

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM061021\  
 Data File : BM030372.D  
 Acq On : 10 Jun 2021 13:42  
 Operator : CG/JU  
 Sample : M2613-14MSD  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 18-B12(86-90)MSD

Quant Time: Jun 10 14:21:37 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM060921.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 08 20:51:08 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.845  | 152  | 207569   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.633 | 136  | 910636   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.468 | 164  | 672319   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.204 | 188  | 1503354  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.368 | 240  | 1739385  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 23.644 | 264  | 1631732  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.434  | 112  | 1647691  | 129.045 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.016  | 99   | 2085169  | 112.810 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.004  | 82   | 1442459  | 77.169  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.957 | 330  | 1152152  | 136.302 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.092 | 172  | 3682264  | 72.025  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.815 | 244  | 6999690  | 70.683  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.357  | 88   | 196750   | 35.645  | ng    | # 18     |
| 3) Pyridine                   | 3.763  | 79   | 461941   | 32.784  | ng    | # 87     |
| 4) n-Nitrosodimethylamine     | 3.657  | 42   | 293430   | 41.022  | ng    | # 80     |
| 6) Aniline                    | 7.181  | 93   | 869744   | 41.233  | ng    | 96       |
| 8) 2-Chlorophenol             | 7.410  | 128  | 755250   | 50.397  | ng    | 98       |
| 9) Benzaldehyde               | 6.987  | 77   | 385849   | 49.978  | ng    | 95       |
| 10) Phenol                    | 7.040  | 94   | 872997   | 46.752  | ng    | 91       |
| 11) bis(2-Chloroethyl)ether   | 7.269  | 93   | 718777   | 48.855  | ng    | 96       |
| 12) 1,3-Dichlorobenzene       | 7.739  | 146  | 725918   | 43.966  | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 7.881  | 146  | 748567   | 44.490  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.198  | 146  | 732759   | 44.769  | ng    | 99       |
| 15) Benzyl Alcohol            | 8.087  | 79   | 683954   | 52.727  | ng    | 94       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.375  | 45   | 991358   | 41.875  | ng    | 92       |
| 17) 2-Methylphenol            | 8.287  | 107  | 648198   | 53.568  | ng    | 92       |
| 18) Hexachloroethane          | 8.922  | 117  | 267254   | 44.194  | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 8.651  | 70   | 577170   | 47.030  | ng    | 98       |
| 20) 3+4-Methylphenols         | 8.610  | 107  | 891704   | 54.163  | ng    | 95       |
| 22) Acetophenone              | 8.669  | 105  | 1137552  | 46.755  | ng    | # 99     |
| 24) Nitrobenzene              | 9.045  | 77   | 829838   | 42.559  | ng    | 95       |
| 25) Isophorone                | 9.569  | 82   | 1563325  | 43.637  | ng    | 99       |
| 26) 2-Nitrophenol             | 9.751  | 139  | 412244   | 48.266  | ng    | 94       |
| 27) 2,4-Dimethylphenol        | 9.810  | 122  | 778523   | 56.141  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 10.045 | 93   | 984801   | 48.347  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.286 | 162  | 824748   | 53.054  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.498 | 180  | 793389   | 44.712  | ng    | 99       |
| 31) Naphthalene               | 10.686 | 128  | 2307990  | 43.509  | ng    | 99       |
| 32) Benzoic acid              | 9.928  | 122  | 254405   | 26.161  | ng    | 93       |
| 33) 4-Chloroaniline           | 10.804 | 127  | 441787   | 20.464  | ng    | 97       |
| 34) Hexachlorobutadiene       | 10.975 | 225  | 458163   | 43.254  | ng    | 97       |
| 35) Caprolactam               | 11.592 | 113  | 107948   | 23.622  | ng    | # 82     |
| 36) 4-Chloro-3-methylphenol   | 11.916 | 107  | 857506   | 52.660  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.292 | 142  | 1821084  | 46.789  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.516 | 142  | 1693562  | 45.684  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.663 | 216  | 984180   | 45.415  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.645 | 237  | 1107514  | 93.209  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 12.904 | 196  | 722597   | 49.322  | ng    | 99       |

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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 Response via : Initial Calibration

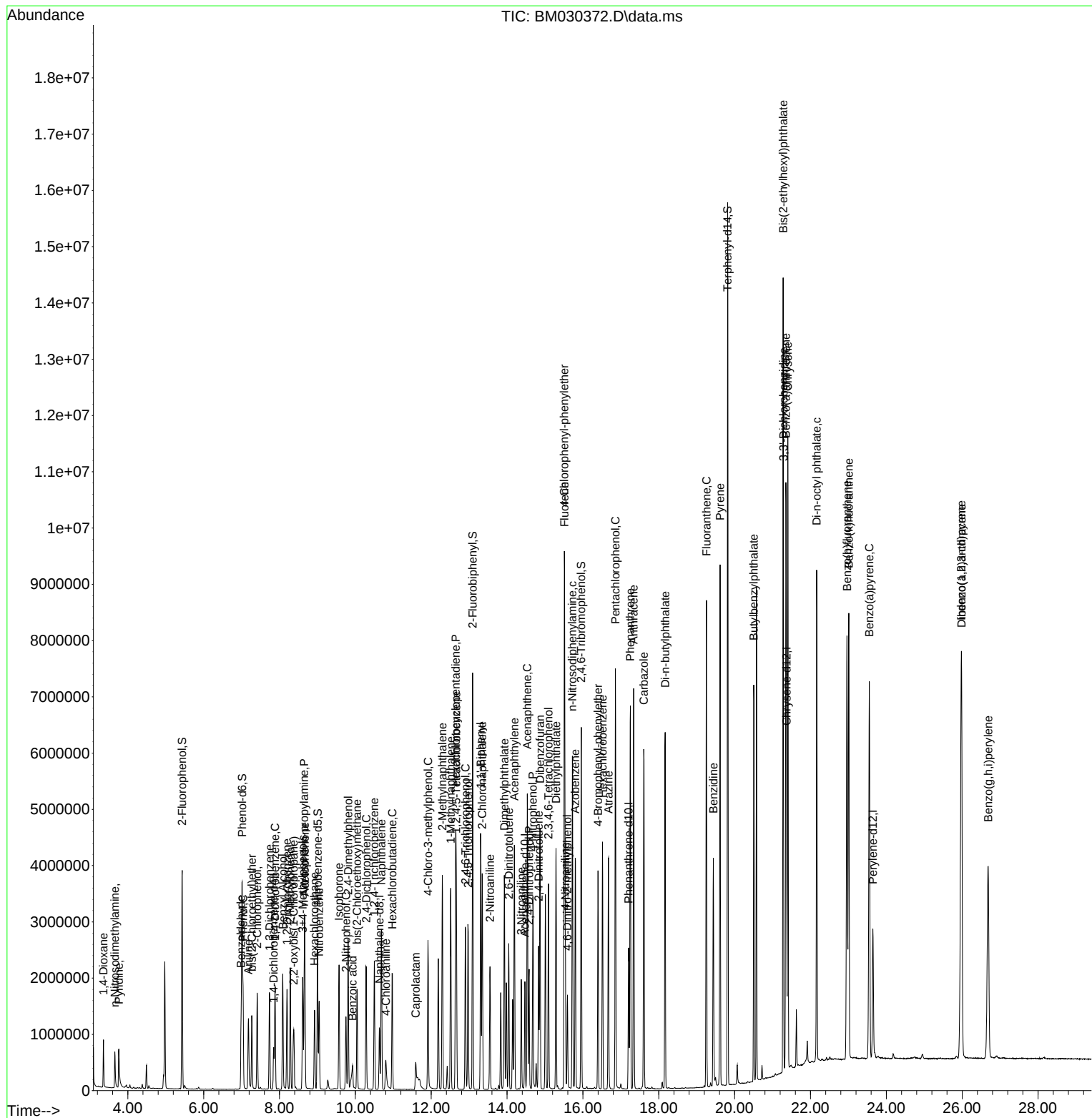
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.974 | 196  | 806581   | 50.192  | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.304 | 154  | 2359586  | 43.338  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.345 | 162  | 1904603  | 43.279  | ng    | 98       |
| 48) 2-Nitroaniline            | 13.551 | 65   | 585736   | 44.042  | ng    | 96       |
| 49) Acenaphthylene            | 14.192 | 152  | 3078728  | 45.667  | ng    | 99       |
| 50) Dimethylphthalate         | 13.927 | 163  | 2512378  | 46.955  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.045 | 165  | 562945   | 47.728  | ng    | 94       |
| 52) Acenaphthene              | 14.533 | 154  | 1866454  | 43.342  | ng    | 98       |
| 53) 3-Nitroaniline            | 14.374 | 138  | 512461   | 39.681  | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 14.580 | 184  | 472399   | 62.533  | ng    | 87       |
| 55) Dibenzofuran              | 14.868 | 168  | 3010791  | 43.940  | ng    | 100      |
| 56) 4-Nitrophenol             | 14.680 | 139  | 921567   | 92.015  | ng    | 94       |
| 57) 2,4-Dinitrotoluene        | 14.833 | 165  | 790448   | 47.447  | ng    | 95       |
| 58) Fluorene                  | 15.515 | 166  | 2604756  | 46.078  | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.092 | 232  | 712362   | 51.218  | ng    | 96       |
| 60) Diethylphthalate          | 15.292 | 149  | 2544325  | 47.569  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.510 | 204  | 1299196  | 46.633  | ng    | 97       |
| 62) 4-Nitroaniline            | 15.539 | 138  | 623012   | 45.055  | ng    | 86       |
| 63) Azobenzene                | 15.798 | 77   | 2318116  | 42.909  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.592 | 198  | 383151   | 39.092  | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 15.721 | 169  | 2251808  | 43.071  | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 16.398 | 248  | 726302   | 41.457  | ng    | 98       |
| 68) Hexachlorobenzene         | 16.515 | 284  | 904419   | 45.528  | ng    | 97       |
| 69) Atrazine                  | 16.674 | 200  | 822871   | 58.769  | ng    | 96       |
| 70) Pentachlorophenol         | 16.857 | 266  | 1255096  | 107.948 | ng    | 98       |
| 71) Phenanthrene              | 17.251 | 178  | 4156653  | 43.940  | ng    | 99       |
| 72) Anthracene                | 17.339 | 178  | 4302354  | 46.841  | ng    | 100      |
| 73) Carbazole                 | 17.604 | 167  | 3926003  | 44.821  | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.168 | 149  | 4528712  | 49.592  | ng    | 99       |
| 75) Fluoranthene              | 19.256 | 202  | 5147380  | 47.938  | ng    | 98       |
| 77) Benzidine                 | 19.439 | 184  | 2494739  | 81.062  | ng    | 99       |
| 78) Pyrene                    | 19.615 | 202  | 5382603  | 40.839  | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.503 | 149  | 2196636  | 40.928  | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.350 | 228  | 5524214  | 43.637  | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 21.286 | 252  | 1519641  | 39.653  | ng    | 99       |
| 83) Chrysene                  | 21.403 | 228  | 5338453  | 43.392  | ng    | 97       |
| 84) Bis(2-ethylhexyl)phtha... | 21.280 | 149  | 3370079  | 41.652  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.162 | 149  | 5801967  | 46.035  | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 25.974 | 276  | 5330686  | 42.951  | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 22.962 | 252  | 5680319  | 45.995  | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 23.009 | 252  | 5259997  | 43.608  | ng    | 98       |
| 90) Benzo(a)pyrene            | 23.550 | 252  | 5175081  | 47.387  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 25.985 | 278  | 4548408  | 42.506  | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 26.685 | 276  | 4274143  | 41.993  | ng    | 98       |

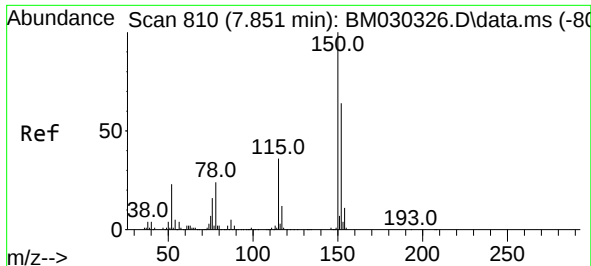
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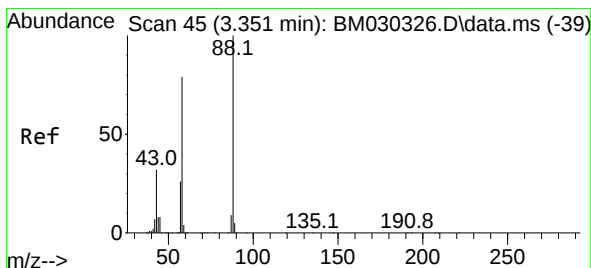
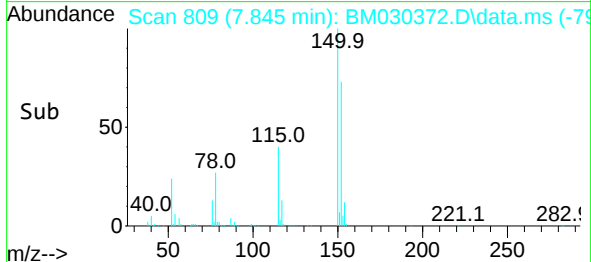
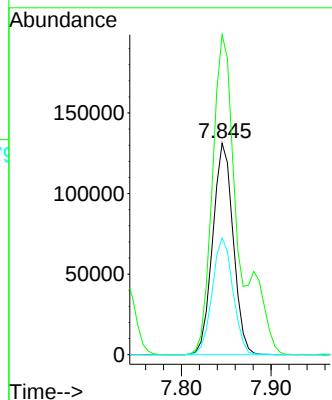
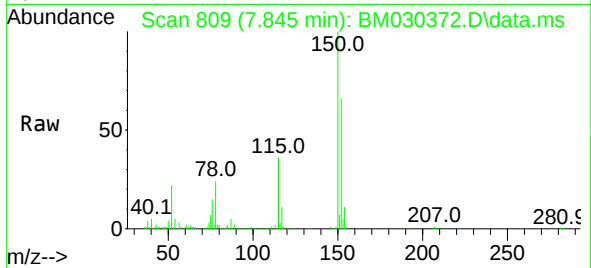




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.845 min Scan# 809  
Delta R.T. -0.006 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

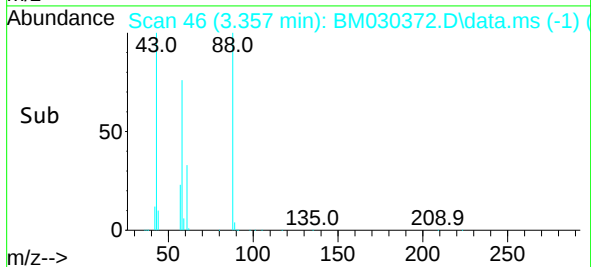
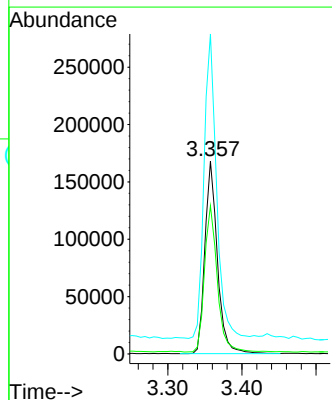
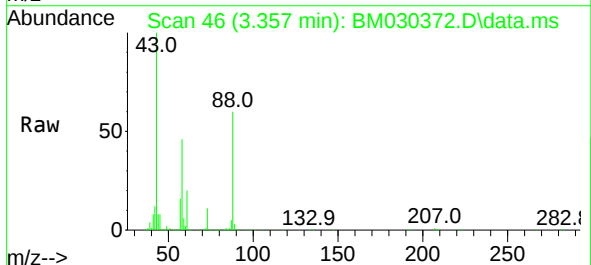
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ClientSampleId :  
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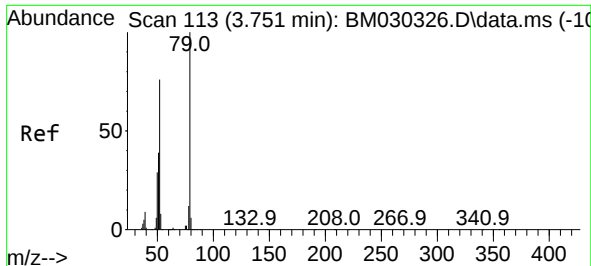
Tgt Ion:152 Resp: 207569  
Ion Ratio Lower Upper  
152 100  
150 151.3 125.9 188.9  
115 55.1 44.6 67.0



#2  
1,4-Dioxane  
Concen: 35.645 ng  
RT: 3.357 min Scan# 46  
Delta R.T. 0.006 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

Tgt Ion: 88 Resp: 196750  
Ion Ratio Lower Upper  
88 100  
58 77.8 53.6 80.4  
43 157.8 25.8 38.6#

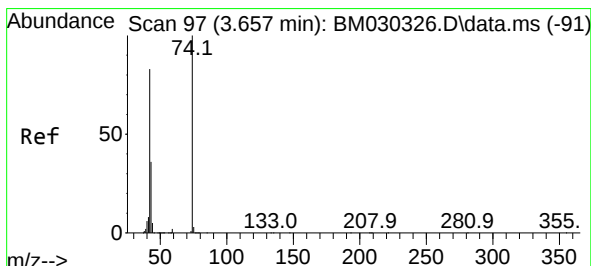
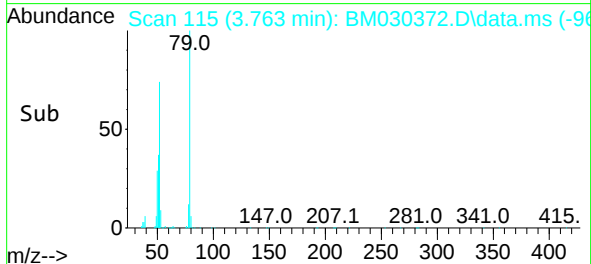
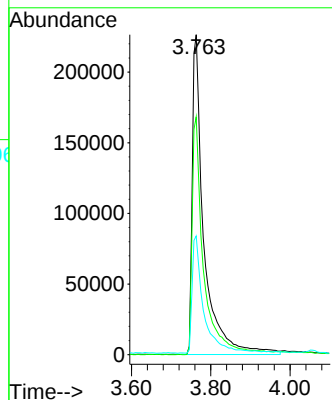
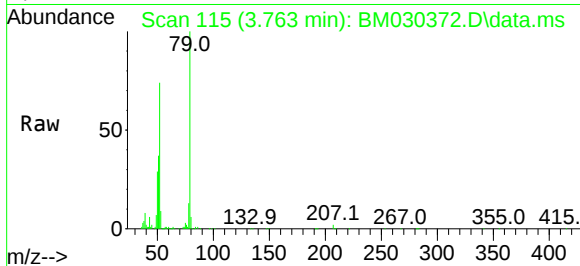




#3  
Pyridine  
Concen: 32.784 ng  
RT: 3.763 min Scan# 115  
Delta R.T. 0.012 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

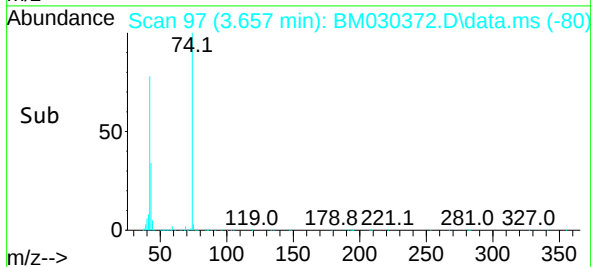
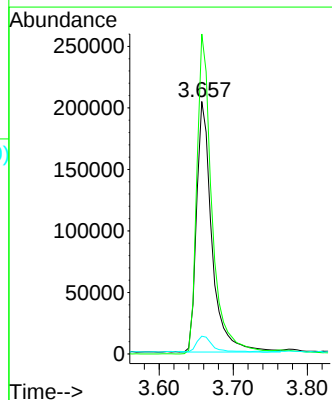
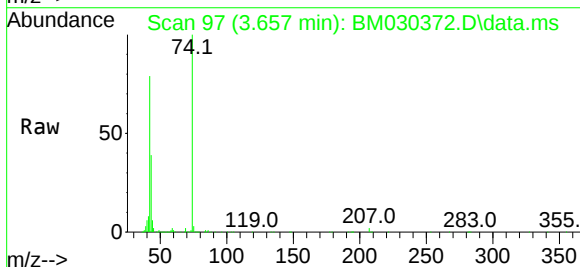
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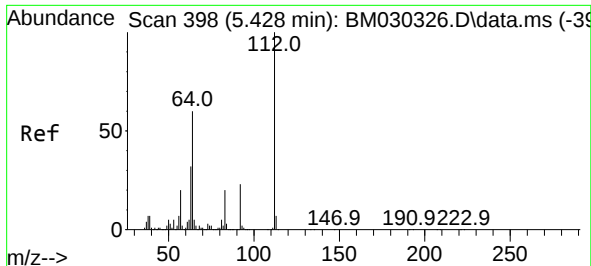
Tgt Ion: 79 Resp: 461941  
Ion Ratio Lower Upper  
79 100  
52 74.3 48.2 72.2#  
51 37.1 27.9 41.9



#4  
n-Nitrosodimethylamine  
Concen: 41.022 ng  
RT: 3.657 min Scan# 97  
Delta R.T. 0.000 min  
Lab File: BM030372.D  
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Tgt Ion: 42 Resp: 293430  
Ion Ratio Lower Upper  
42 100  
74 126.7 84.1 126.1#  
44 7.0 4.5 6.7#

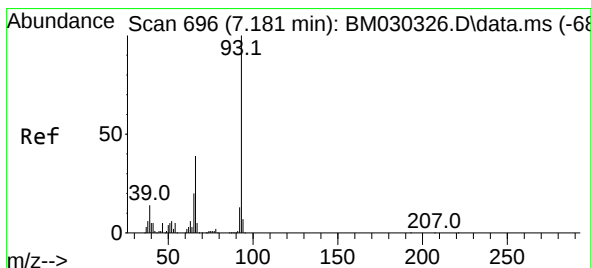
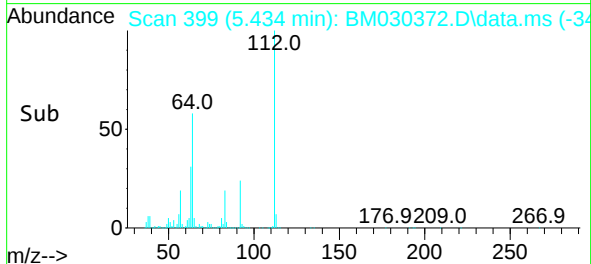
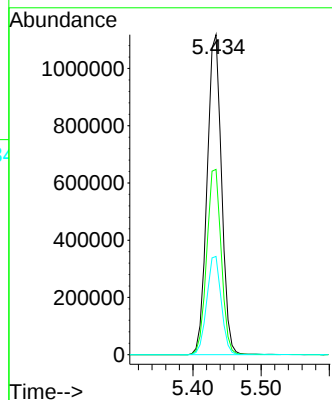
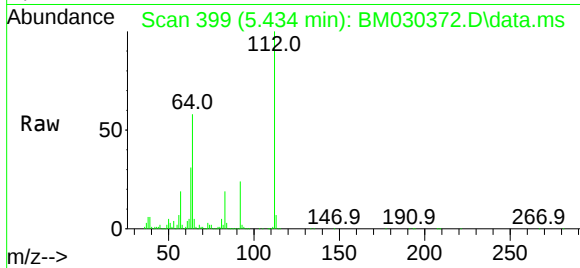




#5  
2-Fluorophenol  
Concen: 129.045 ng  
RT: 5.434 min Scan# 399  
Delta R.T. 0.006 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

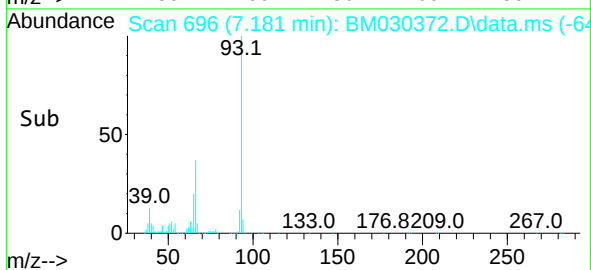
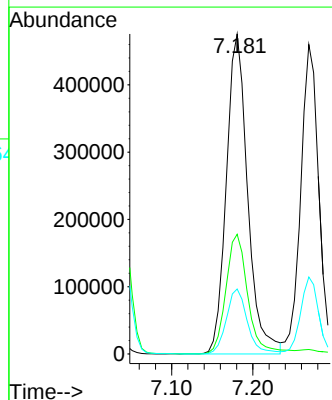
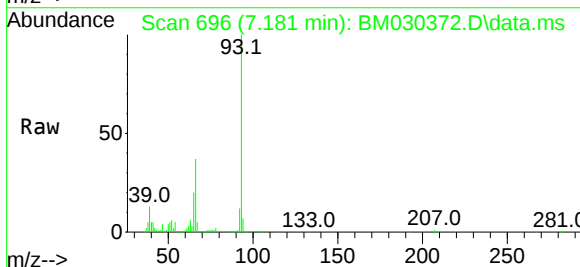
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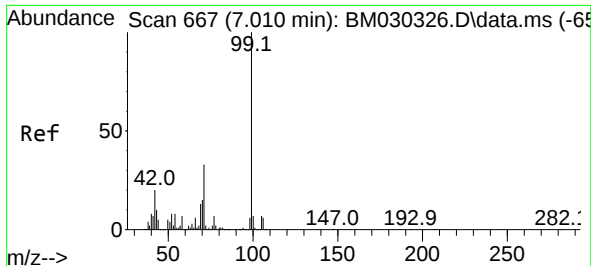
Tgt Ion:112 Resp: 1647691  
Ion Ratio Lower Upper  
112 100  
64 57.9 47.1 70.7  
63 30.7 27.3 40.9



#6  
Aniline  
Concen: 41.233 ng  
RT: 7.181 min Scan# 696  
Delta R.T. 0.000 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

Tgt Ion: 93 Resp: 869744  
Ion Ratio Lower Upper  
93 100  
66 37.4 32.7 49.1  
65 20.3 16.8 25.2



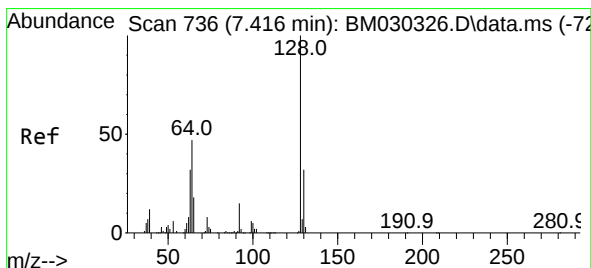
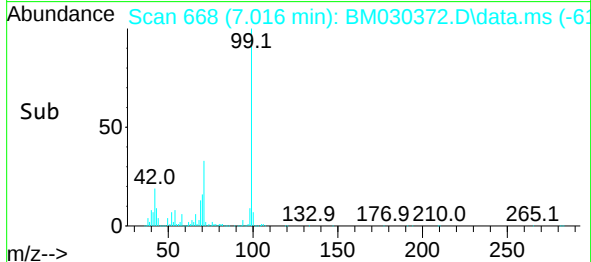
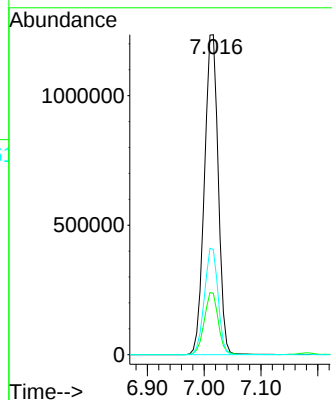
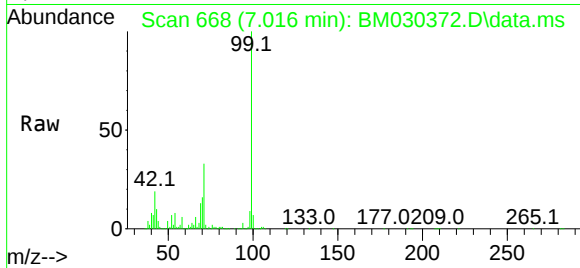


#7  
Phenol-d6  
Concen: 112.810 ng  
RT: 7.016 min Scan# 668  
Delta R.T. 0.006 min  
Lab File: BM030372.D  
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Tgt Ion: 99 Resp: 2085169

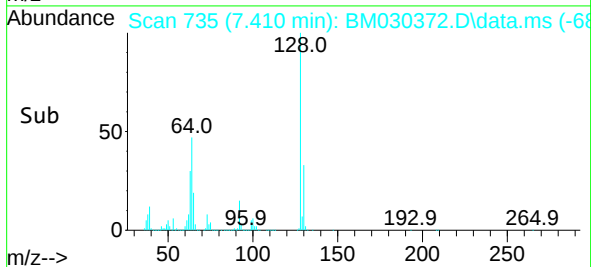
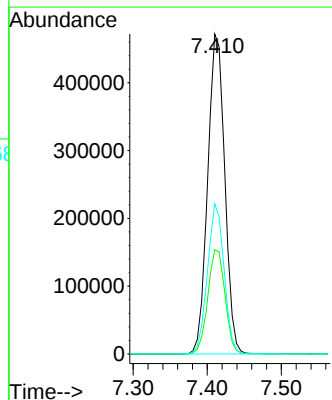
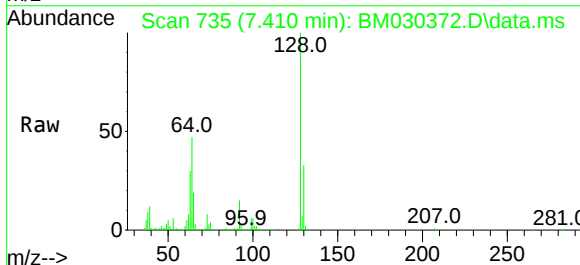
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 19.2  | 18.0  | 27.0  |
| 71  | 32.8  | 30.9  | 46.3  |

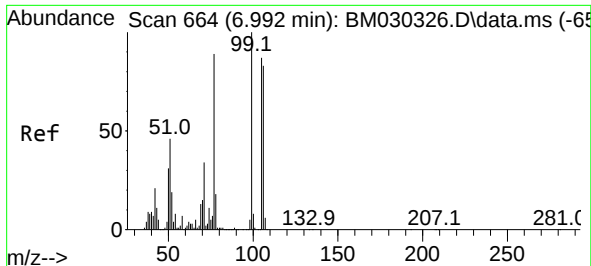


#8  
2-Chlorophenol  
Concen: 50.397 ng  
RT: 7.410 min Scan# 735  
Delta R.T. -0.006 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

Tgt Ion: 128 Resp: 755250

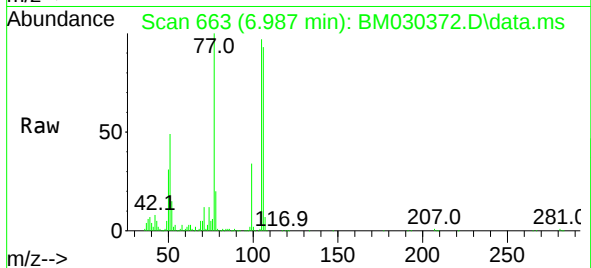
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.6  | 13.5  | 53.5  |
| 64  | 47.0  | 25.7  | 65.7  |



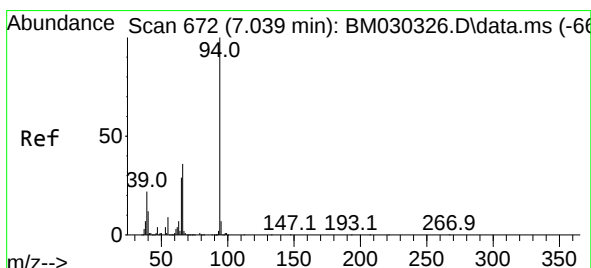
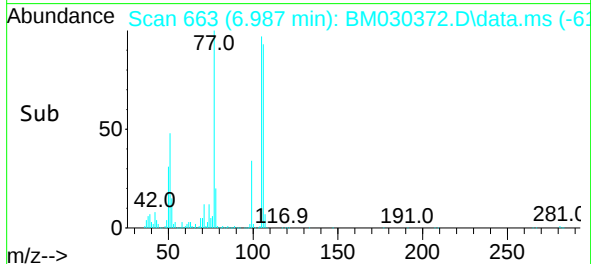
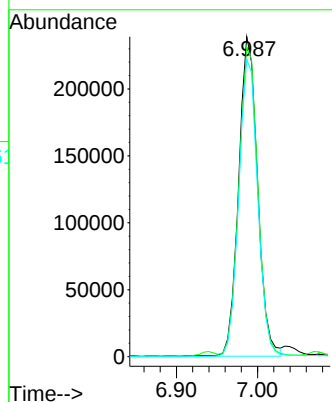


#9  
Benzaldehyde  
Concen: 49.978 ng  
RT: 6.987 min Scan# 663  
Delta R.T. -0.006 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(86-90)MSD

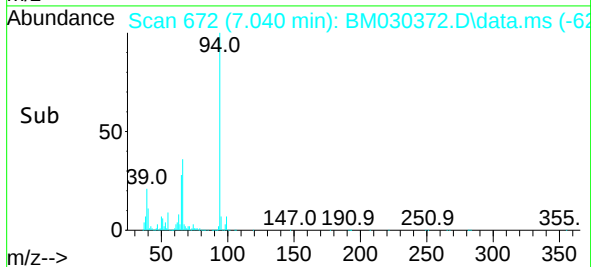
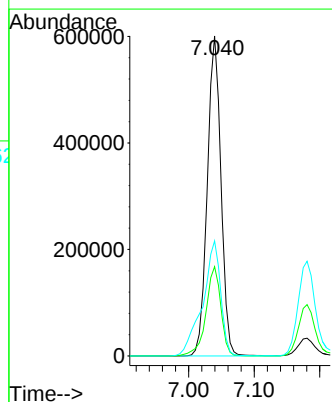
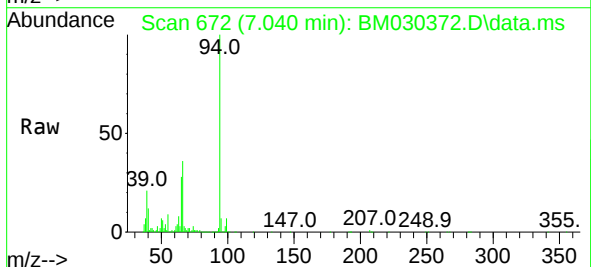


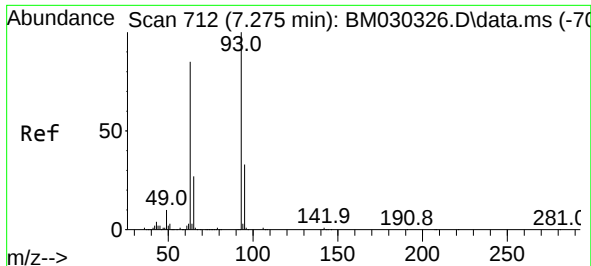
Tgt Ion: 77 Resp: 385849  
Ion Ratio Lower Upper  
77 100  
105 96.8 71.2 111.2  
106 92.9 68.6 108.6



#10  
Phenol  
Concen: 46.752 ng  
RT: 7.040 min Scan# 672  
Delta R.T. 0.000 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

Tgt Ion: 94 Resp: 872997  
Ion Ratio Lower Upper  
94 100  
65 27.9 11.9 51.9  
66 35.9 22.6 62.6

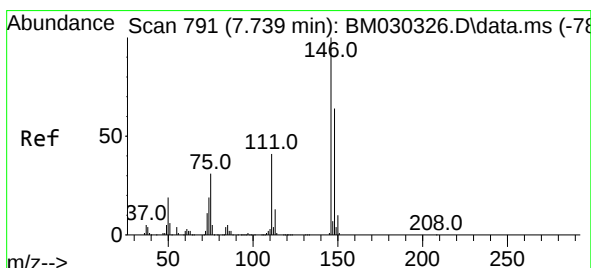
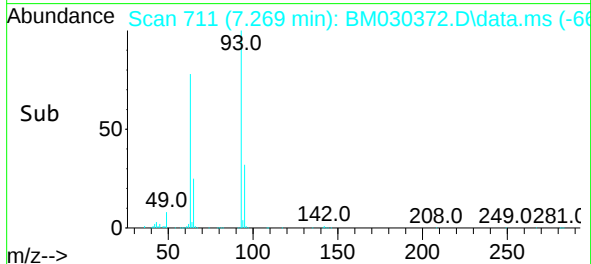
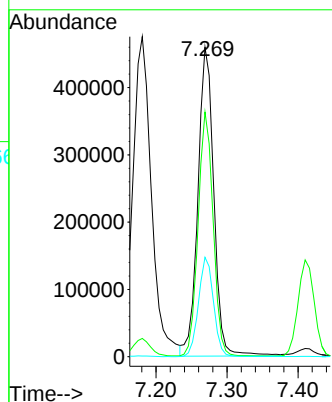
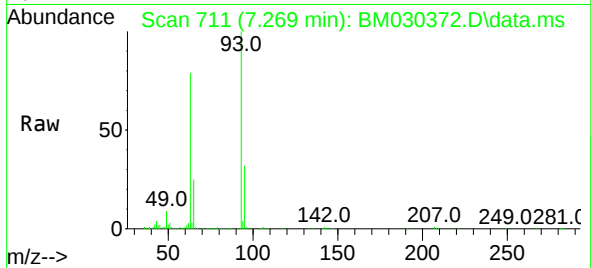




#11  
bis(2-Chloroethyl)ether  
Concen: 48.855 ng  
RT: 7.269 min Scan# 711  
Delta R.T. -0.006 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

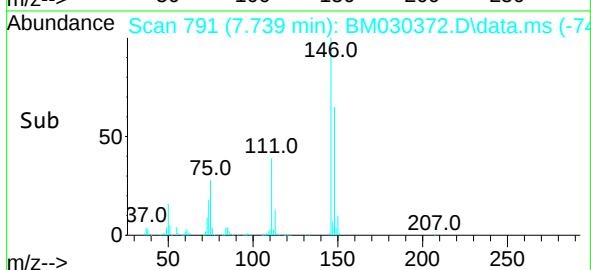
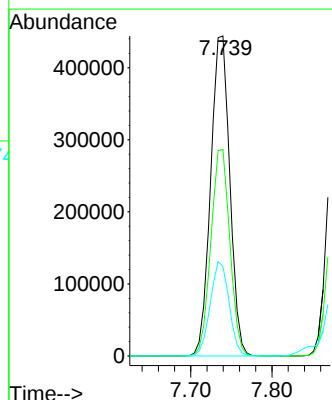
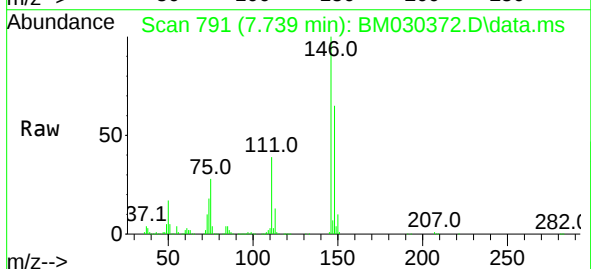
Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(86-90)MSD

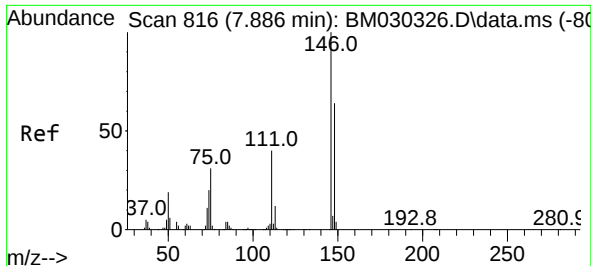
Tgt Ion: 93 Resp: 718777  
Ion Ratio Lower Upper  
93 100  
63 79.1 54.3 94.3  
95 32.1 12.7 52.7



#12  
1,3-Dichlorobenzene  
Concen: 43.966 ng  
RT: 7.739 min Scan# 791  
Delta R.T. 0.000 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

Tgt Ion:146 Resp: 725918  
Ion Ratio Lower Upper  
146 100  
148 64.5 52.2 78.4  
75 28.0 25.8 38.8

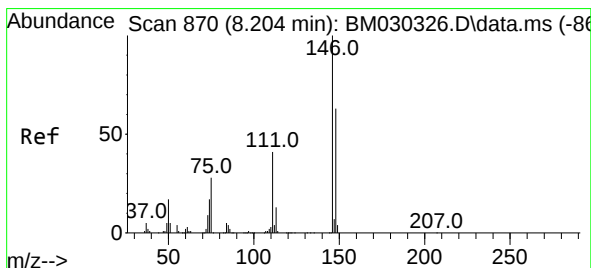
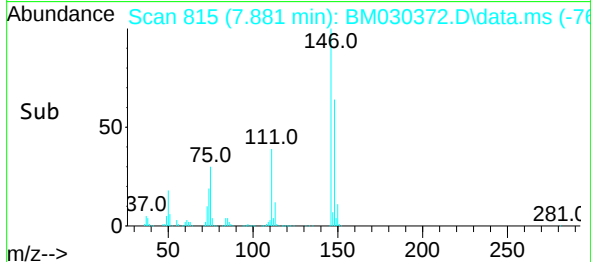
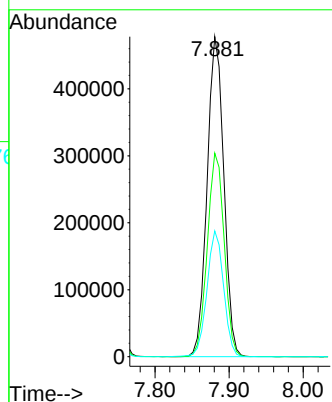
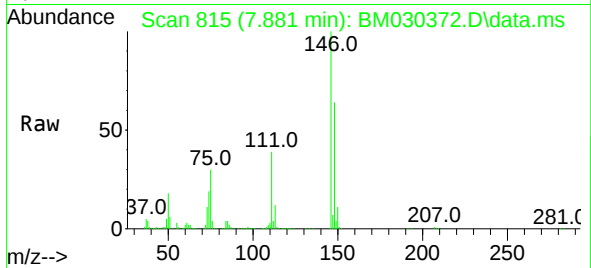




#13  
1,4-Dichlorobenzene  
Concen: 44.490 ng  
RT: 7.881 min Scan# 815  
Delta R.T. -0.006 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

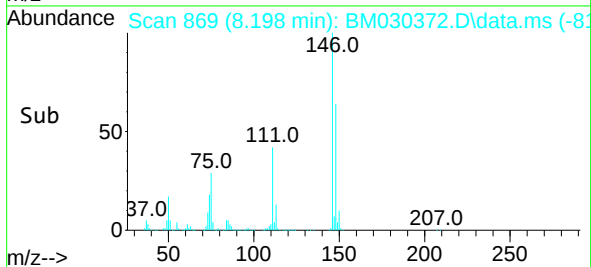
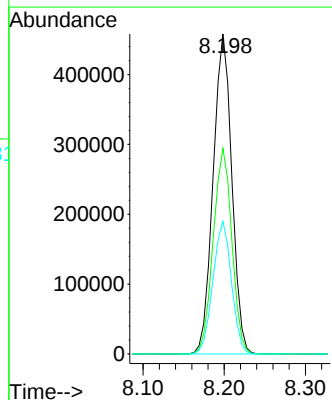
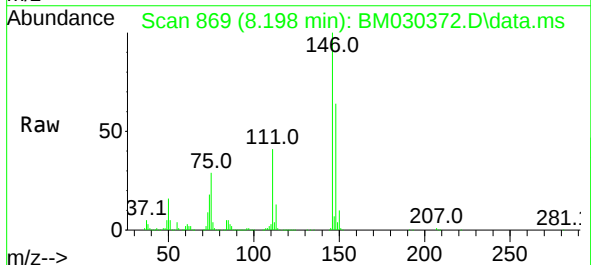
Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(86-90)MSD

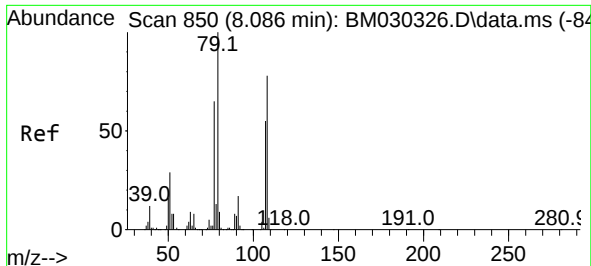
Tgt Ion:146 Resp: 748567  
Ion Ratio Lower Upper  
146 100  
148 63.6 51.8 77.8  
111 39.3 31.0 46.6



#14  
1,2-Dichlorobenzene  
Concen: 44.769 ng  
RT: 8.198 min Scan# 869  
Delta R.T. -0.006 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

Tgt Ion:146 Resp: 732759  
Ion Ratio Lower Upper  
146 100  
148 64.2 51.7 77.5  
111 41.5 32.6 49.0

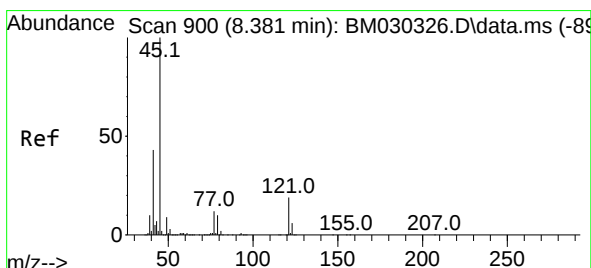
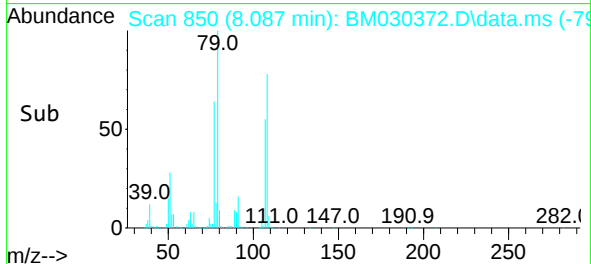
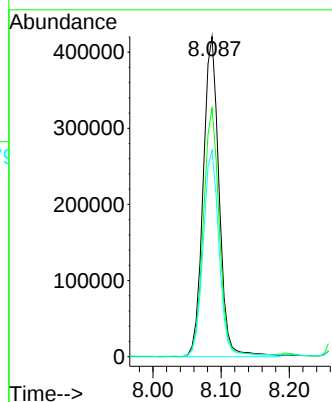
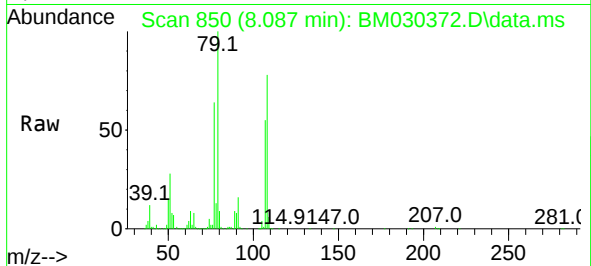




#15  
Benzyl Alcohol  
Concen: 52.727 ng  
RT: 8.087 min Scan# 850  
Delta R.T. 0.000 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

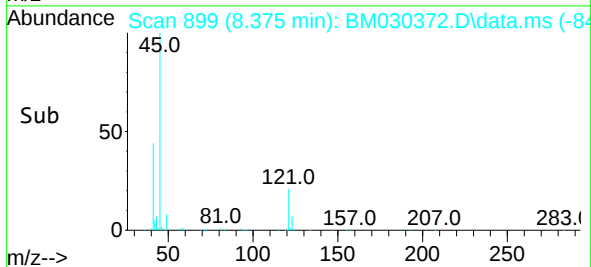
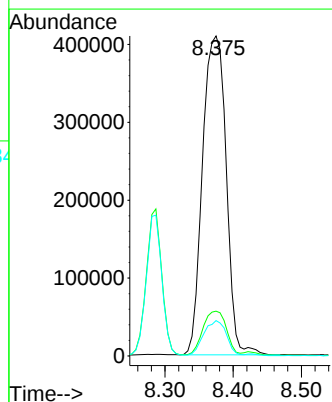
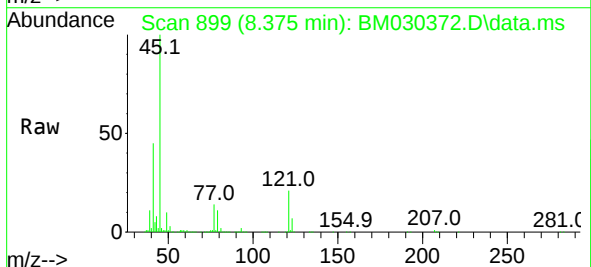
Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(86-90)MSD

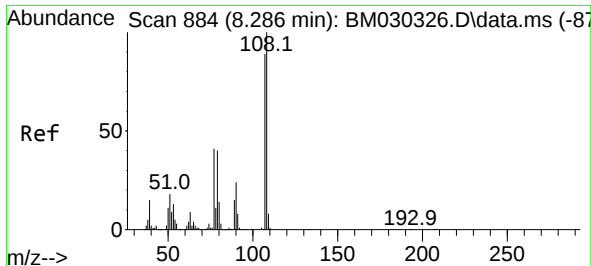
Tgt Ion: 79 Resp: 683954  
Ion Ratio Lower Upper  
79 100  
108 77.7 57.0 85.4  
77 64.5 54.6 81.8



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 41.875 ng  
RT: 8.375 min Scan# 899  
Delta R.T. -0.006 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

Tgt Ion: 45 Resp: 991358  
Ion Ratio Lower Upper  
45 100  
77 14.0 0.0 38.0  
79 11.1 0.0 34.1

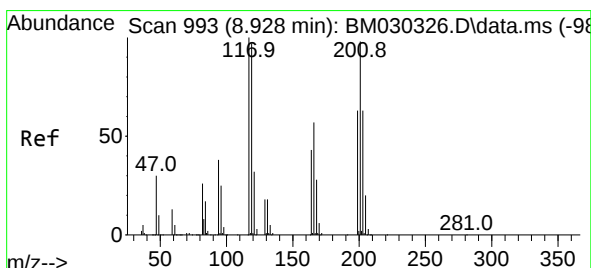
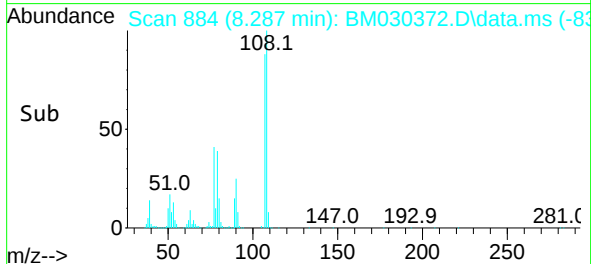
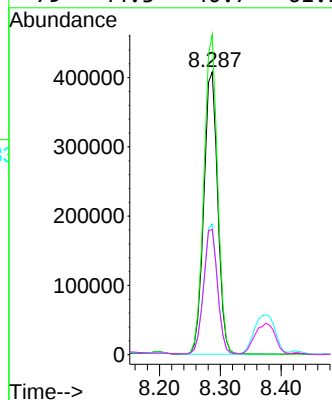
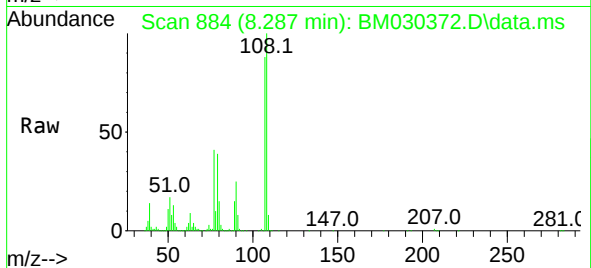




#17  
2-Methylphenol  
Concen: 53.568 ng  
RT: 8.287 min Scan# 884  
Delta R.T. 0.000 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

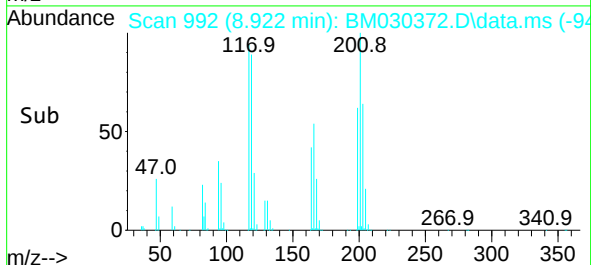
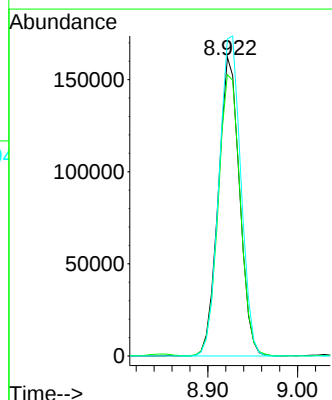
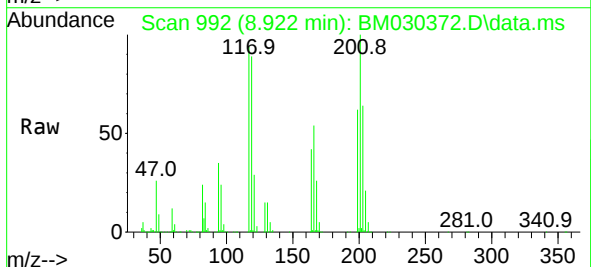
Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(86-90)MSD

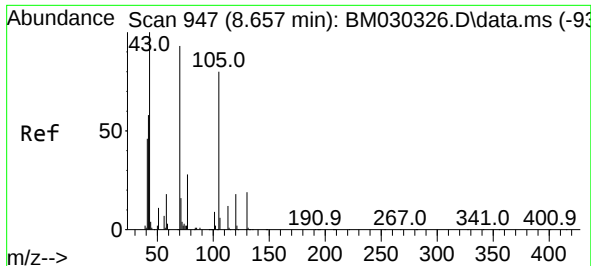
Tgt Ion:107 Resp: 648198  
Ion Ratio Lower Upper  
107 100  
108 113.2 85.0 127.6  
77 46.3 41.3 61.9  
79 44.3 40.7 61.1



#18  
Hexachloroethane  
Concen: 44.194 ng  
RT: 8.922 min Scan# 992  
Delta R.T. -0.006 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

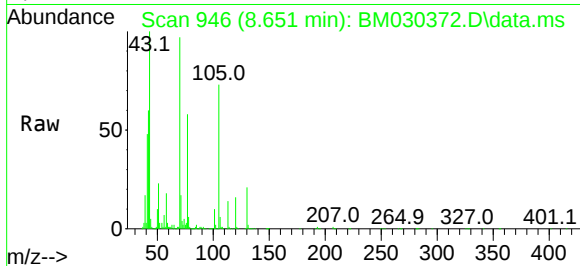
Tgt Ion:117 Resp: 267254  
Ion Ratio Lower Upper  
117 100  
119 94.2 76.2 114.2  
201 106.2 89.8 134.6



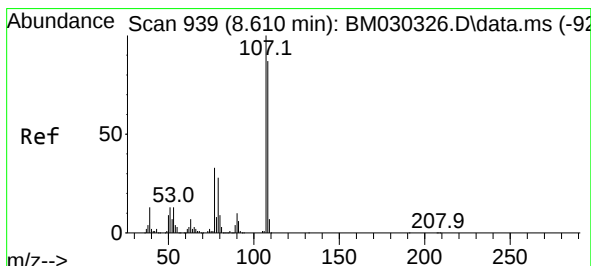
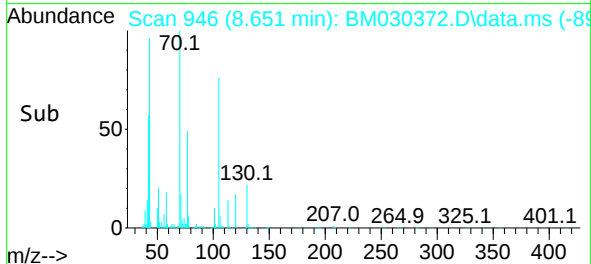
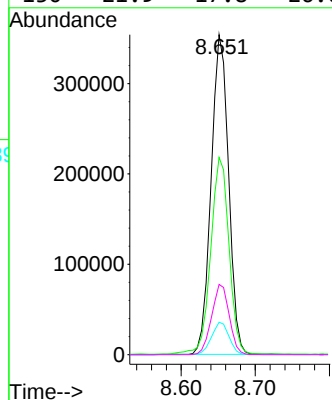


#19  
n-Nitroso-di-n-propylamine  
Concen: 47.030 ng  
RT: 8.651 min Scan# 946  
Delta R.T. -0.006 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(86-90)MSD

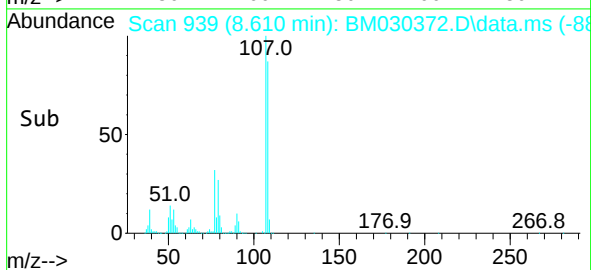
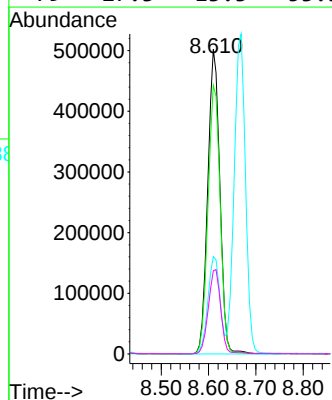
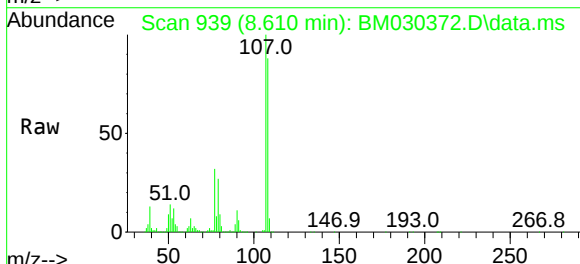


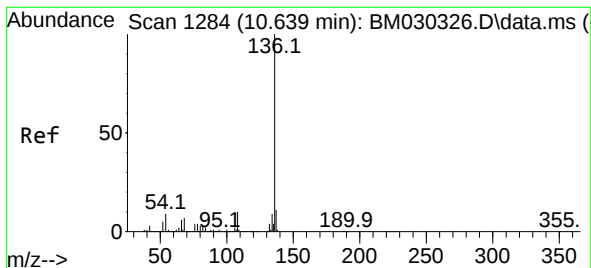
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 577170 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 61.7  | 51.4  | 77.0   |
| 101      | 10.2  | 8.1   | 12.1   |
| 130      | 21.9  | 17.8  | 26.6   |



#20  
3+4-Methylphenols  
Concen: 54.163 ng  
RT: 8.610 min Scan# 939  
Delta R.T. 0.000 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 891704 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 88.2  | 69.9  | 109.9  |
| 77       | 32.0  | 17.3  | 57.3   |
| 79       | 27.3  | 13.3  | 53.3   |

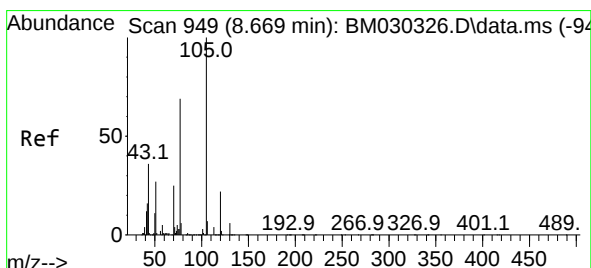
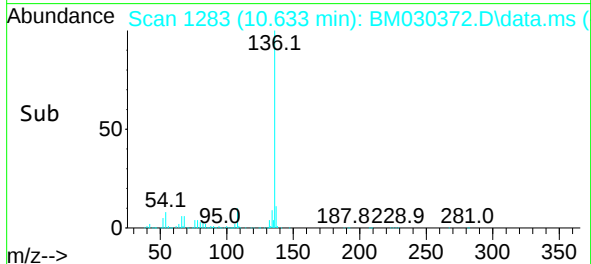
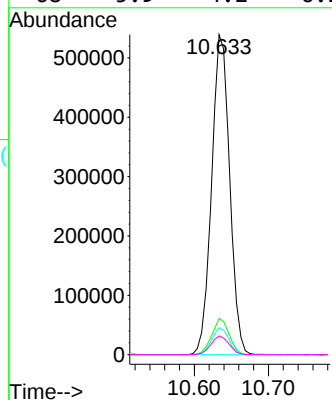
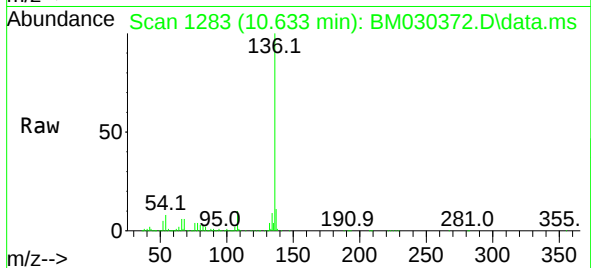




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.633 min Scan# 1283  
Delta R.T. -0.006 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

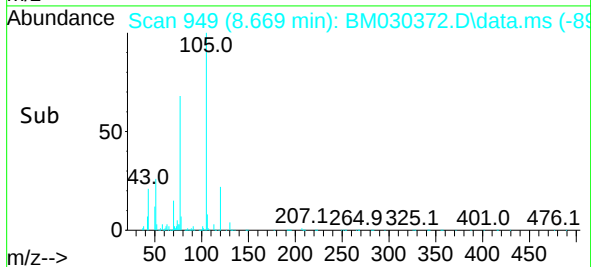
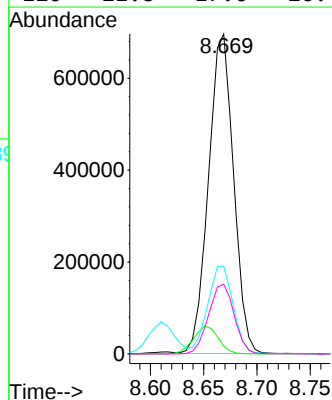
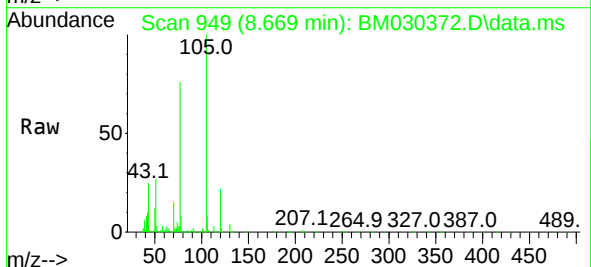
Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(86-90)MSD

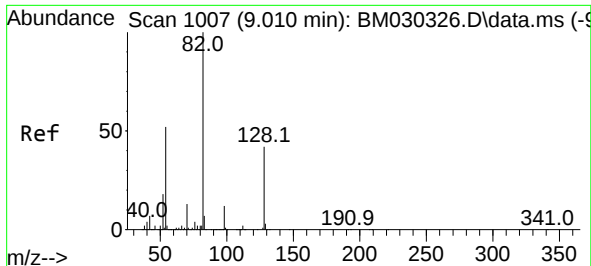
Tgt Ion:136 Resp: 910636  
Ion Ratio Lower Upper  
136 100  
137 11.3 8.4 12.6  
54 8.4 5.5 8.3#  
68 5.9 4.2 6.2



#22  
Acetophenone  
Concen: 46.755 ng  
RT: 8.669 min Scan# 949  
Delta R.T. 0.000 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

Tgt Ion:105 Resp: 1137552  
Ion Ratio Lower Upper  
105 100  
71 2.5 3.4 5.0#  
51 27.4 22.2 33.4  
120 21.8 17.6 26.4

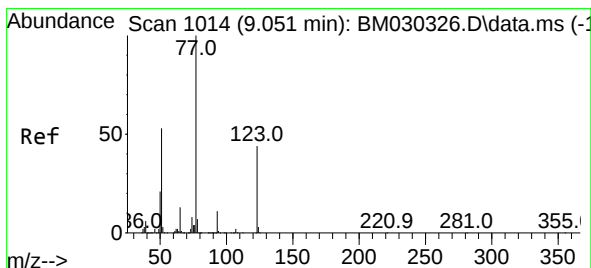
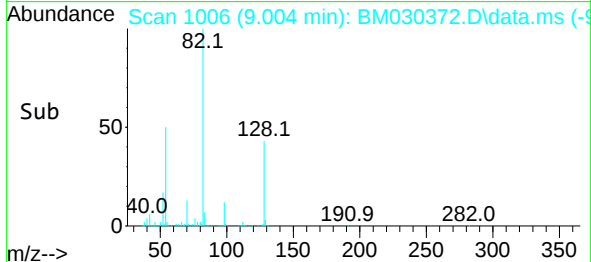
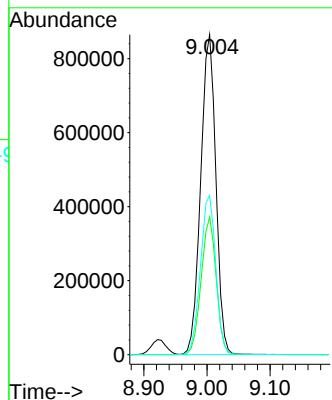
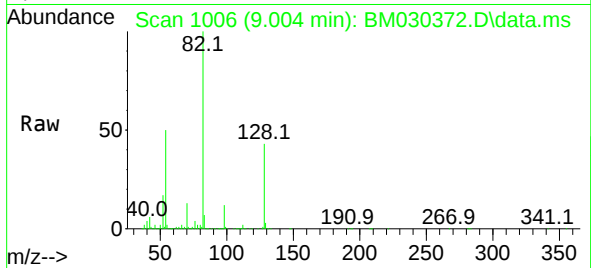




#23  
Nitrobenzene-d5  
Concen: 77.169 ng  
RT: 9.004 min Scan# 1006  
Delta R.T. -0.006 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

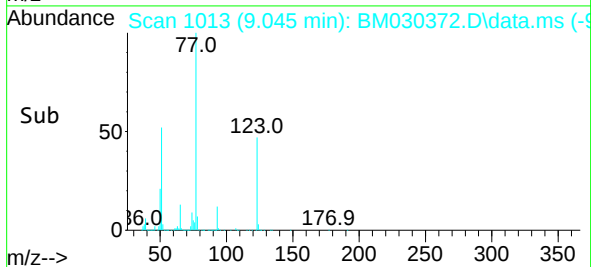
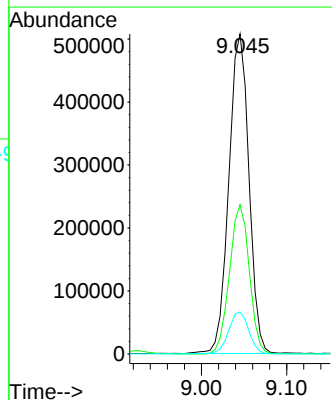
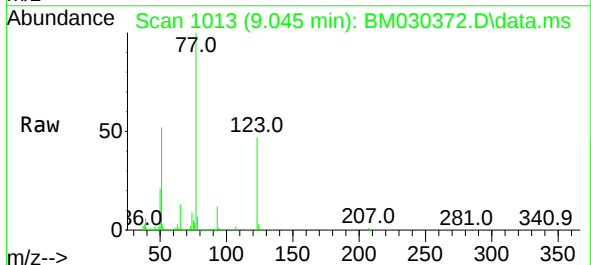
Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(86-90)MSD

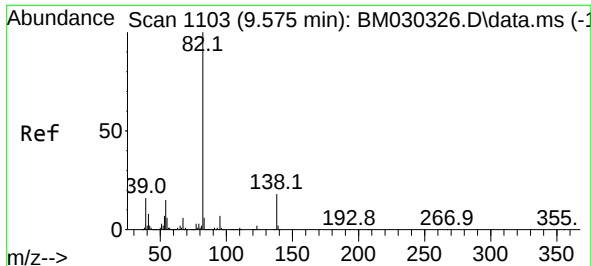
Tgt Ion: 82 Resp: 1442459  
Ion Ratio Lower Upper  
82 100  
128 43.1 31.1 46.7  
54 49.8 37.3 55.9



#24  
Nitrobenzene  
Concen: 42.559 ng  
RT: 9.045 min Scan# 1013  
Delta R.T. -0.006 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

Tgt Ion: 77 Resp: 829838  
Ion Ratio Lower Upper  
77 100  
123 46.6 34.0 51.0  
65 13.1 11.0 16.4

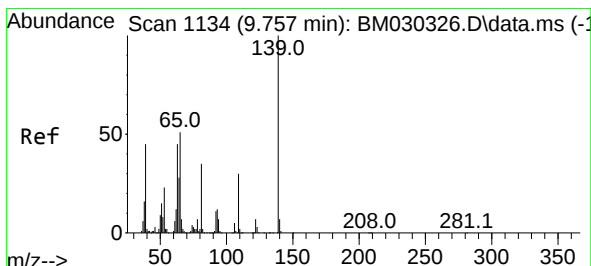
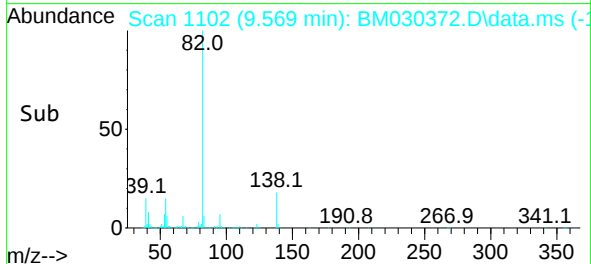
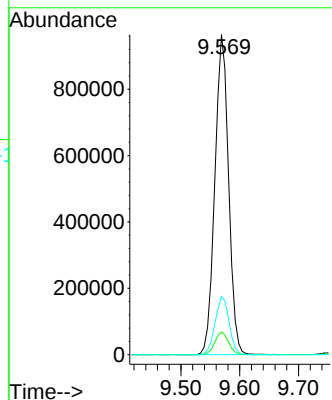
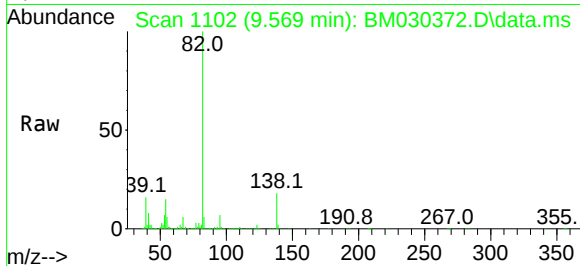




#25  
Isophorone  
Concen: 43.637 ng  
RT: 9.569 min Scan# 1102  
Delta R.T. -0.006 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

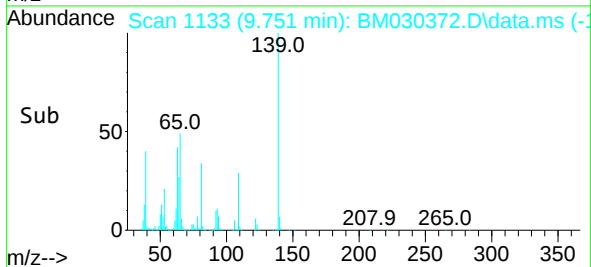
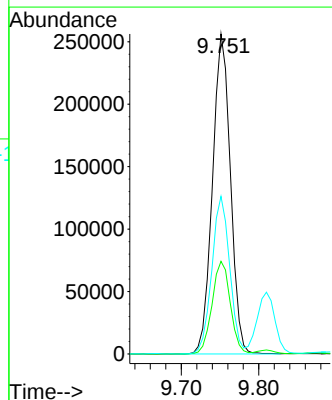
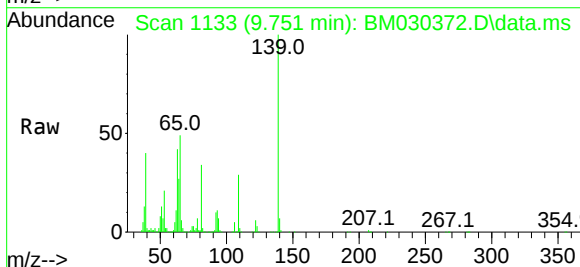
Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(86-90)MSD

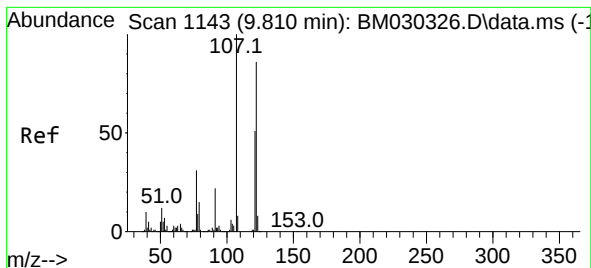
Tgt Ion: 82 Resp: 1563325  
Ion Ratio Lower Upper  
82 100  
95 7.1 6.3 9.5  
138 18.2 14.5 21.7



#26  
2-Nitrophenol  
Concen: 48.266 ng  
RT: 9.751 min Scan# 1133  
Delta R.T. -0.006 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

Tgt Ion:139 Resp: 412244  
Ion Ratio Lower Upper  
139 100  
109 28.9 26.7 40.1  
65 49.2 41.9 62.9

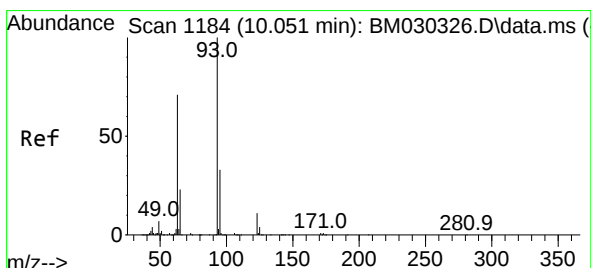
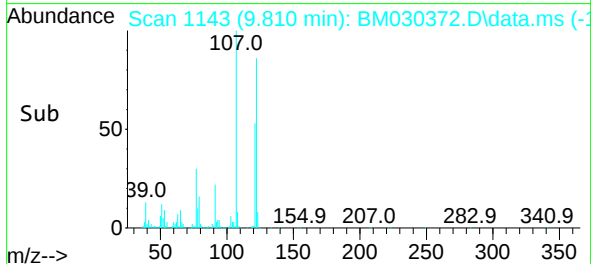
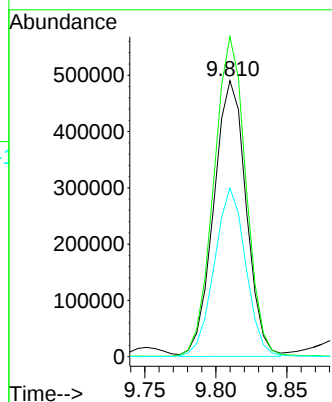
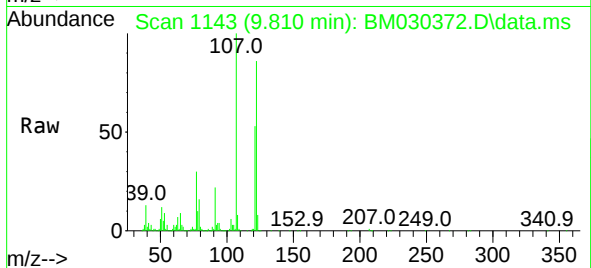




#27  
2,4-Dimethylphenol  
Concen: 56.141 ng  
RT: 9.810 min Scan# 1143  
Delta R.T. 0.000 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

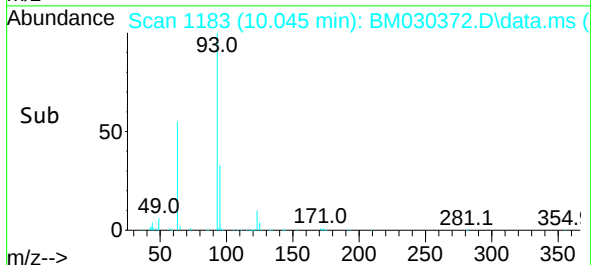
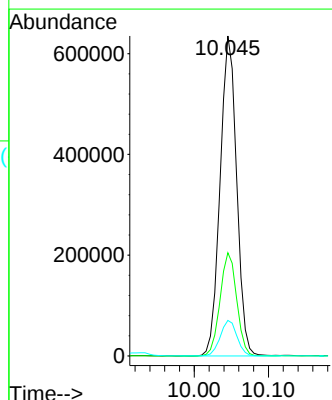
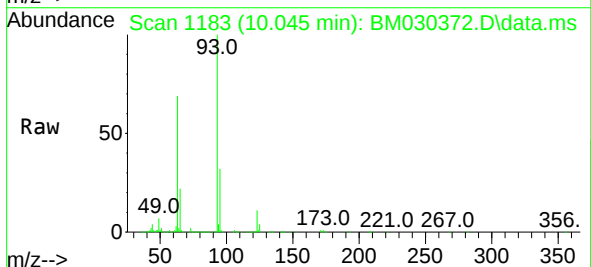
Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(86-90)MSD

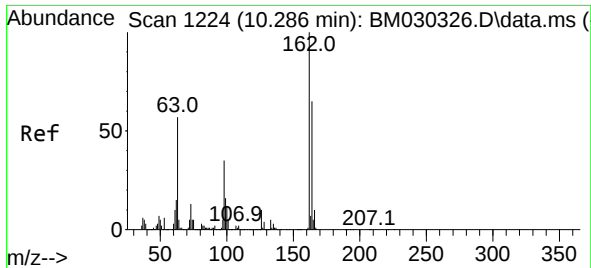
Tgt Ion:122 Resp: 778523  
Ion Ratio Lower Upper  
122 100  
107 115.9 95.0 142.6  
121 61.1 48.1 72.1



#28  
bis(2-Chloroethoxy)methane  
Concen: 48.347 ng  
RT: 10.045 min Scan# 1183  
Delta R.T. -0.006 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

Tgt Ion: 93 Resp: 984801  
Ion Ratio Lower Upper  
93 100  
95 32.3 26.2 39.2  
123 11.1 9.3 13.9

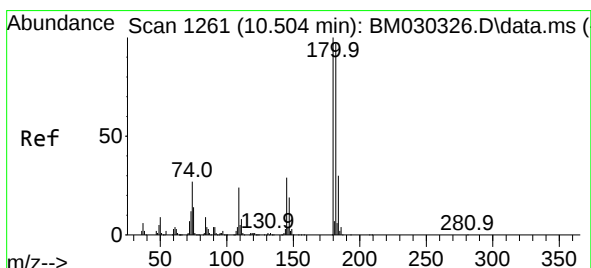
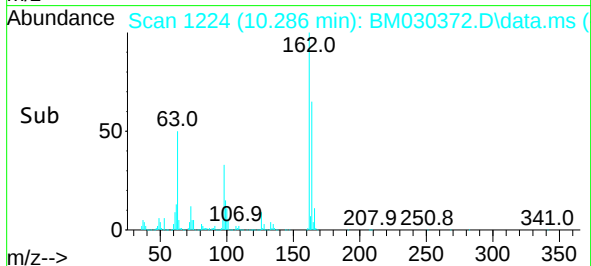
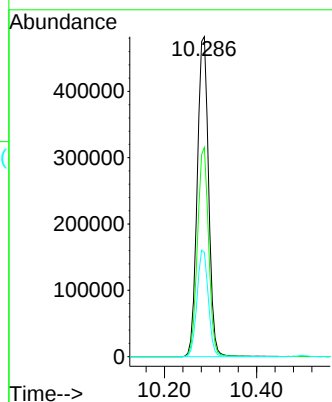
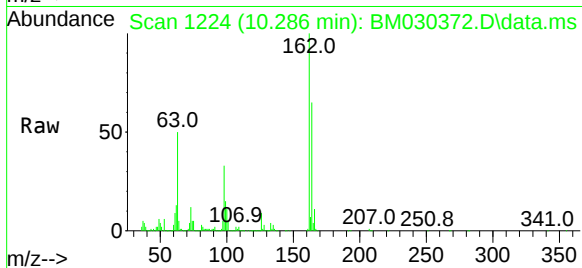




#29  
2,4-Dichlorophenol  
Concen: 53.054 ng  
RT: 10.286 min Scan# 1224  
Delta R.T. 0.000 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

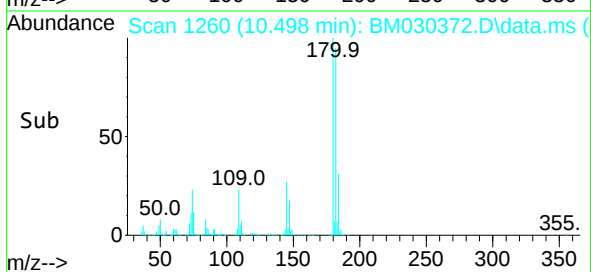
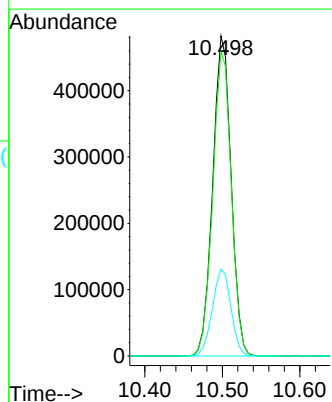
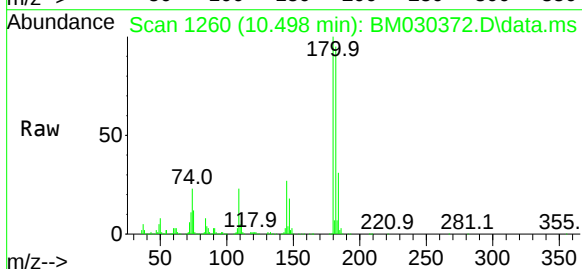
Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(86-90)MSD

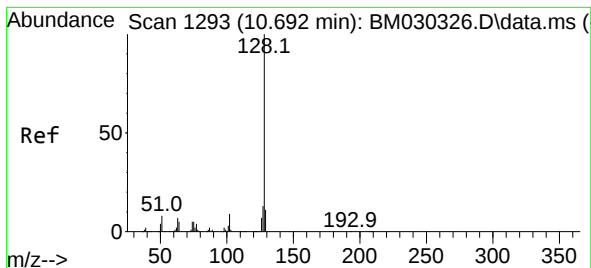
Tgt Ion:162 Resp: 824748  
Ion Ratio Lower Upper  
162 100  
164 65.4 46.5 86.5  
98 32.6 12.1 52.1



#30  
1,2,4-Trichlorobenzene  
Concen: 44.712 ng  
RT: 10.498 min Scan# 1260  
Delta R.T. -0.006 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

Tgt Ion:180 Resp: 793389  
Ion Ratio Lower Upper  
180 100  
182 95.0 76.3 114.5  
145 27.1 22.3 33.5

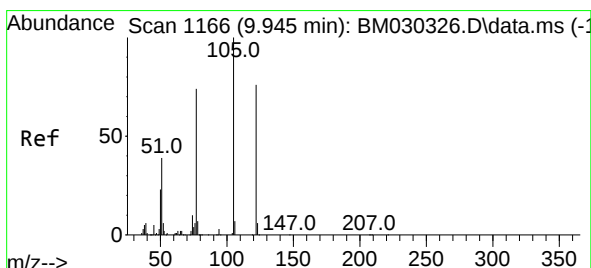
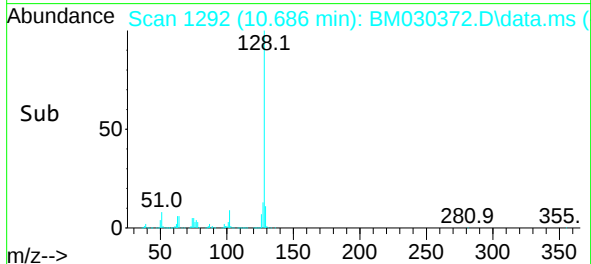
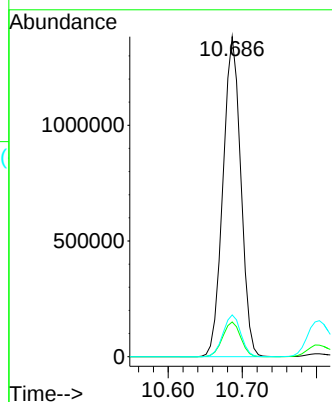
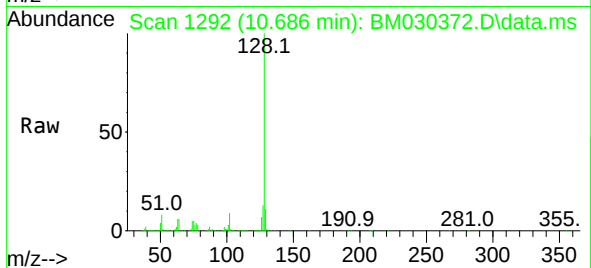




#31  
Naphthalene  
Concen: 43.509 ng  
RT: 10.686 min Scan# 1292  
Delta R.T. -0.006 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

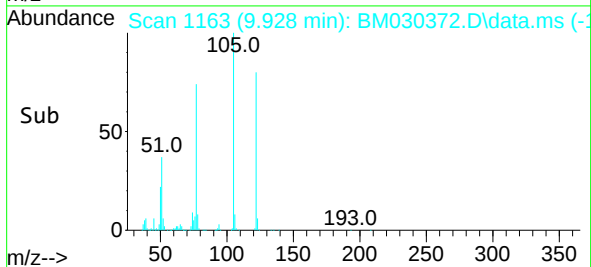
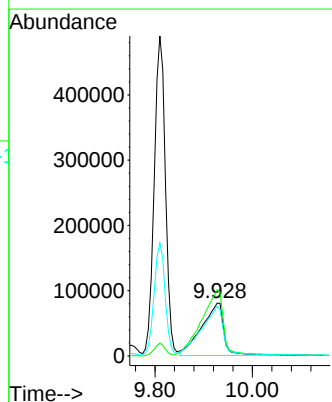
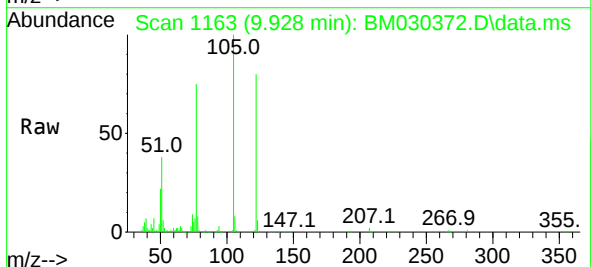
Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(86-90)MSD

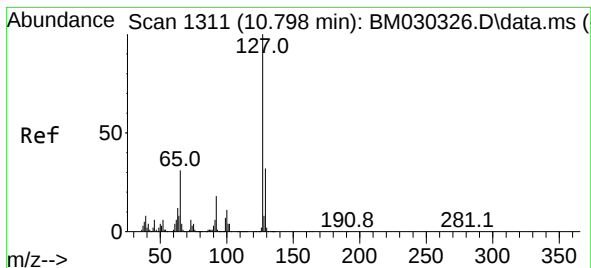
Tgt Ion:128 Resp: 2307990  
Ion Ratio Lower Upper  
128 100  
129 10.8 9.0 13.6  
127 13.1 10.8 16.2



#32  
Benzoic acid  
Concen: 26.161 ng  
RT: 9.928 min Scan# 1163  
Delta R.T. -0.017 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

Tgt Ion:122 Resp: 254405  
Ion Ratio Lower Upper  
122 100  
105 125.2 107.3 147.3  
77 94.3 88.0 128.0



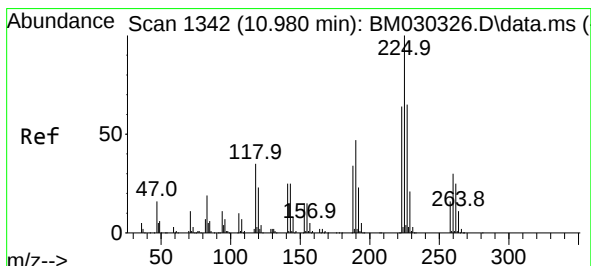
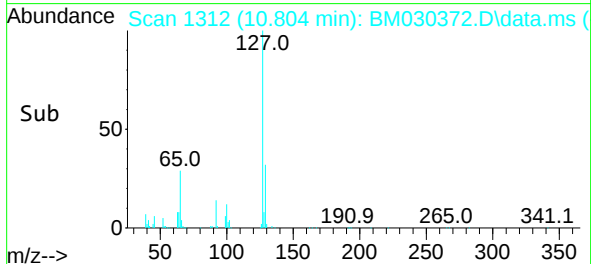
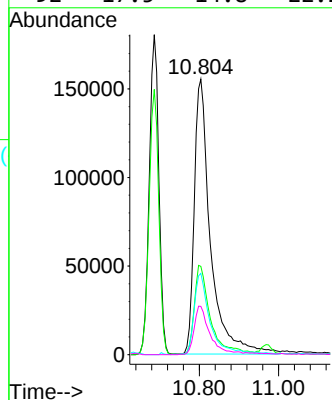
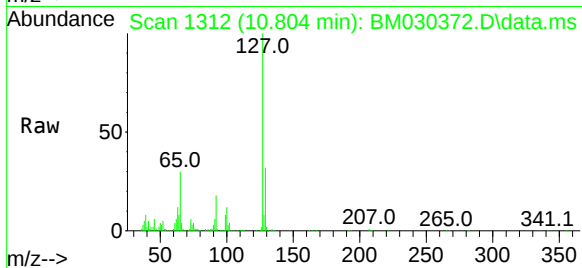


#33  
4-Chloroaniline  
Concen: 20.464 ng  
RT: 10.804 min Scan# 1312  
Delta R.T. 0.006 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(86-90)MSD

Tgt Ion:127 Resp: 441787

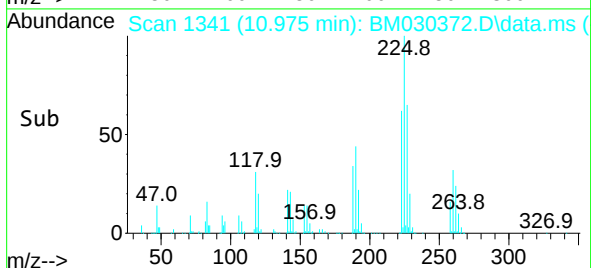
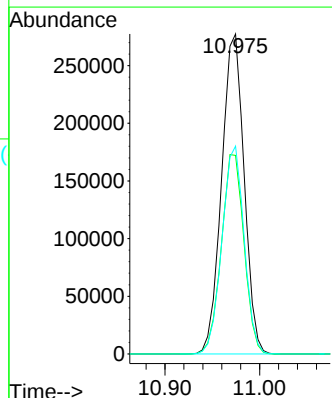
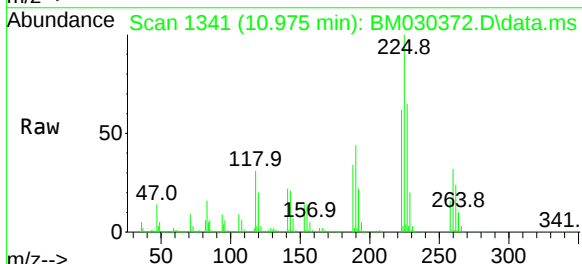
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 127 | 100   |       |       |
| 129 | 32.1  | 26.8  | 40.2  |
| 65  | 29.5  | 25.2  | 37.8  |
| 92  | 17.5  | 14.8  | 22.2  |

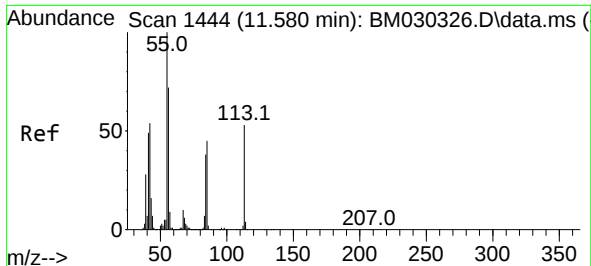


#34  
Hexachlorobutadiene  
Concen: 43.254 ng  
RT: 10.975 min Scan# 1341  
Delta R.T. -0.006 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

Tgt Ion:225 Resp: 458163

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 225 | 100   |       |       |
| 223 | 62.1  | 52.1  | 78.1  |
| 227 | 65.0  | 53.8  | 80.6  |

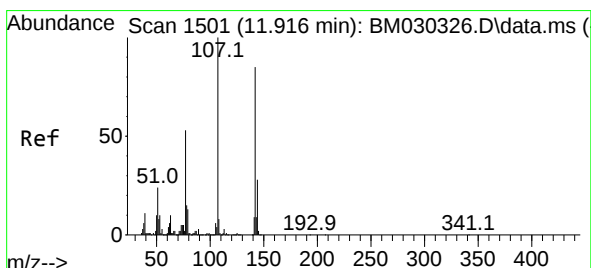
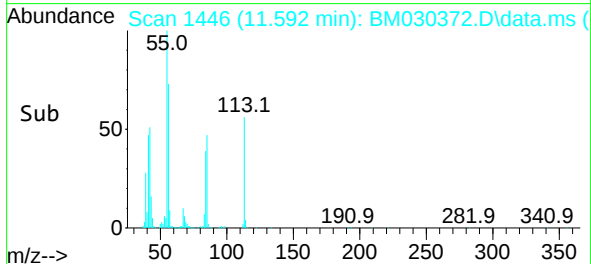
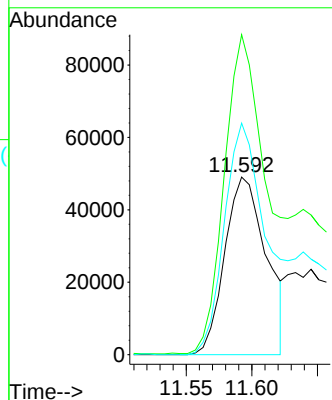
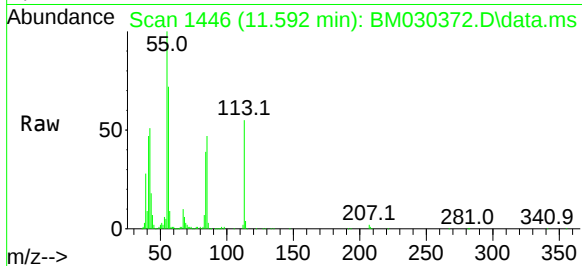




#35  
Caprolactam  
Concen: 23.622 ng  
RT: 11.592 min Scan# 1446  
Delta R.T. 0.012 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

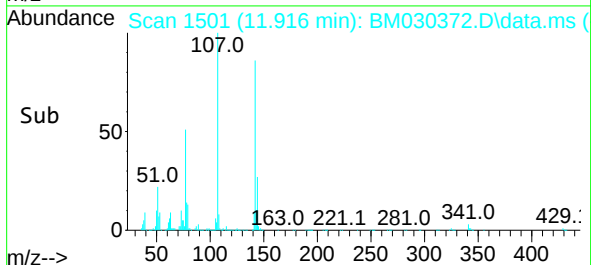
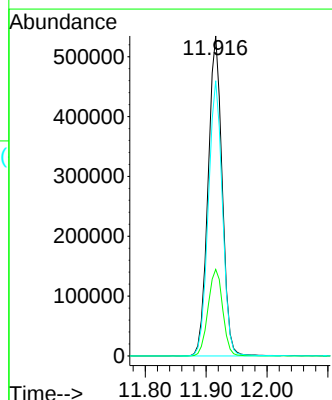
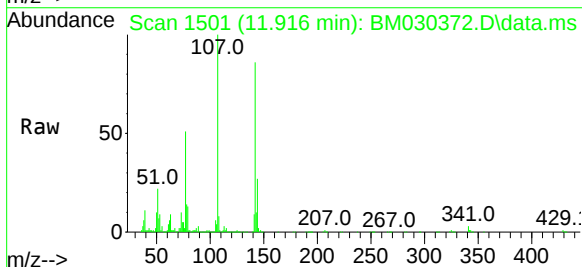
Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(86-90)MSD

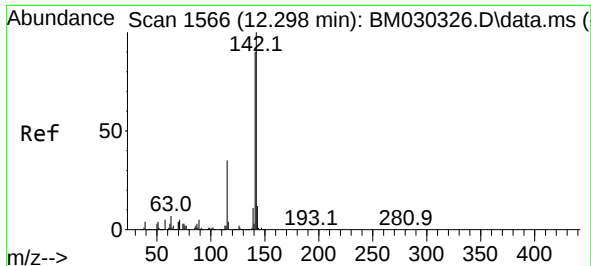
Tgt Ion:113 Resp: 107948  
Ion Ratio Lower Upper  
113 100  
55 180.2 132.0 172.0#  
56 130.4 96.3 136.3



#36  
4-Chloro-3-methylphenol  
Concen: 52.660 ng  
RT: 11.916 min Scan# 1501  
Delta R.T. 0.000 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

Tgt Ion:107 Resp: 857506  
Ion Ratio Lower Upper  
107 100  
144 27.1 22.3 33.5  
142 86.0 69.3 103.9

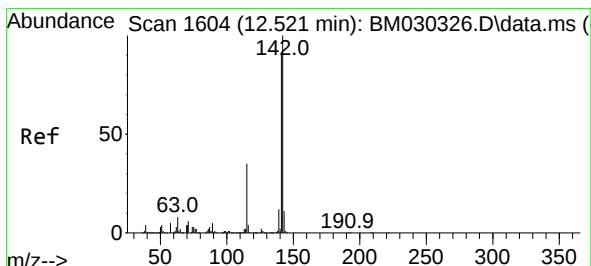
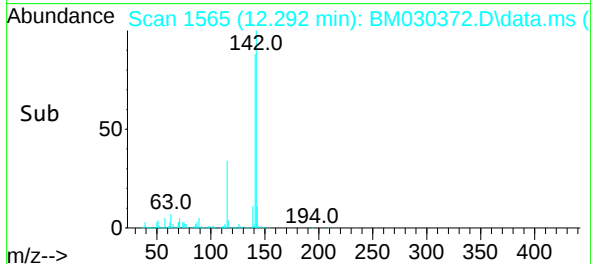
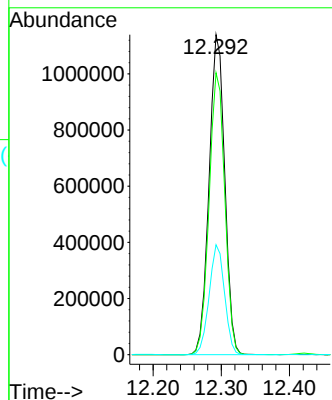
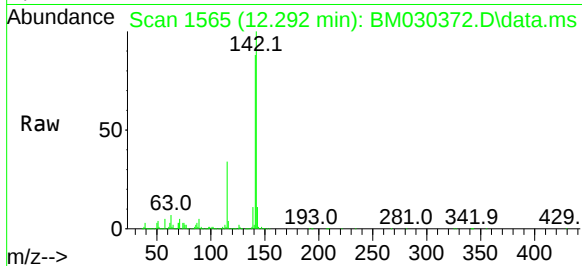




#37  
2-Methylnaphthalene  
Concen: 46.789 ng  
RT: 12.292 min Scan# 1565  
Delta R.T. -0.006 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

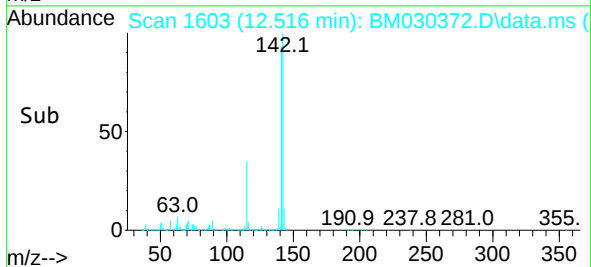
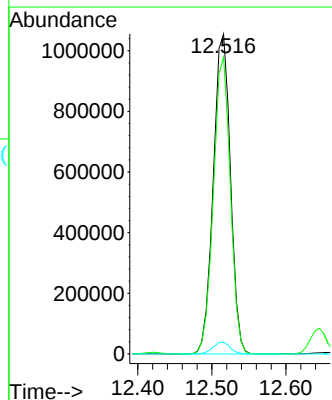
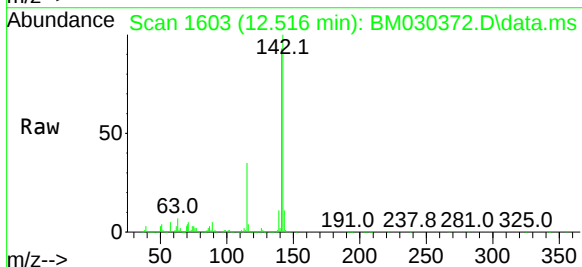
Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(86-90)MSD

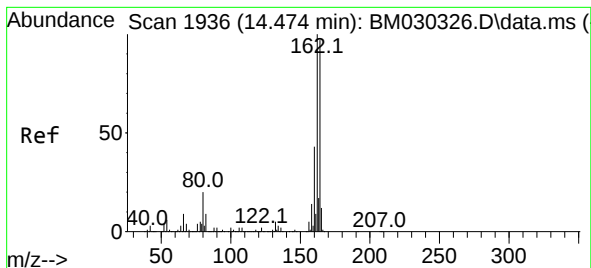
Tgt Ion:142 Resp: 1821084  
Ion Ratio Lower Upper  
142 100  
141 88.1 71.7 107.5  
115 34.3 29.1 43.7



#38  
1-Methylnaphthalene  
Concen: 45.684 ng  
RT: 12.516 min Scan# 1603  
Delta R.T. -0.006 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

Tgt Ion:142 Resp: 1693562  
Ion Ratio Lower Upper  
142 100  
141 92.7 74.2 111.4  
116 3.7 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.468 min Scan# 1935

Delta R.T. -0.006 min

Lab File: BM030372.D

Acq: 10 Jun 2021 13:42

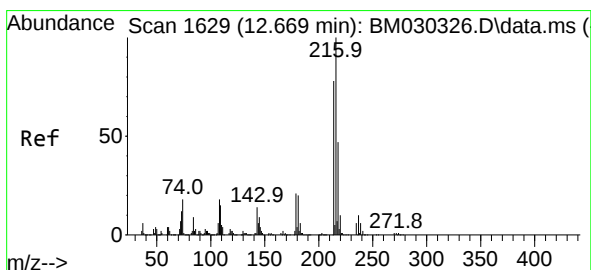
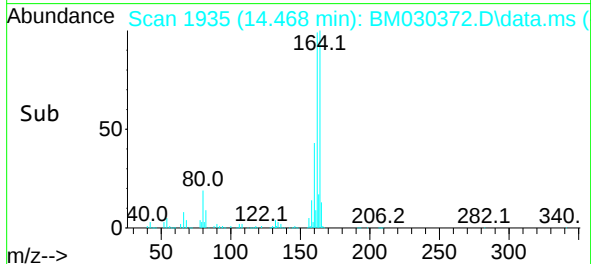
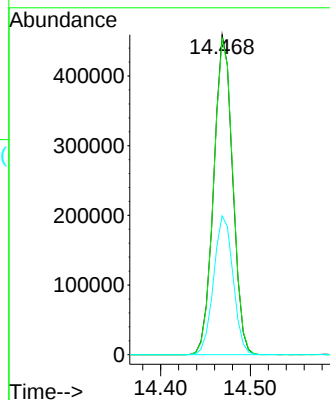
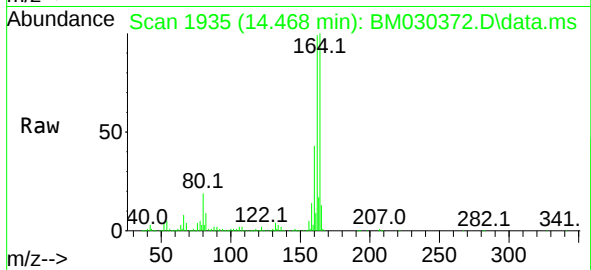
Tgt Ion:164 Resp: 672319

Ion Ratio Lower Upper

164 100

162 98.8 83.4 125.0

160 43.4 37.2 55.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.415 ng

RT: 12.663 min Scan# 1628

Delta R.T. -0.006 min

Lab File: BM030372.D

Acq: 10 Jun 2021 13:42

Tgt Ion:216 Resp: 984180

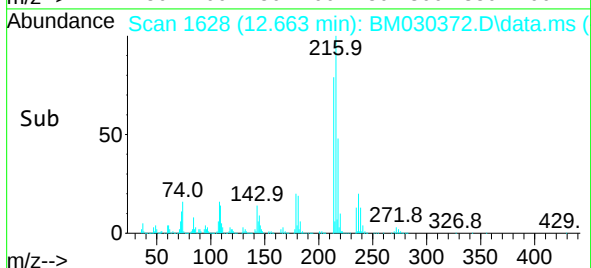
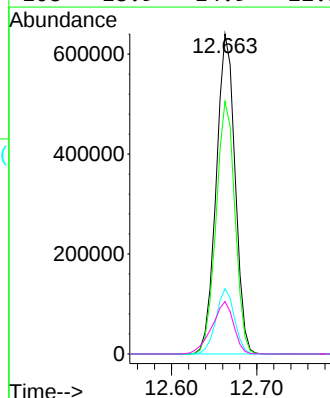
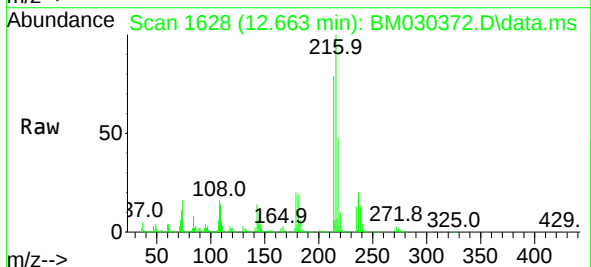
Ion Ratio Lower Upper

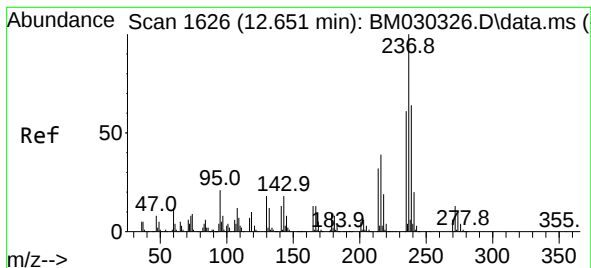
216 100

214 78.8 63.0 94.4

179 19.9 17.6 26.4

108 18.9 14.9 22.3

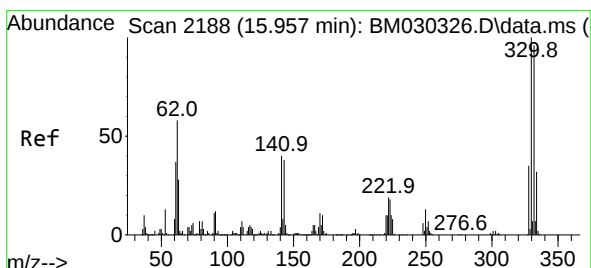
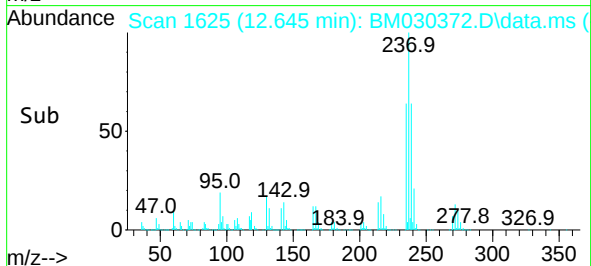
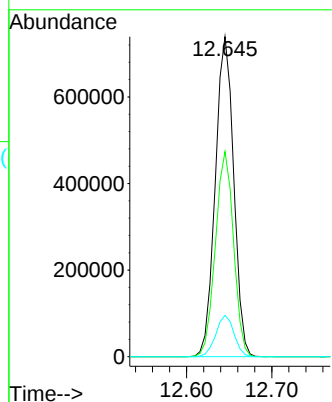
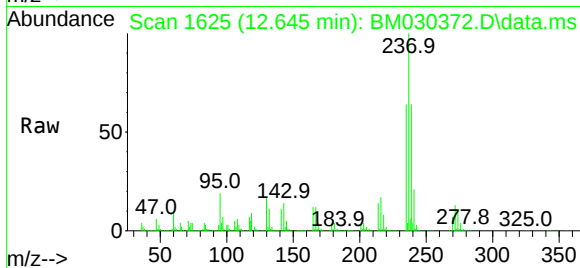




#41  
Hexachlorocyclopentadiene  
Concen: 93.209 ng  
RT: 12.645 min Scan# 1625  
Delta R.T. -0.006 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

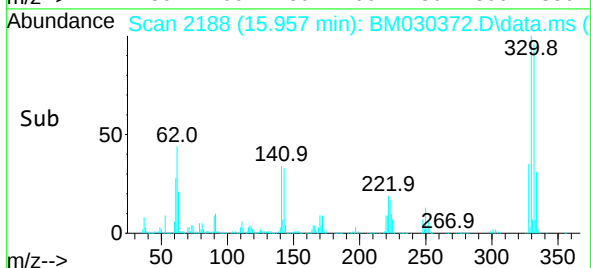
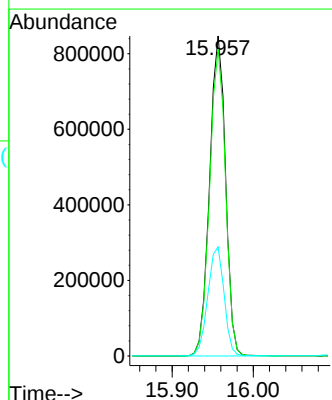
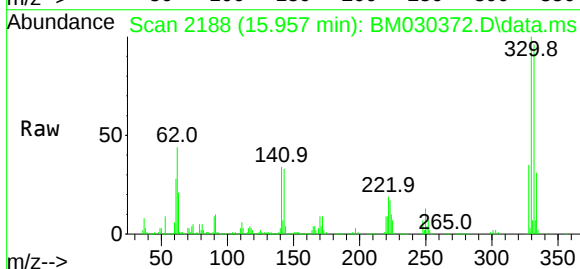
Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(86-90)MSD

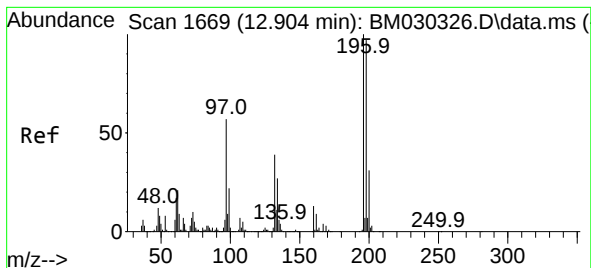
Tgt Ion:237 Resp: 1107514  
Ion Ratio Lower Upper  
237 100  
235 64.1 42.4 82.4  
272 12.9 0.0 31.7



#42  
2,4,6-Tribromophenol  
Concen: 136.302 ng  
RT: 15.957 min Scan# 2188  
Delta R.T. 0.000 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

Tgt Ion:330 Resp: 1152152  
Ion Ratio Lower Upper  
330 100  
332 95.8 77.0 115.4  
141 34.7 30.2 45.2

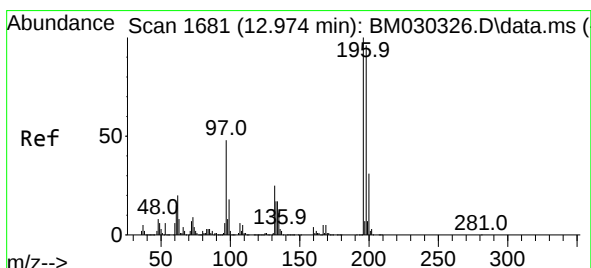
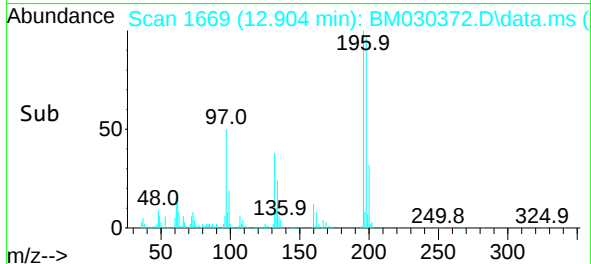
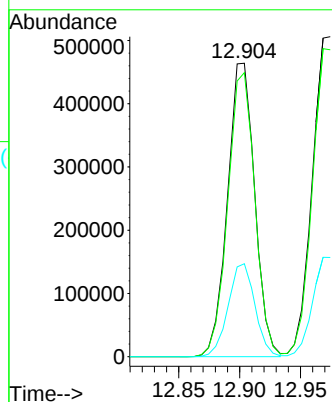
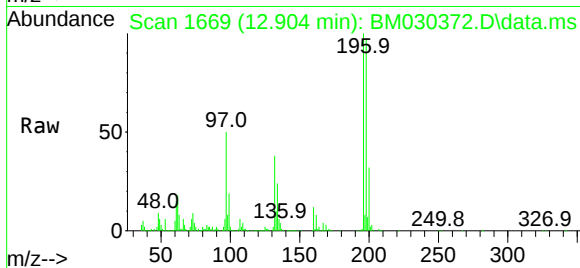




#43  
2,4,6-Trichlorophenol  
Concen: 49.322 ng  
RT: 12.904 min Scan# 1669  
Delta R.T. 0.000 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

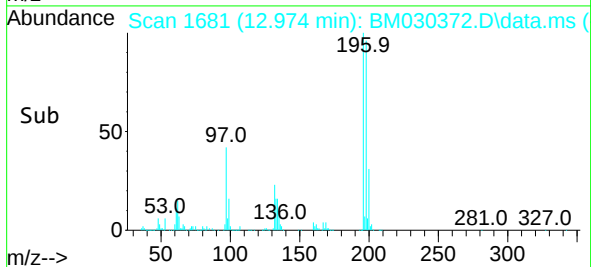
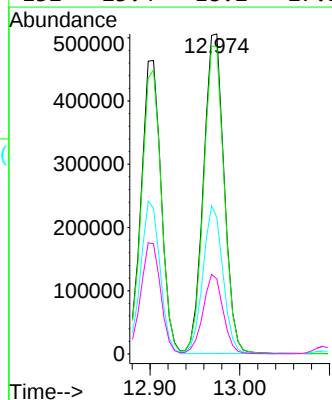
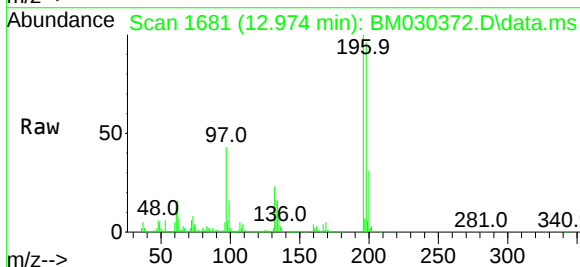
Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(86-90)MSD

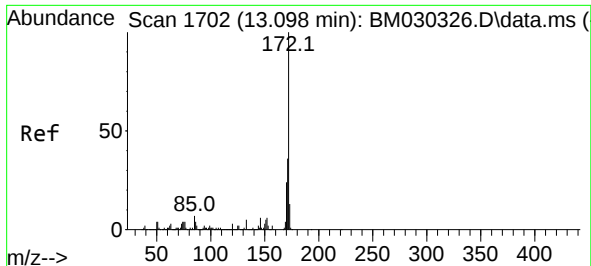
Tgt Ion:196 Resp: 722597  
Ion Ratio Lower Upper  
196 100  
198 96.8 77.6 116.4  
200 31.7 24.6 37.0



#44  
2,4,5-Trichlorophenol  
Concen: 50.192 ng  
RT: 12.974 min Scan# 1681  
Delta R.T. 0.000 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

Tgt Ion:196 Resp: 806581  
Ion Ratio Lower Upper  
196 100  
198 95.9 77.0 115.4  
97 42.7 36.6 55.0  
132 23.4 18.2 27.2

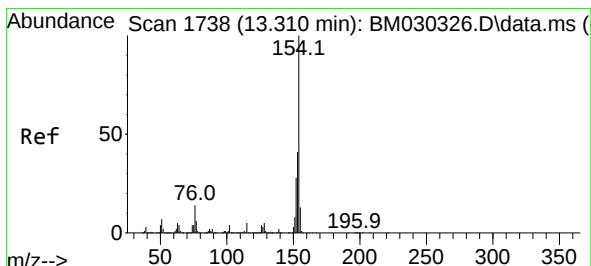
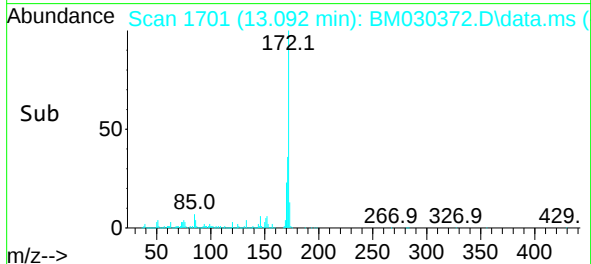
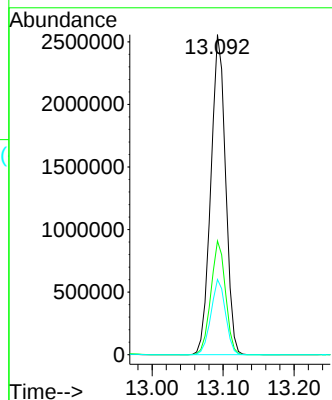
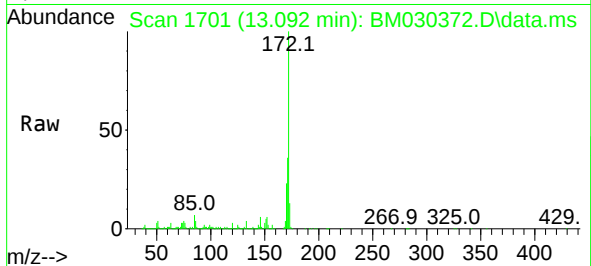




#45  
2-Fluorobiphenyl  
Concen: 72.025 ng  
RT: 13.092 min Scan# 1701  
Delta R.T. -0.006 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

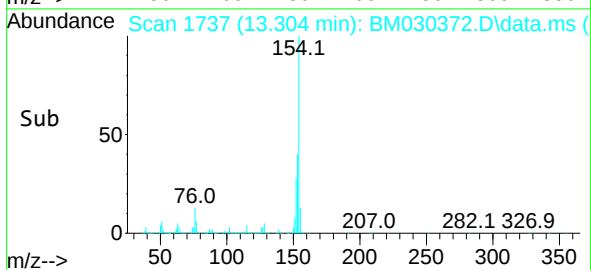
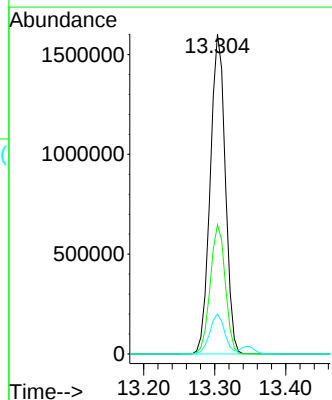
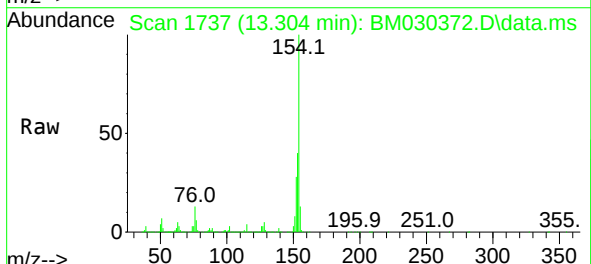
Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(86-90)MSD

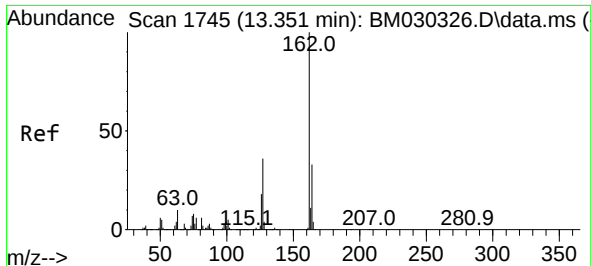
Tgt Ion:172 Resp: 3682264  
Ion Ratio Lower Upper  
172 100  
171 35.5 28.6 43.0  
170 23.5 18.4 27.6



#46  
1,1'-Biphenyl  
Concen: 43.338 ng  
RT: 13.304 min Scan# 1737  
Delta R.T. -0.006 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

Tgt Ion:154 Resp: 2359586  
Ion Ratio Lower Upper  
154 100  
153 40.4 20.7 60.7  
76 12.5 0.0 31.0

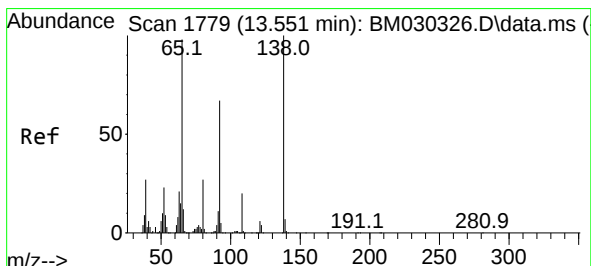
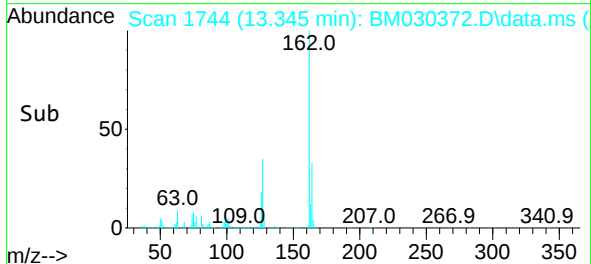
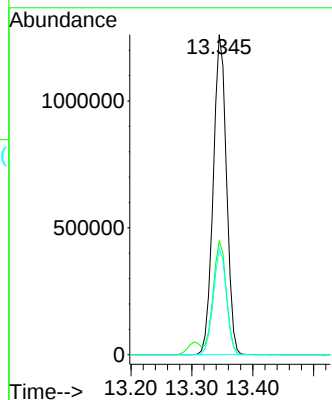
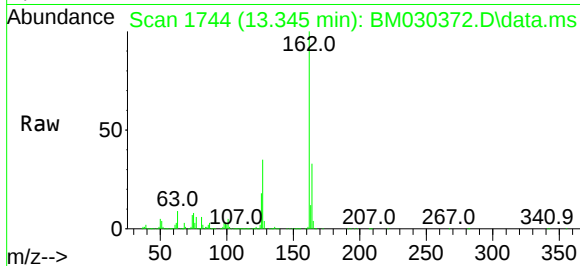




#47  
2-Chloronaphthalene  
Concen: 43.279 ng  
RT: 13.345 min Scan# 1744  
Delta R.T. -0.006 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

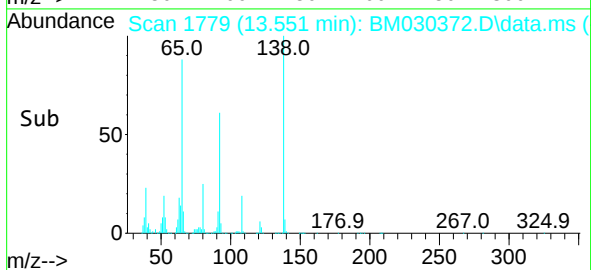
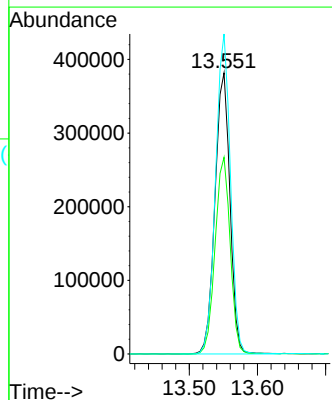
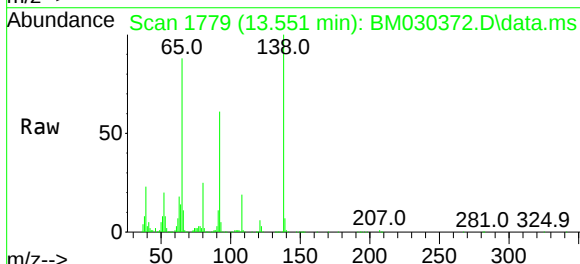
Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(86-90)MSD

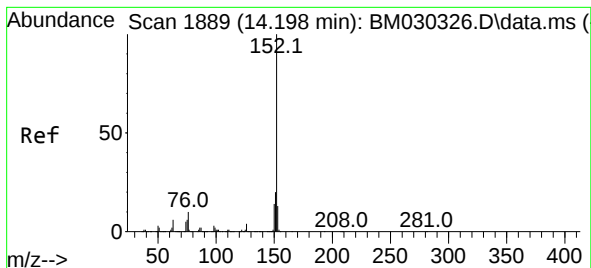
Tgt Ion:162 Resp: 1904603  
Ion Ratio Lower Upper  
162 100  
127 35.4 27.1 40.7  
164 33.0 26.1 39.1



#48  
2-Nitroaniline  
Concen: 44.042 ng  
RT: 13.551 min Scan# 1779  
Delta R.T. -0.000 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

Tgt Ion: 65 Resp: 585736  
Ion Ratio Lower Upper  
65 100  
92 69.9 55.5 83.3  
138 113.8 85.7 128.5





#49

Acenaphthylene

Concen: 45.667 ng

RT: 14.192 min Scan# 1888

Delta R.T. -0.006 min

Lab File: BM030372.D

Acq: 10 Jun 2021 13:42

Instrument :

BNA\_M

ClientSampleId :

18-B12(86-90)MSD

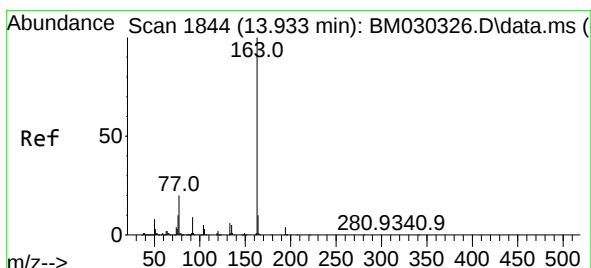
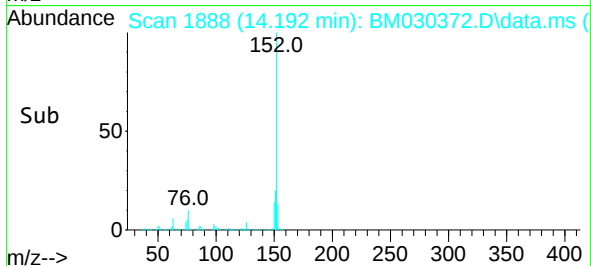
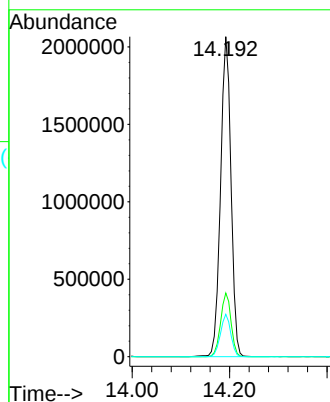
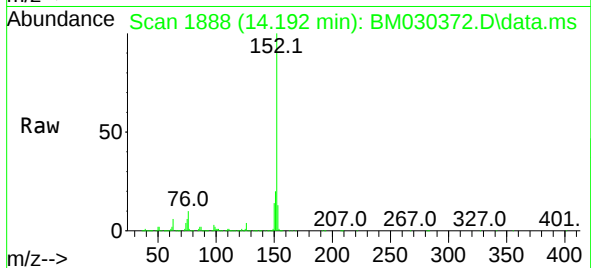
Tgt Ion:152 Resp: 3078728

Ion Ratio Lower Upper

152 100

151 19.9 16.3 24.5

153 13.3 10.2 15.4



#50

Dimethylphthalate

Concen: 46.955 ng

RT: 13.927 min Scan# 1843

Delta R.T. -0.006 min

Lab File: BM030372.D

Acq: 10 Jun 2021 13:42

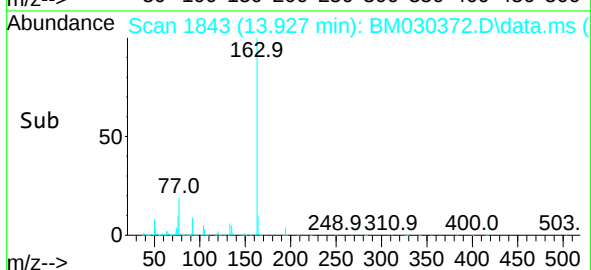
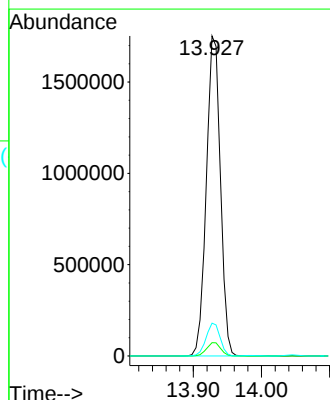
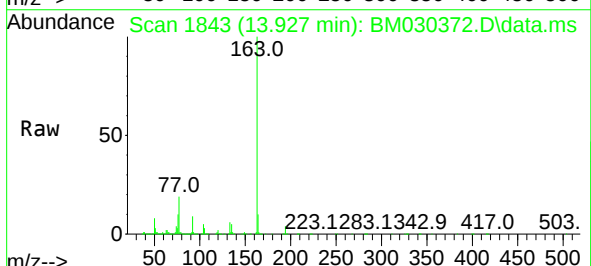
Tgt Ion:163 Resp: 2512378

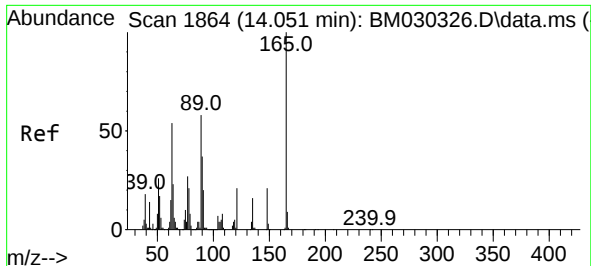
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.3 7.9 11.9

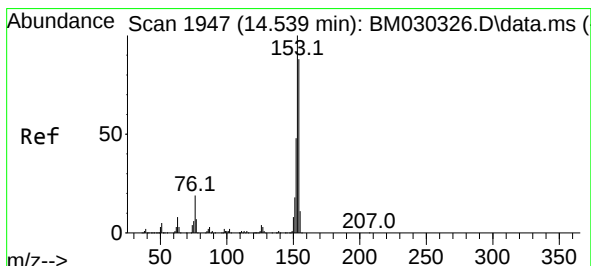
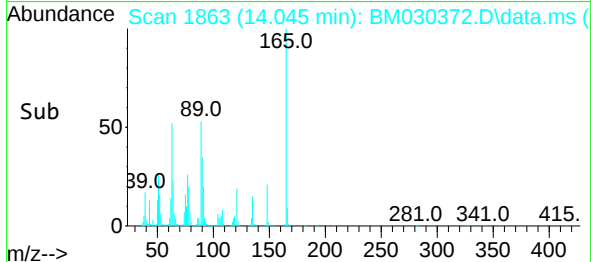
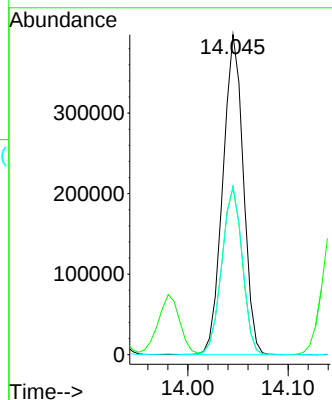
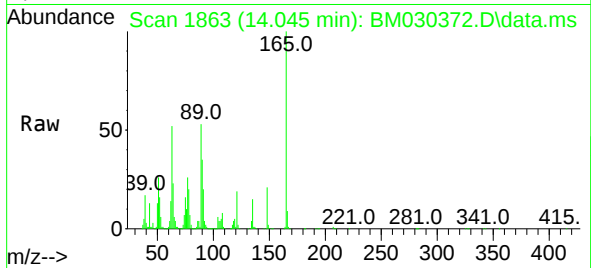




#51  
2,6-Dinitrotoluene  
Concen: 47.728 ng  
RT: 14.045 min Scan# 1863  
Delta R.T. -0.006 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

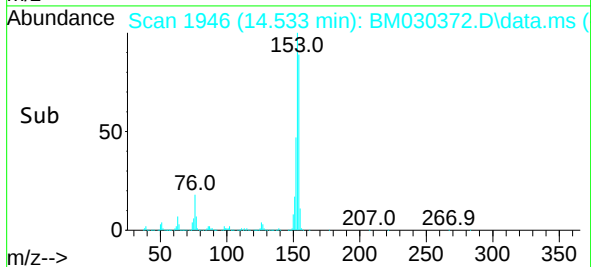
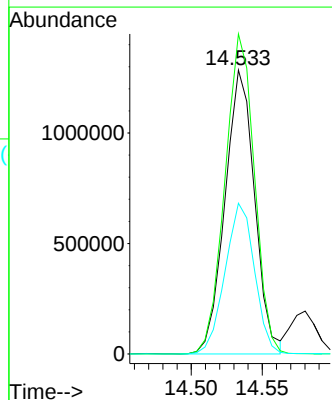
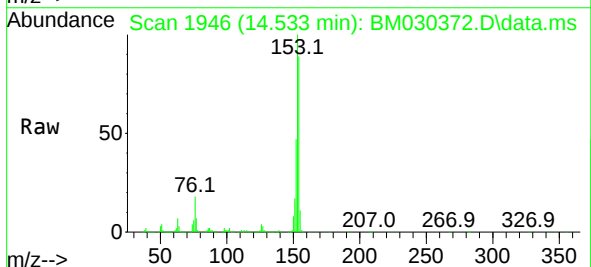
Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(86-90)MSD

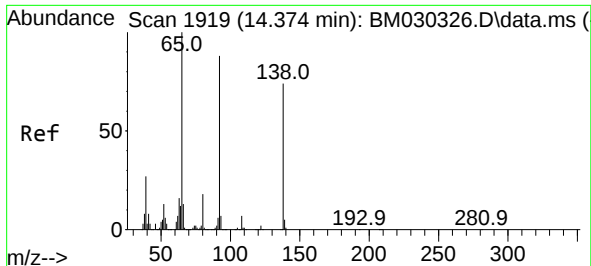
Tgt Ion:165 Resp: 562945  
Ion Ratio Lower Upper  
165 100  
63 52.2 45.3 67.9  
89 52.8 46.3 69.5



#52  
Acenaphthene  
Concen: 43.342 ng  
RT: 14.533 min Scan# 1946  
Delta R.T. -0.006 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

Tgt Ion:154 Resp: 1866454  
Ion Ratio Lower Upper  
154 100  
153 112.8 92.2 138.2  
152 53.1 43.4 65.2

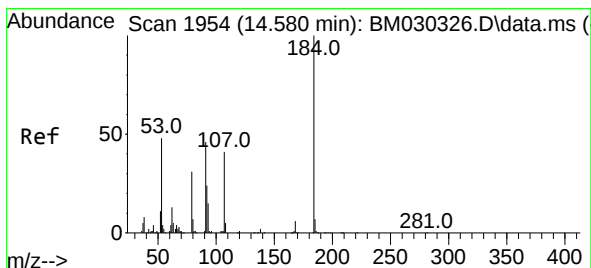
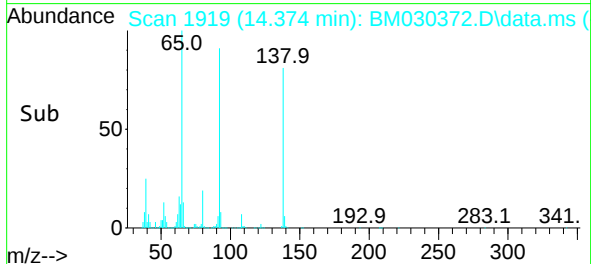
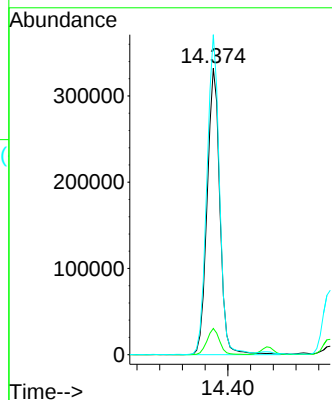
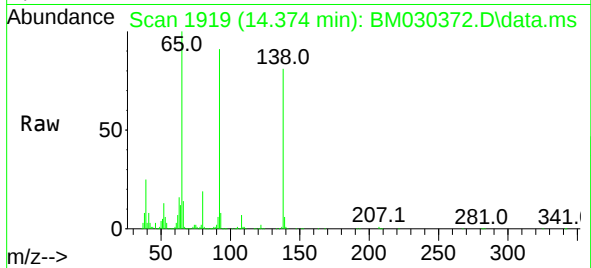




#53  
3-Nitroaniline  
Concen: 39.681 ng  
RT: 14.374 min Scan# 1919  
Delta R.T. 0.000 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

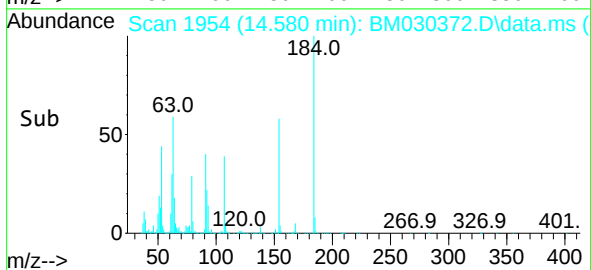
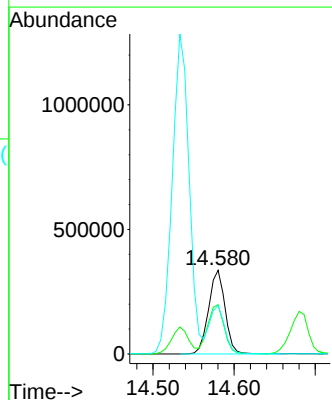
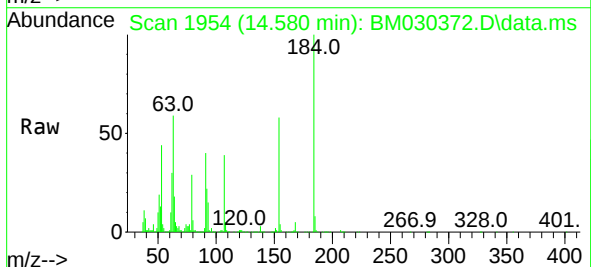
Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(86-90)MSD

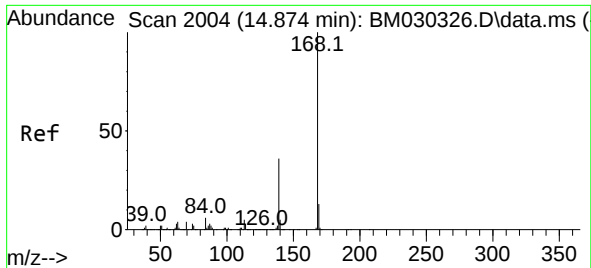
Tgt Ion:138 Resp: 512461  
Ion Ratio Lower Upper  
138 100  
108 9.2 7.7 11.5  
92 111.7 92.6 138.8



#54  
2,4-Dinitrophenol  
Concen: 62.533 ng  
RT: 14.580 min Scan# 1954  
Delta R.T. 0.000 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

Tgt Ion:184 Resp: 472399  
Ion Ratio Lower Upper  
184 100  
63 59.0 54.2 81.2  
154 57.9 56.1 84.1

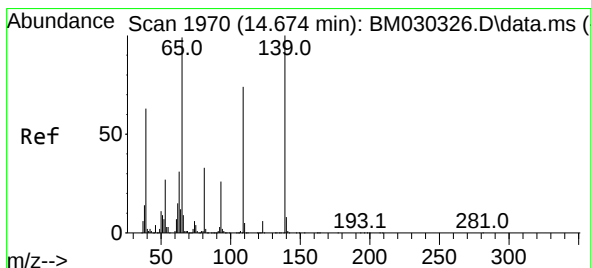
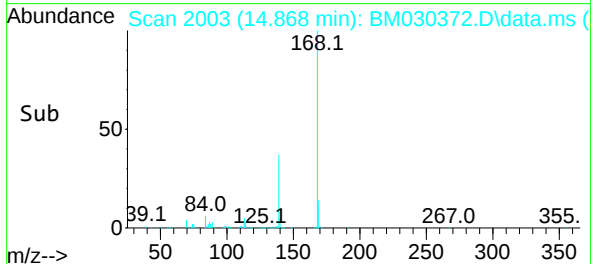
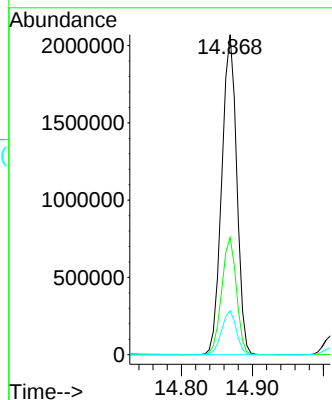
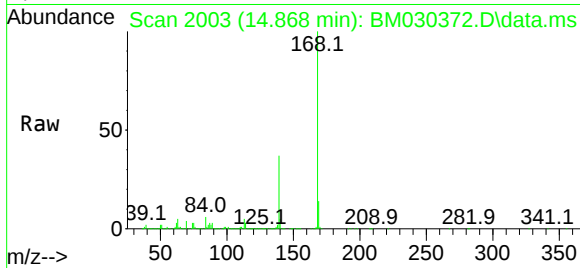




#55  
Dibenzenofuran  
Concen: 43.940 ng  
RT: 14.868 min Scan# 2003  
Delta R.T. -0.006 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

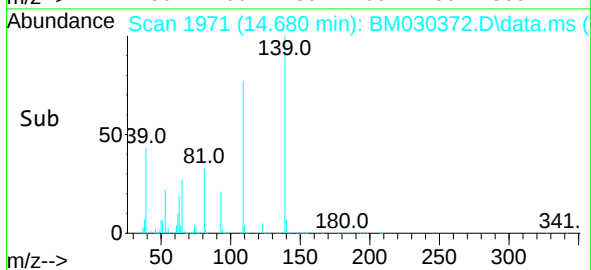
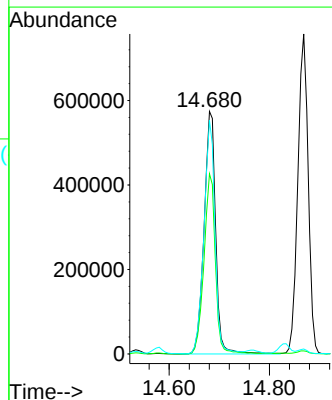
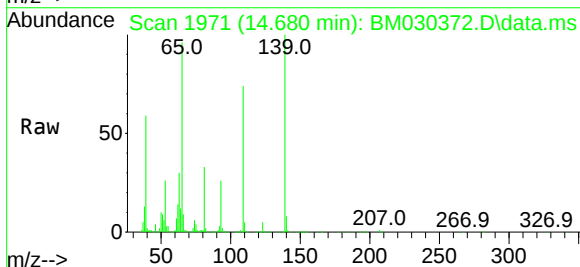
Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(86-90)MSD

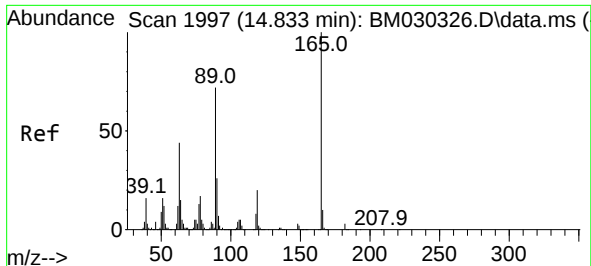
Tgt Ion:168 Resp: 3010791  
Ion Ratio Lower Upper  
168 100  
139 36.6 29.4 44.0  
169 13.7 10.8 16.2



#56  
4-Nitrophenol  
Concen: 92.015 ng  
RT: 14.680 min Scan# 1971  
Delta R.T. 0.006 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

Tgt Ion:139 Resp: 921567  
Ion Ratio Lower Upper  
139 100  
109 74.3 64.5 104.5  
65 96.4 78.9 118.9

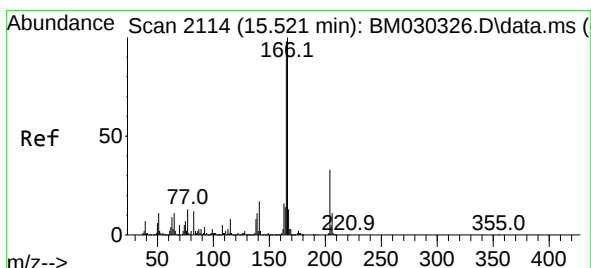
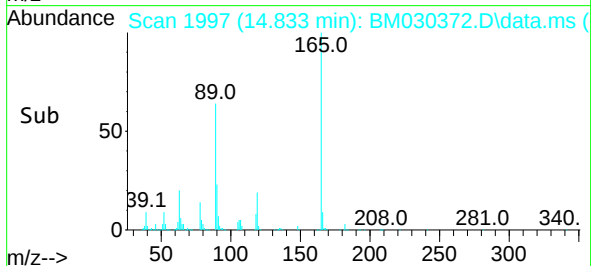
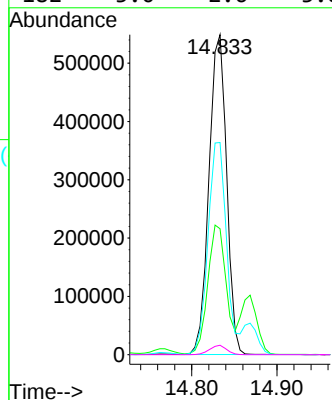
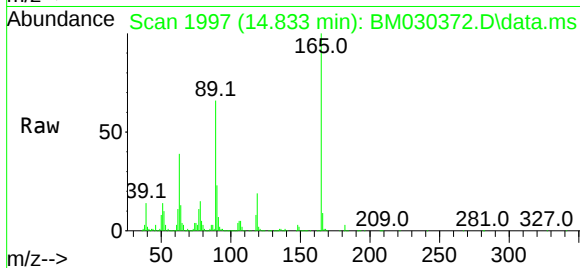




#57  
2,4-Dinitrotoluene  
Concen: 47.447 ng  
RT: 14.833 min Scan# 1997  
Delta R.T. 0.000 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

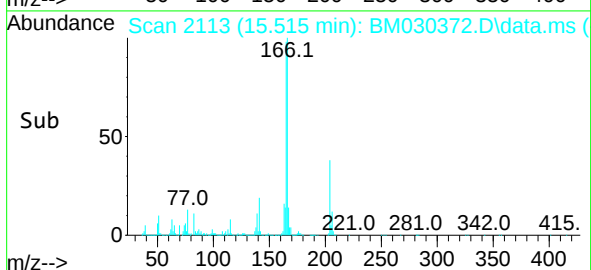
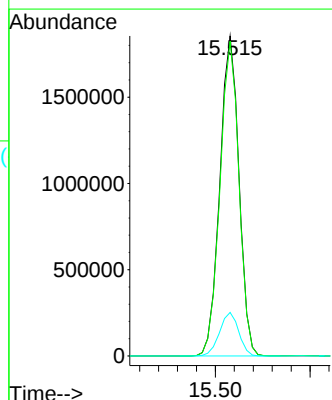
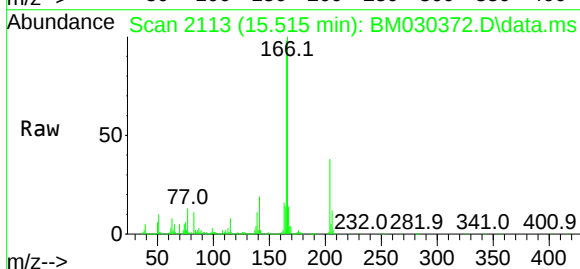
Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(86-90)MSD

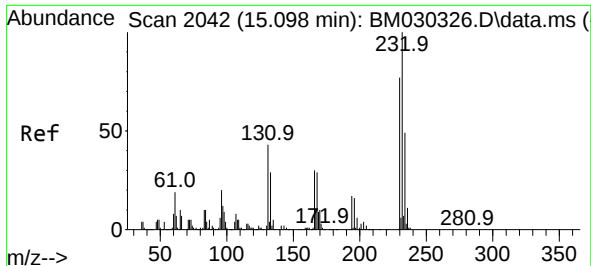
Tgt Ion:165 Resp: 790448  
Ion Ratio Lower Upper  
165 100  
63 39.4 35.0 52.4  
89 66.3 55.2 82.8  
182 3.0 2.6 3.8



#58  
Fluorene  
Concen: 46.078 ng  
RT: 15.515 min Scan# 2113  
Delta R.T. -0.006 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

Tgt Ion:166 Resp: 2604756  
Ion Ratio Lower Upper  
166 100  
165 98.3 79.0 118.6  
167 13.6 10.8 16.2



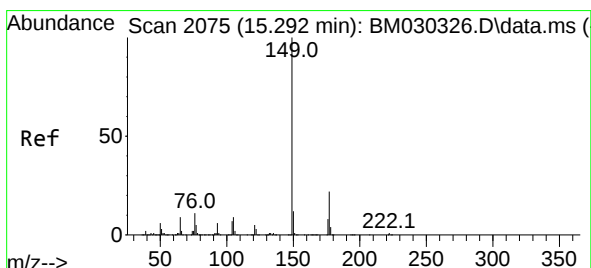
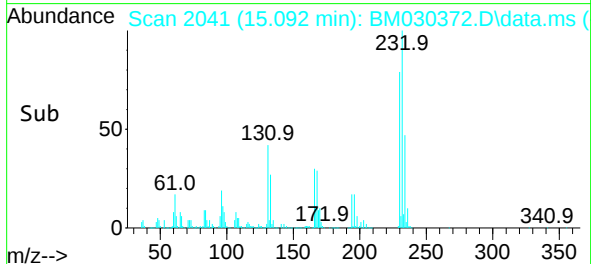
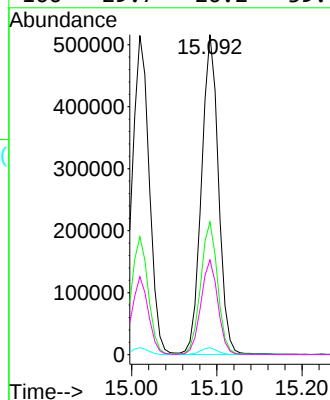
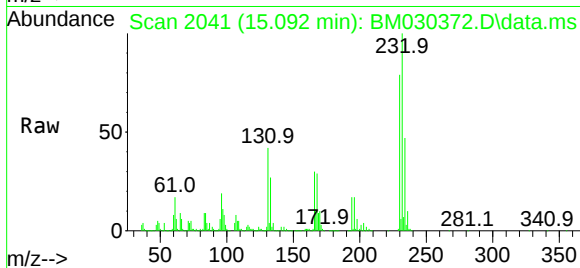


#59  
2,3,4,6-Tetrachlorophenol  
Concen: 51.218 ng  
RT: 15.092 min Scan# 2041  
Delta R.T. -0.006 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(86-90)MSD

Tgt Ion:232 Resp: 712362

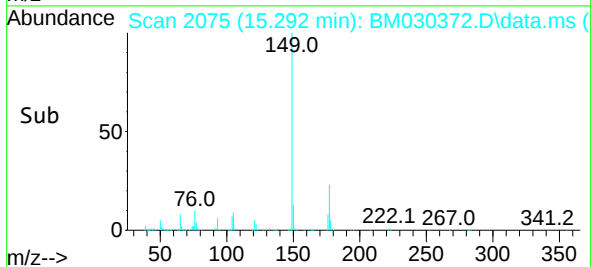
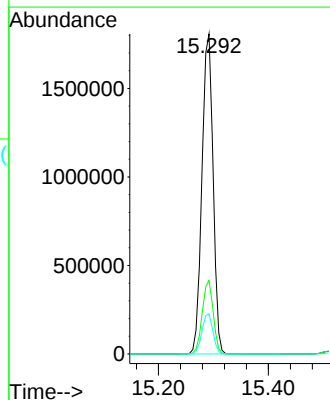
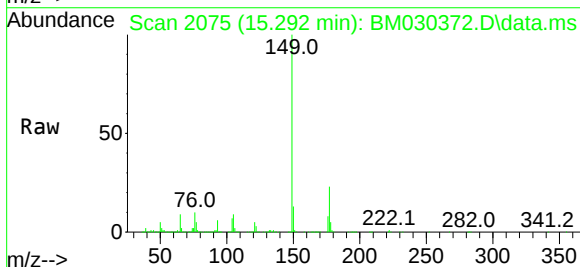
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 232 | 100   |       |       |
| 131 | 41.6  | 34.4  | 51.6  |
| 130 | 2.2   | 2.2   | 3.2   |
| 166 | 29.7  | 26.2  | 39.4  |

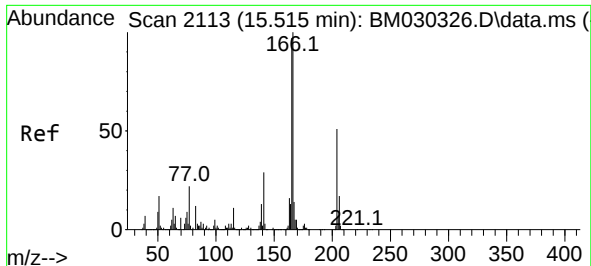


#60  
Diethylphthalate  
Concen: 47.569 ng  
RT: 15.292 min Scan# 2075  
Delta R.T. 0.000 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

Tgt Ion:149 Resp: 2544325

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 177 | 23.0  | 17.9  | 26.9  |
| 150 | 12.6  | 10.3  | 15.5  |

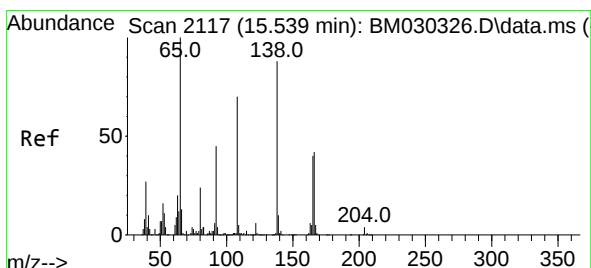
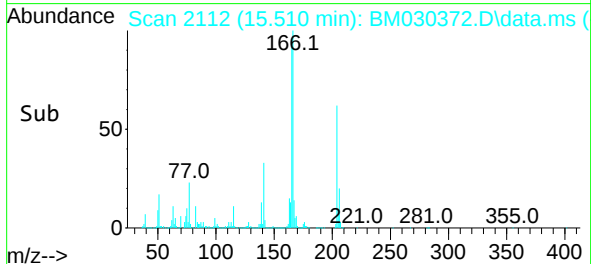
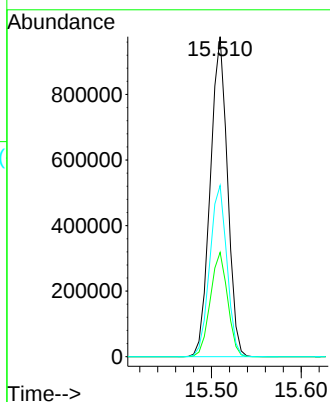
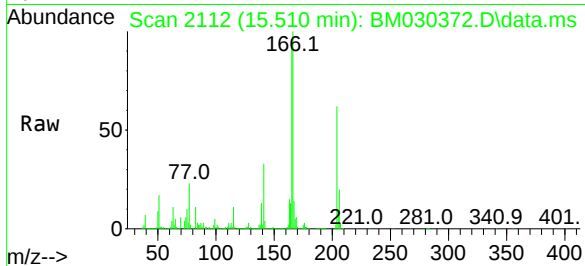




#61  
4-Chlorophenyl-phenylether  
Concen: 46.633 ng  
RT: 15.510 min Scan# 2112  
Delta R.T. -0.005 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

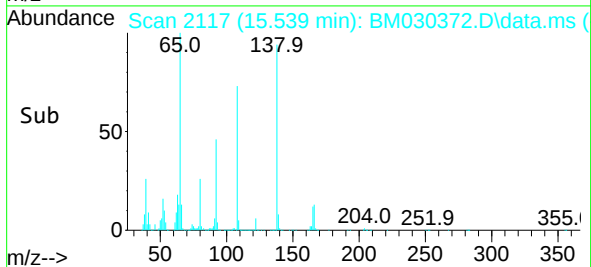
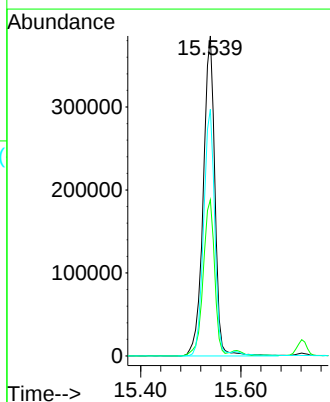
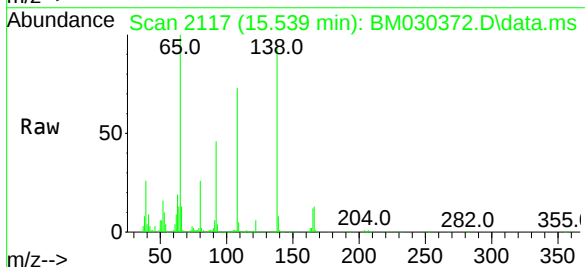
Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(86-90)MSD

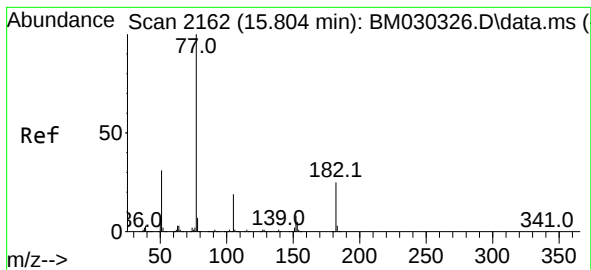
Tgt Ion:204 Resp: 1299196  
Ion Ratio Lower Upper  
204 100  
206 32.6 25.5 38.3  
141 53.5 40.3 60.5



#62  
4-Nitroaniline  
Concen: 45.055 ng  
RT: 15.539 min Scan# 2117  
Delta R.T. -0.000 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

Tgt Ion:138 Resp: 623012  
Ion Ratio Lower Upper  
138 100  
92 48.8 33.4 73.4  
108 77.1 75.5 115.5

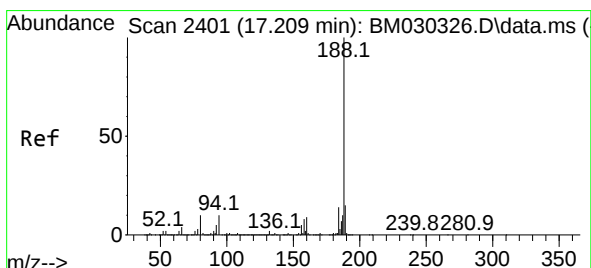
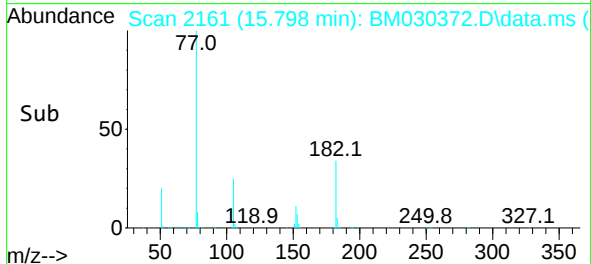
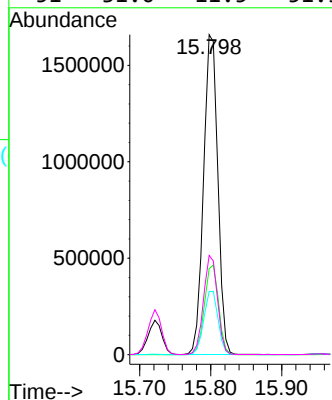
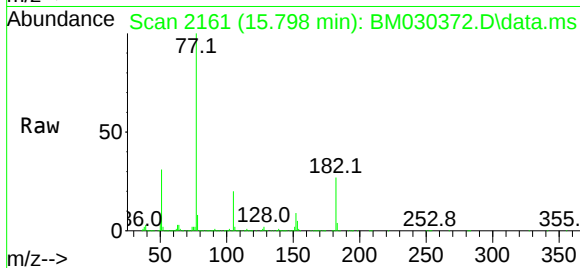




#63  
Azobenzene  
Concen: 42.909 ng  
RT: 15.798 min Scan# 2161  
Delta R.T. -0.006 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

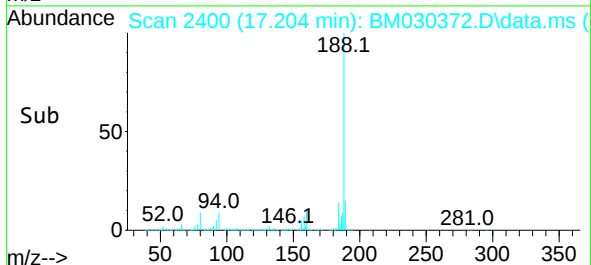
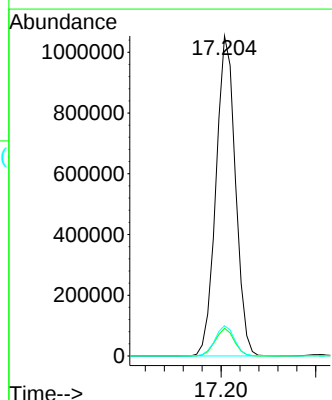
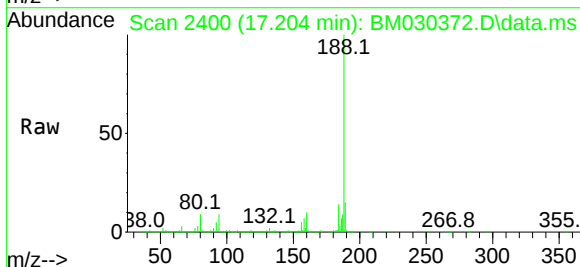
Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(86-90)MSD

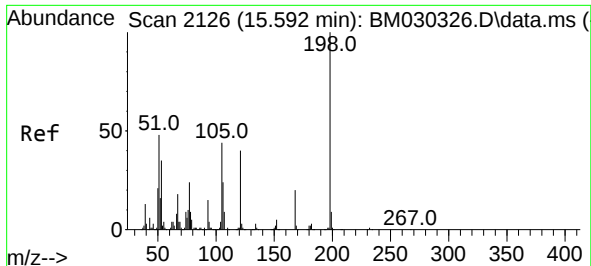
Tgt Ion: 77 Resp: 2318116  
Ion Ratio Lower Upper  
77 100  
182 26.8 6.8 46.8  
105 19.7 0.0 36.6  
51 31.0 11.5 51.5



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.204 min Scan# 2400  
Delta R.T. -0.005 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

Tgt Ion:188 Resp: 1503354  
Ion Ratio Lower Upper  
188 100  
94 8.7 6.0 9.0  
80 9.4 6.6 9.8

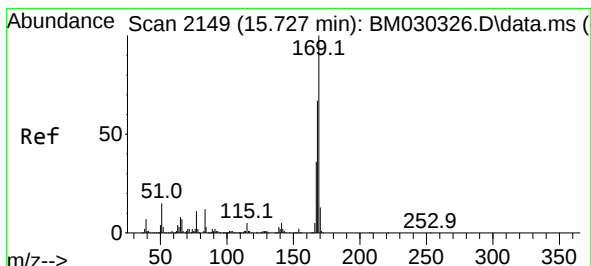
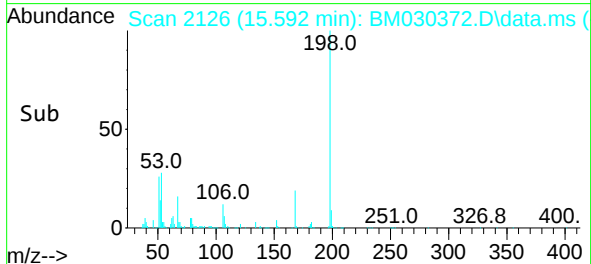
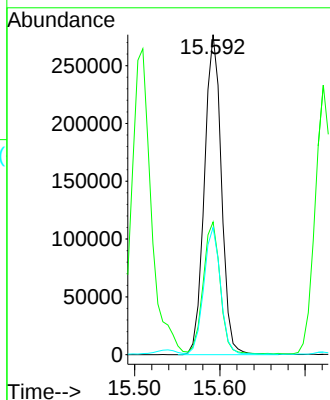
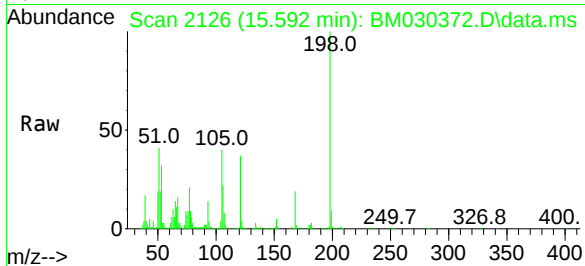




#65  
4,6-Dinitro-2-methylphenol  
Concen: 39.092 ng  
RT: 15.592 min Scan# 2126  
Delta R.T. -0.000 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

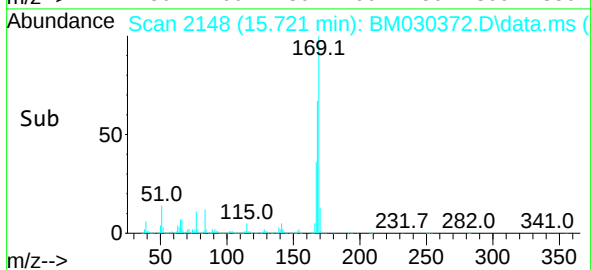
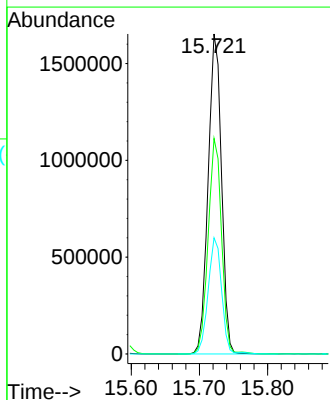
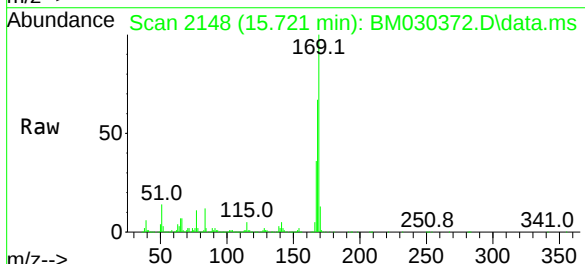
Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(86-90)MSD

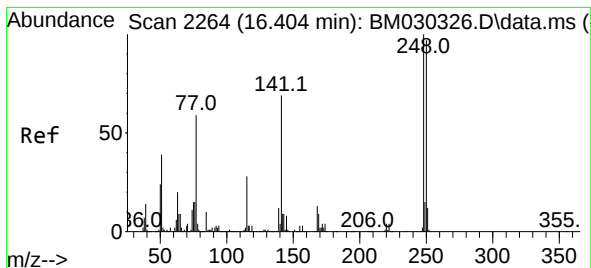
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 198   | Resp: | 383151 |
| Ion      | Ratio | Lower | Upper  |
| 198      | 100   |       |        |
| 51       | 41.5  | 18.9  | 58.9   |
| 105      | 39.8  | 17.6  | 57.6   |



#66  
n-Nitrosodiphenylamine  
Concen: 43.071 ng  
RT: 15.721 min Scan# 2148  
Delta R.T. -0.006 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 169   | Resp: | 2251808 |
| Ion      | Ratio | Lower | Upper   |
| 169      | 100   |       |         |
| 168      | 67.3  | 54.2  | 81.2    |
| 167      | 36.3  | 29.0  | 43.6    |

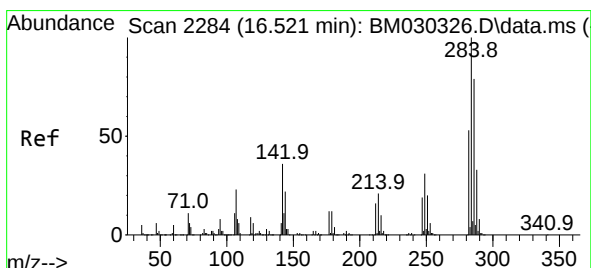
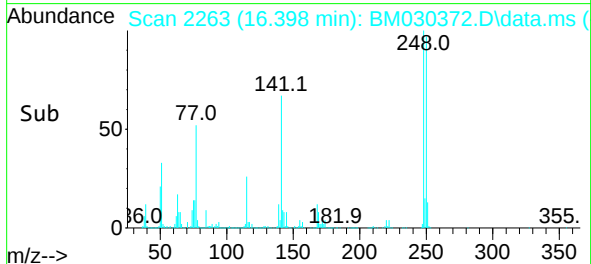
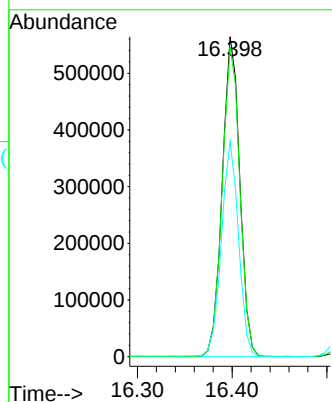
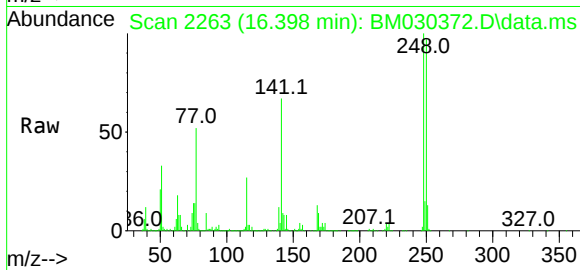




#67  
4-Bromophenyl-phenylether  
Concen: 41.457 ng  
RT: 16.398 min Scan# 2263  
Delta R.T. -0.006 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

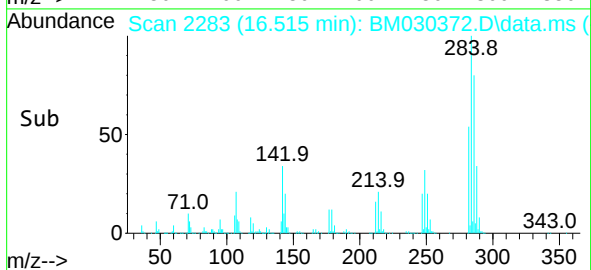
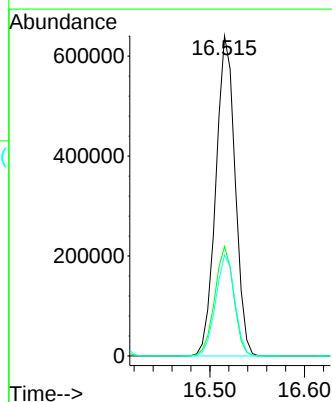
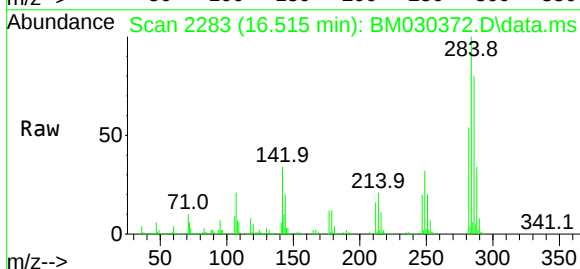
Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(86-90)MSD

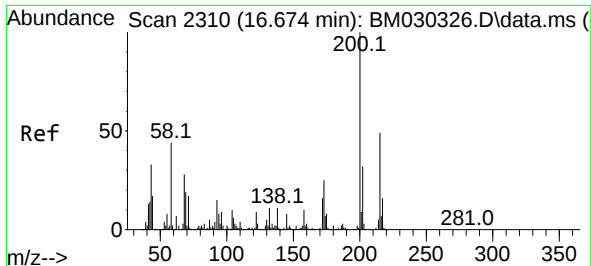
Tgt Ion:248 Resp: 726302  
Ion Ratio Lower Upper  
248 100  
250 96.6 77.9 116.9  
141 67.4 56.2 84.2



#68  
Hexachlorobenzene  
Concen: 45.528 ng  
RT: 16.515 min Scan# 2283  
Delta R.T. -0.006 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

Tgt Ion:284 Resp: 904419  
Ion Ratio Lower Upper  
284 100  
142 34.2 29.0 43.4  
249 31.6 26.0 39.0

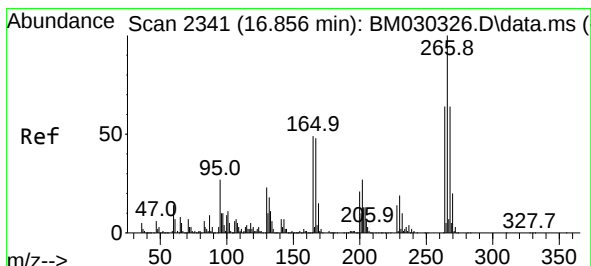
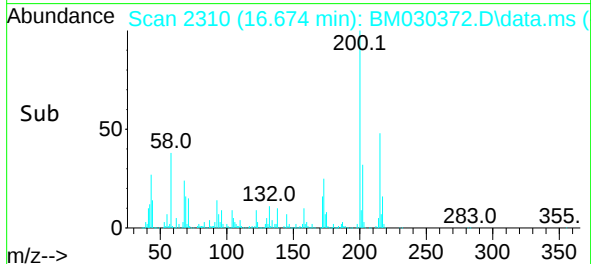
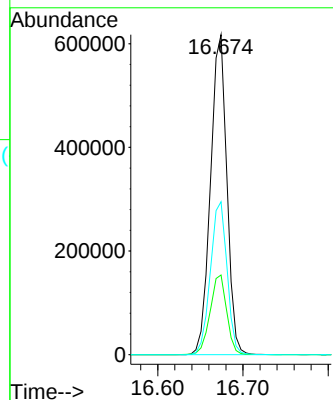
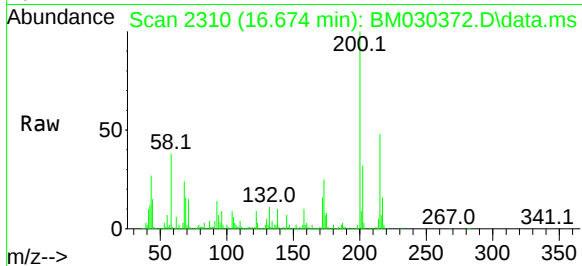




#69  
Atrazine  
Concen: 58.769 ng  
RT: 16.674 min Scan# 2310  
Delta R.T. 0.000 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

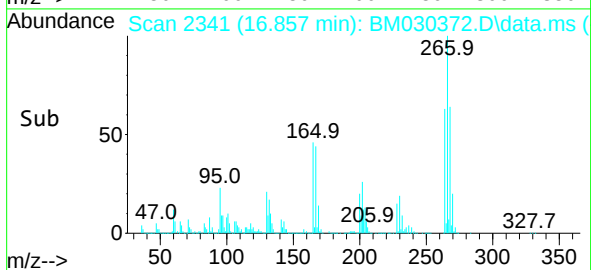
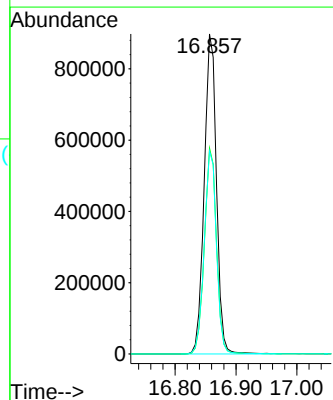
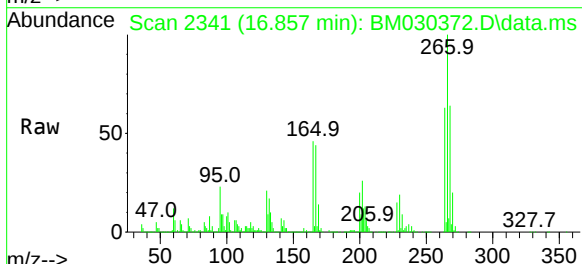
Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(86-90)MSD

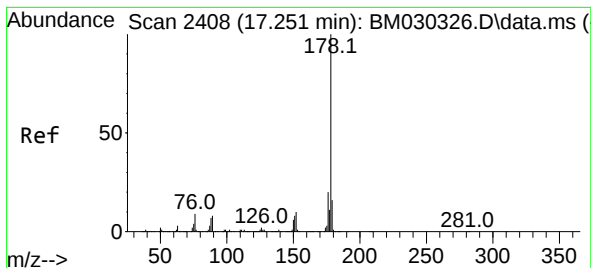
Tgt Ion:200 Resp: 822871  
Ion Ratio Lower Upper  
200 100  
173 24.9 3.8 43.8  
215 47.8 24.8 64.8



#70  
Pentachlorophenol  
Concen: 107.948 ng  
RT: 16.857 min Scan# 2341  
Delta R.T. 0.001 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

Tgt Ion:266 Resp: 1255096  
Ion Ratio Lower Upper  
266 100  
268 64.3 52.8 79.2  
264 63.5 51.9 77.9

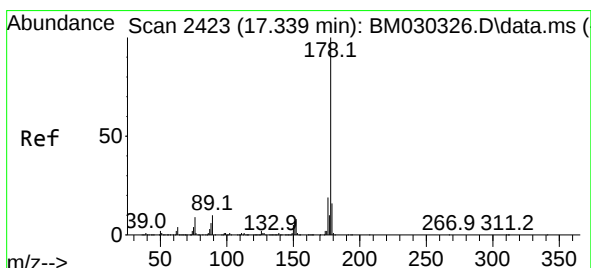
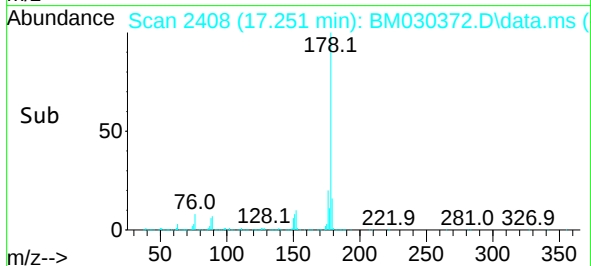
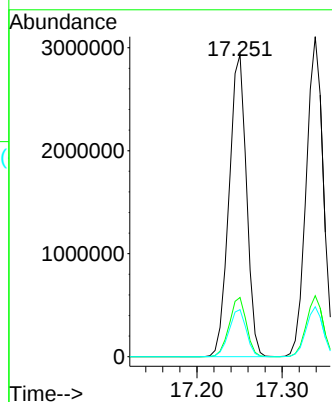
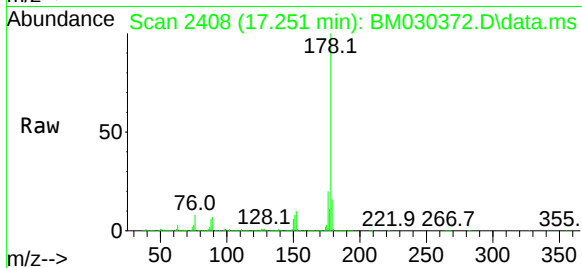




#71  
Phenanthrene  
Concen: 43.940 ng  
RT: 17.251 min Scan# 2408  
Delta R.T. 0.000 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

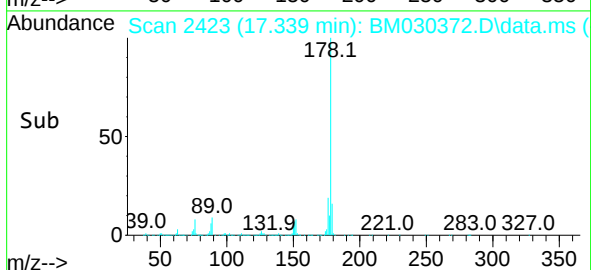
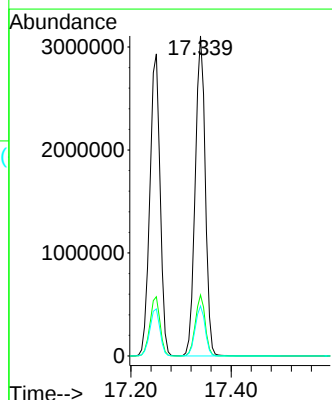
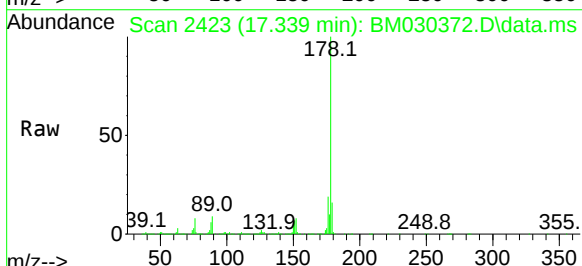
Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(86-90)MSD

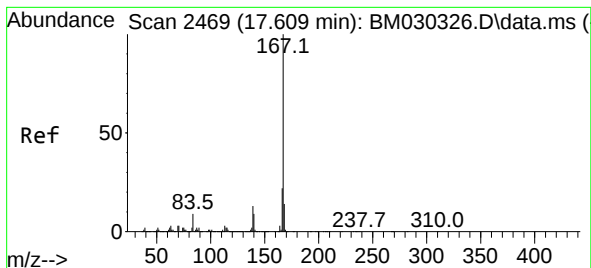
Tgt Ion:178 Resp: 4156653  
Ion Ratio Lower Upper  
178 100  
176 19.6 15.4 23.0  
179 15.6 12.2 18.4



#72  
Anthracene  
Concen: 46.841 ng  
RT: 17.339 min Scan# 2423  
Delta R.T. 0.000 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

Tgt Ion:178 Resp: 4302354  
Ion Ratio Lower Upper  
178 100  
176 19.1 15.0 22.4  
179 15.6 12.5 18.7





#73

Carbazole

Concen: 44.821 ng

RT: 17.604 min Scan# 2468

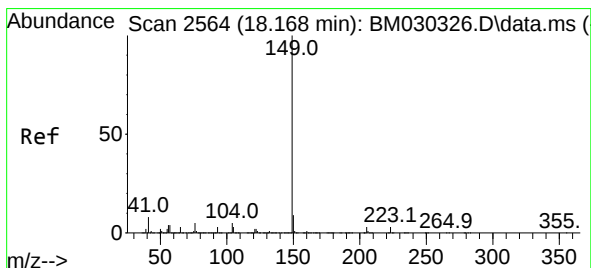
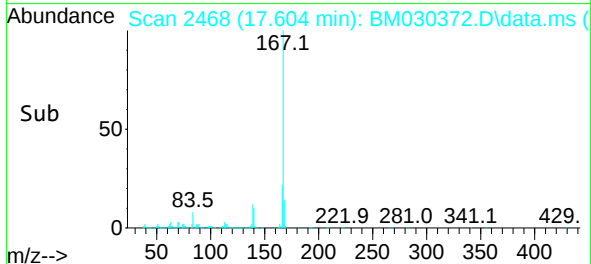
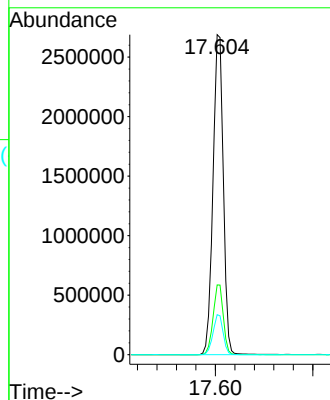
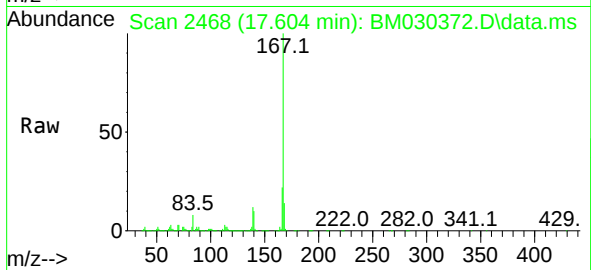
Delta R.T. -0.006 min

Lab File: BM030372.D

Acq: 10 Jun 2021 13:42

Tgt Ion:167 Resp: 3926003

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 21.8  | 17.4  | 26.0  |
| 139 | 12.5  | 9.8   | 14.6  |



#74

Di-n-butylphthalate

Concen: 49.592 ng

RT: 18.168 min Scan# 2564

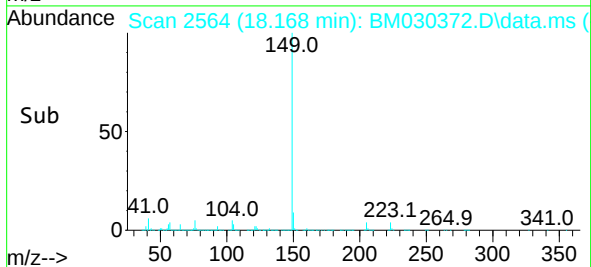
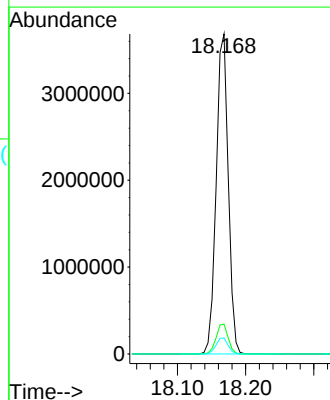
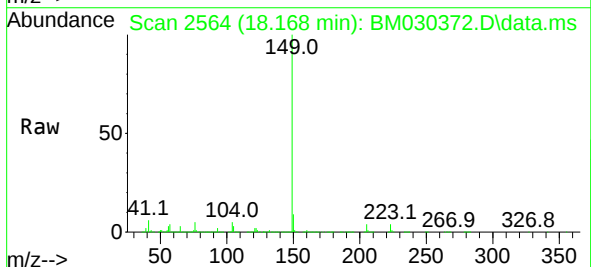
Delta R.T. 0.000 min

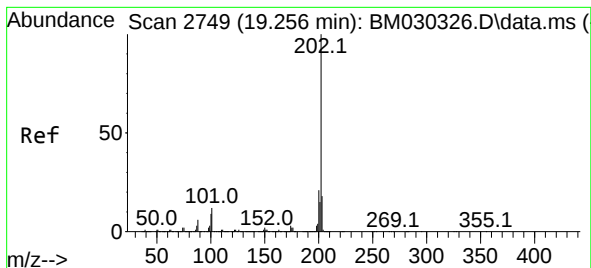
Lab File: BM030372.D

Acq: 10 Jun 2021 13:42

Tgt Ion:149 Resp: 4528712

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.3   | 7.2   | 10.8  |
| 104 | 5.0   | 4.3   | 6.5   |

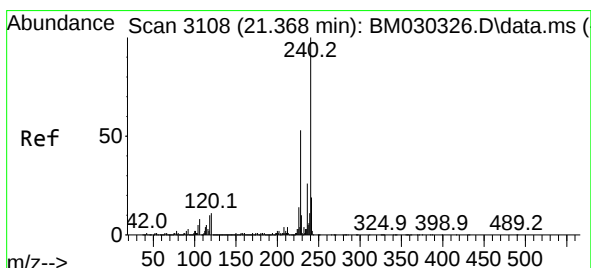
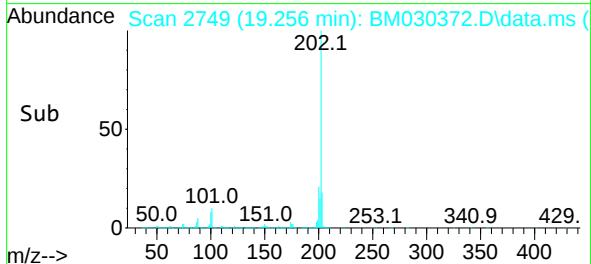
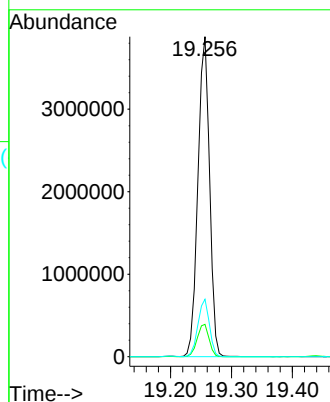
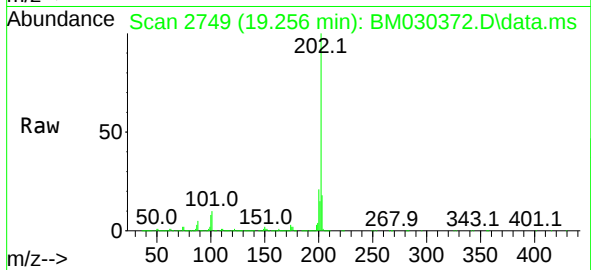




#75  
Fluoranthene  
Concen: 47.938 ng  
RT: 19.256 min Scan# 2749  
Delta R.T. 0.000 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

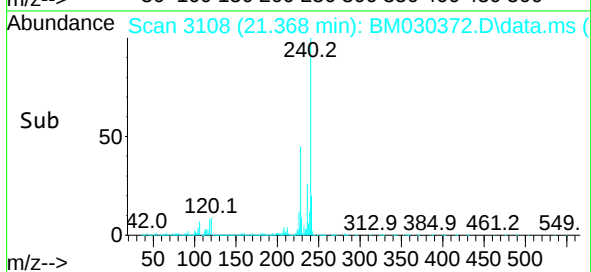
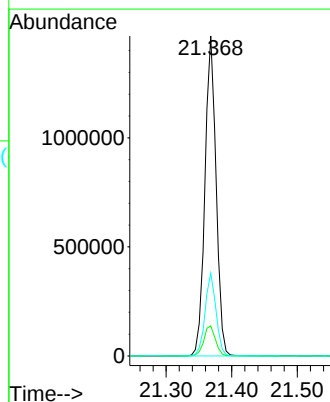
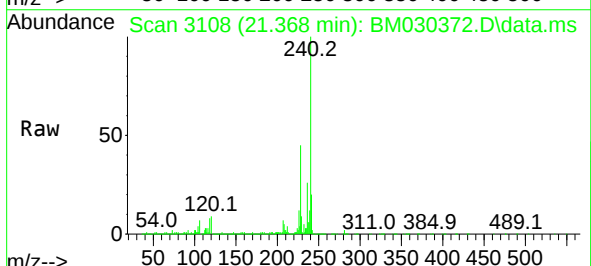
Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(86-90)MSD

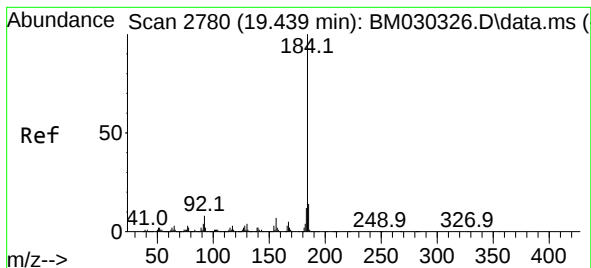
Tgt Ion:202 Resp: 5147380  
Ion Ratio Lower Upper  
202 100  
101 10.1 0.0 28.6  
203 18.0 0.0 37.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.368 min Scan# 3108  
Delta R.T. 0.000 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

Tgt Ion:240 Resp: 1739385  
Ion Ratio Lower Upper  
240 100  
120 9.4 7.0 10.6  
236 25.8 21.0 31.4





#77

Benzidine

Concen: 81.062 ng

RT: 19.439 min Scan# 2780

Delta R.T. 0.000 min

Lab File: BM030372.D

Acq: 10 Jun 2021 13:42

Tgt Ion:184 Resp: 2494739

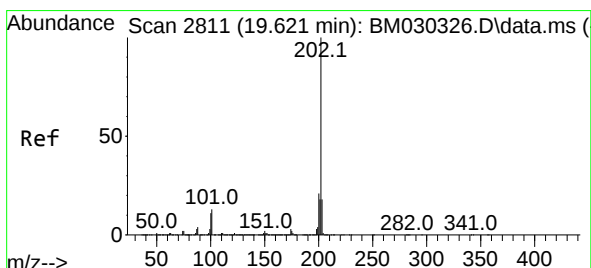
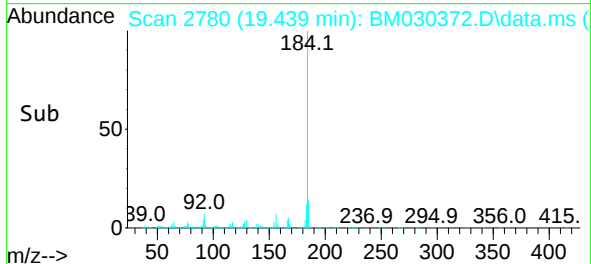
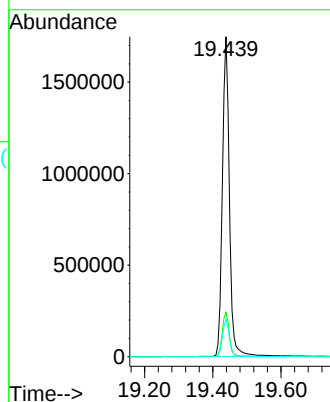
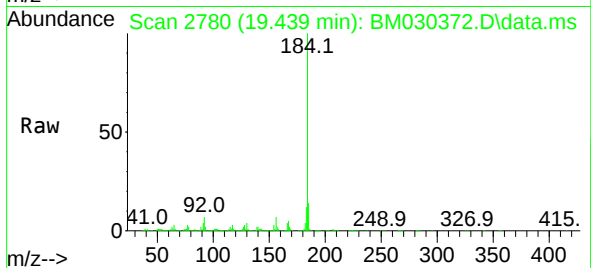
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 13.9  | 10.9  | 16.3  |
| 183 | 11.7  | 9.8   | 14.8  |

Instrument :

BNA\_M

ClientSampleId :

18-B12(86-90)MSD



#78

Pyrene

Concen: 40.839 ng

RT: 19.615 min Scan# 2810

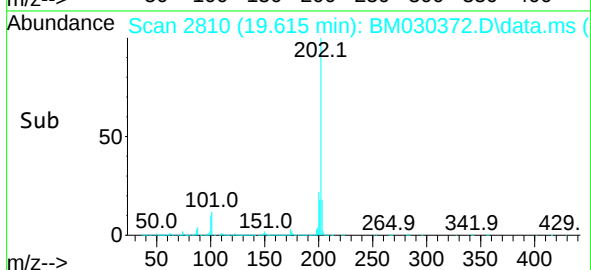
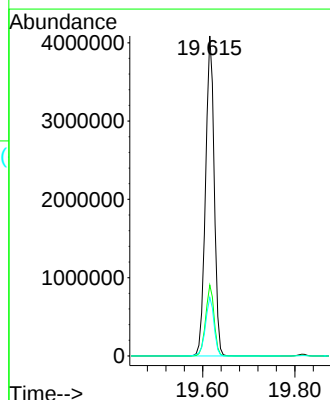
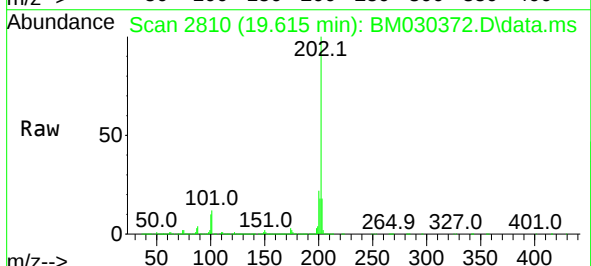
Delta R.T. -0.006 min

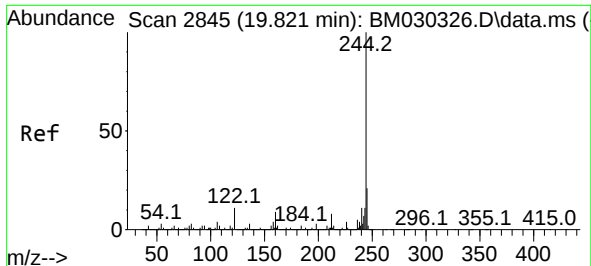
Lab File: BM030372.D

Acq: 10 Jun 2021 13:42

Tgt Ion:202 Resp: 5382603

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 22.2  | 17.3  | 25.9  |
| 203 | 18.3  | 13.9  | 20.9  |

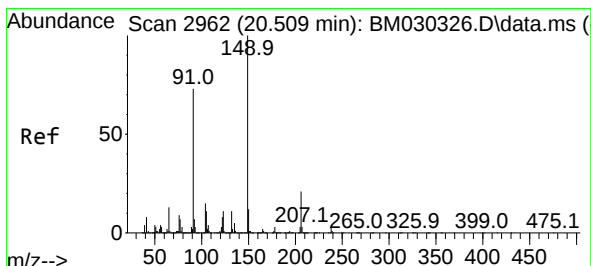
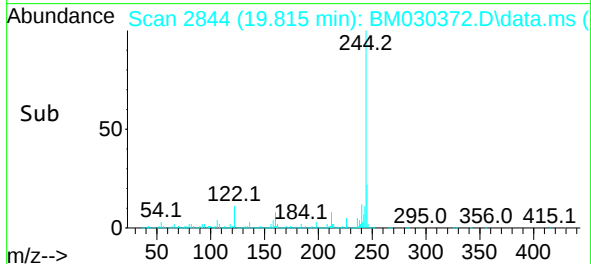
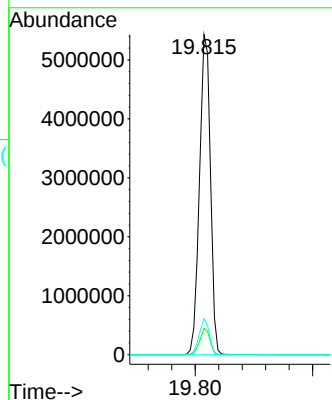
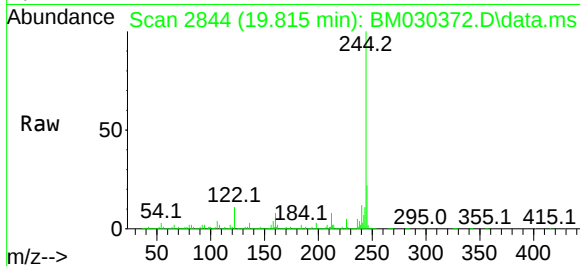




#79  
 Terphenyl-d14  
 Concen: 70.683 ng  
 RT: 19.815 min Scan# 2844  
 Delta R.T. -0.006 min  
 Lab File: BM030372.D  
 Acq: 10 Jun 2021 13:42

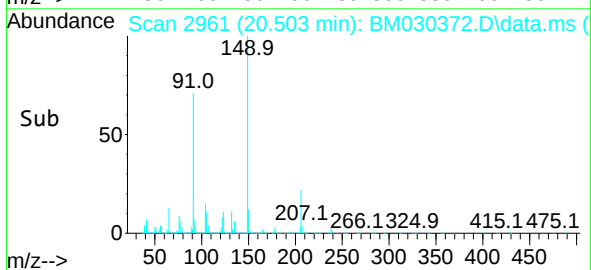
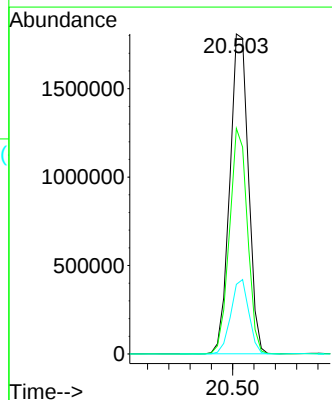
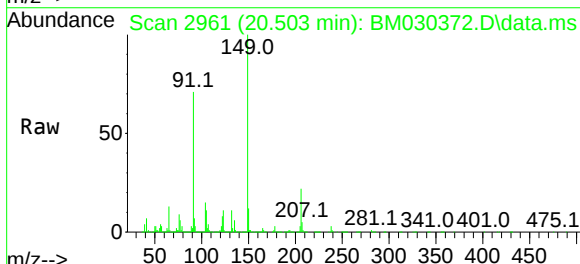
Instrument :  
 BNA\_M  
 ClientSampleId :  
 18-B12(86-90)MSD

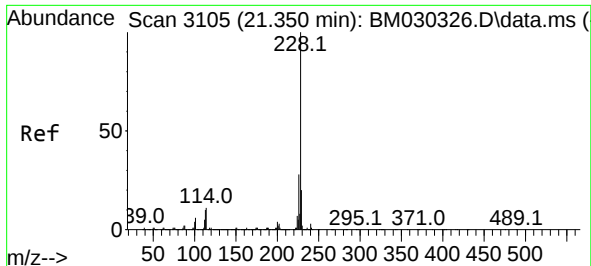
Tgt Ion:244 Resp: 6999690  
 Ion Ratio Lower Upper  
 244 100  
 212 8.3 6.3 9.5  
 122 11.3 6.9 10.3#



#80  
 Butylbenzylphthalate  
 Concen: 40.928 ng  
 RT: 20.503 min Scan# 2961  
 Delta R.T. -0.006 min  
 Lab File: BM030372.D  
 Acq: 10 Jun 2021 13:42

Tgt Ion:149 Resp: 2196636  
 Ion Ratio Lower Upper  
 149 100  
 91 70.5 57.4 86.0  
 206 21.8 16.6 25.0

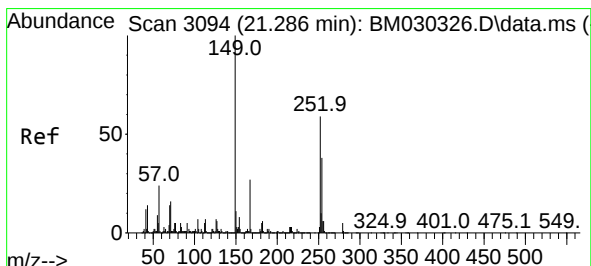
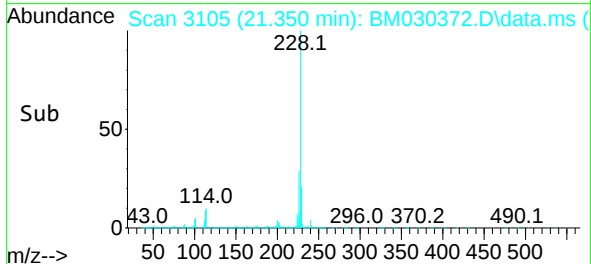
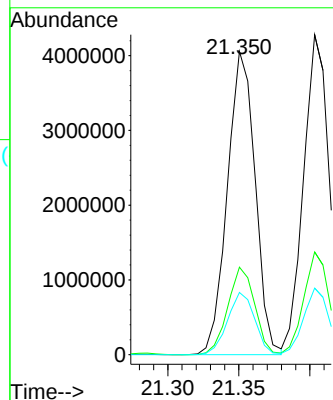
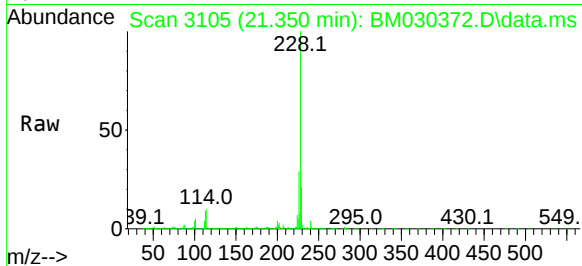




#81  
Benzo(a)anthracene  
Concen: 43.637 ng  
RT: 21.350 min Scan# 3105  
Delta R.T. 0.000 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

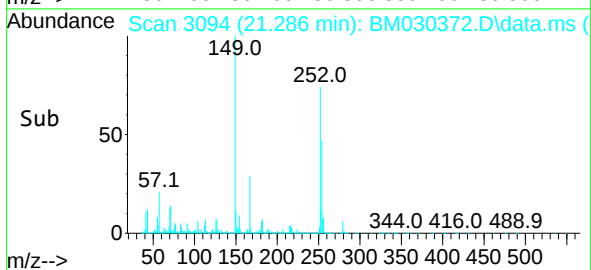
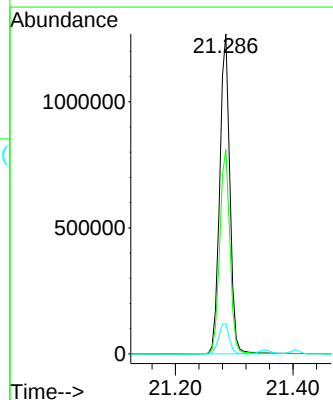
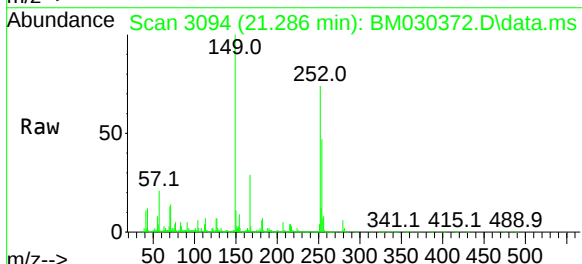
Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(86-90)MSD

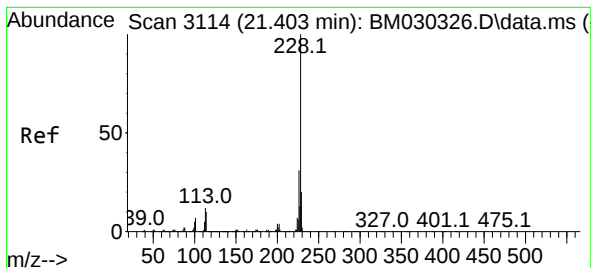
Tgt Ion:228 Resp: 5524214  
Ion Ratio Lower Upper  
228 100  
226 28.9 22.3 33.5  
229 20.5 15.7 23.5



#82  
3,3'-Dichlorobenzidine  
Concen: 39.653 ng  
RT: 21.286 min Scan# 3094  
Delta R.T. 0.000 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

Tgt Ion:252 Resp: 1519641  
Ion Ratio Lower Upper  
252 100  
254 63.9 51.5 77.3  
126 9.5 8.6 13.0





#83

Chrysene

Concen: 43.392 ng

RT: 21.403 min Scan# 3114

Delta R.T. 0.000 min

Lab File: BM030372.D

Acq: 10 Jun 2021 13:42

Tgt Ion:228 Resp: 5338453

Ion Ratio Lower Upper

228 100

226 32.1 24.6 36.8

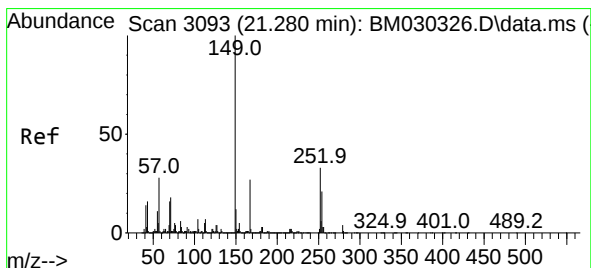
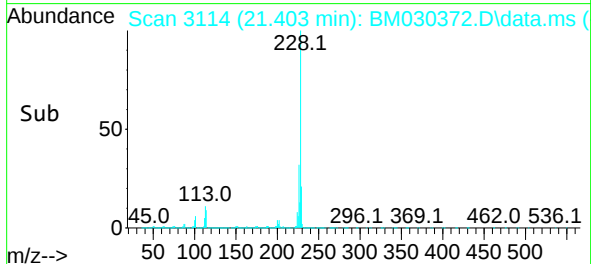
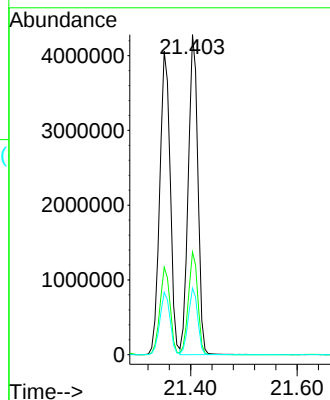
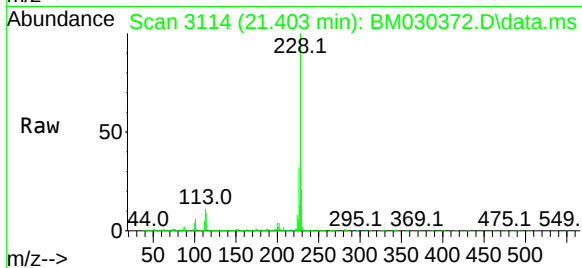
229 20.8 15.5 23.3

Instrument :

BNA\_M

ClientSampleId :

18-B12(86-90)MSD



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.652 ng

RT: 21.280 min Scan# 3093

Delta R.T. -0.000 min

Lab File: BM030372.D

Acq: 10 Jun 2021 13:42

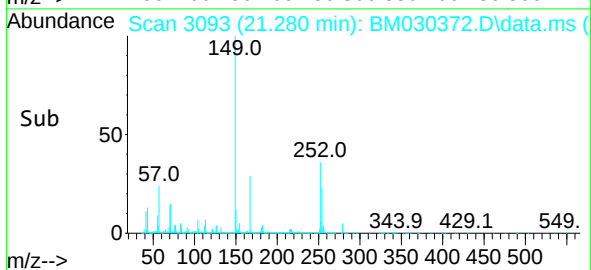
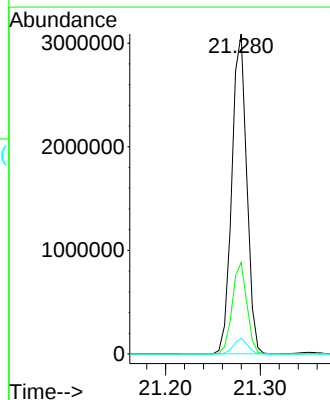
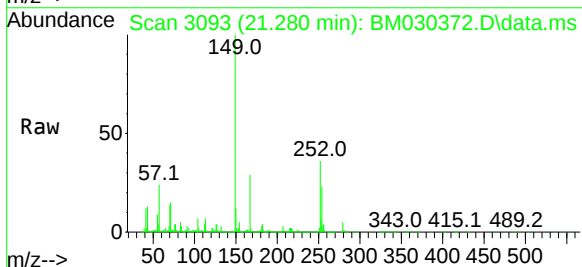
Tgt Ion:149 Resp: 3370079

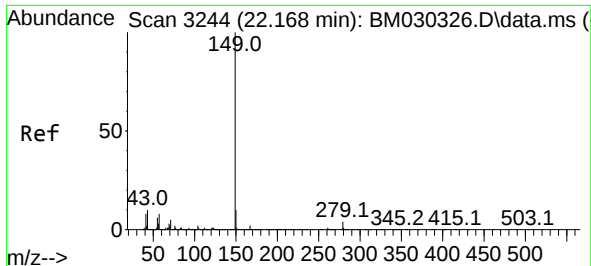
Ion Ratio Lower Upper

149 100

167 28.6 22.6 33.8

279 4.9 3.8 5.8

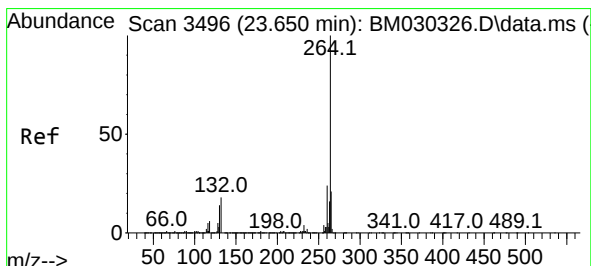
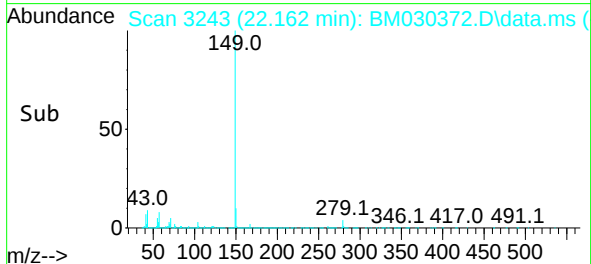
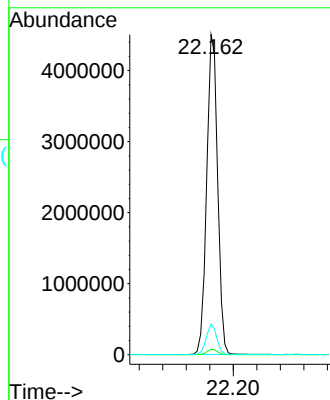
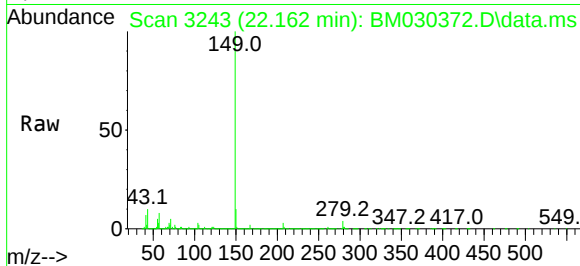




#85  
Di-n-octyl phthalate  
Concen: 46.035 ng  
RT: 22.162 min Scan# 3243  
Delta R.T. -0.006 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

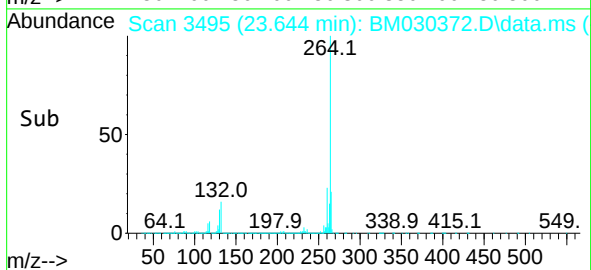
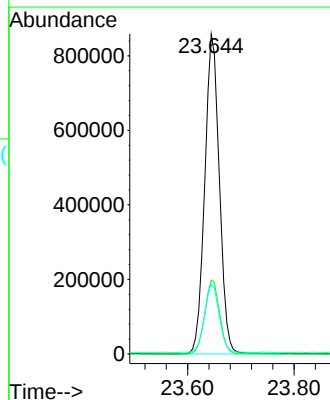
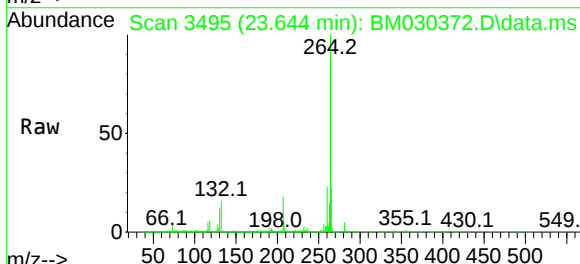
Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(86-90)MSD

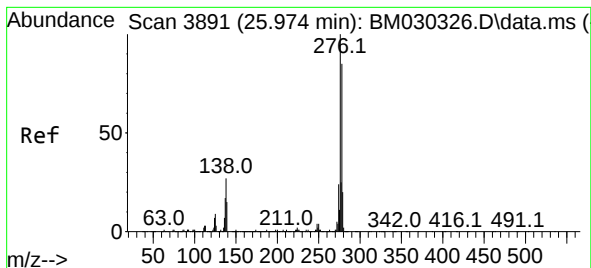
Tgt Ion:149 Resp: 5801967  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 9.1 7.4 11.0



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.644 min Scan# 3495  
Delta R.T. -0.006 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

Tgt Ion:264 Resp: 1631732  
Ion Ratio Lower Upper  
264 100  
260 23.1 19.8 29.8  
265 21.8 17.7 26.5

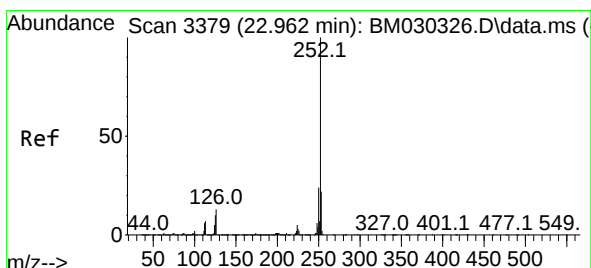
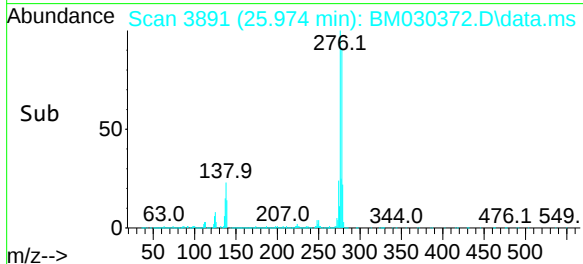
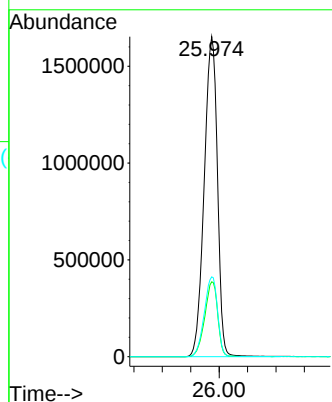
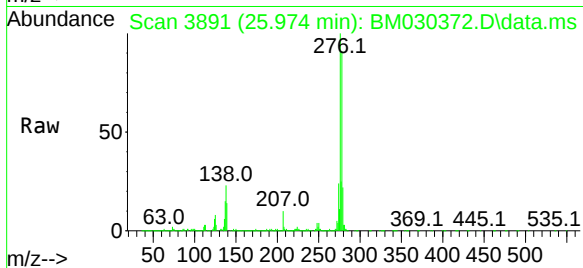




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 42.951 ng  
RT: 25.974 min Scan# 3891  
Delta R.T. 0.000 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

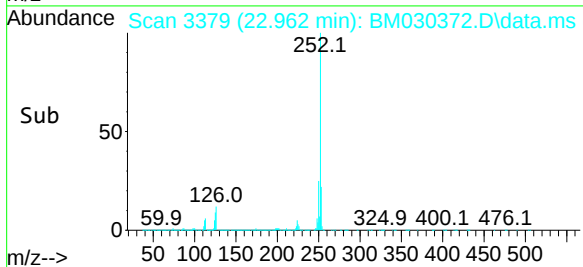
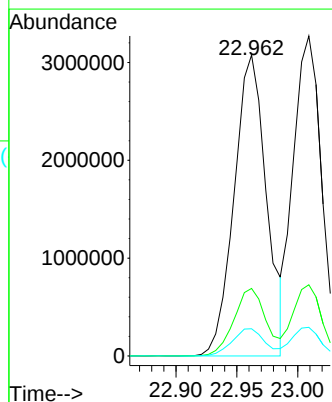
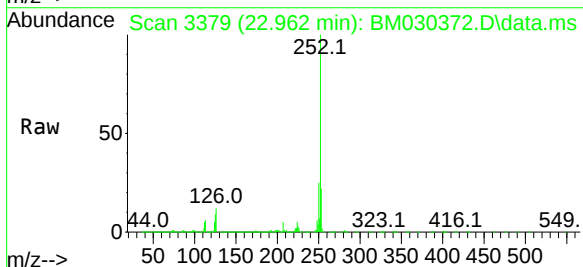
Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(86-90)MSD

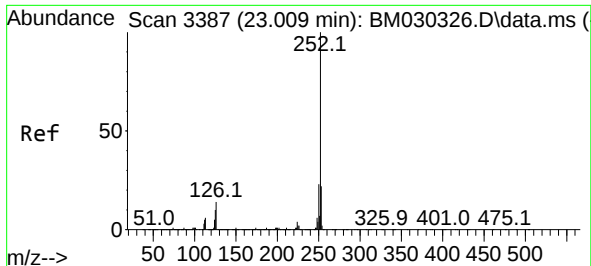
Tgt Ion:276 Resp: 5330686  
Ion Ratio Lower Upper  
276 100  
138 23.0 17.1 25.7  
277 25.2 20.3 30.5



#88  
Benzo(b)fluoranthene  
Concen: 45.995 ng  
RT: 22.962 min Scan# 3379  
Delta R.T. 0.000 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

Tgt Ion:252 Resp: 5680319  
Ion Ratio Lower Upper  
252 100  
253 22.5 17.4 26.0  
125 9.0 6.8 10.2

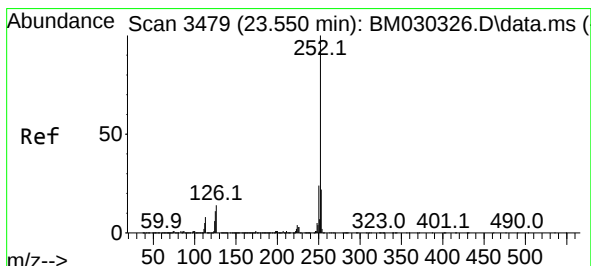
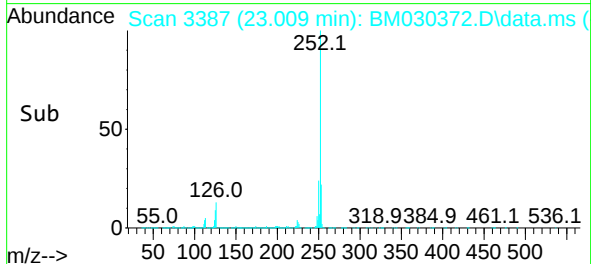
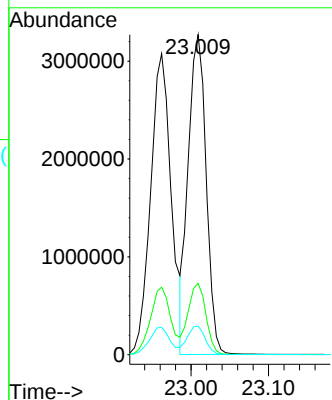
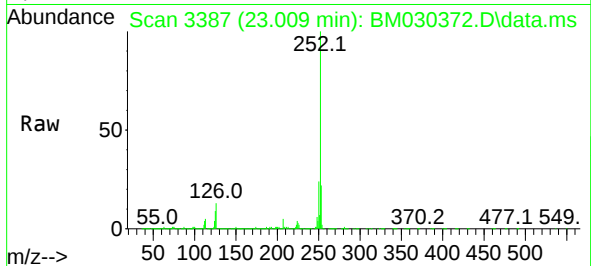




#89  
Benzo(k)fluoranthene  
Concen: 43.608 ng  
RT: 23.009 min Scan# 3387  
Delta R.T. 0.000 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

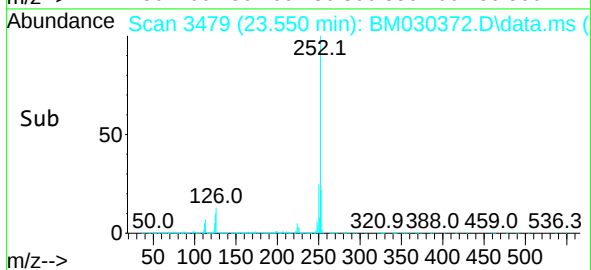
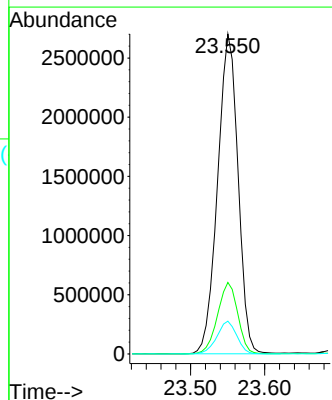
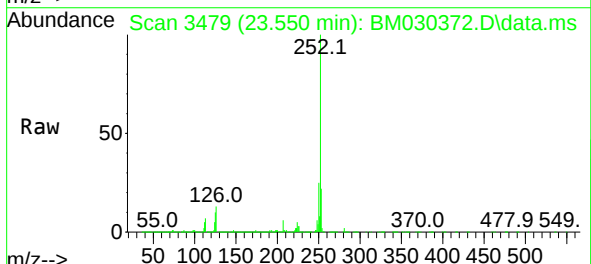
Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(86-90)MSD

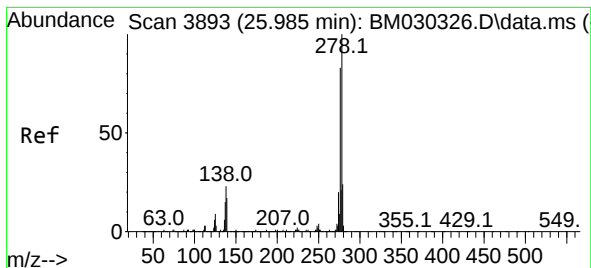
Tgt Ion:252 Resp: 5259997  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.4 26.2  
125 8.9 6.2 9.2



#90  
Benzo(a)pyrene  
Concen: 47.387 ng  
RT: 23.550 min Scan# 3479  
Delta R.T. 0.000 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

Tgt Ion:252 Resp: 5175081  
Ion Ratio Lower Upper  
252 100  
253 22.4 17.7 26.5  
125 10.2 7.3 10.9

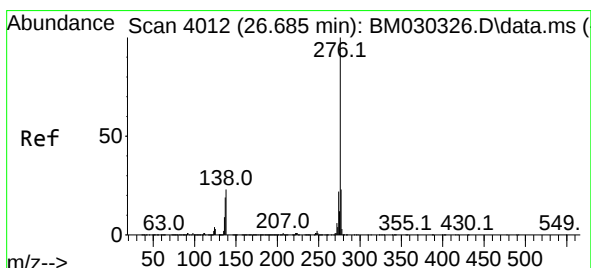
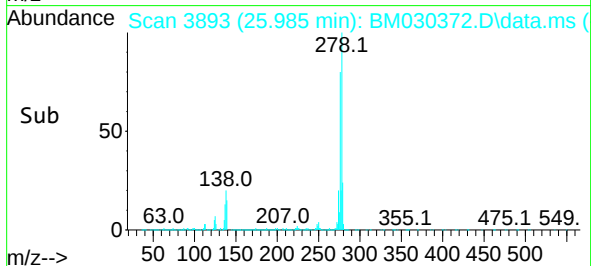
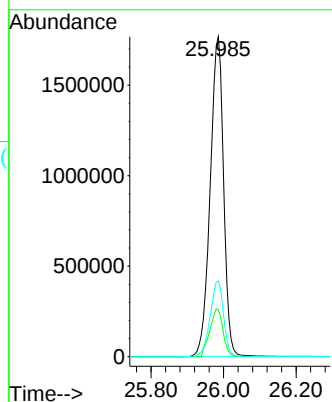
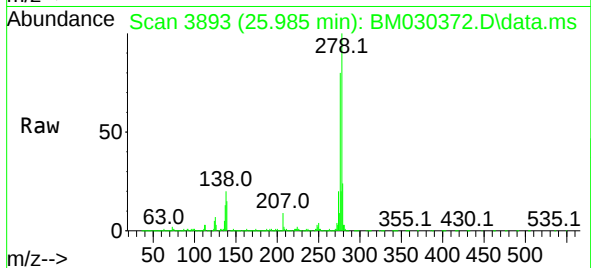




#91  
Dibenzo(a,h)anthracene  
Concen: 42.506 ng  
RT: 25.985 min Scan# 3893  
Delta R.T. 0.000 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

Instrument :  
BNA\_M  
ClientSampleId :  
18-B12(86-90)MSD

Tgt Ion:278 Resp: 4548408  
Ion Ratio Lower Upper  
278 100  
139 14.7 11.0 16.4  
279 23.7 18.7 28.1



#92  
Benzo(g,h,i)perylene  
Concen: 41.993 ng  
RT: 26.685 min Scan# 4012  
Delta R.T. 0.000 min  
Lab File: BM030372.D  
Acq: 10 Jun 2021 13:42

Tgt Ion:276 Resp: 4274143  
Ion Ratio Lower Upper  
276 100  
277 24.1 19.4 29.2  
138 19.4 14.4 21.6

