

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011419\  
 Data File : BM018553.D  
 Acq On : 14 Jan 2019 16:11  
 Operator : JU/SJ  
 Sample : PB116347BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Jan 14 23:28:57 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 10 05:57:41 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.76  | 152  | 244444   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.55 | 136  | 1010443  | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.40 | 164  | 598388   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.15 | 188  | 1404431  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.35 | 240  | 1566745  | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 23.63 | 264  | 1660839  | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.35  | 112 | 1990525 | 150.36 | ng | 0.00 |
| 7) Phenol-d6             | 6.94  | 99  | 2559867 | 152.24 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 8.92  | 82  | 1380337 | 79.19  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.90 | 330 | 1173482 | 154.02 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.02 | 172 | 3536298 | 77.11  | ng | 0.00 |
| 79) Terphenyl-d14        | 19.79 | 244 | 6025307 | 81.07  | ng | 0.00 |

## Target Compounds

|                                |       |     |         |        |    | Qvalue |
|--------------------------------|-------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.28  | 88  | 170458  | 31.592 | ng | 95     |
| 3) Pyridine                    | 3.68  | 79  | 481197  | 35.771 | ng | 97     |
| 4) n-Nitrosodimethylamine      | 3.60  | 42  | 257454  | 46.283 | ng | # 93   |
| 6) Aniline                     | 7.09  | 93  | 622185  | 33.172 | ng | 98     |
| 8) 2-Chlorophenol              | 7.32  | 128 | 691463  | 44.722 | ng | 95     |
| 9) Benzaldehyde                | 6.90  | 77  | 182557  | 16.034 | ng | 97     |
| 10) Phenol                     | 6.96  | 94  | 763382  | 44.679 | ng | 98     |
| 11) bis(2-Chloroethyl)ether    | 7.19  | 93  | 536659  | 39.974 | ng | 94     |
| 12) 1,3-Dichlorobenzene        | 7.64  | 146 | 699365  | 37.982 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 7.79  | 146 | 719130  | 38.534 | ng | 100    |
| 14) 1,2-Dichlorobenzene        | 8.10  | 146 | 682569  | 38.572 | ng | 100    |
| 15) Benzyl Alcohol             | 8.00  | 79  | 556120  | 45.793 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.28  | 45  | 657000  | 38.294 | ng | 95     |
| 17) 2-Methylphenol             | 8.20  | 107 | 541912  | 46.725 | ng | 98     |
| 18) Hexachloroethane           | 8.82  | 117 | 259195  | 38.953 | ng | 96     |
| 19) n-Nitroso-di-n-propylamine | 8.56  | 70  | 437463  | 39.979 | ng | 93     |
| 20) 3+4-Methylphenols          | 8.53  | 107 | 740438  | 46.247 | ng | 99     |
| 22) Acetophenone               | 8.58  | 105 | 903555  | 36.148 | ng | 98     |
| 24) Nitrobenzene               | 8.96  | 77  | 656460  | 38.277 | ng | 98     |
| 25) Isophorone                 | 9.48  | 82  | 1207514 | 45.749 | ng | 99     |
| 26) 2-Nitrophenol              | 9.67  | 139 | 376017  | 45.343 | ng | 95     |
| 27) 2,4-Dimethylphenol         | 9.73  | 122 | 625617  | 50.332 | ng | 100    |
| 28) bis(2-Chloroethoxy)methane | 9.96  | 93  | 748020  | 41.024 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.20 | 162 | 670312  | 45.289 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 10.41 | 180 | 681811  | 37.113 | ng | 99     |
| 31) Naphthalene                | 10.60 | 128 | 1993347 | 40.962 | ng | 99     |
| 32) Benzoic acid               | 9.87  | 122 | 301470  | 37.645 | ng | 99     |
| 33) 4-Chloroaniline            | 10.72 | 127 | 325293  | 16.973 | ng | 98     |
| 34) Hexachlorobutadiene        | 10.86 | 225 | 408214  | 35.173 | ng | 98     |
| 35) Caprolactam                | 11.55 | 113 | 188713  | 37.502 | ng | 88     |
| 36) 4-Chloro-3-methylphenol    | 11.85 | 107 | 706106  | 45.473 | ng | 99     |
| 37) 2-Methylnaphthalene        | 12.21 | 142 | 1492758 | 43.417 | ng | 99     |
| 38) 1-Methylnaphthalene        | 12.43 | 142 | 1418226 | 42.631 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.58 | 216 | 771970  | 36.892 | ng | 99     |

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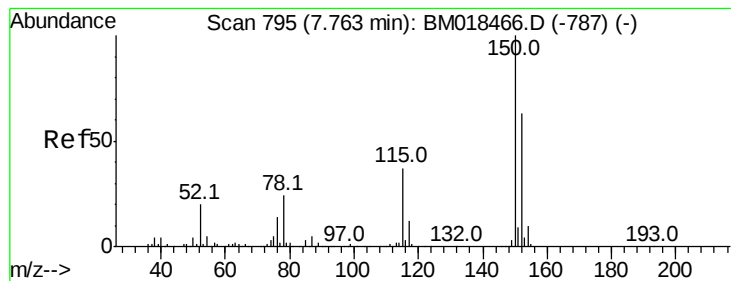
Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Jan 14 23:28:57 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 10 05:57:41 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.55 | 237  | 1026714  | 89.400 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol      | 12.83 | 196  | 558997   | 43.991 | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 12.90 | 196  | 606371   | 45.373 | ng    | 97       |
| 46) 1,1'-Biphenyl              | 13.23 | 154  | 1925287  | 36.849 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.27 | 162  | 1496865  | 36.945 | ng    | 100      |
| 48) 2-Nitroaniline             | 13.49 | 65   | 427847   | 42.922 | ng    | 93       |
| 49) Acenaphthylene             | 14.13 | 152  | 2465867  | 41.762 | ng    | 99       |
| 50) Dimethylphthalate          | 13.87 | 163  | 1967168  | 40.029 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 13.99 | 165  | 437044   | 41.984 | ng    | 95       |
| 52) Acenaphthene               | 14.47 | 154  | 1410849  | 39.052 | ng    | 97       |
| 53) 3-Nitroaniline             | 14.33 | 138  | 325641   | 31.029 | ng    | 96       |
| 54) 2,4-Dinitrophenol          | 14.53 | 184  | 393525   | 70.747 | ng    | # 88     |
| 55) Dibenzofuran               | 14.80 | 168  | 2288669  | 38.341 | ng    | 98       |
| 56) 4-Nitrophenol              | 14.65 | 139  | 808783   | 89.206 | ng    | 96       |
| 57) 2,4-Dinitrotoluene         | 14.78 | 165  | 628713   | 42.686 | ng    | 98       |
| 58) Fluorene                   | 15.46 | 166  | 1889884  | 42.501 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.03 | 232  | 536542   | 45.294 | ng    | 98       |
| 60) Diethylphthalate           | 15.23 | 149  | 2035751  | 41.034 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.45 | 204  | 958378   | 37.395 | ng    | 98       |
| 62) 4-Nitroaniline             | 15.50 | 138  | 423158   | 36.966 | ng    | 98       |
| 63) Azobenzene                 | 15.74 | 77   | 1595016  | 39.433 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylphenol | 15.54 | 198  | 306525   | 35.788 | ng    | 89       |
| 66) n-Nitrosodiphenylamine     | 15.67 | 169  | 1683283  | 38.639 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.34 | 248  | 596726   | 37.968 | ng    | 98       |
| 68) Hexachlorobenzene          | 16.45 | 284  | 649587   | 36.920 | ng    | 97       |
| 69) Atrazine                   | 16.63 | 200  | 647289   | 41.099 | ng    | 99       |
| 70) Pentachlorophenol          | 16.80 | 266  | 844062   | 73.251 | ng    | 99       |
| 71) Phenanthrene               | 17.20 | 178  | 3027335  | 40.526 | ng    | 100      |
| 72) Anthracene                 | 17.29 | 178  | 3112300  | 43.327 | ng    | 100      |
| 73) Carbazole                  | 17.56 | 167  | 2806504  | 38.028 | ng    | 100      |
| 74) Di-n-butylphthalate        | 18.12 | 149  | 3565557  | 44.106 | ng    | 99       |
| 75) Fluoranthene               | 19.22 | 202  | 3627706  | 42.121 | ng    | 98       |
| 77) Benzidine                  | 19.41 | 184  | 739437   | 19.114 | ng    | 98       |
| 78) Pyrene                     | 19.58 | 202  | 3679719  | 39.623 | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.48 | 149  | 1794075  | 45.273 | ng    | 98       |
| 81) Benzo(a)anthracene         | 21.33 | 228  | 3828427  | 41.478 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.27 | 252  | 1016249  | 29.117 | ng    | 99       |
| 83) Chrysene                   | 21.39 | 228  | 3564028  | 39.987 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 21.25 | 149  | 2527897  | 44.176 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 22.14 | 149  | 4478448  | 46.532 | ng    | # 95     |
| 86) Indeno(1,2,3-cd)pyrene     | 25.96 | 276  | 4428072  | 43.085 | ng    | 96       |
| 88) Benzo(b)fluoranthene       | 22.94 | 252  | 3807413  | 40.380 | ng    | 98       |
| 89) Benzo(k)fluoranthene       | 22.99 | 252  | 3818699  | 40.187 | ng    | 98       |
| 90) Benzo(a)pyrene             | 23.53 | 252  | 3812546  | 42.236 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 25.97 | 278  | 3712087  | 40.585 | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 26.67 | 276  | 3598762  | 40.432 | ng    | 98       |

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



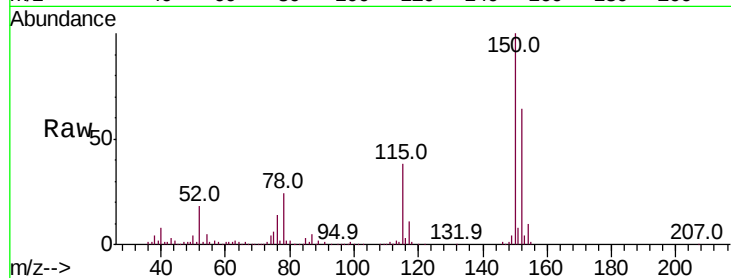


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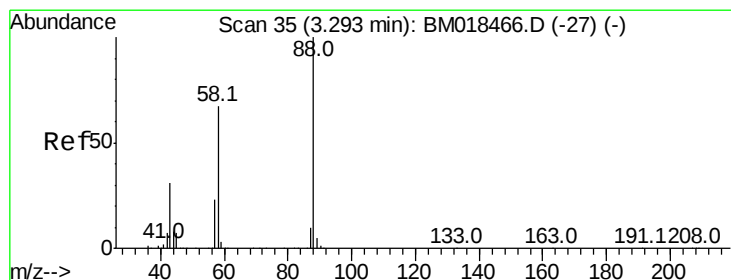
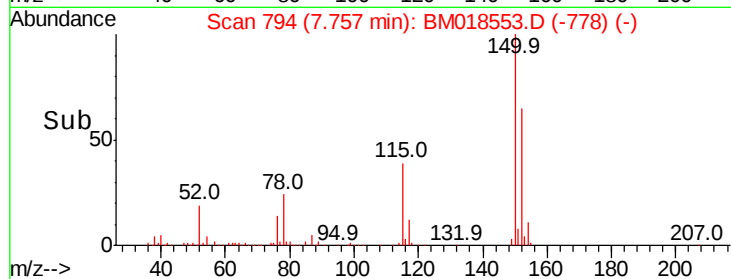
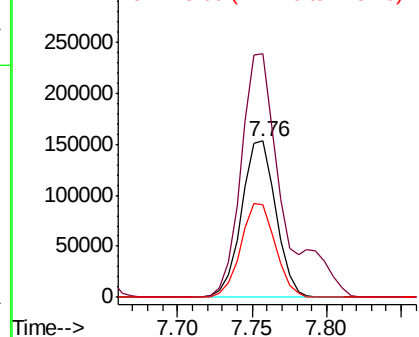
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.76 min Scan# 794  
Delta R.T. -0.01 min  
Lab File: BM018553.D  
Acq: 14 Jan 2019 16:11

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:152 Resp: 244444  
Ion Ratio Lower Upper  
152 100  
150 155.9 126.9 190.3  
115 59.0 45.5 68.3



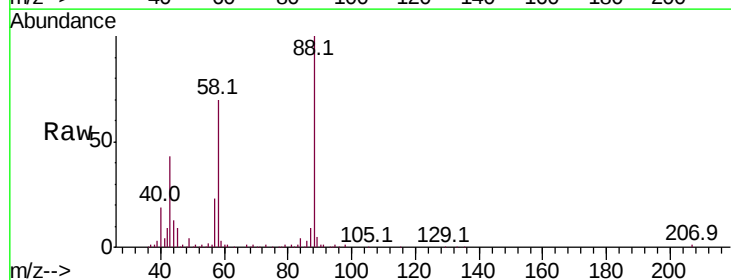
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Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



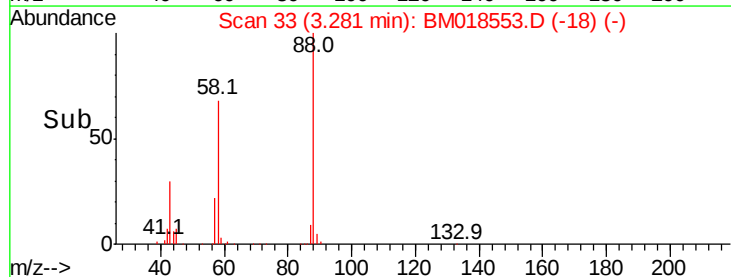
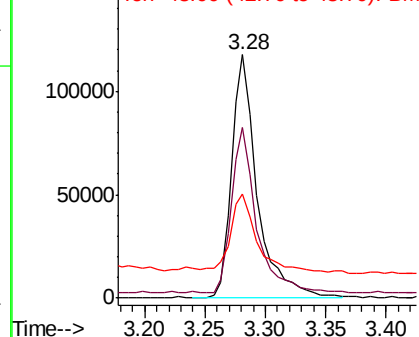
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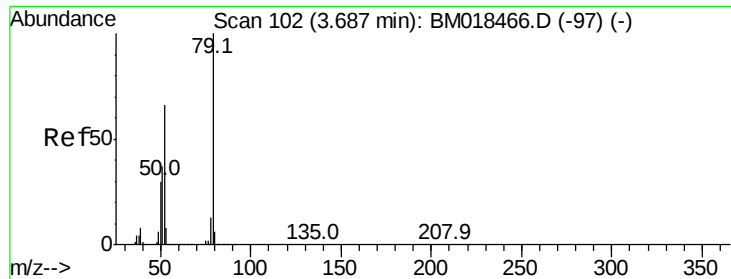
1,4-Dioxane  
Concen: 31.592 ng  
RT: 3.28 min Scan# 33  
Delta R.T. -0.01 min  
Lab File: BM018553.D  
Acq: 14 Jan 2019 16:11

Tgt Ion: 88 Resp: 170458  
Ion Ratio Lower Upper  
88 100  
58 66.7 58.4 87.6  
43 33.3 26.2 39.4



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

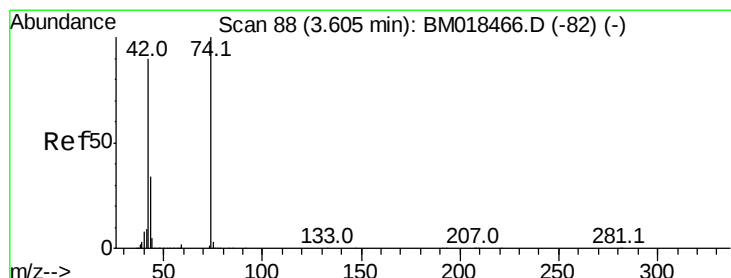
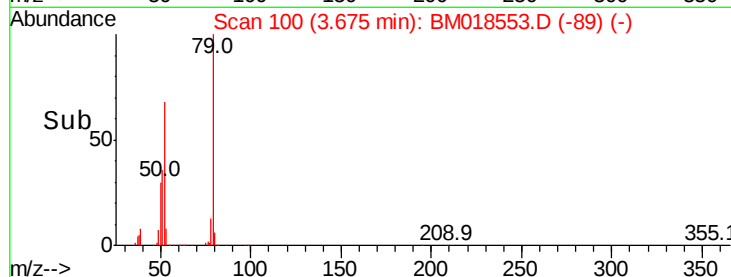
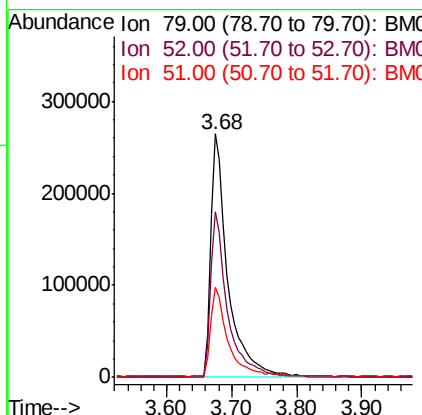
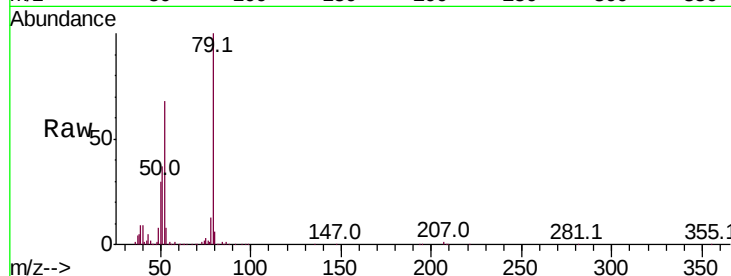




#3  
 Pvridine  
 Concen: 35.771 ng  
 RT: 3.68 min Scan# 100  
 Delta R.T. -0.04 min  
 Lab File: BM018553.D  
 Acq: 14 Jan 2019 16:11

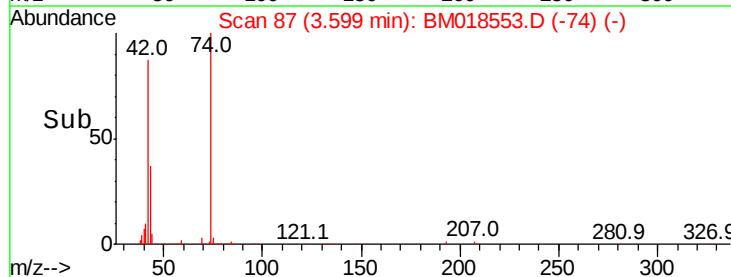
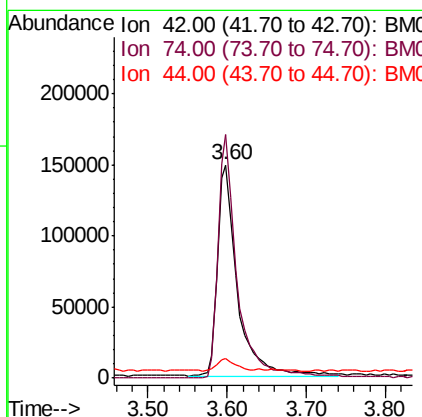
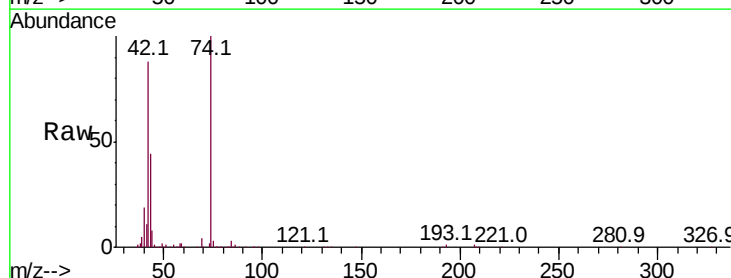
Instrument :  
 BNA\_M  
 ClientSampleId :

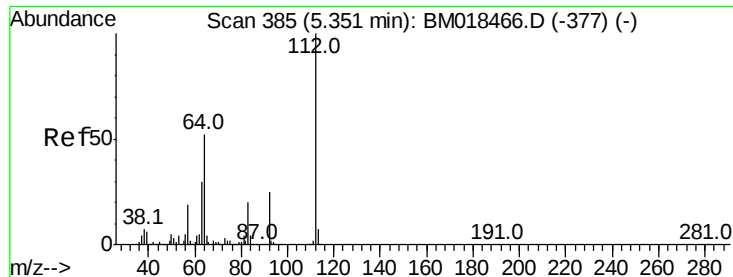
Tot Ion: 79 Resp: 481197  
 Ion Ratio Lower Upper  
 79 100  
 52 67.8 56.4 84.6  
 51 36.8 31.0 46.4



#4  
 n-Nitrosodimethylamine  
 Concen: 46.283 ng  
 RT: 3.60 min Scan# 87  
 Delta R.T. -0.02 min  
 Lab File: BM018553.D  
 Acq: 14 Jan 2019 16:11

Tgt Ion: 42 Resp: 257454  
 Ion Ratio Lower Upper  
 42 100  
 74 114.2 88.6 132.8  
 44 8.9 16.9 25.3#





#5

2-Fluorophenol

Concen: 150.361 ng

RT: 5.35 min Scan# 385

Delta R.T. 0.00 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

Instrument :

BNA\_M

ClientSampleId :

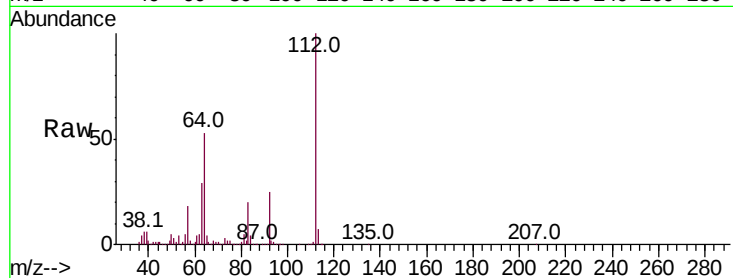
Tot Ion:112 Resp: 1990525

Ion Ratio Lower Upper

112 100

64 52.6 46.5 69.7

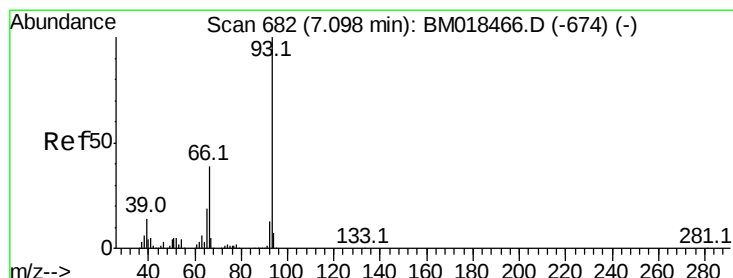
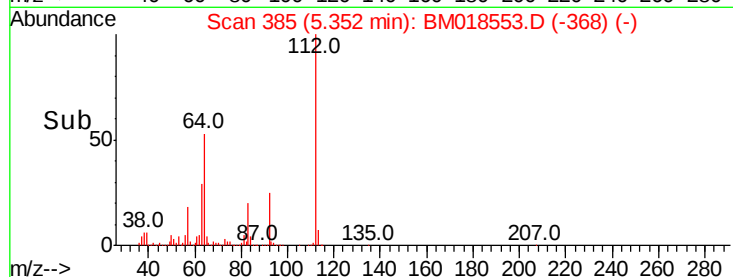
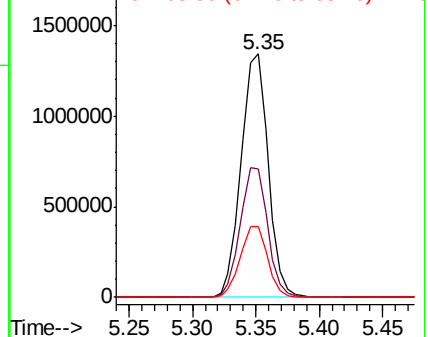
63 28.9 25.2 37.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 33.172 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.02 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

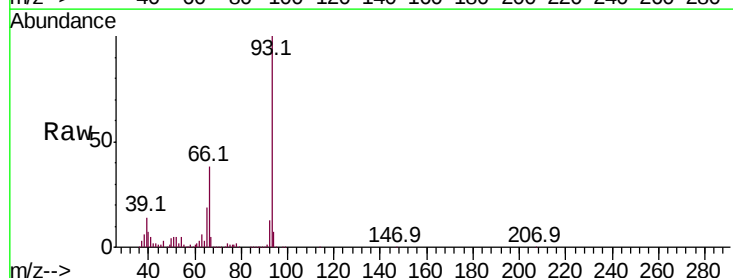
Tgt Ion: 93 Resp: 622185

Ion Ratio Lower Upper

93 100

66 37.9 31.7 47.5

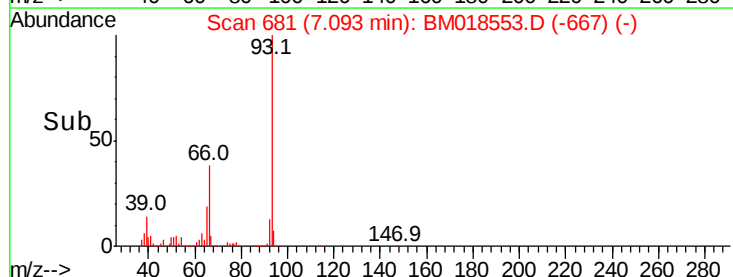
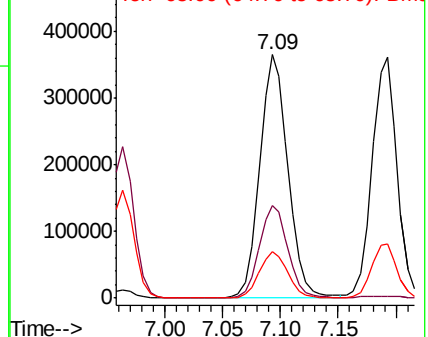
65 19.0 15.9 23.9

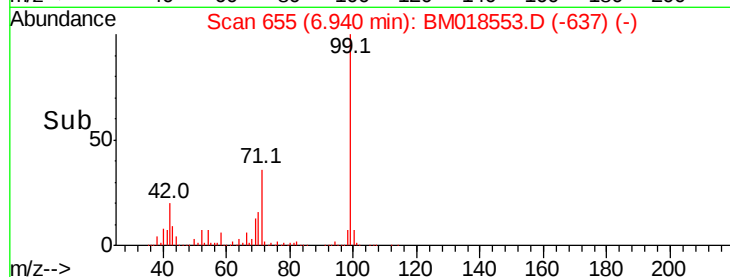
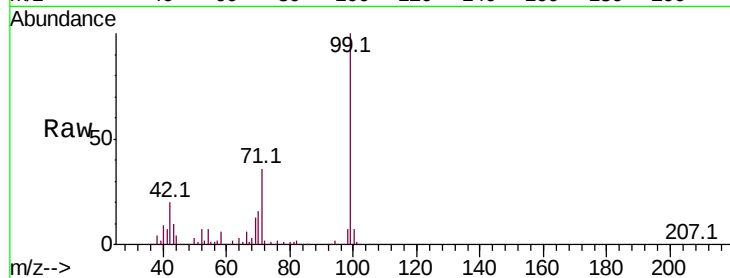
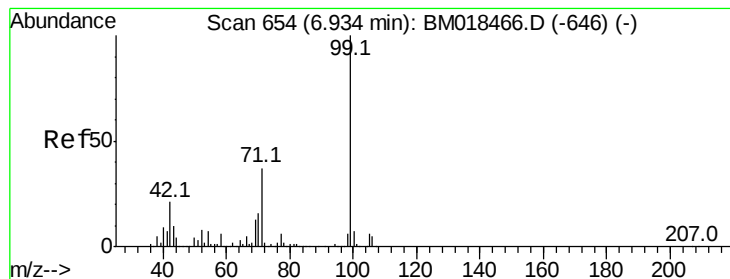


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 152.244 ng

RT: 6.94 min Scan# 655

Delta R.T. 0.01 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

Instrument :

BNA\_M

ClientSampleId :

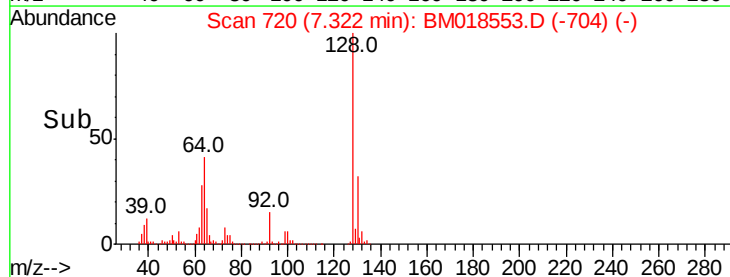
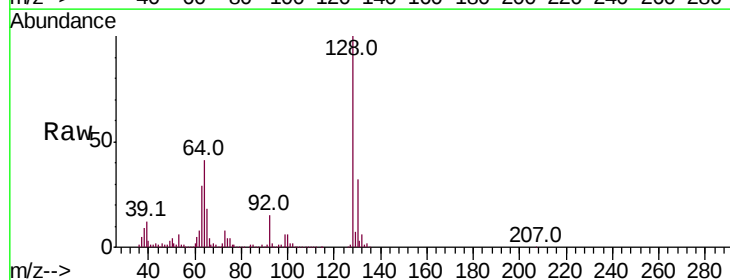
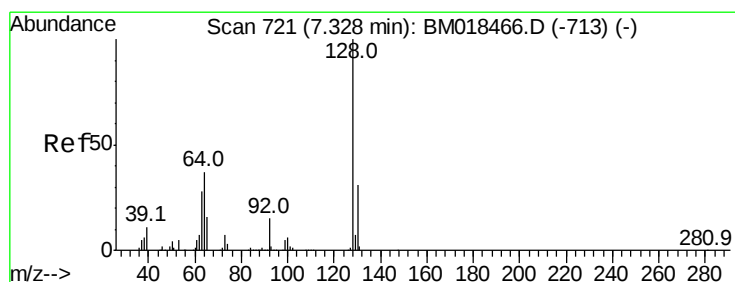
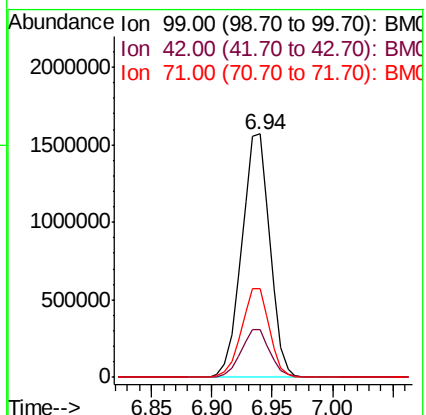
Tot Ion: 99 Resp: 2559867

Ion Ratio Lower Upper

99 100

42 19.7 17.3 25.9

71 36.2 28.0 42.0



#8

2-Chlorophenol

Concen: 44.722 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

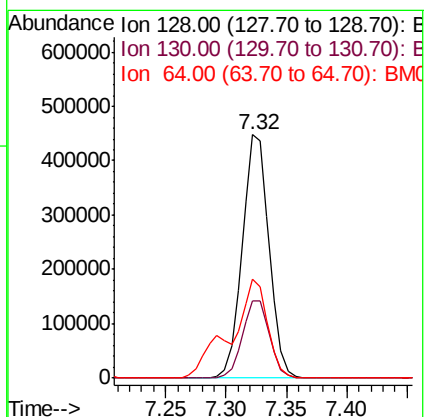
Tgt Ion: 128 Resp: 691463

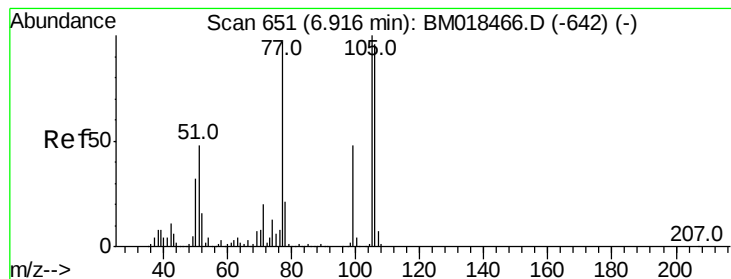
Ion Ratio Lower Upper

128 100

130 31.8 13.6 53.6

64 40.7 24.8 64.8





#9

Benzaldehyde

Concen: 16.034 ng

RT: 6.90 min Scan# 649

Delta R.T. -0.01 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

Instrument :

BNA\_M

ClientSampled :

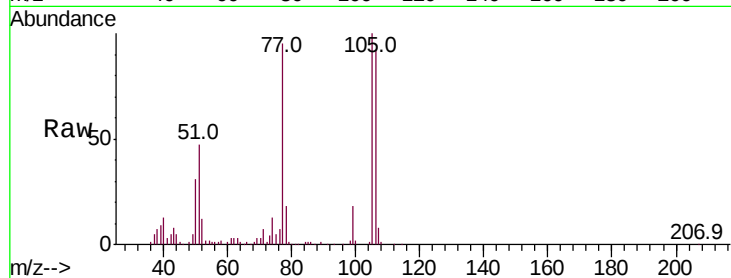
Tot Ion: 77 Resp: 182557

Ion Ratio Lower Upper

77 100

105 105.1 79.7 119.7

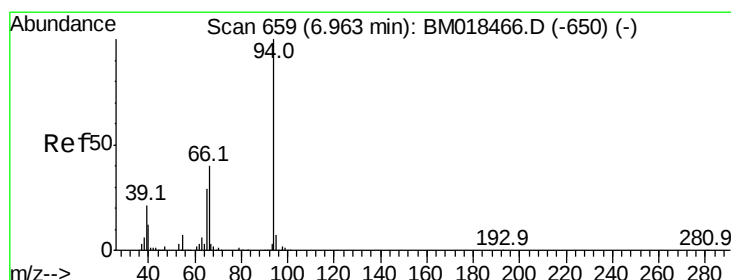
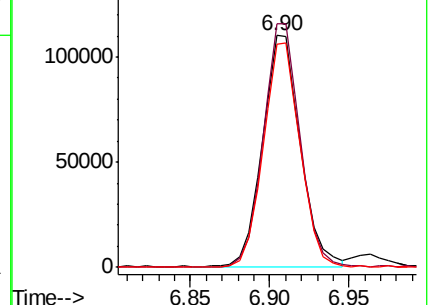
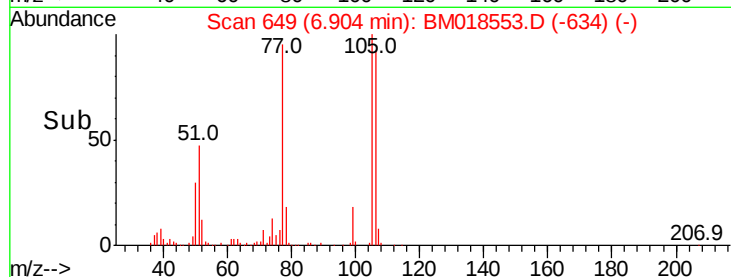
106 96.5 75.2 115.2



Abundance Ion 77.00 (76.70 to 77.70): BM018466.D (-642) (-)

Ion 105.00 (104.70 to 105.70): BM018466.D (-642) (-)

Ion 106.00 (105.70 to 106.70): BM018466.D (-642) (-)



#10

Phenol

Concen: 44.679 ng

RT: 6.96 min Scan# 659

Delta R.T. 0.00 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

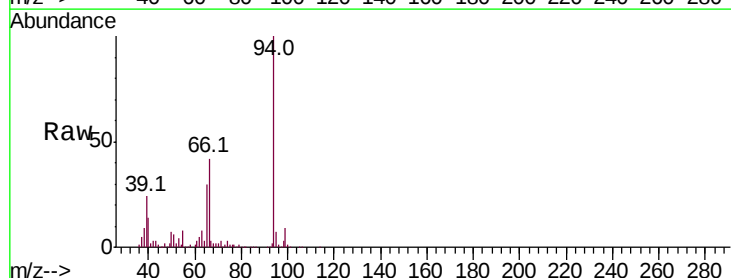
Tgt Ion: 94 Resp: 763382

Ion Ratio Lower Upper

94 100

65 29.7 9.4 49.4

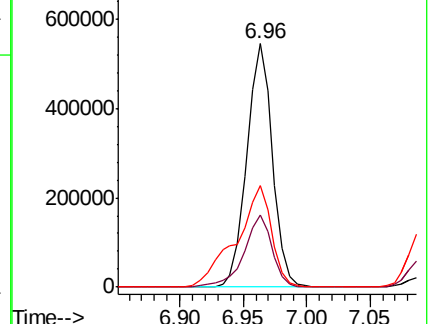
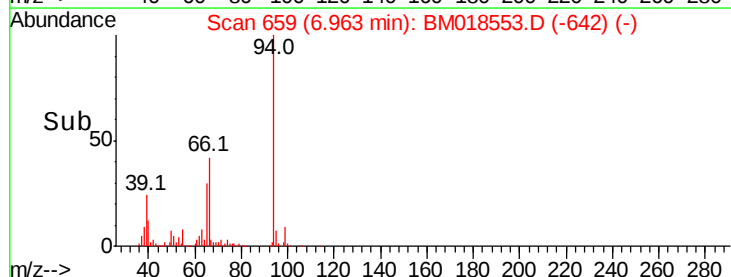
66 41.5 19.1 59.1

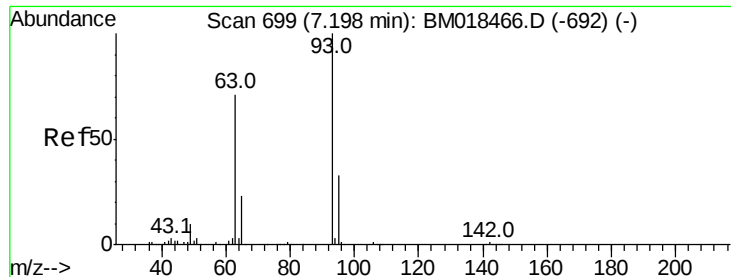


Abundance Ion 94.00 (93.70 to 94.70): BM018466.D (-650) (-)

Ion 65.00 (64.70 to 65.70): BM018466.D (-650) (-)

Ion 66.00 (65.70 to 66.70): BM018466.D (-650) (-)

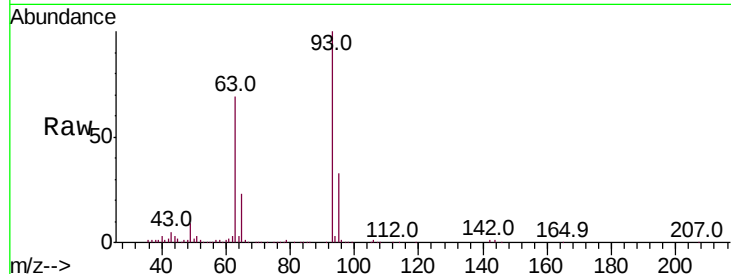




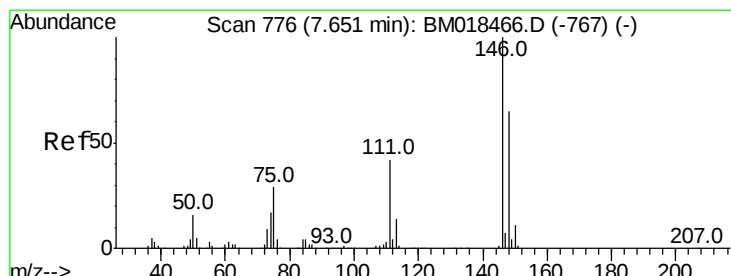
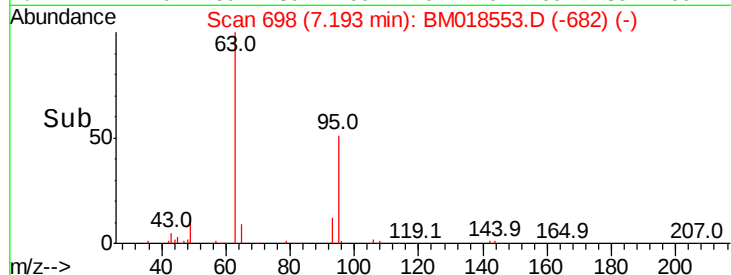
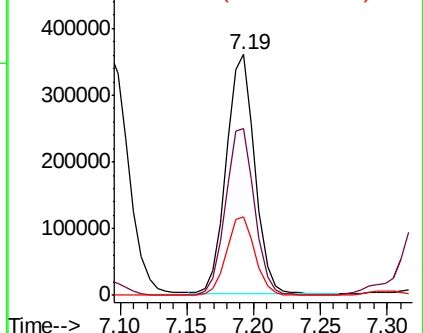
#11  
bis(2-Chloroethyl)ether  
Concen: 39.974 ng  
RT: 7.19 min Scan# 698  
Delta R.T. -0.01 min  
Lab File: BM018553.D  
Acq: 14 Jan 2019 16:11

Instrument :  
BNA\_M  
ClientSampled :

Tot Ion: 93 Resp: 536659  
Ion Ratio Lower Upper  
93 100  
63 69.0 56.4 96.4  
95 32.6 12.7 52.7

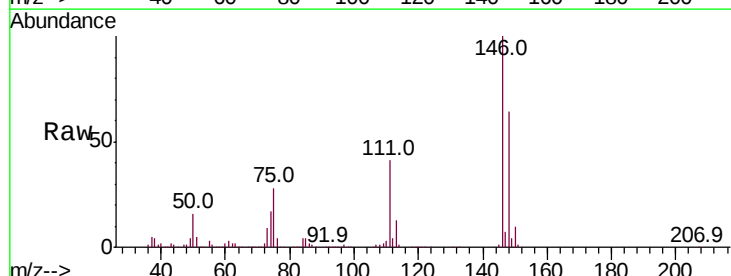


Abundance Ion 93.00 (92.70 to 93.70): BM018466.D (-692) (-)  
Ion 63.00 (62.70 to 63.70): BM018466.D (-692) (-)  
Ion 95.00 (94.70 to 95.70): BM018466.D (-692) (-)

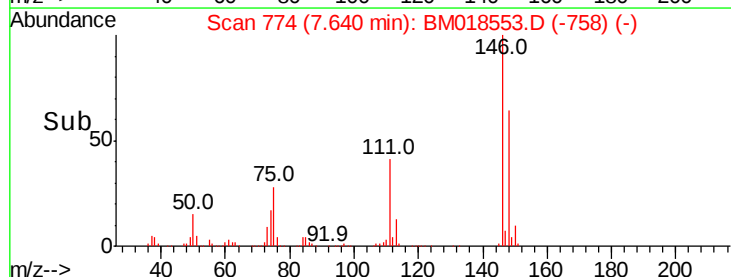
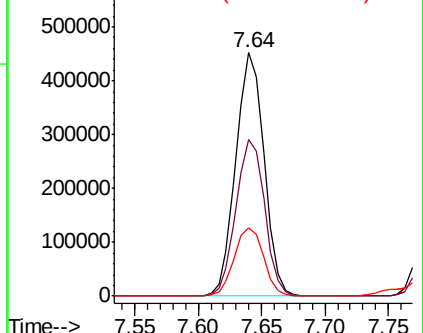


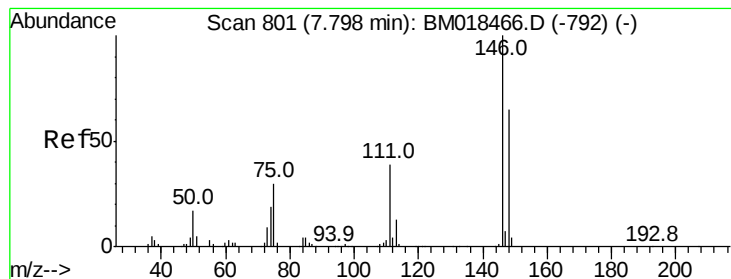
#12  
1,3-Dichlorobenzene  
Concen: 37.982 ng  
RT: 7.64 min Scan# 774  
Delta R.T. -0.01 min  
Lab File: BM018553.D  
Acq: 14 Jan 2019 16:11

Tgt Ion: 146 Resp: 699365  
Ion Ratio Lower Upper  
146 100  
148 64.4 50.5 75.7  
75 28.2 23.0 34.6



Abundance Ion 146.00 (145.70 to 146.70): BM018466.D (-767) (-)  
Ion 148.00 (147.70 to 148.70): BM018466.D (-767) (-)  
Ion 75.00 (74.70 to 75.70): BM018466.D (-767) (-)





#13

1,4-Dichlorobenzene

Concen: 38.534 ng

RT: 7.79 min Scan# 800

Delta R.T. -0.01 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

Instrument :

BNA\_M

ClientSampleId :

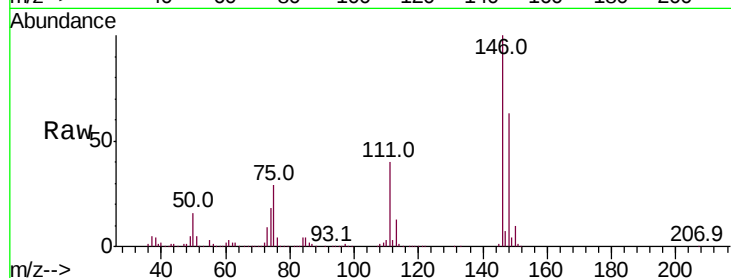
Tot Ion:146 Resp: 719130

Ion Ratio Lower Upper

146 100

148 63.4 50.8 76.2

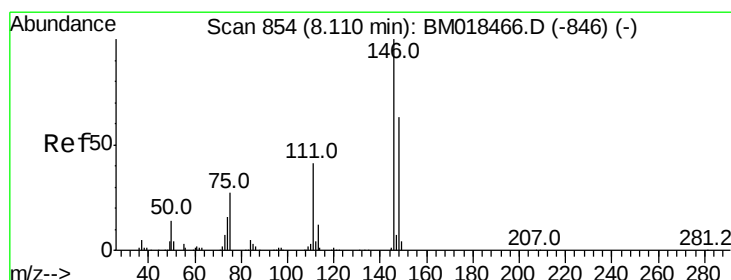
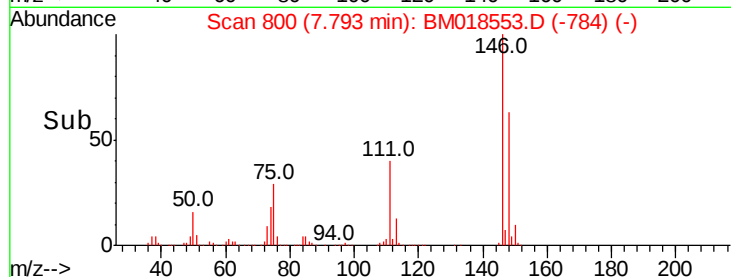
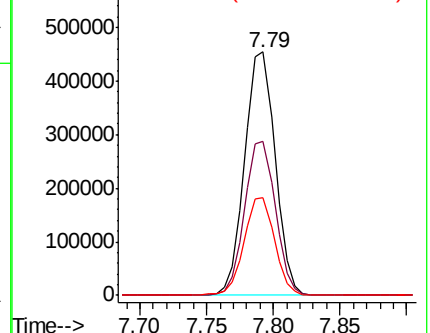
111 39.9 32.2 48.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.572 ng

RT: 8.10 min Scan# 853

Delta R.T. -0.01 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

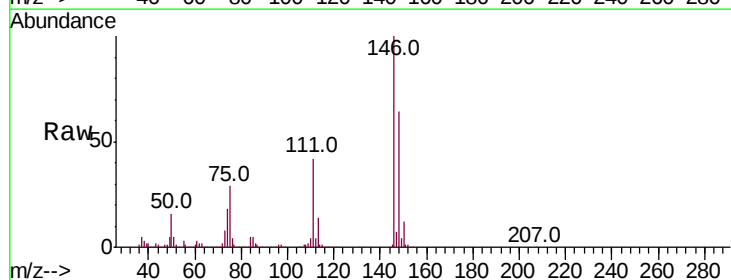
Tgt Ion:146 Resp: 682569

Ion Ratio Lower Upper

146 100

148 63.9 51.0 76.6

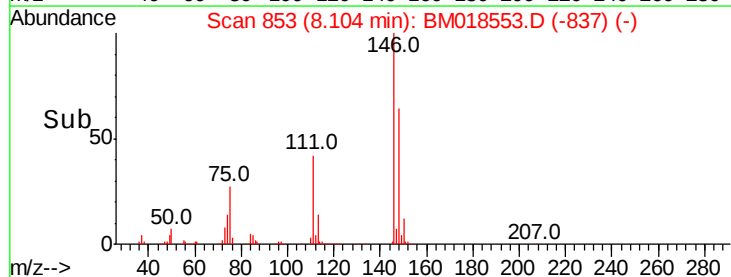
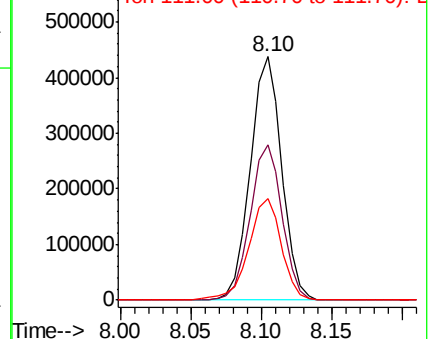
111 41.6 33.8 50.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.793 ng

RT: 8.00 min Scan# 836

Delta R.T. -0.01 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

Instrument :

BNA\_M

ClientSampleId :

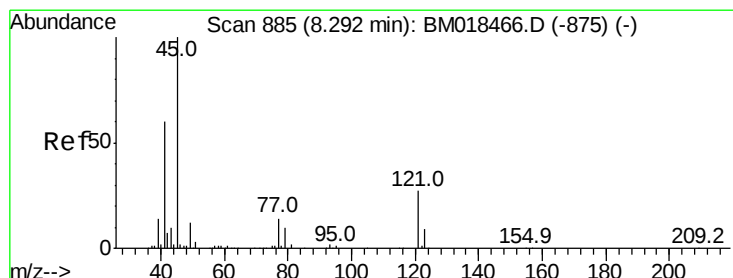
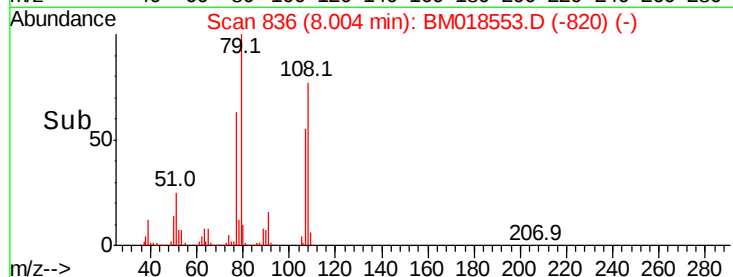
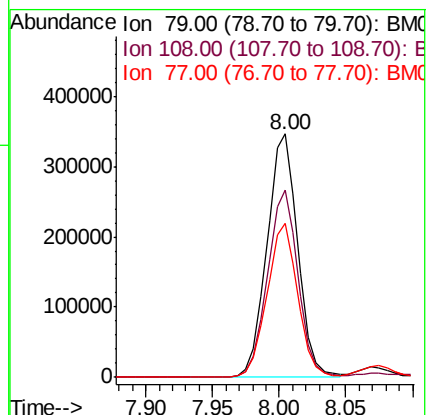
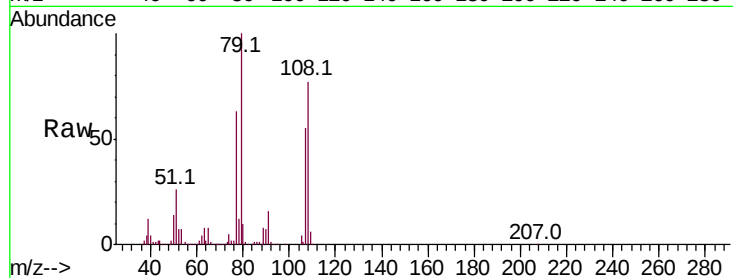
Tot Ion: 79 Resp: 556120

Ion Ratio Lower Upper

79 100

108 76.9 60.4 90.6

77 63.1 53.4 80.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.294 ng

RT: 8.28 min Scan# 883

Delta R.T. 0.00 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

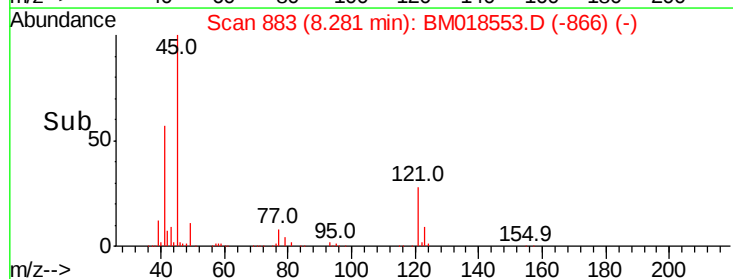
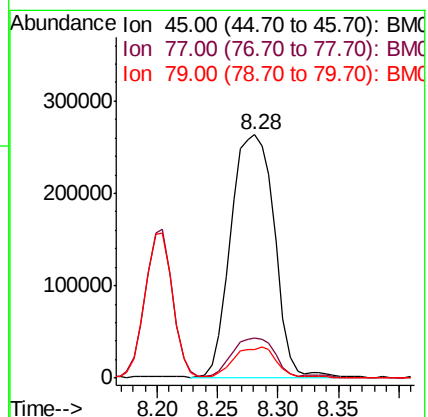
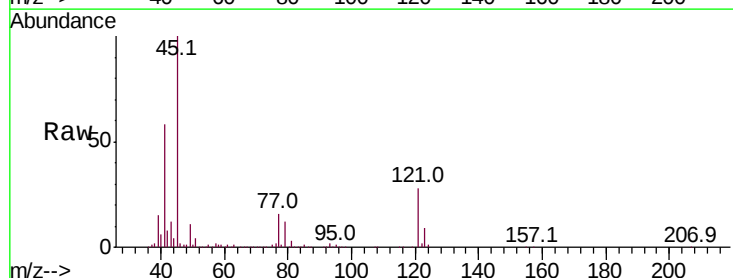
Tgt Ion: 45 Resp: 657000

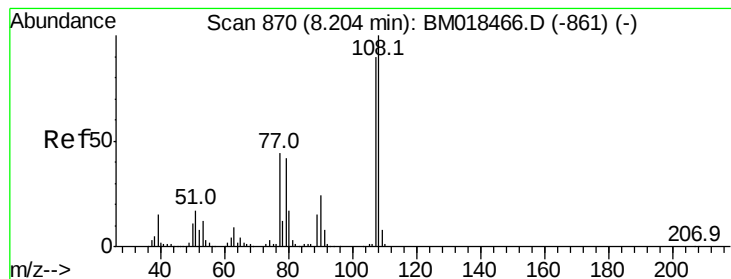
Ion Ratio Lower Upper

45 100

77 16.2 0.0 33.4

79 11.9 0.0 31.1

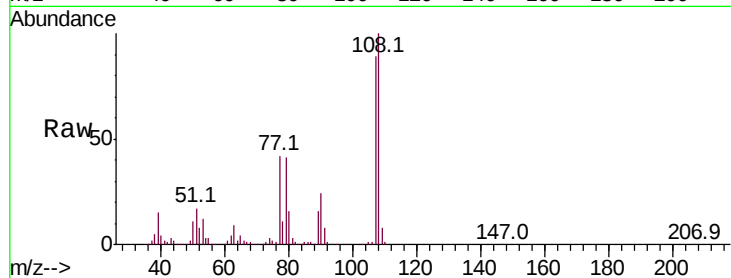




#17  
2-Methylphenol  
Concen: 46.725 ng  
RT: 8.20 min Scan# 870  
Delta R.T. -0.01 min  
Lab File: BM018553.D  
Acq: 14 Jan 2019 16:11

Instrument :  
BNA\_M  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 112.1 | 87.5  | 131.3 |
| 77      | 47.4  | 37.3  | 55.9  |
| 79      | 46.3  | 36.4  | 54.6  |



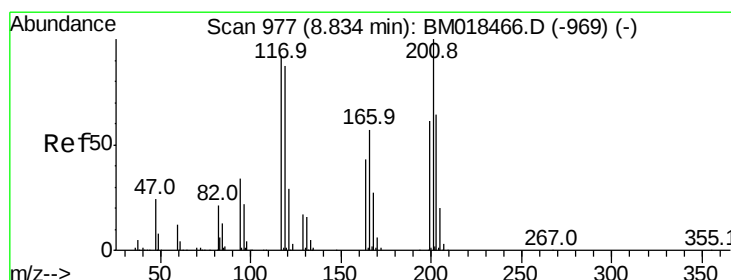
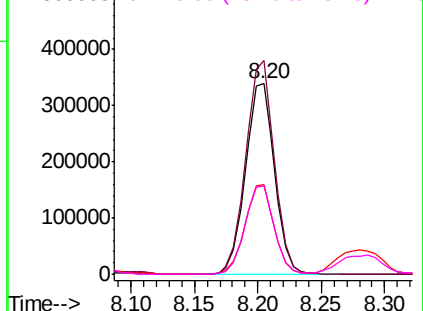
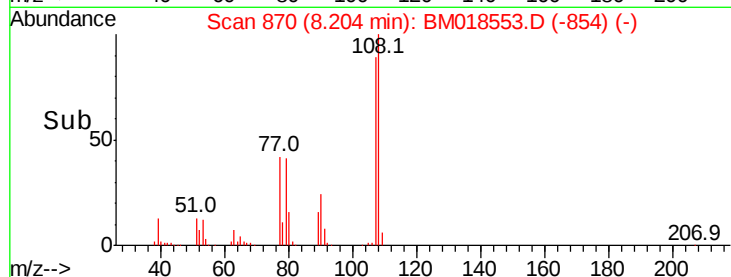
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

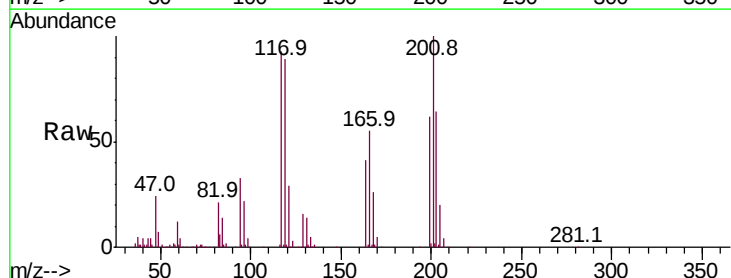
Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18  
Hexachloroethane  
Concen: 38.953 ng  
RT: 8.82 min Scan# 975  
Delta R.T. -0.01 min  
Lab File: BM018553.D  
Acq: 14 Jan 2019 16:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 94.8  | 78.3  | 117.5 |
| 201     | 107.0 | 81.4  | 122.0 |

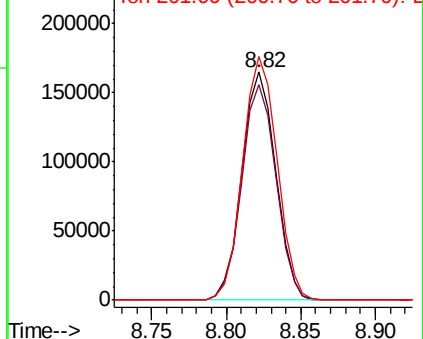
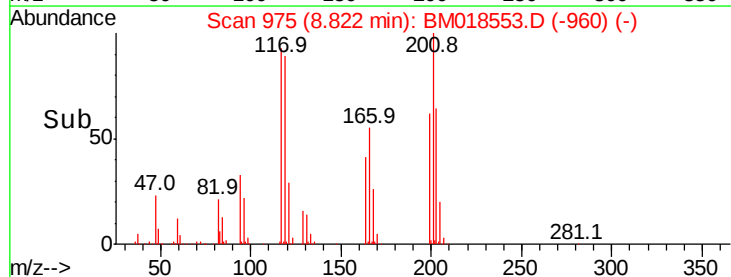


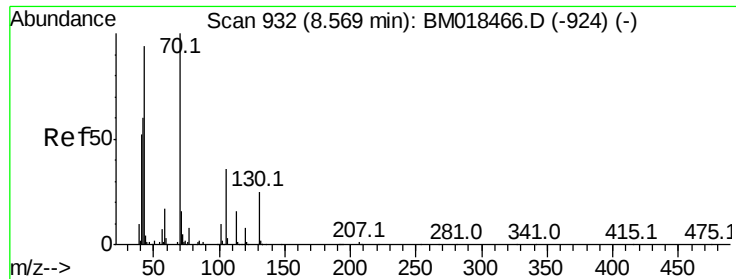
Abundance

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

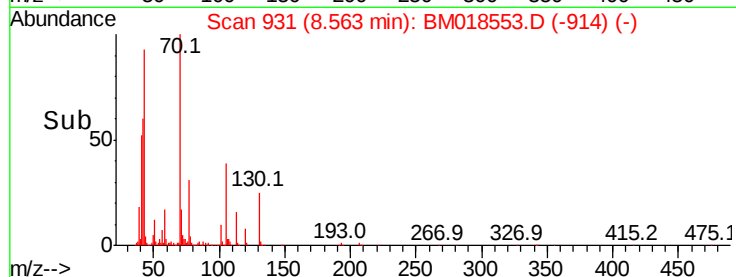
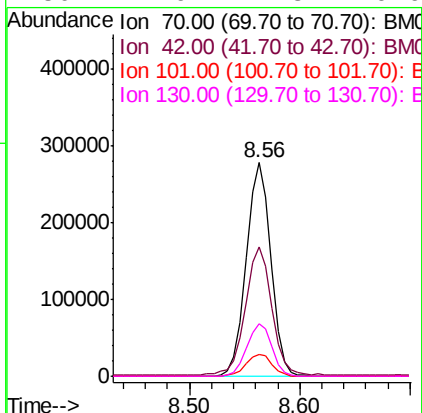
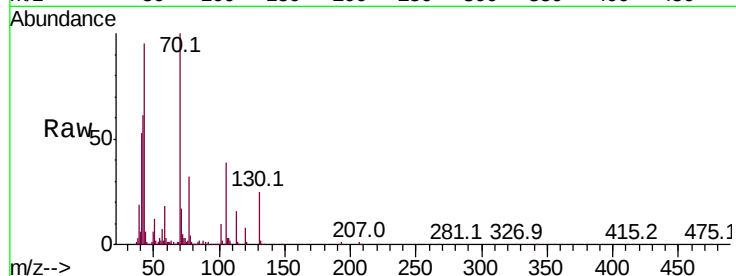




#19  
n-Nitroso-di-n-propylamine  
Concen: 39.979 ng  
RT: 8.56 min Scan# 931  
Delta R.T. 0.00 min  
Lab File: BM018553.D  
Acq: 14 Jan 2019 16:11

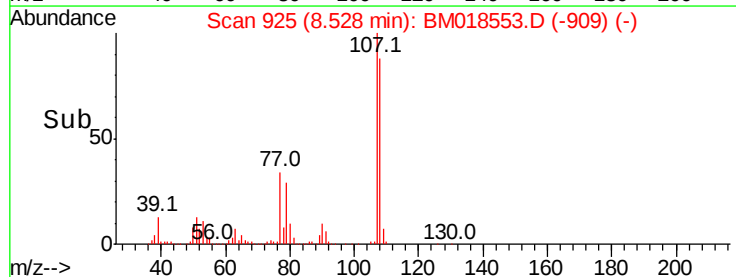
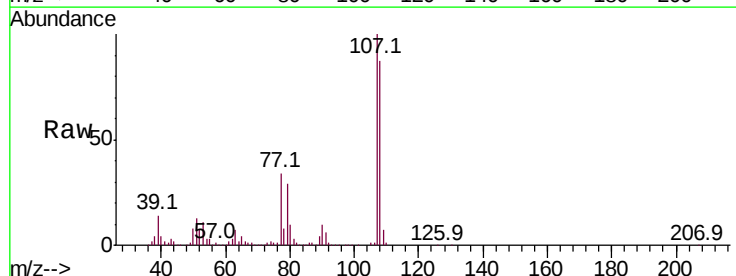
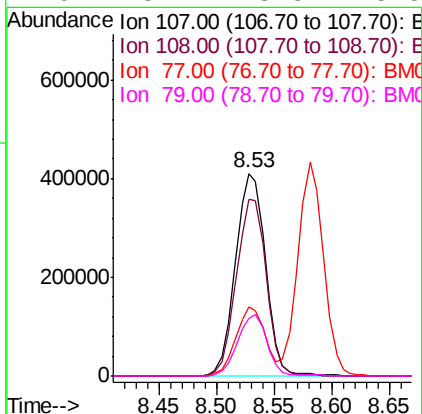
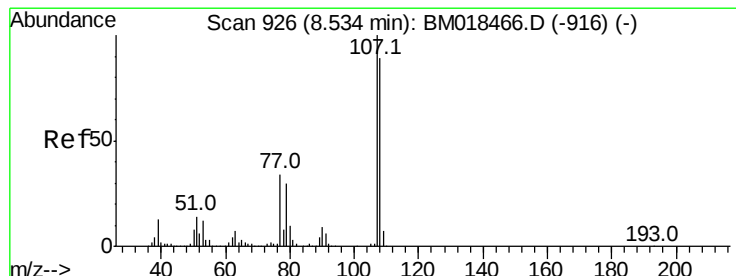
Instrument :  
BNA\_M  
ClientSampleId :

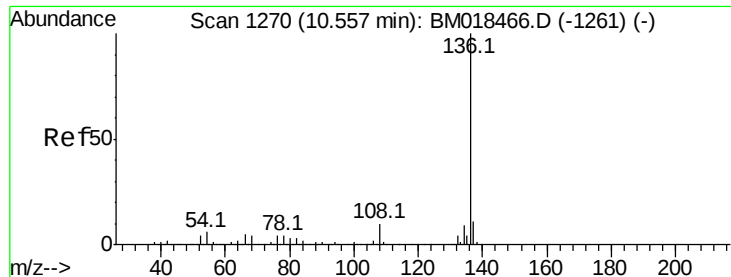
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 437463 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 60.7  | 54.0  | 81.0   |
| 101      | 10.5  | 8.1   | 12.1   |
| 130      | 24.9  | 17.8  | 26.6   |



#20  
3+4-Methylphenols  
Concen: 46.247 ng  
RT: 8.53 min Scan# 925  
Delta R.T. -0.01 min  
Lab File: BM018553.D  
Acq: 14 Jan 2019 16:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 740438 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 87.4  | 66.8  | 106.8  |
| 77       | 33.9  | 13.3  | 53.3   |
| 79       | 28.7  | 8.8   | 48.8   |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

Instrument :

BNA\_M

ClientSampleId :

Tot Ion:136 Resp: 1010443

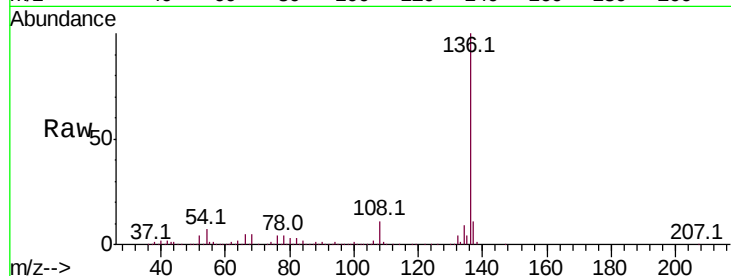
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 6.7 6.0 9.0

68 4.7 4.5 6.7

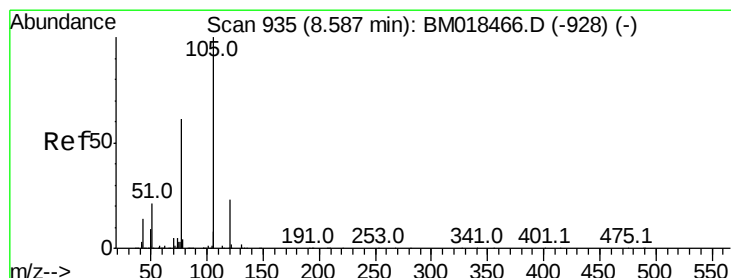
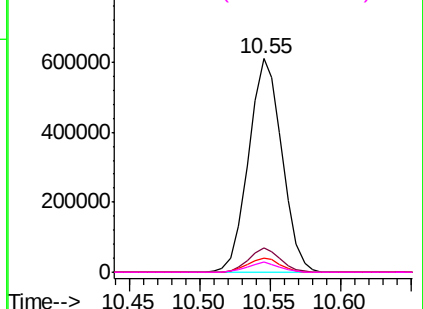
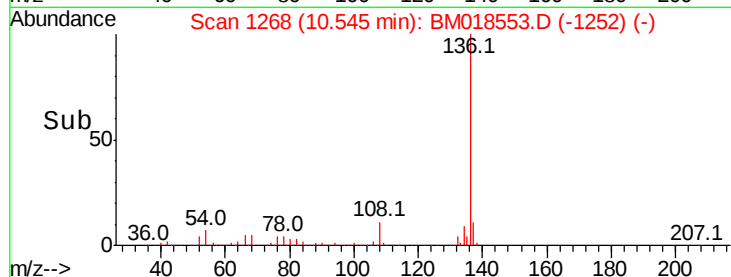


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.148 ng

RT: 8.58 min Scan# 934

Delta R.T. -0.01 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

Tgt Ion:105 Resp: 903555

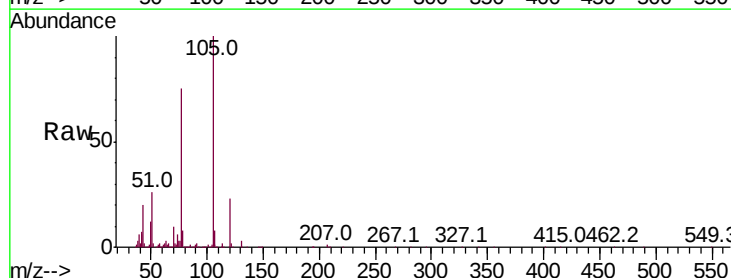
Ion Ratio Lower Upper

105 100

71 1.7 1.7 2.5

51 26.5 22.6 34.0

120 23.1 18.3 27.5

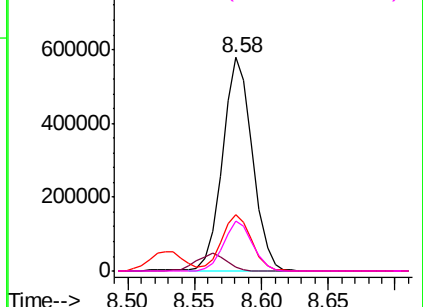
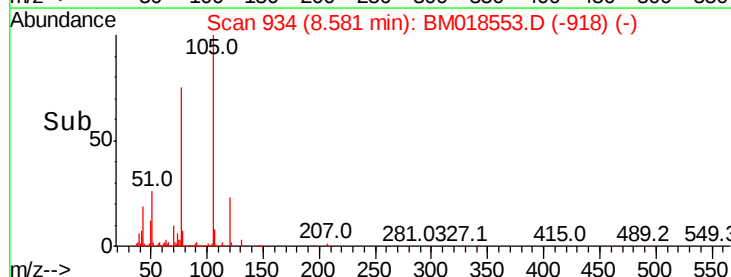


Abundance Ion 105.00 (104.70 to 105.70): E

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: 79.192 ng

RT: 8.92 min Scan# 992

Delta R.T. 0.00 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

Instrument :

BNA\_M

ClientSampleId :

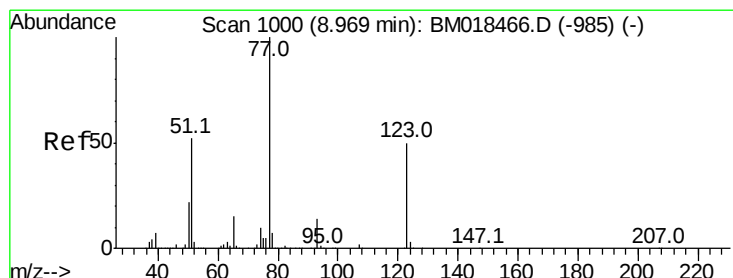
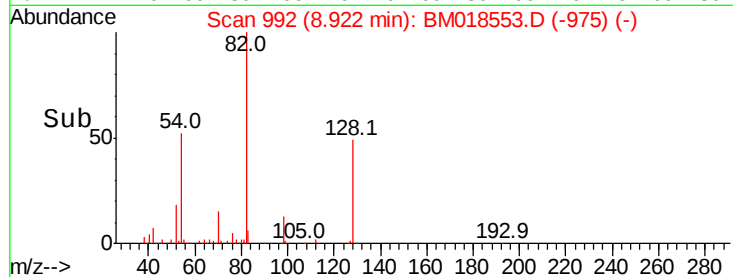
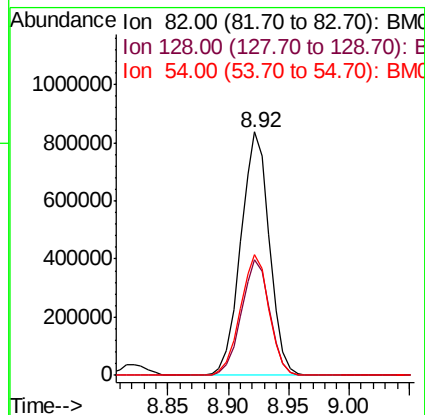
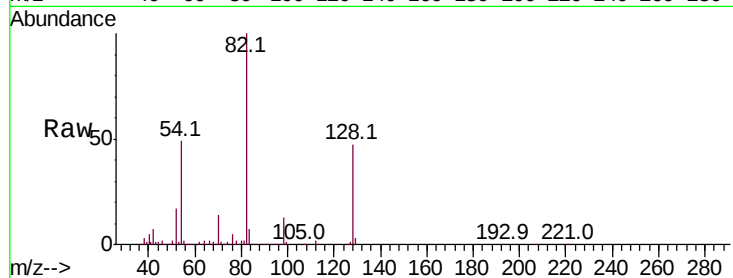
Tot Ion: 82 Resp: 1380337

Ion Ratio Lower Upper

82 100

128 47.3 36.3 54.5

54 49.5 41.7 62.5



#24

Nitrobenzene

Concen: 38.277 ng

RT: 8.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

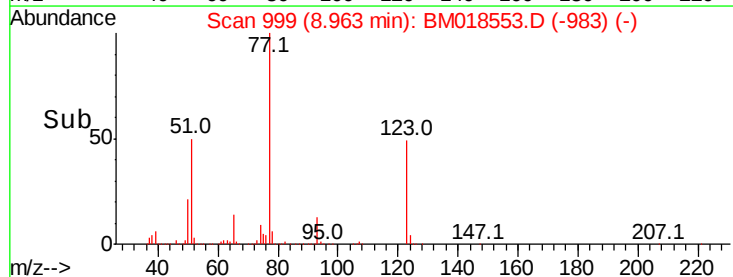
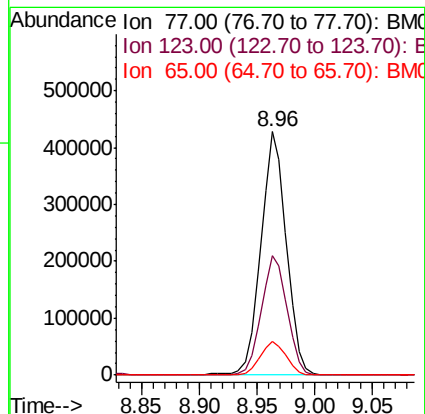
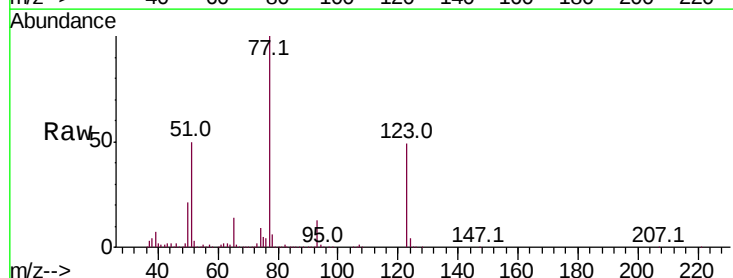
Tgt Ion: 77 Resp: 656460

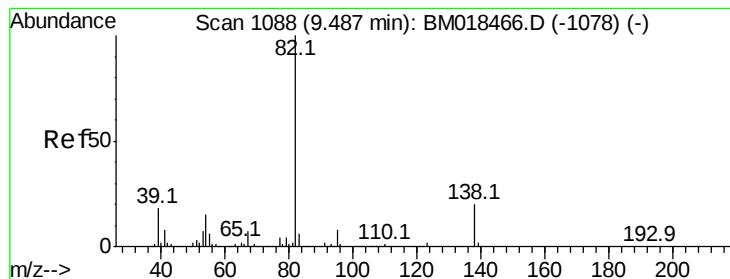
Ion Ratio Lower Upper

77 100

123 49.0 37.7 56.5

65 13.9 11.0 16.6





#25

Isophorone

Concen: 45.749 ng

RT: 9.48 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

Instrument :

BNA\_M

ClientSampleId :

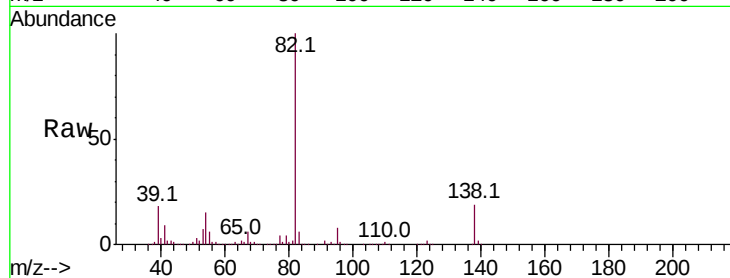
Tot Ion: 82 Resp: 1207514

Ion Ratio Lower Upper

82 100

95 8.0 6.1 9.1

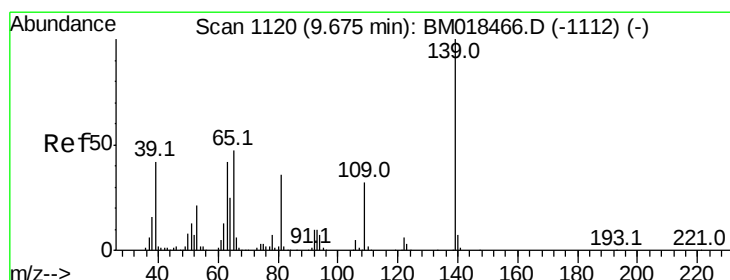
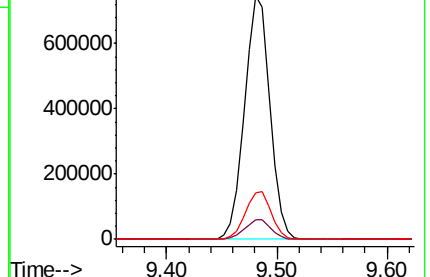
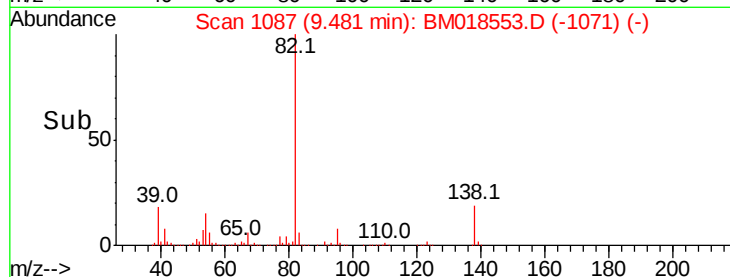
138 19.1 15.1 22.7



Abundance Ion 82.00 (81.70 to 82.70): BM018466.D (-1078) (-)

Ion 95.00 (94.70 to 95.70): BM018466.D (-1078) (-)

Ion 138.00 (137.70 to 138.70): BM018466.D (-1078) (-)



#26

2-Nitrophenol

Concen: 45.343 ng

RT: 9.67 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

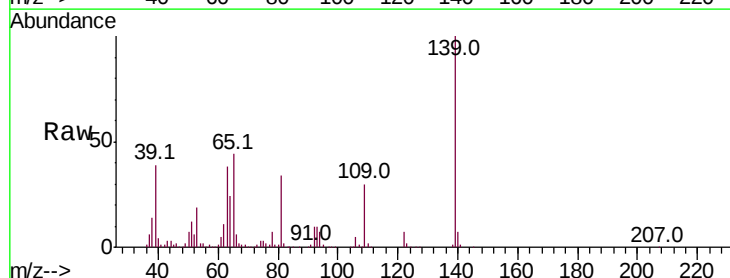
Tgt Ion: 139 Resp: 376017

Ion Ratio Lower Upper

139 100

109 30.1 23.4 35.2

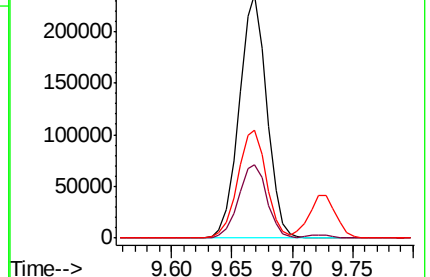
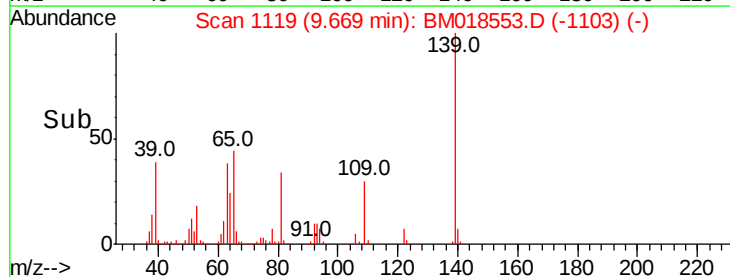
65 44.1 39.4 59.2

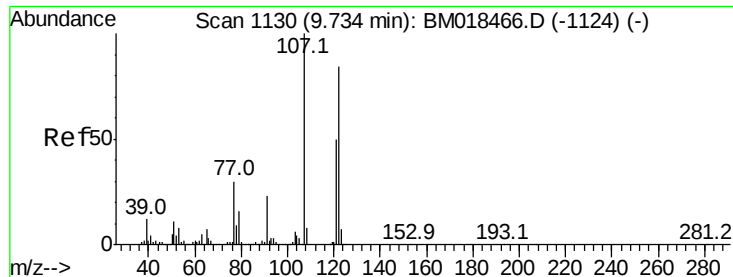


Abundance Ion 139.00 (138.70 to 139.70): BM018466.D (-1112) (-)

Ion 109.00 (108.70 to 109.70): BM018466.D (-1112) (-)

Ion 65.00 (64.70 to 65.70): BM018466.D (-1112) (-)





#27

2,4-Dimethylphenol

Concen: 50.332 ng

RT: 9.73 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

Instrument :

BNA\_M

ClientSampleId :

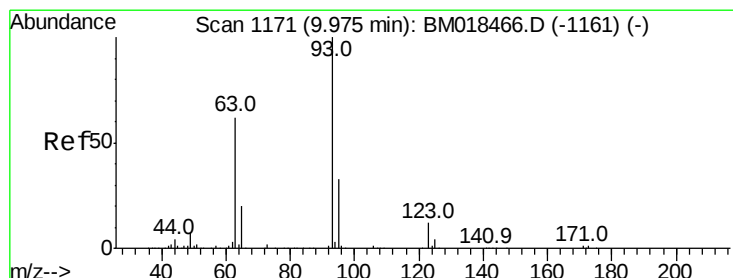
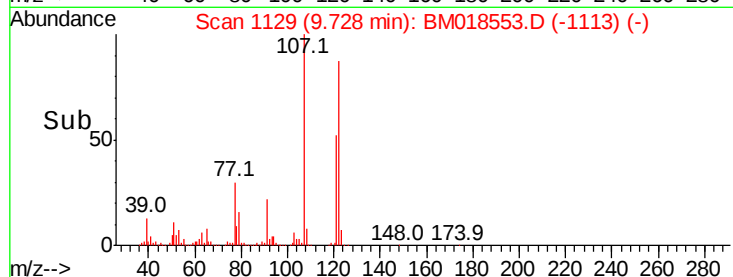
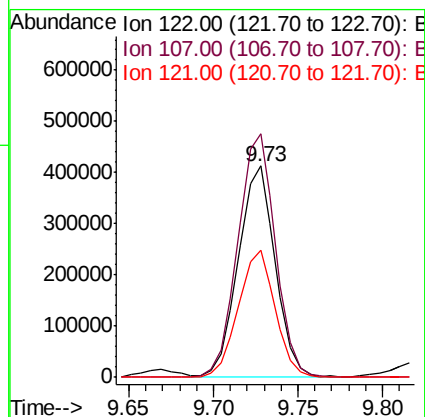
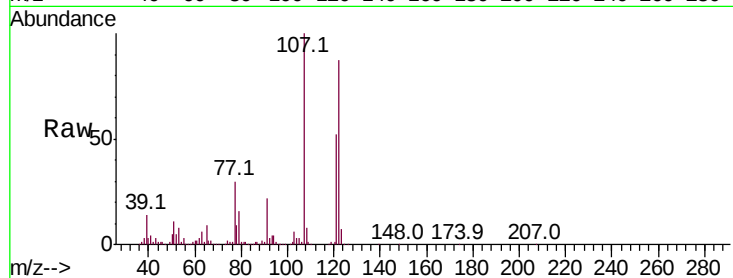
Tot Ion:122 Resp: 625617

Ion Ratio Lower Upper

122 100

107 115.2 91.9 137.9

121 60.0 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 41.024 ng

RT: 9.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

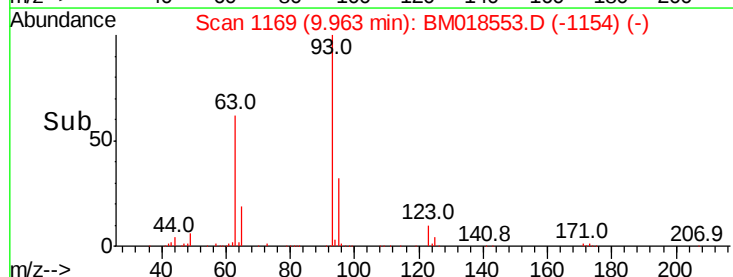
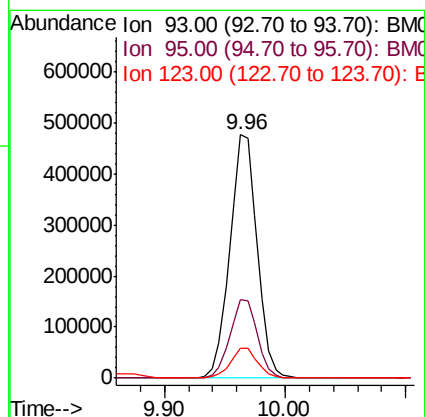
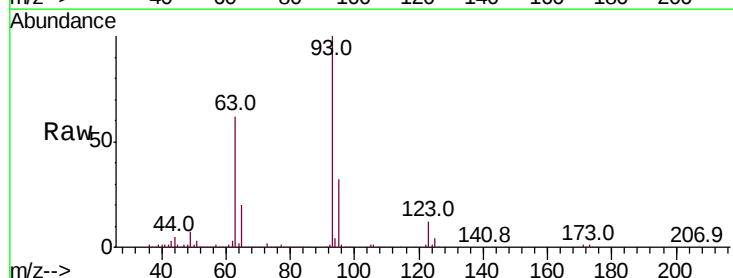
Tgt Ion: 93 Resp: 748020

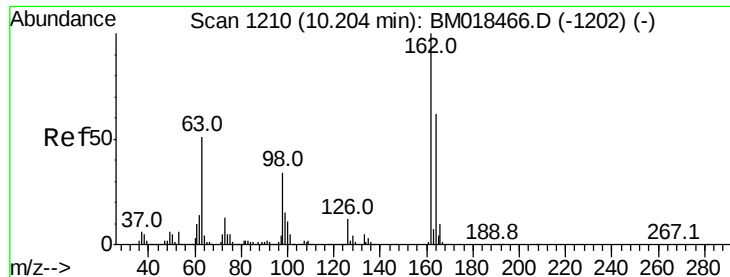
Ion Ratio Lower Upper

93 100

95 32.4 26.6 39.8

123 12.1 9.9 14.9

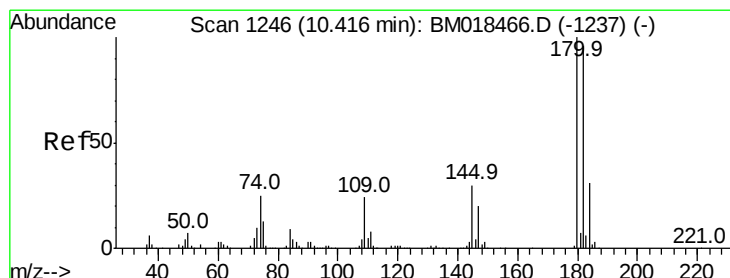
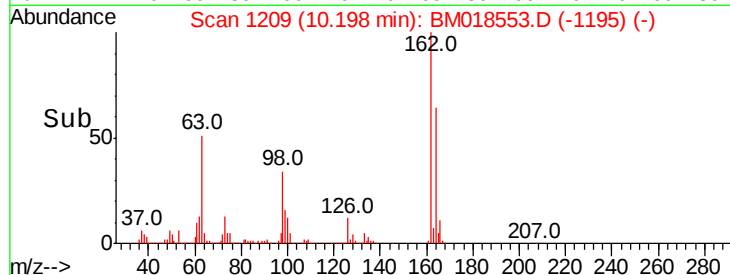
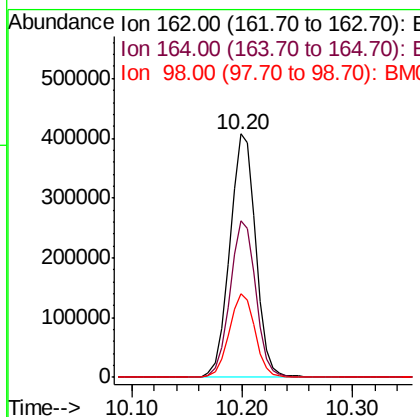
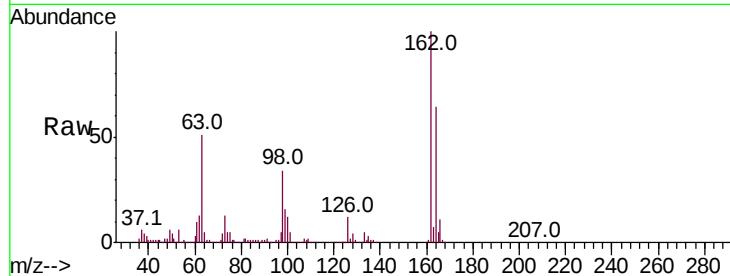




#29  
 2,4-Dichlorophenol  
 Concen: 45.289 ng  
 RT: 10.20 min Scan# 1209  
 Delta R.T. -0.02 min  
 Lab File: BM018553.D  
 Acq: 14 Jan 2019 16:11

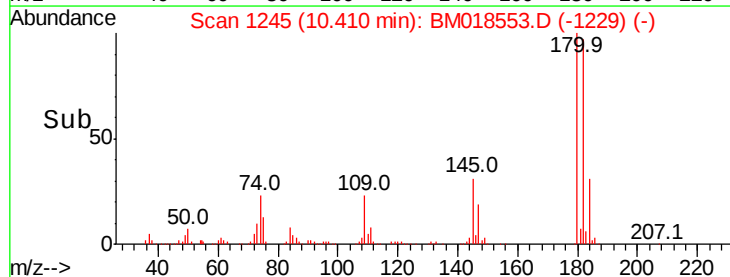
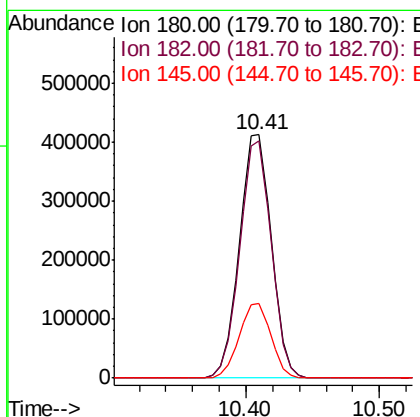
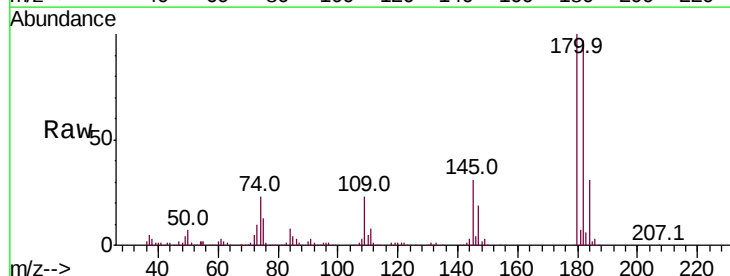
Instrument :  
 BNA\_M  
 ClientSampleId :

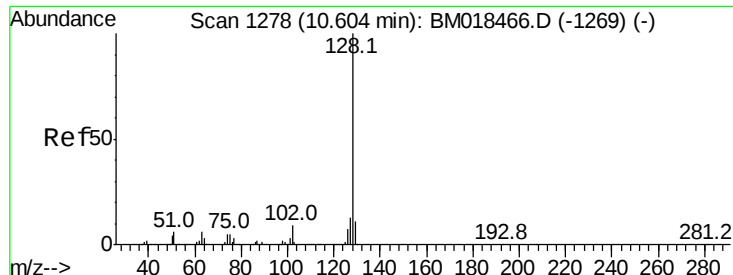
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.4  | 45.6  | 85.6  |
| 98      | 34.1  | 14.7  | 54.7  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 37.113 ng  
 RT: 10.41 min Scan# 1245  
 Delta R.T. -0.01 min  
 Lab File: BM018553.D  
 Acq: 14 Jan 2019 16:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 97.5  | 77.4  | 116.2 |
| 145     | 30.6  | 24.6  | 37.0  |

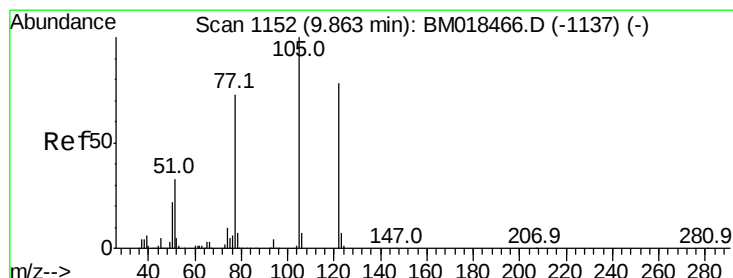
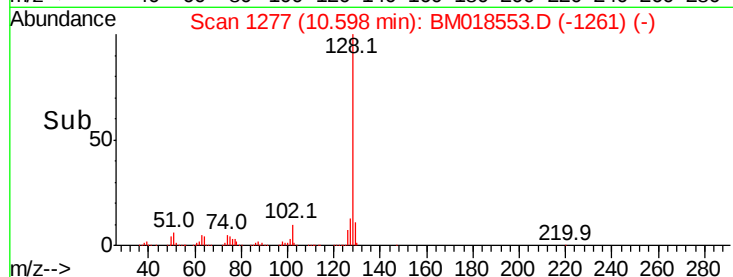
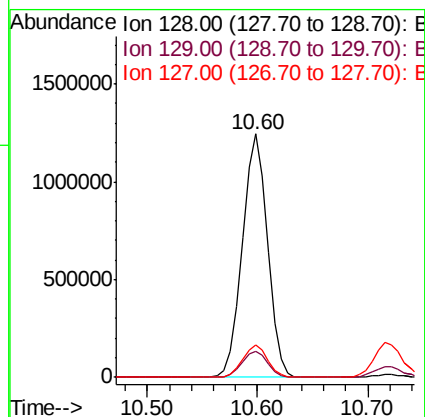
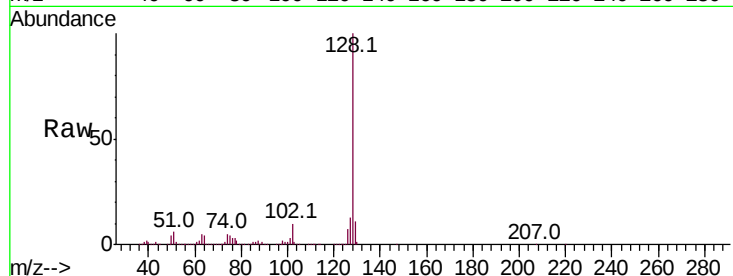




#31  
Naphthalene  
Concen: 40.962 ng  
RT: 10.60 min Scan# 1277  
Delta R.T. -0.01 min  
Lab File: BM018553.D  
Acq: 14 Jan 2019 16:11

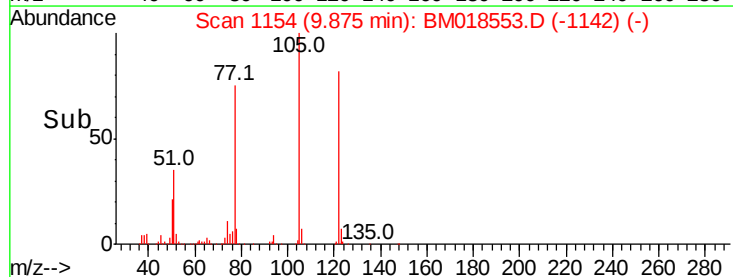
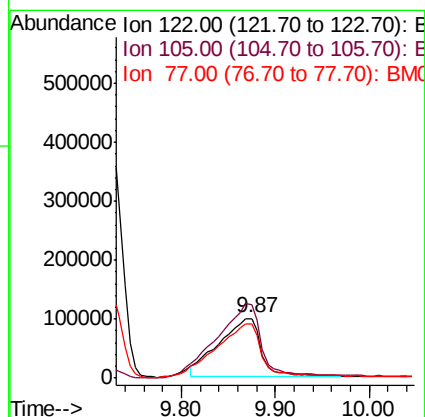
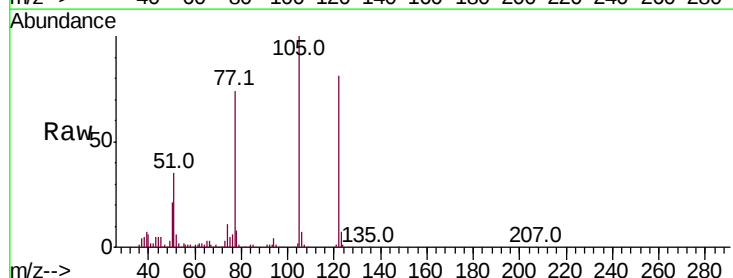
Instrument :  
BNA\_M  
ClientSampleId :

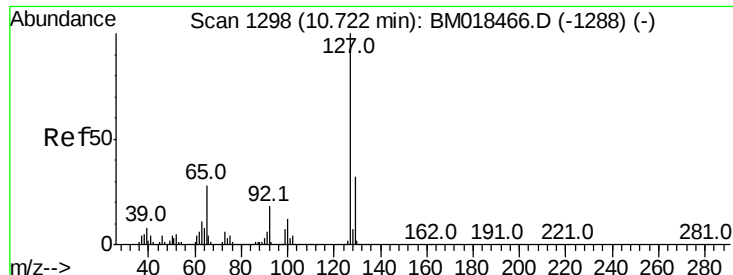
Tot Ion:128 Resp: 1993347  
Ion Ratio Lower Upper  
128 100  
129 10.8 8.7 13.1  
127 13.1 10.8 16.2



#32  
Benzoic acid  
Concen: 37.645 ng  
RT: 9.87 min Scan# 1154  
Delta R.T. -0.03 min  
Lab File: BM018553.D  
Acq: 14 Jan 2019 16:11

Tgt Ion:122 Resp: 301470  
Ion Ratio Lower Upper  
122 100  
105 123.0 100.4 140.4  
77 91.5 71.7 111.7

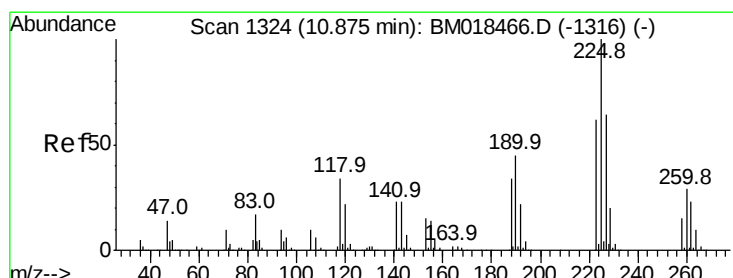
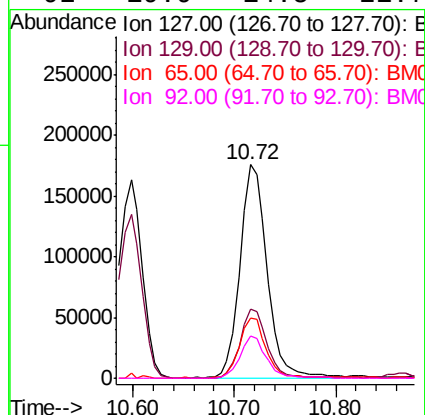
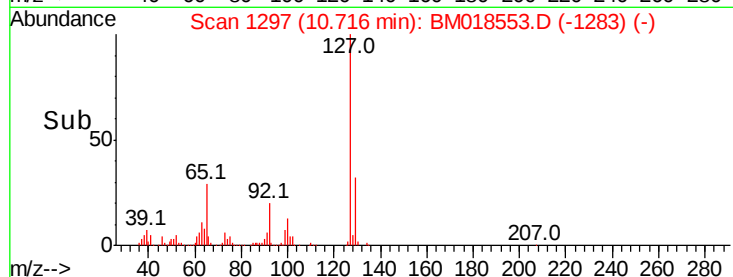
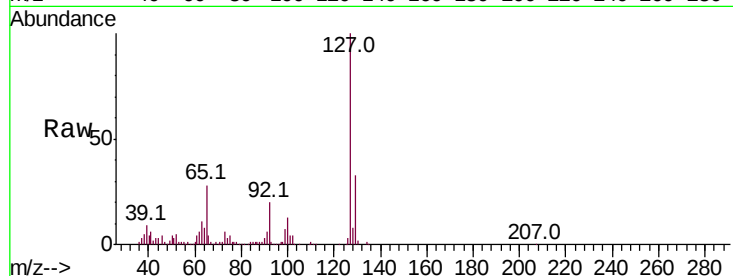




#33  
4-Chloroaniline  
Concen: 16.973 ng  
RT: 10.72 min Scan# 1297  
Delta R.T. -0.02 min  
Lab File: BM018553.D  
Acq: 14 Jan 2019 16:11

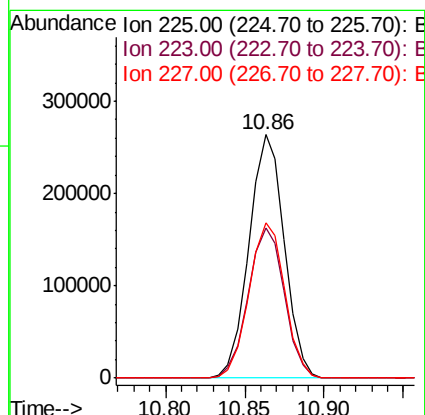
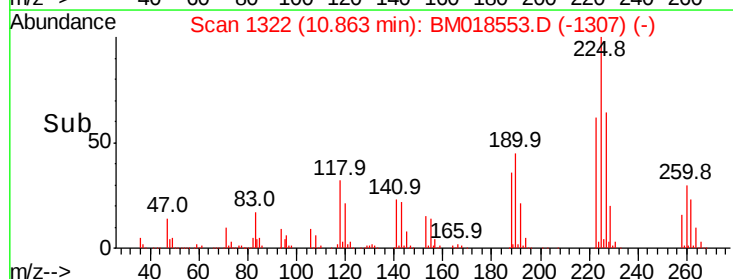
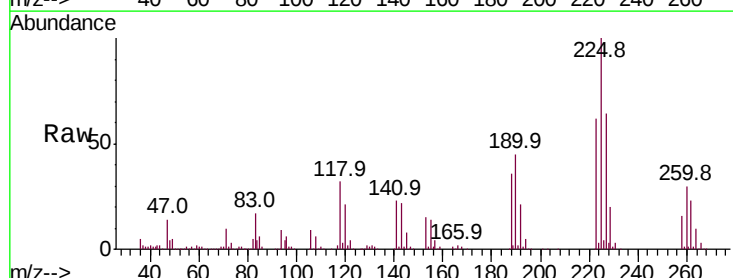
Instrument :  
BNA\_M  
ClientSampleId :

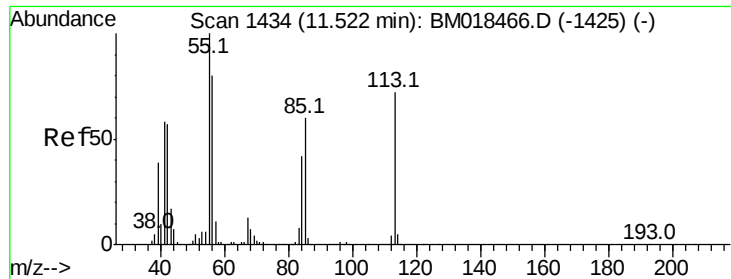
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 325293 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.6  | 25.9  | 38.9   |
| 65       | 28.4  | 23.4  | 35.2   |
| 92       | 19.9  | 14.5  | 21.7   |



#34  
Hexachlorobutadiene  
Concen: 35.173 ng  
RT: 10.86 min Scan# 1322  
Delta R.T. -0.01 min  
Lab File: BM018553.D  
Acq: 14 Jan 2019 16:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 408214 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 61.8  | 50.8  | 76.2   |
| 227      | 63.7  | 50.4  | 75.6   |





#35

Caprolactam

Concen: 37.502 ng

RT: 11.55 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

Instrument :

BNA\_M

ClientSampled :

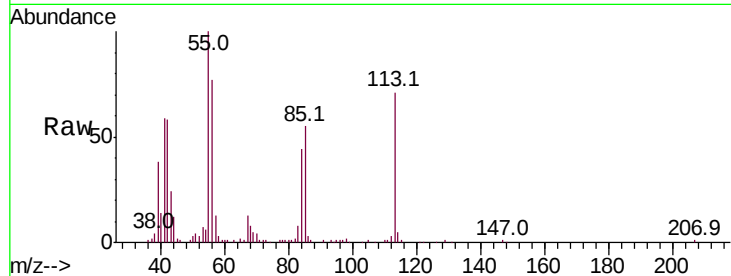
Tot Ion:113 Resp: 188713

Ion Ratio Lower Upper

113 100

55 141.8 139.3 179.3

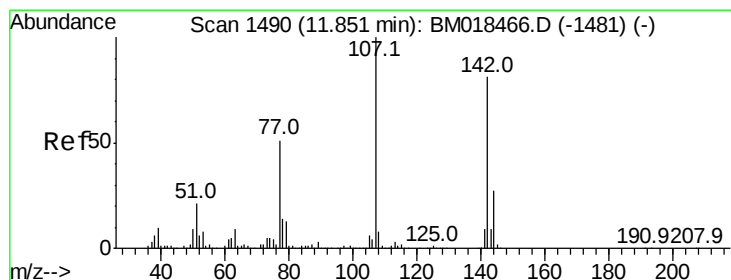
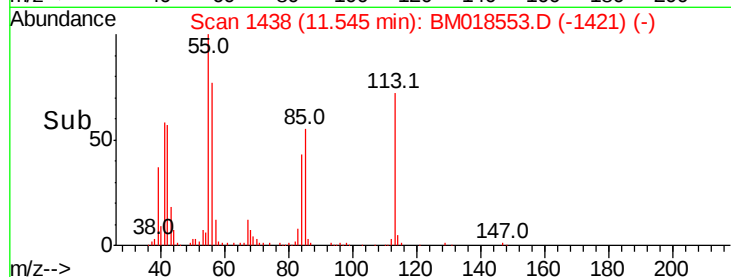
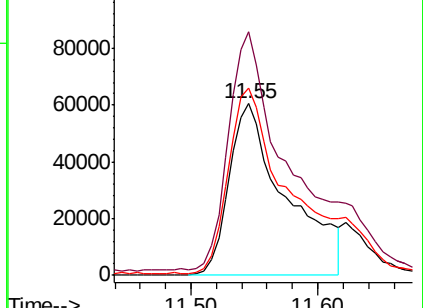
56 109.1 101.4 141.4



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: 45.473 ng

RT: 11.85 min Scan# 1489

Delta R.T. -0.01 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

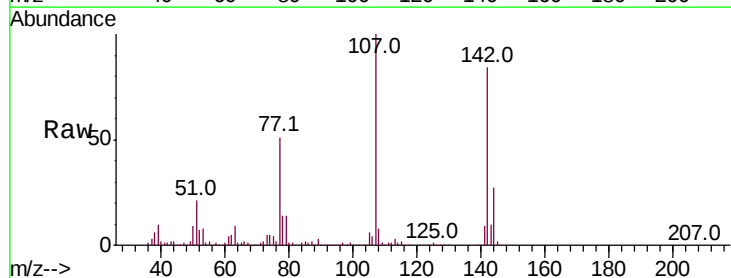
Tgt Ion:107 Resp: 706106

Ion Ratio Lower Upper

107 100

144 26.9 21.9 32.9

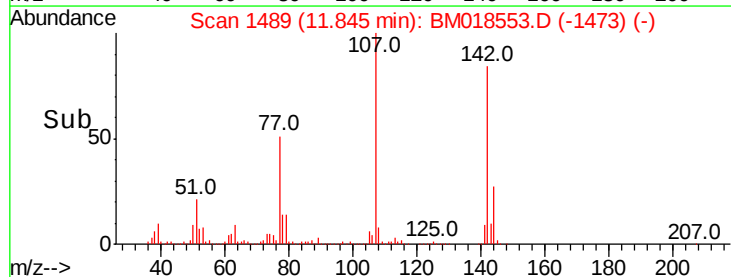
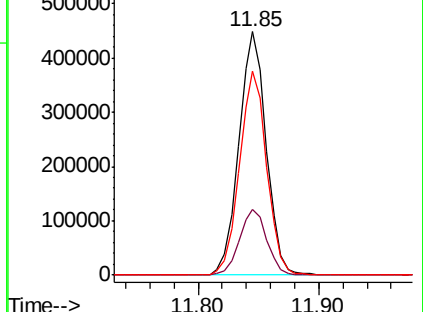
142 83.5 67.9 101.9

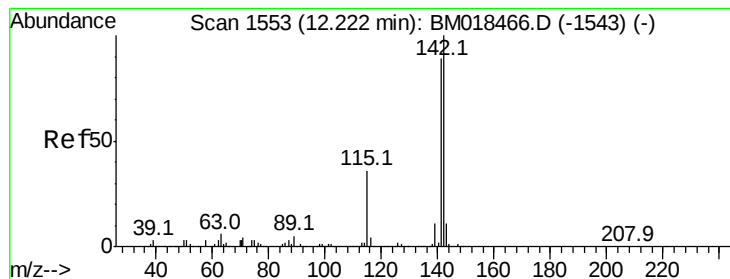


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.417 ng

RT: 12.21 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

Instrument :

BNA\_M

ClientSampleId :

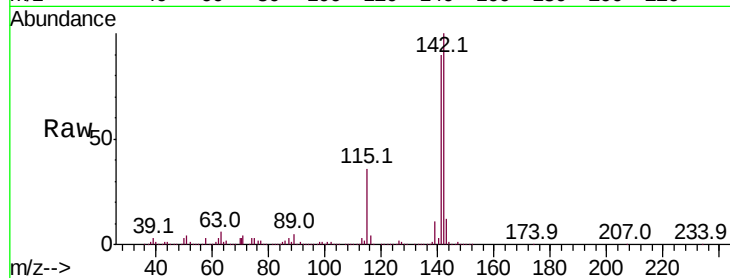
Tot Ion:142 Resp: 1492758

Ion Ratio Lower Upper

142 100

141 90.4 71.4 107.2

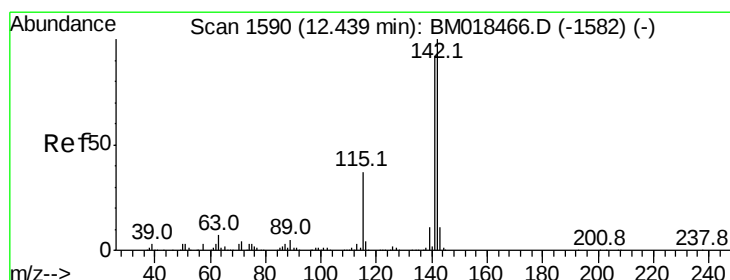
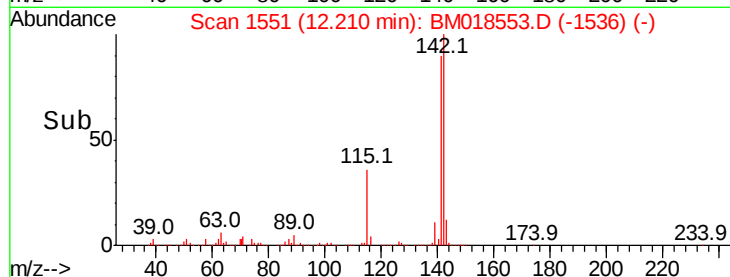
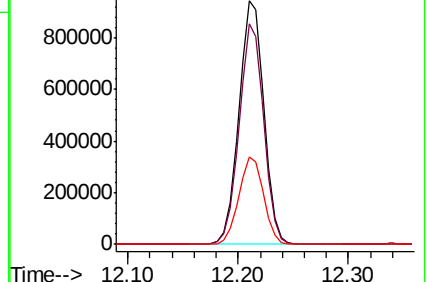
115 35.7 28.0 42.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 42.631 ng

RT: 12.43 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

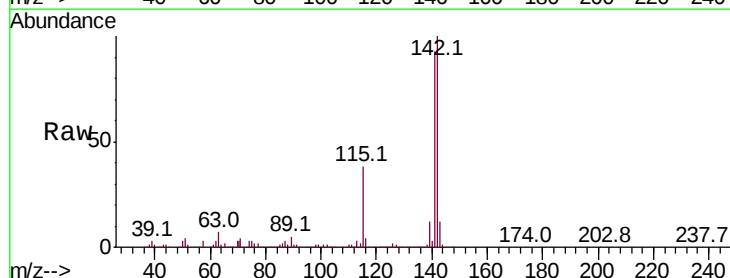
Tgt Ion:142 Resp: 1418226

Ion Ratio Lower Upper

142 100

141 93.1 75.6 113.4

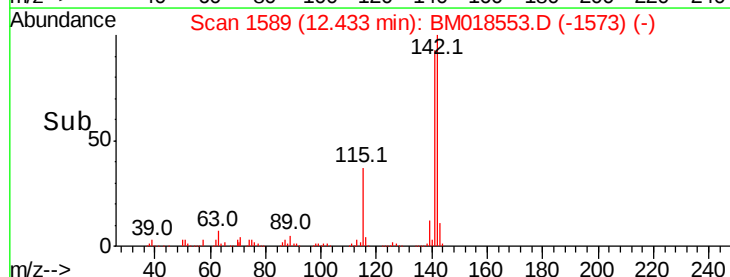
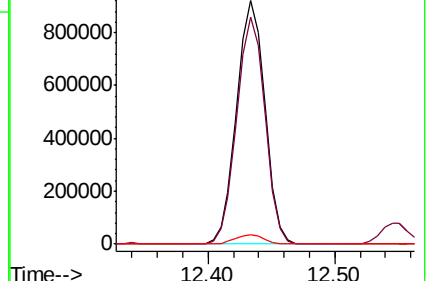
116 4.1 3.0 4.6

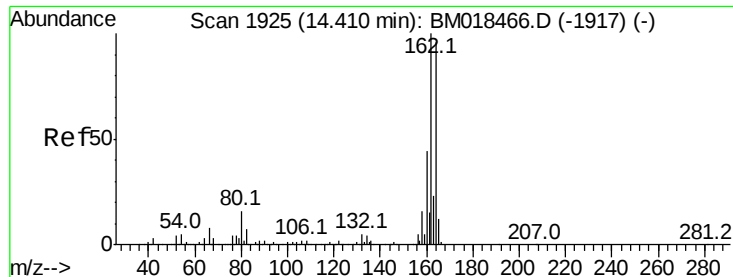


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

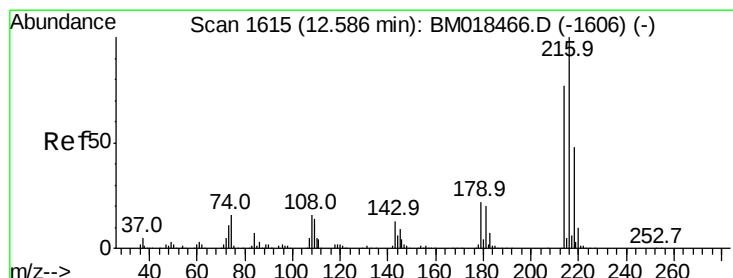
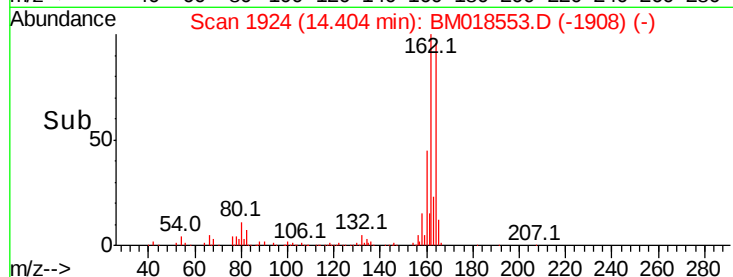
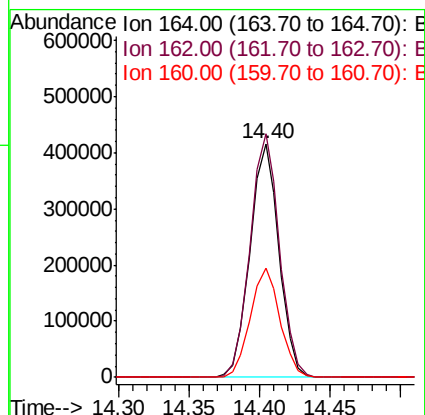
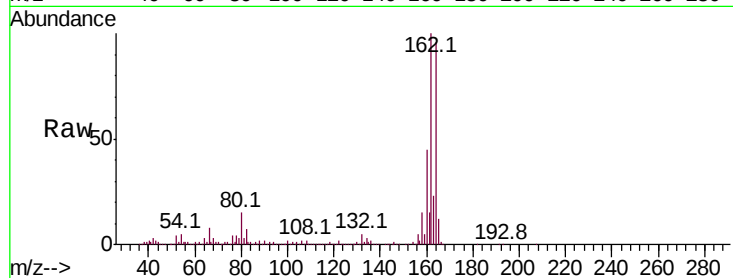




#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.40 min Scan# 1924  
 Delta R.T. -0.01 min  
 Lab File: BM018553.D  
 Acq: 14 Jan 2019 16:11

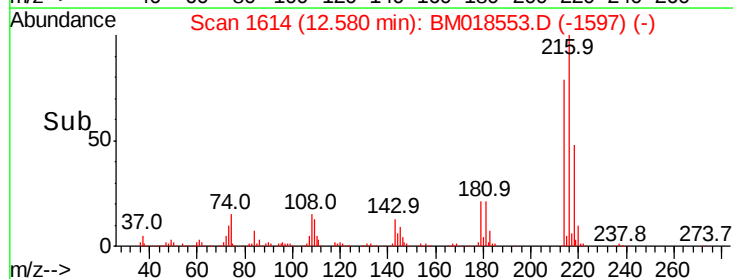
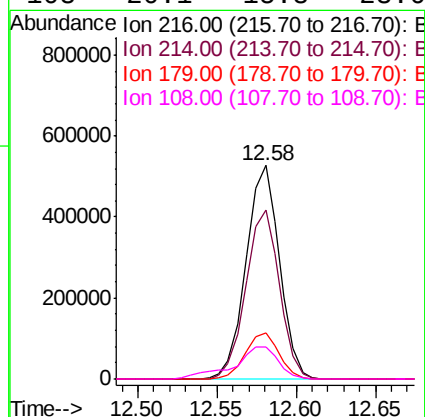
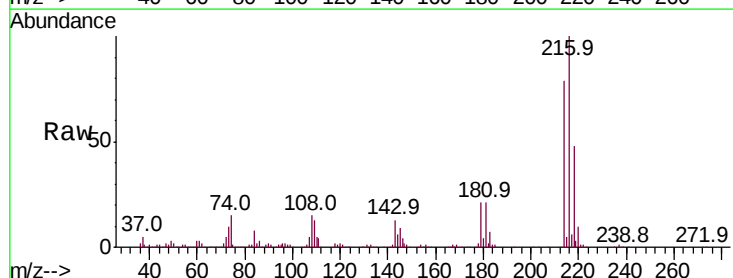
Instrument :  
 BNA\_M  
 ClientSampleID :

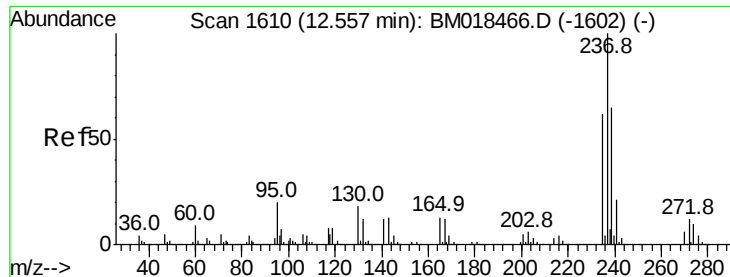
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 104.3 | 83.0  | 124.4 |
| 160     | 47.0  | 37.1  | 55.7  |



#40  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 36.892 ng  
 RT: 12.58 min Scan# 1614  
 Delta R.T. 0.00 min  
 Lab File: BM018553.D  
 Acq: 14 Jan 2019 16:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 79.3  | 63.4  | 95.0  |
| 179     | 21.5  | 17.9  | 26.9  |
| 108     | 20.1  | 15.8  | 23.6  |





#41

Hexachlorocyclopentadiene

Concen: 89.400 ng

RT: 12.55 min Scan# 1609

Delta R.T. -0.01 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

Instrument :

BNA\_M

ClientSampleId :

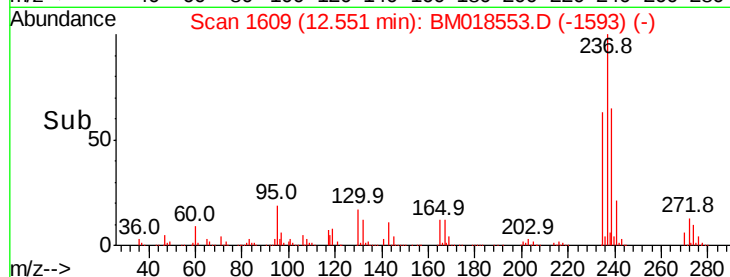
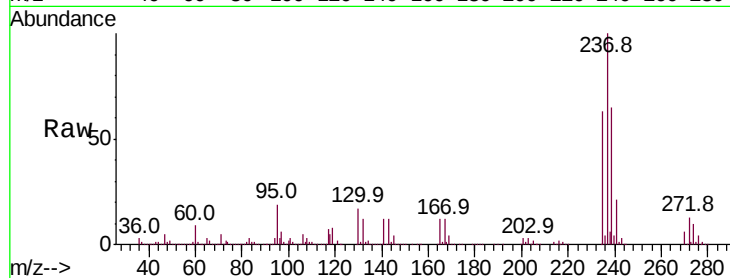
Tot Ion:237 Resp: 1026714

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 237 | 100   |       |       |
| 235 | 62.7  | 42.8  | 82.8  |
| 272 | 12.6  | 0.0   | 31.9  |

237 100

235 62.7 42.8 82.8

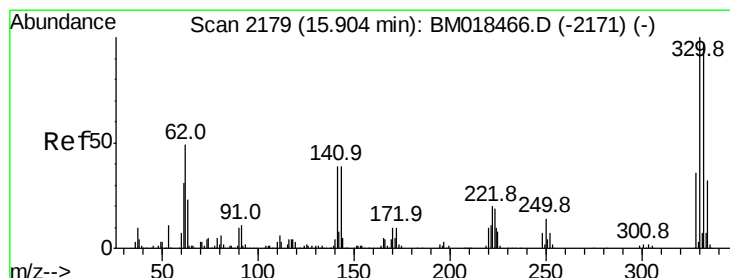
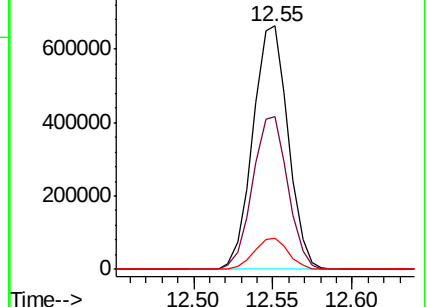
272 12.6 0.0 31.9



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: 154.017 ng

RT: 15.90 min Scan# 2178

Delta R.T. -0.01 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

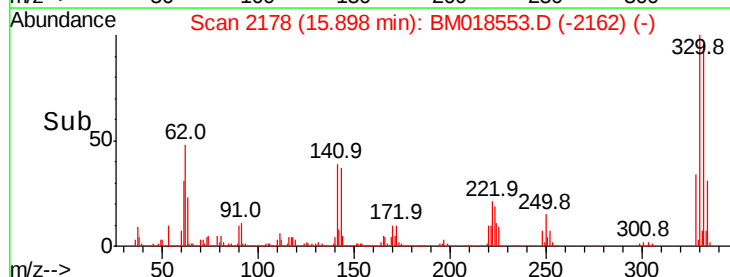
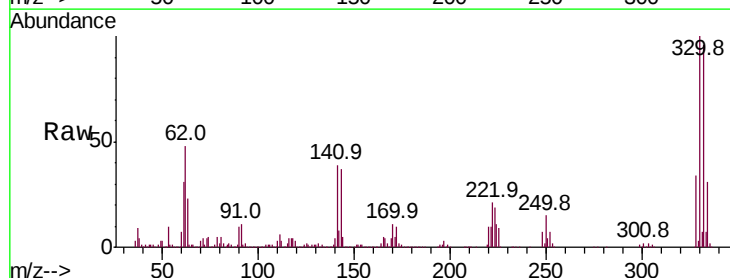
Tgt Ion:330 Resp: 1173482

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 330 | 100   |       |       |
| 332 | 96.2  | 77.6  | 116.4 |
| 141 | 38.6  | 31.7  | 47.5  |

330 100

332 96.2 77.6 116.4

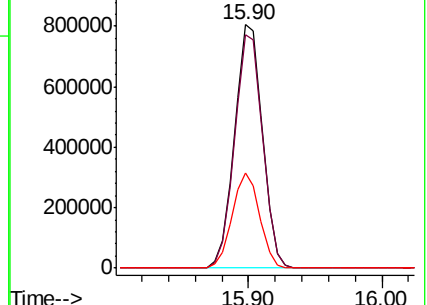
141 38.6 31.7 47.5

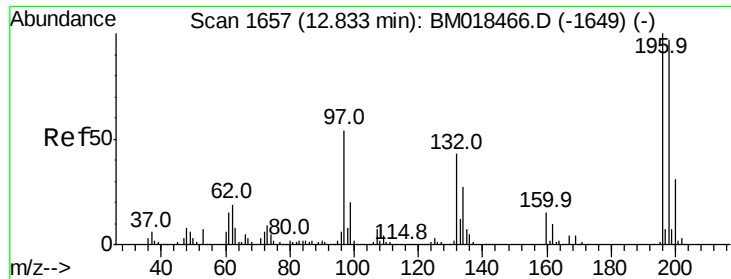


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

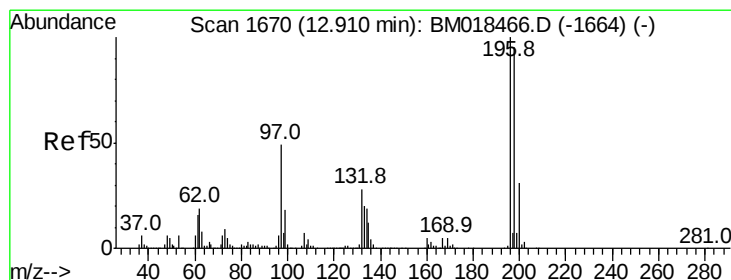
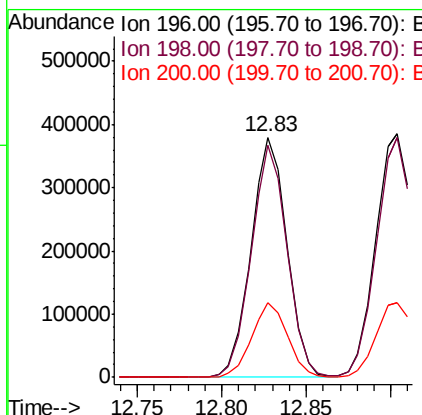
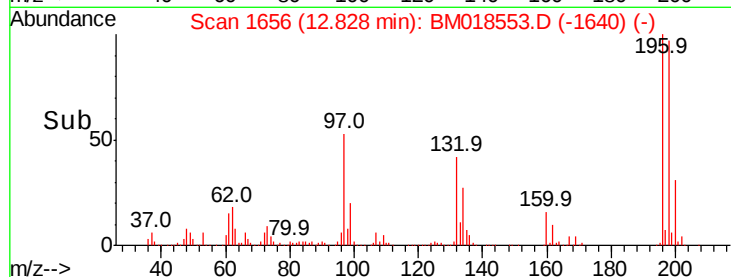
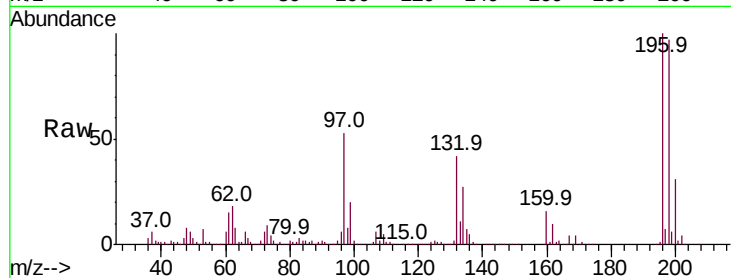




#43  
 2,4,6-Trichlorophenol  
 Concen: 43.991 ng  
 RT: 12.83 min Scan# 1656  
 Delta R.T. -0.01 min  
 Lab File: BM018553.D  
 Acq: 14 Jan 2019 16:11

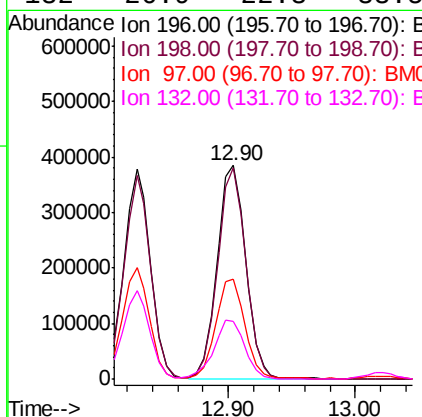
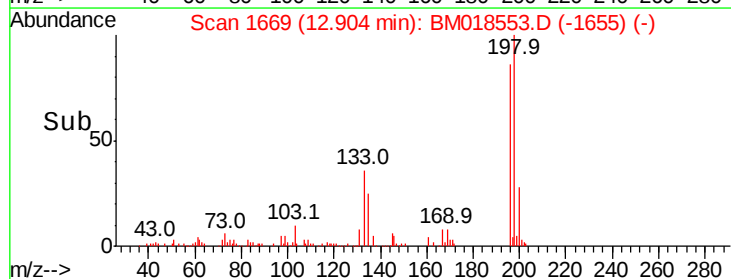
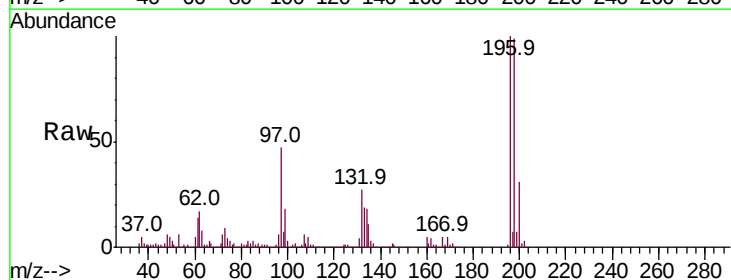
Instrument :  
 BNA\_M  
 ClientSampled :

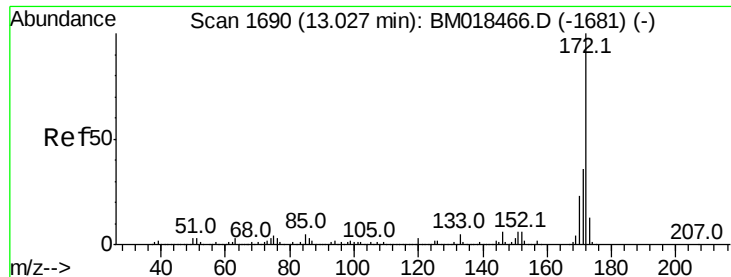
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 96.7  | 76.6  | 115.0 |
| 200     | 31.4  | 24.2  | 36.4  |



#44  
 2,4,5-Trichlorophenol  
 Concen: 45.373 ng  
 RT: 12.90 min Scan# 1669  
 Delta R.T. -0.02 min  
 Lab File: BM018553.D  
 Acq: 14 Jan 2019 16:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 98.6  | 76.7  | 115.1 |
| 97      | 46.9  | 39.2  | 58.8  |
| 132     | 26.9  | 22.3  | 33.5  |



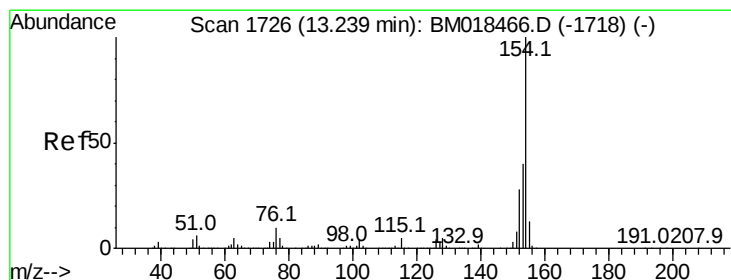
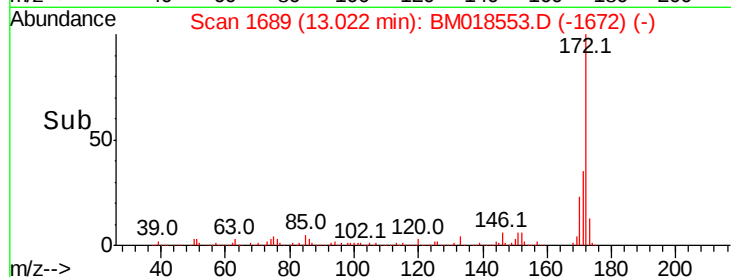
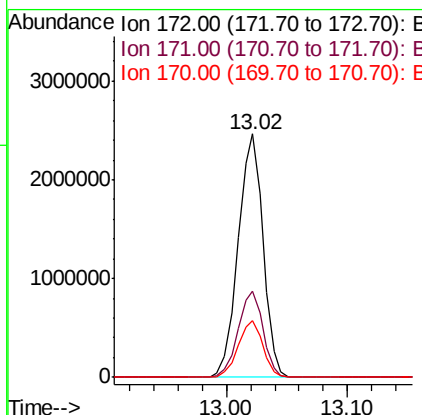
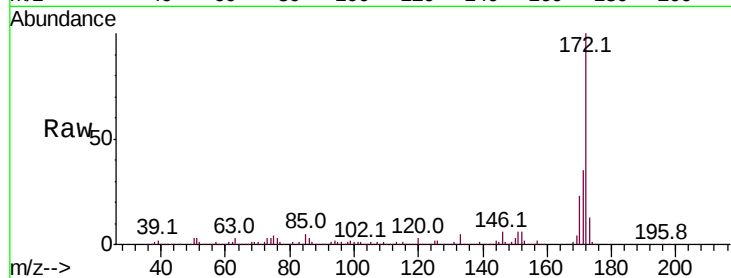


#45  
 2-Fluorobiphenyl  
 Concen: 77.114 ng  
 RT: 13.02 min Scan# 1689  
 Delta R.T. 0.00 min  
 Lab File: BM018553.D  
 Acq: 14 Jan 2019 16:11

Instrument :  
 BNA\_M  
 ClientSampleId :

Tot Ion:172 Resp: 3536298  

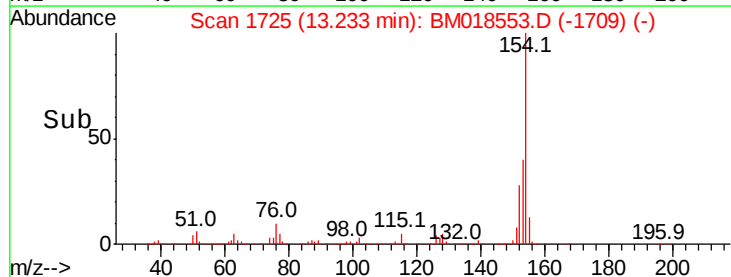
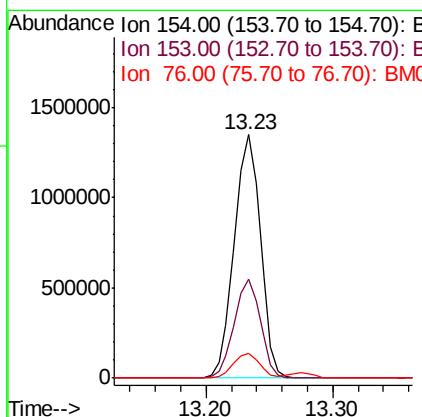
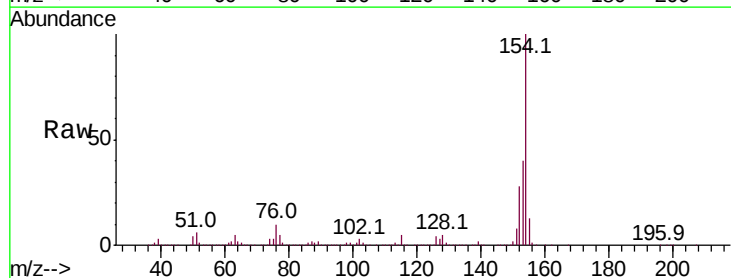
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 35.3  | 28.2  | 42.4  |
| 170 | 23.3  | 18.9  | 28.3  |

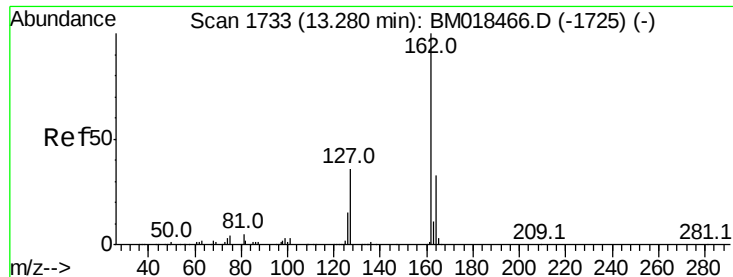


#46  
 1,1'-Biphenyl  
 Concen: 36.849 ng  
 RT: 13.23 min Scan# 1725  
 Delta R.T. -0.01 min  
 Lab File: BM018553.D  
 Acq: 14 Jan 2019 16:11

Tgt Ion:154 Resp: 1925287  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 40.4  | 20.5  | 60.5  |
| 76  | 9.9   | 0.0   | 31.9  |





#47

2-Chloronaphthalene

Concen: 36.945 ng

RT: 13.27 min Scan# 1732

Delta R.T. -0.01 min

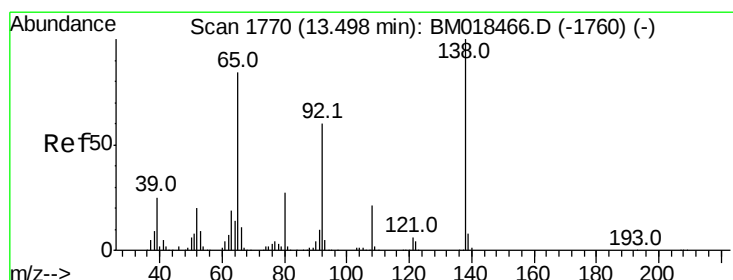
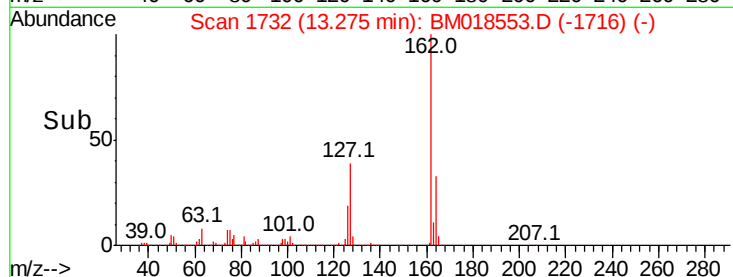
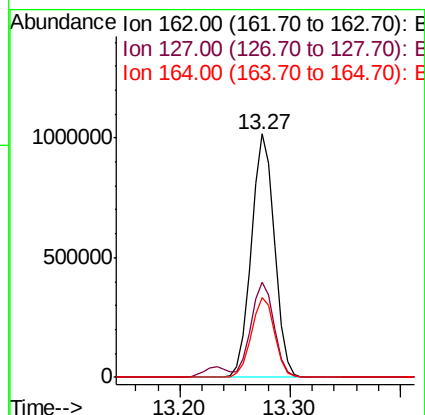
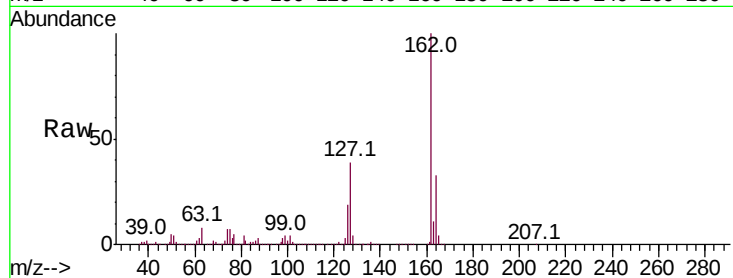
Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

Instrument :  
BNA\_M  
ClientSampled :

Tot Ion:162 Resp: 1496865

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 162 | 100   |       |       |
| 127 | 39.3  | 31.4  | 47.0  |
| 164 | 32.7  | 26.2  | 39.4  |



#48

2-Nitroaniline

Concen: 42.922 ng

RT: 13.49 min Scan# 1769

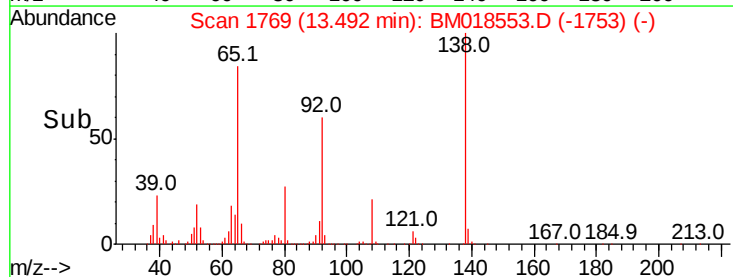
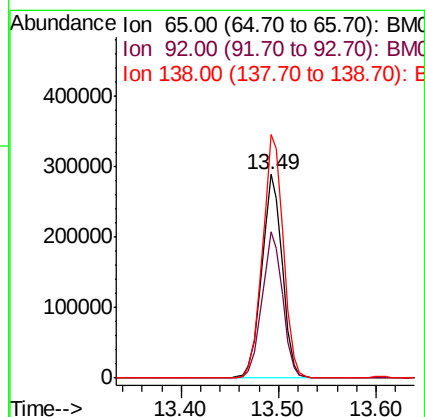
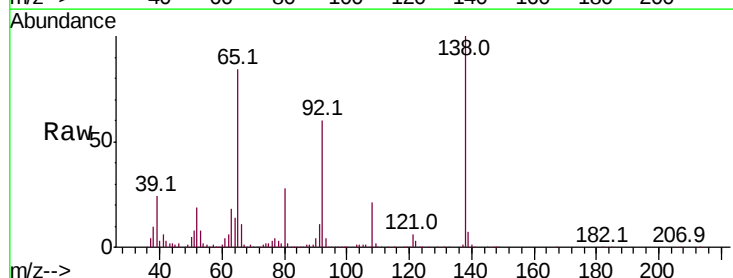
Delta R.T. -0.01 min

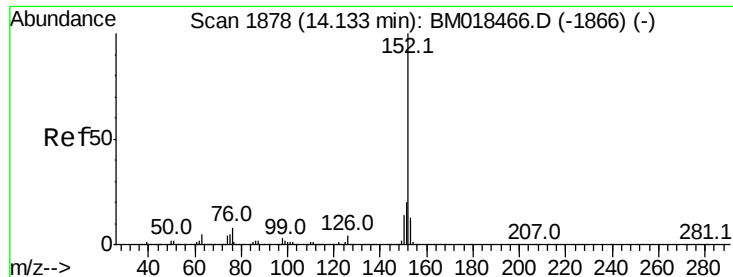
Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

Tgt Ion: 65 Resp: 427847

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 92  | 71.7  | 53.4  | 80.2  |
| 138 | 119.4 | 88.9  | 133.3 |





#49

Acenaphthylene

Concen: 41.762 ng

RT: 14.13 min Scan# 1877

Delta R.T. 0.00 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

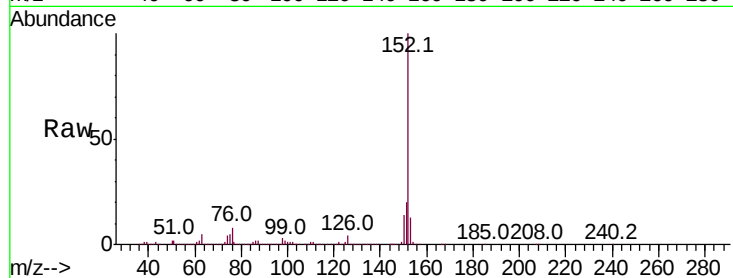
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:152 Resp: 2465867

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 19.9  | 15.7  | 23.5  |
| 153 | 13.2  | 10.5  | 15.7  |

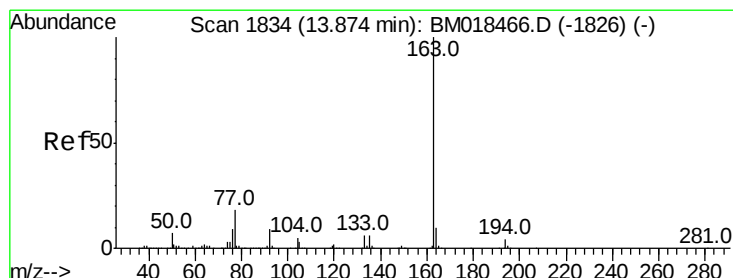
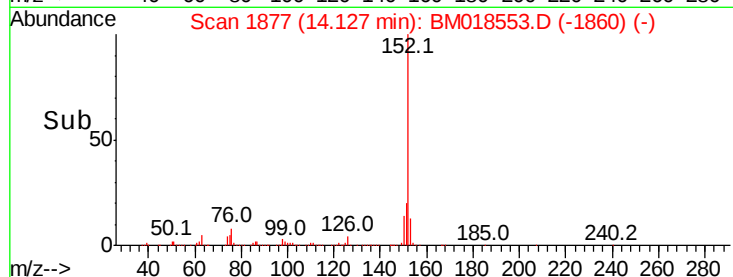
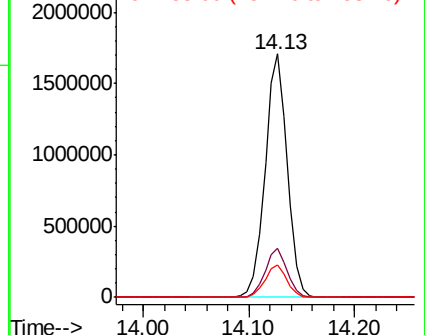


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.029 ng

RT: 13.87 min Scan# 1833

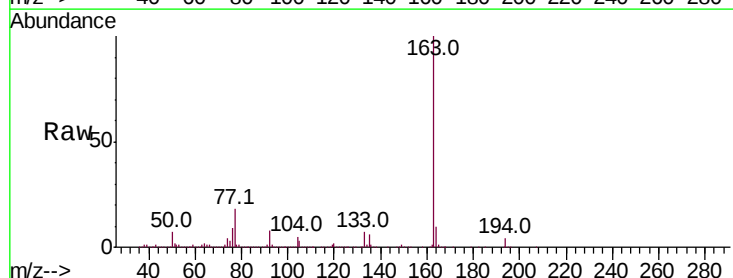
Delta R.T. 0.00 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

Tgt Ion:163 Resp: 1967168

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.1   | 3.0   | 4.6   |
| 164 | 10.2  | 7.8   | 11.8  |

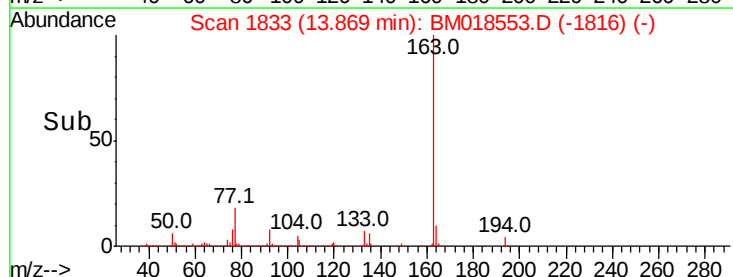
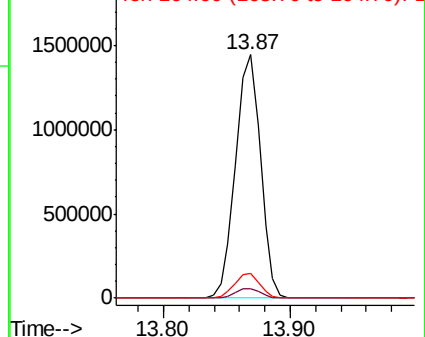


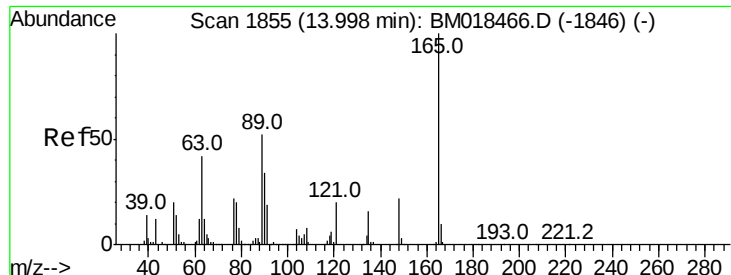
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

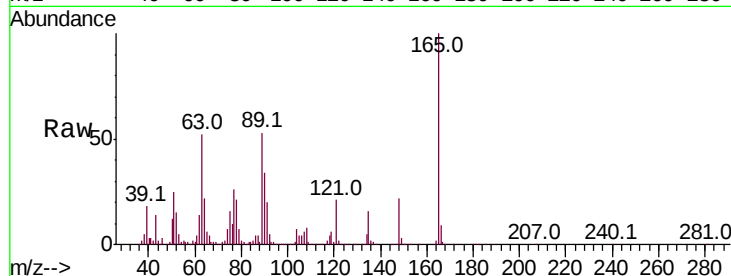




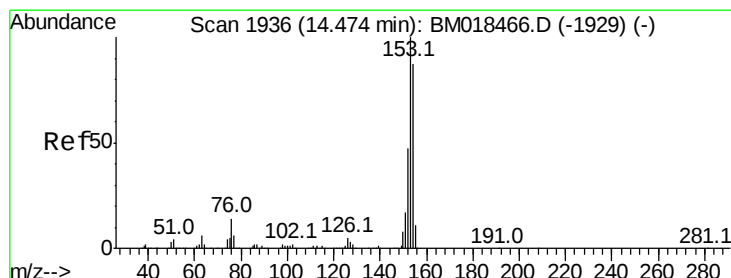
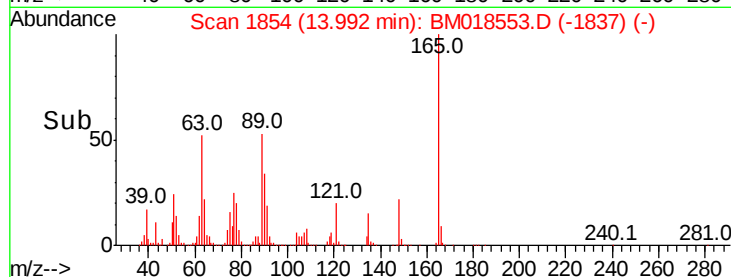
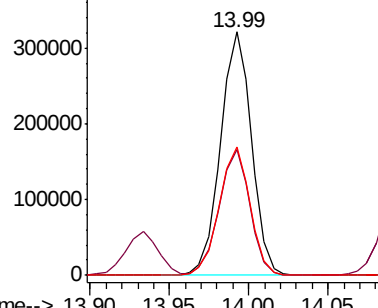
#51  
2,6-Dinitrotoluene  
Concen: 41.984 ng  
RT: 13.99 min Scan# 1854  
Delta R.T. 0.00 min  
Lab File: BM018553.D  
Acq: 14 Jan 2019 16:11

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:165 Resp: 437044  
Ion Ratio Lower Upper  
165 100  
63 51.8 45.6 68.4  
89 53.0 44.6 66.8

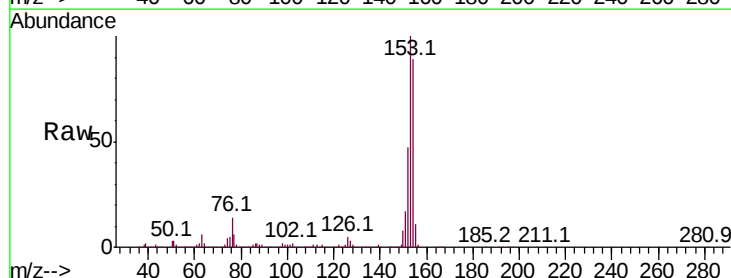


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BM  
Ion 89.00 (88.70 to 89.70): BM

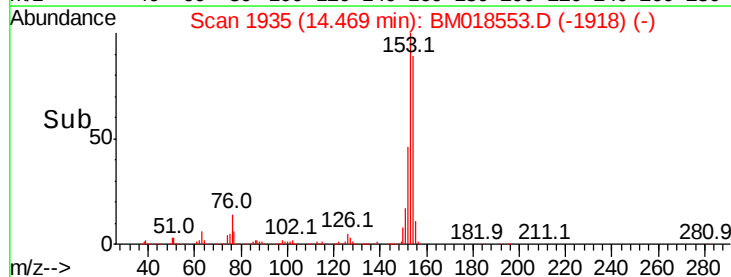
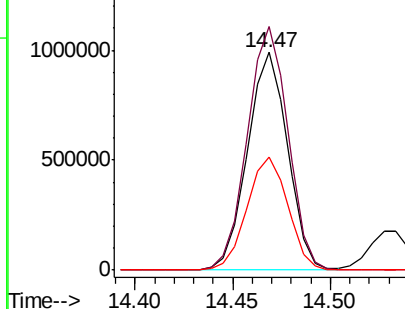


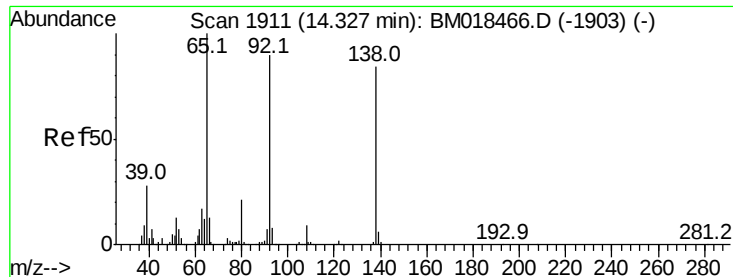
#52  
Acenaphthene  
Concen: 39.052 ng  
RT: 14.47 min Scan# 1935  
Delta R.T. 0.00 min  
Lab File: BM018553.D  
Acq: 14 Jan 2019 16:11

Tgt Ion:154 Resp: 1410849  
Ion Ratio Lower Upper  
154 100  
153 112.0 92.3 138.5  
152 52.1 43.8 65.6



Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E

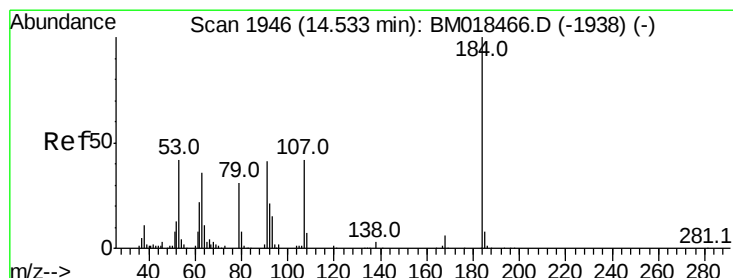
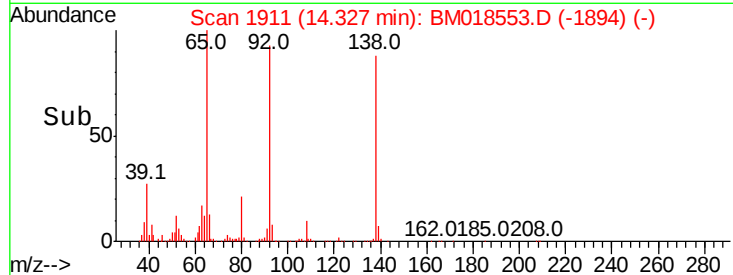
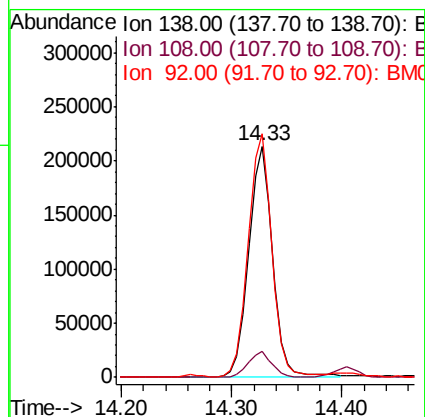
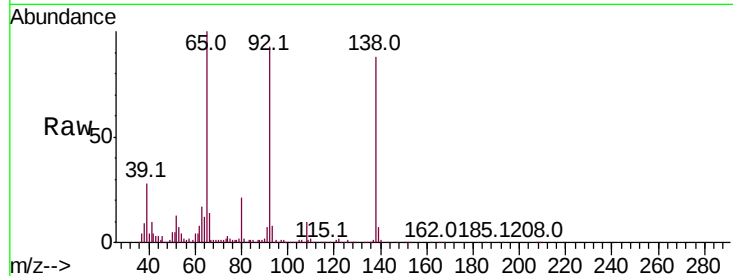




#53  
3-Nitroaniline  
Concen: 31.029 ng  
RT: 14.33 min Scan# 1911  
Delta R.T. 0.00 min  
Lab File: BM018553.D  
Acq: 14 Jan 2019 16:11

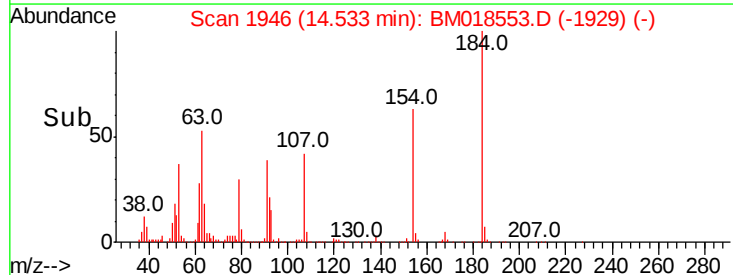
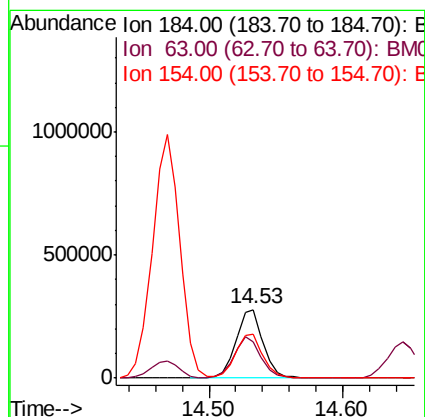
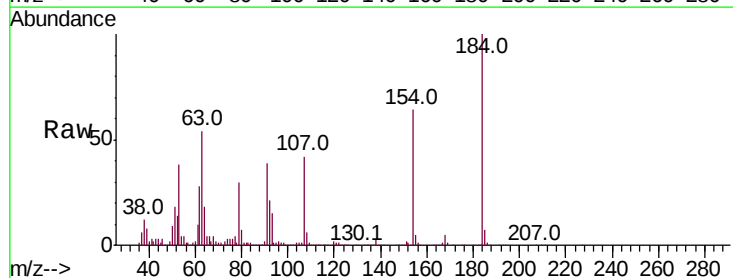
Instrument :  
BNA\_M  
ClientSampleId :

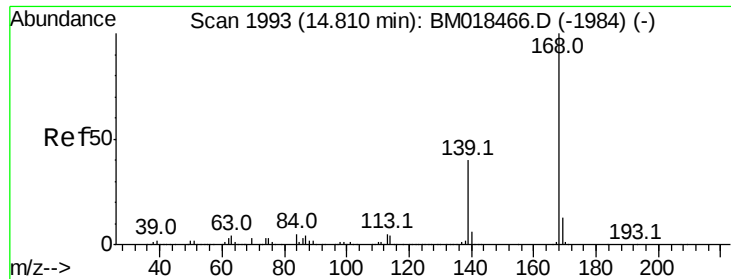
Tot Ion:138 Resp: 325641  
Ion Ratio Lower Upper  
138 100  
108 11.2 9.1 13.7  
92 105.4 88.2 132.2



#54  
2,4-Dinitrophenol  
Concen: 70.747 ng  
RT: 14.53 min Scan# 1946  
Delta R.T. 0.00 min  
Lab File: BM018553.D  
Acq: 14 Jan 2019 16:11

Tgt Ion:184 Resp: 393525  
Ion Ratio Lower Upper  
184 100  
63 53.6 55.9 83.9#  
154 63.9 54.2 81.4

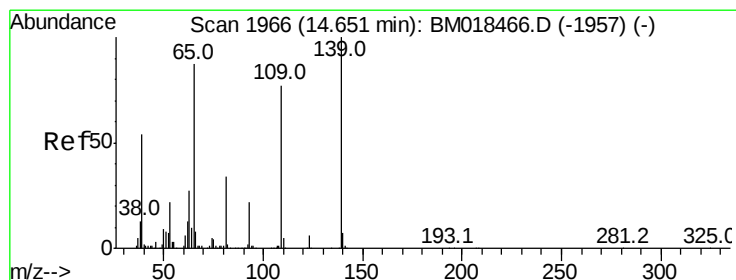
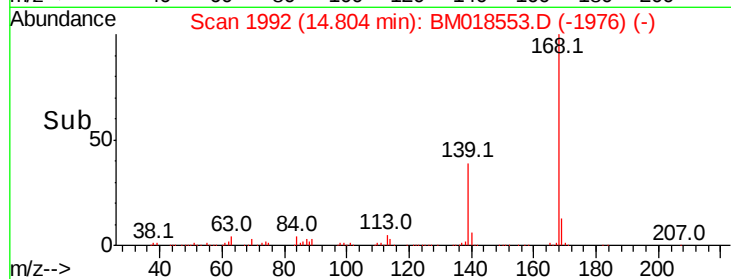
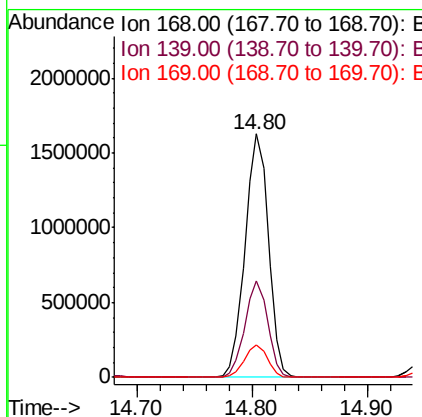
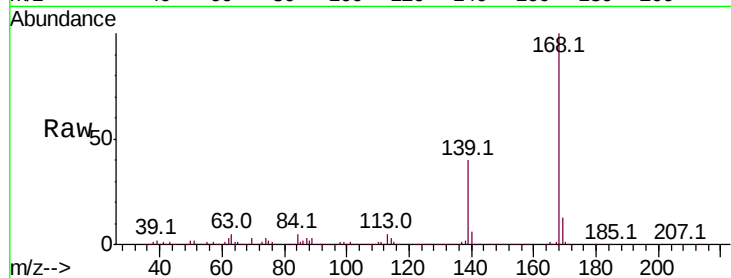




#55  
Dibenzenofuran  
Concen: 38.341 ng  
RT: 14.80 min Scan# 1992  
Delta R.T. -0.01 min  
Lab File: BM018553.D  
Acq: 14 Jan 2019 16:11

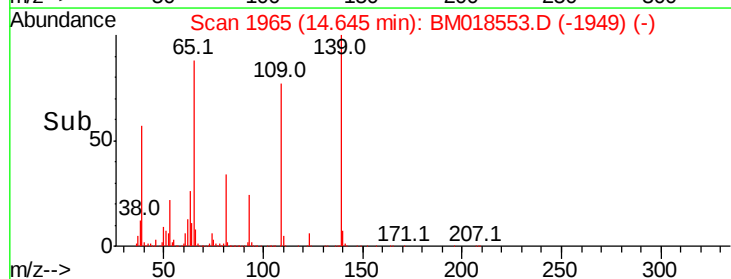
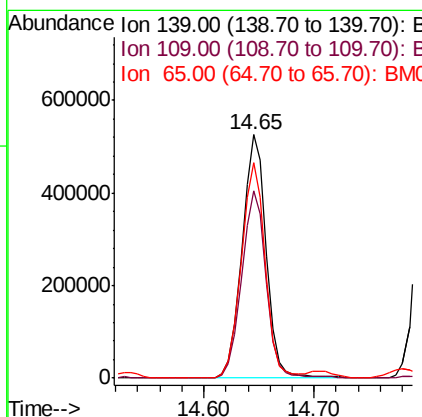
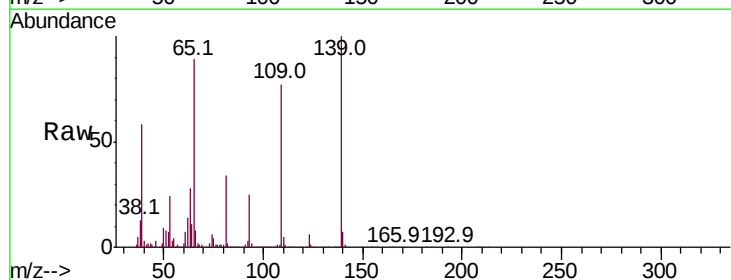
Instrument :  
BNA\_M  
ClientSampled :

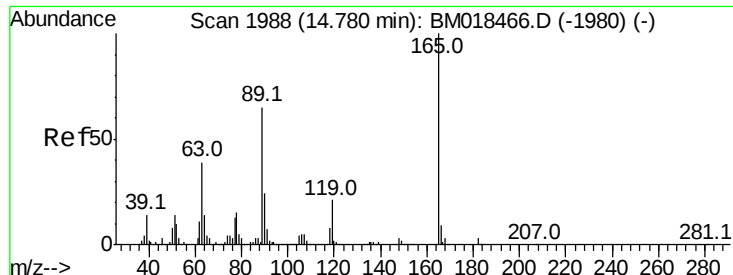
Tot Ion:168 Resp: 2288669  
Ion Ratio Lower Upper  
168 100  
139 39.5 30.3 45.5  
169 13.1 10.6 16.0



#56  
4-Nitrophenol  
Concen: 89.206 ng  
RT: 14.65 min Scan# 1965  
Delta R.T. -0.01 min  
Lab File: BM018553.D  
Acq: 14 Jan 2019 16:11

Tgt Ion:139 Resp: 808783  
Ion Ratio Lower Upper  
139 100  
109 76.7 51.7 91.7  
65 88.7 71.4 111.4

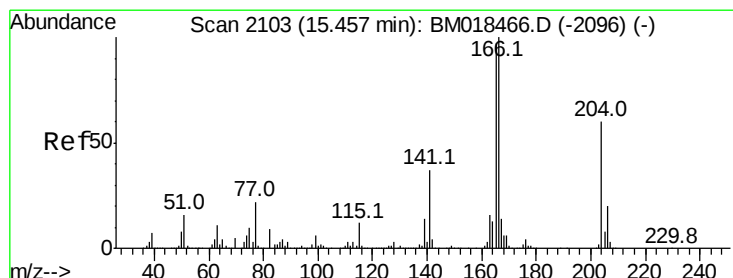
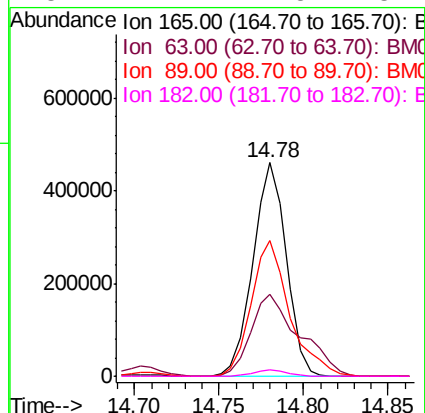
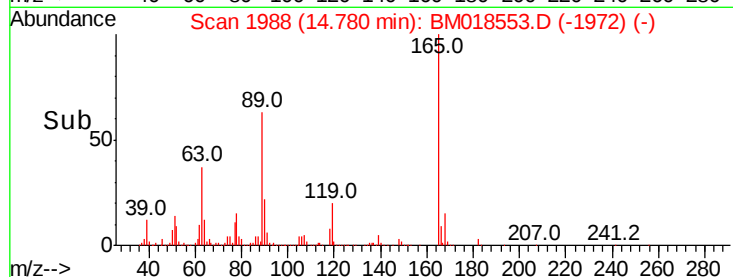
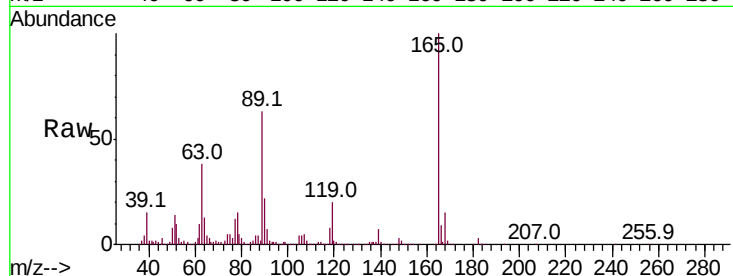




#57  
2,4-Dinitrotoluene  
Concen: 42.686 ng  
RT: 14.78 min Scan# 1988  
Delta R.T. -0.01 min  
Lab File: BM018553.D  
Acq: 14 Jan 2019 16:11

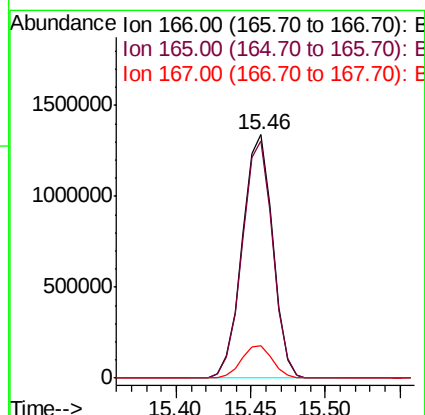
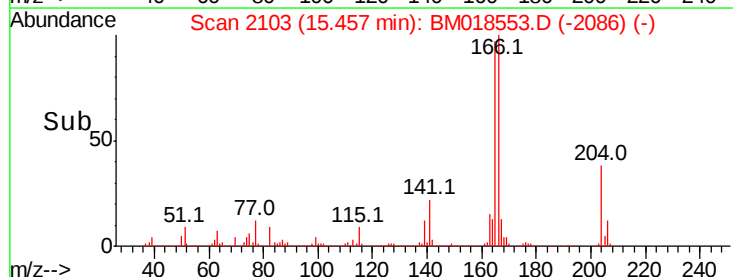
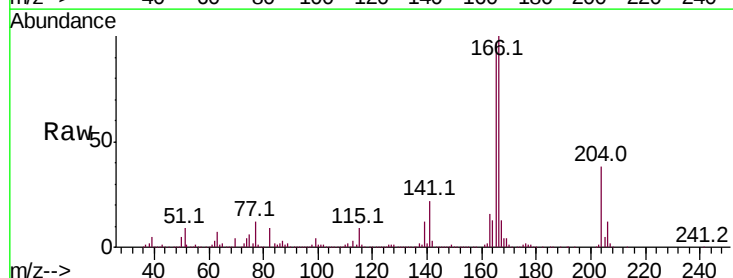
Instrument :  
BNA\_M  
ClientSampleId :

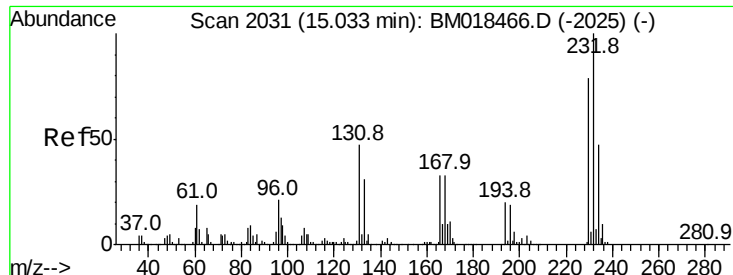
Tot Ion:165 Resp: 628713  
Ion Ratio Lower Upper  
165 100  
63 38.3 32.2 48.2  
89 63.5 52.1 78.1  
182 2.7 2.5 3.7



#58  
Fluorene  
Concen: 42.501 ng  
RT: 15.46 min Scan# 2103  
Delta R.T. 0.00 min  
Lab File: BM018553.D  
Acq: 14 Jan 2019 16:11

Tgt Ion:166 Resp: 1889884  
Ion Ratio Lower Upper  
166 100  
165 97.5 78.3 117.5  
167 13.3 10.9 16.3

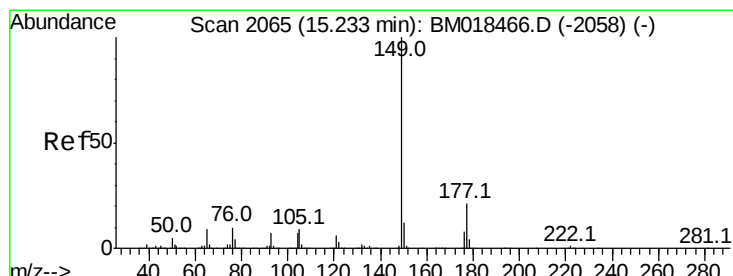
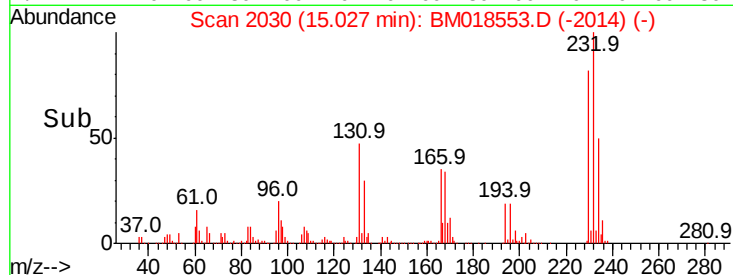
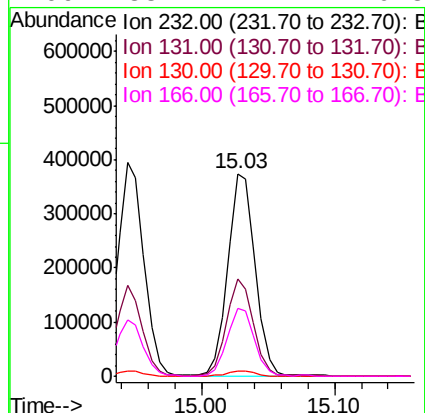
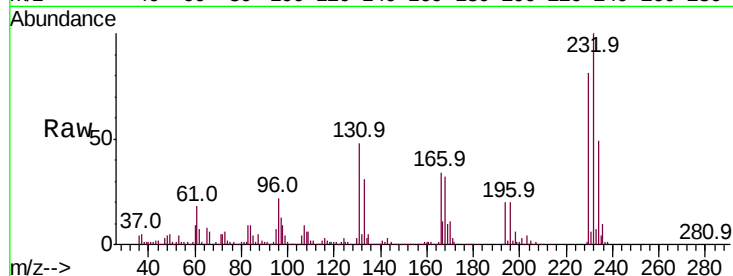




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 45.294 ng  
 RT: 15.03 min Scan# 2030  
 Delta R.T. -0.01 min  
 Lab File: BM018553.D  
 Acq: 14 Jan 2019 16:11

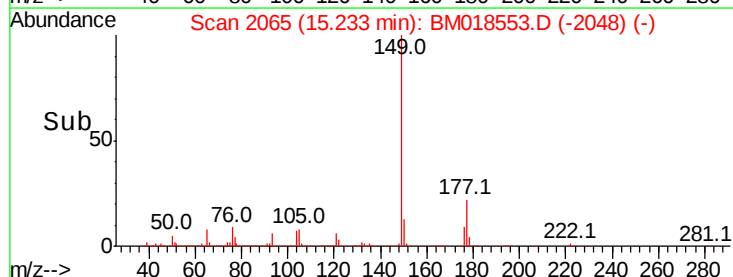
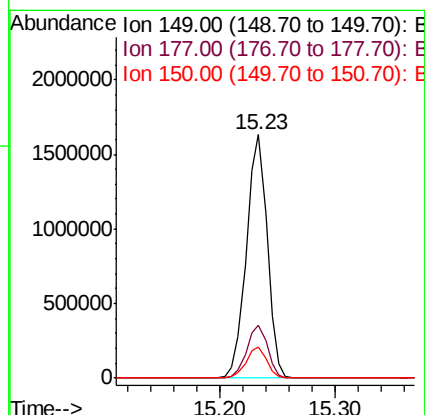
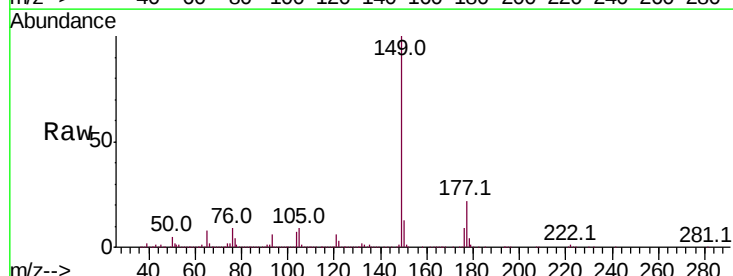
Instrument :  
 BNA\_M  
 ClientSampleId :

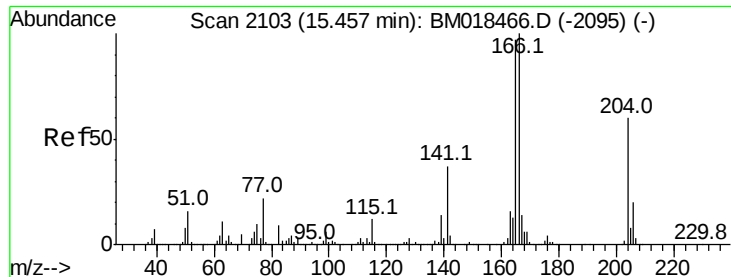
Tot Ion:232 Resp: 536542  
 Ion Ratio Lower Upper  
 232 100  
 131 46.8 38.6 57.8  
 130 2.8 2.2 3.4  
 166 33.4 27.2 40.8



#60  
 Diethylphthalate  
 Concen: 41.034 ng  
 RT: 15.23 min Scan# 2065  
 Delta R.T. 0.00 min  
 Lab File: BM018553.D  
 Acq: 14 Jan 2019 16:11

Tgt Ion:149 Resp: 2035751  
 Ion Ratio Lower Upper  
 149 100  
 177 21.7 17.1 25.7  
 150 12.6 9.8 14.6

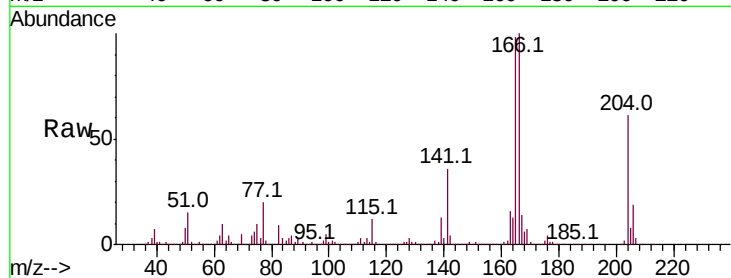




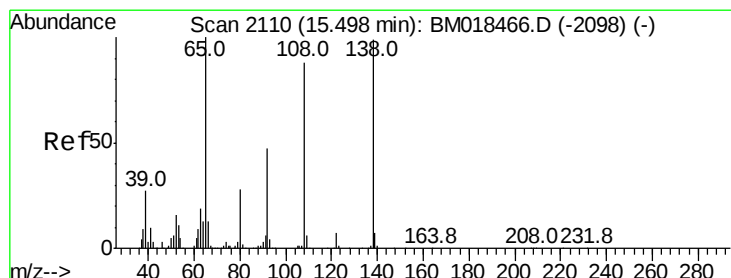
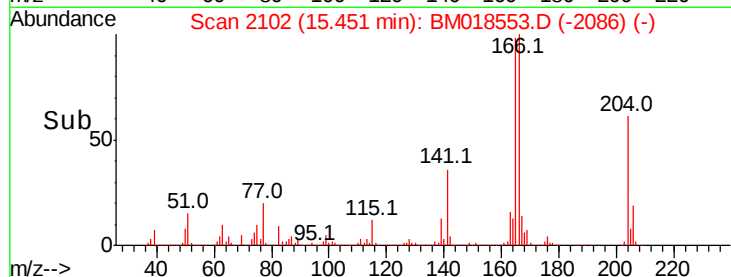
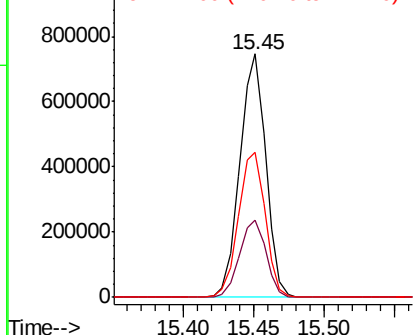
#61  
4-Chlorophenyl-phenylether  
Concen: 37.395 ng  
RT: 15.45 min Scan# 2102  
Delta R.T. -0.01 min  
Lab File: BM018553.D  
Acq: 14 Jan 2019 16:11

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:204 Resp: 958378  
Ion Ratio Lower Upper  
204 100  
206 31.9 25.8 38.6  
141 59.6 49.5 74.3

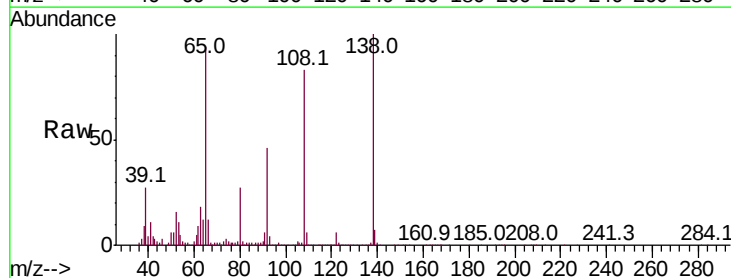


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

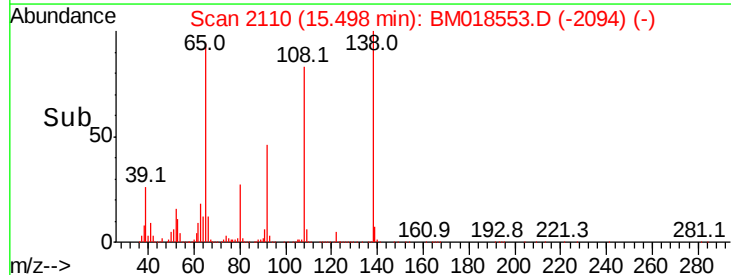
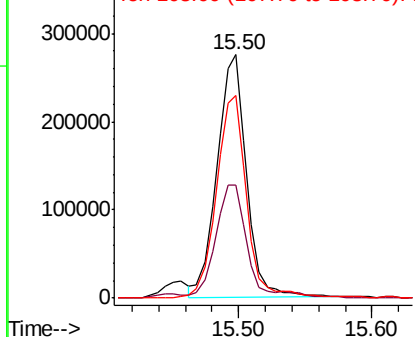


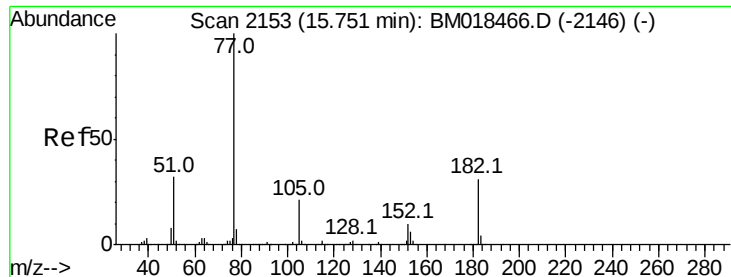
#62  
4-Nitroaniline  
Concen: 36.966 ng  
RT: 15.50 min Scan# 2110  
Delta R.T. -0.01 min  
Lab File: BM018553.D  
Acq: 14 Jan 2019 16:11

Tgt Ion:138 Resp: 423158  
Ion Ratio Lower Upper  
138 100  
92 46.3 29.0 69.0  
108 83.4 63.9 103.9



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: 39.433 ng

RT: 15.74 min Scan# 2152

Delta R.T. 0.00 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

Instrument :

BNA\_M

ClientSampleId :

Tot Ion: 77 Resp: 1595016

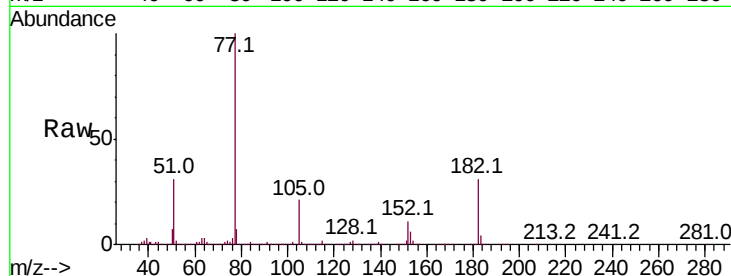
Ion Ratio Lower Upper

77 100

182 30.6 7.4 47.4

105 21.2 0.0 39.6

51 31.1 12.0 52.0

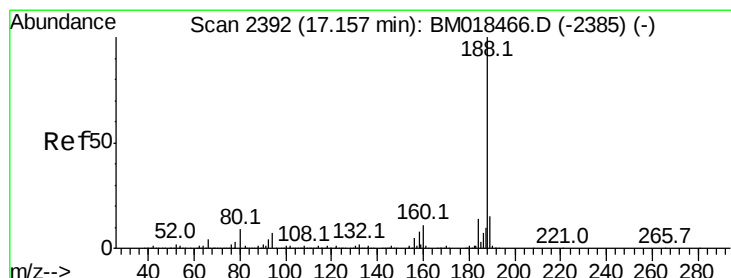
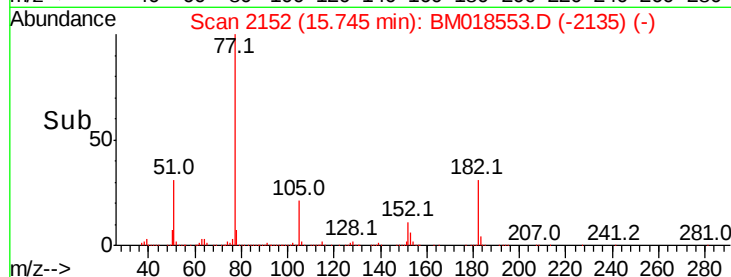
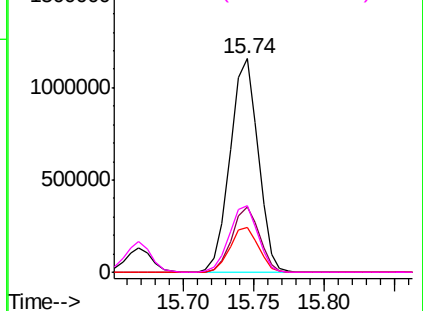


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.15 min Scan# 2391

Delta R.T. -0.01 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

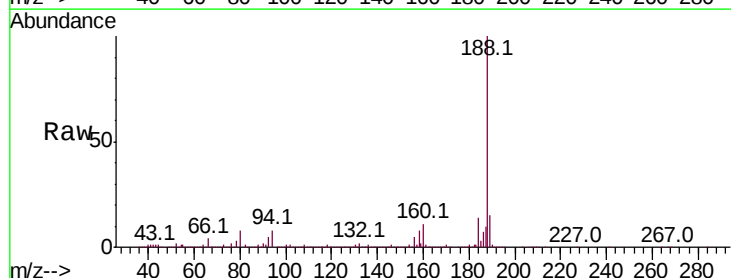
Tgt Ion: 188 Resp: 1404431

Ion Ratio Lower Upper

188 100

94 7.7 7.1 10.7

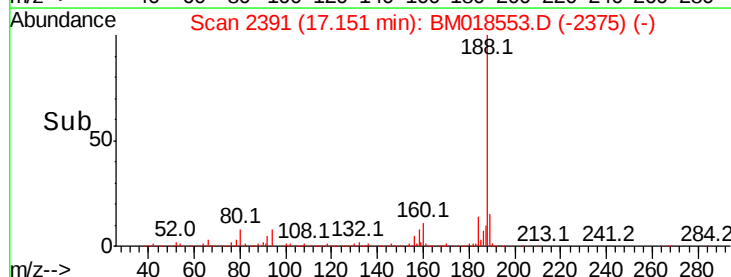
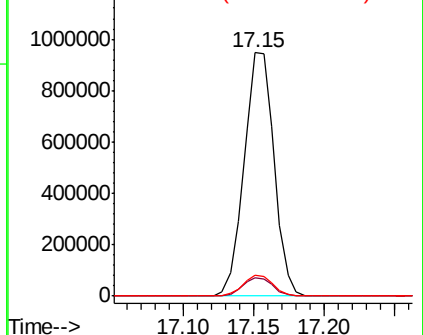
80 8.4 7.6 11.4

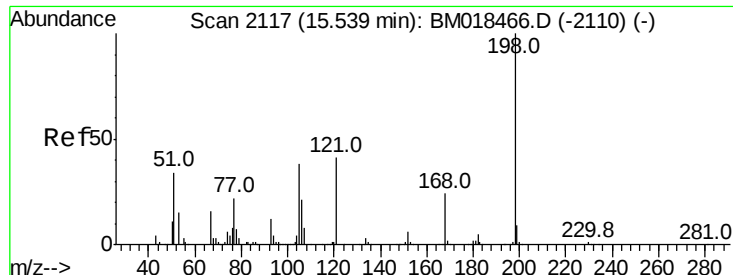


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#65

4,6-Dinitro-2-methylphenol

Concen: 35.788 ng

RT: 15.54 min Scan# 2117

Delta R.T. -0.00 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

Instrument :

BNA\_M

ClientSampleId :

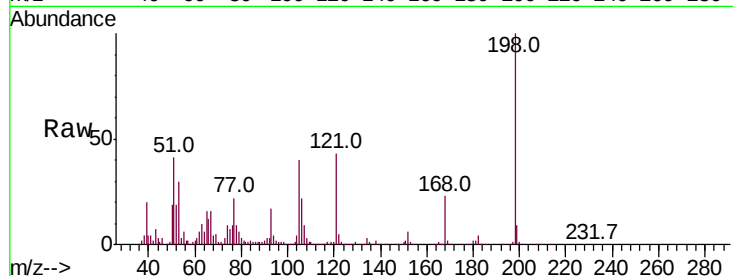
Tot Ion:198 Resp: 306525

Ion Ratio Lower Upper

198 100

51 40.8 29.6 69.6

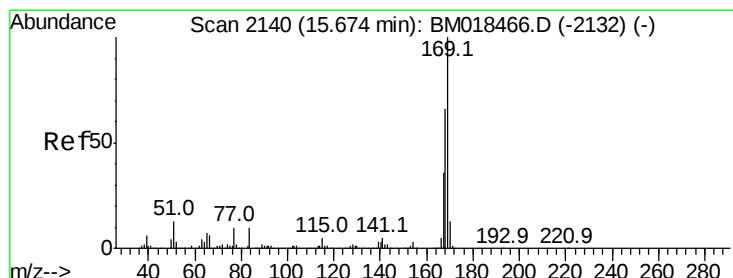
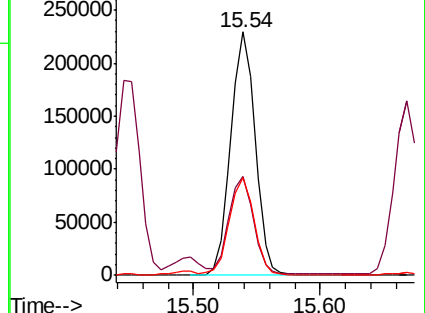
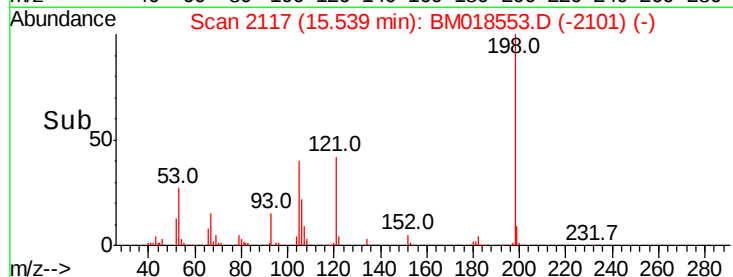
105 40.3 25.5 65.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.639 ng

RT: 15.67 min Scan# 2139

Delta R.T. -0.01 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

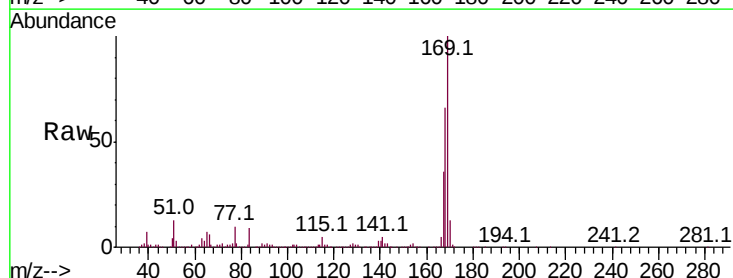
Tgt Ion:169 Resp: 1683283

Ion Ratio Lower Upper

169 100

168 66.0 54.1 81.1

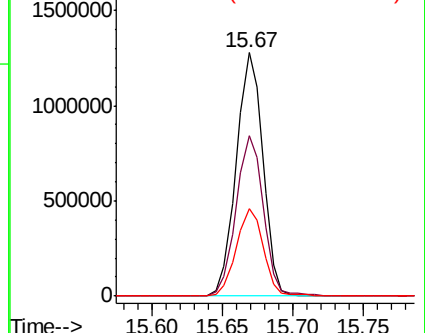
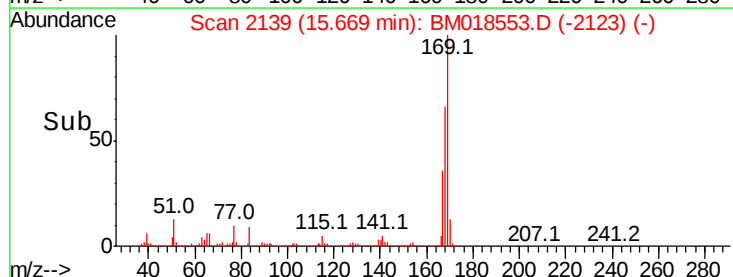
167 36.1 28.6 42.8

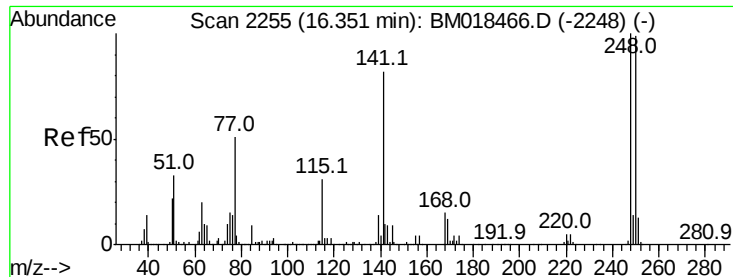


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

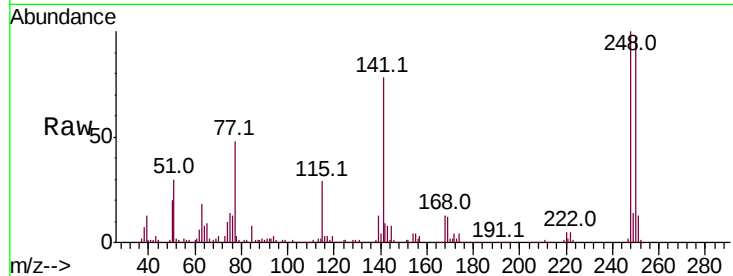




#67  
 4-Bromophenyl-phenylether  
 Concen: 37.968 ng  
 RT: 16.34 min Scan# 2254  
 Delta R.T. -0.01 min  
 Lab File: BM018553.D  
 Acq: 14 Jan 2019 16:11

Instrument :  
 BNA\_M  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 96.8  | 76.0  | 114.0 |
| 141     | 78.0  | 61.5  | 92.3  |

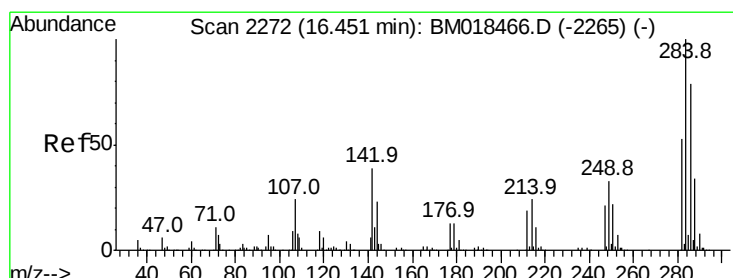
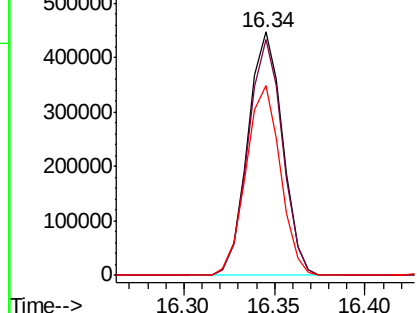
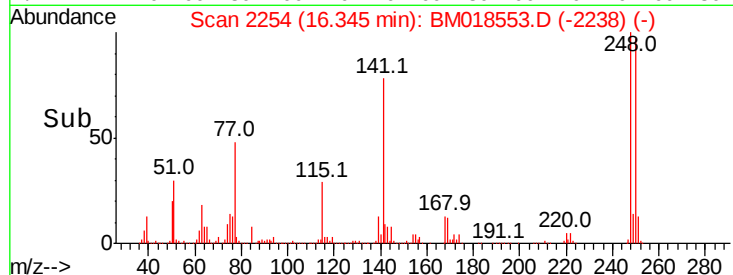


Abundance

Ion 248.00 (247.70 to 248.70): E

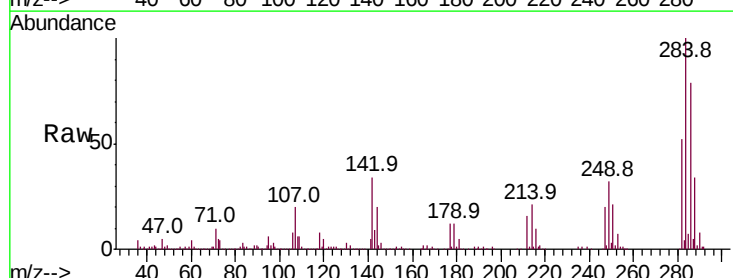
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
 Hexachlorobenzene  
 Concen: 36.920 ng  
 RT: 16.45 min Scan# 2272  
 Delta R.T. 0.00 min  
 Lab File: BM018553.D  
 Acq: 14 Jan 2019 16:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 33.8  | 29.2  | 43.8  |
| 249     | 32.5  | 26.1  | 39.1  |

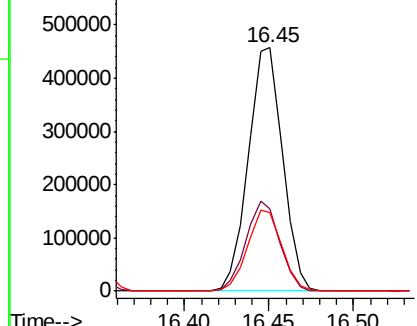
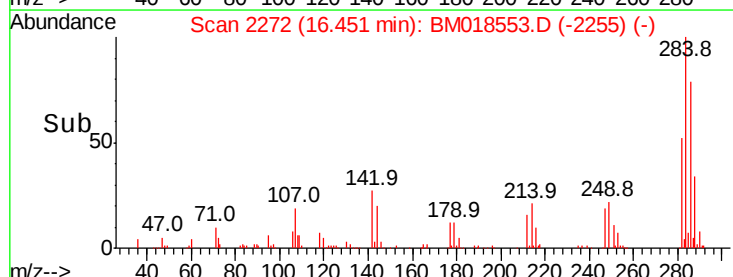


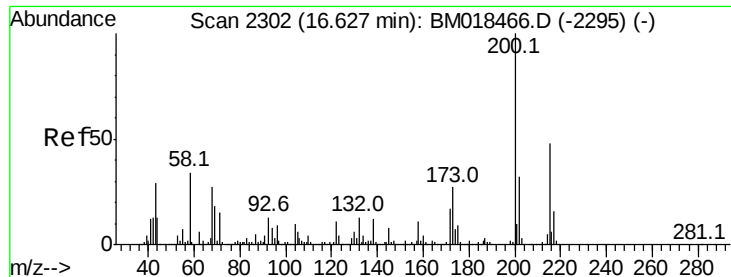
Abundance

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

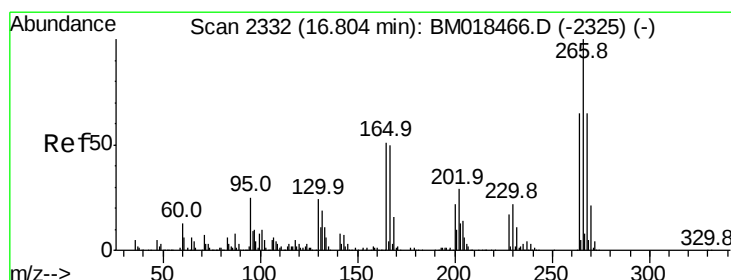
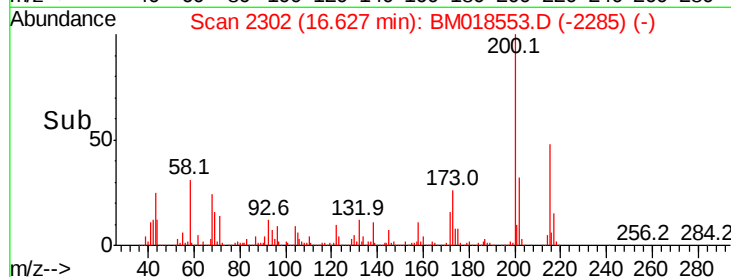
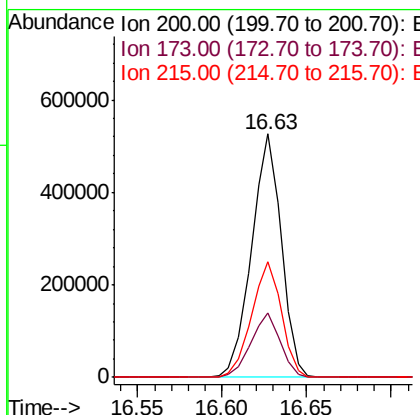
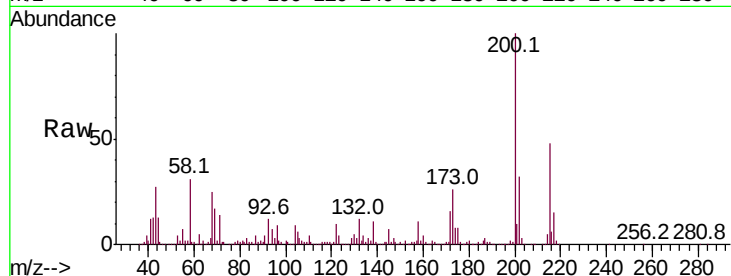




#69  
Atrazine  
Concen: 41.099 ng  
RT: 16.63 min Scan# 2302  
Delta R.T. 0.00 min  
Lab File: BM018553.D  
Acq: 14 Jan 2019 16:11

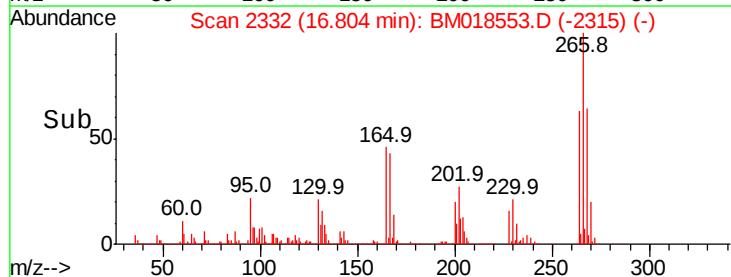
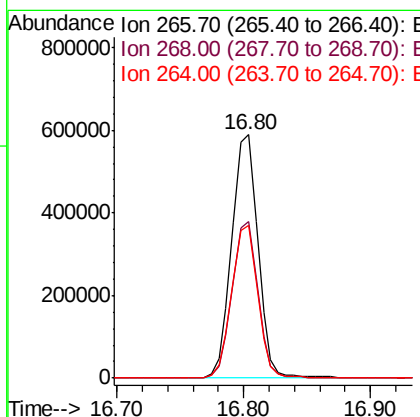
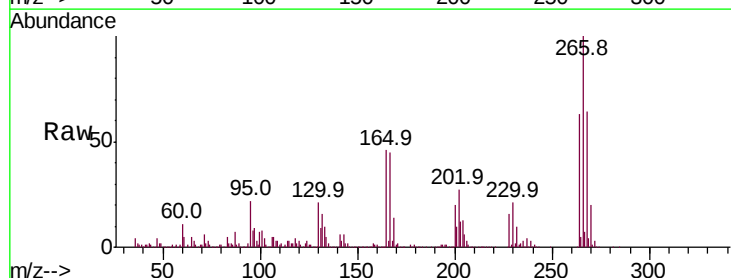
Instrument :  
BNA\_M  
ClientSampleId :

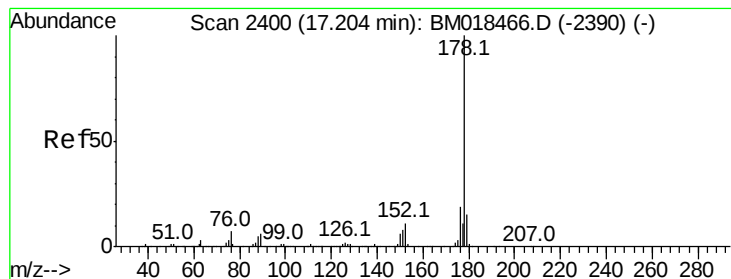
Tot Ion:200 Resp: 647289  
Ion Ratio Lower Upper  
200 100  
173 26.3 7.2 47.2  
215 47.5 28.3 68.3



#70  
Pentachlorophenol  
Concen: 73.251 ng  
RT: 16.80 min Scan# 2332  
Delta R.T. 0.00 min  
Lab File: BM018553.D  
Acq: 14 Jan 2019 16:11

Tgt Ion:266 Resp: 844062  
Ion Ratio Lower Upper  
266 100  
268 64.1 49.8 74.6  
264 62.7 50.1 75.1





#71

Phenanthrene

Concen: 40.526 ng

RT: 17.20 min Scan# 2399

Delta R.T. 0.00 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

Instrument :

BNA\_M

ClientSampleId :

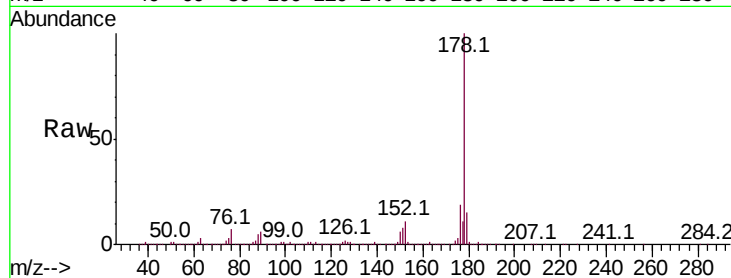
Tot Ion:178 Resp: 3027335

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 18.9  | 15.4  | 23.0  |
| 179 | 15.4  | 12.2  | 18.4  |

178 100

176 18.9 15.4 23.0

179 15.4 12.2 18.4

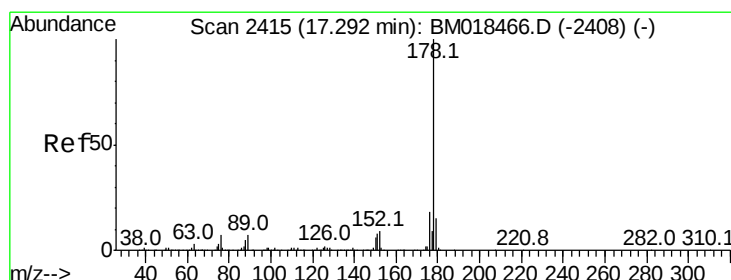
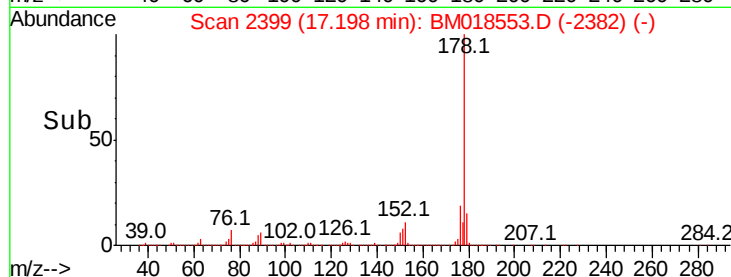
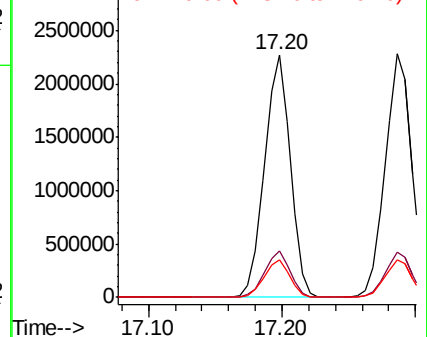


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.327 ng

RT: 17.29 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

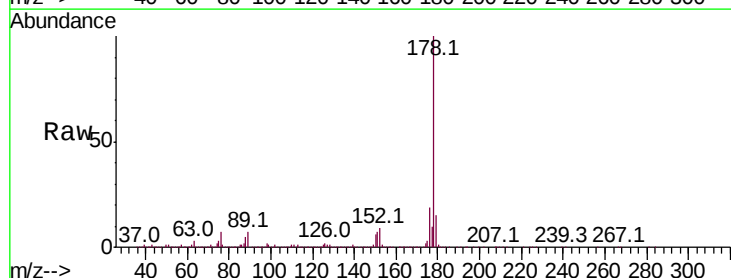
Tgt Ion:178 Resp: 3112300

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 18.7  | 14.7  | 22.1  |
| 179 | 15.3  | 12.2  | 18.4  |

178 100

176 18.7 14.7 22.1

179 15.3 12.2 18.4

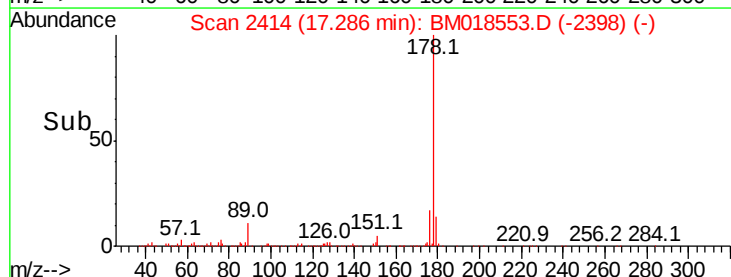
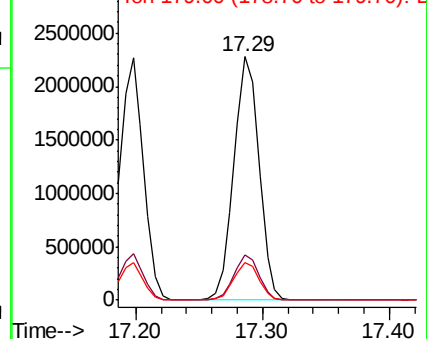


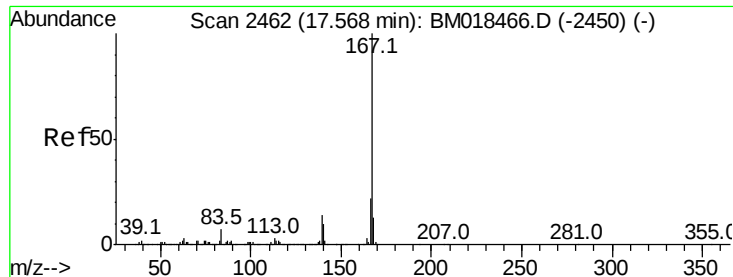
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



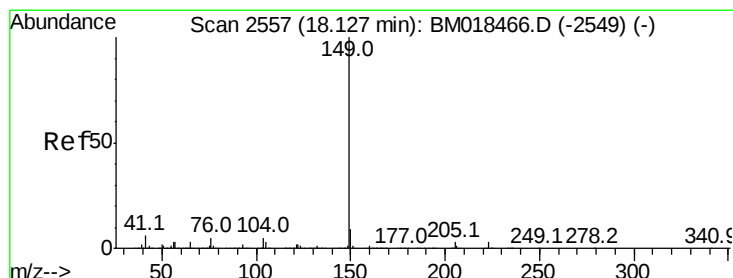
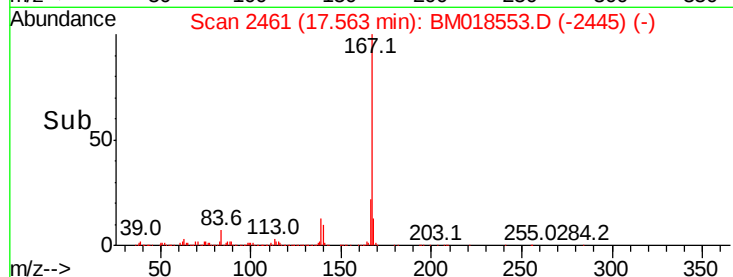
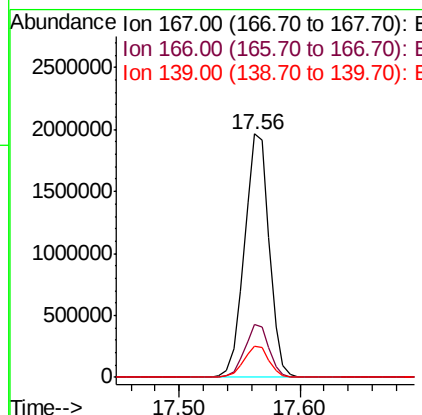
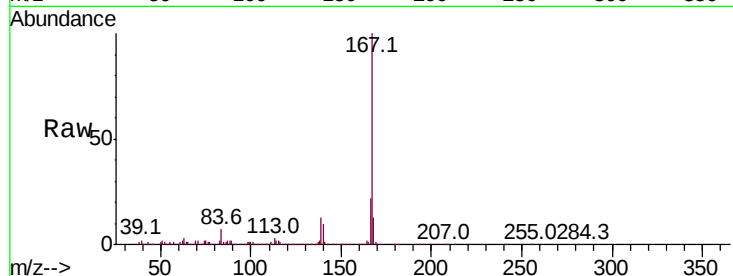


#73  
 Carbazole  
 Concen: 38.028 ng  
 RT: 17.56 min Scan# 2461  
 Delta R.T. -0.01 min  
 Lab File: BM018553.D  
 Acq: 14 Jan 2019 16:11

Instrument :  
 BNA\_M  
 ClientSampleId :

Tot Ion:167 Resp: 2806504  

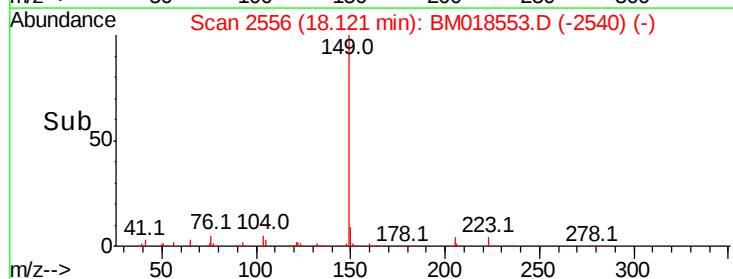
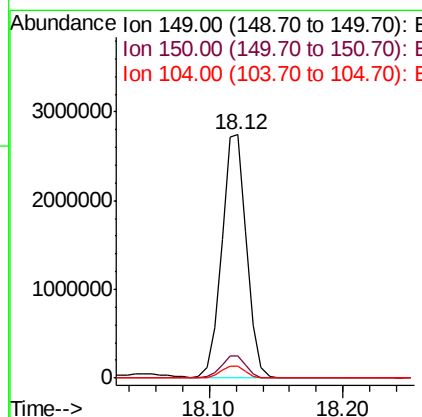
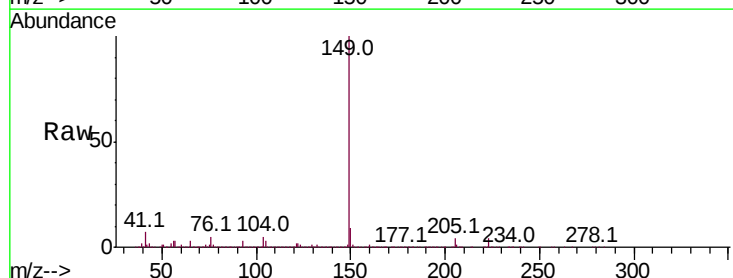
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 21.7  | 17.4  | 26.2  |
| 139 | 13.0  | 10.6  | 16.0  |

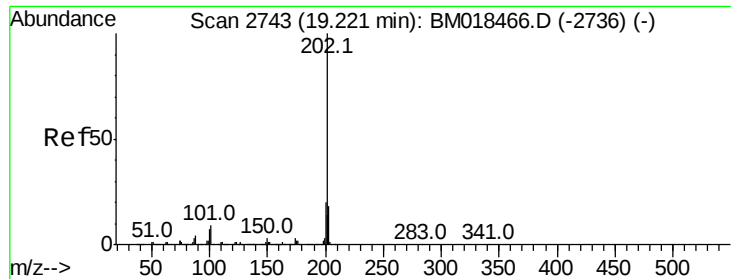


#74  
 Di-n-butylphthalate  
 Concen: 44.106 ng  
 RT: 18.12 min Scan# 2556  
 Delta R.T. -0.01 min  
 Lab File: BM018553.D  
 Acq: 14 Jan 2019 16:11

Tgt Ion:149 Resp: 3565557  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.0   | 7.3   | 10.9  |
| 104 | 4.9   | 4.2   | 6.4   |





#75

Fluoranthene

Concen: 42.121 ng

RT: 19.22 min Scan# 2742

Delta R.T. -0.01 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

Instrument :

BNA\_M

ClientSampleId :

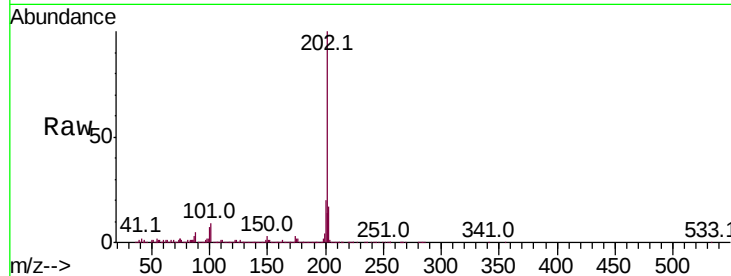
Tot Ion:202 Resp: 3627706

Ion Ratio Lower Upper

202 100

101 9.1 0.0 30.9

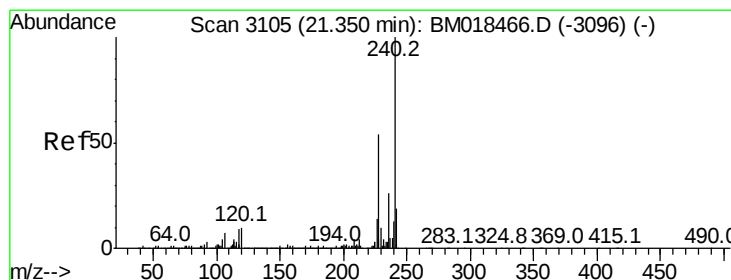
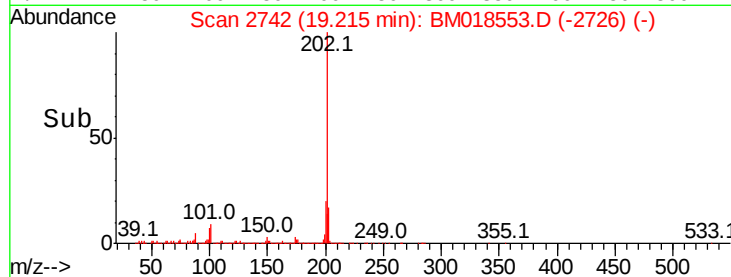
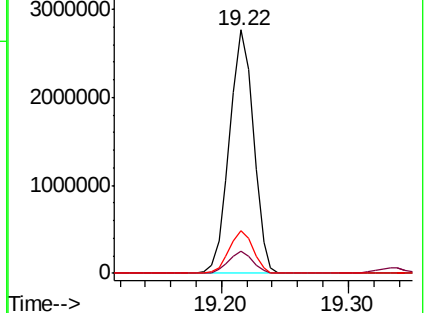
203 17.4 0.0 37.4



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: 21.35 min Scan# 3105

Delta R.T. 0.00 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

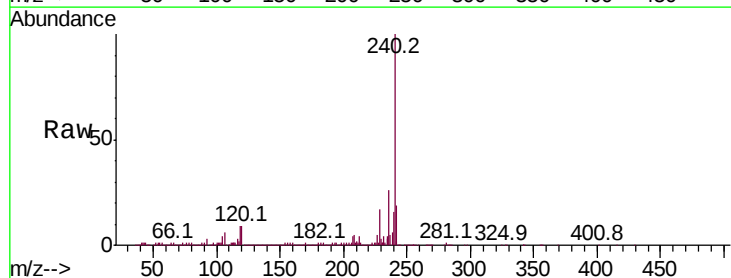
Tgt Ion:240 Resp: 1566745

Ion Ratio Lower Upper

240 100

120 8.7 8.4 12.6

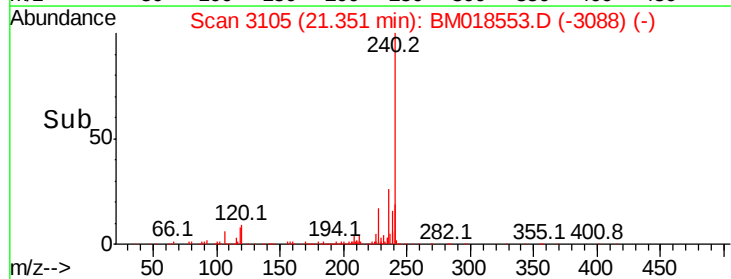
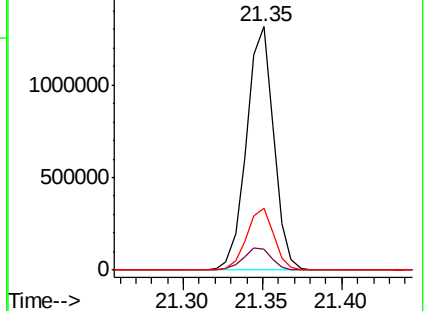
236 25.7 20.7 31.1

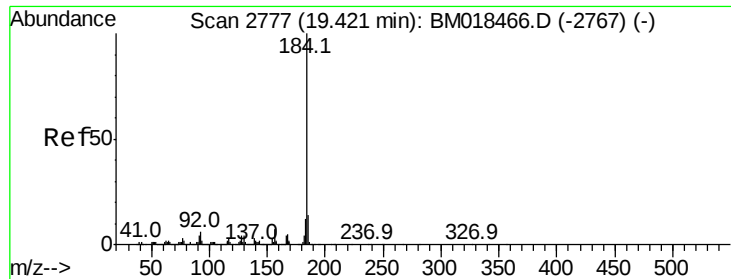


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 19.114 ng

RT: 19.41 min Scan# 2775

Delta R.T. -0.01 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

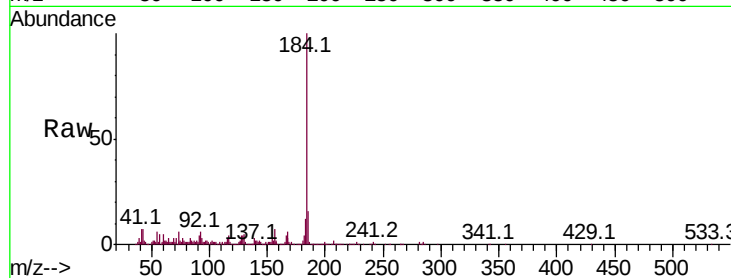
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:184 Resp: 739437

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 15.7  | 11.4  | 17.0  |
| 183 | 11.9  | 9.5   | 14.3  |

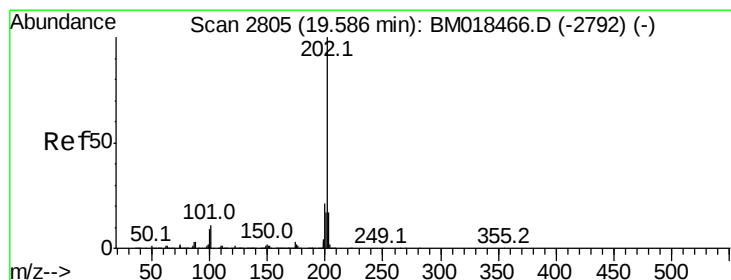
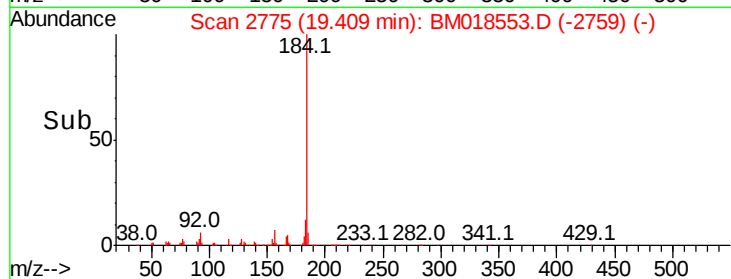
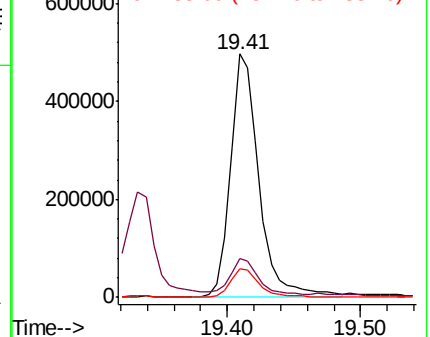


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.623 ng

RT: 19.58 min Scan# 2804

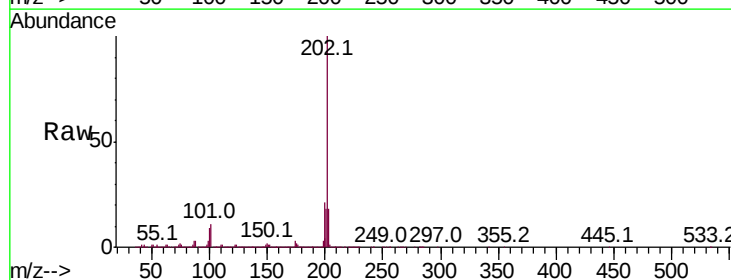
Delta R.T. -0.01 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

Tgt Ion:202 Resp: 3679719

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 21.0  | 16.6  | 24.8  |
| 203 | 17.6  | 13.8  | 20.8  |

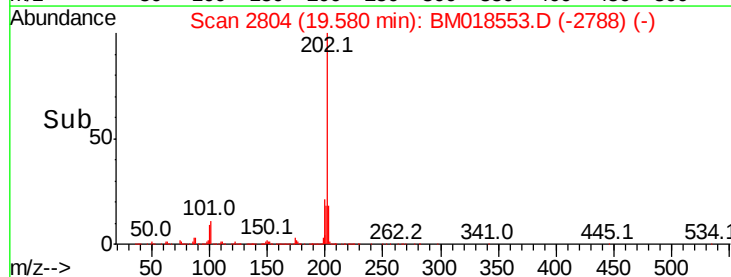
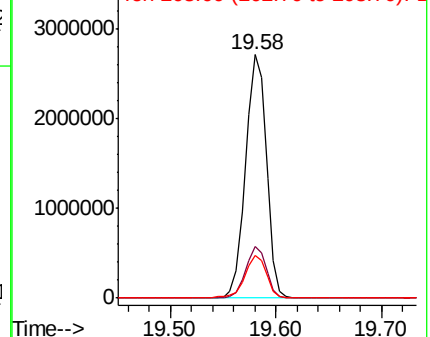


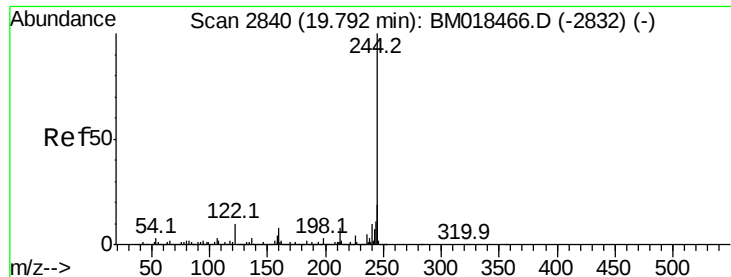
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.070 ng

RT: 19.79 min Scan# 2839

Delta R.T. 0.00 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

Instrument :

BNA\_M

ClientSampleId :

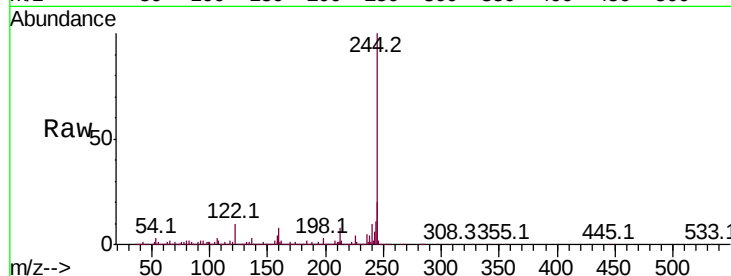
Tot Ion:244 Resp: 6025307

Ion Ratio Lower Upper

244 100

212 7.7 5.9 8.9

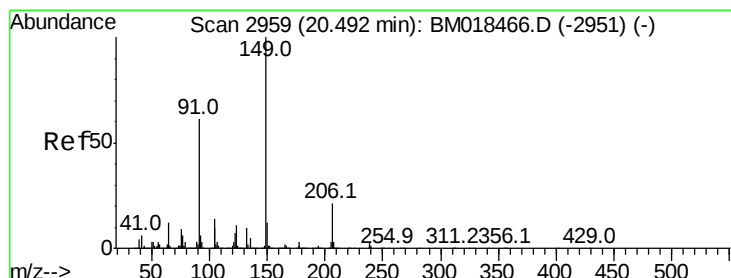
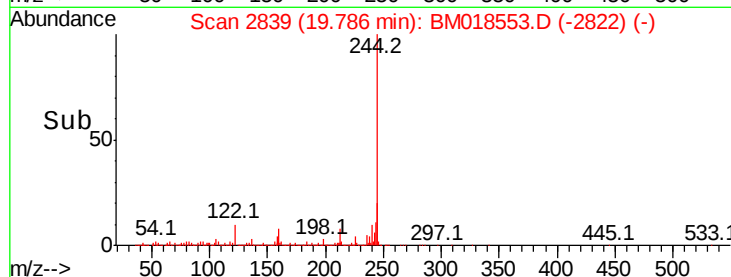
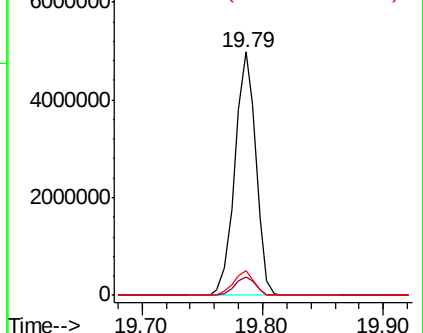
122 10.0 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.273 ng

RT: 20.48 min Scan# 2957

Delta R.T. -0.01 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

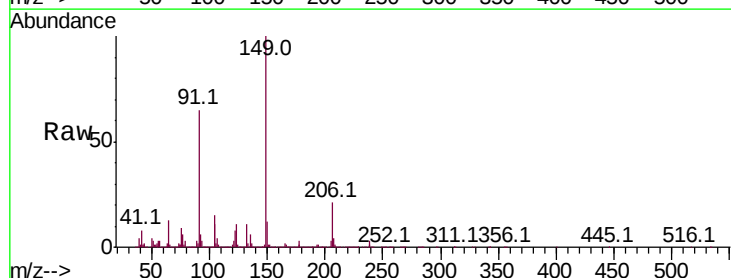
Tgt Ion:149 Resp: 1794075

Ion Ratio Lower Upper

149 100

91 64.7 53.1 79.7

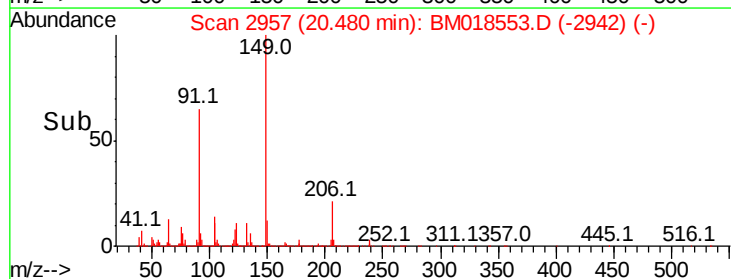
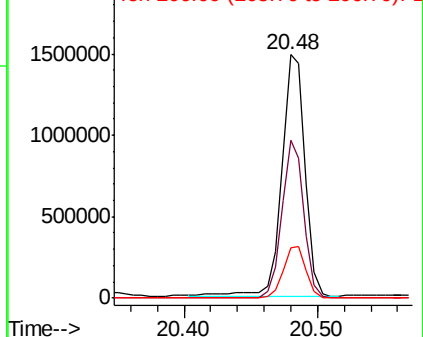
206 20.5 16.2 24.4

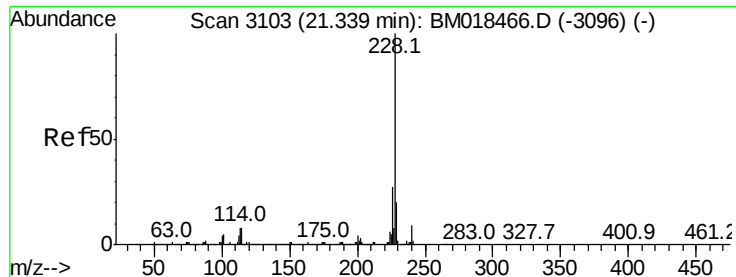


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.478 ng

RT: 21.33 min Scan# 3102

Delta R.T. 0.00 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

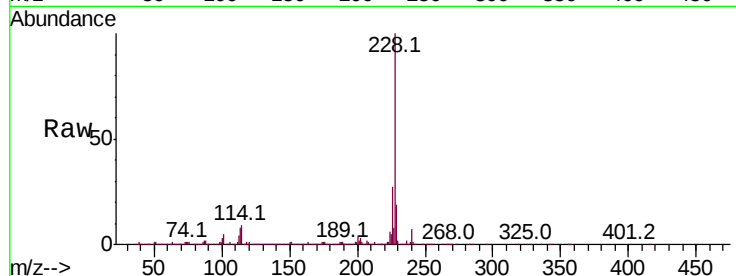
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:228 Resp: 3828427

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 26.9  | 21.8  | 32.6  |
| 229 | 19.4  | 15.8  | 23.8  |

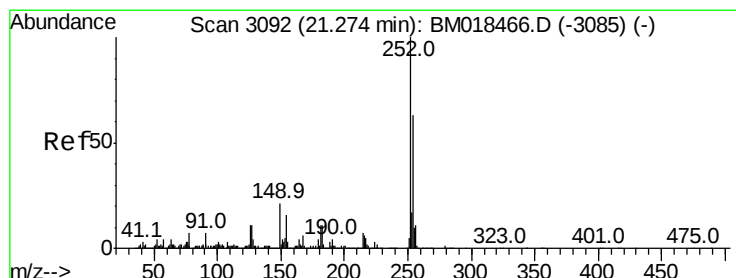
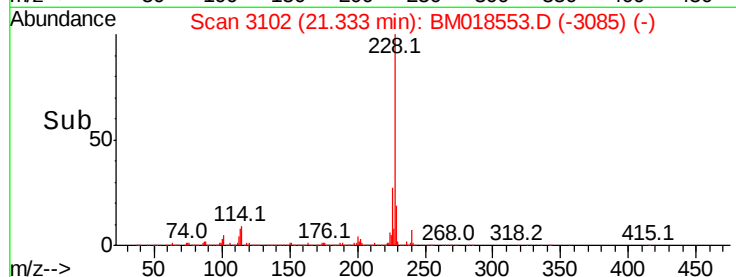
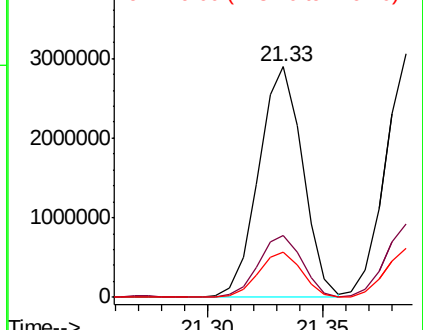


Abundance

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: 29.117 ng

RT: 21.27 min Scan# 3091

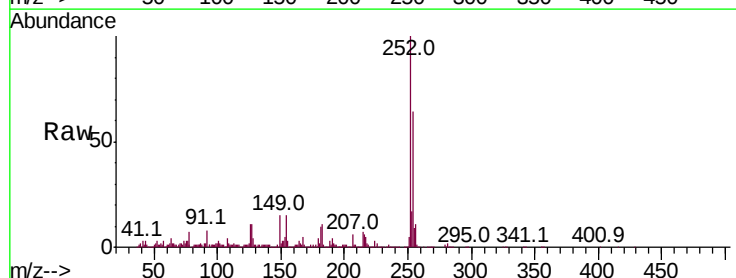
Delta R.T. -0.01 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

Tgt Ion:252 Resp: 1016249

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 63.6  | 51.4  | 77.0  |
| 126 | 11.0  | 8.7   | 13.1  |

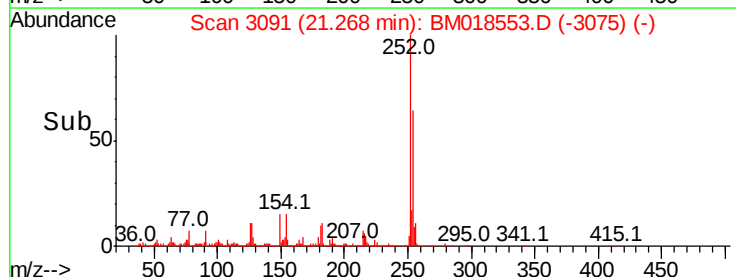
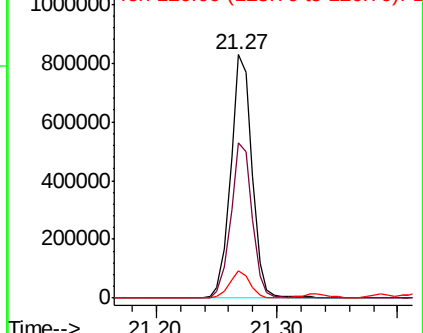


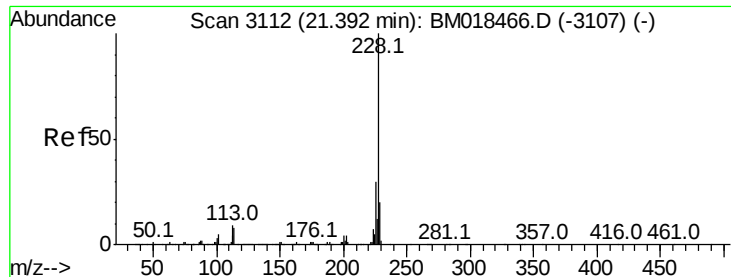
Abundance

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: 39.987 ng

RT: 21.39 min Scan# 3111

Delta R.T. 0.00 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

Instrument :

BNA\_M

ClientSampleId :

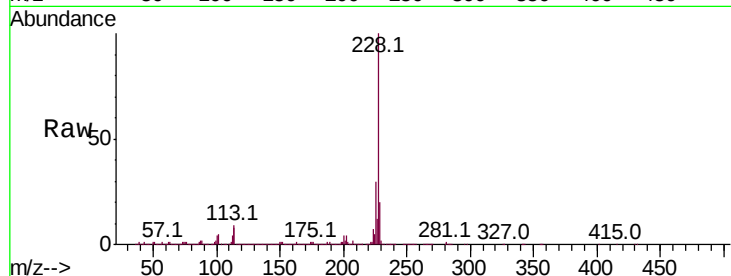
Tot Ion:228 Resp: 3564028

Ion Ratio Lower Upper

228 100

226 30.2 24.2 36.2

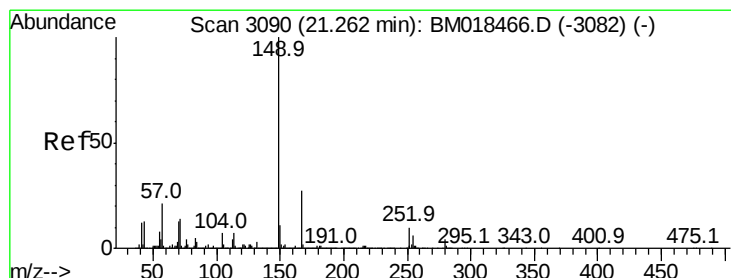
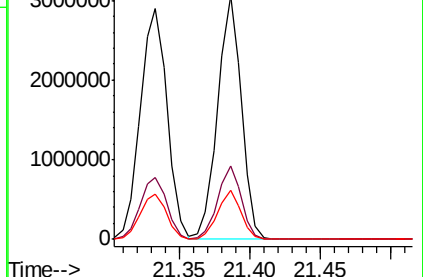
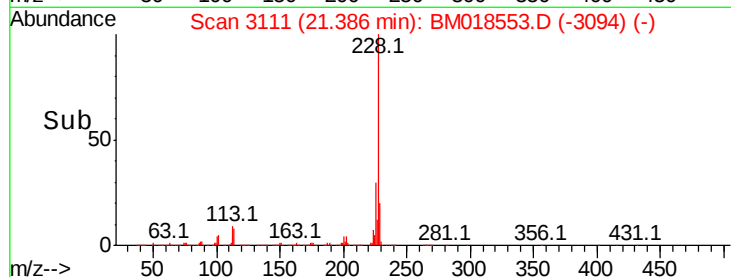
229 20.0 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.176 ng

RT: 21.25 min Scan# 3088

Delta R.T. -0.01 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

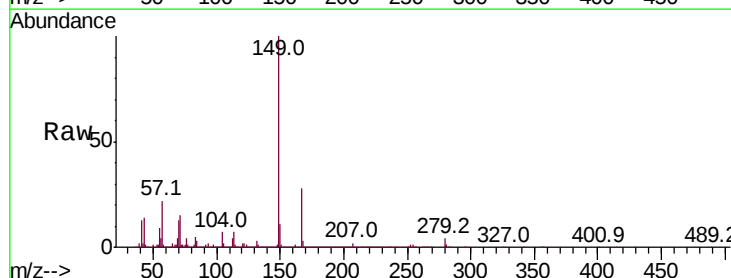
Tgt Ion:149 Resp: 2527897

Ion Ratio Lower Upper

149 100

167 27.7 21.6 32.4

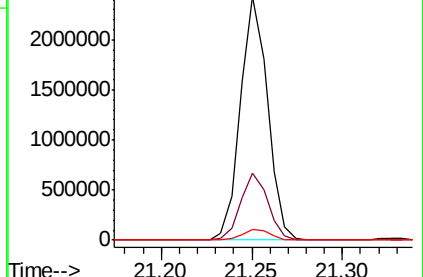
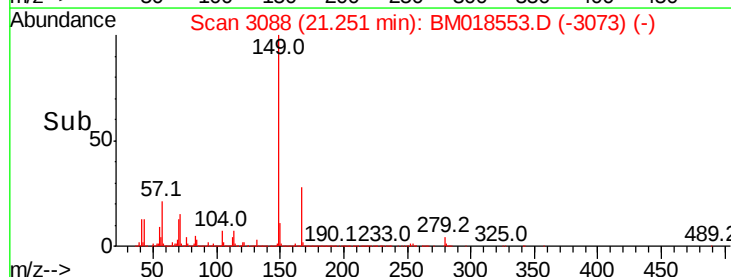
279 4.2 3.3 4.9

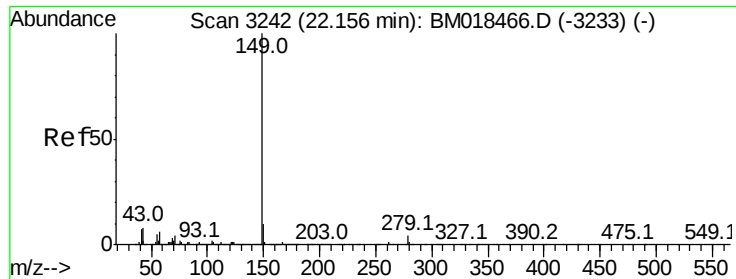


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 46.532 ng

RT: 22.14 min Scan# 3240

Delta R.T. -0.01 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

Instrument :

BNA\_M

ClientSampled :

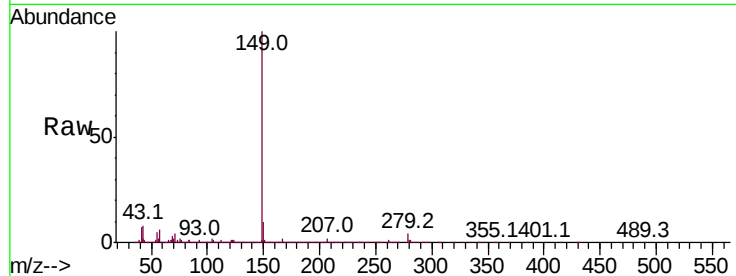
Tot Ion:149 Resp: 4478448

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

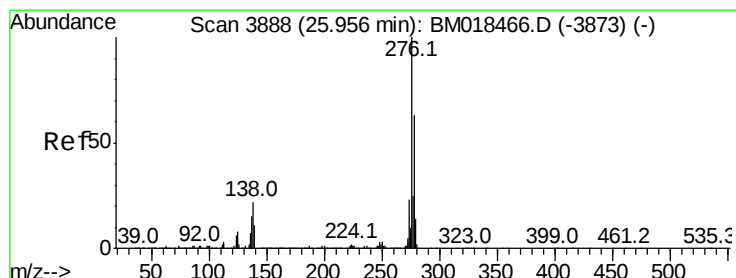
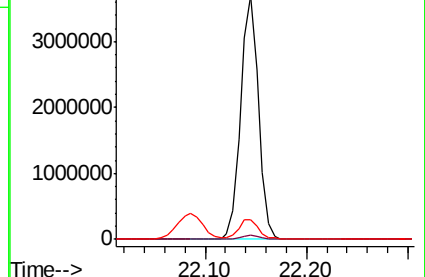
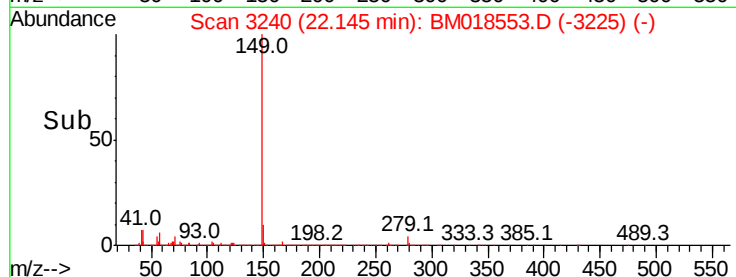
43 8.4 8.6 12.8#



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: 43.085 ng

RT: 25.96 min Scan# 3888

Delta R.T. 0.01 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

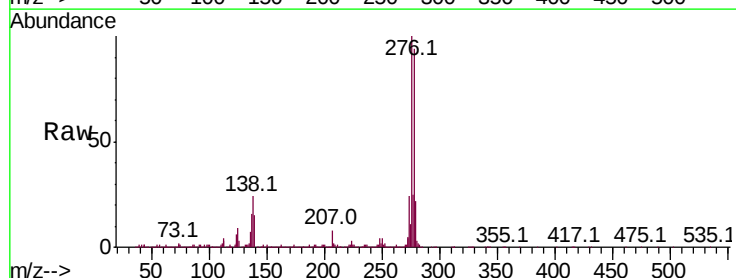
Tgt Ion:276 Resp: 4428072

Ion Ratio Lower Upper

276 100

138 23.3 21.5 32.3

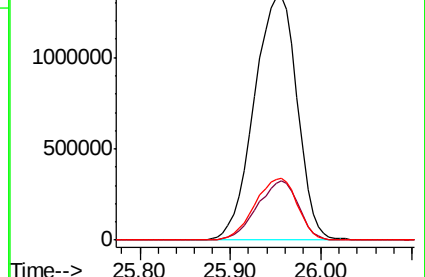
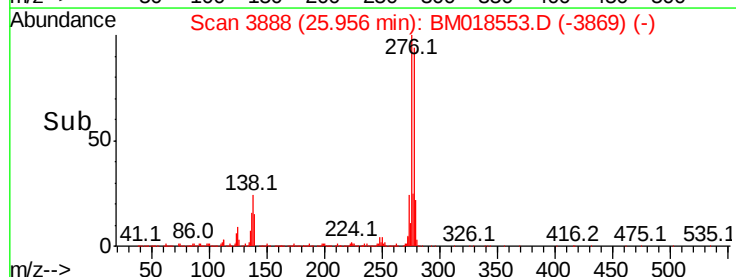
277 25.0 20.2 30.2

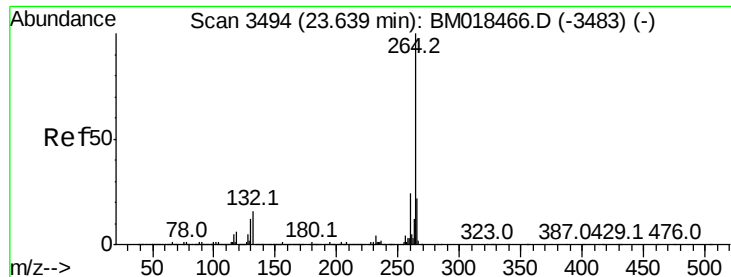


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.63 min Scan# 3492

Delta R.T. -0.01 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

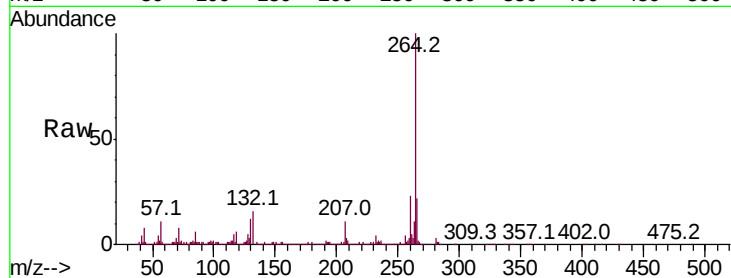
Instrument :

BNA\_M

ClientSampled :

Tot Ion:264 Resp: 1660839

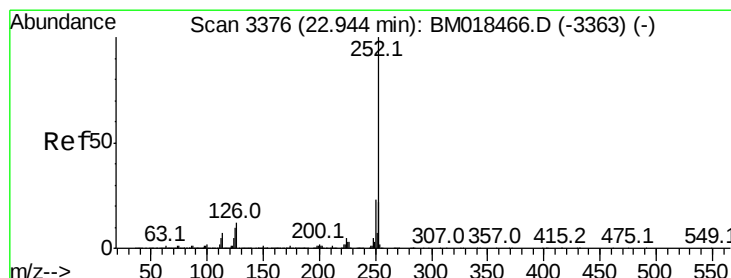
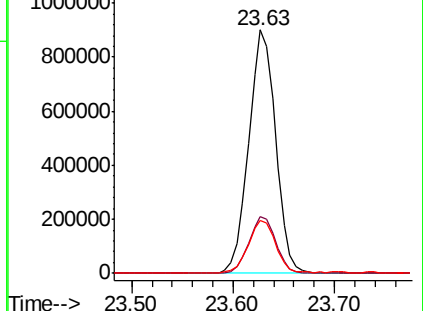
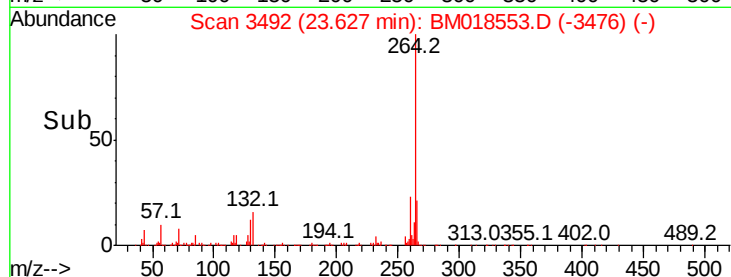
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.0  | 18.9  | 28.3  |
| 265 | 21.8  | 16.8  | 25.2  |



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: 40.380 ng

RT: 22.94 min Scan# 3376

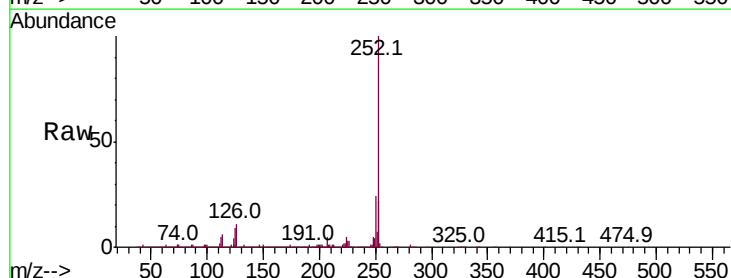
Delta R.T. 0.01 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

Tgt Ion:252 Resp: 3807413

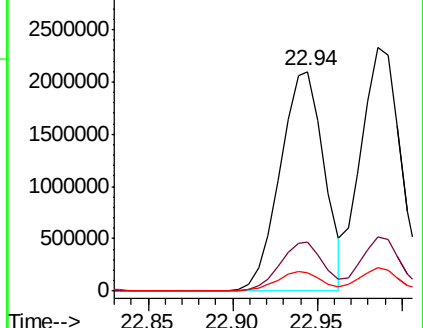
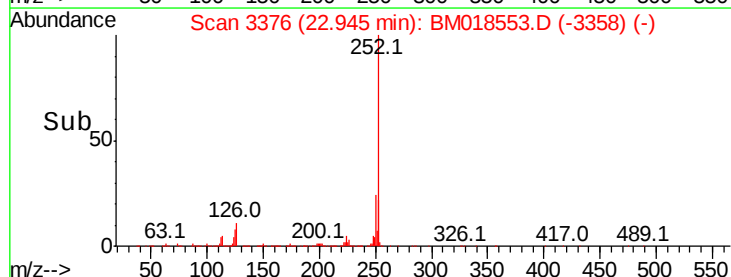
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.3  | 17.6  | 26.4  |
| 125 | 8.6   | 8.5   | 12.7  |

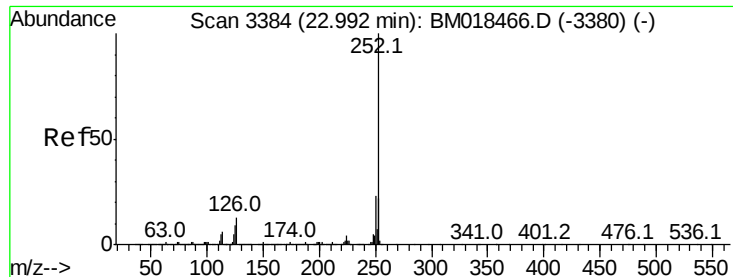


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 40.187 ng

RT: 22.99 min Scan# 3383

Delta R.T. 0.00 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

Instrument :

BNA\_M

ClientSampleId :

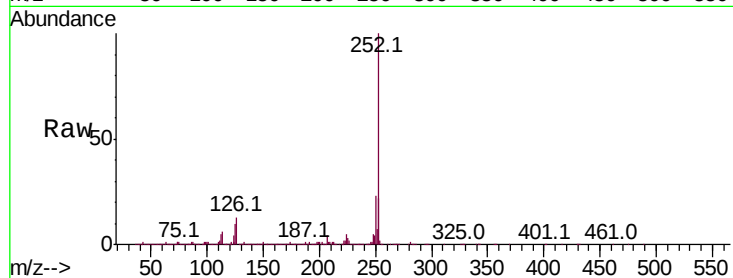
Tot Ion:252 Resp: 3818699

Ion Ratio Lower Upper

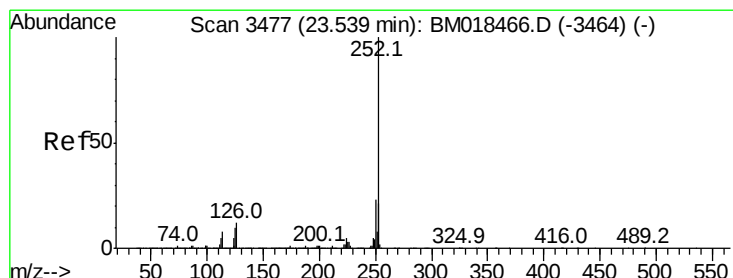
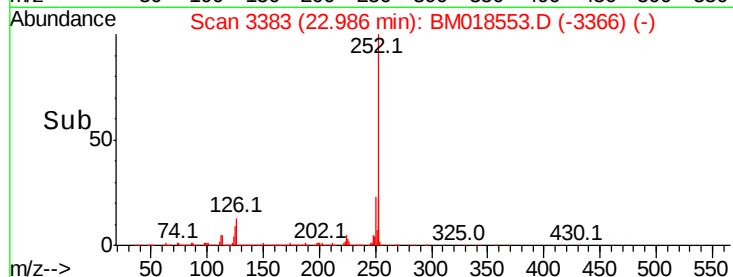
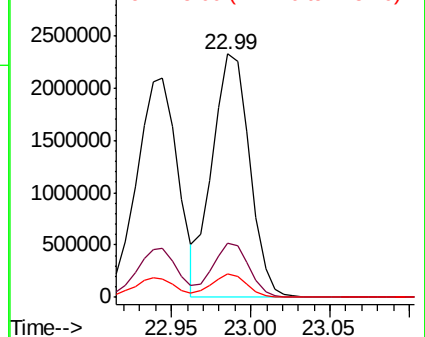
252 100

253 22.3 17.4 26.0

125 9.6 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



#90

Benzo(a)pyrene

Concen: 42.236 ng

RT: 23.53 min Scan# 3476

Delta R.T. 0.00 min

Lab File: BM018553.D

Acq: 14 Jan 2019 16:11

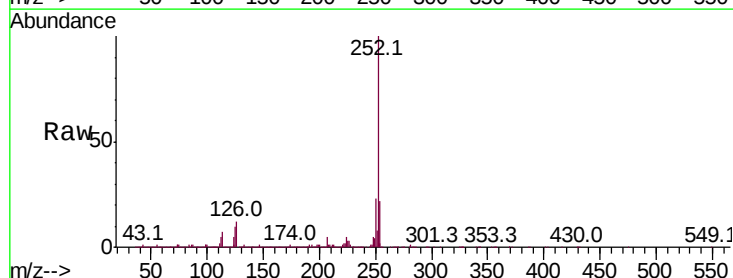
Tgt Ion:252 Resp: 3812546

Ion Ratio Lower Upper

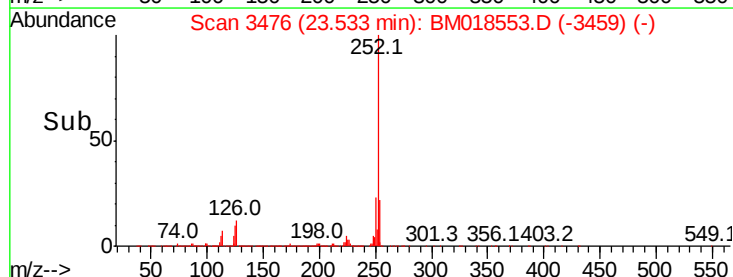
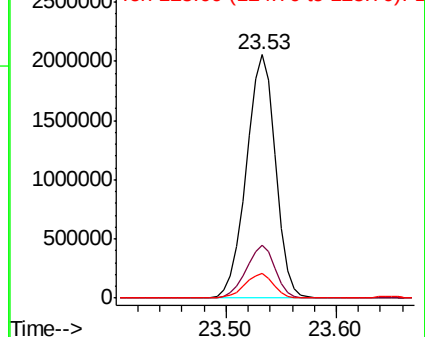
252 100

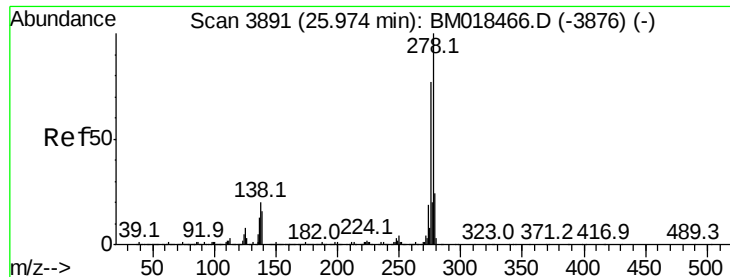
253 21.6 17.5 26.3

125 9.9 9.7 14.5



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

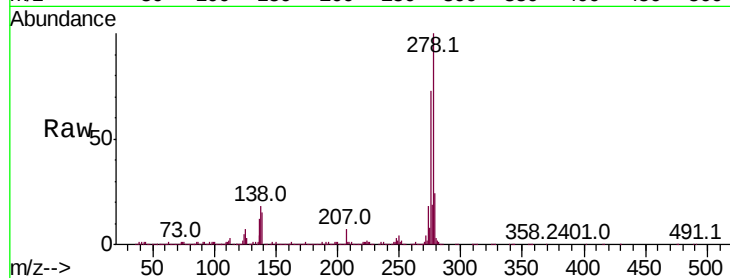




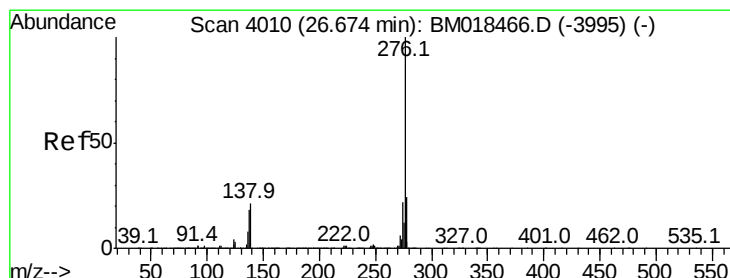
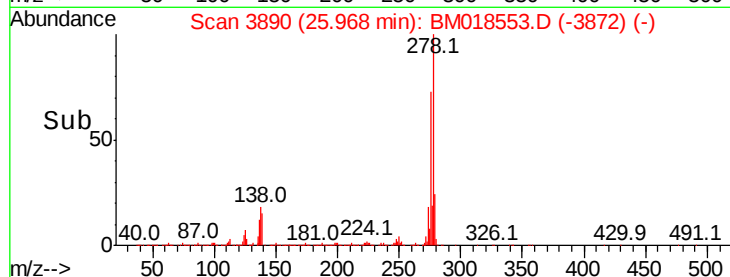
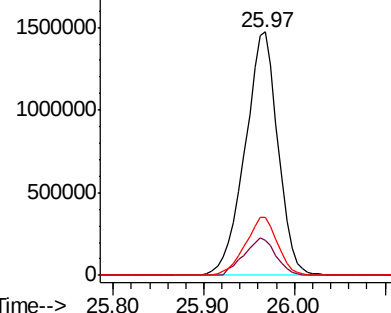
#91  
Dibenzo(a,h)anthracene  
Concen: 40.585 ng  
RT: 25.97 min Scan# 3890  
Delta R.T. 0.01 min  
Lab File: BM018553.D  
Acq: 14 Jan 2019 16:11

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:278 Resp: 3712087  
Ion Ratio Lower Upper  
278 100  
139 14.6 13.2 19.8  
279 23.9 19.0 28.4

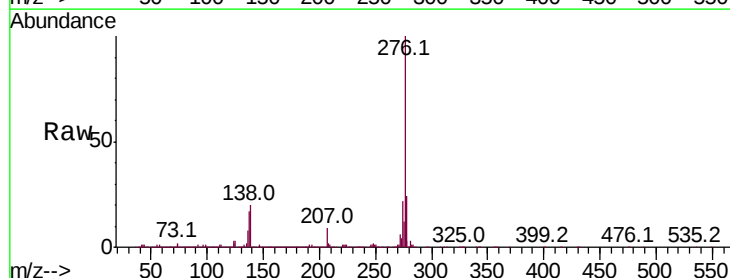


Abundance Ion 278.00 (277.70 to 278.70): E  
2000000  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E



#92  
Benzo(g,h,i)perylene  
Concen: 40.432 ng  
RT: 26.67 min Scan# 4009  
Delta R.T. 0.01 min  
Lab File: BM018553.D  
Acq: 14 Jan 2019 16:11

Tgt Ion:276 Resp: 3598762  
Ion Ratio Lower Upper  
276 100  
277 23.7 19.0 28.4  
138 20.3 18.1 27.1



Abundance Ion 276.00 (275.70 to 276.70): E  
1500000  
Ion 277.00 (276.70 to 277.70): E  
Ion 138.00 (137.70 to 138.70): E

