

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM022119\  
 Data File : BM018893.D  
 Acq On : 21 Feb 2019 13:31  
 Operator : JU/SJ  
 Sample : PB117258BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB117258BS

Quant Time: Feb 21 21:54:23 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 | 7.70  | 152  | 263185   | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 10.49 | 136  | 1110567  | 20.00 | ng    | -0.02    |
| 39) Acenaphthene-d10      | 14.35 | 164  | 634917   | 20.00 | ng    | -0.01    |
| 64) Phenanthrene-d10      | 17.10 | 188  | 1390759  | 20.00 | ng    | -0.01    |
| 76) Chrysene-d12          | 21.30 | 240  | 1386952  | 20.00 | ng    | -0.01    |
| 87) Perylene-d12          | 23.54 | 264  | 1165657  | 20.00 | ng    | -0.02    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.29  | 112  | 2575310  | 160.33 | ng    | -0.01    |
| 7) Phenol-d6                | 6.88  | 99   | 3559498  | 157.30 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.87  | 82   | 1916814  | 79.81  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 15.85 | 330  | 1366230  | 149.28 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 12.96 | 172  | 3779876  | 79.03  | ng    | -0.02    |
| 79) Terphenyl-d14           | 19.73 | 244  | 6329684  | 94.15  | ng    | -0.01    |

| Target Compounds               | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|-------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 3.25  | 88   | 244519   | 34.951 | ng    | 97     |
| 3) Pyridine                    | 3.64  | 79   | 727777   | 38.137 | ng    | 100    |
| 4) n-Nitrosodimethylamine      | 3.56  | 42   | 232767   | 47.947 | ng    | 93     |
| 6) Aniline                     | 7.04  | 93   | 874779   | 31.551 | ng    | 100    |
| 8) 2-Chlorophenol              | 7.26  | 128  | 796504   | 45.165 | ng    | 97     |
| 9) Benzaldehyde                | 6.86  | 77   | 323873   | 23.165 | ng    | 98     |
| 10) Phenol                     | 6.90  | 94   | 1083575  | 45.510 | ng    | 99     |
| 11) bis(2-Chloroethyl)ether    | 7.14  | 93   | 735415   | 40.491 | ng    | 99     |
| 12) 1,3-Dichlorobenzene        | 7.58  | 146  | 781509   | 39.410 | ng    | 99     |
| 13) 1,4-Dichlorobenzene        | 7.73  | 146  | 803647   | 39.808 | ng    | 100    |
| 14) 1,2-Dichlorobenzene        | 8.05  | 146  | 778024   | 40.121 | ng    | 98     |
| 15) Benzyl Alcohol             | 7.95  | 79   | 771561   | 42.912 | ng    | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.22  | 45   | 722994   | 41.129 | ng    | 98     |
| 17) 2-Methylphenol             | 8.15  | 107  | 682343   | 45.027 | ng    | 97     |
| 18) Hexachloroethane           | 8.76  | 117  | 294600   | 39.975 | ng    | 96     |
| 19) n-Nitroso-di-n-propylamine | 8.51  | 70   | 702638   | 40.103 | ng    | 98     |
| 20) 3+4-Methylphenols          | 8.47  | 107  | 920367   | 43.983 | ng    | 99     |
| 22) Acetophenone               | 8.53  | 105  | 1165282  | 38.208 | ng    | # 99   |
| 24) Nitrobenzene               | 8.91  | 77   | 1016567  | 40.775 | ng    | 99     |
| 25) Isophorone                 | 9.43  | 82   | 1747991  | 45.612 | ng    | 100    |
| 26) 2-Nitrophenol              | 9.61  | 139  | 416378   | 41.938 | ng    | 99     |
| 27) 2,4-Dimethylphenol         | 9.66  | 122  | 710933   | 49.026 | ng    | 99     |
| 28) bis(2-Chloroethoxy)methane | 9.91  | 93   | 1041127  | 42.011 | ng    | 99     |
| 29) 2,4-Dichlorophenol         | 10.14 | 162  | 730160   | 43.852 | ng    | 99     |
| 30) 1,2,4-Trichlorobenzene     | 10.35 | 180  | 756762   | 39.355 | ng    | 98     |
| 31) Naphthalene                | 10.53 | 128  | 2340198  | 43.206 | ng    | 99     |
| 32) Benzoic acid               | 9.83  | 122  | 453177   | 35.826 | ng    | 95     |
| 33) 4-Chloroaniline            | 10.66 | 127  | 479667   | 19.811 | ng    | 100    |
| 34) Hexachlorobutadiene        | 10.80 | 225  | 404044   | 36.200 | ng    | 99     |
| 35) Caprolactam                | 11.48 | 113  | 187689   | 27.620 | ng    | 94     |
| 36) 4-Chloro-3-methylphenol    | 11.79 | 107  | 842112   | 41.948 | ng    | 98     |
| 37) 2-Methylnaphthalene        | 12.15 | 142  | 1733311  | 45.453 | ng    | 100    |
| 38) 1-Methylnaphthalene        | 12.37 | 142  | 1630363  | 43.721 | ng    | 98     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.52 | 216  | 803616   | 39.567 | ng    | 99     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM022119\  
 Data File : BM018893.D  
 Acq On : 21 Feb 2019 13:31  
 Operator : JU/SJ  
 Sample : PB117258BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

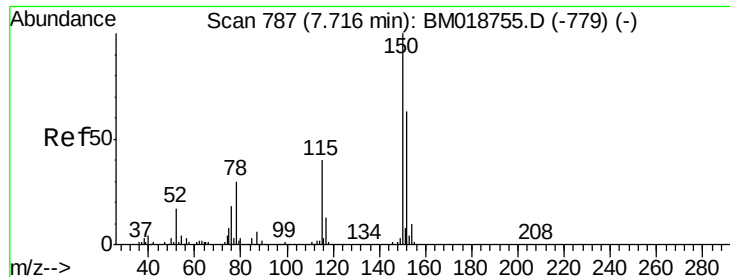
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB117258BS

Quant Time: Feb 21 21:54:23 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) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.49 | 237  | 874682   | 84.233 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 12.77 | 196  | 575670   | 42.815 | ng    | 100      |
| 44) 2,4,5-Trichlorophenol      | 12.85 | 196  | 612700   | 43.477 | ng    | 99       |
| 46) 1,1'-Biphenyl              | 13.17 | 154  | 2194991  | 40.163 | ng    | 100      |
| 47) 2-Chloronaphthalene        | 13.22 | 162  | 1700254  | 40.278 | ng    | 100      |
| 48) 2-Nitroaniline             | 13.44 | 65   | 597796   | 42.640 | ng    | 99       |
| 49) Acenaphthylene             | 14.07 | 152  | 2774205  | 44.136 | ng    | 99       |
| 50) Dimethylphthalate          | 13.82 | 163  | 2133932  | 40.328 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 13.94 | 165  | 473409   | 41.301 | ng    | 100      |
| 52) Acenaphthene               | 14.42 | 154  | 1599140  | 41.491 | ng    | 100      |
| 53) 3-Nitroaniline             | 14.28 | 138  | 340362   | 26.280 | ng    | 96       |
| 54) 2,4-Dinitrophenol          | 14.49 | 184  | 411604   | 58.278 | ng    | 98       |
| 55) Dibenzofuran               | 14.75 | 168  | 2578830  | 40.709 | ng    | 99       |
| 56) 4-Nitrophenol              | 14.59 | 139  | 775147   | 74.976 | ng    | 99       |
| 57) 2,4-Dinitrotoluene         | 14.73 | 165  | 661038   | 41.857 | ng    | 98       |
| 58) Fluorene                   | 15.40 | 166  | 2096634  | 43.262 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 14.97 | 232  | 542863   | 43.580 | ng    | 99       |
| 60) Diethylphthalate           | 15.18 | 149  | 2190872  | 40.138 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.40 | 204  | 1030918  | 37.940 | ng    | 97       |
| 62) 4-Nitroaniline             | 15.44 | 138  | 448035   | 35.287 | ng    | 99       |
| 63) Azobenzene                 | 15.69 | 77   | 2385514  | 40.761 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 15.49 | 198  | 322125   | 32.989 | ng    | 99       |
| 66) n-Nitrosodiphenylamine     | 15.62 | 169  | 1812048  | 41.239 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.29 | 248  | 614651   | 39.484 | ng    | 97       |
| 68) Hexachlorobenzene          | 16.40 | 284  | 713561   | 39.435 | ng    | 97       |
| 69) Atrazine                   | 16.57 | 200  | 613630   | 43.318 | ng    | 99       |
| 70) Pentachlorophenol          | 16.75 | 266  | 873380   | 74.964 | ng    | 99       |
| 71) Phenanthrene               | 17.14 | 178  | 3238032  | 43.323 | ng    | 100      |
| 72) Anthracene                 | 17.23 | 178  | 3268284  | 44.926 | ng    | 99       |
| 73) Carbazole                  | 17.52 | 167  | 2955590  | 38.887 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.07 | 149  | 3702183  | 42.354 | ng    | 100      |
| 75) Fluoranthene               | 19.17 | 202  | 3652559  | 42.306 | ng    | 99       |
| 77) Benzidine                  | 19.36 | 184  | 1265298  | 40.508 | ng    | 100      |
| 78) Pyrene                     | 19.53 | 202  | 3752150  | 46.580 | ng    | 100      |
| 80) Butylbenzylphthalate       | 20.43 | 149  | 1731110  | 47.155 | ng    | 99       |
| 81) Benzo(a)anthracene         | 21.28 | 228  | 3533276  | 43.703 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 21.22 | 252  | 985809   | 30.852 | ng    | 99       |
| 83) Chrysene                   | 21.33 | 228  | 3306627  | 42.671 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 21.20 | 149  | 2511040  | 46.734 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 22.09 | 149  | 4320768  | 47.846 | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 25.83 | 276  | 3339818  | 37.330 | ng    | 100      |
| 88) Benzo(b)fluoranthene       | 22.87 | 252  | 3275567  | 49.115 | ng    | 100      |
| 89) Benzo(k)fluoranthene       | 22.91 | 252  | 3242085  | 48.830 | ng    | 100      |
| 90) Benzo(a)pyrene             | 23.45 | 252  | 3060185  | 48.437 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 25.84 | 278  | 2883360  | 46.065 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 26.53 | 276  | 2706656  | 46.448 | ng    | 100      |

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



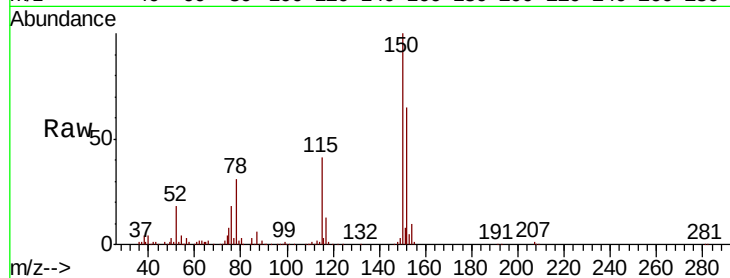


#1

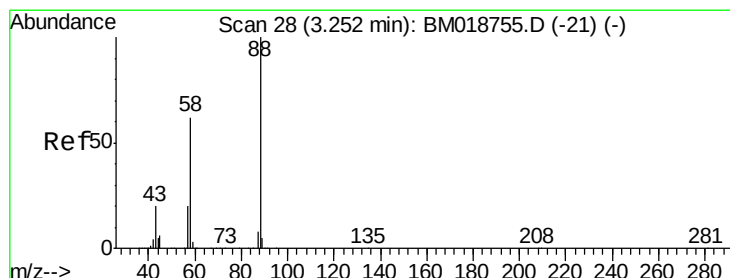
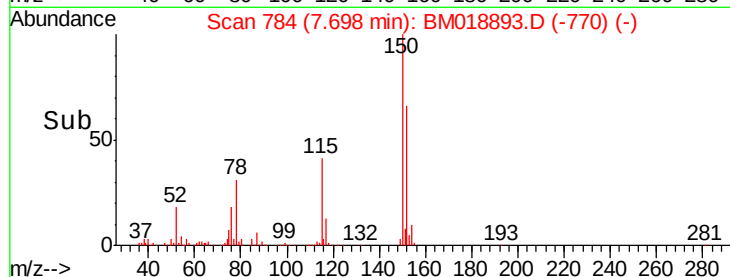
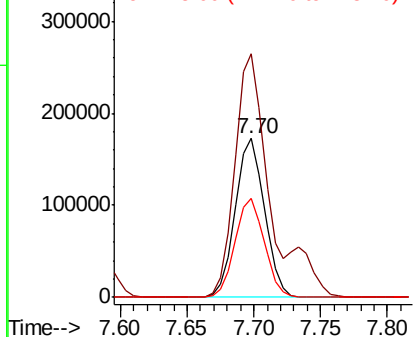
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.70 min Scan# 784  
Delta R.T. -0.02 min  
Lab File: BM018893.D  
Acq: 21 Feb 2019 13:31

Instrument :  
BNA\_M  
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PB117258BS

Tgt Ion:152 Resp: 263185  
Ion Ratio Lower Upper  
152 100  
150 153.1 127.3 190.9  
115 62.6 50.8 76.2



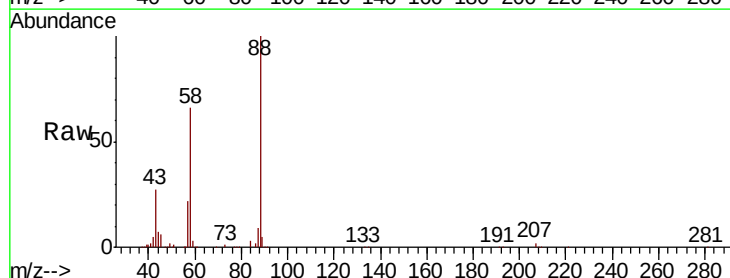
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



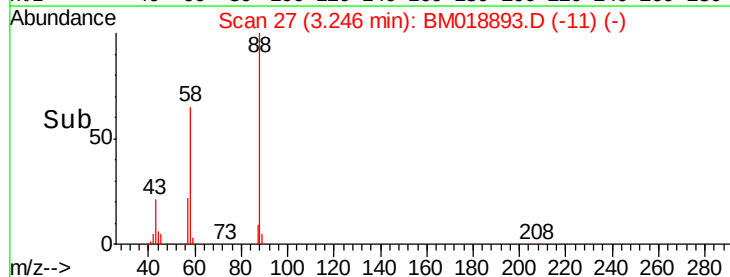
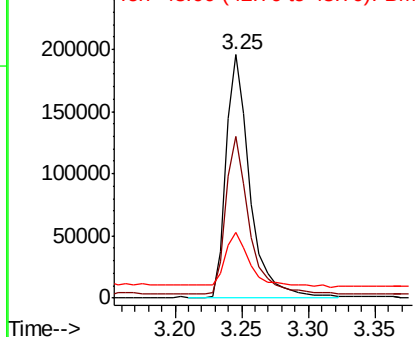
#2

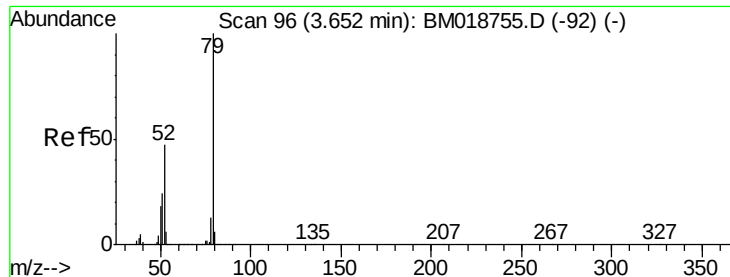
1,4-Dioxane  
Concen: 34.951 ng  
RT: 3.25 min Scan# 27  
Delta R.T. -0.01 min  
Lab File: BM018893.D  
Acq: 21 Feb 2019 13:31

Tgt Ion: 88 Resp: 244519  
Ion Ratio Lower Upper  
88 100  
58 63.9 49.8 74.6  
43 23.6 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: 38.137 ng

RT: 3.64 min Scan# 94

Delta R.T. -0.01 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

Instrument :

BNA\_M

ClientSampleId :

PB117258BS

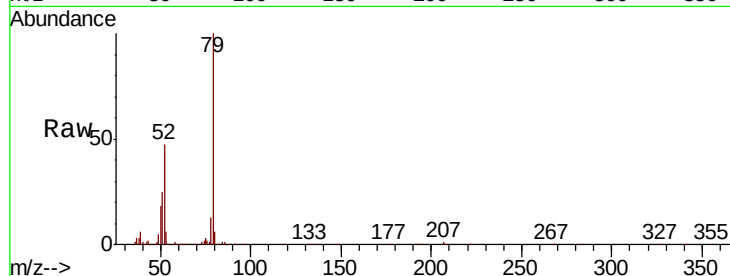
Tgt Ion: 79 Resp: 727777

Ion Ratio Lower Upper

79 100

52 46.7 37.6 56.4

51 24.7 19.7 29.5



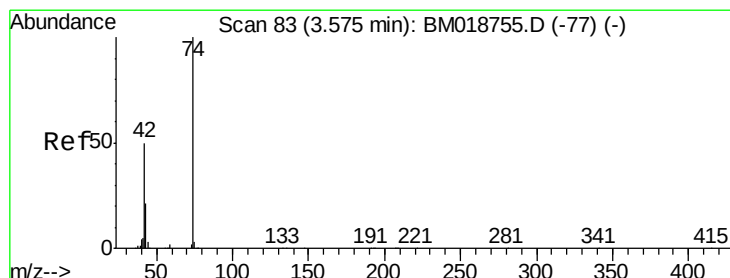
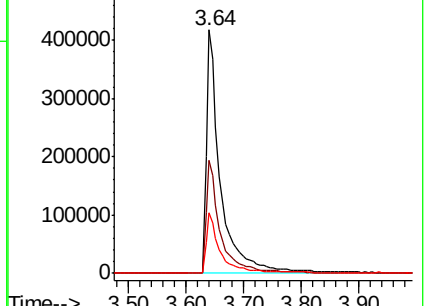
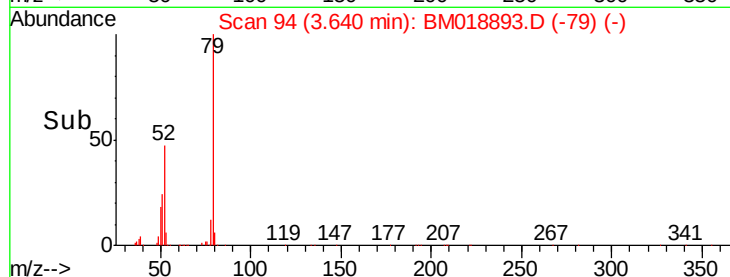
Abundance Ion 79.00 (78.70 to 79.70): BM018755.D (-92) (-)

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

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

3.64

Time-->



#4

n-Nitrosodimethylamine

Concen: 47.947 ng

RT: 3.56 min Scan# 81

Delta R.T. -0.01 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

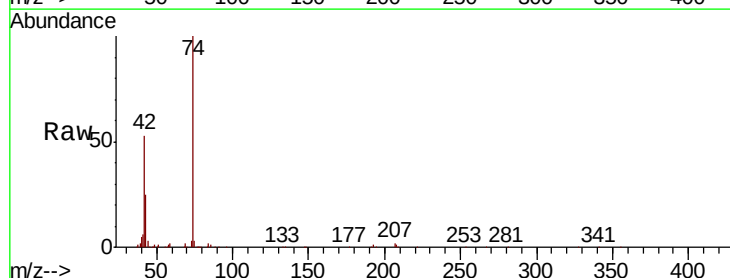
Tgt Ion: 42 Resp: 232767

Ion Ratio Lower Upper

42 100

74 187.0 158.1 237.1

44 6.1 4.9 7.3



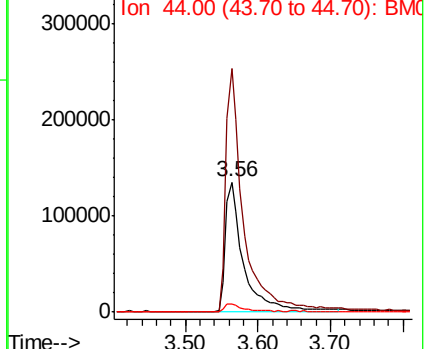
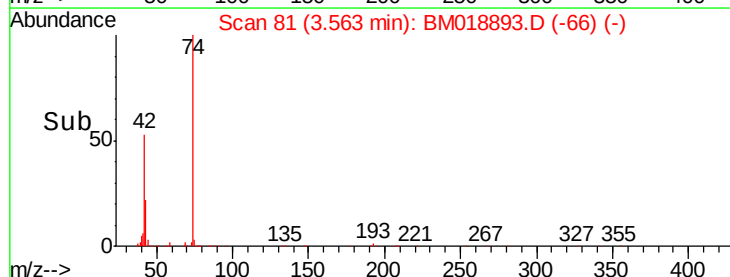
Abundance Ion 42.00 (41.70 to 42.70): BM018755.D (-77) (-)

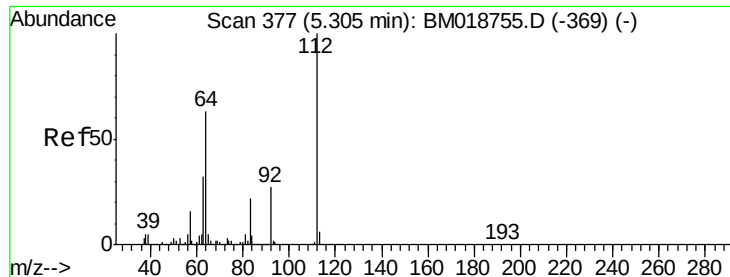
Ion 74.00 (73.70 to 74.70): BM018755.D (-77) (-)

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

3.56

Time-->





#5

2-Fluorophenol

Concen: 160.327 ng

RT: 5.29 min Scan# 375

Delta R.T. -0.01 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

Instrument :

BNA\_M

ClientSampleId :

PB117258BS

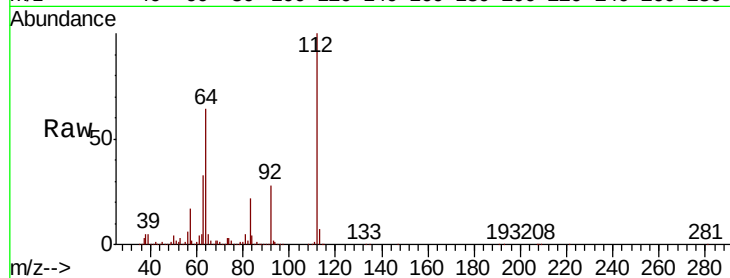
Tgt Ion: 112 Resp: 2575310

Ion Ratio Lower Upper

112 100

64 64.4 50.6 75.8

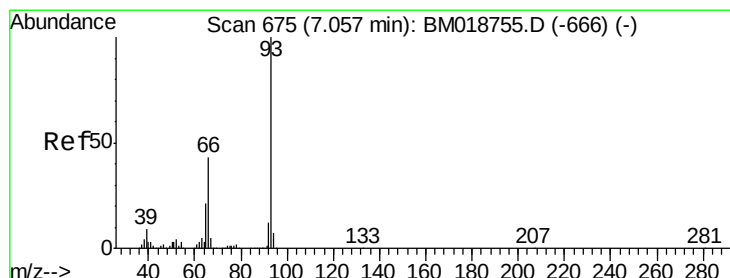
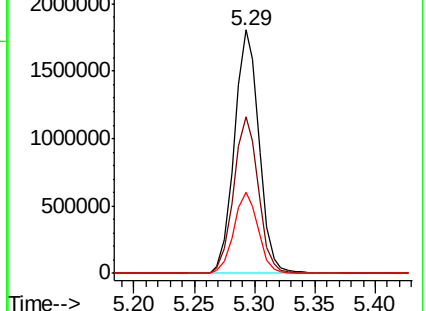
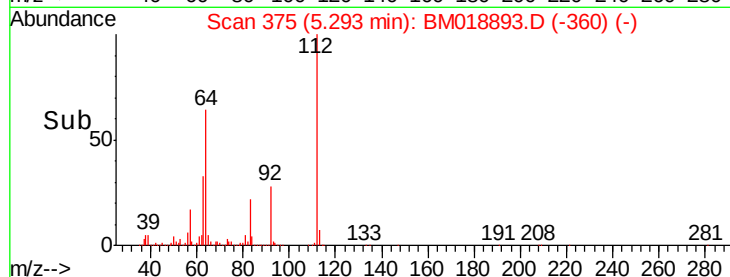
63 33.1 25.7 38.5



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: 31.551 ng

RT: 7.04 min Scan# 672

Delta R.T. -0.02 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

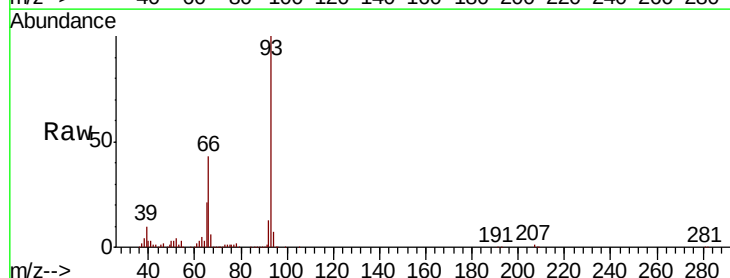
Tgt Ion: 93 Resp: 874779

Ion Ratio Lower Upper

93 100

66 42.8 34.1 51.1

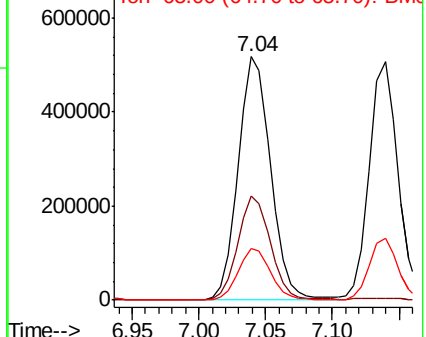
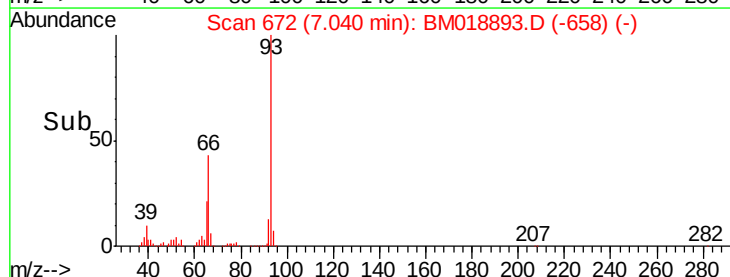
65 21.0 16.6 24.8

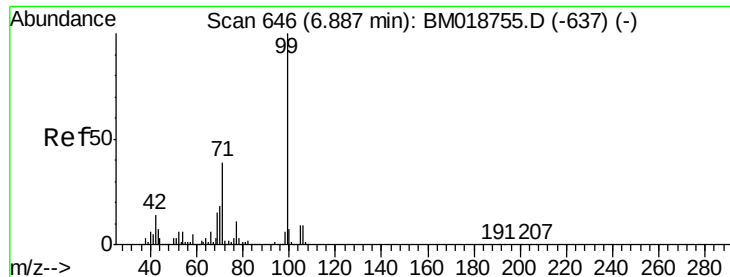


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 157.301 ng

RT: 6.88 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

Instrument :

BNA\_M

ClientSampleId :

PB117258BS

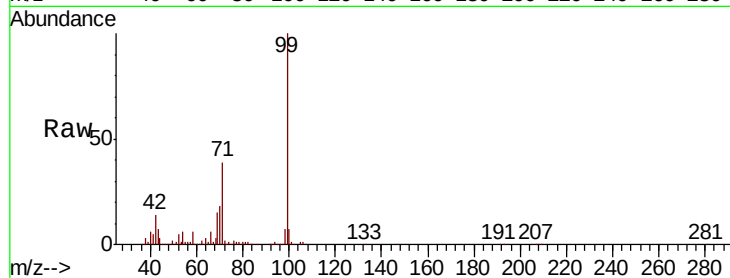
Tgt Ion: 99 Resp: 3559498

Ion Ratio Lower Upper

99 100

42 13.9 11.0 16.6

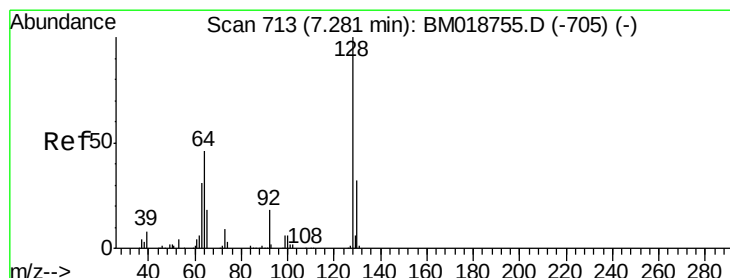
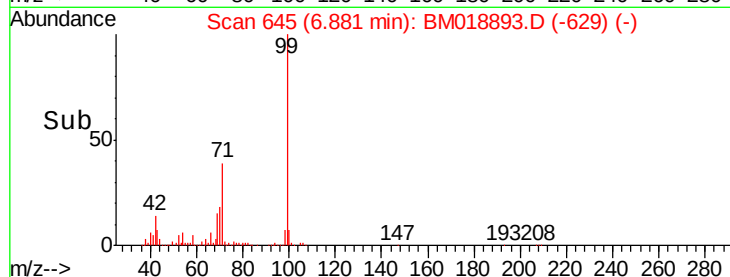
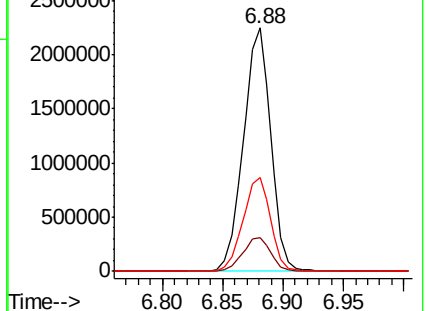
71 38.7 31.3 46.9



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

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

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



#8

2-Chlorophenol

Concen: 45.165 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.02 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

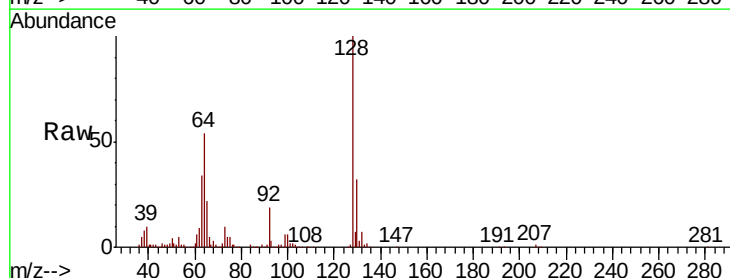
Tgt Ion: 128 Resp: 796504

Ion Ratio Lower Upper

128 100

130 32.0 11.7 51.7

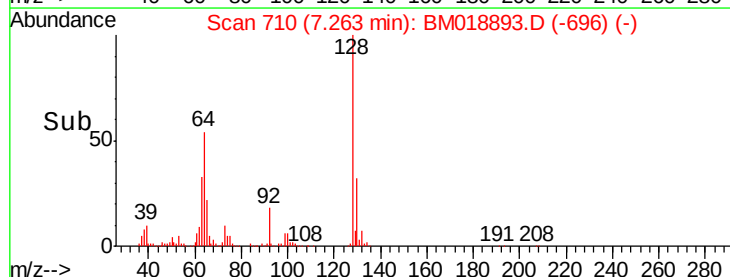
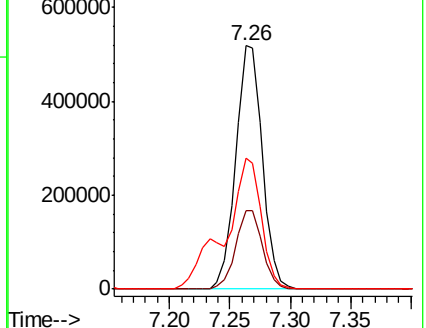
64 53.9 31.0 71.0



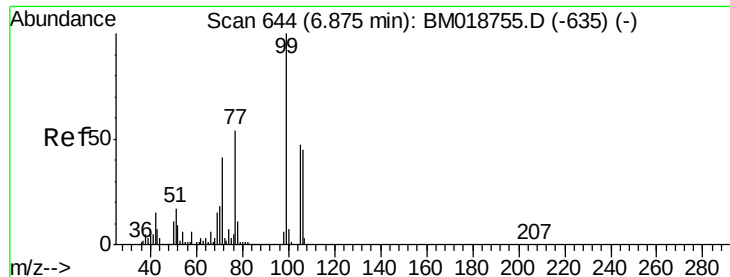
Abundance Ion 128.00 (127.70 to 128.70): BM018755.D (-705) (-)

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

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







#9

Benzaldehyde

Concen: 23.165 ng

RT: 6.86 min Scan# 641

Delta R.T. -0.02 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

Instrument :

BNA\_M

ClientSampleId :

PB117258BS

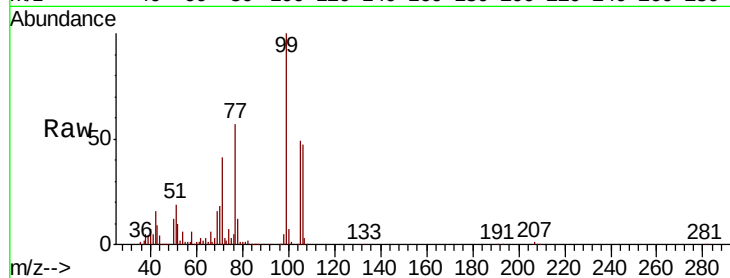
Tgt Ion: 77 Resp: 323873

Ion Ratio Lower Upper

77 100

105 85.6 67.3 107.3

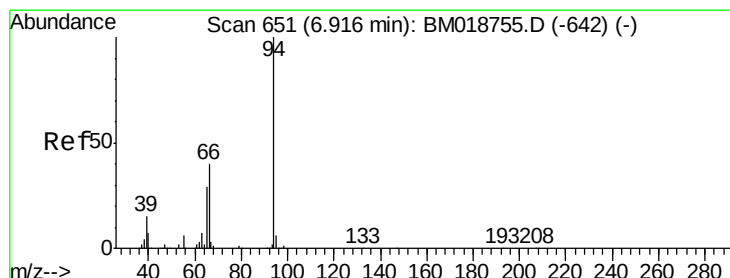
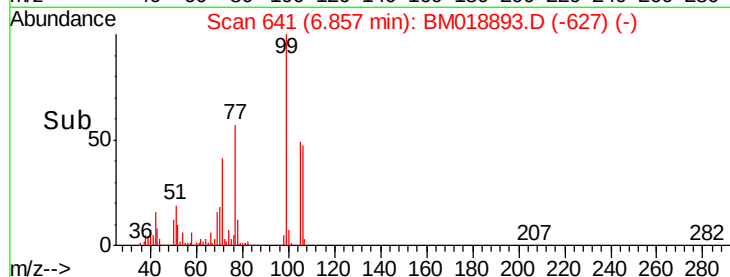
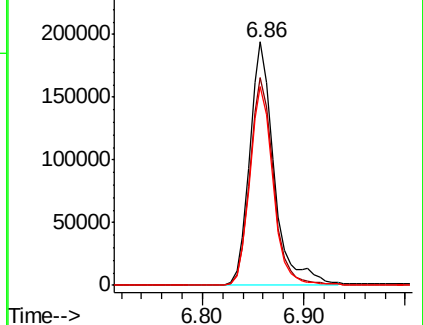
106 81.6 62.9 102.9



Abundance Ion 77.00 (76.70 to 77.70): BM018893.D (-627) (-)

Ion 105.00 (104.70 to 105.70): BM018893.D (-627) (-)

Ion 106.00 (105.70 to 106.70): BM018893.D (-627) (-)



#10

Phenol

Concen: 45.510 ng

RT: 6.90 min Scan# 649

Delta R.T. -0.01 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

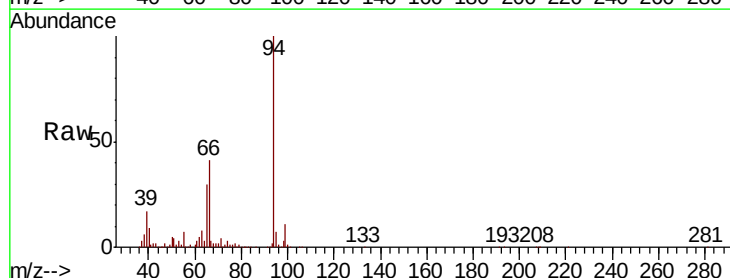
Tgt Ion: 94 Resp: 1083575

Ion Ratio Lower Upper

94 100

65 30.3 9.6 49.6

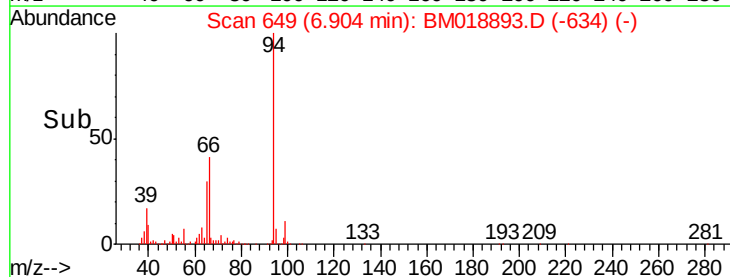
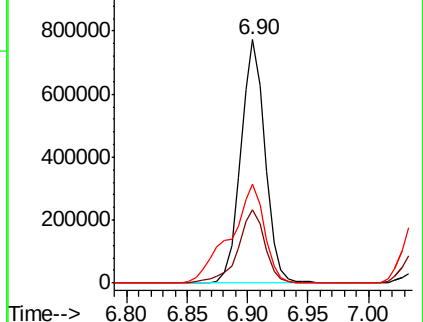
66 40.6 20.4 60.4



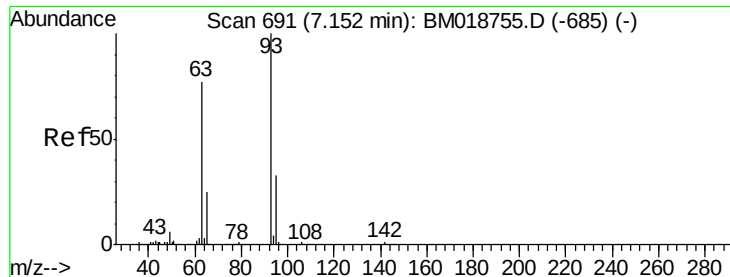
Abundance Ion 94.00 (93.70 to 94.70): BM018893.D (-634) (-)

Ion 65.00 (64.70 to 65.70): BM018893.D (-634) (-)

Ion 66.00 (65.70 to 66.70): BM018893.D (-634) (-)



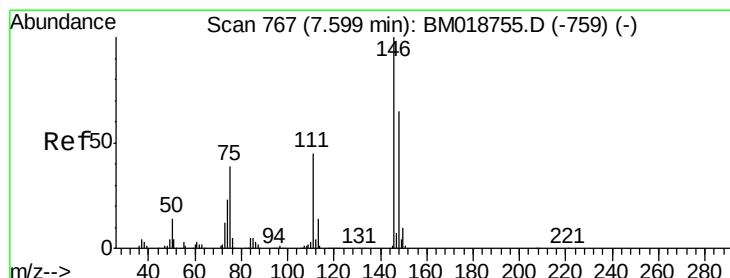
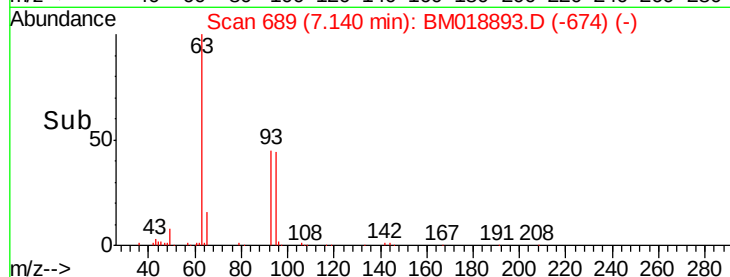
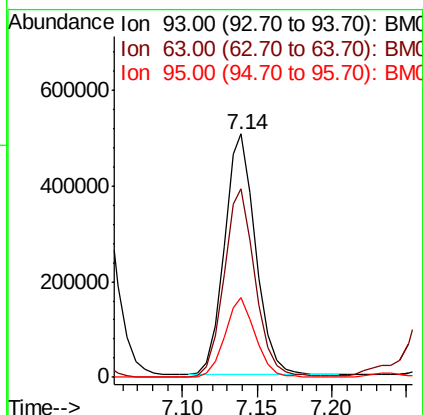
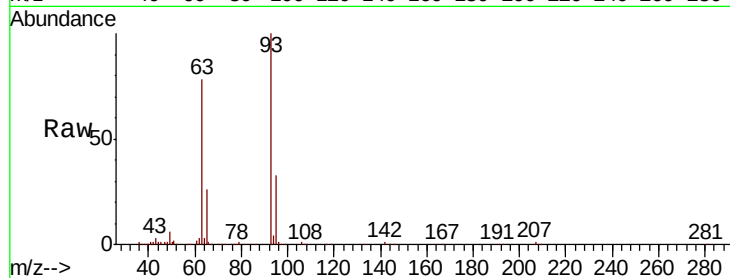




#11  
bis(2-Chloroethyl)ether  
Concen: 40.491 ng  
RT: 7.14 min Scan# 689  
Delta R.T. -0.01 min  
Lab File: BM018893.D  
Acq: 21 Feb 2019 13:31

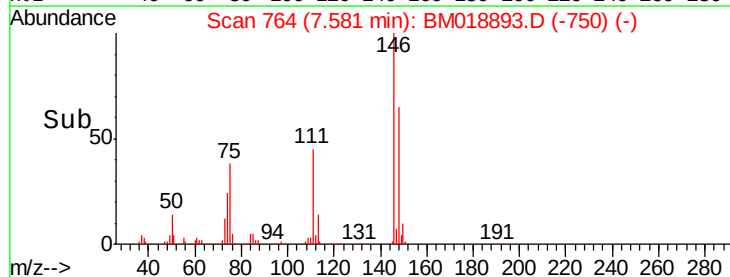
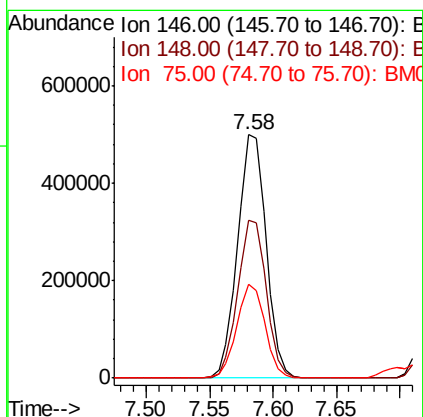
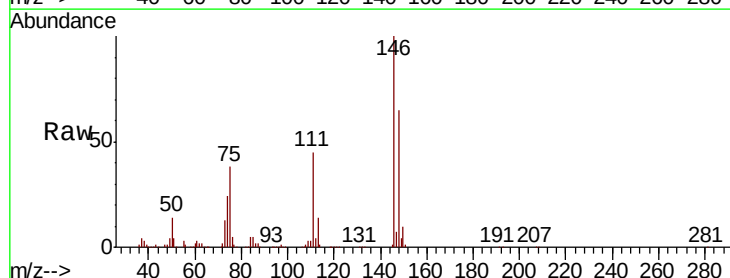
Instrument :  
BNA\_M  
ClientSampleId :  
PB117258BS

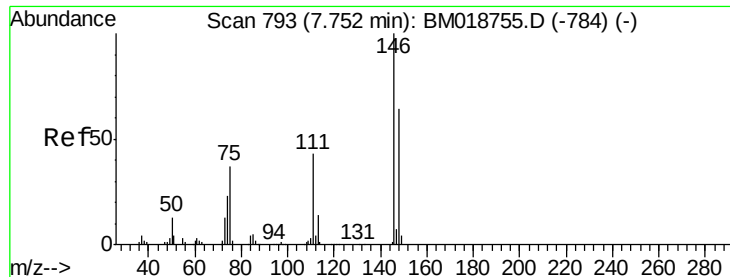
Tgt Ion: 93 Resp: 735415  
Ion Ratio Lower Upper  
93 100  
63 77.6 57.0 97.0  
95 32.6 12.4 52.4



#12  
1,3-Dichlorobenzene  
Concen: 39.410 ng  
RT: 7.58 min Scan# 764  
Delta R.T. -0.02 min  
Lab File: BM018893.D  
Acq: 21 Feb 2019 13:31

Tgt Ion: 146 Resp: 781509  
Ion Ratio Lower Upper  
146 100  
148 64.9 51.7 77.5  
75 38.3 31.3 46.9

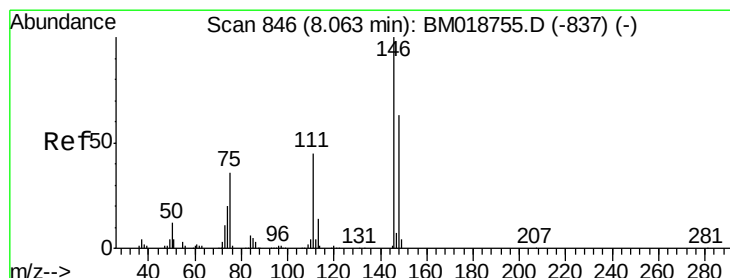
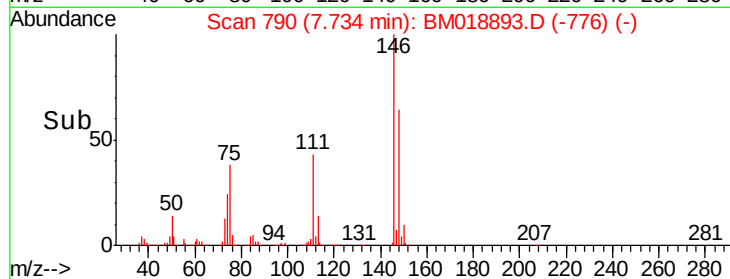
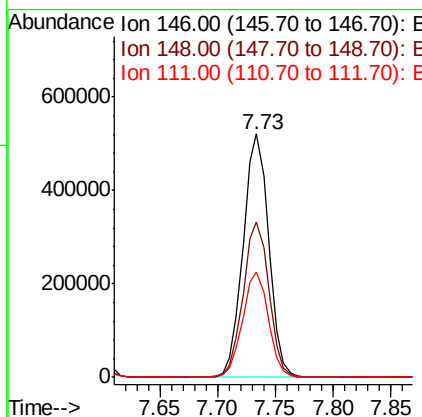
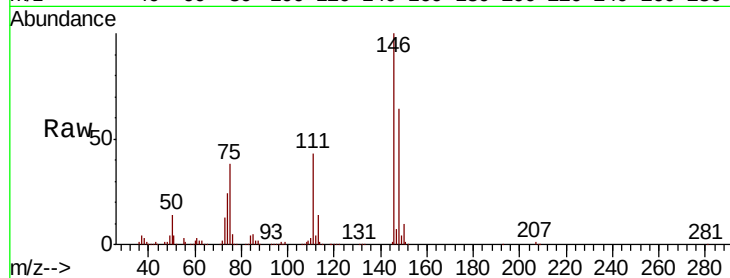




#13  
 1,4-Dichlorobenzene  
 Concen: 39.808 ng  
 RT: 7.73 min Scan# 790  
 Delta R.T. -0.02 min  
 Lab File: BM018893.D  
 Acq: 21 Feb 2019 13:31

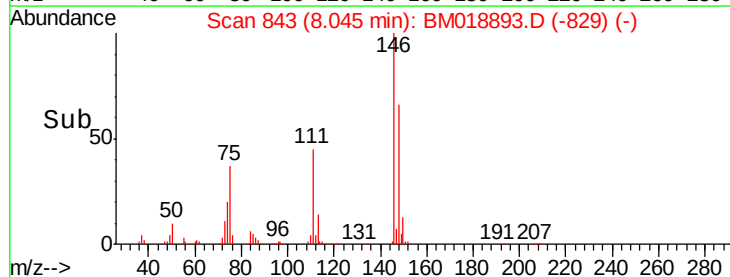
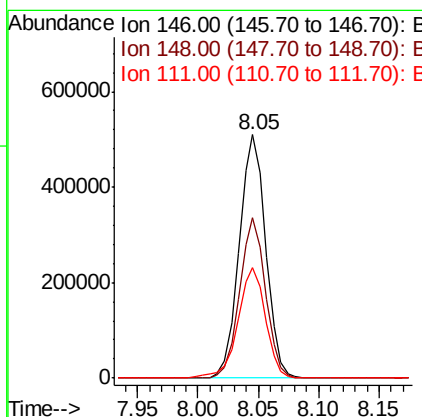
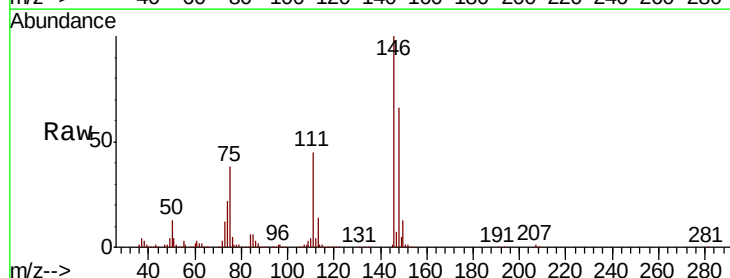
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB117258BS

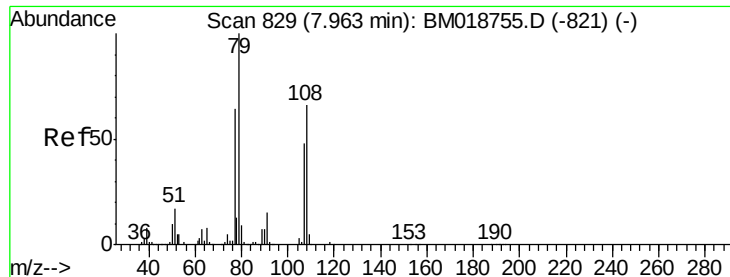
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.0  | 51.4  | 77.2  |
| 111     | 43.2  | 34.6  | 52.0  |



#14  
 1,2-Dichlorobenzene  
 Concen: 40.121 ng  
 RT: 8.05 min Scan# 843  
 Delta R.T. -0.02 min  
 Lab File: BM018893.D  
 Acq: 21 Feb 2019 13:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.8  | 50.7  | 76.1  |
| 111     | 45.2  | 35.9  | 53.9  |

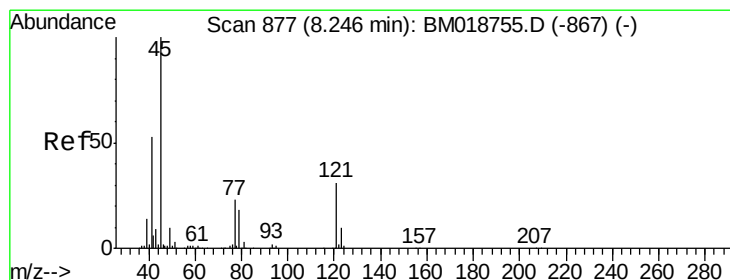
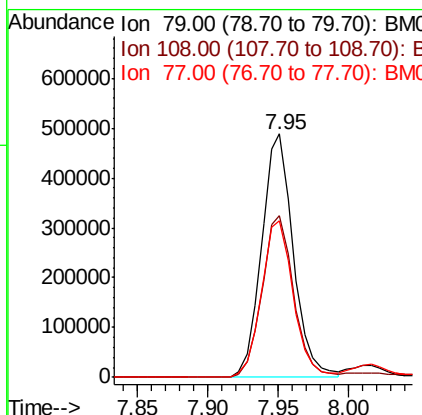
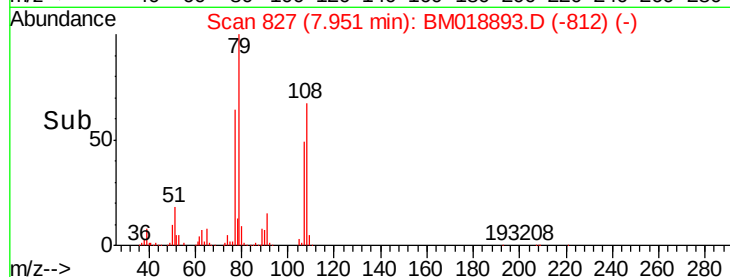
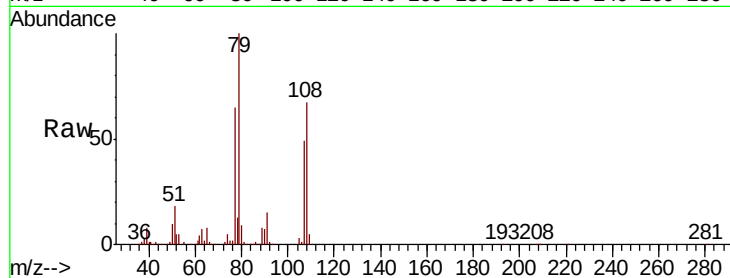




#15  
Benzyl Alcohol  
Concen: 42.912 ng  
RT: 7.95 min Scan# 827  
Delta R.T. -0.01 min  
Lab File: BM018893.D  
Acq: 21 Feb 2019 13:31

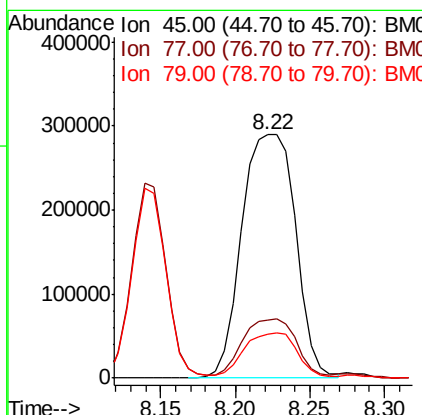
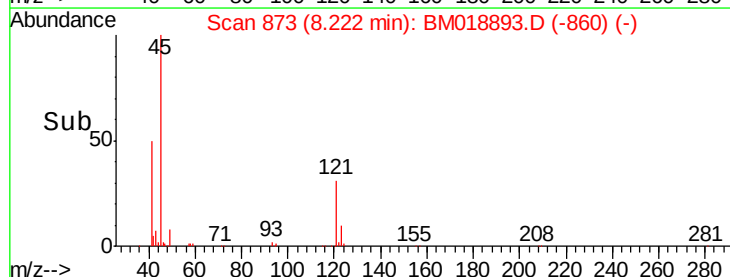
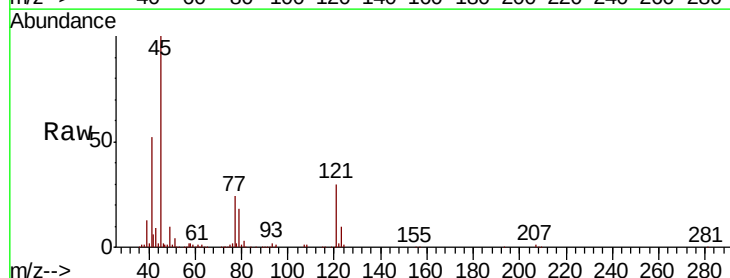
Instrument :  
BNA\_M  
ClientSampleId :  
PB117258BS

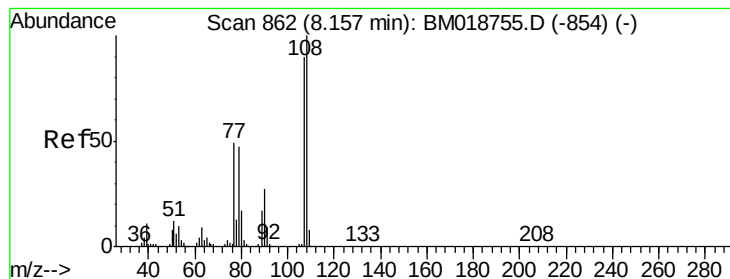
Tgt Ion: 79 Resp: 771561  
Ion Ratio Lower Upper  
79 100  
108 66.6 52.7 79.1  
77 64.5 51.0 76.4



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 41.129 ng  
RT: 8.22 min Scan# 873  
Delta R.T. -0.02 min  
Lab File: BM018893.D  
Acq: 21 Feb 2019 13:31

Tgt Ion: 45 Resp: 722994  
Ion Ratio Lower Upper  
45 100  
77 23.8 5.0 45.0  
79 18.1 0.0 39.3





#17

2-Methylphenol

Concen: 45.027 ng

RT: 8.15 min Scan# 860

Delta R.T. -0.01 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

Instrument :

BNA\_M

ClientSampleId :

PB117258BS

Tgt Ion:107 Resp: 682343

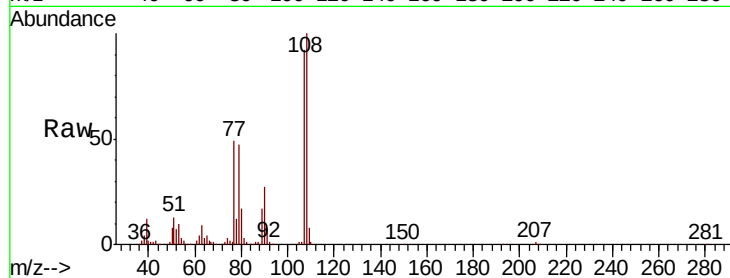
Ion Ratio Lower Upper

107 100

108 108.3 88.8 133.2

77 52.7 44.0 66.0

79 50.8 42.4 63.6

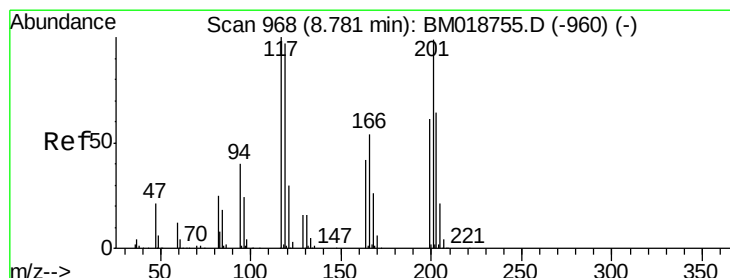
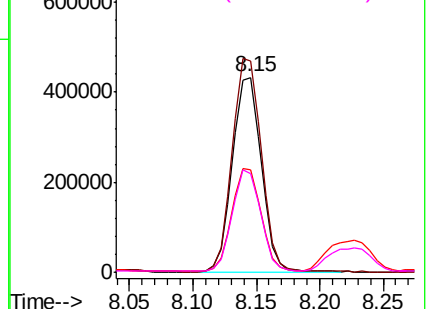
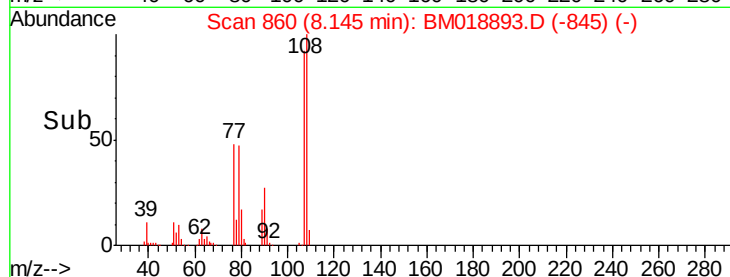


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 39.975 ng

RT: 8.76 min Scan# 964

Delta R.T. -0.02 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

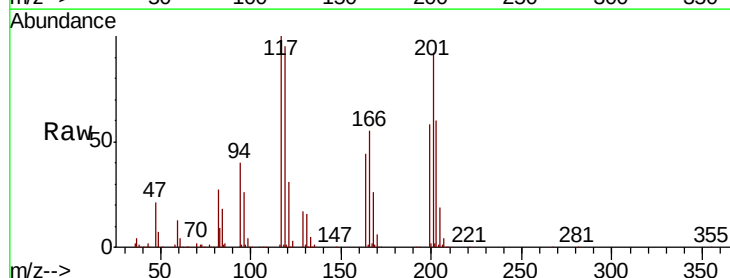
Tgt Ion:117 Resp: 294600

Ion Ratio Lower Upper

117 100

119 95.5 77.9 116.9

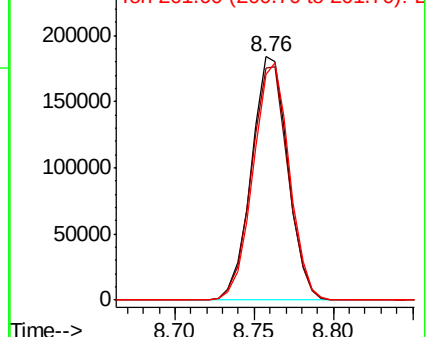
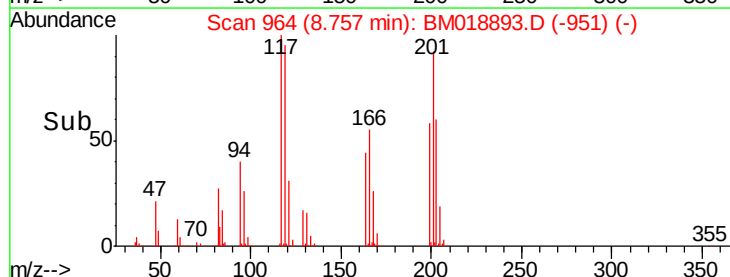
201 92.5 79.2 118.8

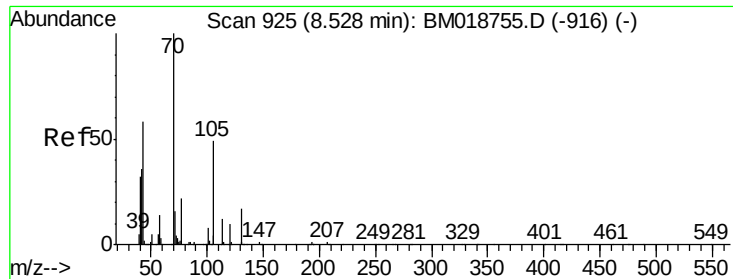


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

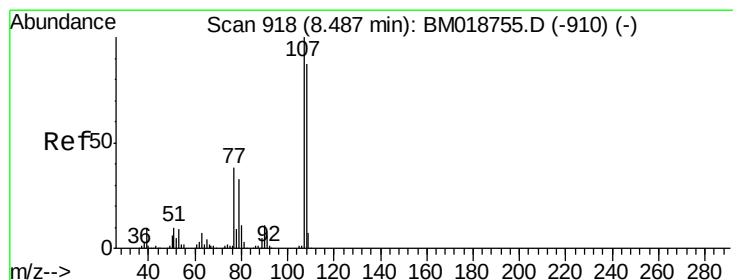
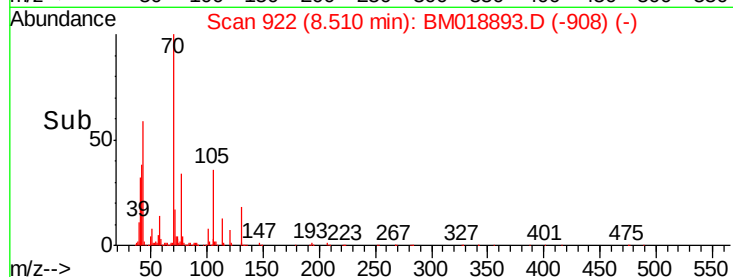
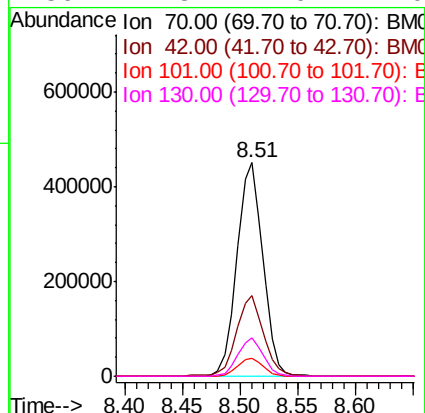
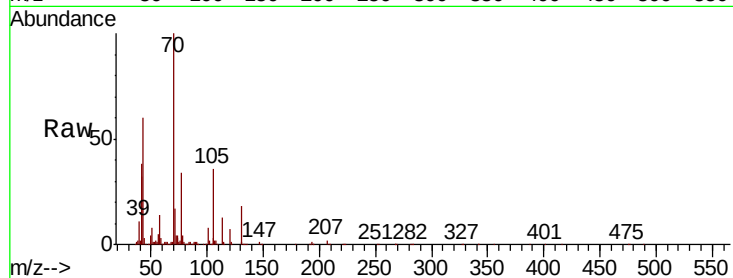




#19  
n-Nitroso-di-n-propylamine  
Concen: 40.103 ng  
RT: 8.51 min Scan# 922  
Delta R.T. -0.02 min  
Lab File: BM018893.D  
Acq: 21 Feb 2019 13:31

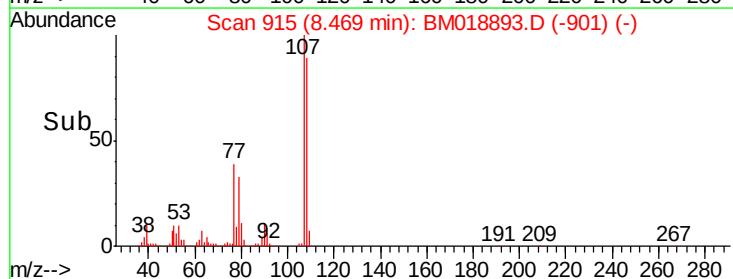
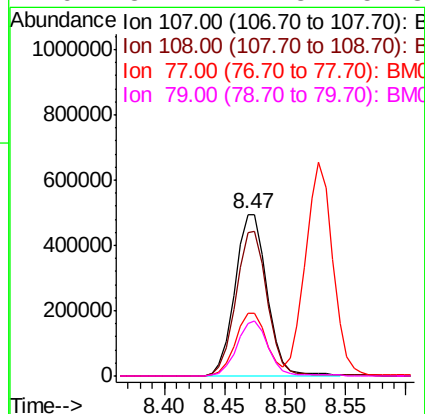
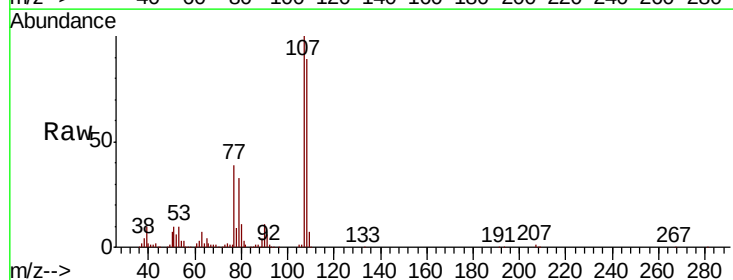
Instrument :  
BNA\_M  
ClientSampleId :  
PB117258BS

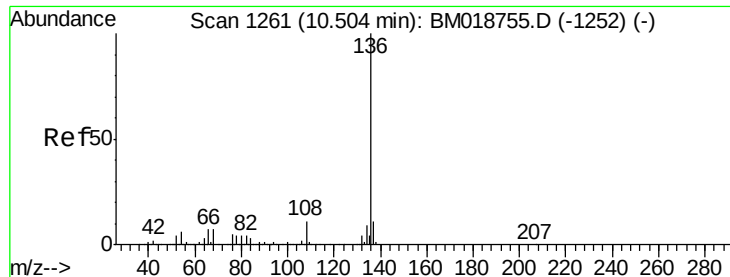
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 702638 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 38.0  | 29.4  | 44.0   |
| 101      | 8.5   | 6.7   | 10.1   |
| 130      | 17.8  | 14.0  | 21.0   |



#20  
3+4-Methylphenols  
Concen: 43.983 ng  
RT: 8.47 min Scan# 915  
Delta R.T. -0.02 min  
Lab File: BM018893.D  
Acq: 21 Feb 2019 13:31

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 920367 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 88.8  | 67.3  | 107.3  |
| 77       | 38.7  | 18.0  | 58.0   |
| 79       | 32.7  | 12.8  | 52.8   |

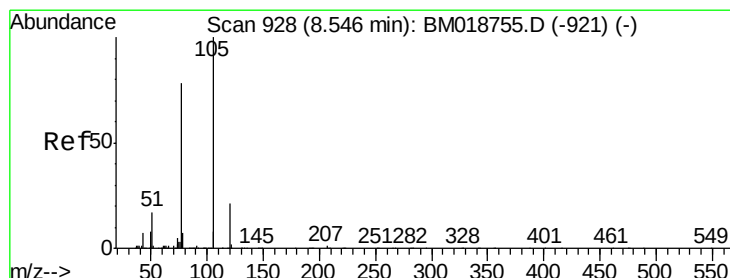
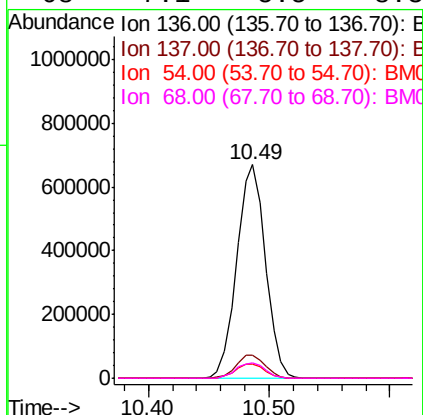
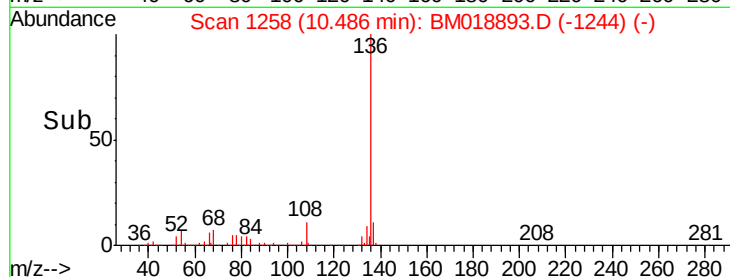
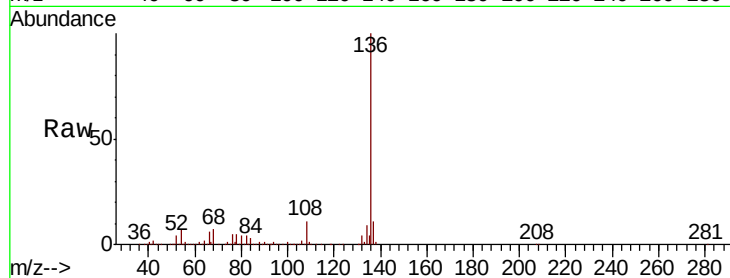




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.49 min Scan# 1258  
Delta R.T. -0.02 min  
Lab File: BM018893.D  
Acq: 21 Feb 2019 13:31

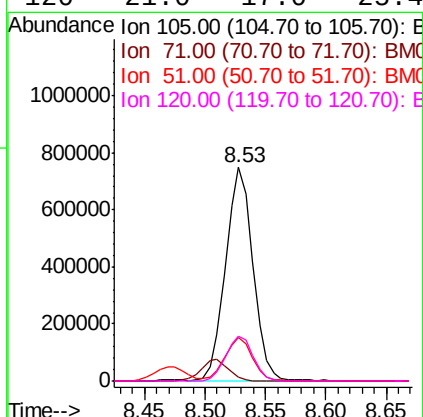
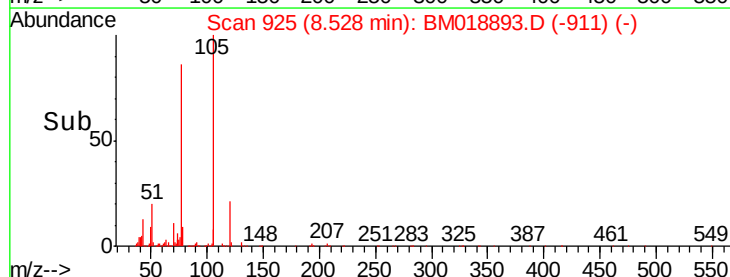
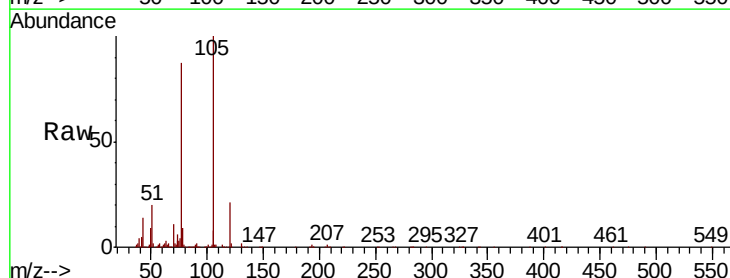
Instrument :  
BNA\_M  
ClientSampleId :  
PB117258BS

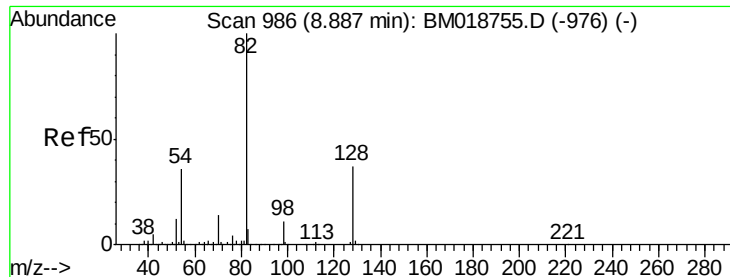
|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 136   | Resp: | 1110567 |
| Ion      | Ratio | Lower | Upper   |
| 136      | 100   |       |         |
| 137      | 10.9  | 8.8   | 13.2    |
| 54       | 6.9   | 5.0   | 7.6     |
| 68       | 7.1   | 5.5   | 8.3     |



#22  
Acetophenone  
Concen: 38.208 ng  
RT: 8.53 min Scan# 925  
Delta R.T. -0.02 min  
Lab File: BM018893.D  
Acq: 21 Feb 2019 13:31

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 105   | Resp: | 1165282 |
| Ion      | Ratio | Lower | Upper   |
| 105      | 100   |       |         |
| 71       | 1.8   | 1.1   | 1.7#    |
| 51       | 20.1  | 15.5  | 23.3    |
| 120      | 21.0  | 17.0  | 25.4    |

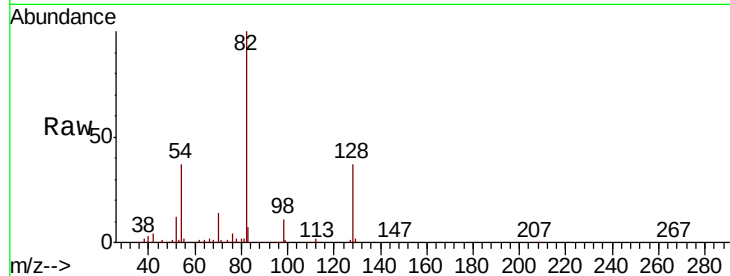




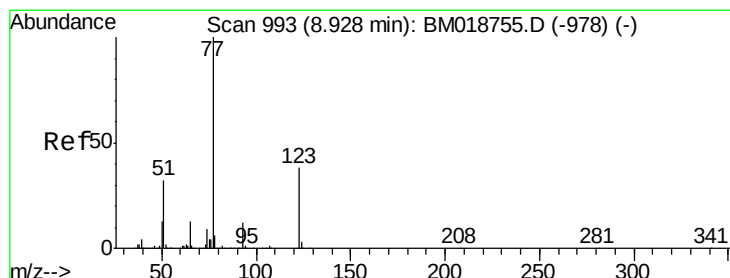
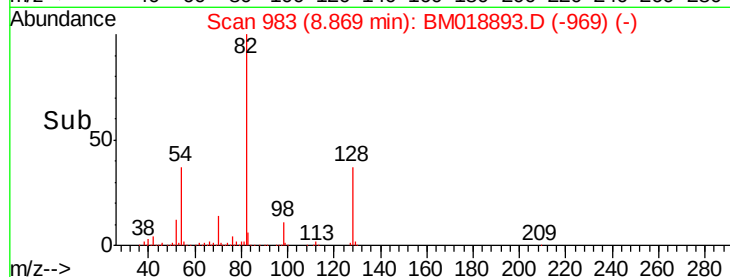
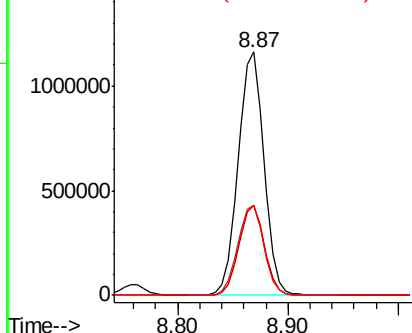
#23  
 Nitrobenzene-d5  
 Concen: 79.807 ng  
 RT: 8.87 min Scan# 983  
 Delta R.T. -0.02 min  
 Lab File: BM018893.D  
 Acq: 21 Feb 2019 13:31

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB117258BS

Tgt Ion: 82 Resp: 1916814  
 Ion Ratio Lower Upper  
 82 100  
 128 36.8 29.9 44.9  
 54 36.7 29.1 43.7

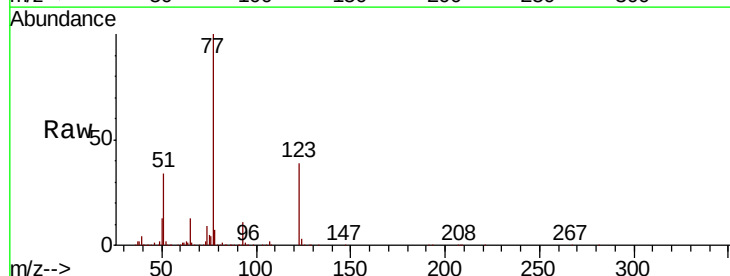


Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-976) (-)  
 Ion 128.00 (127.70 to 128.70): BM018755.D (-976) (-)  
 Ion 54.00 (53.70 to 54.70): BM018755.D (-976) (-)

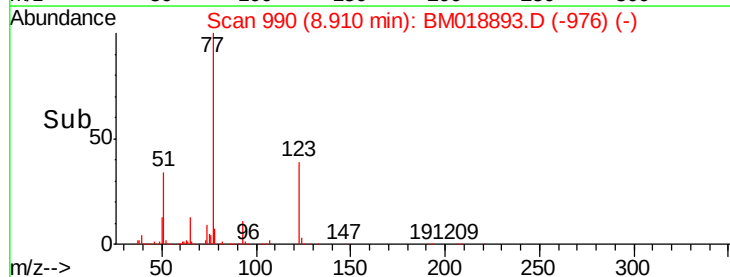
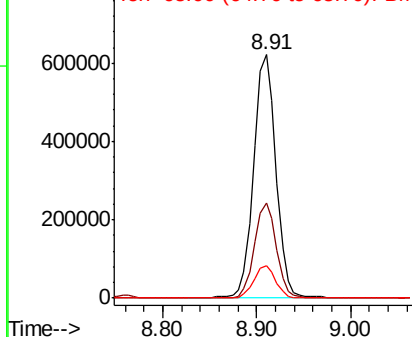


#24  
 Nitrobenzene  
 Concen: 40.775 ng  
 RT: 8.91 min Scan# 990  
 Delta R.T. -0.02 min  
 Lab File: BM018893.D  
 Acq: 21 Feb 2019 13:31

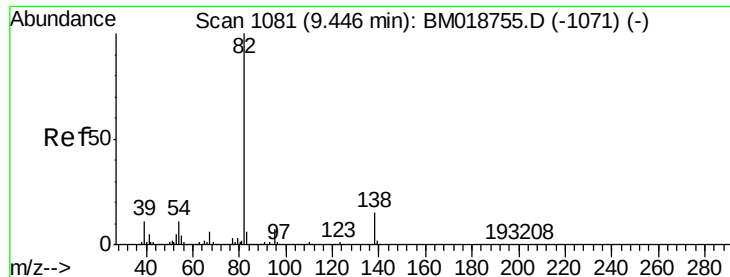
Tgt Ion: 77 Resp: 1016567  
 Ion Ratio Lower Upper  
 77 100  
 123 39.3 30.7 46.1  
 65 13.4 10.5 15.7



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







#25

Isophorone

Concen: 45.612 ng

RT: 9.43 min Scan# 1078

Delta R.T. -0.02 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

Instrument :

BNA\_M

ClientSampleId :

PB117258BS

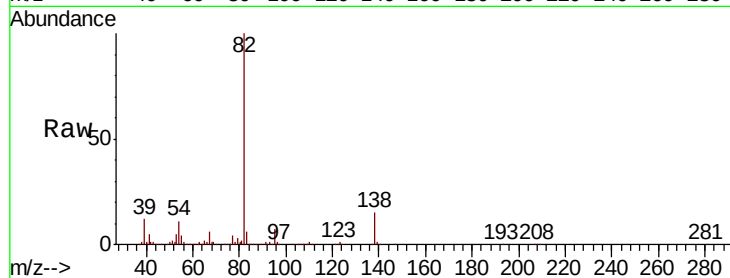
Tgt Ion: 82 Resp: 1747991

Ion Ratio Lower Upper

82 100

95 7.0 5.7 8.5

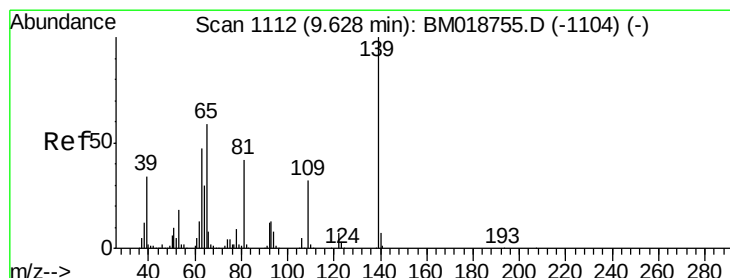
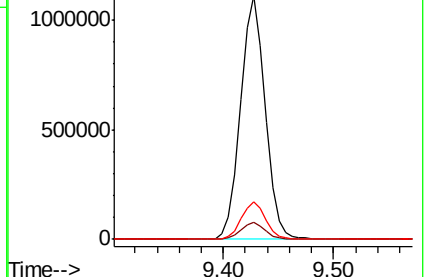
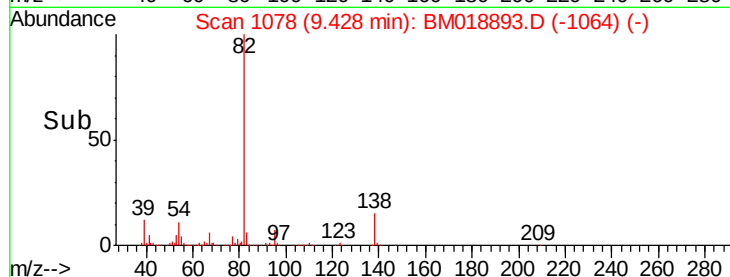
138 15.4 12.3 18.5



Abundance Ion 82.00 (81.70 to 82.70): BM018893.D (-1064) (-)

Ion 95.00 (94.70 to 95.70): BM018893.D (-1064) (-)

Ion 138.00 (137.70 to 138.70): BM018893.D (-1064) (-)



#26

2-Nitrophenol

Concen: 41.938 ng

RT: 9.61 min Scan# 1109

Delta R.T. -0.02 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

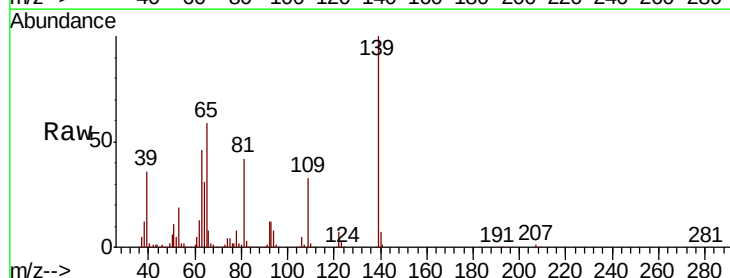
Tgt Ion: 139 Resp: 416378

Ion Ratio Lower Upper

139 100

109 32.7 25.2 37.8

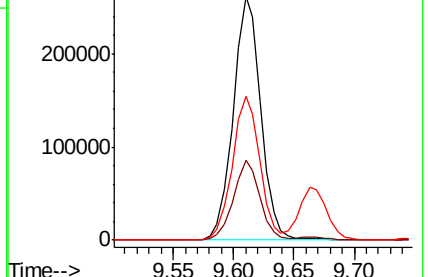
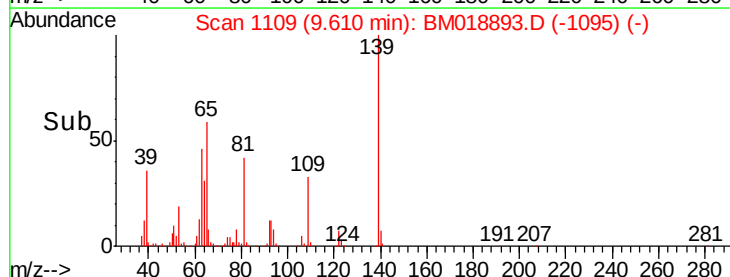
65 59.2 47.0 70.4

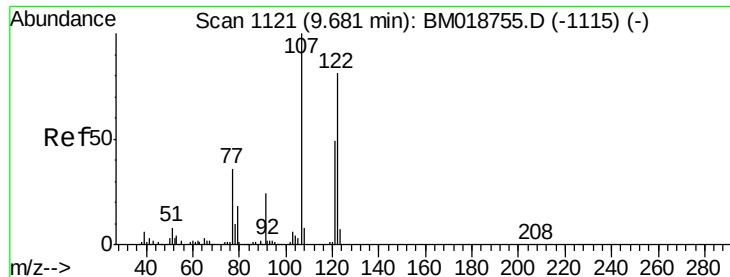


Abundance Ion 139.00 (138.70 to 139.70): BM018893.D (-1095) (-)

Ion 109.00 (108.70 to 109.70): BM018893.D (-1095) (-)

Ion 65.00 (64.70 to 65.70): BM018893.D (-1095) (-)

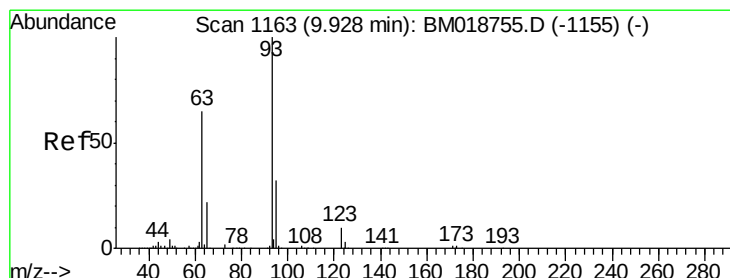
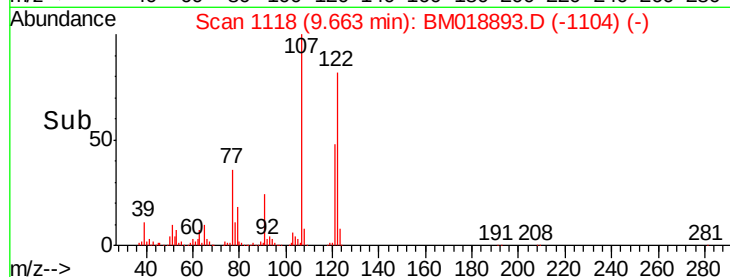
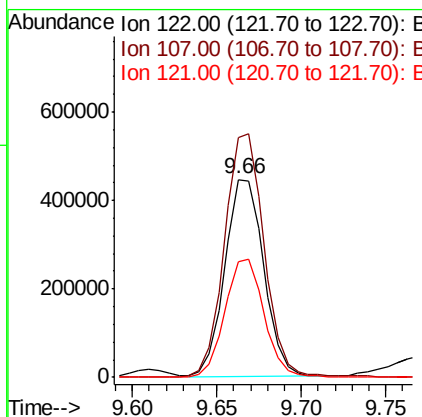
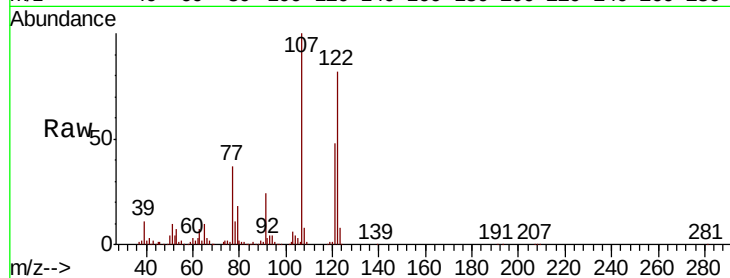




#27  
2,4-Dimethylphenol  
Concen: 49.026 ng  
RT: 9.66 min Scan# 1118  
Delta R.T. -0.02 min  
Lab File: BM018893.D  
Acq: 21 Feb 2019 13:31

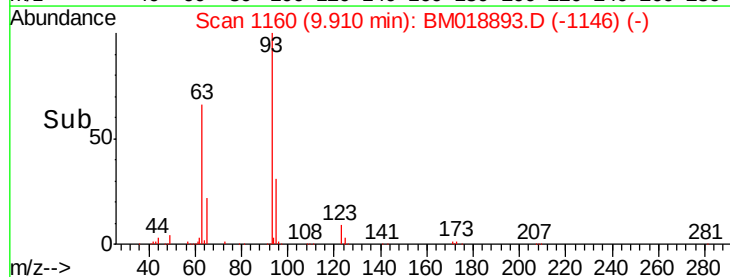
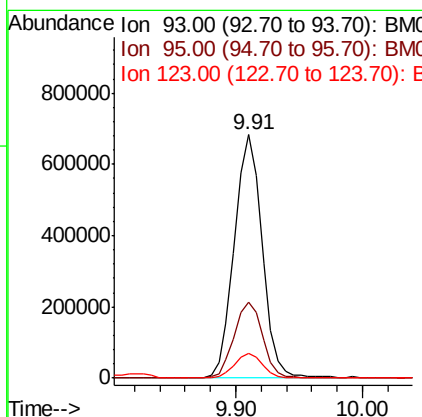
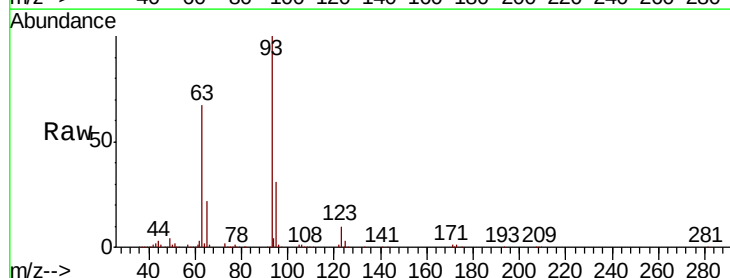
Instrument :  
BNA\_M  
ClientSampleId :  
PB117258BS

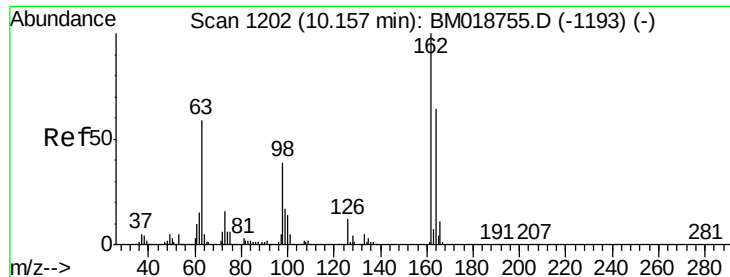
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 121.3 | 97.6  | 146.4 |
| 121     | 58.3  | 47.9  | 71.9  |



#28  
bis(2-Chloroethoxy)methane  
Concen: 42.011 ng  
RT: 9.91 min Scan# 1160  
Delta R.T. -0.02 min  
Lab File: BM018893.D  
Acq: 21 Feb 2019 13:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 31.5  | 25.6  | 38.4  |
| 123     | 10.4  | 8.2   | 12.4  |

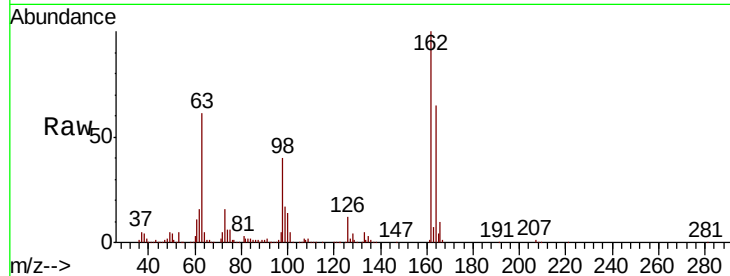




#29  
 2,4-Dichlorophenol  
 Concen: 43.852 ng  
 RT: 10.14 min Scan# 1199  
 Delta R.T. -0.02 min  
 Lab File: BM018893.D  
 Acq: 21 Feb 2019 13:31

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB117258BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.9  | 44.1  | 84.1  |
| 98      | 39.7  | 19.4  | 59.4  |

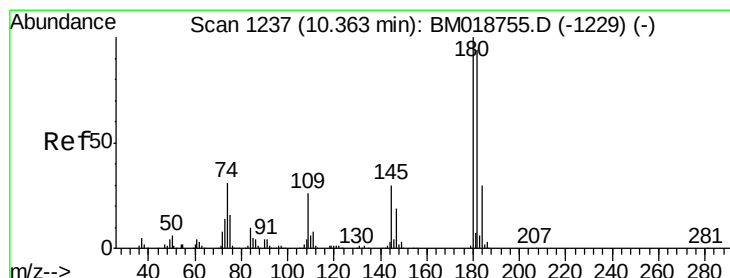
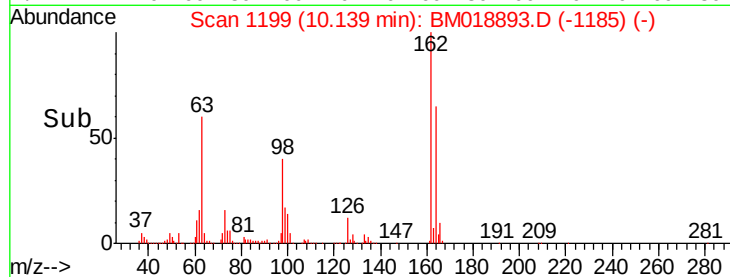
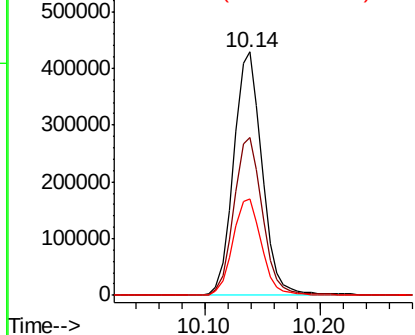


Abundance

Ion 162.00 (161.70 to 162.70): E

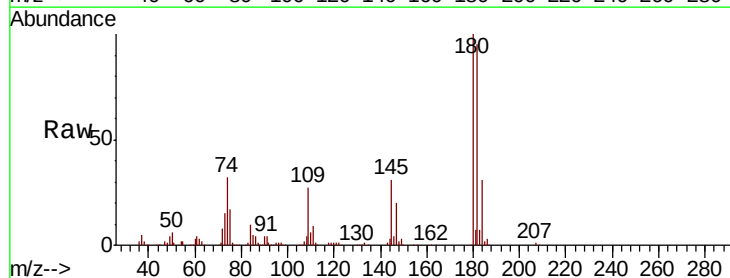
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30  
 1,2,4-Trichlorobenzene  
 Concen: 39.355 ng  
 RT: 10.35 min Scan# 1234  
 Delta R.T. -0.02 min  
 Lab File: BM018893.D  
 Acq: 21 Feb 2019 13:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.2  | 75.0  | 112.6 |
| 145     | 31.1  | 24.1  | 36.1  |

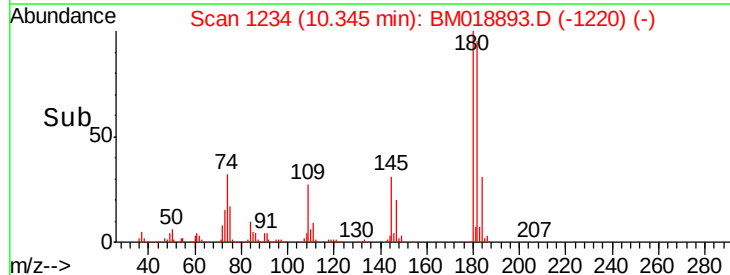
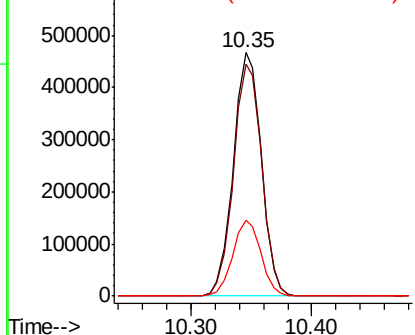


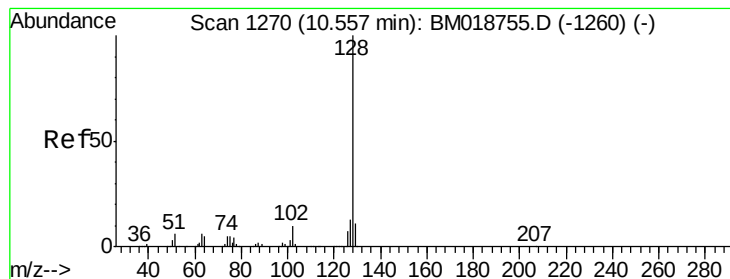
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.206 ng

RT: 10.53 min Scan# 1266

Delta R.T. -0.02 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

Instrument :

BNA\_M

ClientSampleId :

PB117258BS

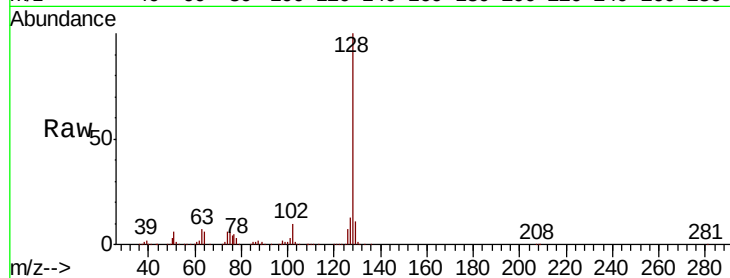
Tgt Ion:128 Resp: 2340198

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.4

127 13.1 10.7 16.1

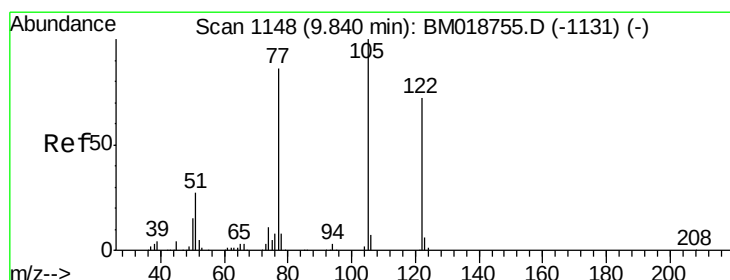
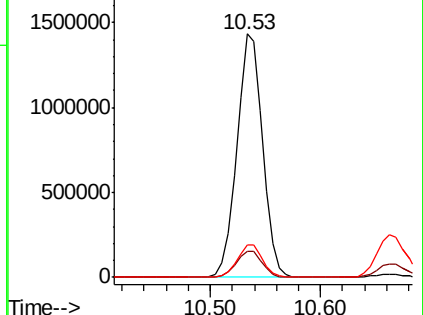
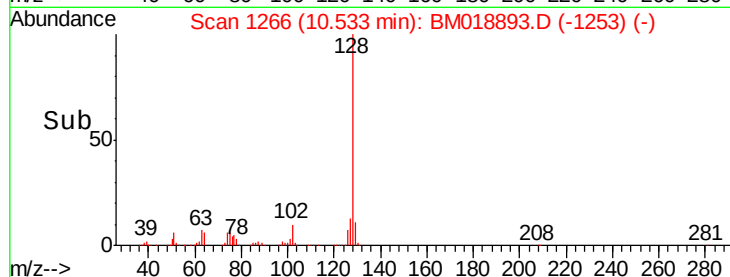


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 35.826 ng

RT: 9.83 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

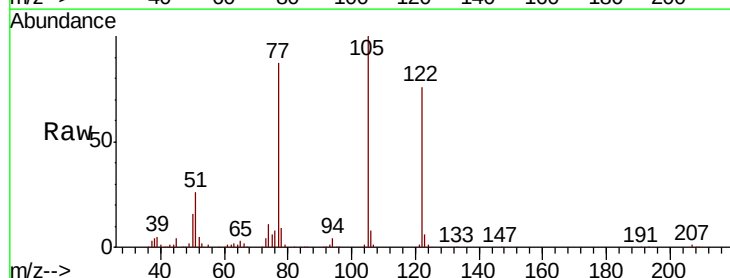
Tgt Ion:122 Resp: 453177

Ion Ratio Lower Upper

122 100

105 131.2 117.5 157.5

77 114.4 98.5 138.5

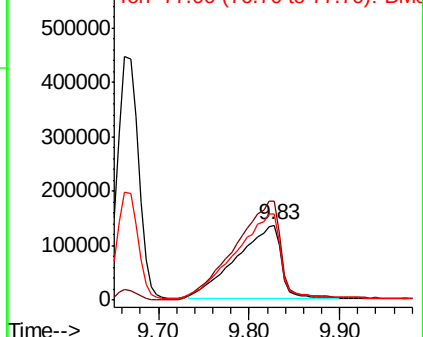
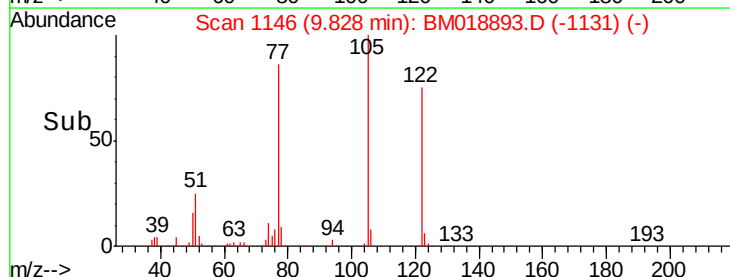


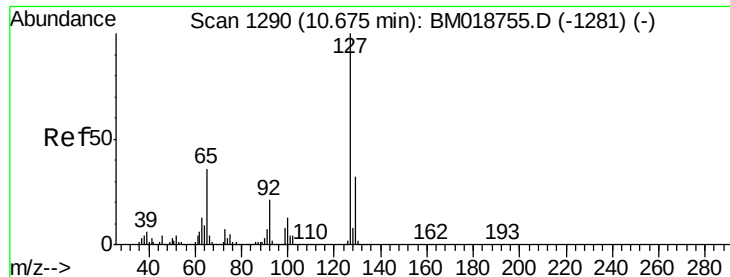
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E

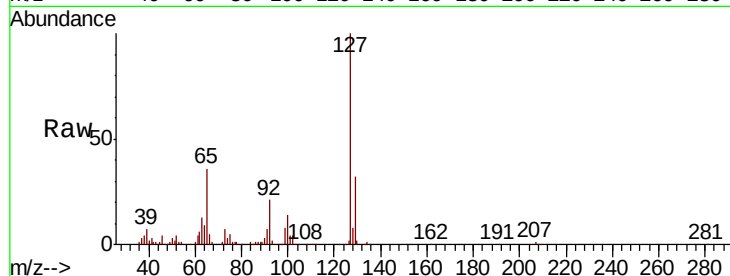




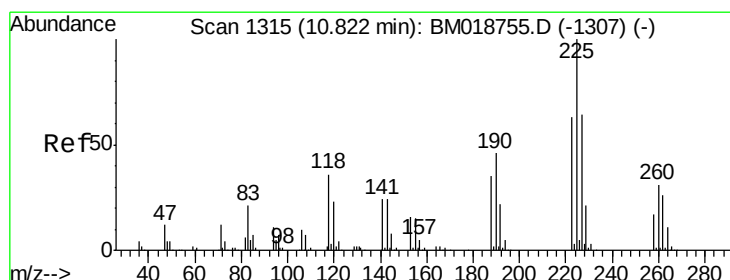
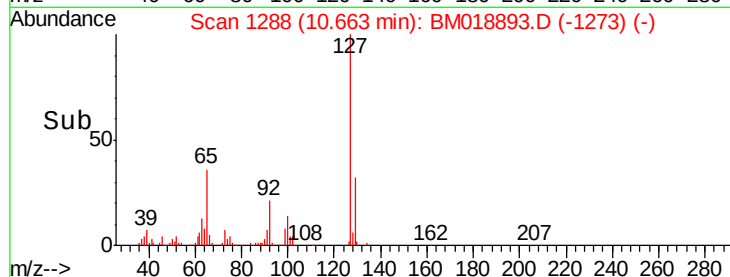
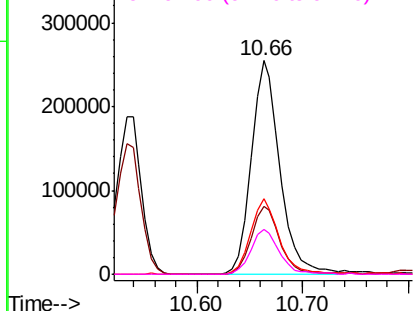
#33  
4-Chloroaniline  
Concen: 19.811 ng  
RT: 10.66 min Scan# 1288  
Delta R.T. -0.01 min  
Lab File: BM018893.D  
Acq: 21 Feb 2019 13:31

Instrument :  
BNA\_M  
ClientSampleId :  
PB117258BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 479667 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.9  | 25.7  | 38.5   |
| 65       | 35.6  | 28.7  | 43.1   |
| 92       | 21.0  | 17.0  | 25.4   |

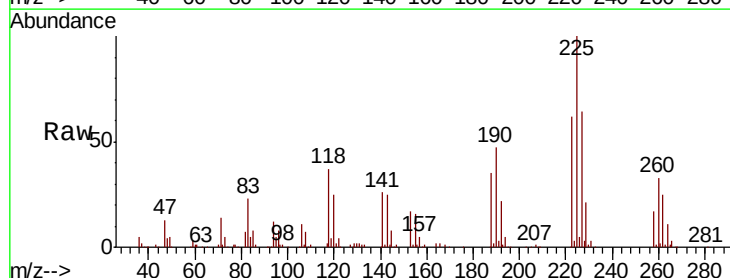


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BM  
Ion 92.00 (91.70 to 92.70): BM

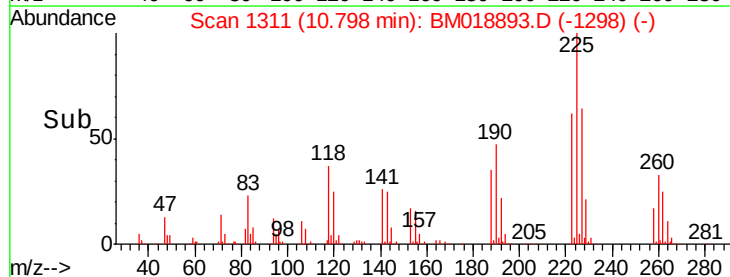
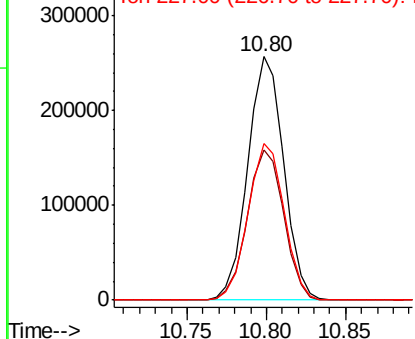


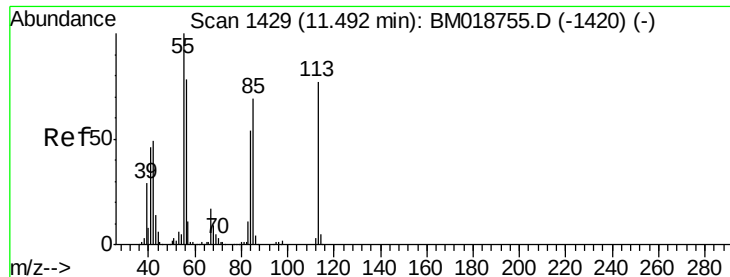
#34  
Hexachlorobutadiene  
Concen: 36.200 ng  
RT: 10.80 min Scan# 1311  
Delta R.T. -0.02 min  
Lab File: BM018893.D  
Acq: 21 Feb 2019 13:31

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 404044 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 61.8  | 50.1  | 75.1   |
| 227      | 64.3  | 51.4  | 77.0   |



Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 27.620 ng

RT: 11.48 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

Instrument :

BNA\_M

ClientSampleId :

PB117258BS

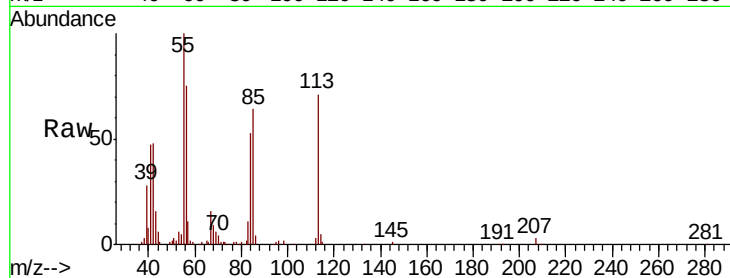
Tgt Ion:113 Resp: 187689

Ion Ratio Lower Upper

113 100

55 140.8 110.7 150.7

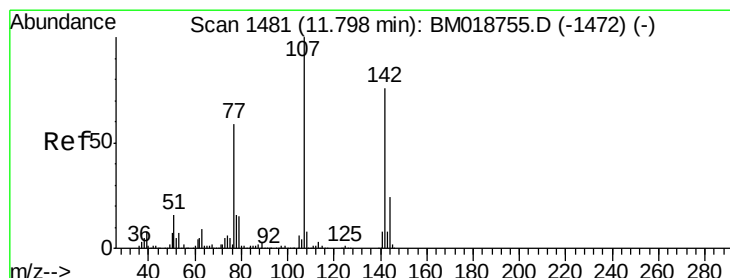
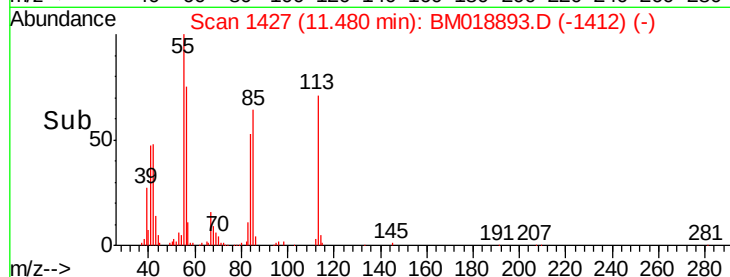
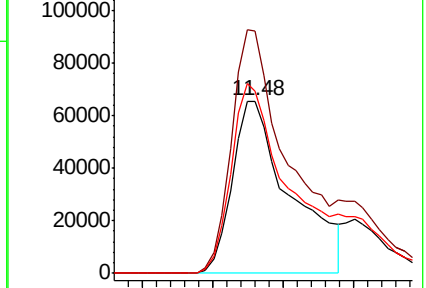
56 105.8 82.4 122.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 41.948 ng

RT: 11.79 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

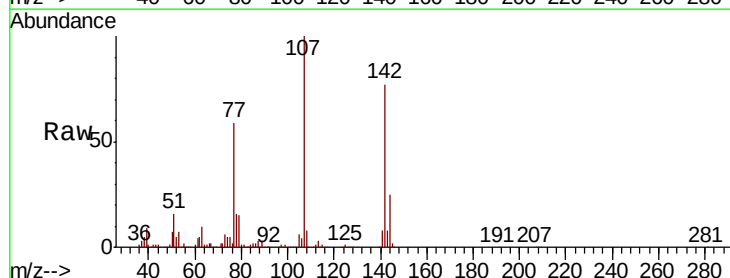
Tgt Ion:107 Resp: 842112

Ion Ratio Lower Upper

107 100

144 24.6 19.3 28.9

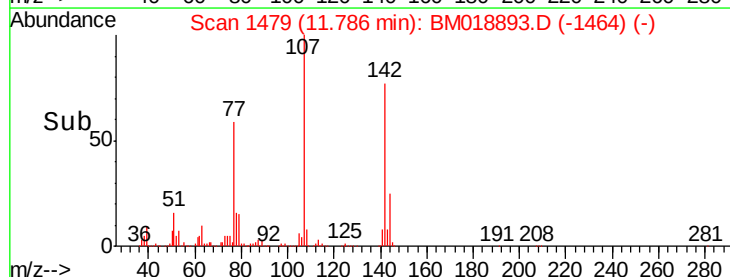
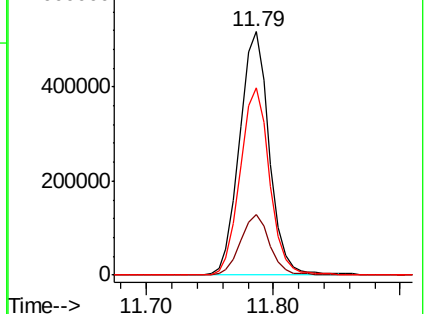
142 77.2 60.5 90.7

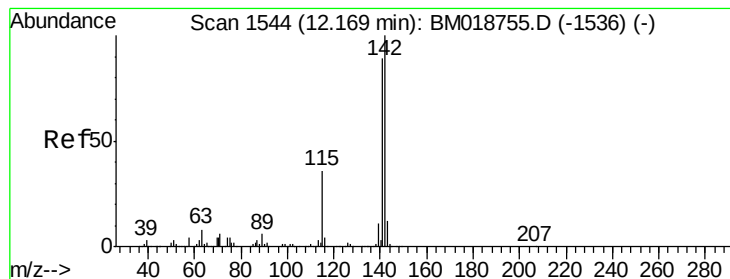


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 45.453 ng

RT: 12.15 min Scan# 1541

Delta R.T. -0.02 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

Instrument :

BNA\_M

ClientSampleId :

PB117258BS

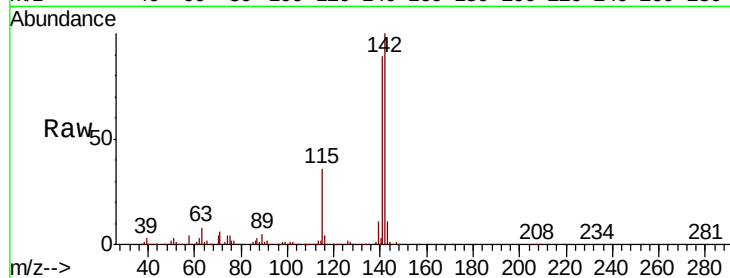
Tgt Ion:142 Resp: 1733311

Ion Ratio Lower Upper

142 100

141 89.2 71.2 106.8

115 36.1 29.1 43.7

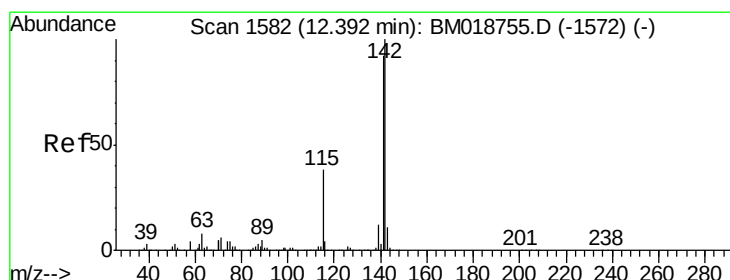
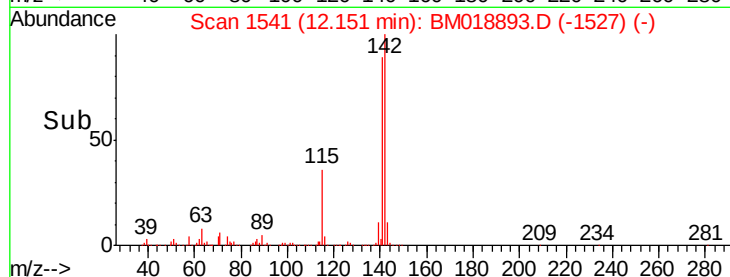
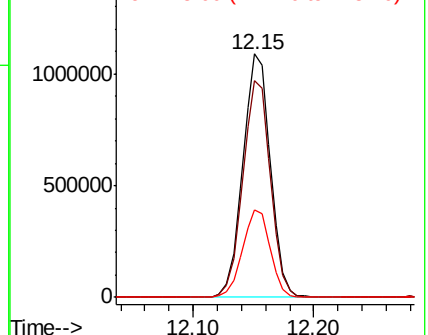


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 43.721 ng

RT: 12.37 min Scan# 1579

Delta R.T. -0.02 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

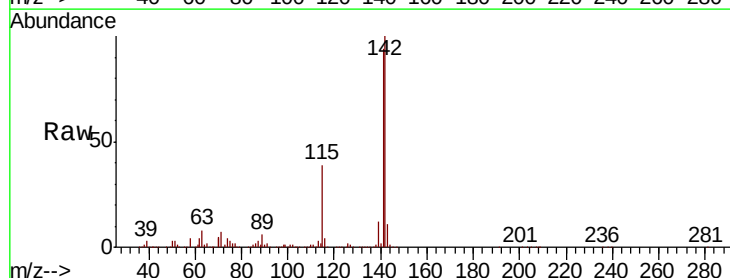
Tgt Ion:142 Resp: 1630363

Ion Ratio Lower Upper

142 100

141 94.2 73.9 110.9

116 3.9 3.0 4.4

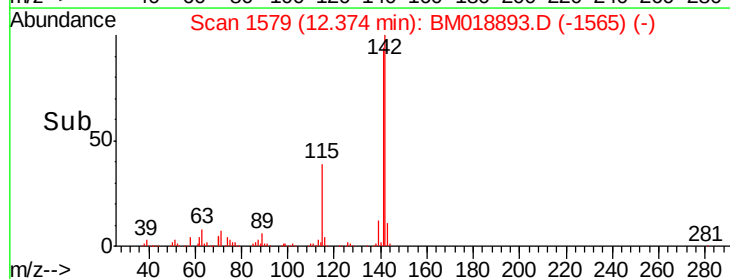
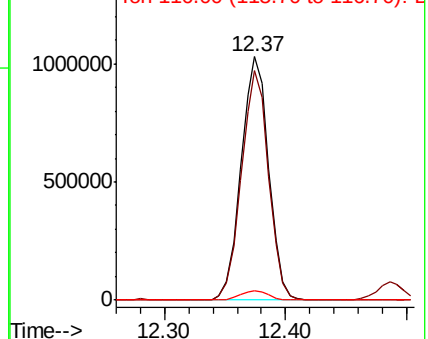


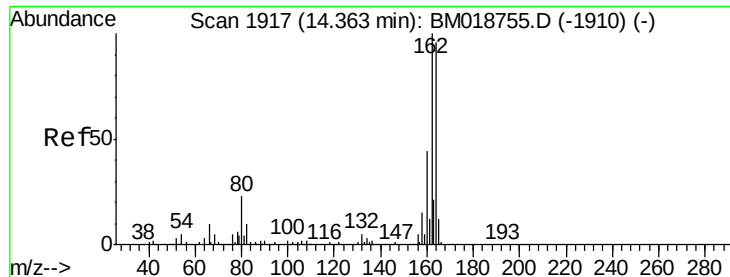
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.35 min Scan# 1915

Delta R.T. -0.01 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

Instrument :

BNA\_M

ClientSampleId :

PB117258BS

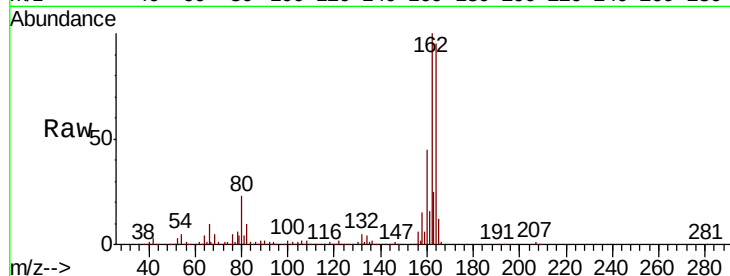
Tgt Ion:164 Resp: 634917

Ion Ratio Lower Upper

164 100

162 105.2 83.4 125.0

160 46.9 36.6 55.0

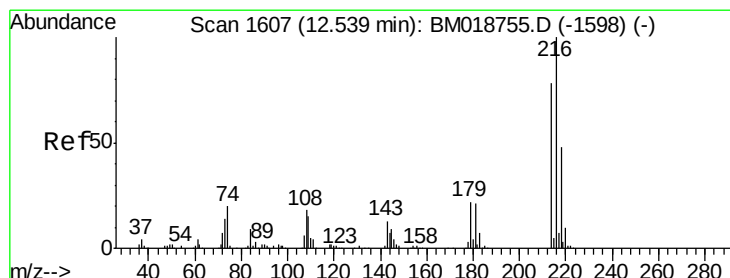
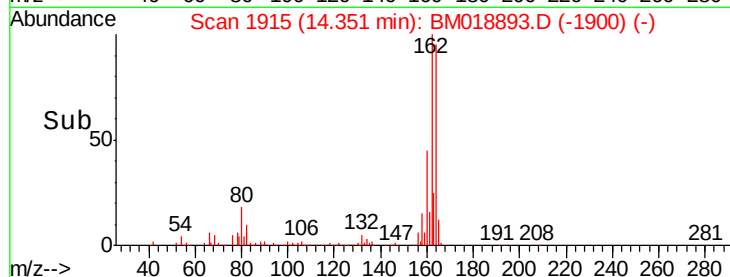
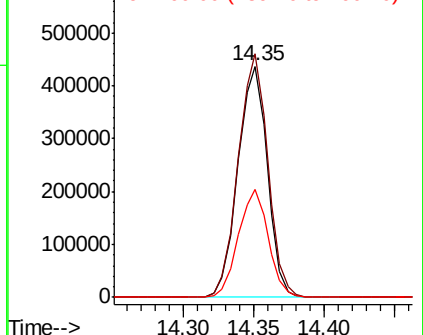


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.567 ng

RT: 12.52 min Scan# 1604

Delta R.T. -0.02 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

Tgt Ion:216 Resp: 803616

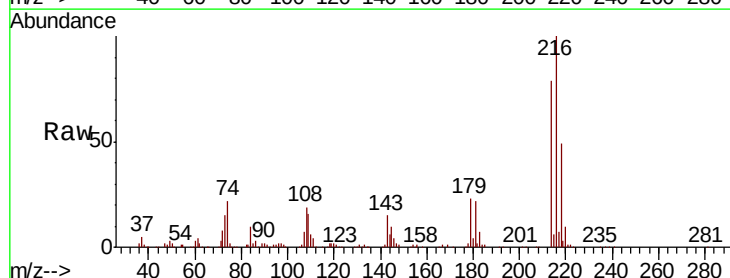
Ion Ratio Lower Upper

216 100

214 79.1 63.2 94.8

179 22.8 17.8 26.8

108 23.2 16.4 24.6



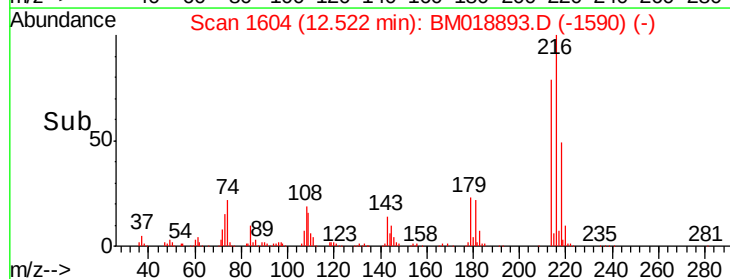
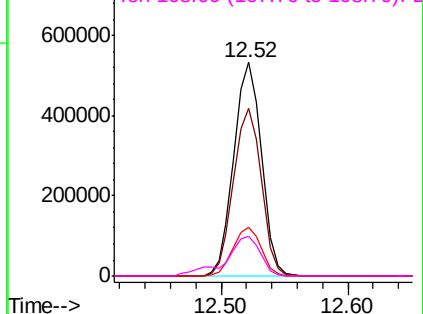
Abundance

Ion 216.00 (215.70 to 216.70): E

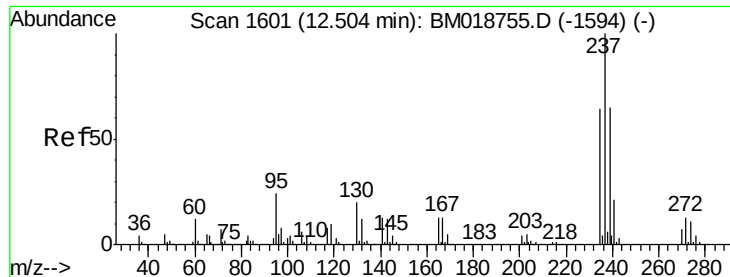
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E







#41

Hexachlorocyclopentadiene

Concen: 84.233 ng

RT: 12.49 min Scan# 1598

Delta R.T. -0.02 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

Instrument :

BNA\_M

ClientSampleId :

PB117258BS

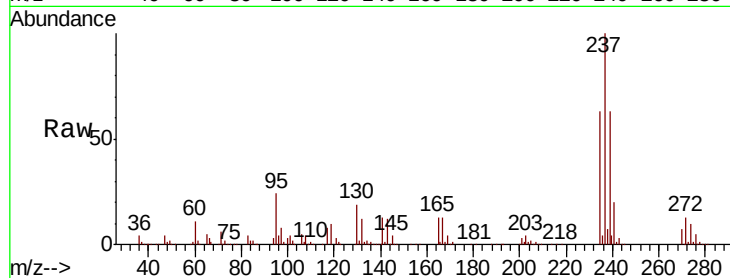
Tgt Ion:237 Resp: 874682

Ion Ratio Lower Upper

237 100

235 63.2 43.7 83.7

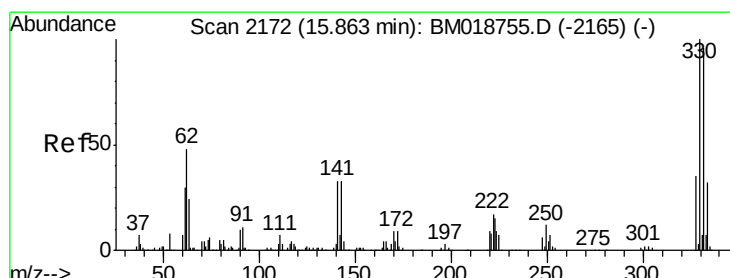
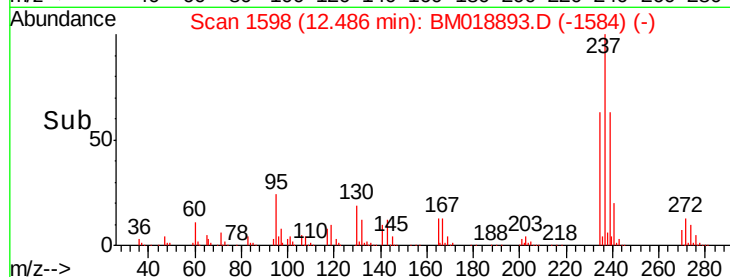
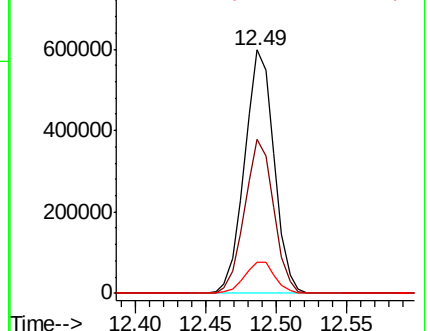
272 12.9 0.0 33.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 149.280 ng

RT: 15.85 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

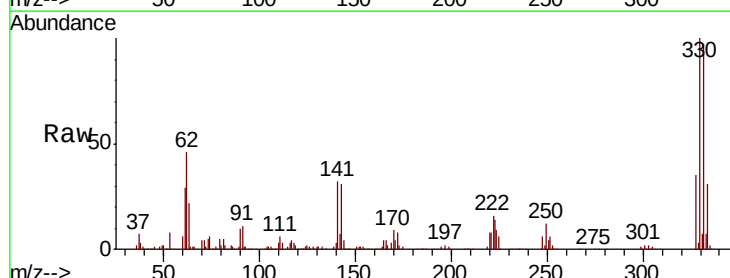
Tgt Ion:330 Resp: 1366230

Ion Ratio Lower Upper

330 100

332 96.3 76.9 115.3

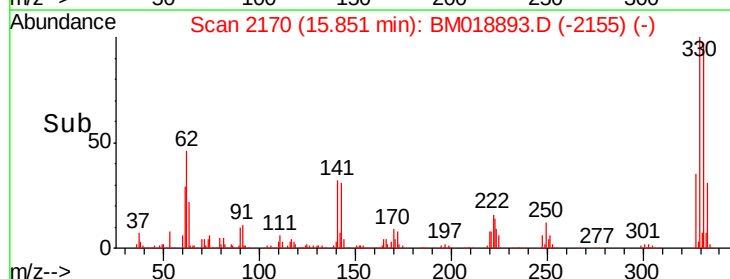
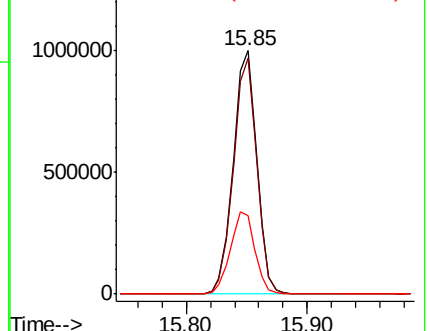
141 35.0 28.7 43.1

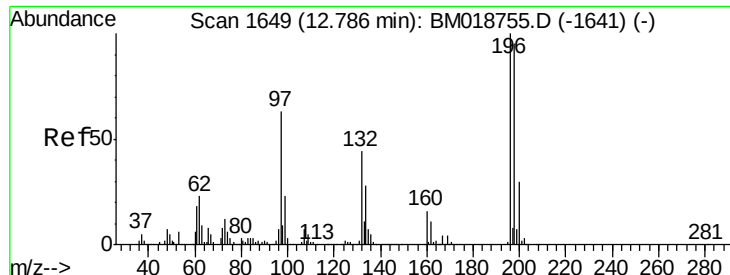


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

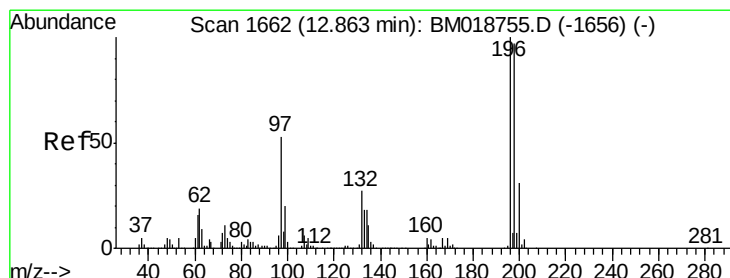
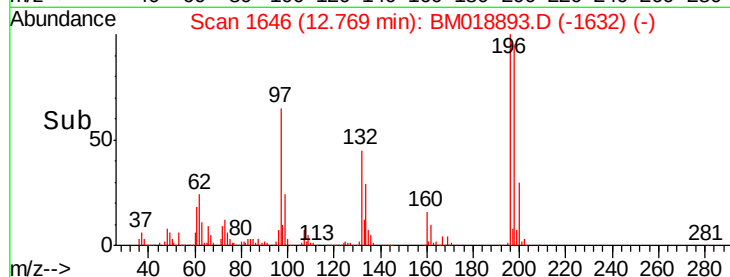
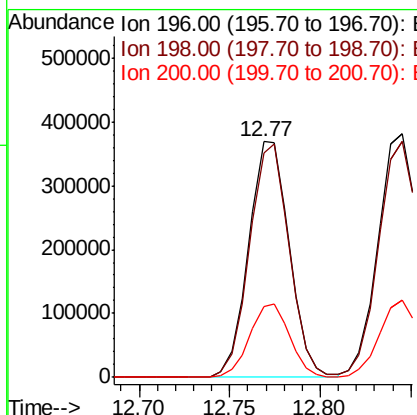
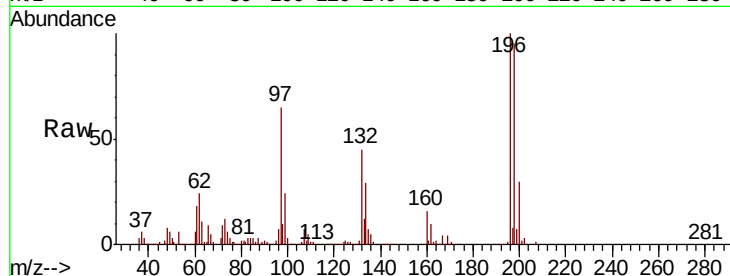




#43  
 2,4,6-Trichlorophenol  
 Concen: 42.815 ng  
 RT: 12.77 min Scan# 1646  
 Delta R.T. -0.02 min  
 Lab File: BM018893.D  
 Acq: 21 Feb 2019 13:31

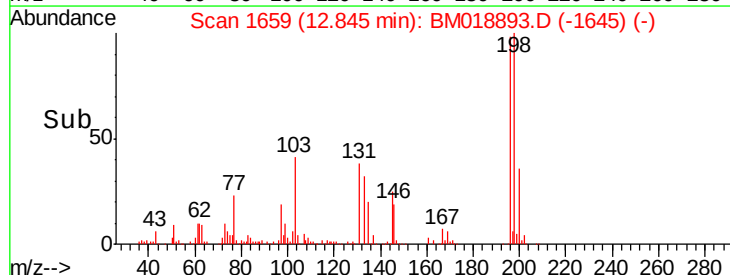
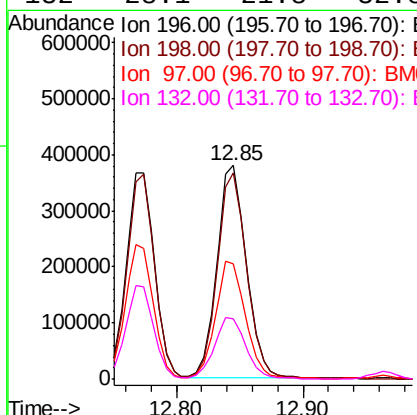
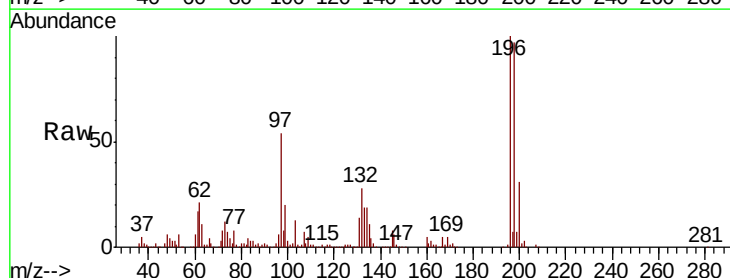
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB117258BS

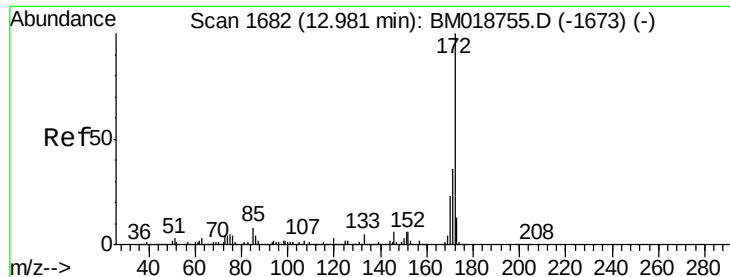
Tgt Ion:196 Resp: 575670  
 Ion Ratio Lower Upper  
 196 100  
 198 95.3 76.2 114.2  
 200 30.2 24.2 36.2



#44  
 2,4,5-Trichlorophenol  
 Concen: 43.477 ng  
 RT: 12.85 min Scan# 1659  
 Delta R.T. -0.02 min  
 Lab File: BM018893.D  
 Acq: 21 Feb 2019 13:31

Tgt Ion:196 Resp: 612700  
 Ion Ratio Lower Upper  
 196 100  
 198 96.7 77.6 116.4  
 97 54.1 42.8 64.2  
 132 28.1 21.8 32.8

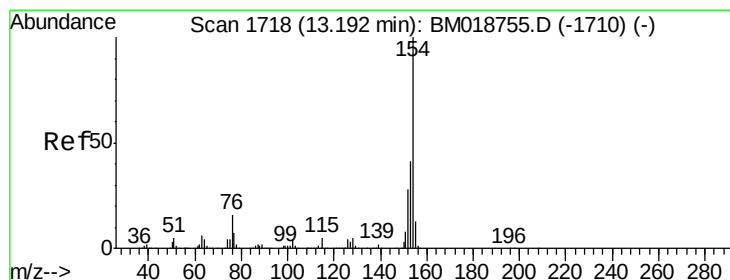
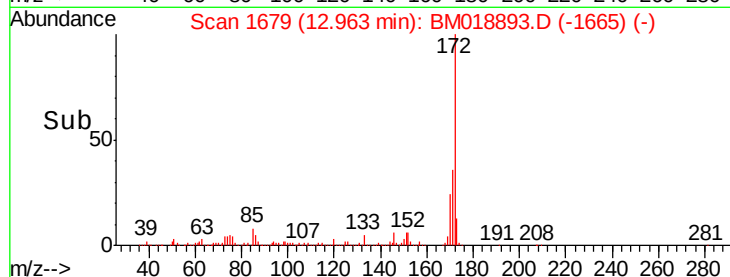
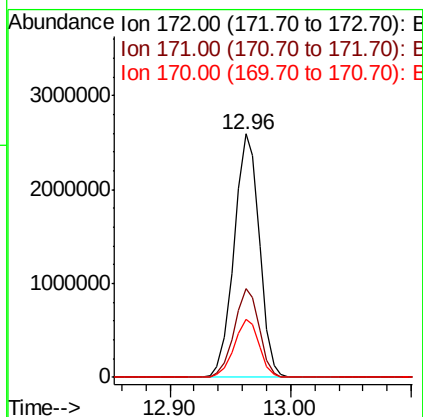
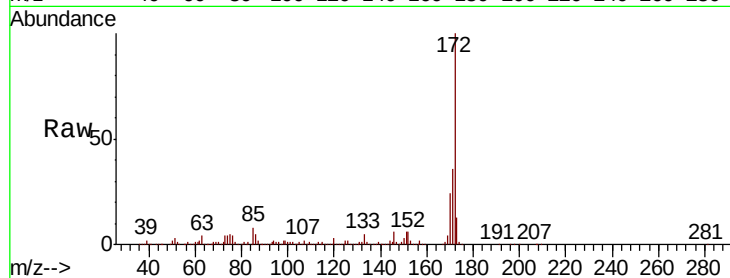




#45  
2-Fluorobiphenyl  
Concen: 79.029 ng  
RT: 12.96 min Scan# 1679  
Delta R.T. -0.02 min  
Lab File: BM018893.D  
Acq: 21 Feb 2019 13:31

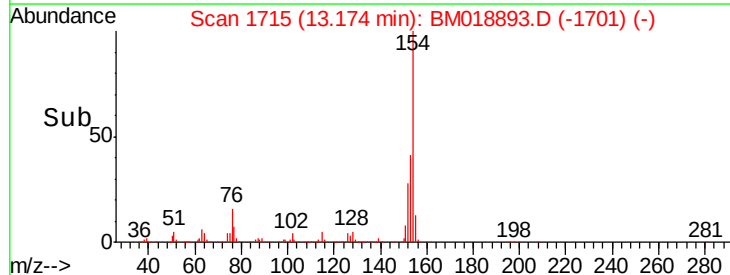
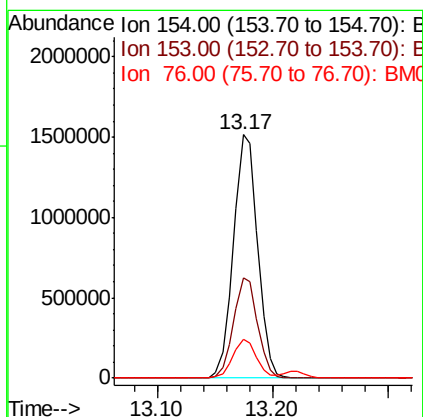
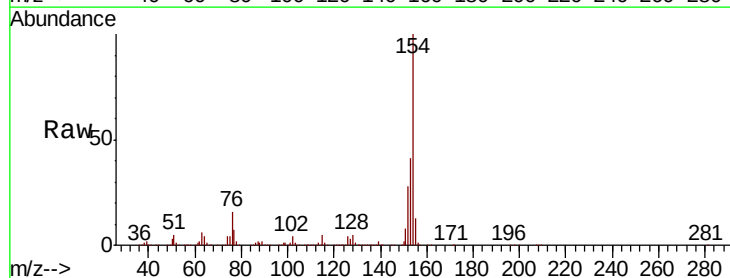
Instrument :  
BNA\_M  
ClientSampleId :  
PB117258BS

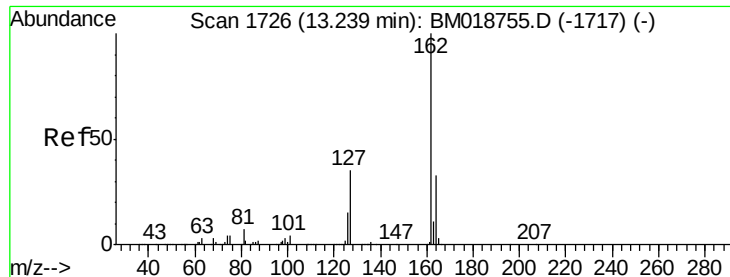
Tgt Ion:172 Resp: 3779876  
Ion Ratio Lower Upper  
172 100  
171 36.3 29.0 43.6  
170 23.7 18.6 28.0



#46  
1,1'-Biphenyl  
Concen: 40.163 ng  
RT: 13.17 min Scan# 1715  
Delta R.T. -0.02 min  
Lab File: BM018893.D  
Acq: 21 Feb 2019 13:31

Tgt Ion:154 Resp: 2194991  
Ion Ratio Lower Upper  
154 100  
153 41.0 21.1 61.1  
76 16.0 0.0 35.7

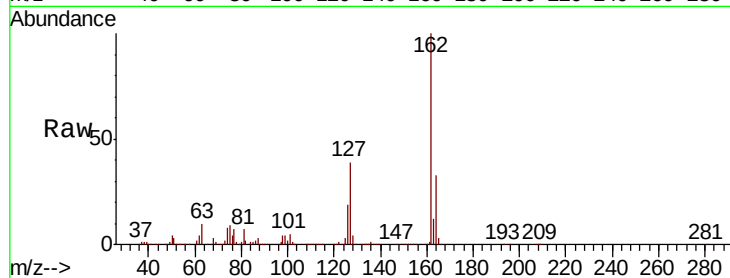




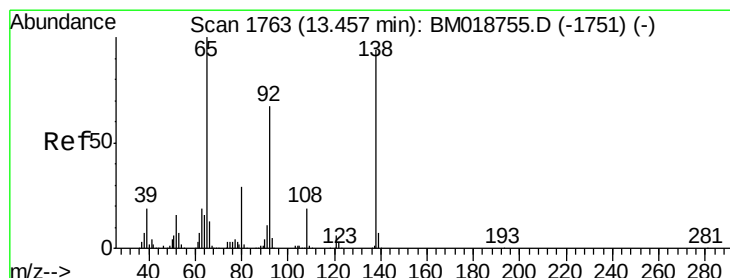
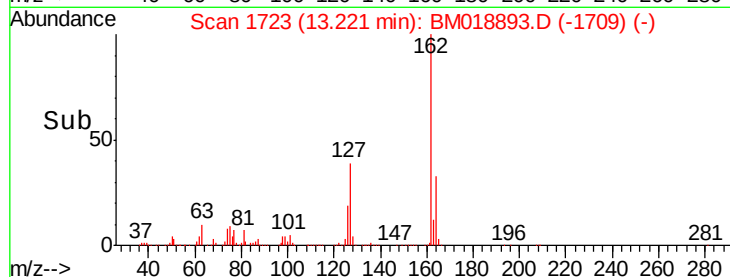
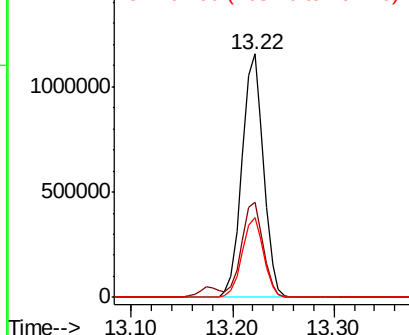
#47  
2-Chloronaphthalene  
Concen: 40.278 ng  
RT: 13.22 min Scan# 1723  
Delta R.T. -0.02 min  
Lab File: BM018893.D  
Acq: 21 Feb 2019 13:31

Instrument :  
BNA\_M  
ClientSampleId :  
PB117258BS

Tgt Ion: 162 Resp: 1700254  
Ion Ratio Lower Upper  
162 100  
127 39.2 31.1 46.7  
164 32.9 26.4 39.6

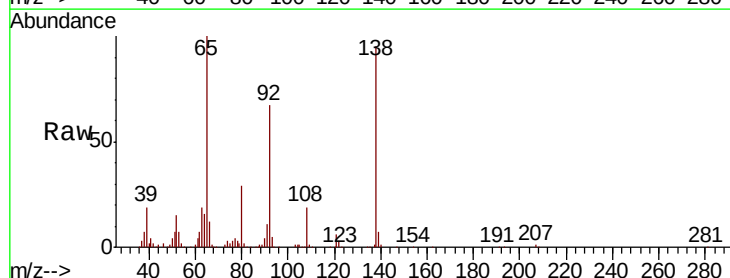


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E

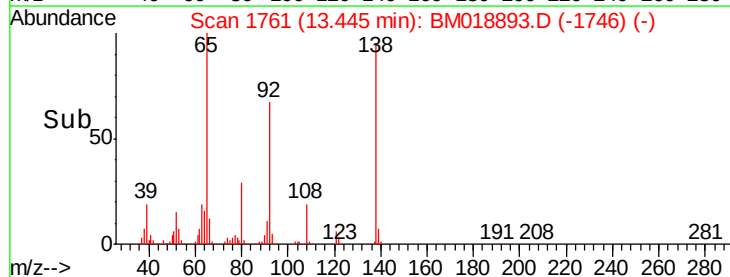
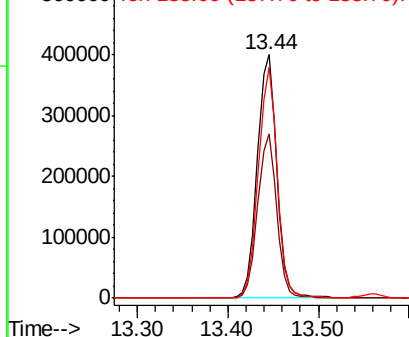


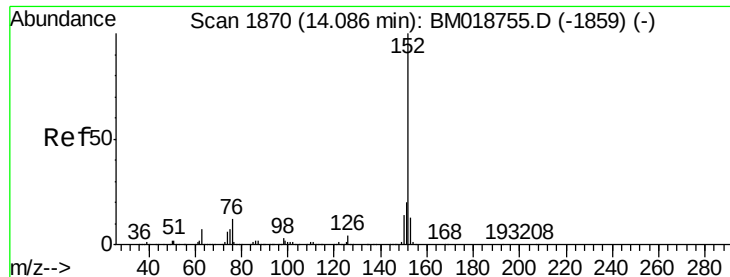
#48  
2-Nitroaniline  
Concen: 42.640 ng  
RT: 13.44 min Scan# 1761  
Delta R.T. -0.01 min  
Lab File: BM018893.D  
Acq: 21 Feb 2019 13:31

Tgt Ion: 65 Resp: 597796  
Ion Ratio Lower Upper  
65 100  
92 67.5 54.0 81.0  
138 94.7 74.9 112.3



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





#49

Acenaphthylene

Concen: 44.136 ng

RT: 14.07 min Scan# 1867

Delta R.T. -0.02 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

Instrument :

BNA\_M

ClientSampleId :

PB117258BS

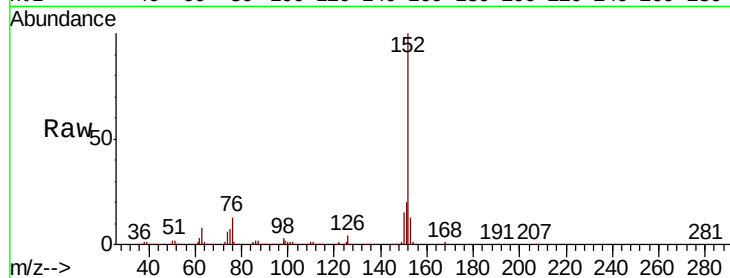
Tgt Ion:152 Resp: 2774205

Ion Ratio Lower Upper

152 100

151 20.2 15.8 23.8

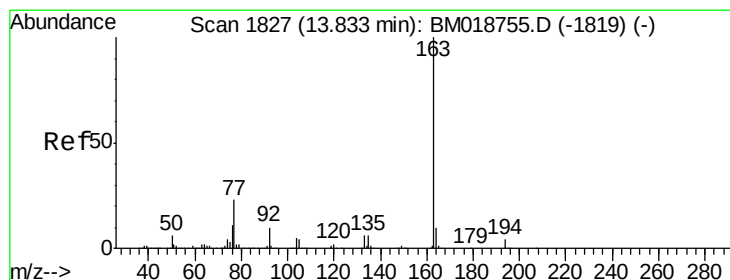
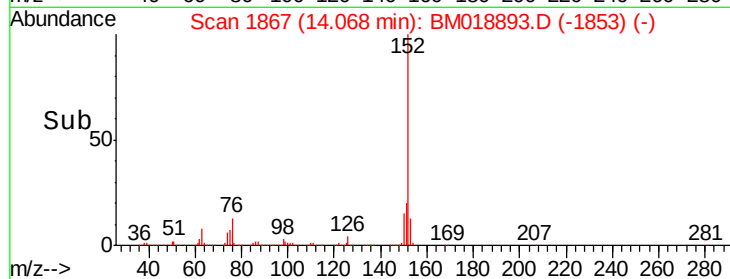
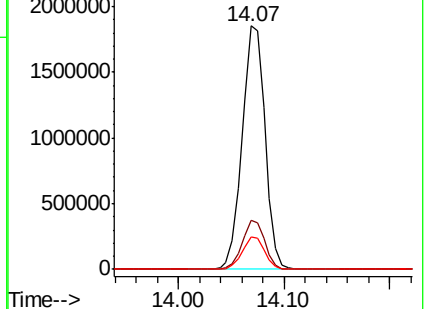
153 13.3 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.328 ng

RT: 13.82 min Scan# 1824

Delta R.T. -0.02 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

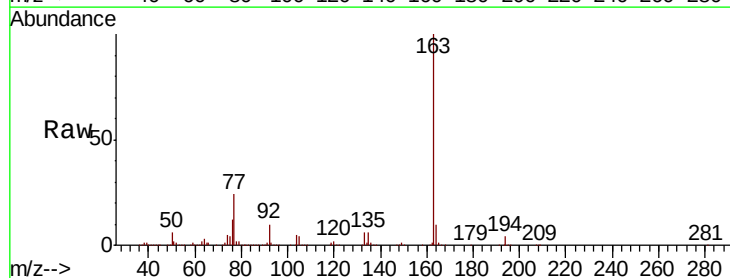
Tgt Ion:163 Resp: 2133932

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

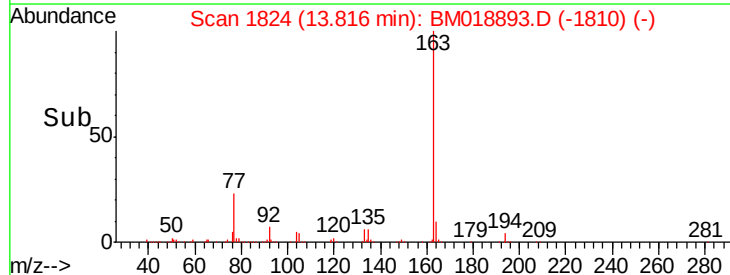
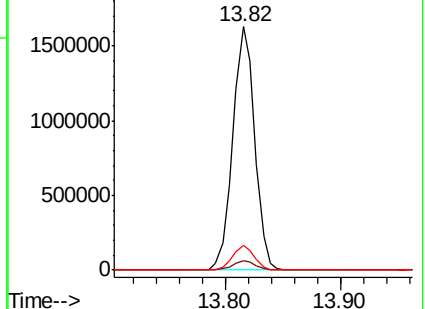
164 10.0 7.8 11.8

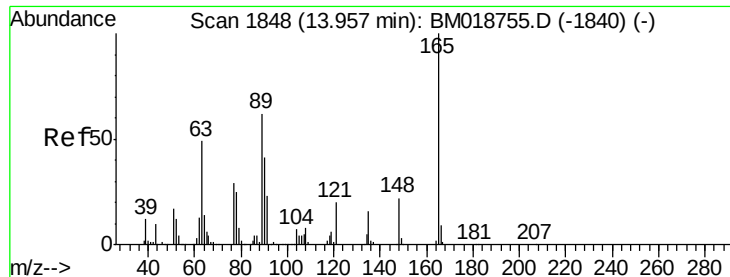


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

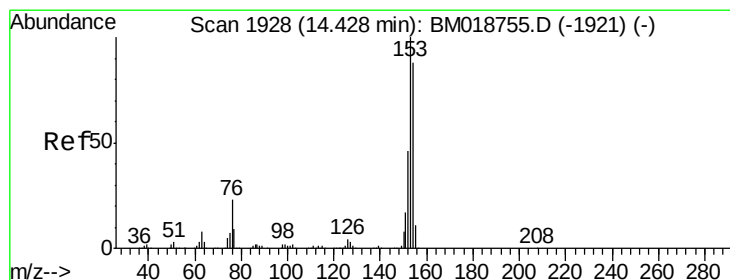
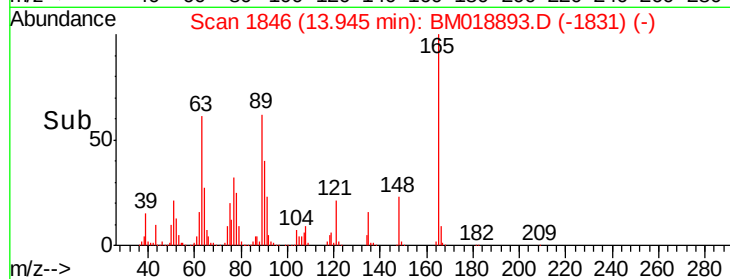
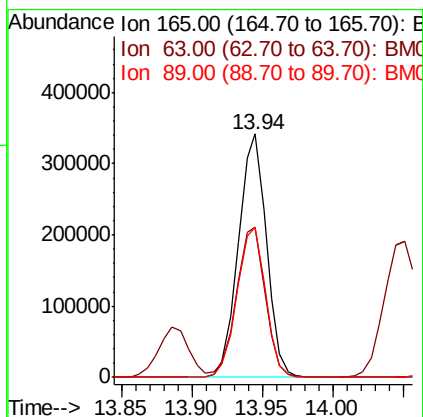
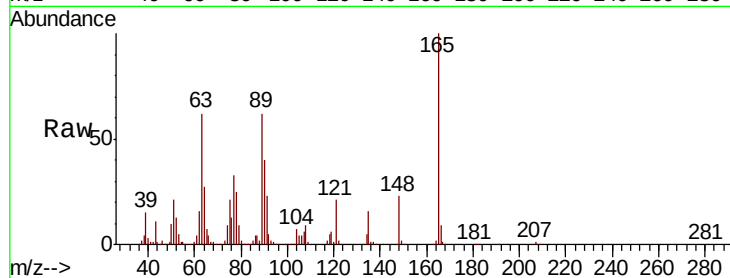




#51  
2,6-Dinitrotoluene  
Concen: 41.301 ng  
RT: 13.94 min Scan# 1846  
Delta R.T. -0.01 min  
Lab File: BM018893.D  
Acq: 21 Feb 2019 13:31

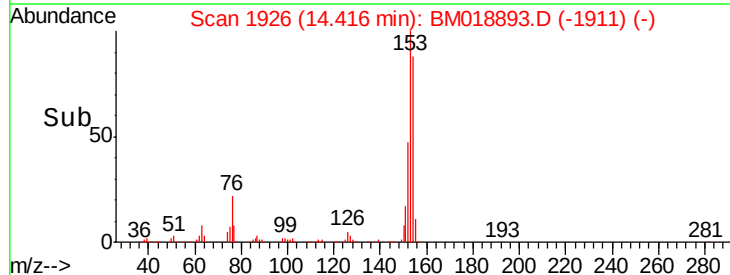
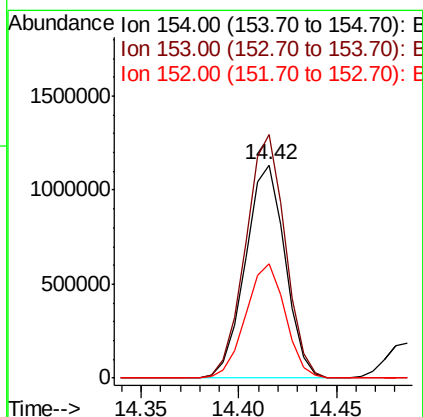
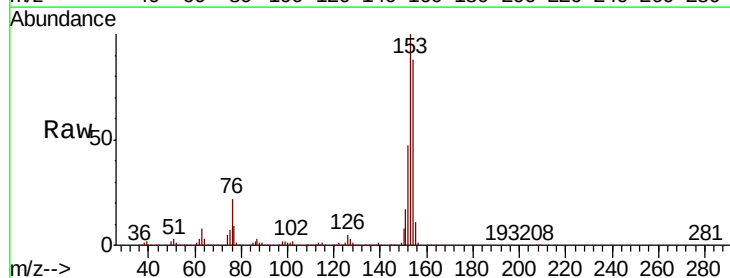
Instrument :  
BNA\_M  
ClientSampleId :  
PB117258BS

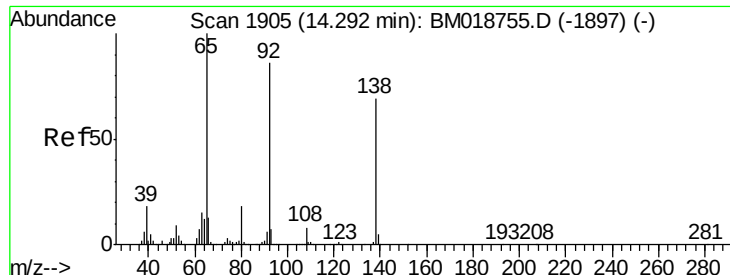
Tgt Ion:165 Resp: 473409  
Ion Ratio Lower Upper  
165 100  
63 61.6 48.9 73.3  
89 61.7 49.4 74.0



#52  
Acenaphthene  
Concen: 41.491 ng  
RT: 14.42 min Scan# 1926  
Delta R.T. -0.01 min  
Lab File: BM018893.D  
Acq: 21 Feb 2019 13:31

Tgt Ion:154 Resp: 1599140  
Ion Ratio Lower Upper  
154 100  
153 114.2 91.3 136.9  
152 53.4 42.2 63.4

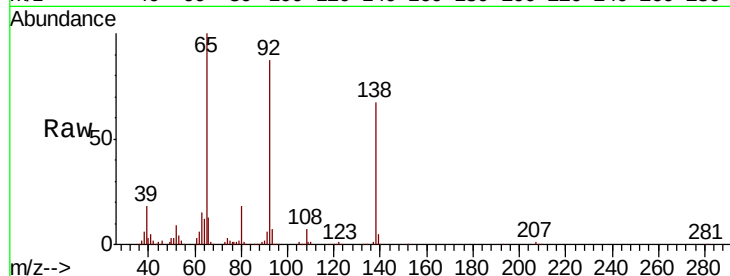




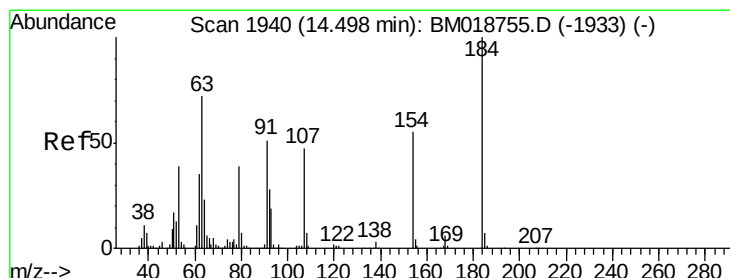
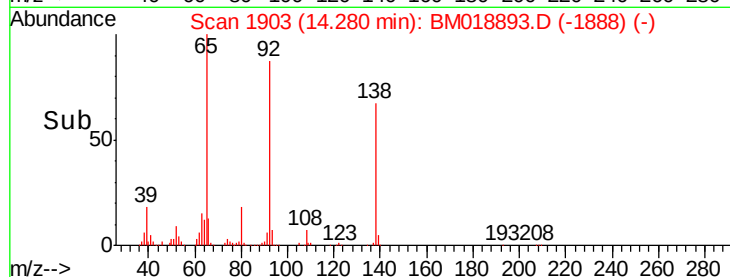
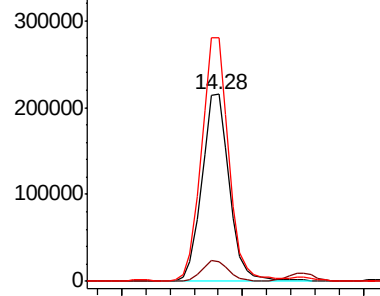
#53  
 3-Nitroaniline  
 Concen: 26.280 ng  
 RT: 14.28 min Scan# 1903  
 Delta R.T. -0.01 min  
 Lab File: BM018893.D  
 Acq: 21 Feb 2019 13:31

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB117258BS

Tgt Ion:138 Resp: 340362  
 Ion Ratio Lower Upper  
 138 100  
 108 10.8 9.1 13.7  
 92 129.9 99.7 149.5

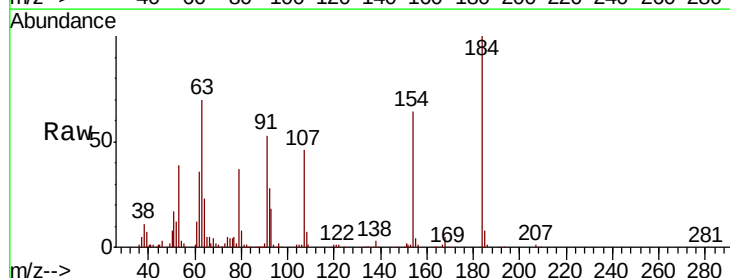


Abundance Ion 138.00 (137.70 to 138.70): E  
 Ion 108.00 (107.70 to 108.70): E  
 Ion 92.00 (91.70 to 92.70): BM

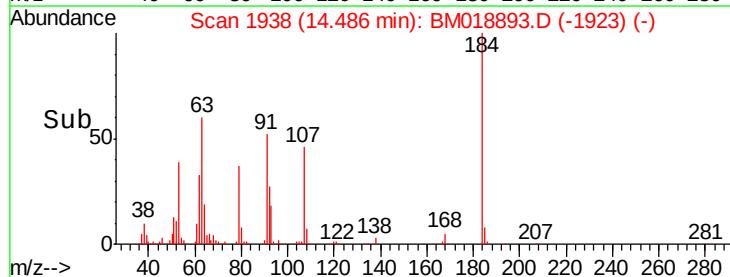
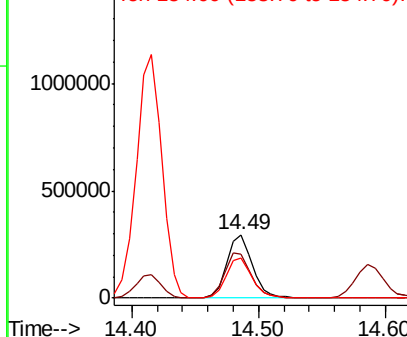


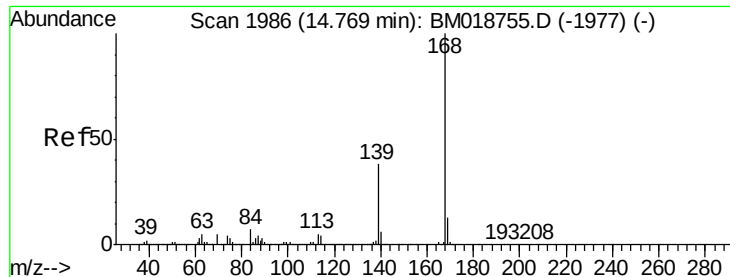
#54  
 2,4-Dinitrophenol  
 Concen: 58.278 ng  
 RT: 14.49 min Scan# 1938  
 Delta R.T. -0.01 min  
 Lab File: BM018893.D  
 Acq: 21 Feb 2019 13:31

Tgt Ion:184 Resp: 411604  
 Ion Ratio Lower Upper  
 184 100  
 63 70.5 58.0 87.0  
 154 63.8 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: 40.709 ng

RT: 14.75 min Scan# 1983

Delta R.T. -0.02 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

Instrument :

BNA\_M

ClientSampleId :

PB117258BS

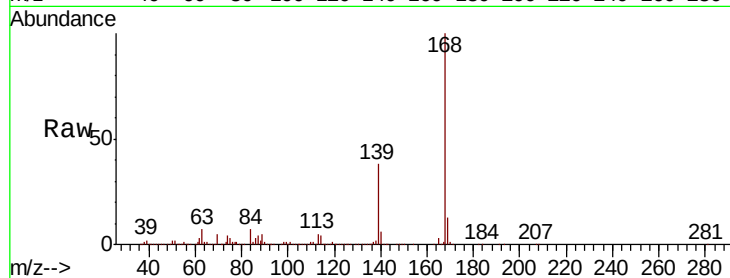
Tgt Ion:168 Resp: 2578830

Ion Ratio Lower Upper

168 100

139 37.8 30.7 46.1

169 13.5 10.3 15.5

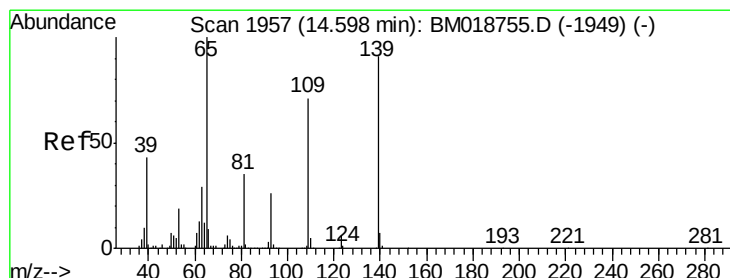
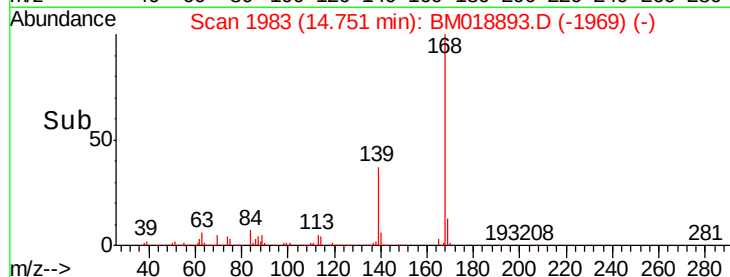
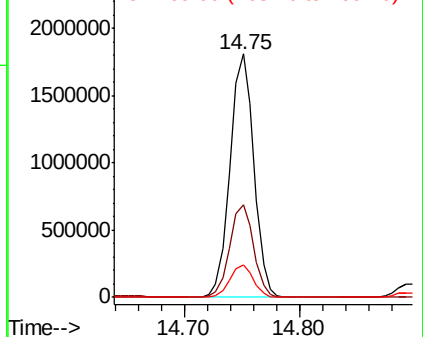


Abundance

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: 74.976 ng

RT: 14.59 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

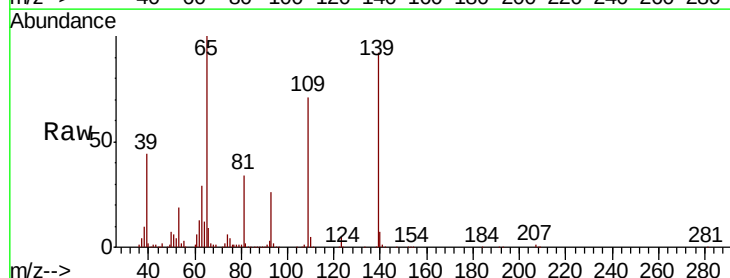
Tgt Ion:139 Resp: 775147

Ion Ratio Lower Upper

139 100

109 76.8 58.4 98.4

65 108.5 89.8 129.8

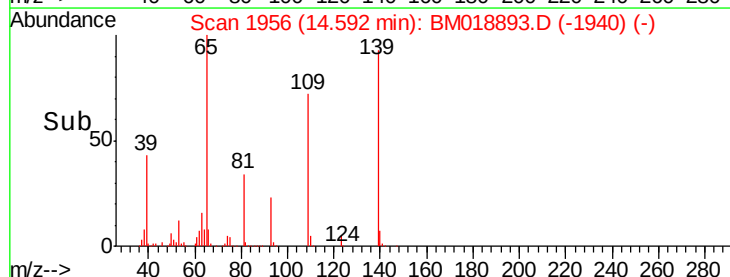
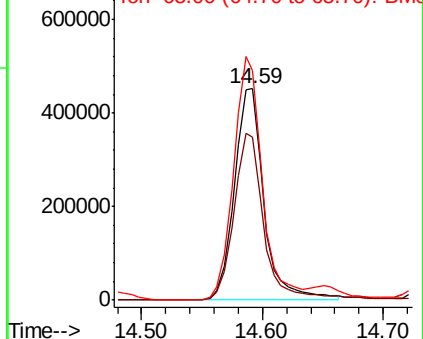


Abundance

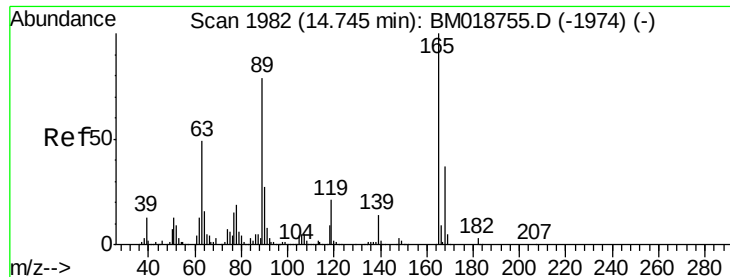
Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E



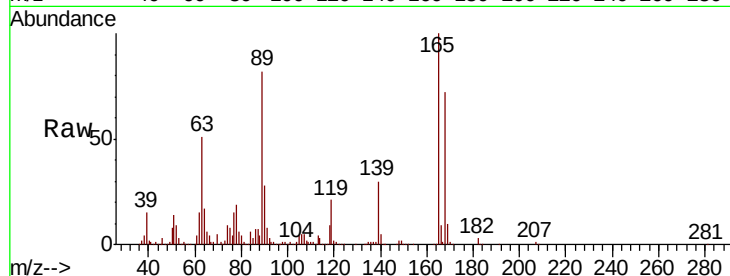




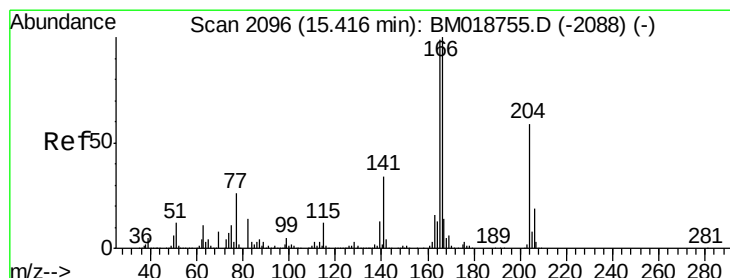
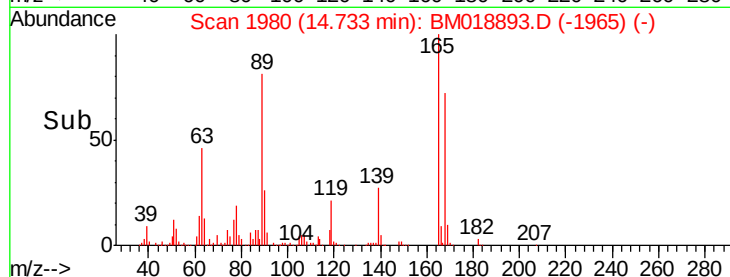
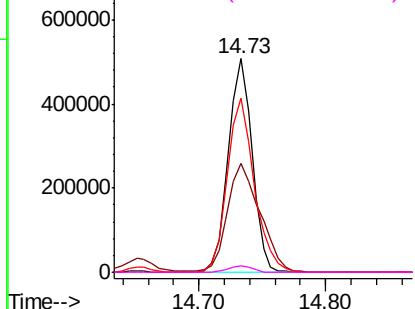
#57  
 2,4-Dinitrotoluene  
 Concen: 41.857 ng  
 RT: 14.73 min Scan# 1980  
 Delta R.T. -0.01 min  
 Lab File: BM018893.D  
 Acq: 21 Feb 2019 13:31

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB117258BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 165   | Resp: | 661038 |
| Ion      | Ratio | Lower | Upper  |
| 165      | 100   |       |        |
| 63       | 50.8  | 39.6  | 59.4   |
| 89       | 81.8  | 63.5  | 95.3   |
| 182      | 2.8   | 2.2   | 3.4    |

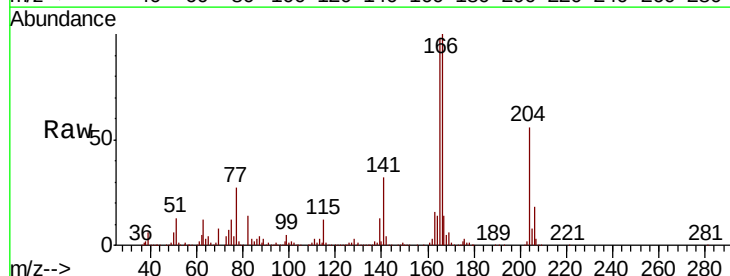


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BM  
 Ion 89.00 (88.70 to 89.70): BM  
 Ion 182.00 (181.70 to 182.70): E

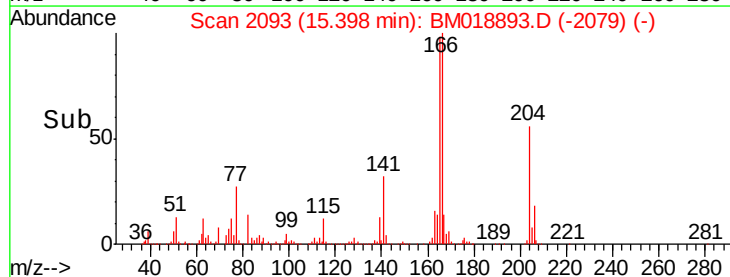
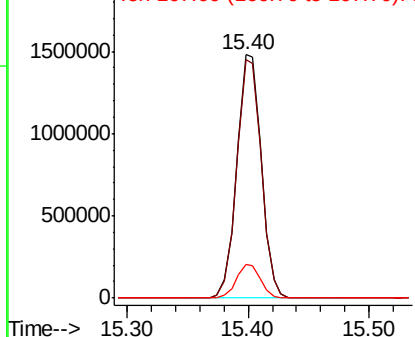


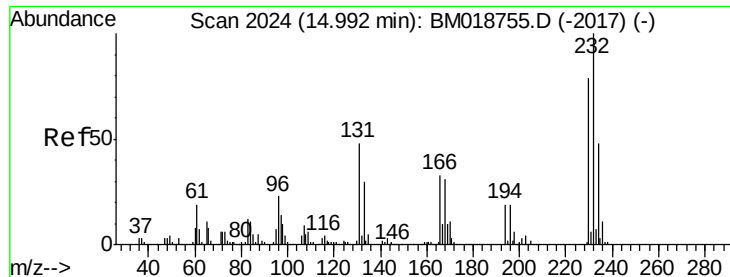
#58  
 Fluorene  
 Concen: 43.262 ng  
 RT: 15.40 min Scan# 2093  
 Delta R.T. -0.02 min  
 Lab File: BM018893.D  
 Acq: 21 Feb 2019 13:31

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 166   | Resp: | 2096634 |
| Ion      | Ratio | Lower | Upper   |
| 166      | 100   |       |         |
| 165      | 97.8  | 79.1  | 118.7   |
| 167      | 13.9  | 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

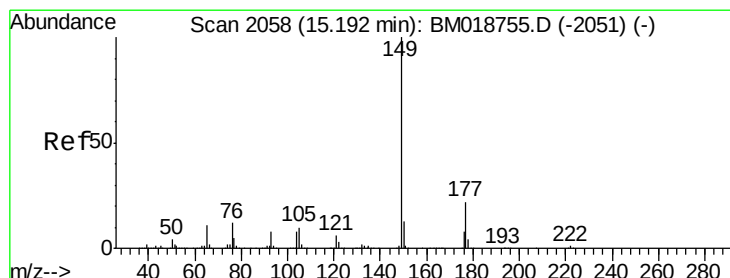
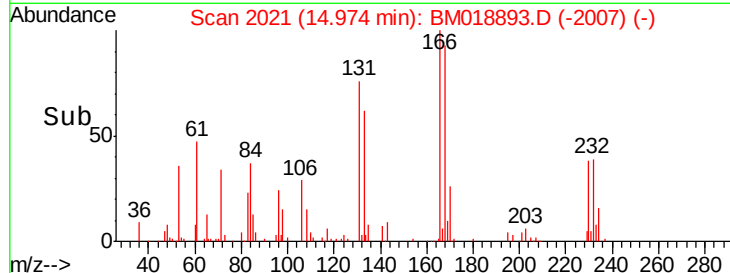
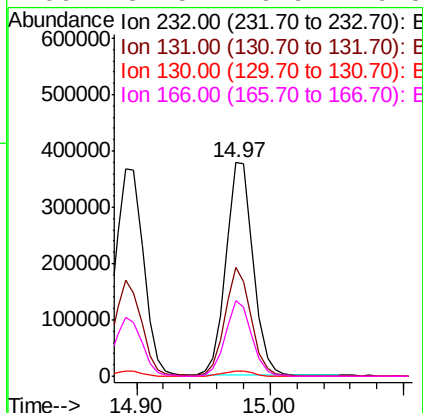
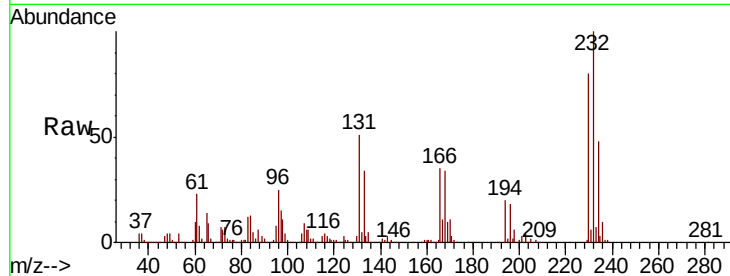




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 43.580 ng  
 RT: 14.97 min Scan# 2021  
 Delta R.T. -0.02 min  
 Lab File: BM018893.D  
 Acq: 21 Feb 2019 13:31

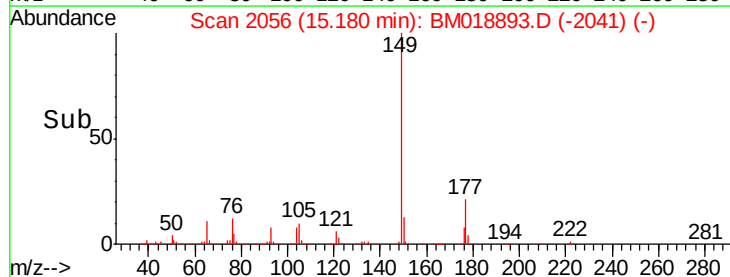
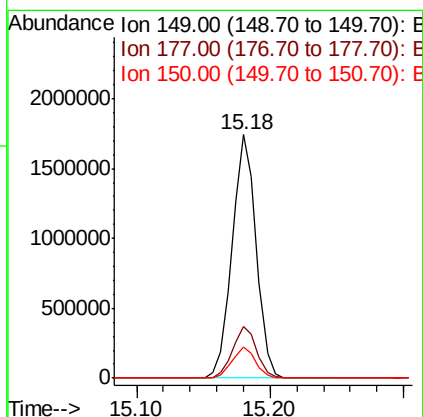
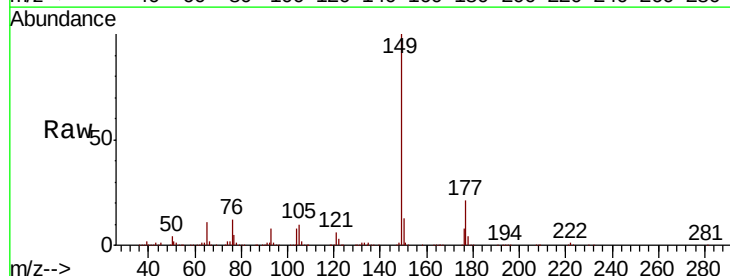
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB117258BS

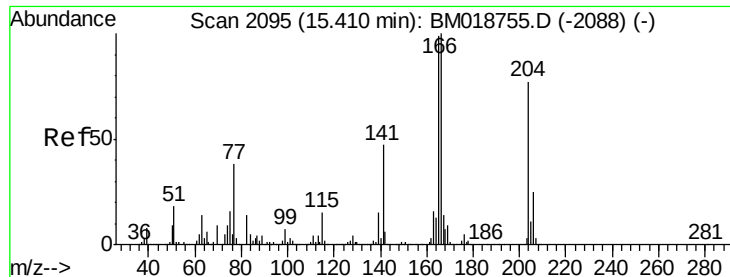
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 232   | Resp: | 542863 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 48.5  | 38.6  | 57.8   |
| 130      | 2.6   | 2.0   | 3.0    |
| 166      | 34.5  | 26.9  | 40.3   |



#60  
 Diethylphthalate  
 Concen: 40.138 ng  
 RT: 15.18 min Scan# 2056  
 Delta R.T. -0.01 min  
 Lab File: BM018893.D  
 Acq: 21 Feb 2019 13:31

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 149   | Resp: | 2190872 |
| Ion      | Ratio | Lower | Upper   |
| 149      | 100   |       |         |
| 177      | 21.1  | 17.2  | 25.8    |
| 150      | 12.6  | 10.2  | 15.2    |

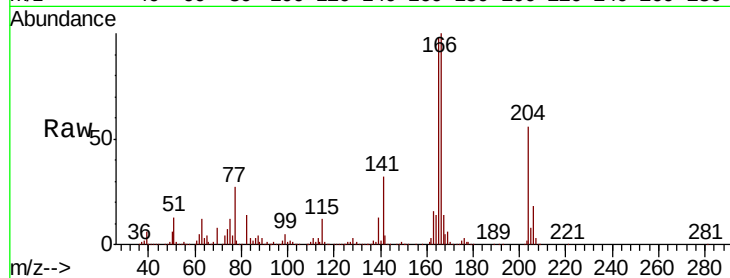




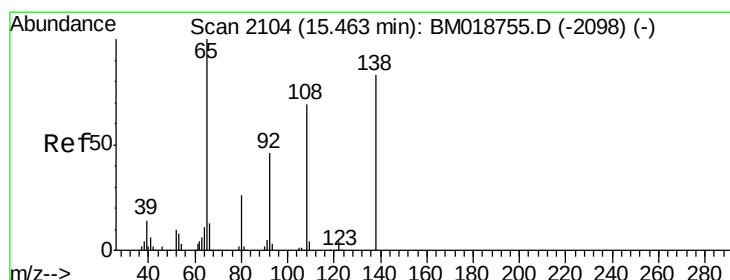
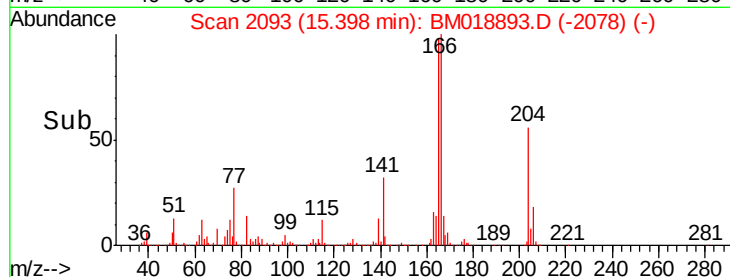
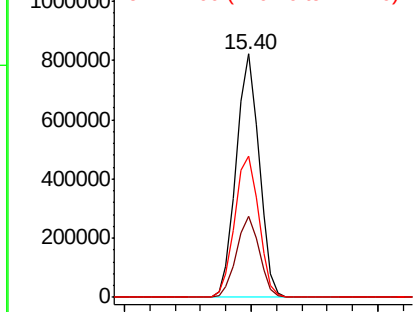
#61  
4-Chlorophenyl-phenylether  
Concen: 37.940 ng  
RT: 15.40 min Scan# 2093  
Delta R.T. -0.01 min  
Lab File: BM018893.D  
Acq: 21 Feb 2019 13:31

Instrument :  
BNA\_M  
ClientSampleId :  
PB117258BS

Tgt Ion:204 Resp: 1030918  
Ion Ratio Lower Upper  
204 100  
206 33.1 26.2 39.2  
141 58.1 49.2 73.8

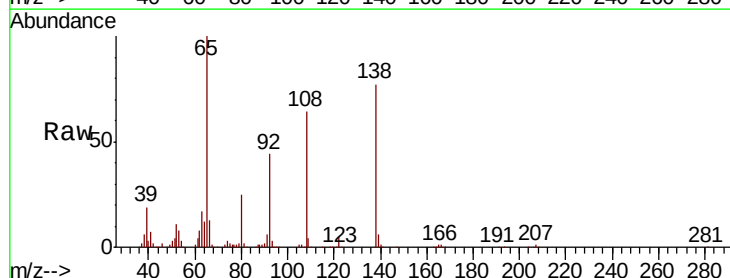


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

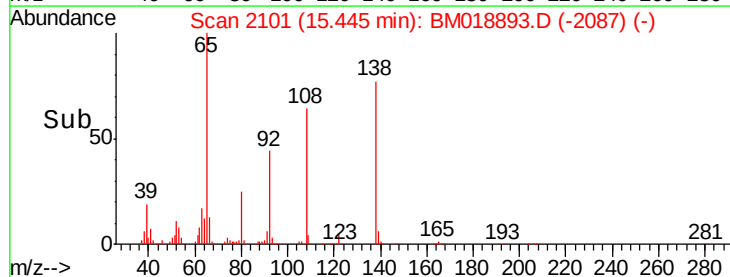
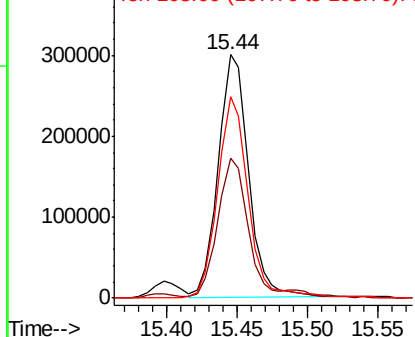


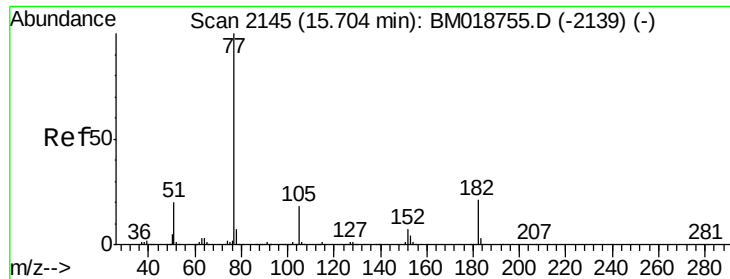
#62  
4-Nitroaniline  
Concen: 35.287 ng  
RT: 15.44 min Scan# 2101  
Delta R.T. -0.02 min  
Lab File: BM018893.D  
Acq: 21 Feb 2019 13:31

Tgt Ion:138 Resp: 448035  
Ion Ratio Lower Upper  
138 100  
92 57.5 35.5 75.5  
108 83.0 62.4 102.4



Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BM0  
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 40.761 ng

RT: 15.69 min Scan# 2143

Delta R.T. -0.01 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

Instrument :

BNA\_M

ClientSampleId :

PB117258BS

Tgt Ion: 77 Resp: 2385514

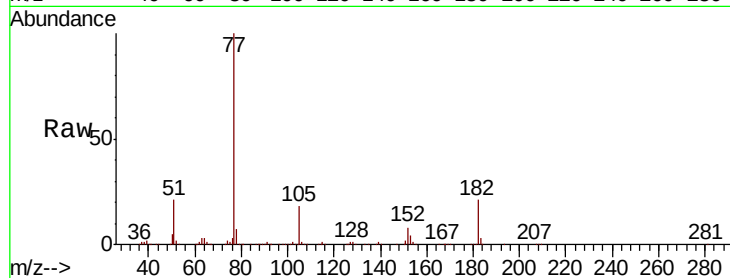
Ion Ratio Lower Upper

77 100

182 21.3 1.0 41.0

105 18.2 0.0 37.7

51 20.6 0.3 40.3

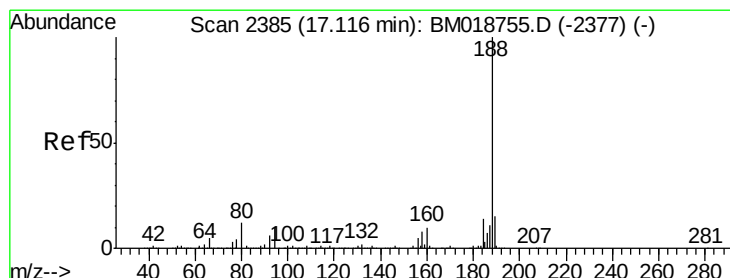
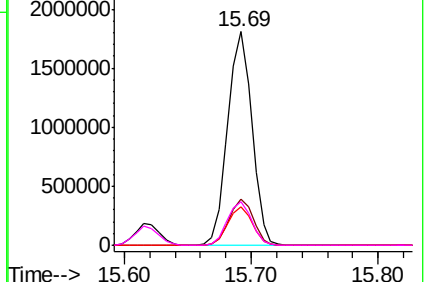
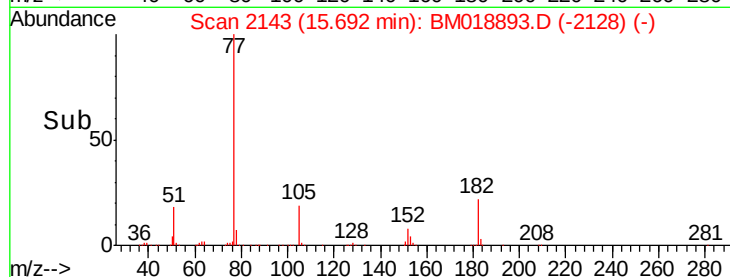


Abundance Ion 77.00 (76.70 to 77.70): BM0

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): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.10 min Scan# 2383

Delta R.T. -0.01 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

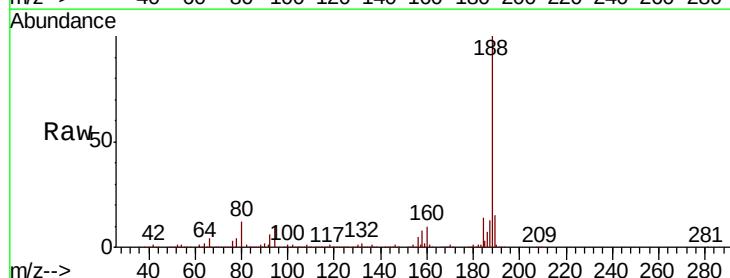
Tgt Ion: 188 Resp: 1390759

Ion Ratio Lower Upper

188 100

94 10.2 8.2 12.2

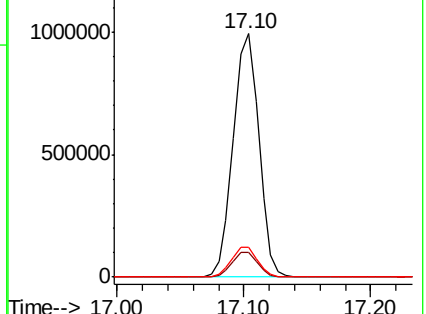
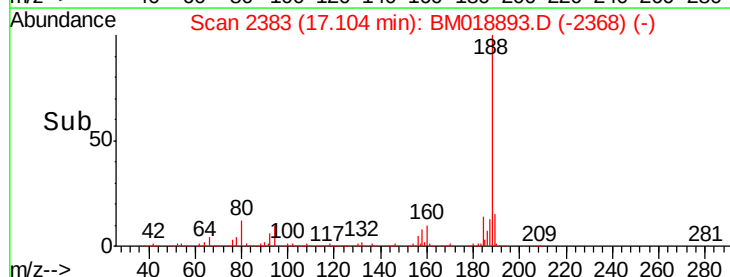
80 12.3 9.7 14.5

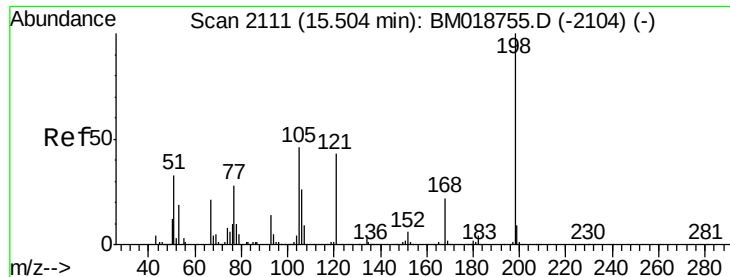


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

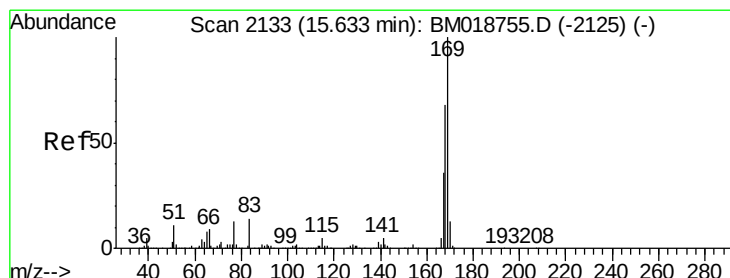
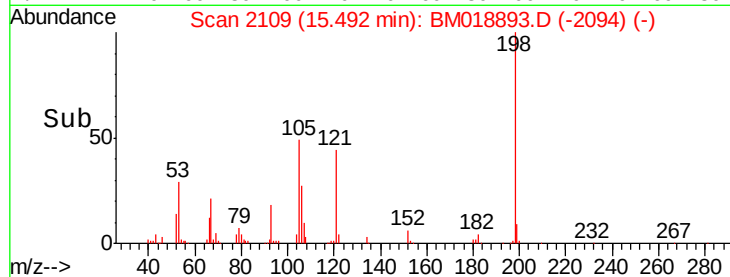
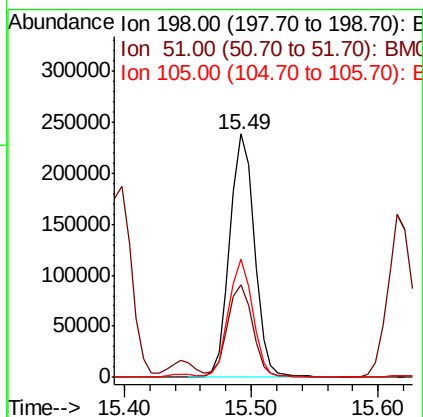
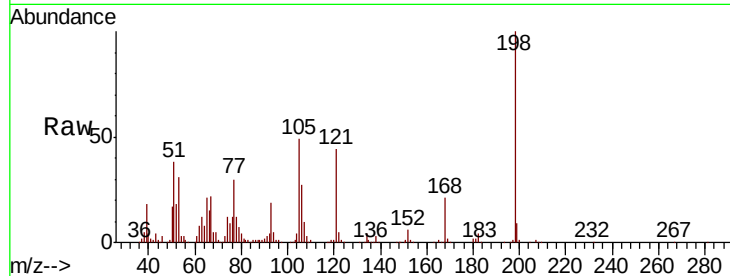




#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 32.989 ng  
 RT: 15.49 min Scan# 2109  
 Delta R.T. -0.01 min  
 Lab File: BM018893.D  
 Acq: 21 Feb 2019 13:31

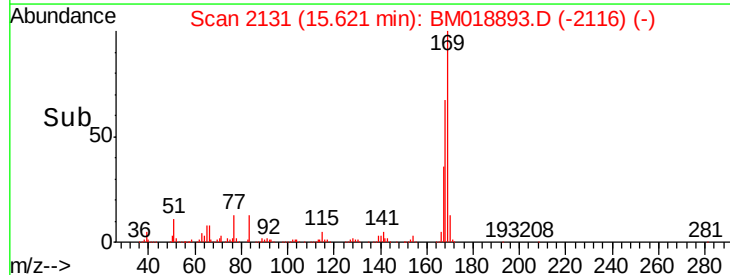
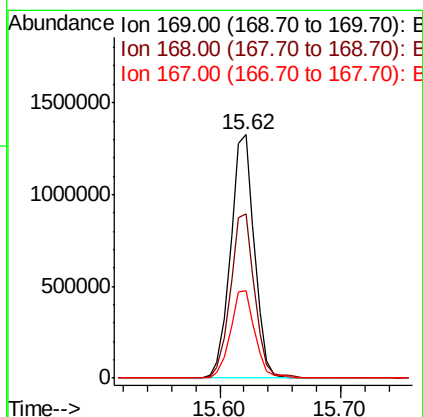
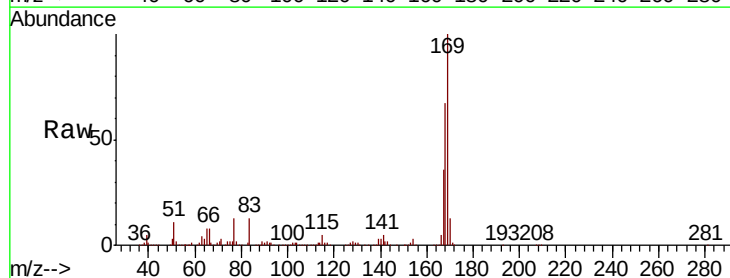
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB117258BS

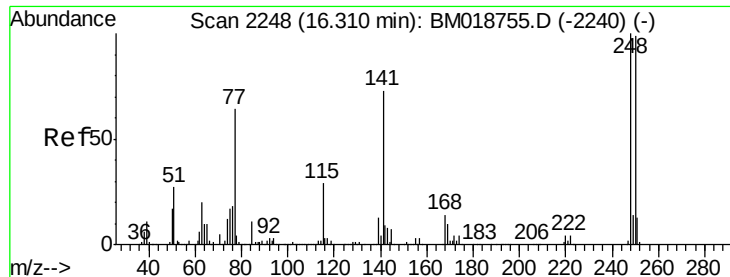
Tgt Ion:198 Resp: 322125  
 Ion Ratio Lower Upper  
 198 100  
 51 38.2 18.4 58.4  
 105 48.7 27.2 67.2



#66  
 n-Nitrosodiphenylamine  
 Concen: 41.239 ng  
 RT: 15.62 min Scan# 2131  
 Delta R.T. -0.01 min  
 Lab File: BM018893.D  
 Acq: 21 Feb 2019 13:31

Tgt Ion:169 Resp: 1812048  
 Ion Ratio Lower Upper  
 169 100  
 168 67.4 54.4 81.6  
 167 36.1 29.0 43.6

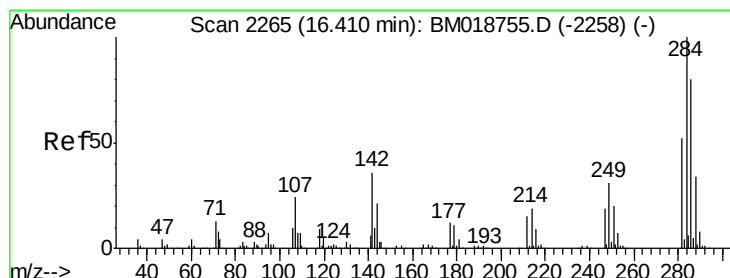
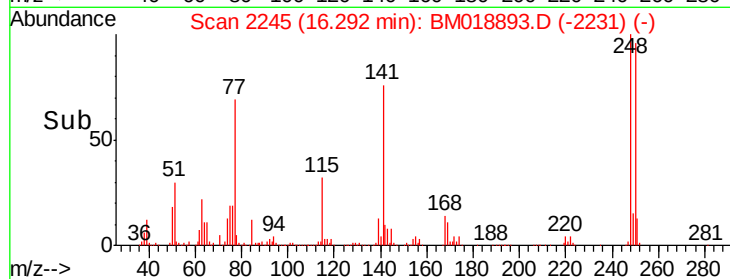
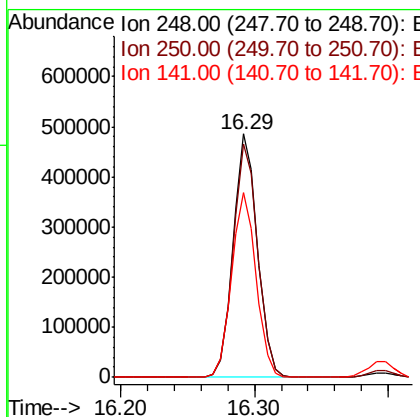
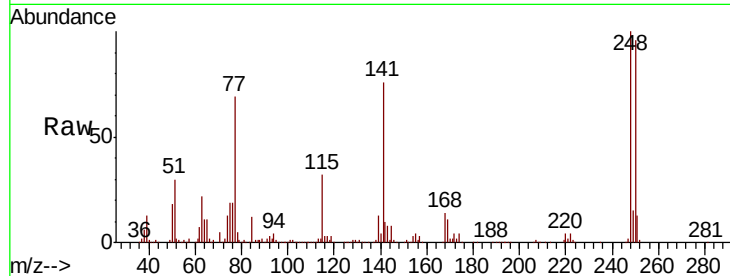




#67  
 4-Bromophenyl-phenylether  
 Concen: 39.484 ng  
 RT: 16.29 min Scan# 2245  
 Delta R.T. -0.02 min  
 Lab File: BM018893.D  
 Acq: 21 Feb 2019 13:31

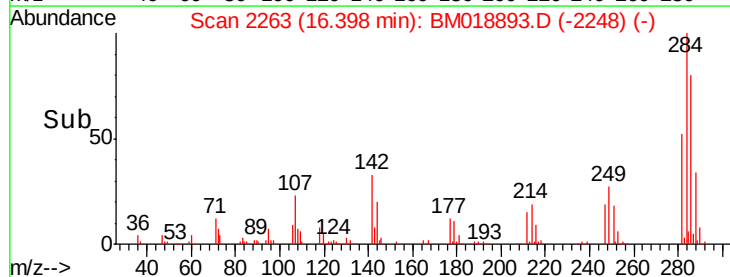
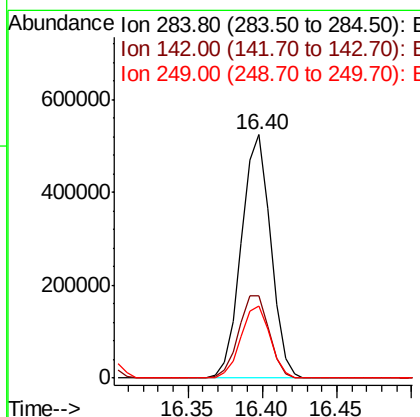
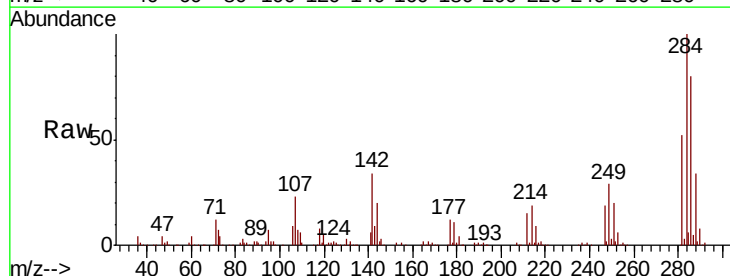
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB117258BS

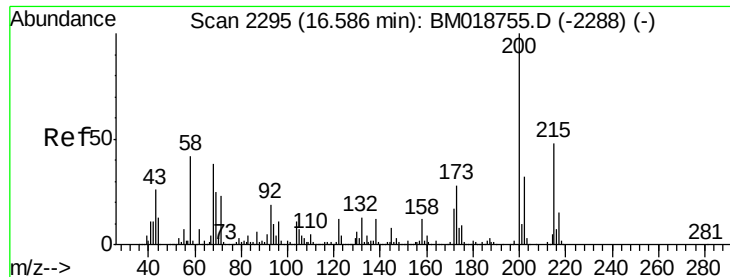
Tgt Ion:248 Resp: 614651  
 Ion Ratio Lower Upper  
 248 100  
 250 96.0 79.0 118.6  
 141 75.9 58.6 88.0



#68  
 Hexachlorobenzene  
 Concen: 39.435 ng  
 RT: 16.40 min Scan# 2263  
 Delta R.T. -0.01 min  
 Lab File: BM018893.D  
 Acq: 21 Feb 2019 13:31

Tgt Ion:284 Resp: 713561  
 Ion Ratio Lower Upper  
 284 100  
 142 34.0 28.9 43.3  
 249 29.5 24.8 37.2





#69

Atrazine

Concen: 43.318 ng

RT: 16.57 min Scan# 2293

Delta R.T. -0.01 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

Instrument :

BNA\_M

ClientSampleId :

PB117258BS

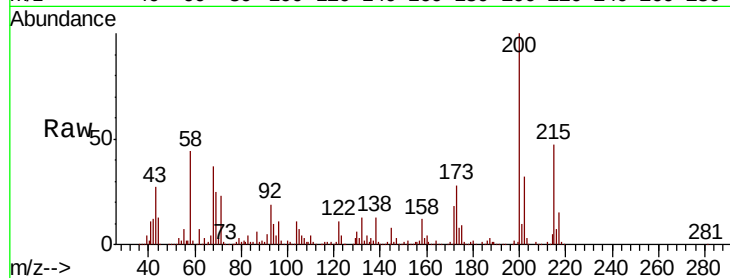
Tgt Ion:200 Resp: 613630

Ion Ratio Lower Upper

200 100

173 28.5 7.6 47.6

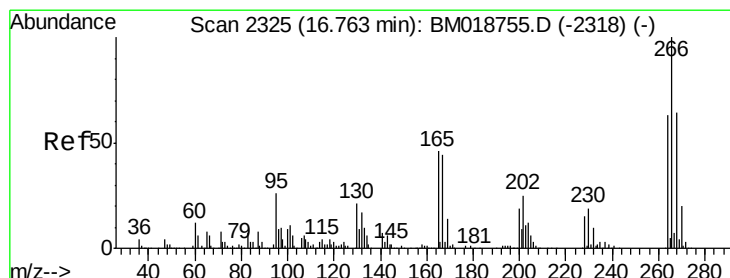
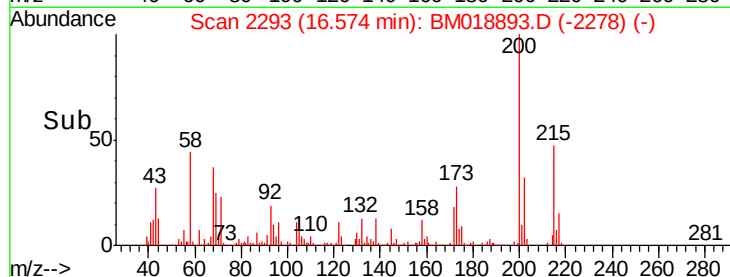
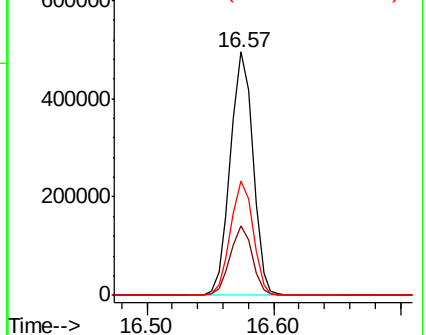
215 46.8 27.6 67.6



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: 74.964 ng

RT: 16.75 min Scan# 2323

Delta R.T. -0.01 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

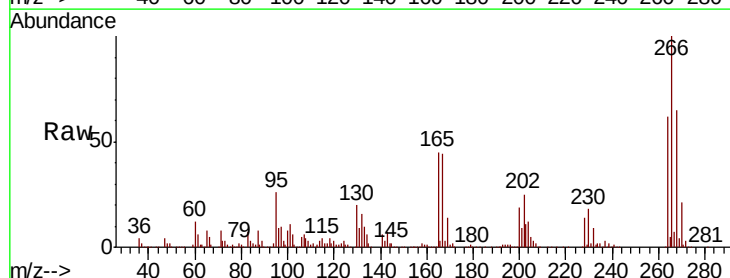
Tgt Ion:266 Resp: 873380

Ion Ratio Lower Upper

266 100

268 64.8 51.3 76.9

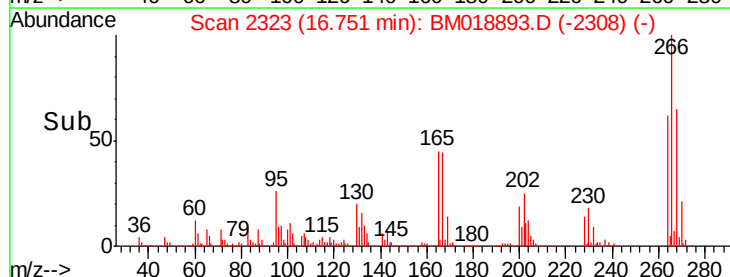
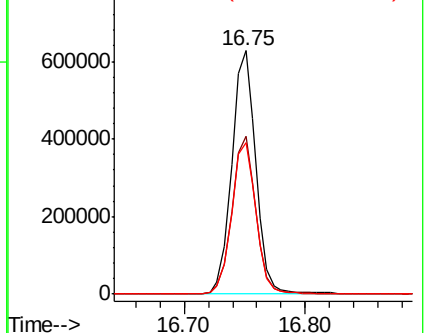
264 62.5 50.6 75.8

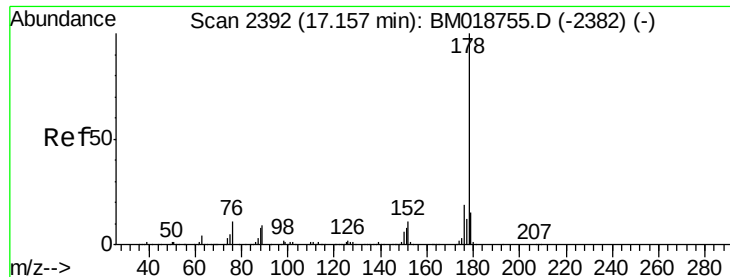


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 43.323 ng

RT: 17.14 min Scan# 2390

Delta R.T. -0.01 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

Instrument :

BNA\_M

ClientSampleId :

PB117258BS

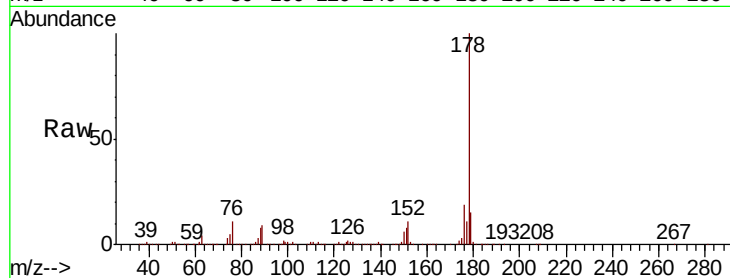
Tgt Ion:178 Resp: 3238032

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.0

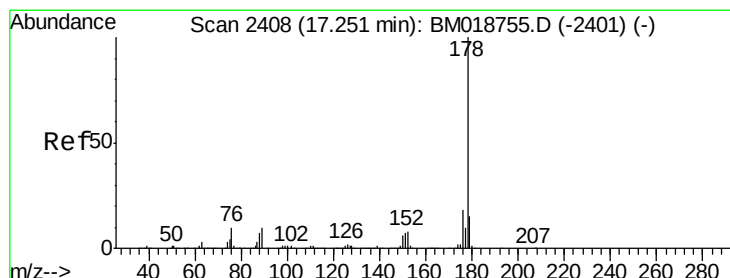
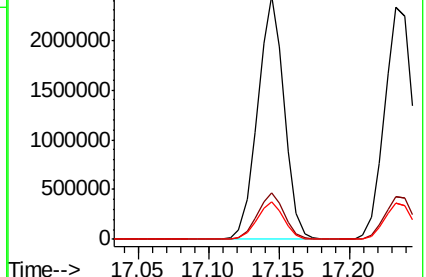
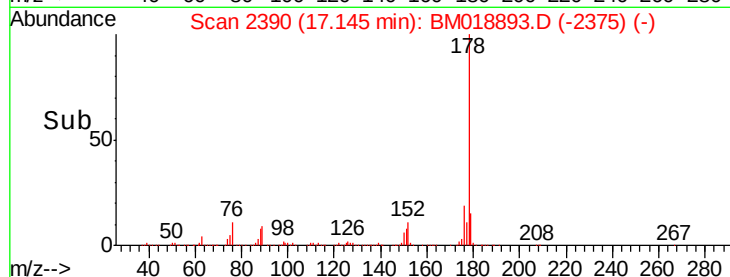
179 15.4 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.926 ng

RT: 17.23 min Scan# 2405

Delta R.T. -0.02 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

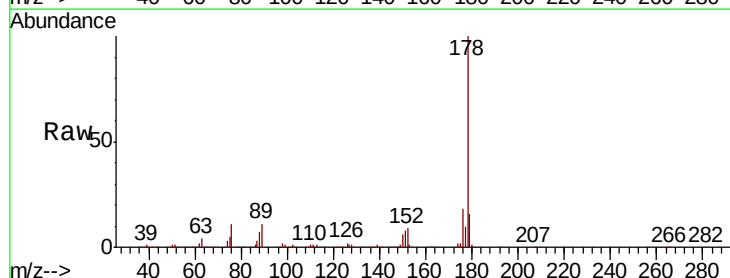
Tgt Ion:178 Resp: 3268284

Ion Ratio Lower Upper

178 100

176 18.4 14.8 22.2

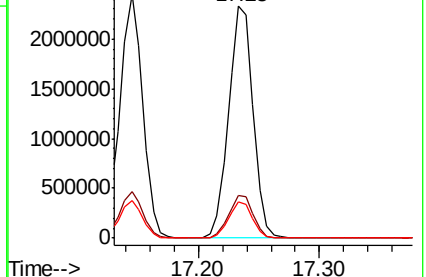
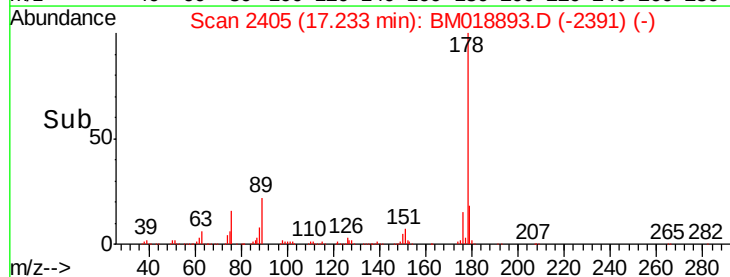
179 15.5 12.1 18.1



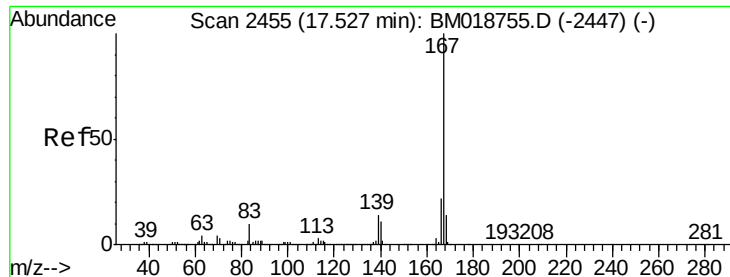
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E







#73

Carbazole

Concen: 38.887 ng

RT: 17.52 min Scan# 2453

Delta R.T. -0.01 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

Instrument :

BNA\_M

ClientSampleId :

PB117258BS

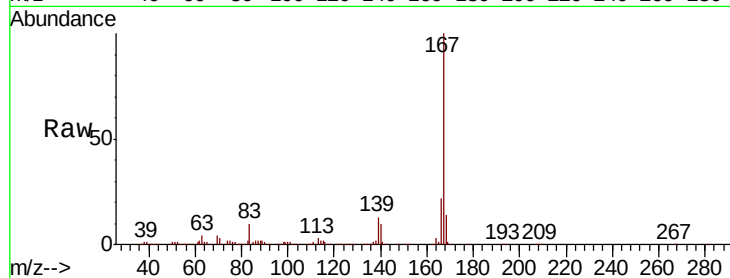
Tgt Ion:167 Resp: 2955590

Ion Ratio Lower Upper

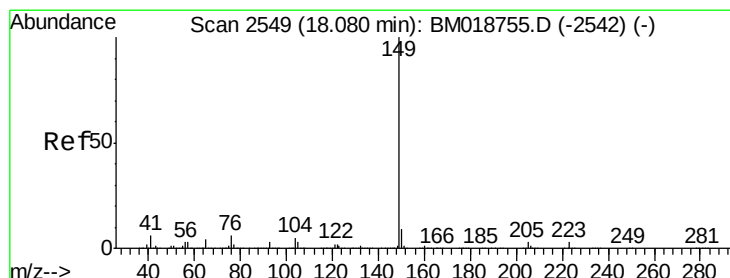
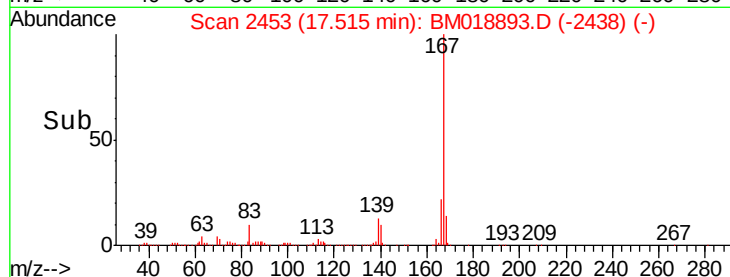
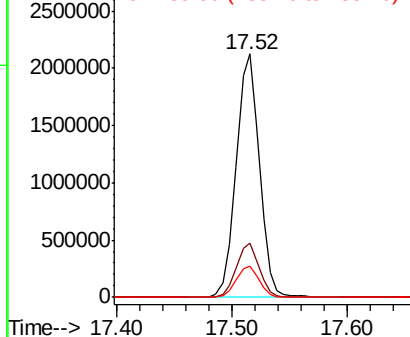
167 100

166 22.1 17.7 26.5

139 13.0 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: 42.354 ng

RT: 18.07 min Scan# 2547

Delta R.T. -0.01 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

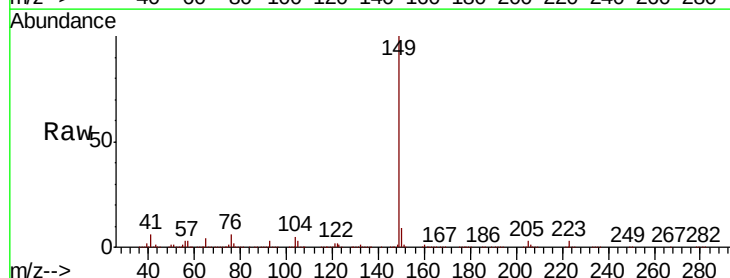
Tgt Ion:149 Resp: 3702183

Ion Ratio Lower Upper

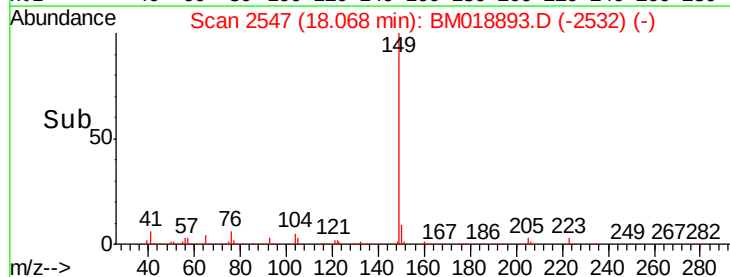
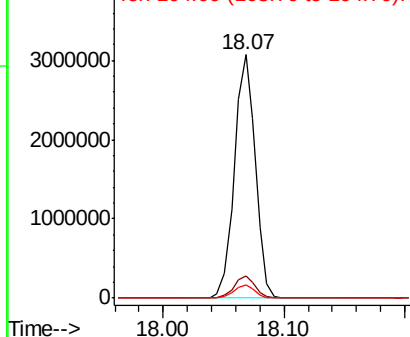
149 100

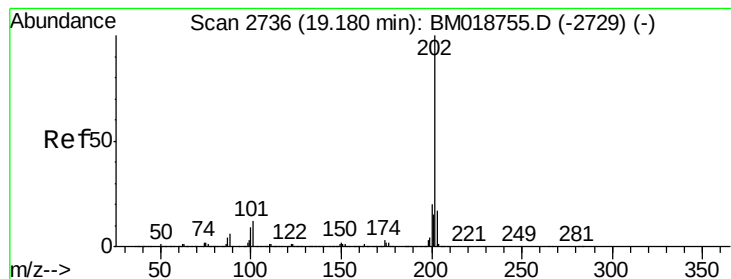
150 9.1 7.4 11.0

104 5.3 4.3 6.5



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





#75

Fluoranthene

Concen: 42.306 ng

RT: 19.17 min Scan# 2734

Delta R.T. -0.01 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

Instrument :

BNA\_M

ClientSampleId :

PB117258BS

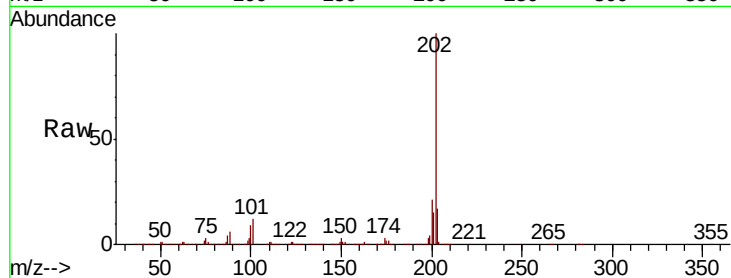
Tgt Ion:202 Resp: 3652559

Ion Ratio Lower Upper

202 100

101 12.0 0.0 31.5

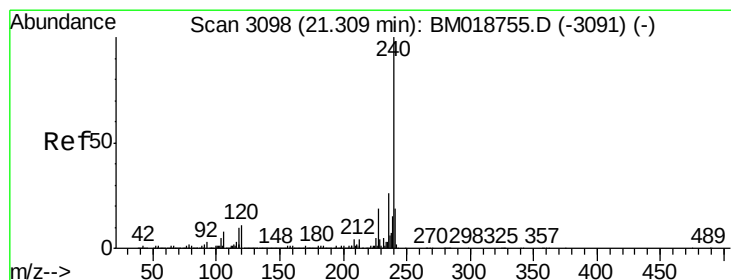
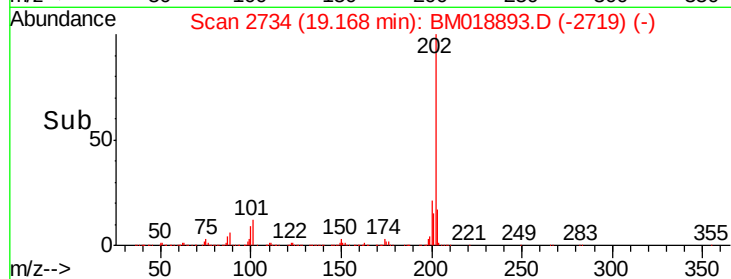
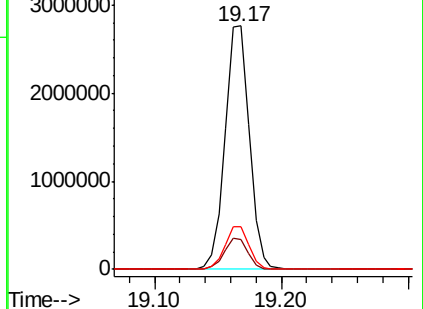
203 17.4 0.0 37.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.30 min Scan# 3096

Delta R.T. -0.01 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

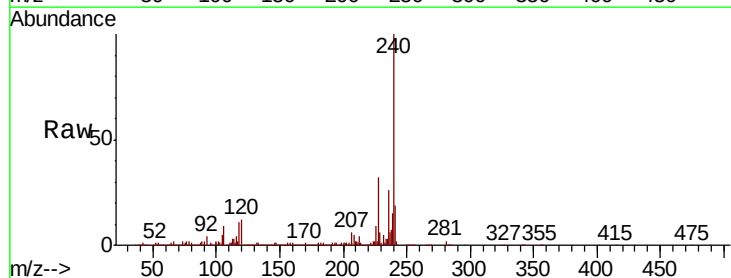
Tgt Ion:240 Resp: 1386952

Ion Ratio Lower Upper

240 100

120 11.5 8.9 13.3

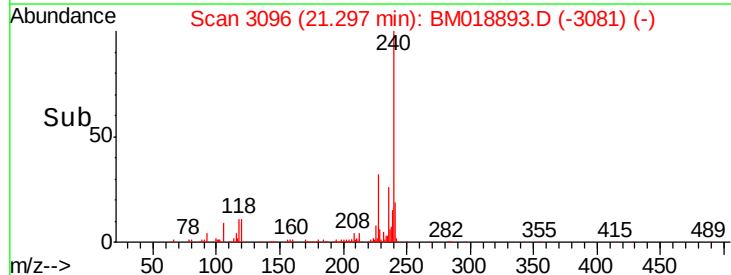
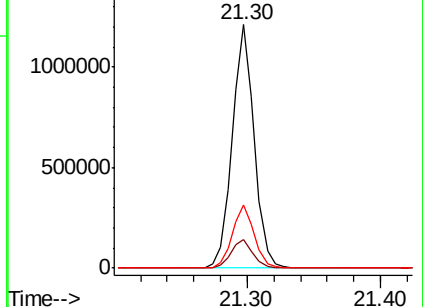
236 26.0 20.9 31.3

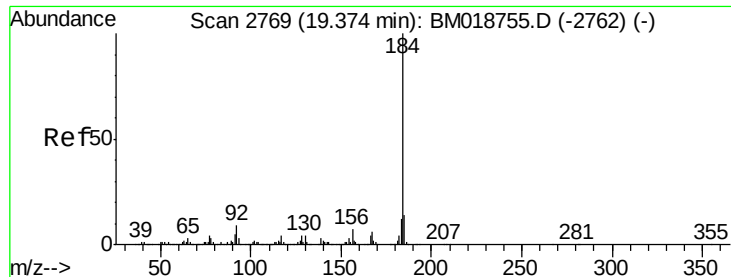


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.508 ng

RT: 19.36 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

Instrument :

BNA\_M

ClientSampleId :

PB117258BS

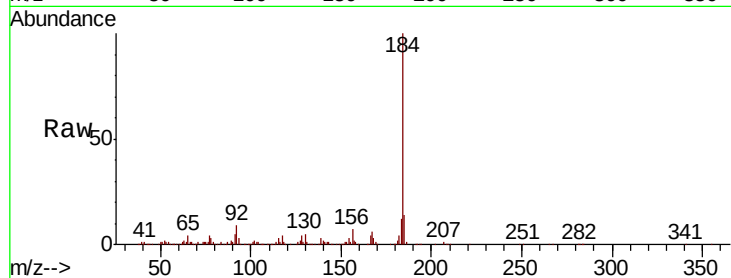
Tgt Ion:184 Resp: 1265298

Ion Ratio Lower Upper

184 100

185 13.9 11.2 16.8

183 12.2 9.7 14.5

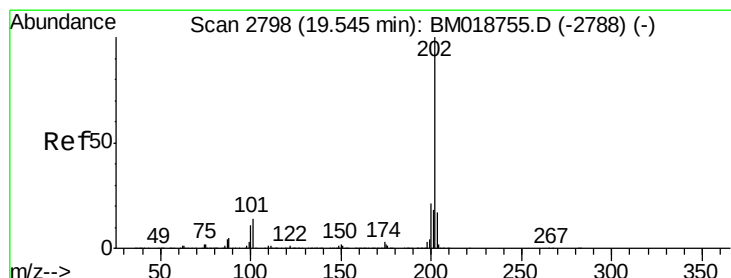
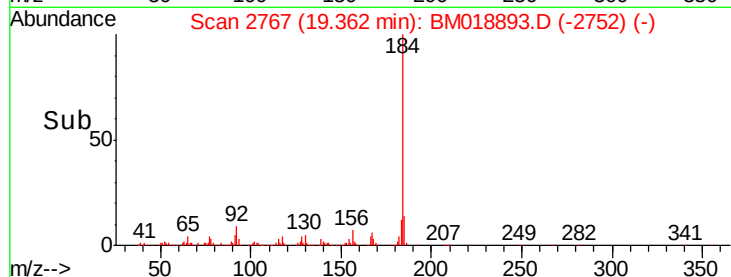
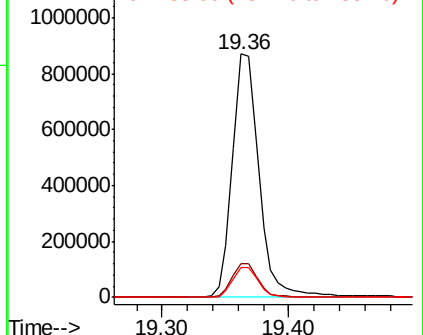


Abundance

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: 46.580 ng

RT: 19.53 min Scan# 2796

Delta R.T. -0.01 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

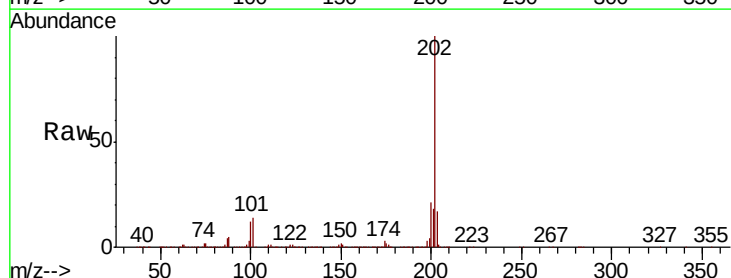
Tgt Ion:202 Resp: 3752150

Ion Ratio Lower Upper

202 100

200 21.1 16.9 25.3

203 17.4 13.8 20.8

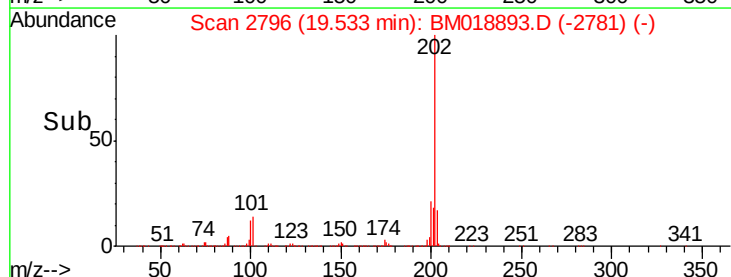
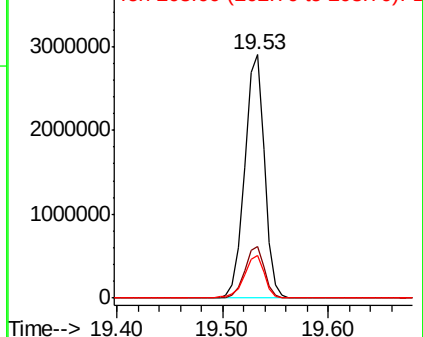


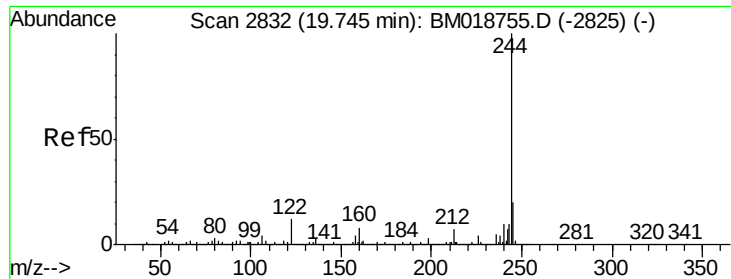
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 94.145 ng

RT: 19.73 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

Instrument :

BNA\_M

ClientSampleId :

PB117258BS

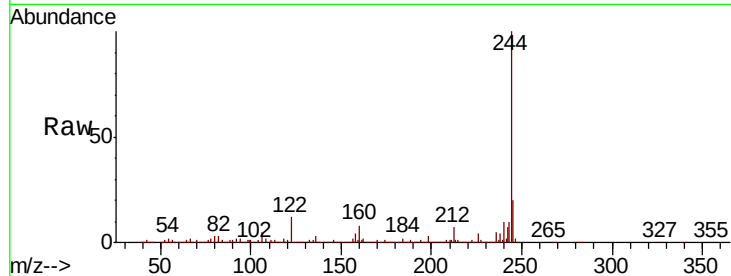
Tgt Ion:244 Resp: 6329684

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

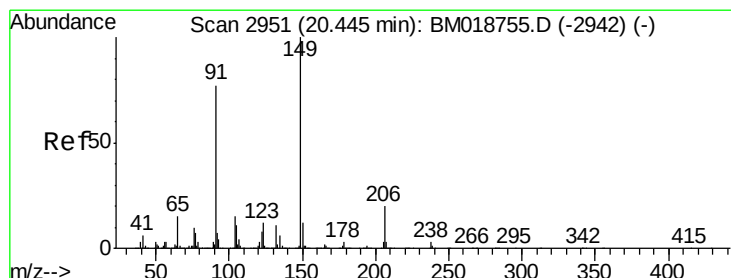
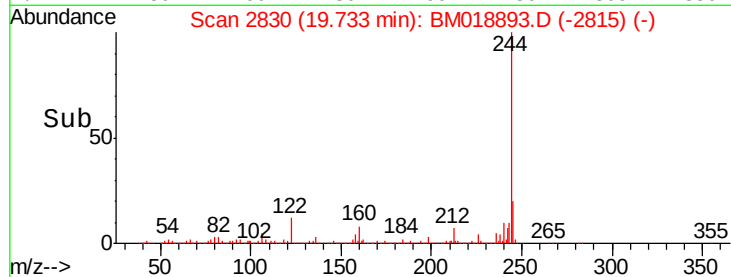
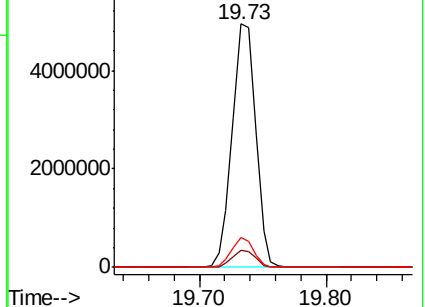
122 12.0 9.3 13.9



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: 47.155 ng

RT: 20.43 min Scan# 2949

Delta R.T. -0.01 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

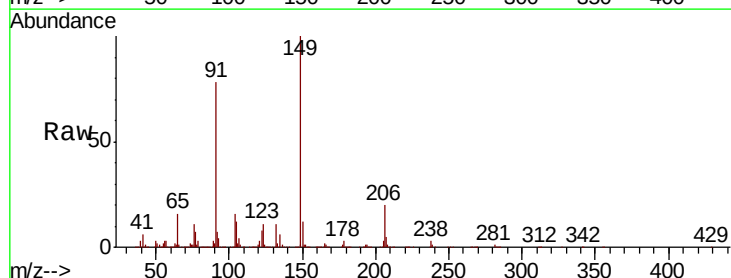
Tgt Ion:149 Resp: 1731110

Ion Ratio Lower Upper

149 100

91 77.5 61.4 92.0

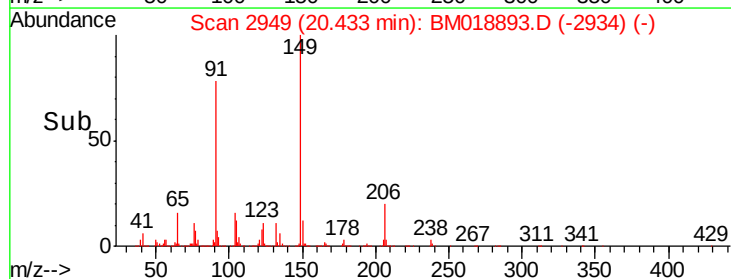
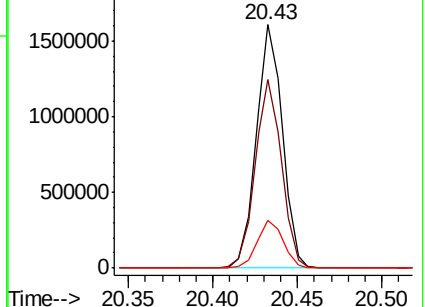
206 19.5 15.8 23.8

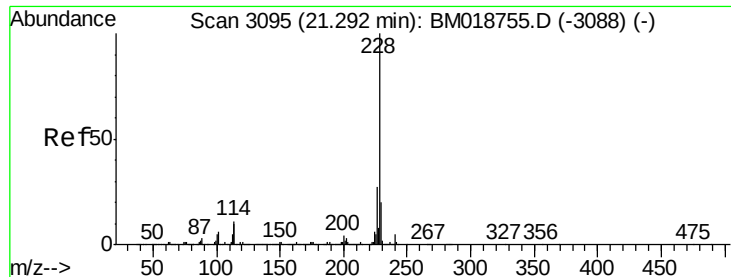


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.703 ng

RT: 21.28 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

Instrument :

BNA\_M

ClientSampleId :

PB117258BS

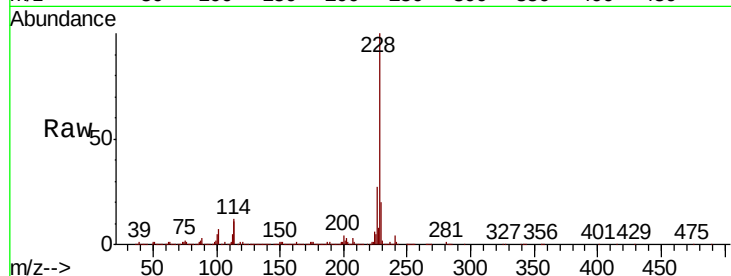
Tgt Ion:228 Resp: 3533276

Ion Ratio Lower Upper

228 100

226 27.2 21.9 32.9

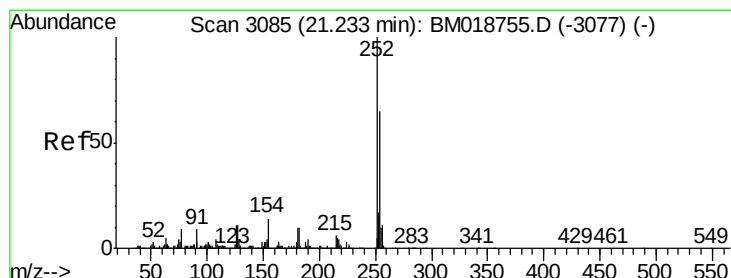
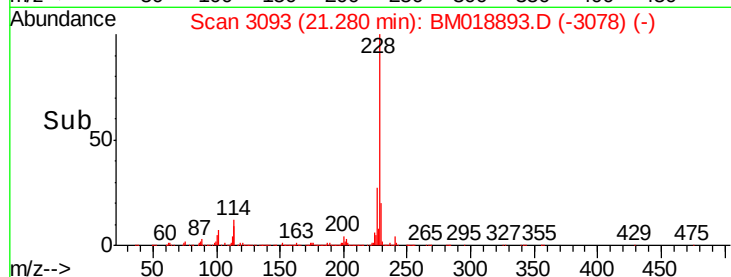
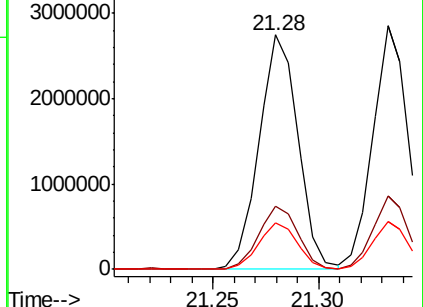
229 20.0 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 30.852 ng

RT: 21.22 min Scan# 3083

Delta R.T. -0.01 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

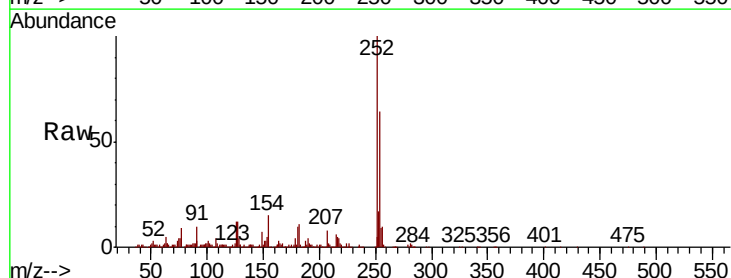
Tgt Ion:252 Resp: 985809

Ion Ratio Lower Upper

252 100

254 63.7 51.8 77.8

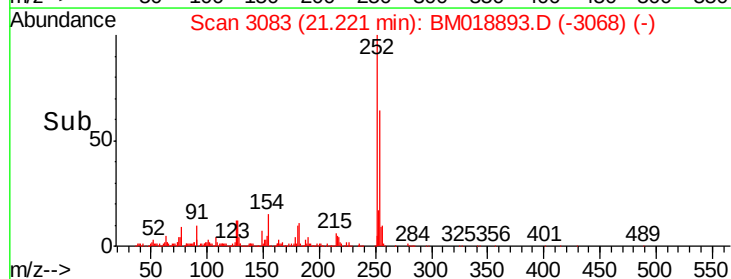
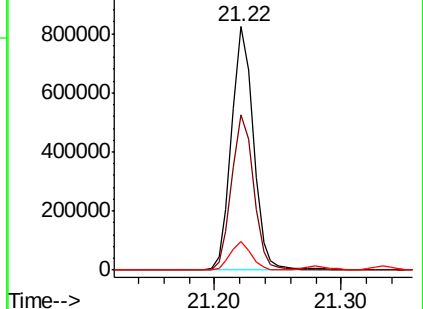
126 11.7 9.1 13.7

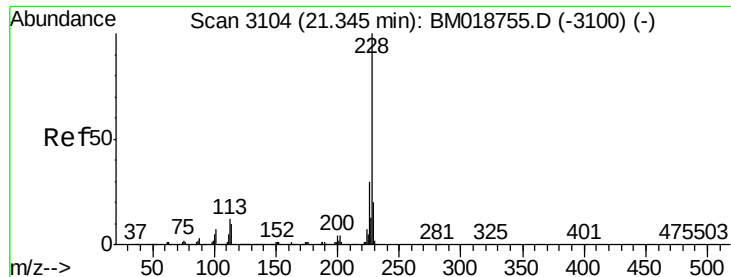


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.671 ng

RT: 21.33 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

Instrument :

BNA\_M

ClientSampleId :

PB117258BS

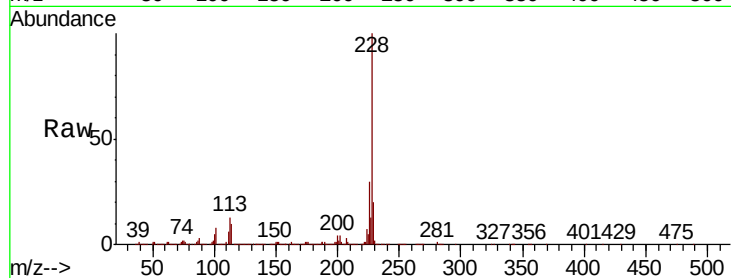
Tgt Ion:228 Resp: 3306627

Ion Ratio Lower Upper

228 100

226 30.1 24.1 36.1

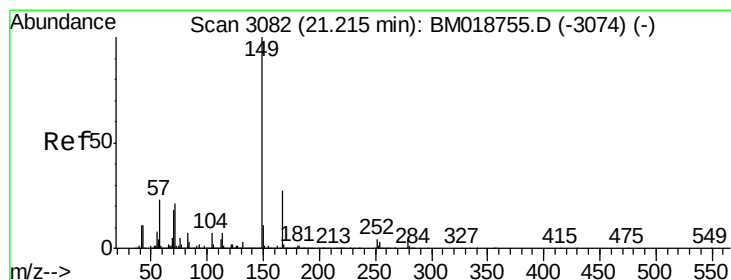
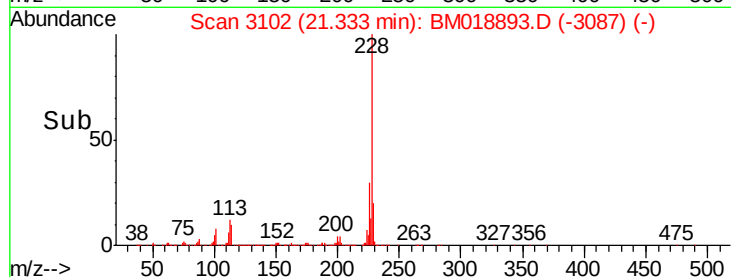
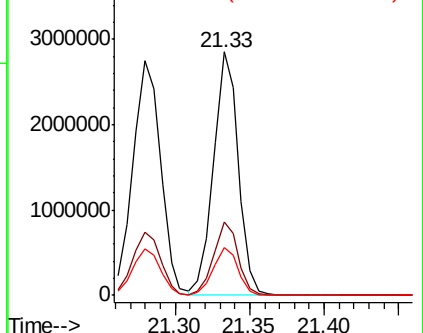
229 19.6 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.734 ng

RT: 21.20 min Scan# 3080

Delta R.T. -0.01 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

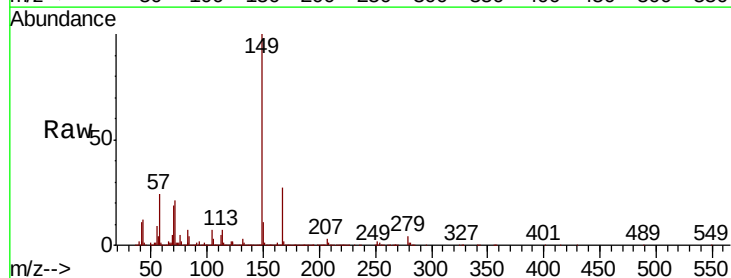
Tgt Ion:149 Resp: 2511040

Ion Ratio Lower Upper

149 100

167 26.8 21.8 32.6

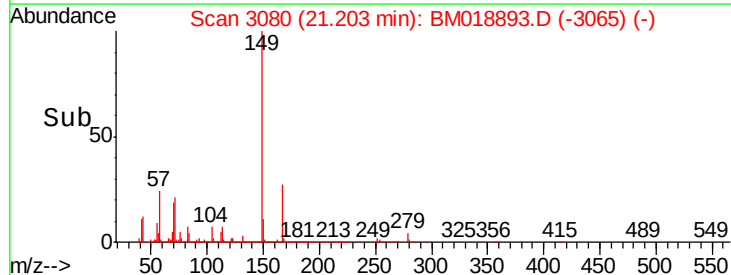
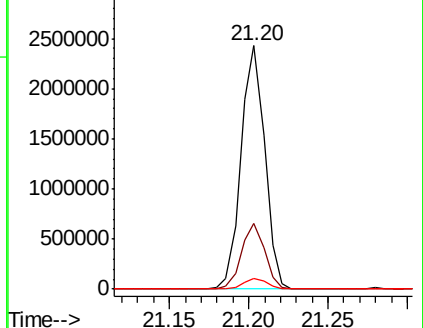
279 4.3 3.6 5.4

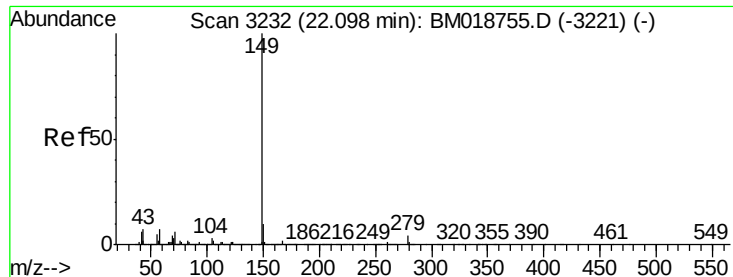


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

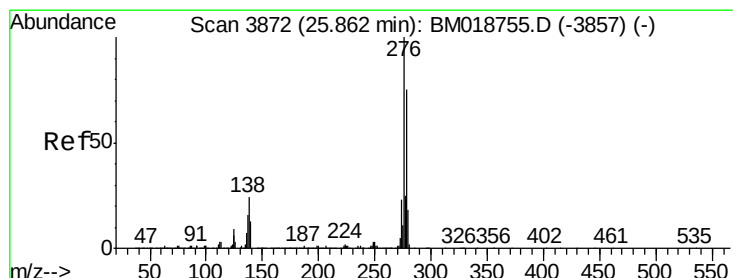
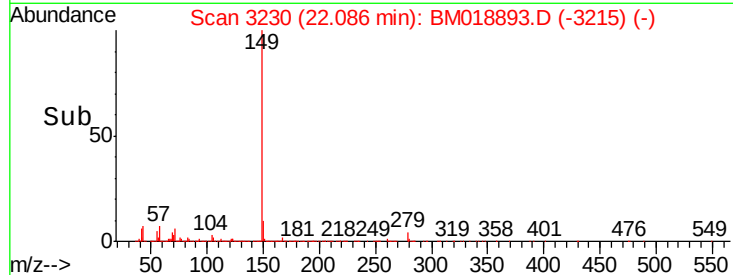
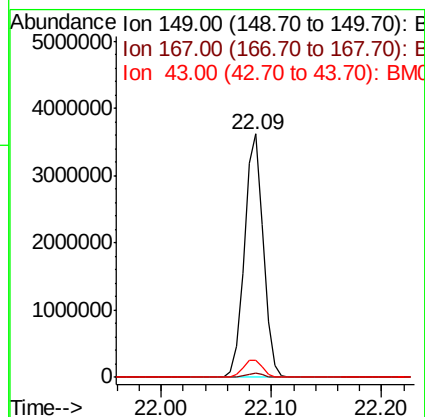
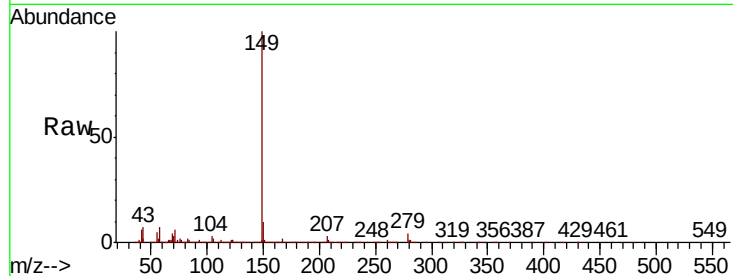




#85  
Di-n-octyl phthalate  
Concen: 47.846 ng  
RT: 22.09 min Scan# 3230  
Delta R.T. -0.01 min  
Lab File: BM018893.D  
Acq: 21 Feb 2019 13:31

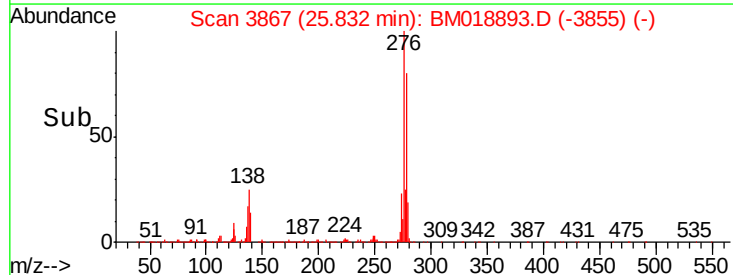
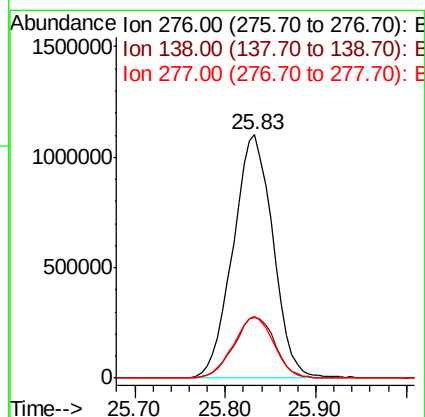
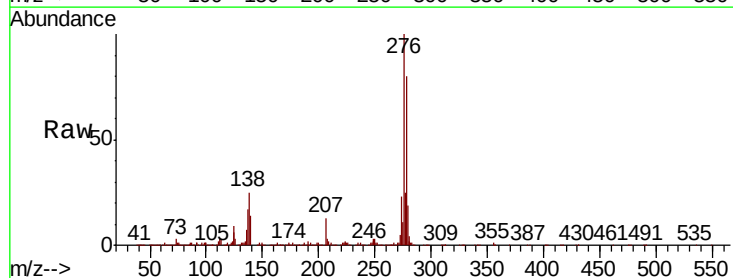
Instrument :  
BNA\_M  
ClientSampleId :  
PB117258BS

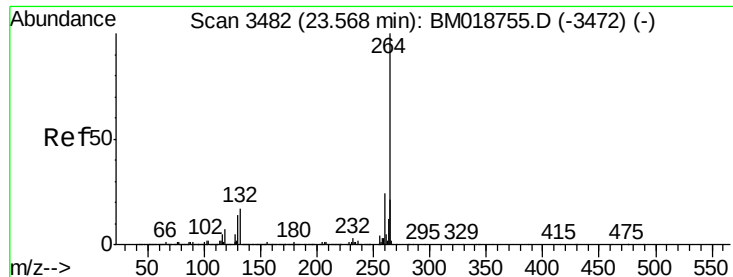
Tgt Ion:149 Resp: 4320768  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 7.7 6.0 9.0



#86  
Indeno(1,2,3-cd)pyrene  
Concen: 37.330 ng  
RT: 25.83 min Scan# 3867  
Delta R.T. -0.03 min  
Lab File: BM018893.D  
Acq: 21 Feb 2019 13:31

Tgt Ion:276 Resp: 3339818  
Ion Ratio Lower Upper  
276 100  
138 25.6 20.2 30.4  
277 25.4 20.3 30.5





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.54 min Scan# 3478

Delta R.T. -0.02 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

Instrument :

BNA\_M

ClientSampleId :

PB117258BS

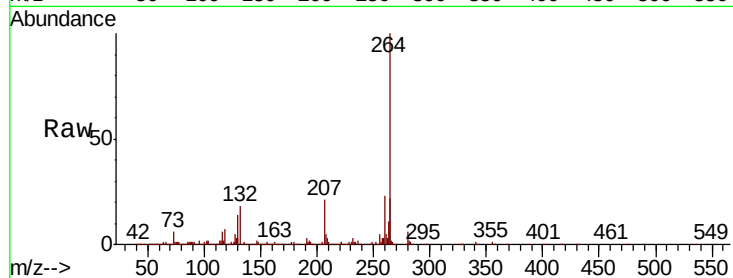
Tgt Ion:264 Resp: 1165657

Ion Ratio Lower Upper

264 100

260 23.2 18.9 28.3

265 21.6 17.3 25.9

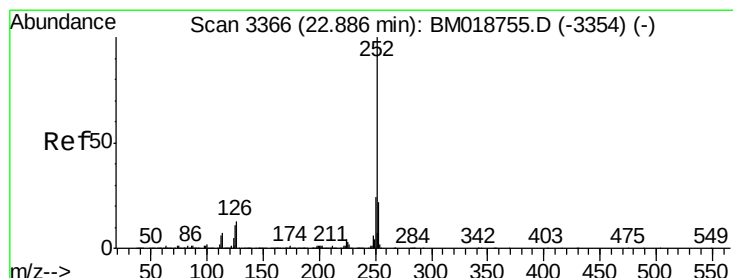
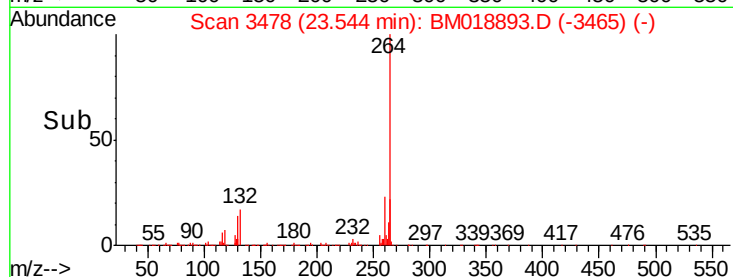
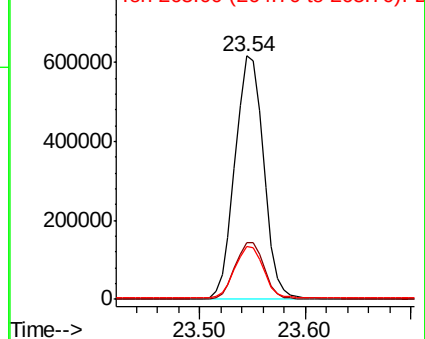


Abundance

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: 49.115 ng

RT: 22.87 min Scan# 3363

Delta R.T. -0.02 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

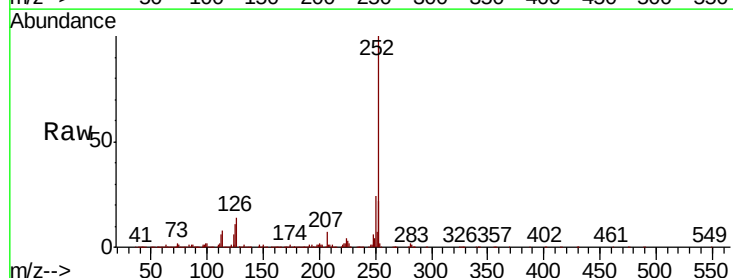
Tgt Ion:252 Resp: 3275567

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

125 10.9 8.6 12.8

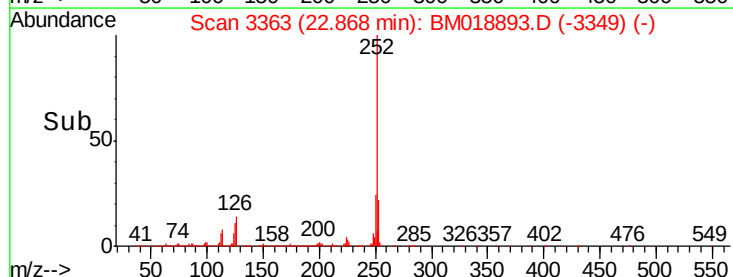
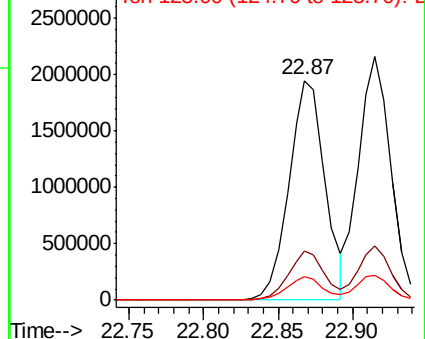


Abundance

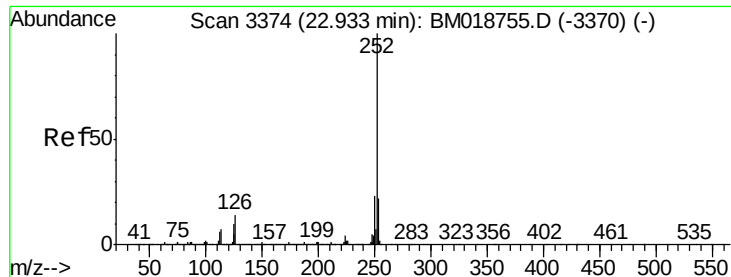
Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



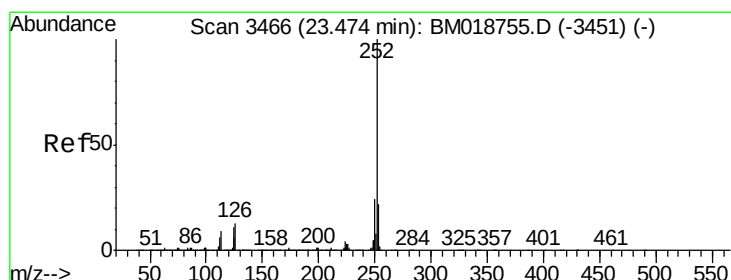
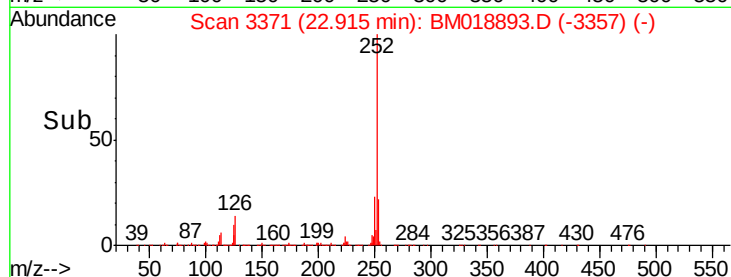
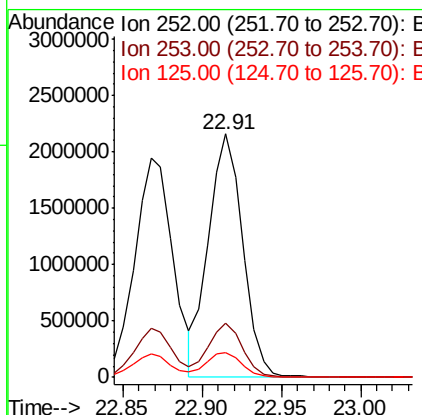
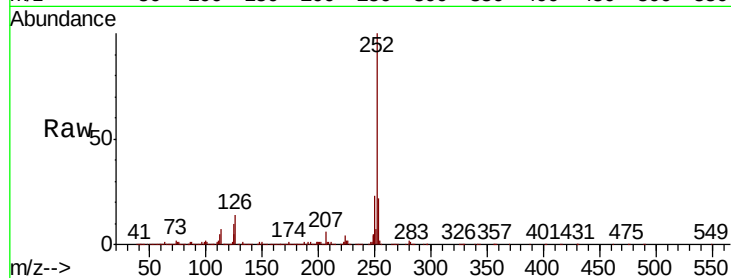




#89  
Benzo(k)fluoranthene  
Concen: 48.830 ng  
RT: 22.91 min Scan# 3371  
Delta R.T. -0.02 min  
Lab File: BM018893.D  
Acq: 21 Feb 2019 13:31

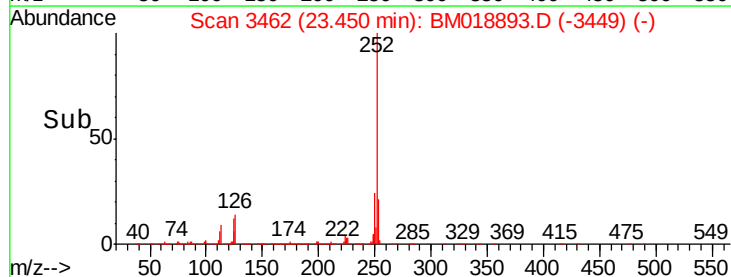
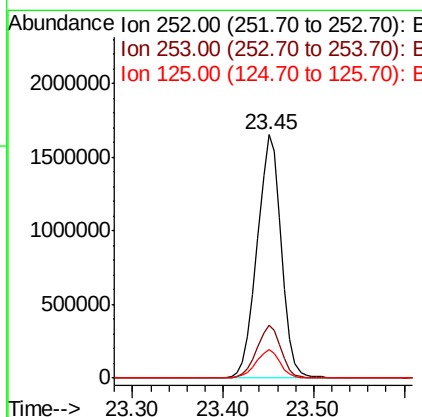
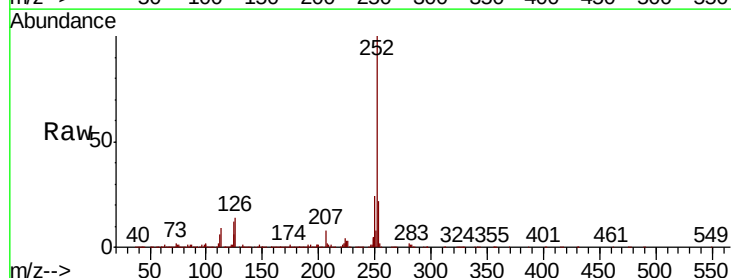
Instrument :  
BNA\_M  
ClientSampleId :  
PB117258BS

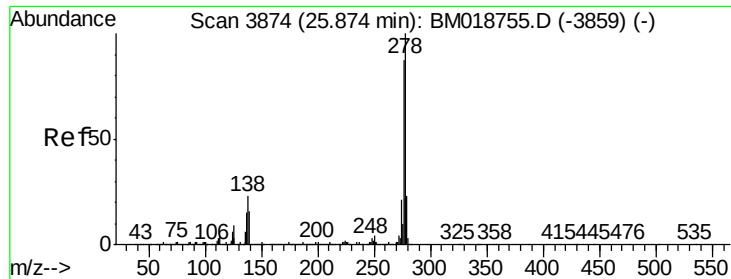
Tgt Ion:252 Resp: 3242085  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.7 26.5  
125 10.3 8.2 12.4



#90  
Benzo(a)pyrene  
Concen: 48.437 ng  
RT: 23.45 min Scan# 3462  
Delta R.T. -0.02 min  
Lab File: BM018893.D  
Acq: 21 Feb 2019 13:31

Tgt Ion:252 Resp: 3060185  
Ion Ratio Lower Upper  
252 100  
253 21.6 17.4 26.0  
125 11.6 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 46.065 ng

RT: 25.84 min Scan# 3869

Delta R.T. -0.03 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

Instrument :

BNA\_M

ClientSampleId :

PB117258BS

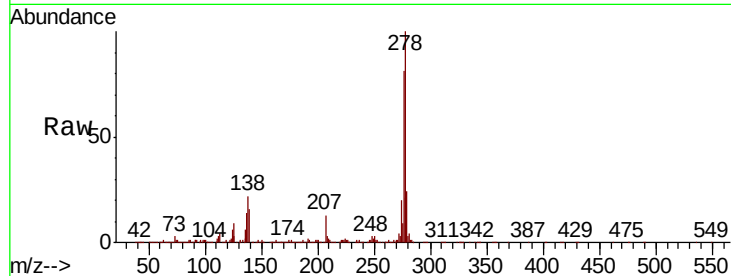
Tgt Ion:278 Resp: 2883360

Ion Ratio Lower Upper

278 100

139 16.0 12.6 18.8

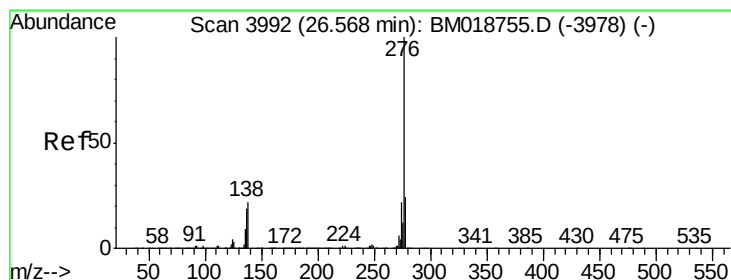
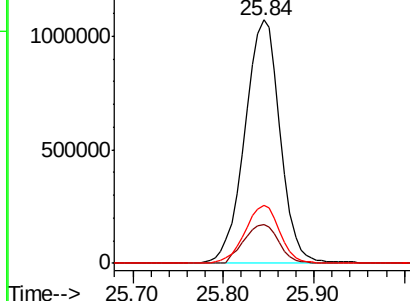
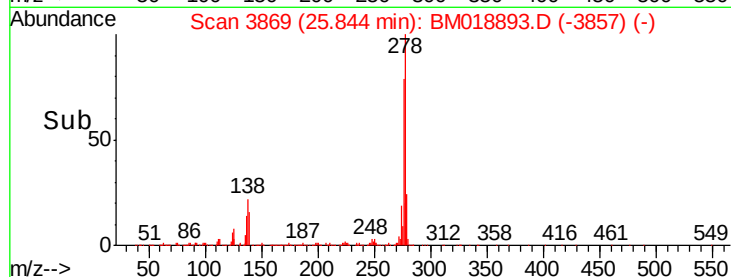
279 23.7 18.6 28.0



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: 46.448 ng

RT: 26.53 min Scan# 3986

Delta R.T. -0.04 min

Lab File: BM018893.D

Acq: 21 Feb 2019 13:31

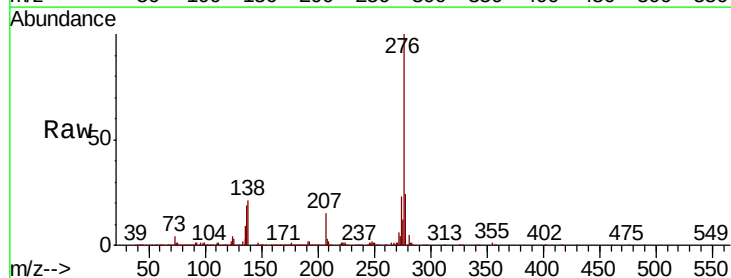
Tgt Ion:276 Resp: 2706656

Ion Ratio Lower Upper

276 100

277 23.8 19.2 28.8

138 21.4 17.3 25.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

