

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021219\
 Data File : BM018785.D
 Acq On : 12 Feb 2019 22:43
 Operator : JU/SJ
 Sample : K1460-06MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-2-20190208MSD

Quant Time: Feb 13 03:05:07 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	385900	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1597895	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	897060	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	1971664	20.00	ng	0.00
76) Chrysene-d12	21.31	240	1894327	20.00	ng	0.00
87) Perylene-d12	23.57	264	1559857	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	1620141	68.79	ng	0.00
7) Phenol-d6	6.89	99	1462936	44.09	ng	0.00
23) Nitrobenzene-d5	8.89	82	2995094	86.67	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	1706670	131.98	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	5745044	85.02	ng	0.00
79) Terphenyl-d14	19.75	244	8578313	93.42	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.26	88	169154	16.490	ng	99
3) Pyridine	3.66	79	400676	14.319	ng	99
4) n-Nitrosodimethylamine	3.58	42	157741	22.160	ng	93
6) Aniline	7.06	93	561883	13.821	ng	100
8) 2-Chlorophenol	7.28	128	968101	37.438	ng	96
9) Benzaldehyde	6.87	77	580240	29.828	ng	98
10) Phenol	6.92	94	811978	23.258	ng	98
11) bis(2-Chloroethyl)ether	7.15	93	1133910	42.578	ng	100
12) 1,3-Dichlorobenzene	7.60	146	1111687	38.233	ng	99
13) 1,4-Dichlorobenzene	7.75	146	1138410	38.458	ng	99
14) 1,2-Dichlorobenzene	8.06	146	1111401	39.088	ng	99
15) Benzyl Alcohol	7.97	79	765507	29.036	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.25	45	1056433	40.987	ng	99
17) 2-Methylphenol	8.16	107	723246	32.549	ng	96
18) Hexachloroethane	8.78	117	423432	39.186	ng	99
19) n-Nitroso-di-n-propylamine	8.53	70	1084661	42.221	ng	100
20) 3+4-Methylphenols	8.49	107	889455	28.989	ng	99
22) Acetophenone	8.55	105	1792873	40.857	ng	99
24) Nitrobenzene	8.93	77	1538510	42.890	ng	99
25) Isophorone	9.45	82	2710000	49.148	ng	100
26) 2-Nitrophenol	9.63	139	612609	42.885	ng	100
27) 2,4-Dimethylphenol	9.69	122	929895	44.569	ng	99
28) bis(2-Chloroethoxy)methane	9.93	93	1593680	44.695	ng	96
29) 2,4-Dichlorophenol	10.16	162	1019397	42.551	ng	99
30) 1,2,4-Trichlorobenzene	10.36	180	1111309	40.167	ng	99
31) Naphthalene	10.56	128	3434261	44.068	ng	99
32) Benzoic acid	9.82	122	284766	15.646	ng	95
33) 4-Chloroaniline	10.69	127	307743	8.834	ng	99
34) Hexachlorobutadiene	10.82	225	616454	38.387	ng	99
36) 4-Chloro-3-methylphenol	11.80	107	1138261	39.408	ng	98
37) 2-Methylnaphthalene	12.17	142	2557550	46.613	ng	100
38) 1-Methylnaphthalene	12.39	142	2420076	45.105	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.54	216	1225902	42.720	ng	99
41) Hexachlorocyclopentadiene	12.51	237	1545200	105.320	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021219\
 Data File : BM018785.D
 Acq On : 12 Feb 2019 22:43
 Operator : JU/SJ
 Sample : K1460-06MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-2-20190208MSD

Quant Time: Feb 13 03:05:07 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)
43) 2,4,6-Trichlorophenol	12.79	196	851929	44.846	ng	99
44) 2,4,5-Trichlorophenol	12.86	196	913282	45.868	ng	99
46) 1,1'-Biphenyl	13.19	154	3245174	42.027	ng	100
47) 2-Chloronaphthalene	13.24	162	2516031	42.186	ng	99
48) 2-Nitroaniline	13.46	65	889723	44.917	ng	98
49) Acenaphthylene	14.09	152	4082617	45.972	ng	99
50) Dimethylphthalate	13.83	163	3401301	45.496	ng	99
51) 2,6-Dinitrotoluene	13.96	165	718941	44.393	ng	97
52) Acenaphthene	14.43	154	2378770	43.684	ng	99
53) 3-Nitroaniline	14.30	138	488819	26.714	ng	99
54) 2,4-Dinitrophenol	14.50	184	844522	82.026	ng	96
55) Dibenzofuran	14.77	168	3839497	42.898	ng	99
56) 4-Nitrophenol	14.61	139	538835	36.888	ng	99
57) 2,4-Dinitrotoluene	14.75	165	1008164	45.182	ng	99
58) Fluorene	15.42	166	3121569	45.588	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.99	232	815039	46.310	ng	100
60) Diethylphthalate	15.20	149	3334390	43.237	ng	99
61) 4-Chlorophenyl-phenylether	15.42	204	1586349	41.320	ng	96
62) 4-Nitroaniline	15.46	138	663044	36.961	ng	98
63) Azobenzene	15.71	77	3554774	42.990	ng	98
65) 4,6-Dinitro-2-methylphenol	15.51	198	541376	39.108	ng	97
66) n-Nitrosodiphenylamine	15.63	169	2708320	43.477	ng	100
67) 4-Bromophenyl-phenylether	16.31	248	947349	42.926	ng	99
68) Hexachlorobenzene	16.41	284	1075989	41.945	ng	99
69) Atrazine	16.59	200	930619	46.340	ng	100
70) Pentachlorophenol	16.77	266	1382472	83.700	ng	99
71) Phenanthrene	17.16	178	4779515	45.107	ng	99
72) Anthracene	17.25	178	4901714	47.528	ng	99
73) Carbazole	17.53	167	4459060	41.383	ng	99
74) Di-n-butylphthalate	18.09	149	5733645	46.269	ng	100
75) Fluoranthene	19.18	202	5455519	44.572	ng	98
77) Benzidine	19.38	184	777188	18.217	ng	100
78) Pyrene	19.54	202	5573006	50.654	ng	100
80) Butylbenzylphthalate	20.44	149	2683223	53.514	ng	100
81) Benzo(a)anthracene	21.29	228	5194275	47.039	ng	100
82) 3,3'-Dichlorobenzidine	21.23	252	1361861	31.206	ng	100
83) Chrysene	21.34	228	4814927	45.493	ng	100
84) Bis(2-ethylhexyl)phthalate	21.22	149	3817703	52.022	ng	99
85) Di-n-octyl phthalate	22.10	149	6193065	50.211	ng	99
86) Indeno(1,2,3-cd)pyrene	25.87	276	4331023	35.443	ng	100
88) Benzo(b)fluoranthene	22.89	252	4520180	50.649	ng	100
89) Benzo(k)fluoranthene	22.93	252	4413602	49.675	ng	100
90) Benzo(a)pyrene	23.47	252	4129222	48.841	ng	100
91) Dibenzo(a,h)anthracene	25.87	278	3667874	43.789	ng	99
92) Benzo(g,h,i)perylene	26.57	276	3450450	44.248	ng	100

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

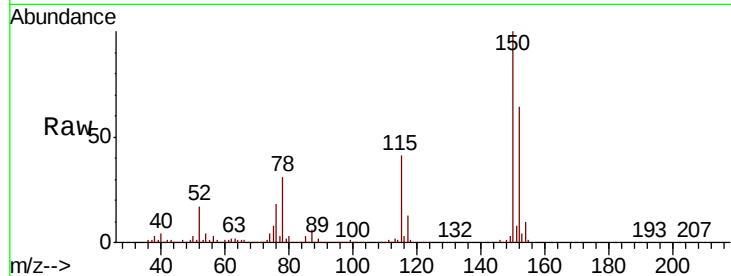


#1

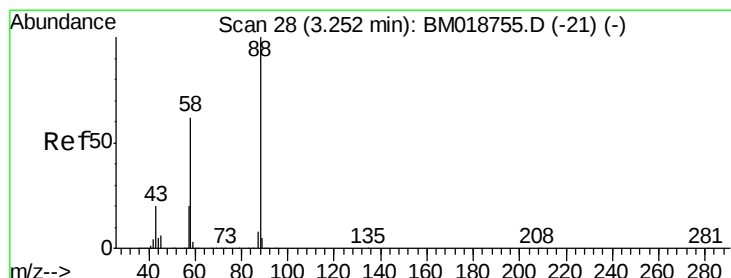
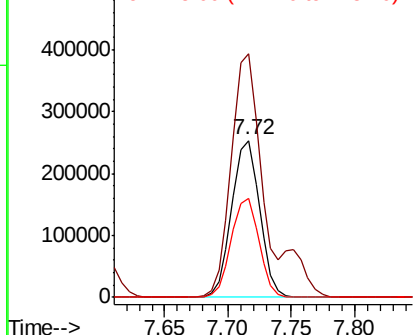
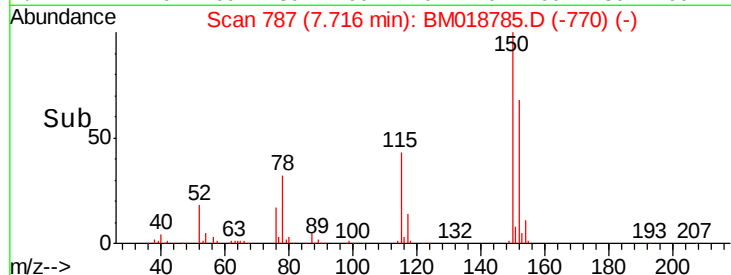
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BM018785.D
Acq: 12 Feb 2019 22:43

Instrument :
BNA_M
ClientSampleId :
MW-2-20190208MSD

Tgt Ion:152 Resp: 385900
Ion Ratio Lower Upper
152 100
150 155.3 127.3 190.9
115 63.0 50.8 76.2



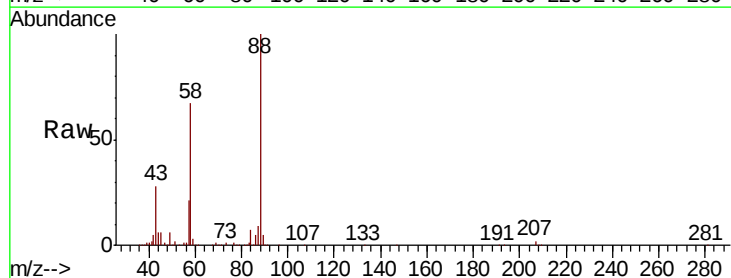
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



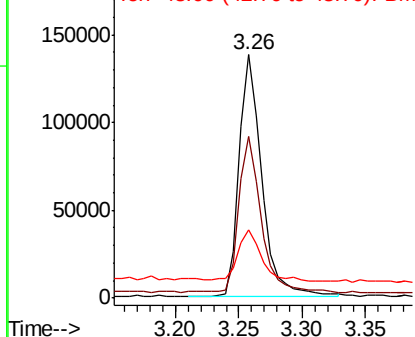
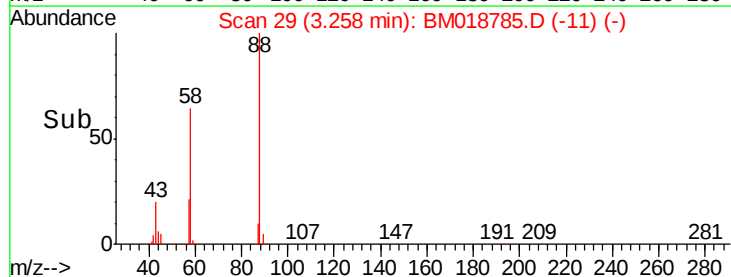
#2

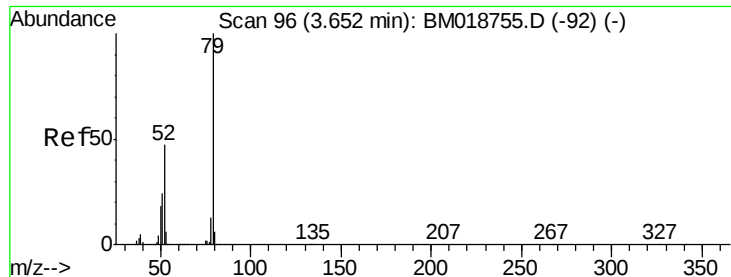
1,4-Dioxane
Concen: 16.490 ng
RT: 3.26 min Scan# 29
Delta R.T. 0.01 min
Lab File: BM018785.D
Acq: 12 Feb 2019 22:43

Tgt Ion: 88 Resp: 169154
Ion Ratio Lower Upper
88 100
58 63.3 49.8 74.6
43 21.3 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: 14.319 ng

RT: 3.66 min Scan# 97

Delta R.T. 0.01 min

Lab File: BM018785.D

Acq: 12 Feb 2019 22:43

Instrument :

BNA_M

ClientSampleId :

MW-2-20190208MSD

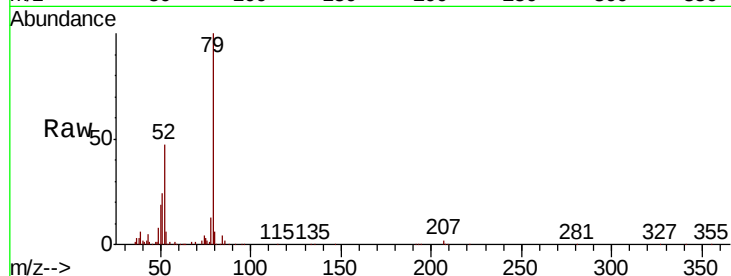
Tgt Ion: 79 Resp: 400676

Ion Ratio Lower Upper

79 100

52 46.7 37.6 56.4

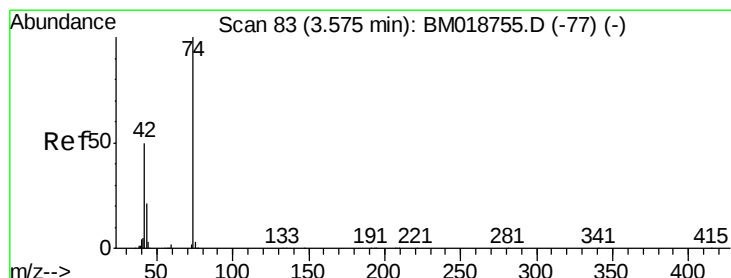
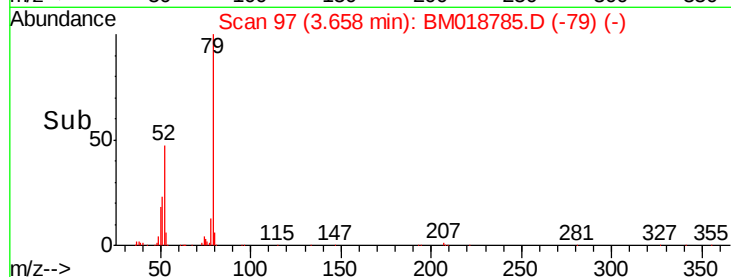
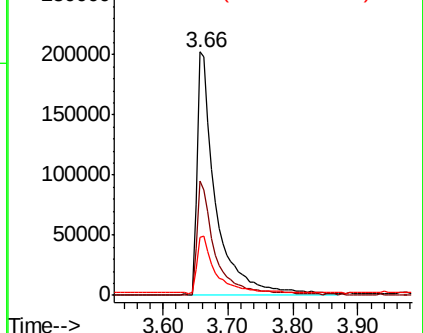
51 24.0 19.7 29.5



Abundance Ion 79.00 (78.70 to 79.70): BM018785.D (-92) (-)

Ion 52.00 (51.70 to 52.70): BM018785.D (-92) (-)

Ion 51.00 (50.70 to 51.70): BM018785.D (-92) (-)



#4

n-Nitrosodimethylamine

Concen: 22.160 ng

RT: 3.58 min Scan# 83

Delta R.T. -0.00 min

Lab File: BM018785.D

Acq: 12 Feb 2019 22:43

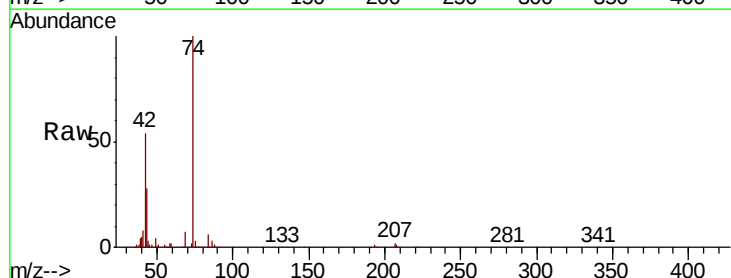
Tgt Ion: 42 Resp: 157741

Ion Ratio Lower Upper

42 100

74 186.3 158.1 237.1

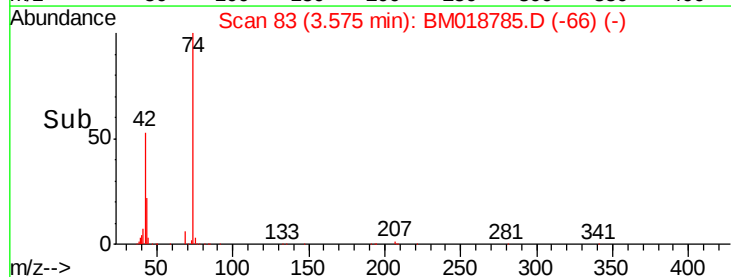
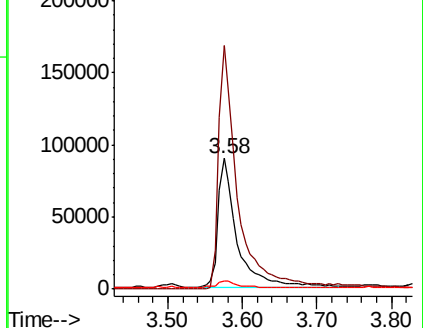
44 6.3 4.9 7.3

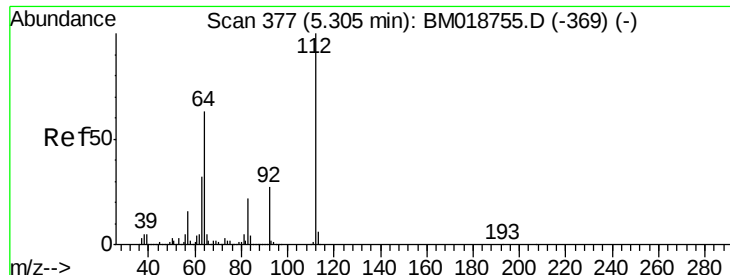


Abundance Ion 42.00 (41.70 to 42.70): BM018785.D (-77) (-)

Ion 74.00 (73.70 to 74.70): BM018785.D (-77) (-)

Ion 44.00 (43.70 to 44.70): BM018785.D (-77) (-)





#5

2-Fluorophenol

Concen: 68.789 ng

RT: 5.31 min Scan# 378

Delta R.T. 0.01 min

Lab File: BM018785.D

Acq: 12 Feb 2019 22:43

Instrument :

BNA_M

ClientSampleId :

MW-2-20190208MSD

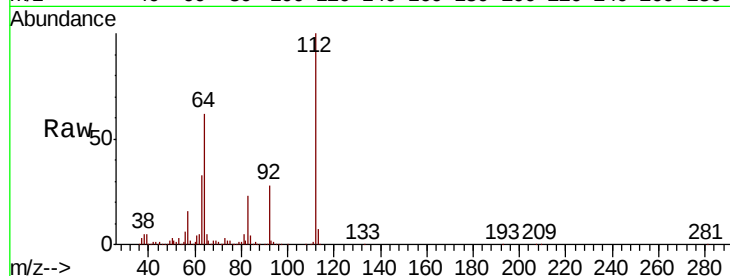
Tgt Ion: 112 Resp: 1620141

Ion Ratio Lower Upper

112 100

64 62.4 50.6 75.8

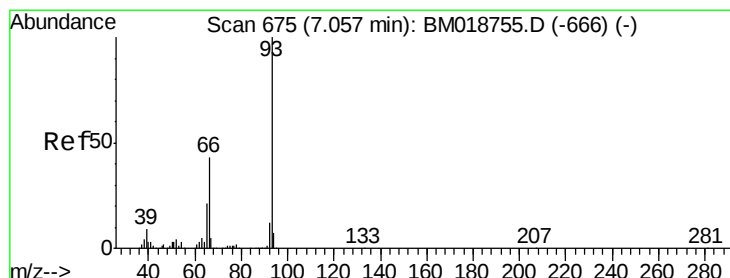
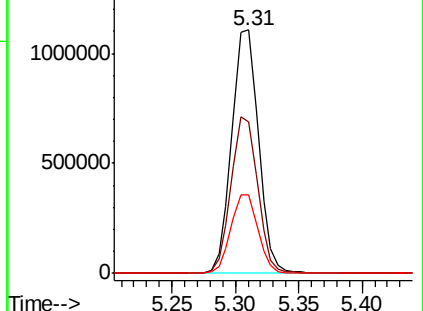
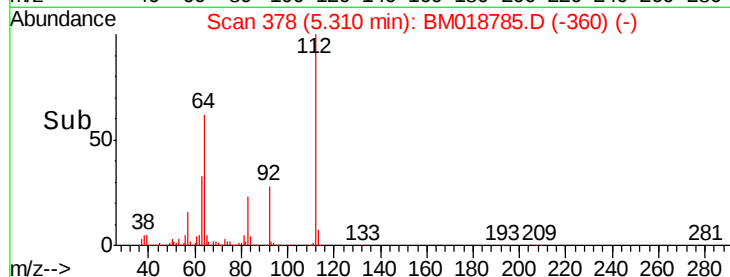
63 32.5 25.7 38.5



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: 13.821 ng

RT: 7.06 min Scan# 675

Delta R.T. -0.00 min

Lab File: BM018785.D

Acq: 12 Feb 2019 22:43

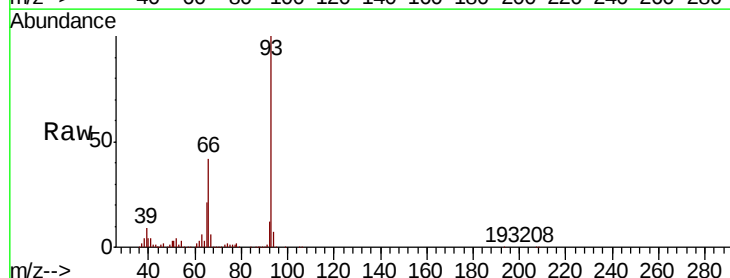
Tgt Ion: 93 Resp: 561883

Ion Ratio Lower Upper

93 100

66 42.2 34.1 51.1

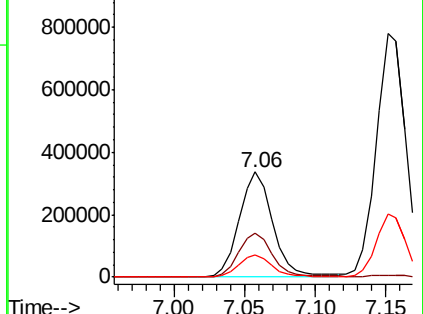
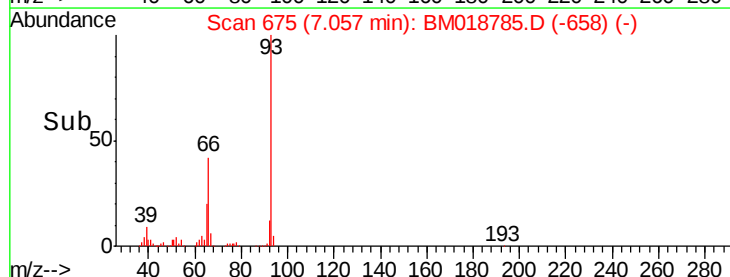
65 20.7 16.6 24.8

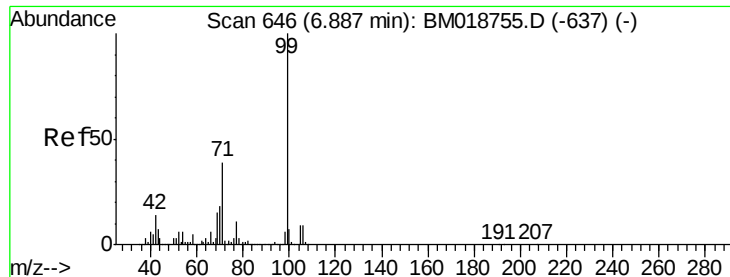


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 44.092 ng

RT: 6.89 min Scan# 647

Delta R.T. 0.01 min

Lab File: BM018785.D

Acq: 12 Feb 2019 22:43

Instrument :

BNA_M

ClientSampleId :

MW-2-20190208MSD

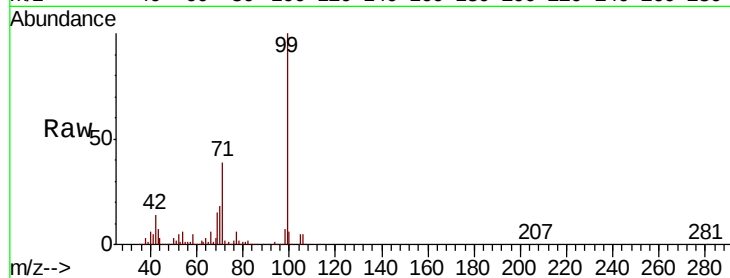
Tgt Ion: 99 Resp: 1462936

Ion Ratio Lower Upper

99 100

42 14.0 11.0 16.6

71 38.8 31.3 46.9

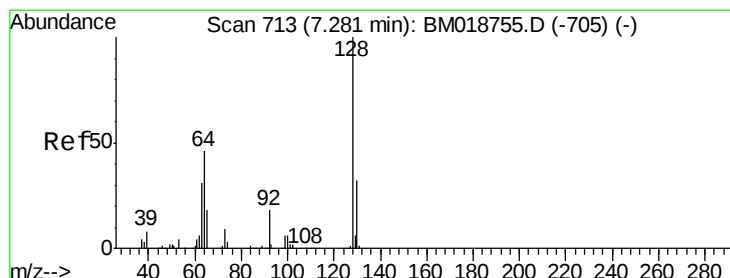
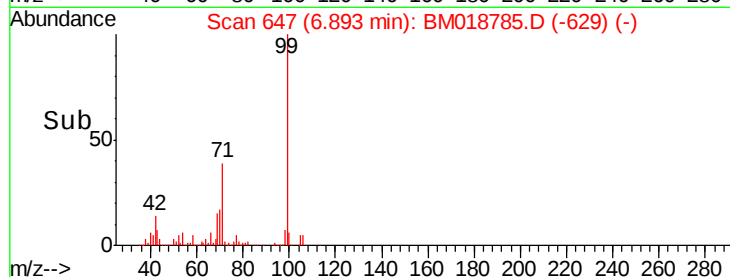
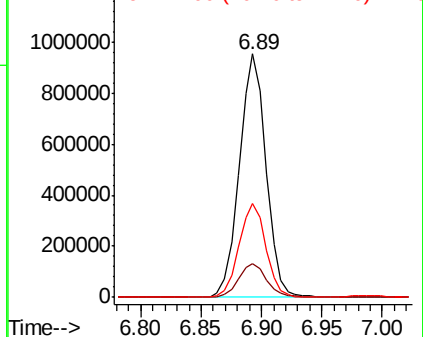


Abundance

Ion 99.00 (98.70 to 99.70): BM018785.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018785.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018785.D (-637) (-)



#8

2-Chlorophenol

Concen: 37.438 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.00 min

Lab File: BM018785.D

Acq: 12 Feb 2019 22:43

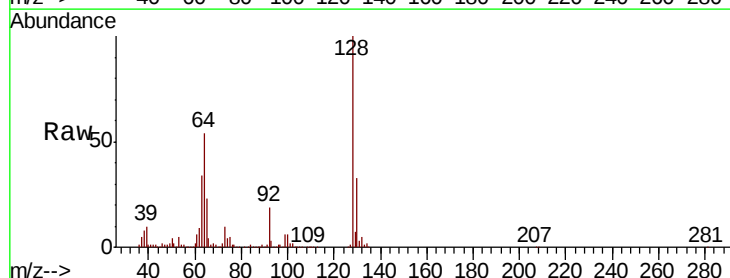
Tgt Ion: 128 Resp: 968101

Ion Ratio Lower Upper

128 100

130 32.9 11.7 51.7

64 54.0 31.0 71.0

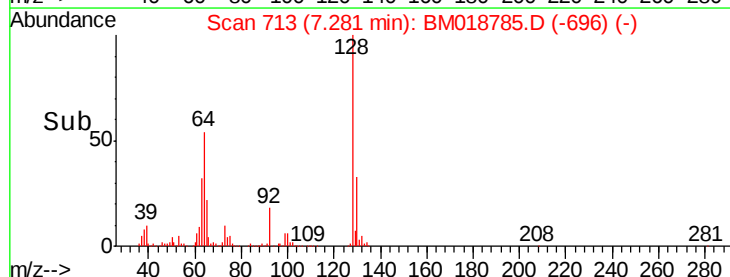
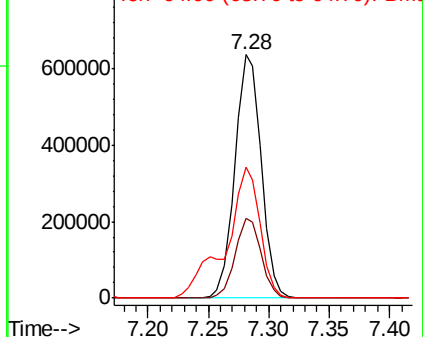


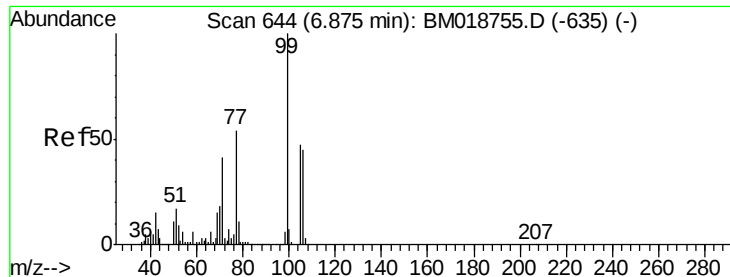
Abundance

Ion 128.00 (127.70 to 128.70): BM018785.D (-696) (-)

Ion 130.00 (129.70 to 130.70): BM018785.D (-696) (-)

Ion 64.00 (63.70 to 64.70): BM018785.D (-696) (-)





#9

Benzaldehyde

Concen: 29.828 ng

RT: 6.87 min Scan# 643

Delta R.T. -0.01 min

Lab File: BM018785.D

Acq: 12 Feb 2019 22:43

Instrument :

BNA_M

ClientSampleId :

MW-2-20190208MSD

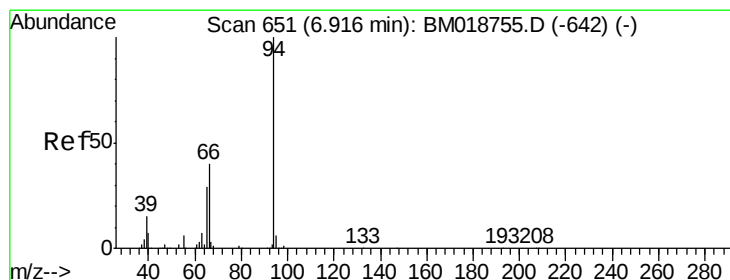
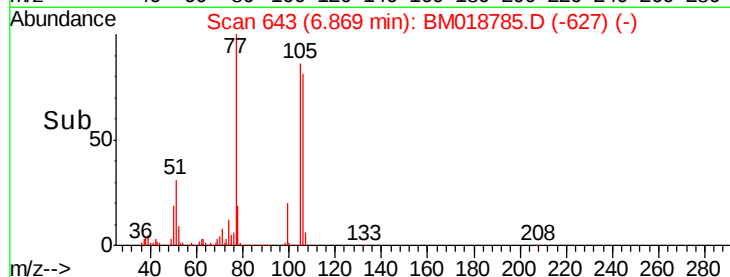
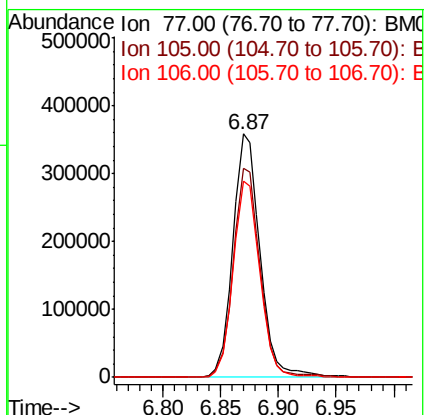
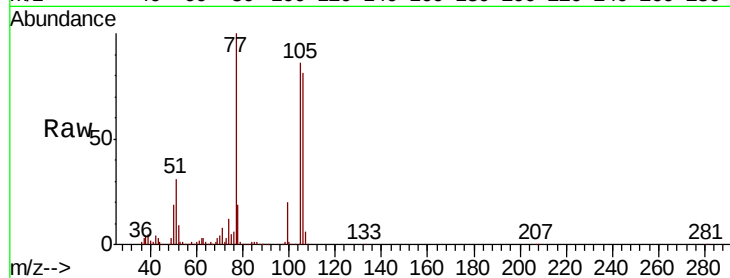
Tgt Ion: 77 Resp: 580240

Ion Ratio Lower Upper

77 100

105 85.7 67.3 107.3

106 80.6 62.9 102.9



#10

Phenol

Concen: 23.258 ng

RT: 6.92 min Scan# 652

Delta R.T. 0.01 min

Lab File: BM018785.D

Acq: 12 Feb 2019 22:43

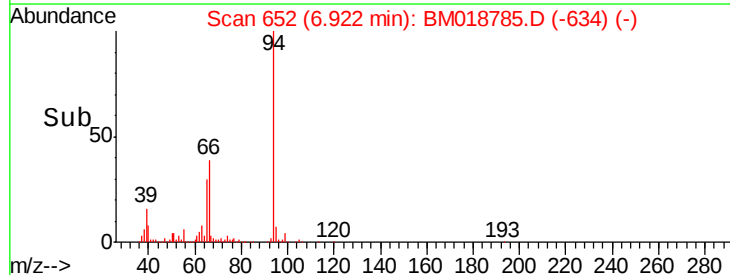
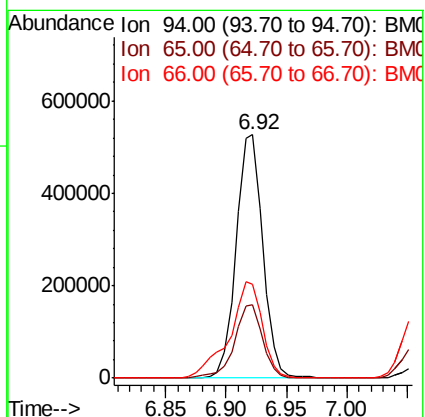
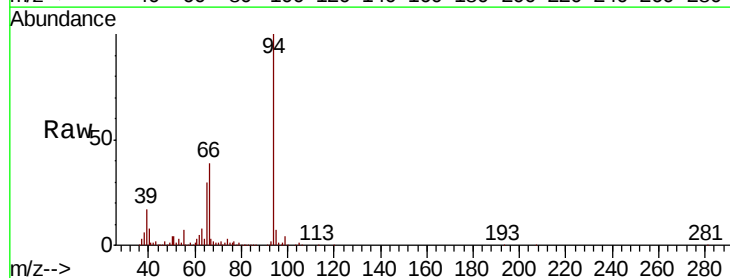
Tgt Ion: 94 Resp: 811978

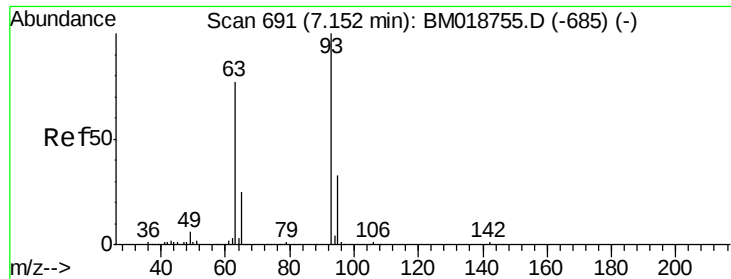
Ion Ratio Lower Upper

94 100

65 30.2 9.6 49.6

66 38.7 20.4 60.4

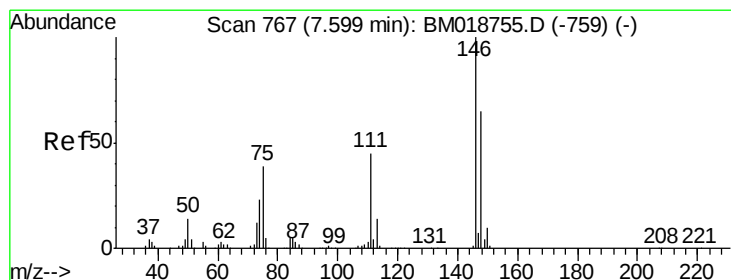
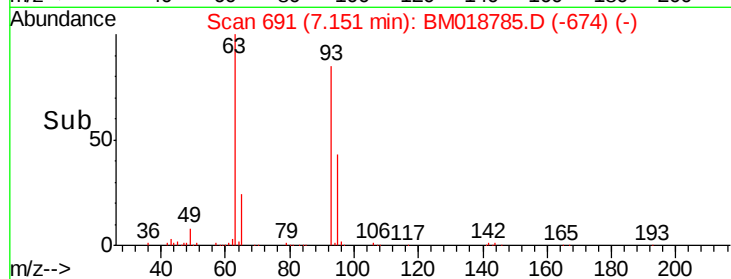
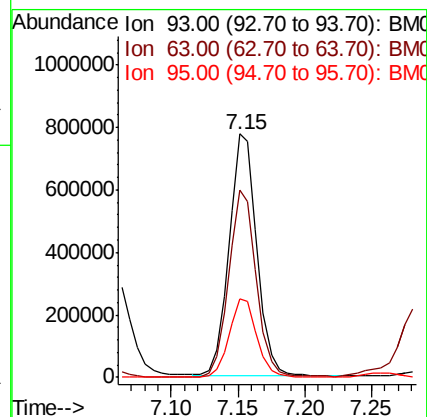
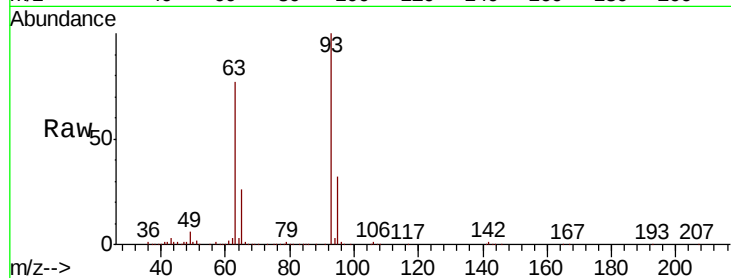




#11
bis(2-Chloroethyl)ether
Concen: 42.578 ng
RT: 7.15 min Scan# 691
Delta R.T. -0.00 min
Lab File: BM018785.D
Acq: 12 Feb 2019 22:43

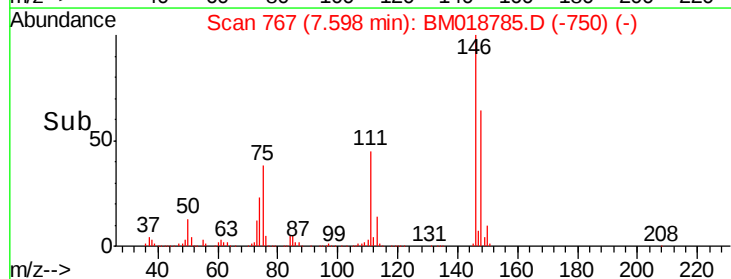
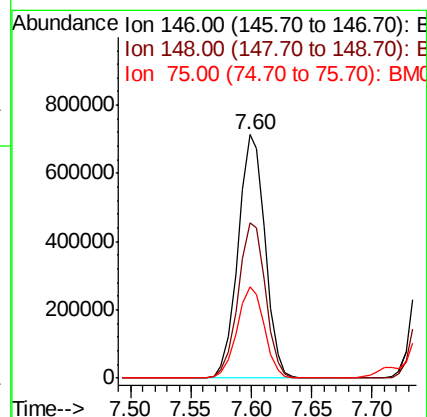
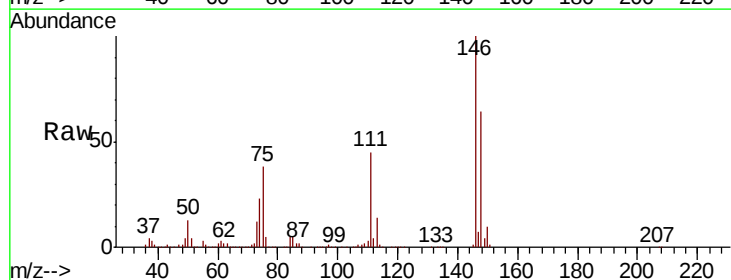
Instrument :
BNA_M
ClientSampleId :
MW-2-20190208MSD

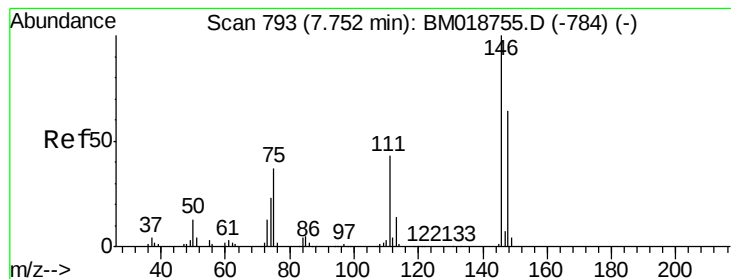
Tgt Ion: 93 Resp: 1133910
Ion Ratio Lower Upper
93 100
63 76.9 57.0 97.0
95 32.2 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 38.233 ng
RT: 7.60 min Scan# 767
Delta R.T. -0.00 min
Lab File: BM018785.D
Acq: 12 Feb 2019 22:43

Tgt Ion: 146 Resp: 1111687
Ion Ratio Lower Upper
146 100
148 64.0 51.7 77.5
75 37.7 31.3 46.9





#13

1,4-Dichlorobenzene

Concen: 38.458 ng

RT: 7.75 min Scan# 793

Delta R.T. -0.00 min

Lab File: BM018785.D

Acq: 12 Feb 2019 22:43

Instrument :

BNA_M

ClientSampleId :

MW-2-20190208MSD

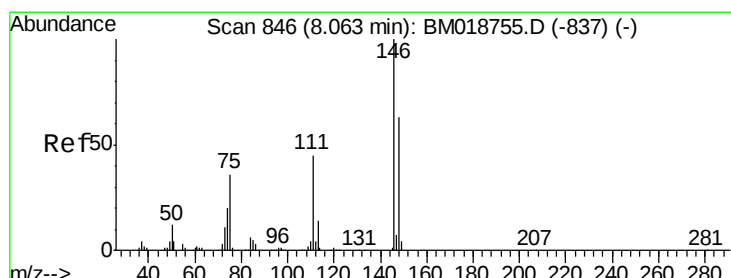
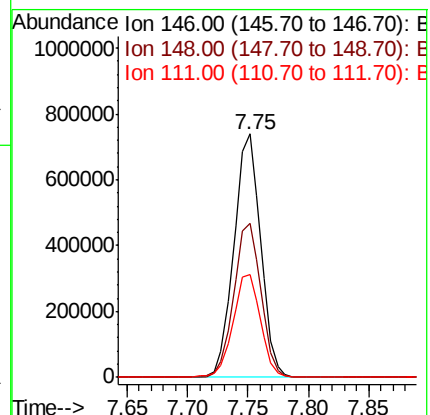
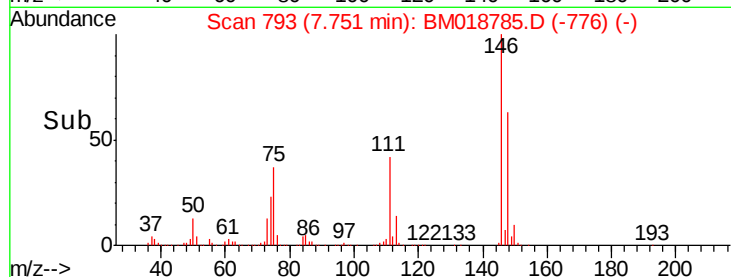
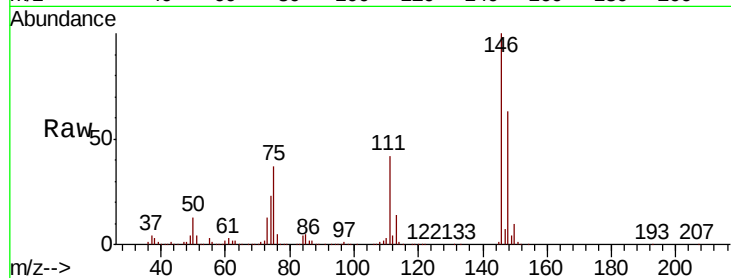
Tgt Ion:146 Resp: 1138410

Ion Ratio Lower Upper

146 100

148 63.4 51.4 77.2

111 42.4 34.6 52.0



#14

1,2-Dichlorobenzene

Concen: 39.088 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BM018785.D

Acq: 12 Feb 2019 22:43

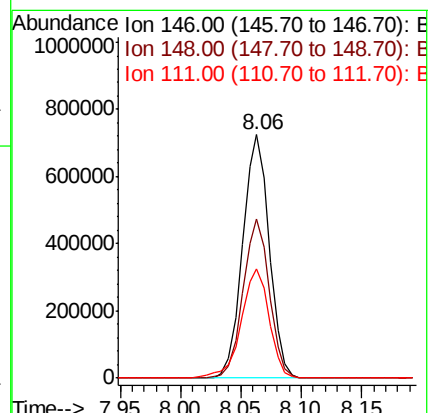
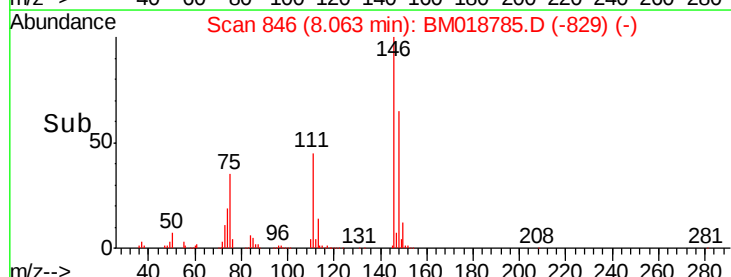
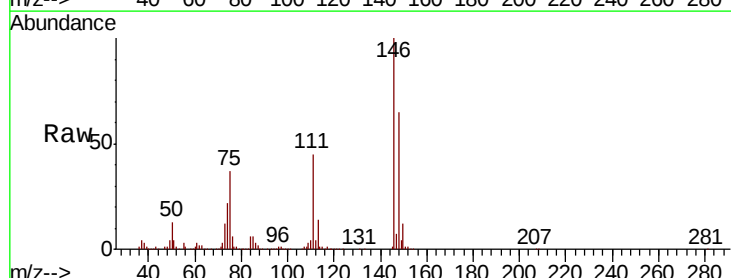
Tgt Ion:146 Resp: 1111401

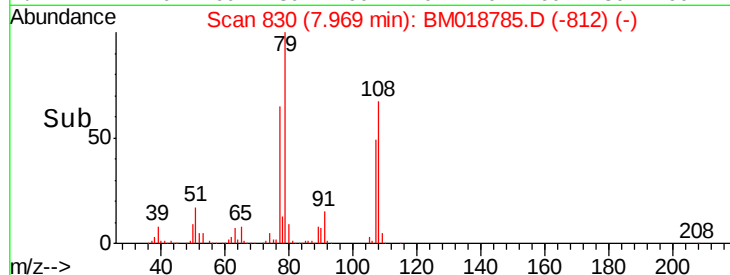
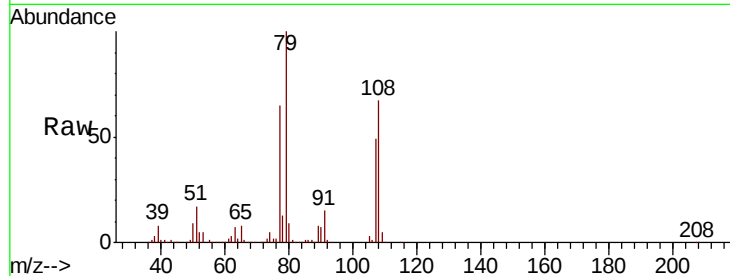
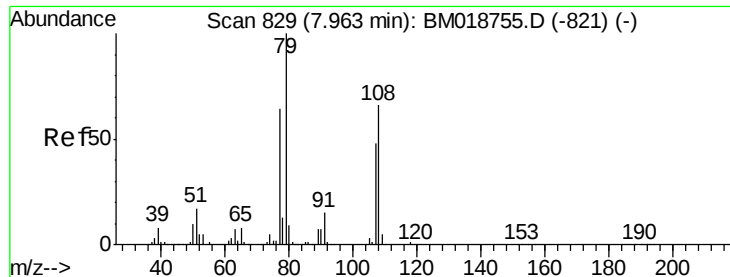
Ion Ratio Lower Upper

146 100

148 65.2 50.7 76.1

111 44.8 35.9 53.9

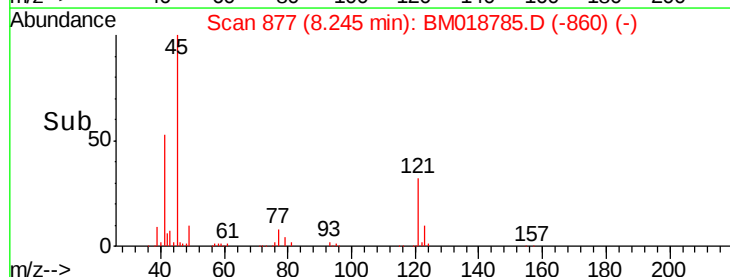
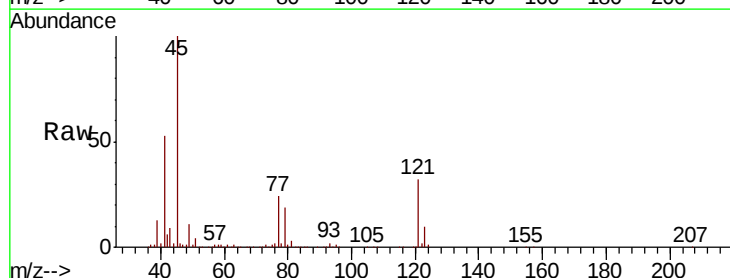
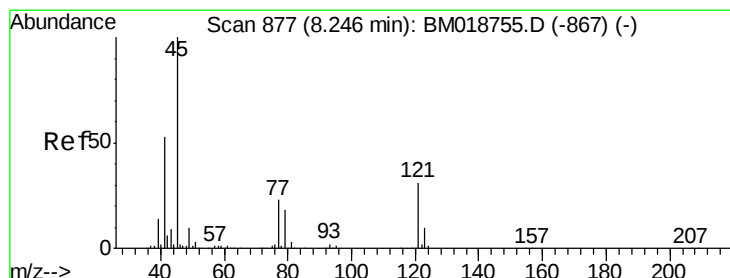
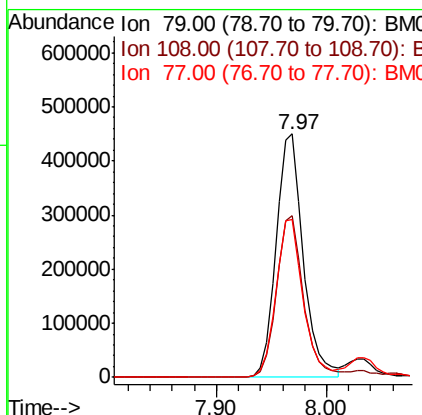




#15
Benzyl Alcohol
Concen: 29.036 ng
RT: 7.97 min Scan# 830
Delta R.T. 0.01 min
Lab File: BM018785.D
Acq: 12 Feb 2019 22:43

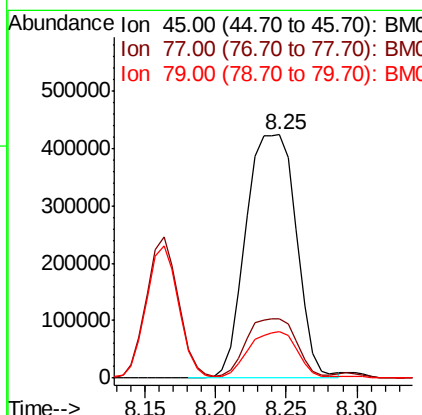
Instrument :
BNA_M
ClientSampleId :
MW-2-20190208MSD

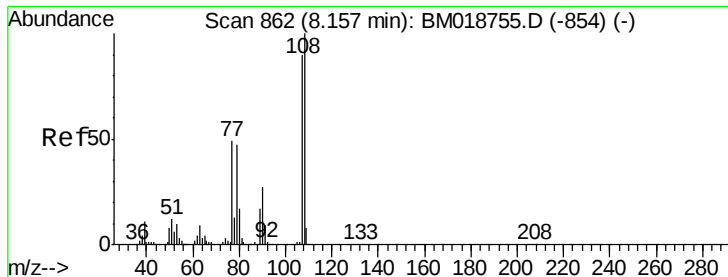
Tgt Ion: 79 Resp: 765507
Ion Ratio Lower Upper
79 100
108 66.6 52.7 79.1
77 64.7 51.0 76.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.987 ng
RT: 8.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: BM018785.D
Acq: 12 Feb 2019 22:43

Tgt Ion: 45 Resp: 1056433
Ion Ratio Lower Upper
45 100
77 24.4 5.0 45.0
79 19.2 0.0 39.3

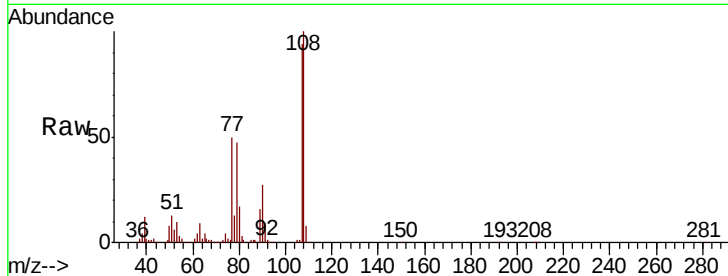




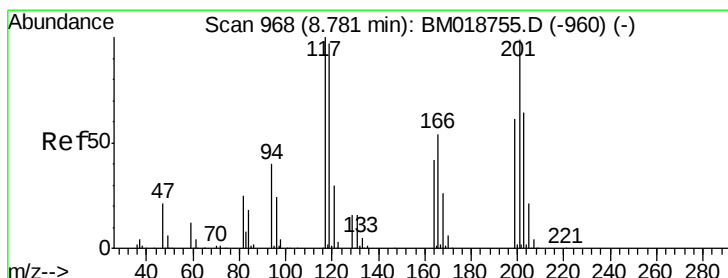
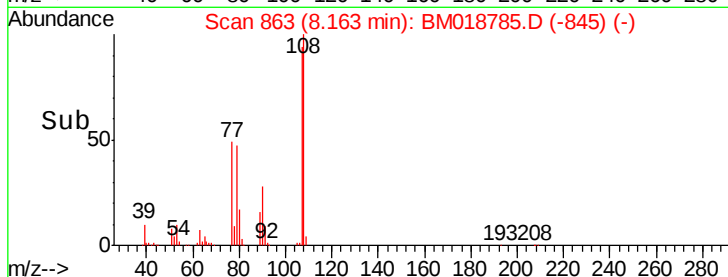
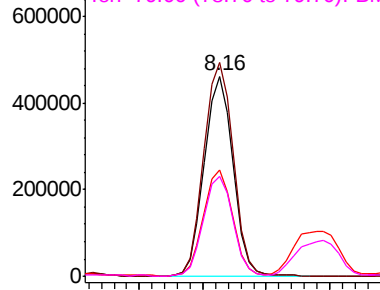
#17
2-Methylphenol
Concen: 32.549 ng
RT: 8.16 min Scan# 863
Delta R.T. 0.01 min
Lab File: BM018785.D
Acq: 12 Feb 2019 22:43

Instrument :
BNA_M
ClientSampleId :
MW-2-20190208MSD

Tgt Ion:	107	Resp:	723246
Ion	Ratio	Lower	Upper
107	100		
108	106.8	88.8	133.2
77	53.1	44.0	66.0
79	50.0	42.4	63.6

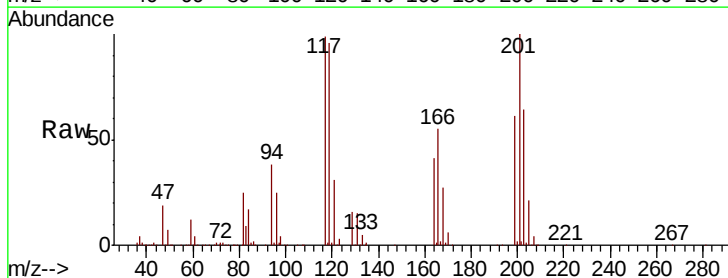


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

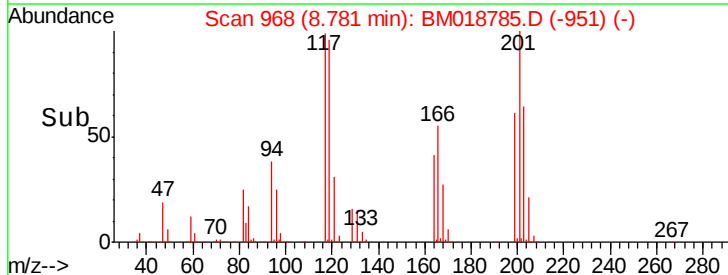
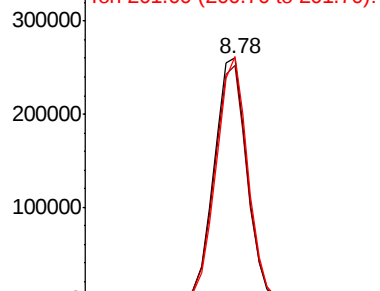


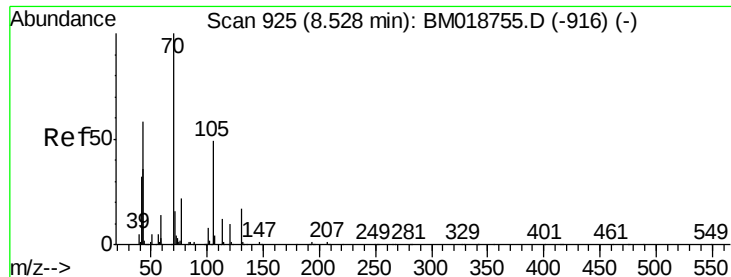
#18
Hexachloroethane
Concen: 39.186 ng
RT: 8.78 min Scan# 968
Delta R.T. -0.00 min
Lab File: BM018785.D
Acq: 12 Feb 2019 22:43

Tgt Ion:	117	Resp:	423432
Ion	Ratio	Lower	Upper
117	100		
119	96.8	77.9	116.9
201	100.5	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

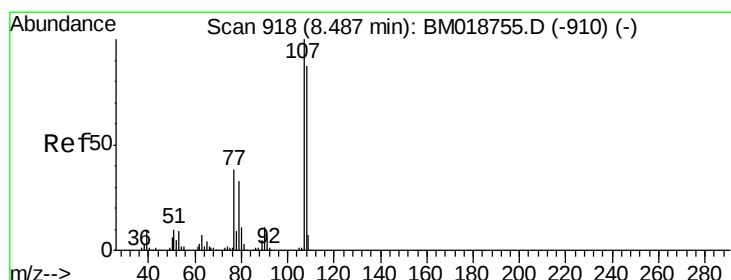
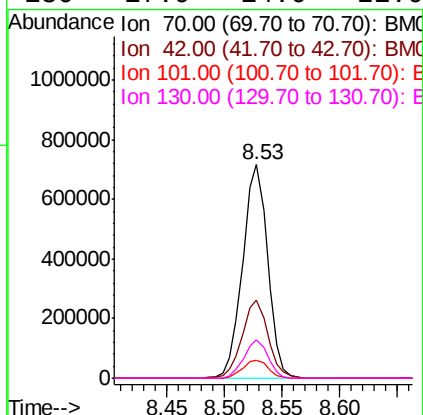
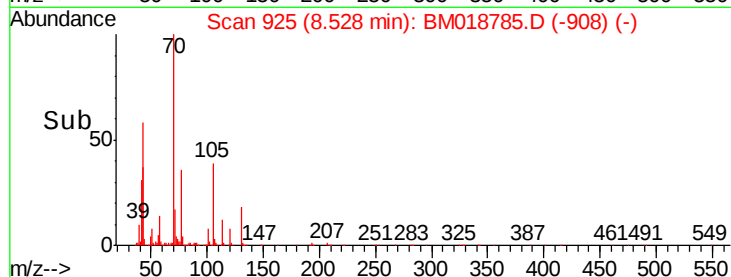
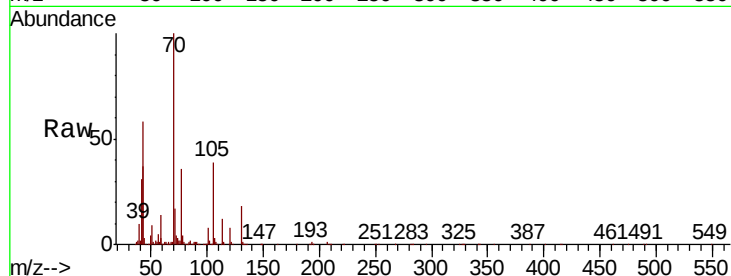




#19
n-Nitroso-di-n-propylamine
Concen: 42.221 ng
RT: 8.53 min Scan# 925
Delta R.T. -0.00 min
Lab File: BM018785.D
Acq: 12 Feb 2019 22:43

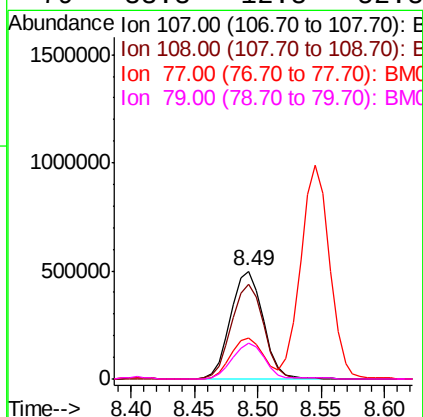
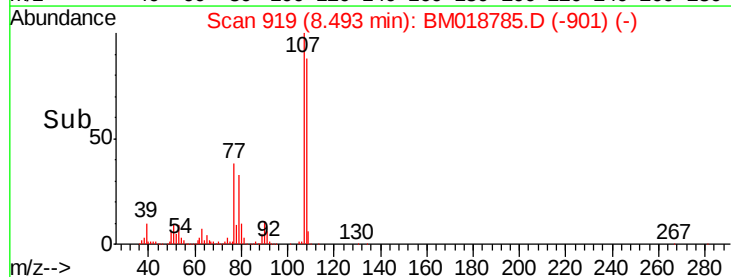
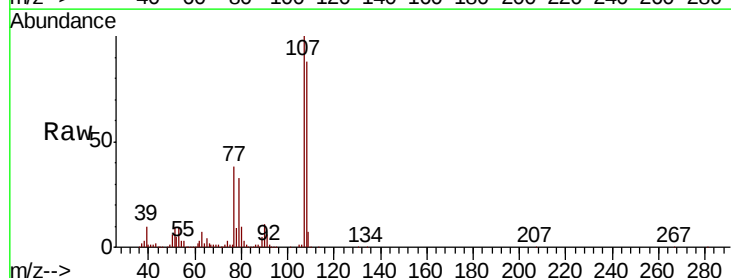
Instrument :
BNA_M
ClientSampleId :
MW-2-20190208MSD

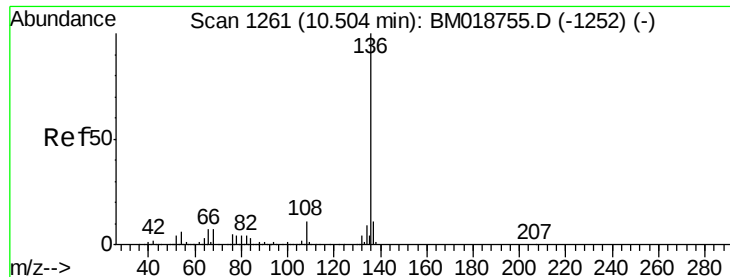
Tgt Ion: 70 Resp: 1084661
Ion Ratio Lower Upper
70 100
42 36.7 29.4 44.0
101 8.5 6.7 10.1
130 17.9 14.0 21.0



#20
3+4-Methylphenols
Concen: 28.989 ng
RT: 8.49 min Scan# 919
Delta R.T. 0.01 min
Lab File: BM018785.D
Acq: 12 Feb 2019 22:43

Tgt Ion: 107 Resp: 889455
Ion Ratio Lower Upper
107 100
108 87.8 67.3 107.3
77 38.5 18.0 58.0
79 33.3 12.8 52.8

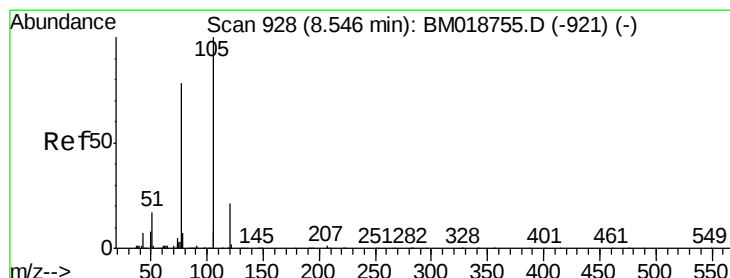
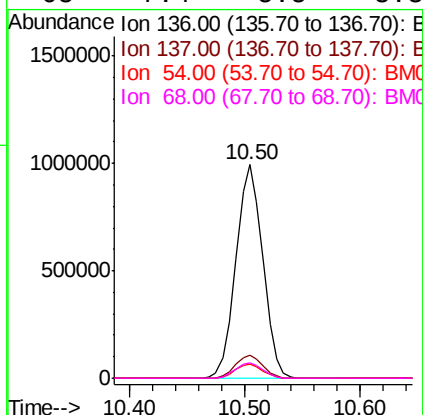
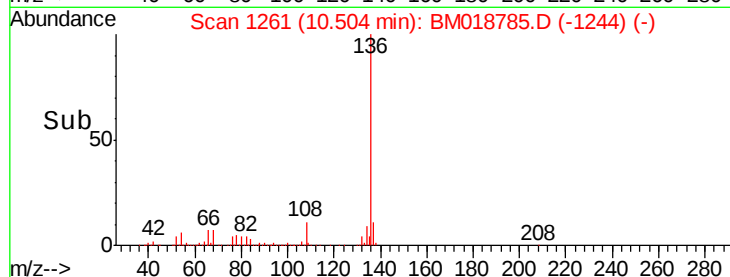
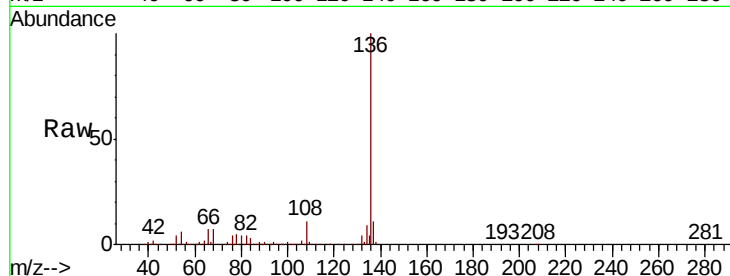




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.50 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BM018785.D
Acq: 12 Feb 2019 22:43

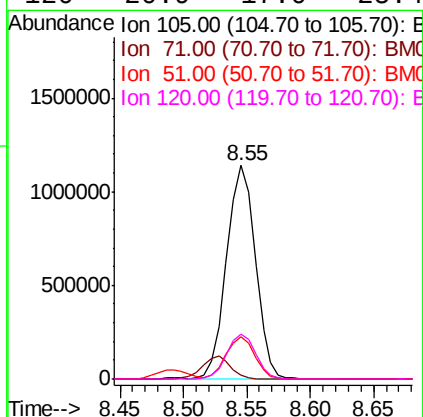
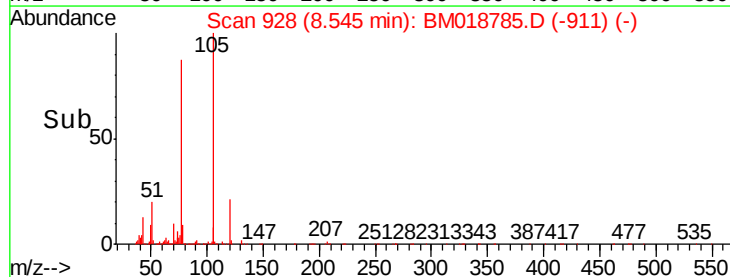
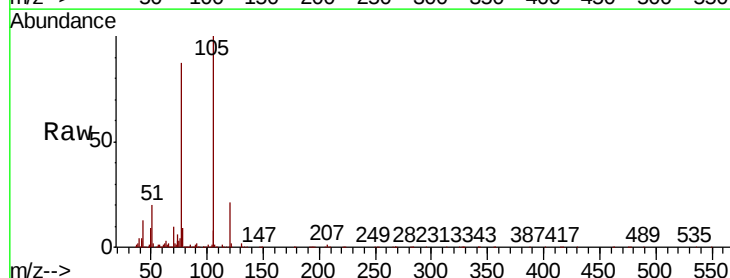
Instrument :
BNA_M
ClientSampleId :
MW-2-20190208MSD

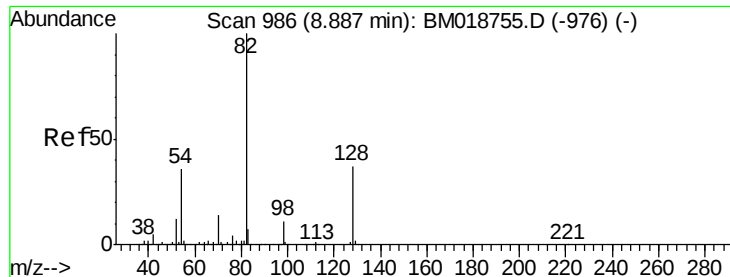
Tgt Ion:136 Resp: 1597895
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.5 5.0 7.6
68 7.4 5.5 8.3



#22
Acetophenone
Concen: 40.857 ng
RT: 8.55 min Scan# 928
Delta R.T. -0.00 min
Lab File: BM018785.D
Acq: 12 Feb 2019 22:43

Tgt Ion:105 Resp: 1792873
Ion Ratio Lower Upper
105 100
71 1.6 1.1 1.7
51 19.7 15.5 23.3
120 20.9 17.0 25.4

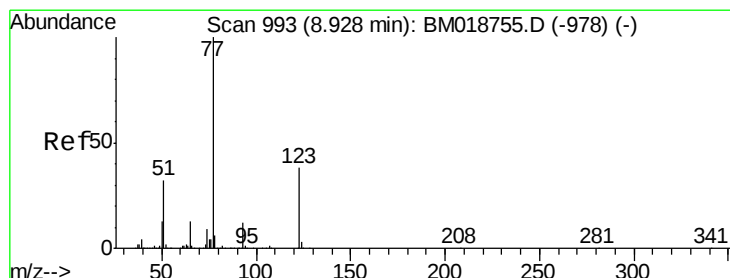
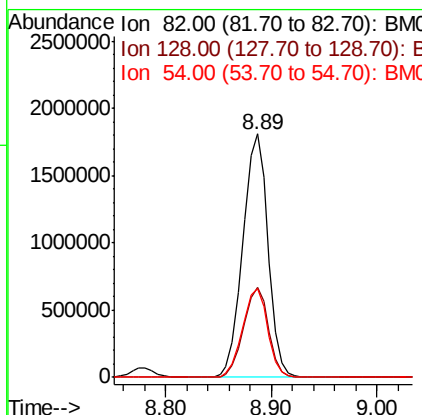
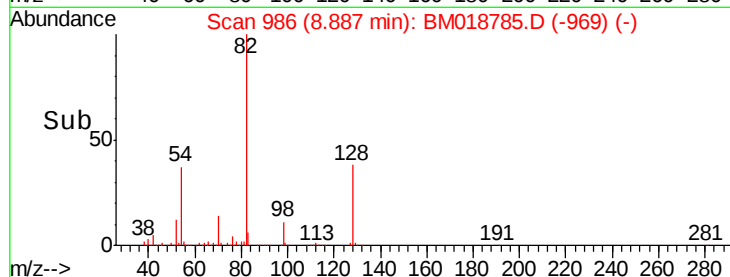
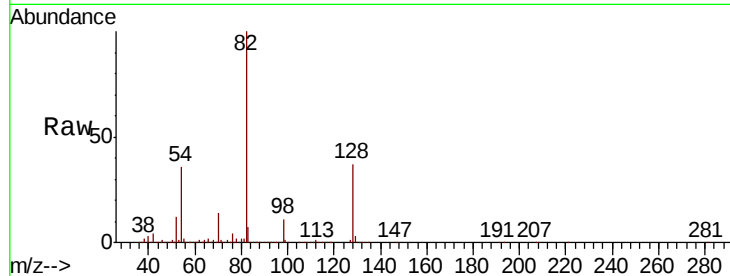




#23
 Nitrobenzene-d5
 Concen: 86.670 ng
 RT: 8.89 min Scan# 986
 Delta R.T. -0.00 min
 Lab File: BM018785.D
 Acq: 12 Feb 2019 22:43

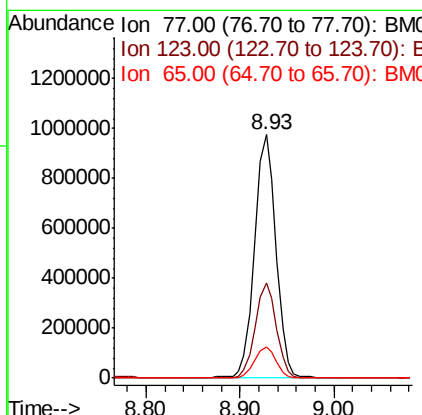
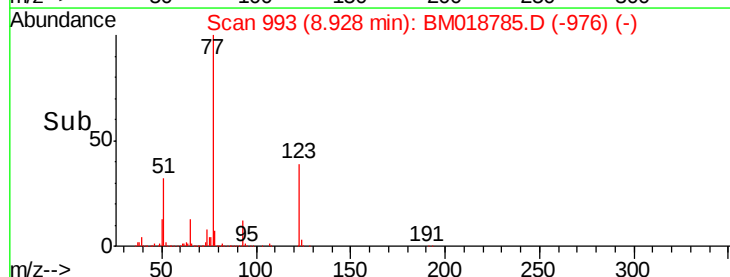
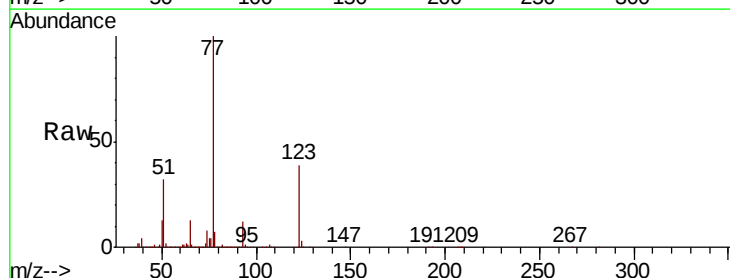
Instrument :
 BNA_M
 ClientSampleId :
 MW-2-20190208MSD

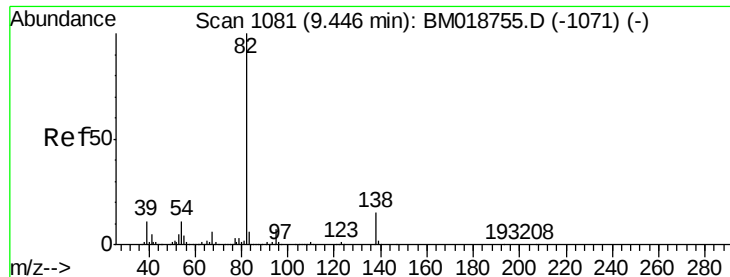
Tgt Ion: 82 Resp: 2995094
 Ion Ratio Lower Upper
 82 100
 128 37.2 29.9 44.9
 54 36.4 29.1 43.7



#24
 Nitrobenzene
 Concen: 42.890 ng
 RT: 8.93 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: BM018785.D
 Acq: 12 Feb 2019 22:43

Tgt Ion: 77 Resp: 1538510
 Ion Ratio Lower Upper
 77 100
 123 38.9 30.7 46.1
 65 13.0 10.5 15.7





#25

Isophorone

Concen: 49.148 ng

RT: 9.45 min Scan# 1081

Delta R.T. -0.00 min

Lab File: BM018785.D

Acq: 12 Feb 2019 22:43

Instrument :

BNA_M

ClientSampleId :

MW-2-20190208MSD

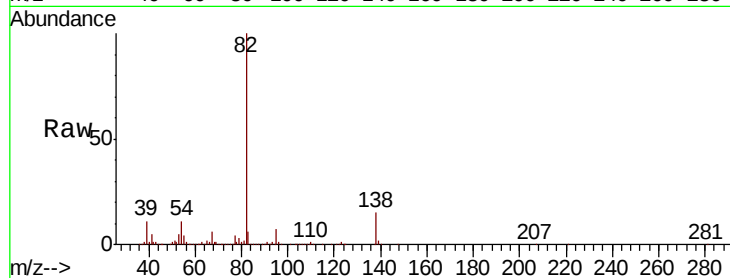
Tgt Ion: 82 Resp: 2710000

Ion Ratio Lower Upper

82 100

95 6.9 5.7 8.5

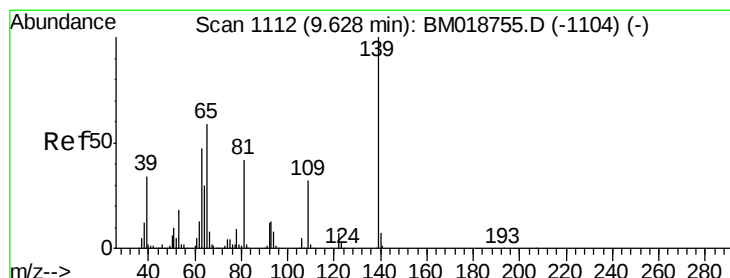
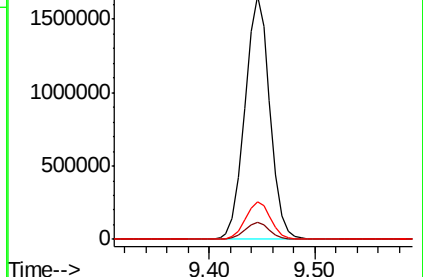
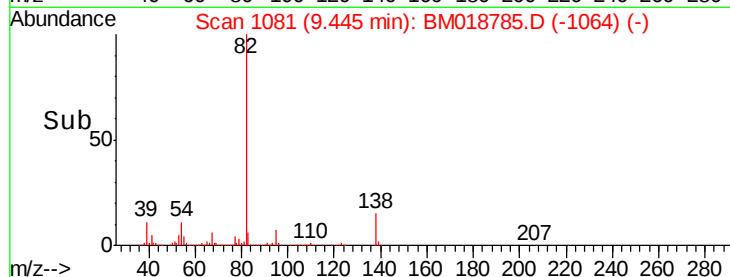
138 15.4 12.3 18.5



Abundance Ion 82.00 (81.70 to 82.70): BM018785.D (-1071) (-)

Ion 95.00 (94.70 to 95.70): BM018785.D (-1071) (-)

Ion 138.00 (137.70 to 138.70): BM018785.D (-1071) (-)



#26

2-Nitrophenol

Concen: 42.885 ng

RT: 9.63 min Scan# 1112

Delta R.T. -0.00 min

Lab File: BM018785.D

Acq: 12 Feb 2019 22:43

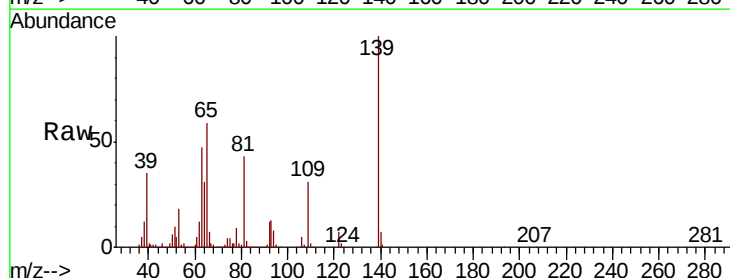
Tgt Ion: 139 Resp: 612609

Ion Ratio Lower Upper

139 100

109 31.3 25.2 37.8

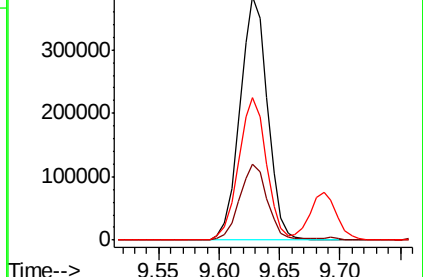
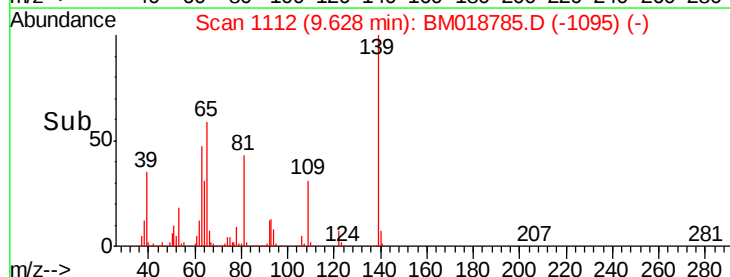
65 58.6 47.0 70.4

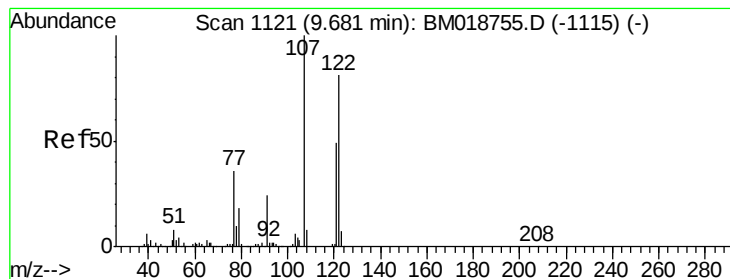


Abundance Ion 139.00 (138.70 to 139.70): BM018785.D (-1095) (-)

Ion 109.00 (108.70 to 109.70): BM018785.D (-1095) (-)

Ion 65.00 (64.70 to 65.70): BM018785.D (-1095) (-)





#27

2,4-Dimethylphenol

Concen: 44.569 ng

RT: 9.69 min Scan# 1122

Delta R.T. 0.01 min

Lab File: BM018785.D

Acq: 12 Feb 2019 22:43

Instrument :

BNA_M

ClientSampleId :

MW-2-20190208MSD

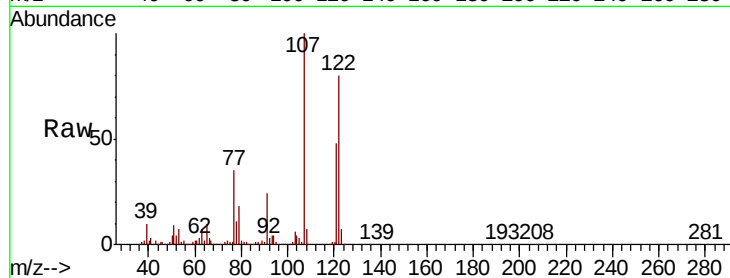
Tgt Ion:122 Resp: 929895

Ion Ratio Lower Upper

122 100

107 124.5 97.6 146.4

121 59.9 47.9 71.9

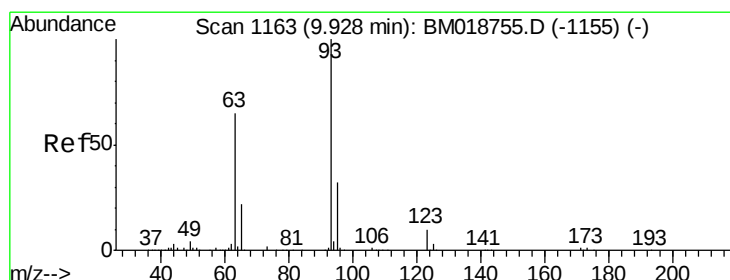
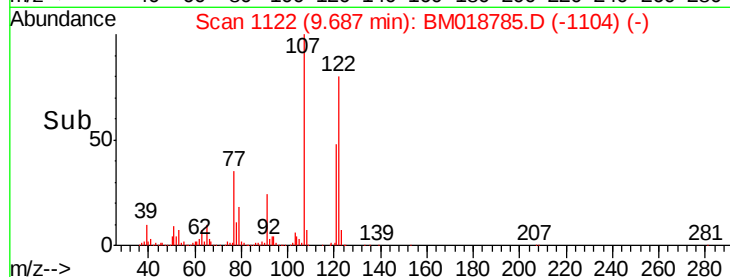
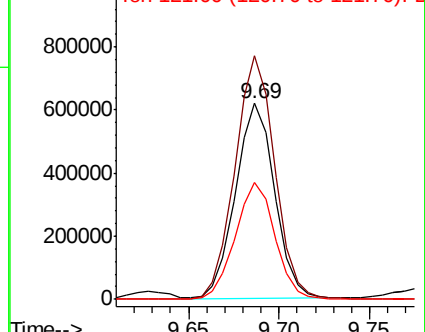


Abundance

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: 44.695 ng

RT: 9.93 min Scan# 1163

Delta R.T. -0.00 min

Lab File: BM018785.D

Acq: 12 Feb 2019 22:43

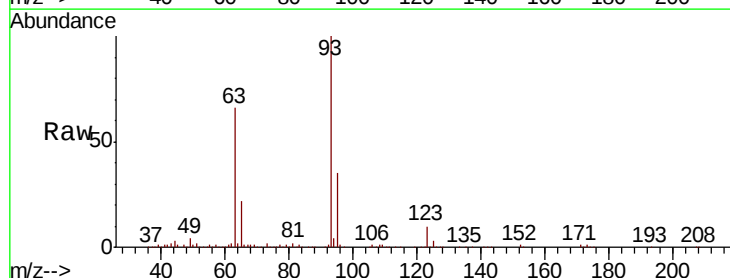
Tgt Ion: 93 Resp: 1593680

Ion Ratio Lower Upper

93 100

95 35.2 25.6 38.4

123 10.5 8.2 12.4

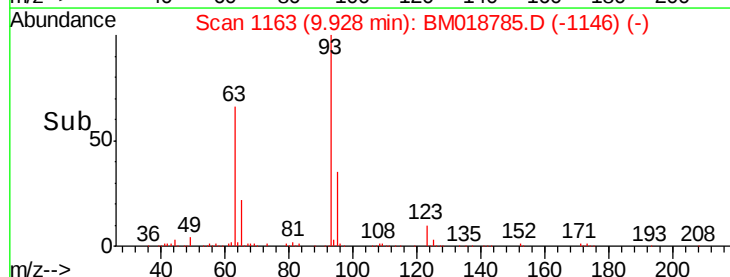
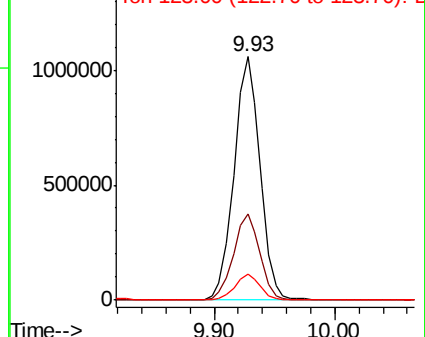


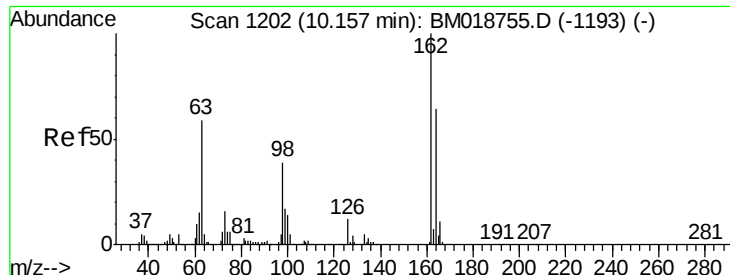
Abundance

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

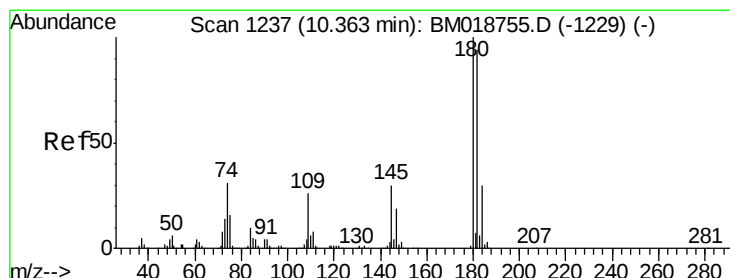
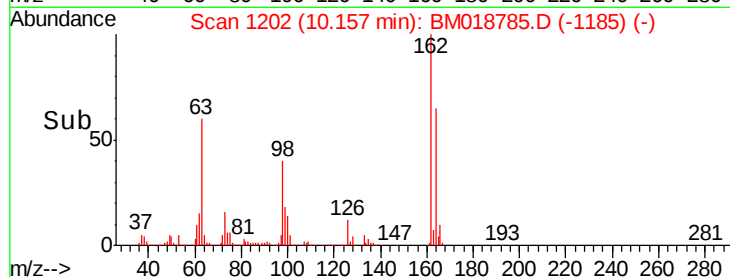
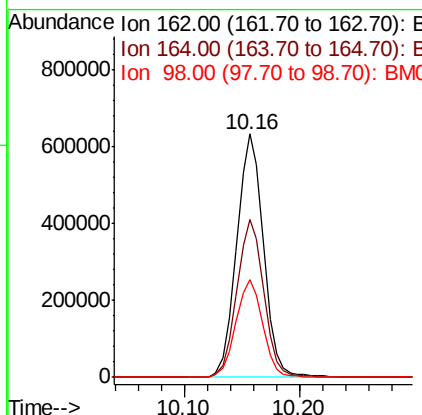
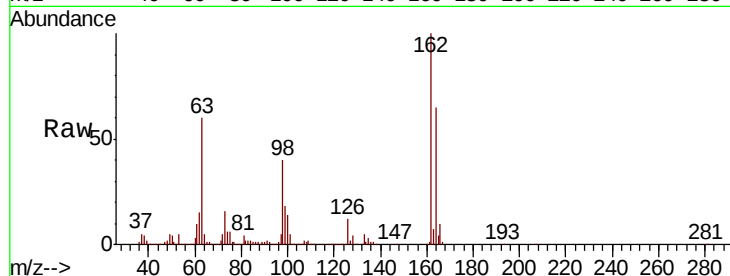




#29
 2,4-Dichlorophenol
 Concen: 42.551 ng
 RT: 10.16 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BM018785.D
 Acq: 12 Feb 2019 22:43

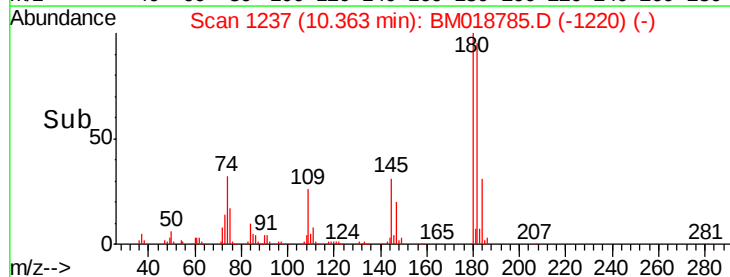
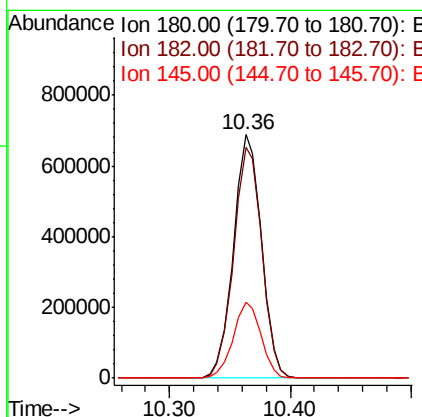
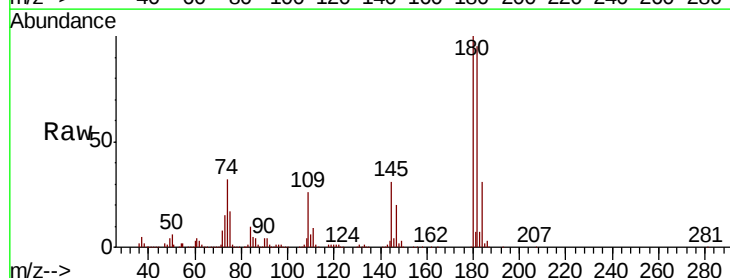
Instrument :
 BNA_M
 ClientSampleId :
 MW-2-20190208MSD

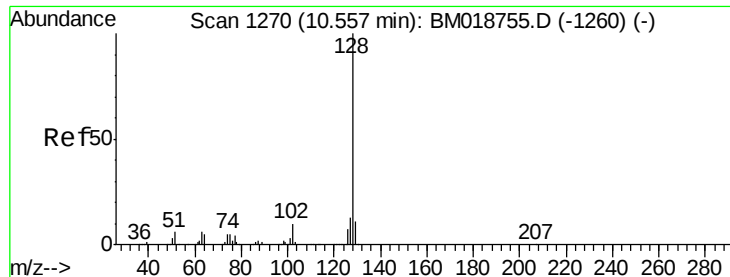
Tgt Ion:162 Resp: 1019397
 Ion Ratio Lower Upper
 162 100
 164 65.0 44.1 84.1
 98 40.1 19.4 59.4



#30
 1,2,4-Trichlorobenzene
 Concen: 40.167 ng
 RT: 10.36 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: BM018785.D
 Acq: 12 Feb 2019 22:43

Tgt Ion:180 Resp: 1111309
 Ion Ratio Lower Upper
 180 100
 182 94.7 75.0 112.6
 145 31.2 24.1 36.1

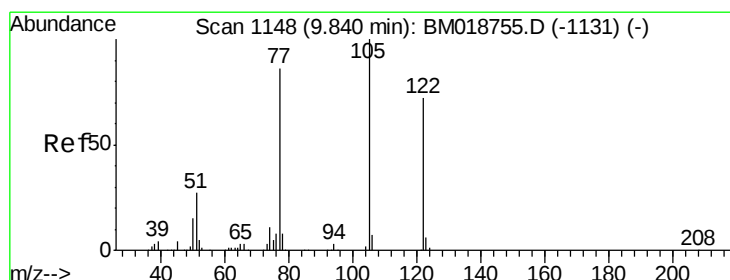
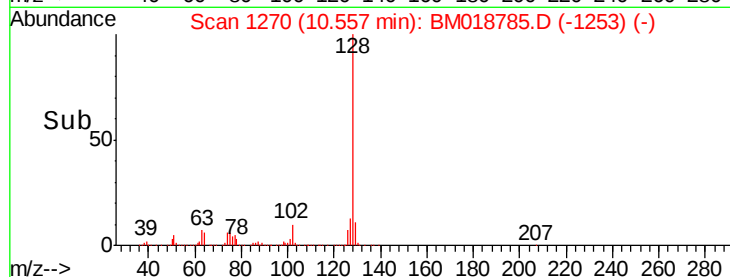
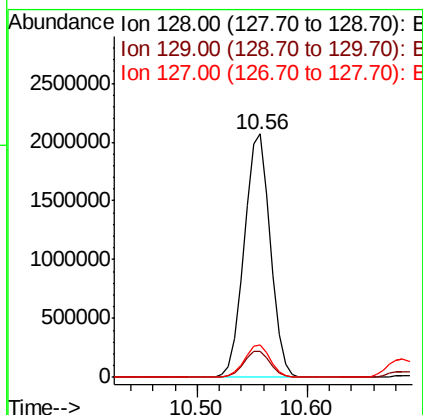
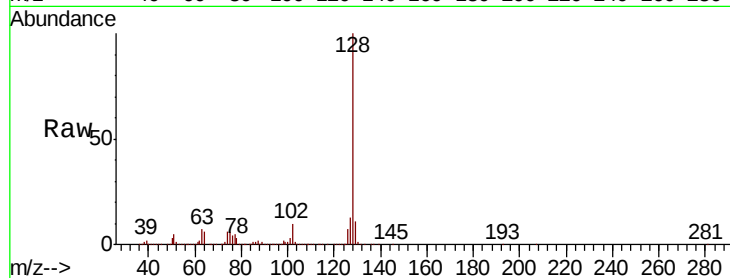




#31
Naphthalene
Concen: 44.068 ng
RT: 10.56 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BM018785.D
Acq: 12 Feb 2019 22:43

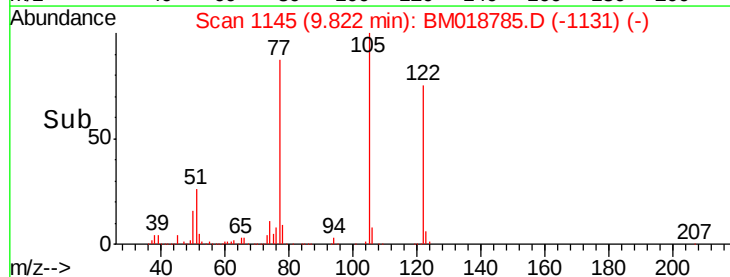
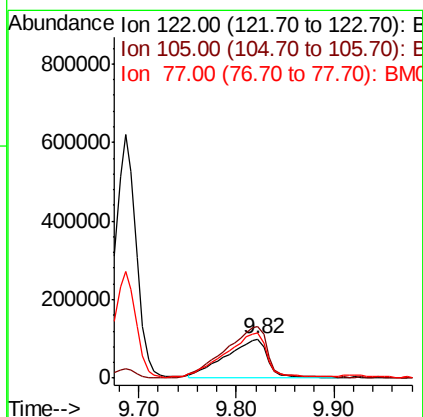
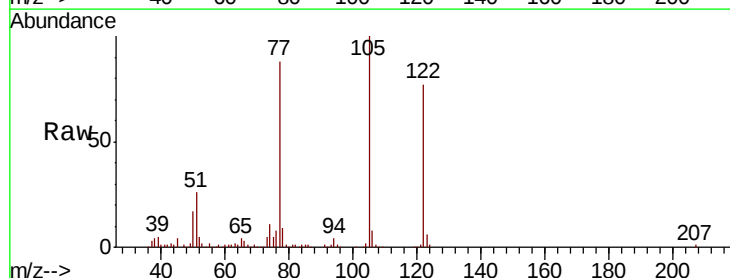
Instrument :
BNA_M
ClientSampleId :
MW-2-20190208MSD

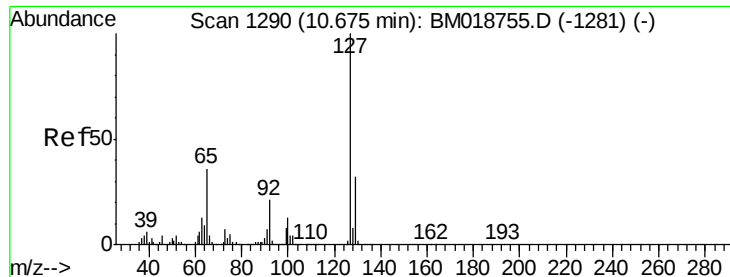
Tgt Ion:128 Resp: 3434261
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.4
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 15.646 ng
RT: 9.82 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BM018785.D
Acq: 12 Feb 2019 22:43

Tgt Ion:122 Resp: 284766
Ion Ratio Lower Upper
122 100
105 130.7 117.5 157.5
77 114.7 98.5 138.5

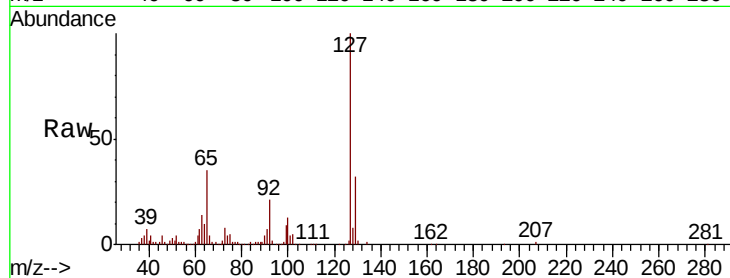




#33
4-Chloroaniline
Concen: 8.834 ng
RT: 10.69 min Scan# 1292
Delta R.T. 0.01 min
Lab File: BM018785.D
Acq: 12 Feb 2019 22:43

Instrument :
BNA_M
ClientSampleId :
MW-2-20190208MSD

Tgt Ion:	127	Resp:	307743
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.7	38.5
65	34.8	28.7	43.1
92	20.5	17.0	25.4



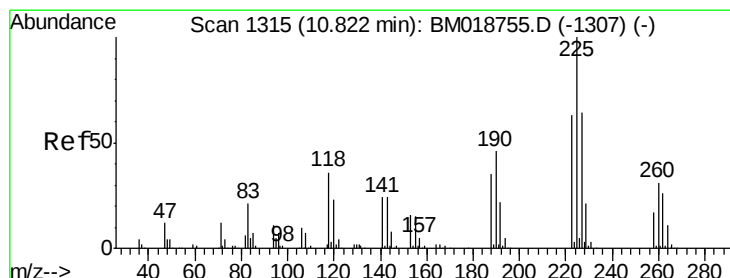
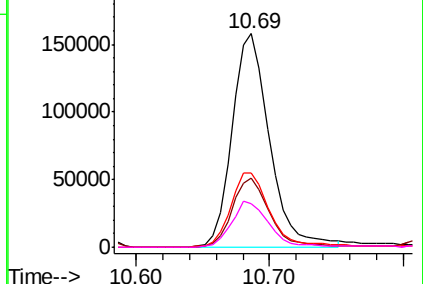
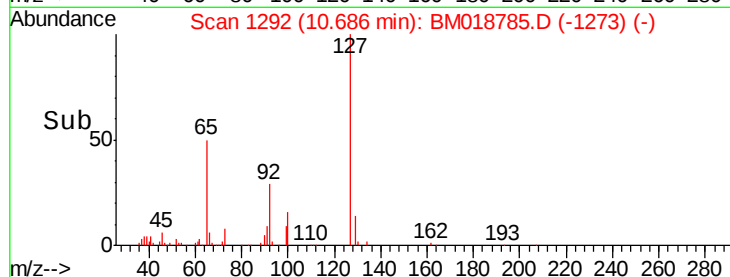
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

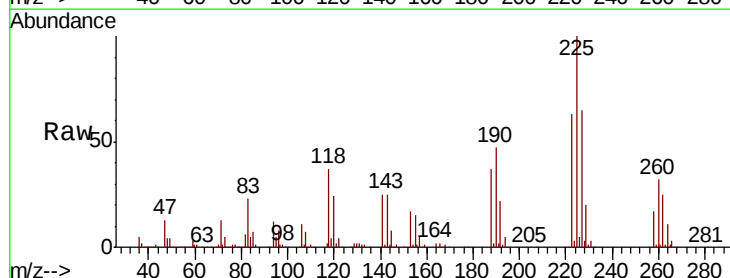
Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0



#34
Hexachlorobutadiene
Concen: 38.387 ng
RT: 10.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BM018785.D
Acq: 12 Feb 2019 22:43

Tgt Ion:	225	Resp:	616454
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.1	75.1
227	64.7	51.4	77.0

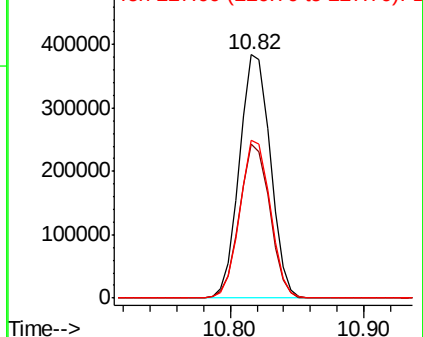
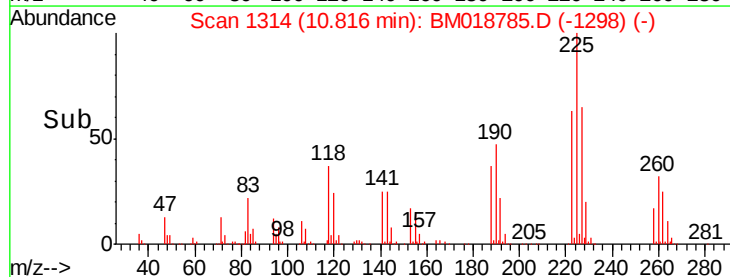


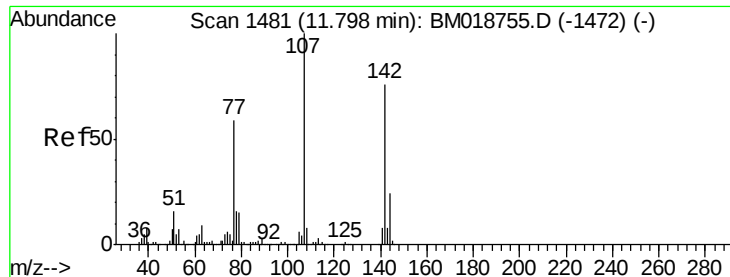
Abundance

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

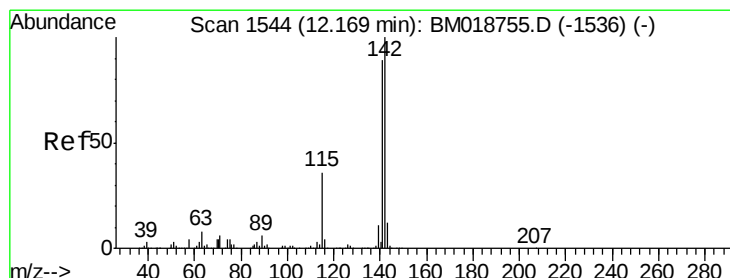
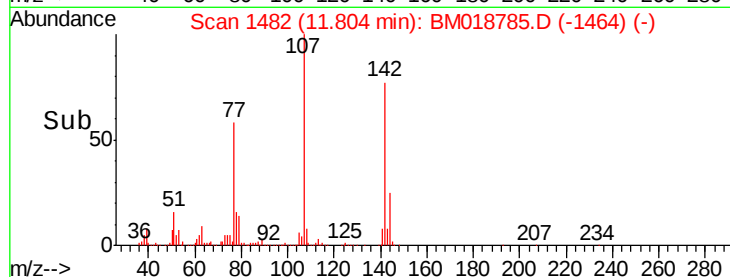
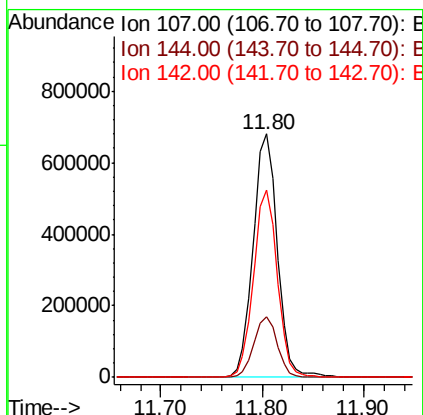
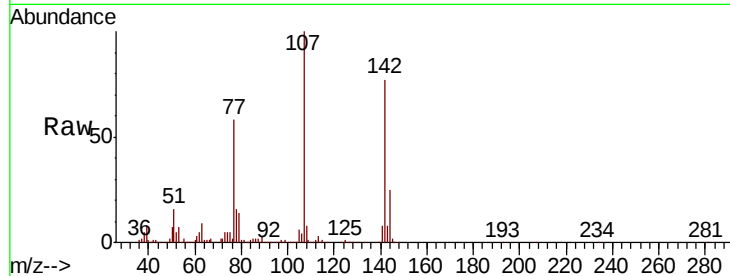




#36
 4-Chloro-3-methylphenol
 Concen: 39.408 ng
 RT: 11.80 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: BM018785.D
 Acq: 12 Feb 2019 22:43

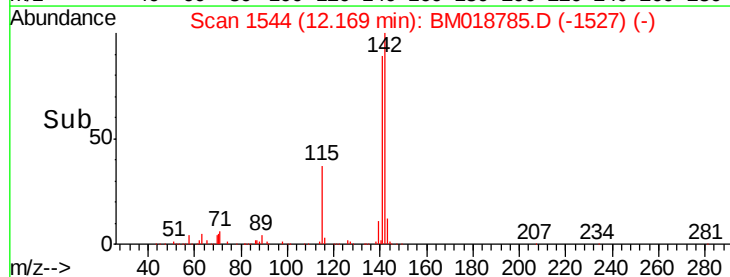
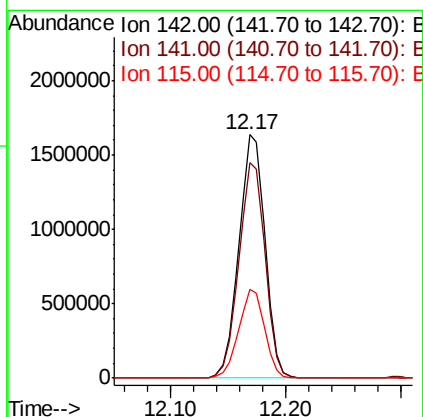
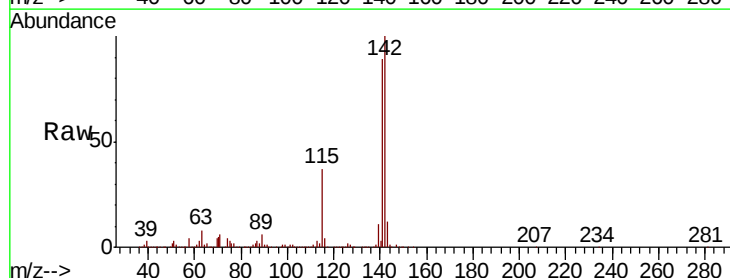
Instrument :
 BNA_M
 ClientSampleId :
 MW-2-20190208MSD

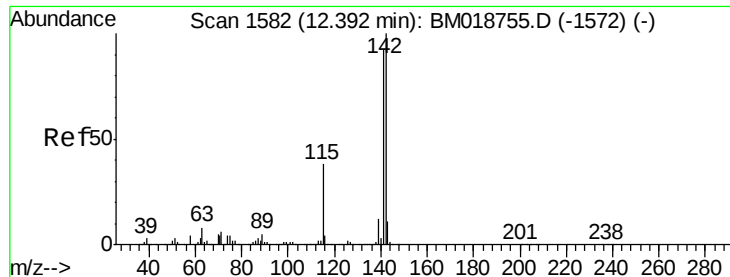
Tgt Ion:107 Resp: 1138261
 Ion Ratio Lower Upper
 107 100
 144 24.7 19.3 28.9
 142 77.2 60.5 90.7



#37
 2-Methylnaphthalene
 Concen: 46.613 ng
 RT: 12.17 min Scan# 1544
 Delta R.T. -0.00 min
 Lab File: BM018785.D
 Acq: 12 Feb 2019 22:43

Tgt Ion:142 Resp: 2557550
 Ion Ratio Lower Upper
 142 100
 141 88.7 71.2 106.8
 115 36.7 29.1 43.7

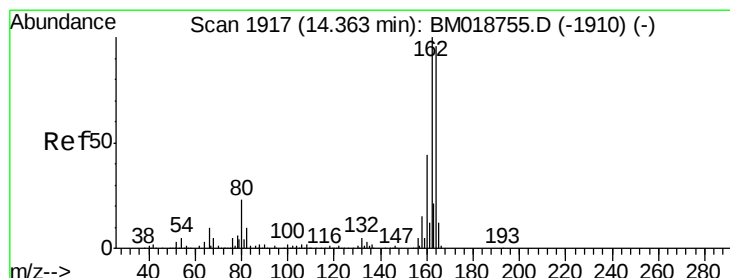
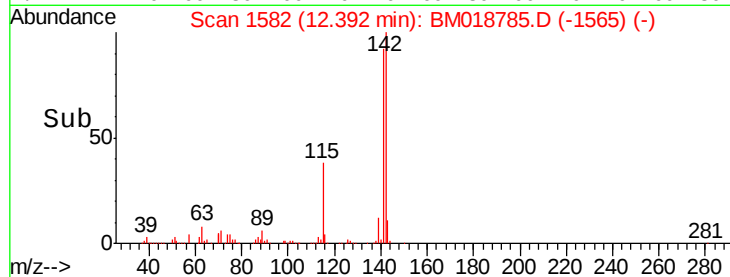
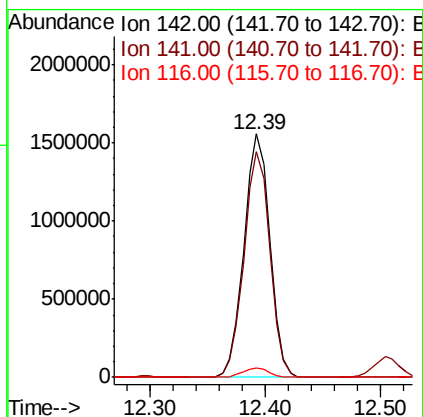
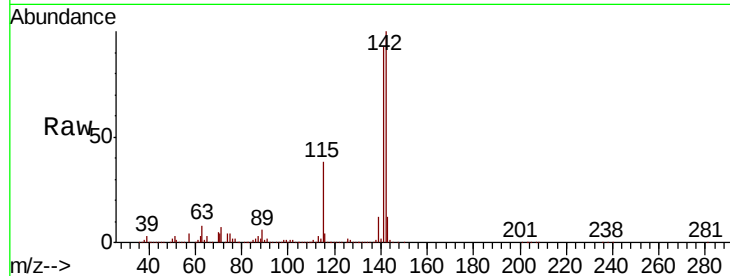




#38
1-Methylnaphthalene
Concen: 45.105 ng
RT: 12.39 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BM018785.D
Acq: 12 Feb 2019 22:43

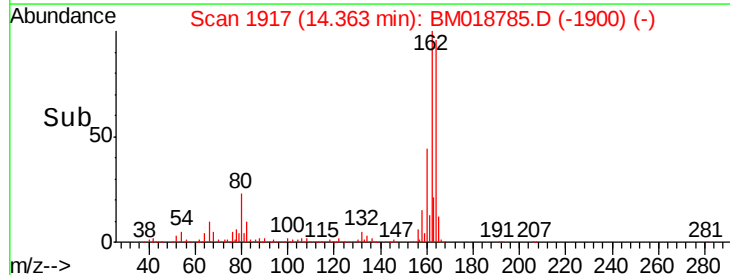
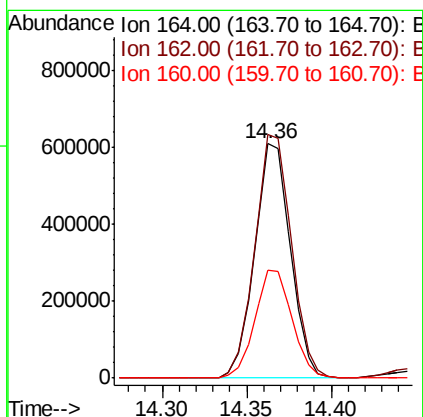
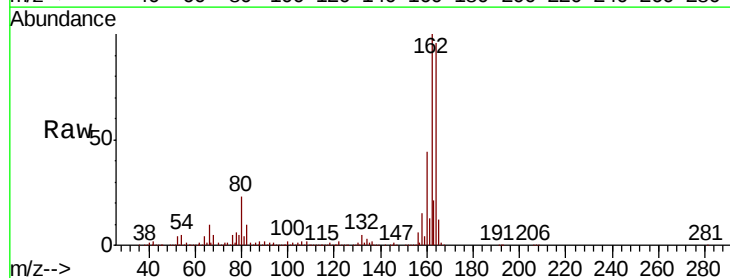
Instrument :
BNA_M
ClientSampleId :
MW-2-20190208MSD

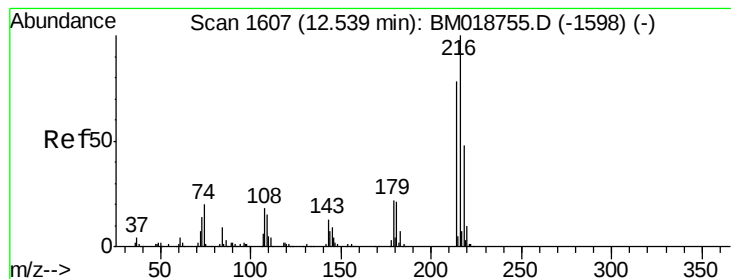
Tgt Ion:142 Resp: 2420076
Ion Ratio Lower Upper
142 100
141 92.6 73.9 110.9
116 4.0 3.0 4.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.36 min Scan# 1917
Delta R.T. -0.00 min
Lab File: BM018785.D
Acq: 12 Feb 2019 22:43

Tgt Ion:164 Resp: 897060
Ion Ratio Lower Upper
164 100
162 103.9 83.4 125.0
160 45.9 36.6 55.0





#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.720 ng

RT: 12.54 min Scan# 1607

Delta R.T. -0.00 min

Lab File: BM018785.D

Acq: 12 Feb 2019 22:43

Instrument :

BNA_M

ClientSampleId :

MW-2-20190208MSD

Tgt Ion:216 Resp: 1225902

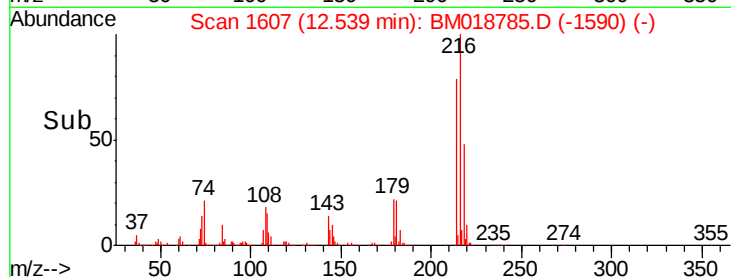
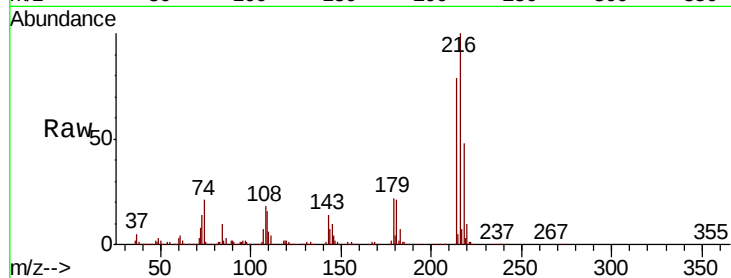
Ion Ratio Lower Upper

216 100

214 78.7 63.2 94.8

179 22.4 17.8 26.8

108 23.1 16.4 24.6



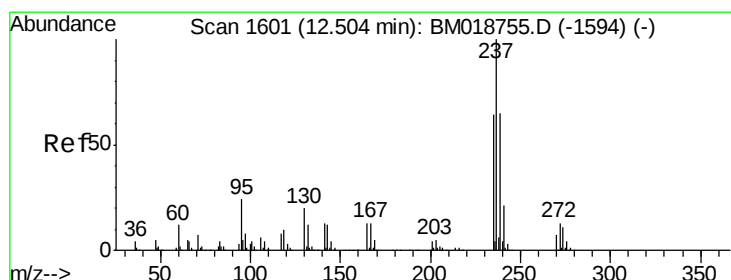
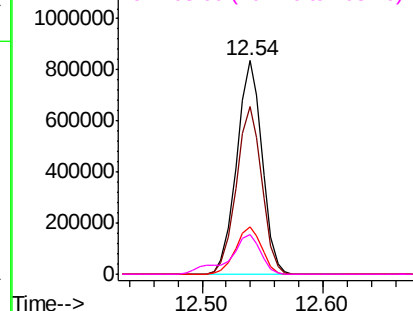
Abundance

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: 105.320 ng

RT: 12.51 min Scan# 1602

Delta R.T. 0.01 min

Lab File: BM018785.D

Acq: 12 Feb 2019 22:43

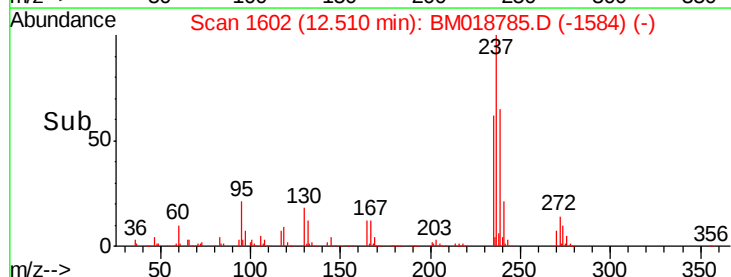
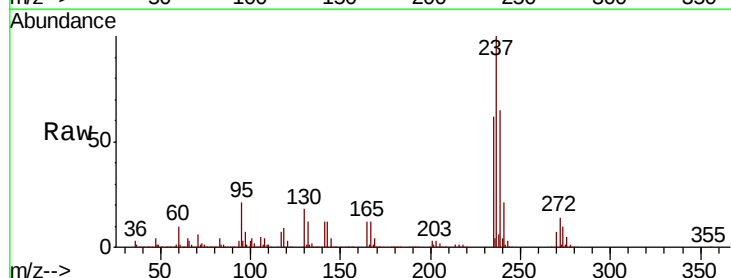
Tgt Ion:237 Resp: 1545200

Ion Ratio Lower Upper

237 100

235 61.8 43.7 83.7

272 13.5 0.0 33.3

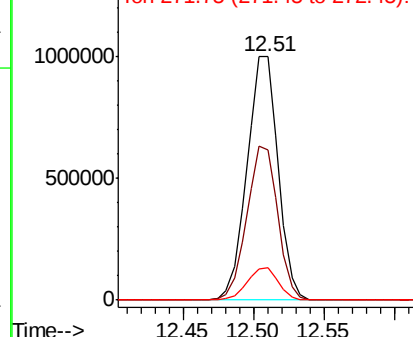


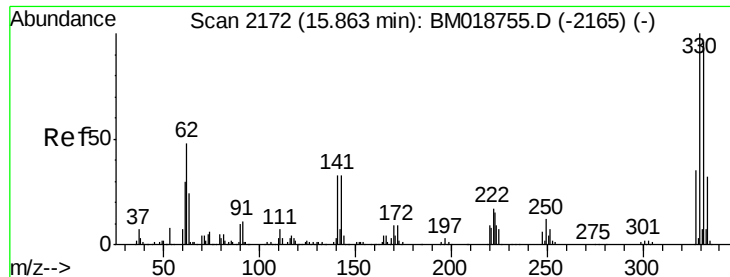
Abundance

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: 131.984 ng

RT: 15.86 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BM018785.D

Acq: 12 Feb 2019 22:43

Instrument :

BNA_M

ClientSampleId :

MW-2-20190208MSD

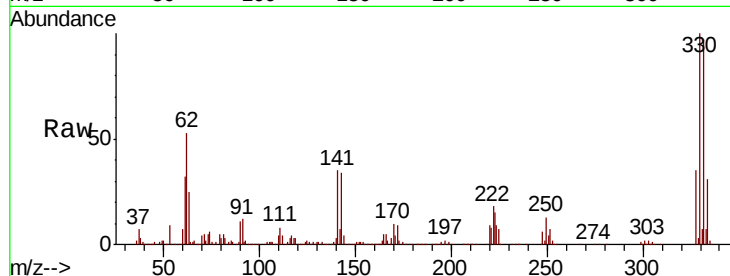
Tgt Ion:330 Resp: 1706670

Ion Ratio Lower Upper

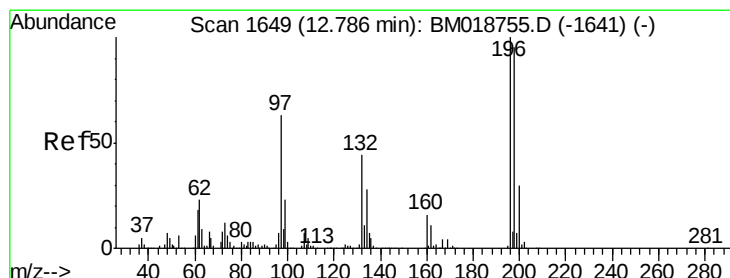
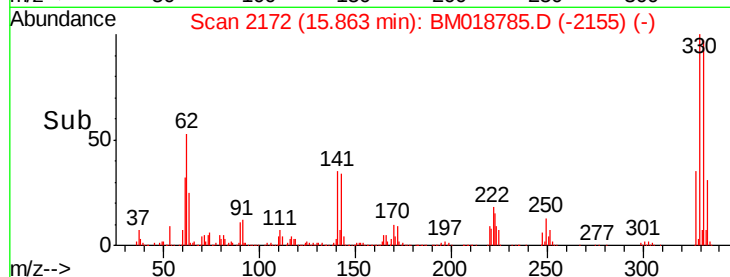
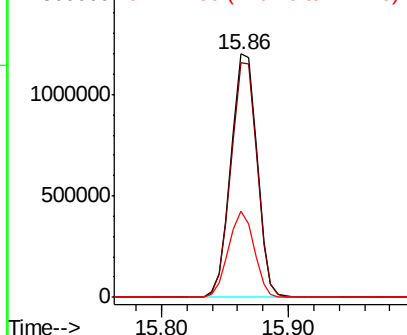
330 100

332 96.5 76.9 115.3

141 34.8 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: 44.846 ng

RT: 12.79 min Scan# 1649

Delta R.T. -0.00 min

Lab File: BM018785.D

Acq: 12 Feb 2019 22:43

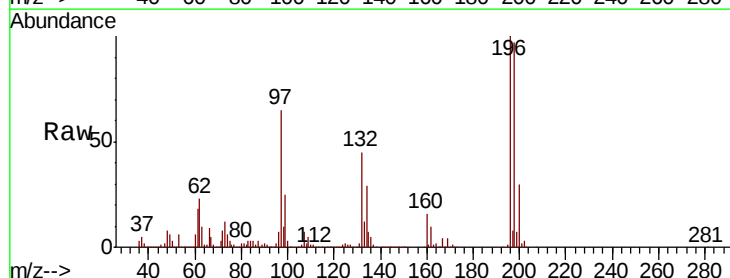
Tgt Ion:196 Resp: 851929

Ion Ratio Lower Upper

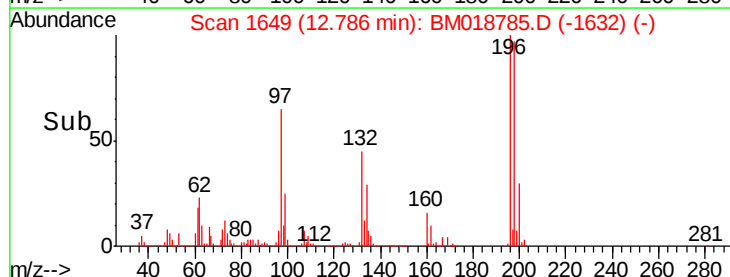
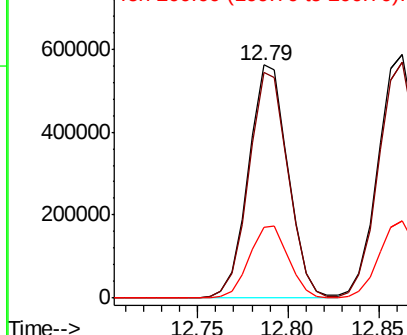
196 100

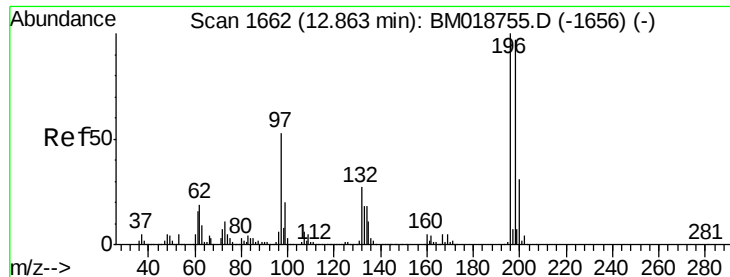
198 96.8 76.2 114.2

200 30.3 24.2 36.2



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





#44

2,4,5-Trichlorophenol

Concen: 45.868 ng

RT: 12.86 min Scan# 1662

Delta R.T. -0.00 min

Lab File: BM018785.D

Acq: 12 Feb 2019 22:43

Instrument :

BNA_M

ClientSampleId :

MW-2-20190208MSD

Tgt Ion:196 Resp: 913282

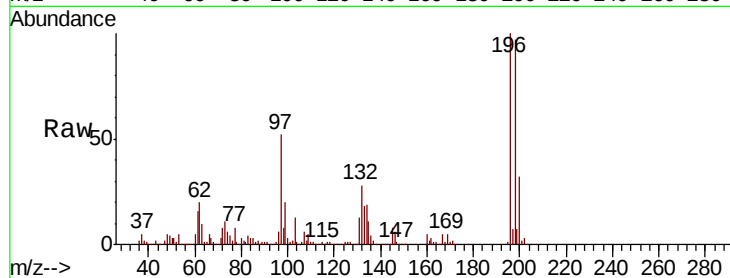
Ion Ratio Lower Upper

196 100

198 97.2 77.6 116.4

97 51.9 42.8 64.2

132 28.1 21.8 32.8

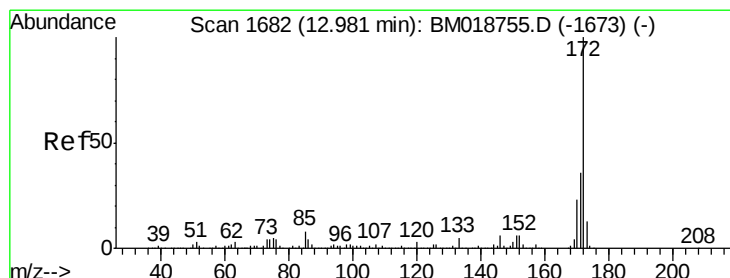
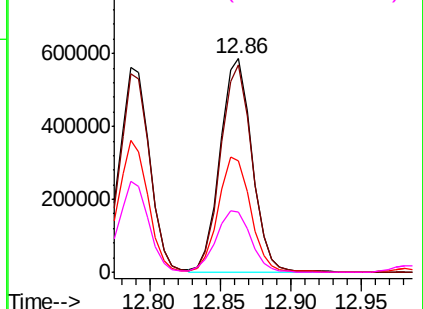
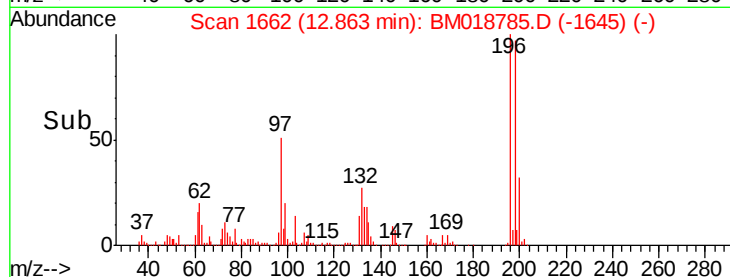


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BM

Ion 132.00 (131.70 to 132.70): E



#45

2-Fluorobiphenyl

Concen: 85.016 ng

RT: 12.98 min Scan# 1682

Delta R.T. -0.00 min

Lab File: BM018785.D

Acq: 12 Feb 2019 22:43

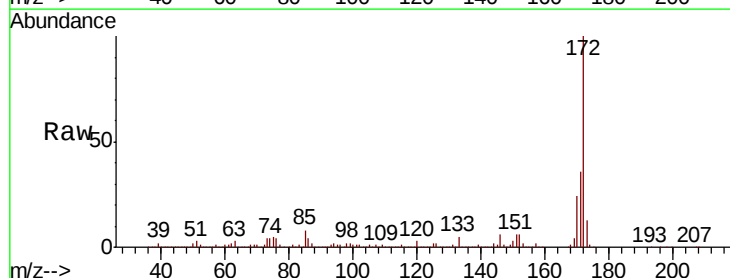
Tgt Ion:172 Resp: 5745044

Ion Ratio Lower Upper

172 100

171 36.1 29.0 43.6

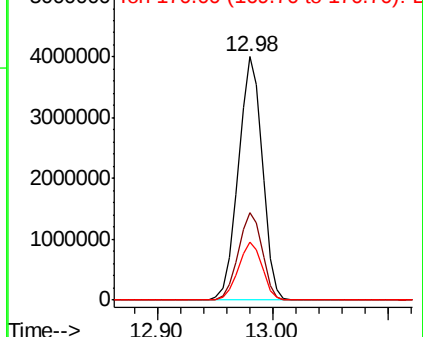
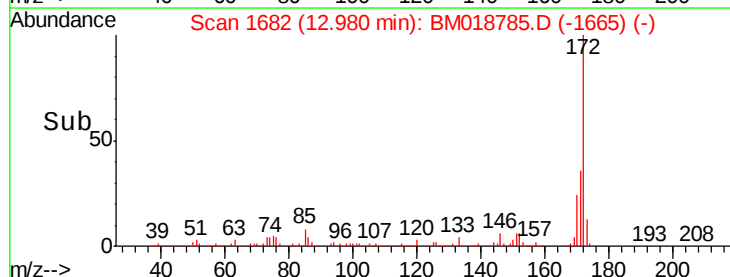
170 23.9 18.6 28.0

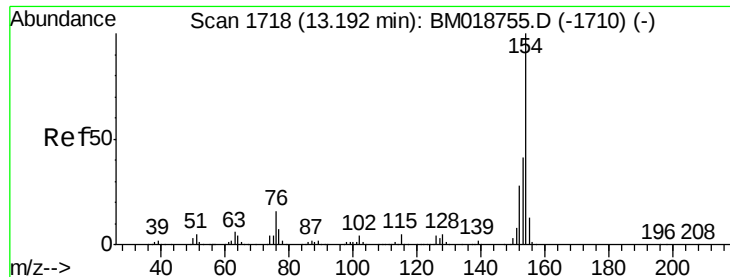


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

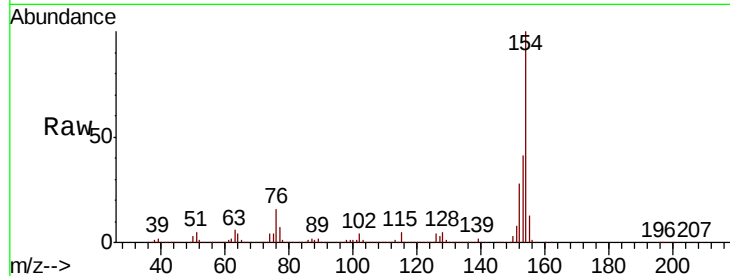




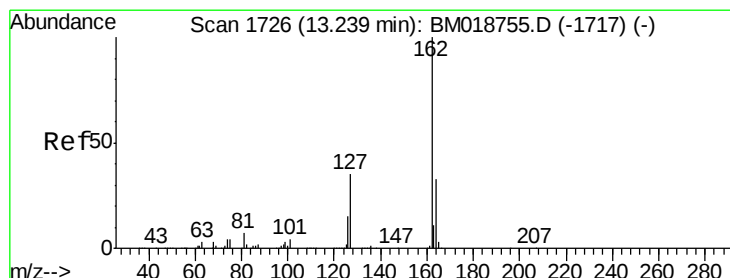
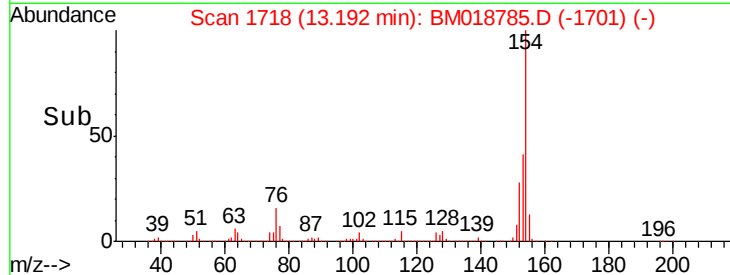
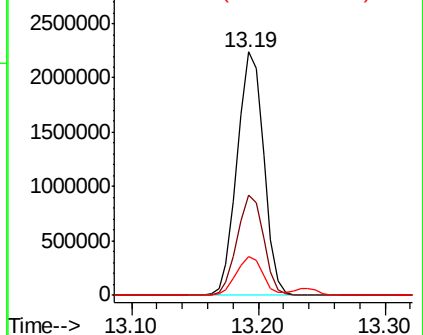
#46
 1,1'-Biphenyl
 Concen: 42.027 ng
 RT: 13.19 min Scan# 1718
 Delta R.T. -0.00 min
 Lab File: BM018785.D
 Acq: 12 Feb 2019 22:43

Instrument :
 BNA_M
 ClientSampleId :
 MW-2-20190208MSD

Tgt Ion:154 Resp: 3245174
 Ion Ratio Lower Upper
 154 100
 153 41.3 21.1 61.1
 76 15.9 0.0 35.7

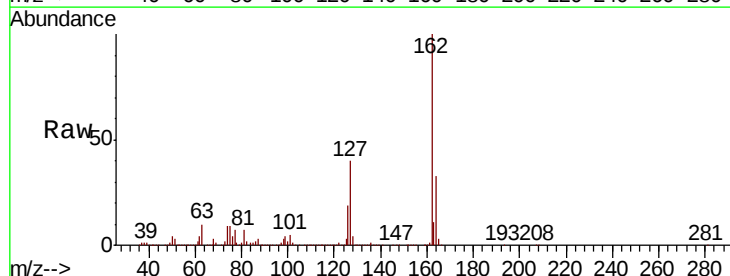


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM

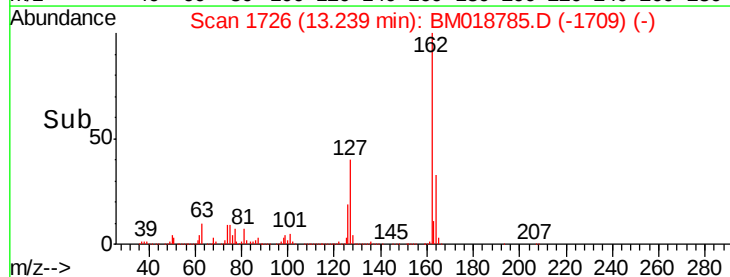
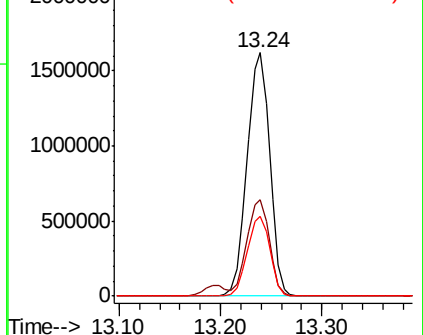


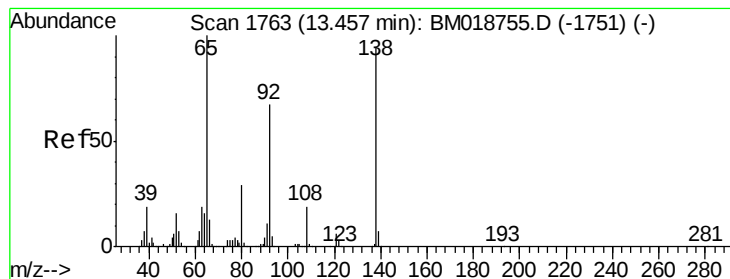
#47
 2-Chloronaphthalene
 Concen: 42.186 ng
 RT: 13.24 min Scan# 1726
 Delta R.T. -0.00 min
 Lab File: BM018785.D
 Acq: 12 Feb 2019 22:43

Tgt Ion:162 Resp: 2516031
 Ion Ratio Lower Upper
 162 100
 127 39.6 31.1 46.7
 164 33.0 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: 44.917 ng

RT: 13.46 min Scan# 1764

Delta R.T. 0.01 min

Lab File: BM018785.D

Acq: 12 Feb 2019 22:43

Instrument :

BNA_M

ClientSampleId :

MW-2-20190208MSD

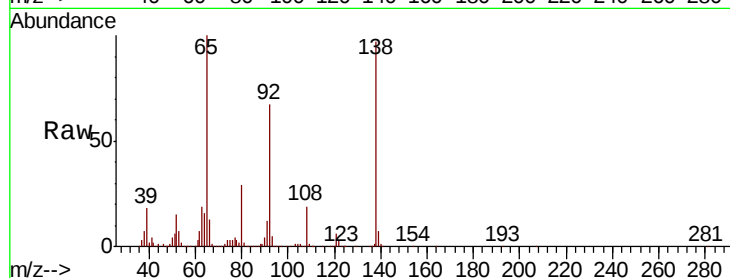
Tgt Ion: 65 Resp: 889723

Ion Ratio Lower Upper

65 100

92 67.2 54.0 81.0

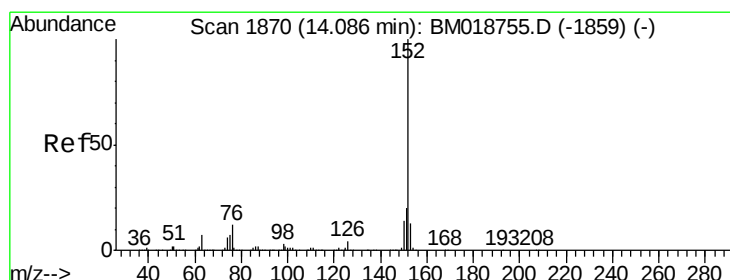
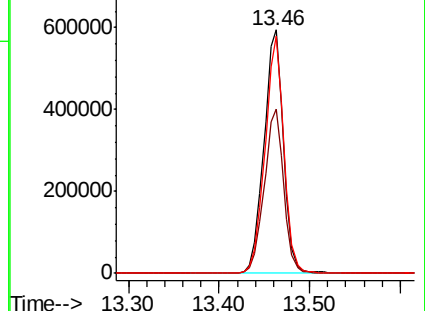
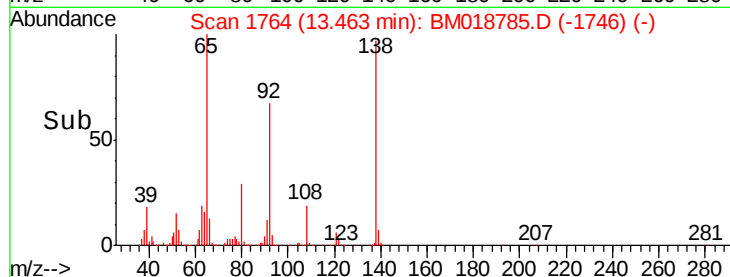
138 97.4 74.9 112.3



Abundance Ion 65.00 (64.70 to 65.70): BM018785.D (-1751) (-)

Ion 92.00 (91.70 to 92.70): BM018785.D (-1751) (-)

Ion 138.00 (137.70 to 138.70): BM018785.D (-1751) (-)



#49

Acenaphthylene

Concen: 45.972 ng

RT: 14.09 min Scan# 1870

Delta R.T. -0.00 min

Lab File: BM018785.D

Acq: 12 Feb 2019 22:43

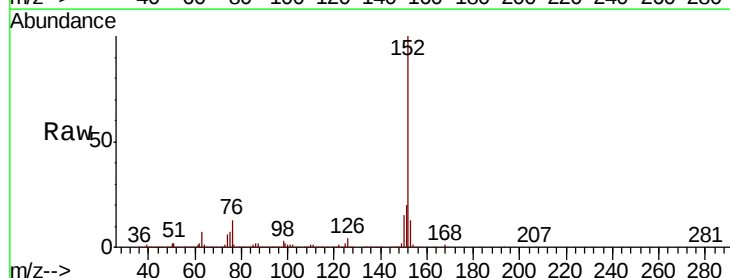
Tgt Ion: 152 Resp: 4082617

Ion Ratio Lower Upper

152 100

151 20.1 15.8 23.8

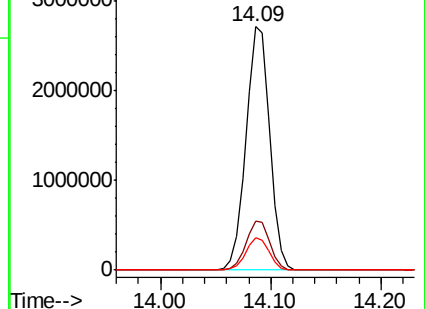
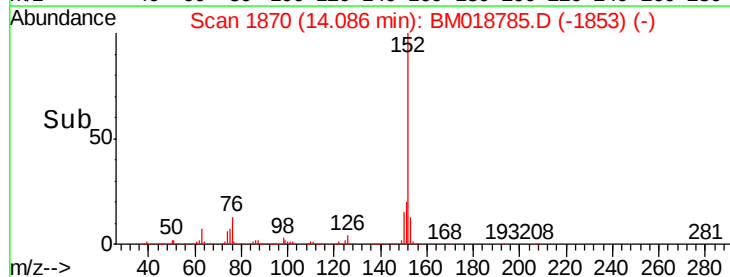
153 13.4 10.5 15.7

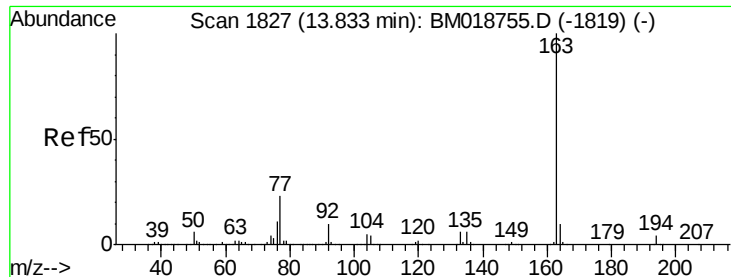


Abundance Ion 152.00 (151.70 to 152.70): BM018785.D (-1853) (-)

Ion 151.00 (150.70 to 151.70): BM018785.D (-1853) (-)

Ion 153.00 (152.70 to 153.70): BM018785.D (-1853) (-)





#50

Dimethylphthalate

Concen: 45.496 ng

RT: 13.83 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BM018785.D

Acq: 12 Feb 2019 22:43

Instrument :

BNA_M

ClientSampleId :

MW-2-20190208MSD

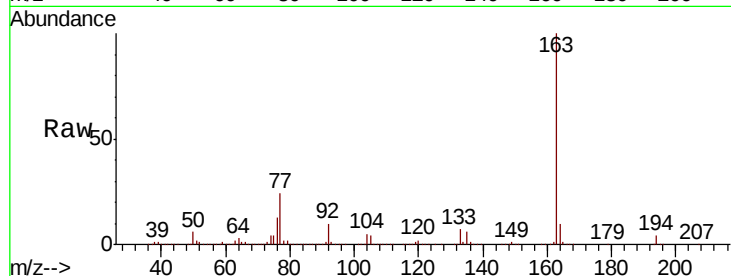
Tgt Ion:163 Resp: 3401301

Ion Ratio Lower Upper

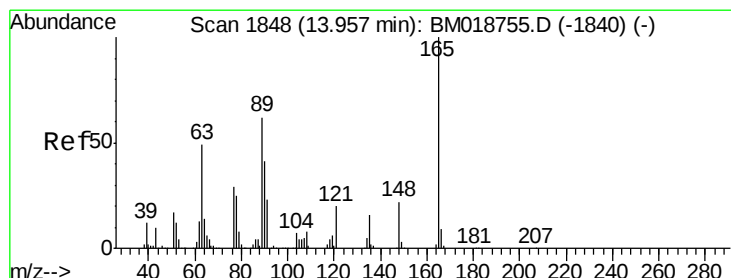
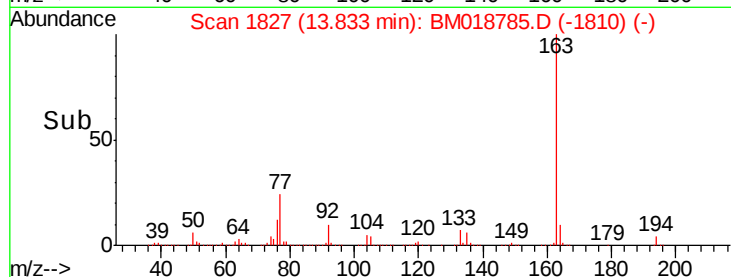
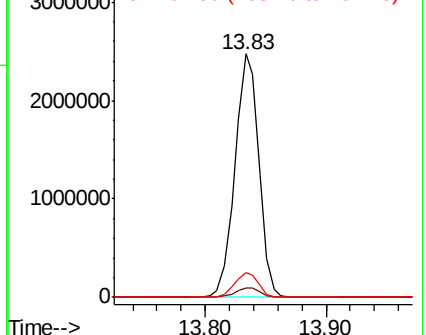
163 100

194 4.0 3.2 4.8

164 10.2 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 44.393 ng

RT: 13.96 min Scan# 1849

Delta R.T. 0.01 min

Lab File: BM018785.D

Acq: 12 Feb 2019 22:43

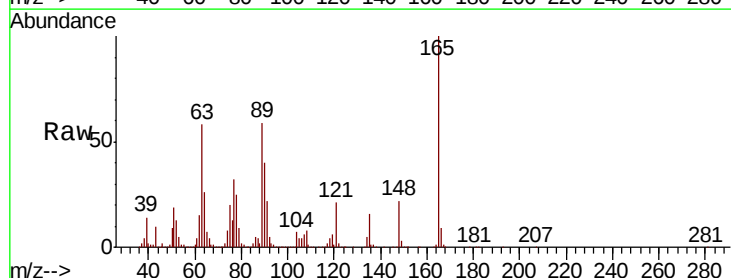
Tgt Ion:165 Resp: 718941

Ion Ratio Lower Upper

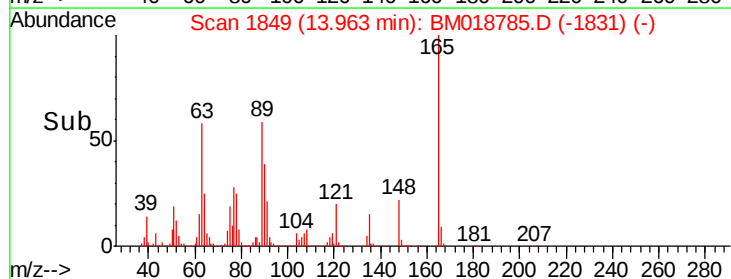
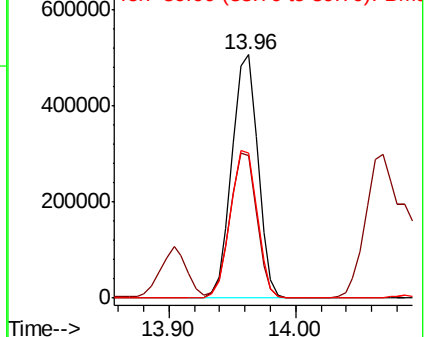
165 100

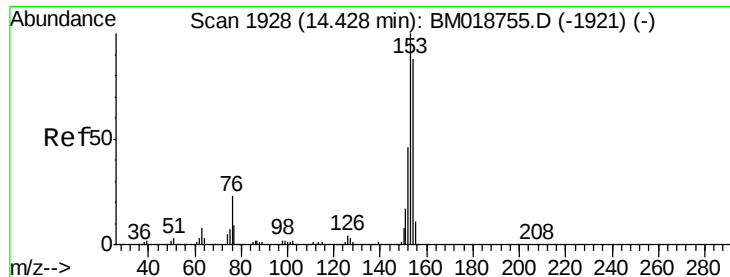
63 58.4 48.9 73.3

89 59.3 49.4 74.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 89.00 (88.70 to 89.70): BM0





#52

Acenaphthene

Concen: 43.684 ng

RT: 14.43 min Scan# 1929

Delta R.T. 0.01 min

Lab File: BM018785.D

Acq: 12 Feb 2019 22:43

Instrument :

BNA_M

ClientSampleId :

MW-2-20190208MSD

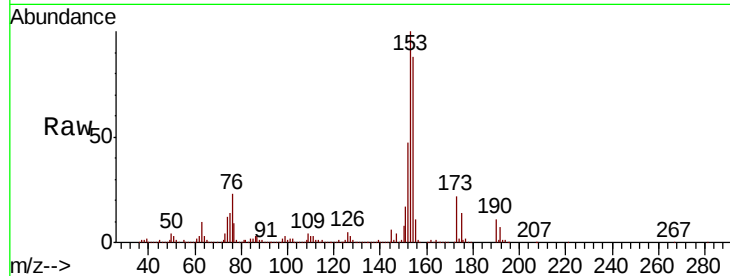
Tgt Ion:154 Resp: 2378770

Ion Ratio Lower Upper

154 100

153 113.6 91.3 136.9

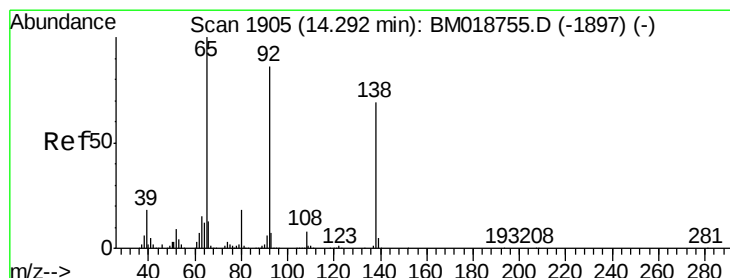
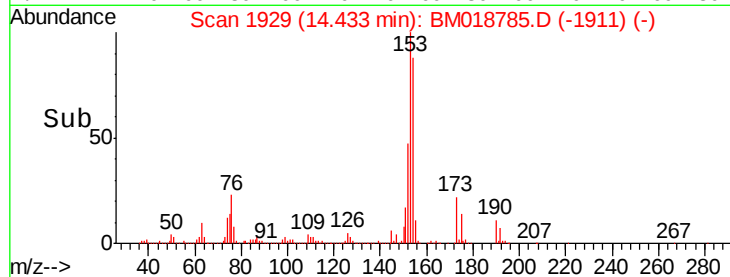
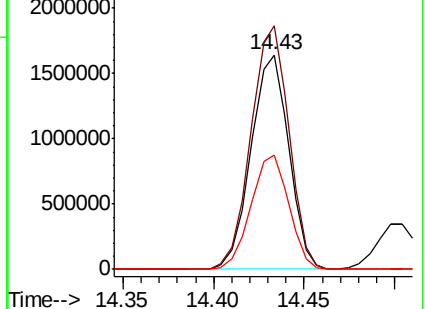
152 53.6 42.2 63.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 26.714 ng

RT: 14.30 min Scan# 1906

Delta R.T. 0.01 min

Lab File: BM018785.D

Acq: 12 Feb 2019 22:43

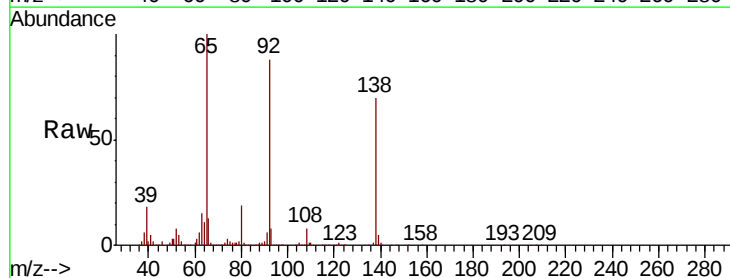
Tgt Ion:138 Resp: 488819

Ion Ratio Lower Upper

138 100

108 11.2 9.1 13.7

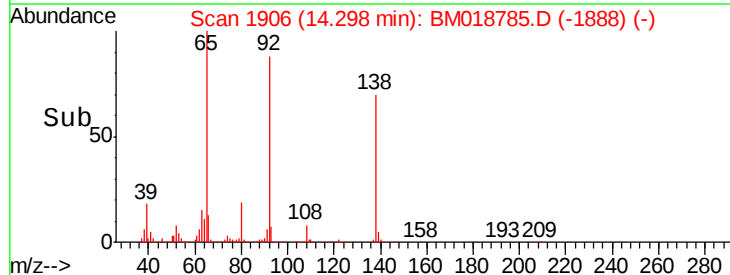
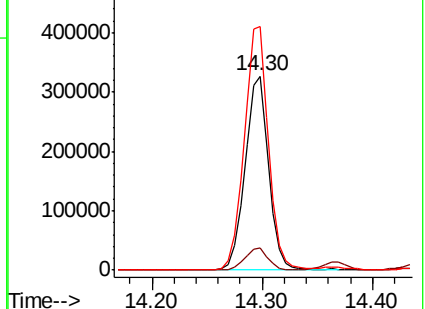
92 125.5 99.7 149.5

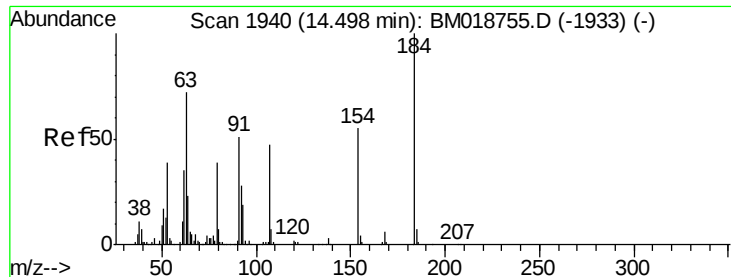


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E

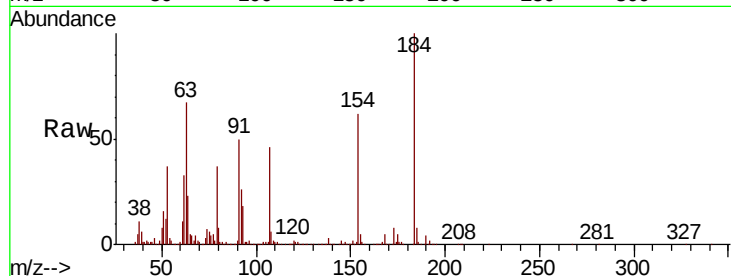




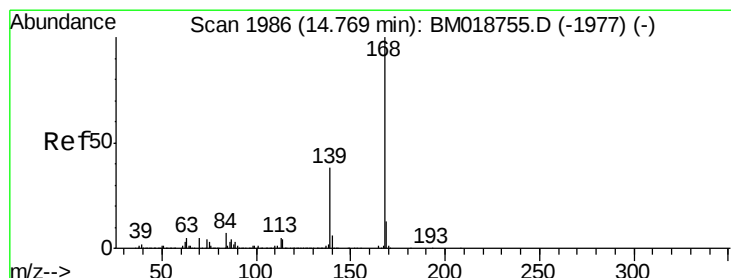
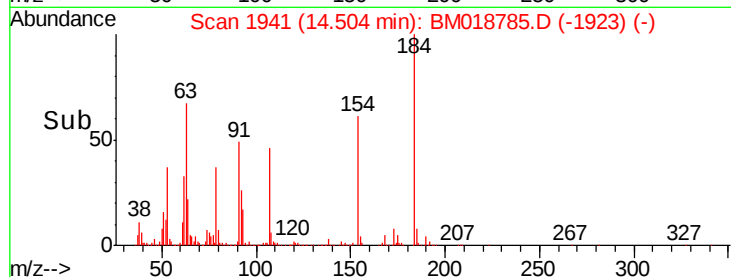
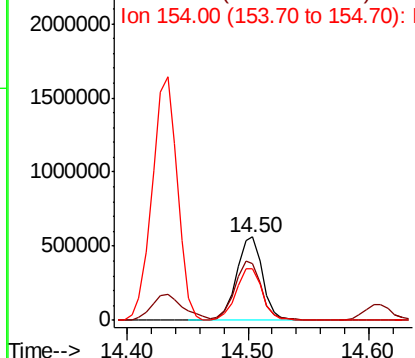
#54
2,4-Dinitrophenol
Concen: 82.026 ng
RT: 14.50 min Scan# 1941
Delta R.T. 0.01 min
Lab File: BM018785.D
Acq: 12 Feb 2019 22:43

Instrument :
BNA_M
ClientSampleId :
MW-2-20190208MSD

Tgt Ion:184 Resp: 844522
Ion Ratio Lower Upper
184 100
63 67.5 58.0 87.0
154 62.2 50.3 75.5

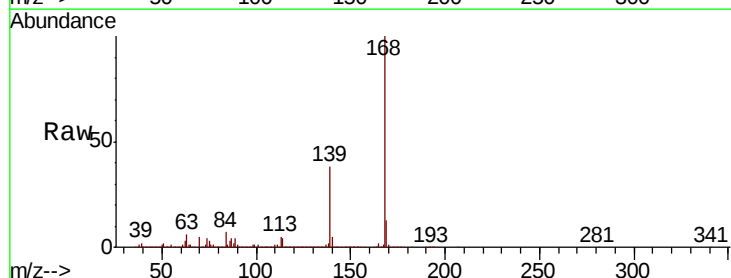


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 154.00 (153.70 to 154.70): E

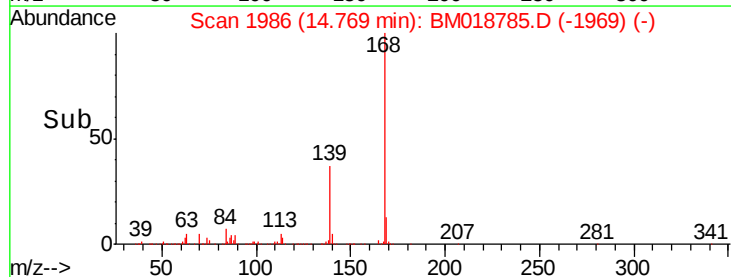
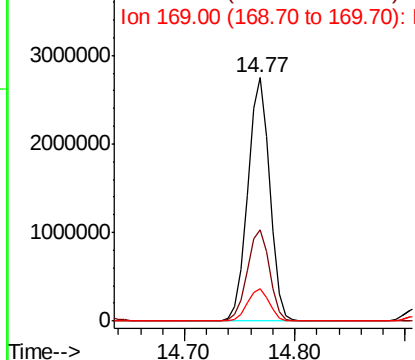


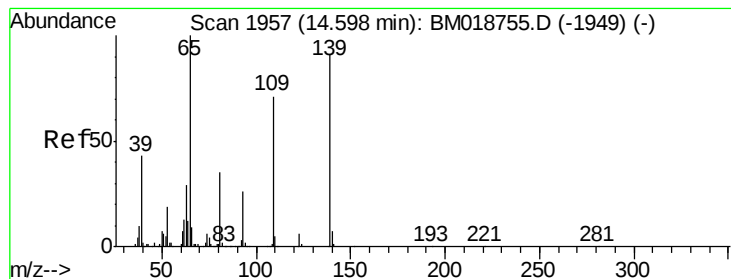
#55
Dibenzofuran
Concen: 42.898 ng
RT: 14.77 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BM018785.D
Acq: 12 Feb 2019 22:43

Tgt Ion:168 Resp: 3839497
Ion Ratio Lower Upper
168 100
139 37.6 30.7 46.1
169 13.2 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: 36.888 ng

RT: 14.61 min Scan# 1959

Delta R.T. 0.01 min

Lab File: BM018785.D

Acq: 12 Feb 2019 22:43

Instrument :

BNA_M

ClientSampleId :

MW-2-20190208MSD

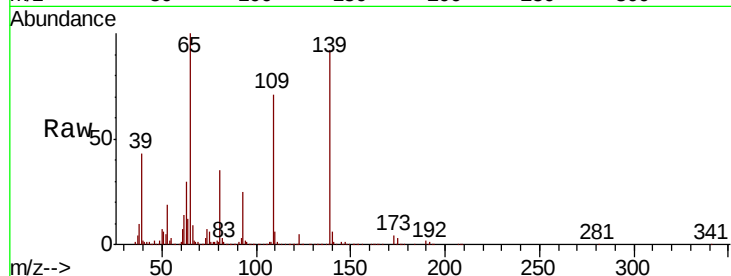
Tgt Ion:139 Resp: 538835

Ion Ratio Lower Upper

139 100

109 77.4 58.4 98.4

65 109.1 89.8 129.8

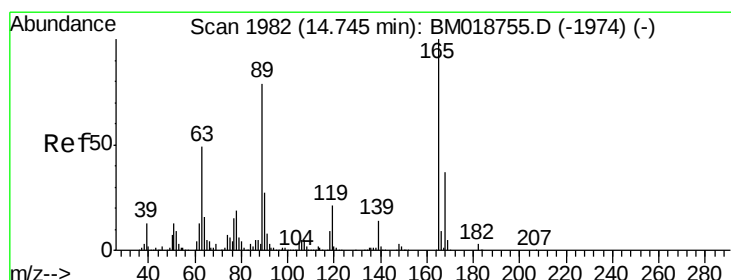
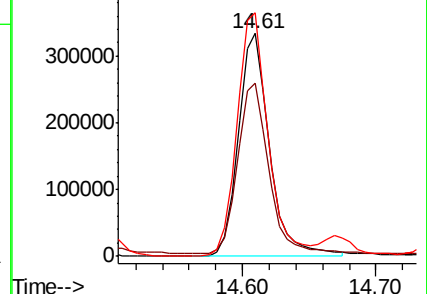
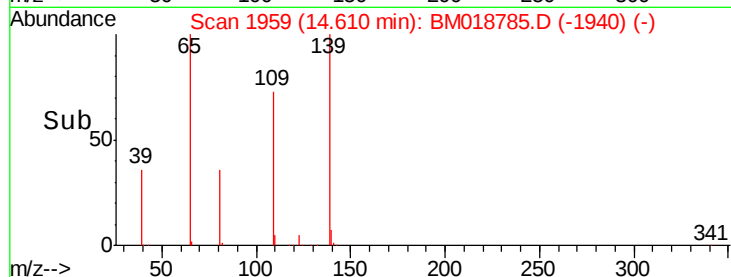


Abundance

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): BM



#57

2,4-Dinitrotoluene

Concen: 45.182 ng

RT: 14.75 min Scan# 1983

Delta R.T. 0.01 min

Lab File: BM018785.D

Acq: 12 Feb 2019 22:43

Tgt Ion:165 Resp: 1008164

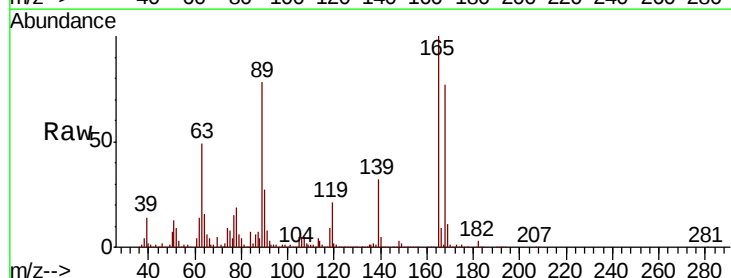
Ion Ratio Lower Upper

165 100

63 49.1 39.6 59.4

89 78.4 63.5 95.3

182 2.9 2.2 3.4



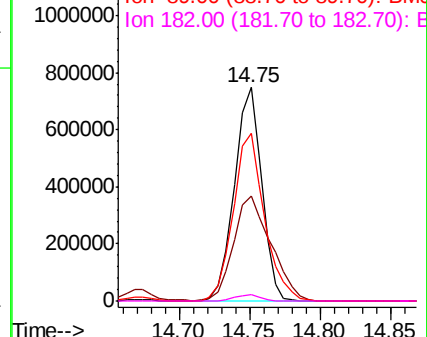
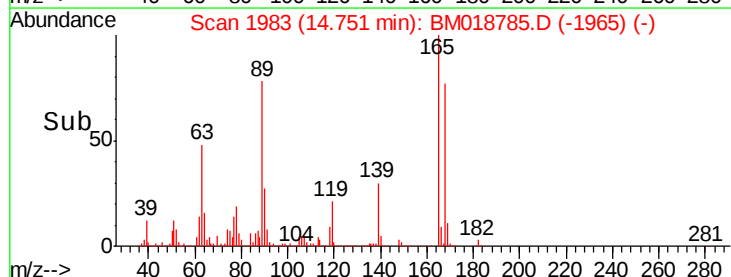
Abundance

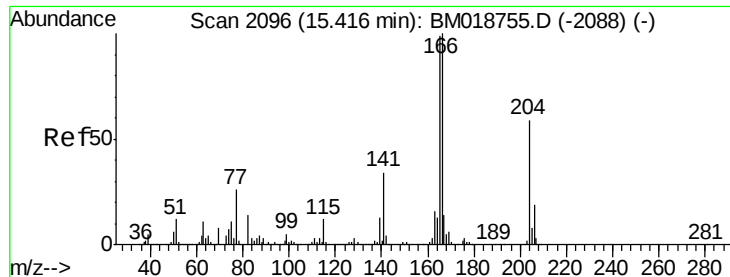
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 45.588 ng

RT: 15.42 min Scan# 2096

Delta R.T. -0.00 min

Lab File: BM018785.D

Acq: 12 Feb 2019 22:43

Instrument :

BNA_M

ClientSampleId :

MW-2-20190208MSD

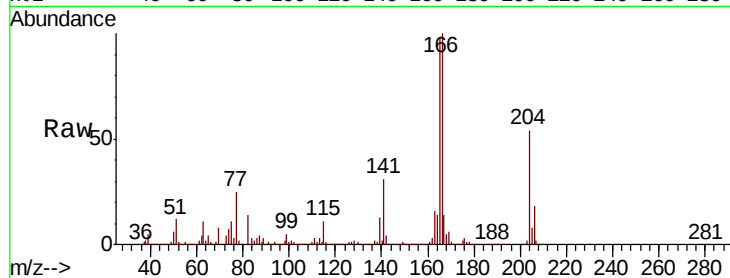
Tgt Ion:166 Resp: 3121569

Ion Ratio Lower Upper

166 100

165 97.8 79.1 118.7

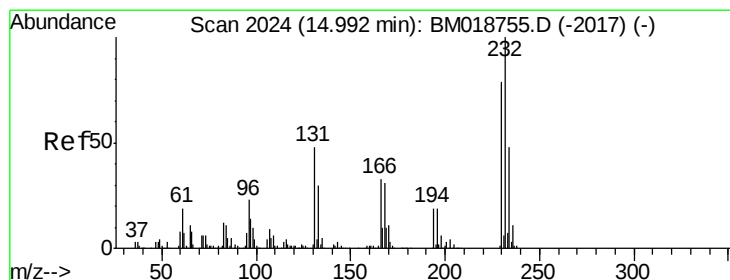
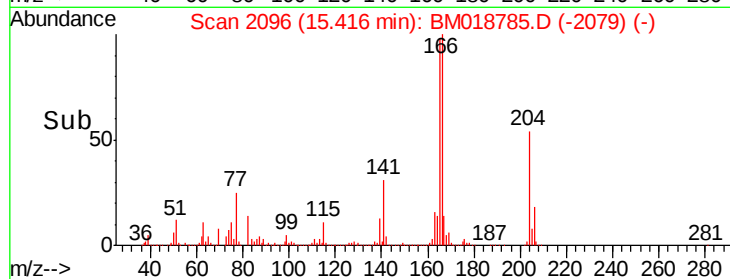
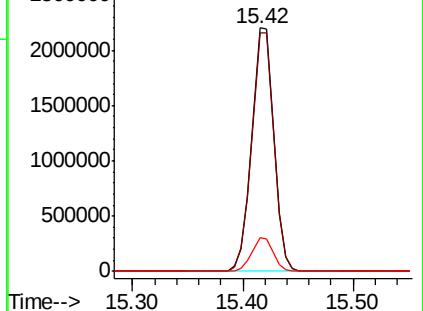
167 13.8 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 46.310 ng

RT: 14.99 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BM018785.D

Acq: 12 Feb 2019 22:43

Tgt Ion:232 Resp: 815039

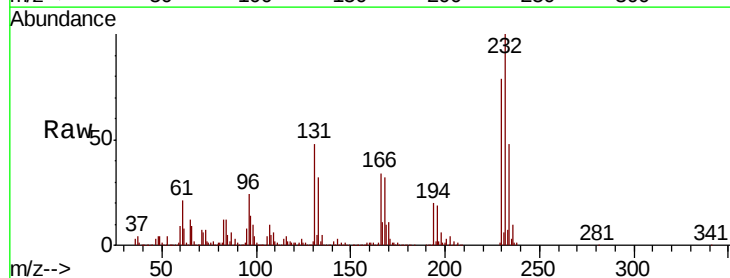
Ion Ratio Lower Upper

232 100

131 48.5 38.6 57.8

130 2.7 2.0 3.0

166 33.6 26.9 40.3

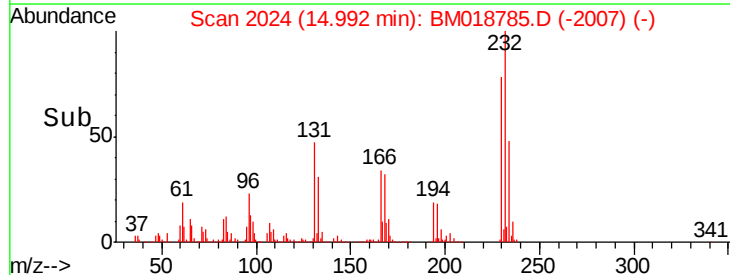
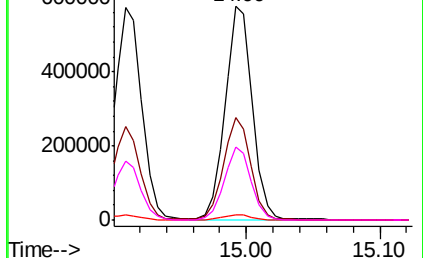


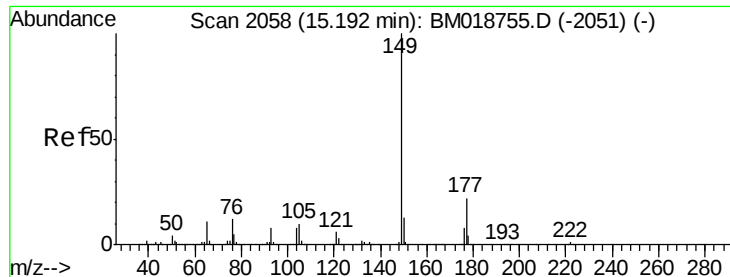
Abundance Ion 232.00 (231.70 to 232.70): E

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

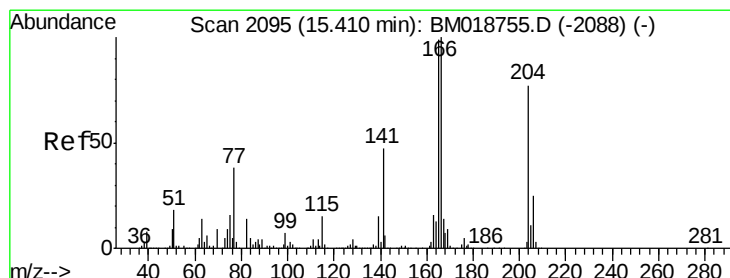
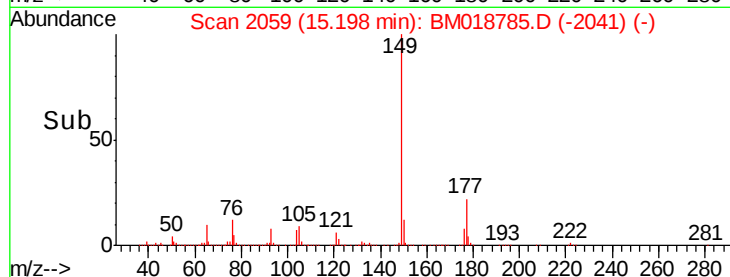
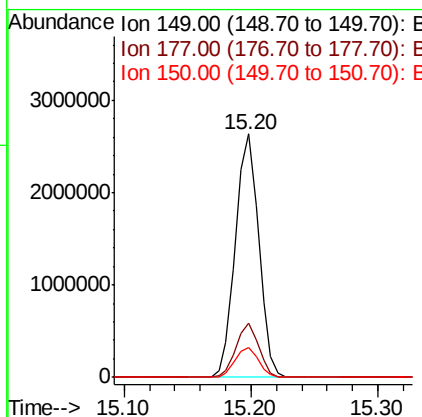
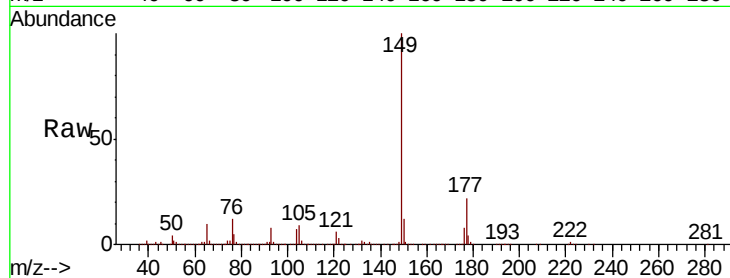




#60
Diethylphthalate
Concen: 43.237 ng
RT: 15.20 min Scan# 2059
Delta R.T. 0.01 min
Lab File: BM018785.D
Acq: 12 Feb 2019 22:43

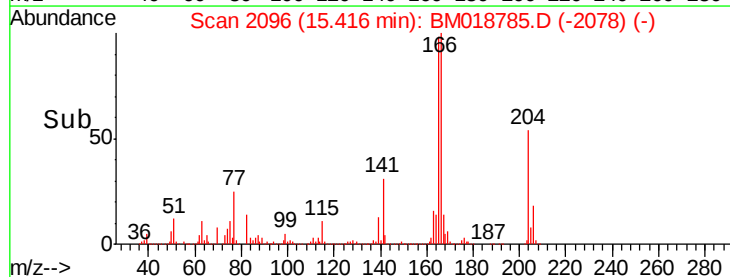
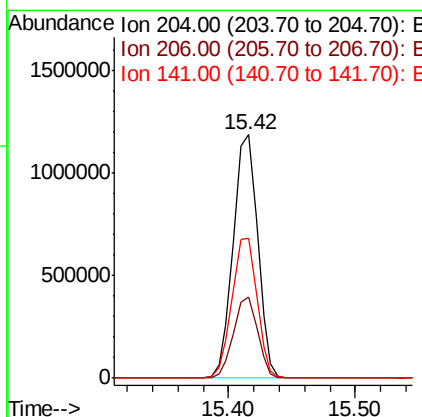
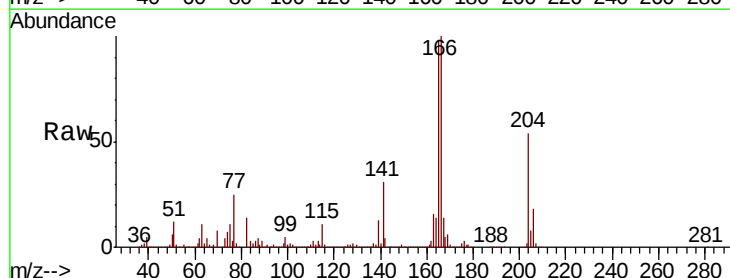
Instrument :
BNA_M
ClientSampleId :
MW-2-20190208MSD

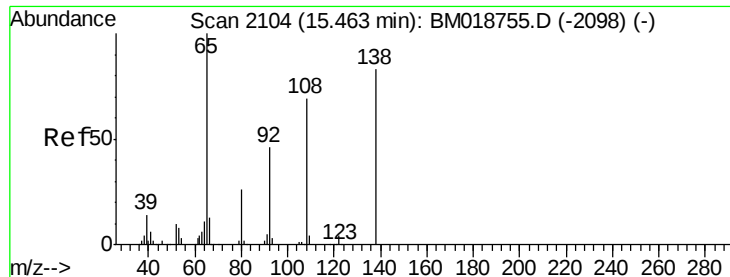
Tgt Ion:149 Resp: 3334390
Ion Ratio Lower Upper
149 100
177 22.1 17.2 25.8
150 12.4 10.2 15.2



#61
4-Chlorophenyl-phenylether
Concen: 41.320 ng
RT: 15.42 min Scan# 2096
Delta R.T. 0.01 min
Lab File: BM018785.D
Acq: 12 Feb 2019 22:43

Tgt Ion:204 Resp: 1586349
Ion Ratio Lower Upper
204 100
206 33.4 26.2 39.2
141 57.6 49.2 73.8





#62

4-Nitroaniline

Concen: 36.961 ng

RT: 15.46 min Scan# 2104

Delta R.T. -0.00 min

Lab File: BM018785.D

Acq: 12 Feb 2019 22:43

Instrument :

BNA_M

ClientSampleId :

MW-2-20190208MSD

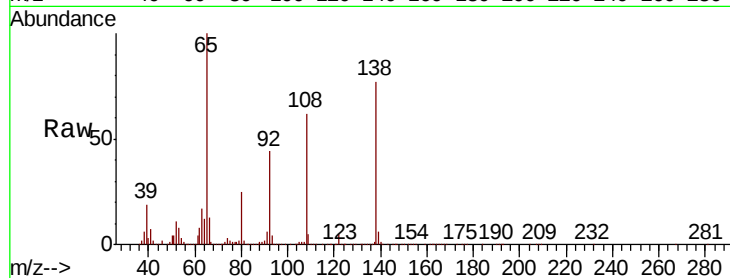
Tgt Ion:138 Resp: 663044

Ion Ratio Lower Upper

138 100

92 57.5 35.5 75.5

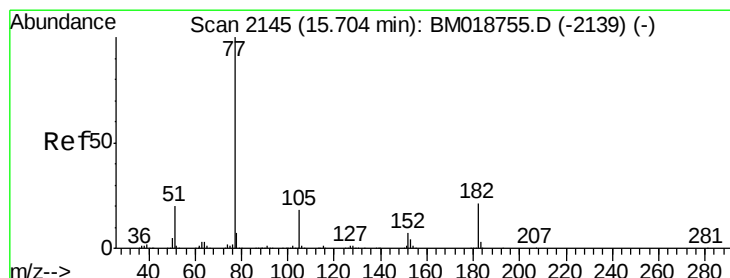
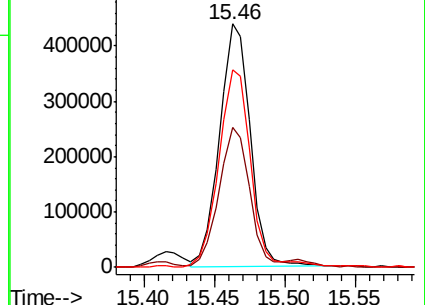
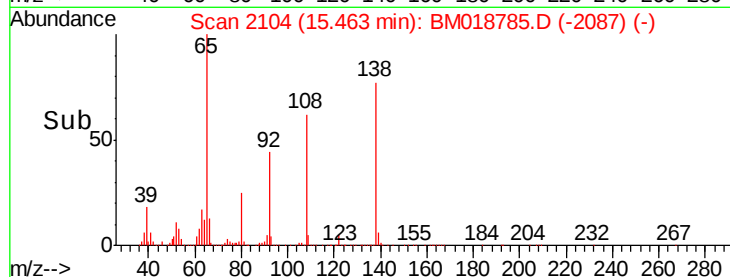
108 81.0 62.4 102.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 42.990 ng

RT: 15.71 min Scan# 2146

Delta R.T. 0.01 min

Lab File: BM018785.D

Acq: 12 Feb 2019 22:43

Tgt Ion: 77 Resp: 3554774

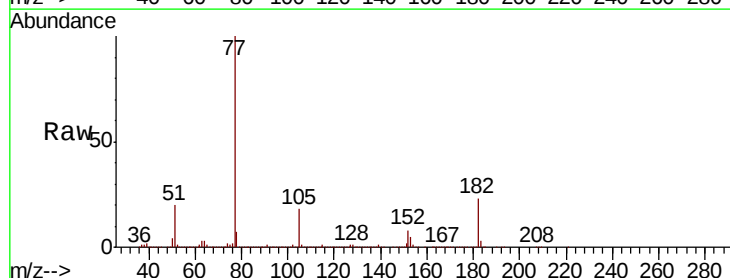
Ion Ratio Lower Upper

77 100

182 22.6 1.0 41.0

105 18.4 0.0 37.7

51 20.0 0.3 40.3

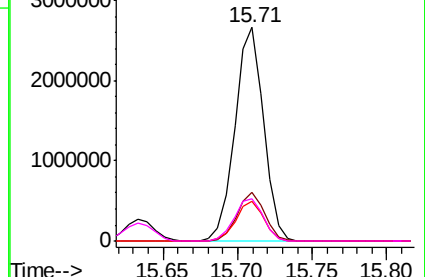
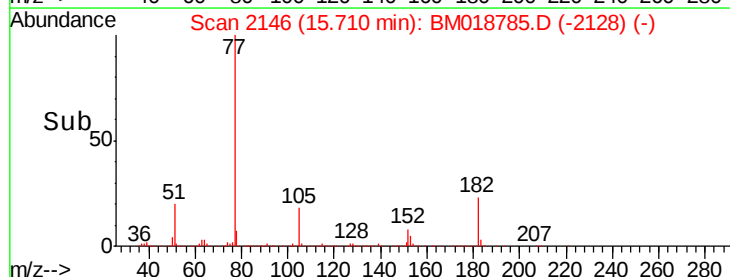


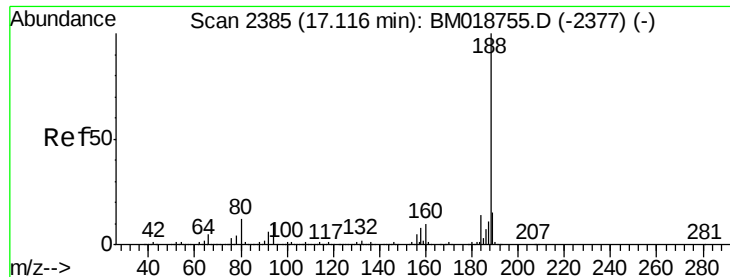
Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.12 min Scan# 2385

Delta R.T. -0.00 min

Lab File: BM018785.D

Acq: 12 Feb 2019 22:43

Instrument :

BNA_M

ClientSampleId :

MW-2-20190208MSD

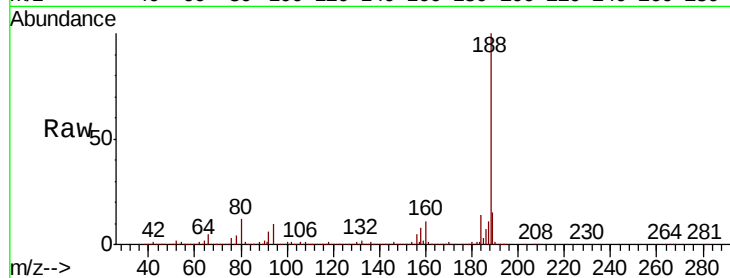
Tgt Ion:188 Resp: 1971664

Ion Ratio Lower Upper

188 100

94 10.2 8.2 12.2

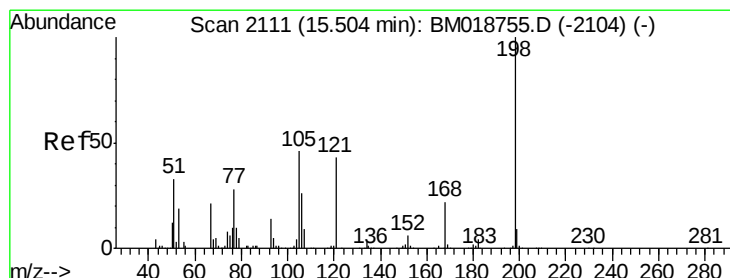
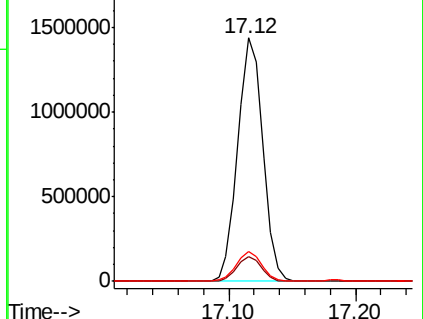
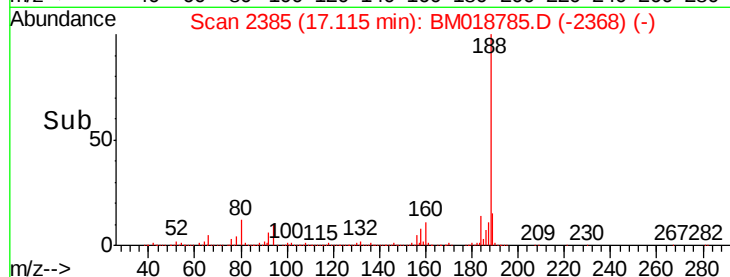
80 12.4 9.7 14.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#65

4,6-Dinitro-2-methylphenol

Concen: 39.108 ng

RT: 15.51 min Scan# 2112

Delta R.T. 0.01 min

Lab File: BM018785.D

Acq: 12 Feb 2019 22:43

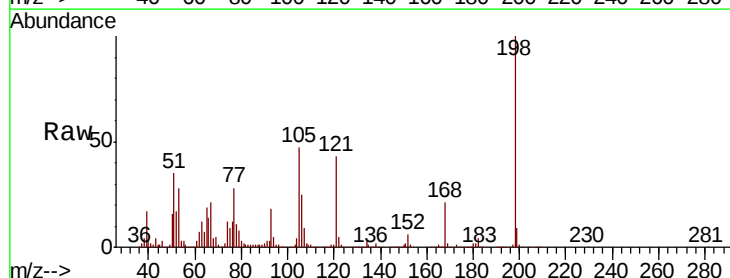
Tgt Ion:198 Resp: 541376

Ion Ratio Lower Upper

198 100

51 35.5 18.4 58.4

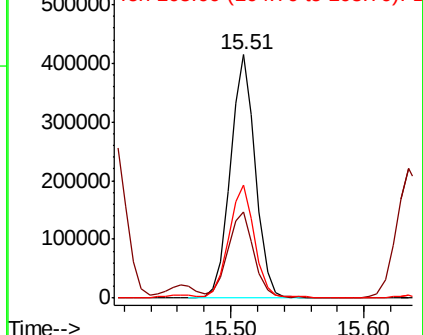
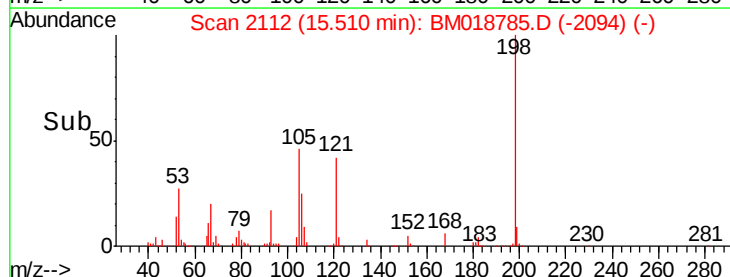
105 46.5 27.2 67.2

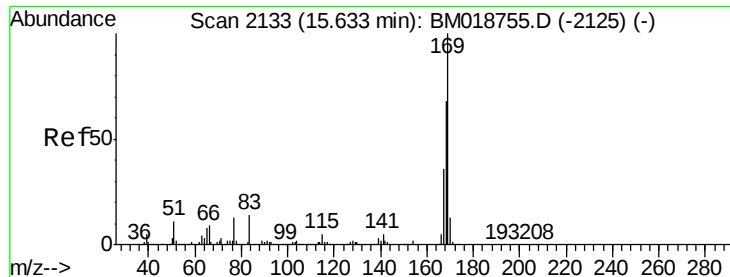


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E

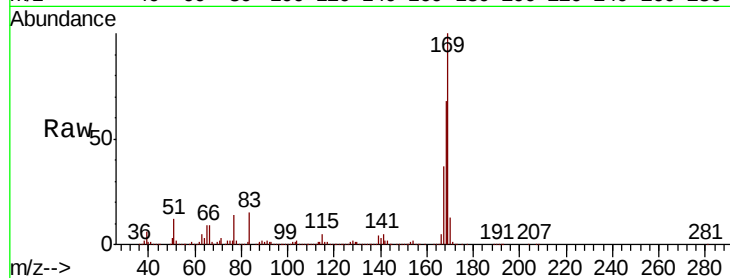




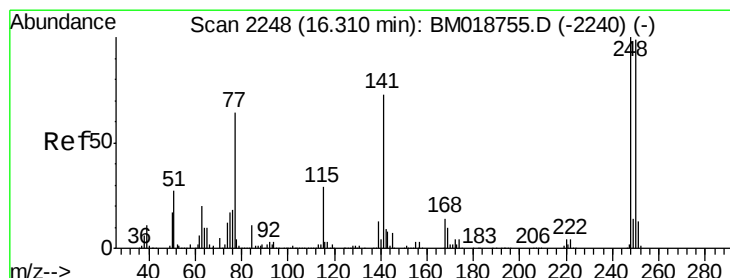
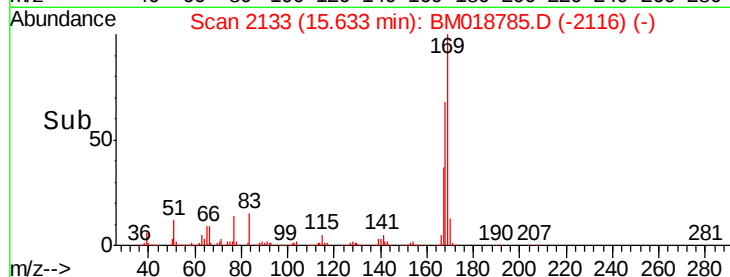
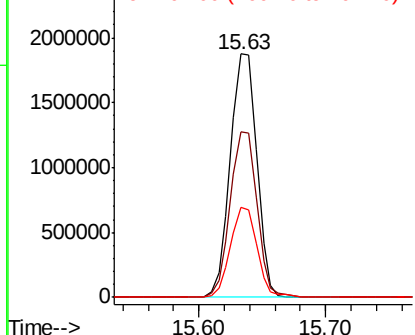
#66
 n-Nitrosodiphenylamine
 Concen: 43.477 ng
 RT: 15.63 min Scan# 2133
 Delta R.T. -0.00 min
 Lab File: BM018785.D
 Acq: 12 Feb 2019 22:43

Instrument :
 BNA_M
 ClientSampleId :
 MW-2-20190208MSD

Tgt Ion:169 Resp: 2708320
 Ion Ratio Lower Upper
 169 100
 168 68.0 54.4 81.6
 167 36.7 29.0 43.6

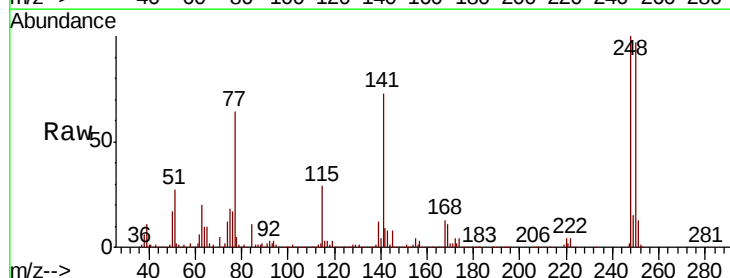


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

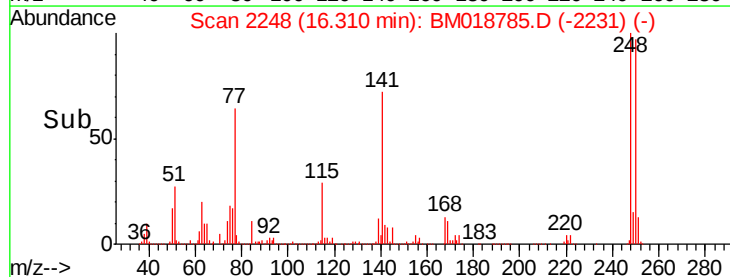
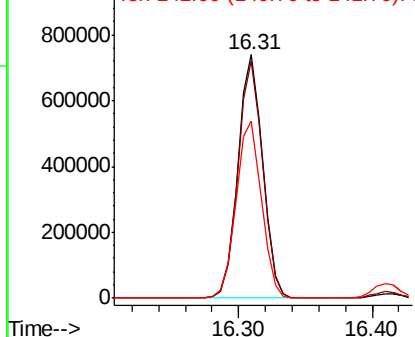


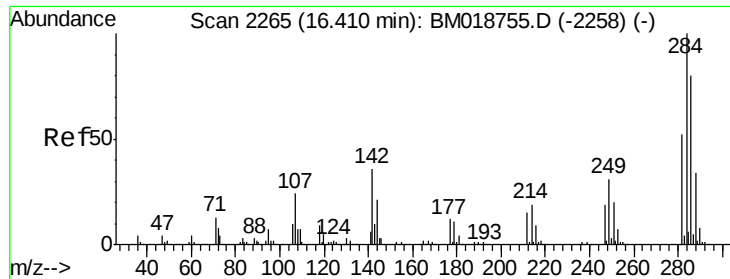
#67
 4-Bromophenyl-phenylether
 Concen: 42.926 ng
 RT: 16.31 min Scan# 2248
 Delta R.T. -0.00 min
 Lab File: BM018785.D
 Acq: 12 Feb 2019 22:43

Tgt Ion:248 Resp: 947349
 Ion Ratio Lower Upper
 248 100
 250 97.5 79.0 118.6
 141 72.5 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: 41.945 ng

RT: 16.41 min Scan# 2265

Delta R.T. -0.00 min

Lab File: BM018785.D

Acq: 12 Feb 2019 22:43

Instrument :

BNA_M

ClientSampleId :

MW-2-20190208MSD

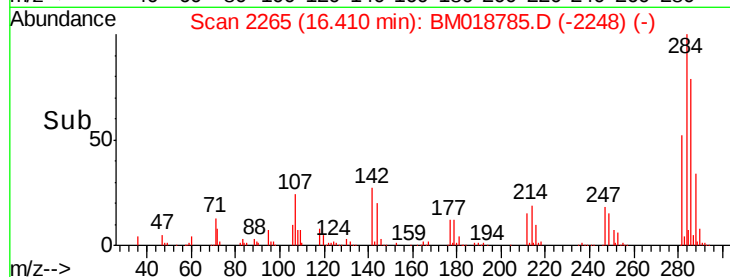
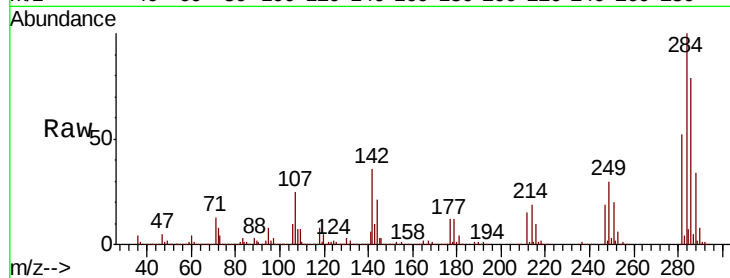
Tgt Ion:284 Resp: 1075989

Ion Ratio Lower Upper

284 100

142 36.1 28.9 43.3

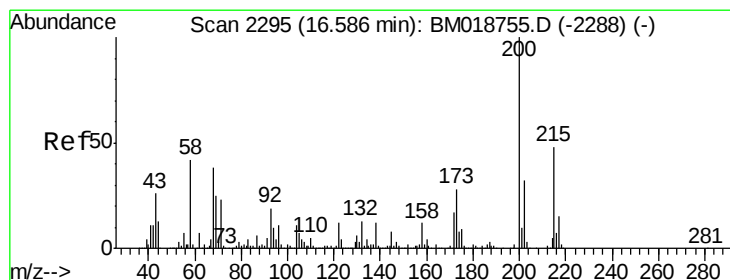
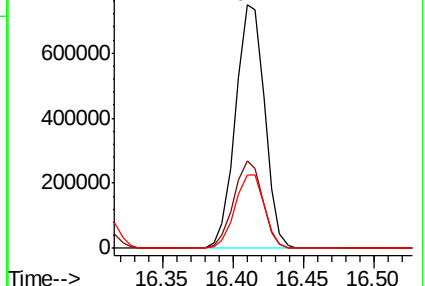
249 30.1 24.8 37.2



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: 46.340 ng

RT: 16.59 min Scan# 2296

Delta R.T. 0.01 min

Lab File: BM018785.D

Acq: 12 Feb 2019 22:43

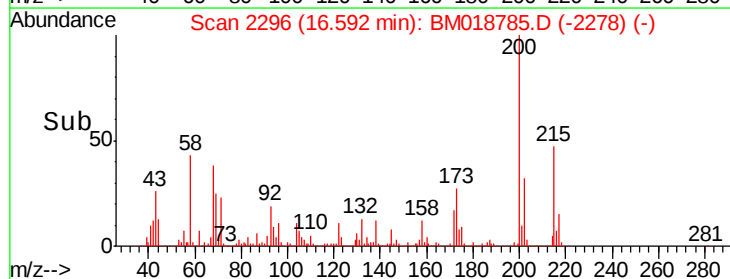
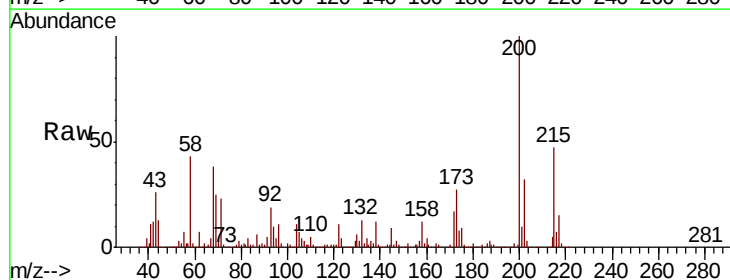
Tgt Ion:200 Resp: 930619

Ion Ratio Lower Upper

200 100

173 27.3 7.6 47.6

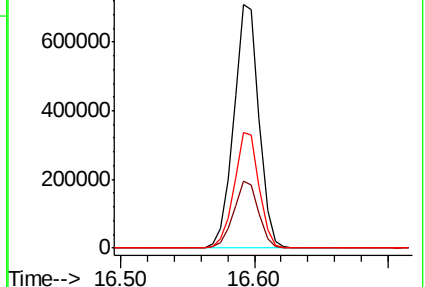
215 47.3 27.6 67.6

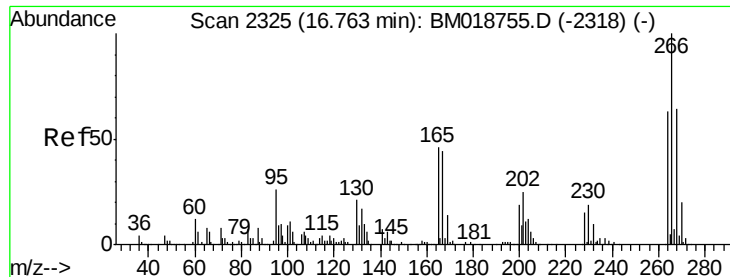


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#70

Pentachlorophenol

Concen: 83.700 ng

RT: 16.77 min Scan# 2326

Delta R.T. 0.01 min

Lab File: BM018785.D

Acq: 12 Feb 2019 22:43

Instrument :

BNA_M

ClientSampleId :

MW-2-20190208MSD

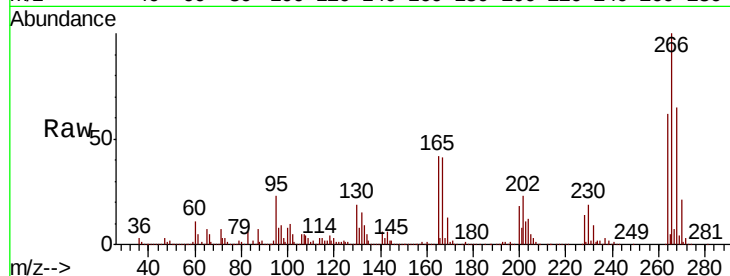
Tgt Ion:266 Resp: 1382472

Ion Ratio Lower Upper

266 100

268 64.6 51.3 76.9

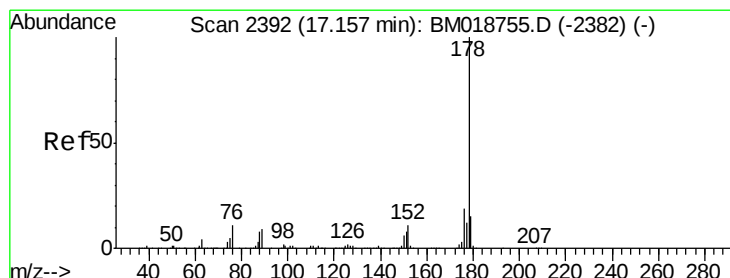
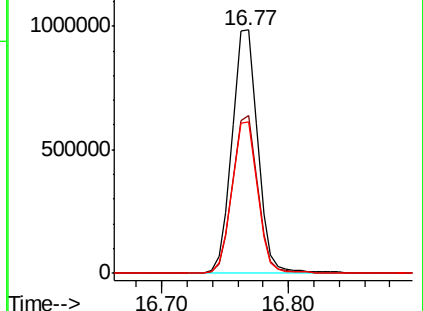
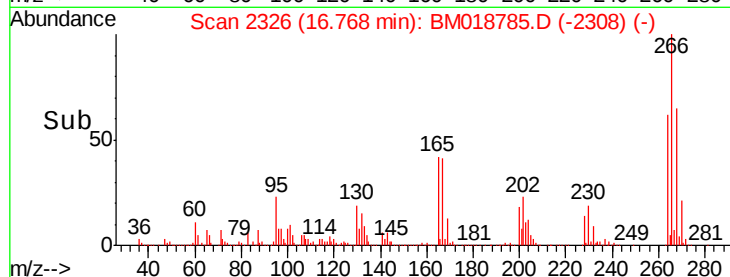
264 62.1 50.6 75.8



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: 45.107 ng

RT: 17.16 min Scan# 2393

Delta R.T. 0.01 min

Lab File: BM018785.D

Acq: 12 Feb 2019 22:43

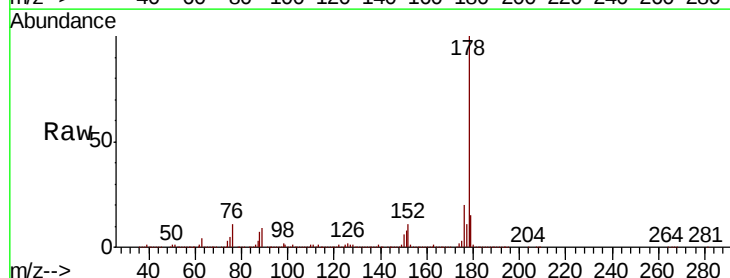
Tgt Ion:178 Resp: 4779515

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.0

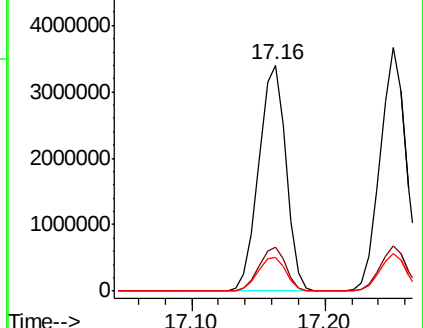
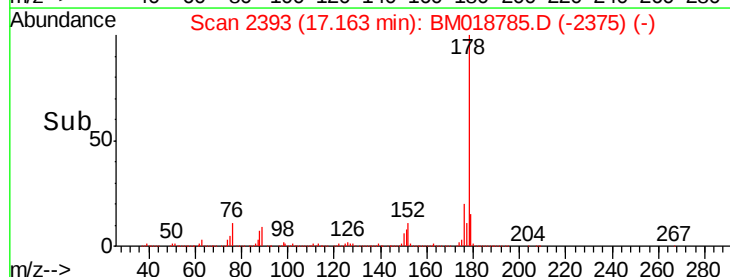
179 15.2 12.3 18.5

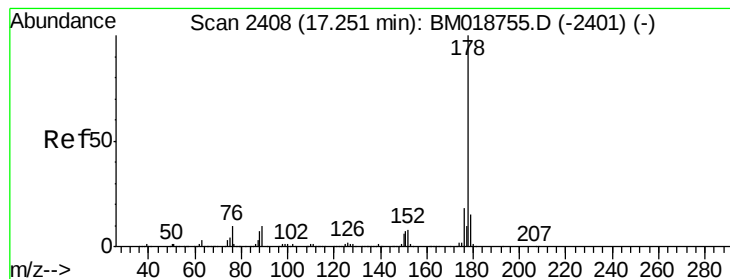


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 47.528 ng

RT: 17.25 min Scan# 2408

Delta R.T. -0.00 min

Lab File: BM018785.D

Acq: 12 Feb 2019 22:43

Instrument :

BNA_M

ClientSampleId :

MW-2-20190208MSD

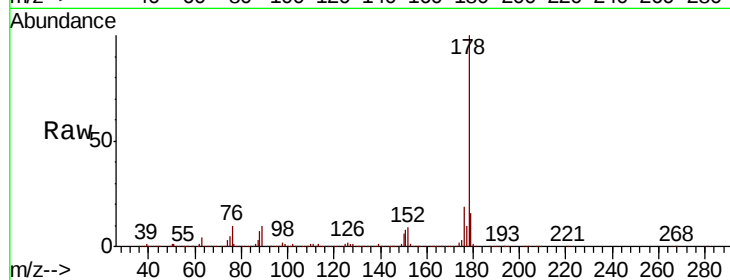
Tgt Ion:178 Resp: 4901714

Ion Ratio Lower Upper

178 100

176 18.8 14.8 22.2

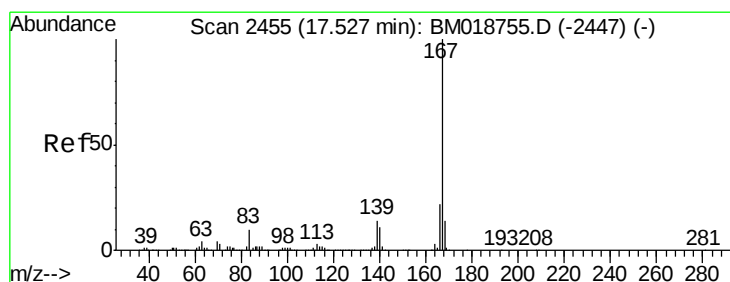
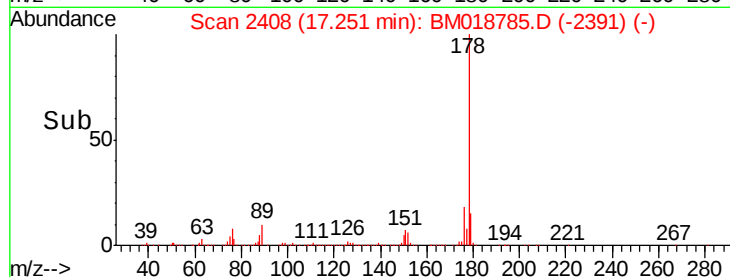
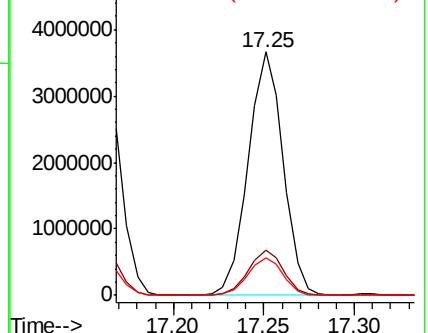
179 15.6 12.1 18.1



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: 41.383 ng

RT: 17.53 min Scan# 2456

Delta R.T. 0.01 min

Lab File: BM018785.D

Acq: 12 Feb 2019 22:43

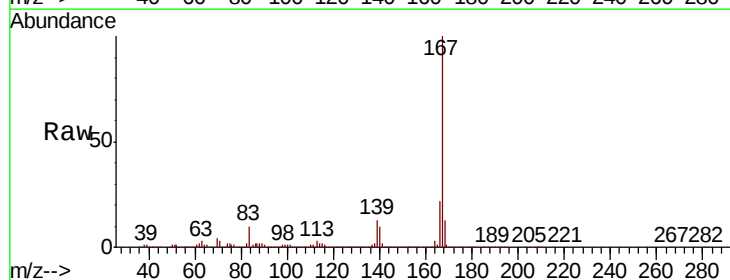
Tgt Ion:167 Resp: 4459060

Ion Ratio Lower Upper

167 100

166 22.0 17.7 26.5

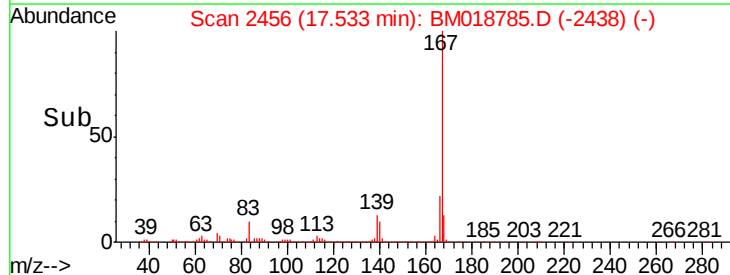
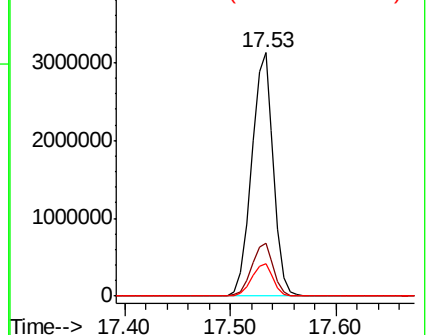
139 13.2 10.9 16.3

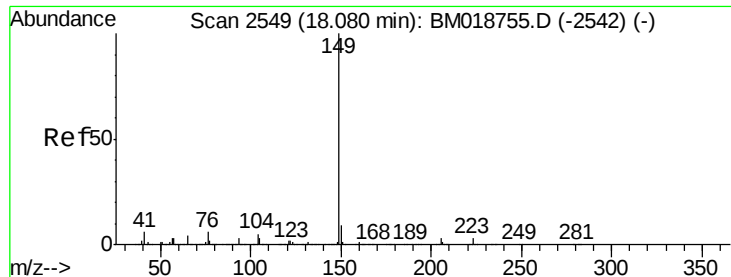


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 46.269 ng

RT: 18.09 min Scan# 2550

Delta R.T. 0.01 min

Lab File: BM018785.D

Acq: 12 Feb 2019 22:43

Instrument :

BNA_M

ClientSampleId :

MW-2-20190208MSD

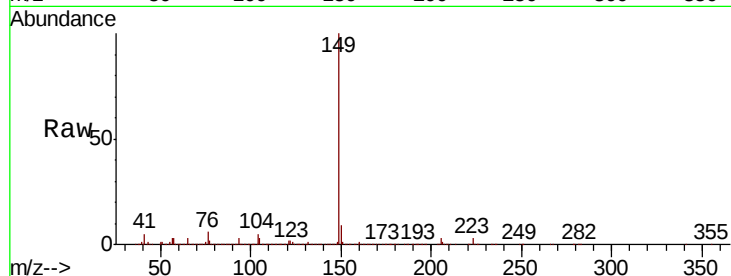
Tgt Ion:149 Resp: 5733645

Ion Ratio Lower Upper

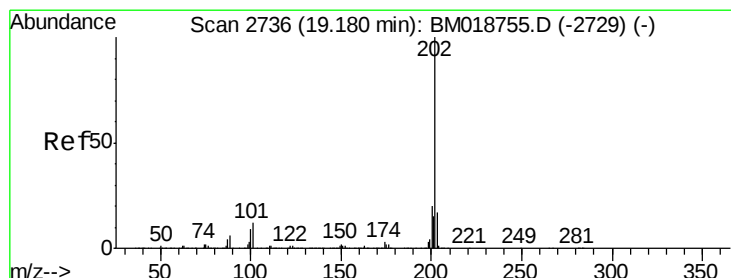
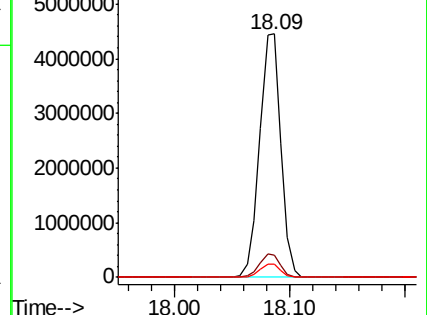
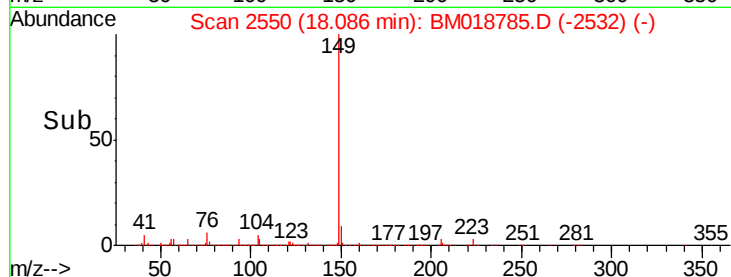
149 100

150 9.1 7.4 11.0

104 5.2 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E
6000000
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 44.572 ng

RT: 19.18 min Scan# 2736

Delta R.T. -0.00 min

Lab File: BM018785.D

Acq: 12 Feb 2019 22:43

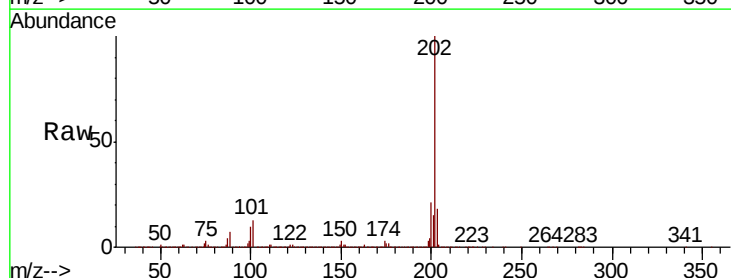
Tgt Ion:202 Resp: 5455519

Ion Ratio Lower Upper

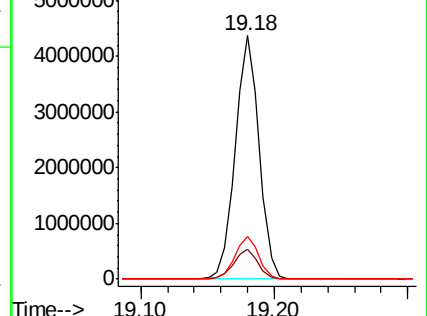
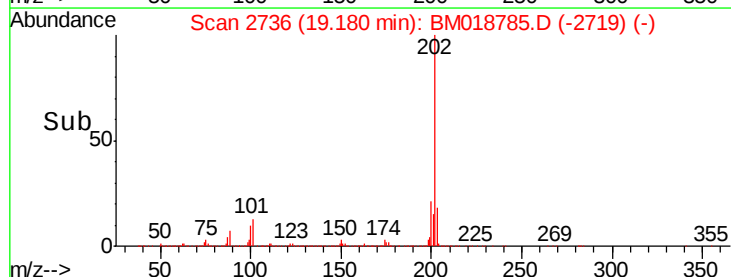
202 100

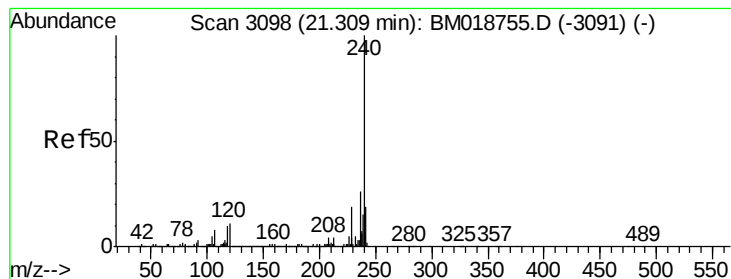
101 12.5 0.0 31.5

203 17.6 0.0 37.3



Abundance Ion 202.00 (201.70 to 202.70): E
6000000
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: BM018785.D

Acq: 12 Feb 2019 22:43

Instrument :

BNA_M

ClientSampleId :

MW-2-20190208MSD

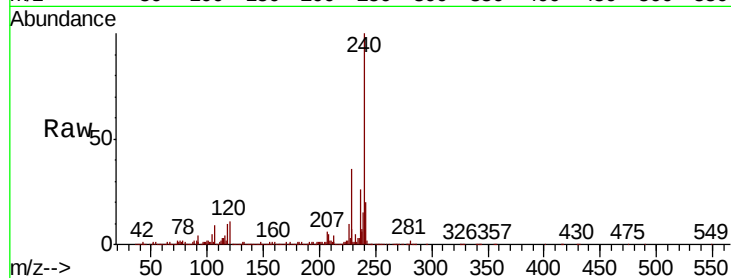
Tgt Ion:240 Resp: 1894327

Ion Ratio Lower Upper

240 100

120 11.3 8.9 13.3

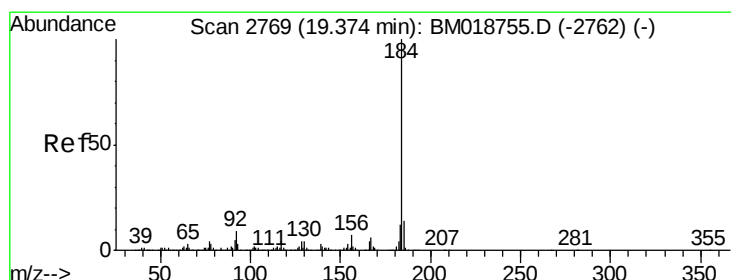
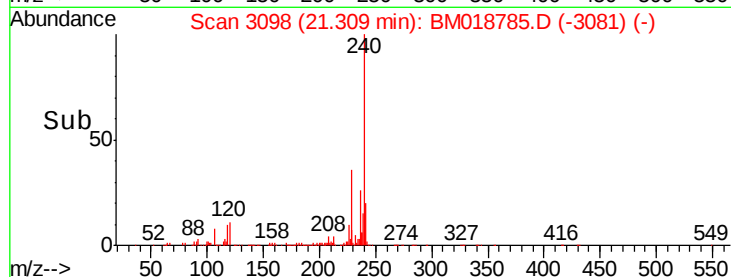
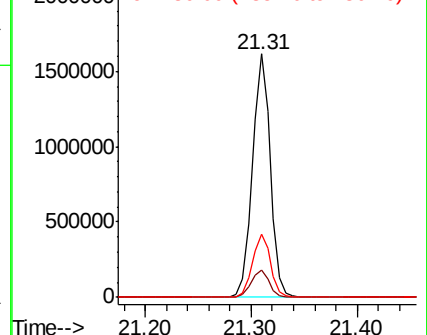
236 26.2 20.9 31.3



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: 18.217 ng

RT: 19.38 min Scan# 2770

Delta R.T. 0.01 min

Lab File: BM018785.D

Acq: 12 Feb 2019 22:43

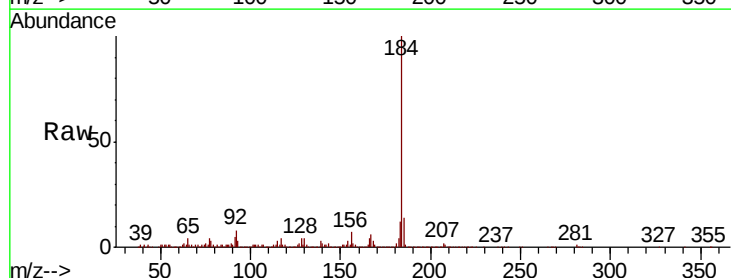
Tgt Ion:184 Resp: 777188

Ion Ratio Lower Upper

184 100

185 14.1 11.2 16.8

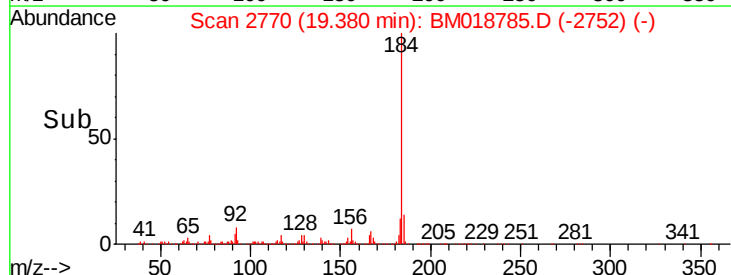
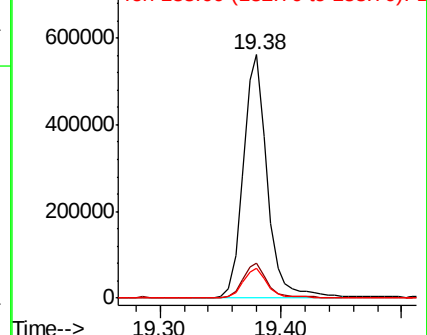
183 12.1 9.7 14.5

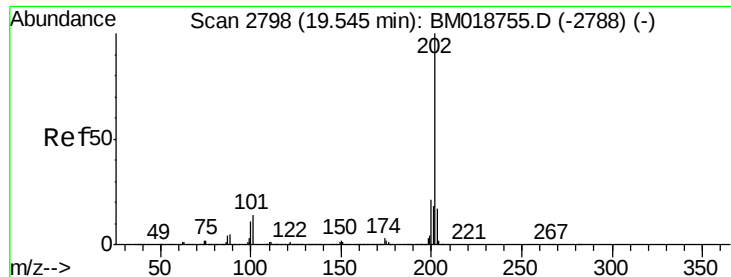


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Pyrene

Concen: 50.654 ng

RT: 19.54 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BM018785.D

Acq: 12 Feb 2019 22:43

Instrument :

BNA_M

ClientSampleId :

MW-2-20190208MSD

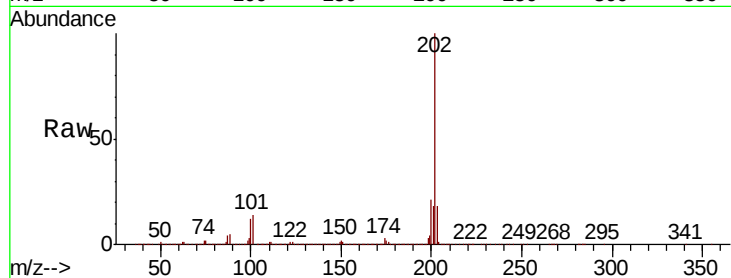
Tgt Ion:202 Resp: 5573006

Ion Ratio Lower Upper

202 100

200 21.2 16.9 25.3

203 17.6 13.8 20.8

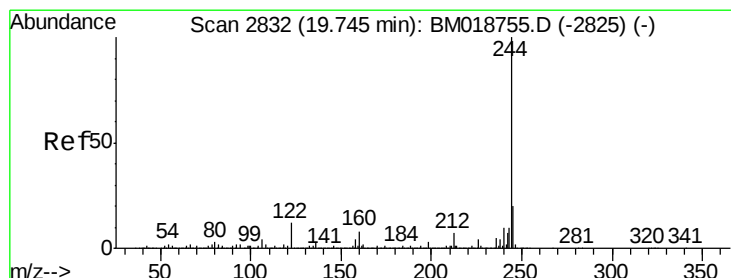
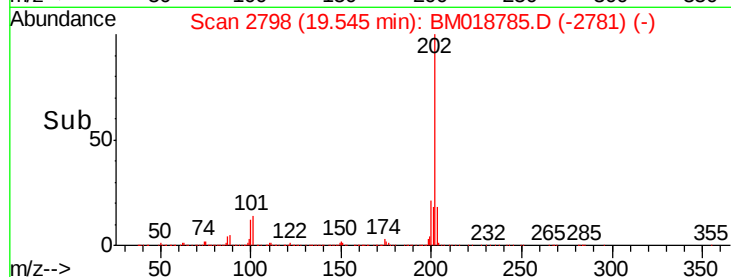
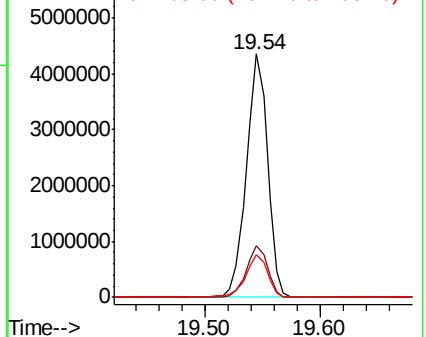


Abundance

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: 93.417 ng

RT: 19.75 min Scan# 2833

Delta R.T. 0.01 min

Lab File: BM018785.D

Acq: 12 Feb 2019 22:43

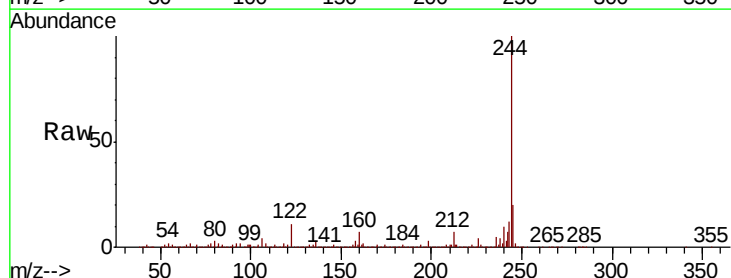
Tgt Ion:244 Resp: 8578313

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 10.7 9.3 13.9

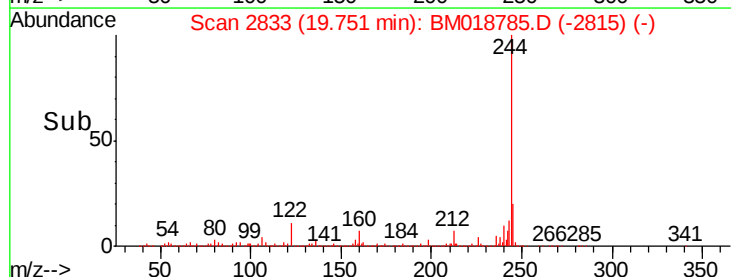
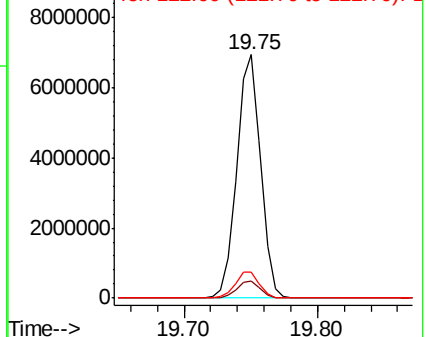


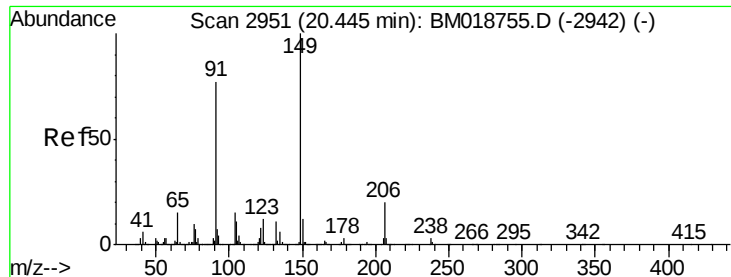
Abundance

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

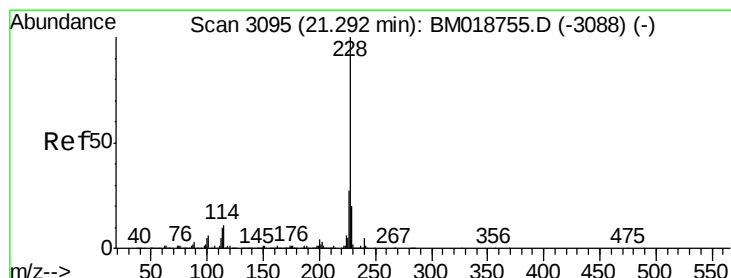
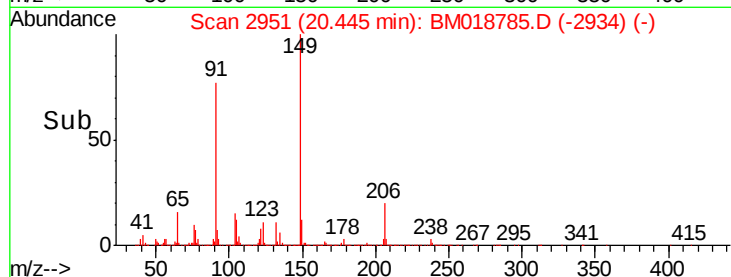
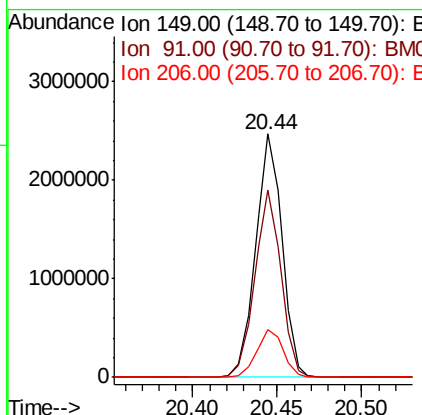
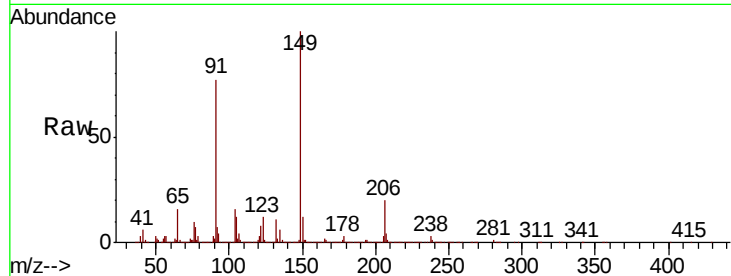




#80
Butylbenzylphthalate
Concen: 53.514 ng
RT: 20.44 min Scan# 2951
Delta R.T. -0.00 min
Lab File: BM018785.D
Acq: 12 Feb 2019 22:43

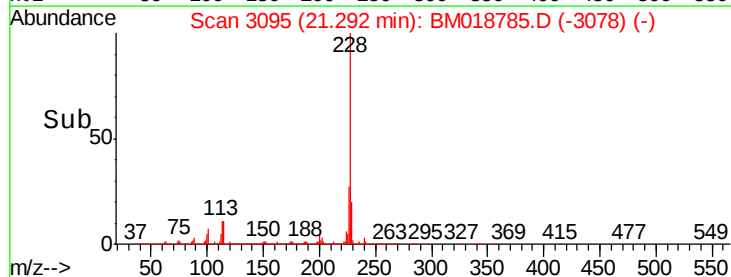
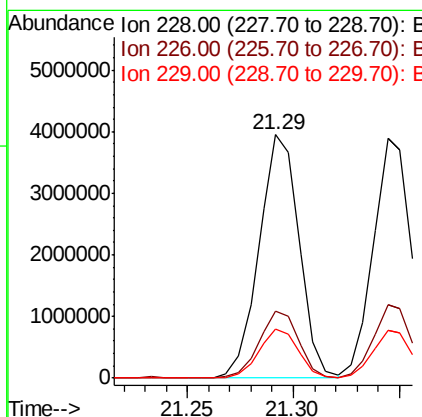
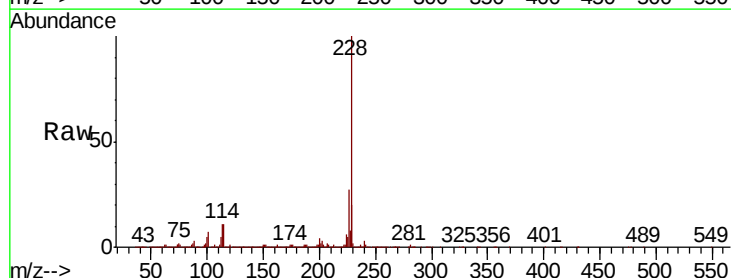
Instrument :
BNA_M
ClientSampleId :
MW-2-20190208MSD

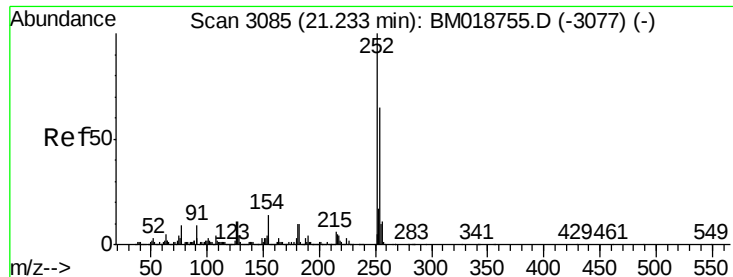
Tgt Ion:149 Resp: 2683223
Ion Ratio Lower Upper
149 100
91 77.0 61.4 92.0
206 19.6 15.8 23.8



#81
Benzo(a)anthracene
Concen: 47.039 ng
RT: 21.29 min Scan# 3095
Delta R.T. -0.00 min
Lab File: BM018785.D
Acq: 12 Feb 2019 22:43

Tgt Ion:228 Resp: 5194275
Ion Ratio Lower Upper
228 100
226 27.3 21.9 32.9
229 20.0 15.9 23.9

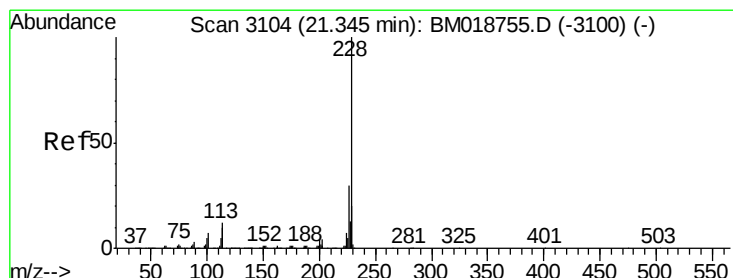
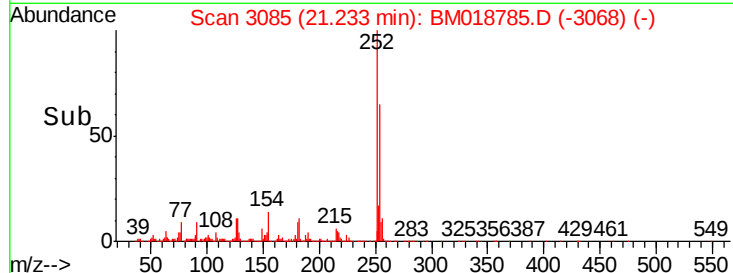
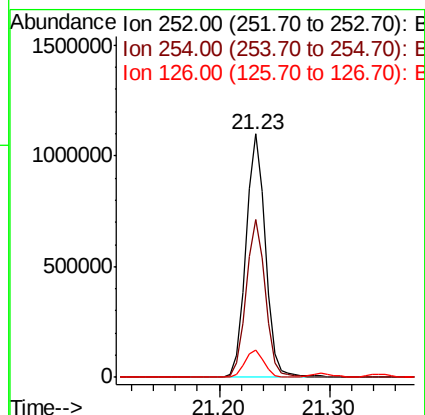
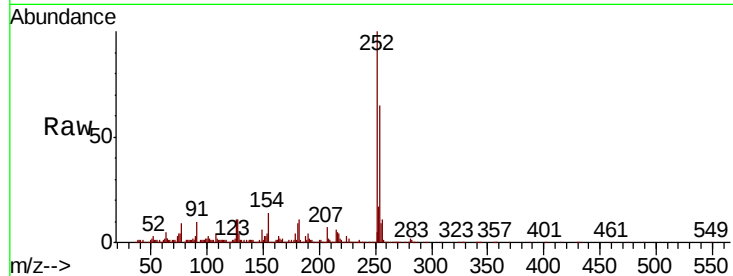




#82
 3,3'-Dichlorobenzidine
 Concen: 31.206 ng
 RT: 21.23 min Scan# 3085
 Delta R.T. -0.00 min
 Lab File: BM018785.D
 Acq: 12 Feb 2019 22:43

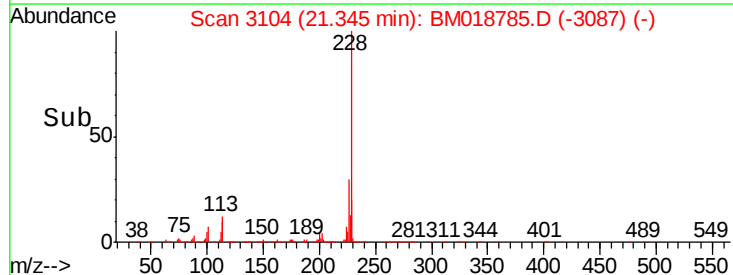
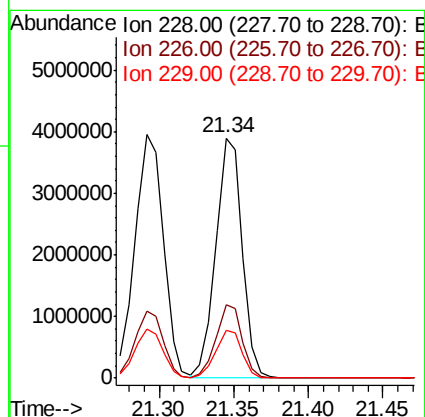
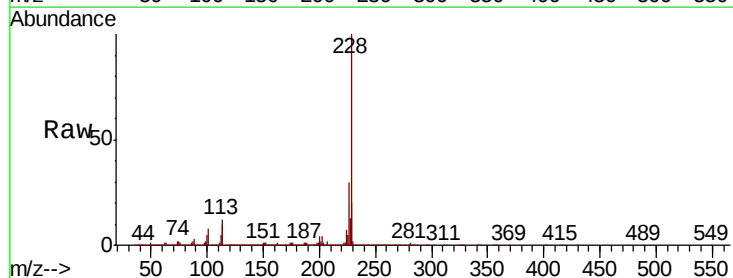
Instrument :
 BNA_M
 ClientSampleId :
 MW-2-20190208MSD

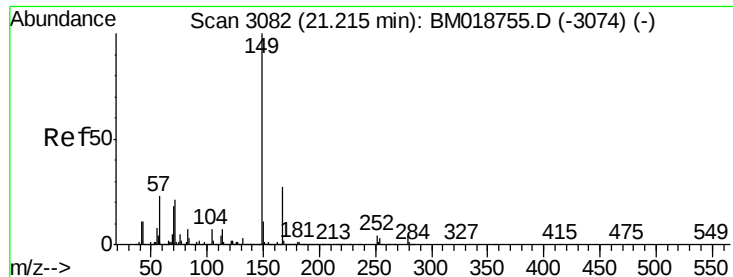
Tgt Ion:252 Resp: 1361861
 Ion Ratio Lower Upper
 252 100
 254 64.8 51.8 77.8
 126 11.3 9.1 13.7



#83
 Chrysene
 Concen: 45.493 ng
 RT: 21.34 min Scan# 3104
 Delta R.T. -0.00 min
 Lab File: BM018785.D
 Acq: 12 Feb 2019 22:43

Tgt Ion:228 Resp: 4814927
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.1 36.1
 229 20.0 16.0 24.0





#84

Bis(2-ethylhexyl)phthalate

Concen: 52.022 ng

RT: 21.22 min Scan# 3082

Delta R.T. -0.00 min

Lab File: BM018785.D

Acq: 12 Feb 2019 22:43

Instrument :

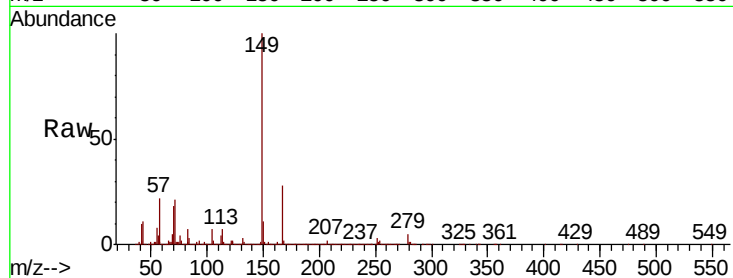
BNA_M

ClientSampleId :

MW-2-20190208MSD

Tgt Ion:149 Resp: 3817703

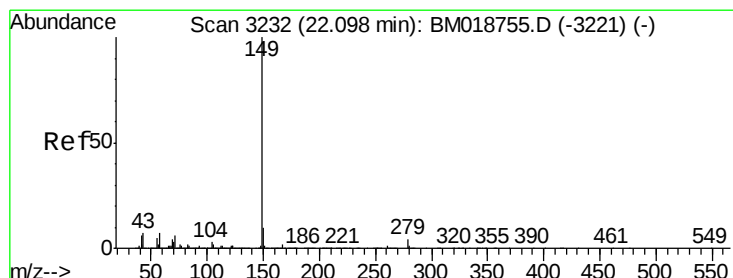
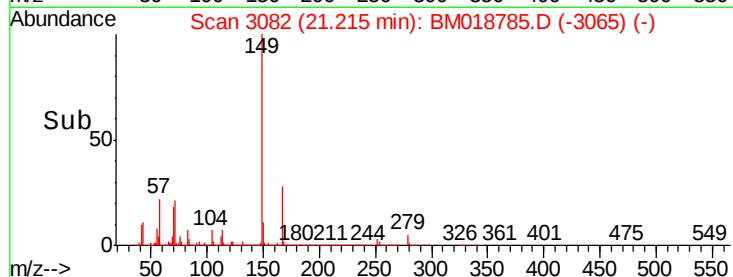
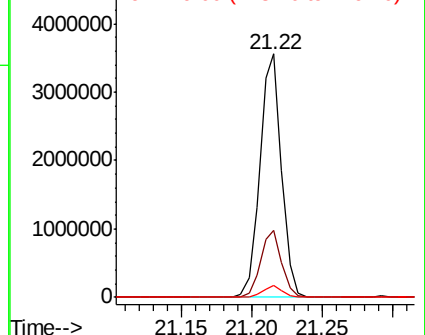
Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.8	32.6
279	4.7	3.6	5.4



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: 50.211 ng

RT: 22.10 min Scan# 3232

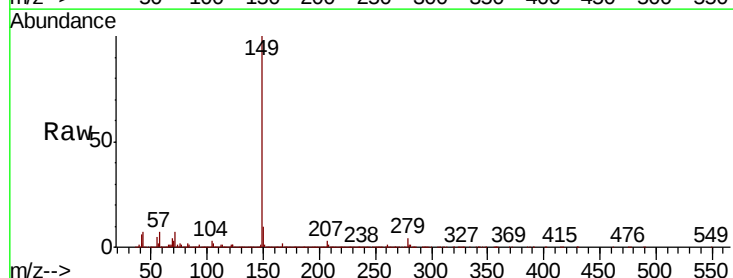
Delta R.T. -0.00 min

Lab File: BM018785.D

Acq: 12 Feb 2019 22:43

Tgt Ion:149 Resp: 6193065

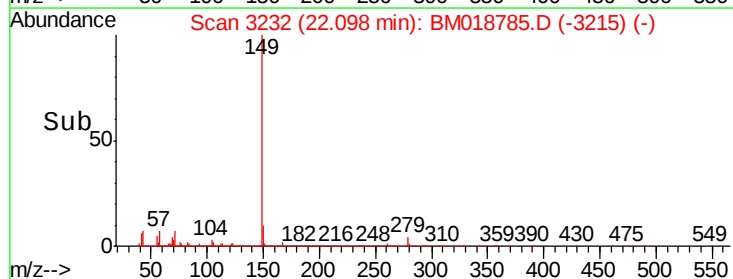
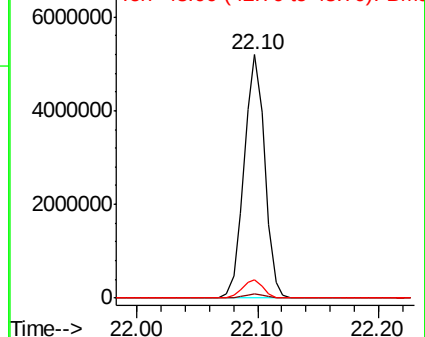
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.3	6.0	9.0

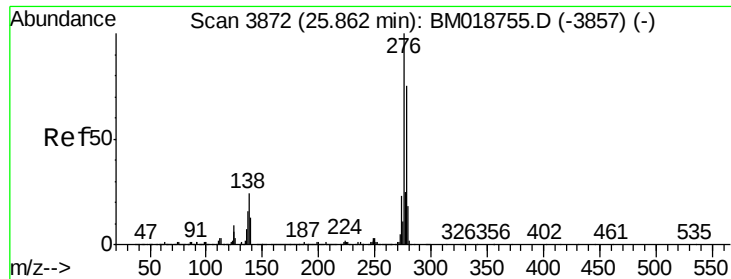


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BMO

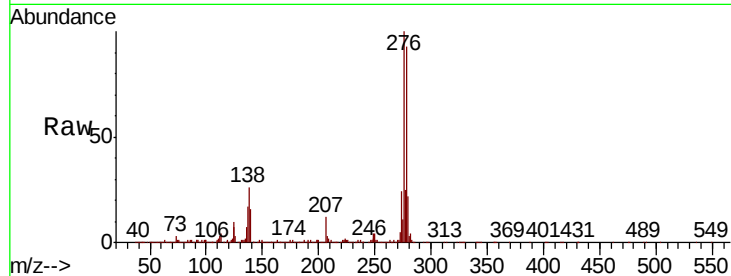




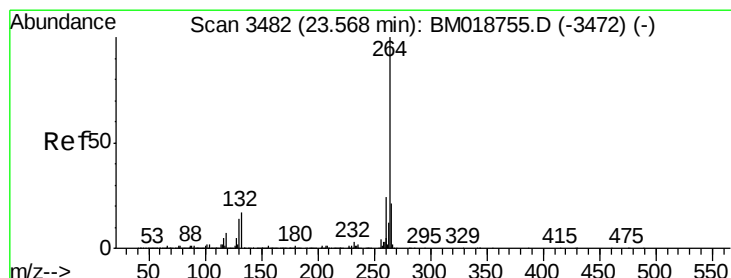
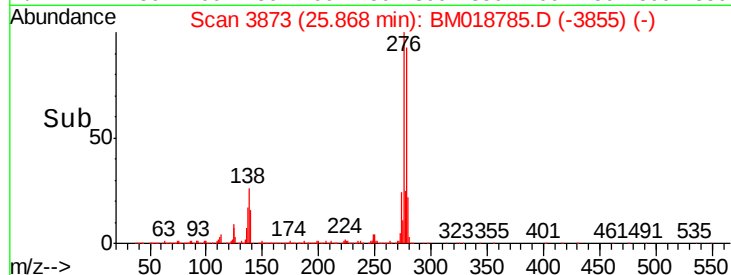
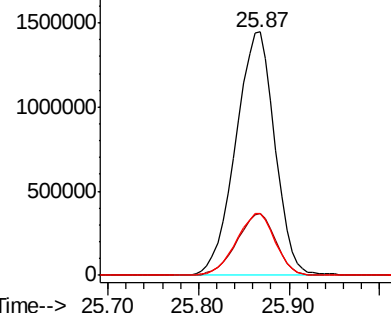
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 35.443 ng
 RT: 25.87 min Scan# 3873
 Delta R.T. 0.01 min
 Lab File: BM018785.D
 Acq: 12 Feb 2019 22:43

Instrument :
 BNA_M
 ClientSampleId :
 MW-2-20190208MSD

Tgt Ion:276 Resp: 4331023
 Ion Ratio Lower Upper
 276 100
 138 25.2 20.2 30.4
 277 25.4 20.3 30.5

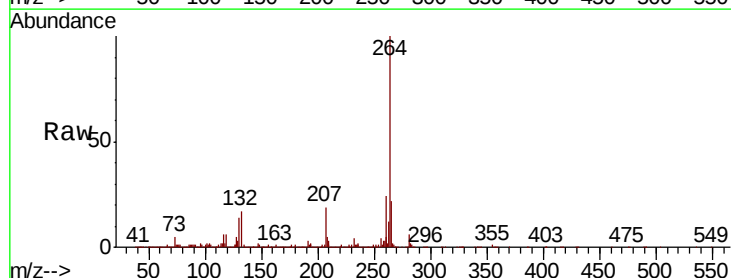


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

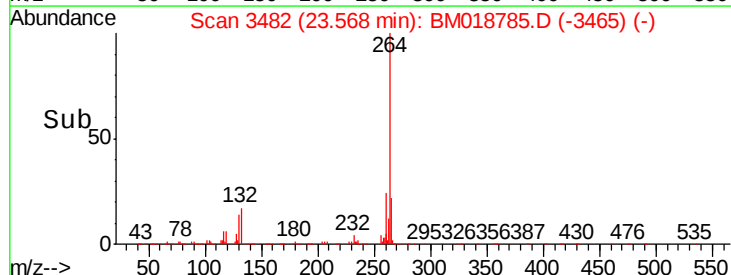
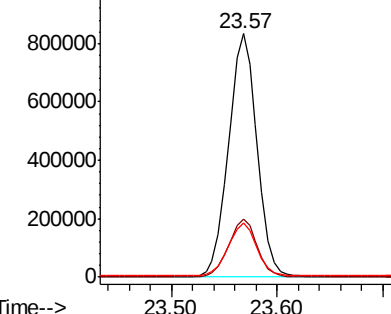


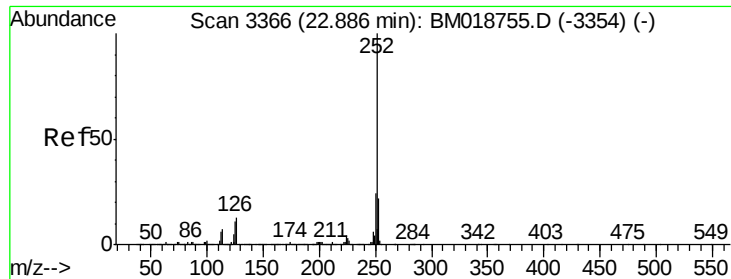
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.57 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: BM018785.D
 Acq: 12 Feb 2019 22:43

Tgt Ion:264 Resp: 1559857
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.9 28.3
 265 22.3 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

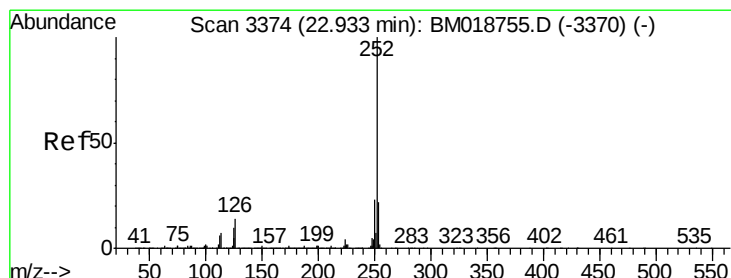
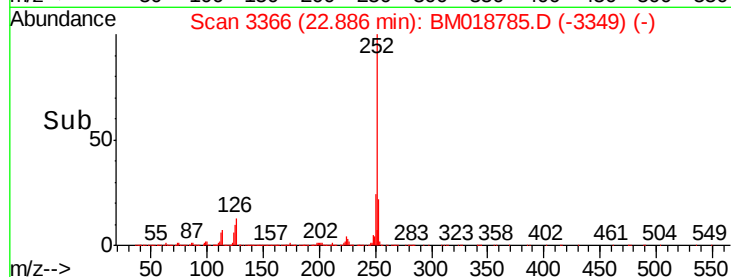
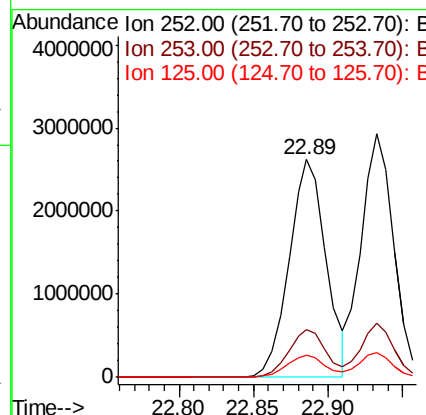
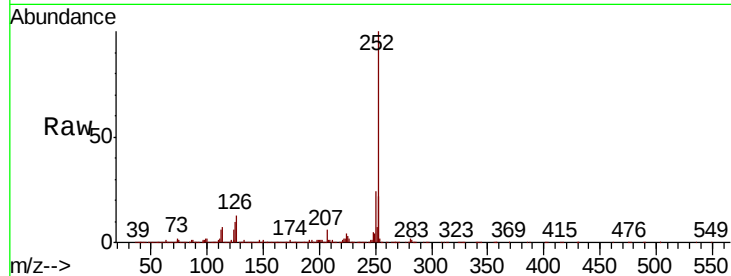




#88
Benzo(b)fluoranthene
Concen: 50.649 ng
RT: 22.89 min Scan# 3366
Delta R.T. -0.00 min
Lab File: BM018785.D
Acq: 12 Feb 2019 22:43

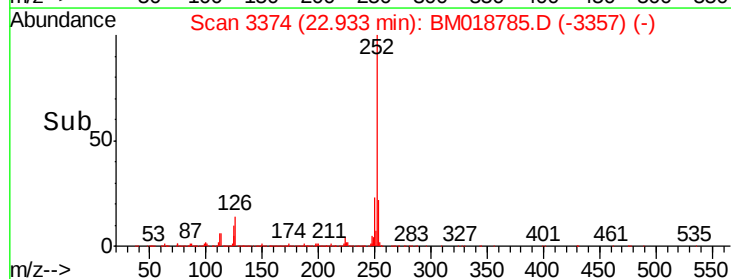
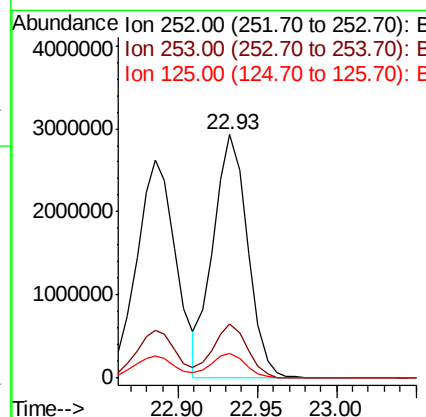
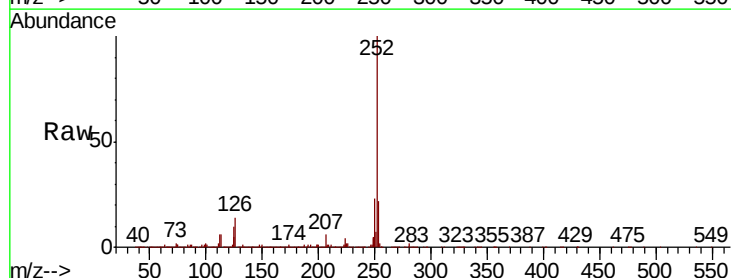
Instrument :
BNA_M
ClientSampleId :
MW-2-20190208MSD

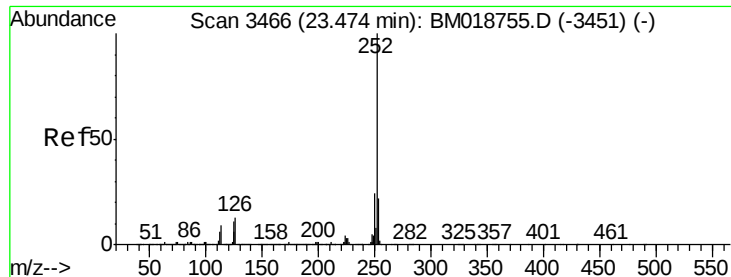
Tgt Ion:252 Resp: 4520180
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 10.3 8.6 12.8



#89
Benzo(k)fluoranthene
Concen: 49.675 ng
RT: 22.93 min Scan# 3374
Delta R.T. -0.00 min
Lab File: BM018785.D
Acq: 12 Feb 2019 22:43

Tgt Ion:252 Resp: 4413602
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 10.1 8.2 12.4





#90

Benzo(a)pyrene

Concen: 48.841 ng

RT: 23.47 min Scan# 3466

Delta R.T. -0.00 min

Lab File: BM018785.D

Acq: 12 Feb 2019 22:43

Instrument :

BNA_M

ClientSampleId :

MW-2-20190208MSD

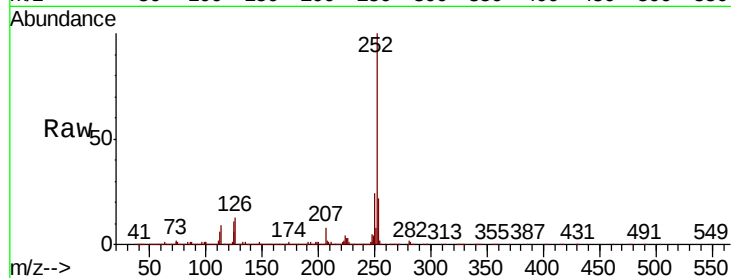
Tgt Ion:252 Resp: 4129222

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 10.9 8.6 13.0

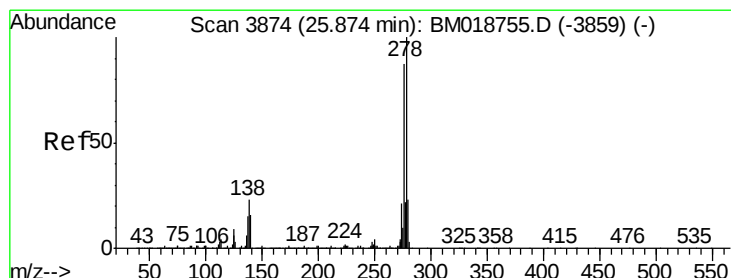
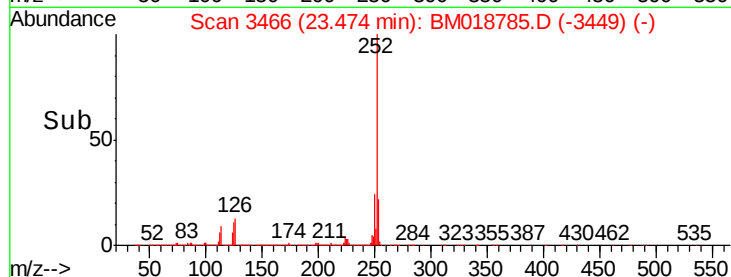
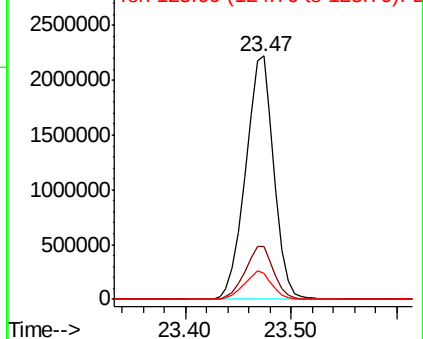


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 43.789 ng

RT: 25.87 min Scan# 3874

Delta R.T. -0.00 min

Lab File: BM018785.D

Acq: 12 Feb 2019 22:43

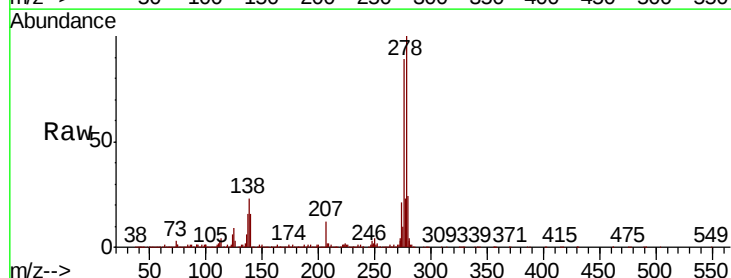
Tgt Ion:278 Resp: 3667874

Ion Ratio Lower Upper

278 100

139 16.4 12.6 18.8

279 23.7 18.6 28.0

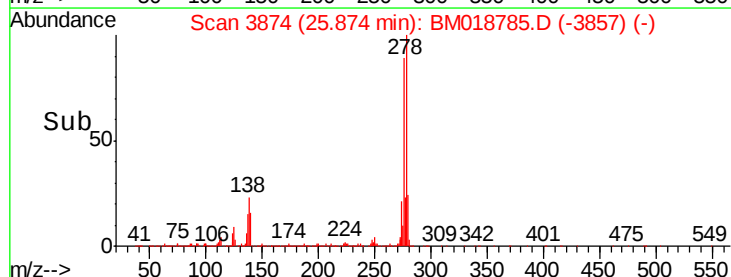
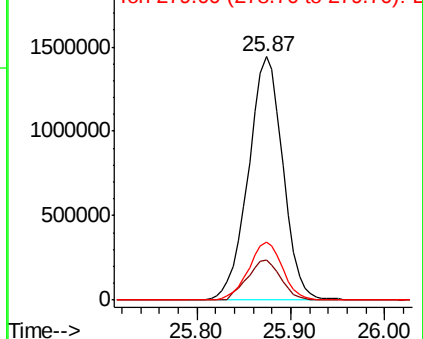


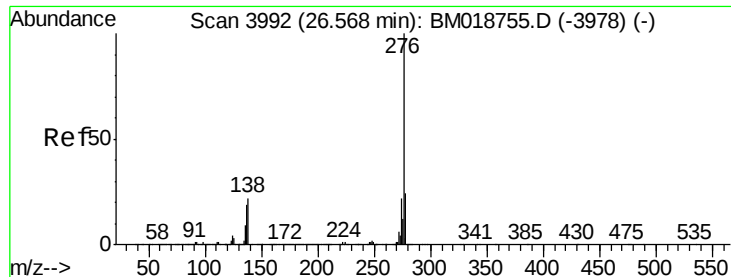
Abundance

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: 44.248 ng

RT: 26.57 min Scan# 3992

Delta R.T. -0.00 min

Lab File: BM018785.D

Acq: 12 Feb 2019 22:43

Instrument :

BNA_M

ClientSampleId :

MW-2-20190208MSD

Tgt Ion: 276 Resp: 3450450

Ion Ratio Lower Upper

276 100

277 23.9 19.2 28.8

138 21.3 17.3 25.9

