

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021119\
 Data File : BM018760.D
 Acq On : 11 Feb 2019 16:21
 Operator : JU/SJ
 Sample : PB116995BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB116995BS

Quant Time: Feb 12 00:42:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	278035	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1181716	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	699747	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	1635535	20.00	ng	0.00
76) Chrysene-d12	21.31	240	1883572	20.00	ng	0.00
87) Perylene-d12	23.57	264	1957317	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	2431017	143.26	ng	0.00
7) Phenol-d6	6.89	99	3492099	146.08	ng	0.00
23) Nitrobenzene-d5	8.88	82	1834637	71.79	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	1601887	158.81	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	3689887	70.00	ng	0.00
79) Terphenyl-d14	19.75	244	7100986	77.77	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.25	88	297733	40.284	ng	100
3) Pyridine	3.65	79	933567	46.308	ng	98
4) n-Nitrosodimethylamine	3.58	42	251983	49.132	ng	98
6) Aniline	7.06	93	1350401	46.105	ng	99
8) 2-Chlorophenol	7.28	128	802460	43.072	ng	98
9) Benzaldehyde	6.88	77	774543	74.447	ng	99
10) Phenol	6.92	94	1092550	43.436	ng	99
11) bis(2-Chloroethyl)ether	7.15	93	813947	42.421	ng	98
12) 1,3-Dichlorobenzene	7.60	146	861644	41.130	ng	99
13) 1,4-Dichlorobenzene	7.75	146	884503	41.473	ng	99
14) 1,2-Dichlorobenzene	8.06	146	856522	41.810	ng	99
15) Benzyl Alcohol	7.96	79	844202	44.444	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.25	45	774016	41.680	ng	99
17) 2-Methylphenol	8.16	107	701440	43.815	ng	98
18) Hexachloroethane	8.78	117	333037	42.777	ng	96
19) n-Nitroso-di-n-propylamine	8.52	70	805548	43.521	ng	99
20) 3+4-Methylphenols	8.49	107	969398	43.851	ng	99
22) Acetophenone	8.55	105	1329840	40.979	ng	100
24) Nitrobenzene	8.92	77	1117623	42.130	ng	99
25) Isophorone	9.45	82	2032839	49.851	ng	99
26) 2-Nitrophenol	9.63	139	459907	43.533	ng	98
27) 2,4-Dimethylphenol	9.68	122	762426	49.412	ng	99
28) bis(2-Chloroethoxy)methane	9.93	93	1162343	44.078	ng	99
29) 2,4-Dichlorophenol	10.15	162	775122	43.749	ng	99
30) 1,2,4-Trichlorobenzene	10.36	180	842728	41.187	ng	97
31) Naphthalene	10.55	128	2576367	44.703	ng	99
32) Benzoic acid	9.84	122	549560	40.830	ng	95
33) 4-Chloroaniline	10.67	127	1145272	44.454	ng	99
34) Hexachlorobutadiene	10.82	225	468027	39.408	ng	99
35) Caprolactam	11.49	113	153340	21.207	ng	96
36) 4-Chloro-3-methylphenol	11.80	107	937056	43.867	ng	98
37) 2-Methylnaphthalene	12.17	142	1909343	47.054	ng	99
38) 1-Methylnaphthalene	12.39	142	1833350	46.204	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.54	216	920161	41.107	ng	99

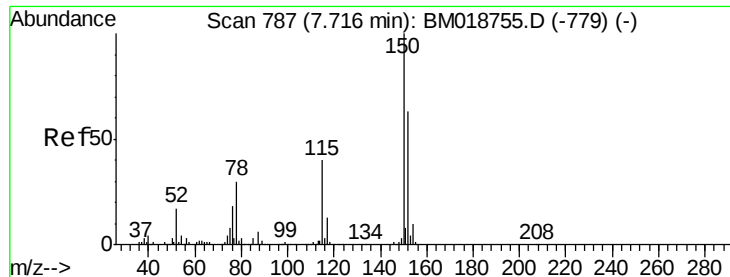
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021119\
 Data File : BM018760.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.50	237	1240332	108.379	ng	99
43) 2,4,6-Trichlorophenol	12.79	196	647049	43.665	ng	99
44) 2,4,5-Trichlorophenol	12.86	196	696441	44.840	ng	99
46) 1,1'-Biphenyl	13.19	154	2449291	40.664	ng	100
47) 2-Chloronaphthalene	13.23	162	1898062	40.798	ng	100
48) 2-Nitroaniline	13.46	65	682112	44.146	ng	99
49) Acenaphthylene	14.09	152	3149772	45.469	ng	100
50) Dimethylphthalate	13.83	163	2534274	43.457	ng	100
51) 2,6-Dinitrotoluene	13.96	165	564184	44.661	ng	97
52) Acenaphthene	14.43	154	1811724	42.652	ng	99
53) 3-Nitroaniline	14.29	138	597992	41.895	ng	98
54) 2,4-Dinitrophenol	14.50	184	743593	91.846	ng	96
55) Dibenzofuran	14.77	168	2937523	42.075	ng	99
56) 4-Nitrophenol	14.60	139	1043886	91.615	ng	99
57) 2,4-Dinitrotoluene	14.75	165	804479	46.220	ng	100
58) Fluorene	15.42	166	2438986	45.664	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.99	232	656537	47.823	ng	99
60) Diethylphthalate	15.19	149	2622451	43.594	ng	100
61) 4-Chlorophenyl-phenylether	15.41	204	1217830	40.666	ng	99
62) 4-Nitroaniline	15.46	138	616658	44.068	ng	100
63) Azobenzene	15.70	77	2775828	43.036	ng	100
65) 4,6-Dinitro-2-methylphenol	15.50	198	479912	41.792	ng	99
66) n-Nitrosodiphenylamine	15.63	169	2160016	41.802	ng	100
67) 4-Bromophenyl-phenylether	16.31	248	742104	40.537	ng	97
68) Hexachlorobenzene	16.41	284	869028	40.840	ng	98
69) Atrazine	16.59	200	749272	44.978	ng	99
70) Pentachlorophenol	16.76	266	1152936	84.149	ng	99
71) Phenanthrene	17.16	178	3921678	44.617	ng	100
72) Anthracene	17.25	178	4006344	46.829	ng	100
73) Carbazole	17.53	167	3722498	41.647	ng	99
74) Di-n-butylphthalate	18.08	149	4605844	44.806	ng	100
75) Fluoranthene	19.18	202	4683784	46.132	ng	99
77) Benzidine	19.38	184	5946303	140.175	ng	100
78) Pyrene	19.54	202	4822082	44.079	ng	100
80) Butylbenzylphthalate	20.44	149	2244811	45.026	ng	98
81) Benzo(a)anthracene	21.29	228	4939698	44.989	ng	100
82) 3,3'-Dichlorobenzidine	21.23	252	1951138	44.964	ng	100
83) Chrysene	21.35	228	4583629	43.555	ng	100
84) Bis(2-ethylhexyl)phthalate	21.22	149	3231662	44.288	ng	100
85) Di-n-octyl phthalate	22.10	149	5637450	45.967	ng	100
86) Indeno(1,2,3-cd)pyrene	25.87	276	5775123	47.531	ng	100
88) Benzo(b)fluoranthene	22.89	252	5028083	44.899	ng	99
89) Benzo(k)fluoranthene	22.93	252	5050198	45.298	ng	99
90) Benzo(a)pyrene	23.47	252	4895875	46.150	ng	99
91) Dibenzo(a,h)anthracene	25.88	278	4899878	46.619	ng	99
92) Benzo(g,h,i)perylene	26.57	276	4548721	46.487	ng	100

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

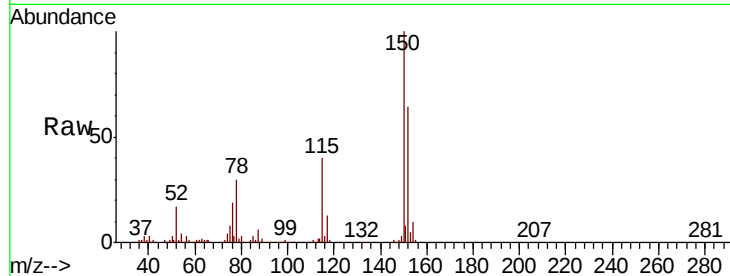


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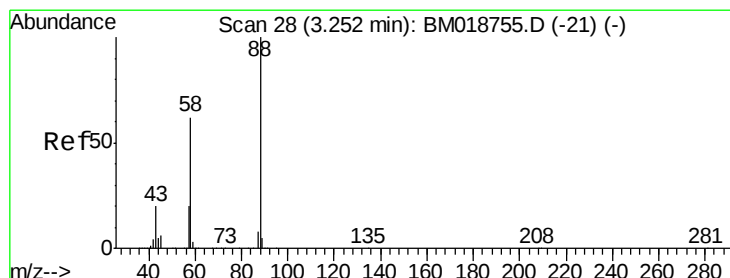
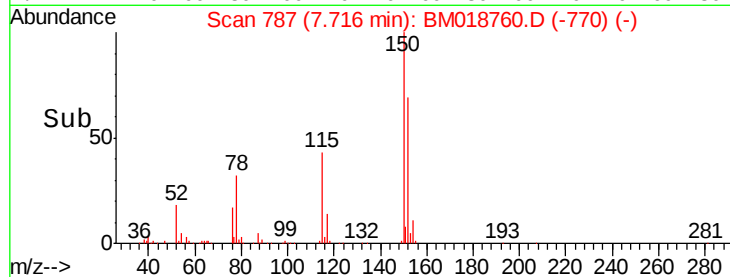
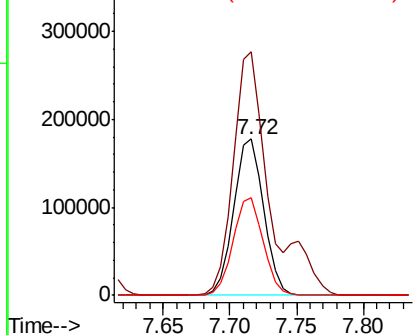
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.72 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BM018760.D
 Acq: 11 Feb 2019 16:21

Instrument :
 BNA_M
 ClientSampleId :
 PB116995BS

Tgt Ion:152 Resp: 278035
 Ion Ratio Lower Upper
 152 100
 150 155.6 127.3 190.9
 115 62.1 50.8 76.2



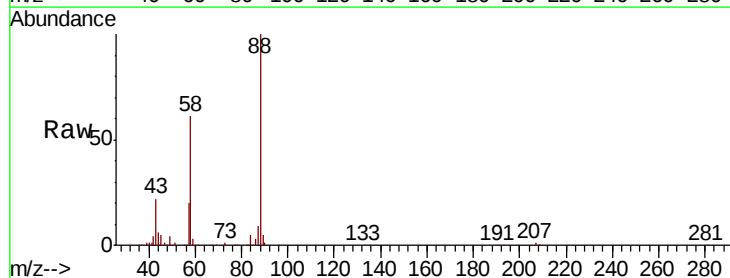
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



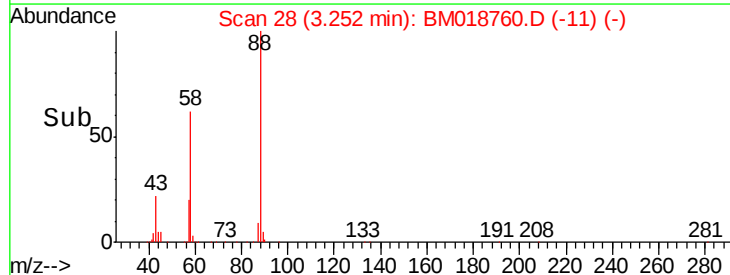
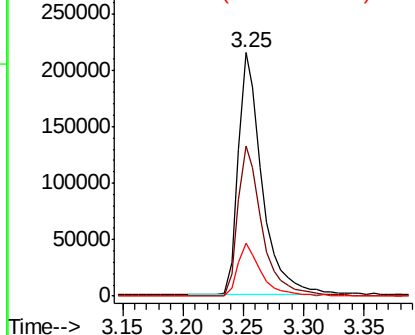
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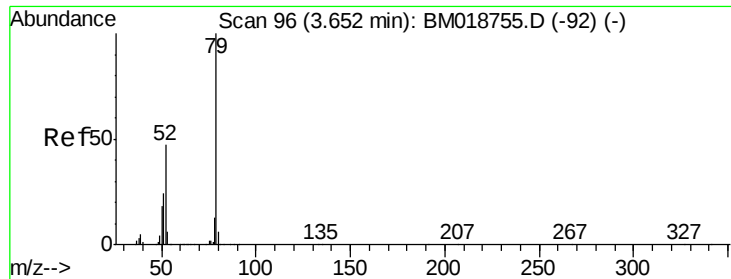
1,4-Dioxane
 Concen: 40.284 ng
 RT: 3.25 min Scan# 28
 Delta R.T. 0.00 min
 Lab File: BM018760.D
 Acq: 11 Feb 2019 16:21

Tgt Ion: 88 Resp: 297733
 Ion Ratio Lower Upper
 88 100
 58 62.4 49.8 74.6
 43 20.8 16.7 25.1



Abundance Ion 88.00 (87.70 to 88.70): BM0
 Ion 58.00 (57.70 to 58.70): BM0
 Ion 43.00 (42.70 to 43.70): BM0





#3

Pyridine

Concen: 46.308 ng

RT: 3.65 min Scan# 96

Delta R.T. 0.00 min

Lab File: BM018760.D

Acq: 11 Feb 2019 16:21

Instrument :

BNA_M

ClientSampleId :

PB116995BS

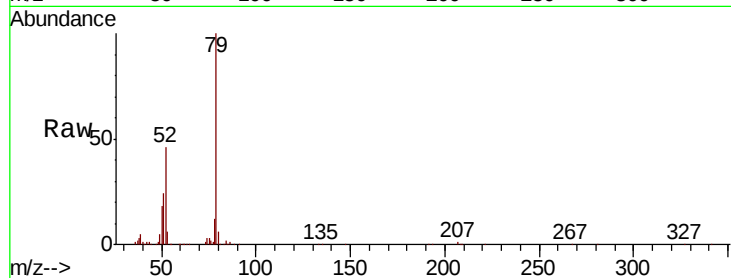
Tgt Ion: 79 Resp: 933567

Ion Ratio Lower Upper

79 100

52 45.8 37.6 56.4

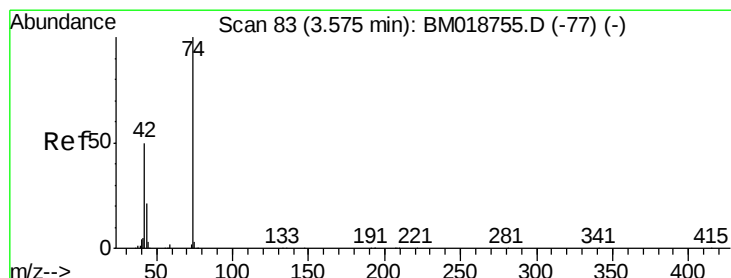
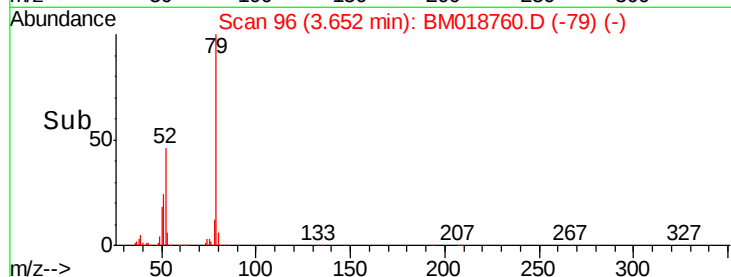
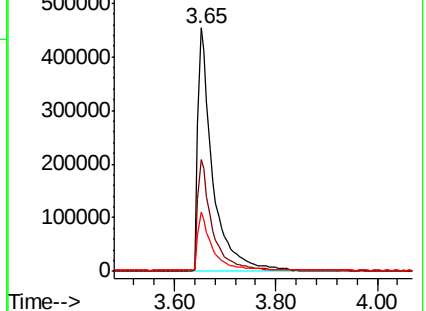
51 24.1 19.7 29.5



Abundance Ion 79.00 (78.70 to 79.70): BM018755.D (-92) (-)

Ion 52.00 (51.70 to 52.70): BM018755.D (-92) (-)

Ion 51.00 (50.70 to 51.70): BM018755.D (-92) (-)



#4

n-Nitrosodimethylamine

Concen: 49.132 ng

RT: 3.58 min Scan# 83

Delta R.T. 0.00 min

Lab File: BM018760.D

Acq: 11 Feb 2019 16:21

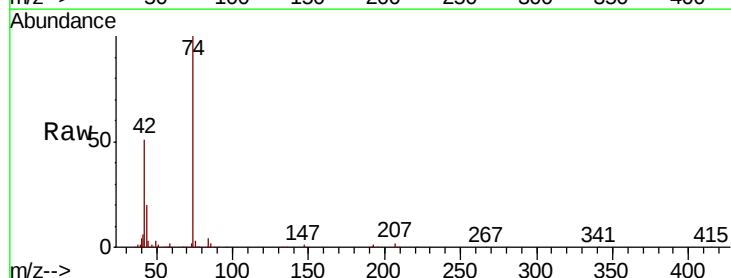
Tgt Ion: 42 Resp: 251983

Ion Ratio Lower Upper

42 100

74 194.5 158.1 237.1

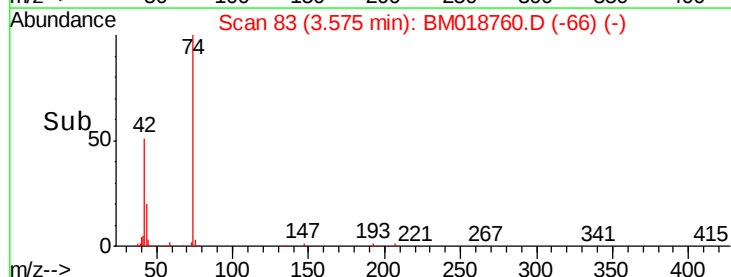
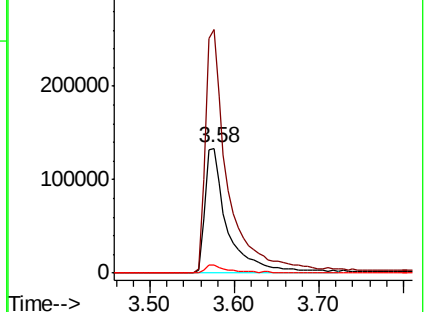
44 6.5 4.9 7.3

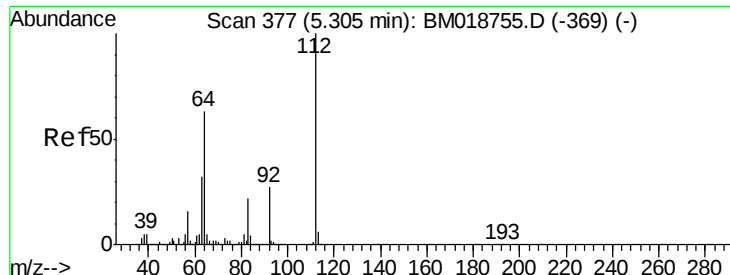


Abundance Ion 42.00 (41.70 to 42.70): BM018755.D (-77) (-)

Ion 74.00 (73.70 to 74.70): BM018755.D (-77) (-)

Ion 44.00 (43.70 to 44.70): BM018755.D (-77) (-)





#5

2-Fluorophenol

Concen: 143.261 ng

RT: 5.30 min Scan# 377

Delta R.T. 0.00 min

Lab File: BM018760.D

Acq: 11 Feb 2019 16:21

Instrument :

BNA_M

ClientSampleId :

PB116995BS

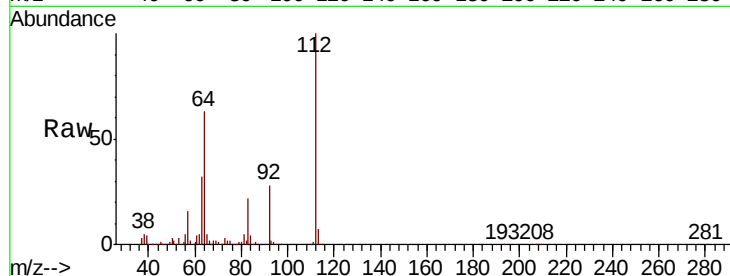
Tgt Ion:112 Resp: 2431017

Ion Ratio Lower Upper

112 100

64 62.7 50.6 75.8

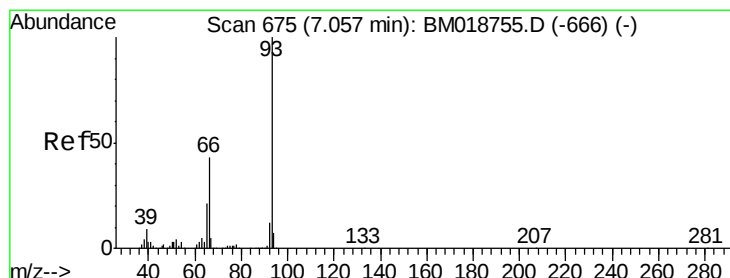
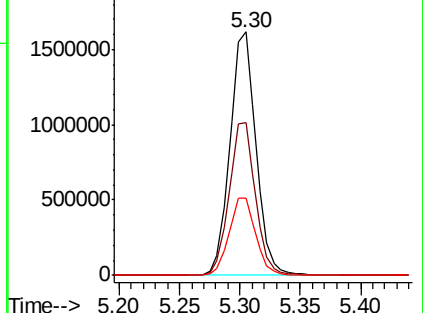
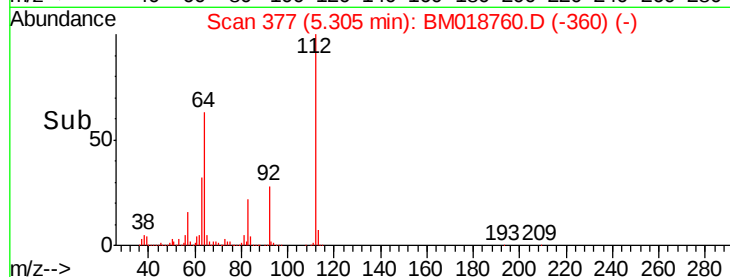
63 31.6 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 46.105 ng

RT: 7.06 min Scan# 675

Delta R.T. 0.00 min

Lab File: BM018760.D

Acq: 11 Feb 2019 16:21

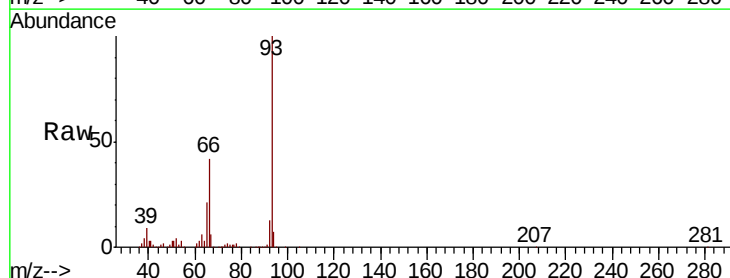
Tgt Ion: 93 Resp: 1350401

Ion Ratio Lower Upper

93 100

66 41.9 34.1 51.1

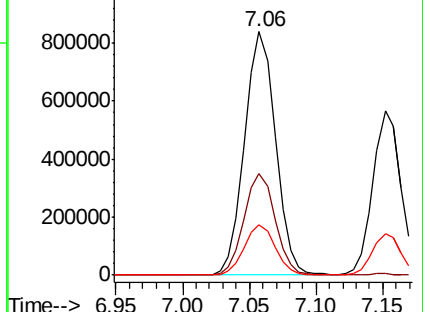
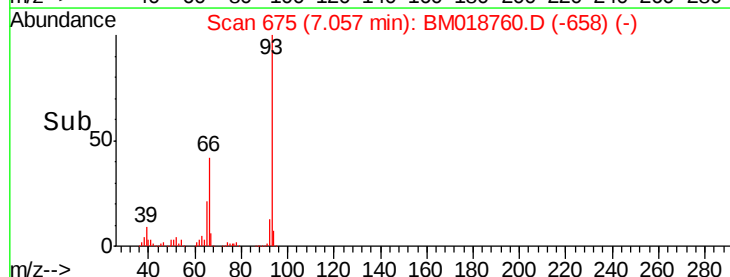
65 20.7 16.6 24.8

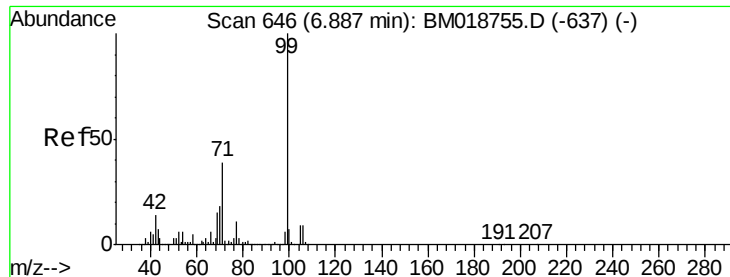


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 146.080 ng

RT: 6.89 min Scan# 647

Delta R.T. 0.01 min

Lab File: BM018760.D

Acq: 11 Feb 2019 16:21

Instrument :

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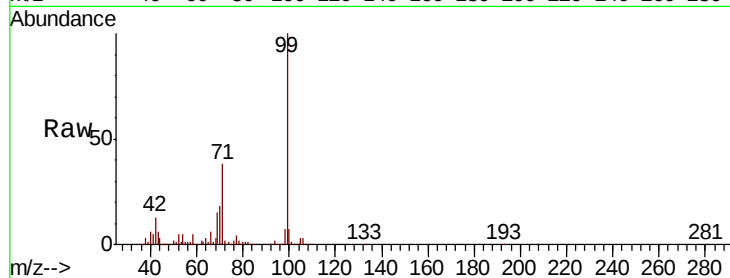
Tgt Ion: 99 Resp: 3492099

Ion Ratio Lower Upper

99 100

42 13.4 11.0 16.6

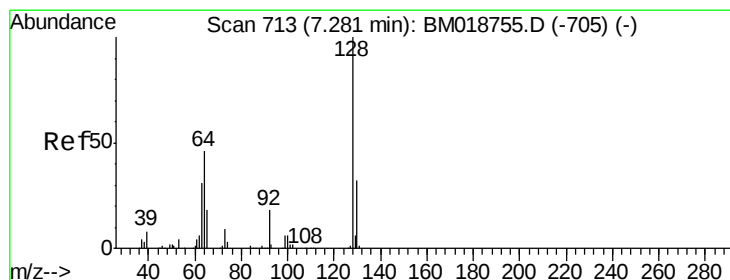
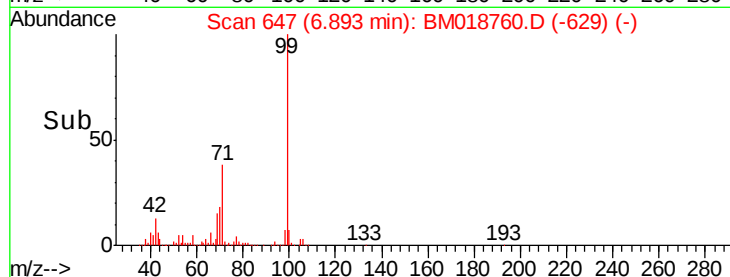
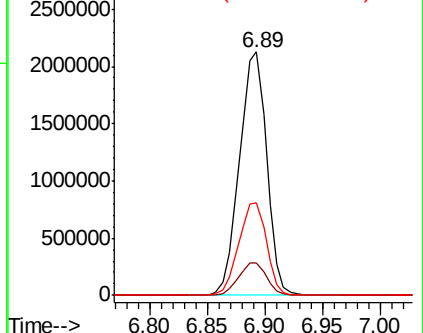
71 38.2 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BM018755.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018755.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018755.D (-637) (-)



#8

2-Chlorophenol

Concen: 43.072 ng

RT: 7.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BM018760.D

Acq: 11 Feb 2019 16:21

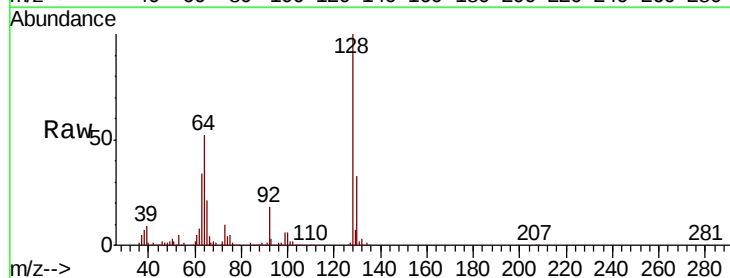
Tgt Ion: 128 Resp: 802460

Ion Ratio Lower Upper

128 100

130 32.6 11.7 51.7

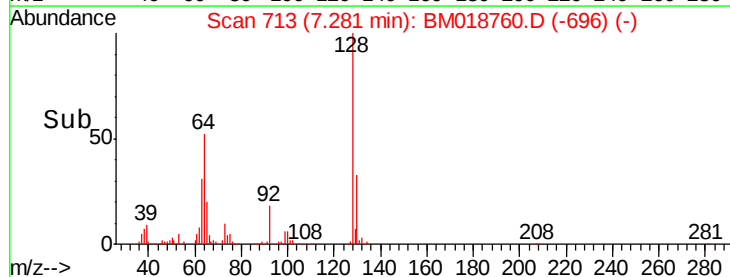
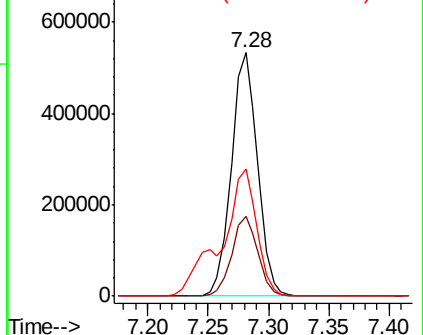
64 52.0 31.0 71.0

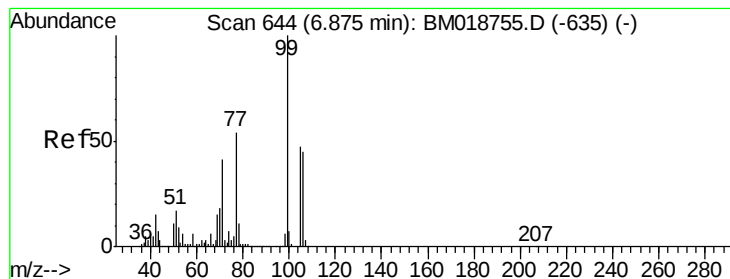


Abundance Ion 128.00 (127.70 to 128.70): BM018755.D (-705) (-)

Ion 130.00 (129.70 to 130.70): BM018755.D (-705) (-)

Ion 64.00 (63.70 to 64.70): BM018755.D (-705) (-)





#9

Benzaldehyde

Concen: 74.447 ng

RT: 6.88 min Scan# 644

Delta R.T. 0.00 min

Lab File: BM018760.D

Acq: 11 Feb 2019 16:21

Instrument :

BNA_M

ClientSampleId :

PB116995BS

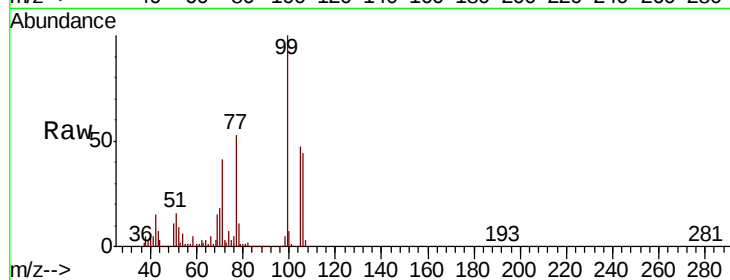
Tgt Ion: 77 Resp: 774543

Ion Ratio Lower Upper

77 100

105 88.7 67.3 107.3

106 83.4 62.9 102.9



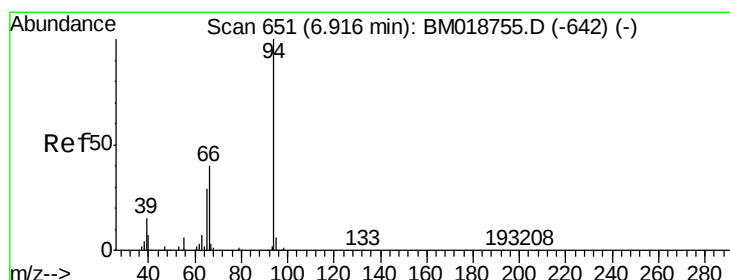
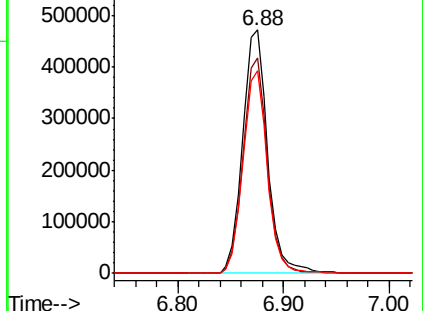
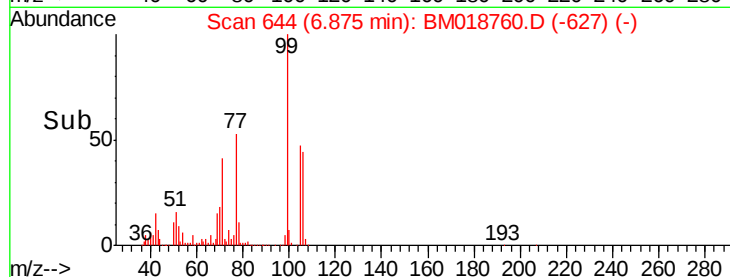
Abundance Ion 77.00 (76.70 to 77.70): BM018755.D (-635) (-)

Ion 105.00 (104.70 to 105.70): BM018755.D (-635) (-)

Ion 106.00 (105.70 to 106.70): BM018755.D (-635) (-)

6.88

Time-->



#10

Phenol

Concen: 43.436 ng

RT: 6.92 min Scan# 651

Delta R.T. 0.00 min

Lab File: BM018760.D

Acq: 11 Feb 2019 16:21

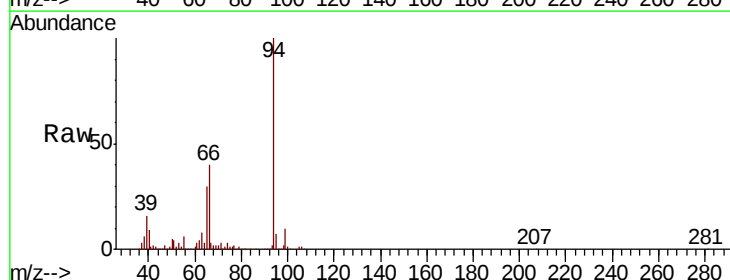
Tgt Ion: 94 Resp: 1092550

Ion Ratio Lower Upper

94 100

65 30.3 9.6 49.6

66 40.0 20.4 60.4



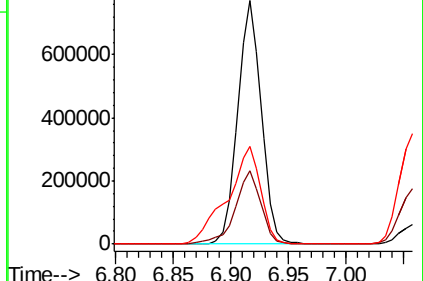
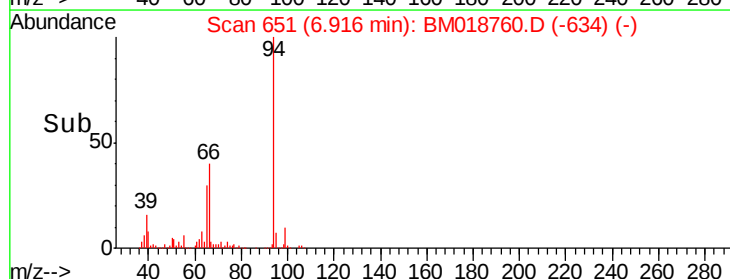
Abundance Ion 94.00 (93.70 to 94.70): BM018755.D (-642) (-)

Ion 65.00 (64.70 to 65.70): BM018755.D (-642) (-)

Ion 66.00 (65.70 to 66.70): BM018755.D (-642) (-)

6.92

Time-->

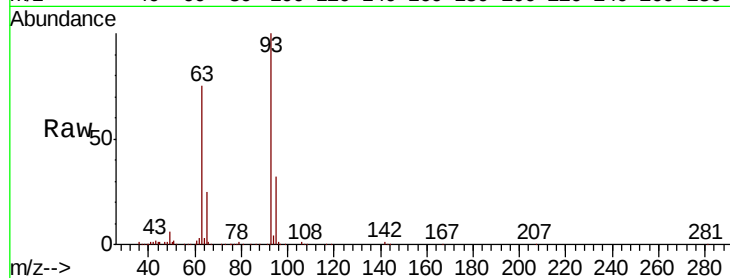




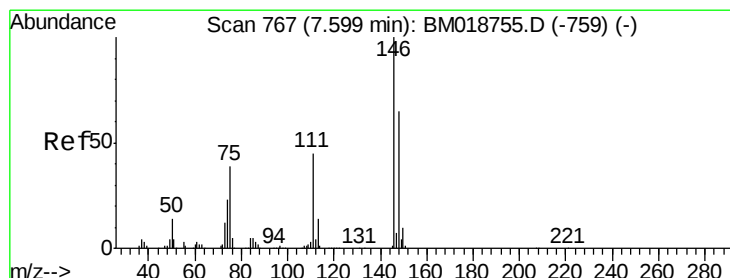
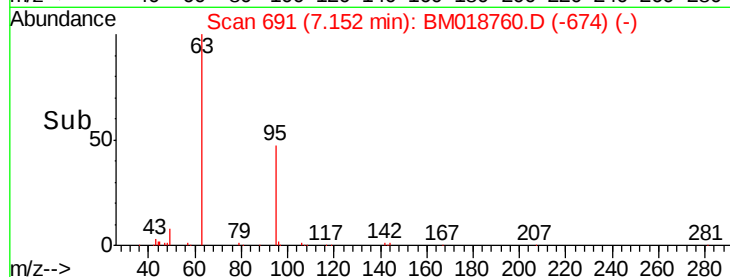
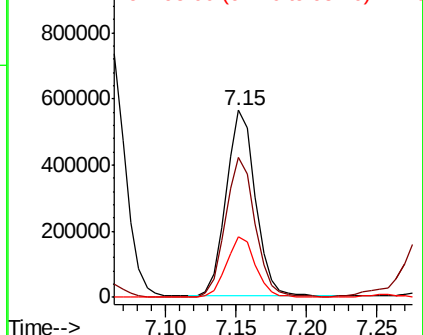
#11
bis(2-Chloroethyl)ether
Concen: 42.421 ng
RT: 7.15 min Scan# 691
Delta R.T. 0.00 min
Lab File: BM018760.D
Acq: 11 Feb 2019 16:21

Instrument :
BNA_M
ClientSampleId :
PB116995BS

Tgt Ion: 93 Resp: 813947
Ion Ratio Lower Upper
93 100
63 75.1 57.0 97.0
95 32.4 12.4 52.4

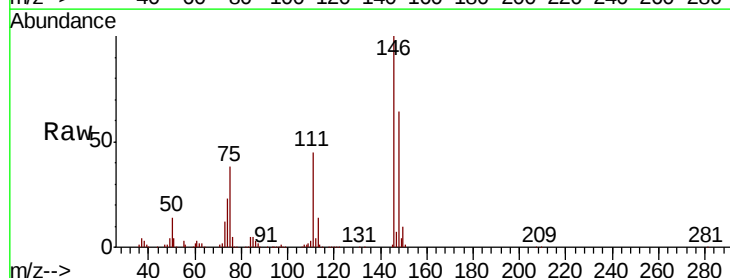


Abundance Ion 93.00 (92.70 to 93.70): BM0
Ion 63.00 (62.70 to 63.70): BM0
Ion 95.00 (94.70 to 95.70): BM0

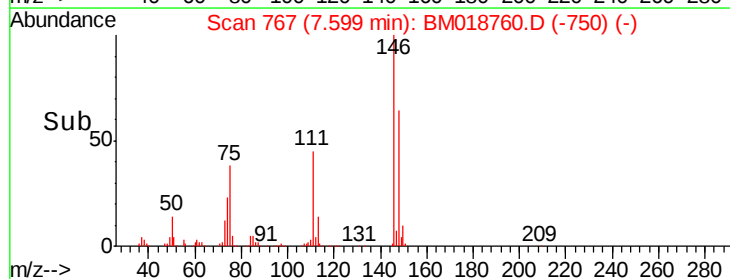
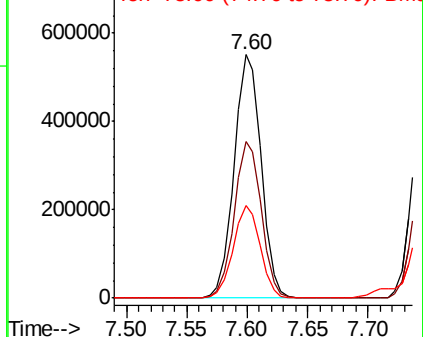


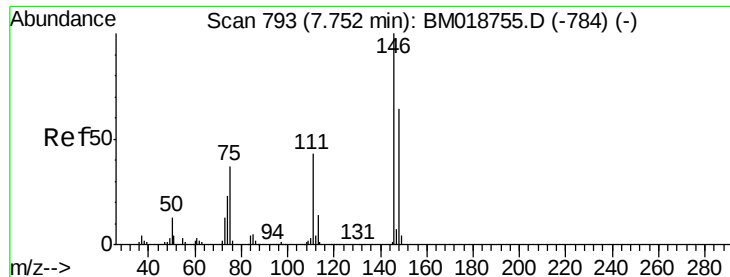
#12
1,3-Dichlorobenzene
Concen: 41.130 ng
RT: 7.60 min Scan# 767
Delta R.T. 0.00 min
Lab File: BM018760.D
Acq: 11 Feb 2019 16:21

Tgt Ion: 146 Resp: 861644
Ion Ratio Lower Upper
146 100
148 64.3 51.7 77.5
75 38.3 31.3 46.9



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BM0

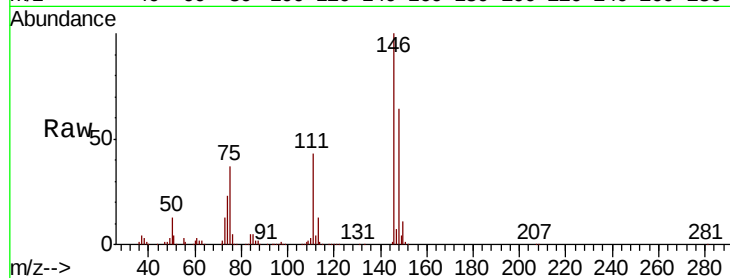




#13
 1,4-Dichlorobenzene
 Concen: 41.473 ng
 RT: 7.75 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BM018760.D
 Acq: 11 Feb 2019 16:21

Instrument :
 BNA_M
 ClientSampleId :
 PB116995BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.4	77.2
111	42.7	34.6	52.0

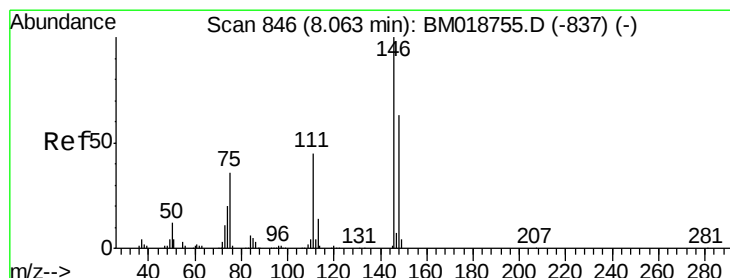
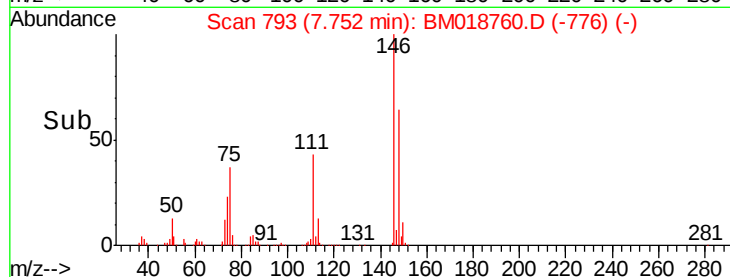
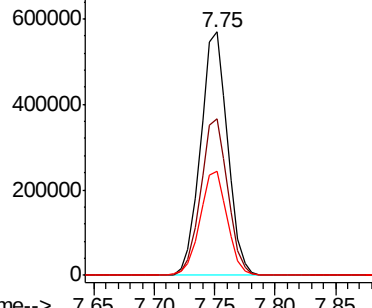


Abundance

Ion 146.00 (145.70 to 146.70): E

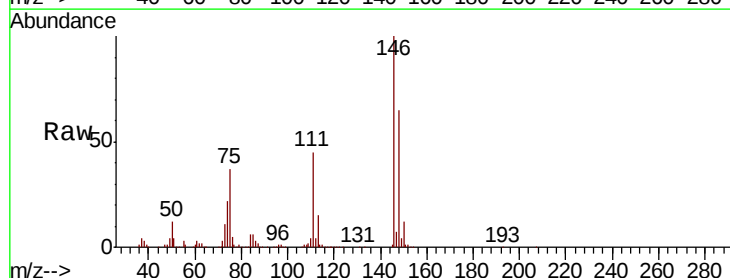
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 41.810 ng
 RT: 8.06 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BM018760.D
 Acq: 11 Feb 2019 16:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.7	76.1
111	44.7	35.9	53.9

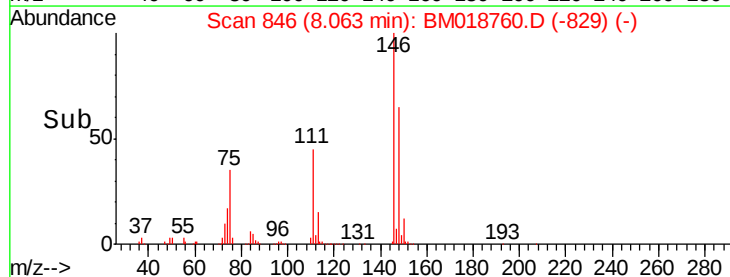
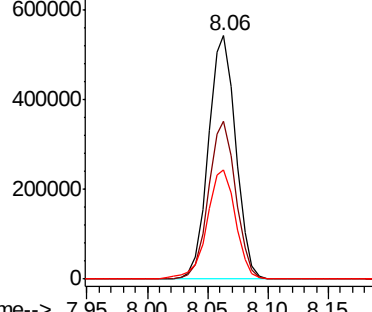


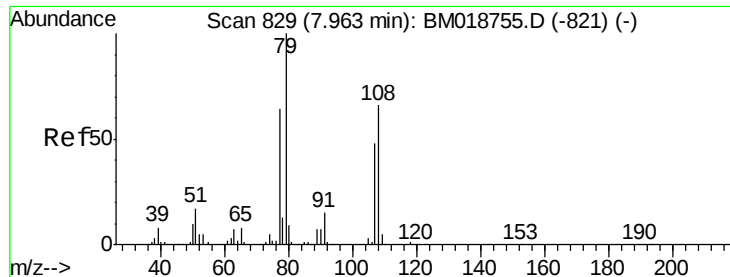
Abundance

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

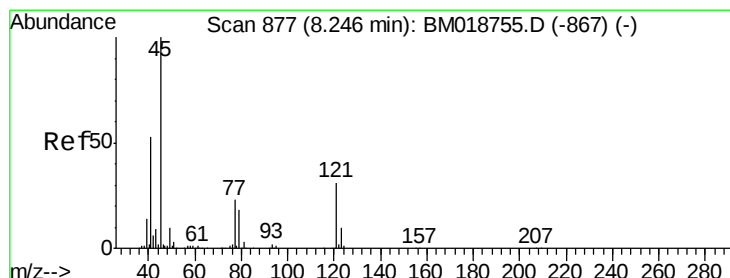
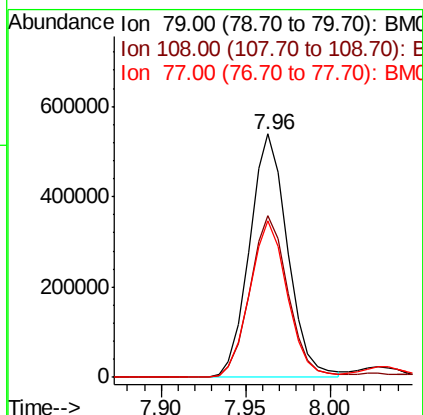
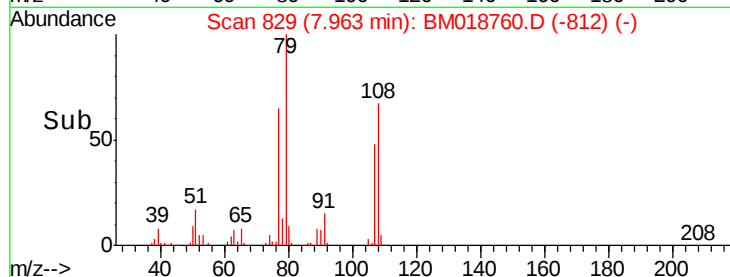
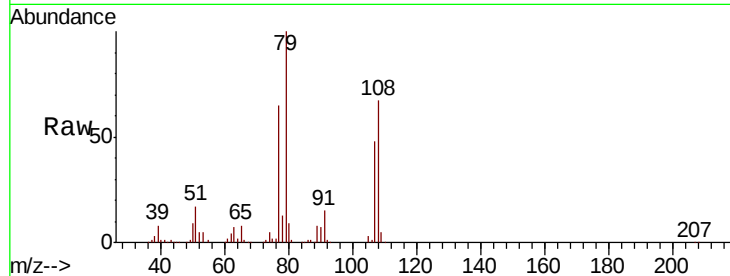




#15
Benzyl Alcohol
Concen: 44.444 ng
RT: 7.96 min Scan# 829
Delta R.T. 0.00 min
Lab File: BM018760.D
Acq: 11 Feb 2019 16:21

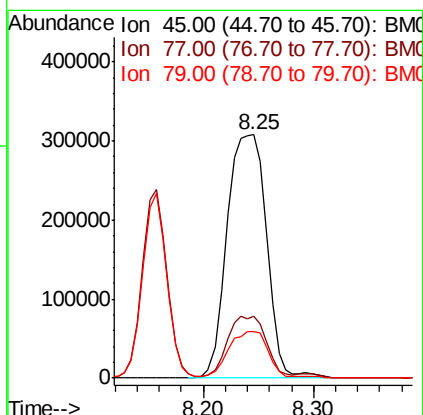
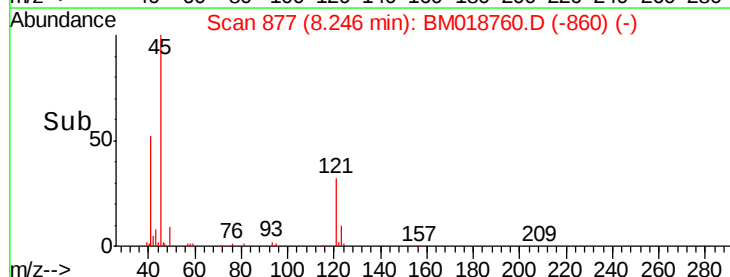
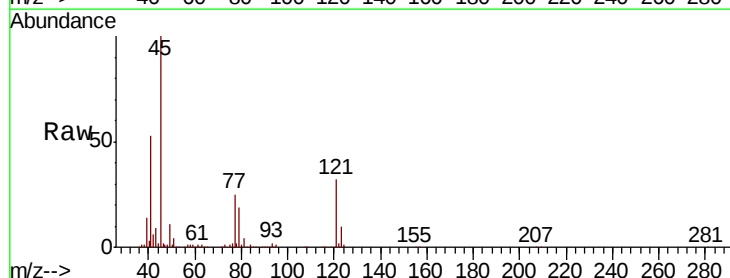
Instrument :
BNA_M
ClientSampleId :
PB116995BS

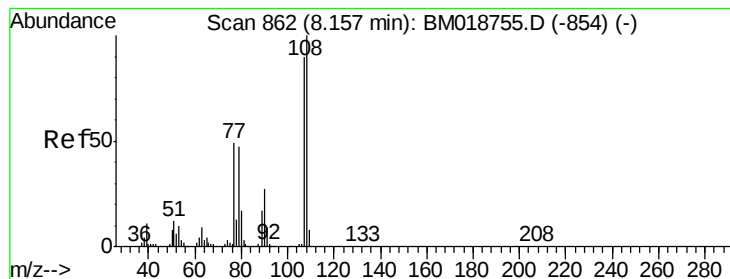
Tgt Ion: 79 Resp: 844202
Ion Ratio Lower Upper
79 100
108 66.6 52.7 79.1
77 64.5 51.0 76.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.680 ng
RT: 8.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: BM018760.D
Acq: 11 Feb 2019 16:21

Tgt Ion: 45 Resp: 774016
Ion Ratio Lower Upper
45 100
77 25.3 5.0 45.0
79 19.0 0.0 39.3

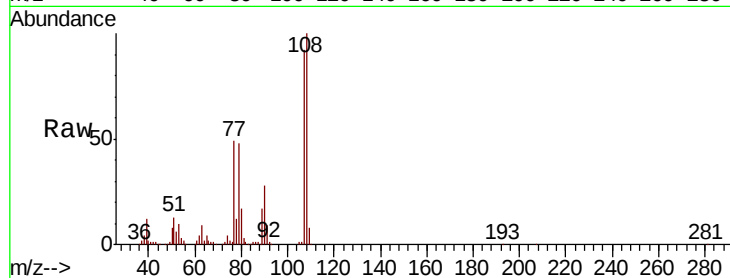




#17
2-Methylphenol
Concen: 43.815 ng
RT: 8.16 min Scan# 862
Delta R.T. 0.00 min
Lab File: BM018760.D
Acq: 11 Feb 2019 16:21

Instrument :
BNA_M
ClientSampleId :
PB116995BS

Tgt Ion	Ratio	Lower	Upper
107	100		
108	109.2	88.8	133.2
77	53.7	44.0	66.0
79	52.3	42.4	63.6



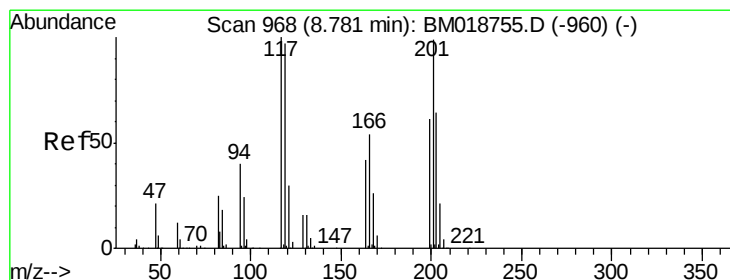
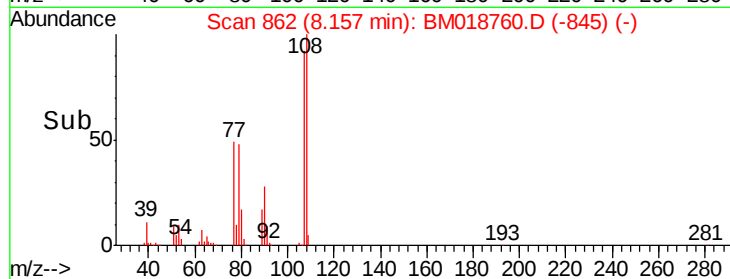
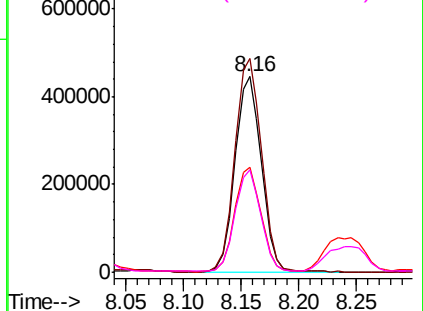
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

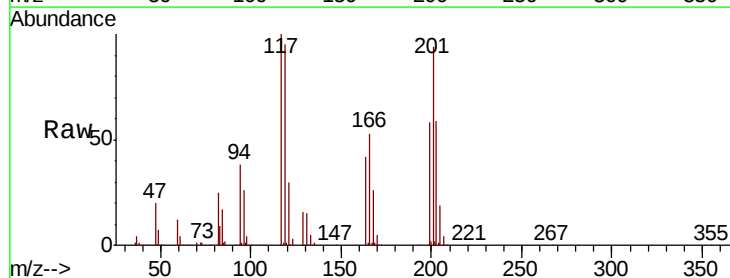
Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18
Hexachloroethane
Concen: 42.777 ng
RT: 8.78 min Scan# 967
Delta R.T. -0.01 min
Lab File: BM018760.D
Acq: 11 Feb 2019 16:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.9	116.9
201	93.7	79.2	118.8

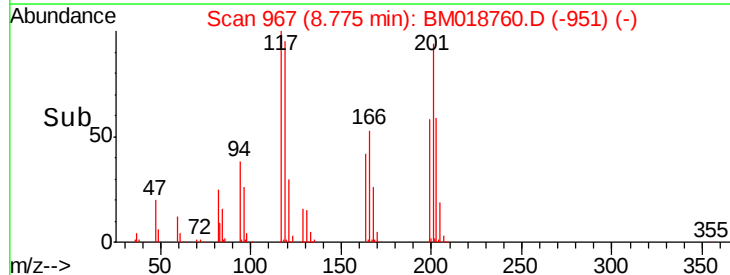
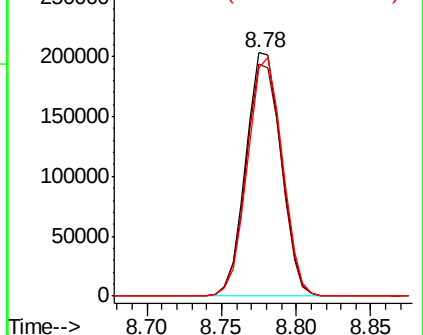


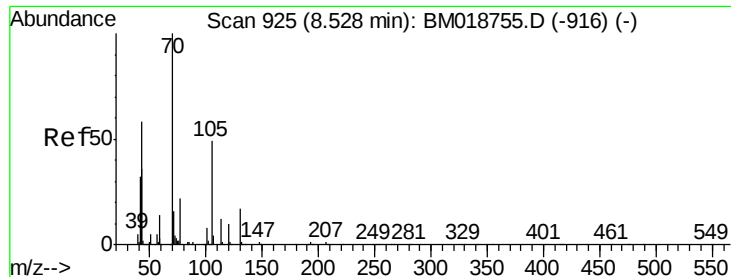
Abundance

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

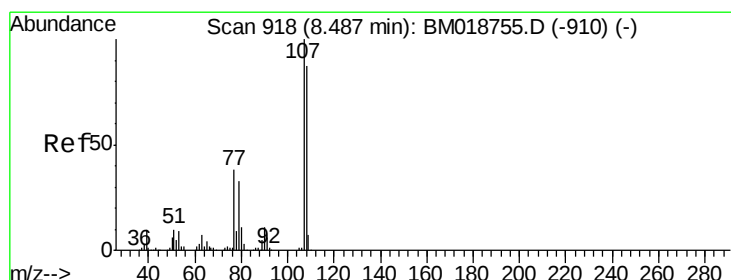
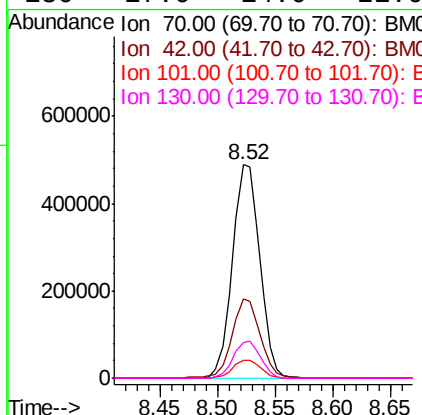
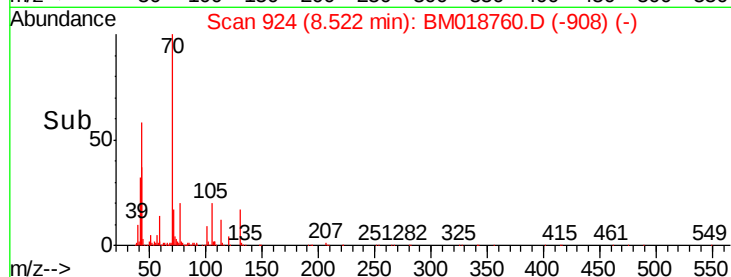
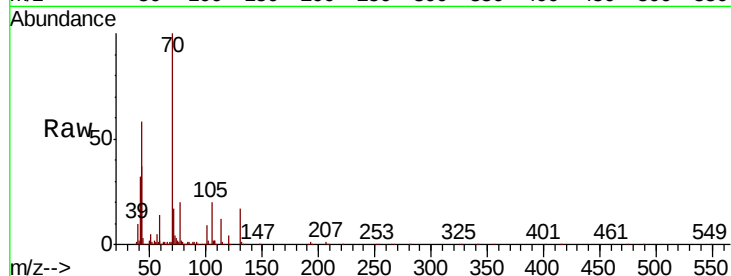




#19
n-Nitroso-di-n-propylamine
Concen: 43.521 ng
RT: 8.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BM018760.D
Acq: 11 Feb 2019 16:21

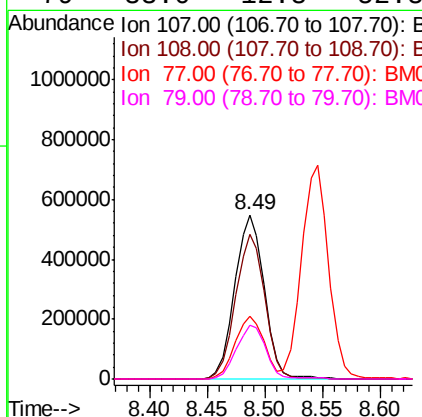
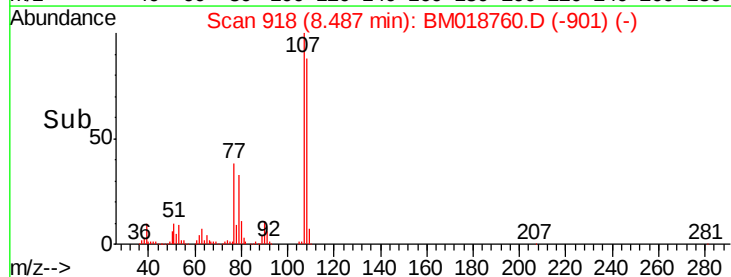
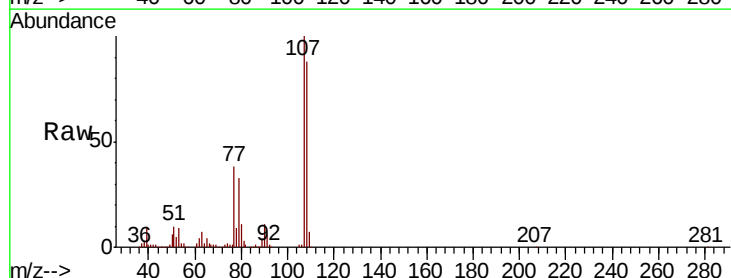
Instrument :
BNA_M
ClientSampleId :
PB116995BS

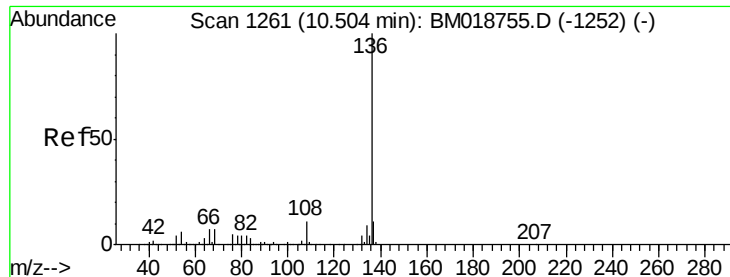
Tgt Ion: 70 Resp: 805548
Ion Ratio Lower Upper
70 100
42 37.3 29.4 44.0
101 8.6 6.7 10.1
130 17.0 14.0 21.0



#20
3+4-Methylphenols
Concen: 43.851 ng
RT: 8.49 min Scan# 918
Delta R.T. 0.00 min
Lab File: BM018760.D
Acq: 11 Feb 2019 16:21

Tgt Ion: 107 Resp: 969398
Ion Ratio Lower Upper
107 100
108 88.4 67.3 107.3
77 38.2 18.0 58.0
79 33.0 12.8 52.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.50 min Scan# 1261

Delta R.T. 0.00 min

Lab File: BM018760.D

Acq: 11 Feb 2019 16:21

Instrument :

BNA_M

ClientSampleId :

PB116995BS

Tgt Ion:136 Resp: 1181716

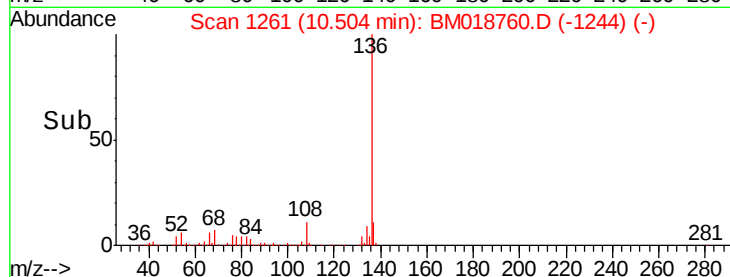
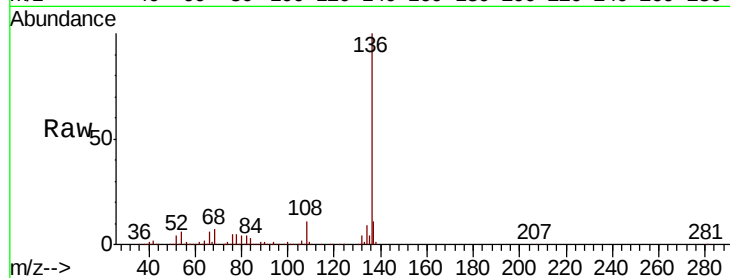
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 6.4 5.0 7.6

68 7.2 5.5 8.3

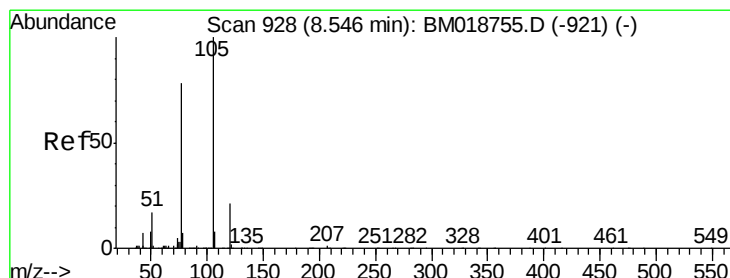
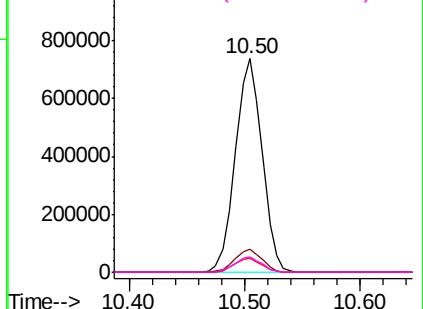


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.979 ng

RT: 8.55 min Scan# 928

Delta R.T. 0.00 min

Lab File: BM018760.D

Acq: 11 Feb 2019 16:21

Tgt Ion:105 Resp: 1329840

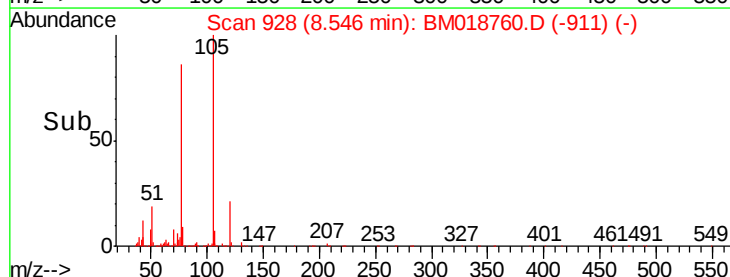
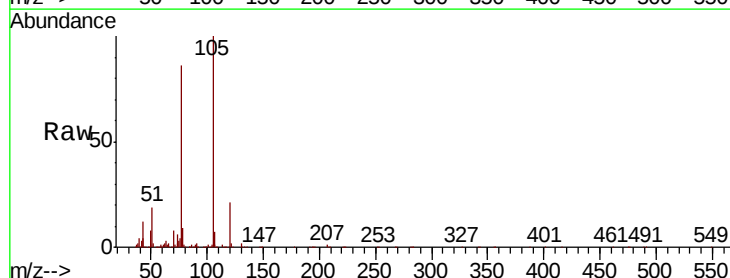
Ion Ratio Lower Upper

105 100

71 1.3 1.1 1.7

51 19.2 15.5 23.3

120 21.0 17.0 25.4

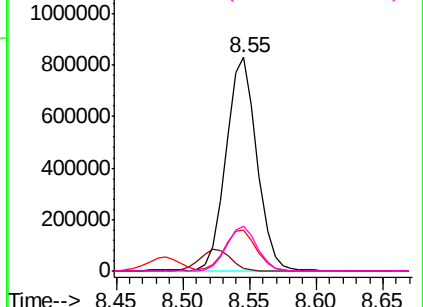


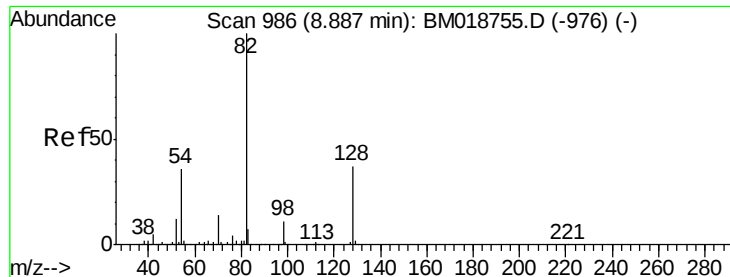
Abundance Ion 105.00 (104.70 to 105.70): E

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

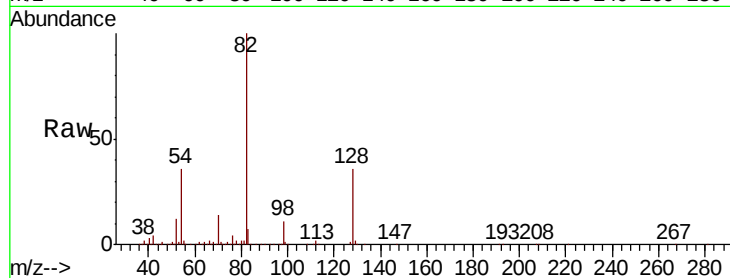




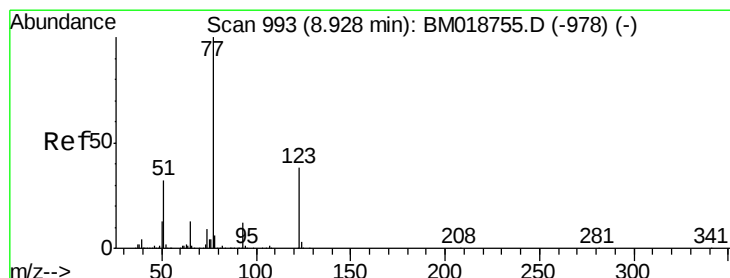
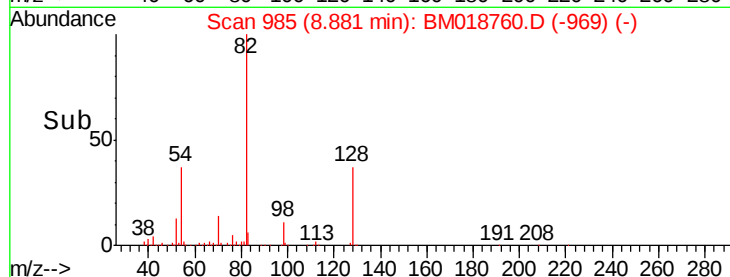
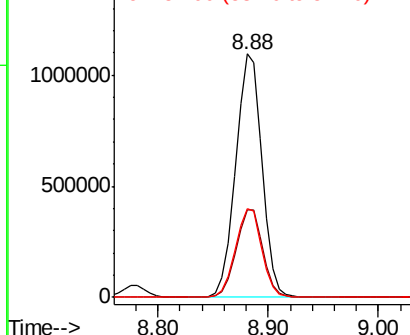
#23
Nitrobenzene-d5
Concen: 71.786 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BM018760.D
Acq: 11 Feb 2019 16:21

Instrument :
BNA_M
ClientSampleId :
PB116995BS

Tgt Ion: 82 Resp: 1834637
Ion Ratio Lower Upper
82 100
128 35.9 29.9 44.9
54 36.2 29.1 43.7

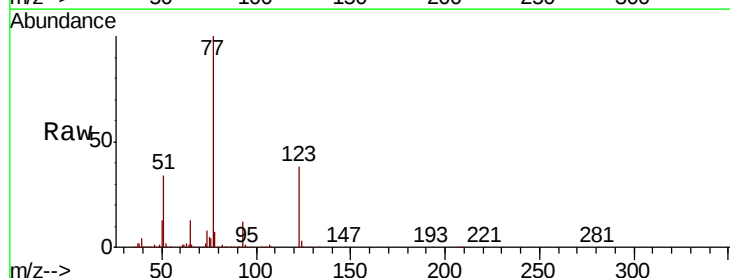


Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-976) (-)
Ion 128.00 (127.70 to 128.70): BM018755.D (-976) (-)
Ion 54.00 (53.70 to 54.70): BM018755.D (-976) (-)

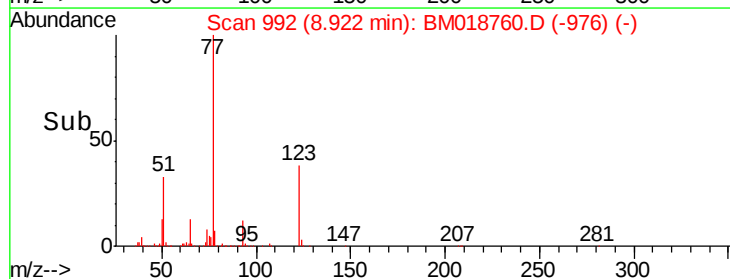
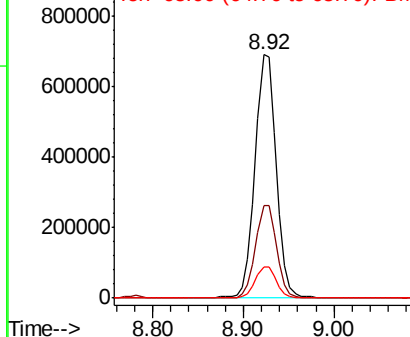


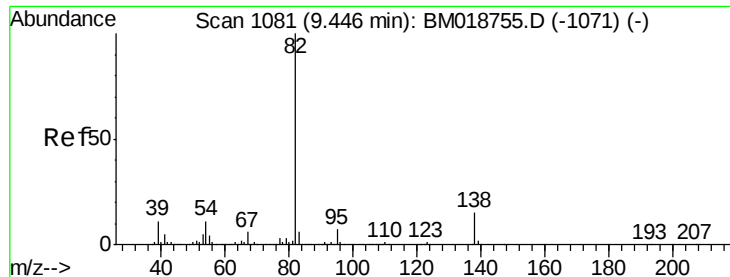
#24
Nitrobenzene
Concen: 42.130 ng
RT: 8.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BM018760.D
Acq: 11 Feb 2019 16:21

Tgt Ion: 77 Resp: 1117623
Ion Ratio Lower Upper
77 100
123 38.0 30.7 46.1
65 12.7 10.5 15.7



Abundance Ion 77.00 (76.70 to 77.70): BM018755.D (-978) (-)
Ion 123.00 (122.70 to 123.70): BM018755.D (-978) (-)
Ion 65.00 (64.70 to 65.70): BM018755.D (-978) (-)





#25

Isophorone

Concen: 49.851 ng

RT: 9.45 min Scan# 1081

Delta R.T. 0.00 min

Lab File: BM018760.D

Acq: 11 Feb 2019 16:21

Instrument :

BNA_M

ClientSampleId :

PB116995BS

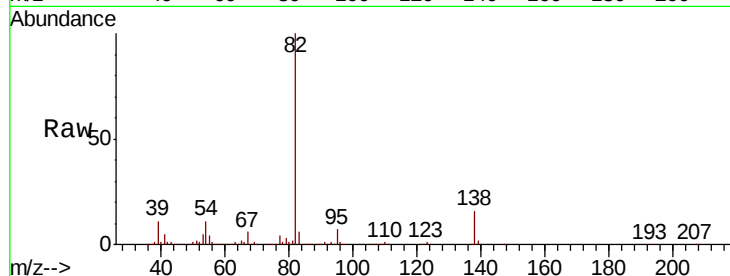
Tgt Ion: 82 Resp: 2032839

Ion Ratio Lower Upper

82 100

95 6.8 5.7 8.5

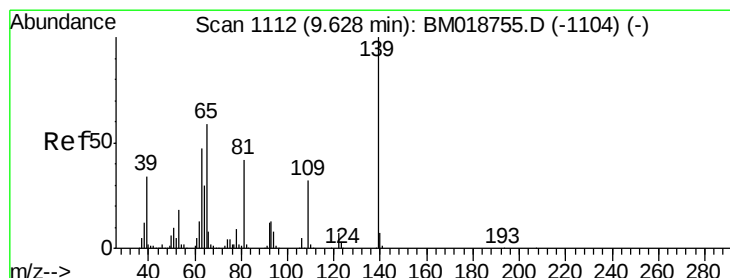
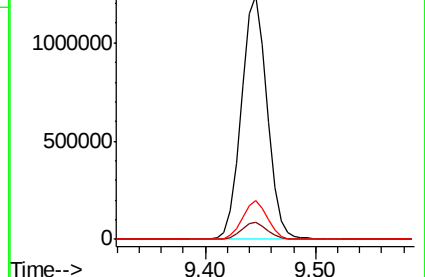
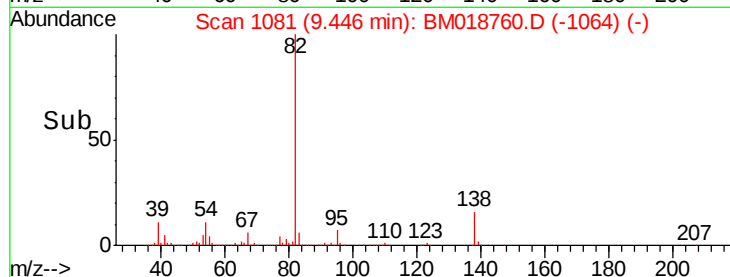
138 15.7 12.3 18.5



Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-1071) (-)

Ion 95.00 (94.70 to 95.70): BM018755.D (-1071) (-)

Ion 138.00 (137.70 to 138.70): BM018755.D (-1071) (-)



#26

2-Nitrophenol

Concen: 43.533 ng

RT: 9.63 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BM018760.D

Acq: 11 Feb 2019 16:21

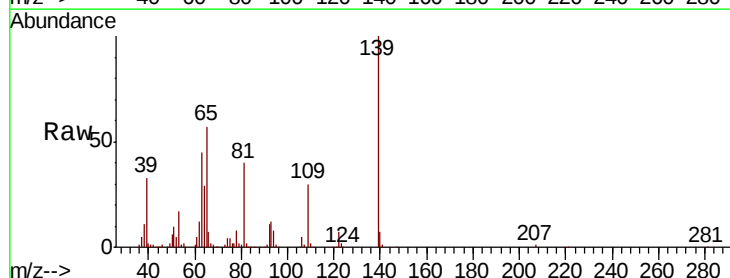
Tgt Ion: 139 Resp: 459907

Ion Ratio Lower Upper

139 100

109 29.6 25.2 37.8

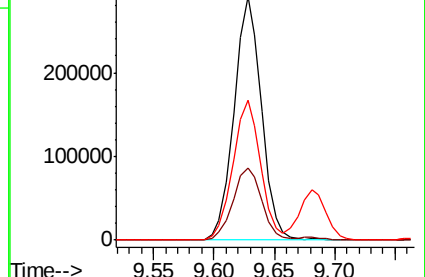
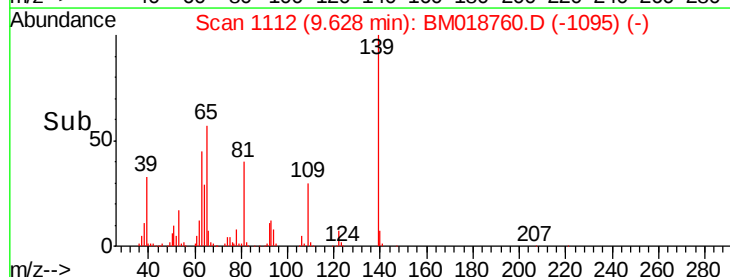
65 57.2 47.0 70.4

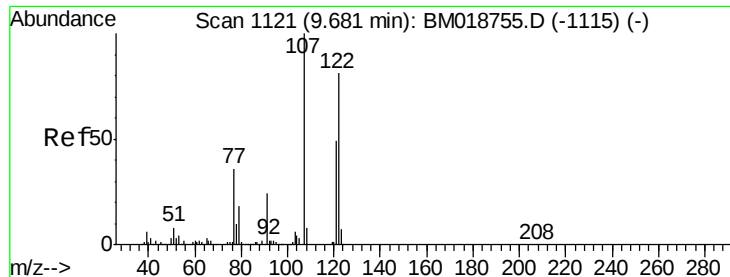


Abundance Ion 139.00 (138.70 to 139.70): BM018755.D (-1104) (-)

Ion 109.00 (108.70 to 109.70): BM018755.D (-1104) (-)

Ion 65.00 (64.70 to 65.70): BM018755.D (-1104) (-)

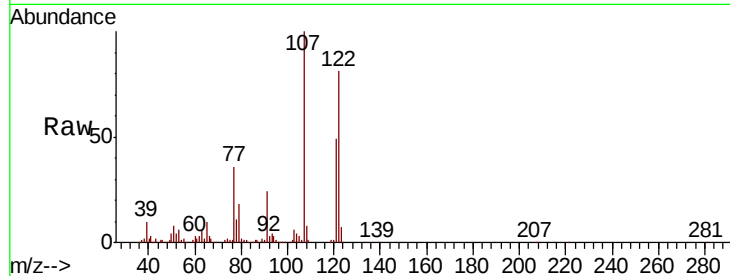




#27
2,4-Dimethylphenol
Concen: 49.412 ng
RT: 9.68 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BM018760.D
Acq: 11 Feb 2019 16:21

Instrument :
BNA_M
ClientSampleId :
PB116995BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	124.0	97.6	146.4
121	60.4	47.9	71.9

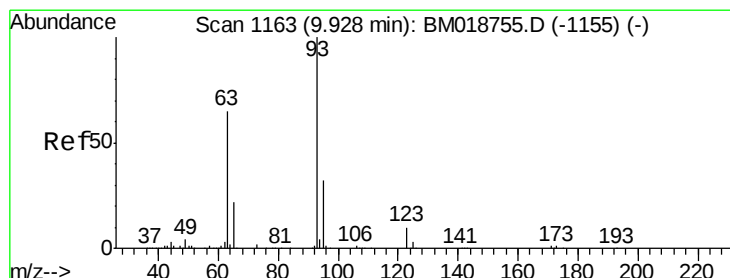
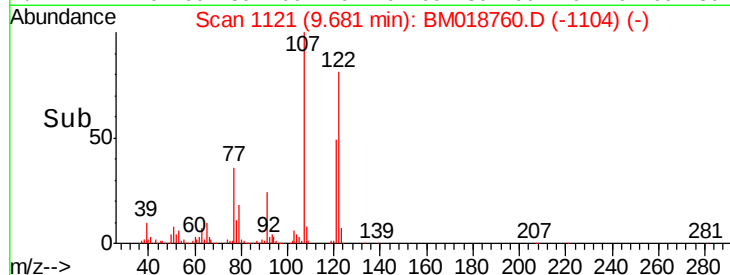
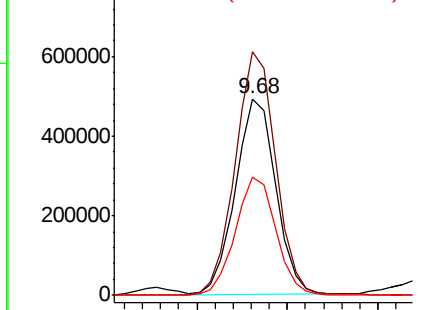


Abundance

Ion 122.00 (121.70 to 122.70): E

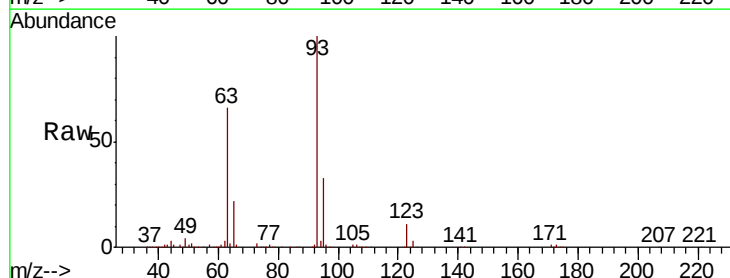
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 44.078 ng
RT: 9.93 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BM018760.D
Acq: 11 Feb 2019 16:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	25.6	38.4
123	10.5	8.2	12.4

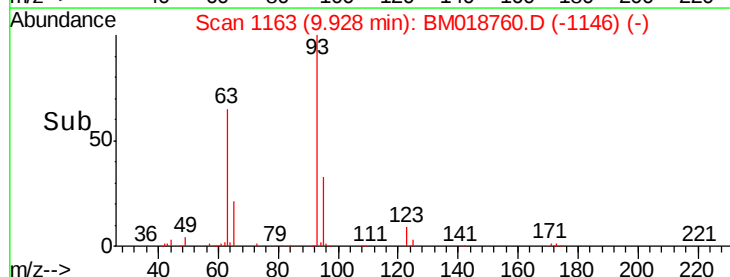
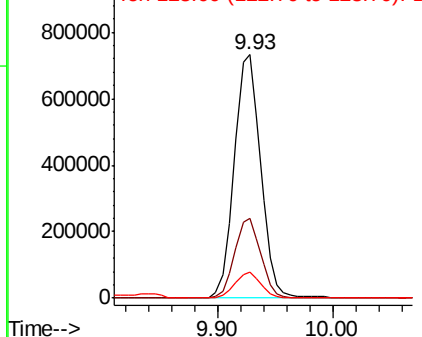


Abundance

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

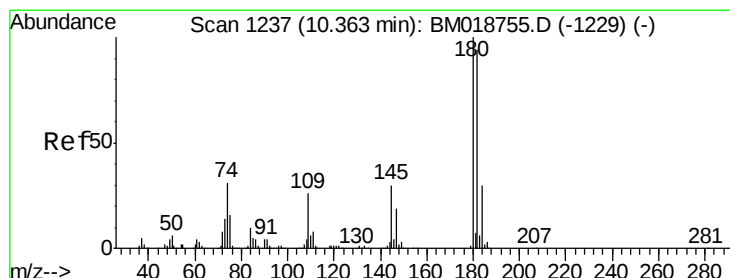
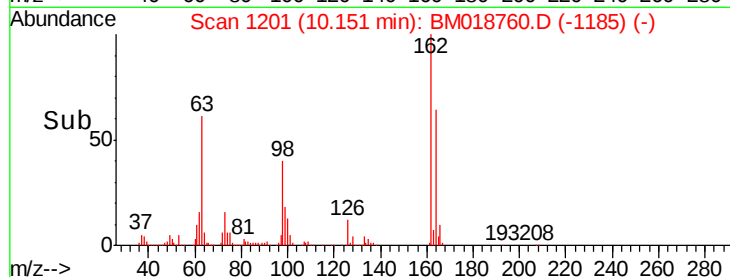
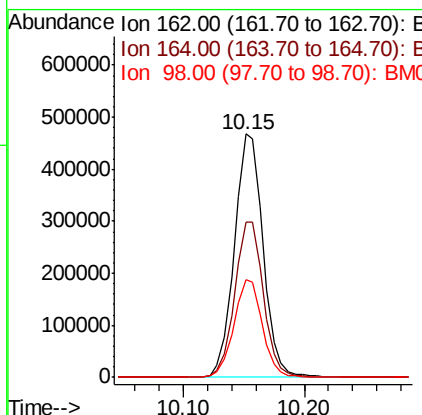
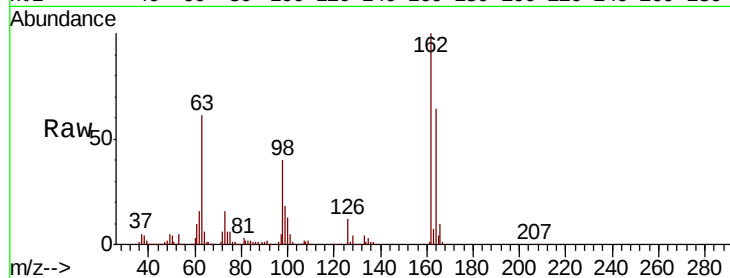




#29
 2,4-Dichlorophenol
 Concen: 43.749 ng
 RT: 10.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BM018760.D
 Acq: 11 Feb 2019 16:21

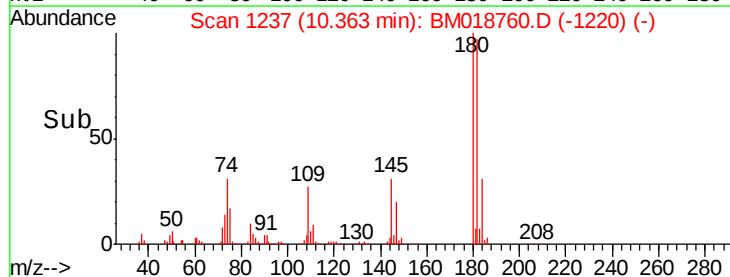
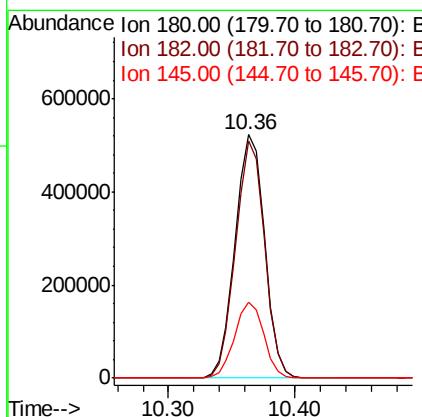
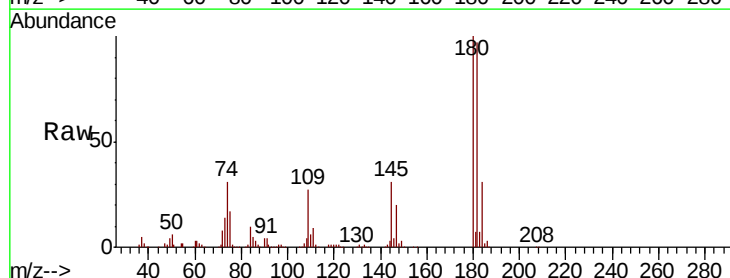
Instrument :
 BNA_M
 ClientSampleId :
 PB116995BS

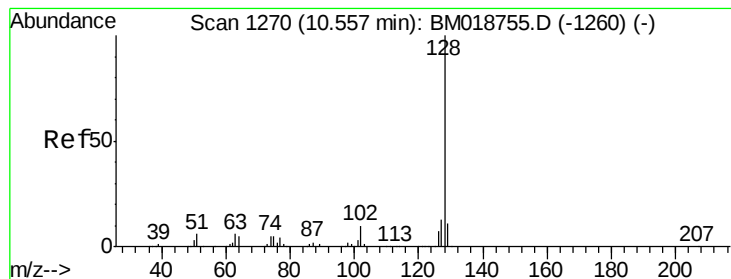
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.0	44.1	84.1
98	40.1	19.4	59.4



#30
 1,2,4-Trichlorobenzene
 Concen: 41.187 ng
 RT: 10.36 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: BM018760.D
 Acq: 11 Feb 2019 16:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	75.0	112.6
145	31.0	24.1	36.1

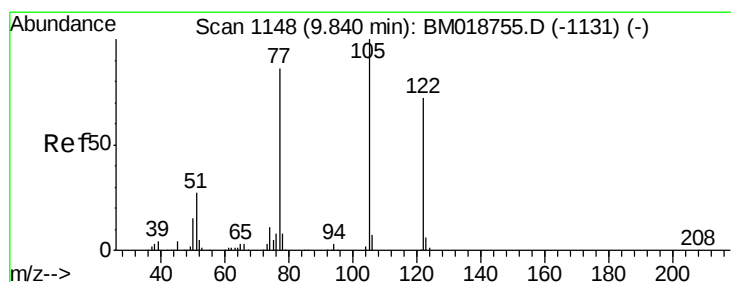
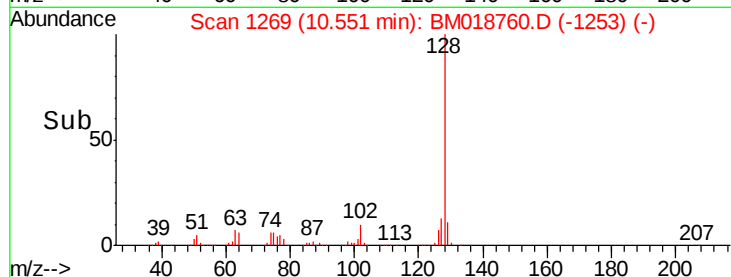
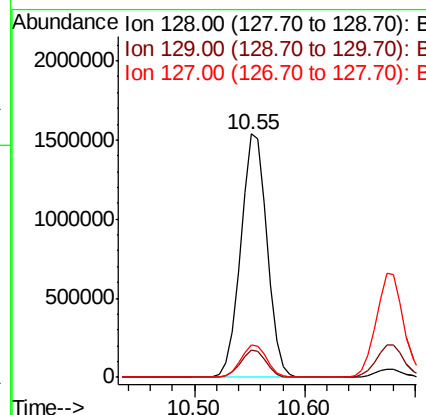
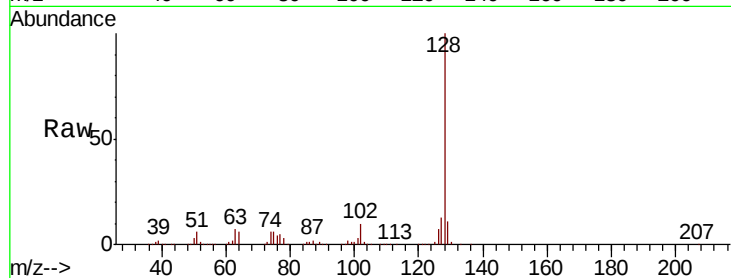




#31
Naphthalene
Concen: 44.703 ng
RT: 10.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BM018760.D
Acq: 11 Feb 2019 16:21

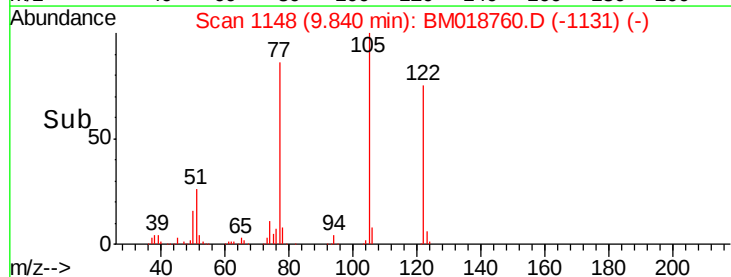
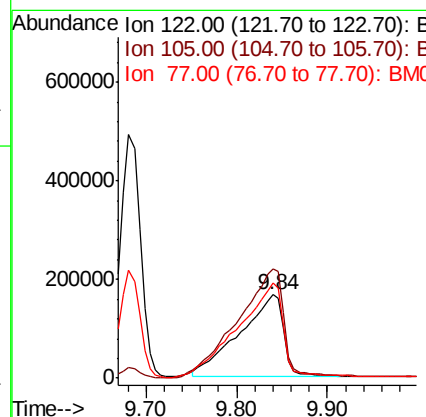
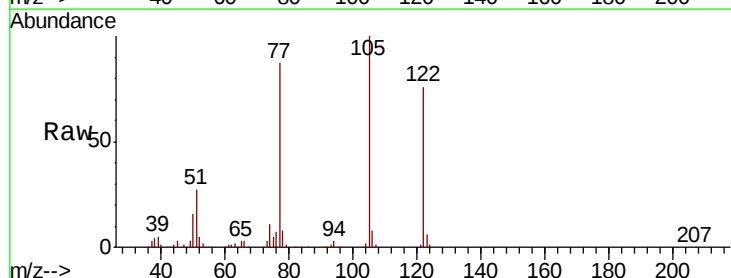
Instrument :
BNA_M
ClientSampleId :
PB116995BS

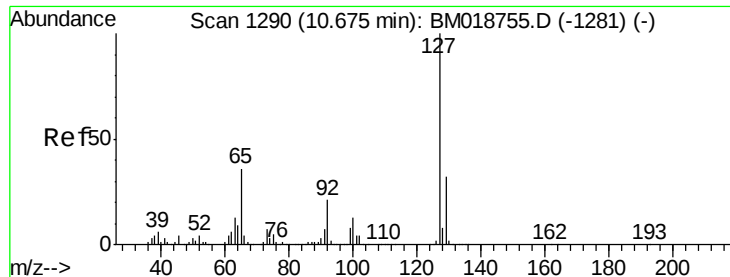
Tgt Ion:128 Resp: 2576367
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 13.2 10.7 16.1



#32
Benzoic acid
Concen: 40.830 ng
RT: 9.84 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BM018760.D
Acq: 11 Feb 2019 16:21

Tgt Ion:122 Resp: 549560
Ion Ratio Lower Upper
122 100
105 130.8 117.5 157.5
77 113.9 98.5 138.5

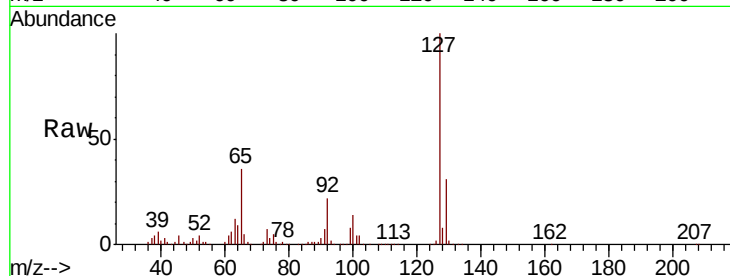




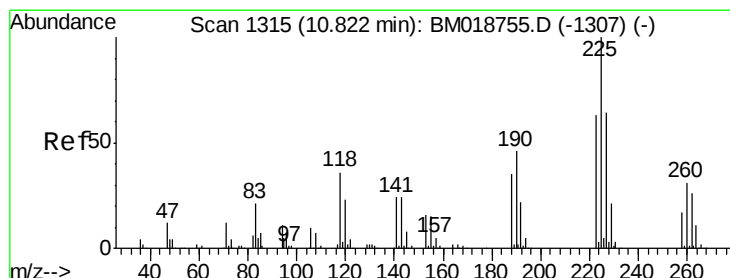
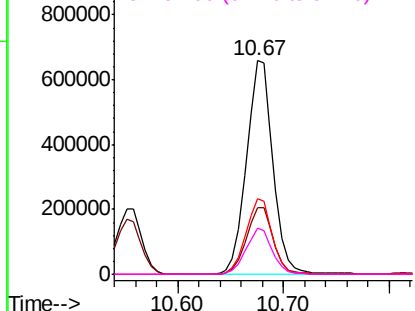
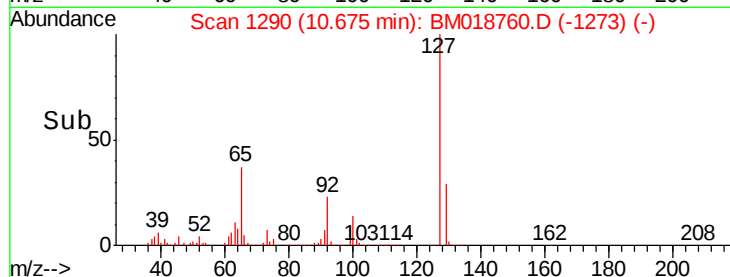
#33
4-Chloroaniline
Concen: 44.454 ng
RT: 10.67 min Scan# 1290
Delta R.T. 0.00 min
Lab File: BM018760.D
Acq: 11 Feb 2019 16:21

Instrument :
BNA_M
ClientSampleId :
PB116995BS

Tgt Ion:127 Resp: 1145272
Ion Ratio Lower Upper
127 100
129 31.4 25.7 38.5
65 35.6 28.7 43.1
92 21.7 17.0 25.4

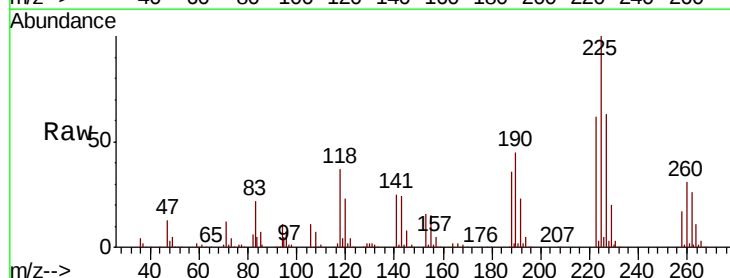


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

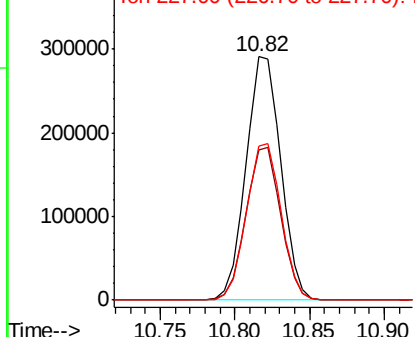
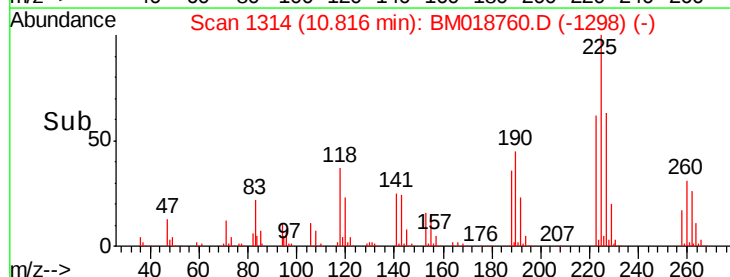


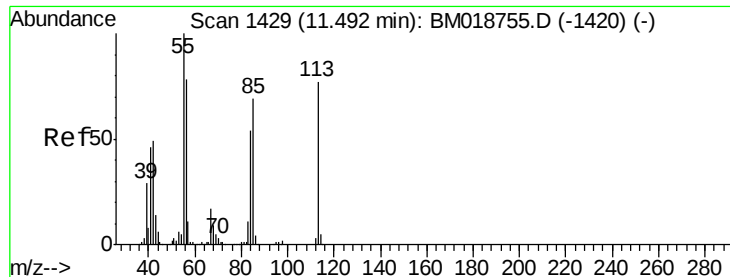
#34
Hexachlorobutadiene
Concen: 39.408 ng
RT: 10.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BM018760.D
Acq: 11 Feb 2019 16:21

Tgt Ion:225 Resp: 468027
Ion Ratio Lower Upper
225 100
223 61.7 50.1 75.1
227 63.1 51.4 77.0



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: 21.207 ng

RT: 11.49 min Scan# 1429

Delta R.T. 0.00 min

Lab File: BM018760.D

Acq: 11 Feb 2019 16:21

Instrument :

BNA_M

ClientSampleId :

PB116995BS

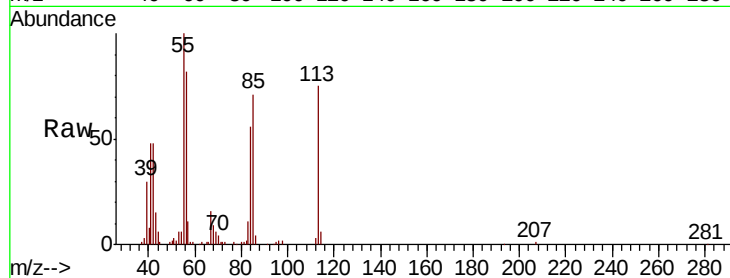
Tgt Ion:113 Resp: 153340

Ion Ratio Lower Upper

113 100

55 132.7 110.7 150.7

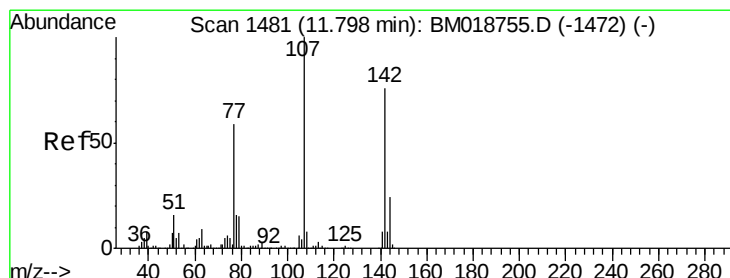
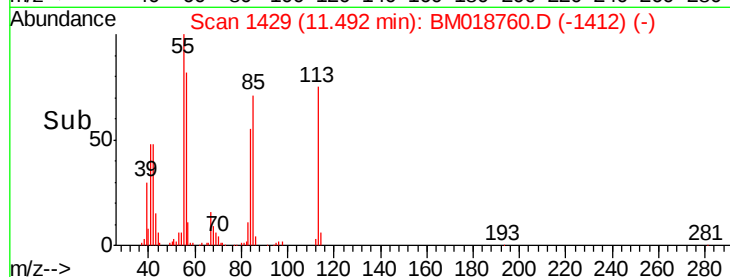
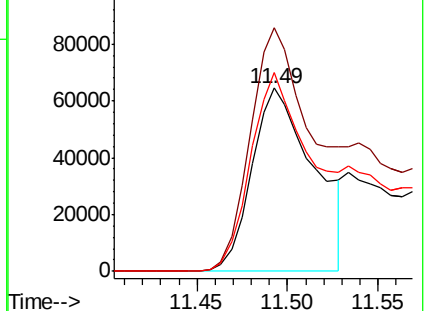
56 108.3 82.4 122.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 43.867 ng

RT: 11.80 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BM018760.D

Acq: 11 Feb 2019 16:21

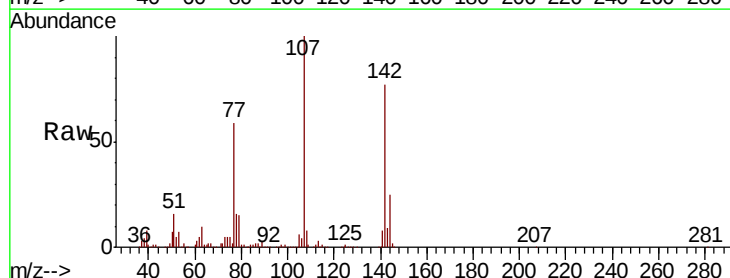
Tgt Ion:107 Resp: 937056

Ion Ratio Lower Upper

107 100

144 25.3 19.3 28.9

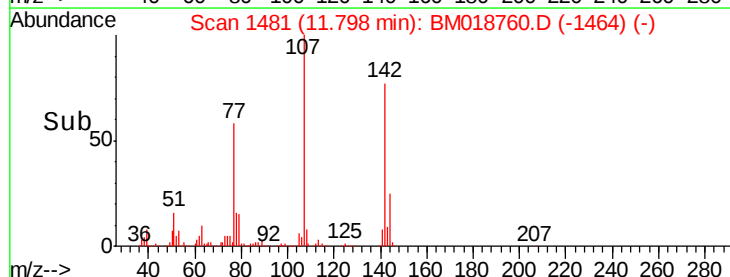
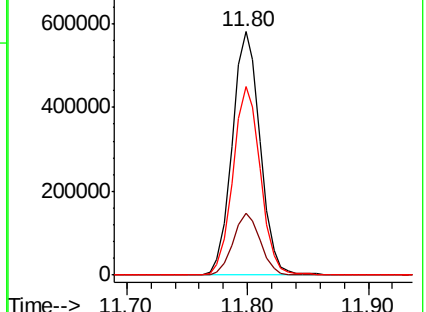
142 77.5 60.5 90.7

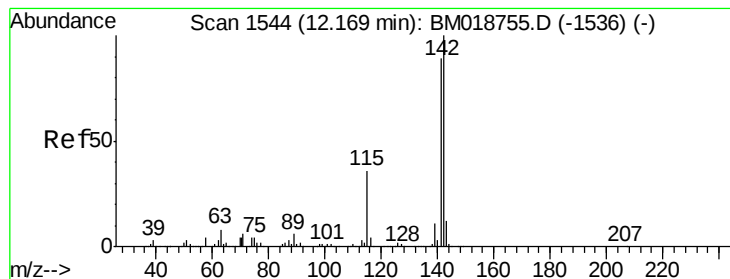


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 47.054 ng

RT: 12.17 min Scan# 1544

Delta R.T. 0.00 min

Lab File: BM018760.D

Acq: 11 Feb 2019 16:21

Instrument :

BNA_M

ClientSampleId :

PB116995BS

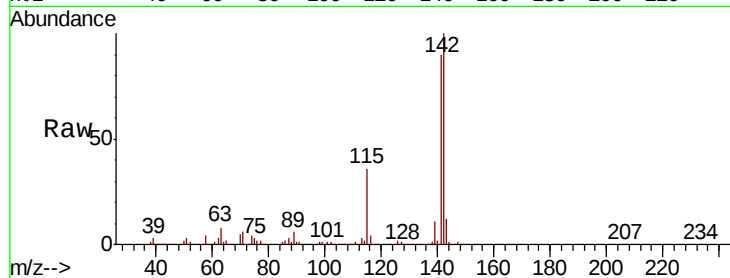
Tgt Ion:142 Resp: 1909343

Ion Ratio Lower Upper

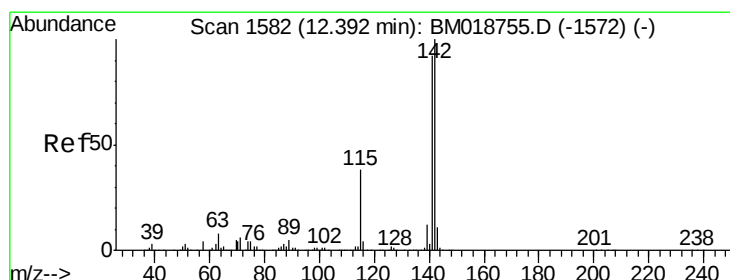
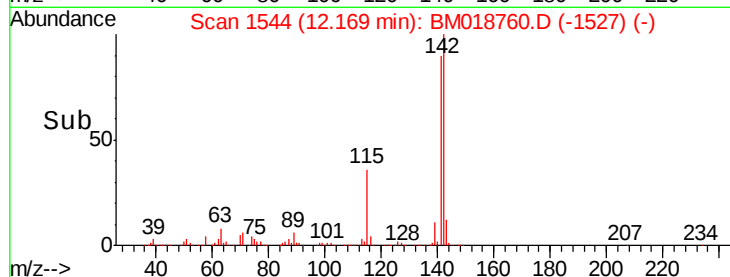
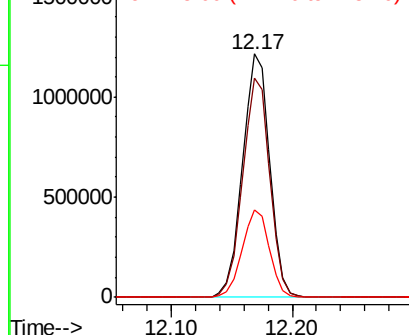
142 100

141 90.0 71.2 106.8

115 36.0 29.1 43.7



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



#38

1-Methylnaphthalene

Concen: 46.204 ng

RT: 12.39 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BM018760.D

Acq: 11 Feb 2019 16:21

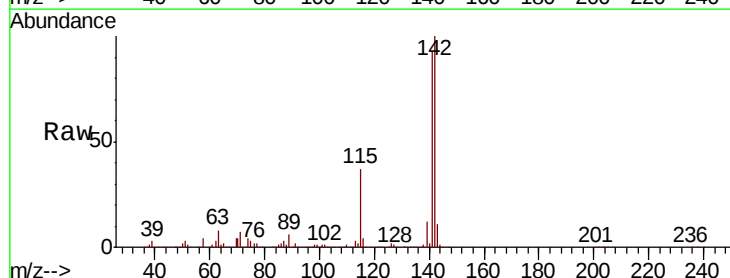
Tgt Ion:142 Resp: 1833350

Ion Ratio Lower Upper

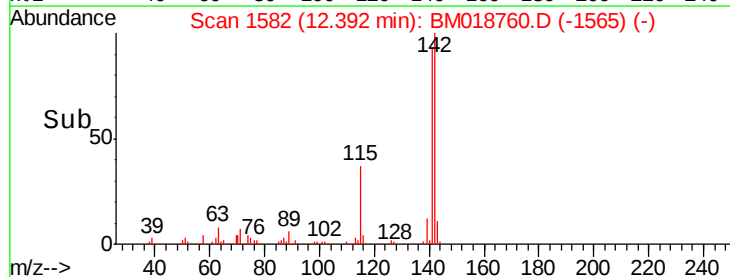
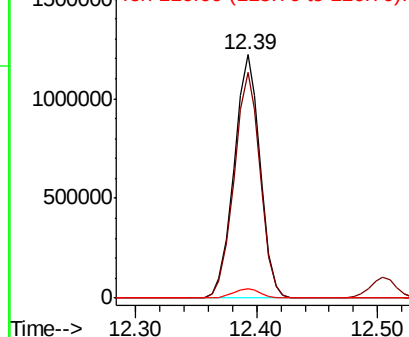
142 100

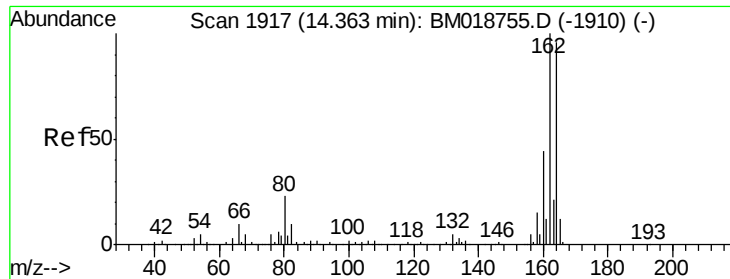
141 93.0 73.9 110.9

116 4.0 3.0 4.4



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.36 min Scan# 1917

Delta R.T. 0.00 min

Lab File: BM018760.D

Acq: 11 Feb 2019 16:21

Instrument :

BNA_M

ClientSampleId :

PB116995BS

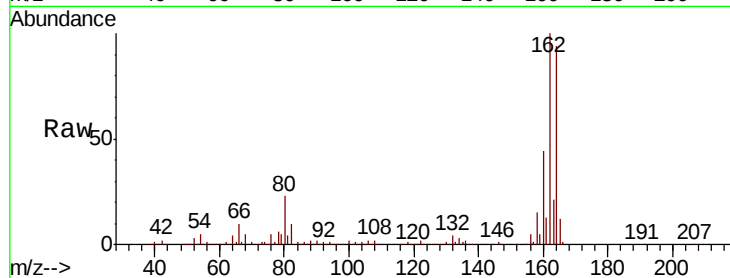
Tgt Ion:164 Resp: 699747

Ion Ratio Lower Upper

164 100

162 106.0 83.4 125.0

160 46.4 36.6 55.0

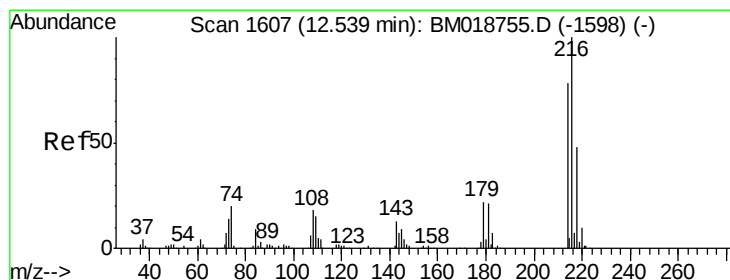
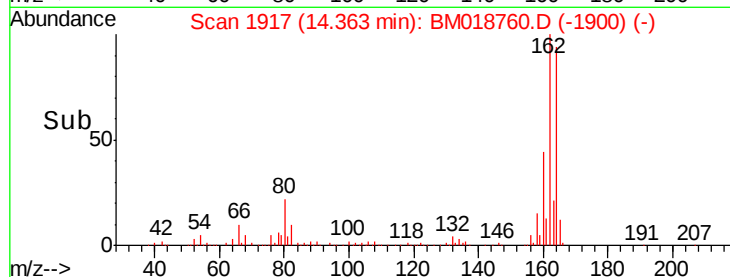
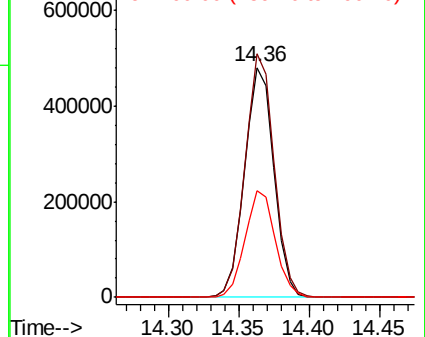


Abundance

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: 41.107 ng

RT: 12.54 min Scan# 1607

Delta R.T. 0.00 min

Lab File: BM018760.D

Acq: 11 Feb 2019 16:21

Tgt Ion:216 Resp: 920161

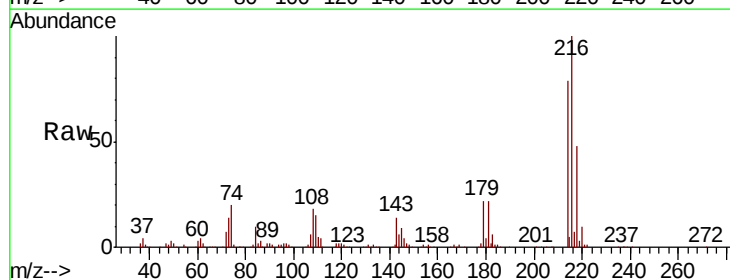
Ion Ratio Lower Upper

216 100

214 79.0 63.2 94.8

179 22.0 17.8 26.8

108 23.0 16.4 24.6



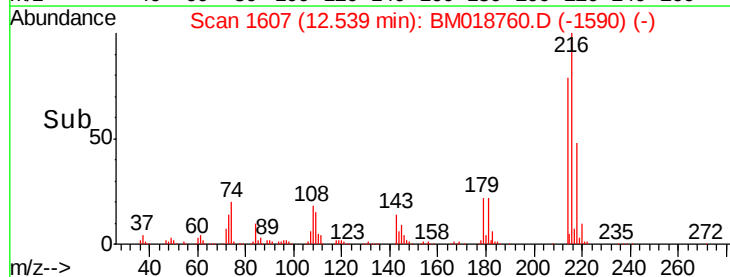
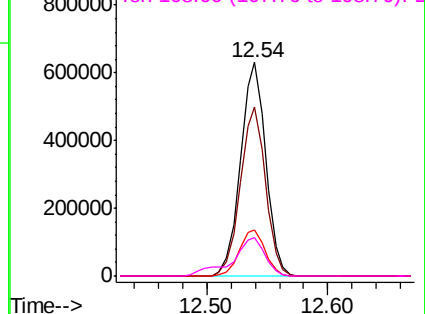
Abundance

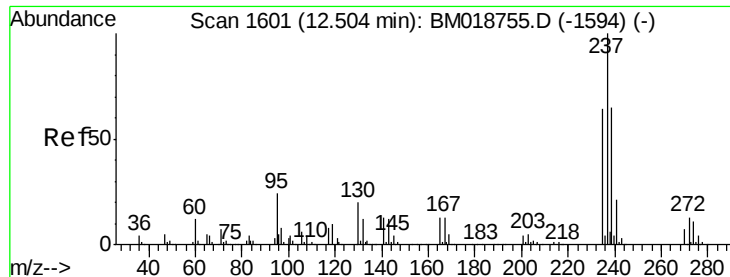
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 108.379 ng

RT: 12.50 min Scan# 1601

Delta R.T. 0.00 min

Lab File: BM018760.D

Acq: 11 Feb 2019 16:21

Instrument :

BNA_M

ClientSampleId :

PB116995BS

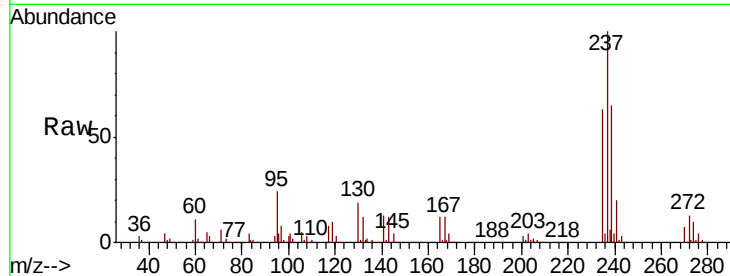
Tgt Ion:237 Resp: 1240332

Ion Ratio Lower Upper

237 100

235 62.8 43.7 83.7

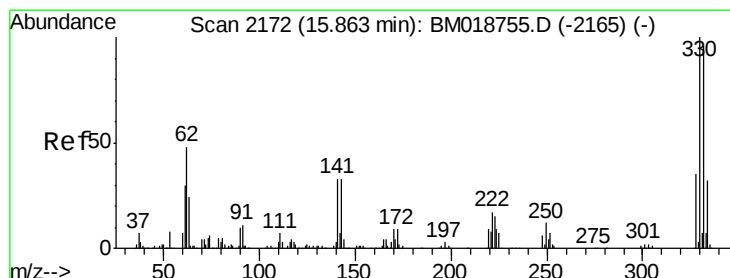
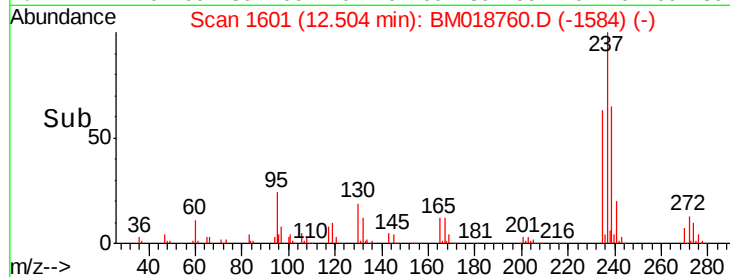
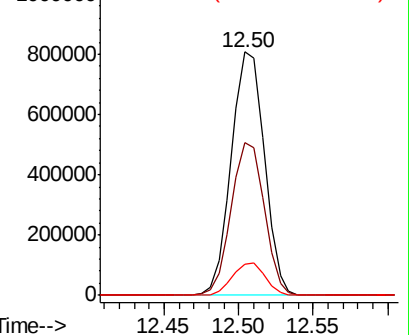
272 12.9 0.0 33.3



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: 158.812 ng

RT: 15.86 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BM018760.D

Acq: 11 Feb 2019 16:21

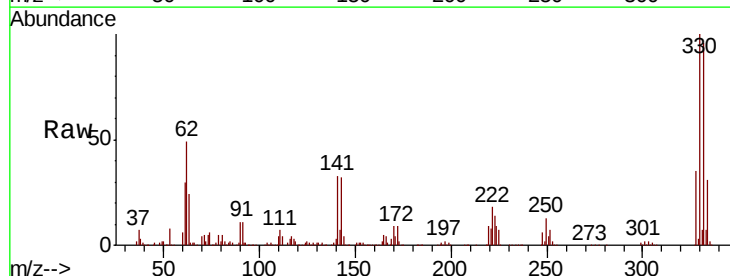
Tgt Ion:330 Resp: 1601887

Ion Ratio Lower Upper

330 100

332 96.9 76.9 115.3

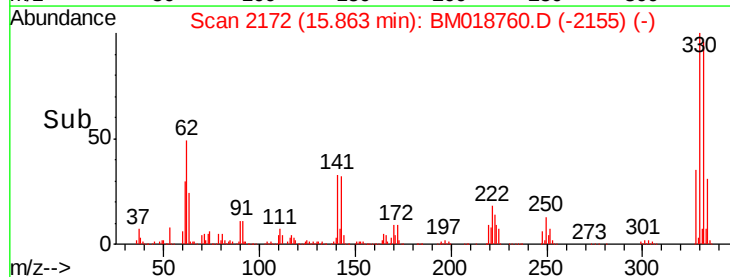
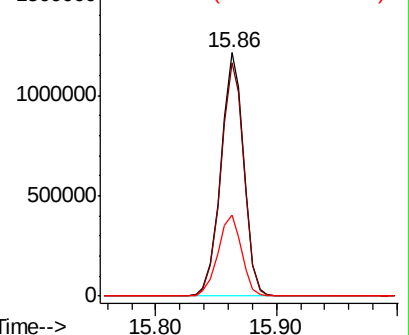
141 34.2 28.7 43.1



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

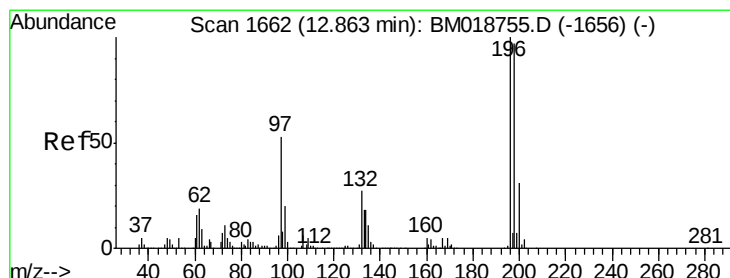
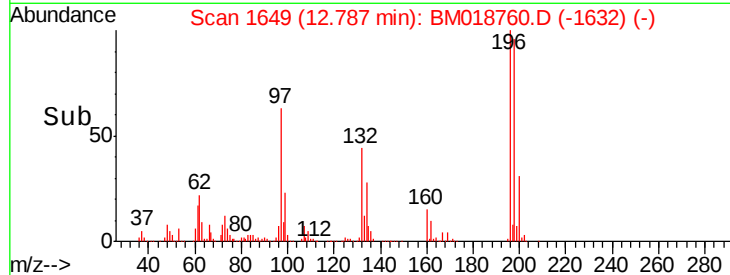
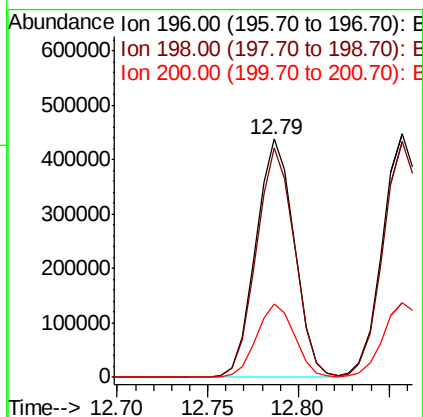
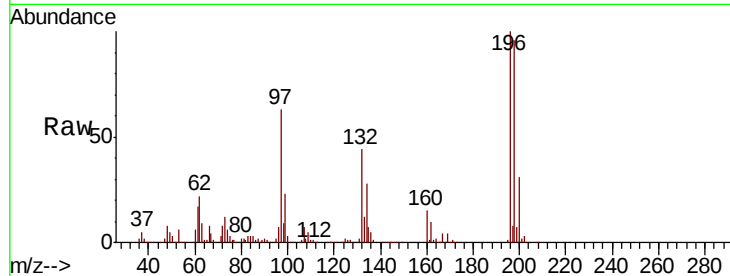




#43
 2,4,6-Trichlorophenol
 Concen: 43.665 ng
 RT: 12.79 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: BM018760.D
 Acq: 11 Feb 2019 16:21

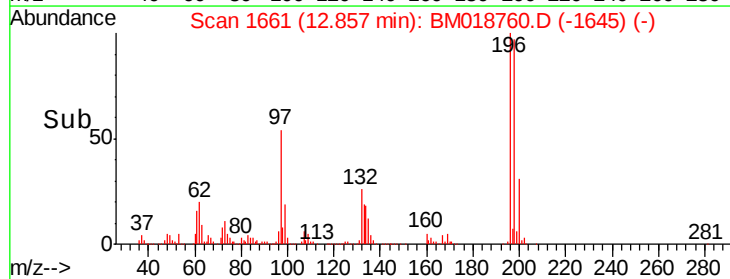
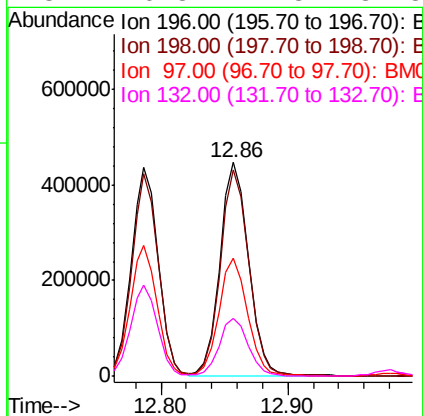
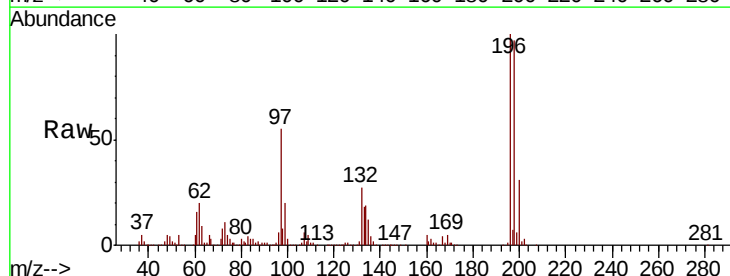
Instrument :
 BNA_M
 ClientSampleId :
 PB116995BS

Tgt Ion:196 Resp: 647049
 Ion Ratio Lower Upper
 196 100
 198 96.4 76.2 114.2
 200 30.8 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 44.840 ng
 RT: 12.86 min Scan# 1661
 Delta R.T. -0.01 min
 Lab File: BM018760.D
 Acq: 11 Feb 2019 16:21

Tgt Ion:196 Resp: 696441
 Ion Ratio Lower Upper
 196 100
 198 96.8 77.6 116.4
 97 55.3 42.8 64.2
 132 26.8 21.8 32.8

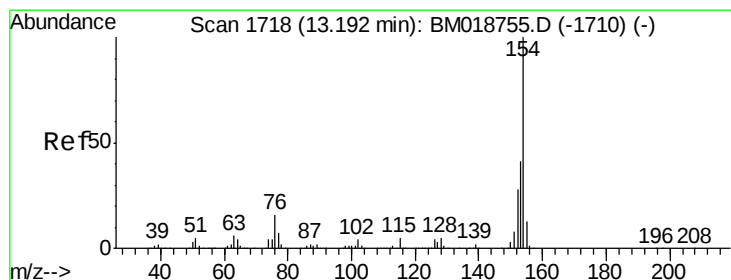
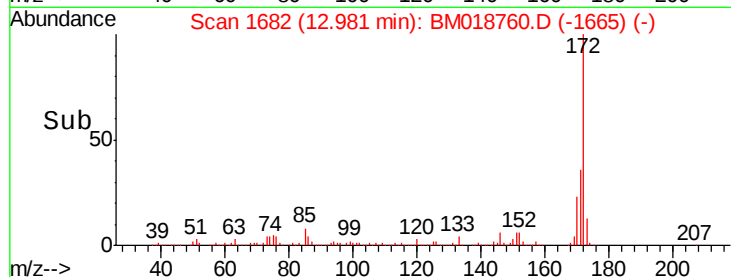
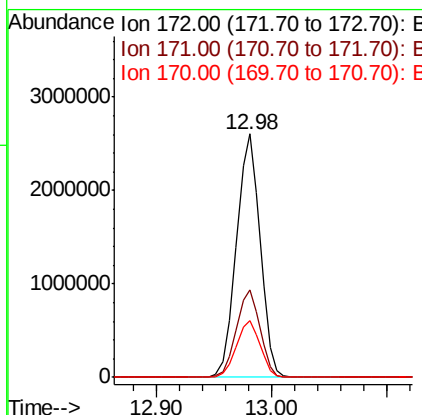
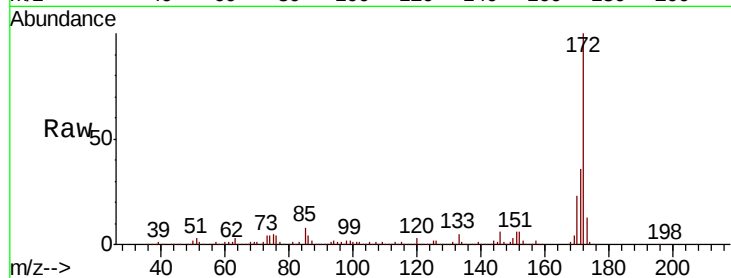




#45
2-Fluorobiphenyl
Concen: 70.000 ng
RT: 12.98 min Scan# 1682
Delta R.T. 0.00 min
Lab File: BM018760.D
Acq: 11 Feb 2019 16:21

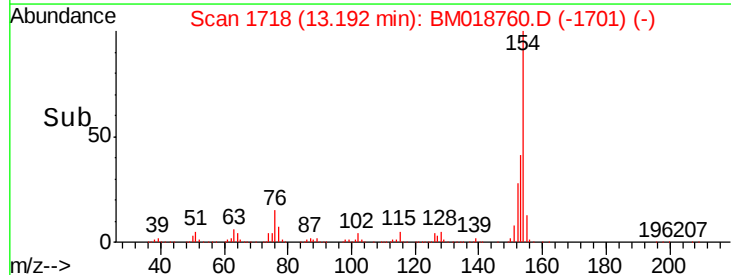
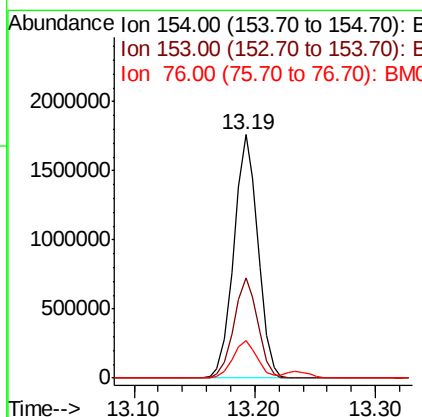
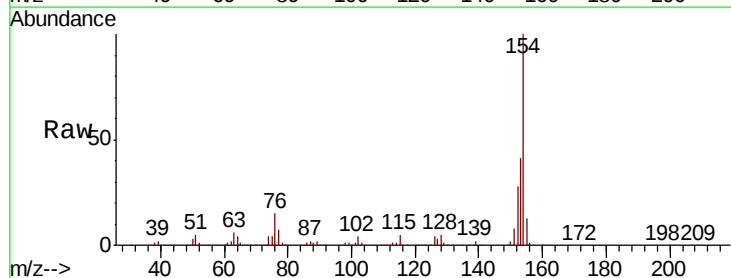
Instrument :
BNA_M
ClientSampleId :
PB116995BS

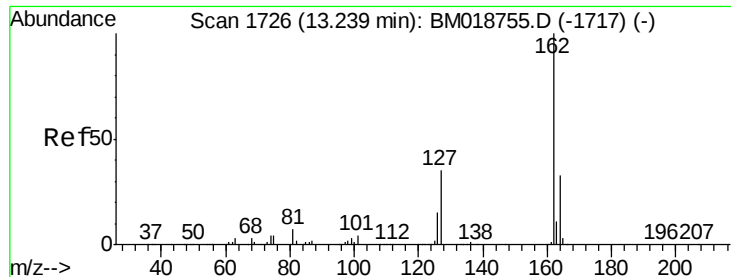
Tgt Ion:172 Resp: 3689887
Ion Ratio Lower Upper
172 100
171 35.8 29.0 43.6
170 23.4 18.6 28.0



#46
1,1'-Biphenyl
Concen: 40.664 ng
RT: 13.19 min Scan# 1718
Delta R.T. 0.00 min
Lab File: BM018760.D
Acq: 11 Feb 2019 16:21

Tgt Ion:154 Resp: 2449291
Ion Ratio Lower Upper
154 100
153 41.0 21.1 61.1
76 15.4 0.0 35.7





#47

2-Chloronaphthalene

Concen: 40.798 ng

RT: 13.23 min Scan# 1725

Delta R.T. -0.01 min

Lab File: BM018760.D

Acq: 11 Feb 2019 16:21

Instrument :

BNA_M

ClientSampleId :

PB116995BS

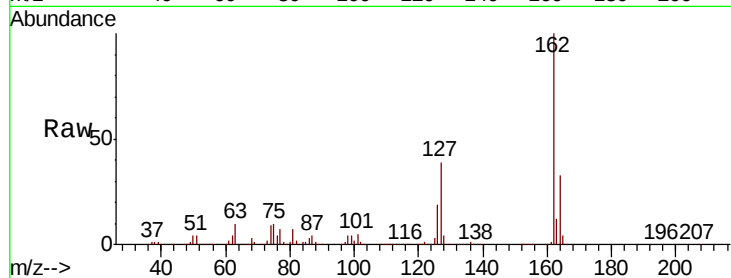
Tgt Ion: 162 Resp: 1898062

Ion Ratio Lower Upper

162 100

127 39.0 31.1 46.7

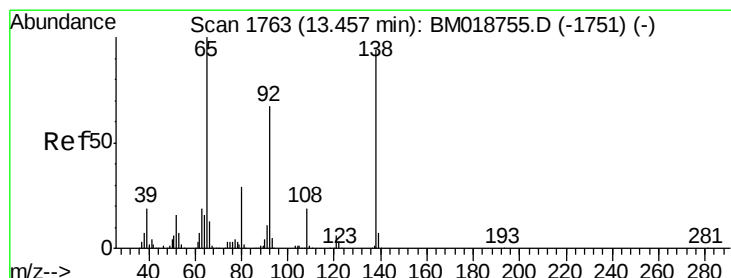
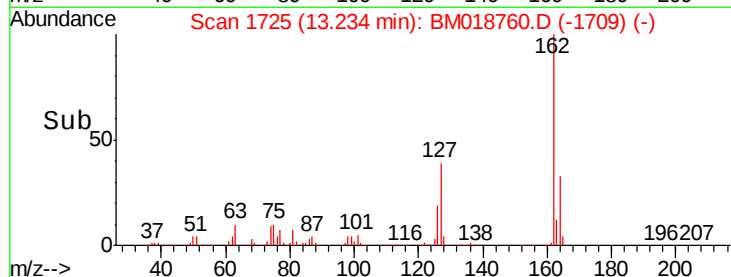
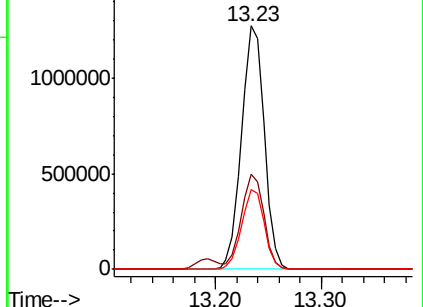
164 32.8 26.4 39.6



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: 44.146 ng

RT: 13.46 min Scan# 1763

Delta R.T. 0.00 min

Lab File: BM018760.D

Acq: 11 Feb 2019 16:21

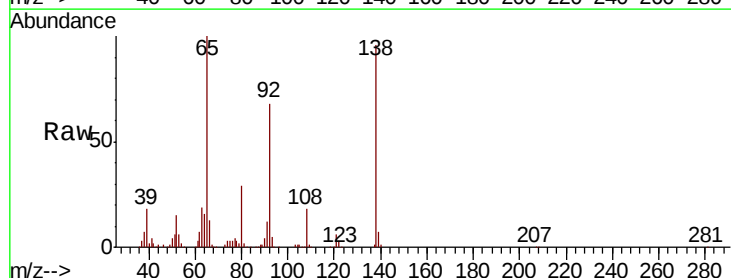
Tgt Ion: 65 Resp: 682112

Ion Ratio Lower Upper

65 100

92 67.6 54.0 81.0

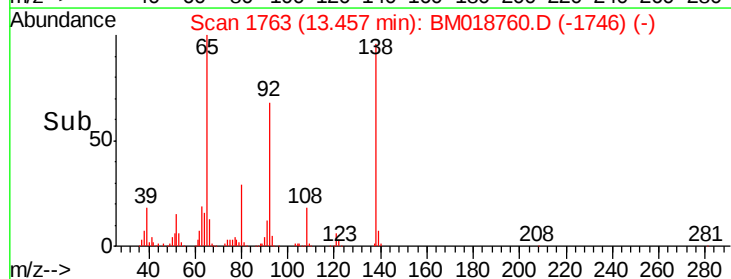
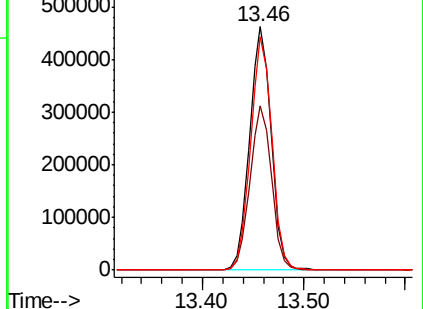
138 95.7 74.9 112.3

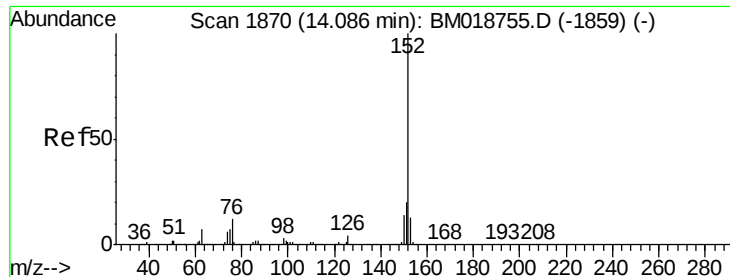


Abundance Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 45.469 ng

RT: 14.09 min Scan# 1870

Delta R.T. 0.00 min

Lab File: BM018760.D

Acq: 11 Feb 2019 16:21

Instrument :

BNA_M

ClientSampleId :

PB116995BS

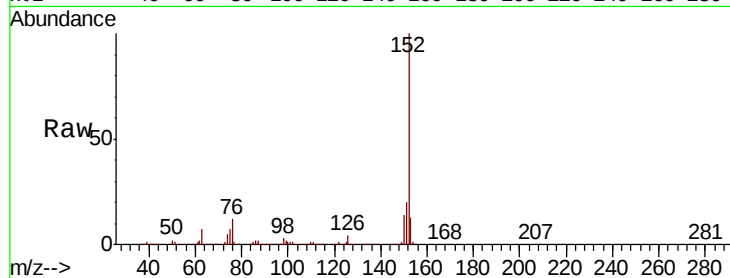
Tgt Ion:152 Resp: 3149772

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.8

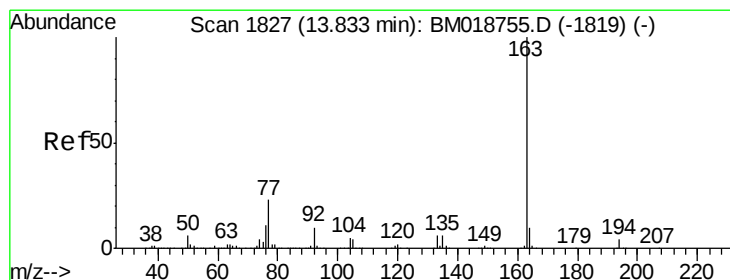
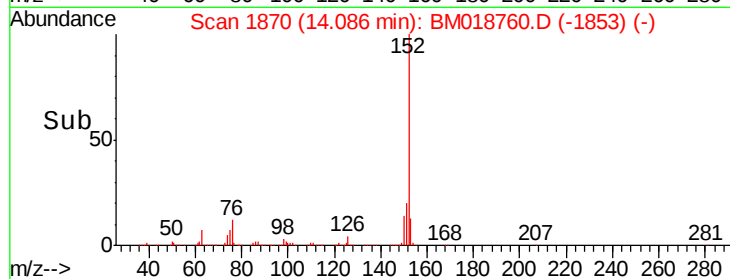
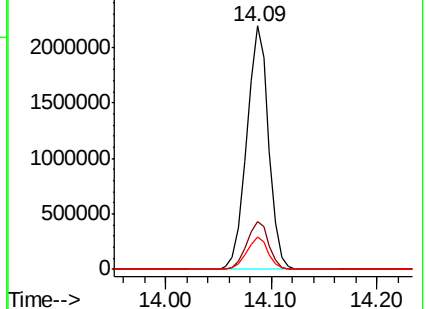
153 13.3 10.5 15.7



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: 43.457 ng

RT: 13.83 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BM018760.D

Acq: 11 Feb 2019 16:21

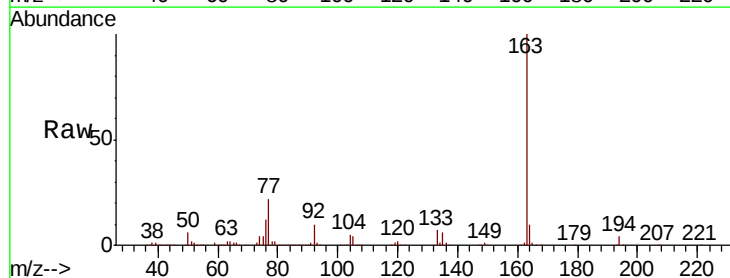
Tgt Ion:163 Resp: 2534274

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

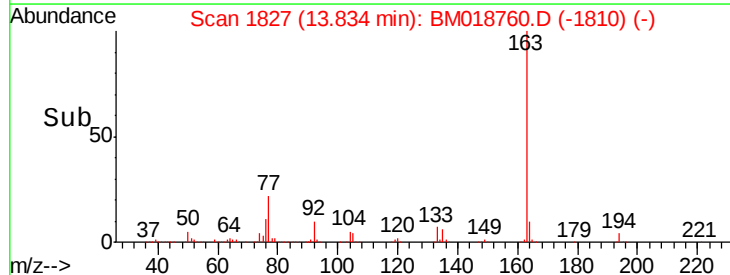
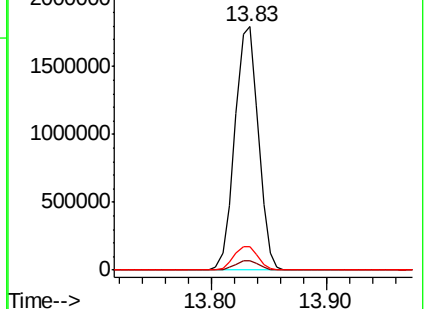
164 9.8 7.8 11.8

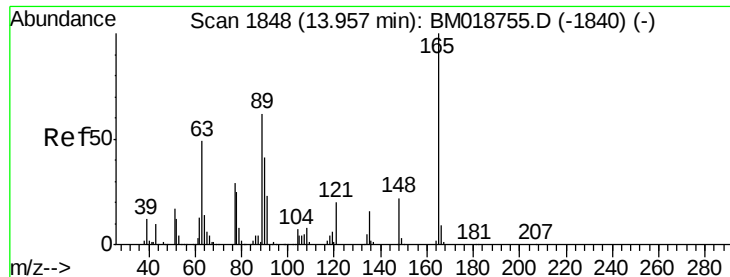


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

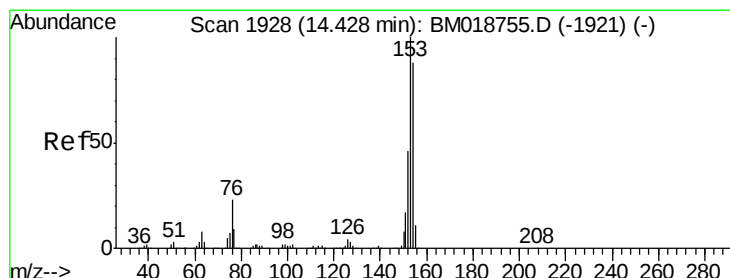
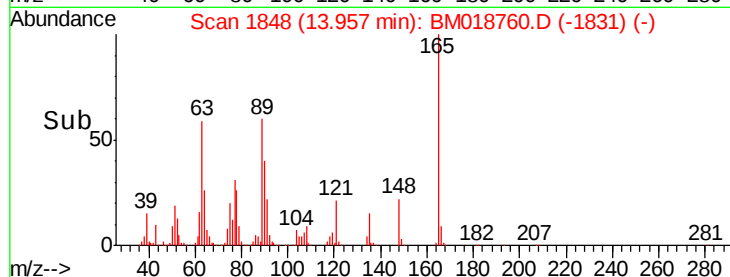
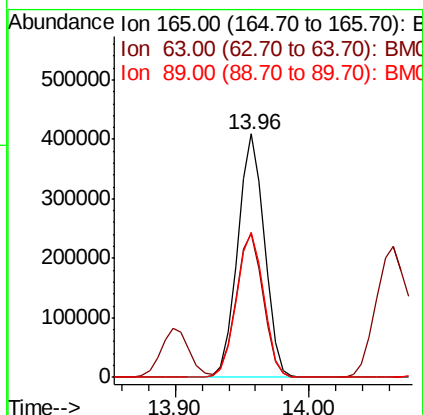
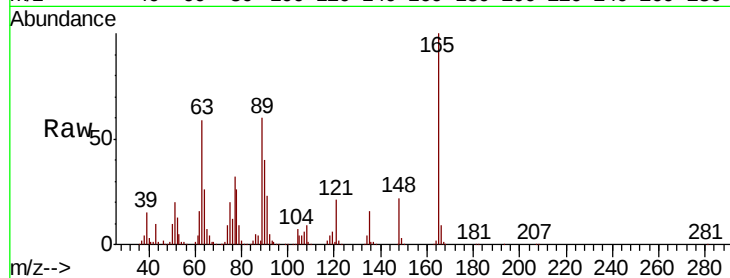




#51
 2,6-Dinitrotoluene
 Concen: 44.661 ng
 RT: 13.96 min Scan# 1848
 Delta R.T. 0.00 min
 Lab File: BM018760.D
 Acq: 11 Feb 2019 16:21

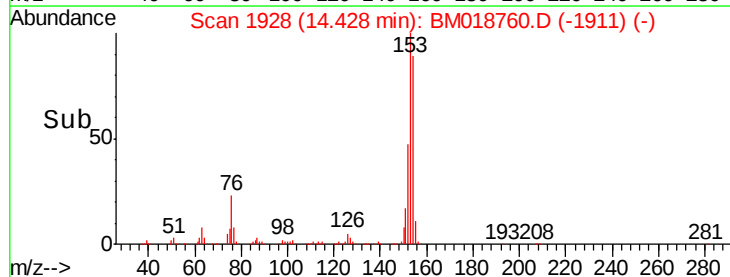
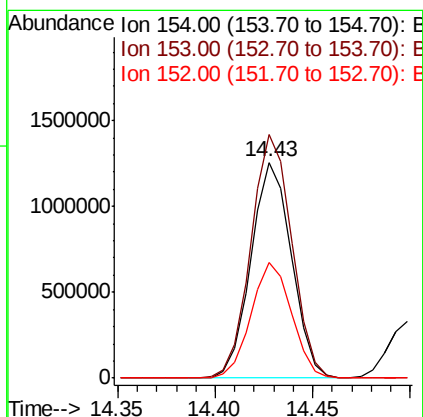
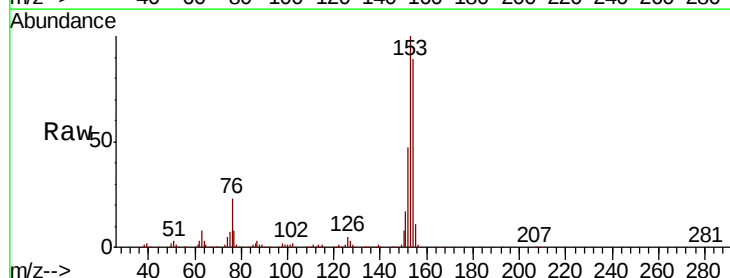
Instrument :
 BNA_M
 ClientSampleId :
 PB116995BS

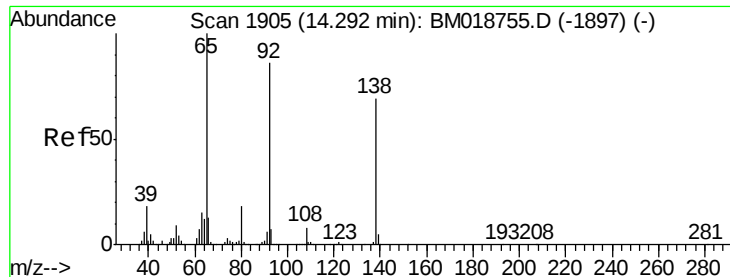
Tgt Ion:165 Resp: 564184
 Ion Ratio Lower Upper
 165 100
 63 59.2 48.9 73.3
 89 59.7 49.4 74.0



#52
 Acenaphthene
 Concen: 42.652 ng
 RT: 14.43 min Scan# 1928
 Delta R.T. 0.00 min
 Lab File: BM018760.D
 Acq: 11 Feb 2019 16:21

Tgt Ion:154 Resp: 1811724
 Ion Ratio Lower Upper
 154 100
 153 112.8 91.3 136.9
 152 53.5 42.2 63.4

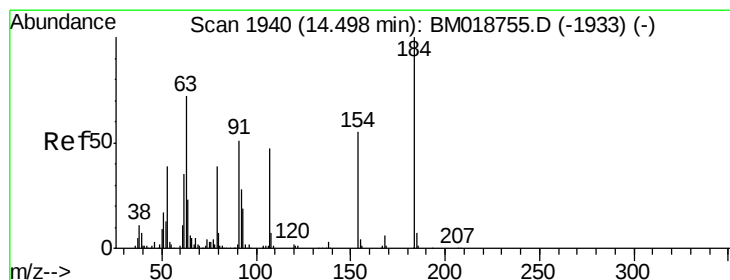
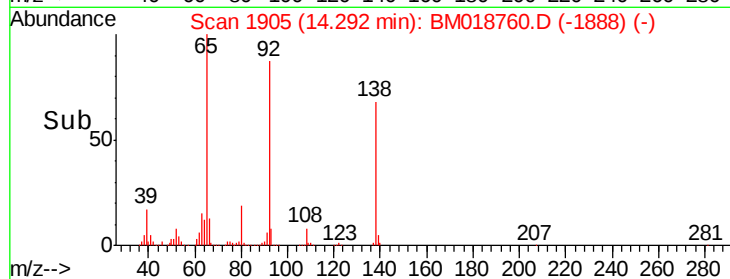
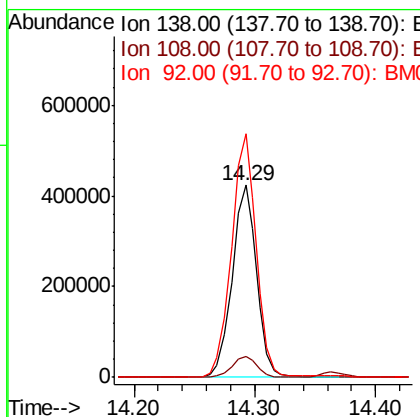
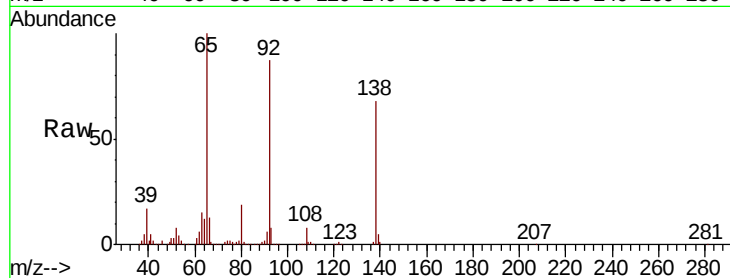




#53
 3-Nitroaniline
 Concen: 41.895 ng
 RT: 14.29 min Scan# 1905
 Delta R.T. 0.00 min
 Lab File: BM018760.D
 Acq: 11 Feb 2019 16:21

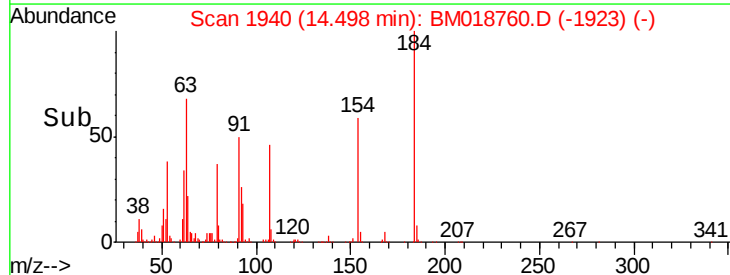
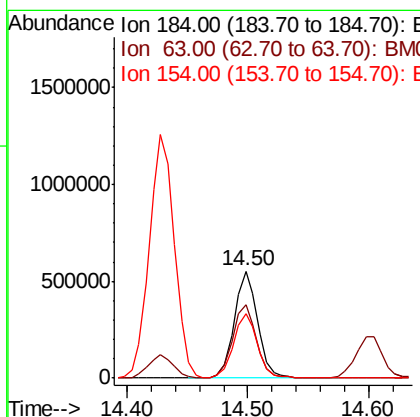
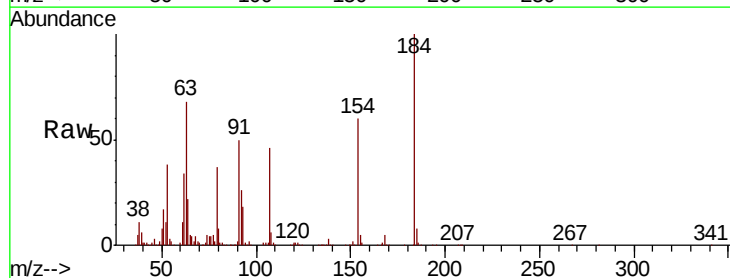
Instrument :
 BNA_M
 ClientSampleId :
 PB116995BS

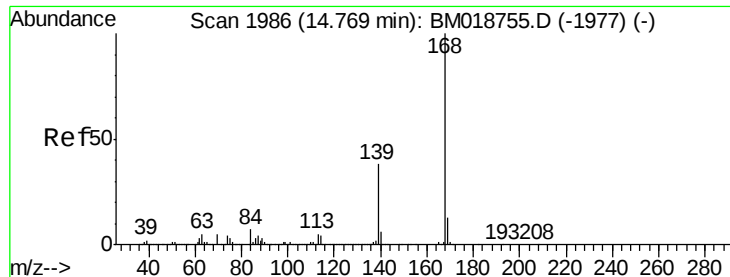
Tgt Ion:138 Resp: 597992
 Ion Ratio Lower Upper
 138 100
 108 11.0 9.1 13.7
 92 127.0 99.7 149.5



#54
 2,4-Dinitrophenol
 Concen: 91.846 ng
 RT: 14.50 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: BM018760.D
 Acq: 11 Feb 2019 16:21

Tgt Ion:184 Resp: 743593
 Ion Ratio Lower Upper
 184 100
 63 68.2 58.0 87.0
 154 60.4 50.3 75.5





#55

Dibenzofuran

Concen: 42.075 ng

RT: 14.77 min Scan# 1986

Delta R.T. 0.00 min

Lab File: BM018760.D

Acq: 11 Feb 2019 16:21

Instrument :

BNA_M

ClientSampleId :

PB116995BS

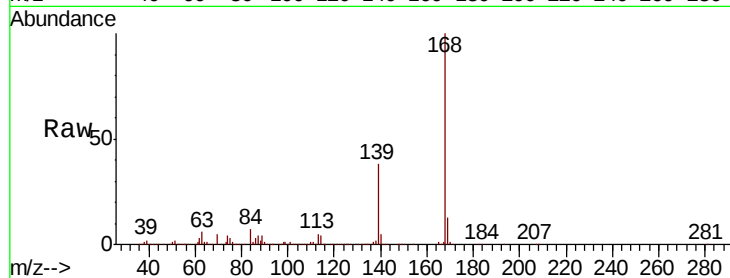
Tgt Ion:168 Resp: 2937523

Ion Ratio Lower Upper

168 100

139 37.5 30.7 46.1

169 13.3 10.3 15.5

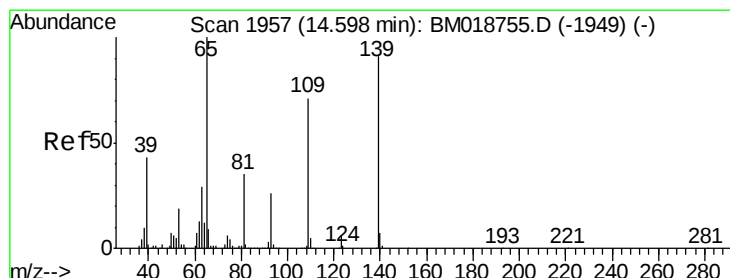
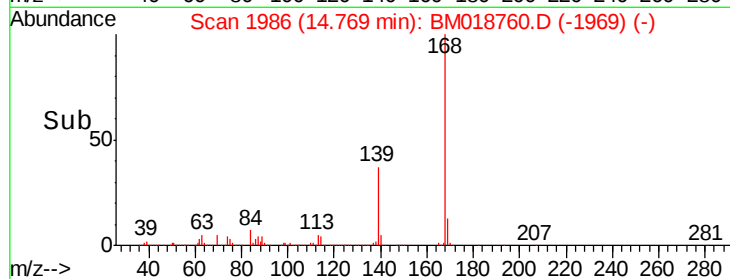
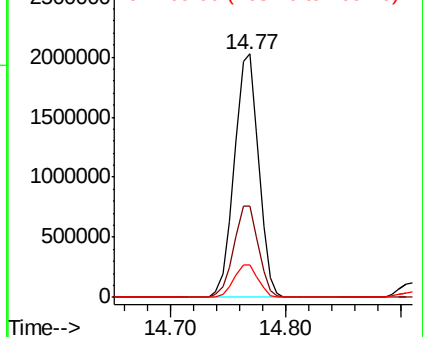


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 91.615 ng

RT: 14.60 min Scan# 1958

Delta R.T. 0.01 min

Lab File: BM018760.D

Acq: 11 Feb 2019 16:21

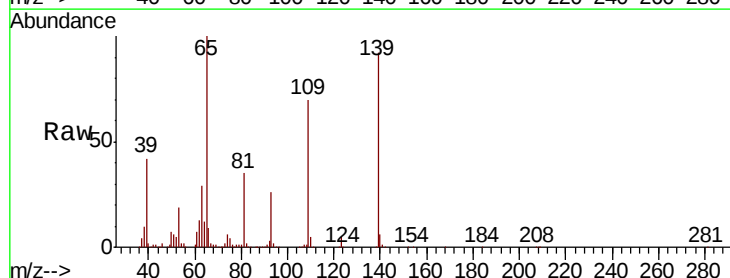
Tgt Ion:139 Resp: 1043886

Ion Ratio Lower Upper

139 100

109 76.5 58.4 98.4

65 108.8 89.8 129.8

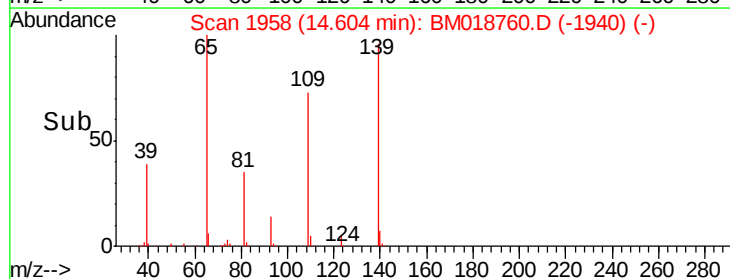
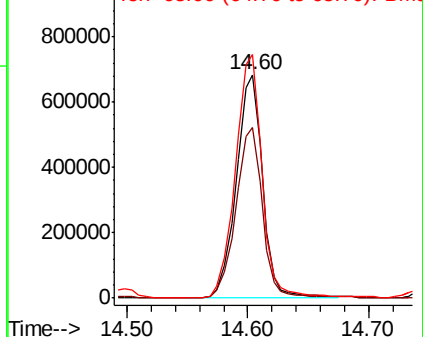


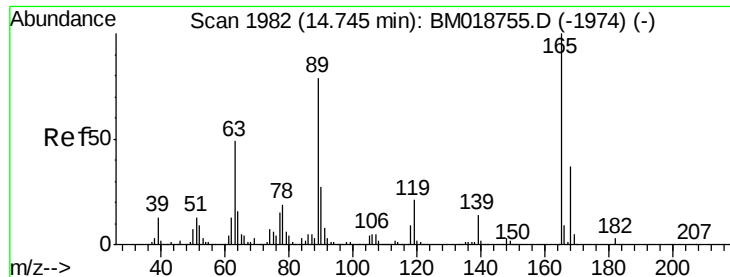
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

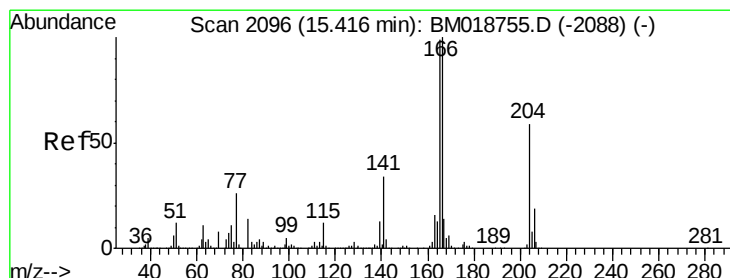
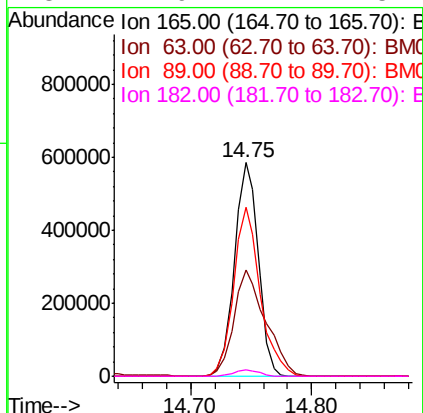
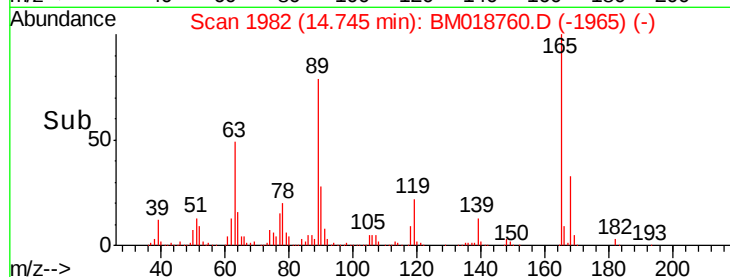
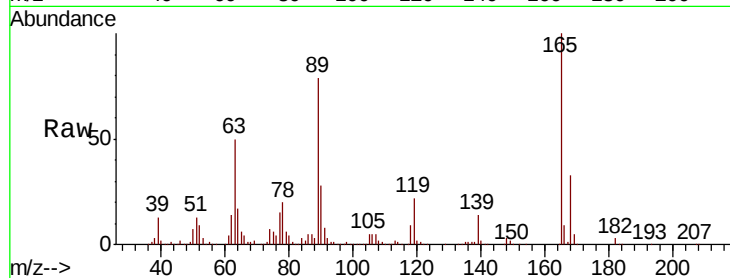




#57
2,4-Dinitrotoluene
Concen: 46.220 ng
RT: 14.75 min Scan# 1982
Delta R.T. 0.00 min
Lab File: BM018760.D
Acq: 11 Feb 2019 16:21

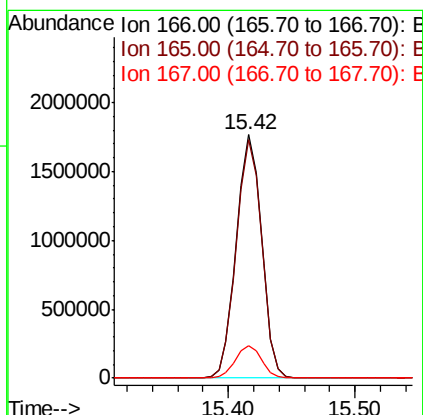
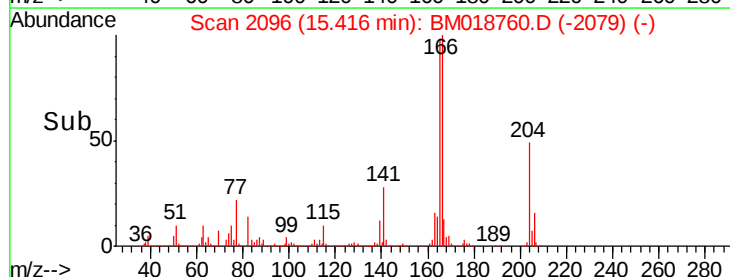
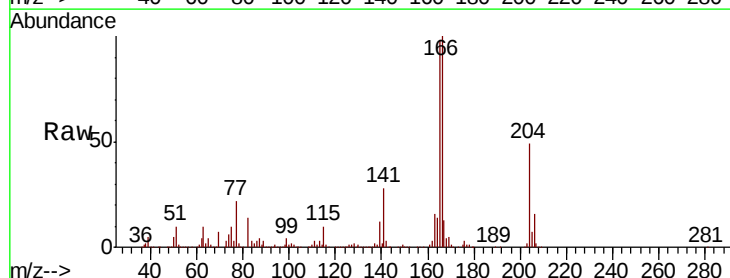
Instrument :
BNA_M
ClientSampleId :
PB116995BS

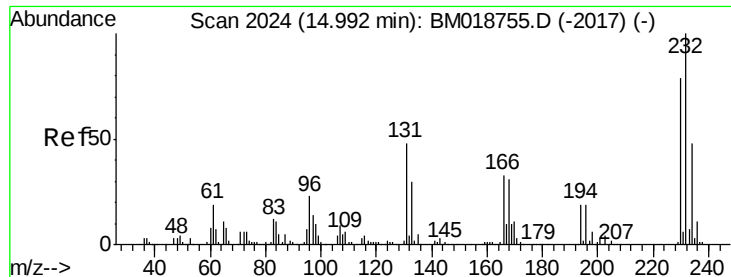
Tgt Ion:165 Resp: 804479
Ion Ratio Lower Upper
165 100
63 49.5 39.6 59.4
89 79.0 63.5 95.3
182 2.9 2.2 3.4



#58
Fluorene
Concen: 45.664 ng
RT: 15.42 min Scan# 2096
Delta R.T. 0.00 min
Lab File: BM018760.D
Acq: 11 Feb 2019 16:21

Tgt Ion:166 Resp: 2438986
Ion Ratio Lower Upper
166 100
165 98.0 79.1 118.7
167 13.4 11.0 16.4

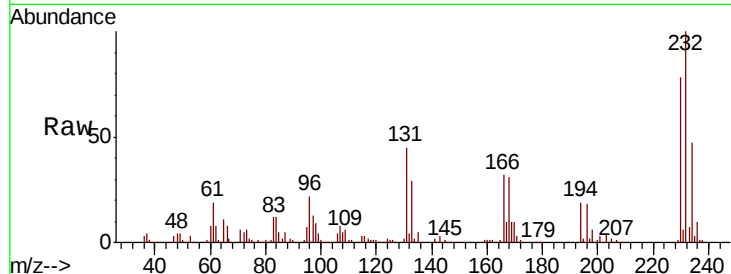




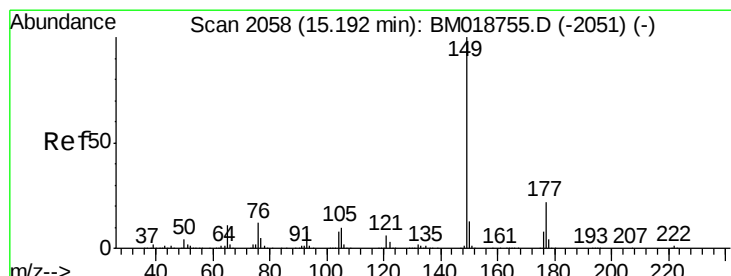
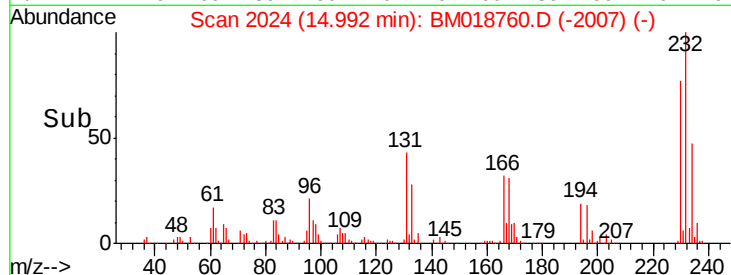
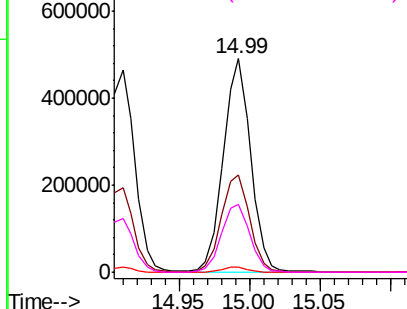
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.823 ng
 RT: 14.99 min Scan# 2024
 Delta R.T. 0.00 min
 Lab File: BM018760.D
 Acq: 11 Feb 2019 16:21

Instrument :
 BNA_M
 ClientSampleId :
 PB116995BS

Tgt Ion:	232	Resp:	656537
Ion	Ratio	Lower	Upper
232	100		
131	47.3	38.6	57.8
130	2.4	2.0	3.0
166	33.0	26.9	40.3

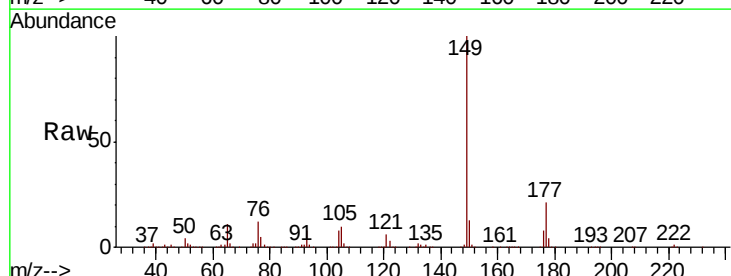


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

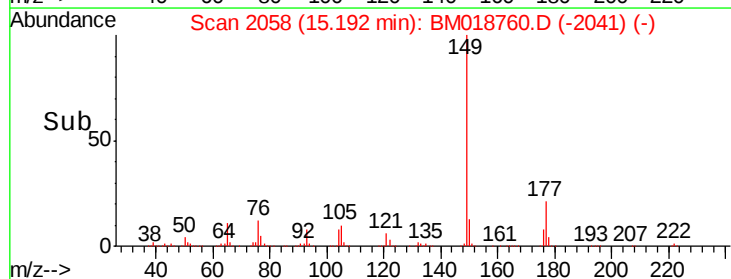
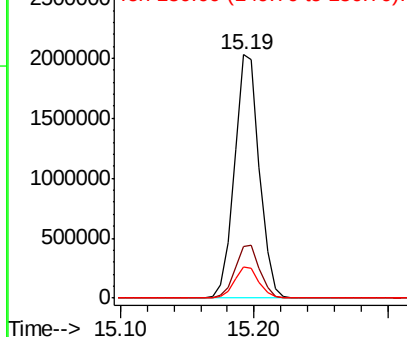


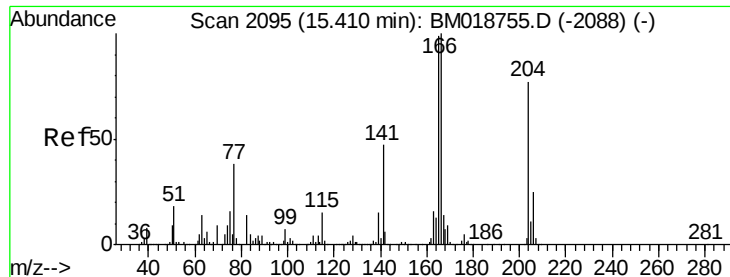
#60
 Diethylphthalate
 Concen: 43.594 ng
 RT: 15.19 min Scan# 2058
 Delta R.T. 0.00 min
 Lab File: BM018760.D
 Acq: 11 Feb 2019 16:21

Tgt Ion:	149	Resp:	2622451
Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.2	25.8
150	12.7	10.2	15.2



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

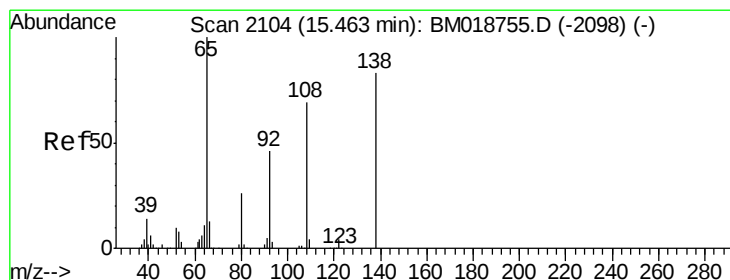
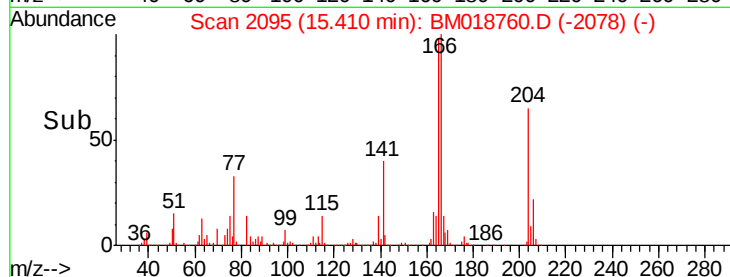
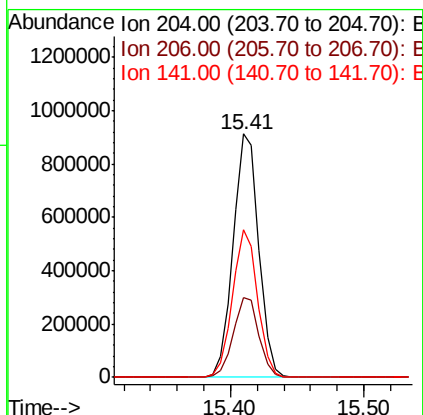
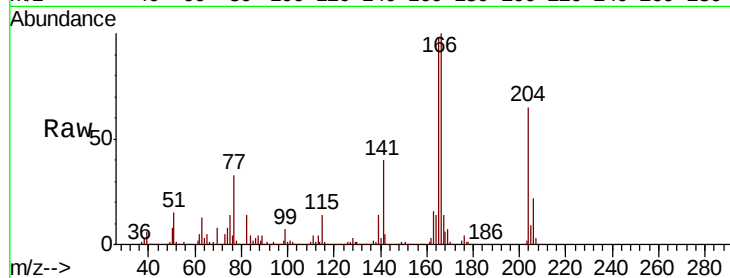




#61
 4-Chlorophenyl-phenylether
 Concen: 40.666 ng
 RT: 15.41 min Scan# 2095
 Delta R.T. 0.00 min
 Lab File: BM018760.D
 Acq: 11 Feb 2019 16:21

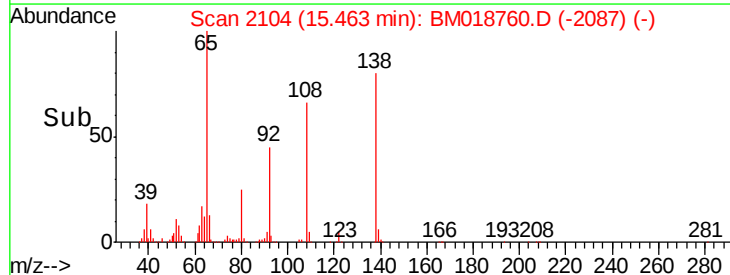
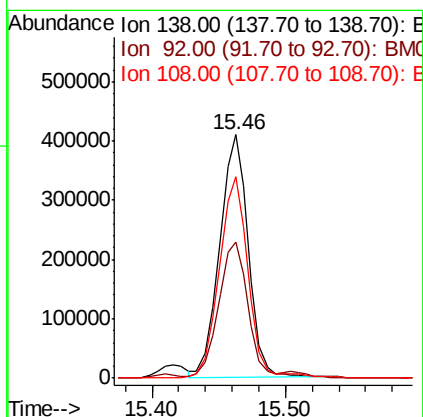
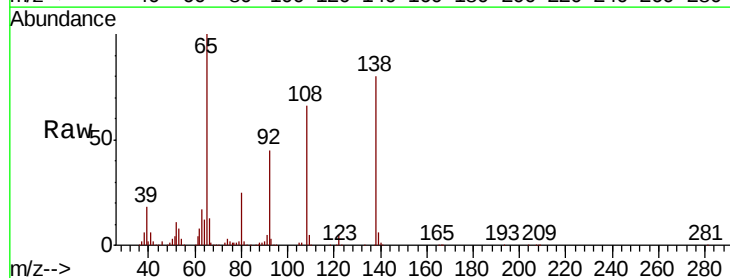
Instrument :
 BNA_M
 ClientSampleId :
 PB116995BS

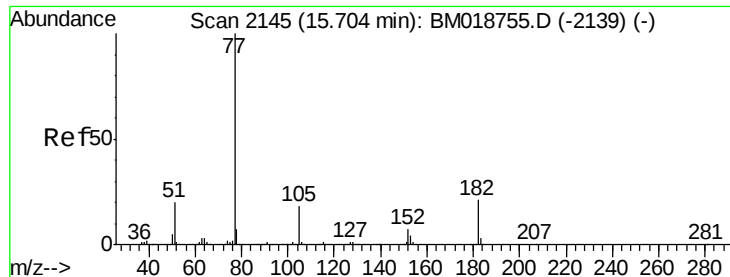
Tgt Ion: 204 Resp: 1217830
 Ion Ratio Lower Upper
 204 100
 206 33.0 26.2 39.2
 141 60.6 49.2 73.8



#62
 4-Nitroaniline
 Concen: 44.068 ng
 RT: 15.46 min Scan# 2104
 Delta R.T. 0.00 min
 Lab File: BM018760.D
 Acq: 11 Feb 2019 16:21

Tgt Ion: 138 Resp: 616658
 Ion Ratio Lower Upper
 138 100
 92 55.9 35.5 75.5
 108 82.5 62.4 102.4





#63

Azobenzene

Concen: 43.036 ng

RT: 15.70 min Scan# 2145

Delta R.T. 0.00 min

Lab File: BM018760.D

Acq: 11 Feb 2019 16:21

Instrument :

BNA_M

ClientSampleId :

PB116995BS

Tgt Ion: 77 Resp: 2775828

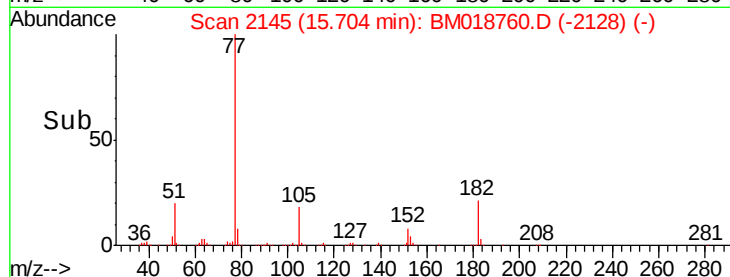
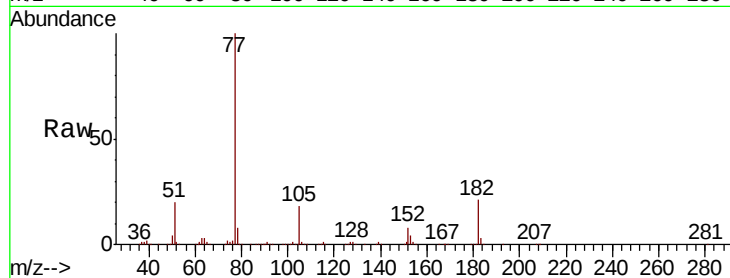
Ion Ratio Lower Upper

77 100

182 21.0 1.0 41.0

105 18.1 0.0 37.7

51 20.5 0.3 40.3

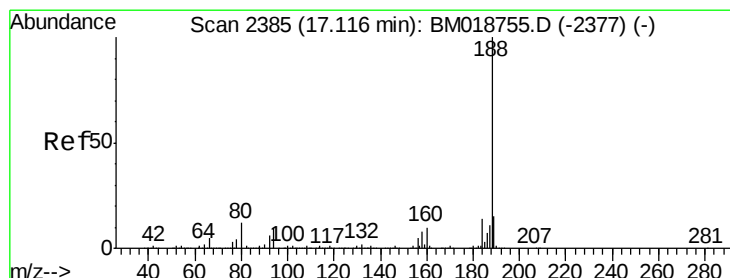
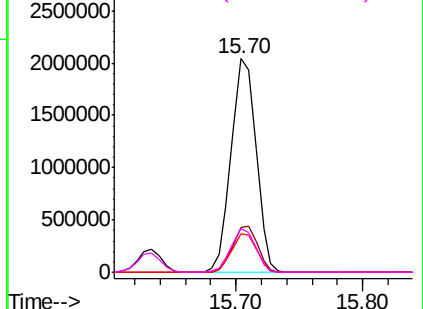


Abundance Ion 77.00 (76.70 to 77.70): BM018760.D (-2128) (-)

Ion 182.00 (181.70 to 182.70): BM018760.D (-2128) (-)

Ion 105.00 (104.70 to 105.70): BM018760.D (-2128) (-)

Ion 51.00 (50.70 to 51.70): BM018760.D (-2128) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.12 min Scan# 2385

Delta R.T. 0.00 min

Lab File: BM018760.D

Acq: 11 Feb 2019 16:21

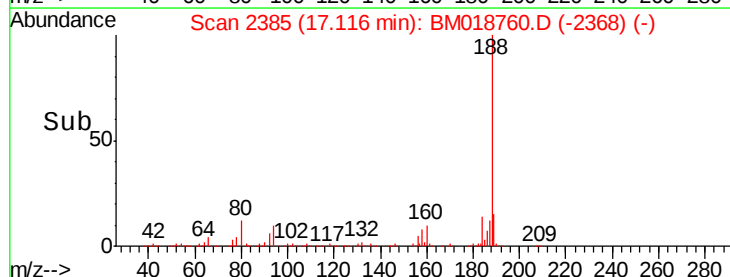
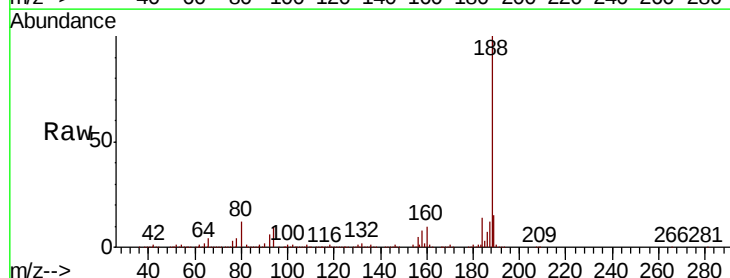
Tgt Ion: 188 Resp: 1635535

Ion Ratio Lower Upper

188 100

94 10.2 8.2 12.2

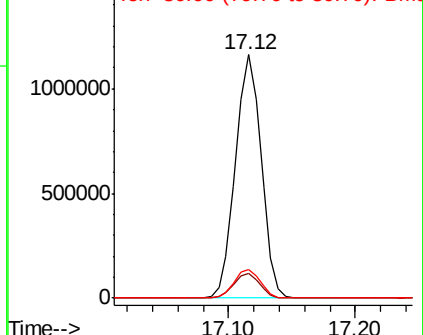
80 11.9 9.7 14.5

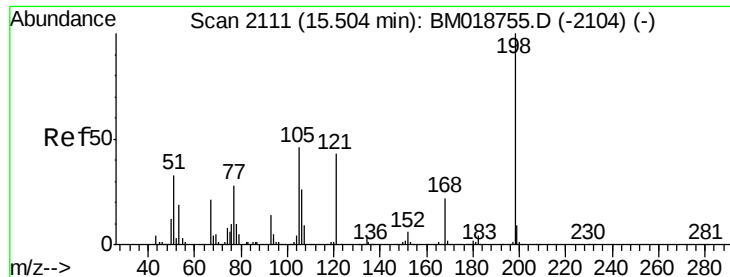


Abundance Ion 188.00 (187.70 to 188.70): BM018760.D (-2368) (-)

Ion 94.00 (93.70 to 94.70): BM018760.D (-2368) (-)

Ion 80.00 (79.70 to 80.70): BM018760.D (-2368) (-)

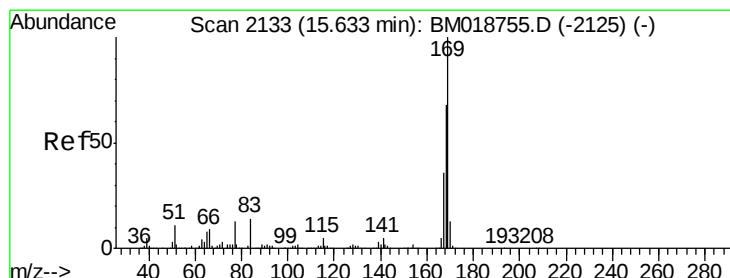
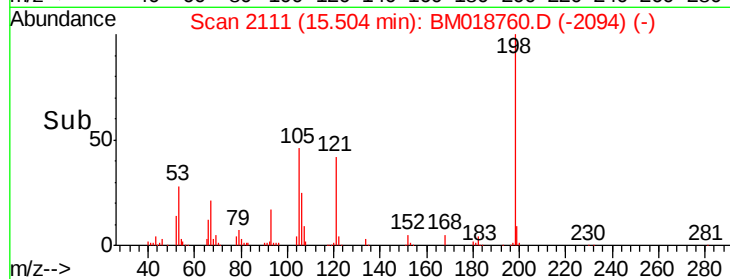
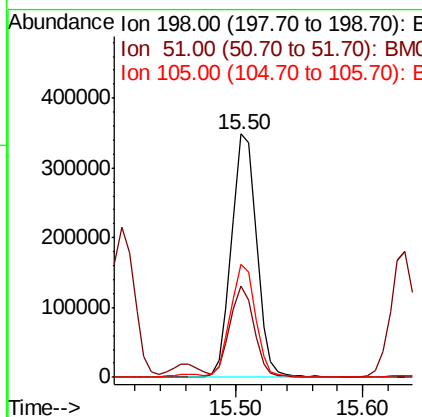
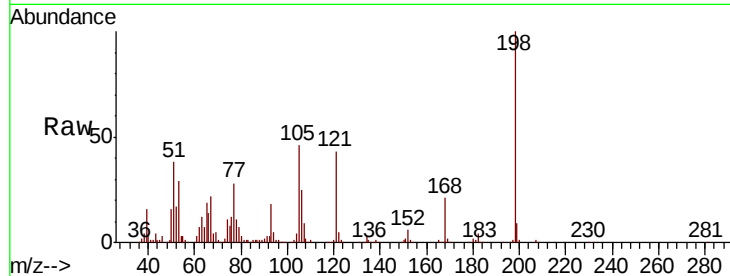




#65
 4,6-Dinitro-2-methylphenol
 Concen: 41.792 ng
 RT: 15.50 min Scan# 2111
 Delta R.T. 0.00 min
 Lab File: BM018760.D
 Acq: 11 Feb 2019 16:21

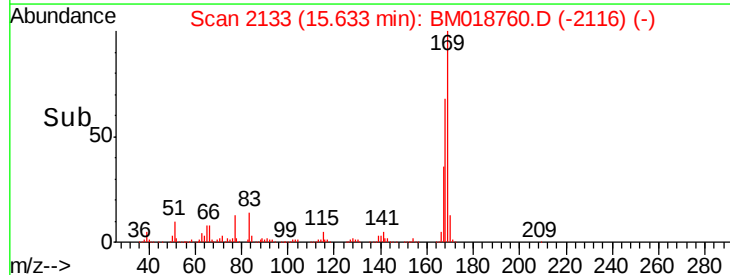
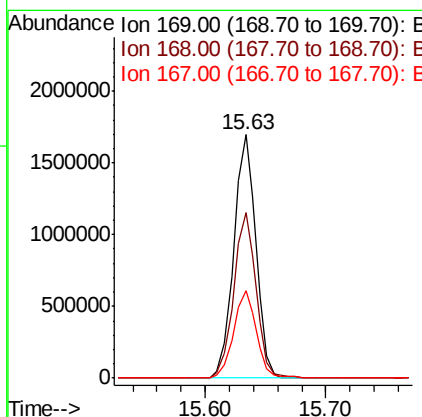
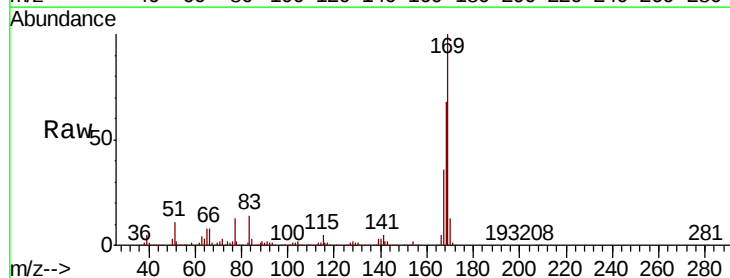
Instrument :
 BNA_M
 ClientSampleId :
 PB116995BS

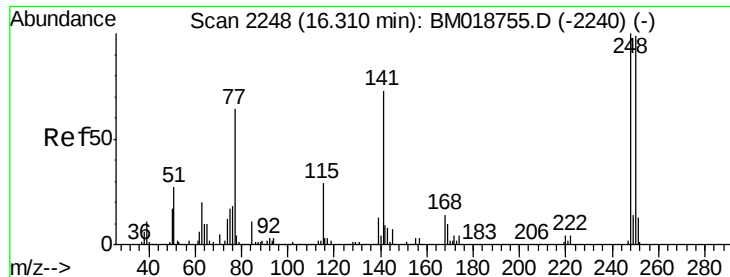
Tgt Ion	Ratio	Lower	Upper
198	100		
51	37.6	18.4	58.4
105	46.2	27.2	67.2



#66
 n-Nitrosodiphenylamine
 Concen: 41.802 ng
 RT: 15.63 min Scan# 2133
 Delta R.T. 0.00 min
 Lab File: BM018760.D
 Acq: 11 Feb 2019 16:21

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.0	54.4	81.6
167	36.1	29.0	43.6

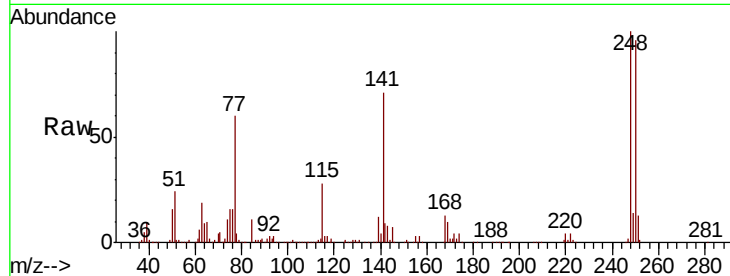




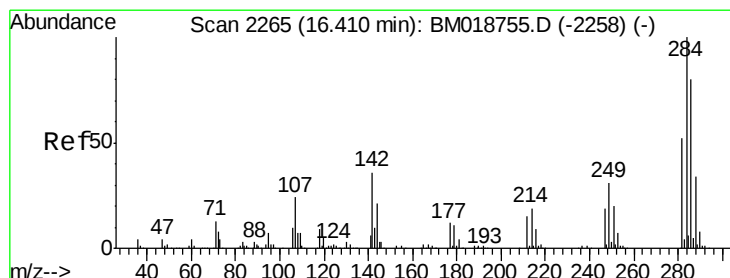
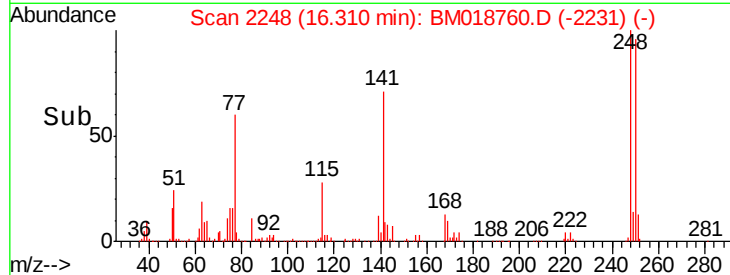
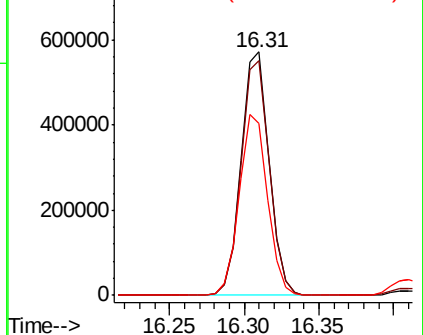
#67
4-Bromophenyl-phenylether
Concen: 40.537 ng
RT: 16.31 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BM018760.D
Acq: 11 Feb 2019 16:21

Instrument :
BNA_M
ClientSampleId :
PB116995BS

Tgt Ion:248 Resp: 742104
Ion Ratio Lower Upper
248 100
250 96.2 79.0 118.6
141 70.6 58.6 88.0

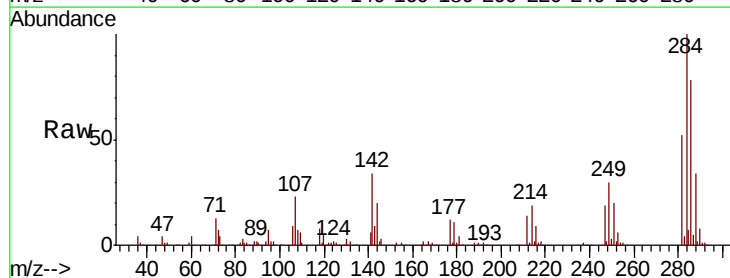


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

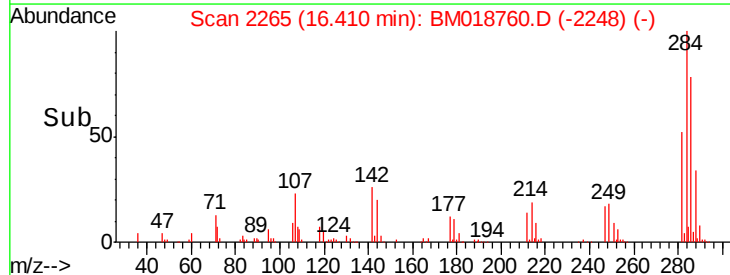
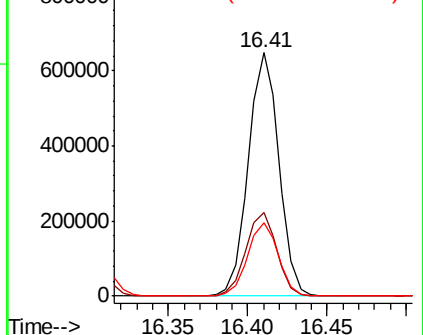


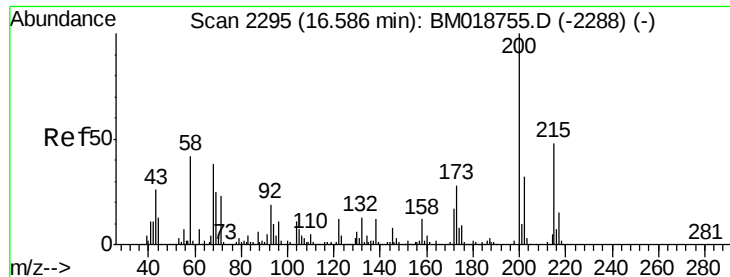
#68
Hexachlorobenzene
Concen: 40.840 ng
RT: 16.41 min Scan# 2265
Delta R.T. 0.00 min
Lab File: BM018760.D
Acq: 11 Feb 2019 16:21

Tgt Ion:284 Resp: 869028
Ion Ratio Lower Upper
284 100
142 34.2 28.9 43.3
249 30.3 24.8 37.2



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: 44.978 ng

RT: 16.59 min Scan# 2296

Delta R.T. 0.01 min

Lab File: BM018760.D

Acq: 11 Feb 2019 16:21

Instrument :

BNA_M

ClientSampleId :

PB116995BS

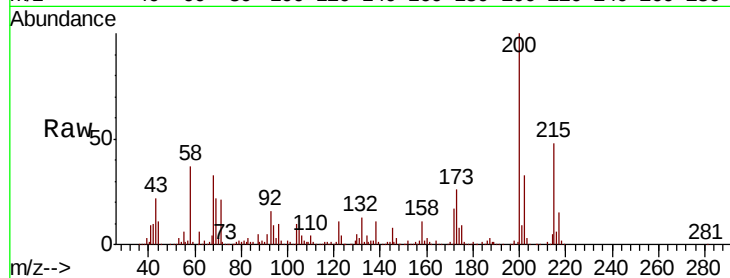
Tgt Ion:200 Resp: 749272

Ion Ratio Lower Upper

200 100

173 26.4 7.6 47.6

215 47.6 27.6 67.6

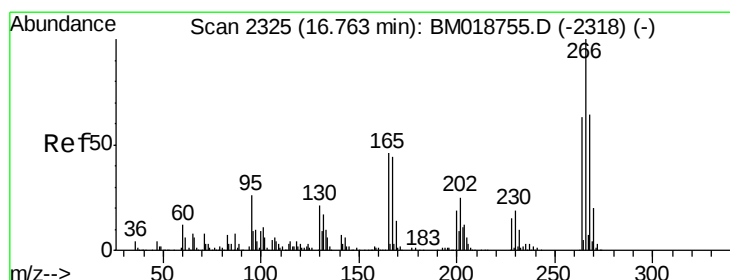
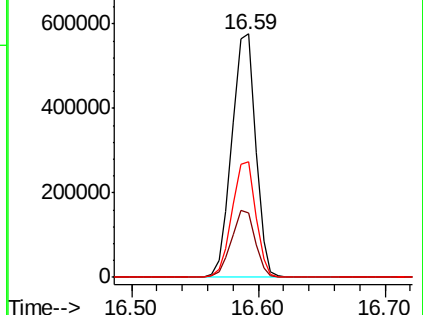
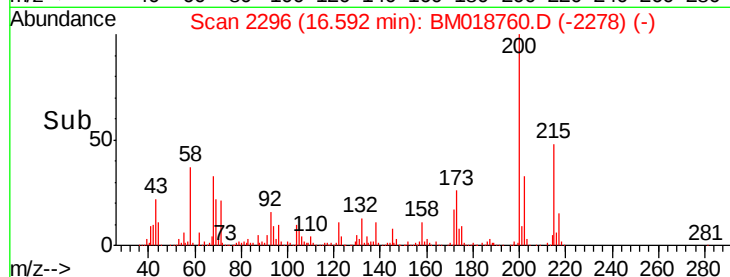


Abundance

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: 84.149 ng

RT: 16.76 min Scan# 2325

Delta R.T. 0.00 min

Lab File: BM018760.D

Acq: 11 Feb 2019 16:21

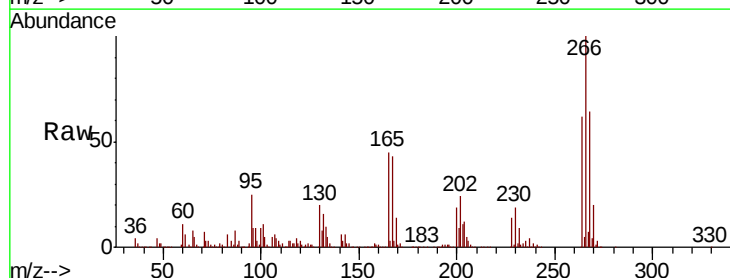
Tgt Ion:266 Resp: 1152936

Ion Ratio Lower Upper

266 100

268 63.9 51.3 76.9

264 62.3 50.6 75.8

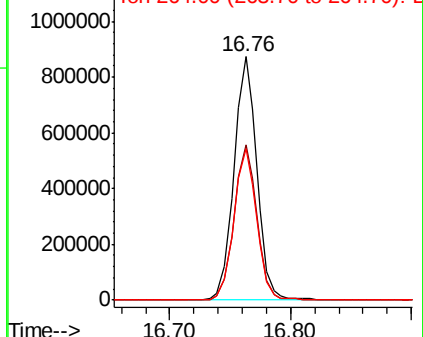
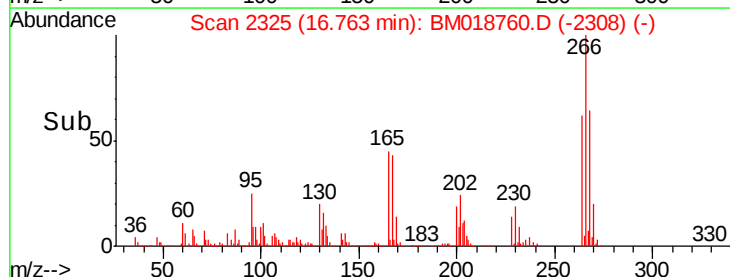


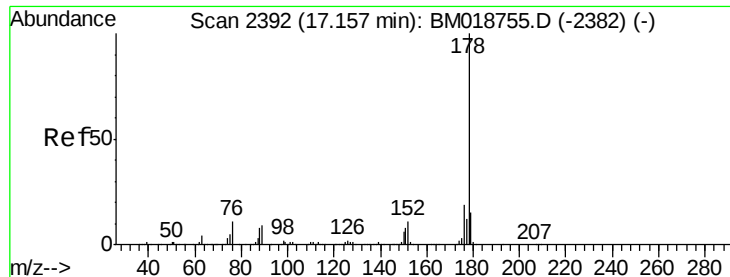
Abundance

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

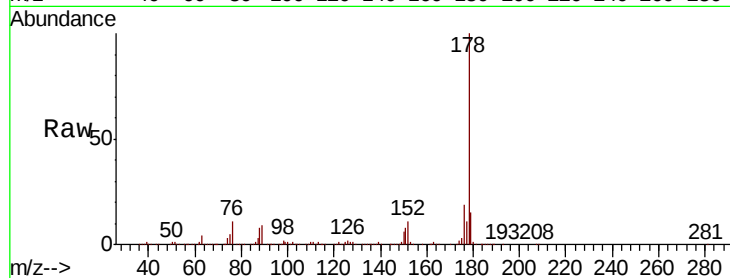




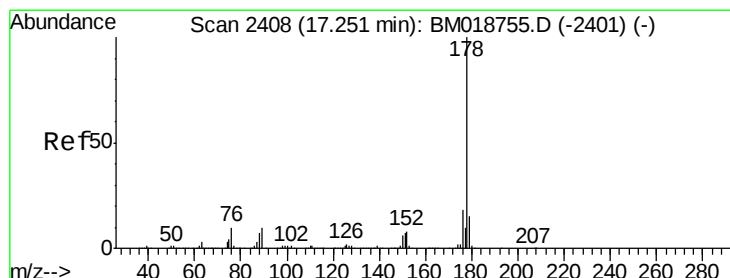
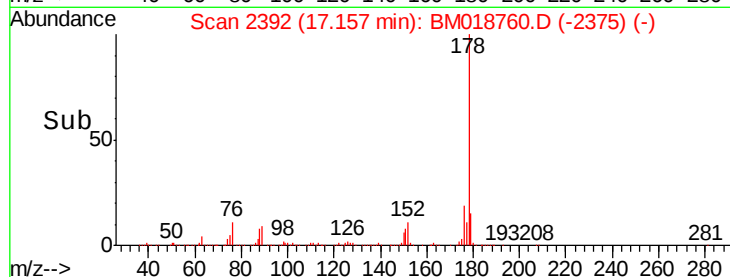
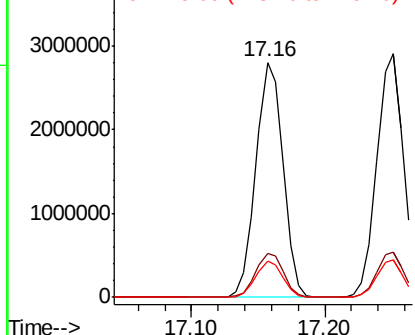
#71
Phenanthrene
Concen: 44.617 ng
RT: 17.16 min Scan# 2392
Delta R.T. 0.00 min
Lab File: BM018760.D
Acq: 11 Feb 2019 16:21

Instrument :
BNA_M
ClientSampleId :
PB116995BS

Tgt Ion:178 Resp: 3921678
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.0
179 15.4 12.3 18.5

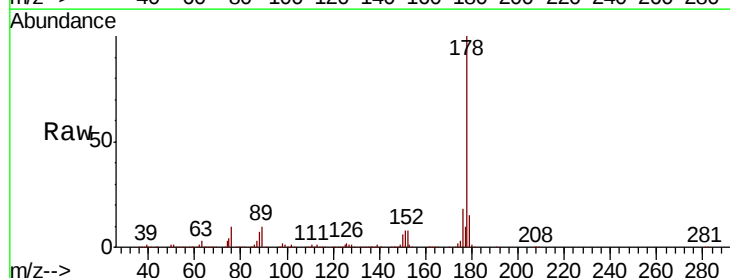


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

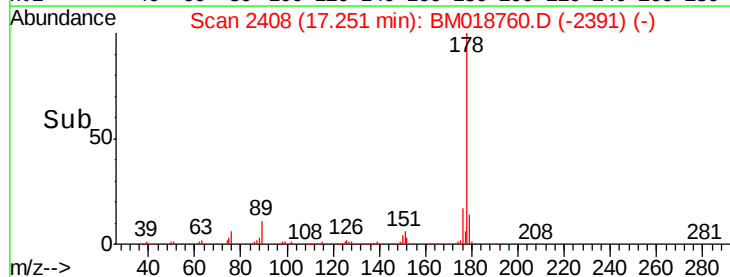
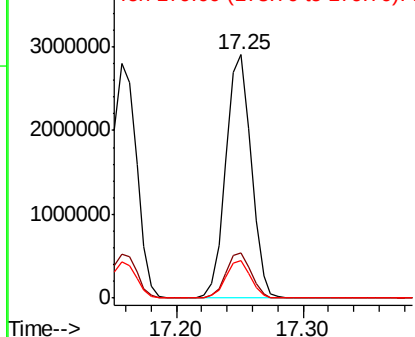


#72
Anthracene
Concen: 46.829 ng
RT: 17.25 min Scan# 2408
Delta R.T. 0.00 min
Lab File: BM018760.D
Acq: 11 Feb 2019 16:21

Tgt Ion:178 Resp: 4006344
Ion Ratio Lower Upper
178 100
176 18.5 14.8 22.2
179 15.3 12.1 18.1



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

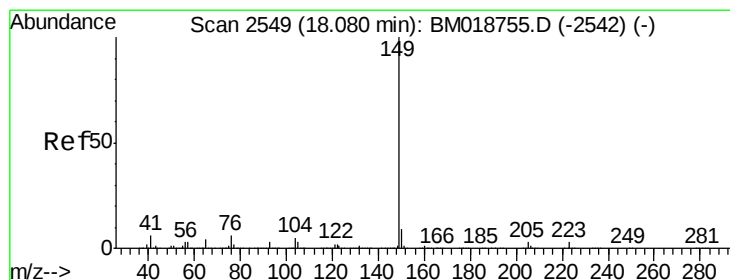
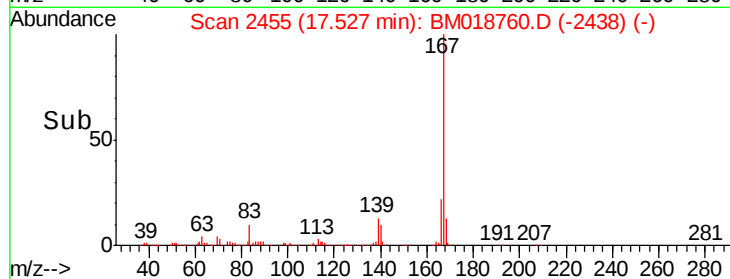
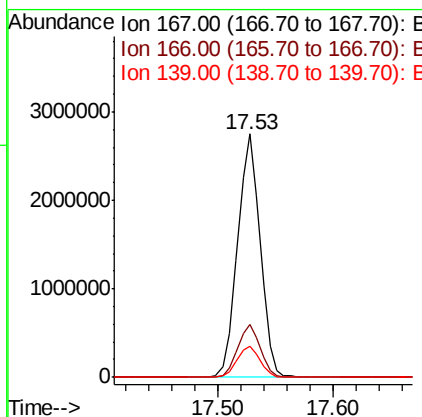
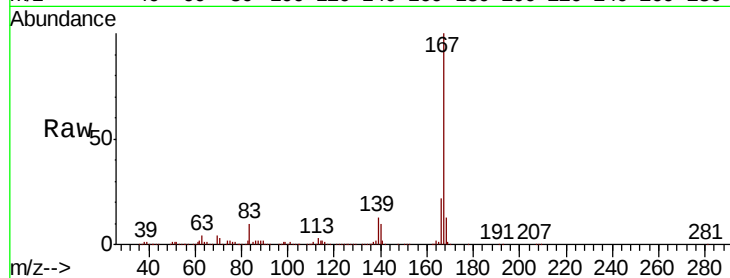




#73
 Carbazole
 Concen: 41.647 ng
 RT: 17.53 min Scan# 2455
 Delta R.T. 0.00 min
 Lab File: BM018760.D
 Acq: 11 Feb 2019 16:21

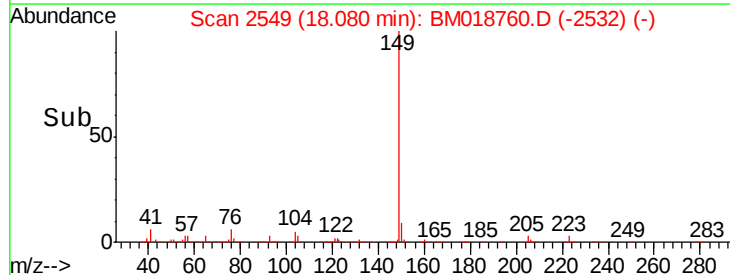
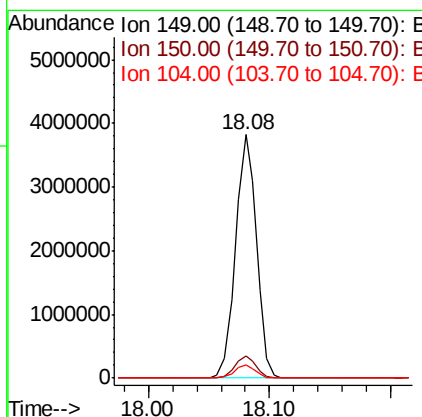
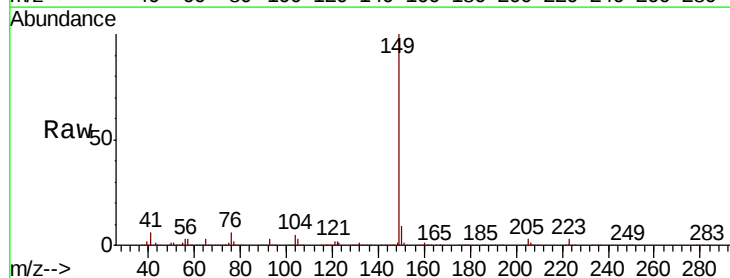
Instrument :
 BNA_M
 ClientSampleId :
 PB116995BS

Tgt Ion:167 Resp: 3722498
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.7 26.5
 139 13.0 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 44.806 ng
 RT: 18.08 min Scan# 2549
 Delta R.T. 0.00 min
 Lab File: BM018760.D
 Acq: 11 Feb 2019 16:21

Tgt Ion:149 Resp: 4605844
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.0
 104 5.5 4.3 6.5





#75

Fluoranthene

Concen: 46.132 ng

RT: 19.18 min Scan# 2736

Delta R.T. 0.00 min

Lab File: BM018760.D

Acq: 11 Feb 2019 16:21

Instrument :

BNA_M

ClientSampleId :

PB116995BS

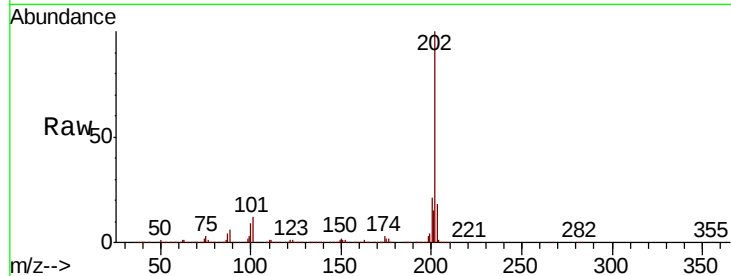
Tgt Ion:202 Resp: 4683784

Ion Ratio Lower Upper

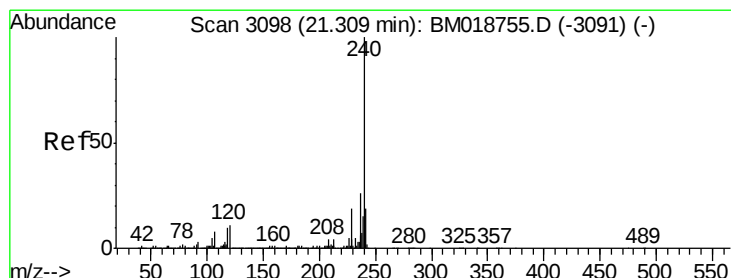
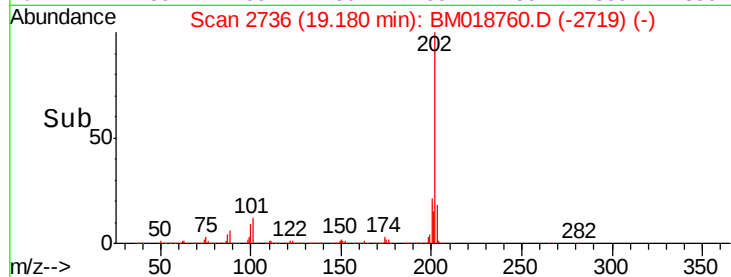
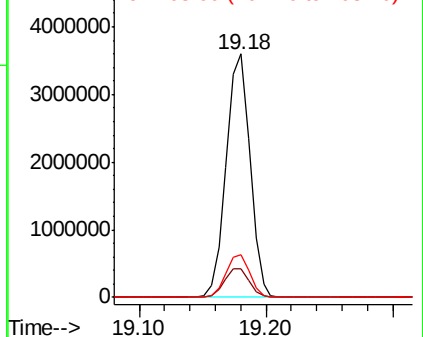
202 100

101 11.8 0.0 31.5

203 17.8 0.0 37.3



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: 21.31 min Scan# 3098

Delta R.T. 0.00 min

Lab File: BM018760.D

Acq: 11 Feb 2019 16:21

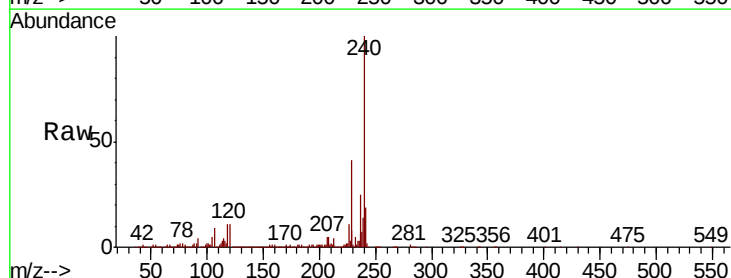
Tgt Ion:240 Resp: 1883572

Ion Ratio Lower Upper

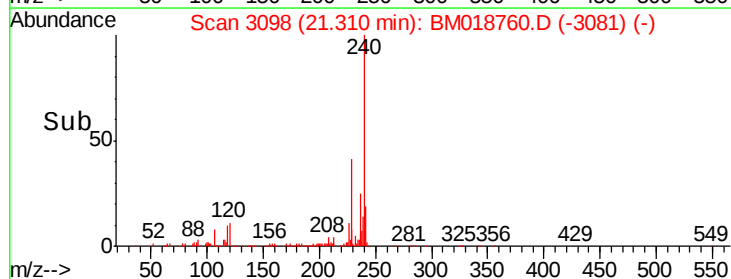
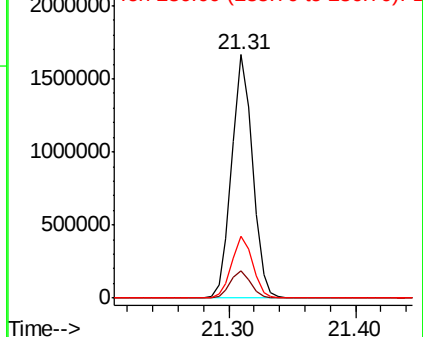
240 100

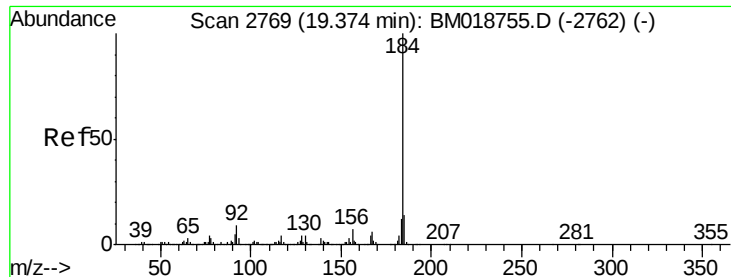
120 11.3 8.9 13.3

236 25.2 20.9 31.3



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: 140.175 ng

RT: 19.38 min Scan# 2770

Delta R.T. 0.01 min

Lab File: BM018760.D

Acq: 11 Feb 2019 16:21

Instrument :

BNA_M

ClientSampleId :

PB116995BS

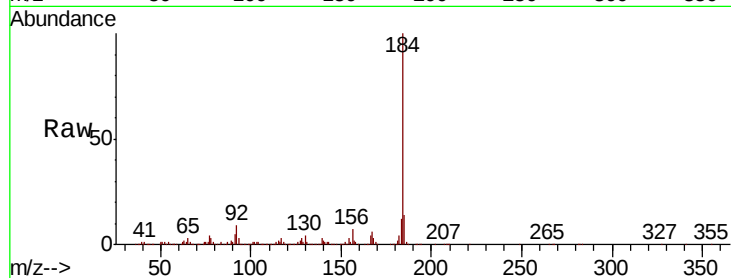
Tgt Ion:184 Resp: 5946303

Ion Ratio Lower Upper

184 100

185 14.2 11.2 16.8

183 12.3 9.7 14.5

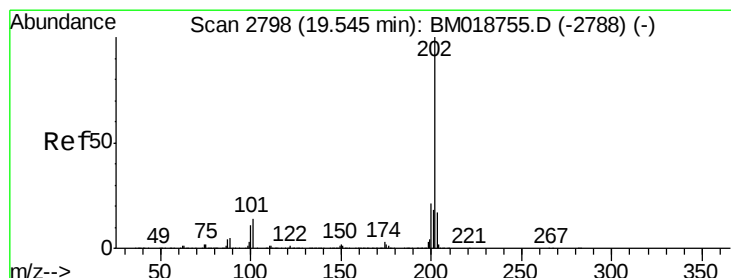
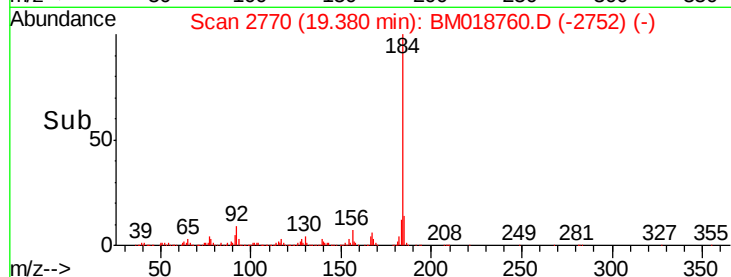
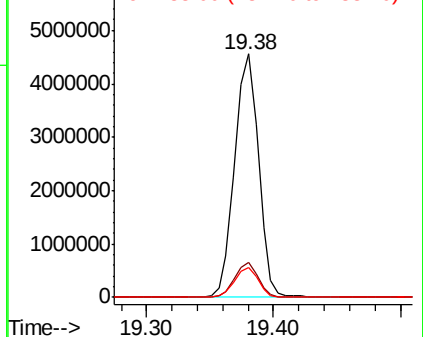


Abundance

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: 44.079 ng

RT: 19.54 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BM018760.D

Acq: 11 Feb 2019 16:21

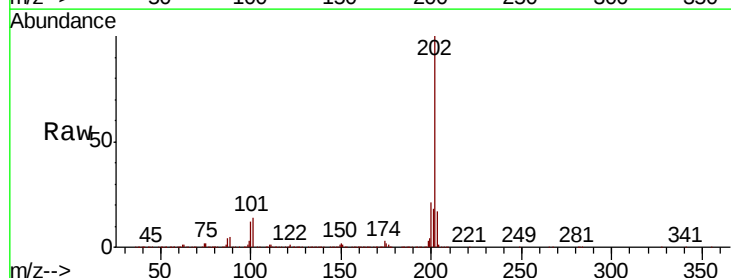
Tgt Ion:202 Resp: 4822082

Ion Ratio Lower Upper

202 100

200 21.2 16.9 25.3

203 17.4 13.8 20.8

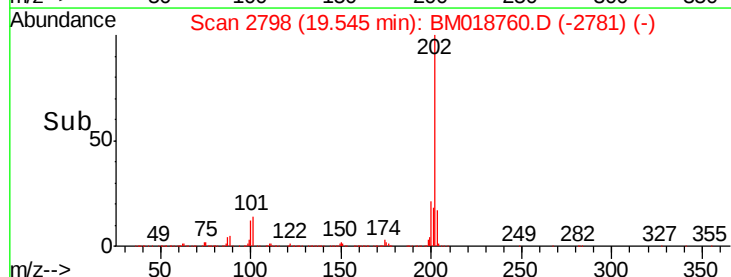
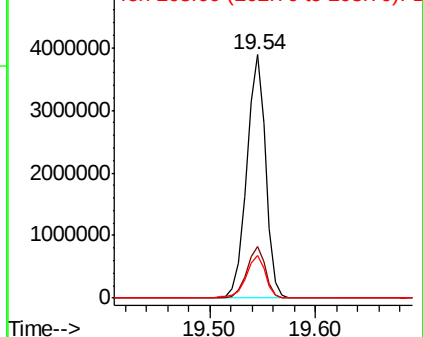


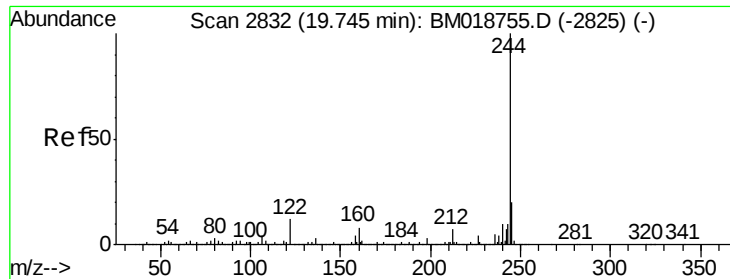
Abundance

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: 77.770 ng

RT: 19.75 min Scan# 2833

Delta R.T. 0.01 min

Lab File: BM018760.D

Acq: 11 Feb 2019 16:21

Instrument :

BNA_M

ClientSampleId :

PB116995BS

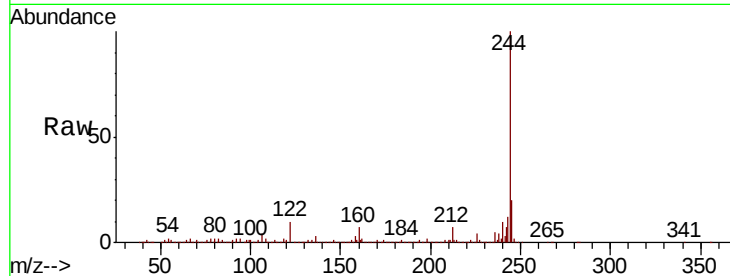
Tgt Ion:244 Resp: 7100986

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

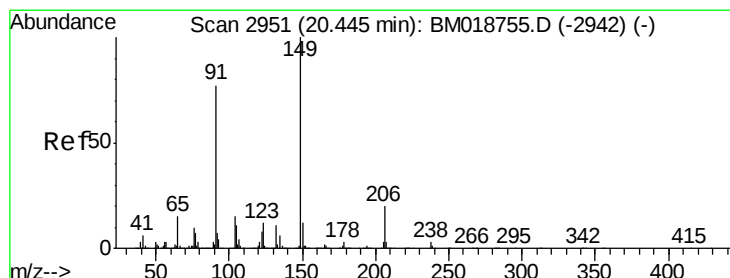
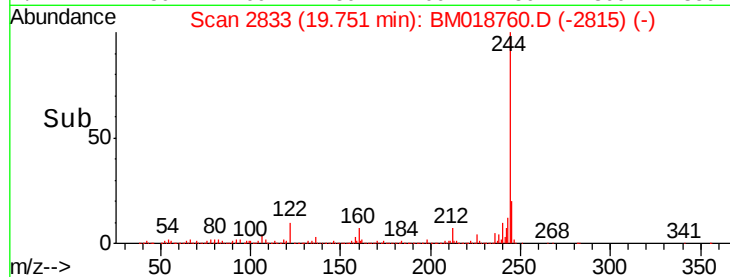
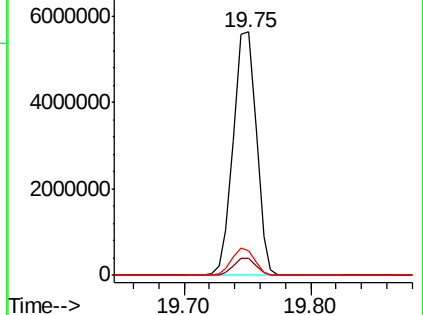
122 10.4 9.3 13.9



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: 45.026 ng

RT: 20.44 min Scan# 2951

Delta R.T. 0.00 min

Lab File: BM018760.D

Acq: 11 Feb 2019 16:21

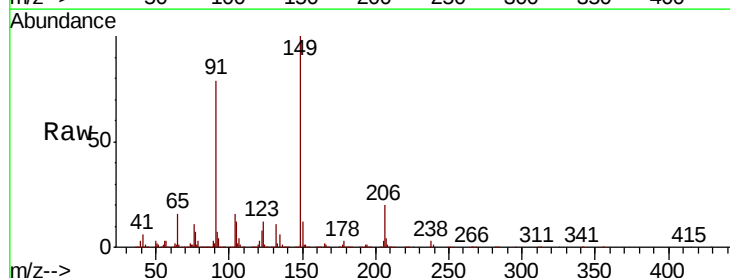
Tgt Ion:149 Resp: 2244811

Ion Ratio Lower Upper

149 100

91 78.6 61.4 92.0

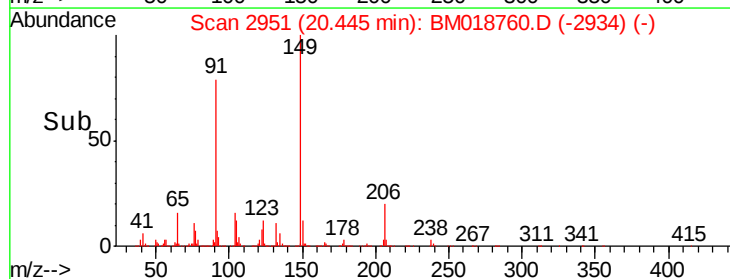
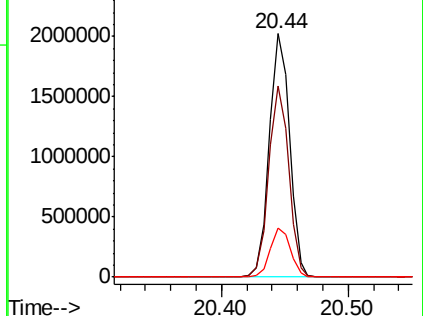
206 20.2 15.8 23.8

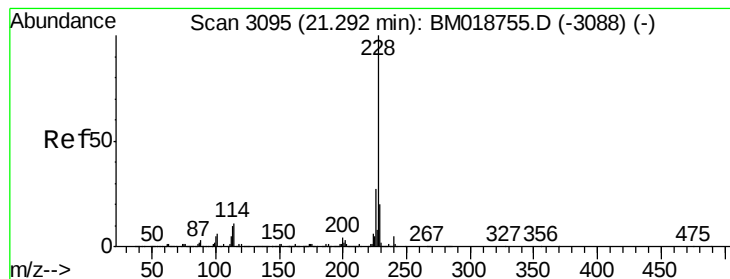


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.989 ng

RT: 21.29 min Scan# 3095

Delta R.T. 0.00 min

Lab File: BM018760.D

Acq: 11 Feb 2019 16:21

Instrument :

BNA_M

ClientSampleId :

PB116995BS

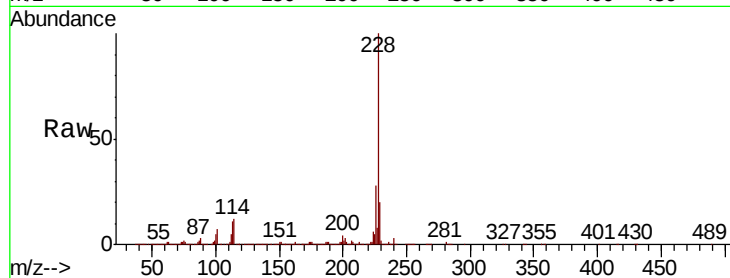
Tgt Ion:228 Resp: 4939698

Ion Ratio Lower Upper

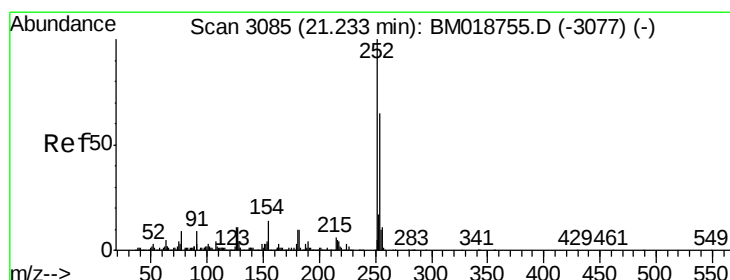
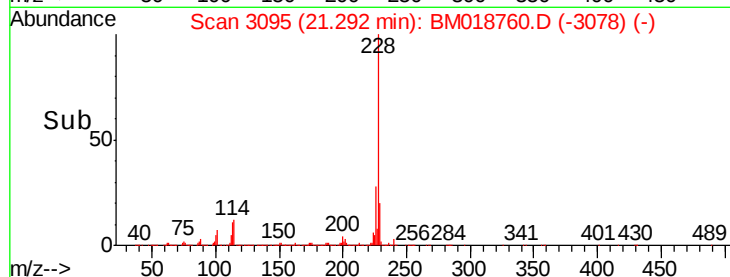
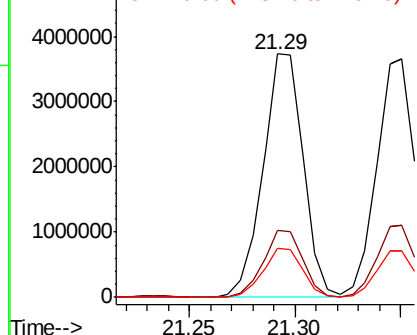
228 100

226 27.6 21.9 32.9

229 19.9 15.9 23.9



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: 44.964 ng

RT: 21.23 min Scan# 3085

Delta R.T. 0.00 min

Lab File: BM018760.D

Acq: 11 Feb 2019 16:21

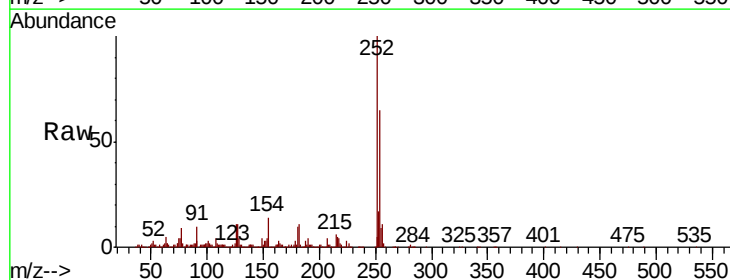
Tgt Ion:252 Resp: 1951138

Ion Ratio Lower Upper

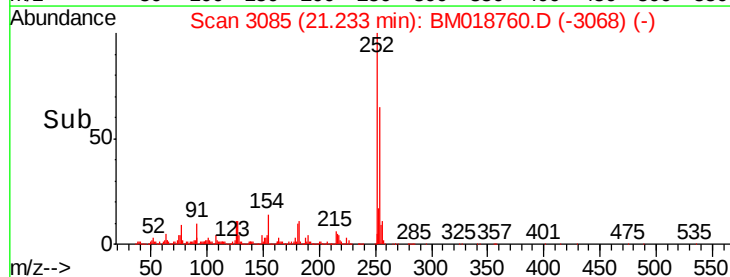
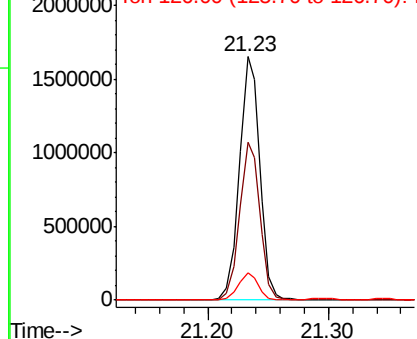
252 100

254 64.9 51.8 77.8

126 11.5 9.1 13.7



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: 43.555 ng

RT: 21.35 min Scan# 3105

Delta R.T. 0.01 min

Lab File: BM018760.D

Acq: 11 Feb 2019 16:21

Instrument :

BNA_M

ClientSampleId :

PB116995BS

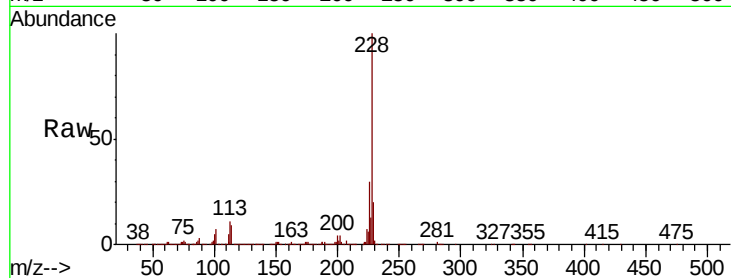
Tgt Ion:228 Resp: 4583629

Ion Ratio Lower Upper

228 100

226 30.3 24.1 36.1

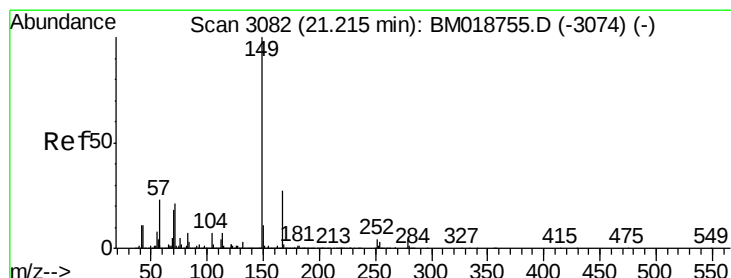
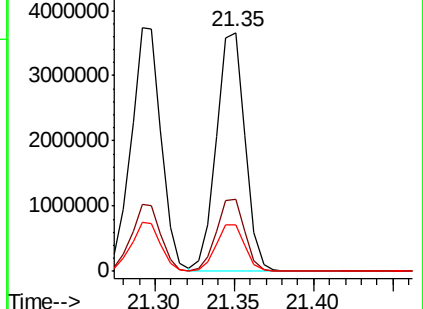
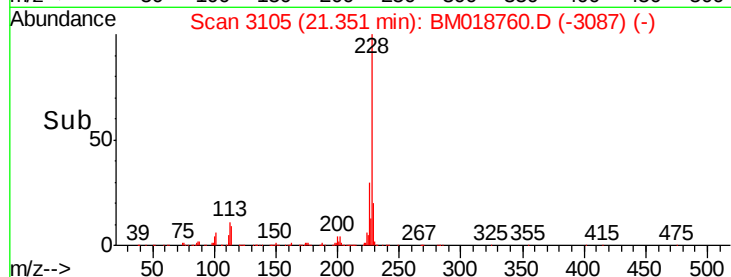
229 19.7 16.0 24.0



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.288 ng

RT: 21.22 min Scan# 3082

Delta R.T. 0.00 min

Lab File: BM018760.D

Acq: 11 Feb 2019 16:21

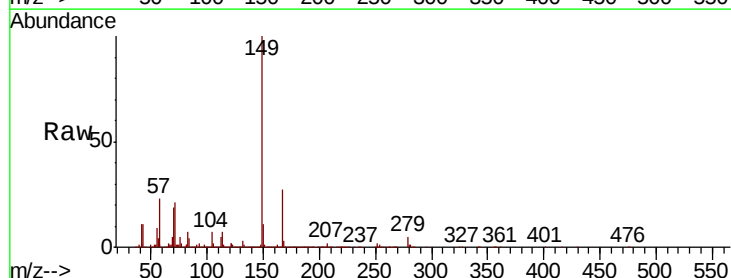
Tgt Ion:149 Resp: 3231662

Ion Ratio Lower Upper

149 100

167 27.5 21.8 32.6

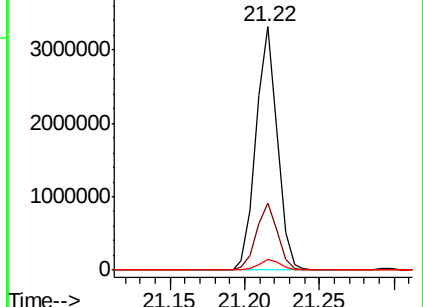
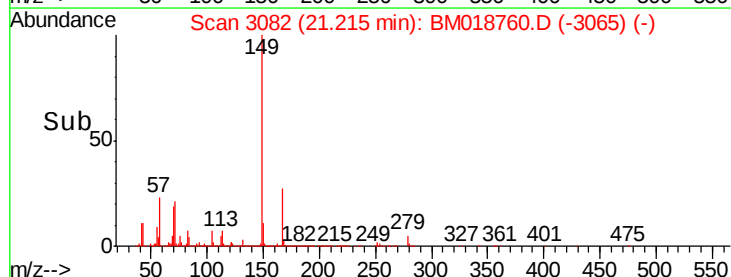
279 4.5 3.6 5.4

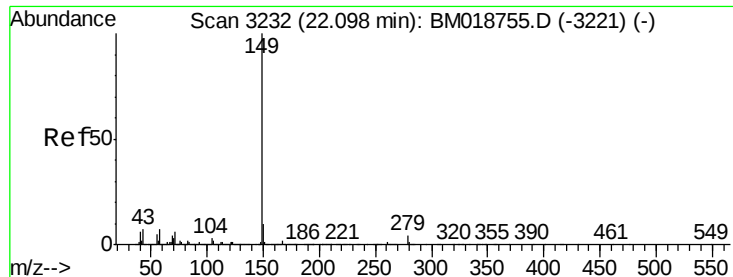


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.967 ng

RT: 22.10 min Scan# 3232

Delta R.T. 0.00 min

Lab File: BM018760.D

Acq: 11 Feb 2019 16:21

Instrument :

BNA_M

ClientSampleId :

PB116995BS

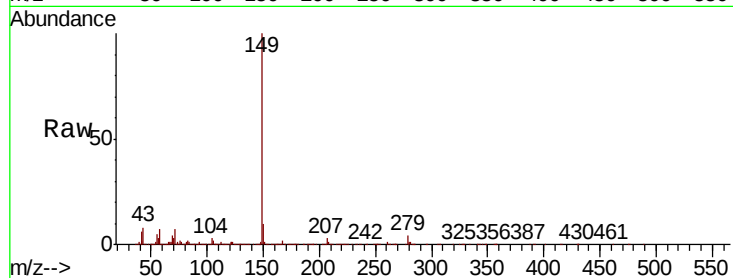
Tgt Ion:149 Resp: 5637450

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

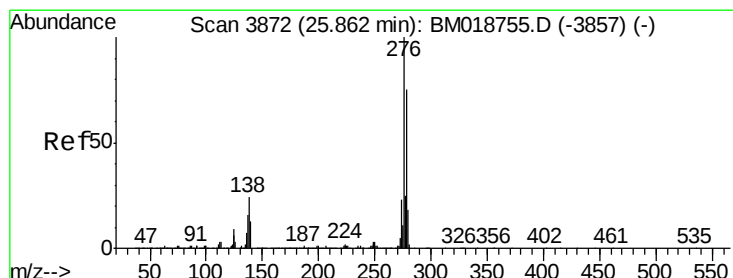
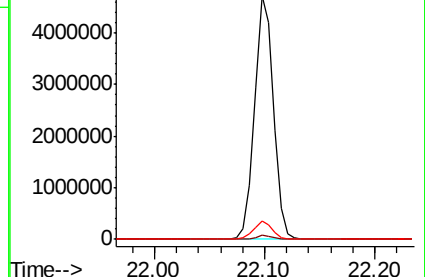
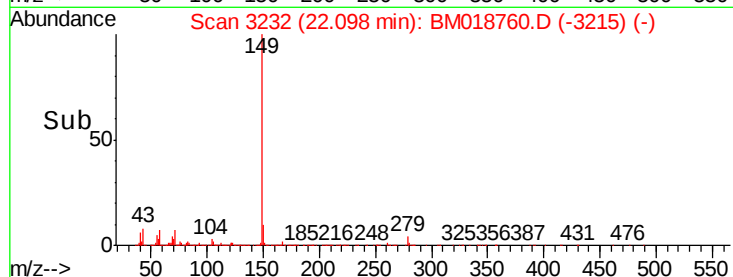
43 7.3 6.0 9.0



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: 47.531 ng

RT: 25.87 min Scan# 3873

Delta R.T. 0.01 min

Lab File: BM018760.D

Acq: 11 Feb 2019 16:21

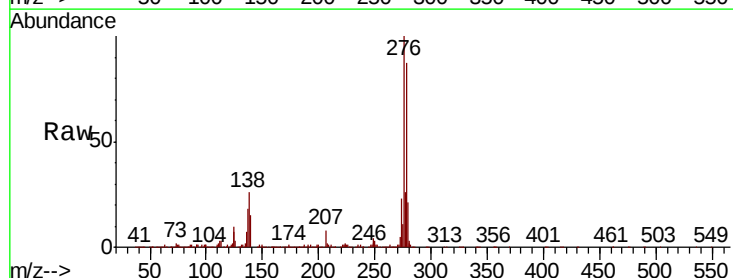
Tgt Ion:276 Resp: 5775123

Ion Ratio Lower Upper

276 100

138 25.0 20.2 30.4

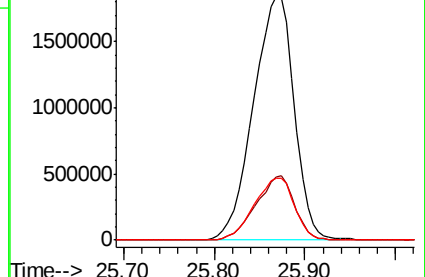
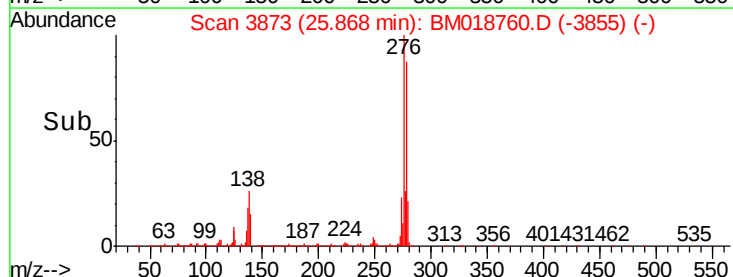
277 25.4 20.3 30.5

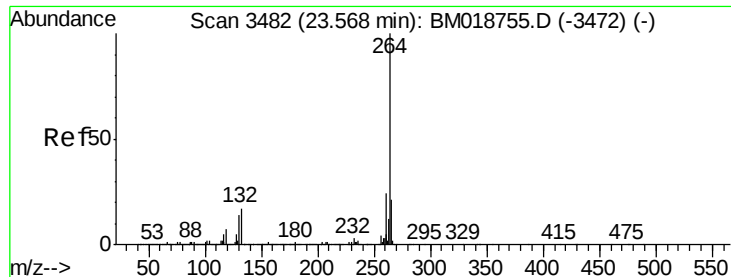


Abundance Ion 276.00 (275.70 to 276.70): E

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: 23.57 min Scan# 3482

Delta R.T. 0.00 min

Lab File: BM018760.D

Acq: 11 Feb 2019 16:21

Instrument :

BNA_M

ClientSampleId :

PB116995BS

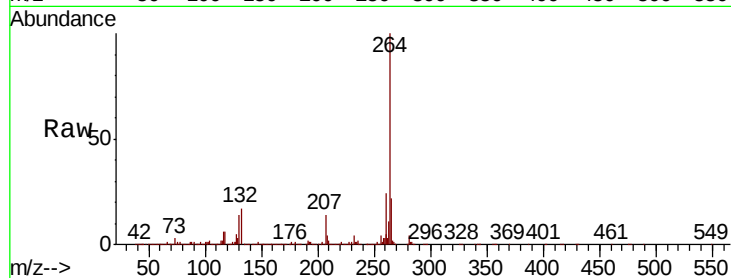
Tgt Ion:264 Resp: 1957317

Ion Ratio Lower Upper

264 100

260 24.1 18.9 28.3

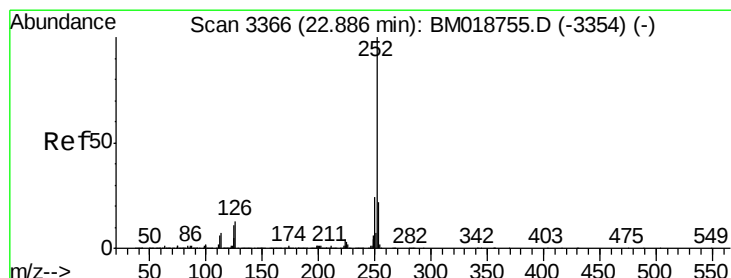
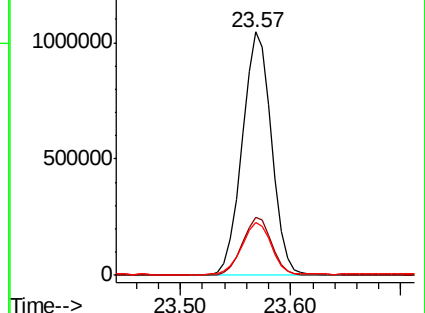
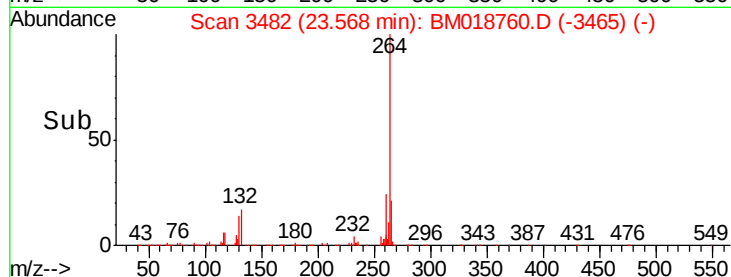
265 21.9 17.3 25.9



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: 44.899 ng

RT: 22.89 min Scan# 3367

Delta R.T. 0.01 min

Lab File: BM018760.D

Acq: 11 Feb 2019 16:21

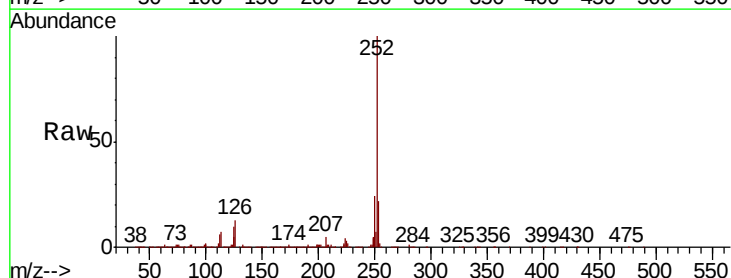
Tgt Ion:252 Resp: 5028083

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

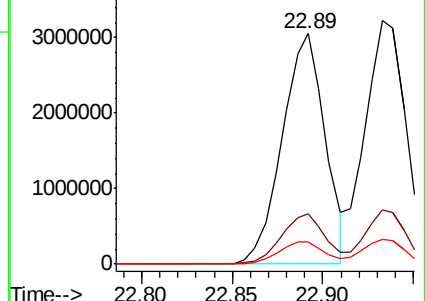
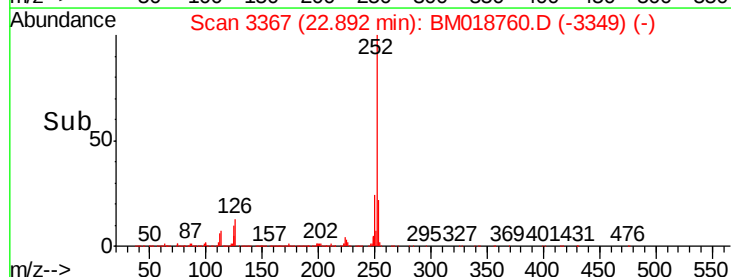
125 9.8 8.6 12.8

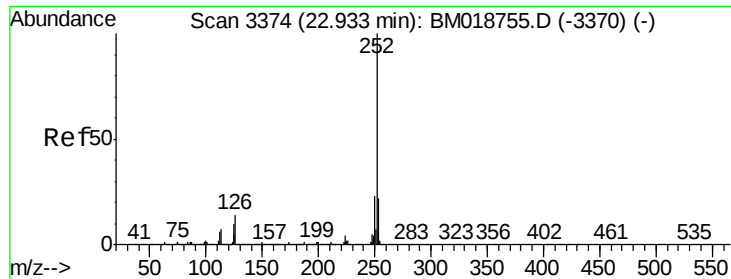


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 45.298 ng

RT: 22.93 min Scan# 3374

Delta R.T. 0.00 min

Lab File: BM018760.D

Acq: 11 Feb 2019 16:21

Instrument :

BNA_M

ClientSampleId :

PB116995BS

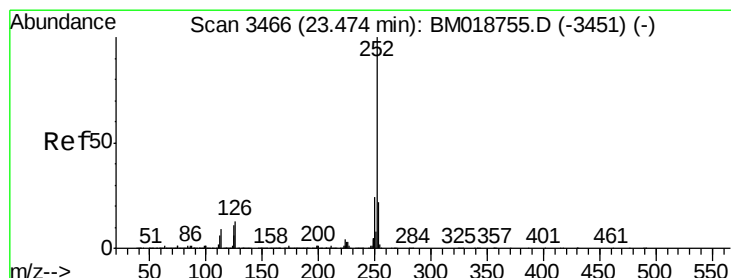
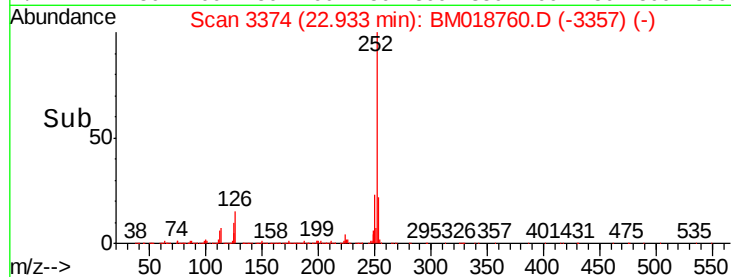
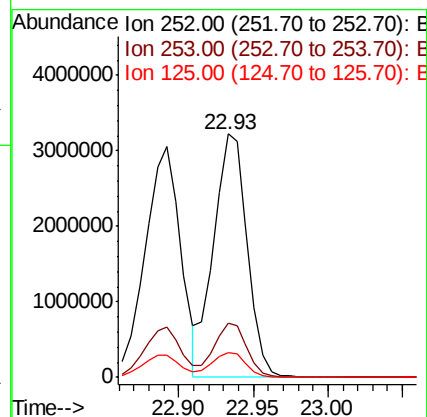
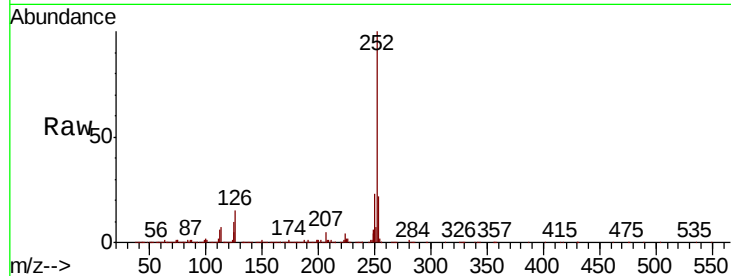
Tgt Ion:252 Resp: 5050198

Ion Ratio Lower Upper

252 100

253 22.5 17.7 26.5

125 10.4 8.2 12.4



#90

Benzo(a)pyrene

Concen: 46.150 ng

RT: 23.47 min Scan# 3466

Delta R.T. 0.00 min

Lab File: BM018760.D

Acq: 11 Feb 2019 16:21

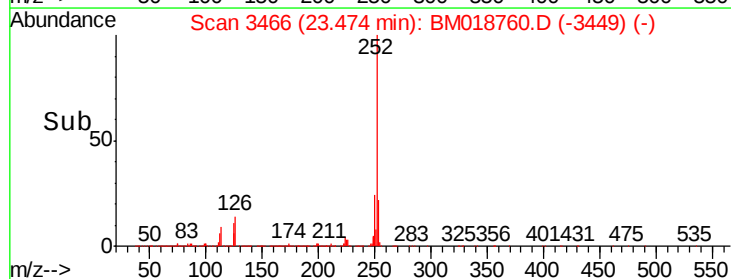
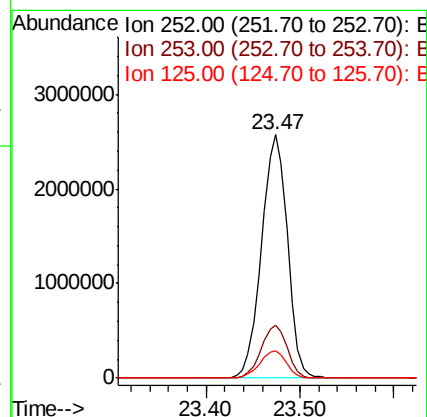
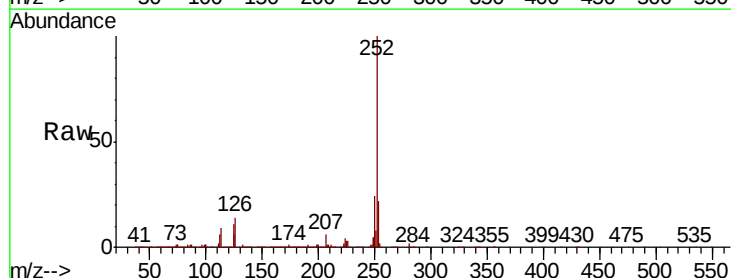
Tgt Ion:252 Resp: 4895875

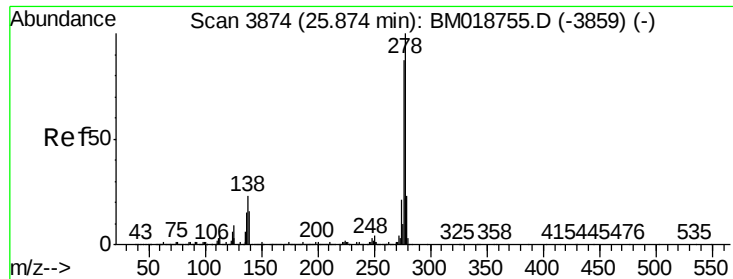
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 11.2 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 46.619 ng

RT: 25.88 min Scan# 3875

Delta R.T. 0.01 min

Lab File: BM018760.D

Acq: 11 Feb 2019 16:21

Instrument :

BNA_M

ClientSampled :

PB116995BS

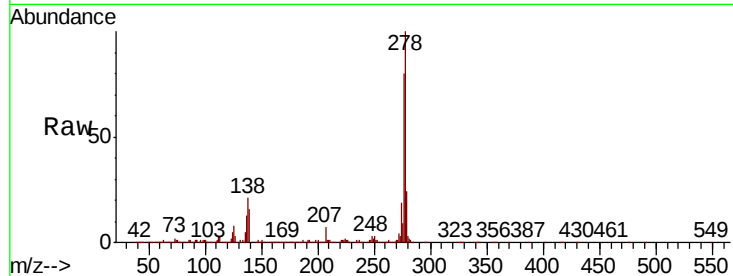
Tgt Ion:278 Resp: 4899878

Ion Ratio Lower Upper

278 100

139 15.6 12.6 18.8

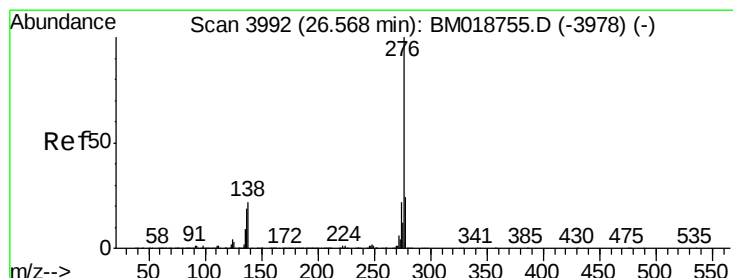
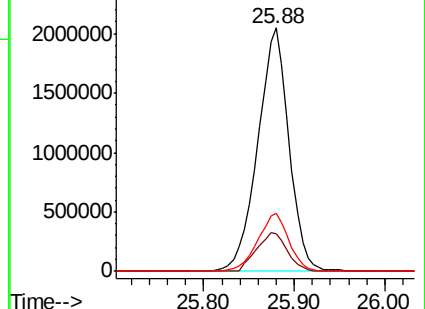
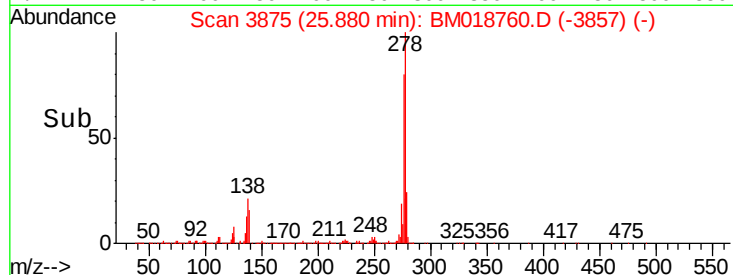
279 23.9 18.6 28.0



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: 46.487 ng

RT: 26.57 min Scan# 3993

Delta R.T. 0.01 min

Lab File: BM018760.D

Acq: 11 Feb 2019 16:21

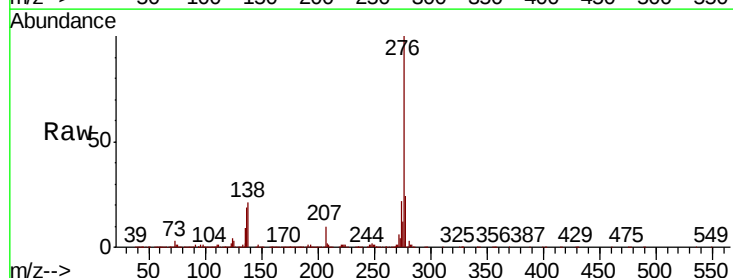
Tgt Ion:276 Resp: 4548721

Ion Ratio Lower Upper

276 100

277 23.8 19.2 28.8

138 21.4 17.3 25.9



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

