

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM030119\  
 Data File : BM018998.D  
 Acq On : 01 Mar 2019 21:56  
 Operator : JU/SJ  
 Sample : k1675-33MS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 Z-3-13-BMS

Quant Time: Mar 02 01:34:42 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 | 7.68  | 152  | 319984   | 20.00 | ng    | -0.04    |
| 21) Naphthalene-d8        | 10.47 | 136  | 1330988  | 20.00 | ng    | -0.04    |
| 39) Acenaphthene-d10      | 14.33 | 164  | 717785   | 20.00 | ng    | -0.03    |
| 64) Phenanthrene-d10      | 17.09 | 188  | 1450275  | 20.00 | ng    | -0.03    |
| 76) Chrysene-d12          | 21.29 | 240  | 1109955  | 20.00 | ng    | -0.02    |
| 87) Perylene-d12          | 23.53 | 264  | 1140653  | 20.00 | ng    | -0.04    |

## System Monitoring Compounds

|                          |       |     |         |       |    |       |
|--------------------------|-------|-----|---------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.28  | 112 | 1783430 | 91.32 | ng | -0.02 |
| 7) Phenol-d6             | 6.86  | 99  | 2557937 | 92.97 | ng | -0.02 |
| 23) Nitrobenzene-d5      | 8.85  | 82  | 1608558 | 55.88 | ng | -0.04 |
| 42) 2,4,6-Tribromophenol | 15.83 | 330 | 865262  | 83.63 | ng | -0.03 |
| 45) 2-Fluorobiphenyl     | 12.95 | 172 | 2997687 | 55.44 | ng | -0.03 |
| 79) Terphenyl-d14        | 19.72 | 244 | 3423943 | 63.64 | ng | -0.02 |

## Target Compounds

|                                |       |     |         |        |    | Qvalue |
|--------------------------------|-------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.24  | 88  | 192364  | 22.615 | ng | 100    |
| 3) Pyridine                    | 3.63  | 79  | 541243  | 23.328 | ng | 98     |
| 4) n-Nitrosodimethylamine      | 3.56  | 42  | 184469  | 31.253 | ng | 97     |
| 6) Aniline                     | 7.03  | 93  | 748681  | 22.210 | ng | 100    |
| 8) 2-Chlorophenol              | 7.25  | 128 | 642628  | 29.971 | ng | 100    |
| 9) Benzaldehyde                | 6.84  | 77  | 515063  | 32.567 | ng | 100    |
| 10) Phenol                     | 6.89  | 94  | 890929  | 30.777 | ng | 99     |
| 11) bis(2-Chloroethyl)ether    | 7.12  | 93  | 604895  | 27.393 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 7.57  | 146 | 630798  | 26.163 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 7.72  | 146 | 649390  | 26.457 | ng | 100    |
| 14) 1,2-Dichlorobenzene        | 8.03  | 146 | 632049  | 26.808 | ng | 100    |
| 15) Benzyl Alcohol             | 7.93  | 79  | 617459  | 28.245 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.21  | 45  | 608198  | 28.457 | ng | 97     |
| 17) 2-Methylphenol             | 8.13  | 107 | 542789  | 29.460 | ng | 97     |
| 18) Hexachloroethane           | 8.74  | 117 | 237729  | 26.532 | ng | 95     |
| 19) n-Nitroso-di-n-propylamine | 8.49  | 70  | 568637  | 26.694 | ng | 98     |
| 20) 3+4-Methylphenols          | 8.46  | 107 | 732243  | 28.781 | ng | 99     |
| 22) Acetophenone               | 8.52  | 105 | 938868  | 25.686 | ng | # 99   |
| 24) Nitrobenzene               | 8.89  | 77  | 808470  | 27.058 | ng | 99     |
| 25) Isophorone                 | 9.41  | 82  | 1412732 | 30.759 | ng | 100    |
| 26) 2-Nitrophenol              | 9.60  | 139 | 339159  | 28.503 | ng | 97     |
| 27) 2,4-Dimethylphenol         | 9.65  | 122 | 562207  | 32.350 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 9.89  | 93  | 840996  | 28.316 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 10.12 | 162 | 582527  | 29.192 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 10.33 | 180 | 611381  | 26.529 | ng | 98     |
| 31) Naphthalene                | 10.52 | 128 | 1876495 | 28.908 | ng | 99     |
| 32) Benzoic acid               | 9.75  | 122 | 47895   | 3.159  | ng | 94     |
| 33) 4-Chloroaniline            | 10.65 | 127 | 353894  | 12.196 | ng | 97     |
| 34) Hexachlorobutadiene        | 10.78 | 225 | 330840  | 24.733 | ng | 99     |
| 35) Caprolactam                | 11.46 | 113 | 147803  | 18.148 | ng | 97     |
| 36) 4-Chloro-3-methylphenol    | 11.77 | 107 | 645361  | 26.823 | ng | 98     |
| 37) 2-Methylnaphthalene        | 12.14 | 142 | 1362673 | 29.816 | ng | 99     |
| 38) 1-Methylnaphthalene        | 12.36 | 142 | 1291142 | 28.890 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.50 | 216 | 642274  | 27.972 | ng | 99     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM030119\  
 Data File : BM018998.D  
 Acq On : 01 Mar 2019 21:56  
 Operator : JU/SJ  
 Sample : k1675-33MS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

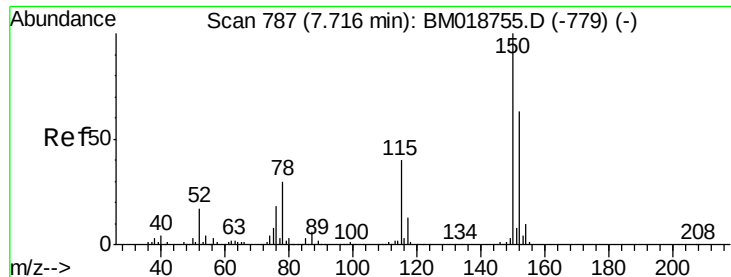
Instrument :  
 BNA\_M  
 ClientSampleId :  
 Z-3-13-BMS

Quant Time: Mar 02 01:34:42 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  | 12.47 | 237  | 661994   | 56.391 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 12.76 | 196  | 450881   | 29.663 | ng    | 100      |
| 44) 2,4,5-Trichlorophenol      | 12.83 | 196  | 470975   | 29.562 | ng    | 99       |
| 46) 1,1'-Biphenyl              | 13.16 | 154  | 1712752  | 27.721 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.20 | 162  | 1328043  | 27.829 | ng    | 99       |
| 48) 2-Nitroaniline             | 13.43 | 65   | 435715   | 27.491 | ng    | 99       |
| 49) Acenaphthylene             | 14.06 | 152  | 2110269  | 29.697 | ng    | 100      |
| 50) Dimethylphthalate          | 13.80 | 163  | 1828341  | 30.564 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 13.93 | 165  | 361487   | 27.896 | ng    | 93       |
| 52) Acenaphthene               | 14.40 | 154  | 1219109  | 27.979 | ng    | 100      |
| 53) 3-Nitroaniline             | 14.26 | 138  | 251562   | 17.181 | ng    | 98       |
| 54) 2,4-Dinitrophenol          | 14.47 | 184  | 241517   | 33.019 | ng    | 99       |
| 55) Dibenzofuran               | 14.73 | 168  | 1952126  | 27.258 | ng    | 99       |
| 56) 4-Nitrophenol              | 14.57 | 139  | 573490   | 49.066 | ng    | 99       |
| 57) 2,4-Dinitrotoluene         | 14.72 | 165  | 482811   | 27.042 | ng    | 98       |
| 58) Fluorene                   | 15.39 | 166  | 1561854  | 28.507 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 14.96 | 232  | 407586   | 28.943 | ng    | 99       |
| 60) Diethylphthalate           | 15.17 | 149  | 1628234  | 26.387 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.39 | 204  | 770515   | 25.083 | ng    | 97       |
| 62) 4-Nitroaniline             | 15.43 | 138  | 322024   | 22.434 | ng    | 99       |
| 63) Azobenzene                 | 15.68 | 77   | 1747677  | 26.415 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.48 | 198  | 228028   | 22.394 | ng    | 99       |
| 66) n-Nitrosodiphenylamine     | 15.60 | 169  | 1346501  | 29.387 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.28 | 248  | 450865   | 27.774 | ng    | 99       |
| 68) Hexachlorobenzene          | 16.39 | 284  | 520467   | 27.583 | ng    | 95       |
| 69) Atrazine                   | 16.56 | 200  | 437708   | 29.631 | ng    | 99       |
| 70) Pentachlorophenol          | 16.73 | 266  | 603920   | 49.709 | ng    | 98       |
| 71) Phenanthrene               | 17.13 | 178  | 2256383  | 28.950 | ng    | 99       |
| 72) Anthracene                 | 17.22 | 178  | 2292236  | 30.216 | ng    | 100      |
| 73) Carbazole                  | 17.50 | 167  | 1995592  | 25.179 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.05 | 149  | 2576845  | 28.270 | ng    | 100      |
| 75) Fluoranthene               | 19.15 | 202  | 2261493  | 25.119 | ng    | 98       |
| 77) Benzidine                  | 19.36 | 184  | 958884   | 38.359 | ng    | 99       |
| 78) Pyrene                     | 19.52 | 202  | 2254275  | 34.969 | ng    | 100      |
| 80) Butylbenzylphthalate       | 20.42 | 149  | 987376   | 33.608 | ng    | 99       |
| 81) Benzo(a)anthracene         | 21.27 | 228  | 1839581  | 28.432 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.21 | 252  | 615933   | 24.087 | ng    | 99       |
| 83) Chrysene                   | 21.32 | 228  | 1780208  | 28.706 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 21.19 | 149  | 1384379  | 32.195 | ng    | 98       |
| 85) Di-n-octyl phthalate       | 22.07 | 149  | 2151137  | 29.765 | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 25.80 | 276  | 2280093  | 31.845 | ng    | 100      |
| 88) Benzo(b)fluoranthene       | 22.85 | 252  | 1894242  | 29.026 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 22.90 | 252  | 1807761  | 27.824 | ng    | 100      |
| 90) Benzo(a)pyrene             | 23.43 | 252  | 1822895  | 29.486 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 25.81 | 278  | 1957274  | 31.955 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 26.50 | 276  | 1891213  | 33.166 | ng    | 99       |

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



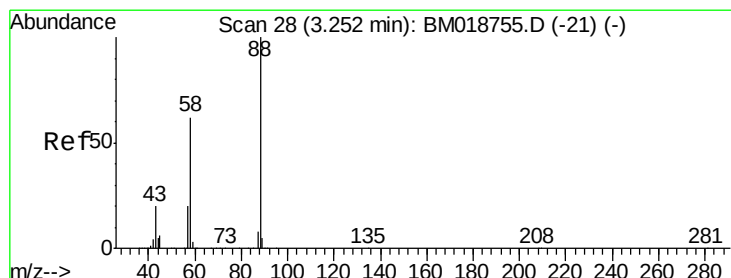
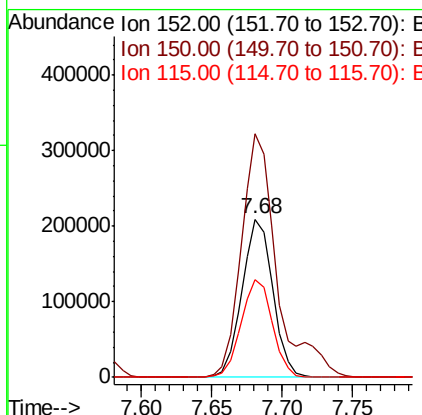
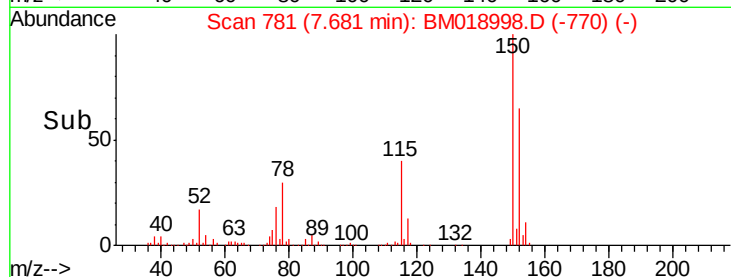
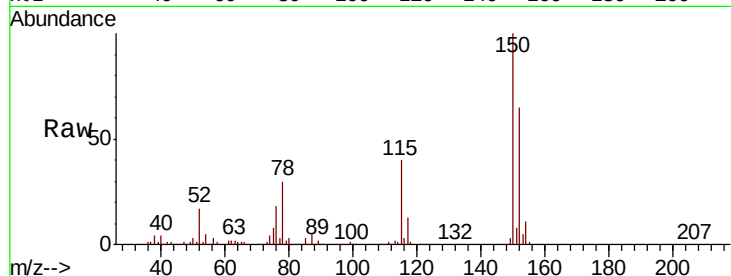


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.68 min Scan# 781  
Delta R.T. -0.04 min  
Lab File: BM018998.D  
Acq: 01 Mar 2019 21:56

Instrument :  
BNA\_M  
ClientSampleId :  
Z-3-13-BMS

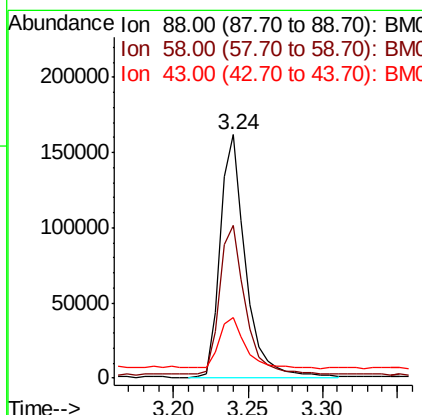
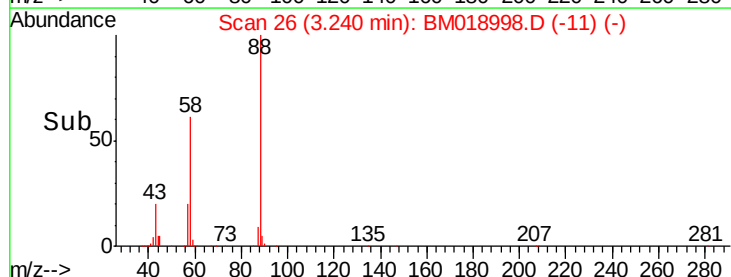
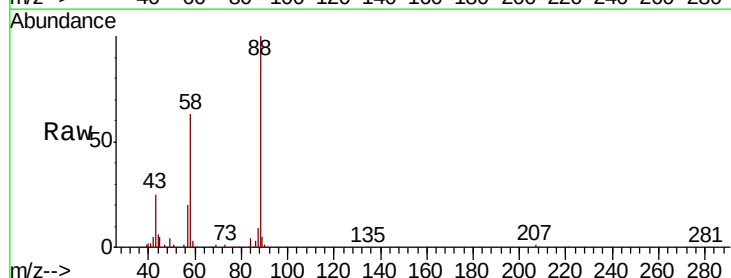
Tgt Ion:152 Resp: 319984  
Ion Ratio Lower Upper  
152 100  
150 154.3 127.3 190.9  
115 62.1 50.8 76.2

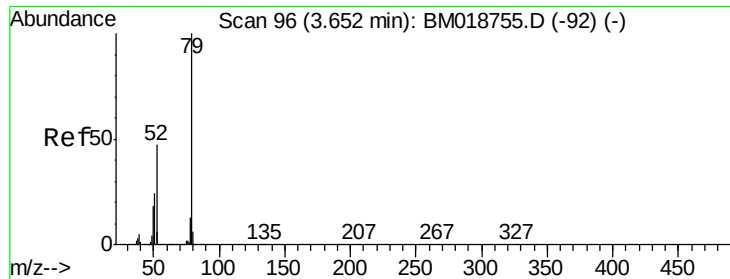


#2

1,4-Dioxane  
Concen: 22.615 ng  
RT: 3.24 min Scan# 26  
Delta R.T. -0.01 min  
Lab File: BM018998.D  
Acq: 01 Mar 2019 21:56

Tgt Ion: 88 Resp: 192364  
Ion Ratio Lower Upper  
88 100  
58 62.1 49.8 74.6  
43 21.2 16.7 25.1





#3

Pyridine

Concen: 23.328 ng

RT: 3.63 min Scan# 93

Delta R.T. -0.02 min

Lab File: BM018998.D

Acq: 01 Mar 2019 21:56

Instrument :

BNA\_M

ClientSampleId :

Z-3-13-BMS

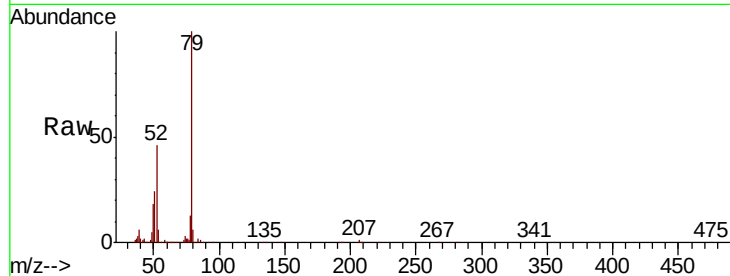
Tgt Ion: 79 Resp: 541243

Ion Ratio Lower Upper

79 100

52 46.0 37.6 56.4

51 23.6 19.7 29.5



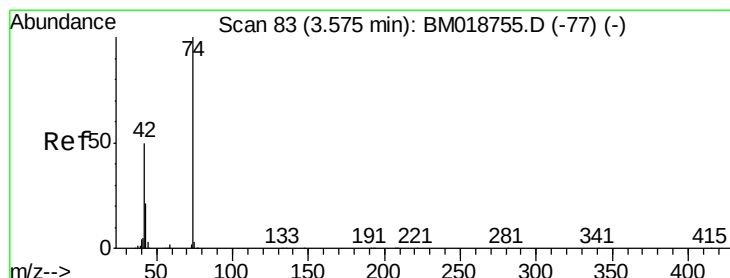
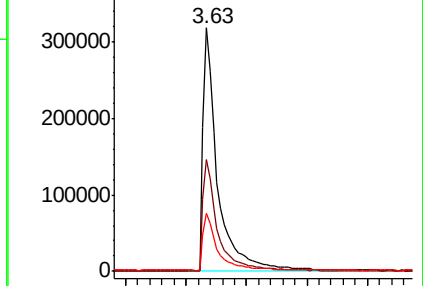
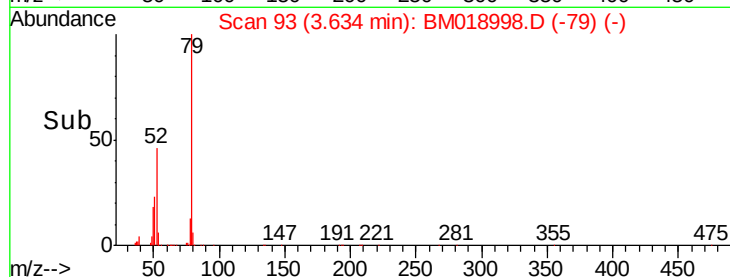
Abundance Ion 79.00 (78.70 to 79.70): BM018755.D (-92) (-)

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

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

3.63

Time-->



#4

n-Nitrosodimethylamine

Concen: 31.253 ng

RT: 3.56 min Scan# 80

Delta R.T. -0.02 min

Lab File: BM018998.D

Acq: 01 Mar 2019 21:56

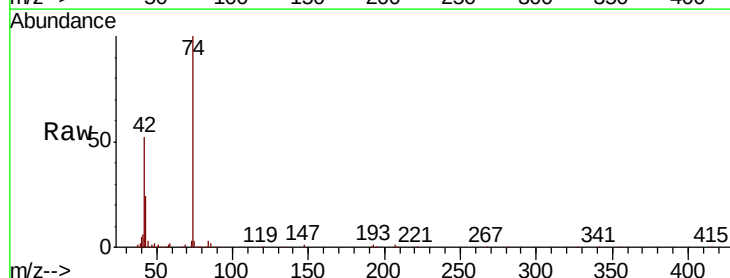
Tgt Ion: 42 Resp: 184469

Ion Ratio Lower Upper

42 100

74 193.0 158.1 237.1

44 6.3 4.9 7.3



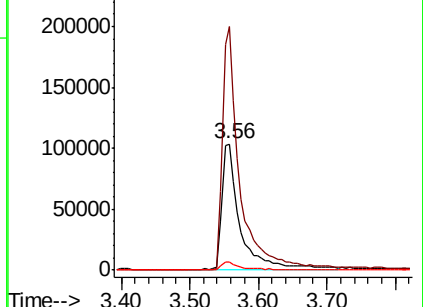
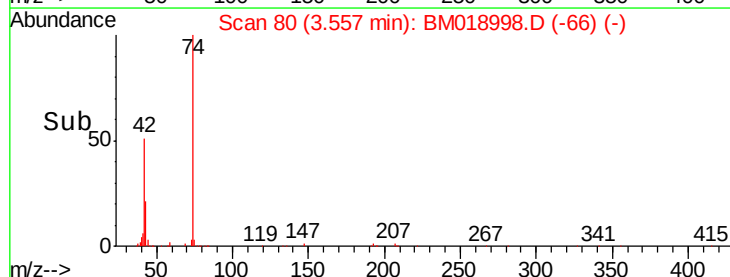
Abundance Ion 42.00 (41.70 to 42.70): BM018755.D (-77) (-)

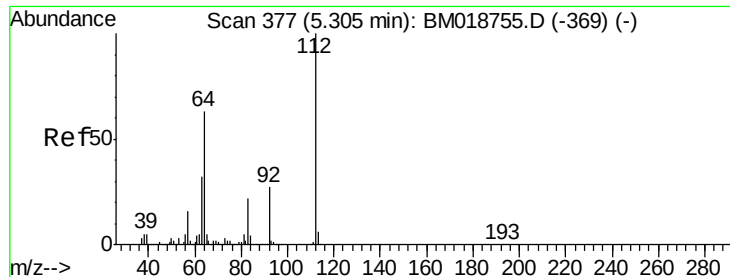
Ion 74.00 (73.70 to 74.70): BM018755.D (-77) (-)

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

3.56

Time-->





#5

2-Fluorophenol

Concen: 91.320 ng

RT: 5.28 min Scan# 373

Delta R.T. -0.02 min

Lab File: BM018998.D

Acq: 01 Mar 2019 21:56

Instrument :

BNA\_M

ClientSampleId :

Z-3-13-BMS

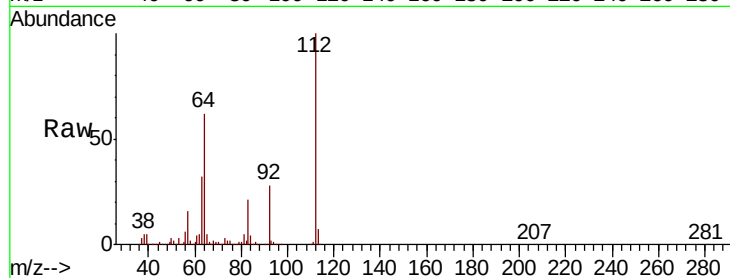
Tgt Ion: 112 Resp: 1783430

Ion Ratio Lower Upper

112 100

64 62.3 50.6 75.8

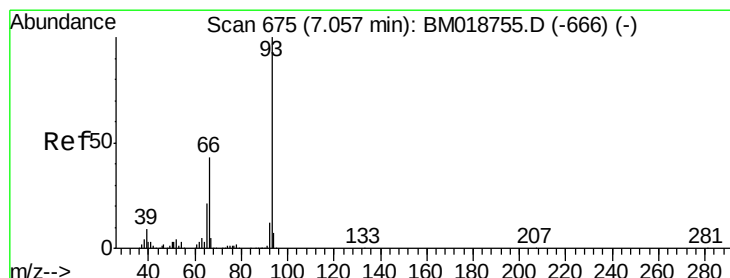
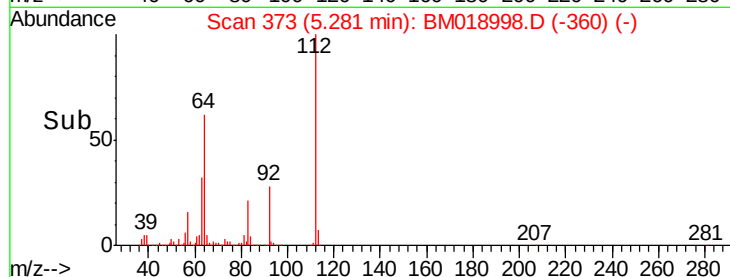
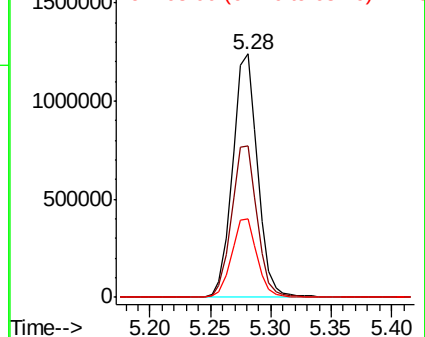
63 32.0 25.7 38.5



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: 22.210 ng

RT: 7.03 min Scan# 670

Delta R.T. -0.03 min

Lab File: BM018998.D

Acq: 01 Mar 2019 21:56

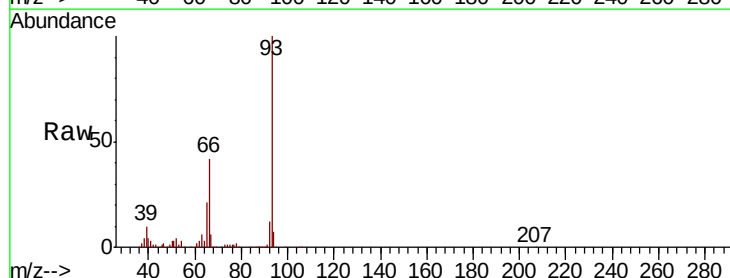
Tgt Ion: 93 Resp: 748681

Ion Ratio Lower Upper

93 100

66 42.4 34.1 51.1

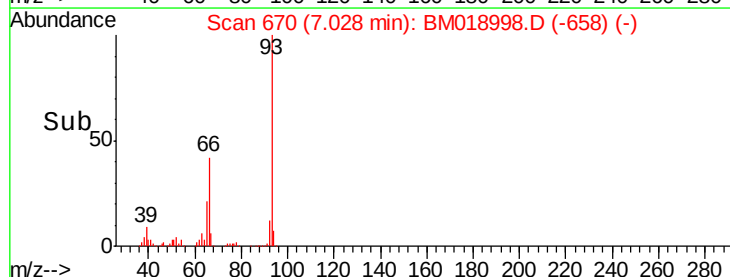
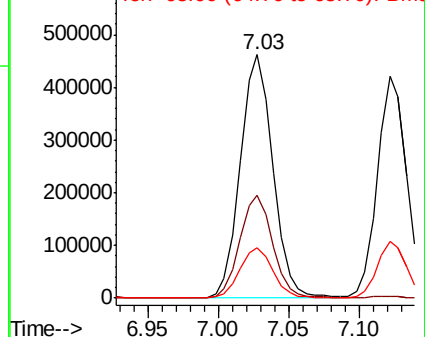
65 20.7 16.6 24.8

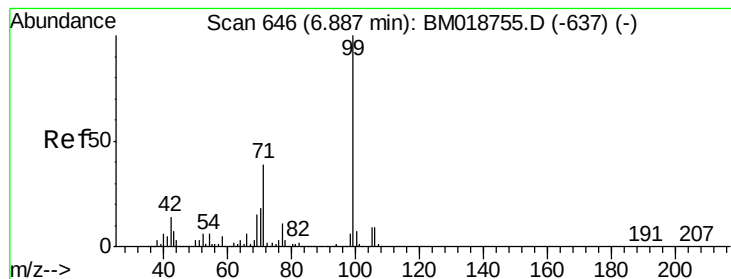


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 92.975 ng

RT: 6.86 min Scan# 642

Delta R.T. -0.02 min

Lab File: BM018998.D

Acq: 01 Mar 2019 21:56

Instrument :

BNA\_M

ClientSampleId :

Z-3-13-BMS

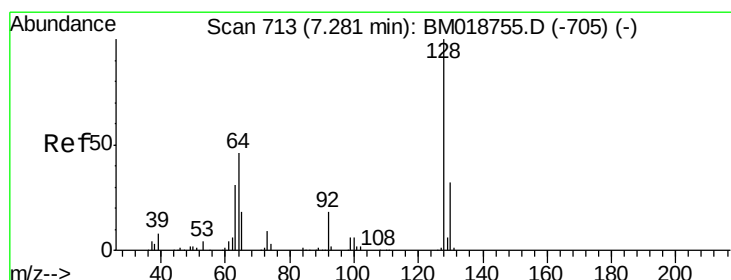
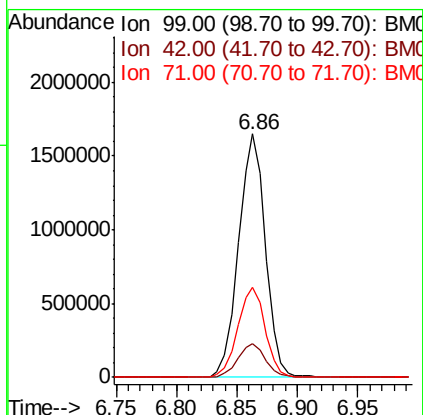
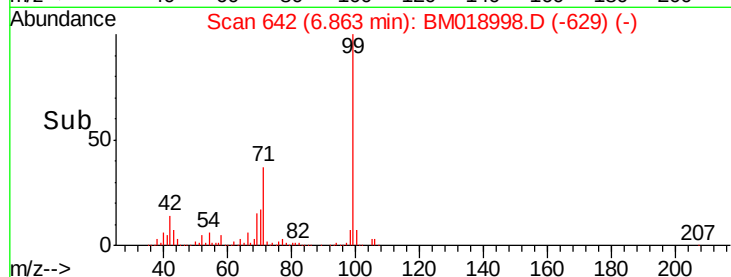
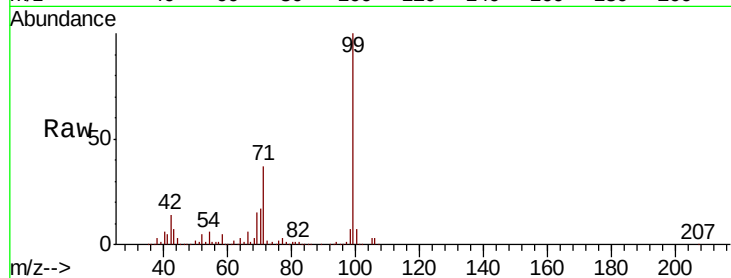
Tgt Ion: 99 Resp: 2557937

Ion Ratio Lower Upper

99 100

42 13.9 11.0 16.6

71 37.2 31.3 46.9



#8

2-Chlorophenol

Concen: 29.971 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.03 min

Lab File: BM018998.D

Acq: 01 Mar 2019 21:56

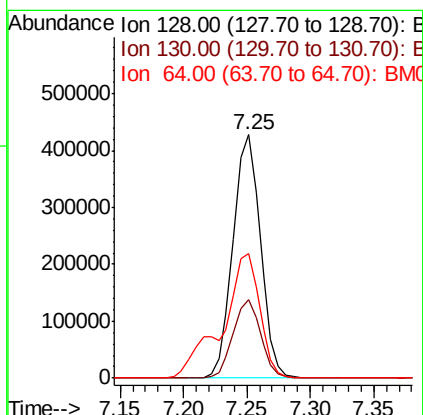
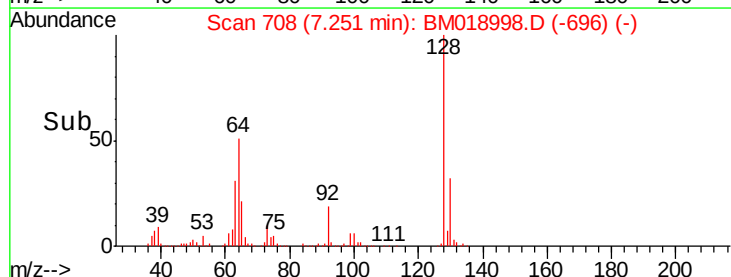
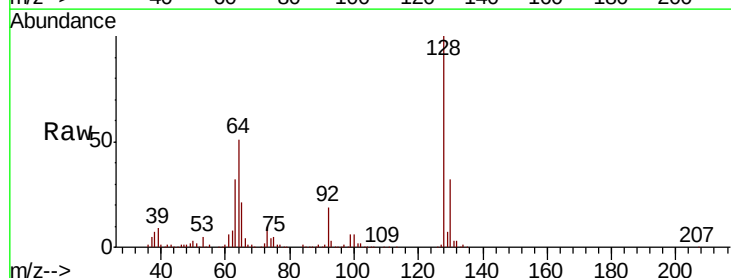
Tgt Ion: 128 Resp: 642628

Ion Ratio Lower Upper

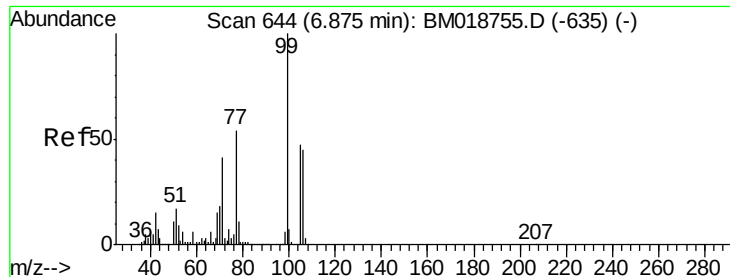
128 100

130 32.1 11.7 51.7

64 51.2 31.0 71.0







#9

Benzaldehyde

Concen: 32.567 ng

RT: 6.84 min Scan# 638

Delta R.T. -0.04 min

Lab File: BM018998.D

Acq: 01 Mar 2019 21:56

Instrument :

BNA\_M

ClientSampleId :

Z-3-13-BMS

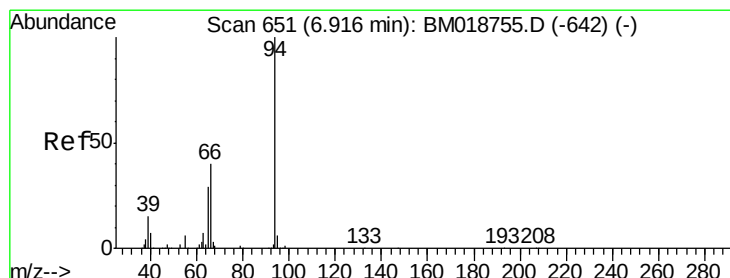
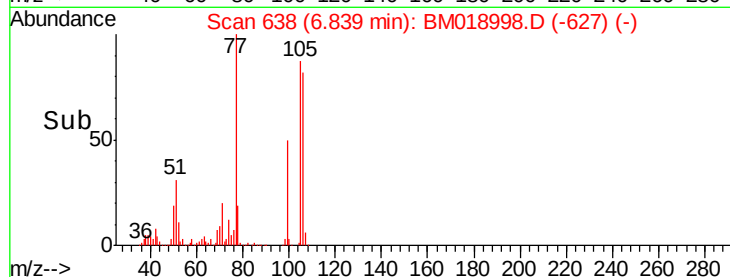
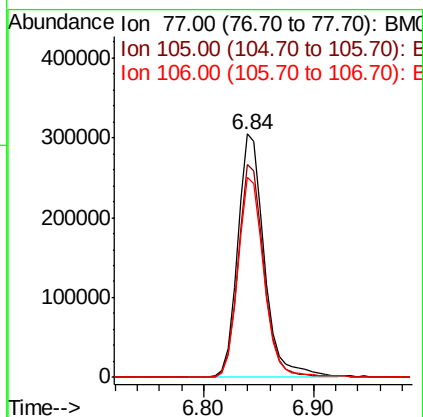
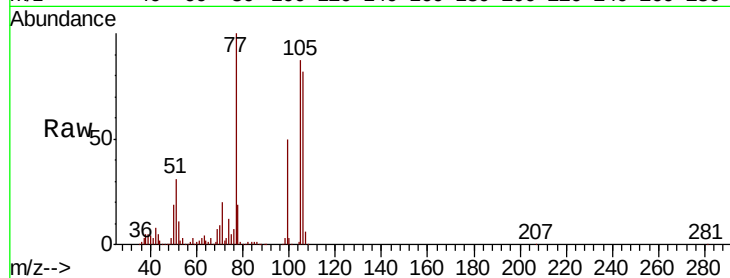
Tgt Ion: 77 Resp: 515063

Ion Ratio Lower Upper

77 100

105 87.4 67.3 107.3

106 82.2 62.9 102.9



#10

Phenol

Concen: 30.777 ng

RT: 6.89 min Scan# 646

Delta R.T. -0.03 min

Lab File: BM018998.D

Acq: 01 Mar 2019 21:56

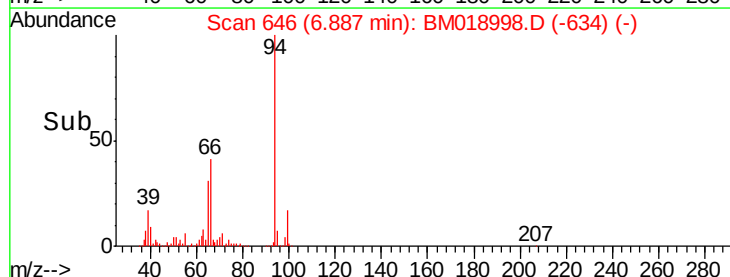
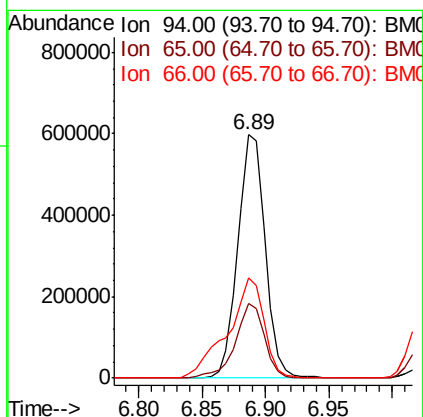
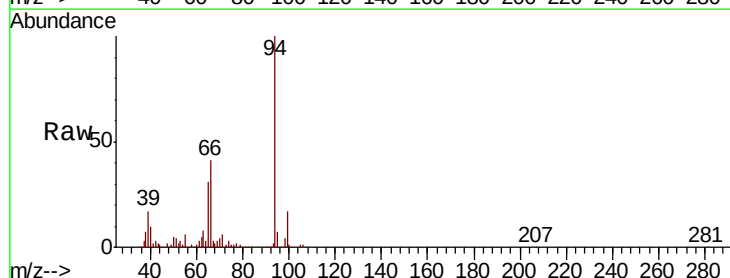
Tgt Ion: 94 Resp: 890929

Ion Ratio Lower Upper

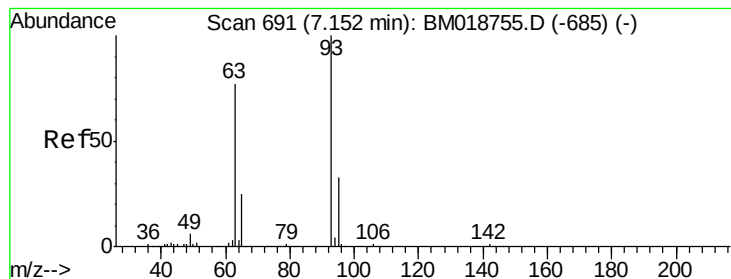
94 100

65 30.7 9.6 49.6

66 41.1 20.4 60.4







#11

bis(2-Chloroethyl)ether

Concen: 27.393 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.03 min

Lab File: BM018998.D

Acq: 01 Mar 2019 21:56

Instrument :

BNA\_M

ClientSampleId :

Z-3-13-BMS

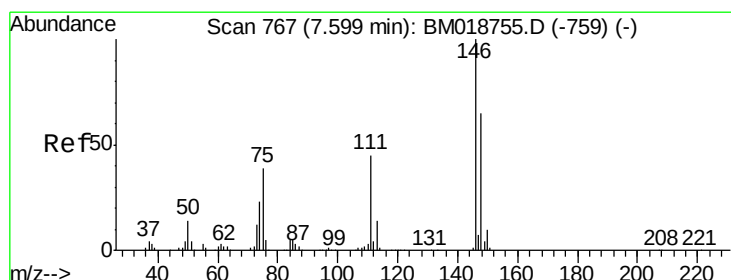
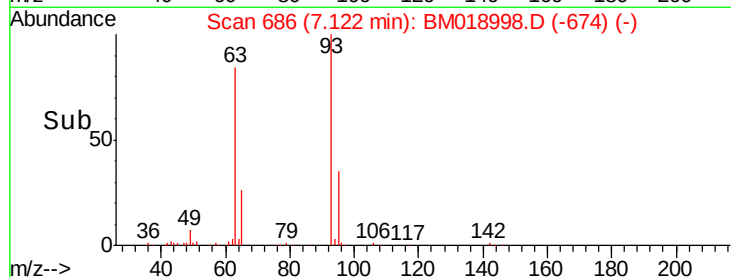
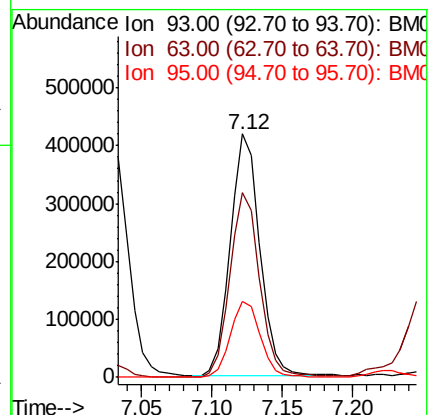
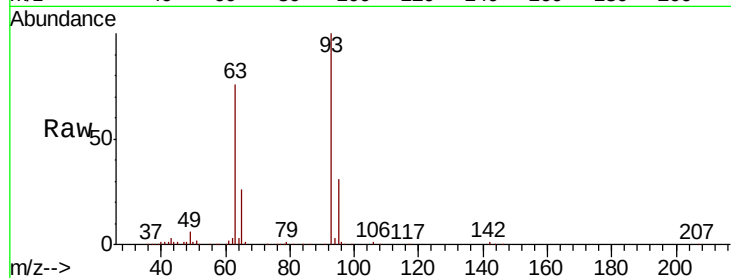
Tgt Ion: 93 Resp: 604895

Ion Ratio Lower Upper

93 100

63 76.1 57.0 97.0

95 31.2 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 26.163 ng

RT: 7.57 min Scan# 762

Delta R.T. -0.03 min

Lab File: BM018998.D

Acq: 01 Mar 2019 21:56

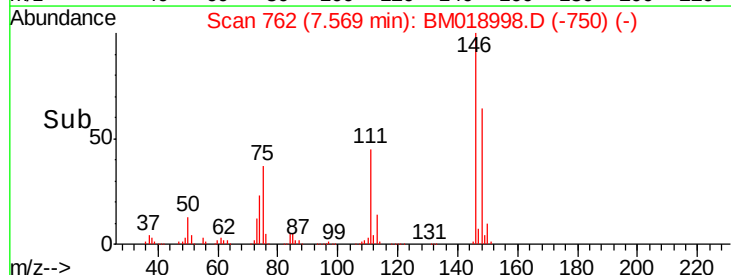
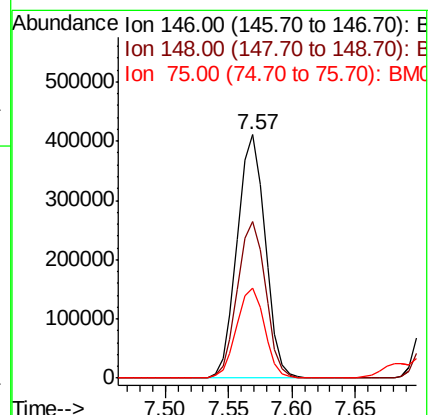
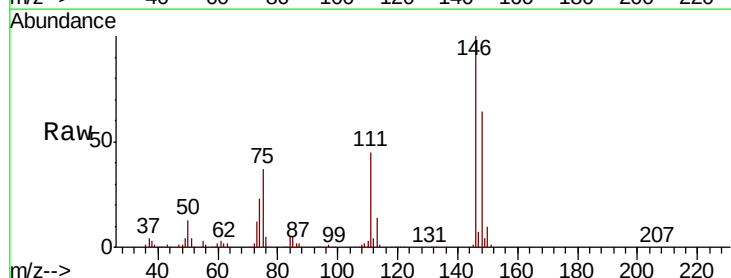
Tgt Ion: 146 Resp: 630798

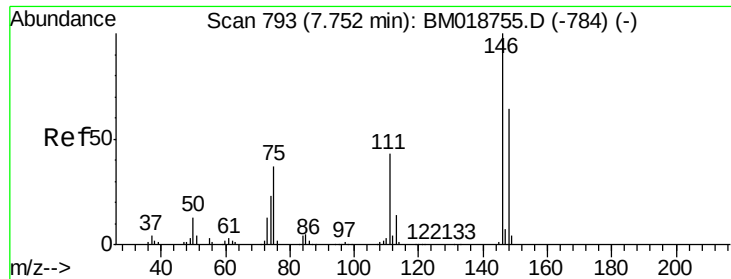
Ion Ratio Lower Upper

146 100

148 64.2 51.7 77.5

75 37.1 31.3 46.9

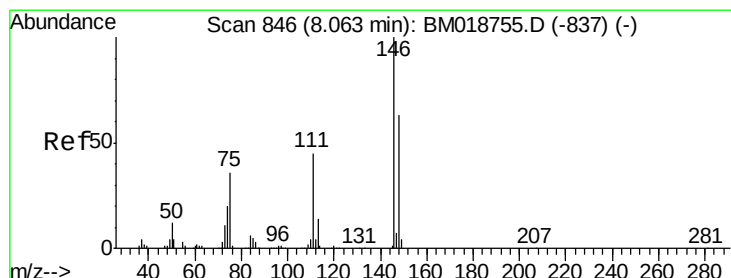
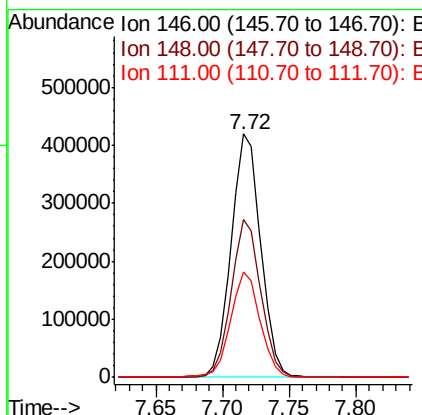
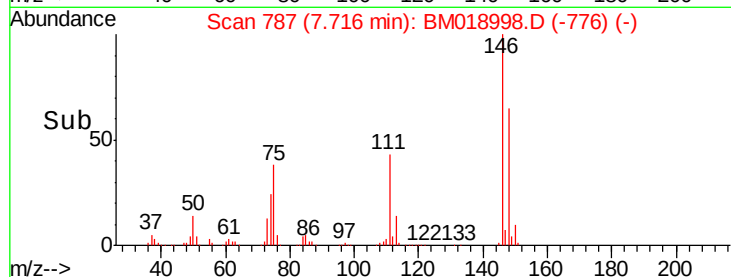
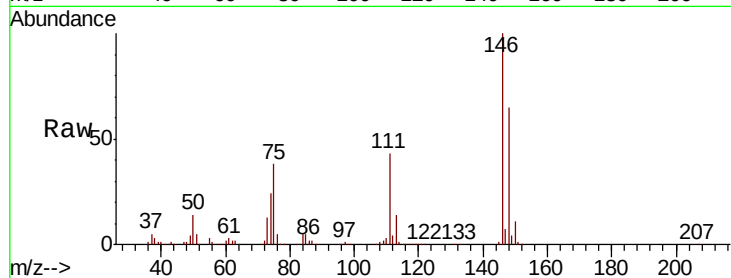




#13  
 1,4-Dichlorobenzene  
 Concen: 26.457 ng  
 RT: 7.72 min Scan# 787  
 Delta R.T. -0.04 min  
 Lab File: BM018998.D  
 Acq: 01 Mar 2019 21:56

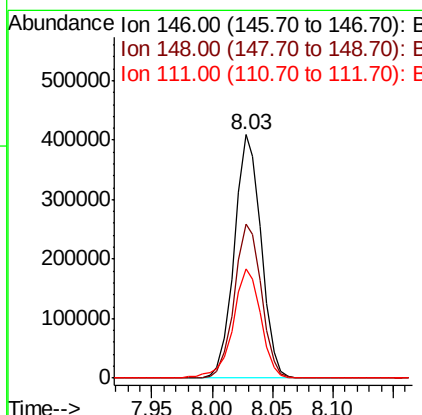
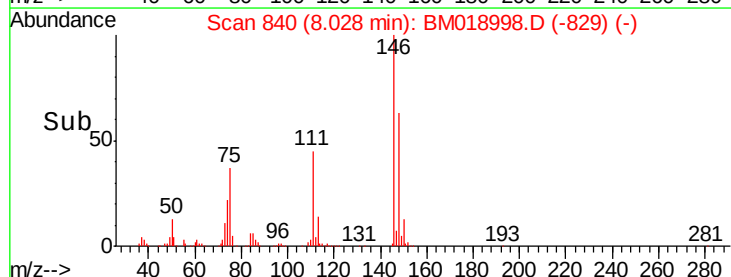
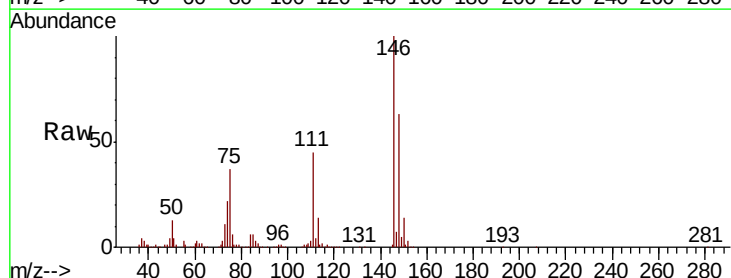
Instrument :  
 BNA\_M  
 ClientSampled :  
 Z-3-13-BMS

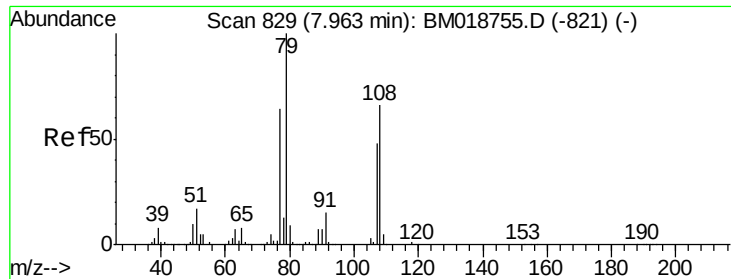
Tgt Ion:146 Resp: 649390  
 Ion Ratio Lower Upper  
 146 100  
 148 64.6 51.4 77.2  
 111 43.4 34.6 52.0



#14  
 1,2-Dichlorobenzene  
 Concen: 26.808 ng  
 RT: 8.03 min Scan# 840  
 Delta R.T. -0.04 min  
 Lab File: BM018998.D  
 Acq: 01 Mar 2019 21:56

Tgt Ion:146 Resp: 632049  
 Ion Ratio Lower Upper  
 146 100  
 148 63.0 50.7 76.1  
 111 44.9 35.9 53.9

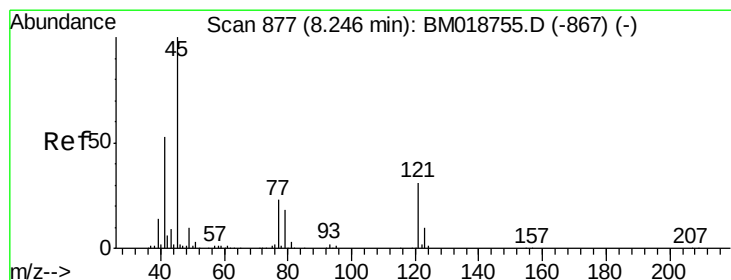
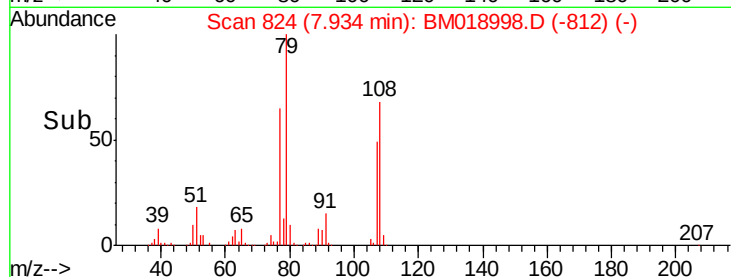
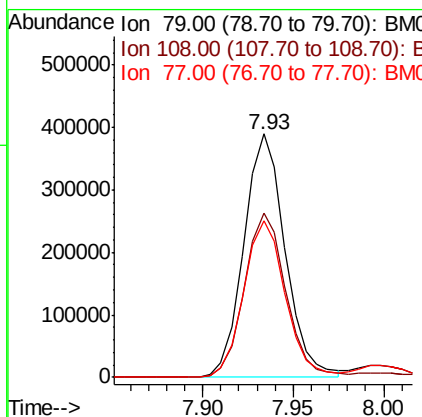
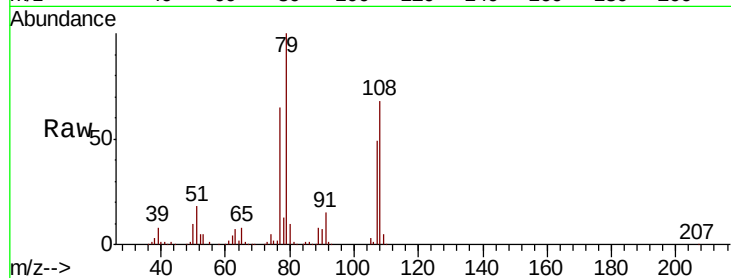




#15  
Benzyl Alcohol  
Concen: 28.245 ng  
RT: 7.93 min Scan# 824  
Delta R.T. -0.03 min  
Lab File: BM018998.D  
Acq: 01 Mar 2019 21:56

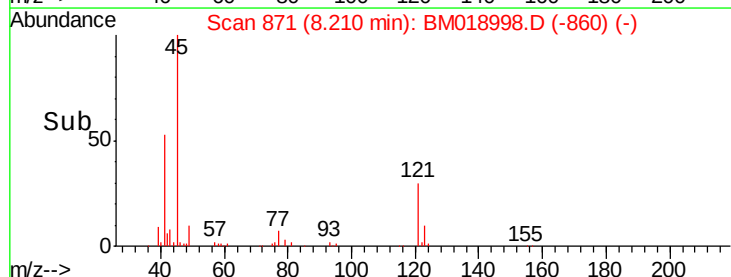
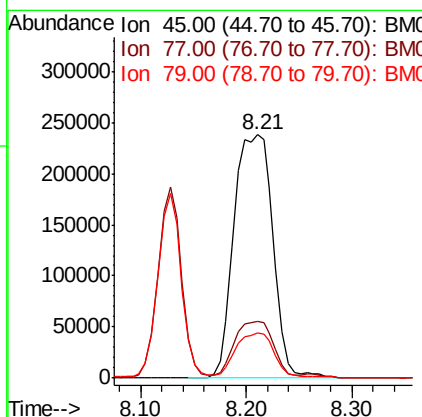
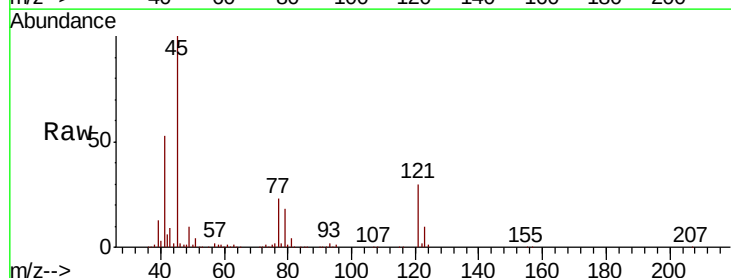
Instrument :  
BNA\_M  
ClientSampleId :  
Z-3-13-BMS

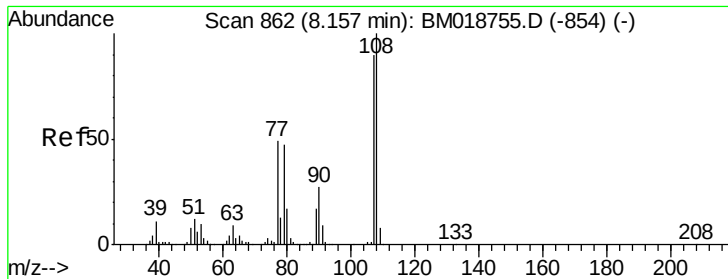
Tgt Ion: 79 Resp: 617459  
Ion Ratio Lower Upper  
79 100  
108 67.6 52.7 79.1  
77 64.5 51.0 76.4



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 28.457 ng  
RT: 8.21 min Scan# 871  
Delta R.T. -0.04 min  
Lab File: BM018998.D  
Acq: 01 Mar 2019 21:56

Tgt Ion: 45 Resp: 608198  
Ion Ratio Lower Upper  
45 100  
77 23.2 5.0 45.0  
79 18.4 0.0 39.3

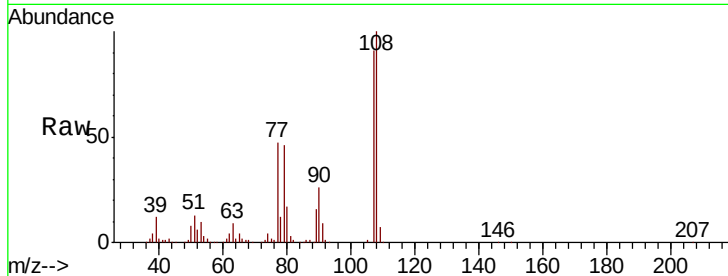




#17  
2-Methylphenol  
Concen: 29.460 ng  
RT: 8.13 min Scan# 857  
Delta R.T. -0.03 min  
Lab File: BM018998.D  
Acq: 01 Mar 2019 21:56

Instrument :  
BNA\_M  
ClientSampleId :  
Z-3-13-BMS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 542789 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 109.8 | 88.8  | 133.2  |
| 77       | 51.9  | 44.0  | 66.0   |
| 79       | 50.1  | 42.4  | 63.6   |



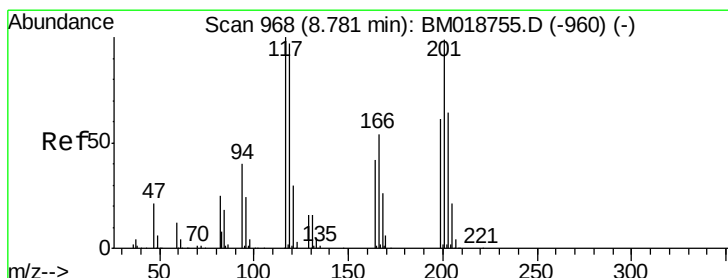
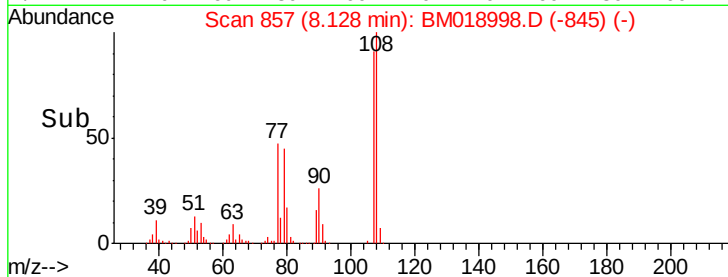
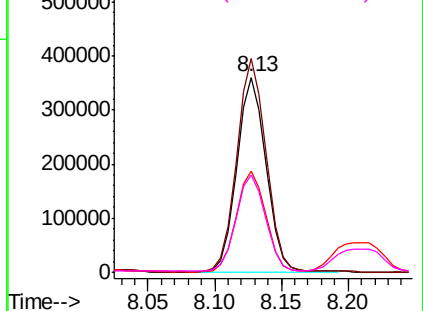
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

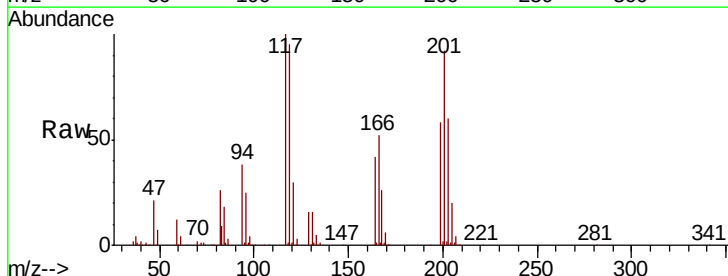
Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18  
Hexachloroethane  
Concen: 26.532 ng  
RT: 8.74 min Scan# 961  
Delta R.T. -0.04 min  
Lab File: BM018998.D  
Acq: 01 Mar 2019 21:56

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 237729 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 94.8  | 77.9  | 116.9  |
| 201      | 92.0  | 79.2  | 118.8  |

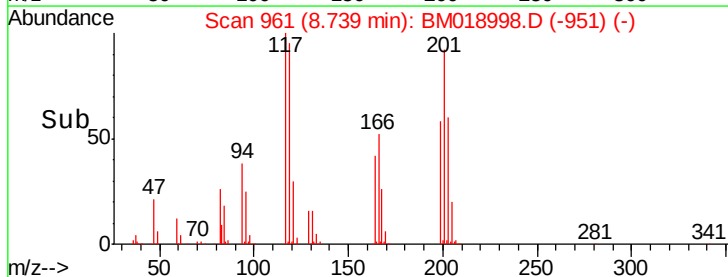
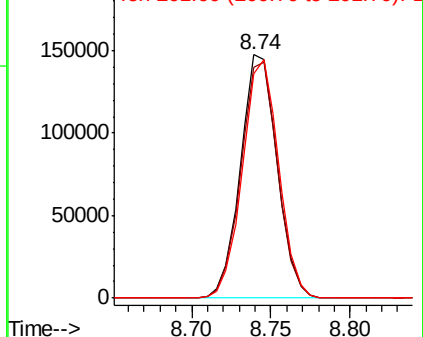


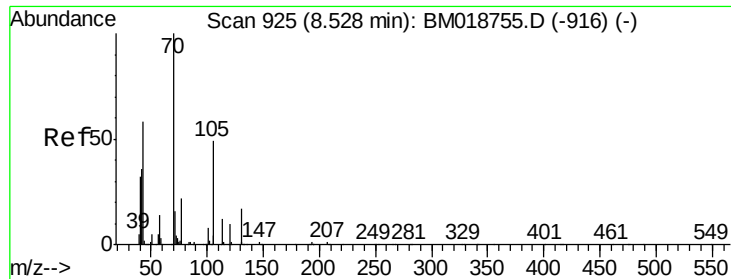
Abundance

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

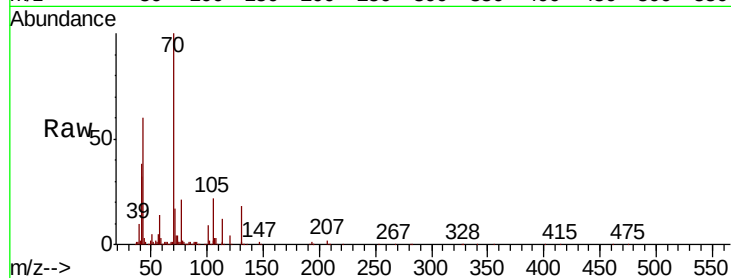




#19  
n-Nitroso-di-n-propylamine  
Concen: 26.694 ng  
RT: 8.49 min Scan# 919  
Delta R.T. -0.04 min  
Lab File: BM018998.D  
Acq: 01 Mar 2019 21:56

Instrument :  
BNA\_M  
ClientSampleId :  
Z-3-13-BMS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 568637 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 37.9  | 29.4  | 44.0   |
| 101      | 8.8   | 6.7   | 10.1   |
| 130      | 17.9  | 14.0  | 21.0   |



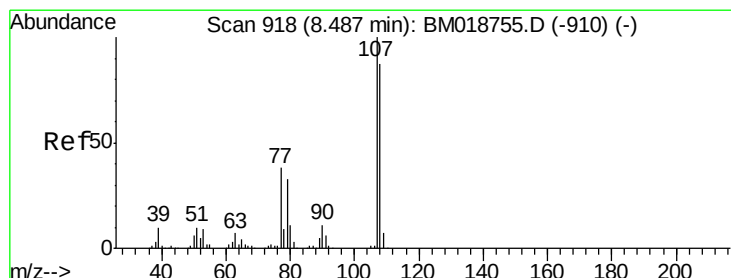
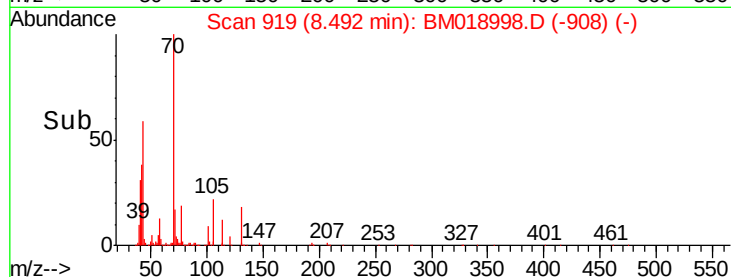
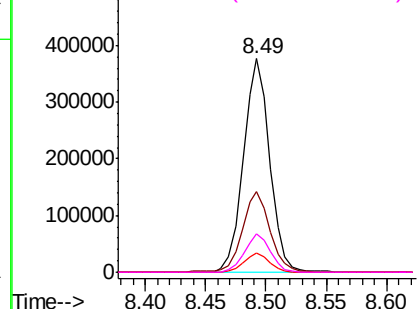
Abundance

Ion 70.00 (69.70 to 70.70): BM018755.D (-916) (-)

Ion 42.00 (41.70 to 42.70): BM018755.D (-916) (-)

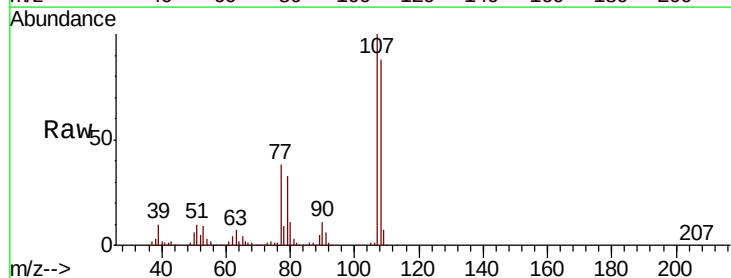
Ion 101.00 (100.70 to 101.70): BM018755.D (-916) (-)

Ion 130.00 (129.70 to 130.70): BM018755.D (-916) (-)



#20  
3+4-Methylphenols  
Concen: 28.781 ng  
RT: 8.46 min Scan# 913  
Delta R.T. -0.03 min  
Lab File: BM018998.D  
Acq: 01 Mar 2019 21:56

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 732243 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 87.9  | 67.3  | 107.3  |
| 77       | 38.4  | 18.0  | 58.0   |
| 79       | 33.5  | 12.8  | 52.8   |



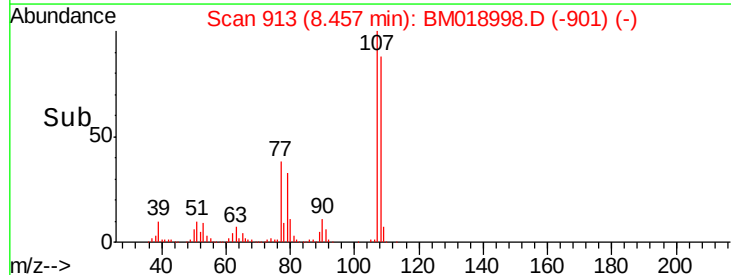
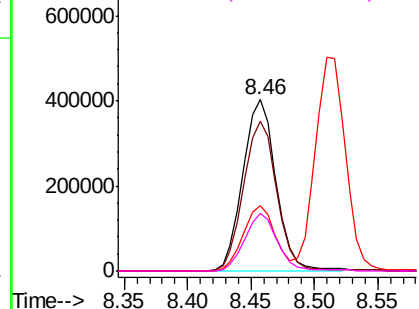
Abundance

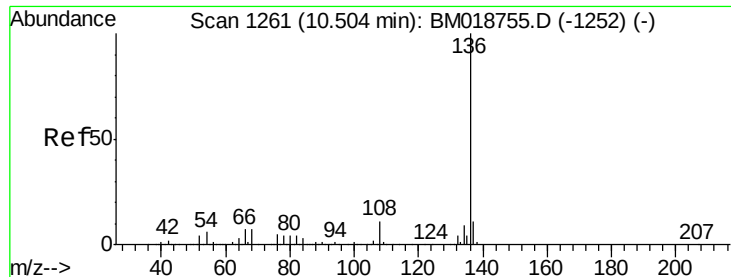
Ion 107.00 (106.70 to 107.70): BM018755.D (-910) (-)

Ion 108.00 (107.70 to 108.70): BM018755.D (-910) (-)

Ion 77.00 (76.70 to 77.70): BM018755.D (-910) (-)

Ion 79.00 (78.70 to 79.70): BM018755.D (-910) (-)

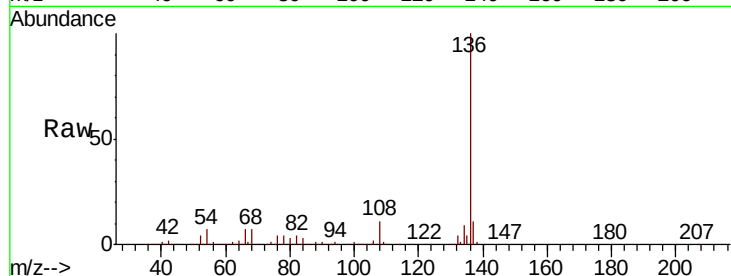




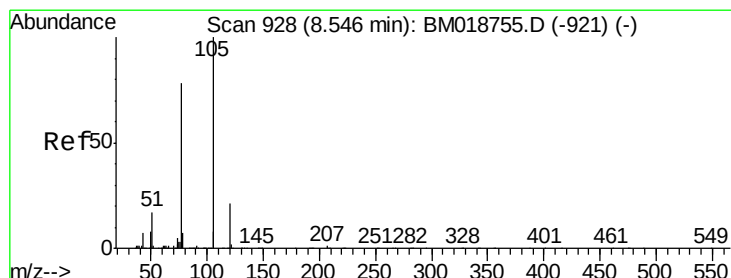
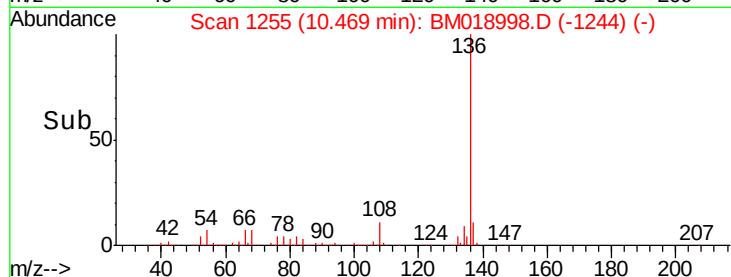
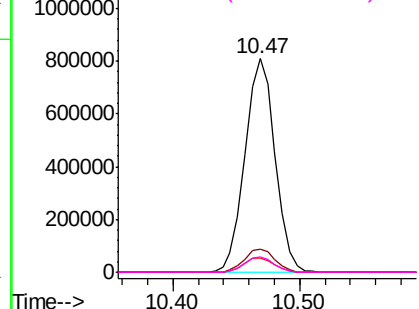
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.47 min Scan# 1255  
Delta R.T. -0.04 min  
Lab File: BM018998.D  
Acq: 01 Mar 2019 21:56

Instrument :  
BNA\_M  
ClientSampleId :  
Z-3-13-BMS

Tgt Ion:136 Resp: 1330988  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.8 13.2  
54 6.6 5.0 7.6  
68 7.3 5.5 8.3

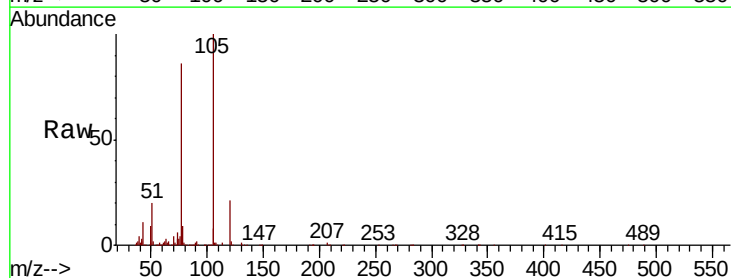


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BM  
Ion 68.00 (67.70 to 68.70): BM

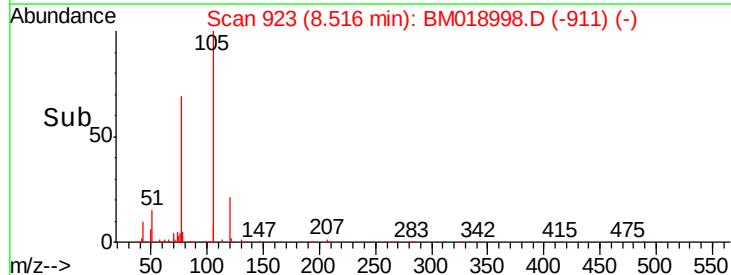
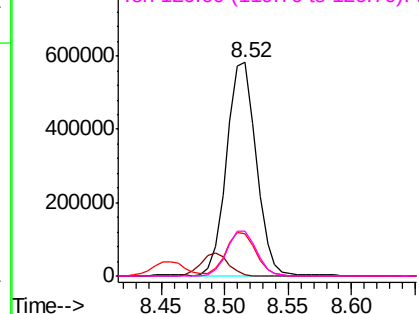


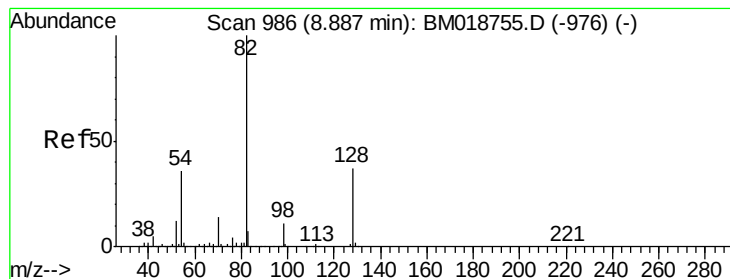
#22  
Acetophenone  
Concen: 25.686 ng  
RT: 8.52 min Scan# 923  
Delta R.T. -0.03 min  
Lab File: BM018998.D  
Acq: 01 Mar 2019 21:56

Tgt Ion:105 Resp: 938868  
Ion Ratio Lower Upper  
105 100  
71 0.7 1.1 1.7#  
51 19.8 15.5 23.3  
120 21.1 17.0 25.4



Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 71.00 (70.70 to 71.70): BM  
Ion 51.00 (50.70 to 51.70): BM  
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 55.881 ng

RT: 8.85 min Scan# 980

Delta R.T. -0.04 min

Lab File: BM018998.D

Acq: 01 Mar 2019 21:56

Instrument :

BNA\_M

ClientSampleId :

Z-3-13-BMS

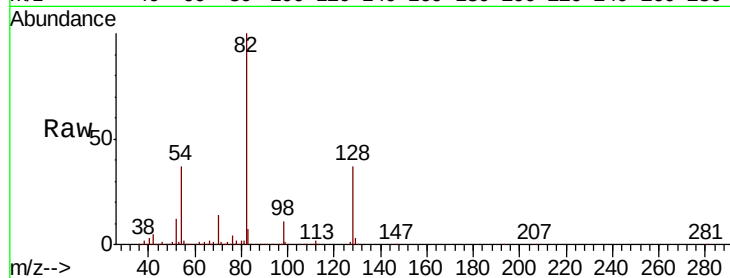
Tgt Ion: 82 Resp: 1608558

Ion Ratio Lower Upper

82 100

128 36.8 29.9 44.9

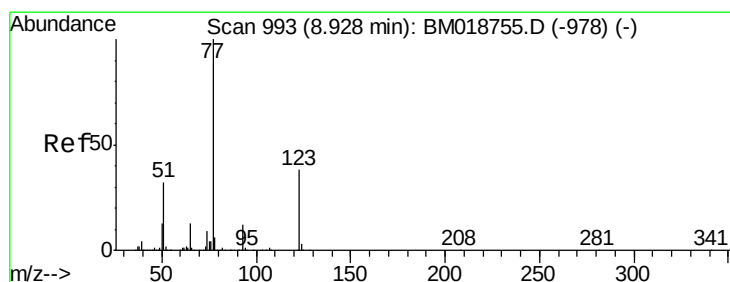
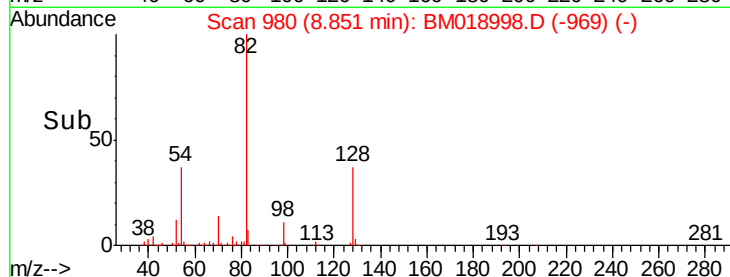
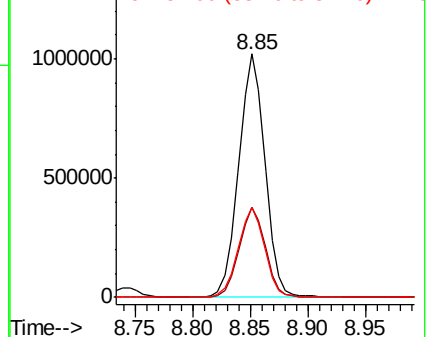
54 37.1 29.1 43.7



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: 27.058 ng

RT: 8.89 min Scan# 987

Delta R.T. -0.04 min

Lab File: BM018998.D

Acq: 01 Mar 2019 21:56

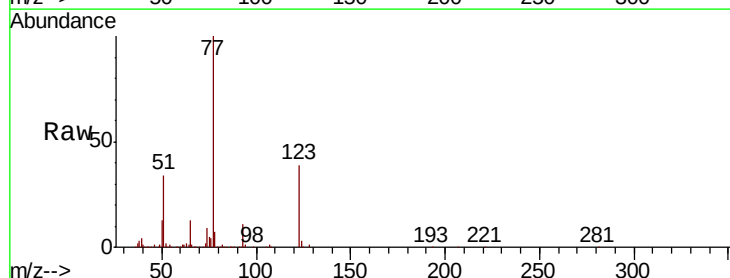
Tgt Ion: 77 Resp: 808470

Ion Ratio Lower Upper

77 100

123 39.1 30.7 46.1

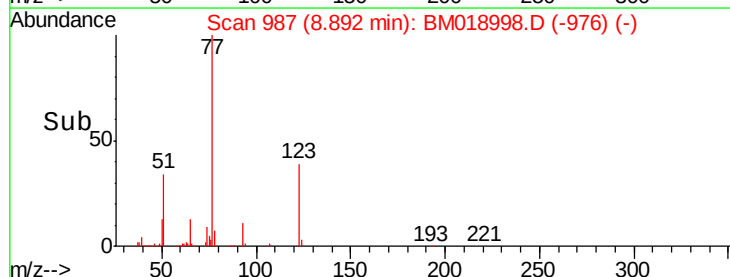
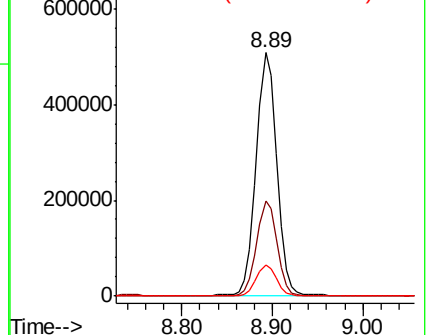
65 13.0 10.5 15.7



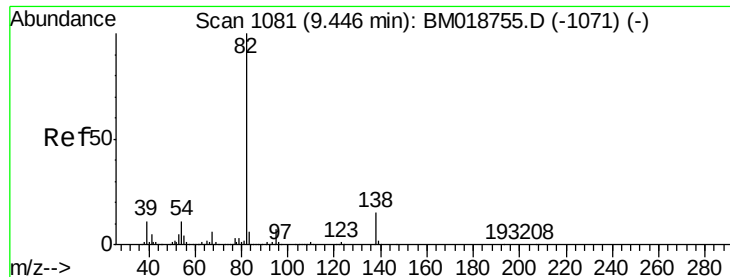
Abundance Ion 77.00 (76.70 to 77.70): BM018755.D (-978) (-)

Ion 123.00 (122.70 to 123.70): BM018755.D (-978) (-)

Ion 65.00 (64.70 to 65.70): BM018755.D (-978) (-)



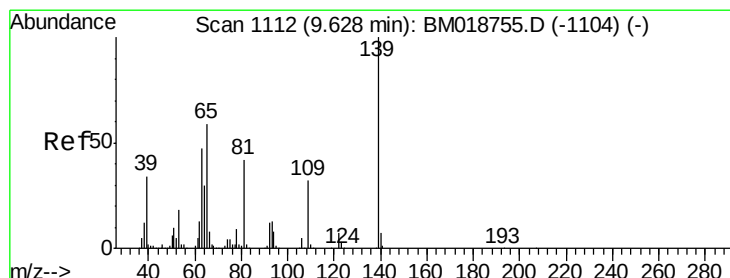
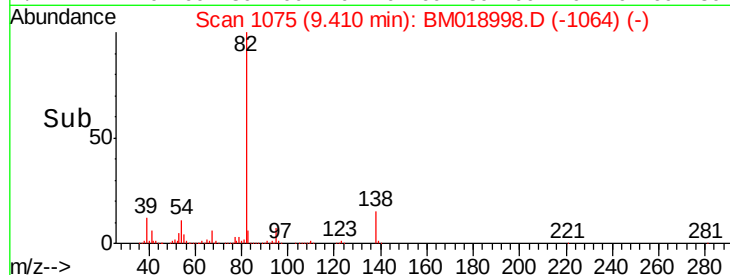
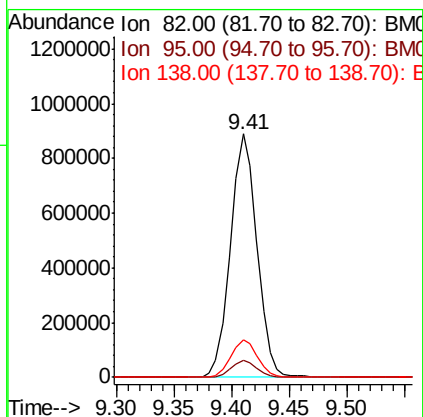
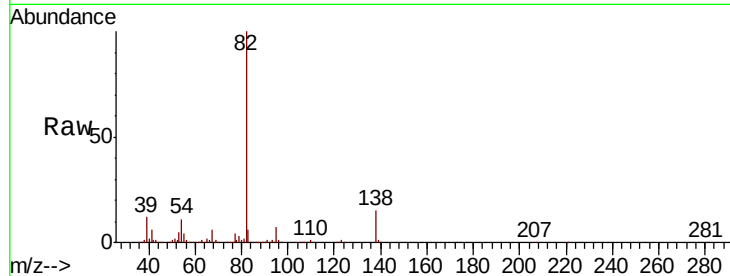




#25  
Isophorone  
Concen: 30.759 ng  
RT: 9.41 min Scan# 1075  
Delta R.T. -0.04 min  
Lab File: BM018998.D  
Acq: 01 Mar 2019 21:56

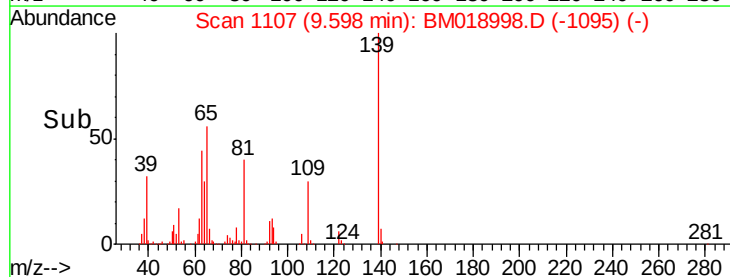
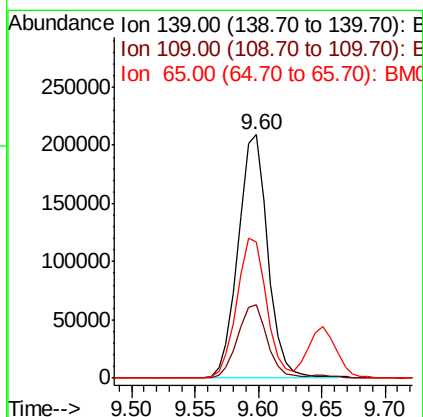
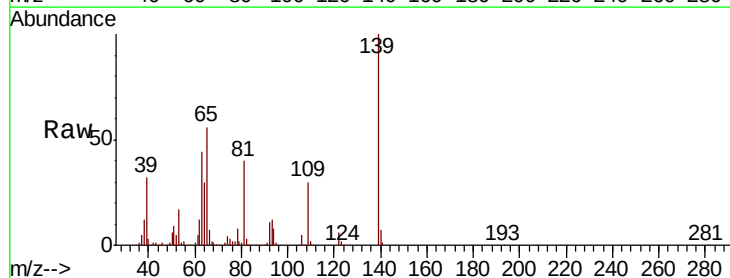
Instrument :  
BNA\_M  
ClientSampleId :  
Z-3-13-BMS

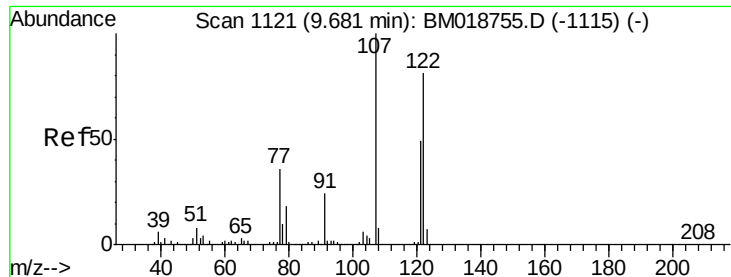
Tgt Ion: 82 Resp: 1412732  
Ion Ratio Lower Upper  
82 100  
95 6.9 5.7 8.5  
138 15.4 12.3 18.5



#26  
2-Nitrophenol  
Concen: 28.503 ng  
RT: 9.60 min Scan# 1107  
Delta R.T. -0.03 min  
Lab File: BM018998.D  
Acq: 01 Mar 2019 21:56

Tgt Ion: 139 Resp: 339159  
Ion Ratio Lower Upper  
139 100  
109 30.0 25.2 37.8  
65 55.9 47.0 70.4

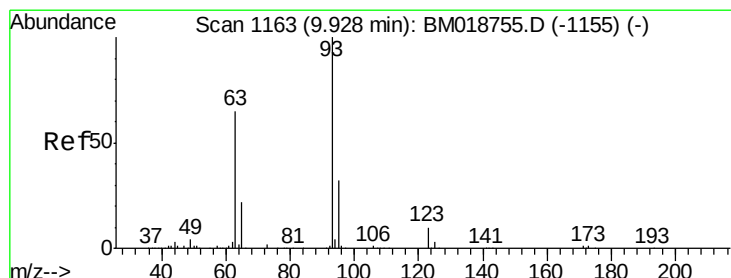
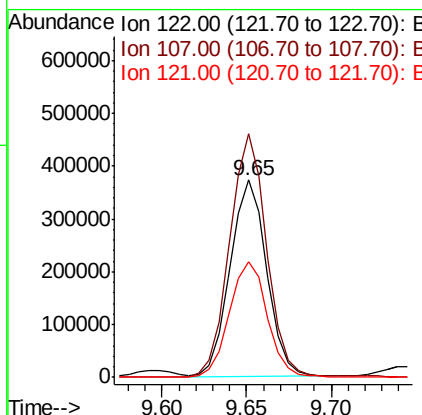
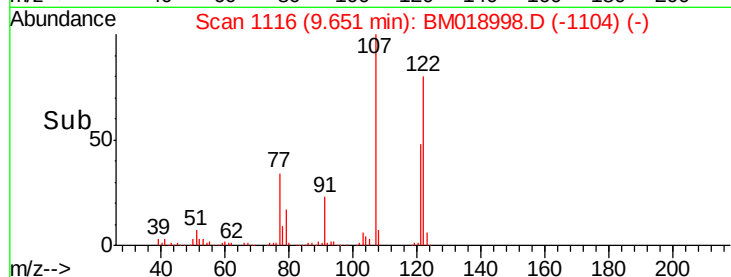
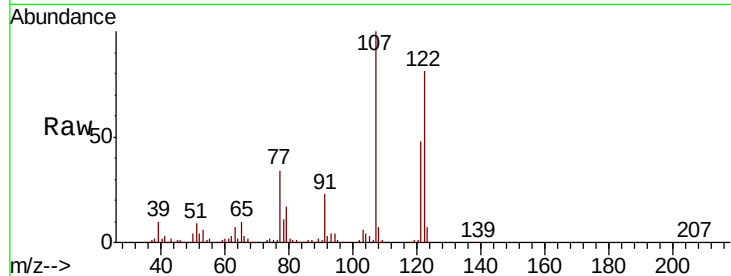




#27  
 2,4-Dimethylphenol  
 Concen: 32.350 ng  
 RT: 9.65 min Scan# 1116  
 Delta R.T. -0.03 min  
 Lab File: BM018998.D  
 Acq: 01 Mar 2019 21:56

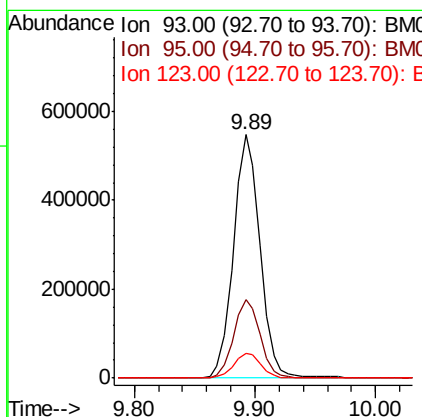
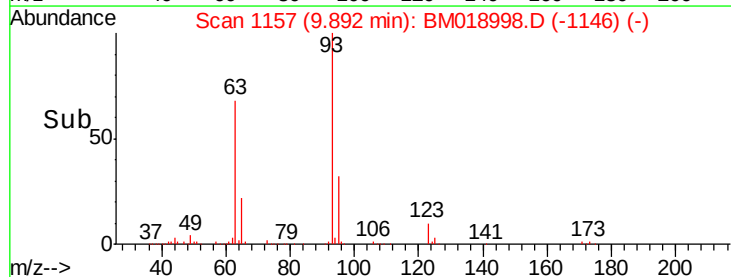
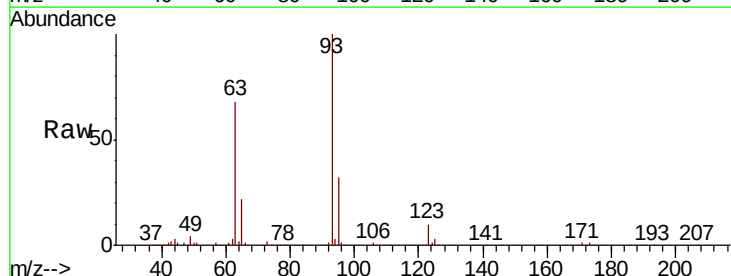
Instrument :  
 BNA\_M  
 ClientSampleId :  
 Z-3-13-BMS

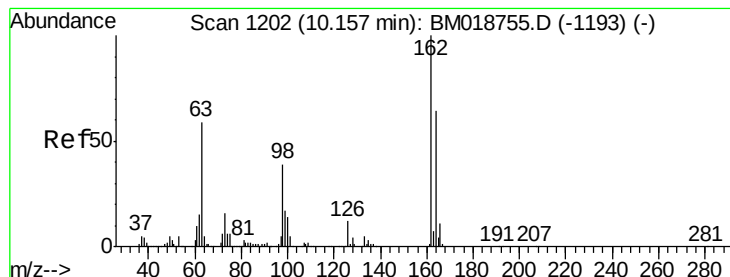
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 123.6 | 97.6  | 146.4 |
| 121     | 59.0  | 47.9  | 71.9  |



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 28.316 ng  
 RT: 9.89 min Scan# 1157  
 Delta R.T. -0.04 min  
 Lab File: BM018998.D  
 Acq: 01 Mar 2019 21:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.1  | 25.6  | 38.4  |
| 123     | 10.2  | 8.2   | 12.4  |





#29

2,4-Dichlorophenol

Concen: 29.192 ng

RT: 10.12 min Scan# 1196

Delta R.T. -0.04 min

Lab File: BM018998.D

Acq: 01 Mar 2019 21:56

Instrument :

BNA\_M

ClientSampleId :

Z-3-13-BMS

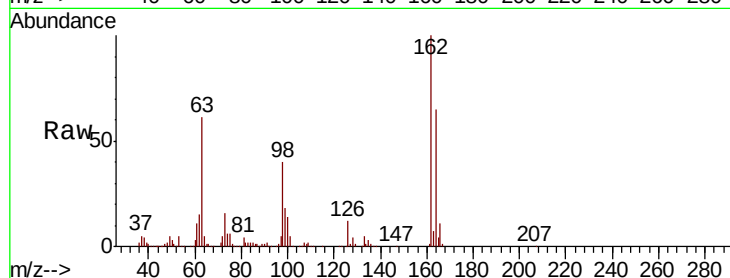
Tgt Ion:162 Resp: 582527

Ion Ratio Lower Upper

162 100

164 64.7 44.1 84.1

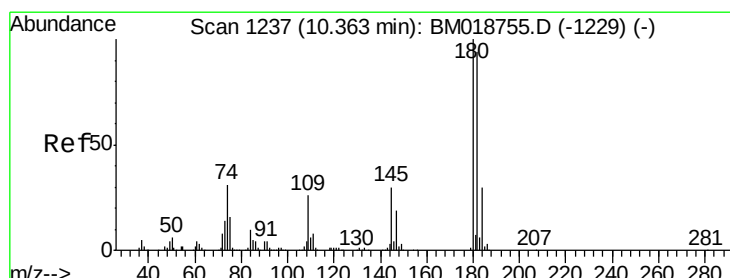
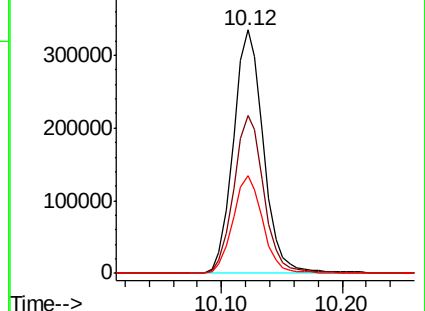
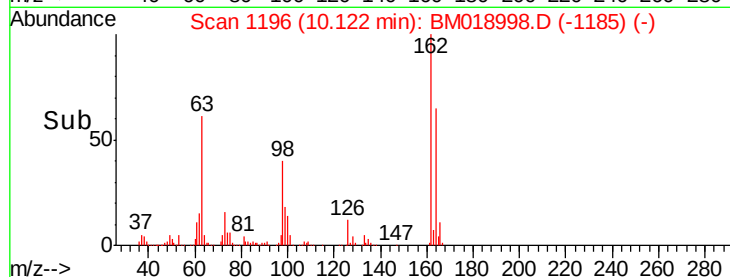
98 40.4 19.4 59.4



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: 26.529 ng

RT: 10.33 min Scan# 1231

Delta R.T. -0.04 min

Lab File: BM018998.D

Acq: 01 Mar 2019 21:56

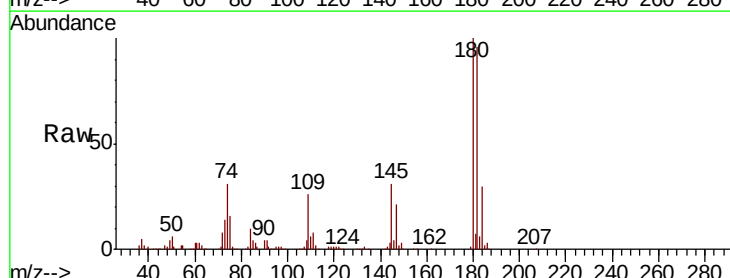
Tgt Ion:180 Resp: 611381

Ion Ratio Lower Upper

180 100

182 96.4 75.0 112.6

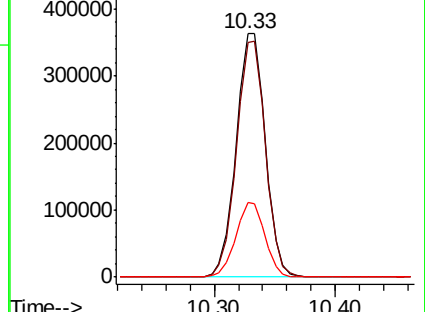
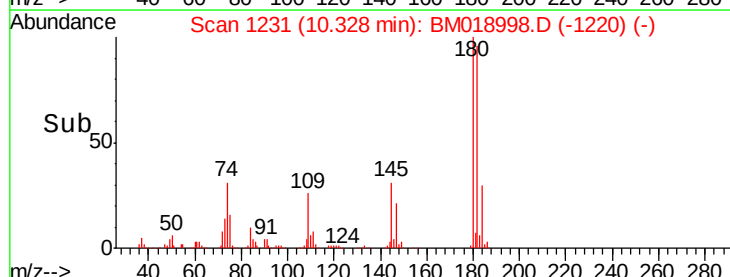
145 30.6 24.1 36.1

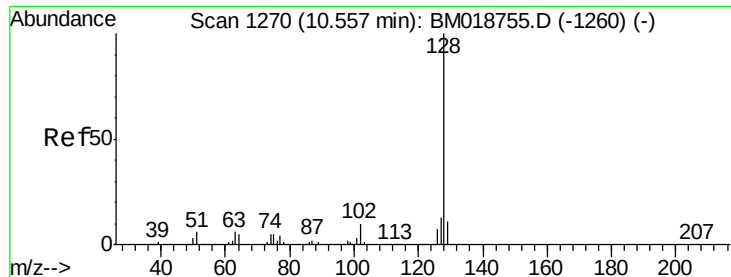


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

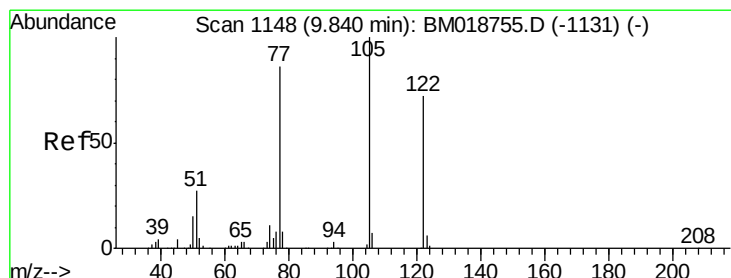
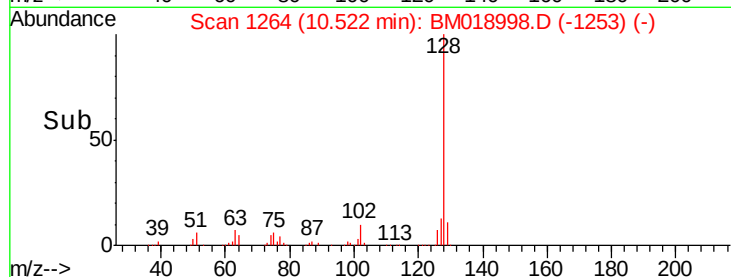
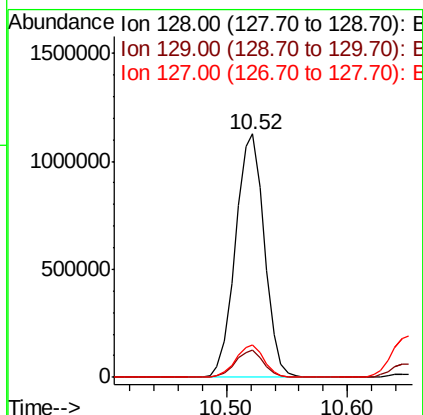
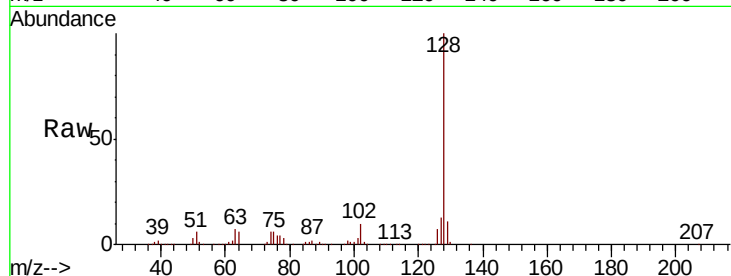




#31  
Naphthalene  
Concen: 28.908 ng  
RT: 10.52 min Scan# 1264  
Delta R.T. -0.04 min  
Lab File: BM018998.D  
Acq: 01 Mar 2019 21:56

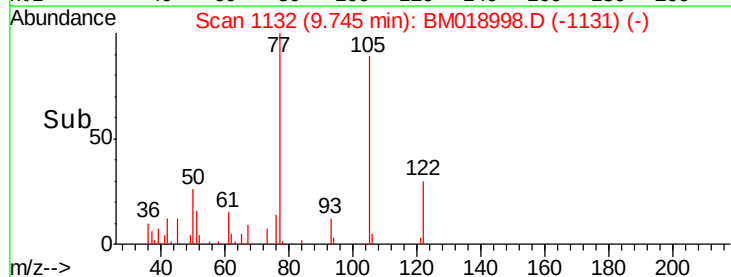
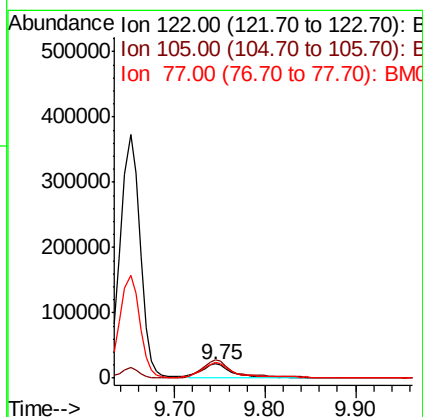
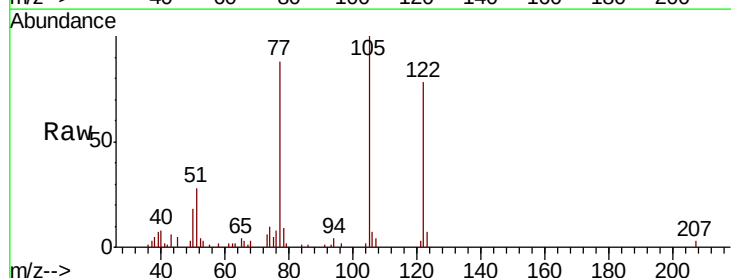
Instrument :  
BNA\_M  
ClientSampleId :  
Z-3-13-BMS

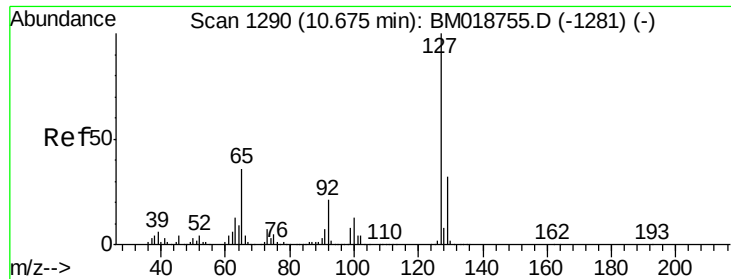
Tgt Ion:128 Resp: 1876495  
Ion Ratio Lower Upper  
128 100  
129 11.0 9.0 13.4  
127 13.2 10.7 16.1



#32  
Benzoic acid  
Concen: 3.159 ng  
RT: 9.75 min Scan# 1132  
Delta R.T. -0.09 min  
Lab File: BM018998.D  
Acq: 01 Mar 2019 21:56

Tgt Ion:122 Resp: 47895  
Ion Ratio Lower Upper  
122 100  
105 128.9 117.5 157.5  
77 114.0 98.5 138.5

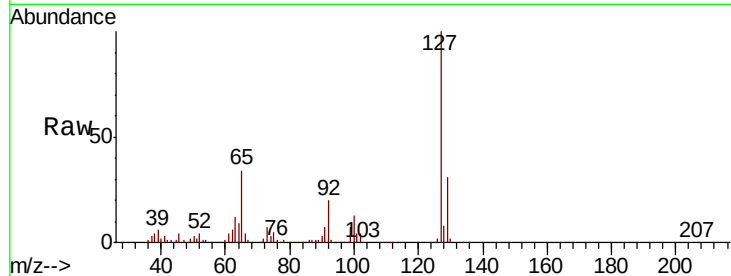




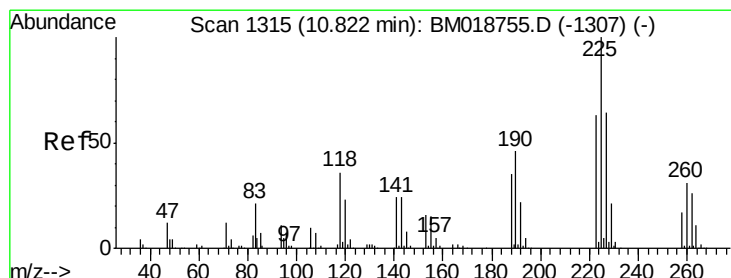
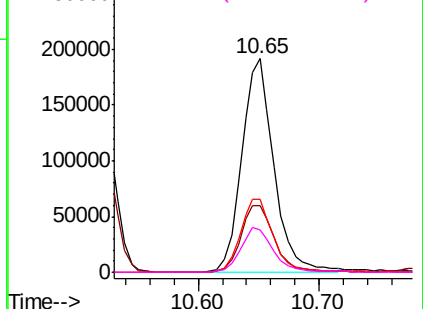
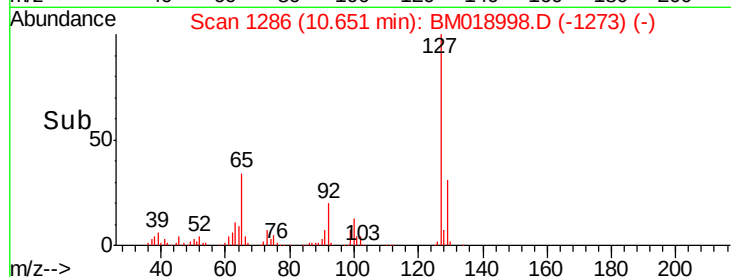
#33  
 4-Chloroaniline  
 Concen: 12.196 ng  
 RT: 10.65 min Scan# 1286  
 Delta R.T. -0.02 min  
 Lab File: BM018998.D  
 Acq: 01 Mar 2019 21:56

Instrument :  
 BNA\_M  
 ClientSampled :  
 Z-3-13-BMS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 353894 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 30.9  | 25.7  | 38.5   |
| 65       | 34.3  | 28.7  | 43.1   |
| 92       | 19.9  | 17.0  | 25.4   |

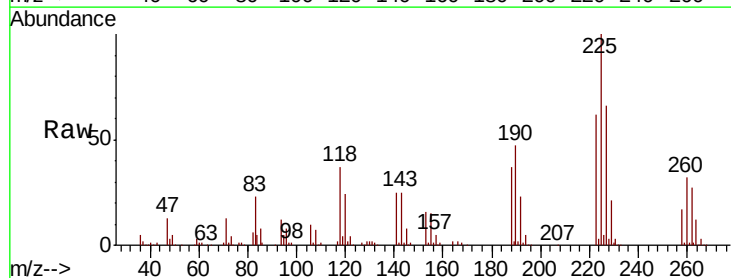


Abundance Ion 127.00 (126.70 to 127.70): E  
 Ion 129.00 (128.70 to 129.70): E  
 Ion 65.00 (64.70 to 65.70): BM  
 Ion 92.00 (91.70 to 92.70): BM

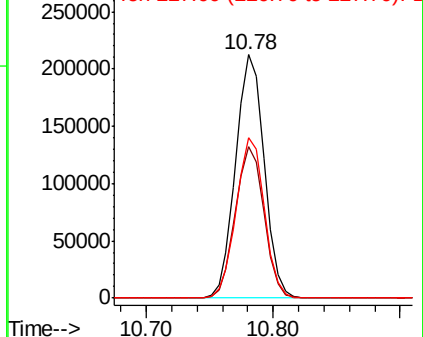
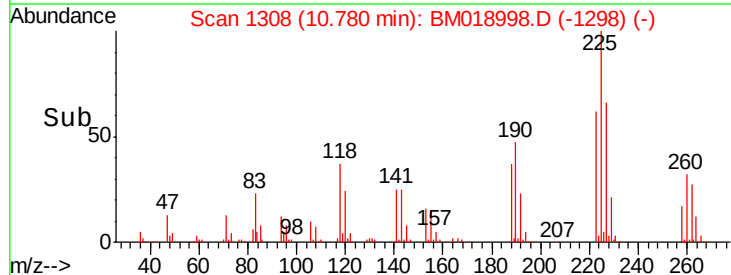


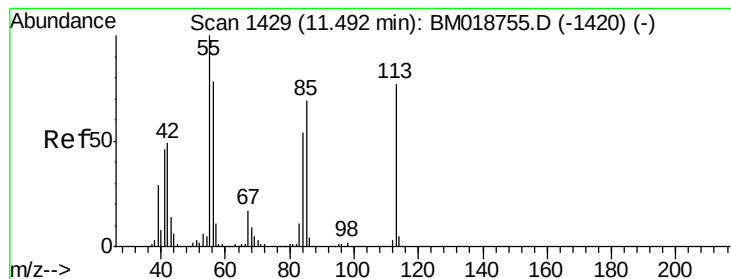
#34  
 Hexachlorobutadiene  
 Concen: 24.733 ng  
 RT: 10.78 min Scan# 1308  
 Delta R.T. -0.04 min  
 Lab File: BM018998.D  
 Acq: 01 Mar 2019 21:56

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 330840 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.4  | 50.1  | 75.1   |
| 227      | 66.0  | 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: 18.148 ng

RT: 11.46 min Scan# 1423

Delta R.T. -0.04 min

Lab File: BM018998.D

Acq: 01 Mar 2019 21:56

Instrument :

BNA\_M

ClientSampleId :

Z-3-13-BMS

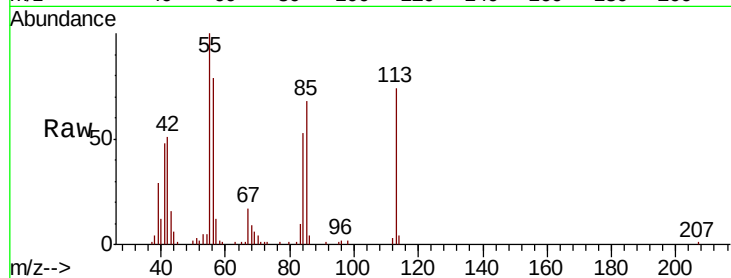
Tgt Ion:113 Resp: 147803

Ion Ratio Lower Upper

113 100

55 134.4 110.7 150.7

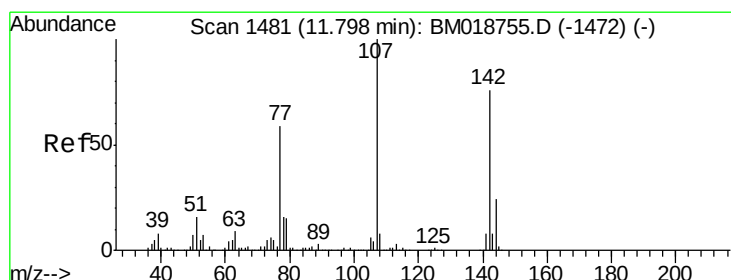
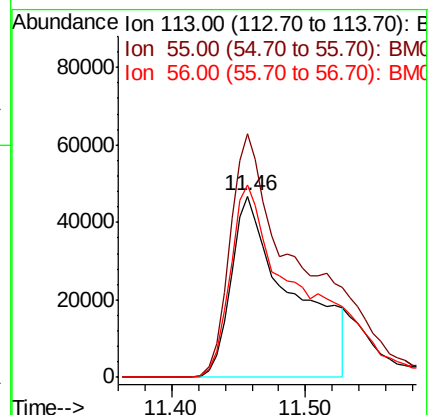
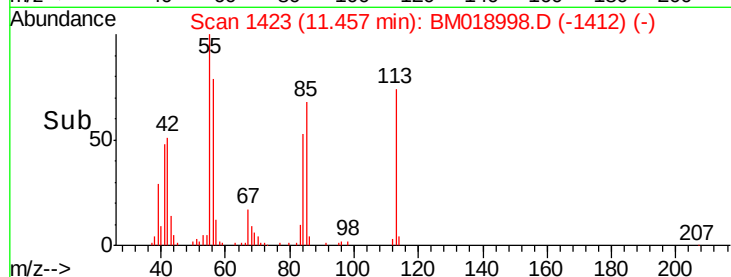
56 106.2 82.4 122.4



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: 26.823 ng

RT: 11.77 min Scan# 1476

Delta R.T. -0.03 min

Lab File: BM018998.D

Acq: 01 Mar 2019 21:56

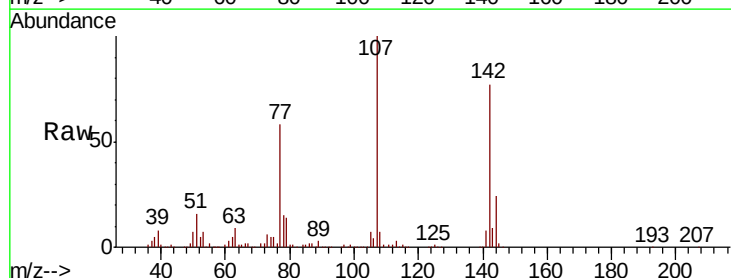
Tgt Ion:107 Resp: 645361

Ion Ratio Lower Upper

107 100

144 24.4 19.3 28.9

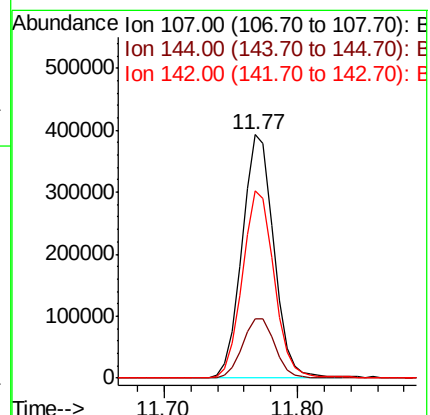
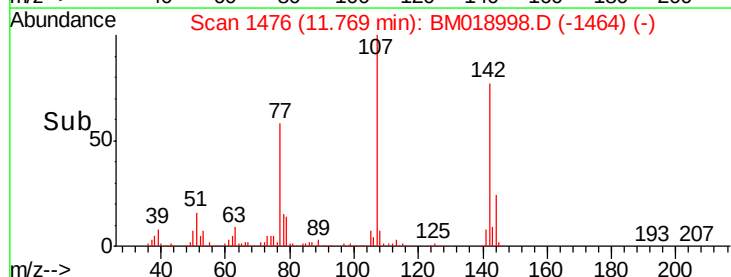
142 77.1 60.5 90.7

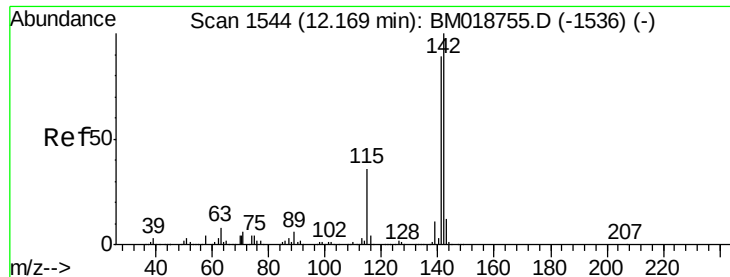


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

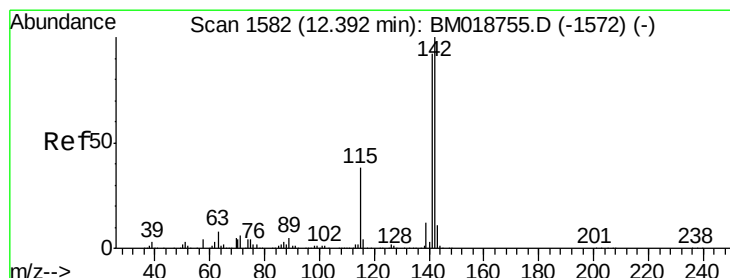
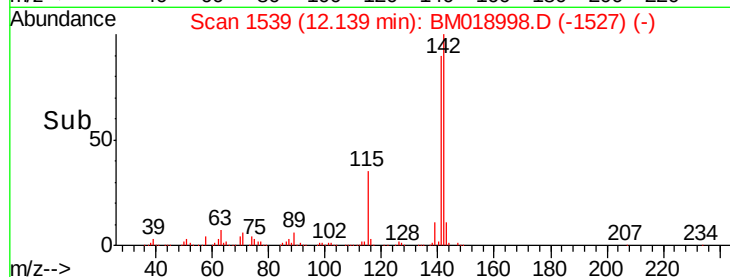
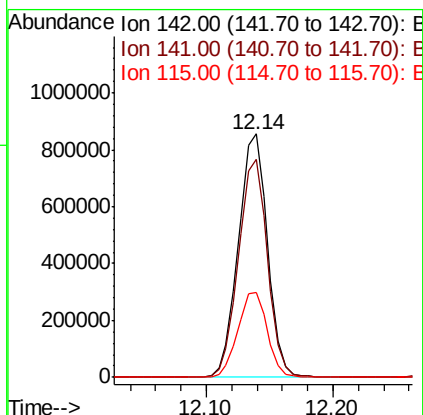
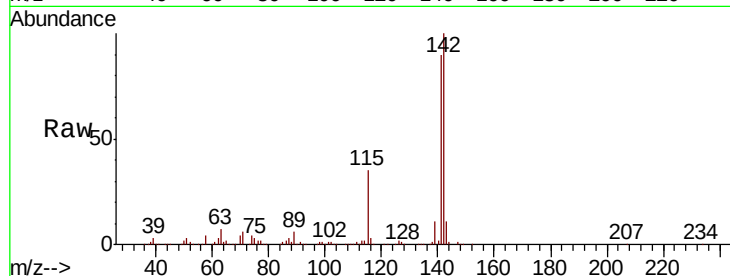




#37  
 2-Methylnaphthalene  
 Concen: 29.816 ng  
 RT: 12.14 min Scan# 1539  
 Delta R.T. -0.03 min  
 Lab File: BM018998.D  
 Acq: 01 Mar 2019 21:56

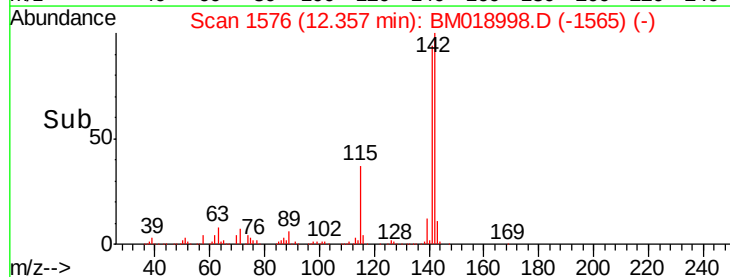
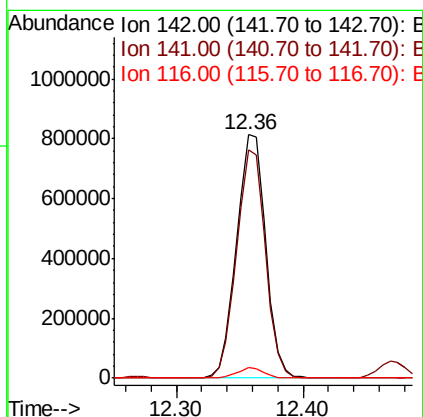
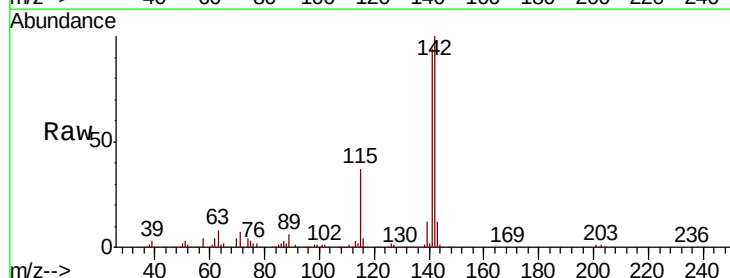
Instrument :  
 BNA\_M  
 ClientSampled :  
 Z-3-13-BMS

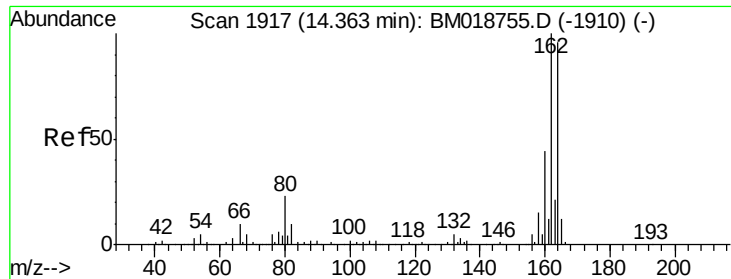
Tgt Ion:142 Resp: 1362673  
 Ion Ratio Lower Upper  
 142 100  
 141 89.5 71.2 106.8  
 115 35.0 29.1 43.7



#38  
 1-Methylnaphthalene  
 Concen: 28.890 ng  
 RT: 12.36 min Scan# 1576  
 Delta R.T. -0.04 min  
 Lab File: BM018998.D  
 Acq: 01 Mar 2019 21:56

Tgt Ion:142 Resp: 1291142  
 Ion Ratio Lower Upper  
 142 100  
 141 93.7 73.9 110.9  
 116 4.1 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.33 min Scan# 1912

Delta R.T. -0.03 min

Lab File: BM018998.D

Acq: 01 Mar 2019 21:56

Instrument :

BNA\_M

ClientSampleId :

Z-3-13-BMS

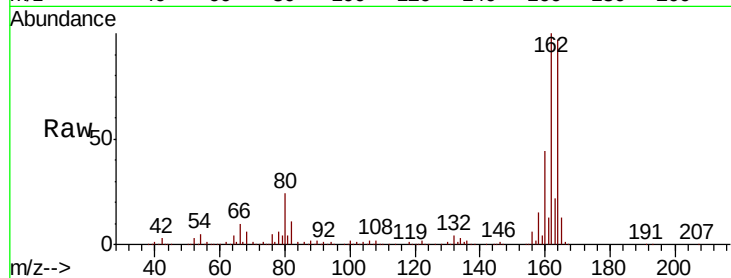
Tgt Ion:164 Resp: 717785

Ion Ratio Lower Upper

164 100

162 103.2 83.4 125.0

160 45.5 36.6 55.0

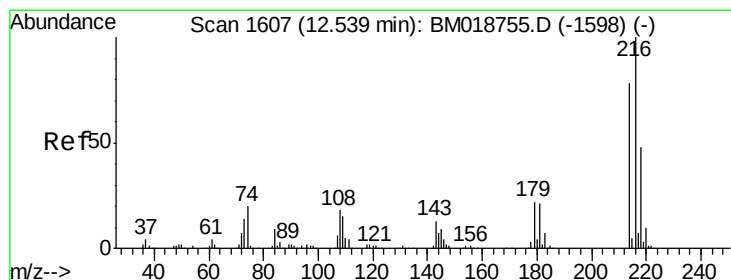
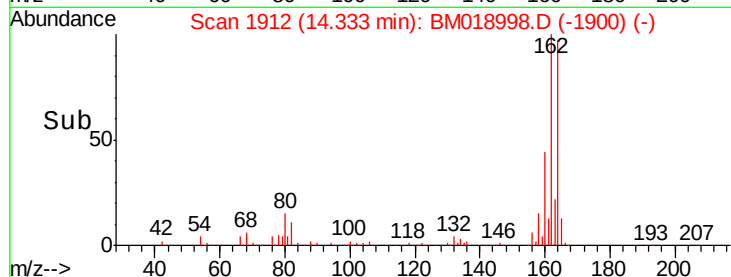
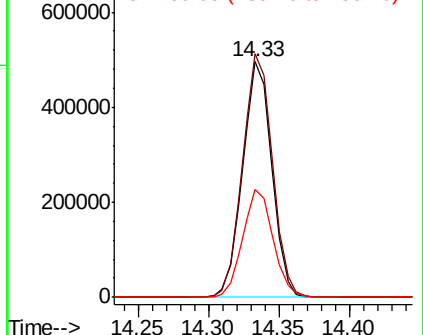


Abundance

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: 27.972 ng

RT: 12.50 min Scan# 1601

Delta R.T. -0.04 min

Lab File: BM018998.D

Acq: 01 Mar 2019 21:56

Tgt Ion:216 Resp: 642274

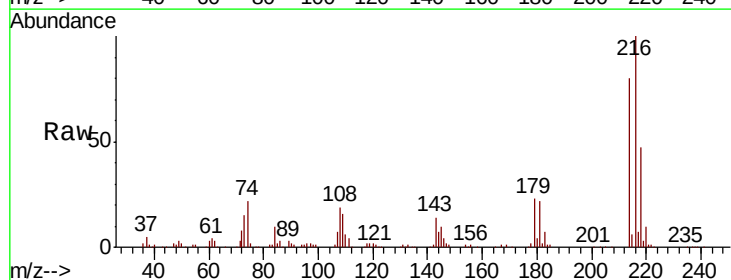
Ion Ratio Lower Upper

216 100

214 79.2 63.2 94.8

179 22.9 17.8 26.8

108 22.2 16.4 24.6



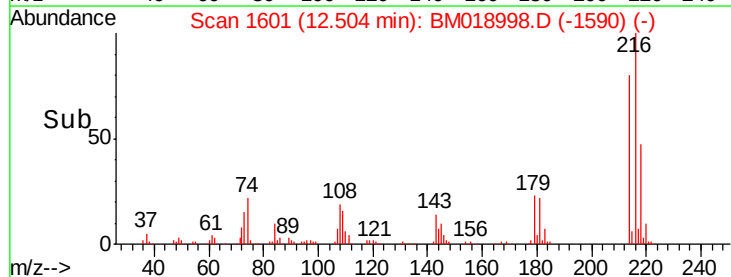
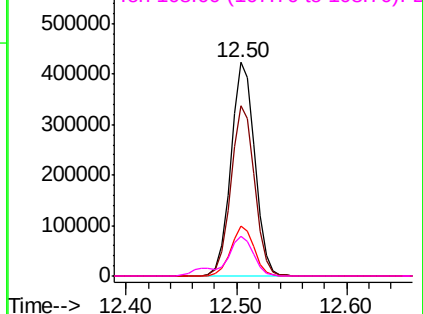
Abundance

Ion 216.00 (215.70 to 216.70): E

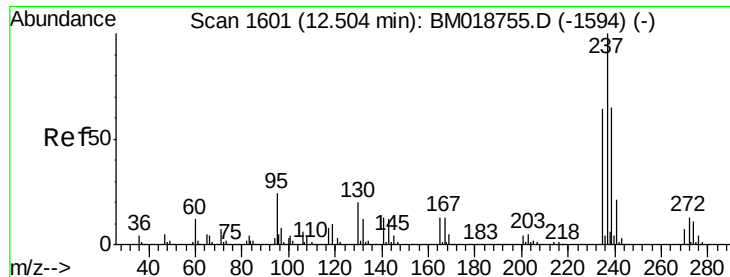
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E







#41

Hexachlorocyclopentadiene

Concen: 56.391 ng

RT: 12.47 min Scan# 1595

Delta R.T. -0.04 min

Lab File: BM018998.D

Acq: 01 Mar 2019 21:56

Instrument :

BNA\_M

ClientSampleId :

Z-3-13-BMS

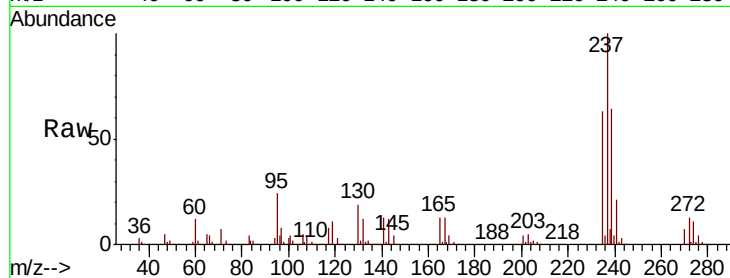
Tgt Ion:237 Resp: 661994

Ion Ratio Lower Upper

237 100

235 62.7 43.7 83.7

272 13.3 0.0 33.3

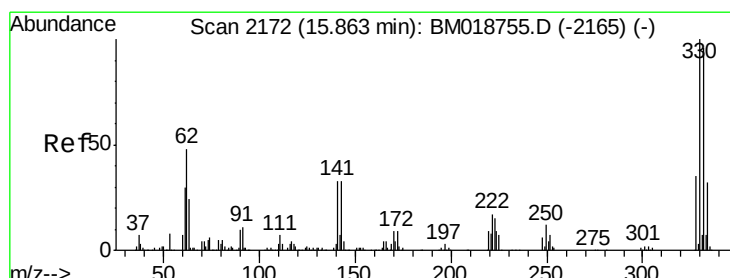
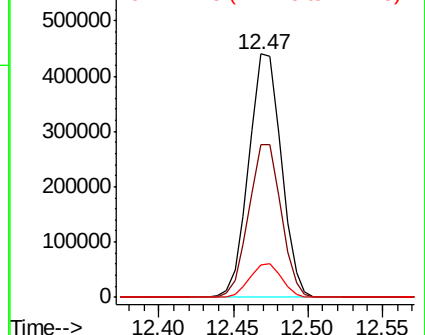
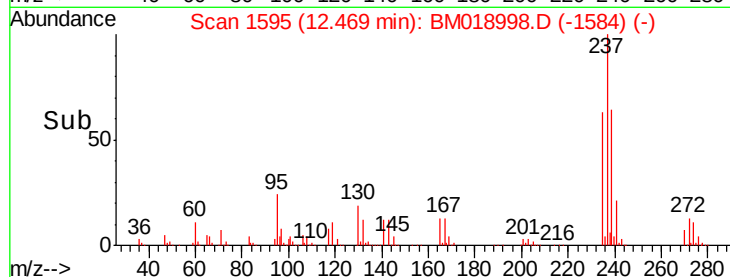


Abundance

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: 83.627 ng

RT: 15.83 min Scan# 2167

Delta R.T. -0.03 min

Lab File: BM018998.D

Acq: 01 Mar 2019 21:56

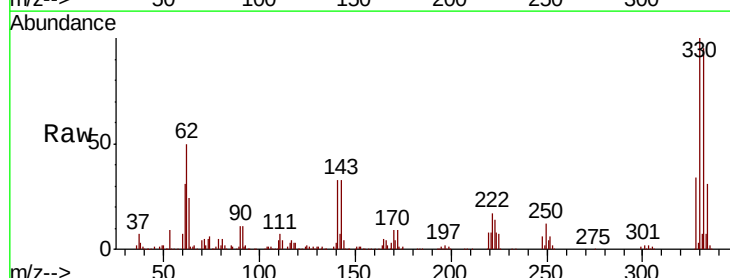
Tgt Ion:330 Resp: 865262

Ion Ratio Lower Upper

330 100

332 96.7 76.9 115.3

141 33.7 28.7 43.1

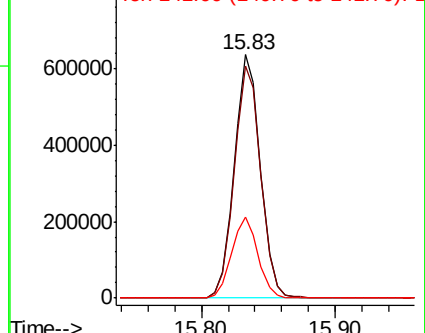
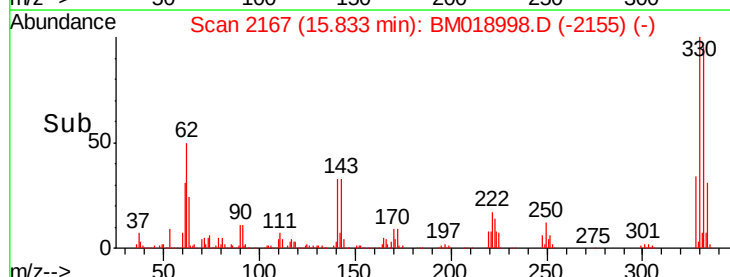


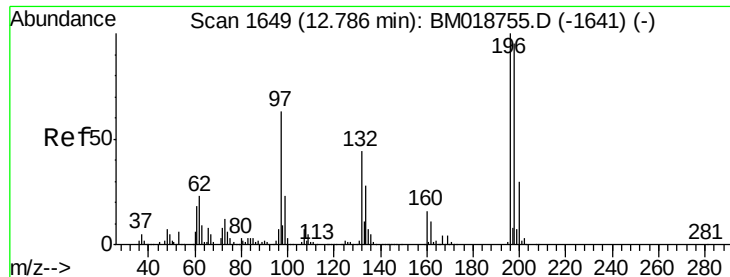
Abundance

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

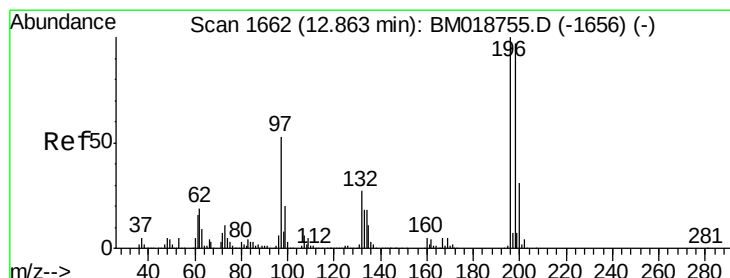
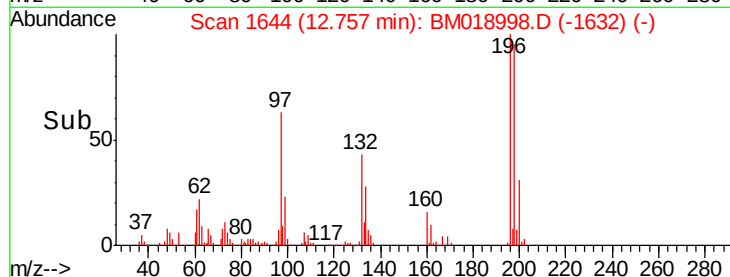
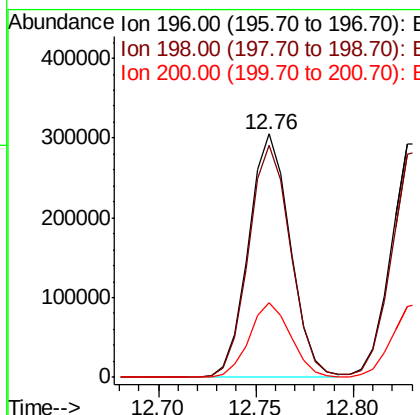
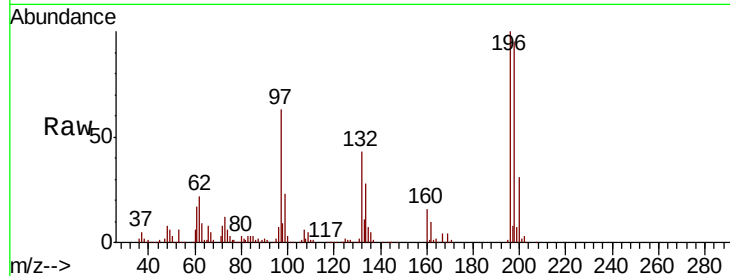




#43  
 2,4,6-Trichlorophenol  
 Concen: 29.663 ng  
 RT: 12.76 min Scan# 1644  
 Delta R.T. -0.03 min  
 Lab File: BM018998.D  
 Acq: 01 Mar 2019 21:56

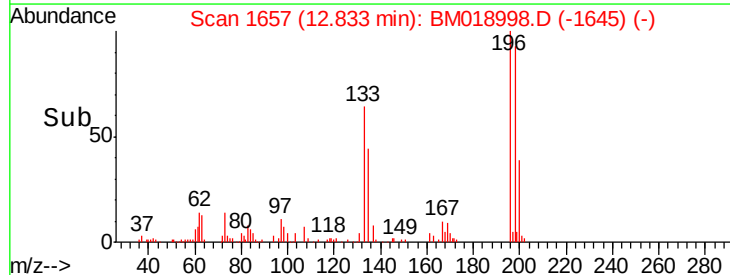
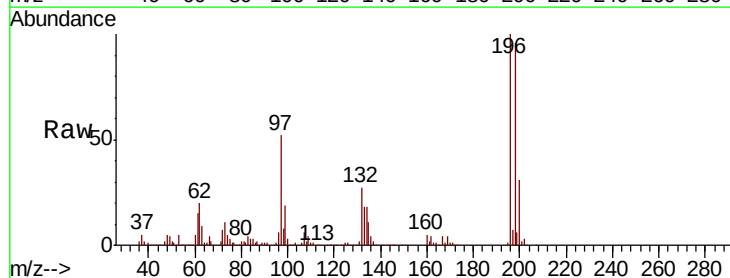
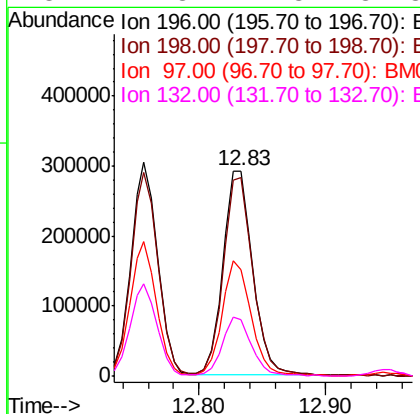
Instrument :  
 BNA\_M  
 ClientSampleId :  
 Z-3-13-BMS

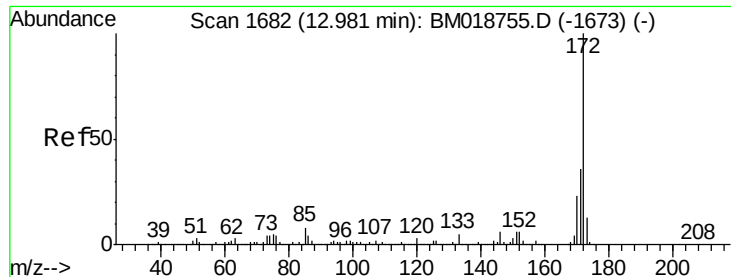
Tgt Ion:196 Resp: 450881  
 Ion Ratio Lower Upper  
 196 100  
 198 95.2 76.2 114.2  
 200 30.7 24.2 36.2



#44  
 2,4,5-Trichlorophenol  
 Concen: 29.562 ng  
 RT: 12.83 min Scan# 1657  
 Delta R.T. -0.03 min  
 Lab File: BM018998.D  
 Acq: 01 Mar 2019 21:56

Tgt Ion:196 Resp: 470975  
 Ion Ratio Lower Upper  
 196 100  
 198 96.4 77.6 116.4  
 97 51.9 42.8 64.2  
 132 27.3 21.8 32.8



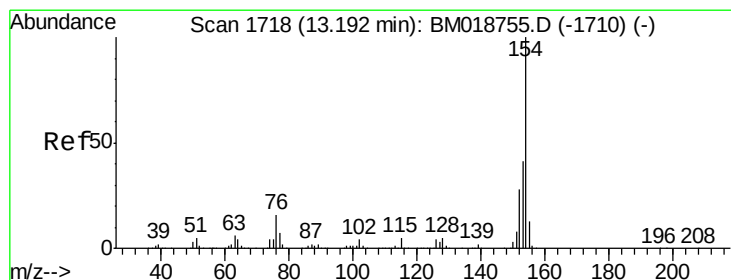
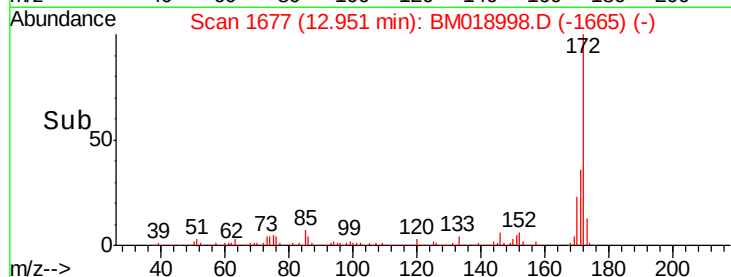
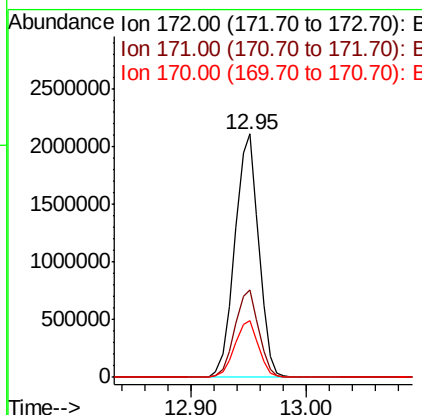
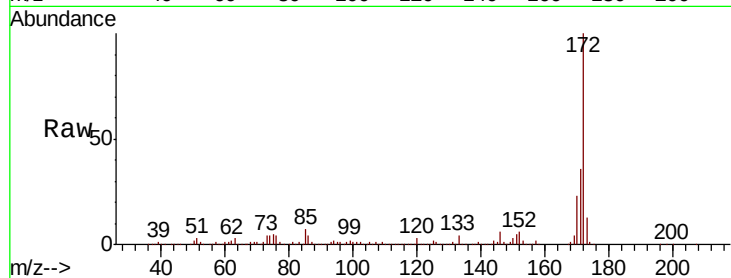


#45  
 2-Fluorobiphenyl  
 Concen: 55.439 ng  
 RT: 12.95 min Scan# 1677  
 Delta R.T. -0.03 min  
 Lab File: BM018998.D  
 Acq: 01 Mar 2019 21:56

Instrument :  
 BNA\_M  
 ClientSampleId :  
 Z-3-13-BMS

Tgt Ion:172 Resp: 2997687  

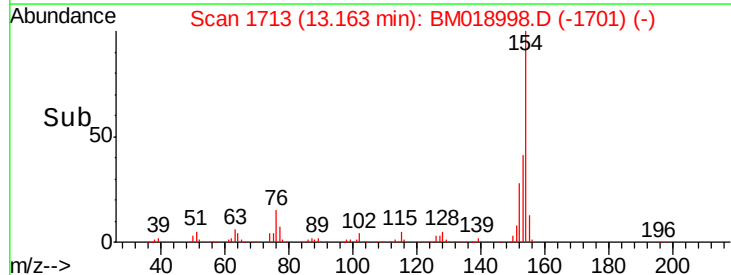
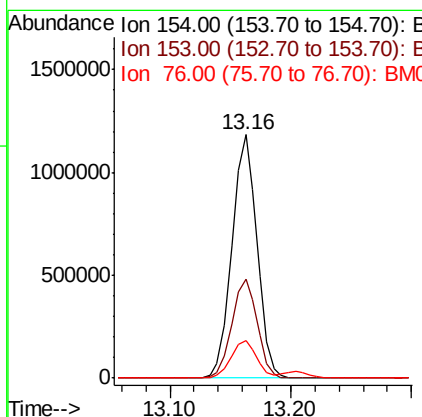
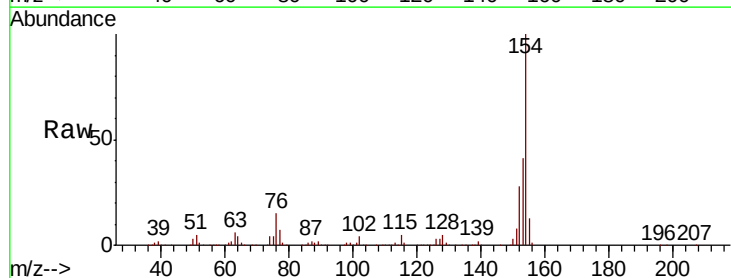
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 35.8  | 29.0  | 43.6  |
| 170 | 23.4  | 18.6  | 28.0  |

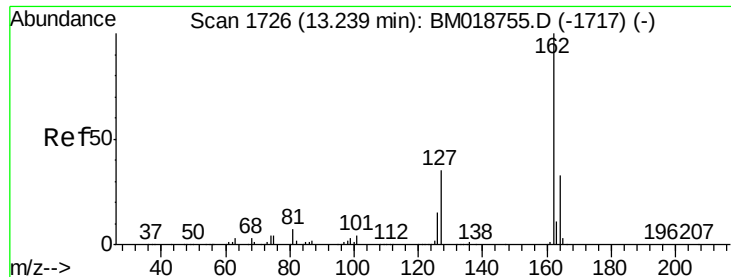


#46  
 1,1'-Biphenyl  
 Concen: 27.721 ng  
 RT: 13.16 min Scan# 1713  
 Delta R.T. -0.03 min  
 Lab File: BM018998.D  
 Acq: 01 Mar 2019 21:56

Tgt Ion:154 Resp: 1712752  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 40.6  | 21.1  | 61.1  |
| 76  | 15.4  | 0.0   | 35.7  |

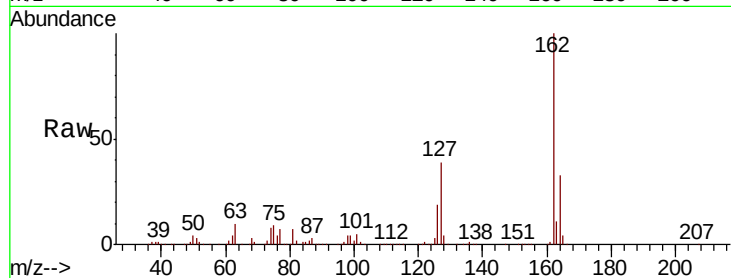




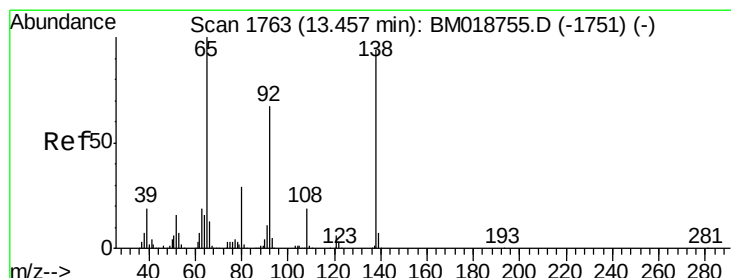
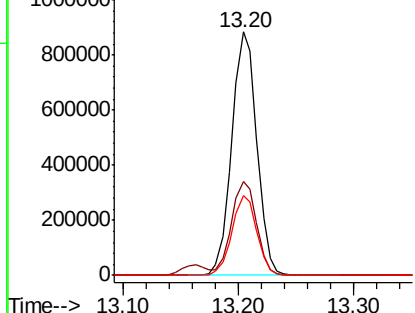
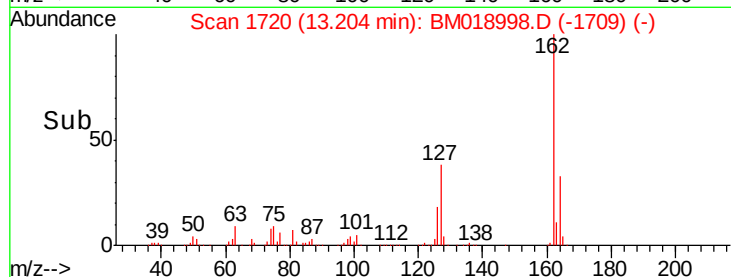
#47  
 2-Chloronaphthalene  
 Concen: 27.829 ng  
 RT: 13.20 min Scan# 1720  
 Delta R.T. -0.04 min  
 Lab File: BM018998.D  
 Acq: 01 Mar 2019 21:56

Instrument :  
 BNA\_M  
 ClientSampleId :  
 Z-3-13-BMS

Tgt Ion: 162 Resp: 1328043  
 Ion Ratio Lower Upper  
 162 100  
 127 38.6 31.1 46.7  
 164 32.6 26.4 39.6

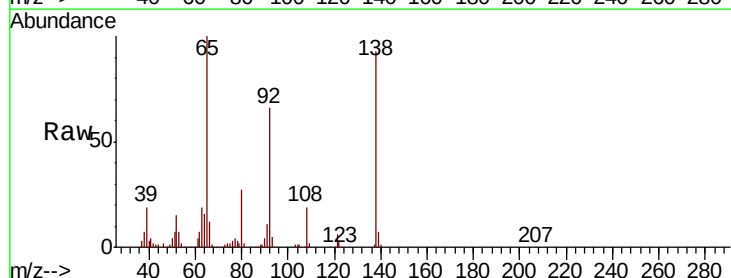


Abundance Ion 162.00 (161.70 to 162.70): E  
 1200000  
 Ion 127.00 (126.70 to 127.70): E  
 1000000  
 Ion 164.00 (163.70 to 164.70): E

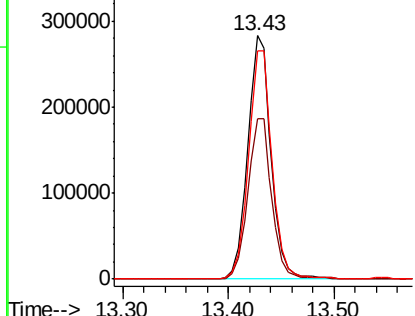
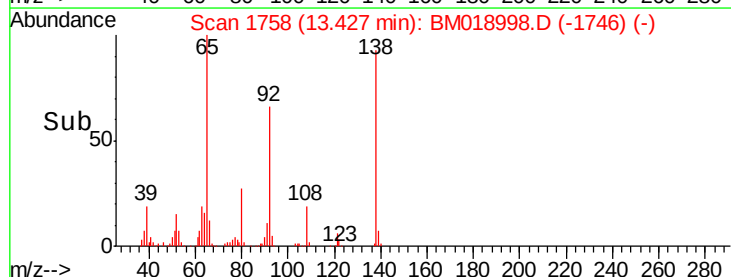


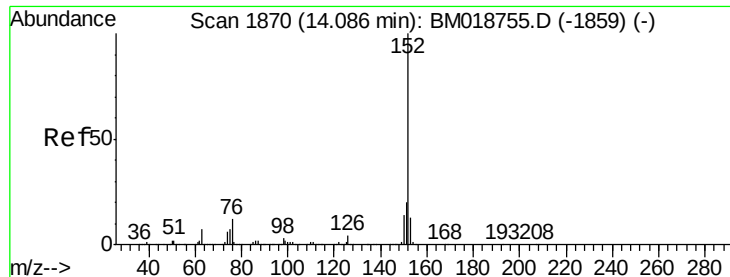
#48  
 2-Nitroaniline  
 Concen: 27.491 ng  
 RT: 13.43 min Scan# 1758  
 Delta R.T. -0.03 min  
 Lab File: BM018998.D  
 Acq: 01 Mar 2019 21:56

Tgt Ion: 65 Resp: 435715  
 Ion Ratio Lower Upper  
 65 100  
 92 66.0 54.0 81.0  
 138 93.5 74.9 112.3



Abundance Ion 65.00 (64.70 to 65.70): BM0  
 300000  
 Ion 92.00 (91.70 to 92.70): BM0  
 200000  
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 29.697 ng

RT: 14.06 min Scan# 1865

Delta R.T. -0.03 min

Lab File: BM018998.D

Acq: 01 Mar 2019 21:56

Instrument :

BNA\_M

ClientSampleId :

Z-3-13-BMS

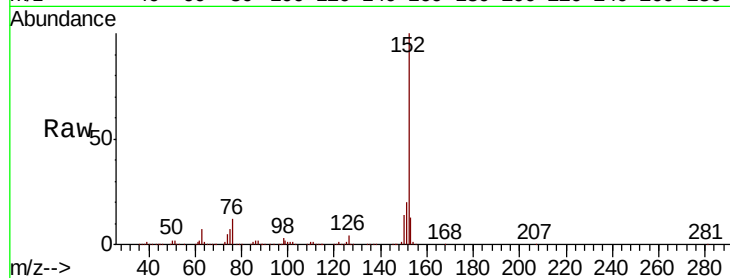
Tgt Ion:152 Resp: 2110269

Ion Ratio Lower Upper

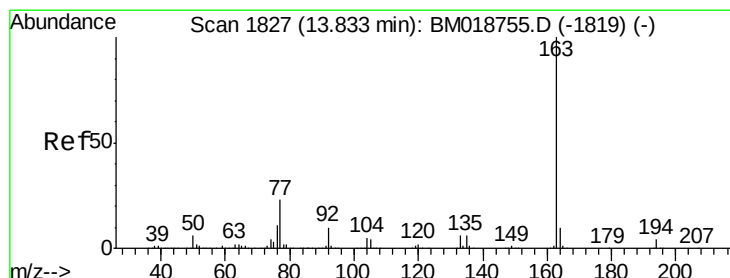
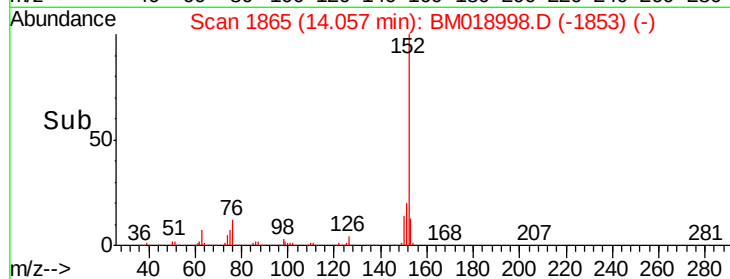
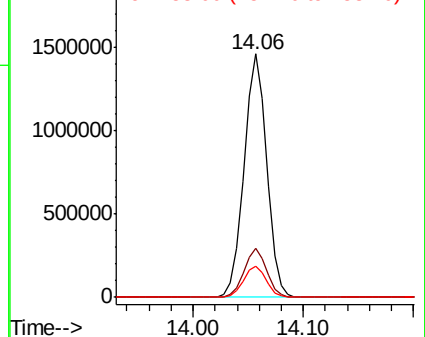
152 100

151 20.0 15.8 23.8

153 12.9 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 30.564 ng

RT: 13.80 min Scan# 1822

Delta R.T. -0.03 min

Lab File: BM018998.D

Acq: 01 Mar 2019 21:56

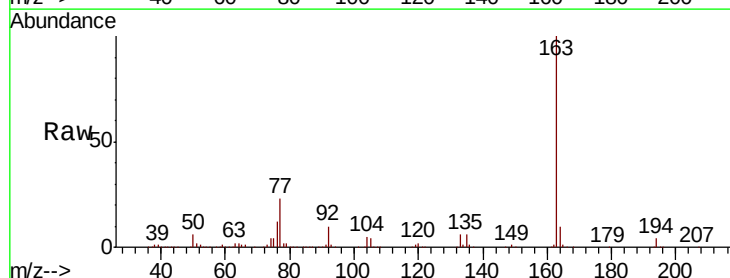
Tgt Ion:163 Resp: 1828341

Ion Ratio Lower Upper

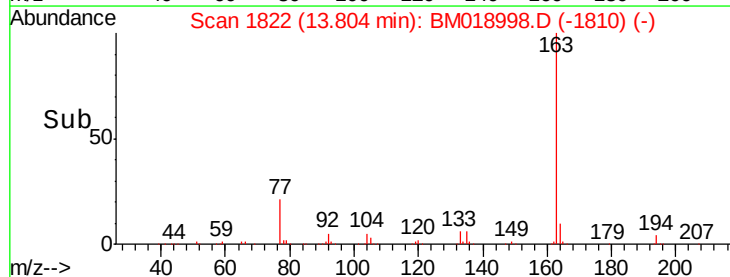
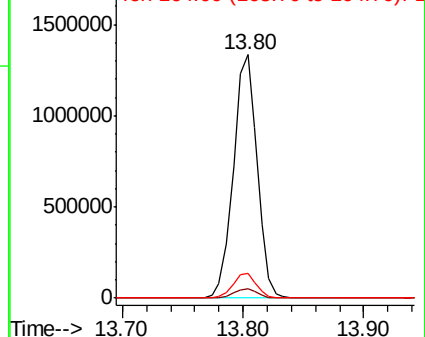
163 100

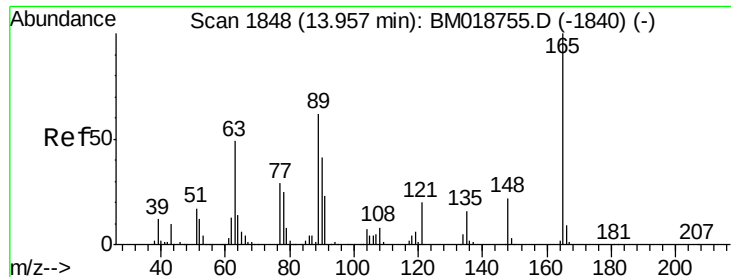
194 4.0 3.2 4.8

164 9.9 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

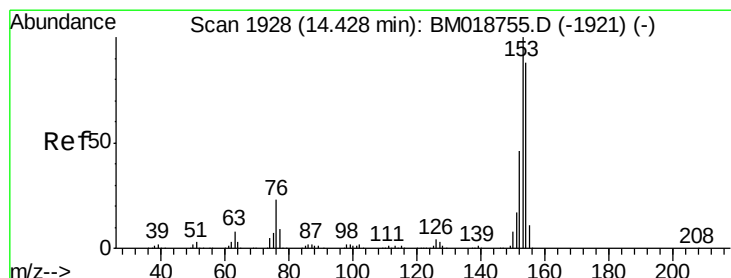
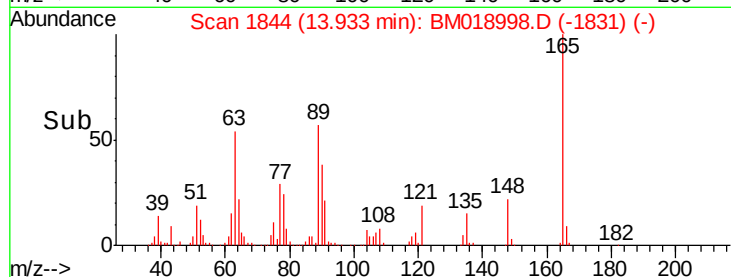
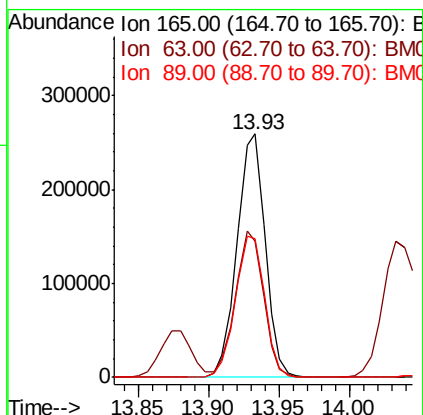
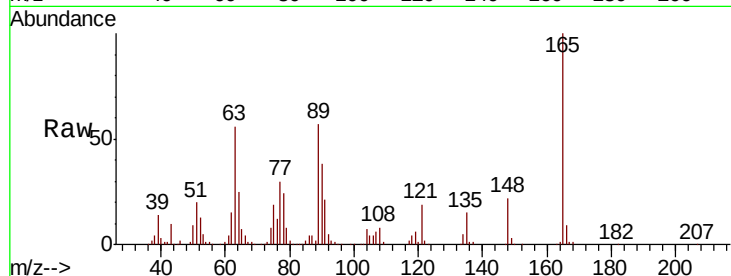




#51  
2,6-Dinitrotoluene  
Concen: 27.896 ng  
RT: 13.93 min Scan# 1844  
Delta R.T. -0.02 min  
Lab File: BM018998.D  
Acq: 01 Mar 2019 21:56

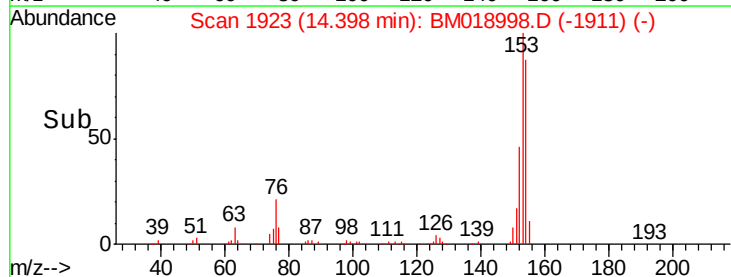
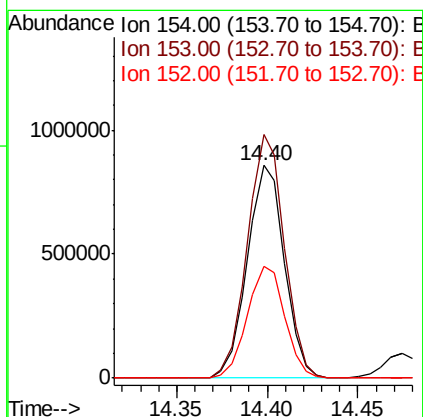
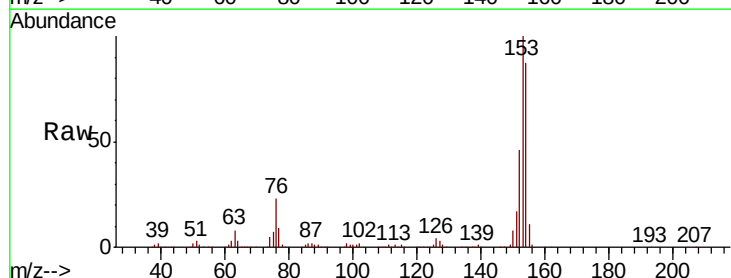
Instrument :  
BNA\_M  
ClientSampleId :  
Z-3-13-BMS

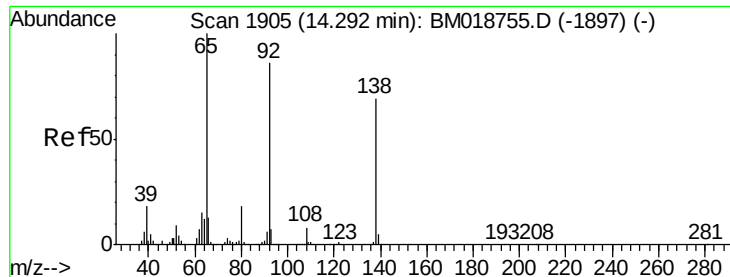
Tgt Ion:165 Resp: 361487  
Ion Ratio Lower Upper  
165 100  
63 55.9 48.9 73.3  
89 56.9 49.4 74.0



#52  
Acenaphthene  
Concen: 27.979 ng  
RT: 14.40 min Scan# 1923  
Delta R.T. -0.03 min  
Lab File: BM018998.D  
Acq: 01 Mar 2019 21:56

Tgt Ion:154 Resp: 1219109  
Ion Ratio Lower Upper  
154 100  
153 114.7 91.3 136.9  
152 52.5 42.2 63.4

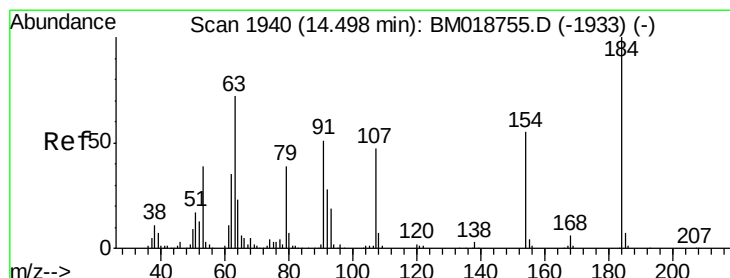
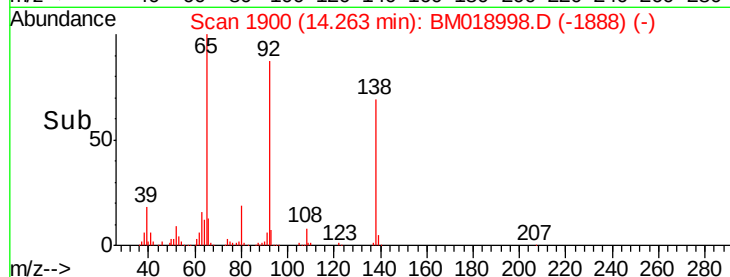
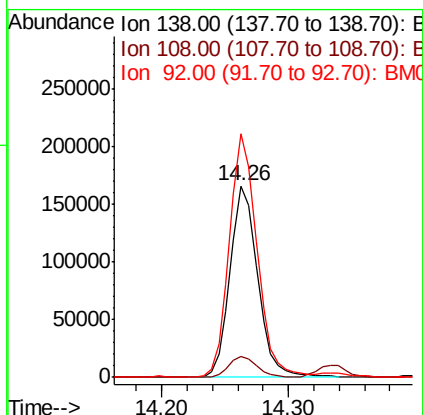
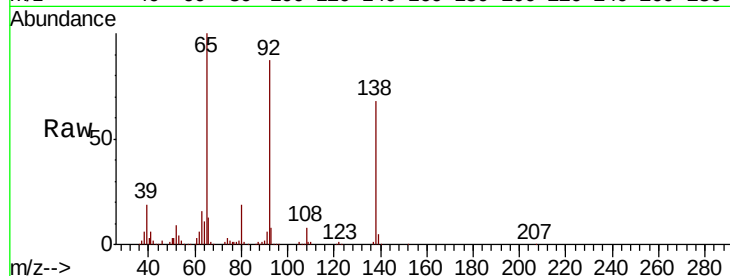




#53  
3-Nitroaniline  
Concen: 17.181 ng  
RT: 14.26 min Scan# 1900  
Delta R.T. -0.03 min  
Lab File: BM018998.D  
Acq: 01 Mar 2019 21:56

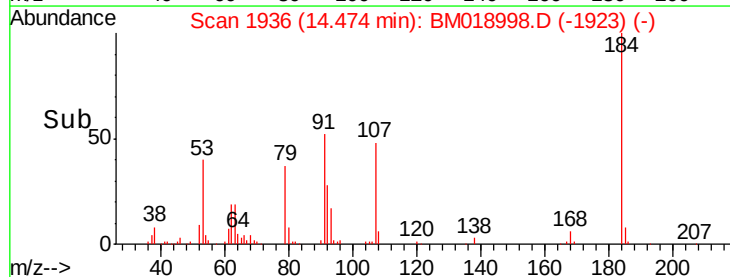
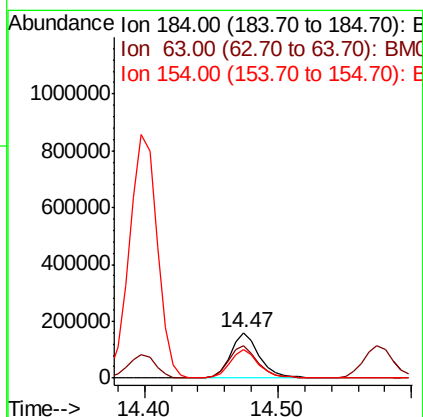
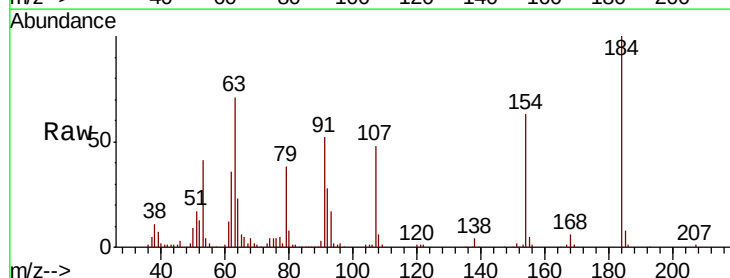
Instrument :  
BNA\_M  
ClientSampleId :  
Z-3-13-BMS

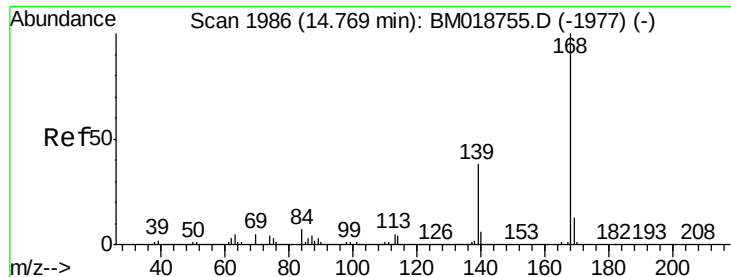
Tgt Ion:138 Resp: 251562  
Ion Ratio Lower Upper  
138 100  
108 11.2 9.1 13.7  
92 127.1 99.7 149.5



#54  
2,4-Dinitrophenol  
Concen: 33.019 ng  
RT: 14.47 min Scan# 1936  
Delta R.T. -0.02 min  
Lab File: BM018998.D  
Acq: 01 Mar 2019 21:56

Tgt Ion:184 Resp: 241517  
Ion Ratio Lower Upper  
184 100  
63 70.7 58.0 87.0  
154 62.6 50.3 75.5

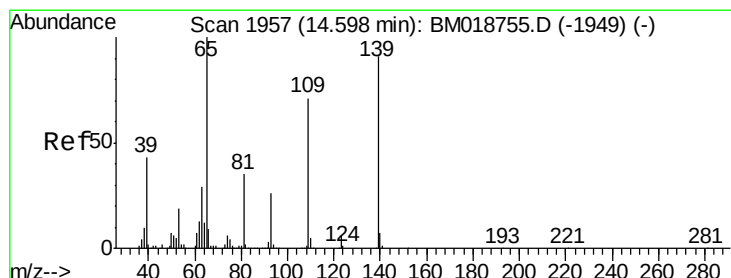
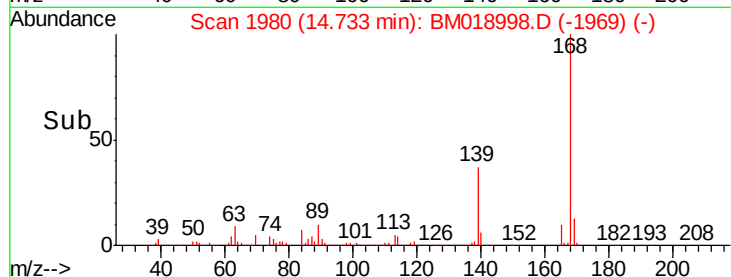
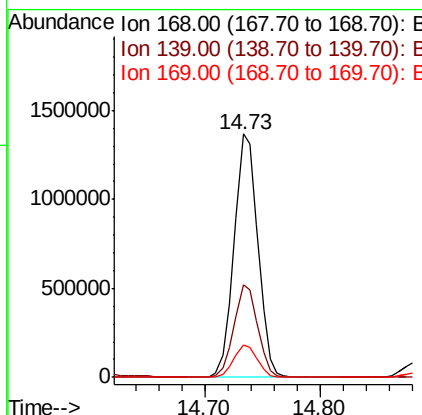
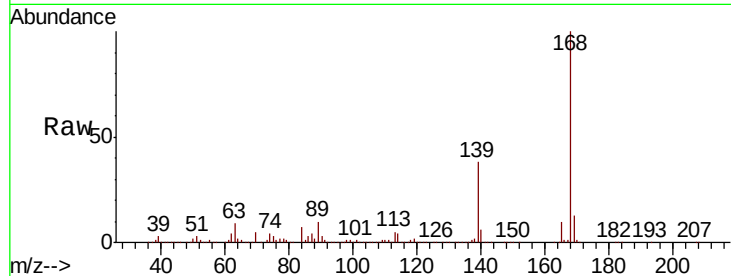




#55  
Dibenzofuran  
Concen: 27.258 ng  
RT: 14.73 min Scan# 1980  
Delta R.T. -0.04 min  
Lab File: BM018998.D  
Acq: 01 Mar 2019 21:56

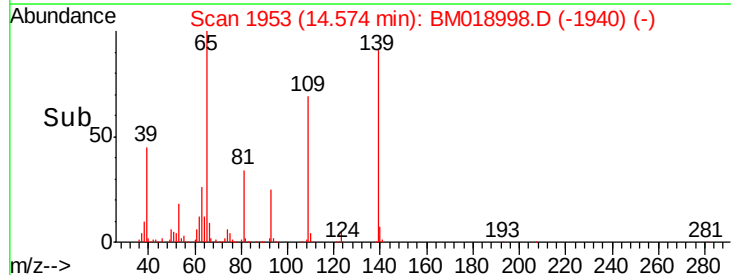
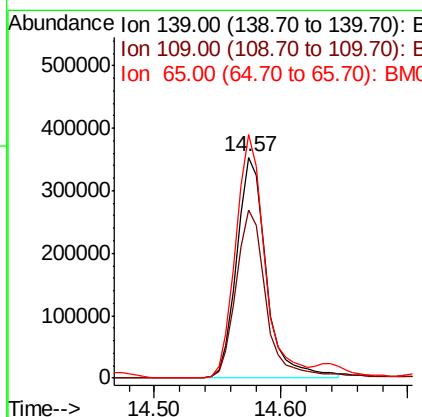
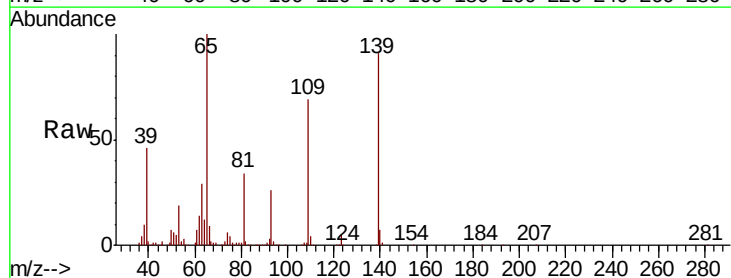
Instrument :  
BNA\_M  
ClientSampleId :  
Z-3-13-BMS

Tgt Ion:168 Resp: 1952126  
Ion Ratio Lower Upper  
168 100  
139 37.8 30.7 46.1  
169 13.3 10.3 15.5

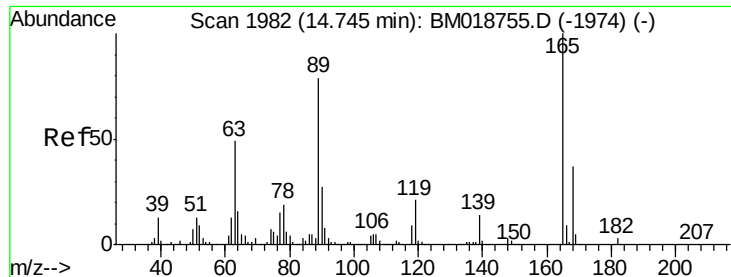


#56  
4-Nitrophenol  
Concen: 49.066 ng  
RT: 14.57 min Scan# 1953  
Delta R.T. -0.02 min  
Lab File: BM018998.D  
Acq: 01 Mar 2019 21:56

Tgt Ion:139 Resp: 573490  
Ion Ratio Lower Upper  
139 100  
109 76.2 58.4 98.4  
65 110.1 89.8 129.8



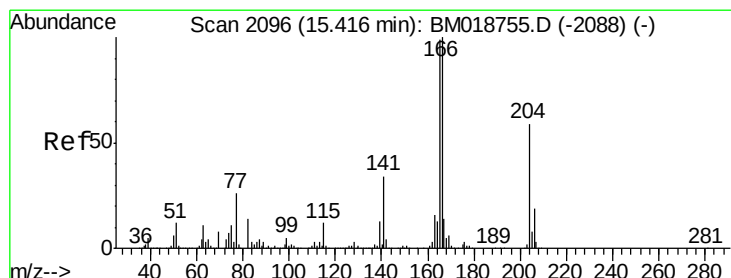
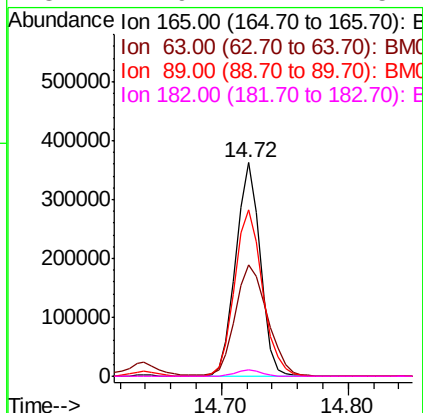
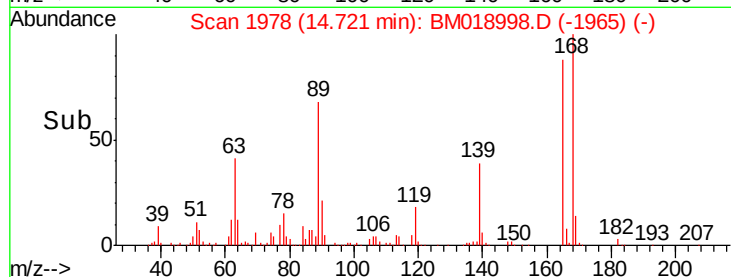
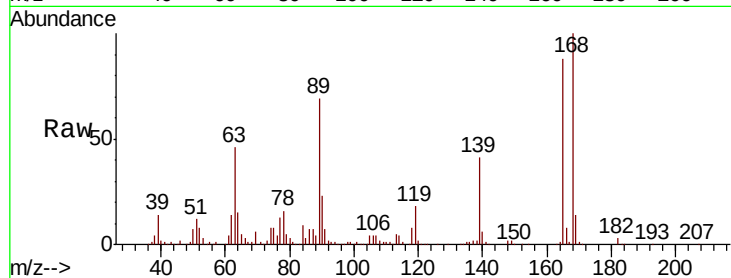




#57  
2,4-Dinitrotoluene  
Concen: 27.042 ng  
RT: 14.72 min Scan# 1978  
Delta R.T. -0.02 min  
Lab File: BM018998.D  
Acq: 01 Mar 2019 21:56

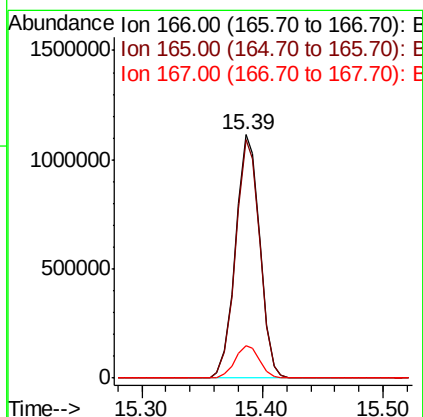
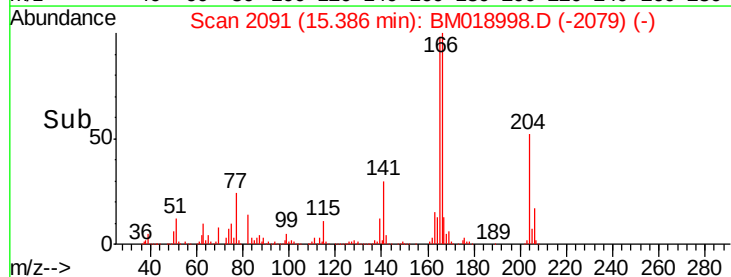
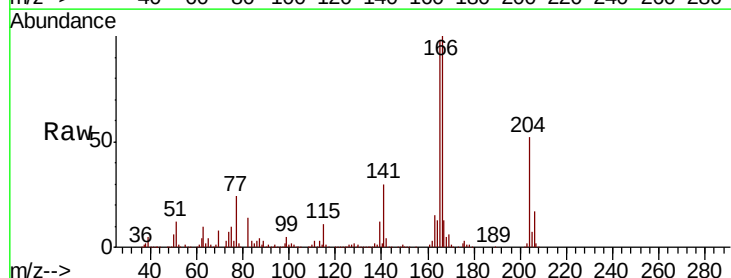
Instrument :  
BNA\_M  
ClientSampleId :  
Z-3-13-BMS

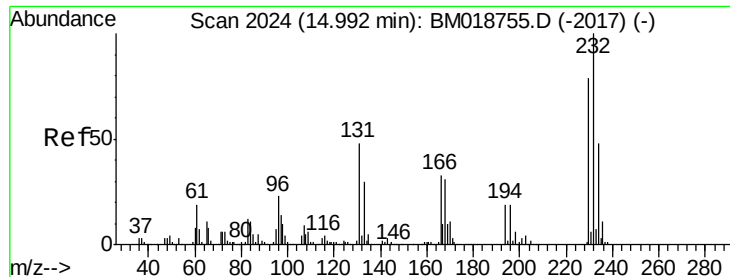
Tgt Ion:165 Resp: 482811  
Ion Ratio Lower Upper  
165 100  
63 51.9 39.6 59.4  
89 78.2 63.5 95.3  
182 2.9 2.2 3.4



#58  
Fluorene  
Concen: 28.507 ng  
RT: 15.39 min Scan# 2091  
Delta R.T. -0.03 min  
Lab File: BM018998.D  
Acq: 01 Mar 2019 21:56

Tgt Ion:166 Resp: 1561854  
Ion Ratio Lower Upper  
166 100  
165 98.0 79.1 118.7  
167 13.2 11.0 16.4

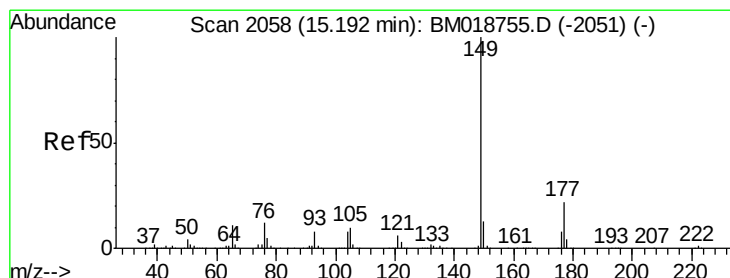
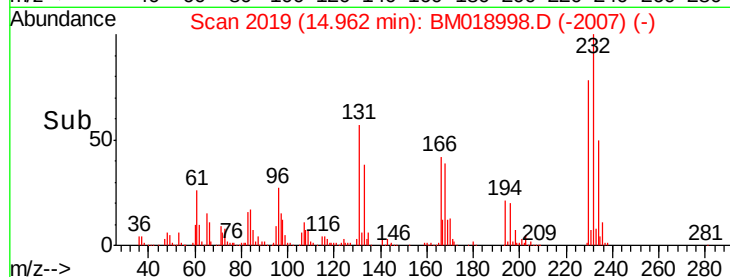
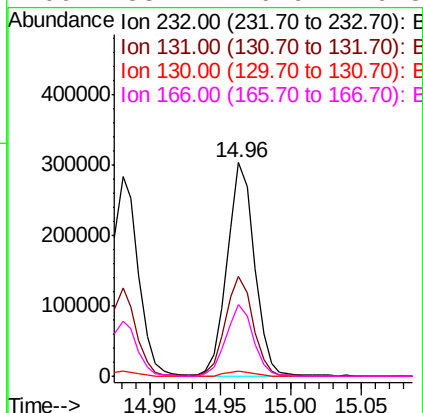
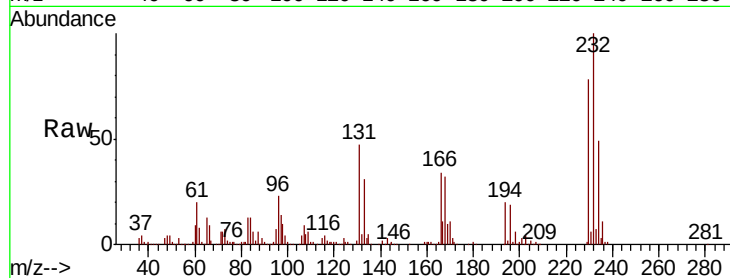




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 28.943 ng  
RT: 14.96 min Scan# 2019  
Delta R.T. -0.03 min  
Lab File: BM018998.D  
Acq: 01 Mar 2019 21:56

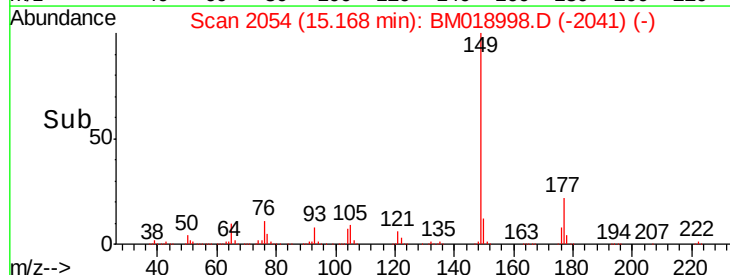
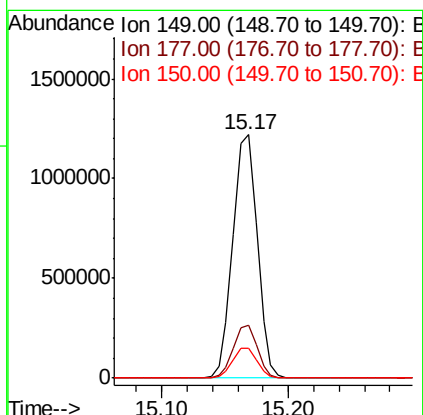
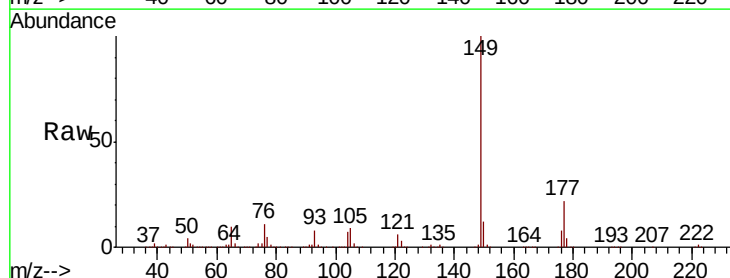
Instrument :  
BNA\_M  
ClientSampleId :  
Z-3-13-BMS

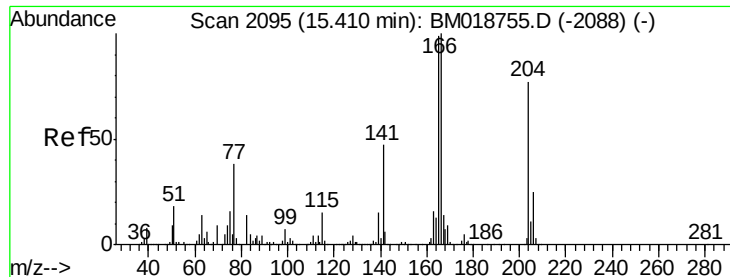
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 232   | Resp: | 407586 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 47.4  | 38.6  | 57.8   |
| 130      | 2.4   | 2.0   | 3.0    |
| 166      | 33.2  | 26.9  | 40.3   |



#60  
Diethylphthalate  
Concen: 26.387 ng  
RT: 15.17 min Scan# 2054  
Delta R.T. -0.02 min  
Lab File: BM018998.D  
Acq: 01 Mar 2019 21:56

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 149   | Resp: | 1628234 |
| Ion      | Ratio | Lower | Upper   |
| 149      | 100   |       |         |
| 177      | 21.8  | 17.2  | 25.8    |
| 150      | 12.3  | 10.2  | 15.2    |

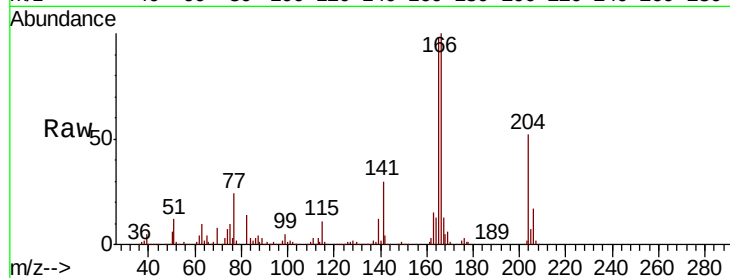




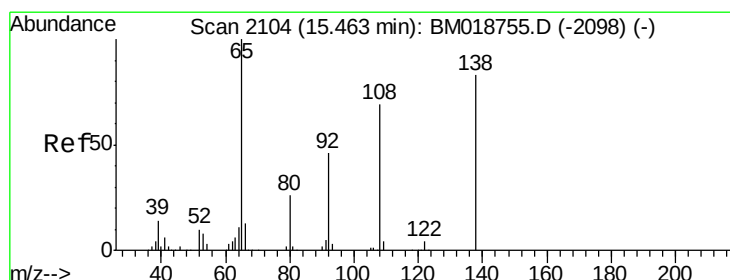
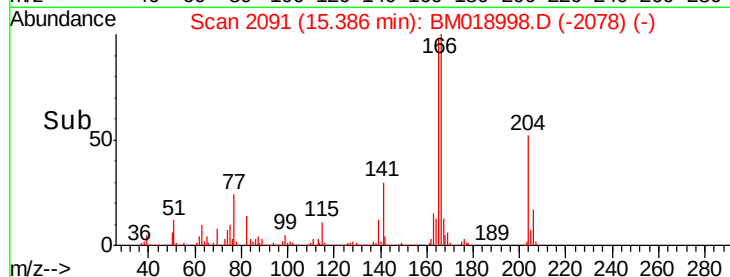
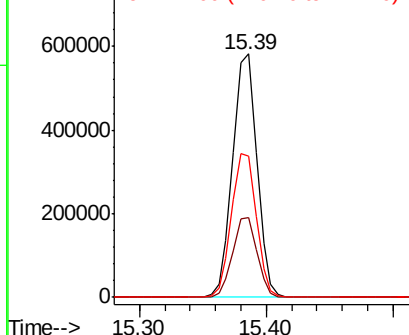
#61  
4-Chlorophenyl-phenylether  
Concen: 25.083 ng  
RT: 15.39 min Scan# 2091  
Delta R.T. -0.02 min  
Lab File: BM018998.D  
Acq: 01 Mar 2019 21:56

Instrument :  
BNA\_M  
ClientSampleId :  
Z-3-13-BMS

Tgt Ion: 204 Resp: 770515  
Ion Ratio Lower Upper  
204 100  
206 32.9 26.2 39.2  
141 58.1 49.2 73.8

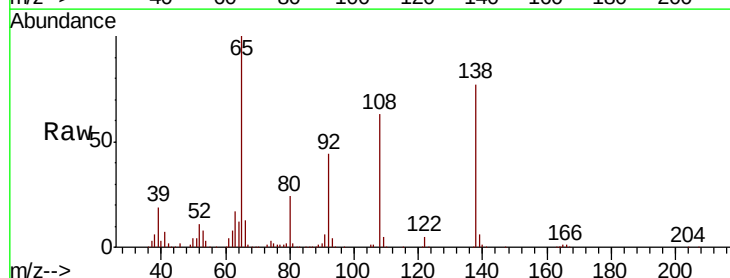


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

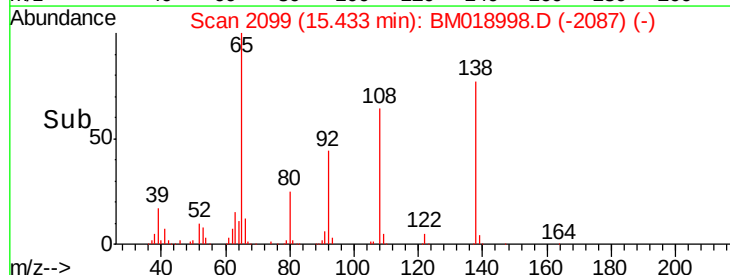
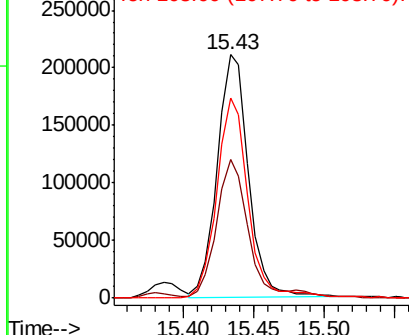


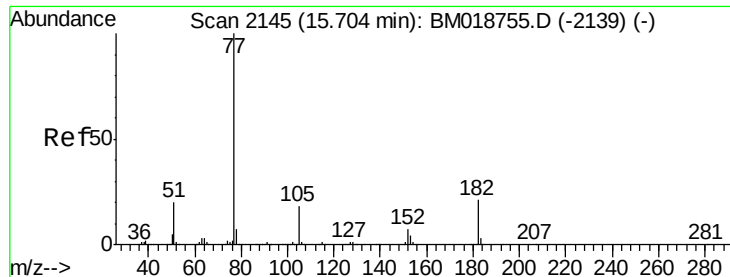
#62  
4-Nitroaniline  
Concen: 22.434 ng  
RT: 15.43 min Scan# 2099  
Delta R.T. -0.03 min  
Lab File: BM018998.D  
Acq: 01 Mar 2019 21:56

Tgt Ion: 138 Resp: 322024  
Ion Ratio Lower Upper  
138 100  
92 56.9 35.5 75.5  
108 82.4 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: 26.415 ng

RT: 15.68 min Scan# 2141

Delta R.T. -0.02 min

Lab File: BM018998.D

Acq: 01 Mar 2019 21:56

Instrument :

BNA\_M

ClientSampleId :

Z-3-13-BMS

Tgt Ion: 77 Resp: 1747677

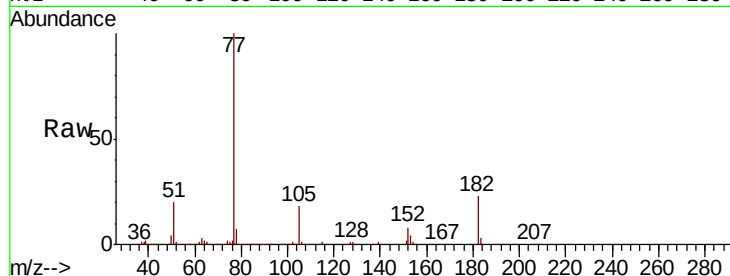
Ion Ratio Lower Upper

77 100

182 22.8 1.0 41.0

105 18.2 0.0 37.7

51 20.4 0.3 40.3



Abundance Ion 77.00 (76.70 to 77.70): BM018998.D (-2128) (-)

2000000

Ion 182.00 (181.70 to 182.70): BM018998.D (-2128) (-)

1500000

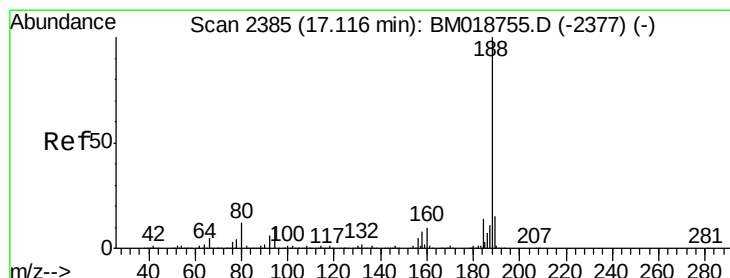
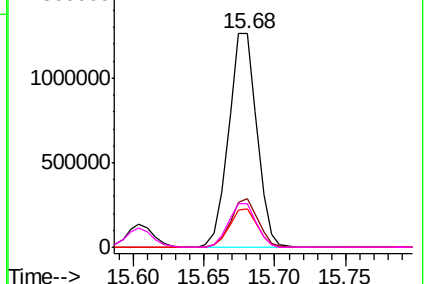
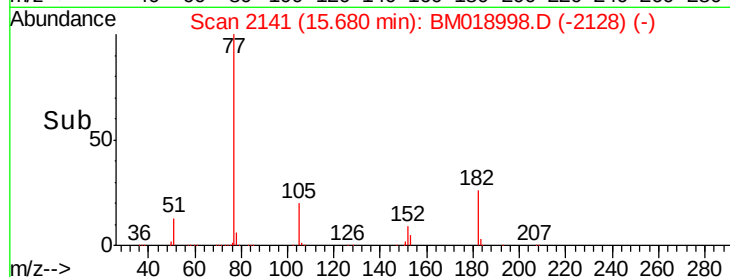
Ion 105.00 (104.70 to 105.70): BM018998.D (-2128) (-)

1000000

Ion 51.00 (50.70 to 51.70): BM018998.D (-2128) (-)

500000

0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.09 min Scan# 2380

Delta R.T. -0.03 min

Lab File: BM018998.D

Acq: 01 Mar 2019 21:56

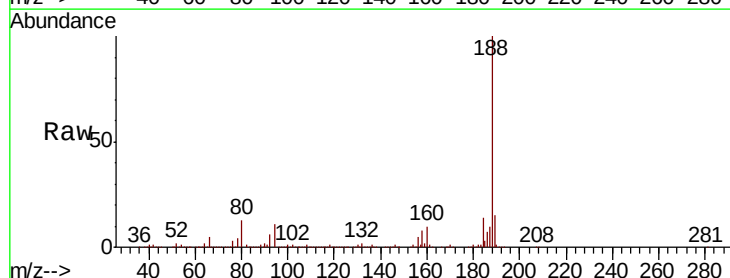
Tgt Ion: 188 Resp: 1450275

Ion Ratio Lower Upper

188 100

94 10.6 8.2 12.2

80 12.6 9.7 14.5



Abundance Ion 188.00 (187.70 to 188.70): BM018998.D (-2368) (-)

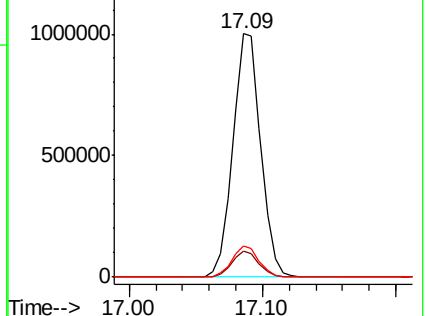
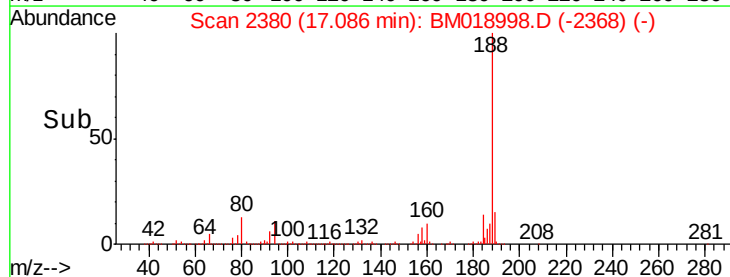
1000000

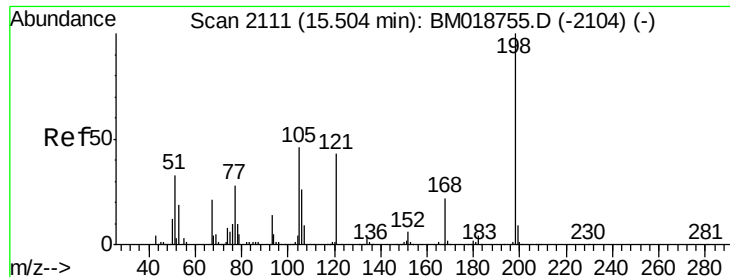
Ion 94.00 (93.70 to 94.70): BM018998.D (-2368) (-)

500000

Ion 80.00 (79.70 to 80.70): BM018998.D (-2368) (-)

0

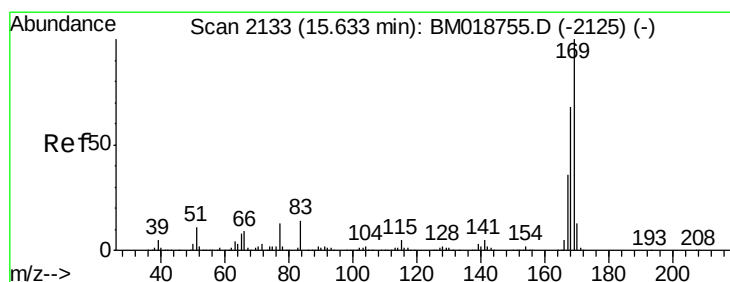
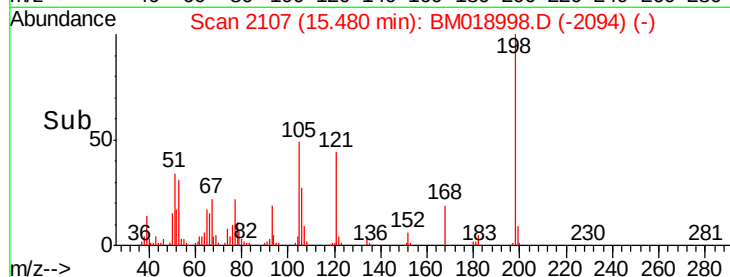
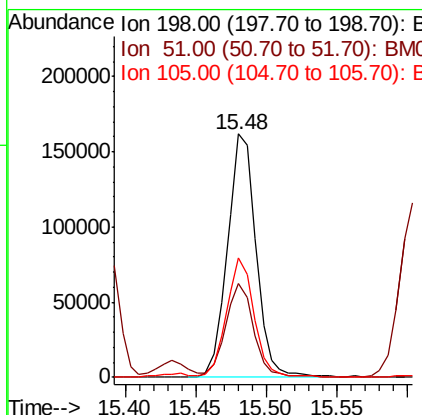
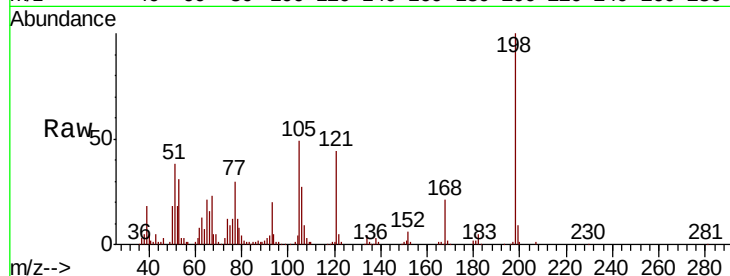




#65  
4,6-Dinitro-2-methylphenol  
Concen: 22.394 ng  
RT: 15.48 min Scan# 2107  
Delta R.T. -0.02 min  
Lab File: BM018998.D  
Acq: 01 Mar 2019 21:56

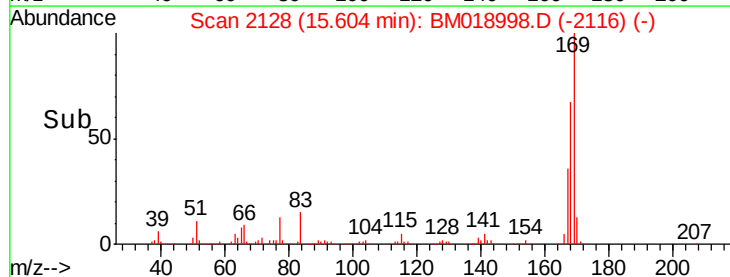
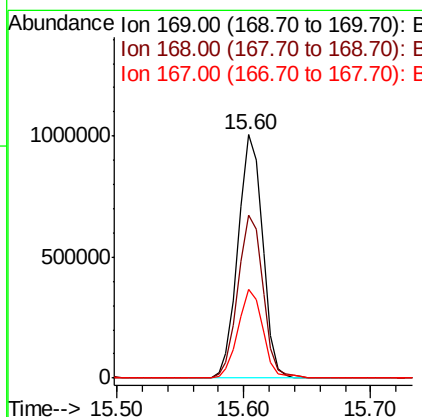
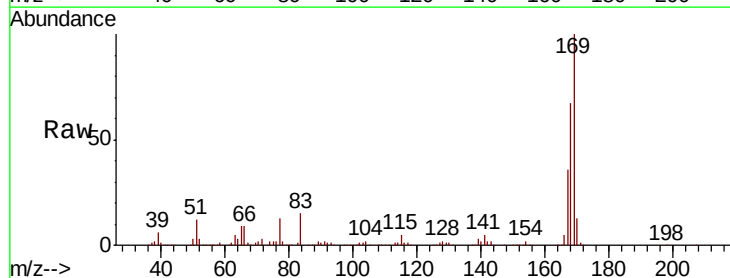
Instrument :  
BNA\_M  
ClientSampleId :  
Z-3-13-BMS

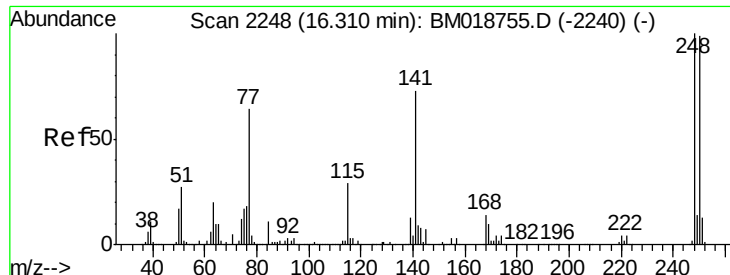
Tgt Ion:198 Resp: 228028  
Ion Ratio Lower Upper  
198 100  
51 38.4 18.4 58.4  
105 48.9 27.2 67.2



#66  
n-Nitrosodiphenylamine  
Concen: 29.387 ng  
RT: 15.60 min Scan# 2128  
Delta R.T. -0.03 min  
Lab File: BM018998.D  
Acq: 01 Mar 2019 21:56

Tgt Ion:169 Resp: 1346501  
Ion Ratio Lower Upper  
169 100  
168 67.2 54.4 81.6  
167 36.3 29.0 43.6

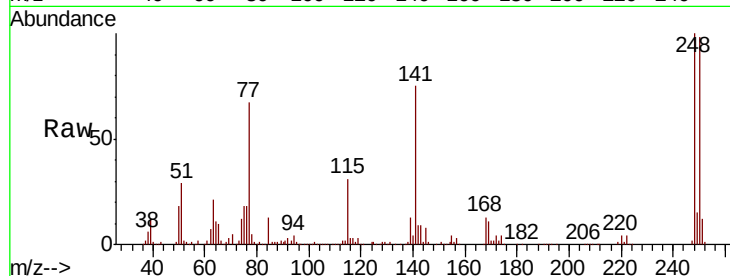




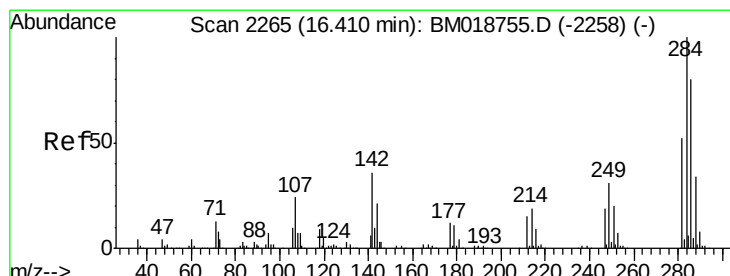
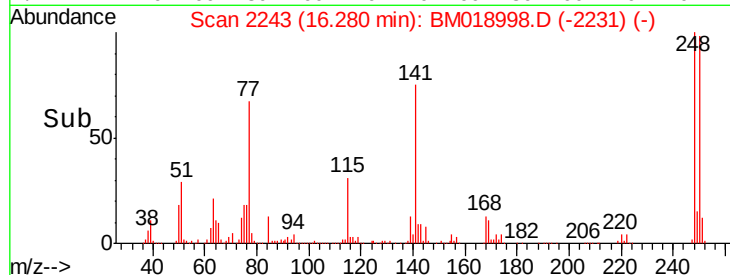
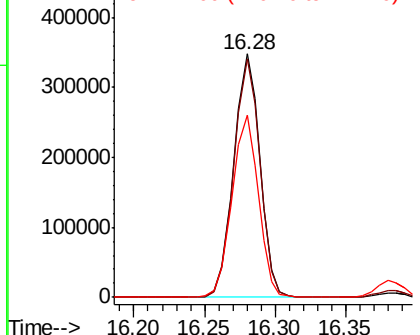
#67  
 4-Bromophenyl-phenylether  
 Concen: 27.774 ng  
 RT: 16.28 min Scan# 2243  
 Delta R.T. -0.03 min  
 Lab File: BM018998.D  
 Acq: 01 Mar 2019 21:56

Instrument :  
 BNA\_M  
 ClientSampleId :  
 Z-3-13-BMS

Tgt Ion: 248 Resp: 450865  
 Ion Ratio Lower Upper  
 248 100  
 250 98.0 79.0 118.6  
 141 75.0 58.6 88.0

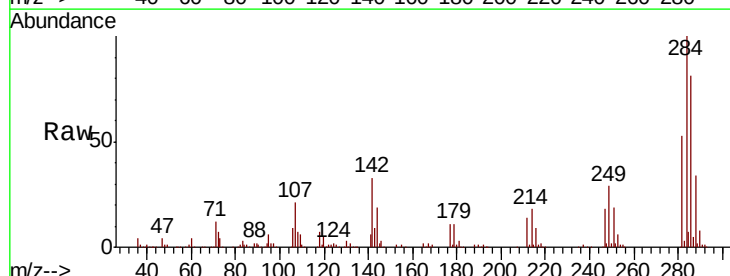


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

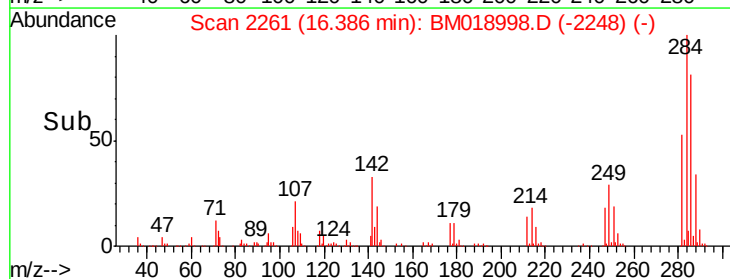
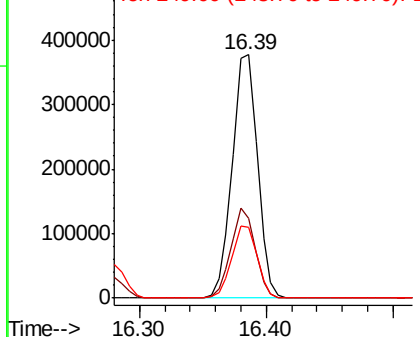


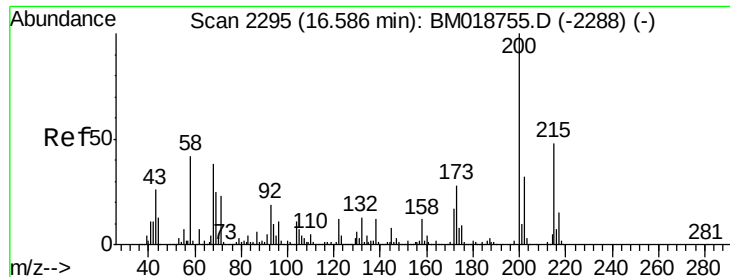
#68  
 Hexachlorobenzene  
 Concen: 27.583 ng  
 RT: 16.39 min Scan# 2261  
 Delta R.T. -0.02 min  
 Lab File: BM018998.D  
 Acq: 01 Mar 2019 21:56

Tgt Ion: 284 Resp: 520467  
 Ion Ratio Lower Upper  
 284 100  
 142 33.0 28.9 43.3  
 249 28.9 24.8 37.2



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

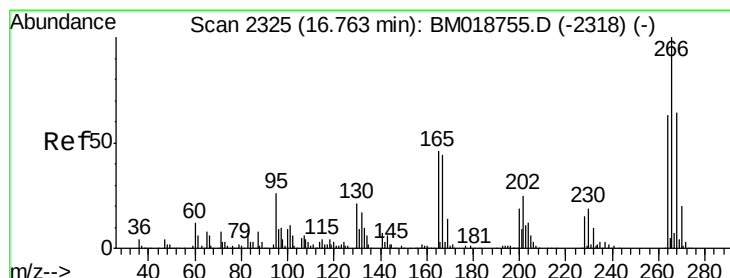
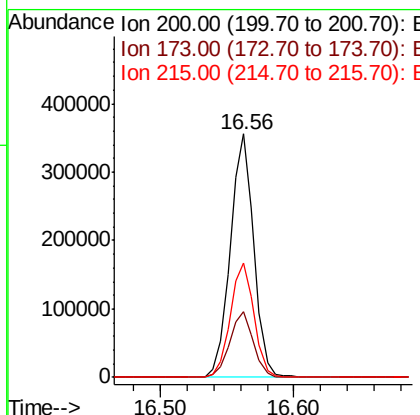
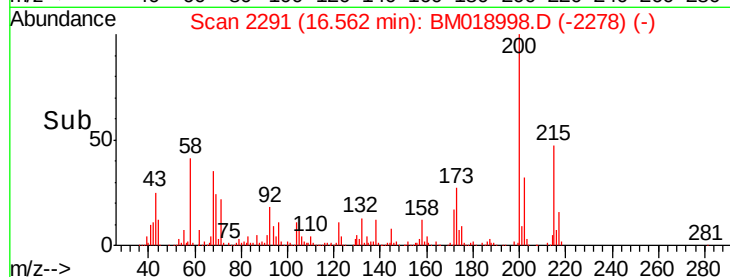
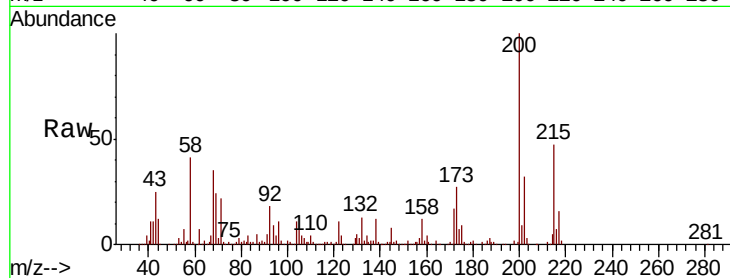




#69  
Atrazine  
Concen: 29.631 ng  
RT: 16.56 min Scan# 2291  
Delta R.T. -0.02 min  
Lab File: BM018998.D  
Acq: 01 Mar 2019 21:56

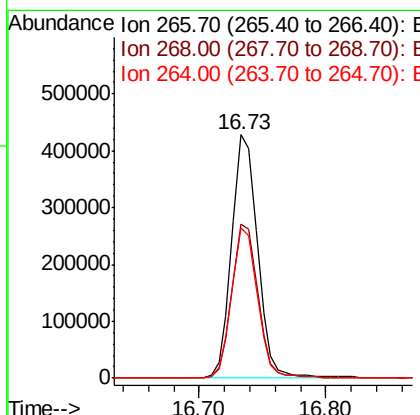
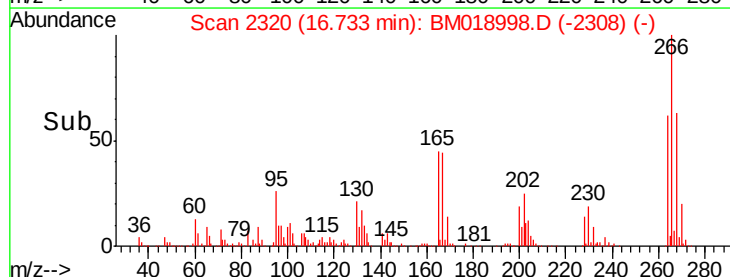
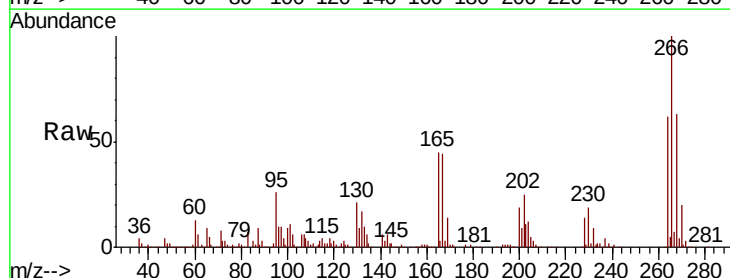
Instrument :  
BNA\_M  
ClientSampleId :  
Z-3-13-BMS

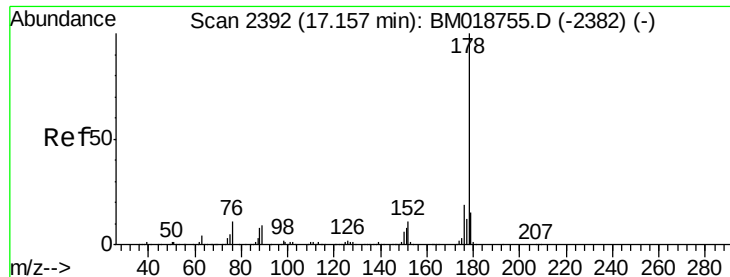
Tgt Ion:200 Resp: 437708  
Ion Ratio Lower Upper  
200 100  
173 27.0 7.6 47.6  
215 46.8 27.6 67.6



#70  
Pentachlorophenol  
Concen: 49.709 ng  
RT: 16.73 min Scan# 2320  
Delta R.T. -0.03 min  
Lab File: BM018998.D  
Acq: 01 Mar 2019 21:56

Tgt Ion:266 Resp: 603920  
Ion Ratio Lower Upper  
266 100  
268 63.2 51.3 76.9  
264 61.7 50.6 75.8

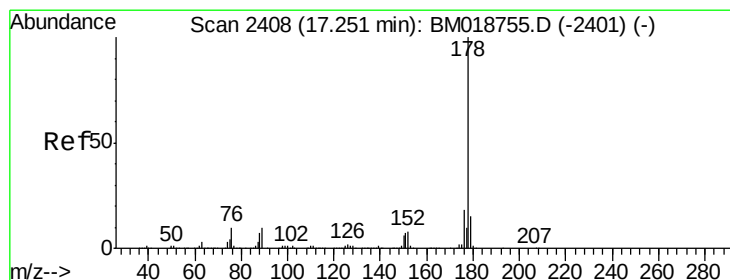
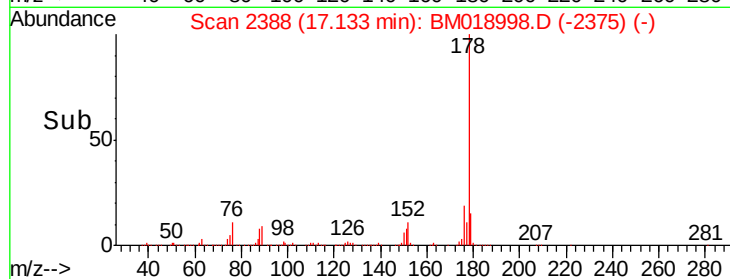
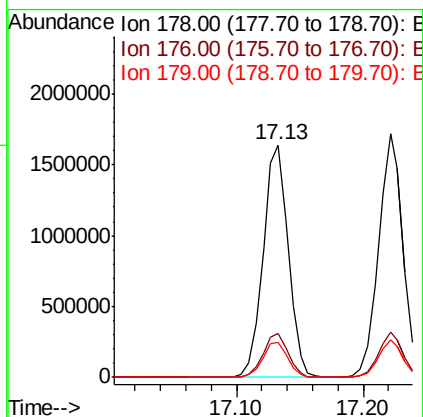
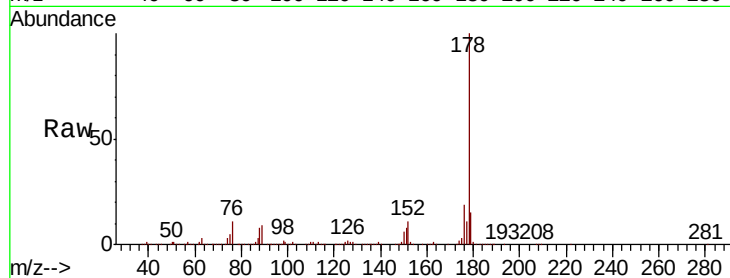




#71  
Phenanthrene  
Concen: 28.950 ng  
RT: 17.13 min Scan# 2388  
Delta R.T. -0.02 min  
Lab File: BM018998.D  
Acq: 01 Mar 2019 21:56

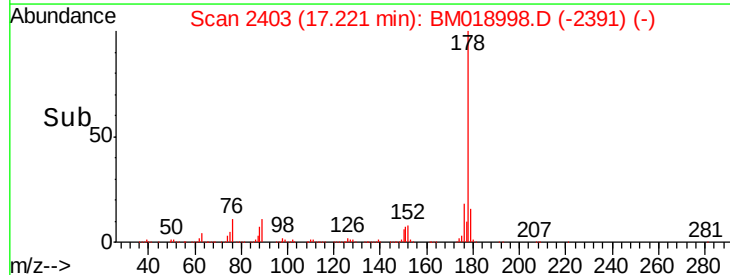
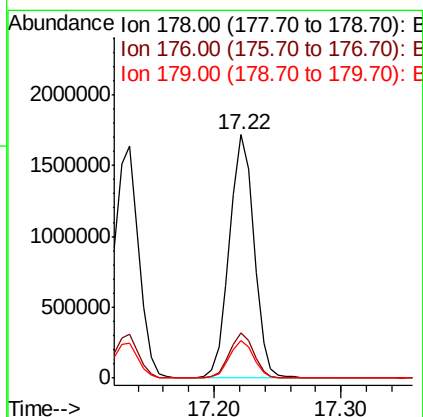
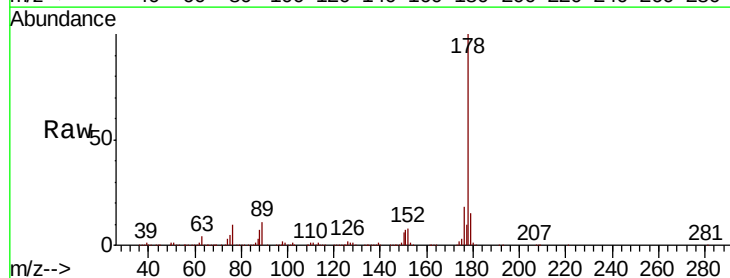
Instrument :  
BNA\_M  
ClientSampleId :  
Z-3-13-BMS

Tgt Ion:178 Resp: 2256383  
Ion Ratio Lower Upper  
178 100  
176 18.9 15.4 23.0  
179 15.1 12.3 18.5

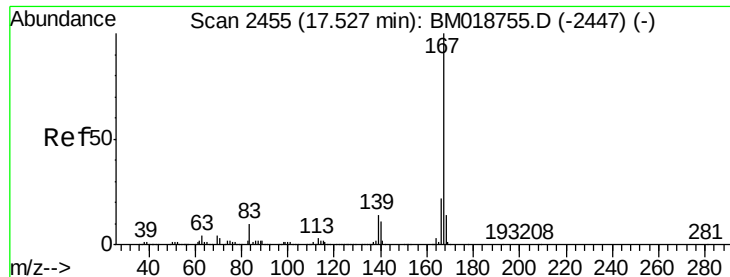


#72  
Anthracene  
Concen: 30.216 ng  
RT: 17.22 min Scan# 2403  
Delta R.T. -0.03 min  
Lab File: BM018998.D  
Acq: 01 Mar 2019 21:56

Tgt Ion:178 Resp: 2292236  
Ion Ratio Lower Upper  
178 100  
176 18.4 14.8 22.2  
179 15.4 12.1 18.1



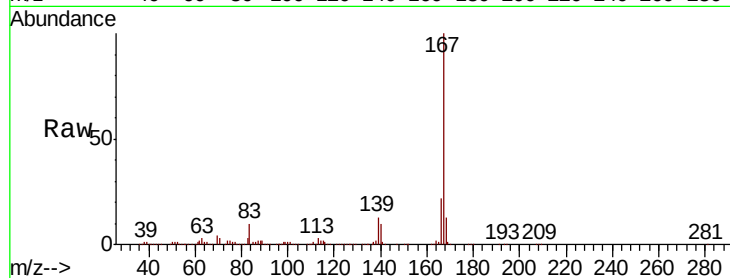




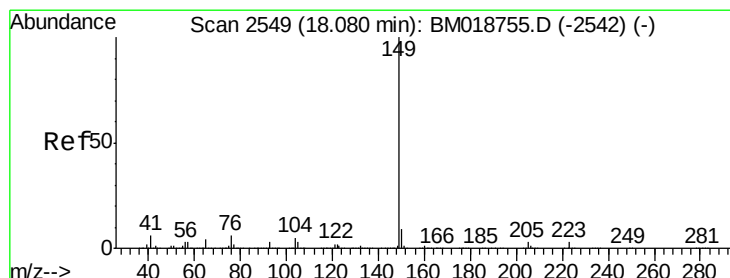
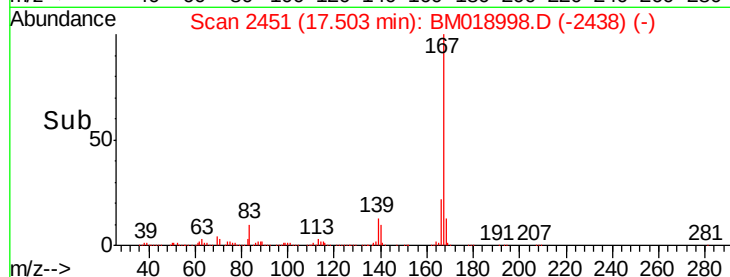
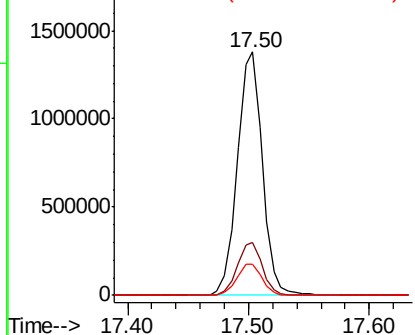
#73  
 Carbazole  
 Concen: 25.179 ng  
 RT: 17.50 min Scan# 2451  
 Delta R.T. -0.02 min  
 Lab File: BM018998.D  
 Acq: 01 Mar 2019 21:56

Instrument :  
 BNA\_M  
 ClientSampleId :  
 Z-3-13-BMS

Tgt Ion:167 Resp: 1995592  
 Ion Ratio Lower Upper  
 167 100  
 166 21.8 17.7 26.5  
 139 12.8 10.9 16.3

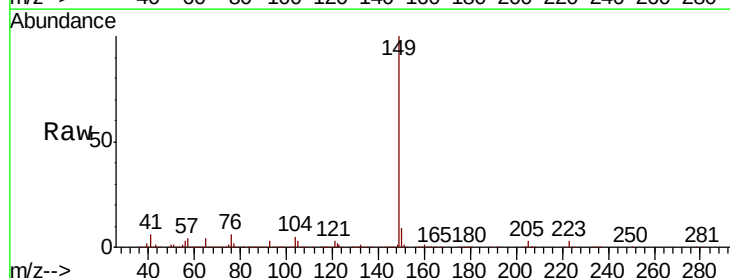


Abundance Ion 167.00 (166.70 to 167.70): E  
 Ion 166.00 (165.70 to 166.70): E  
 Ion 139.00 (138.70 to 139.70): E

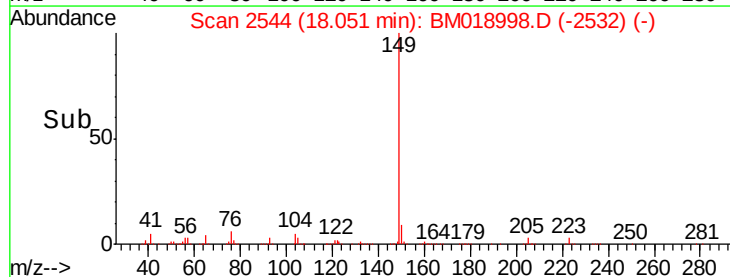
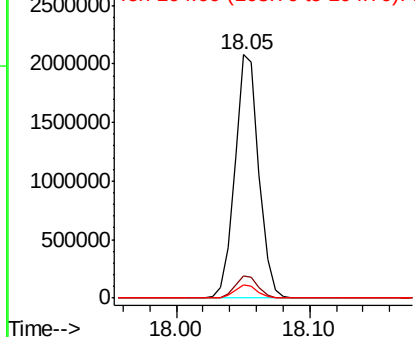


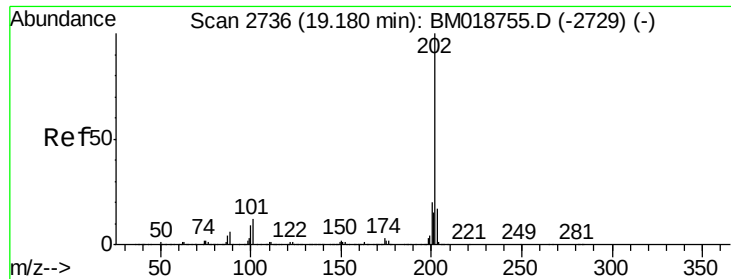
#74  
 Di-n-butylphthalate  
 Concen: 28.270 ng  
 RT: 18.05 min Scan# 2544  
 Delta R.T. -0.03 min  
 Lab File: BM018998.D  
 Acq: 01 Mar 2019 21:56

Tgt Ion:149 Resp: 2576845  
 Ion Ratio Lower Upper  
 149 100  
 150 9.4 7.4 11.0  
 104 5.5 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: 25.119 ng

RT: 19.15 min Scan# 2731

Delta R.T. -0.03 min

Lab File: BM018998.D

Acq: 01 Mar 2019 21:56

Instrument :

BNA\_M

ClientSampleId :

Z-3-13-BMS

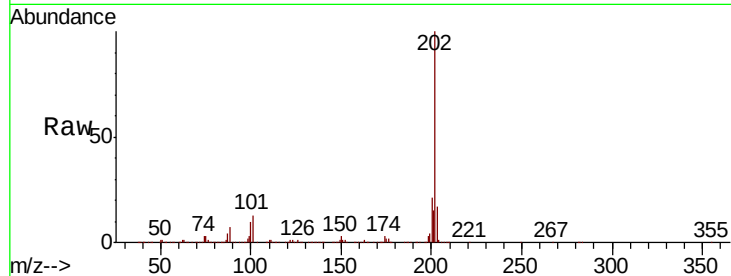
Tgt Ion:202 Resp: 2261493

Ion Ratio Lower Upper

202 100

101 13.1 0.0 31.5

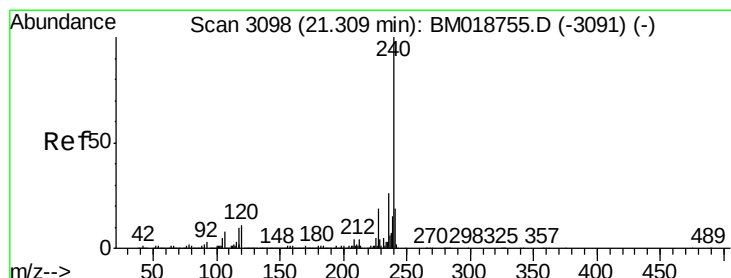
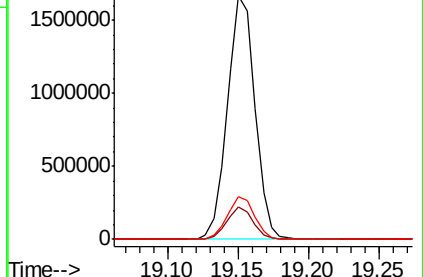
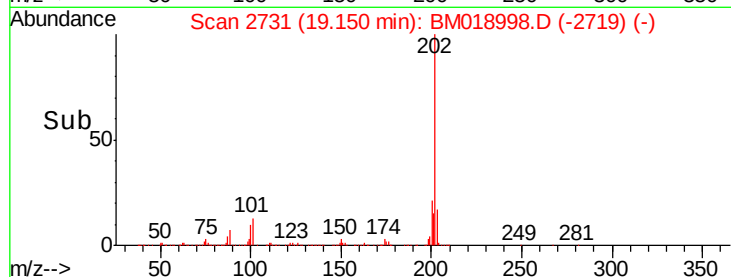
203 17.4 0.0 37.3



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: 21.29 min Scan# 3094

Delta R.T. -0.02 min

Lab File: BM018998.D

Acq: 01 Mar 2019 21:56

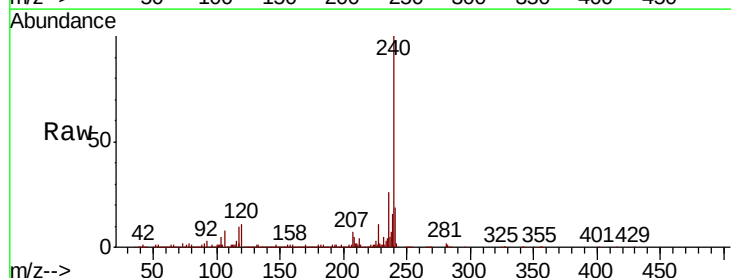
Tgt Ion:240 Resp: 1109955

Ion Ratio Lower Upper

240 100

120 11.0 8.9 13.3

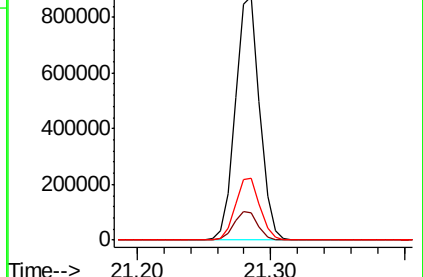
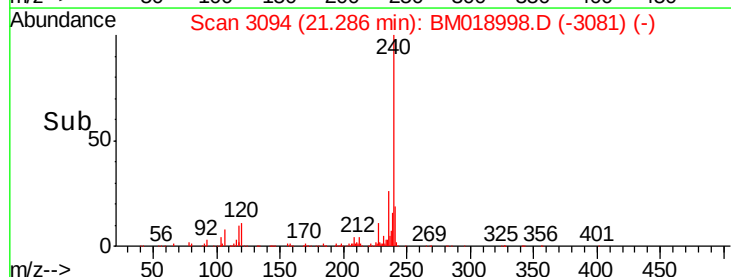
236 25.6 20.9 31.3

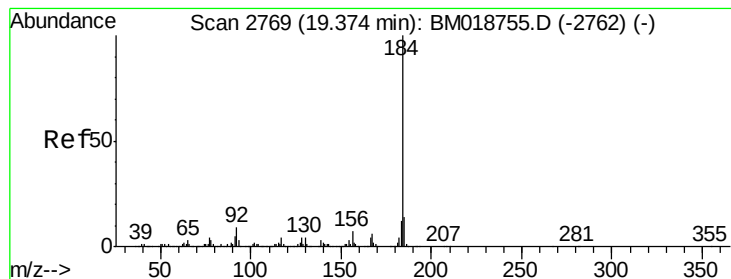


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.359 ng

RT: 19.36 min Scan# 2766

Delta R.T. -0.02 min

Lab File: BM018998.D

Acq: 01 Mar 2019 21:56

Instrument :

BNA\_M

ClientSampleId :

Z-3-13-BMS

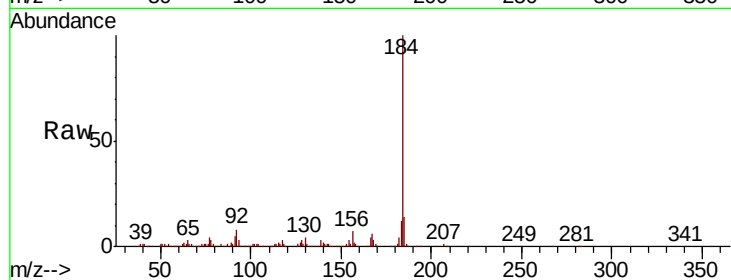
Tgt Ion:184 Resp: 958884

Ion Ratio Lower Upper

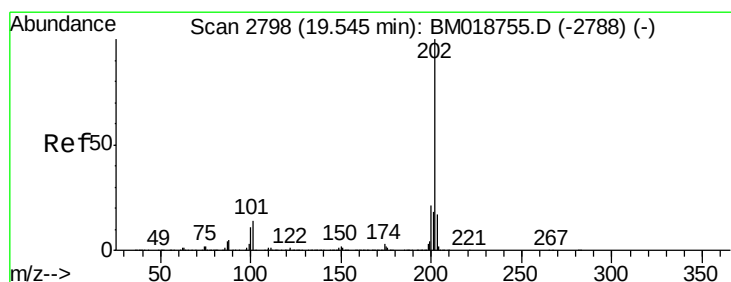
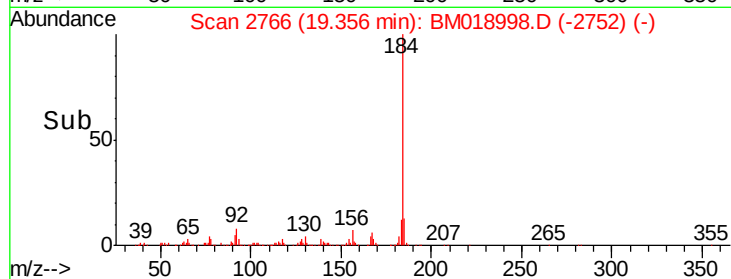
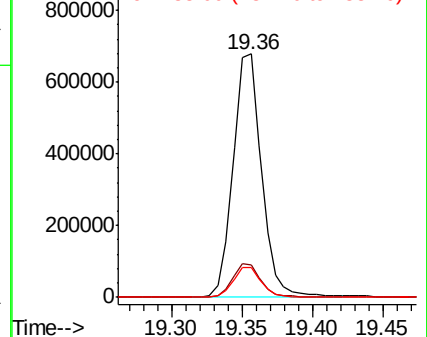
184 100

185 13.5 11.2 16.8

183 12.0 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: 34.969 ng

RT: 19.52 min Scan# 2793

Delta R.T. -0.03 min

Lab File: BM018998.D

Acq: 01 Mar 2019 21:56

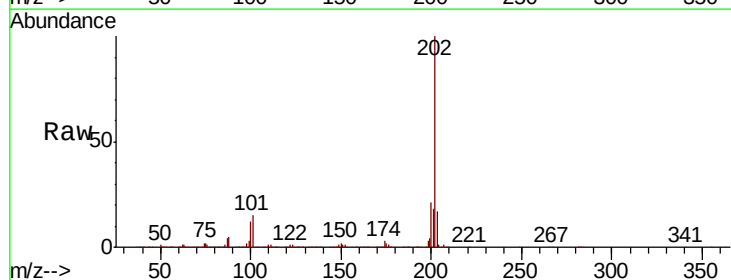
Tgt Ion:202 Resp: 2254275

Ion Ratio Lower Upper

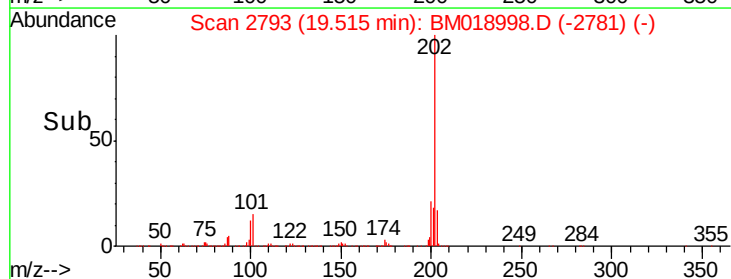
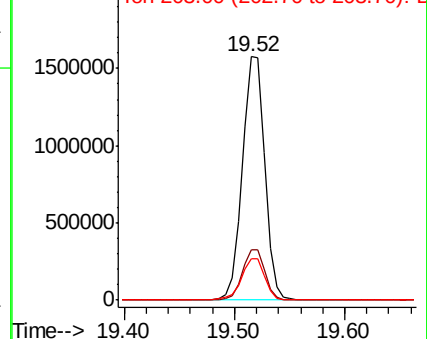
202 100

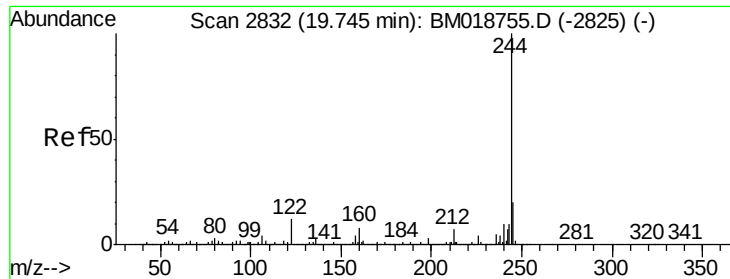
200 20.8 16.9 25.3

203 17.3 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

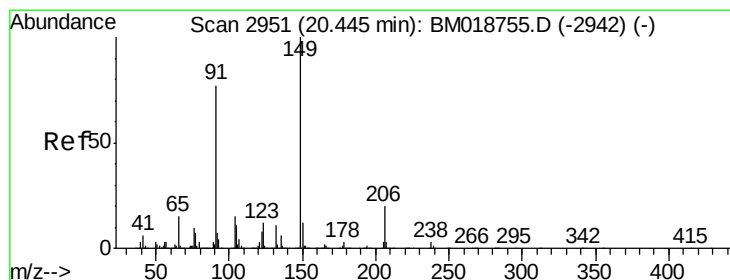
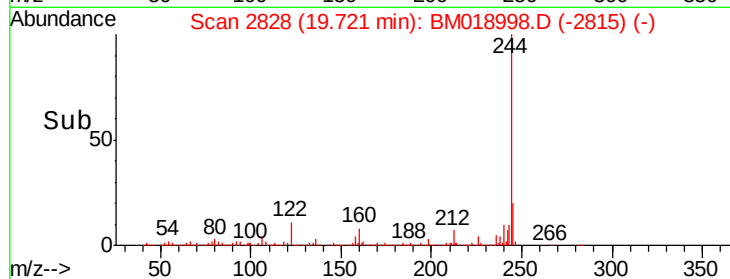
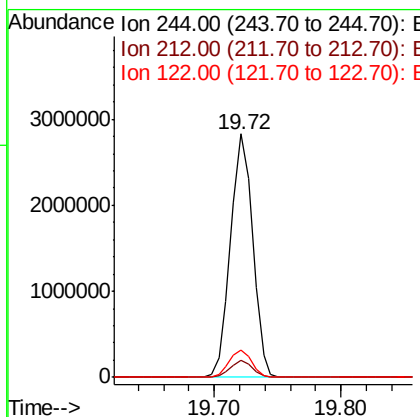
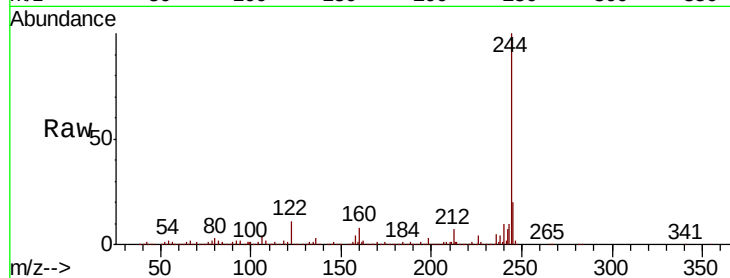




#79  
 Terphenyl-d14  
 Concen: 63.635 ng  
 RT: 19.72 min Scan# 2828  
 Delta R.T. -0.02 min  
 Lab File: BM018998.D  
 Acq: 01 Mar 2019 21:56

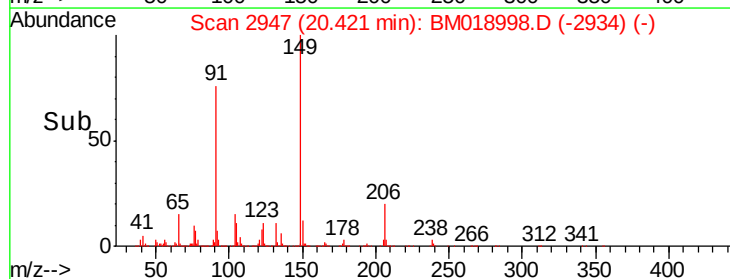
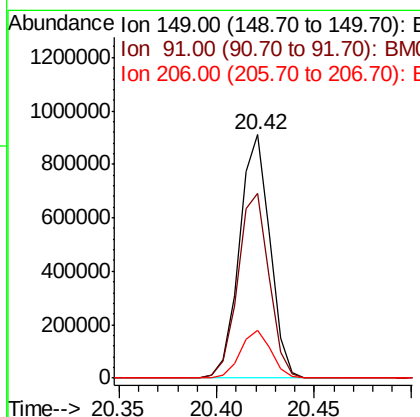
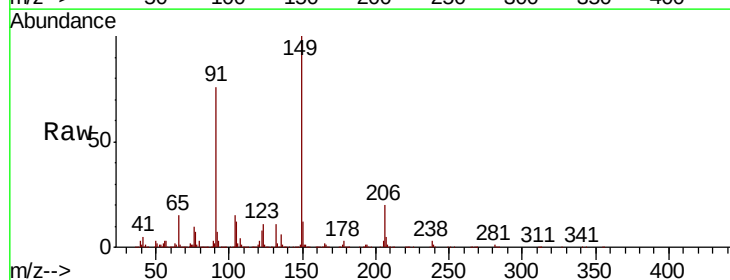
Instrument :  
 BNA\_M  
 ClientSampleId :  
 Z-3-13-BMS

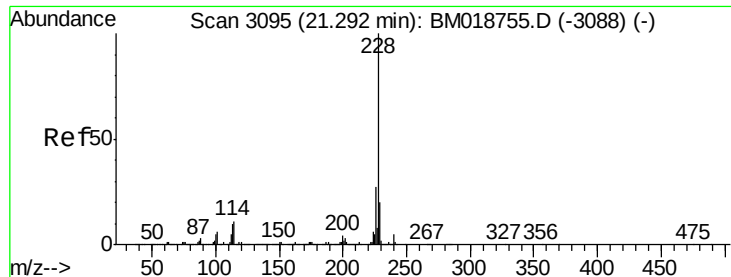
Tgt Ion: 244 Resp: 3423943  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 5.6 8.4  
 122 11.3 9.3 13.9



#80  
 Butylbenzylphthalate  
 Concen: 33.608 ng  
 RT: 20.42 min Scan# 2947  
 Delta R.T. -0.02 min  
 Lab File: BM018998.D  
 Acq: 01 Mar 2019 21:56

Tgt Ion: 149 Resp: 987376  
 Ion Ratio Lower Upper  
 149 100  
 91 75.7 61.4 92.0  
 206 19.8 15.8 23.8





#81

Benzo(a)anthracene

Concen: 28.432 ng

RT: 21.27 min Scan# 3091

Delta R.T. -0.02 min

Lab File: BM018998.D

Acq: 01 Mar 2019 21:56

Instrument :

BNA\_M

ClientSampleId :

Z-3-13-BMS

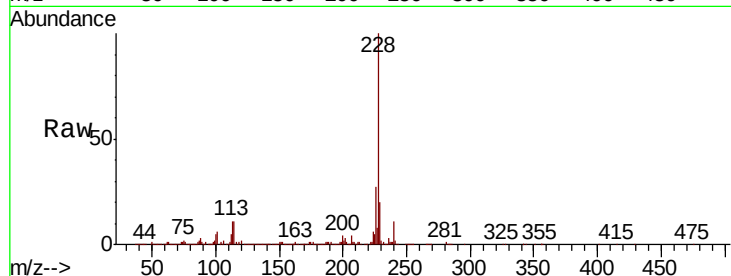
Tgt Ion:228 Resp: 1839581

Ion Ratio Lower Upper

228 100

226 26.9 21.9 32.9

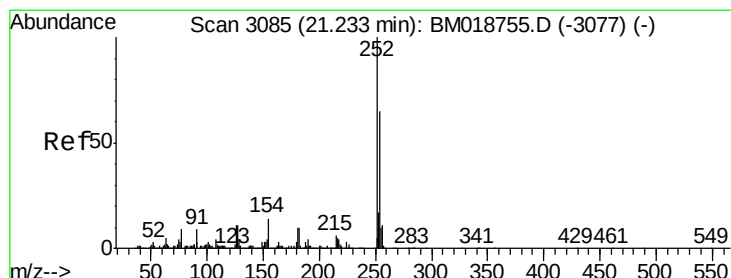
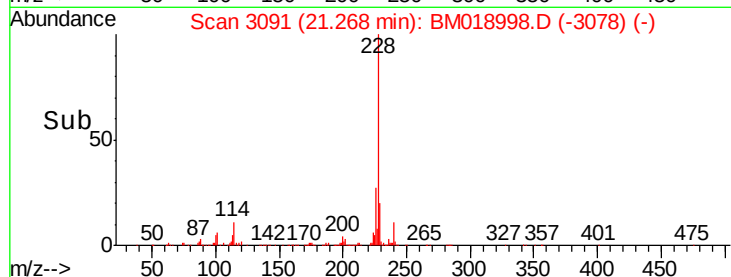
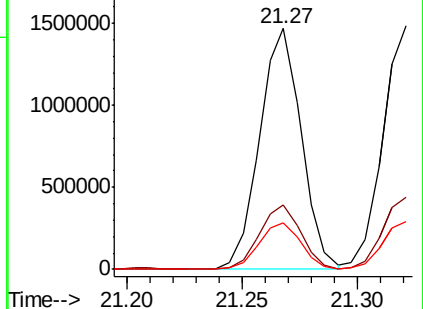
229 19.5 15.9 23.9



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: 24.087 ng

RT: 21.21 min Scan# 3081

Delta R.T. -0.02 min

Lab File: BM018998.D

Acq: 01 Mar 2019 21:56

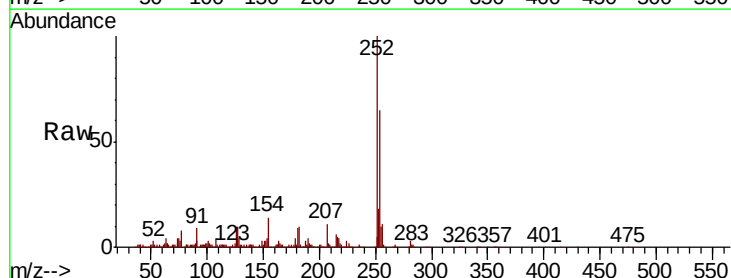
Tgt Ion:252 Resp: 615933

Ion Ratio Lower Upper

252 100

254 65.5 51.8 77.8

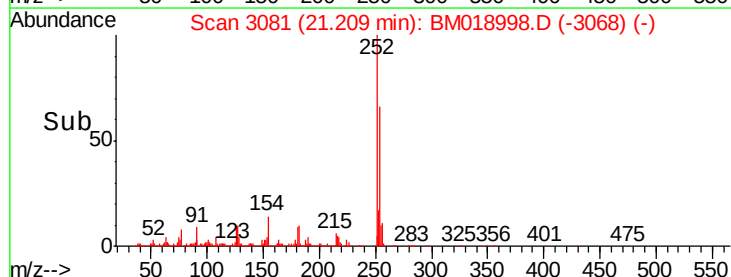
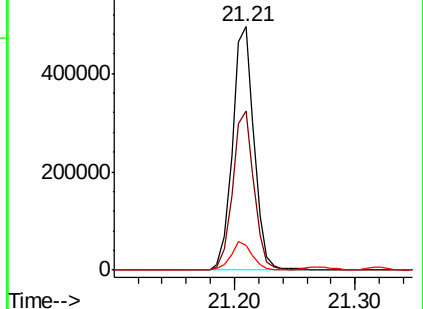
126 10.4 9.1 13.7

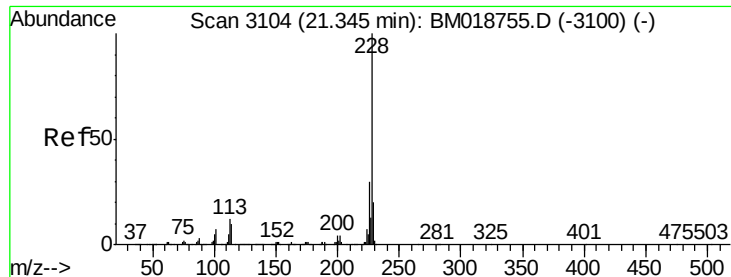


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 28.706 ng

RT: 21.32 min Scan# 3100

Delta R.T. -0.02 min

Lab File: BM018998.D

Acq: 01 Mar 2019 21:56

Instrument :

BNA\_M

ClientSampleId :

Z-3-13-BMS

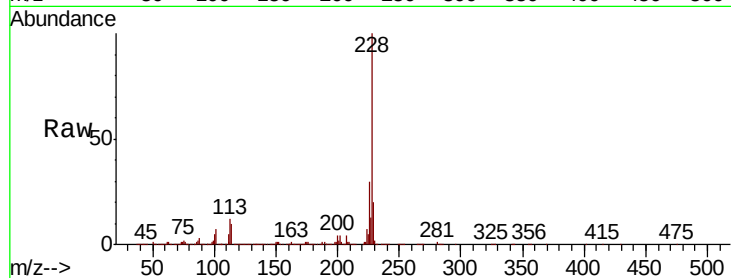
Tgt Ion:228 Resp: 1780208

Ion Ratio Lower Upper

228 100

226 29.8 24.1 36.1

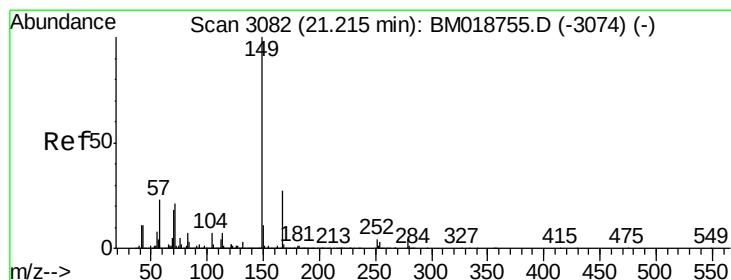
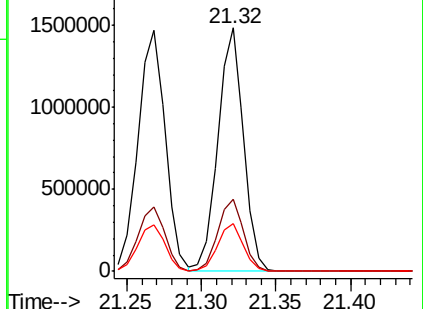
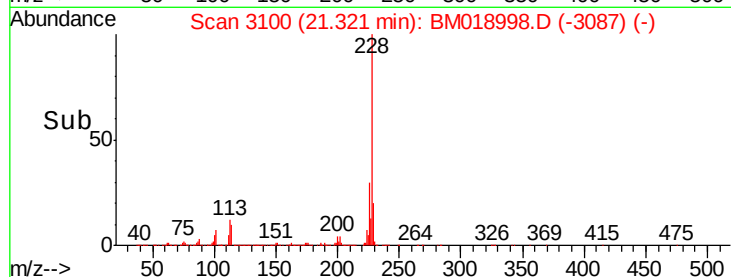
229 19.8 16.0 24.0



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: 32.195 ng

RT: 21.19 min Scan# 3077

Delta R.T. -0.03 min

Lab File: BM018998.D

Acq: 01 Mar 2019 21:56

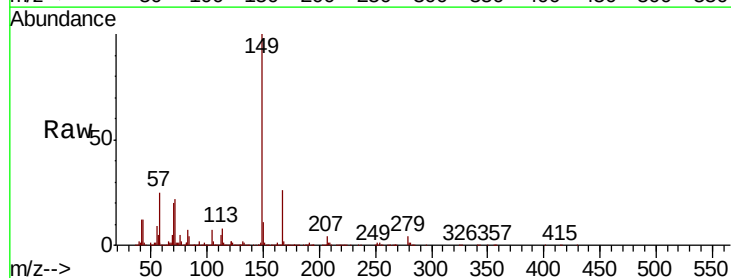
Tgt Ion:149 Resp: 1384379

Ion Ratio Lower Upper

149 100

167 26.0 21.8 32.6

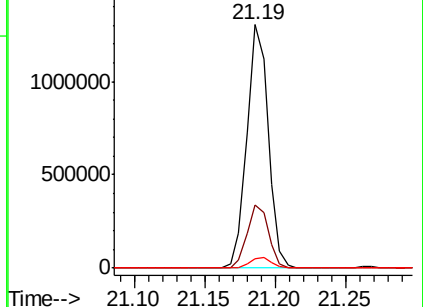
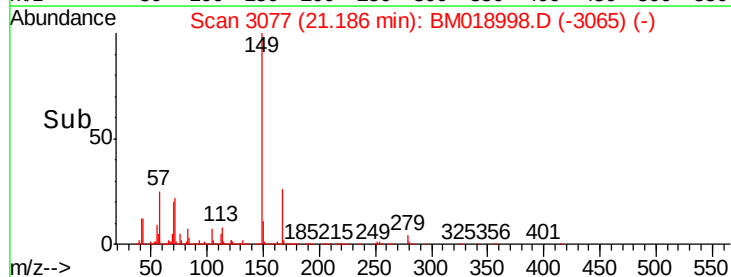
279 4.0 3.6 5.4

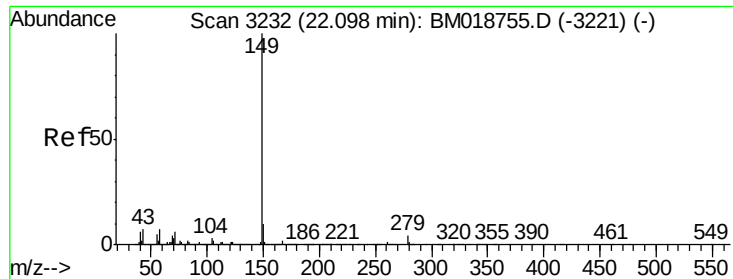


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 29.765 ng

RT: 22.07 min Scan# 3227

Delta R.T. -0.03 min

Lab File: BM018998.D

Acq: 01 Mar 2019 21:56

Instrument :

BNA\_M

ClientSampleId :

Z-3-13-BMS

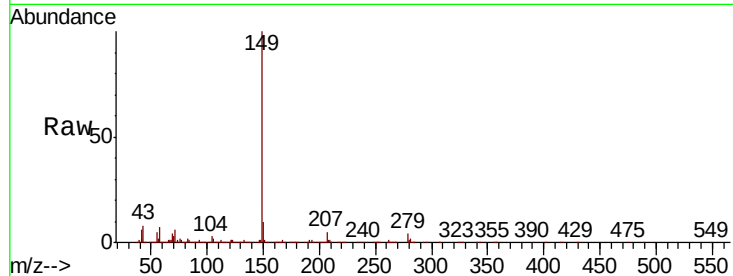
Tgt Ion:149 Resp: 2151137

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

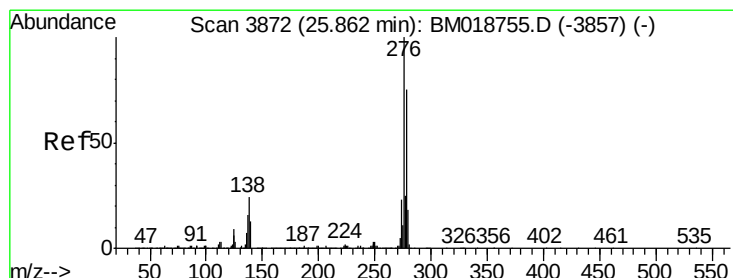
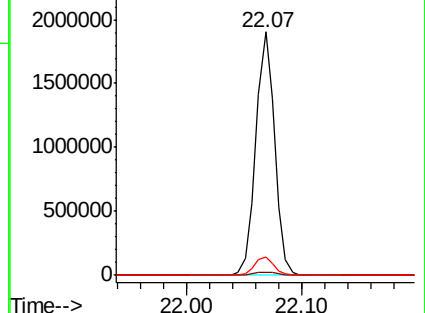
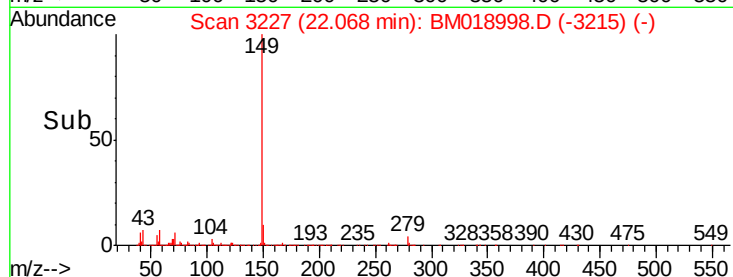
43 7.7 6.0 9.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 31.845 ng

RT: 25.80 min Scan# 3862

Delta R.T. -0.06 min

Lab File: BM018998.D

Acq: 01 Mar 2019 21:56

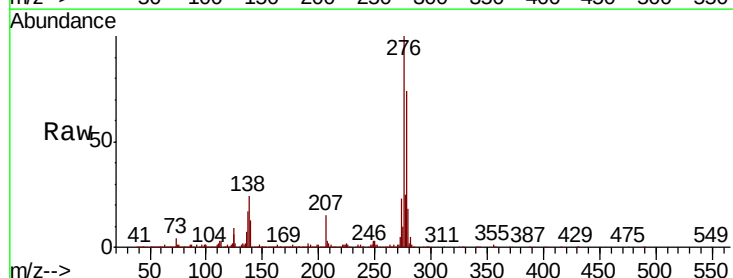
Tgt Ion:276 Resp: 2280093

Ion Ratio Lower Upper

276 100

138 25.2 20.2 30.4

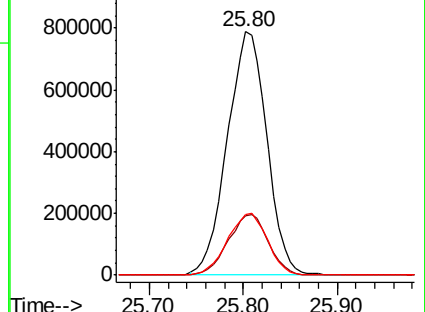
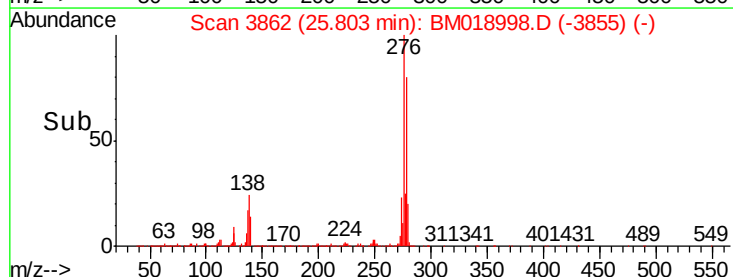
277 25.6 20.3 30.5

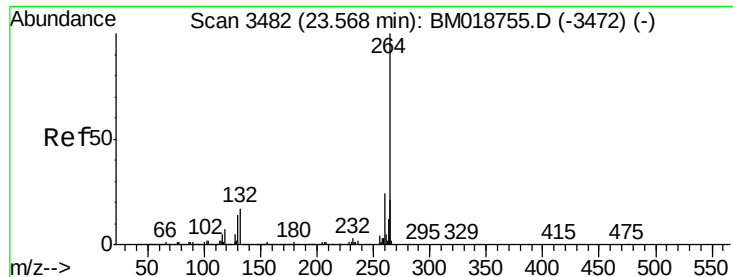


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.53 min Scan# 3475

Delta R.T. -0.04 min

Lab File: BM018998.D

Acq: 01 Mar 2019 21:56

Instrument :

BNA\_M

ClientSampleId :

Z-3-13-BMS

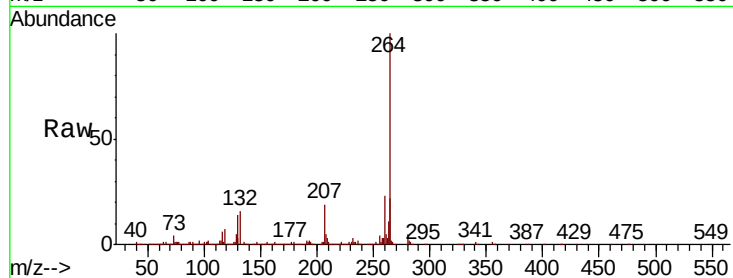
Tgt Ion:264 Resp: 1140653

Ion Ratio Lower Upper

264 100

260 23.2 18.9 28.3

265 21.7 17.3 25.9

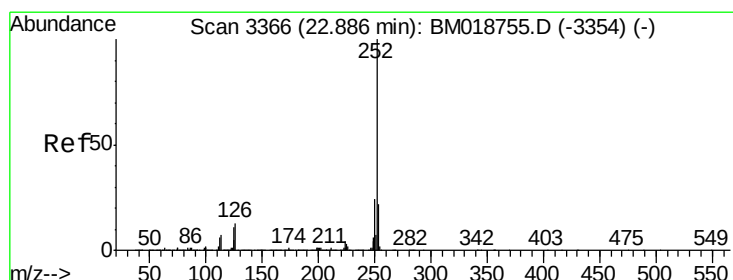
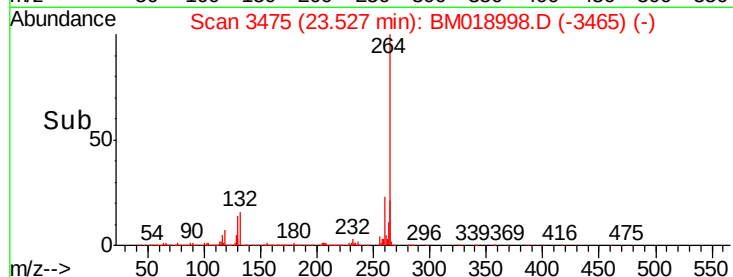
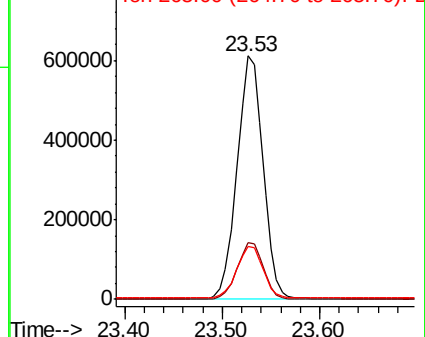


Abundance

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: 29.026 ng

RT: 22.85 min Scan# 3360

Delta R.T. -0.04 min

Lab File: BM018998.D

Acq: 01 Mar 2019 21:56

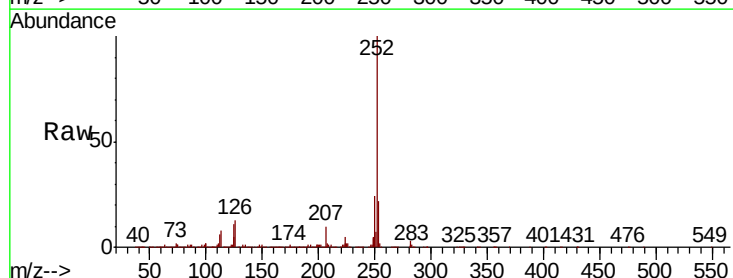
Tgt Ion:252 Resp: 1894242

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

125 10.7 8.6 12.8

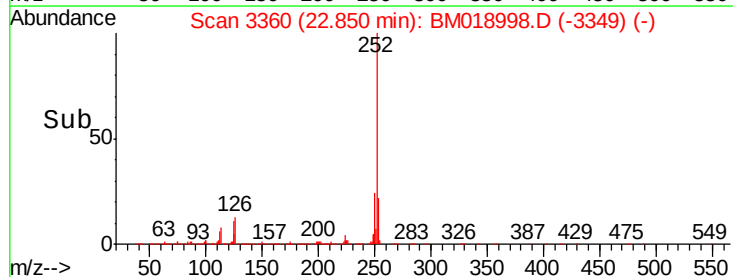
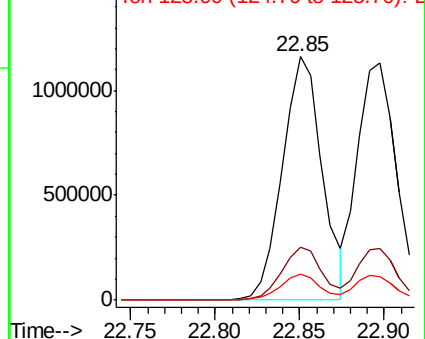


Abundance

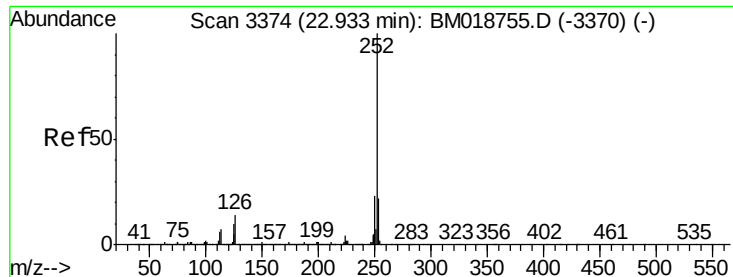
Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E







#89

Benzo(k)fluoranthene

Concen: 27.824 ng

RT: 22.90 min Scan# 3368

Delta R.T. -0.04 min

Lab File: BM018998.D

Acq: 01 Mar 2019 21:56

Instrument :

BNA\_M

ClientSampleId :

Z-3-13-BMS

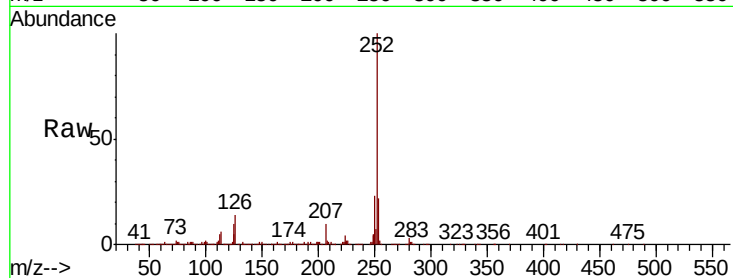
Tgt Ion:252 Resp: 1807761

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 10.1 8.2 12.4

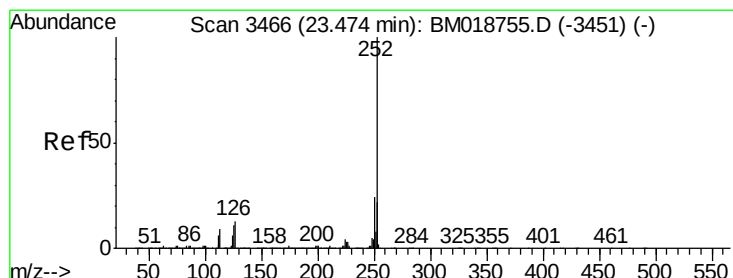
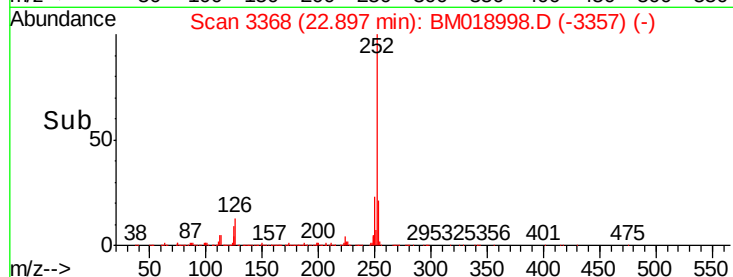
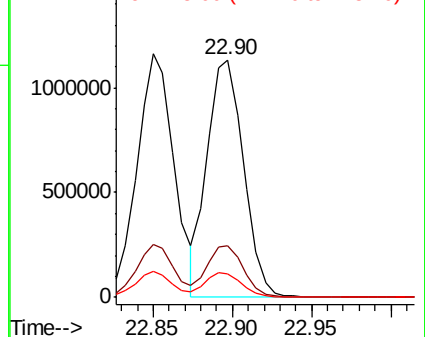


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 29.486 ng

RT: 23.43 min Scan# 3459

Delta R.T. -0.04 min

Lab File: BM018998.D

Acq: 01 Mar 2019 21:56

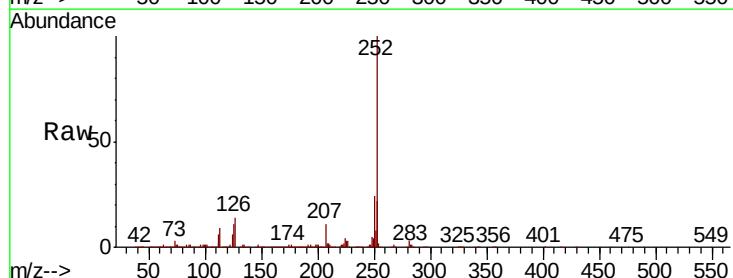
Tgt Ion:252 Resp: 1822895

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 11.4 8.6 13.0

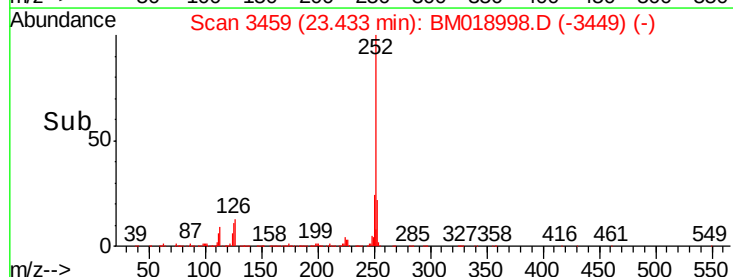
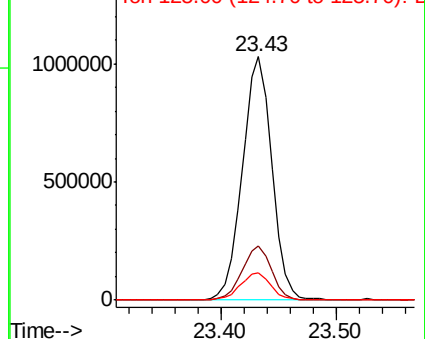


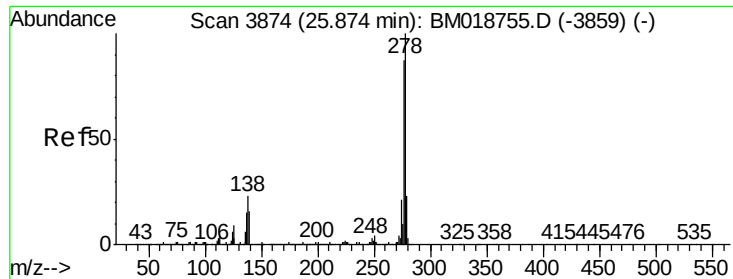
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 31.955 ng

RT: 25.81 min Scan# 3864

Delta R.T. -0.06 min

Lab File: BM018998.D

Acq: 01 Mar 2019 21:56

Instrument :

BNA\_M

ClientSampleId :

Z-3-13-BMS

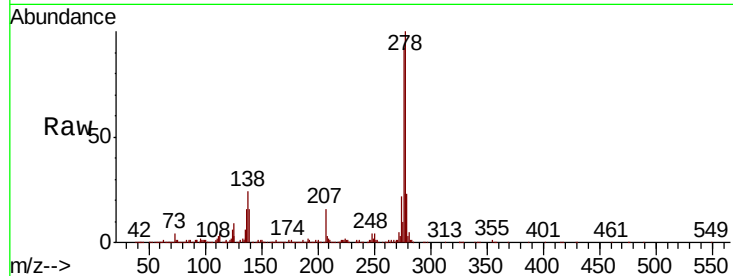
Tgt Ion:278 Resp: 1957274

Ion Ratio Lower Upper

278 100

139 16.4 12.6 18.8

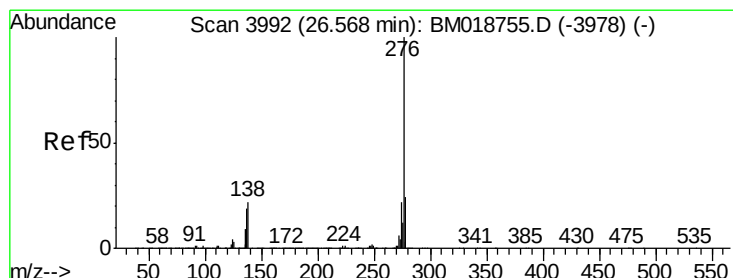
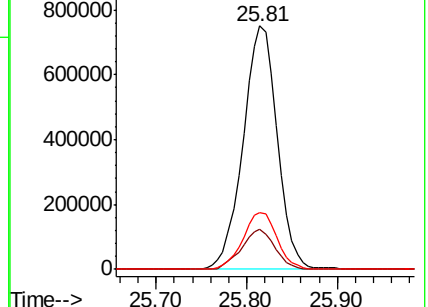
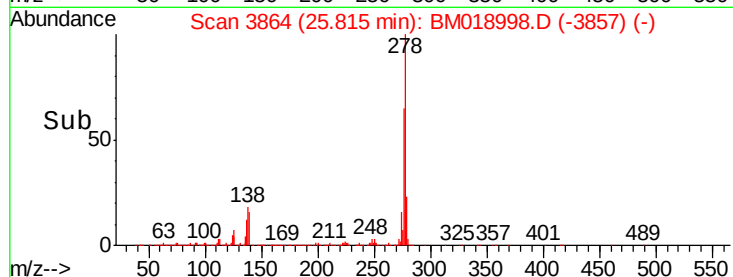
279 23.4 18.6 28.0



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: 33.166 ng

RT: 26.50 min Scan# 3981

Delta R.T. -0.07 min

Lab File: BM018998.D

Acq: 01 Mar 2019 21:56

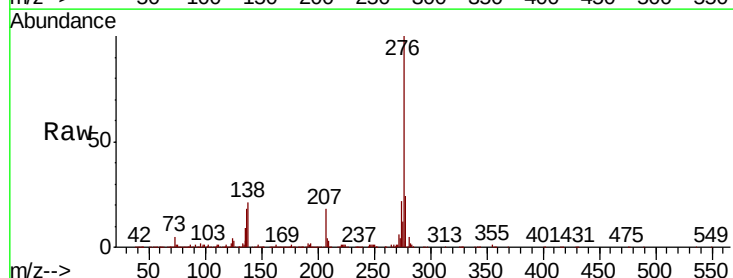
Tgt Ion:276 Resp: 1891213

Ion Ratio Lower Upper

276 100

277 23.6 19.2 28.8

138 21.2 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

