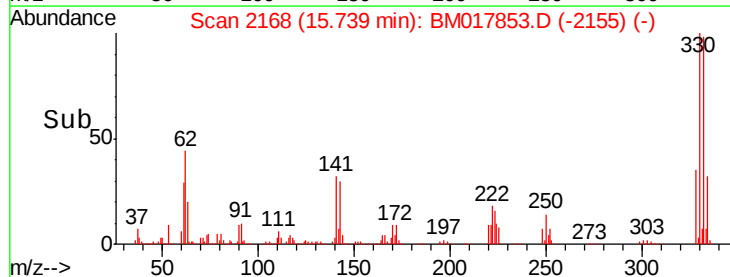
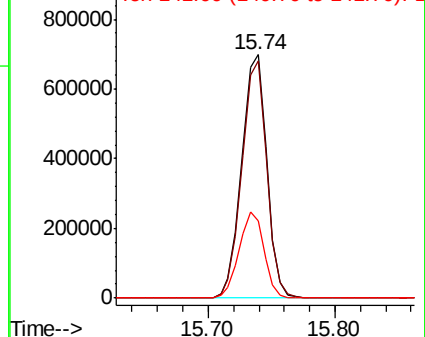


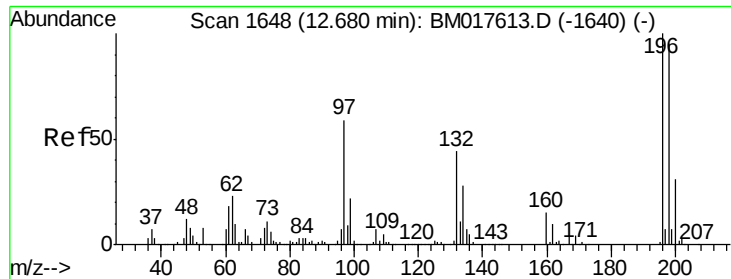
Abundance

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

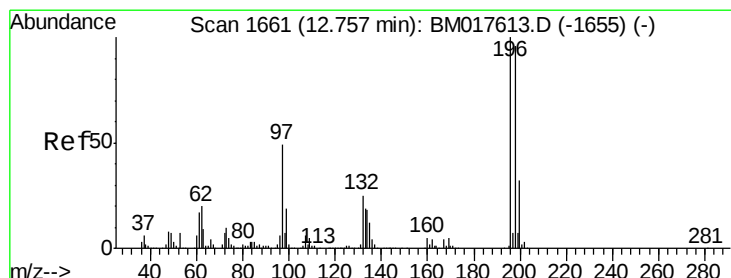
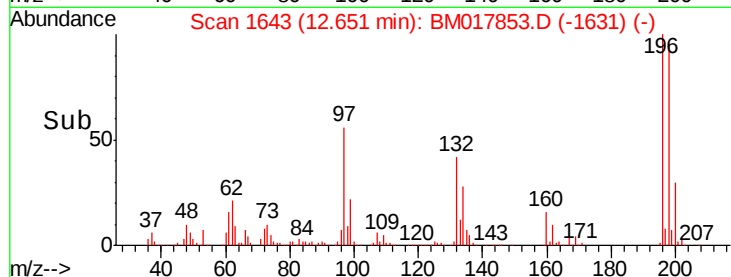
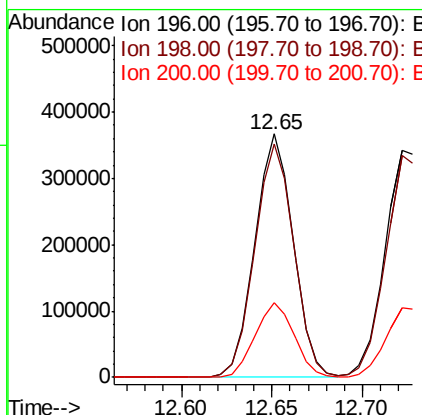
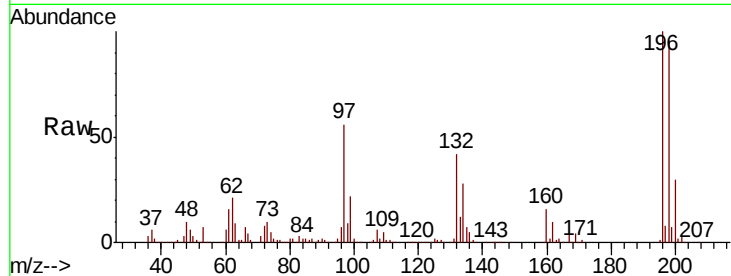




#43
 2,4,6-Trichlorophenol
 Concen: 47.532 ng
 RT: 12.65 min Scan# 1643
 Delta R.T. -0.03 min
 Lab File: BM017853.D
 Acq: 01 Dec 2018 12:55

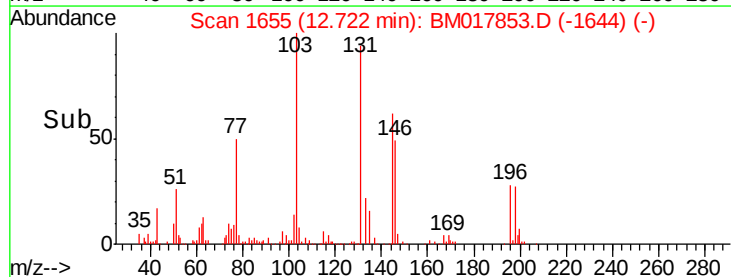
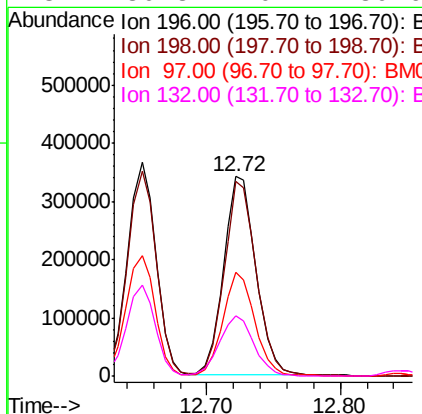
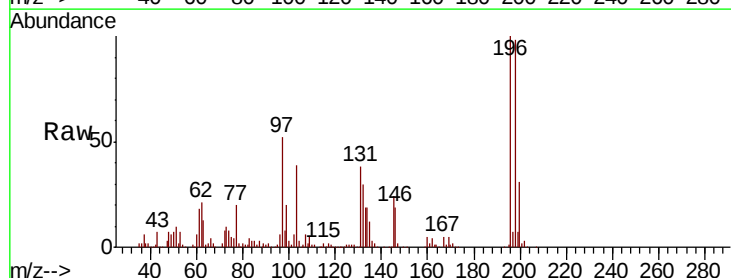
Instrument :
 BNA_M
 ClientSampleId :
 PB115195BS

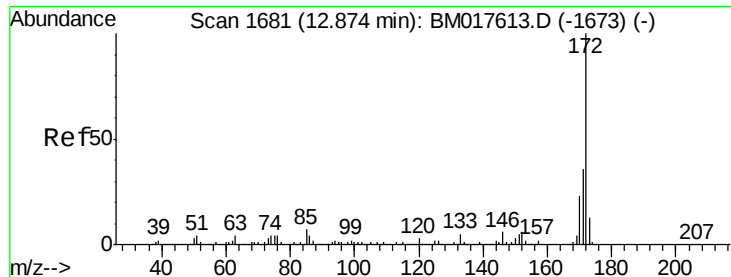
Tgt Ion:196 Resp: 541614
 Ion Ratio Lower Upper
 196 100
 198 95.9 75.6 113.4
 200 30.5 24.8 37.2



#44
 2,4,5-Trichlorophenol
 Concen: 48.143 ng
 RT: 12.72 min Scan# 1655
 Delta R.T. -0.04 min
 Lab File: BM017853.D
 Acq: 01 Dec 2018 12:55

Tgt Ion:196 Resp: 579223
 Ion Ratio Lower Upper
 196 100
 198 97.8 76.8 115.2
 97 52.0 39.0 58.6
 132 30.3 20.4 30.6

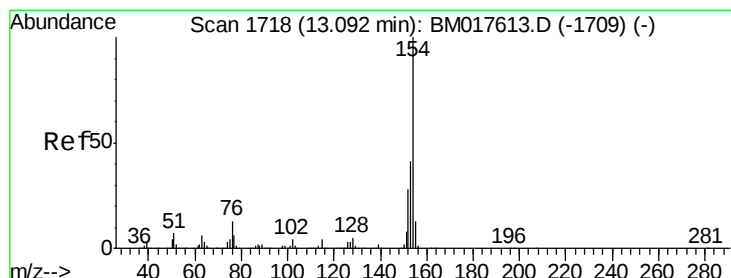
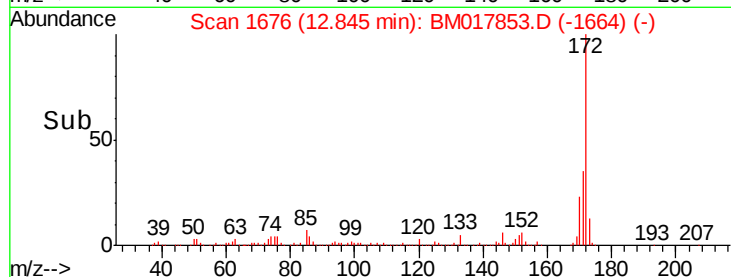
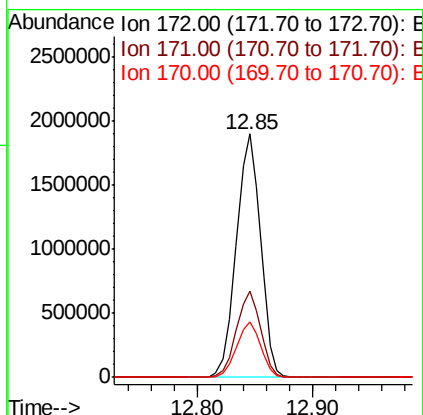
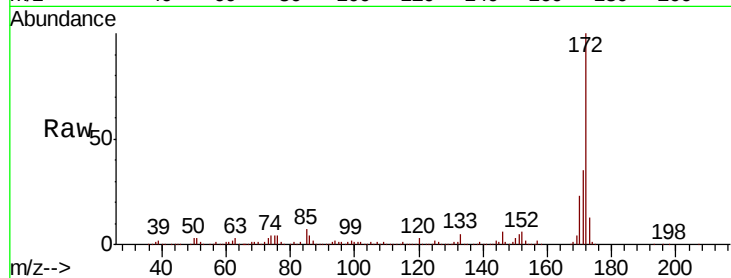




#45
2-Fluorobiphenyl
Concen: 69.217 ng
RT: 12.85 min Scan# 1676
Delta R.T. -0.03 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

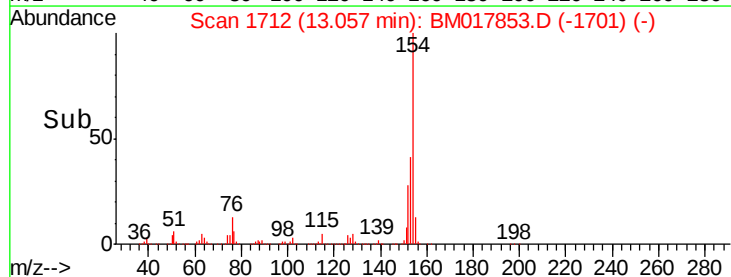
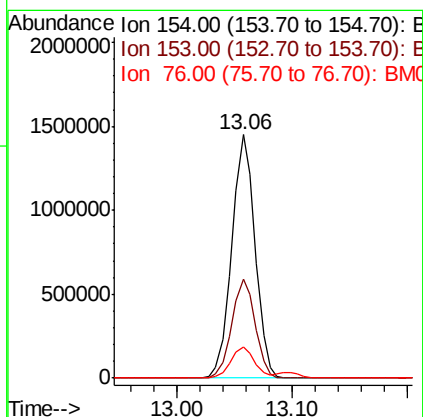
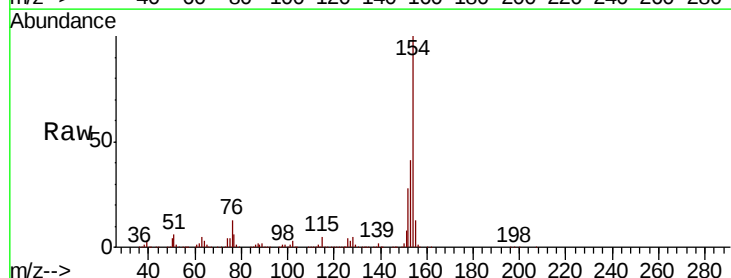
Instrument :
BNA_M
ClientSampleId :
PB115195BS

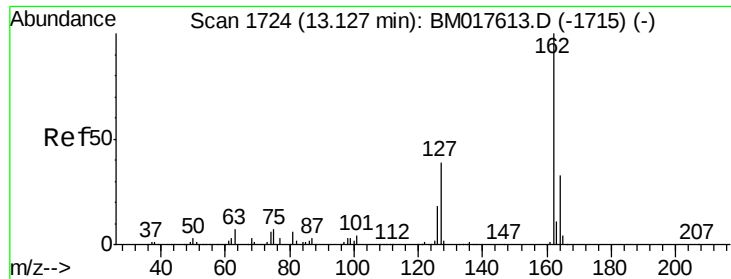
Tgt Ion:172 Resp: 2752450
Ion Ratio Lower Upper
172 100
171 35.3 28.7 43.1
170 22.7 18.3 27.5



#46
1,1'-Biphenyl
Concen: 43.602 ng
RT: 13.06 min Scan# 1712
Delta R.T. -0.04 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

Tgt Ion:154 Resp: 2019073
Ion Ratio Lower Upper
154 100
153 40.6 20.8 60.8
76 13.0 0.0 32.8

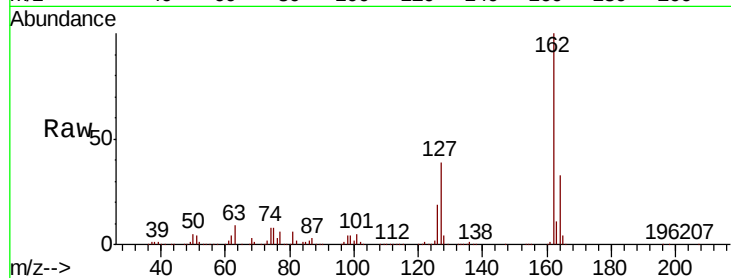




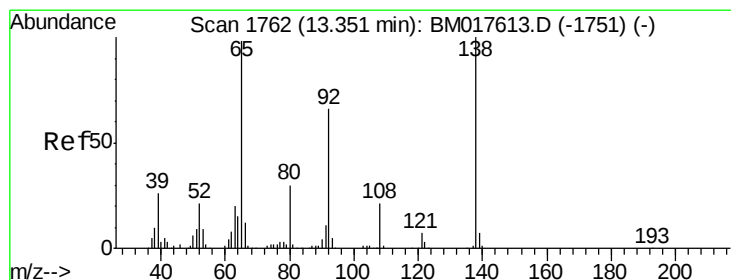
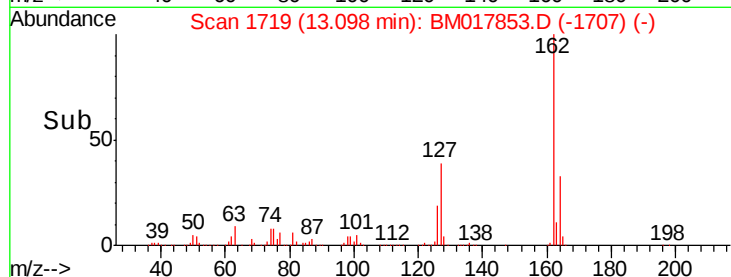
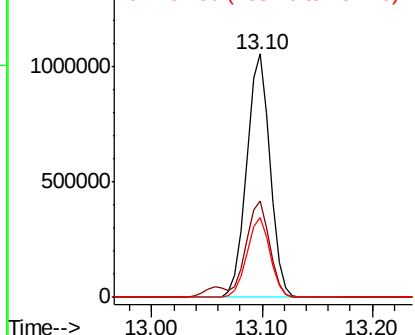
#47
2-Chloronaphthalene
Concen: 45.565 ng
RT: 13.10 min Scan# 1719
Delta R.T. -0.03 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

Instrument :
BNA_M
ClientSampleId :
PB115195BS

Tgt Ion: 162 Resp: 1566122
Ion Ratio Lower Upper
162 100
127 39.5 32.6 48.8
164 32.6 26.5 39.7

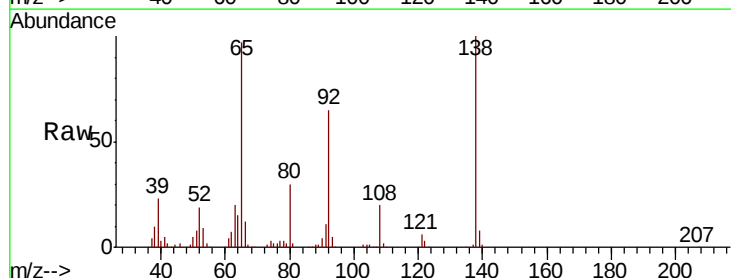


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

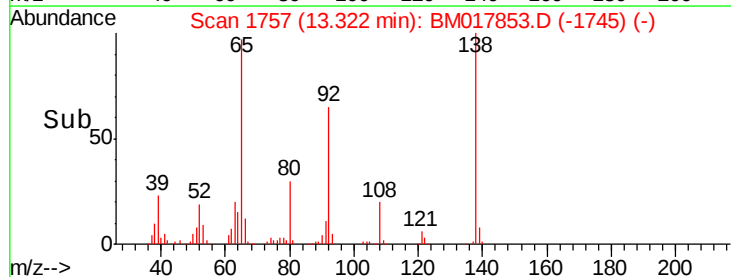
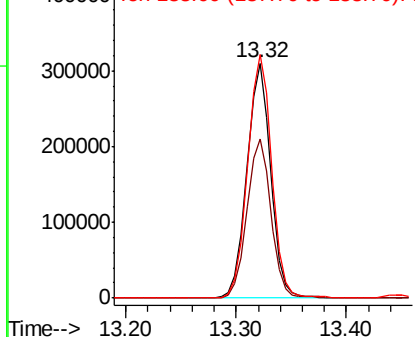


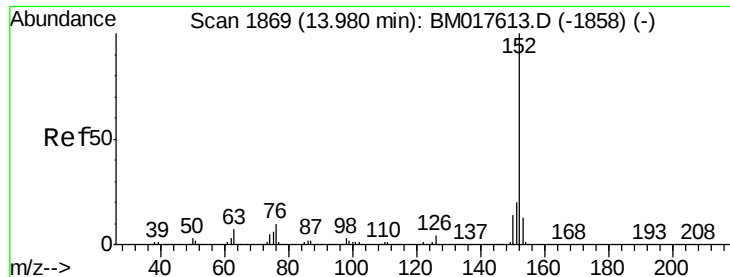
#48
2-Nitroaniline
Concen: 44.269 ng
RT: 13.32 min Scan# 1757
Delta R.T. -0.03 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

Tgt Ion: 65 Resp: 470560
Ion Ratio Lower Upper
65 100
92 67.7 53.7 80.5
138 103.6 81.5 122.3



Abundance Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 48.202 ng

RT: 13.95 min Scan# 1864

Delta R.T. -0.03 min

Lab File: BM017853.D

Acq: 01 Dec 2018 12:55

Instrument :

BNA_M

ClientSampleId :

PB115195BS

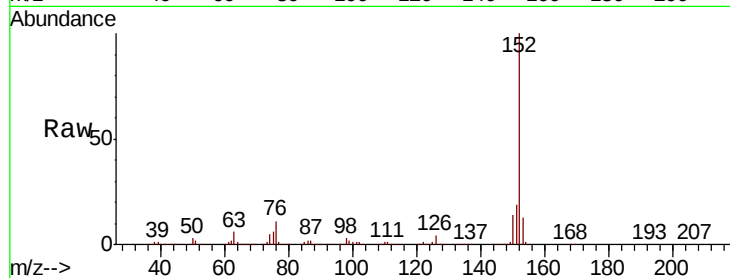
Tgt Ion:152 Resp: 2489192

Ion Ratio Lower Upper

152 100

151 19.4 15.9 23.9

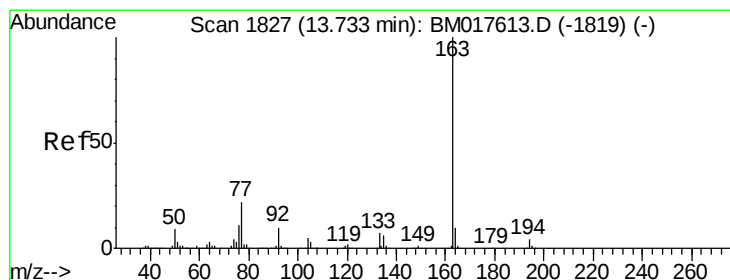
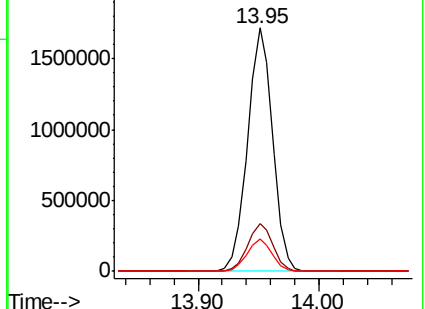
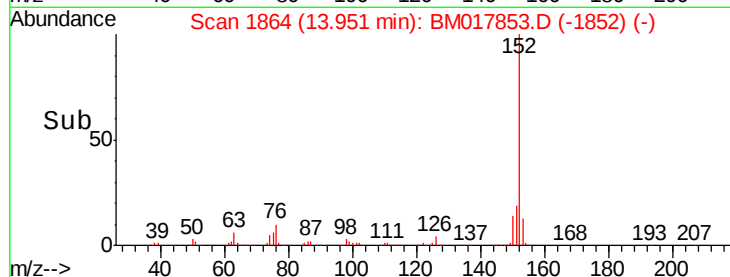
153 13.2 10.5 15.7



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: 45.380 ng

RT: 13.71 min Scan# 1823

Delta R.T. -0.02 min

Lab File: BM017853.D

Acq: 01 Dec 2018 12:55

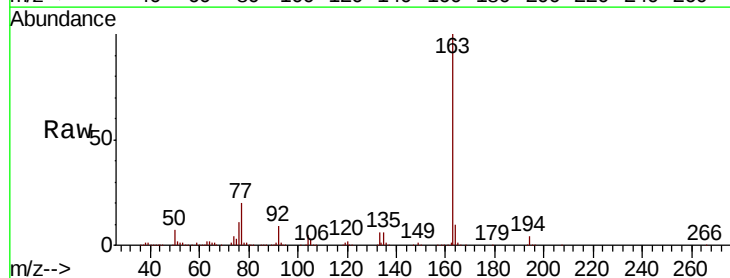
Tgt Ion:163 Resp: 1903392

Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

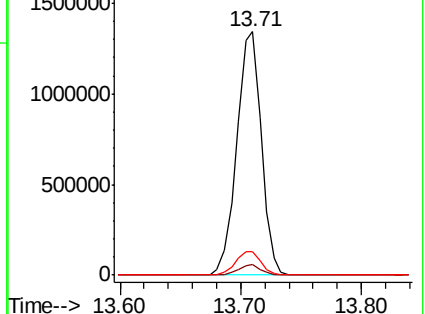
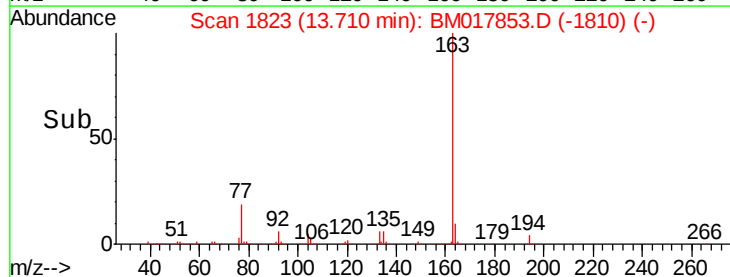
164 9.7 8.2 12.4

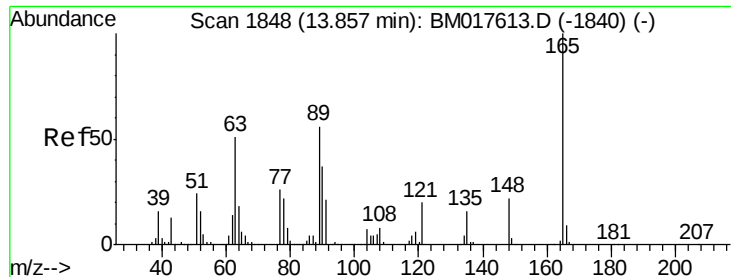


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

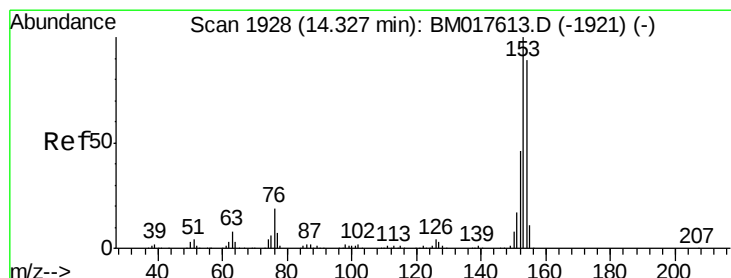
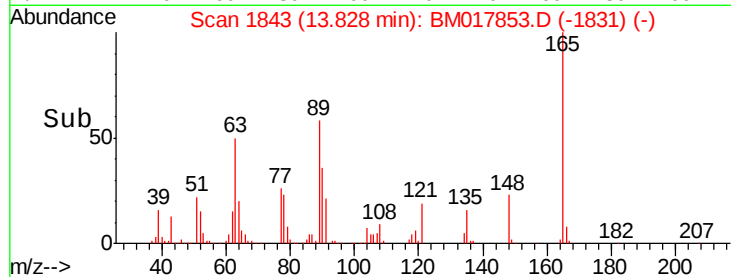
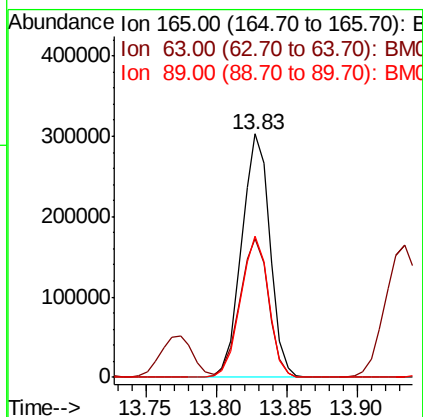
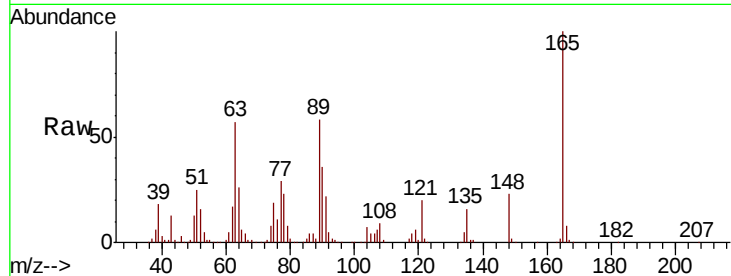




#51
2,6-Dinitrotoluene
Concen: 45.328 ng
RT: 13.83 min Scan# 1843
Delta R.T. -0.03 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

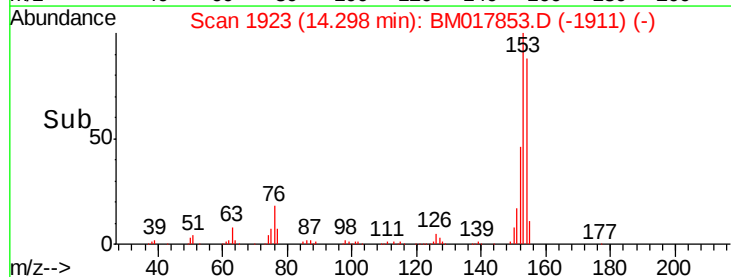
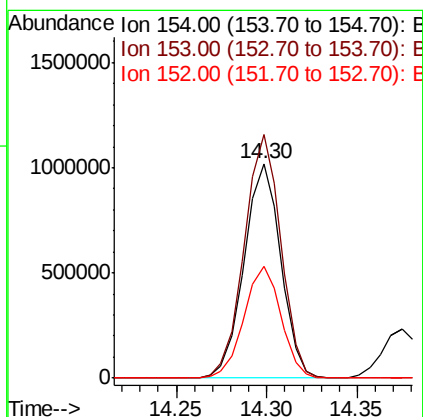
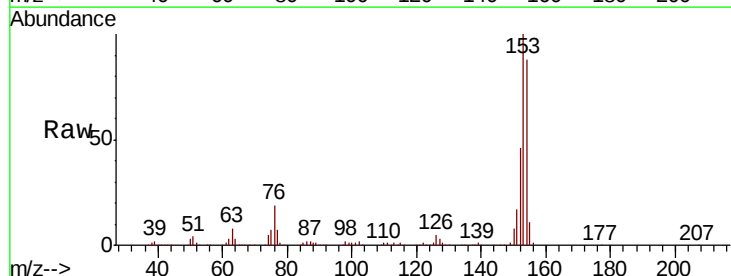
Instrument :
BNA_M
ClientSampleId :
PB115195BS

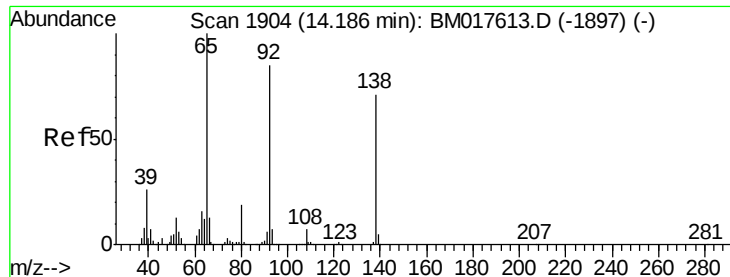
Tgt Ion:165 Resp: 423355
Ion Ratio Lower Upper
165 100
63 56.8 47.3 70.9
89 57.8 44.8 67.2



#52
Acenaphthene
Concen: 45.258 ng
RT: 14.30 min Scan# 1923
Delta R.T. -0.03 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

Tgt Ion:154 Resp: 1434309
Ion Ratio Lower Upper
154 100
153 113.6 90.2 135.4
152 52.0 41.6 62.4

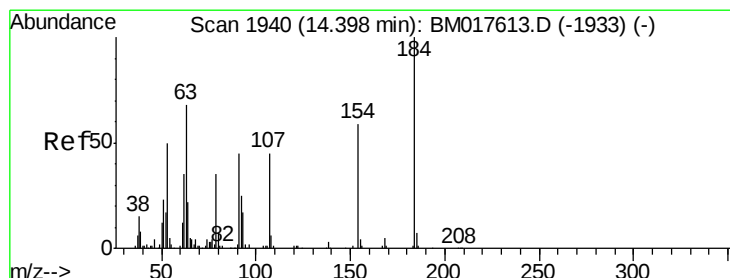
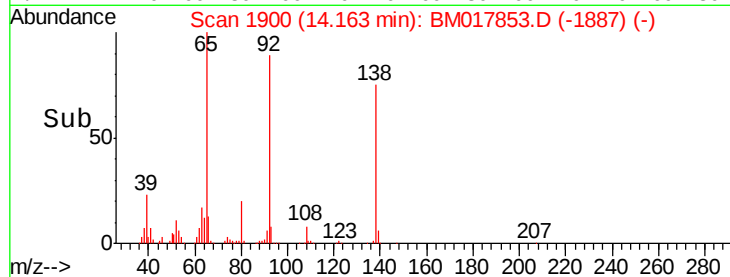
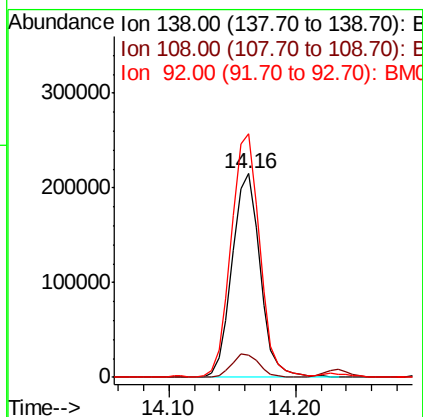
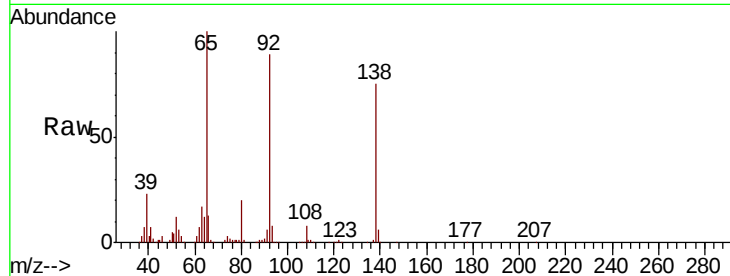




#53
 3-Nitroaniline
 Concen: 32.362 ng
 RT: 14.16 min Scan# 1900
 Delta R.T. -0.02 min
 Lab File: BM017853.D
 Acq: 01 Dec 2018 12:55

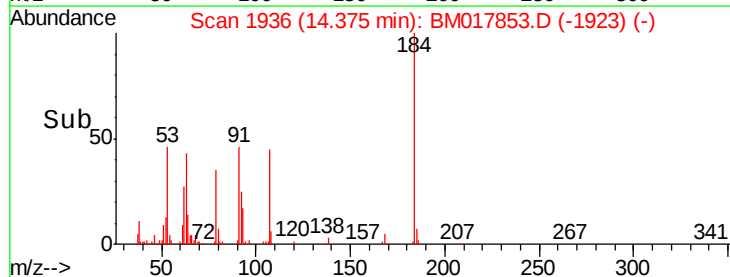
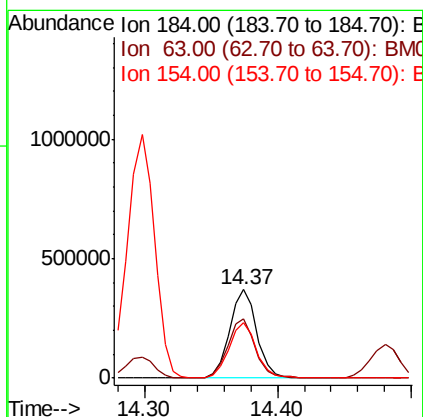
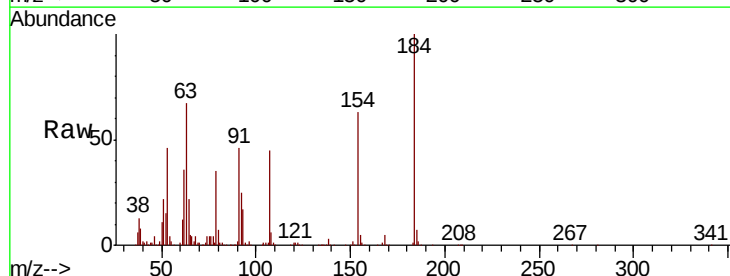
Instrument :
 BNA_M
 ClientSampleId :
 PB115195BS

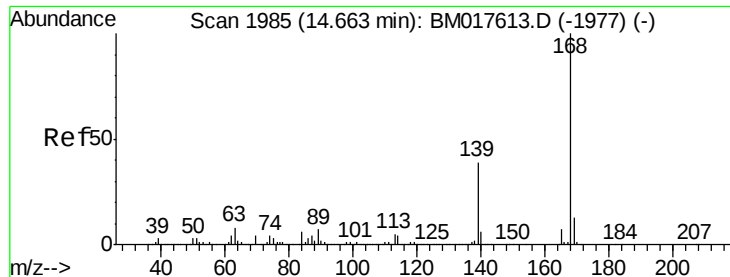
Tgt Ion:138 Resp: 329074
 Ion Ratio Lower Upper
 138 100
 108 10.9 8.2 12.2
 92 119.7 95.4 143.2



#54
 2,4-Dinitrophenol
 Concen: 91.670 ng
 RT: 14.37 min Scan# 1936
 Delta R.T. -0.02 min
 Lab File: BM017853.D
 Acq: 01 Dec 2018 12:55

Tgt Ion:184 Resp: 529220
 Ion Ratio Lower Upper
 184 100
 63 66.8 55.1 82.7
 154 63.0 51.3 76.9

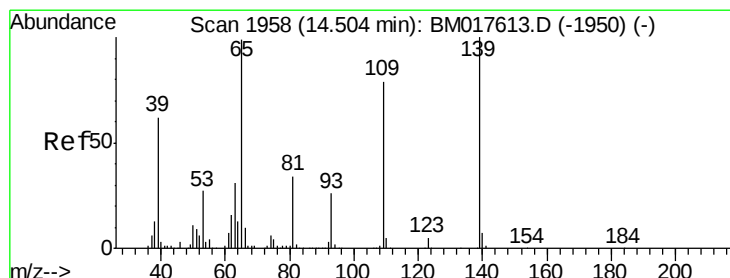
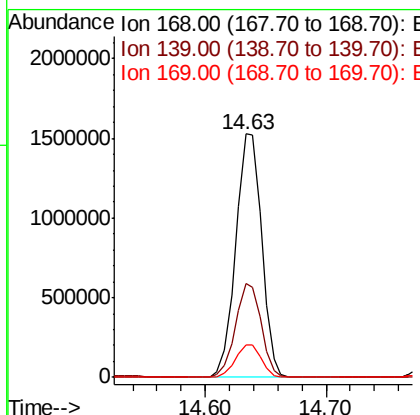
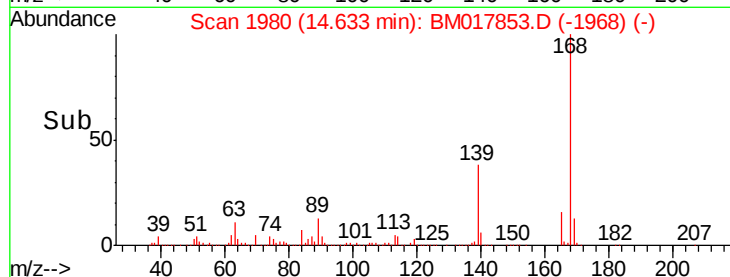
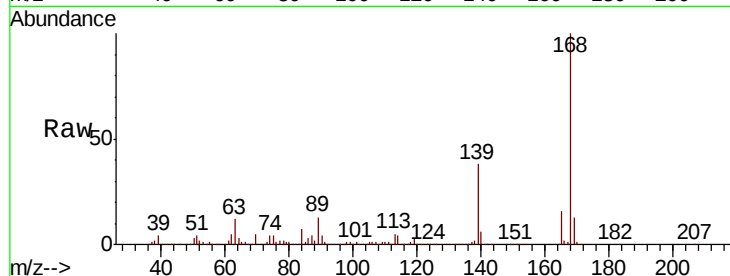




#55
Dibenzenofuran
Concen: 44.169 ng
RT: 14.63 min Scan# 1980
Delta R.T. -0.03 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

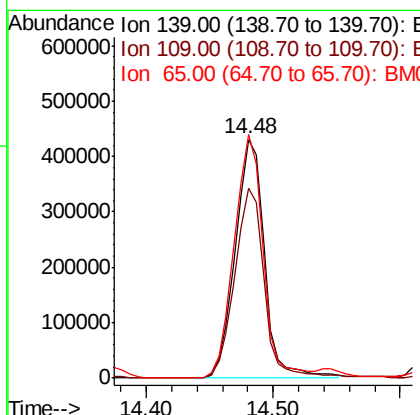
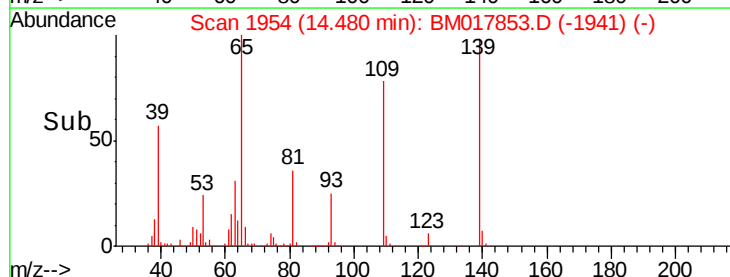
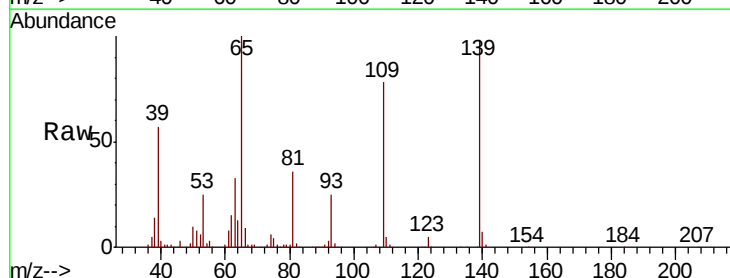
Instrument :
BNA_M
ClientSampleId :
PB115195BS

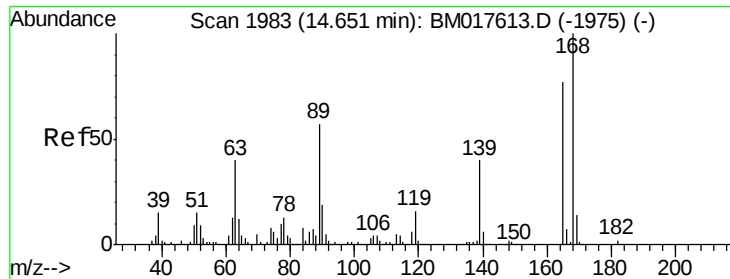
Tgt Ion:168 Resp: 2287591
Ion Ratio Lower Upper
168 100
139 38.3 31.0 46.6
169 13.2 10.6 16.0



#56
4-Nitrophenol
Concen: 80.181 ng
RT: 14.48 min Scan# 1954
Delta R.T. -0.02 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

Tgt Ion:139 Resp: 685439
Ion Ratio Lower Upper
139 100
109 79.7 58.6 98.6
65 101.9 79.5 119.5

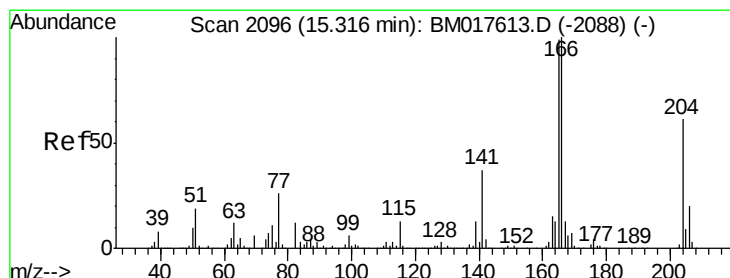
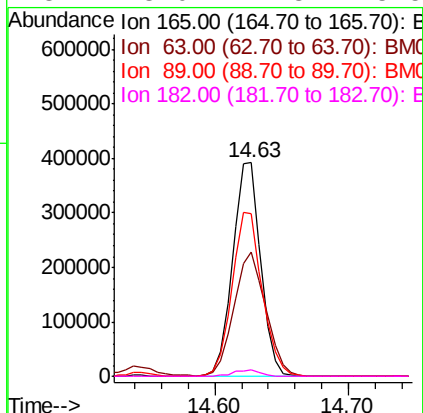
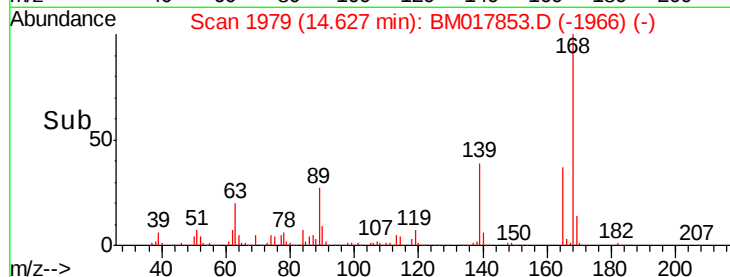
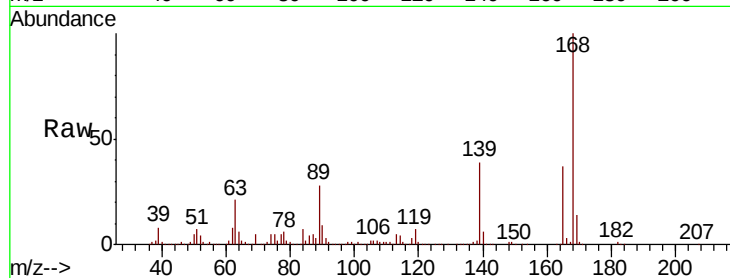




#57
2,4-Dinitrotoluene
Concen: 45.511 ng
RT: 14.63 min Scan# 1979
Delta R.T. -0.02 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

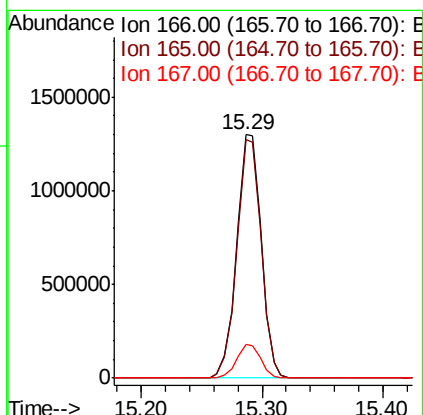
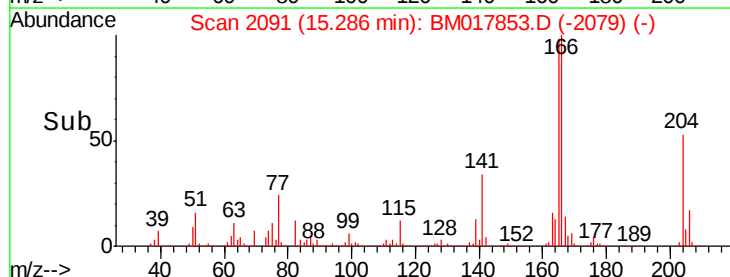
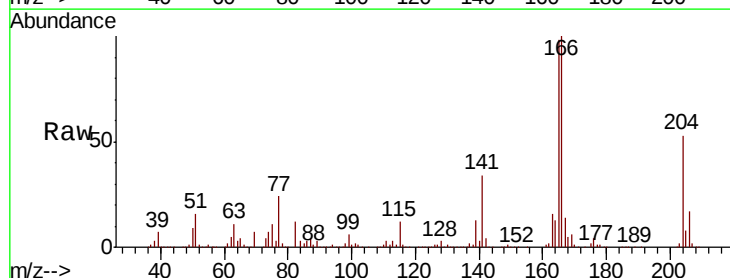
Instrument :
BNA_M
ClientSampleId :
PB115195BS

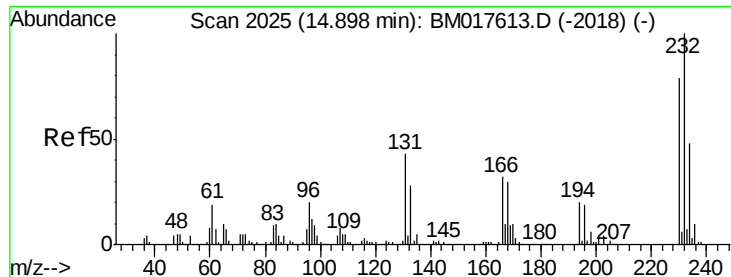
Tgt Ion:165 Resp: 572980
Ion Ratio Lower Upper
165 100
63 58.1 41.8 62.8
89 75.9 59.5 89.3
182 3.0 2.3 3.5



#58
Fluorene
Concen: 46.490 ng
RT: 15.29 min Scan# 2091
Delta R.T. -0.03 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

Tgt Ion:166 Resp: 1843301
Ion Ratio Lower Upper
166 100
165 98.1 79.0 118.6
167 13.9 10.8 16.2

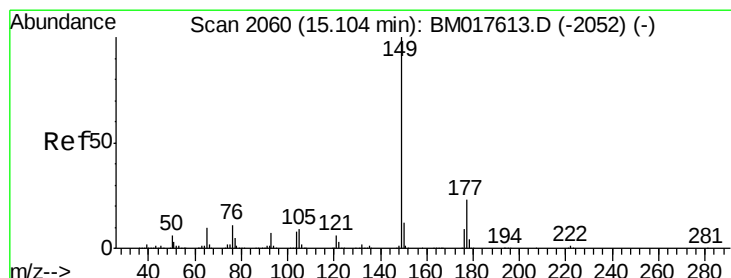
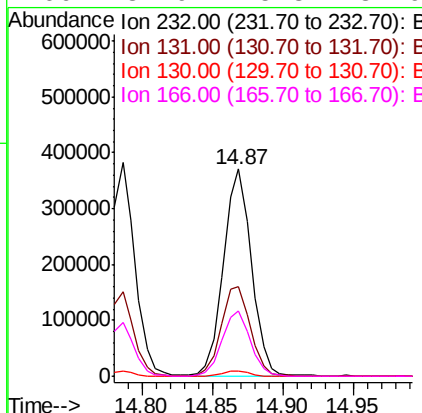
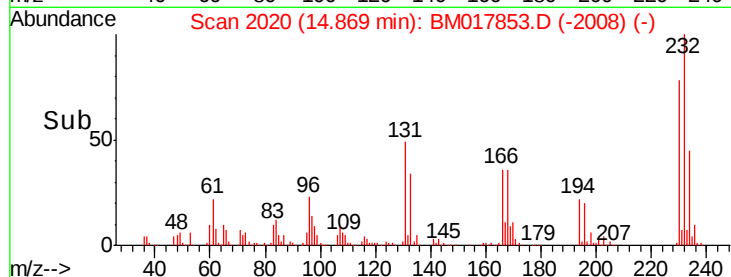
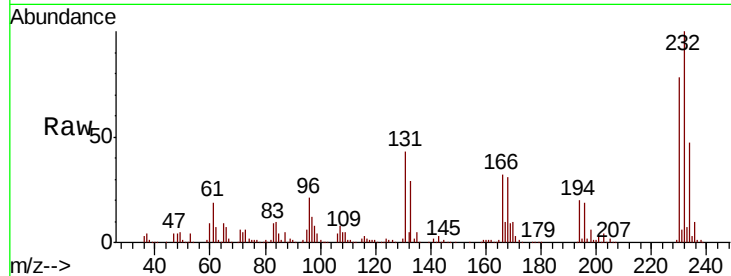




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.994 ng
 RT: 14.87 min Scan# 2020
 Delta R.T. -0.03 min
 Lab File: BM017853.D
 Acq: 01 Dec 2018 12:55

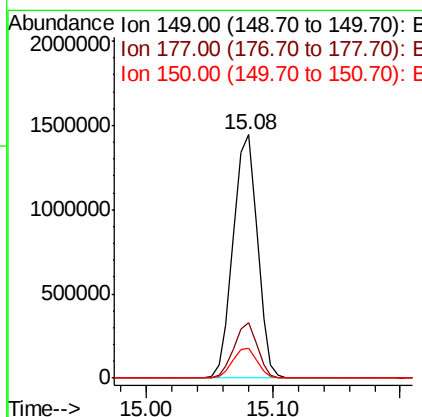
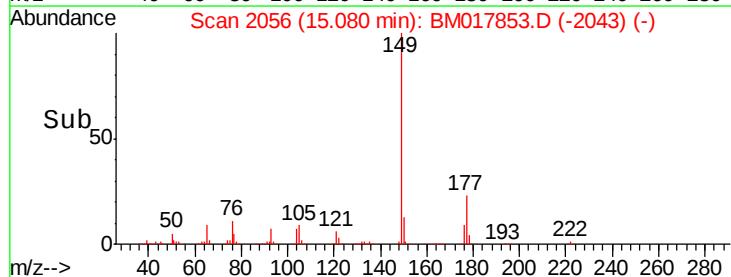
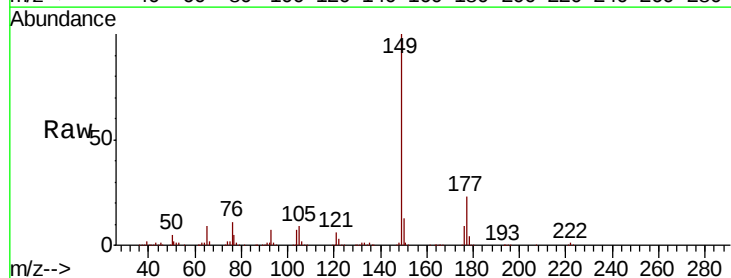
Instrument :
 BNA_M
 ClientSampleId :
 PB115195BS

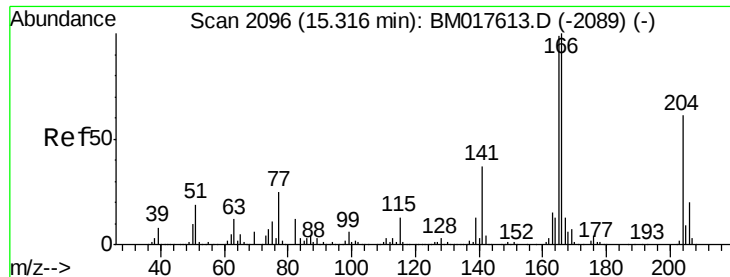
Tgt Ion	Ratio	Lower	Upper
232	100		
131	44.8	34.8	52.2
130	2.5	1.9	2.9
166	31.9	25.3	37.9



#60
 Diethylphthalate
 Concen: 42.051 ng
 RT: 15.08 min Scan# 2056
 Delta R.T. -0.02 min
 Lab File: BM017853.D
 Acq: 01 Dec 2018 12:55

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.1	27.1
150	12.5	9.9	14.9

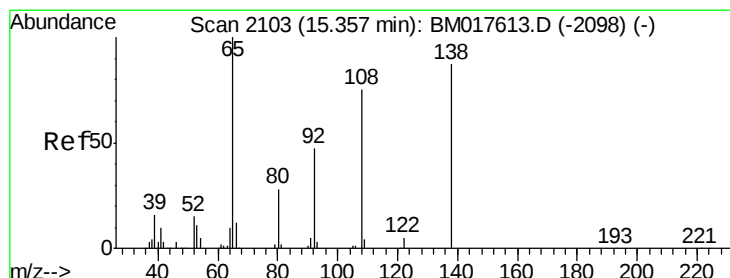
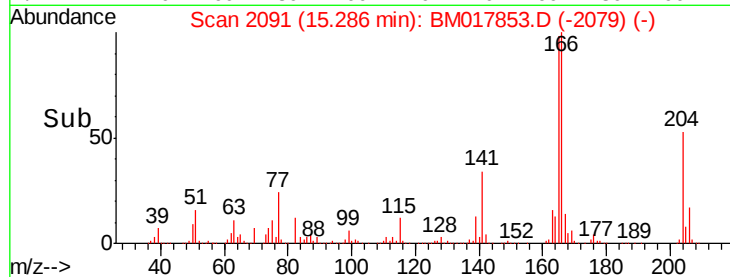
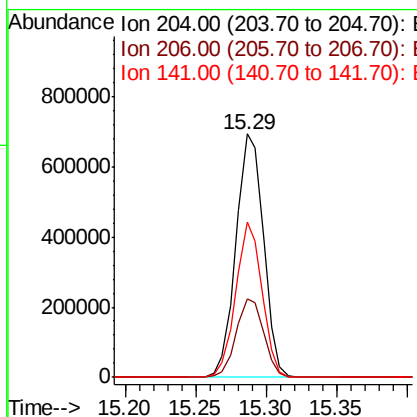
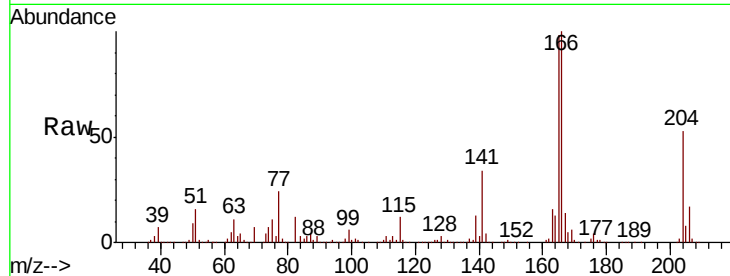




#61
 4-Chlorophenyl-phenylether
 Concen: 41.897 ng
 RT: 15.29 min Scan# 2091
 Delta R.T. -0.03 min
 Lab File: BM017853.D
 Acq: 01 Dec 2018 12:55

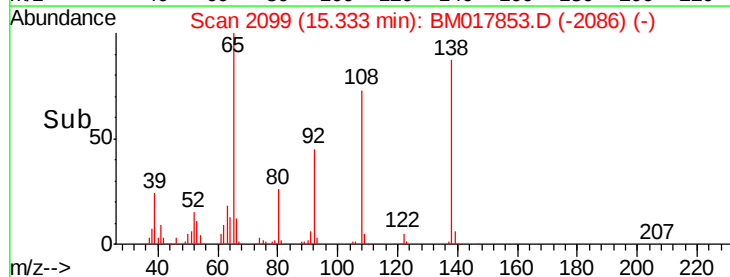
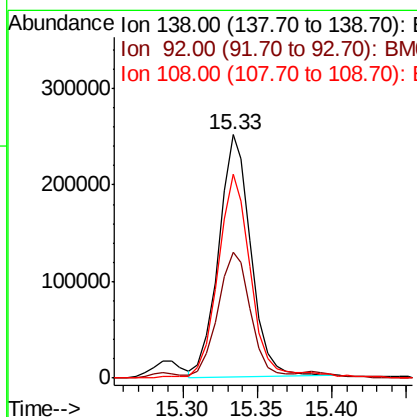
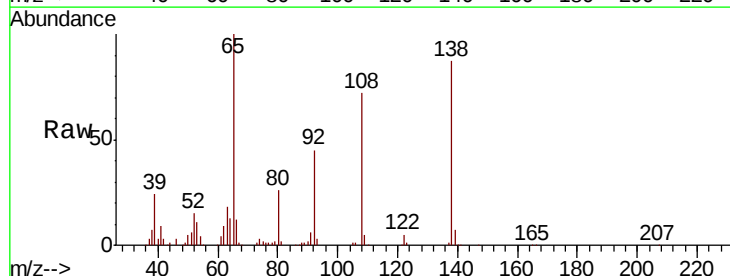
Instrument :
 BNA_M
 ClientSampleId :
 PB115195BS

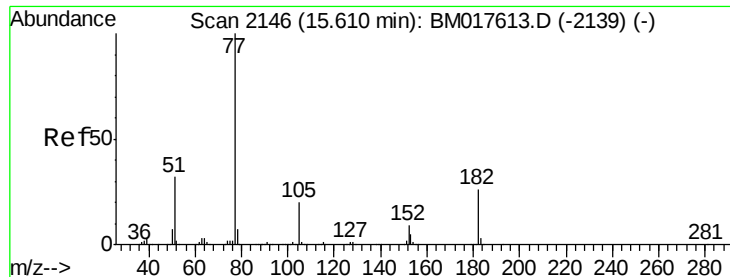
Tgt Ion:204 Resp: 943808
 Ion Ratio Lower Upper
 204 100
 206 32.2 25.9 38.9
 141 64.0 47.9 71.9



#62
 4-Nitroaniline
 Concen: 39.358 ng
 RT: 15.33 min Scan# 2099
 Delta R.T. -0.02 min
 Lab File: BM017853.D
 Acq: 01 Dec 2018 12:55

Tgt Ion:138 Resp: 377187
 Ion Ratio Lower Upper
 138 100
 92 51.8 33.4 73.4
 108 83.6 64.3 104.3





#63

Azobenzene

Concen: 43.593 ng

RT: 15.58 min Scan# 2141

Delta R.T. -0.03 min

Lab File: BM017853.D

Acq: 01 Dec 2018 12:55

Instrument :

BNA_M

ClientSampleId :

PB115195BS

Tgt Ion: 77 Resp: 1826302

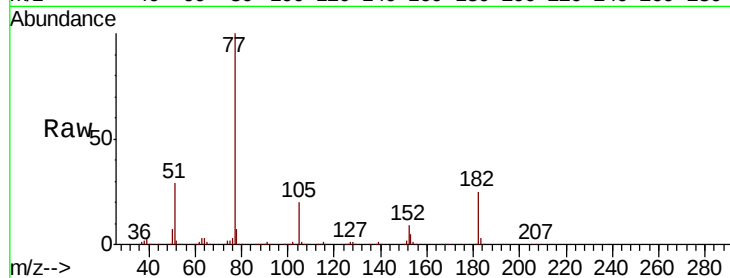
Ion Ratio Lower Upper

77 100

182 24.7 5.8 45.8

105 19.5 0.0 40.0

51 29.3 12.5 52.5



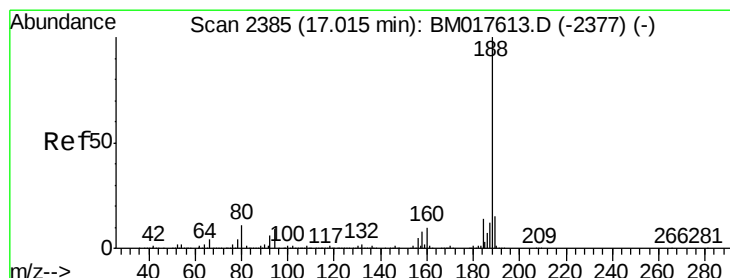
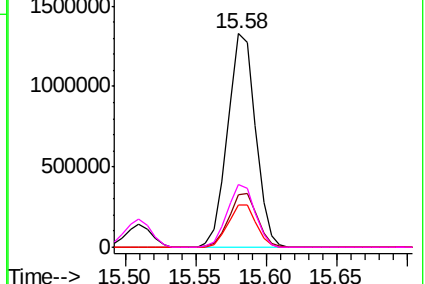
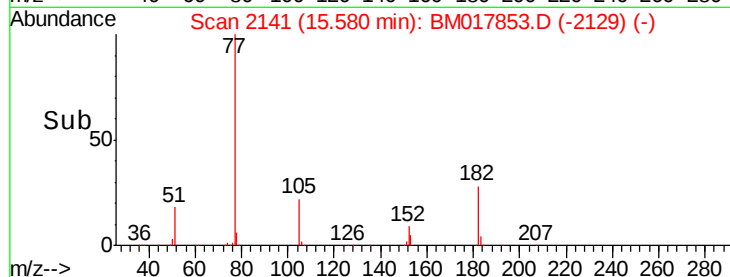
Abundance

Ion 77.00 (76.70 to 77.70): BM017853.D (-2129) (-)

Ion 182.00 (181.70 to 182.70): BM017853.D (-2129) (-)

Ion 105.00 (104.70 to 105.70): BM017853.D (-2129) (-)

Ion 51.00 (50.70 to 51.70): BM017853.D (-2129) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.99 min Scan# 2380

Delta R.T. -0.03 min

Lab File: BM017853.D

Acq: 01 Dec 2018 12:55

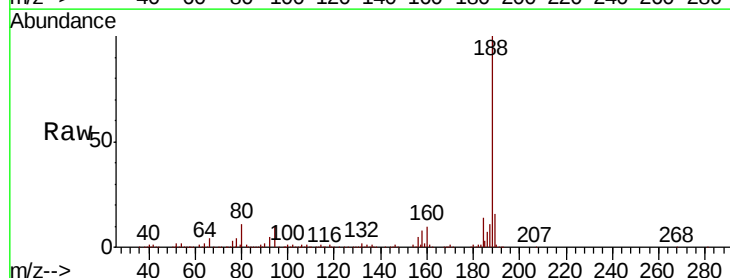
Tgt Ion: 188 Resp: 1026952

Ion Ratio Lower Upper

188 100

94 9.9 7.5 11.3

80 11.2 8.6 13.0

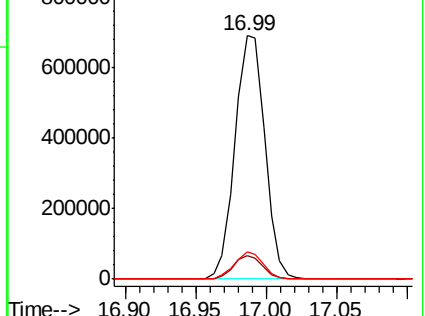
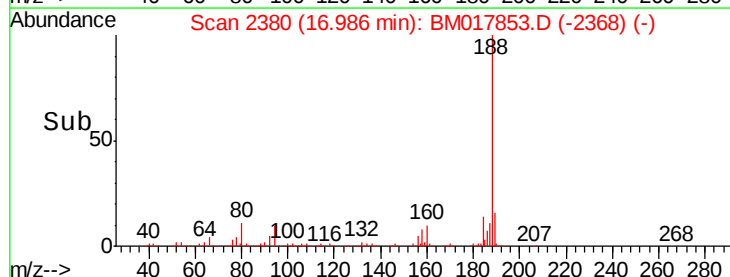


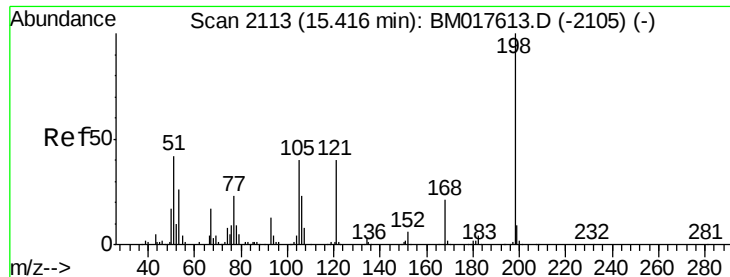
Abundance

Ion 188.00 (187.70 to 188.70): BM017853.D (-2368) (-)

Ion 94.00 (93.70 to 94.70): BM017853.D (-2368) (-)

Ion 80.00 (79.70 to 80.70): BM017853.D (-2368) (-)

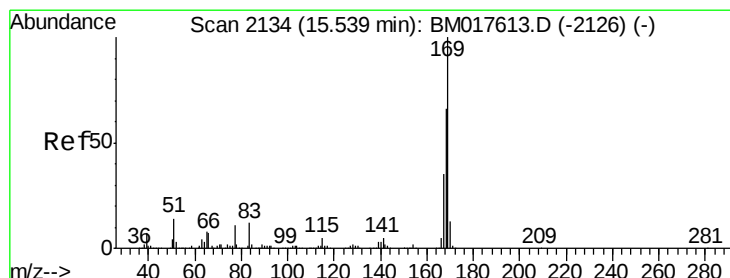
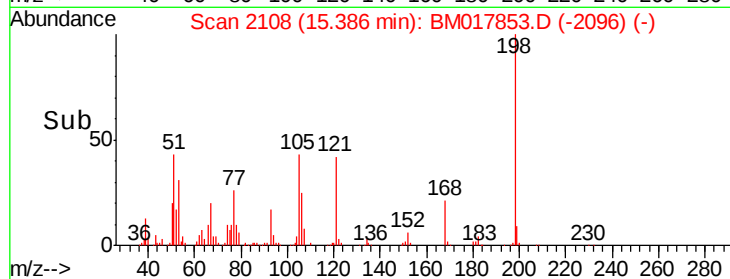
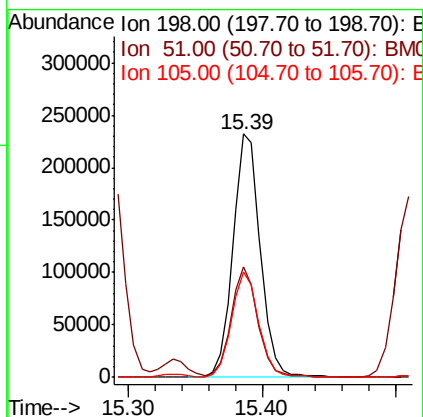
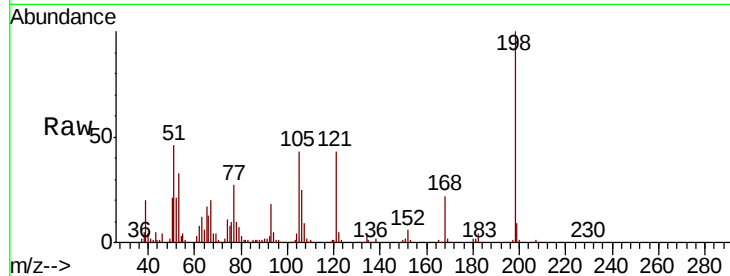




#65
 4,6-Dinitro-2-methylphenol
 Concen: 46.461 ng
 RT: 15.39 min Scan# 2108
 Delta R.T. -0.03 min
 Lab File: BM017853.D
 Acq: 01 Dec 2018 12:55

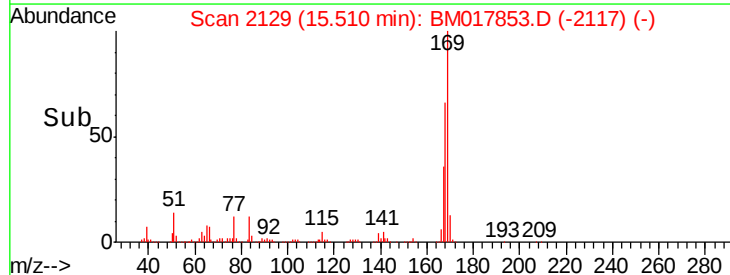
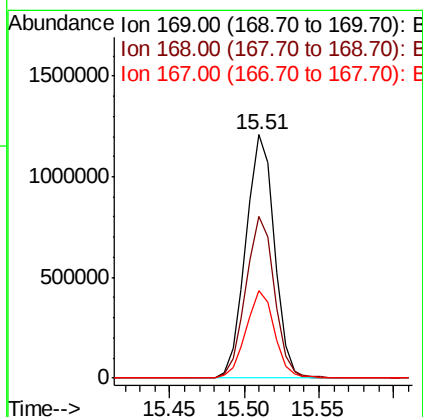
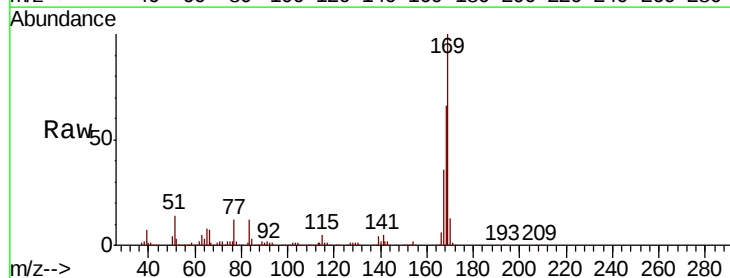
Instrument :
 BNA_M
 ClientSampleId :
 PB115195BS

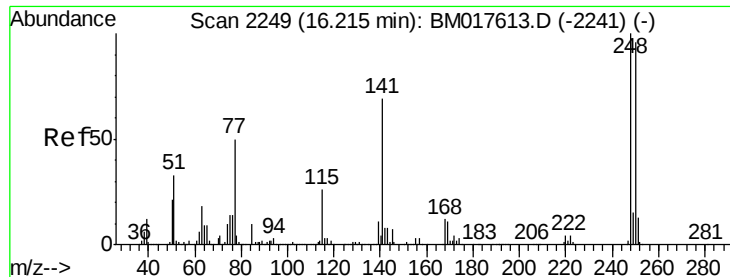
Tgt Ion:198 Resp: 330533
 Ion Ratio Lower Upper
 198 100
 51 45.6 25.9 65.9
 105 43.3 20.6 60.6



#66
 n-Nitrosodiphenylamine
 Concen: 48.308 ng
 RT: 15.51 min Scan# 2129
 Delta R.T. -0.03 min
 Lab File: BM017853.D
 Acq: 01 Dec 2018 12:55

Tgt Ion:169 Resp: 1595013
 Ion Ratio Lower Upper
 169 100
 168 66.3 53.0 79.6
 167 35.8 28.0 42.0

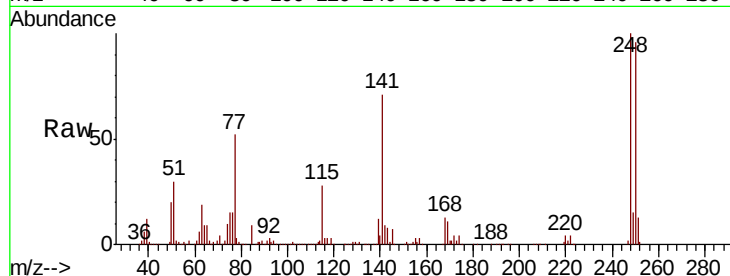




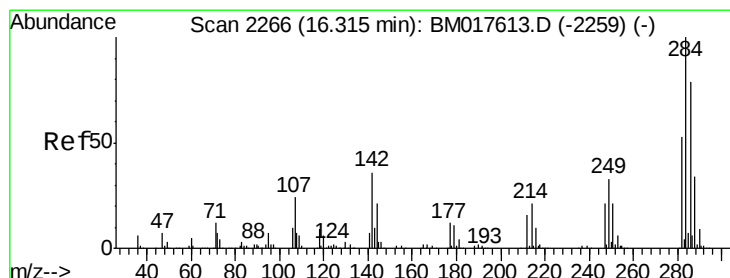
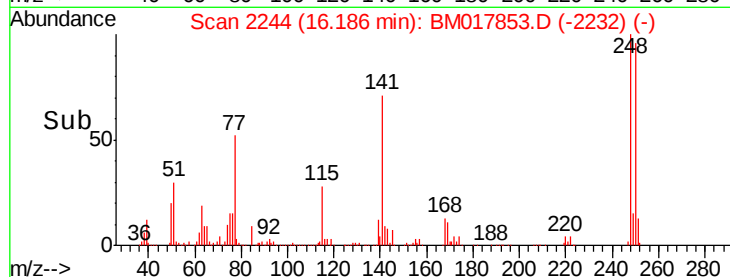
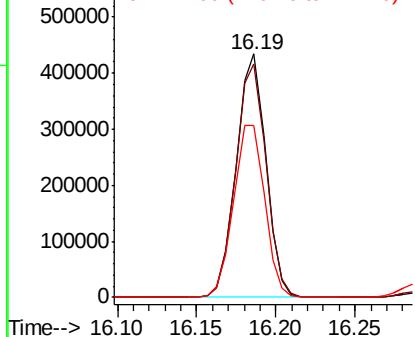
#67
4-Bromophenyl-phenylether
Concen: 46.535 ng
RT: 16.19 min Scan# 2244
Delta R.T. -0.03 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

Instrument :
BNA_M
ClientSampleId :
PB115195BS

Tgt Ion:248 Resp: 565204
Ion Ratio Lower Upper
248 100
250 95.6 76.5 114.7
141 70.6 54.9 82.3

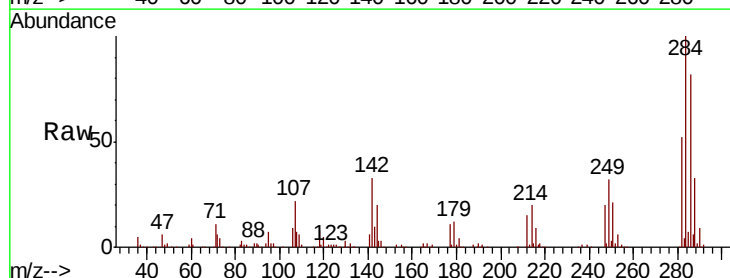


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

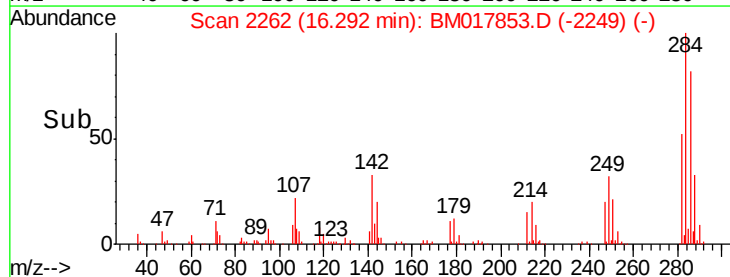
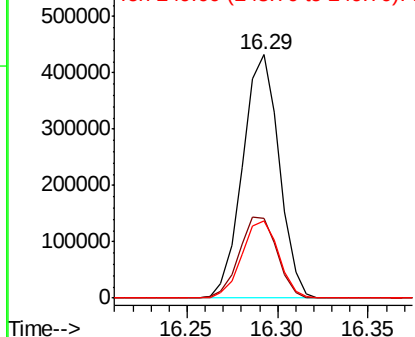


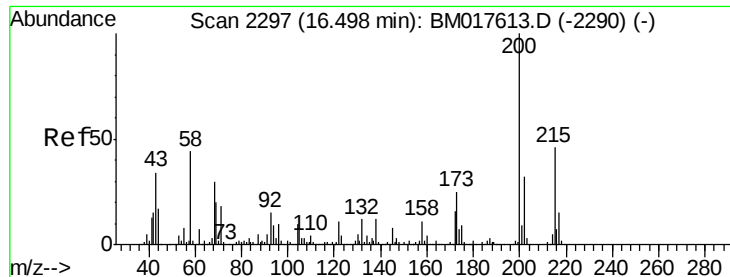
#68
Hexachlorobenzene
Concen: 44.216 ng
RT: 16.29 min Scan# 2262
Delta R.T. -0.02 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

Tgt Ion:284 Resp: 605413
Ion Ratio Lower Upper
284 100
142 32.9 28.4 42.6
249 31.6 26.4 39.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 43.721 ng

RT: 16.47 min Scan# 2293

Delta R.T. -0.02 min

Lab File: BM017853.D

Acq: 01 Dec 2018 12:55

Instrument :

BNA_M

ClientSampleId :

PB115195BS

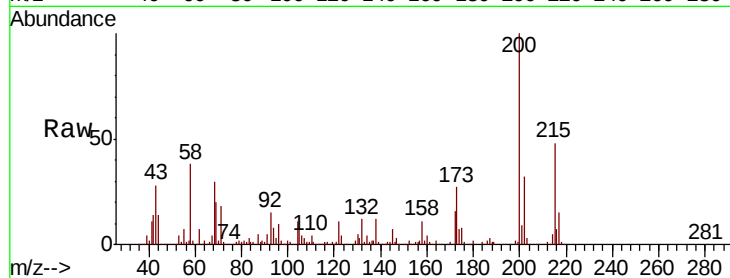
Tgt Ion:200 Resp: 530943

Ion Ratio Lower Upper

200 100

173 26.5 5.1 45.1

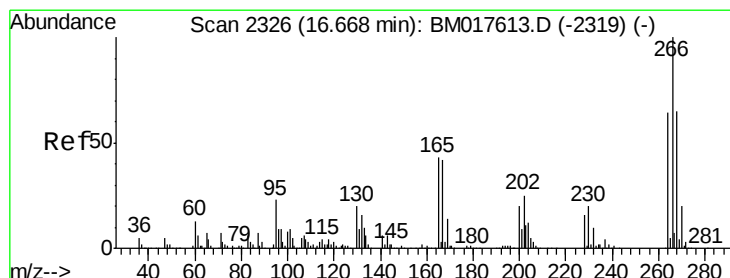
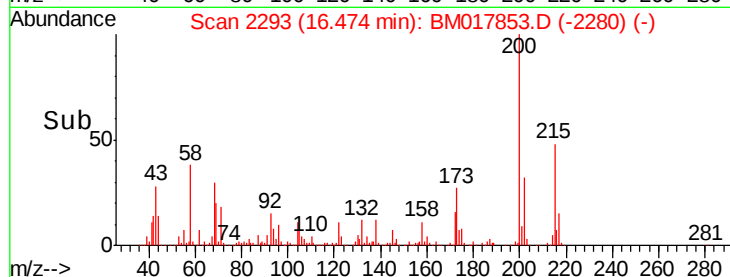
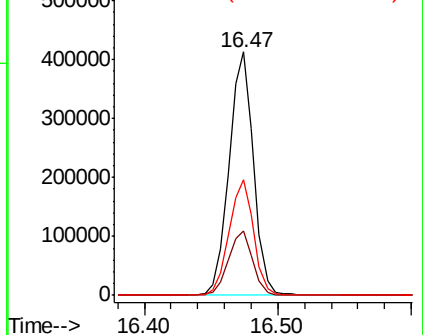
215 47.7 25.8 65.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 78.658 ng

RT: 16.64 min Scan# 2322

Delta R.T. -0.02 min

Lab File: BM017853.D

Acq: 01 Dec 2018 12:55

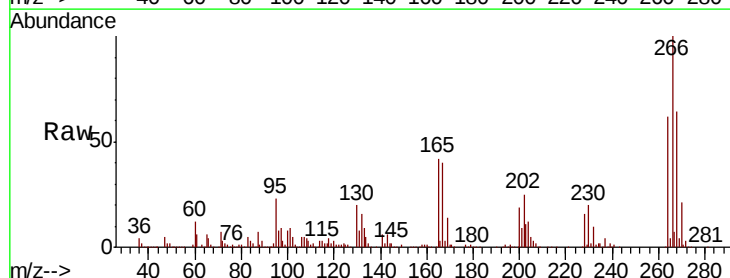
Tgt Ion:266 Resp: 754621

Ion Ratio Lower Upper

266 100

268 64.1 51.7 77.5

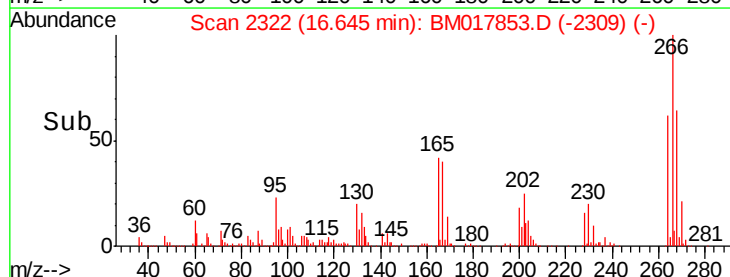
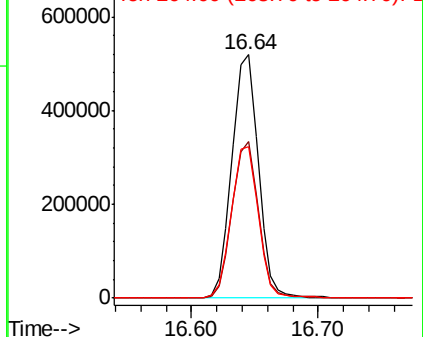
264 62.4 51.3 76.9

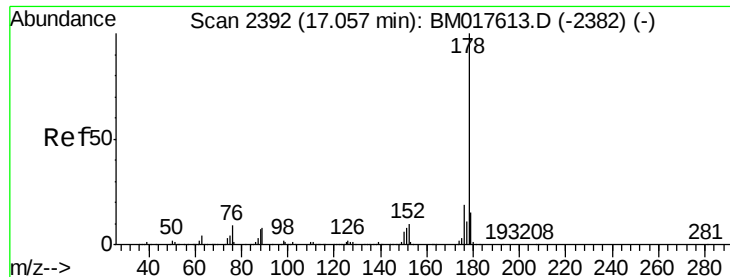


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

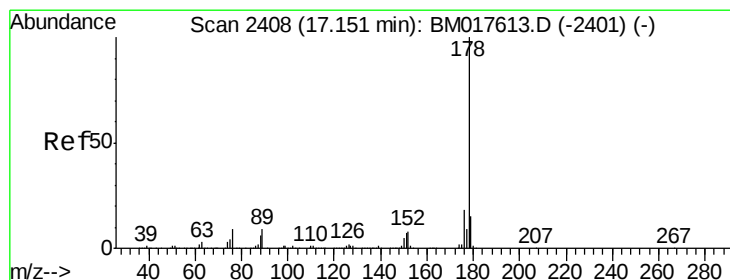
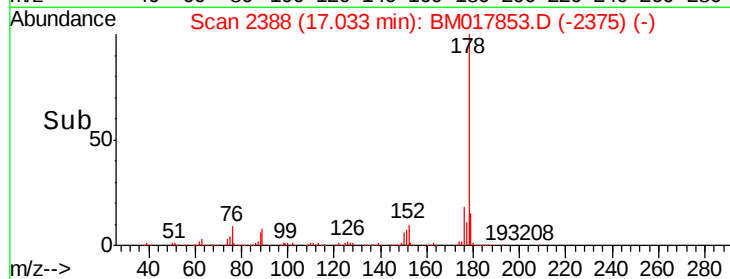
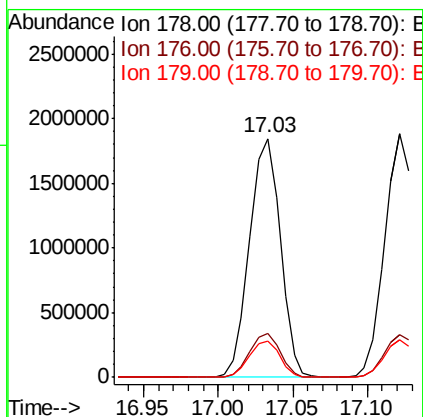
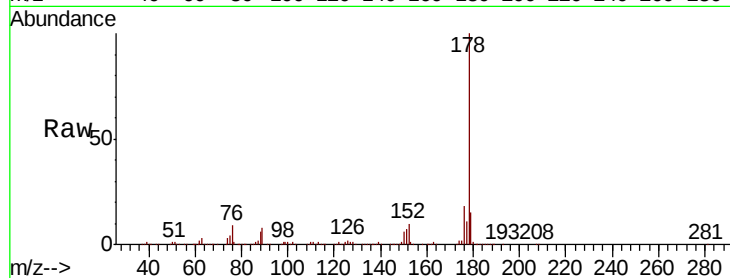




#71
Phenanthrene
Concen: 47.340 ng
RT: 17.03 min Scan# 2388
Delta R.T. -0.02 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

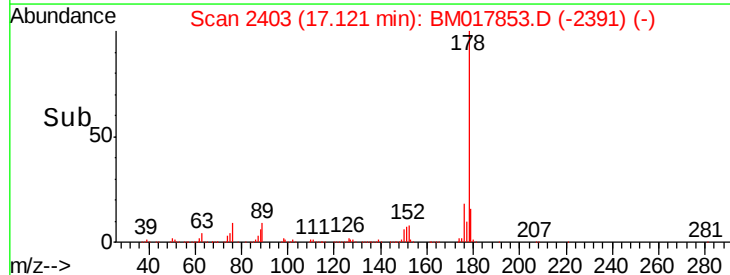
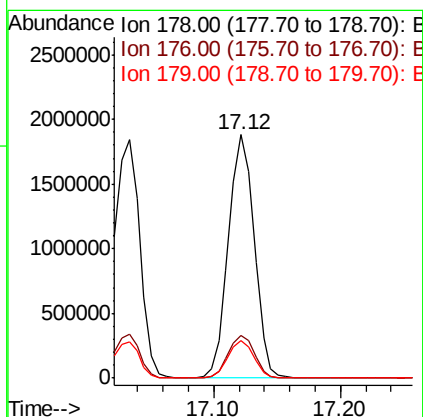
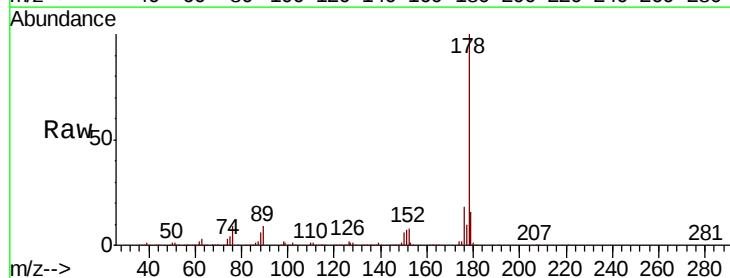
Instrument :
BNA_M
ClientSampleId :
PB115195BS

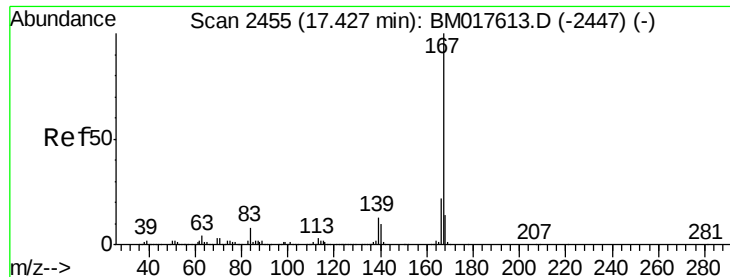
Tgt Ion:178 Resp: 2638014
Ion Ratio Lower Upper
178 100
176 18.3 15.0 22.4
179 15.2 12.4 18.6



#72
Anthracene
Concen: 48.899 ng
RT: 17.12 min Scan# 2403
Delta R.T. -0.03 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

Tgt Ion:178 Resp: 2651537
Ion Ratio Lower Upper
178 100
176 17.6 14.5 21.7
179 15.6 12.3 18.5

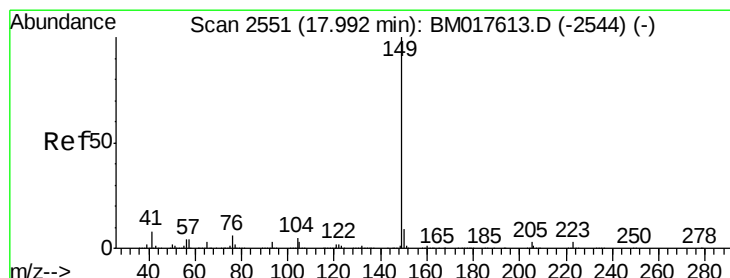
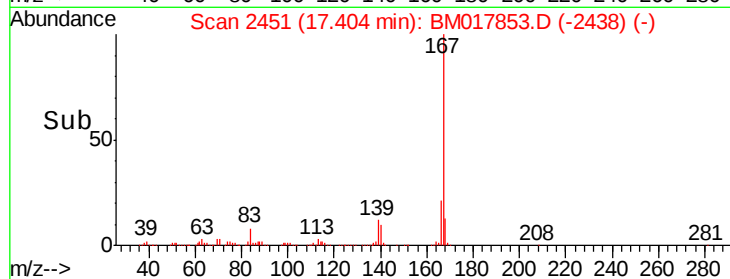
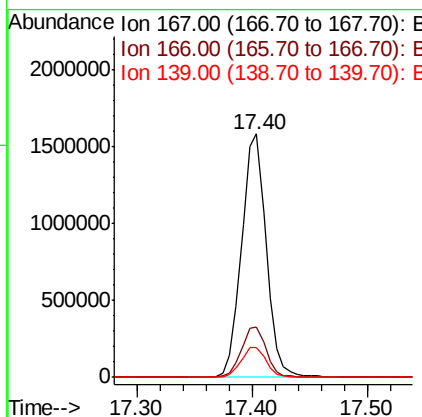
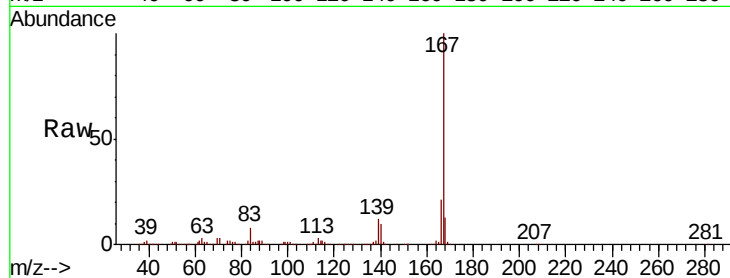




#73
 Carbazole
 Concen: 42.804 ng
 RT: 17.40 min Scan# 2451
 Delta R.T. -0.02 min
 Lab File: BM017853.D
 Acq: 01 Dec 2018 12:55

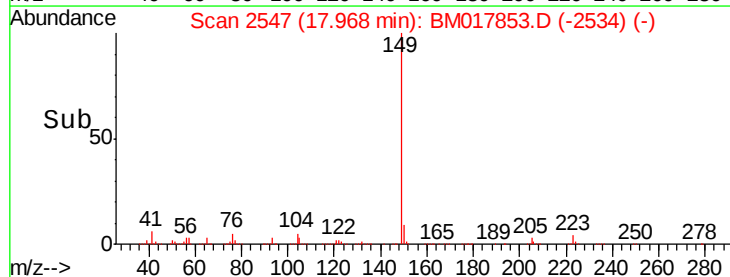
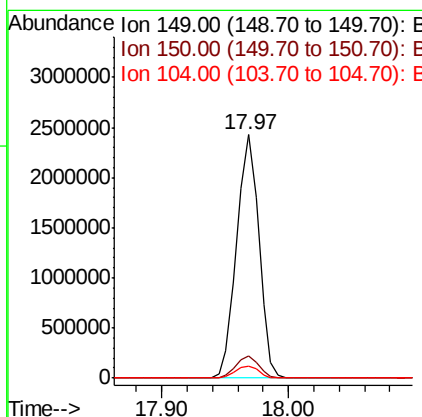
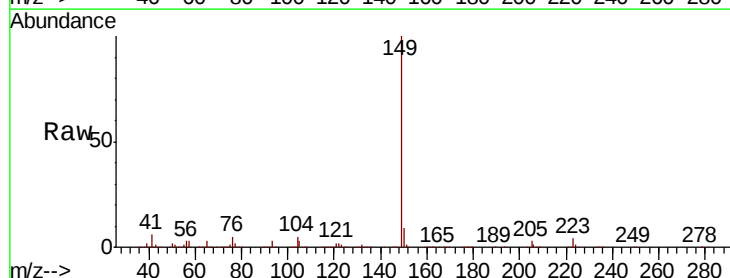
Instrument :
 BNA_M
 ClientSampleId :
 PB115195BS

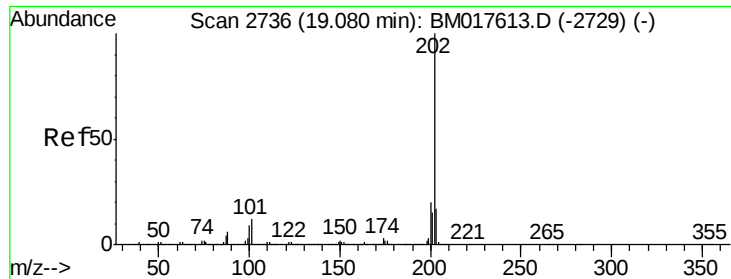
Tgt Ion:167 Resp: 2345414
 Ion Ratio Lower Upper
 167 100
 166 20.7 17.2 25.8
 139 12.4 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 48.291 ng
 RT: 17.97 min Scan# 2547
 Delta R.T. -0.02 min
 Lab File: BM017853.D
 Acq: 01 Dec 2018 12:55

Tgt Ion:149 Resp: 2945591
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.4 11.2
 104 5.1 4.3 6.5





#75

Fluoranthene

Concen: 42.128 ng

RT: 19.06 min Scan# 2732

Delta R.T. -0.02 min

Lab File: BM017853.D

Acq: 01 Dec 2018 12:55

Instrument :

BNA_M

ClientSampleId :

PB115195BS

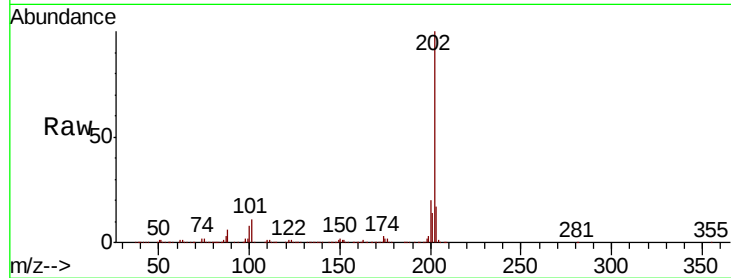
Tgt Ion:202 Resp: 2656211

Ion Ratio Lower Upper

202 100

101 10.9 0.0 31.5

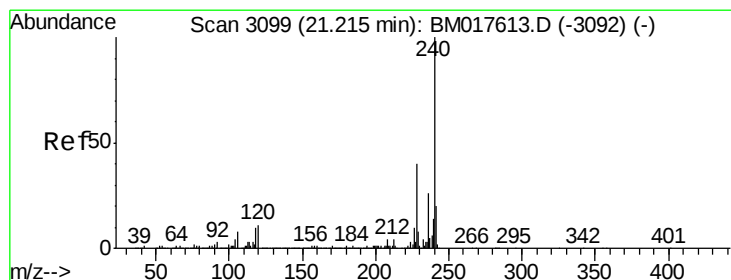
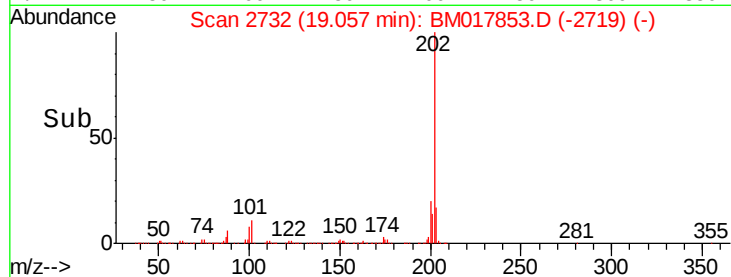
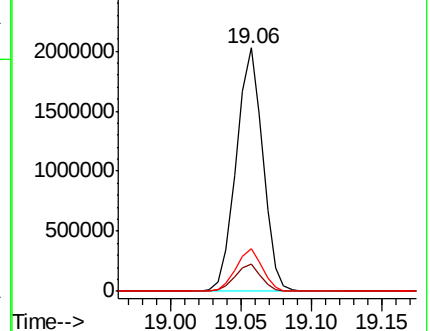
203 17.5 0.0 37.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.19 min Scan# 3095

Delta R.T. -0.02 min

Lab File: BM017853.D

Acq: 01 Dec 2018 12:55

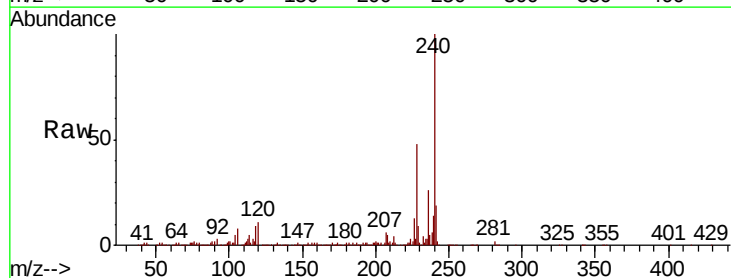
Tgt Ion:240 Resp: 842660

Ion Ratio Lower Upper

240 100

120 10.7 8.5 12.7

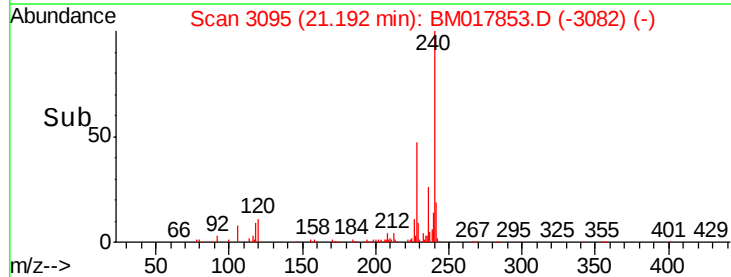
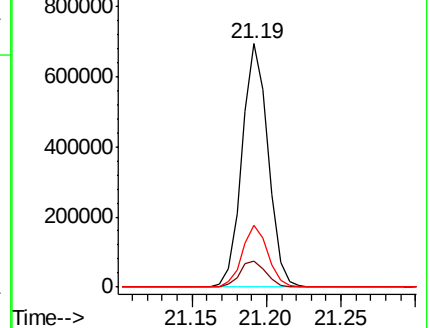
236 25.6 20.4 30.6

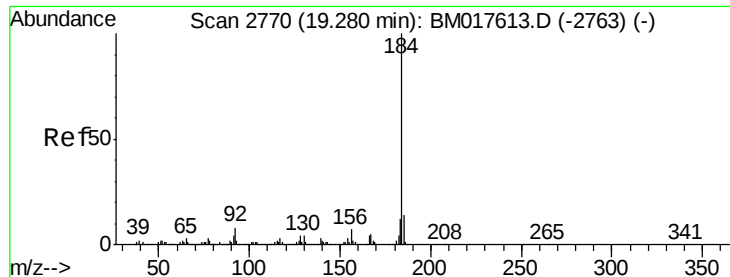


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 36.730 ng

RT: 19.26 min Scan# 2766

Delta R.T. -0.02 min

Lab File: BM017853.D

Acq: 01 Dec 2018 12:55

Instrument :

BNA_M

ClientSampleId :

PB115195BS

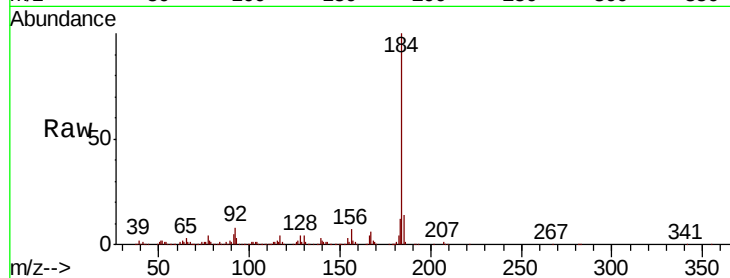
Tgt Ion:184 Resp: 1007883

Ion Ratio Lower Upper

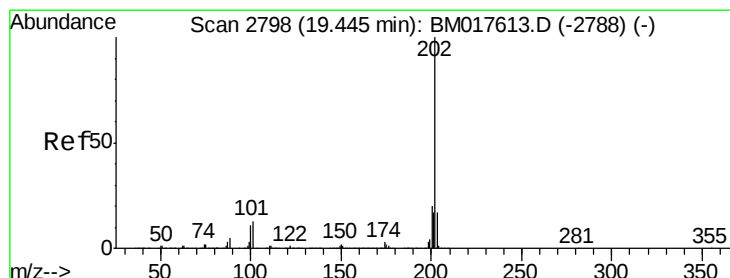
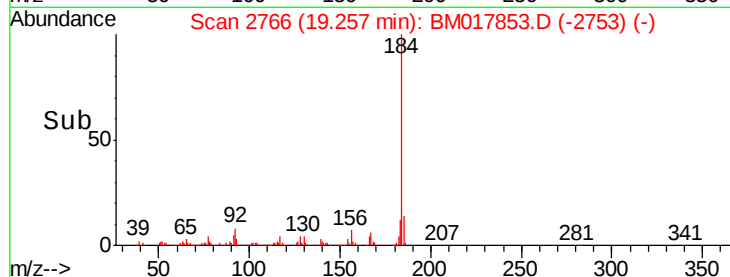
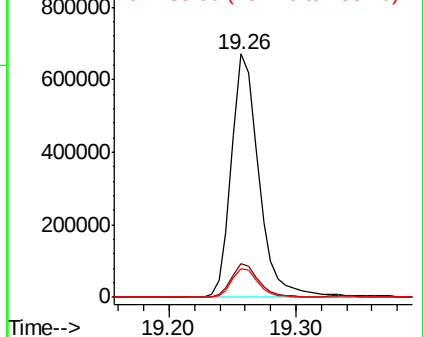
184 100

185 13.9 11.2 16.8

183 11.8 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: 51.399 ng

RT: 19.42 min Scan# 2794

Delta R.T. -0.02 min

Lab File: BM017853.D

Acq: 01 Dec 2018 12:55

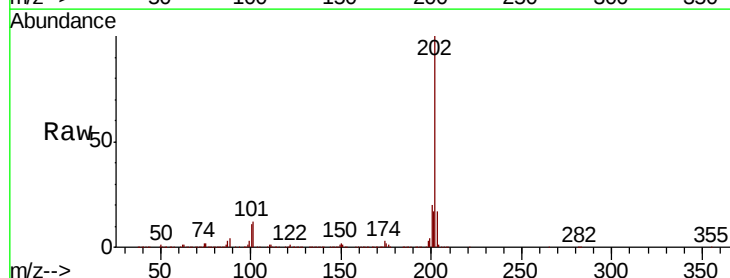
Tgt Ion:202 Resp: 2672378

Ion Ratio Lower Upper

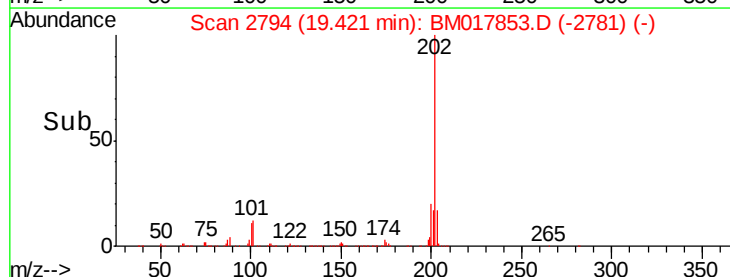
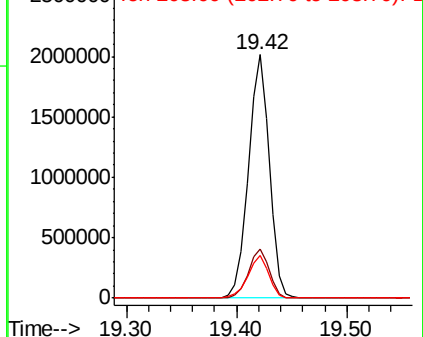
202 100

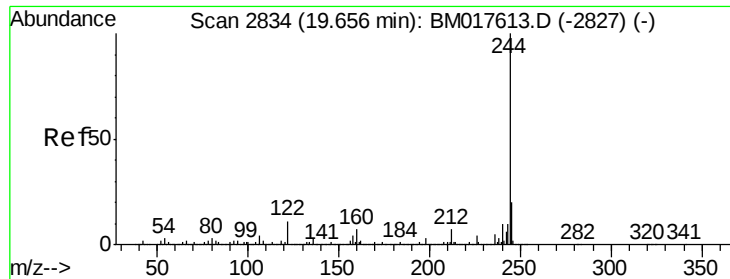
200 20.3 16.4 24.6

203 17.5 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: 81.027 ng

RT: 19.63 min Scan# 2830

Delta R.T. -0.02 min

Lab File: BM017853.D

Acq: 01 Dec 2018 12:55

Instrument :

BNA_M

ClientSampleId :

PB115195BS

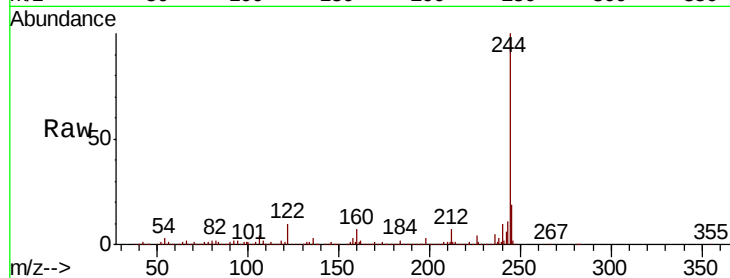
Tgt Ion:244 Resp: 3012597

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

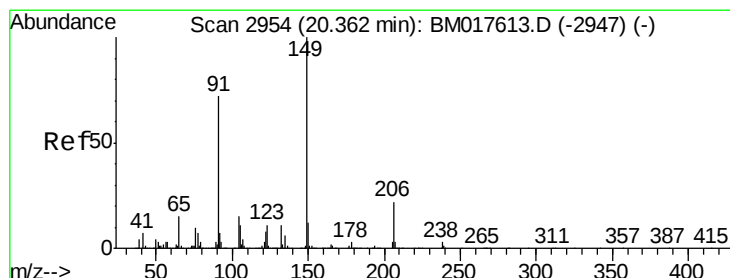
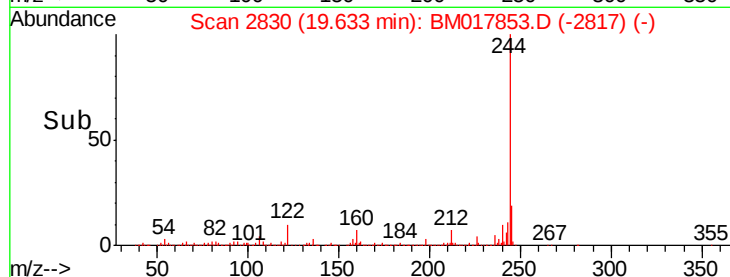
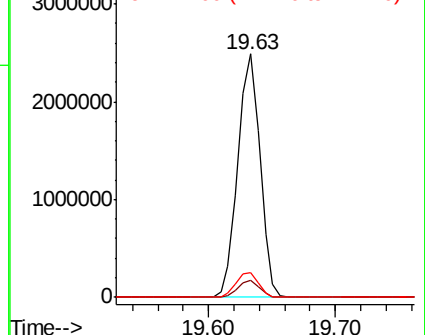
122 9.9 9.0 13.6



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: 52.735 ng

RT: 20.34 min Scan# 2950

Delta R.T. -0.02 min

Lab File: BM017853.D

Acq: 01 Dec 2018 12:55

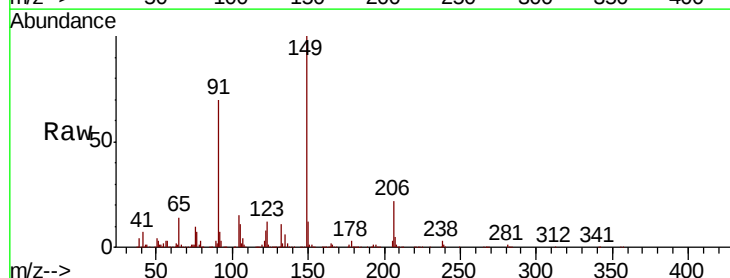
Tgt Ion:149 Resp: 1113631

Ion Ratio Lower Upper

149 100

91 70.4 57.6 86.4

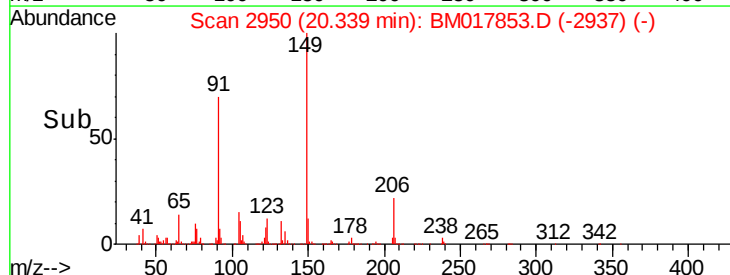
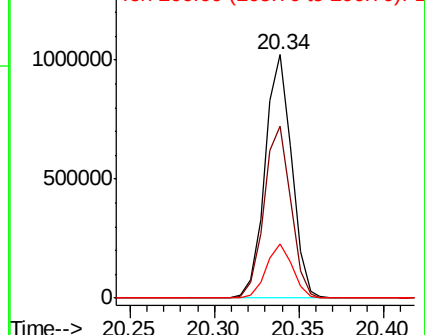
206 22.1 17.4 26.0

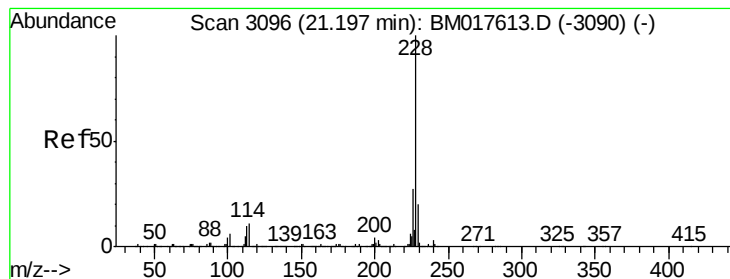


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 47.552 ng

RT: 21.18 min Scan# 3093

Delta R.T. -0.02 min

Lab File: BM017853.D

Acq: 01 Dec 2018 12:55

Instrument :

BNA_M

ClientSampleId :

PB115195BS

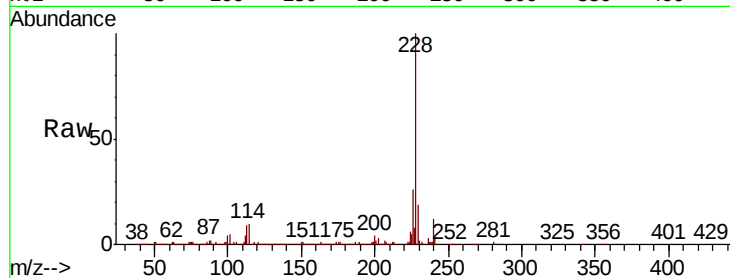
Tgt Ion:228 Resp: 2308510

Ion Ratio Lower Upper

228 100

226 26.3 21.3 31.9

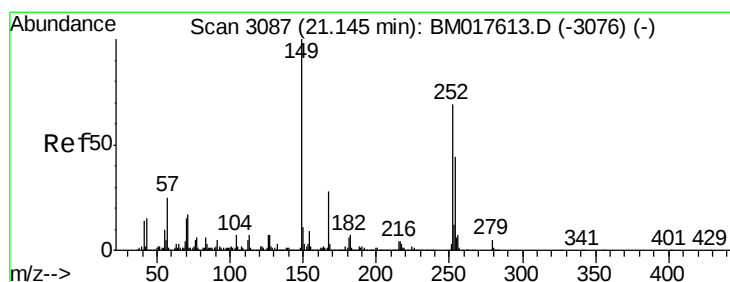
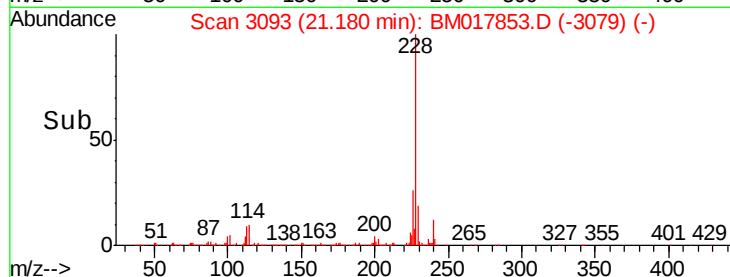
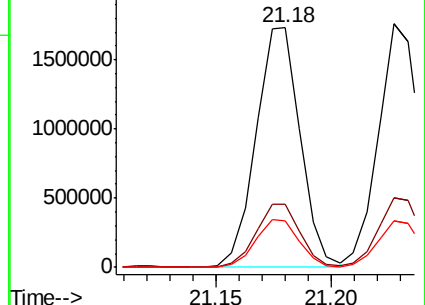
229 19.5 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 41.042 ng

RT: 21.12 min Scan# 3083

Delta R.T. -0.02 min

Lab File: BM017853.D

Acq: 01 Dec 2018 12:55

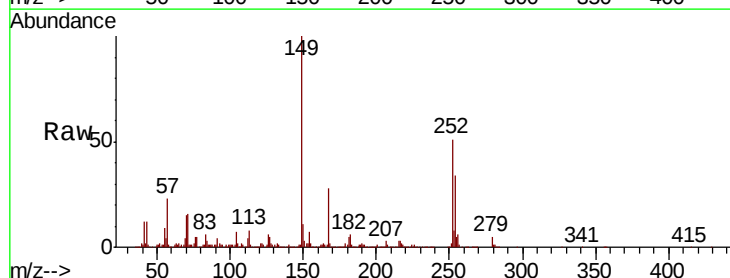
Tgt Ion:252 Resp: 768986

Ion Ratio Lower Upper

252 100

254 66.0 51.4 77.2

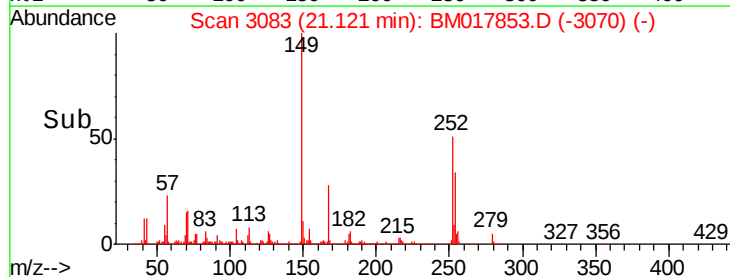
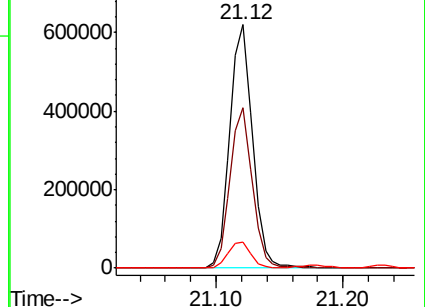
126 10.9 8.0 12.0

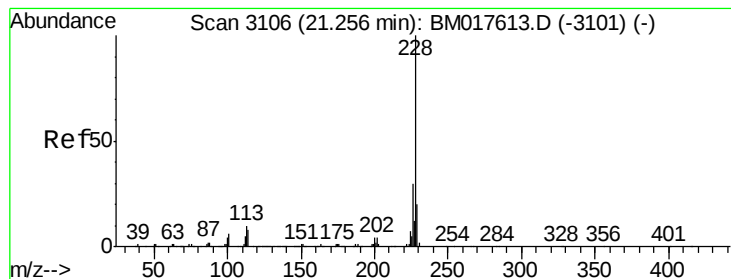


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 46.598 ng

RT: 21.23 min Scan# 3101

Delta R.T. -0.03 min

Lab File: BM017853.D

Acq: 01 Dec 2018 12:55

Instrument :

BNA_M

ClientSampleId :

PB115195BS

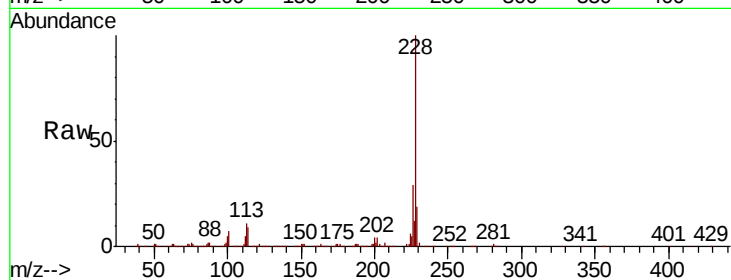
Tgt Ion:228 Resp: 2197187

Ion Ratio Lower Upper

228 100

226 28.8 23.6 35.4

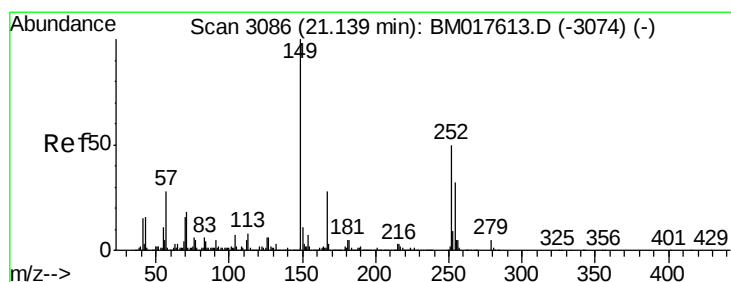
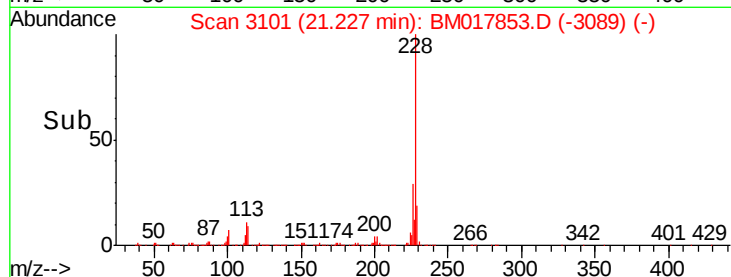
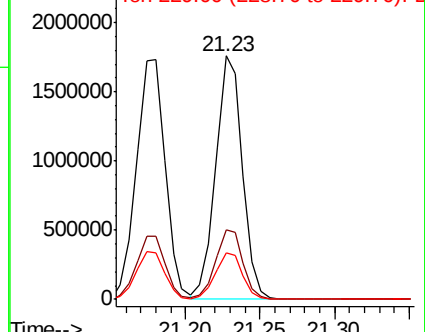
229 19.3 15.8 23.6



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: 49.305 ng

RT: 21.12 min Scan# 3082

Delta R.T. -0.02 min

Lab File: BM017853.D

Acq: 01 Dec 2018 12:55

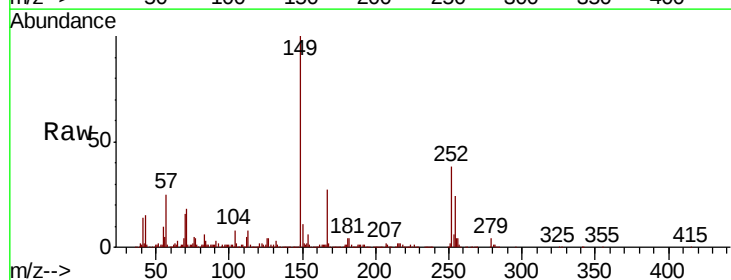
Tgt Ion:149 Resp: 1539242

Ion Ratio Lower Upper

149 100

167 27.3 22.2 33.4

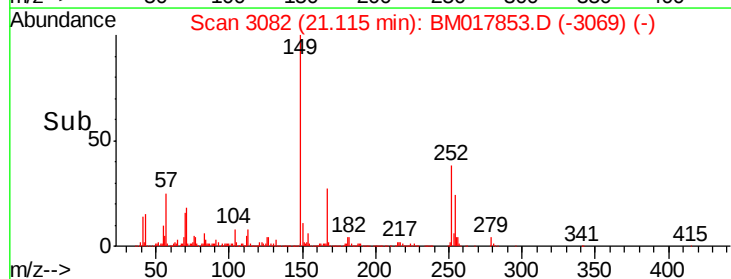
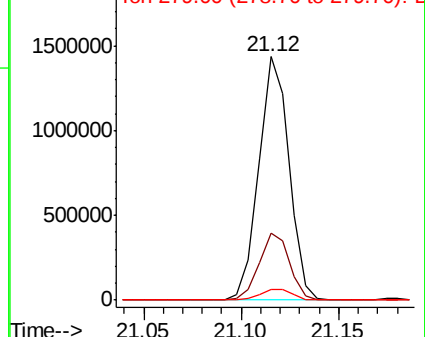
279 4.1 3.7 5.5

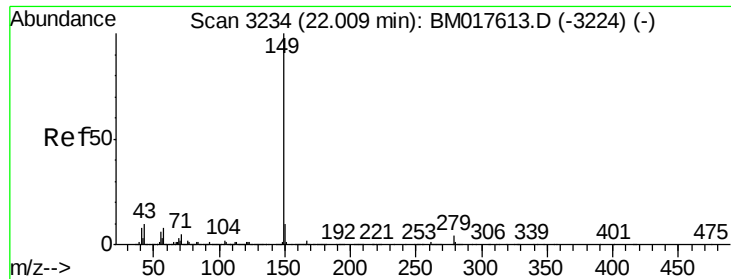


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 48.860 ng

RT: 21.99 min Scan# 3230

Delta R.T. -0.02 min

Lab File: BM017853.D

Acq: 01 Dec 2018 12:55

Instrument :

BNA_M

ClientSampleId :

PB115195BS

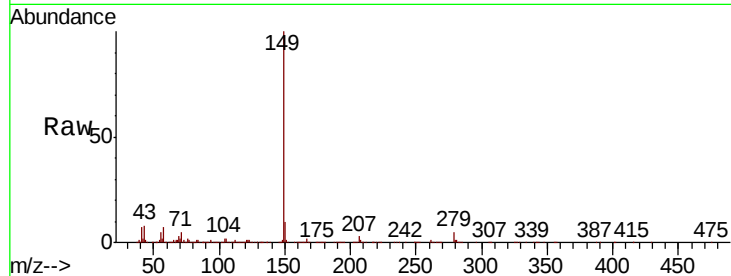
Tgt Ion:149 Resp: 2442481

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

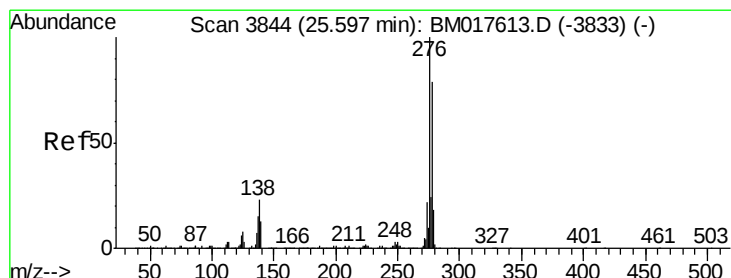
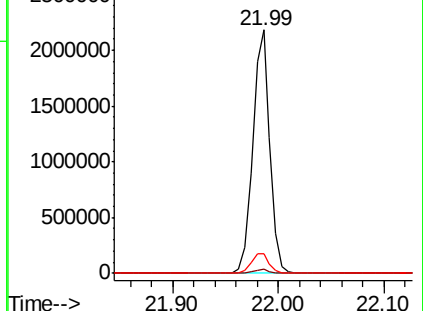
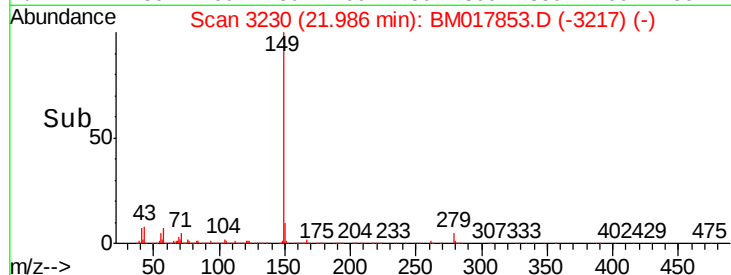
43 8.7 8.3 12.5



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: 69.668 ng

RT: 25.55 min Scan# 3836

Delta R.T. -0.05 min

Lab File: BM017853.D

Acq: 01 Dec 2018 12:55

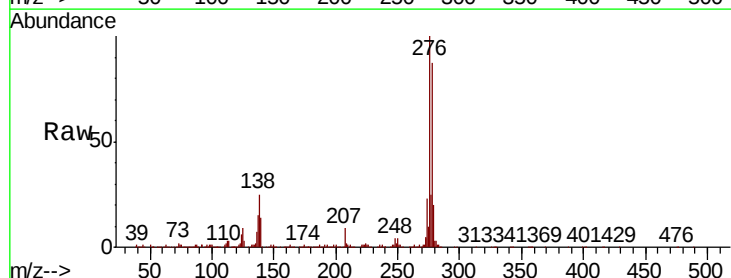
Tgt Ion:276 Resp: 2625063

Ion Ratio Lower Upper

276 100

138 23.5 19.1 28.7

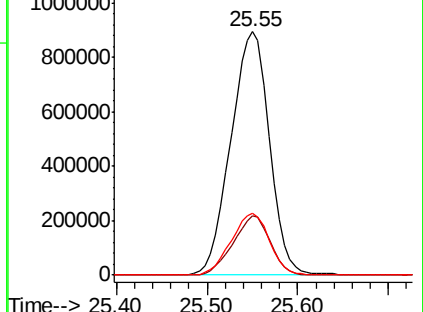
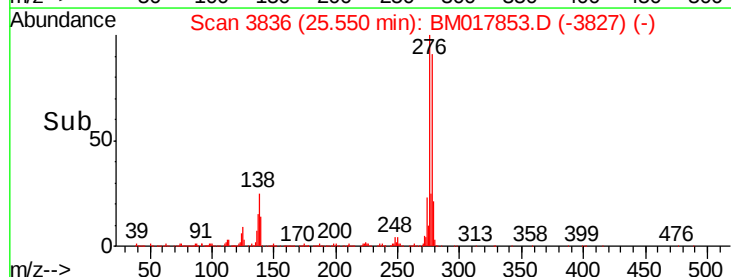
277 25.1 20.0 30.0

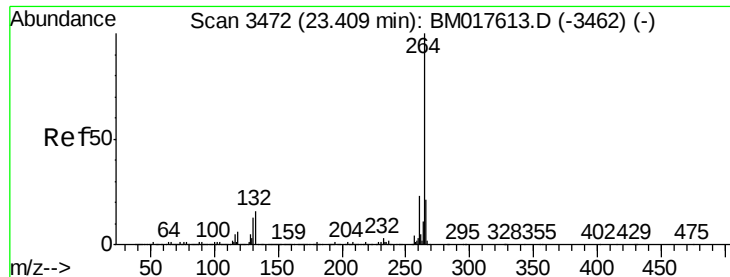


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.37 min Scan# 3466

Delta R.T. -0.04 min

Lab File: BM017853.D

Acq: 01 Dec 2018 12:55

Instrument :

BNA_M

ClientSampleId :

PB115195BS

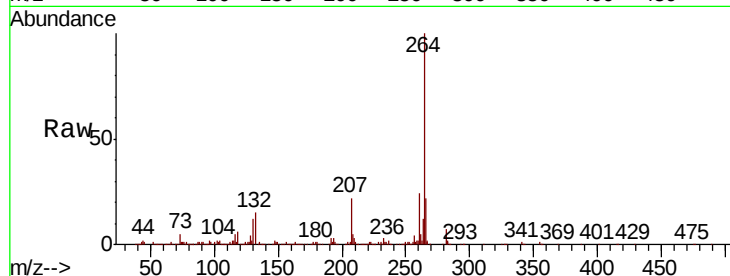
Tgt Ion:264 Resp: 699970

Ion Ratio Lower Upper

264 100

260 23.6 18.2 27.2

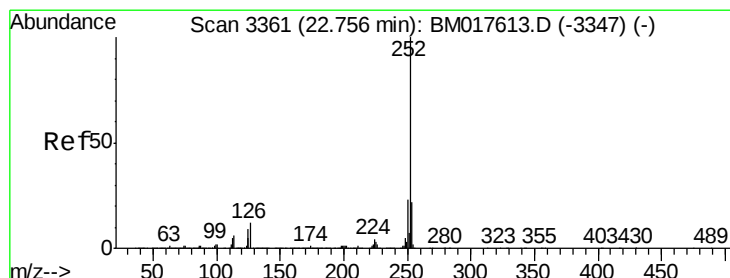
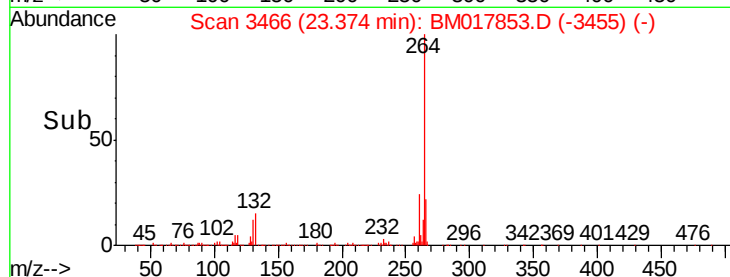
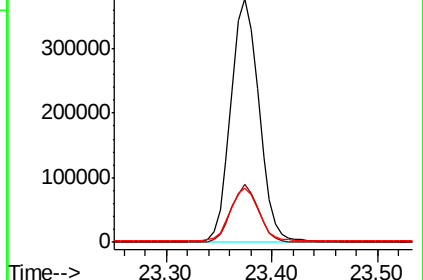
265 22.3 17.5 26.3



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: 54.237 ng

RT: 22.73 min Scan# 3356

Delta R.T. -0.03 min

Lab File: BM017853.D

Acq: 01 Dec 2018 12:55

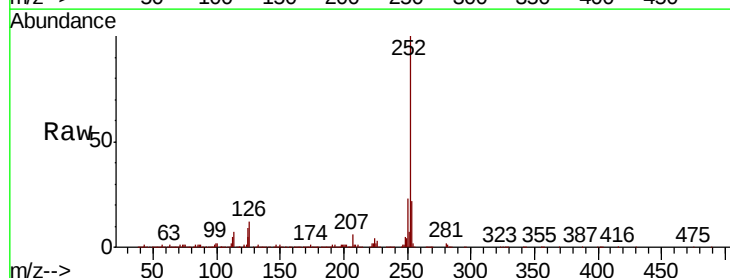
Tgt Ion:252 Resp: 2223313

Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

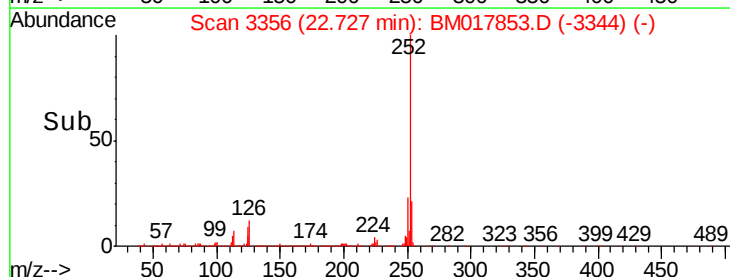
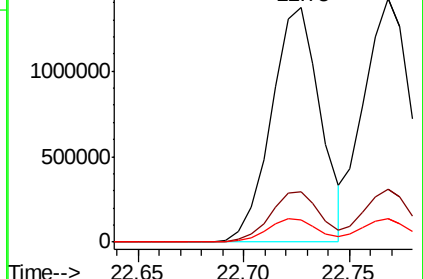
125 9.3 7.6 11.4

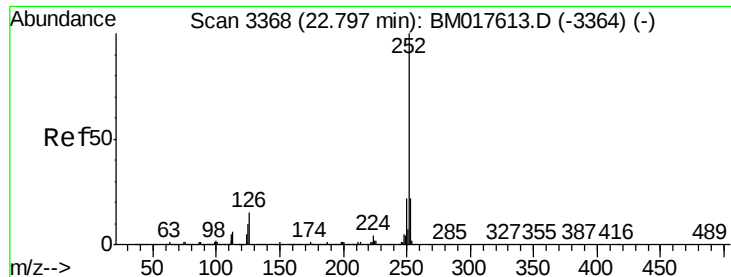


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

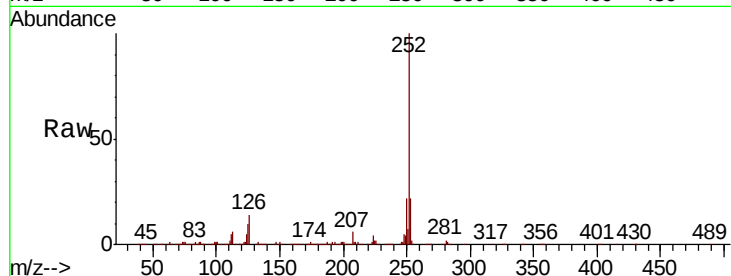




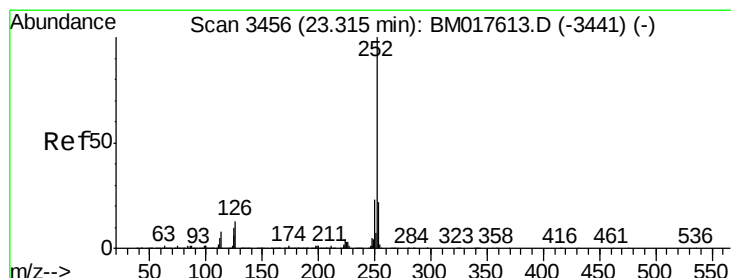
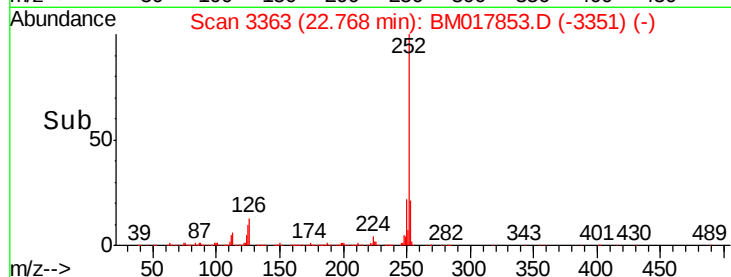
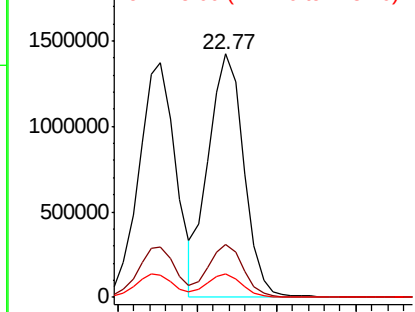
#89
Benzo(k)fluoranthene
Concen: 53.527 ng
RT: 22.77 min Scan# 3363
Delta R.T. -0.03 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

Instrument :
BNA_M
ClientSampleId :
PB115195BS

Tgt Ion:252 Resp: 2217748
Ion Ratio Lower Upper
252 100
253 21.6 17.7 26.5
125 9.8 7.9 11.9

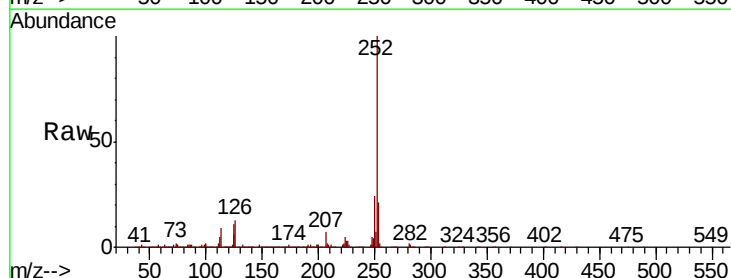


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

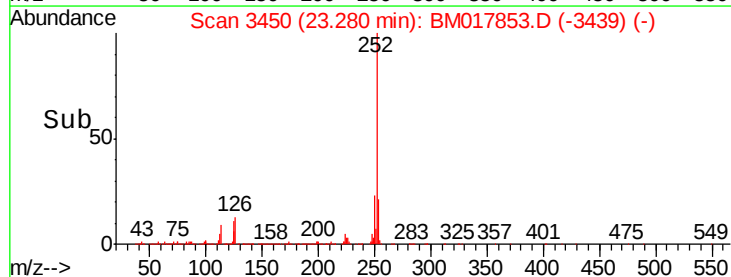
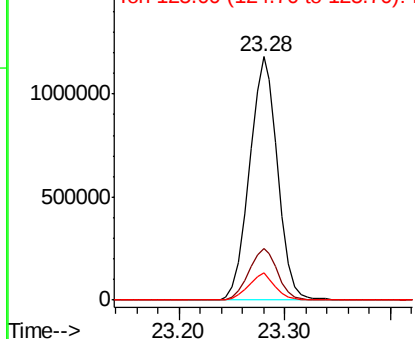


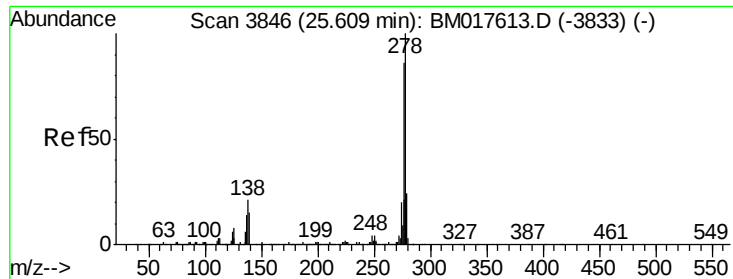
#90
Benzo(a)pyrene
Concen: 58.090 ng
RT: 23.28 min Scan# 3450
Delta R.T. -0.04 min
Lab File: BM017853.D
Acq: 01 Dec 2018 12:55

Tgt Ion:252 Resp: 2171213
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.2
125 11.1 8.2 12.2



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





#91

Dibenzo(a,h)anthracene

Concen: 71.283 ng

RT: 25.56 min Scan# 3837

Delta R.T. -0.05 min

Lab File: BM017853.D

Acq: 01 Dec 2018 12:55

Instrument :

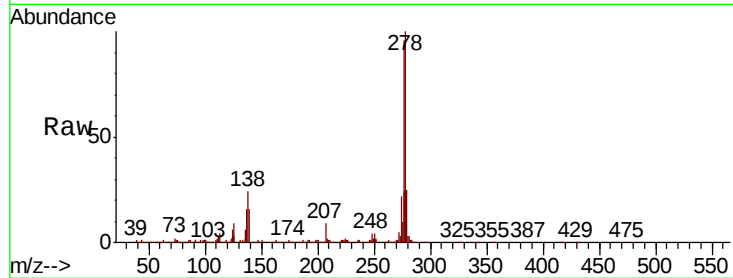
BNA_M

ClientSampleId :

PB115195BS

Tgt Ion:278 Resp: 2239917

Ion	Ratio	Lower	Upper
278	100		
139	15.7	11.8	17.6
279	24.7	19.0	28.6

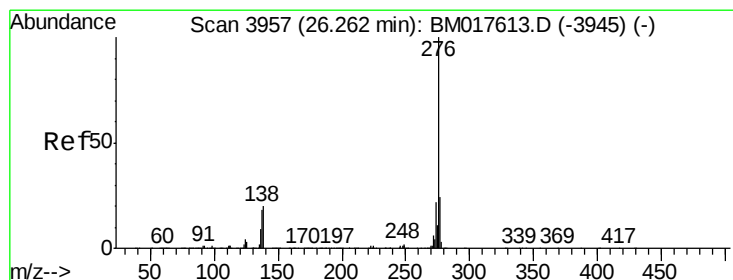
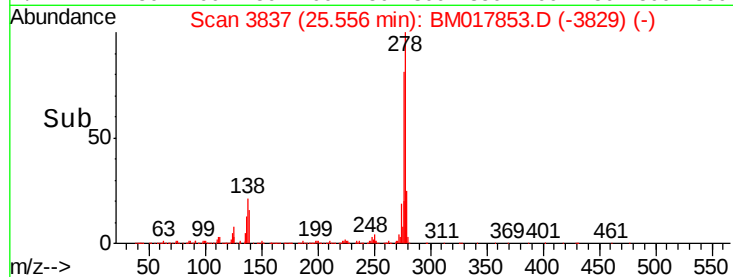
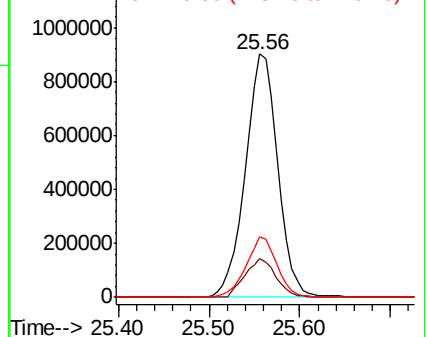


Abundance

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: 75.436 ng

RT: 26.21 min Scan# 3948

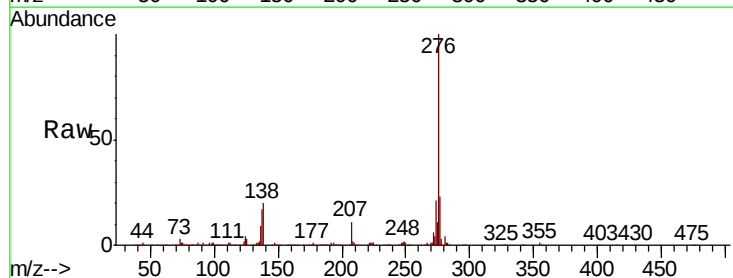
Delta R.T. -0.05 min

Lab File: BM017853.D

Acq: 01 Dec 2018 12:55

Tgt Ion:276 Resp: 2229076

Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.0	28.4
138	20.0	15.9	23.9



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

