

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP080521\  
 Data File : BP006504.D  
 Acq On : 05 Aug 2021 13:25  
 Operator : CG/JU  
 Sample : M3268-13MSD  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 20210575-COM-48MSD

Quant Time: Aug 05 14:09:30 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP080321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 03 15:41:30 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.758  | 152  | 219217   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.540 | 136  | 859663   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.387 | 164  | 453561   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.140 | 188  | 848286   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.239 | 240  | 815489   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 23.563 | 264  | 912702   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.358  | 112  | 1661265  | 116.396 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.940  | 99   | 2116062  | 104.372 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.916  | 82   | 1377201  | 73.945  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.881 | 330  | 535686   | 113.009 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.010 | 172  | 2141463  | 70.639  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.710 | 244  | 2609065  | 64.109  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.305  | 88   | 295516   | 47.559  | ng    | 90       |
| 3) Pyridine                   | 3.693  | 79   | 808303   | 44.259  | ng    | 94       |
| 4) n-Nitrosodimethylamine     | 3.611  | 42   | 335570   | 48.682  | ng    | # 81     |
| 6) Aniline                    | 7.093  | 93   | 926812   | 42.084  | ng    | 94       |
| 8) 2-Chlorophenol             | 7.322  | 128  | 745764   | 48.292  | ng    | 89       |
| 9) Benzaldehyde               | 6.905  | 77   | 539072   | 44.177  | ng    | 91       |
| 10) Phenol                    | 6.964  | 94   | 981397   | 48.274  | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.193  | 93   | 751176   | 48.662  | ng    | 91       |
| 12) 1,3-Dichlorobenzene       | 7.646  | 146  | 788445   | 48.988  | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 7.793  | 146  | 804111   | 49.228  | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 8.105  | 146  | 762432   | 48.643  | ng    | 97       |
| 15) Benzyl Alcohol            | 8.005  | 79   | 722862   | 47.544  | ng    | 95       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.293  | 45   | 867327   | 47.216  | ng    | 92       |
| 17) 2-Methylphenol            | 8.205  | 107  | 627435   | 48.877  | ng    | 99       |
| 18) Hexachloroethane          | 8.828  | 117  | 317868   | 49.165  | ng    | # 88     |
| 19) n-Nitroso-di-n-propyla... | 8.569  | 70   | 604541   | 44.445  | ng    | # 96     |
| 20) 3+4-Methylphenols         | 8.534  | 107  | 833039   | 47.676  | ng    | 99       |
| 22) Acetophenone              | 8.581  | 105  | 1124200  | 49.312  | ng    | # 98     |
| 24) Nitrobenzene              | 8.958  | 77   | 899447   | 46.458  | ng    | 92       |
| 25) Isophorone                | 9.481  | 82   | 1497230  | 44.758  | ng    | 94       |
| 26) 2-Nitrophenol             | 9.663  | 139  | 374801   | 53.195  | ng    | 93       |
| 27) 2,4-Dimethylphenol        | 9.728  | 122  | 658091   | 55.777  | ng    | 96       |
| 28) bis(2-Chloroethoxy)met... | 9.969  | 93   | 917425   | 51.257  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.193 | 162  | 585598   | 49.024  | ng    | 94       |
| 30) 1,2,4-Trichlorobenzene    | 10.405 | 180  | 618793   | 48.209  | ng    | 97       |
| 31) Naphthalene               | 10.593 | 128  | 2180933  | 47.213  | ng    | 99       |
| 32) Benzoic acid              | 9.869  | 122  | 480727   | 52.669  | ng    | 93       |
| 33) 4-Chloroaniline           | 10.705 | 127  | 354177   | 18.947  | ng    | # 95     |
| 34) Hexachlorobutadiene       | 10.875 | 225  | 360728   | 48.227  | ng    | 98       |
| 35) Caprolactam               | 11.505 | 113  | 210281   | 48.821  | ng    | # 66     |
| 36) 4-Chloro-3-methylphenol   | 11.834 | 107  | 713441   | 47.009  | ng    | 91       |
| 37) 2-Methylnaphthalene       | 12.204 | 142  | 1463940  | 46.768  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.422 | 142  | 1336485  | 44.929  | ng    | 97       |
| 40) 1,2,4,5-Tetrachloroben... | 12.575 | 216  | 606857   | 51.121  | ng    | # 95     |
| 41) Hexachlorocyclopentadiene | 12.552 | 237  | 730221   | 115.981 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.816 | 196  | 419086   | 51.703  | ng    | 95       |

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 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

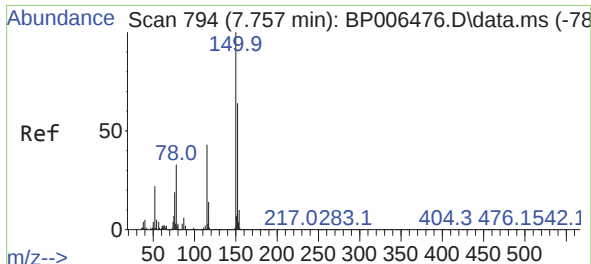
Instrument :  
 BNA\_P  
 ClientSampleId :  
 20210575-COM-48MSD

Quant Time: Aug 05 14:09:30 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP080321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 03 15:41:30 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.887 | 196  | 451879   | 50.364  | ng    | # 90     |
| 46) 1,1'-Biphenyl             | 13.222 | 154  | 1650401  | 48.074  | ng    | 97       |
| 47) 2-Chloronaphthalene       | 13.257 | 162  | 1298281  | 49.108  | ng    | 94       |
| 48) 2-Nitroaniline            | 13.469 | 65   | 475683   | 50.985  | ng    | 87       |
| 49) Acenaphthylene            | 14.110 | 152  | 2117844  | 49.681  | ng    | 99       |
| 50) Dimethylphthalate         | 13.857 | 163  | 1570174  | 47.559  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 13.975 | 165  | 347777   | 47.206  | ng    | # 83     |
| 52) Acenaphthene              | 14.451 | 154  | 1235072  | 47.606  | ng    | 99       |
| 53) 3-Nitroaniline            | 14.298 | 138  | 258257   | 31.621  | ng    | # 79     |
| 54) 2,4-Dinitrophenol         | 14.504 | 184  | 395240   | 102.591 | ng    | # 82     |
| 55) Dibenzofuran              | 14.787 | 168  | 1880041  | 46.070  | ng    | 95       |
| 56) 4-Nitrophenol             | 14.616 | 139  | 729579   | 102.878 | ng    | 85       |
| 57) 2,4-Dinitrotoluene        | 14.757 | 165  | 476163   | 48.194  | ng    | # 82     |
| 58) Fluorene                  | 15.440 | 166  | 1540801  | 47.238  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.016 | 232  | 362164   | 48.166  | ng    | # 72     |
| 60) Diethylphthalate          | 15.228 | 149  | 1755036  | 50.611  | ng    | 97       |
| 61) 4-Chlorophenyl-phenyle... | 15.440 | 204  | 693339   | 46.938  | ng    | 90       |
| 62) 4-Nitroaniline            | 15.469 | 138  | 394067   | 45.470  | ng    | 90       |
| 63) Azobenzene                | 15.734 | 77   | 1867249  | 46.185  | ng    | 93       |
| 65) 4,6-Dinitro-2-methylph... | 15.522 | 198  | 227889   | 43.967  | ng    | 74       |
| 66) n-Nitrosodiphenylamine    | 15.657 | 169  | 1305504  | 48.963  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.334 | 248  | 403592   | 49.586  | ng    | # 88     |
| 68) Hexachlorobenzene         | 16.440 | 284  | 456056   | 49.238  | ng    | # 91     |
| 69) Atrazine                  | 16.616 | 200  | 439998   | 52.884  | ng    | 96       |
| 70) Pentachlorophenol         | 16.787 | 266  | 628095   | 106.878 | ng    | 99       |
| 71) Phenanthrene              | 17.181 | 178  | 2298454  | 48.036  | ng    | 100      |
| 72) Anthracene                | 17.275 | 178  | 2331957  | 50.437  | ng    | 99       |
| 73) Carbazole                 | 17.545 | 167  | 2208589  | 46.832  | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.116 | 149  | 2833568  | 52.738  | ng    | 100      |
| 75) Fluoranthene              | 19.157 | 202  | 2538489  | 47.267  | ng    | 94       |
| 77) Benzidine                 | 19.345 | 184  | 1269926  | 62.232  | ng    | 99       |
| 78) Pyrene                    | 19.504 | 202  | 2623713  | 48.168  | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.398 | 149  | 1297713  | 54.179  | ng    | 89       |
| 81) Benzo(a)anthracene        | 21.222 | 228  | 2477414  | 46.485  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.163 | 252  | 817894   | 58.457  | ng    | # 97     |
| 83) Chrysene                  | 21.275 | 228  | 2438457  | 47.195  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.163 | 149  | 1903927  | 52.895  | ng    | # 96     |
| 85) Di-n-octyl phthalate      | 22.069 | 149  | 3244603  | 54.690  | ng    | # 94     |
| 87) Indeno(1,2,3-cd)pyrene    | 25.974 | 276  | 3480001  | 52.583  | ng    | # 89     |
| 88) Benzo(b)fluoranthene      | 22.857 | 252  | 2776482  | 46.806  | ng    | # 96     |
| 89) Benzo(k)fluoranthene      | 22.904 | 252  | 2646652  | 46.471  | ng    | # 95     |
| 90) Benzo(a)pyrene            | 23.463 | 252  | 2722508  | 51.170  | ng    | # 95     |
| 91) Dibenzo(a,h)anthracene    | 25.992 | 278  | 2941385  | 51.405  | ng    | # 92     |
| 92) Benzo(g,h,i)perylene      | 26.710 | 276  | 2949780  | 53.796  | ng    | # 89     |

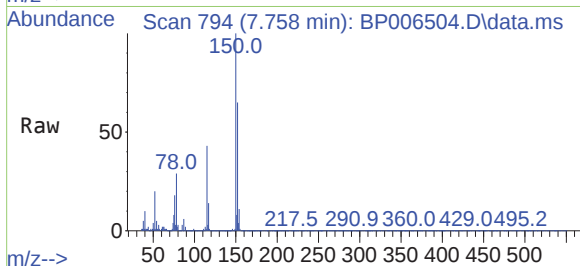
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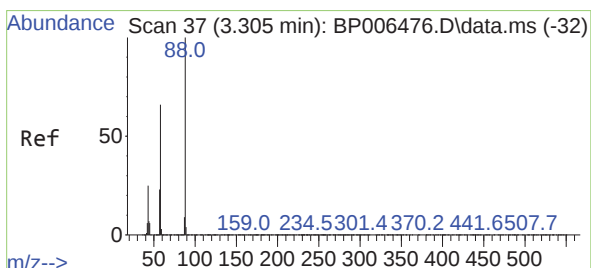
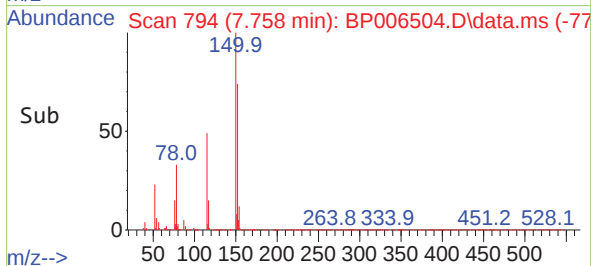
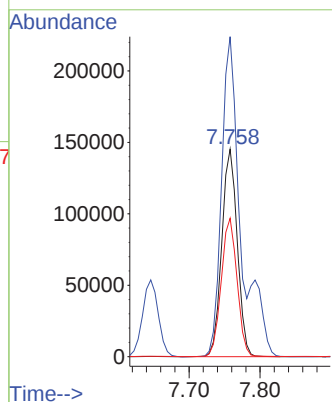


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.758 min Scan# 794  
Delta R.T. 0.001 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

Instrument :  
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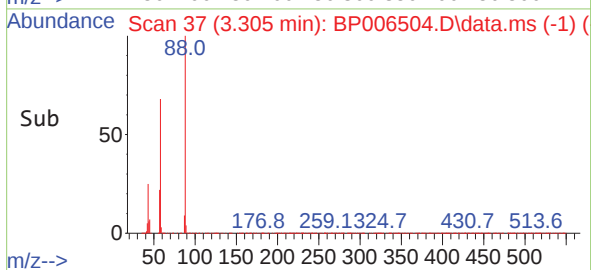
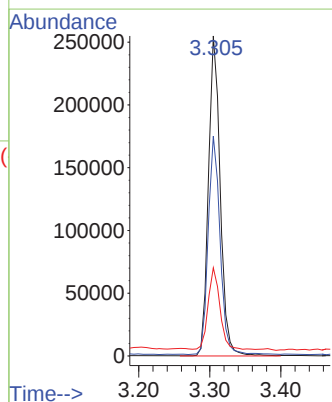
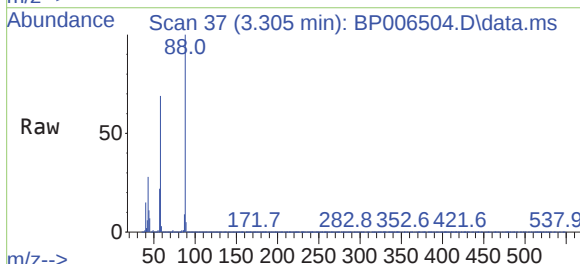


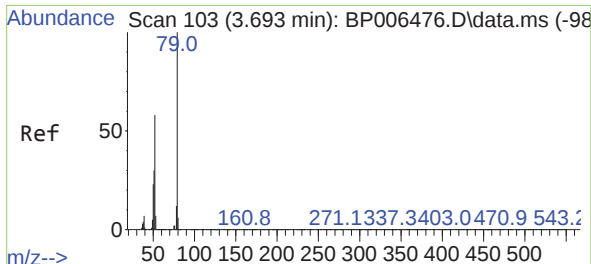
Tgt Ion:152 Resp: 219217  
Ion Ratio Lower Upper  
152 100  
150 154.2 125.6 188.4  
115 66.7 48.5 72.7



#2  
1,4-Dioxane  
Concen: 47.559 ng  
RT: 3.305 min Scan# 37  
Delta R.T. 0.000 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

Tgt Ion: 88 Resp: 295516  
Ion Ratio Lower Upper  
88 100  
58 68.7 46.7 70.1  
43 25.3 20.3 30.5

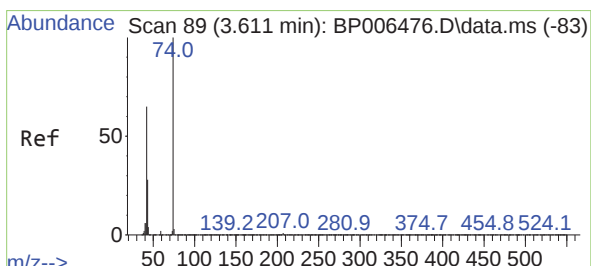
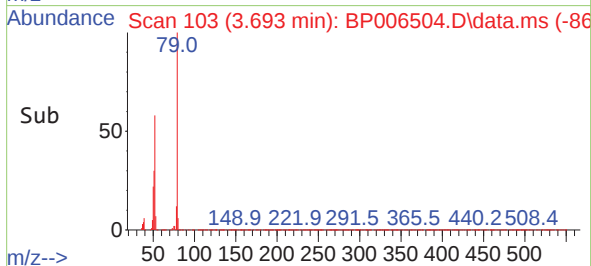
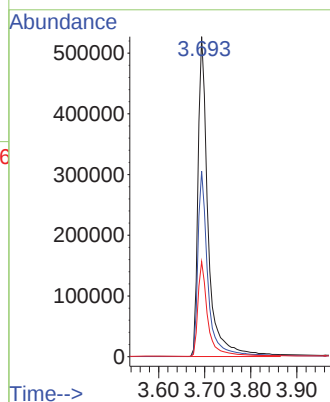
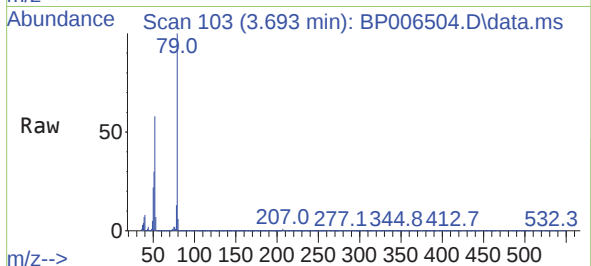




#3  
Pyridine  
Concen: 44.259 ng  
RT: 3.693 min Scan# 103  
Delta R.T. 0.000 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

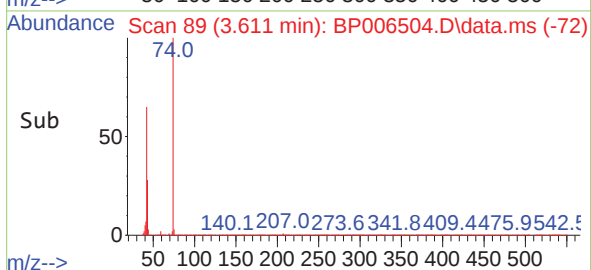
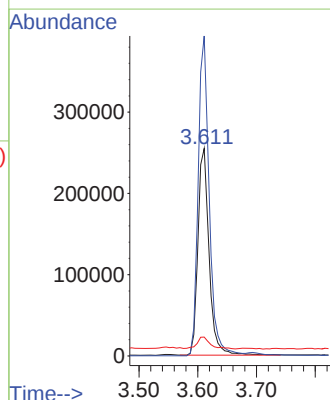
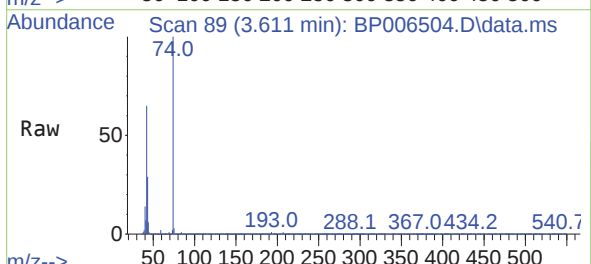
Instrument :  
BNA\_P  
ClientSampleId :  
20210575-COM-48MSD

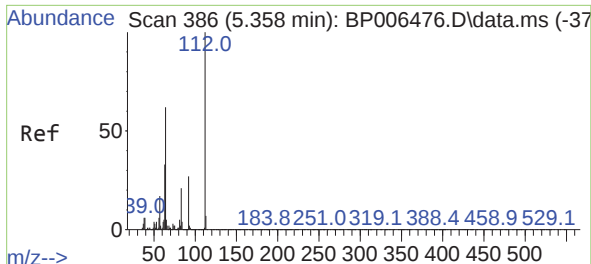
Tgt Ion: 79 Resp: 808303  
Ion Ratio Lower Upper  
79 100  
52 57.9 41.7 62.5  
51 29.7 24.1 36.1



#4  
n-Nitrosodimethylamine  
Concen: 48.682 ng  
RT: 3.611 min Scan# 89  
Delta R.T. 0.000 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

Tgt Ion: 42 Resp: 335570  
Ion Ratio Lower Upper  
42 100  
74 154.2 105.4 158.0  
44 9.1 4.2 6.4

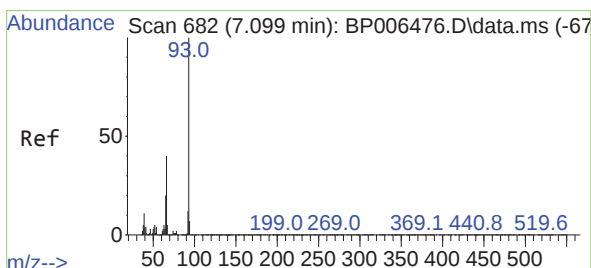
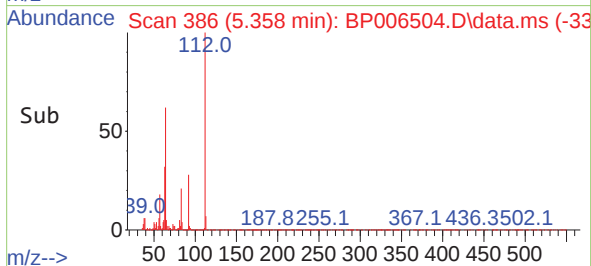
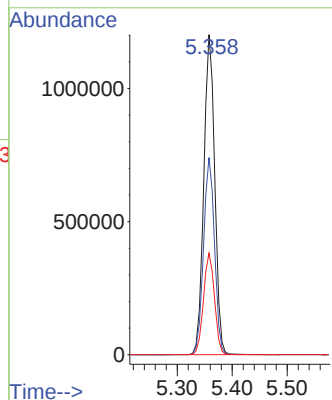
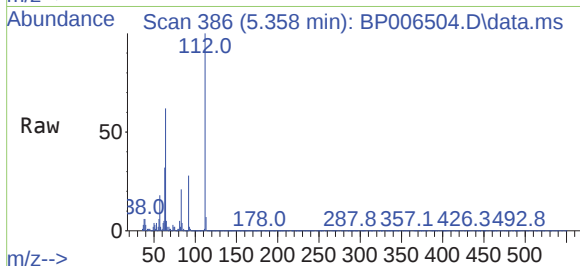




#5  
2-Fluorophenol  
Concen: 116.396 ng  
RT: 5.358 min Scan# 386  
Delta R.T. 0.000 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

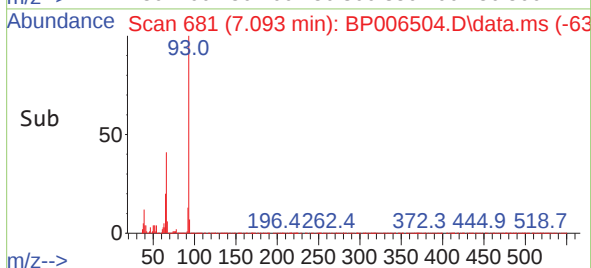
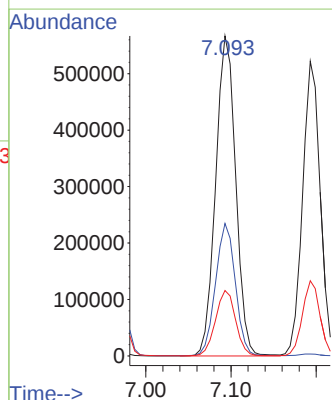
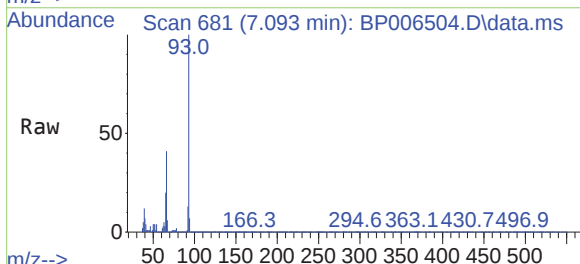
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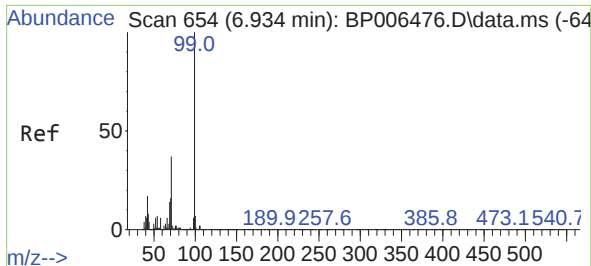
Tgt Ion:112 Resp: 1661265  
Ion Ratio Lower Upper  
112 100  
64 61.6 41.4 62.2  
63 31.7 23.8 35.8



#6  
Aniline  
Concen: 42.084 ng  
RT: 7.093 min Scan# 681  
Delta R.T. -0.006 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

Tgt Ion: 93 Resp: 926812  
Ion Ratio Lower Upper  
93 100  
66 41.4 29.7 44.5  
65 20.5 15.3 22.9



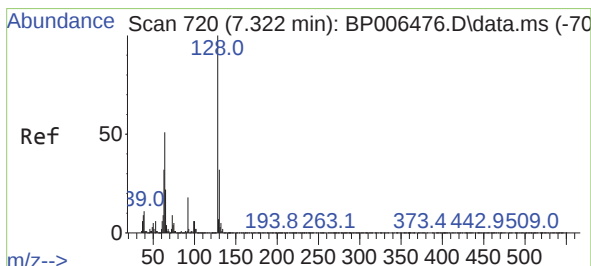
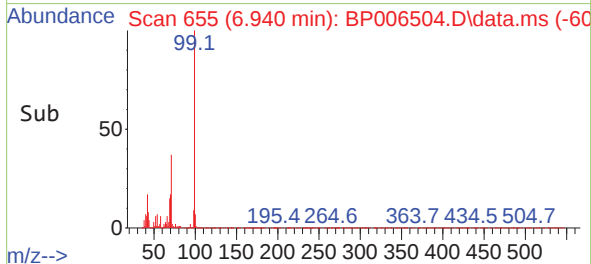
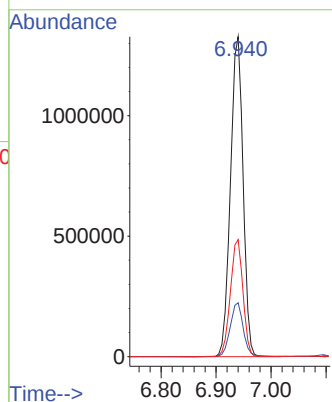
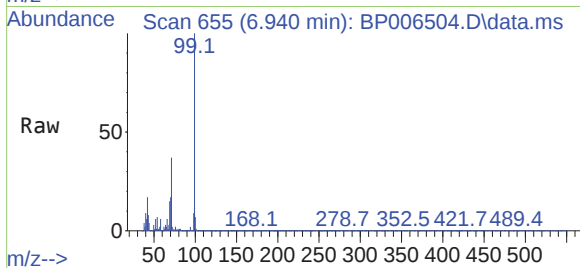


#7  
Phenol-d6  
Concen: 104.372 ng  
RT: 6.940 min Scan# 655  
Delta R.T. 0.006 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

Instrument :  
BNA\_P  
ClientSampleId :  
20210575-COM-48MSD

Tgt Ion: 99 Resp: 2116062

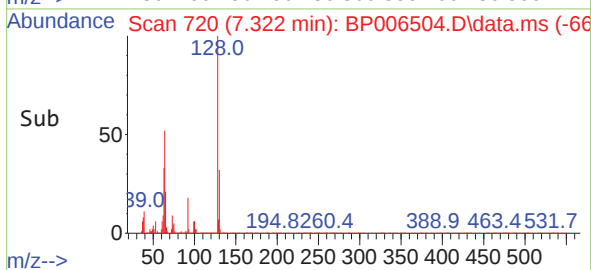
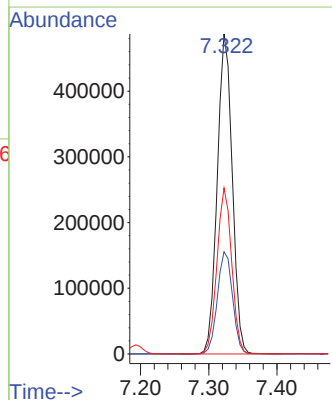
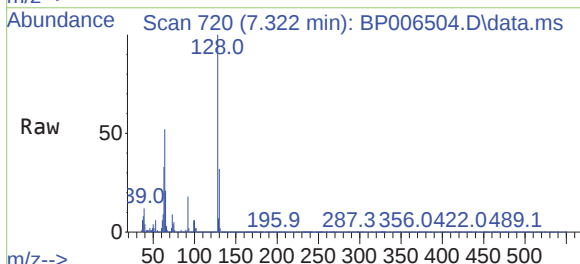
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|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 16.9  | 13.4  | 20.0  |
| 71  | 36.6  | 30.6  | 46.0  |

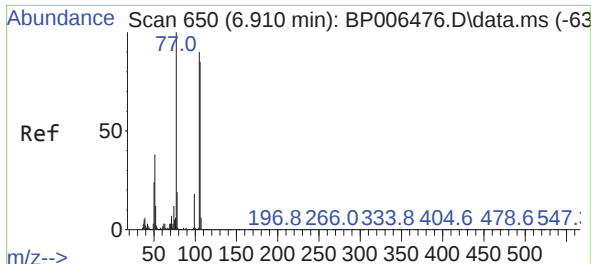


#8  
2-Chlorophenol  
Concen: 48.292 ng  
RT: 7.322 min Scan# 720  
Delta R.T. 0.000 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

Tgt Ion: 128 Resp: 745764

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.0  | 12.4  | 52.4  |
| 64  | 51.8  | 20.3  | 60.3  |

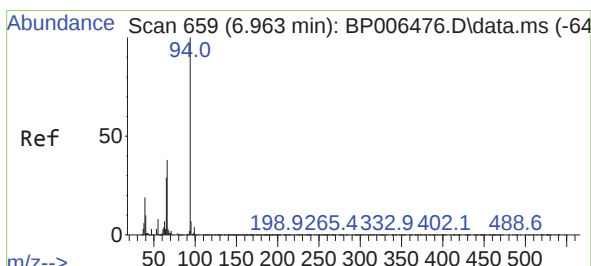
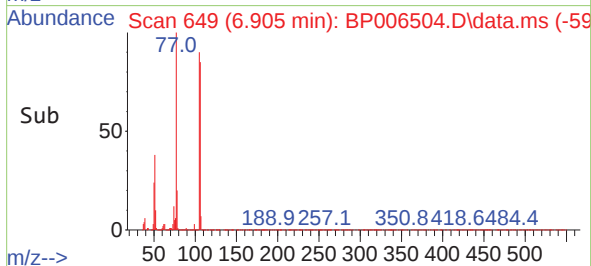
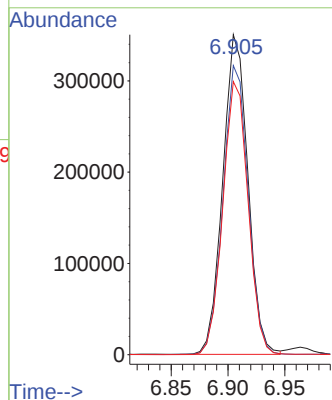
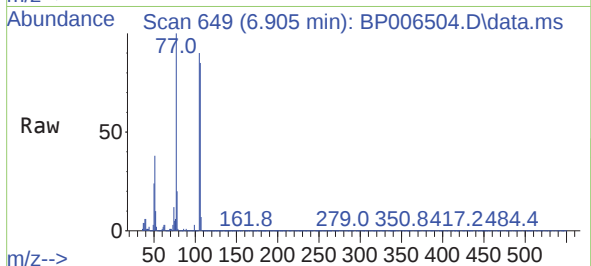




#9  
Benzaldehyde  
Concen: 44.177 ng  
RT: 6.905 min Scan# 649  
Delta R.T. -0.006 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

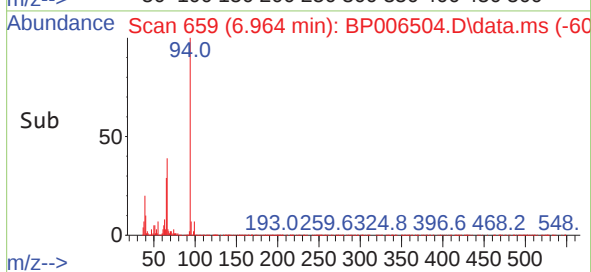
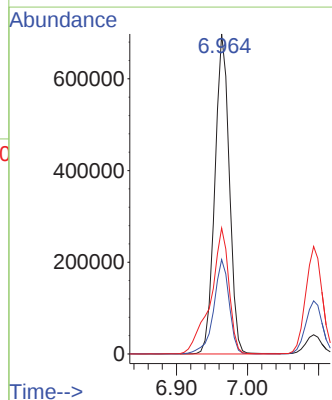
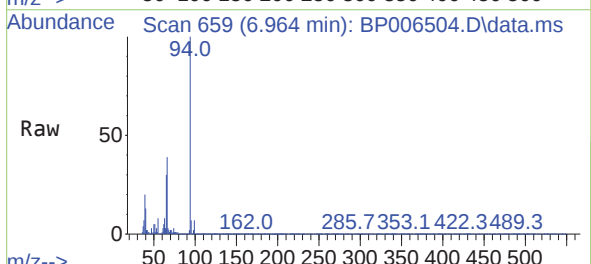
Instrument :  
BNA\_P  
ClientSampleId :  
20210575-COM-48MSD

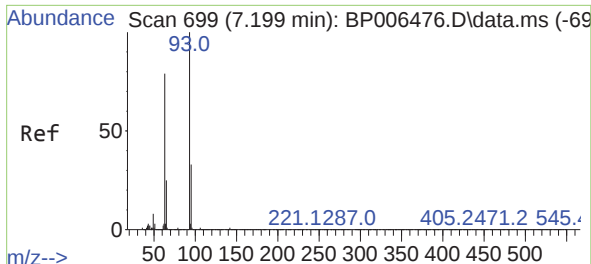
Tgt Ion: 77 Resp: 539072  
Ion Ratio Lower Upper  
77 100  
105 90.4 76.7 116.7  
106 85.4 76.2 116.2



#10  
Phenol  
Concen: 48.274 ng  
RT: 6.964 min Scan# 659  
Delta R.T. 0.000 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

Tgt Ion: 94 Resp: 981397  
Ion Ratio Lower Upper  
94 100  
65 29.5 8.8 48.8  
66 39.3 20.7 60.7

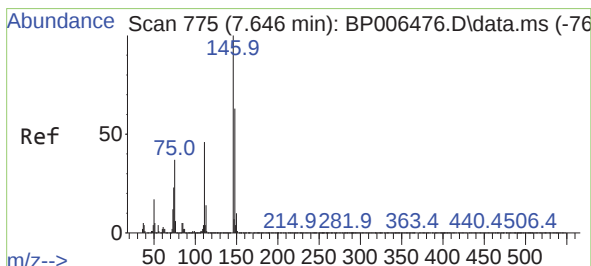
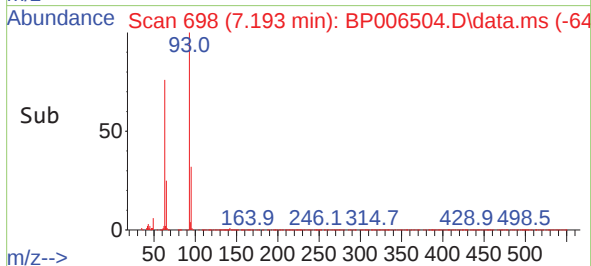
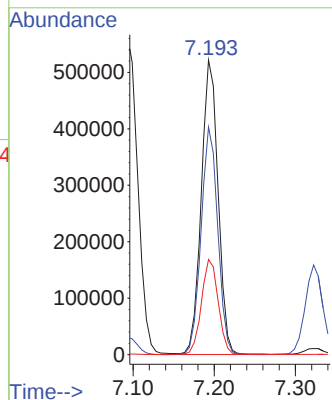
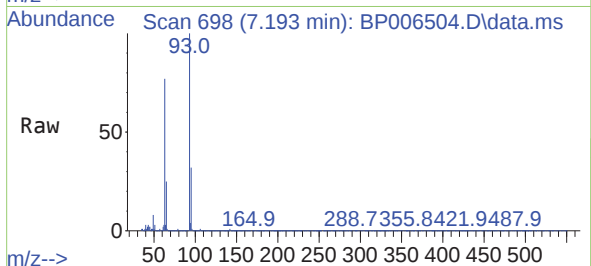




#11  
bis(2-Chloroethyl)ether  
Concen: 48.662 ng  
RT: 7.193 min Scan# 698  
Delta R.T. -0.006 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

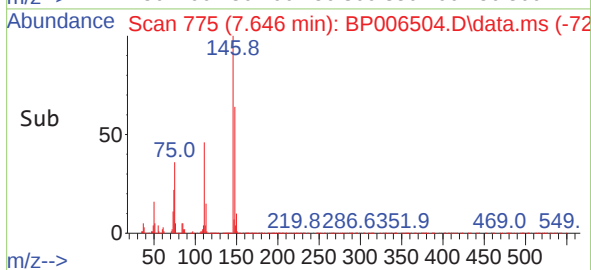
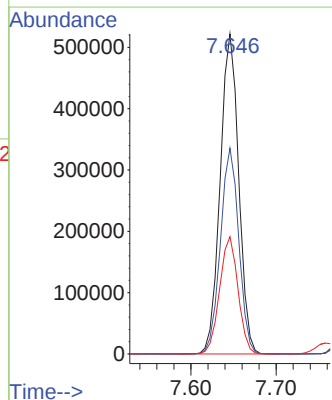
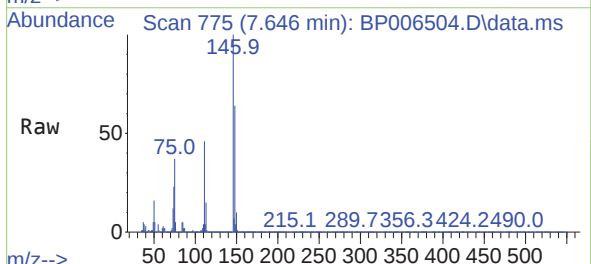
Instrument :  
BNA\_P  
ClientSampleId :  
20210575-COM-48MSD

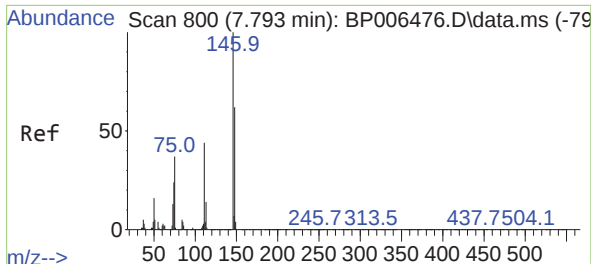
Tgt Ion: 93 Resp: 751176  
Ion Ratio Lower Upper  
93 100  
63 77.2 46.2 86.2  
95 32.3 12.2 52.2



#12  
1,3-Dichlorobenzene  
Concen: 48.988 ng  
RT: 7.646 min Scan# 775  
Delta R.T. 0.000 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

Tgt Ion:146 Resp: 788445  
Ion Ratio Lower Upper  
146 100  
148 64.3 51.5 77.3  
75 36.7 25.7 38.5

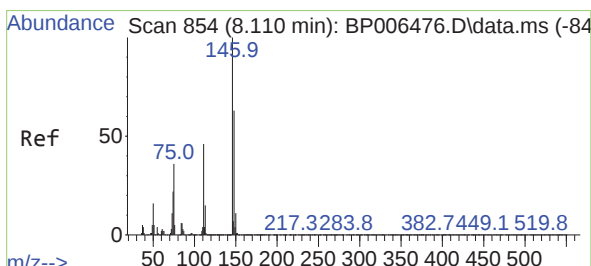
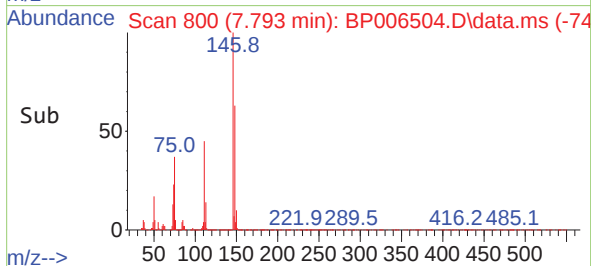
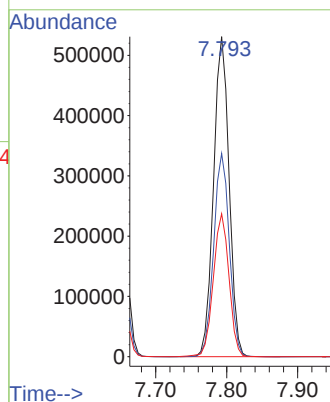
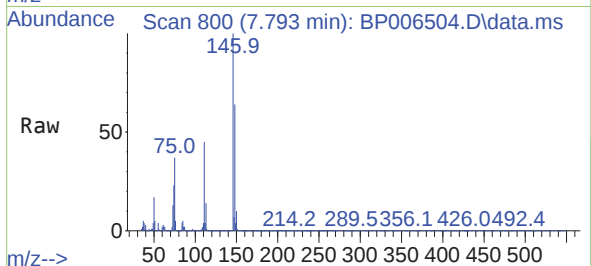




#13  
1,4-Dichlorobenzene  
Concen: 49.228 ng  
RT: 7.793 min Scan# 800  
Delta R.T. 0.000 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

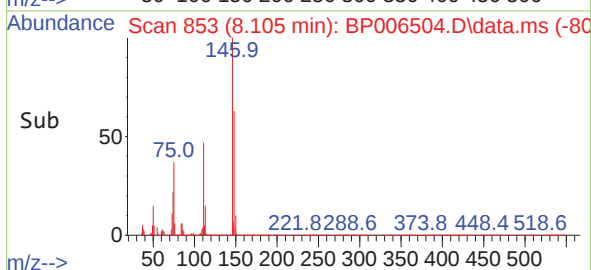
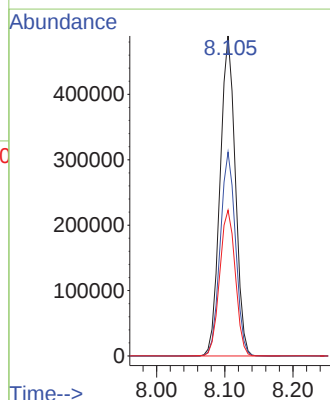
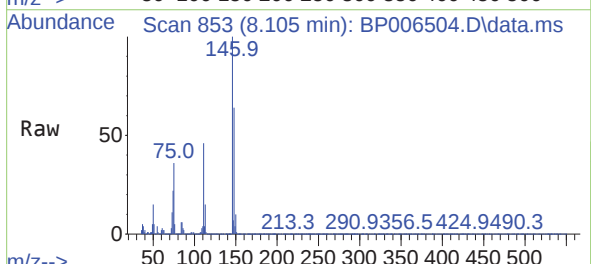
Instrument :  
BNA\_P  
ClientSampleId :  
20210575-COM-48MSD

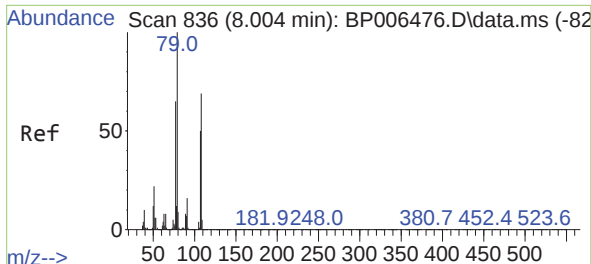
Tgt Ion:146 Resp: 804111  
Ion Ratio Lower Upper  
146 100  
148 63.5 51.3 76.9  
111 44.7 33.0 49.6



#14  
1,2-Dichlorobenzene  
Concen: 48.643 ng  
RT: 8.105 min Scan# 853  
Delta R.T. -0.006 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

Tgt Ion:146 Resp: 762432  
Ion Ratio Lower Upper  
146 100  
148 63.7 50.3 75.5  
111 45.5 33.7 50.5

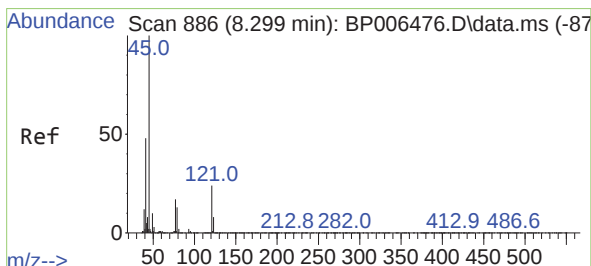
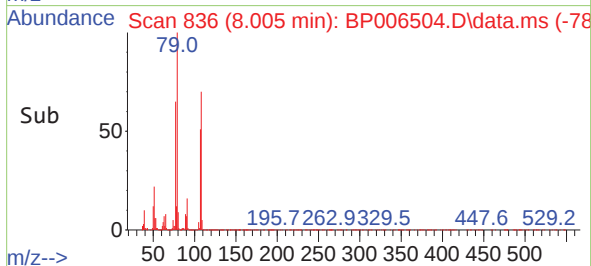
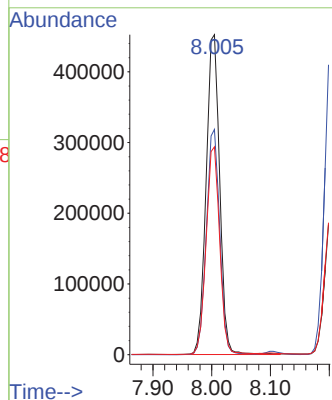
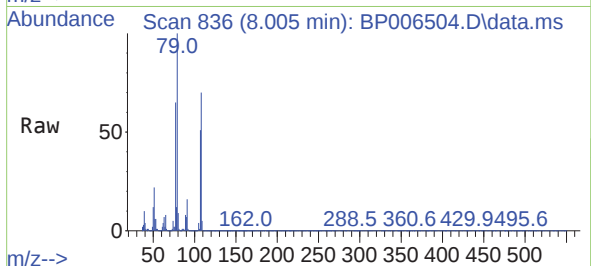




#15  
Benzyl Alcohol  
Concen: 47.544 ng  
RT: 8.005 min Scan# 836  
Delta R.T. 0.000 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

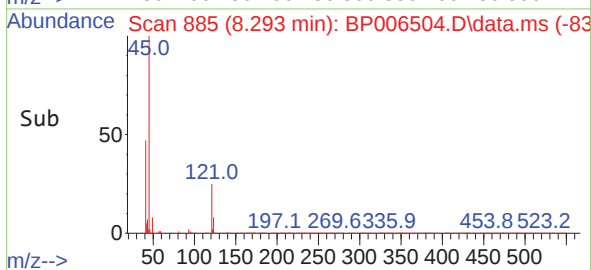
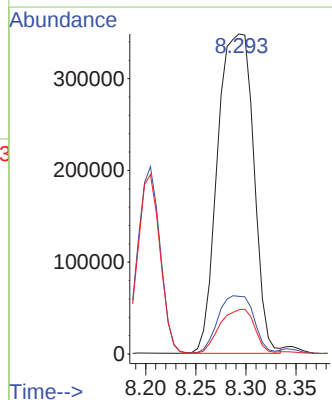
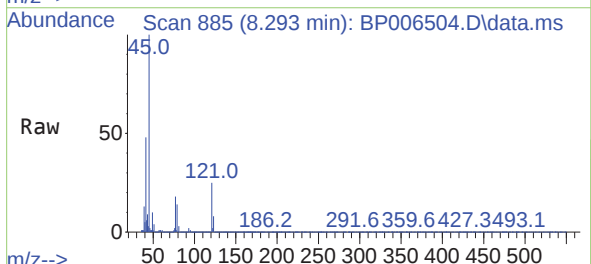
Instrument :  
BNA\_P  
ClientSampleId :  
20210575-COM-48MSD

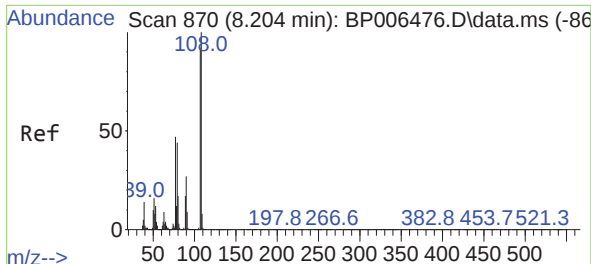
Tgt Ion: 79 Resp: 722862  
Ion Ratio Lower Upper  
79 100  
108 70.4 62.5 93.7  
77 64.9 52.9 79.3



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 47.216 ng  
RT: 8.293 min Scan# 885  
Delta R.T. -0.006 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

Tgt Ion: 45 Resp: 867327  
Ion Ratio Lower Upper  
45 100  
77 18.0 2.0 42.0  
79 13.8 0.0 36.7

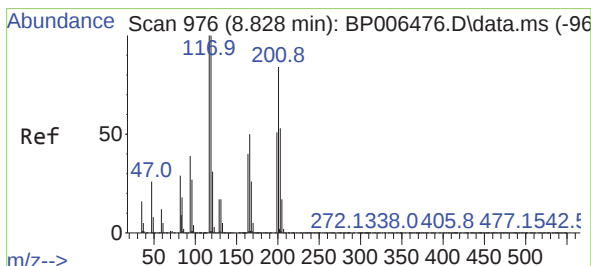
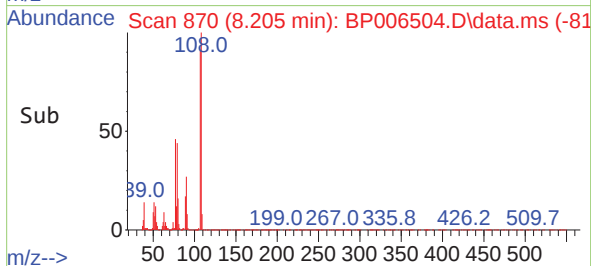
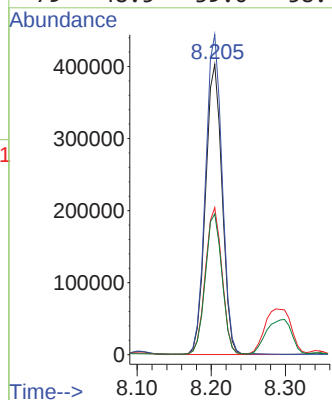
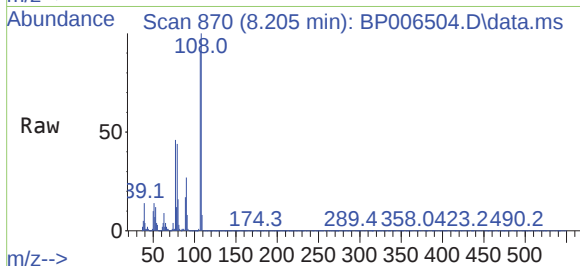




#17  
2-Methylphenol  
Concen: 48.877 ng  
RT: 8.205 min Scan# 870  
Delta R.T. 0.000 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

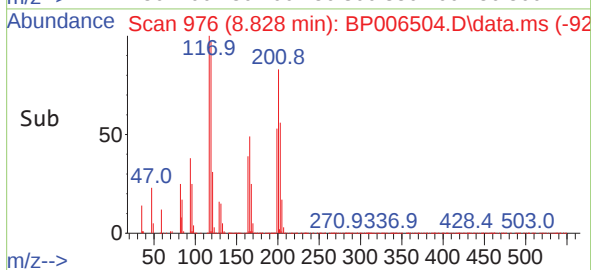
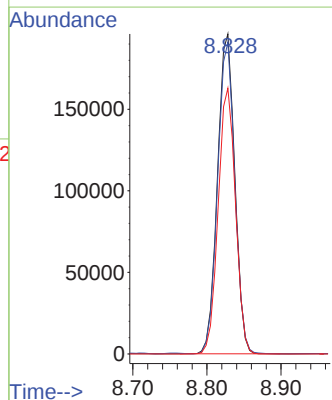
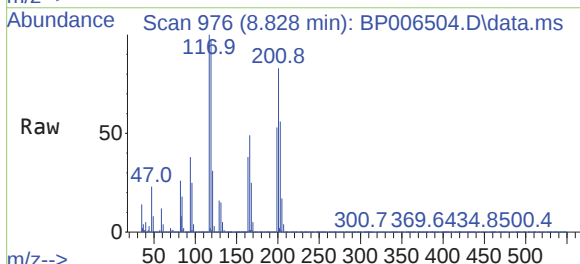
Instrument :  
BNA\_P  
ClientSampleId :  
20210575-COM-48MSD

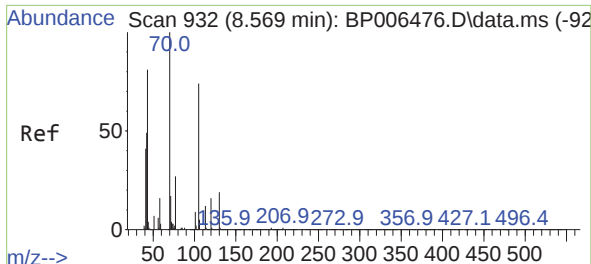
Tgt Ion:107 Resp: 627435  
Ion Ratio Lower Upper  
107 100  
108 110.2 87.7 131.5  
77 50.7 40.2 60.2  
79 48.5 39.0 58.4



#18  
Hexachloroethane  
Concen: 49.165 ng  
RT: 8.828 min Scan# 976  
Delta R.T. 0.000 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

Tgt Ion:117 Resp: 317868  
Ion Ratio Lower Upper  
117 100  
119 97.4 76.2 114.2  
201 83.0 83.4 125.0#

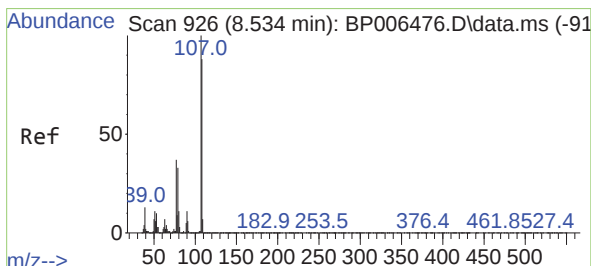
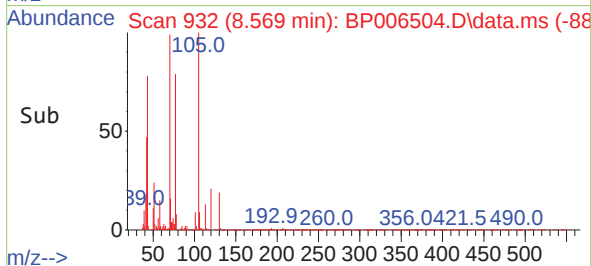
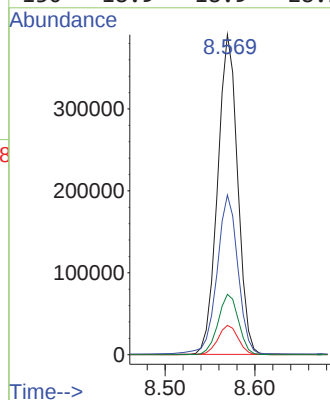
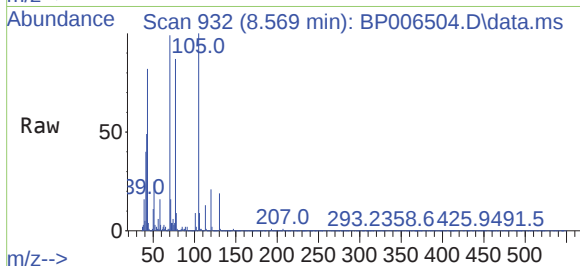




#19  
n-Nitroso-di-n-propylamine  
Concen: 44.445 ng  
RT: 8.569 min Scan# 932  
Delta R.T. 0.000 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

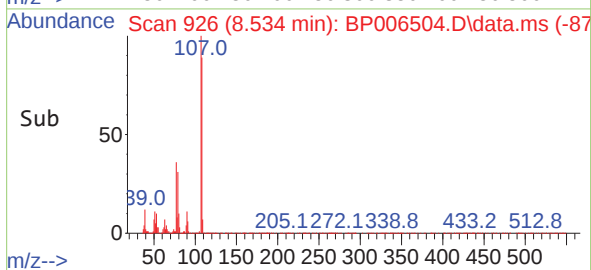
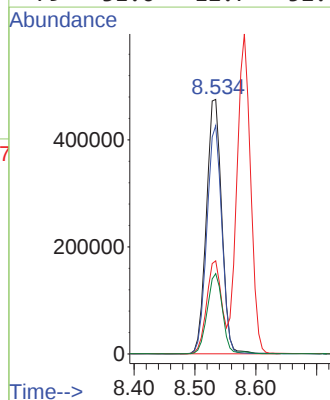
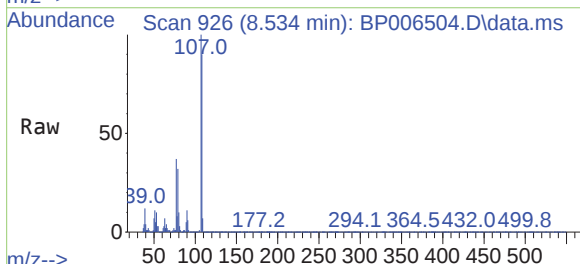
Instrument :  
BNA\_P  
ClientSampleId :  
20210575-COM-48MSD

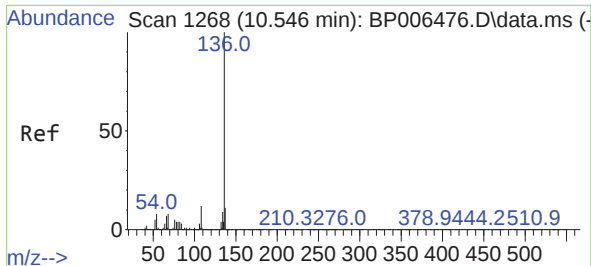
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 604541 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 49.9  | 40.8  | 61.2   |
| 101      | 9.2   | 8.8   | 13.2   |
| 130      | 18.9  | 18.9  | 28.3   |



#20  
3+4-Methylphenols  
Concen: 47.676 ng  
RT: 8.534 min Scan# 926  
Delta R.T. 0.000 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 833039 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 89.7  | 71.0  | 111.0  |
| 77       | 36.6  | 16.6  | 56.6   |
| 79       | 31.6  | 12.7  | 52.7   |

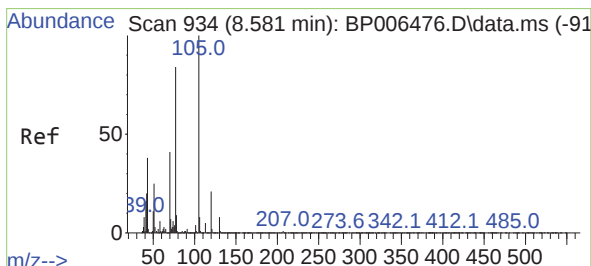
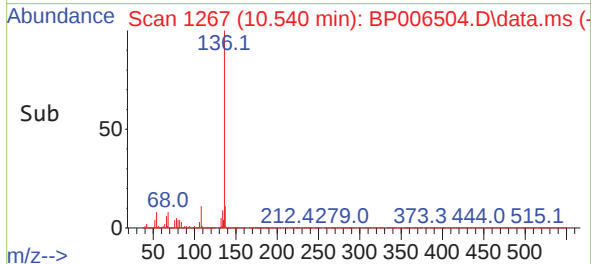
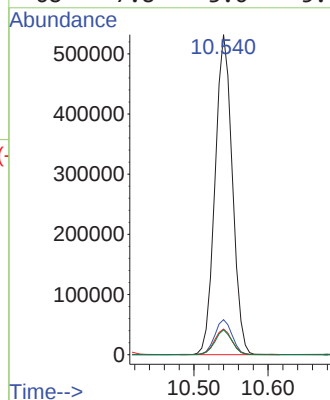
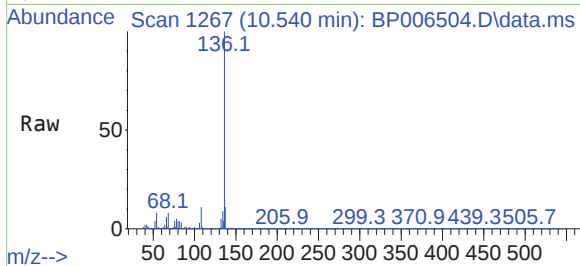




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.540 min Scan# 1267  
Delta R.T. -0.006 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

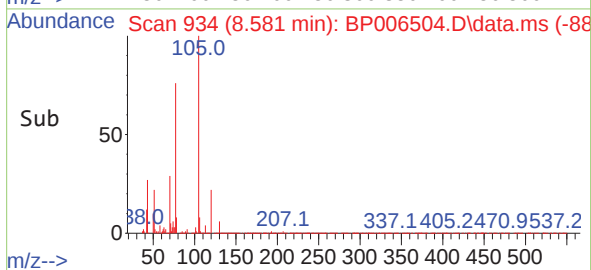
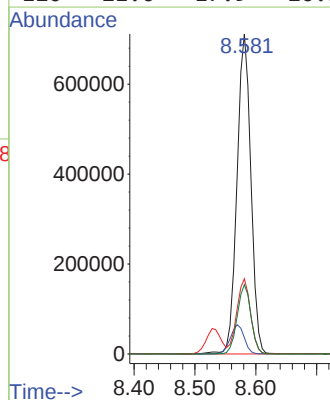
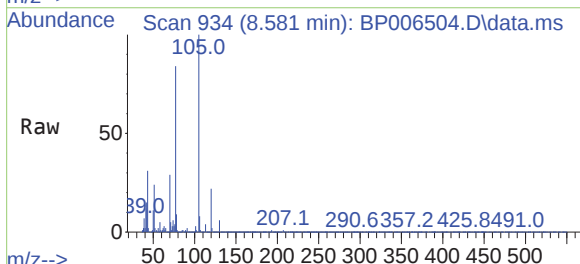
Instrument :  
BNA\_P  
ClientSampleId :  
20210575-COM-48MSD

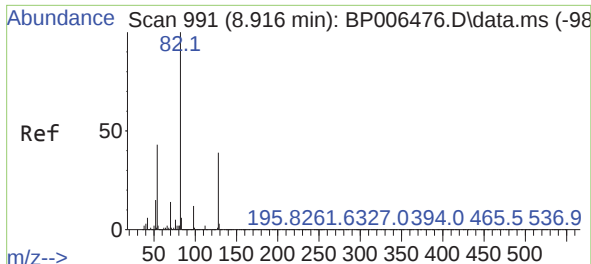
Tgt Ion:136 Resp: 859663  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.6 12.8  
54 8.0 4.6 6.8#  
68 7.8 3.6 5.4#



#22  
Acetophenone  
Concen: 49.312 ng  
RT: 8.581 min Scan# 934  
Delta R.T. 0.000 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

Tgt Ion:105 Resp: 1124200  
Ion Ratio Lower Upper  
105 100  
71 5.1 1.9 2.9#  
51 23.5 18.4 27.6  
120 21.6 17.9 26.9





#23

Nitrobenzene-d5

Concen: 73.945 ng

RT: 8.916 min Scan# 991

Delta R.T. 0.000 min

Lab File: BP006504.D

Acq: 05 Aug 2021 13:25

Instrument :

BNA\_P

ClientSampleId :

20210575-COM-48MSD

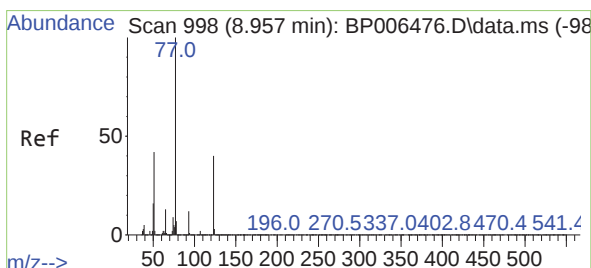
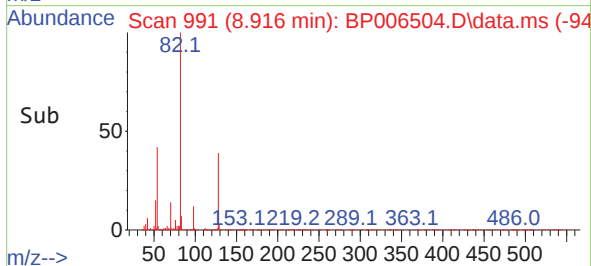
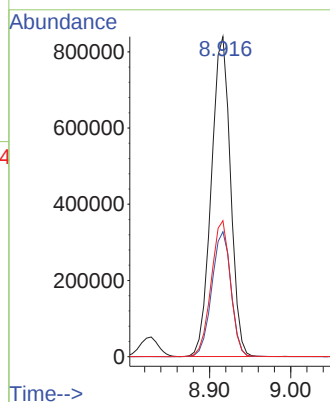
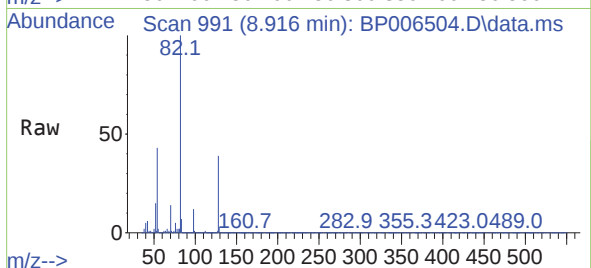
Tgt Ion: 82 Resp: 1377201

Ion Ratio Lower Upper

82 100

128 39.1 35.7 53.5

54 42.5 35.0 52.4



#24

Nitrobenzene

Concen: 46.458 ng

RT: 8.958 min Scan# 998

Delta R.T. 0.000 min

Lab File: BP006504.D

Acq: 05 Aug 2021 13:25

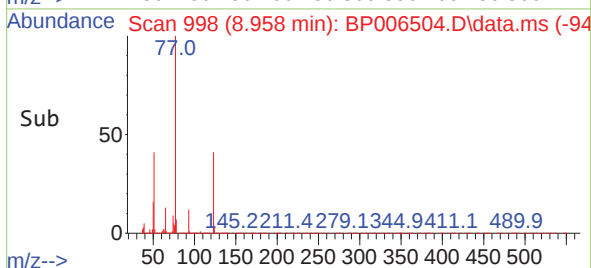
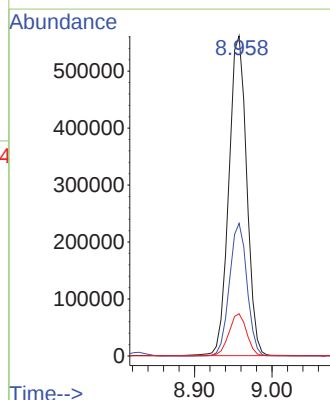
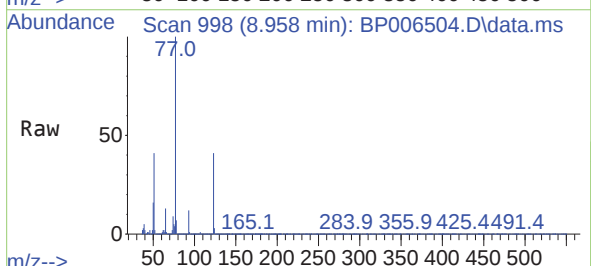
Tgt Ion: 77 Resp: 899447

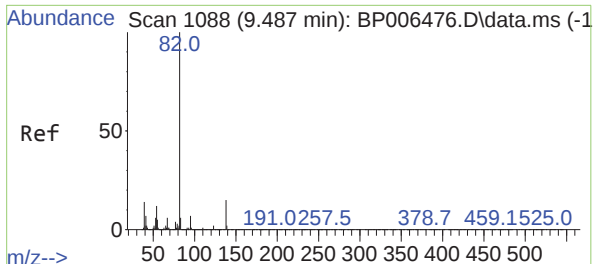
Ion Ratio Lower Upper

77 100

123 41.4 38.2 57.2

65 13.2 11.4 17.2

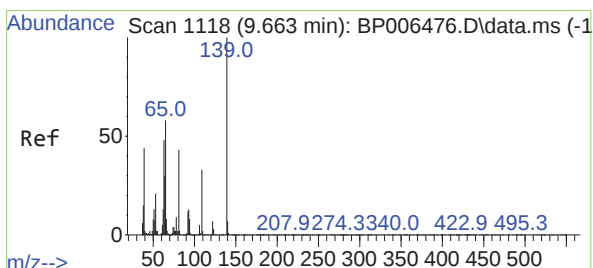
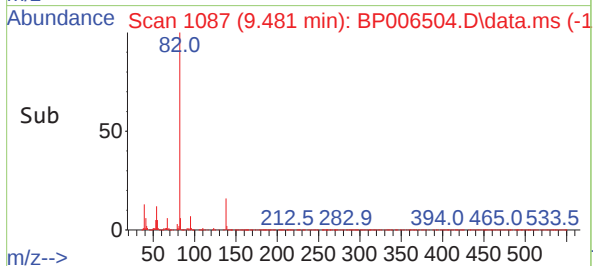
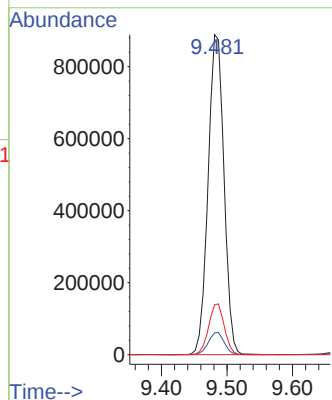
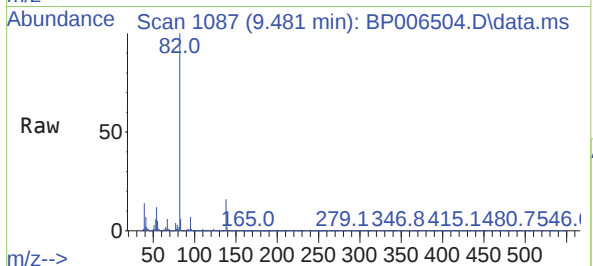




#25  
Isophorone  
Concen: 44.758 ng  
RT: 9.481 min Scan# 1087  
Delta R.T. -0.006 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

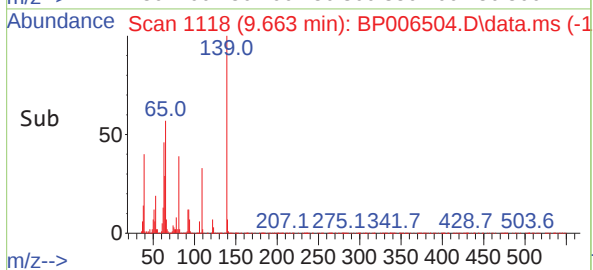
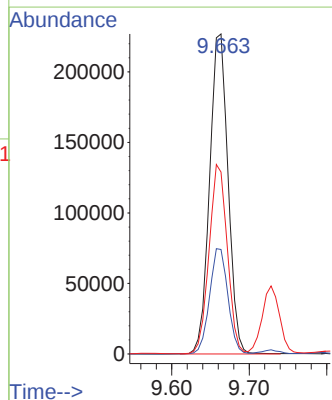
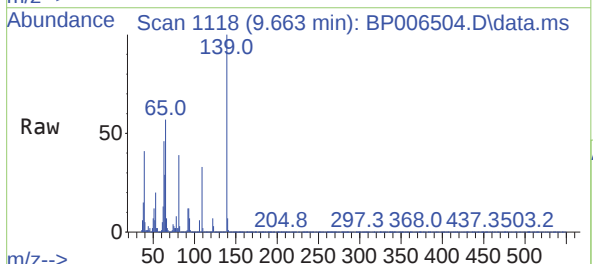
Instrument :  
BNA\_P  
ClientSampleId :  
20210575-COM-48MSD

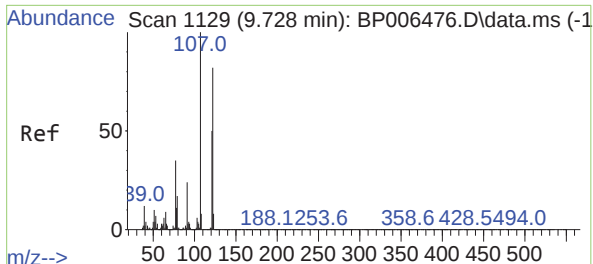
Tgt Ion: 82 Resp: 1497230  
Ion Ratio Lower Upper  
82 100  
95 6.9 6.5 9.7  
138 15.6 15.0 22.4



#26  
2-Nitrophenol  
Concen: 53.195 ng  
RT: 9.663 min Scan# 1118  
Delta R.T. 0.000 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

Tgt Ion: 139 Resp: 374801  
Ion Ratio Lower Upper  
139 100  
109 32.7 28.8 43.2  
65 56.9 41.0 61.6

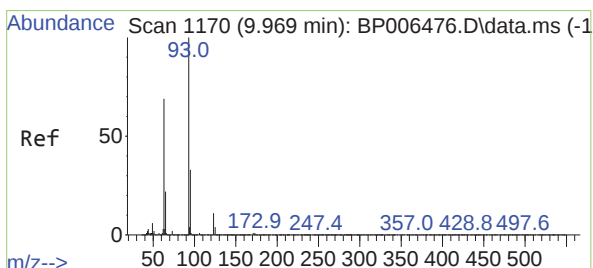
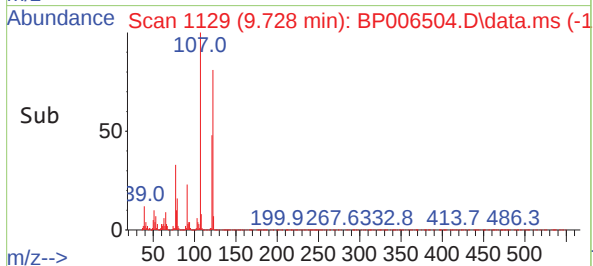
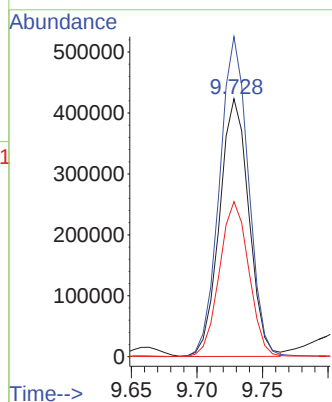
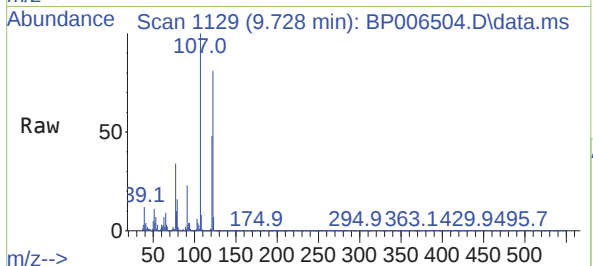




#27  
2,4-Dimethylphenol  
Concen: 55.777 ng  
RT: 9.728 min Scan# 1129  
Delta R.T. 0.000 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

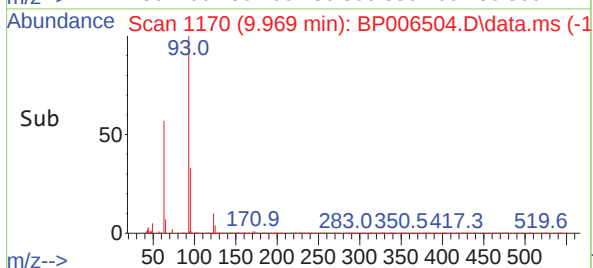
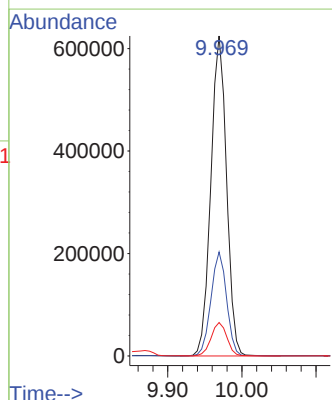
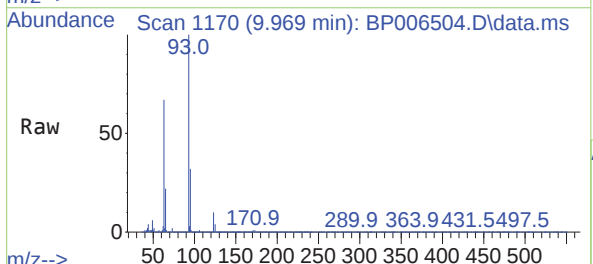
Instrument :  
BNA\_P  
ClientSampleId :  
20210575-COM-48MSD

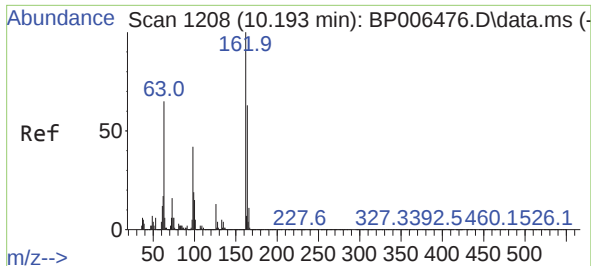
Tgt Ion:122 Resp: 658091  
Ion Ratio Lower Upper  
122 100  
107 124.1 94.5 141.7  
121 60.1 47.4 71.2



#28  
bis(2-Chloroethoxy)methane  
Concen: 51.257 ng  
RT: 9.969 min Scan# 1170  
Delta R.T. 0.000 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

Tgt Ion: 93 Resp: 917425  
Ion Ratio Lower Upper  
93 100  
95 32.5 25.9 38.9  
123 10.4 10.2 15.2

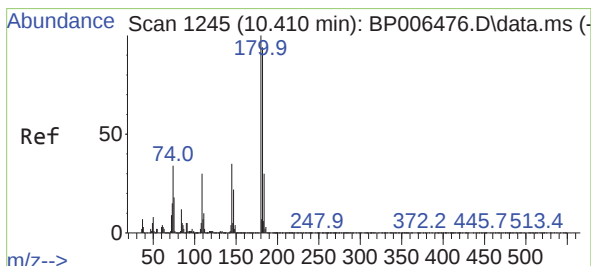
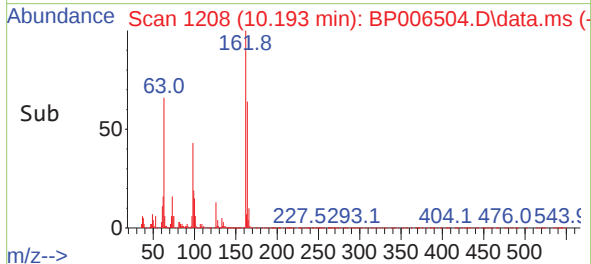
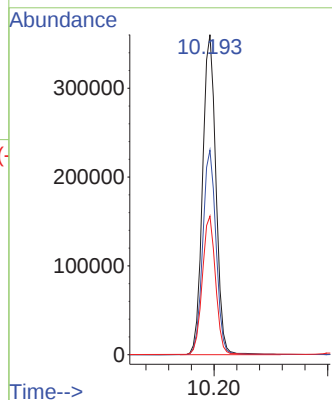
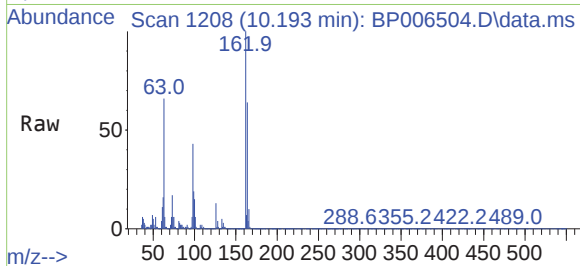




#29  
2,4-Dichlorophenol  
Concen: 49.024 ng  
RT: 10.193 min Scan# 1208  
Delta R.T. 0.000 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

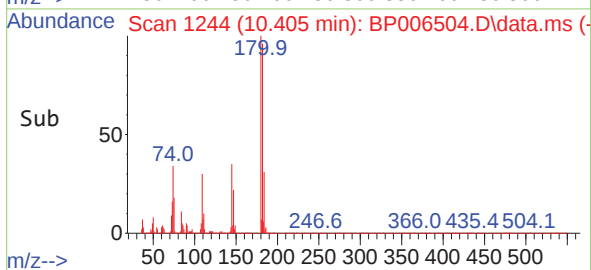
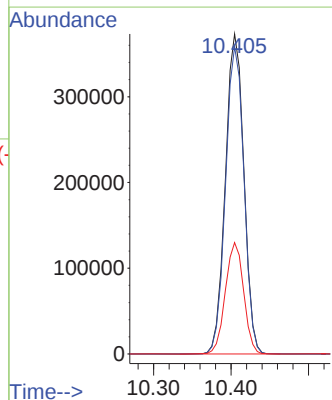
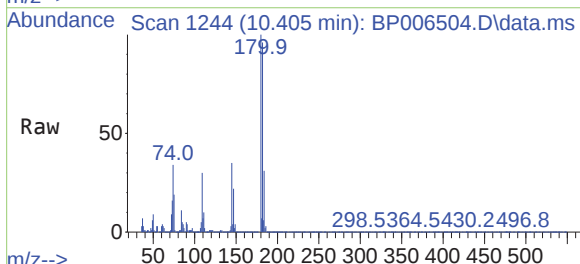
Instrument :  
BNA\_P  
ClientSampleId :  
20210575-COM-48MSD

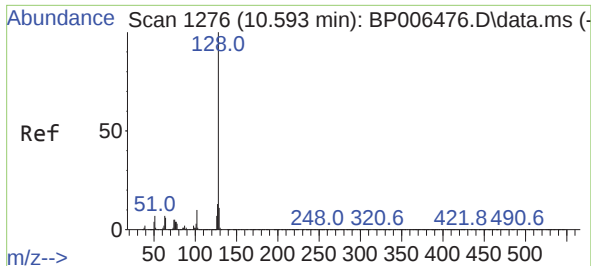
Tgt Ion:162 Resp: 585598  
Ion Ratio Lower Upper  
162 100  
164 63.9 44.9 84.9  
98 43.3 14.3 54.3



#30  
1,2,4-Trichlorobenzene  
Concen: 48.209 ng  
RT: 10.405 min Scan# 1244  
Delta R.T. -0.006 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

Tgt Ion:180 Resp: 618793  
Ion Ratio Lower Upper  
180 100  
182 96.0 77.9 116.9  
145 34.8 24.7 37.1

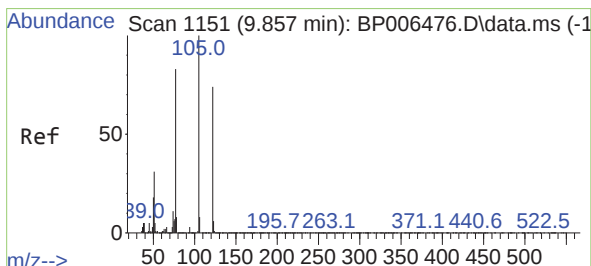
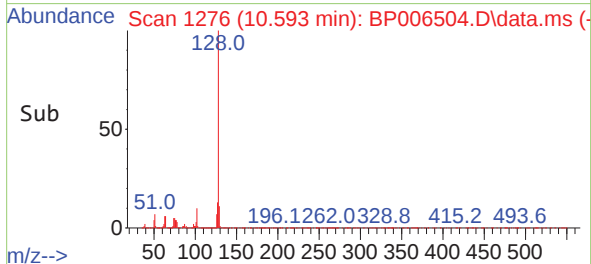
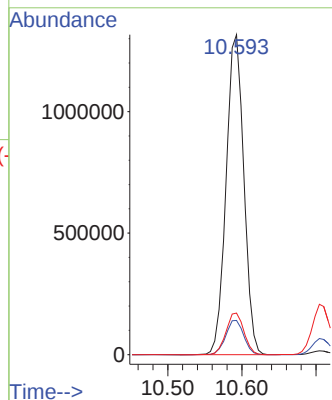
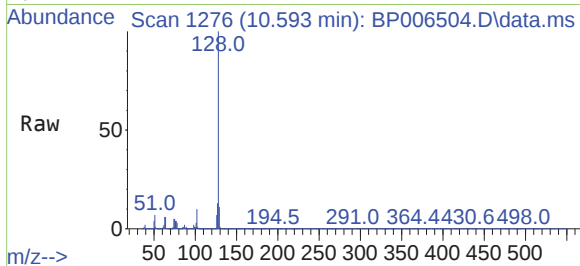




#31  
Naphthalene  
Concen: 47.213 ng  
RT: 10.593 min Scan# 1276  
Delta R.T. 0.000 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

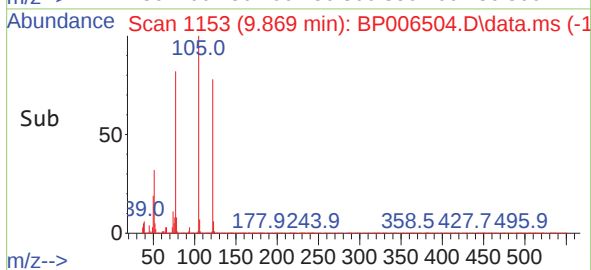
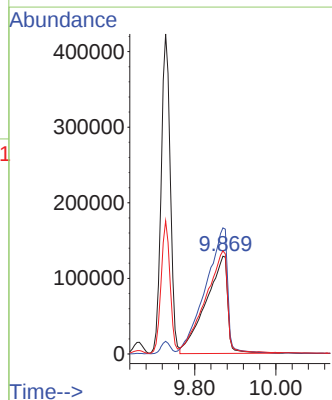
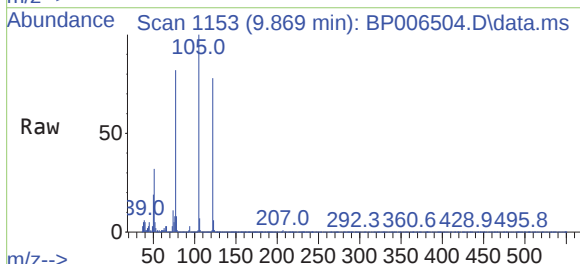
Instrument :  
BNA\_P  
ClientSampleId :  
20210575-COM-48MSD

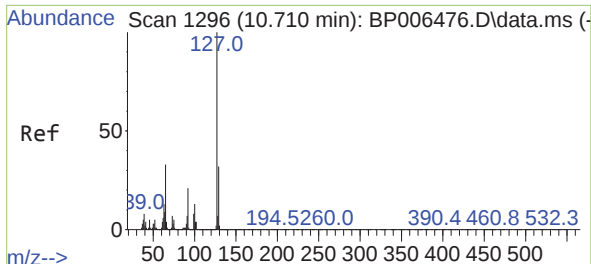
Tgt Ion:128 Resp: 2180933  
Ion Ratio Lower Upper  
128 100  
129 10.7 9.0 13.6  
127 13.0 10.7 16.1



#32  
Benzoic acid  
Concen: 52.669 ng  
RT: 9.869 min Scan# 1153  
Delta R.T. 0.012 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

Tgt Ion:122 Resp: 480727  
Ion Ratio Lower Upper  
122 100  
105 129.0 103.2 143.2  
77 105.5 76.2 116.2

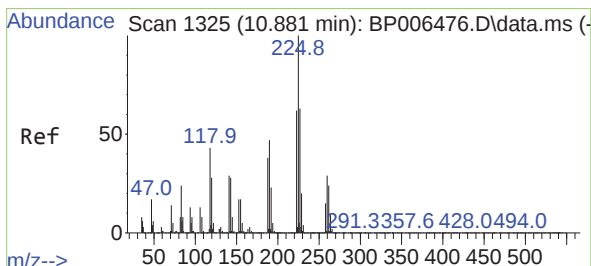
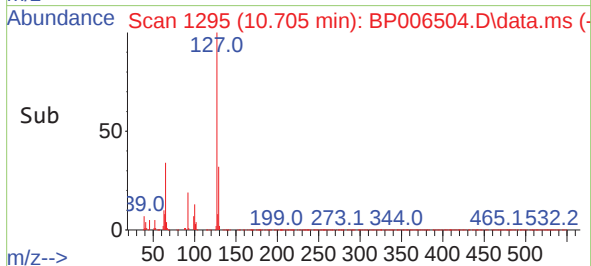
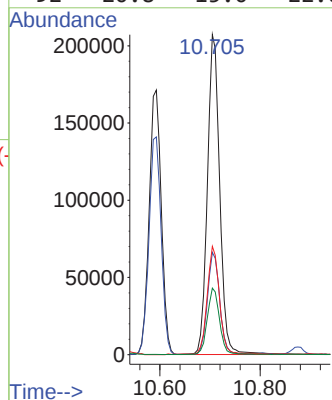
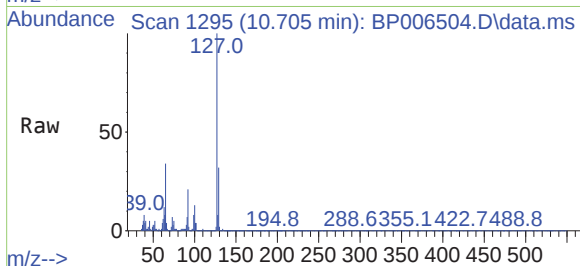




#33  
4-Chloroaniline  
Concen: 18.947 ng  
RT: 10.705 min Scan# 1295  
Delta R.T. -0.006 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

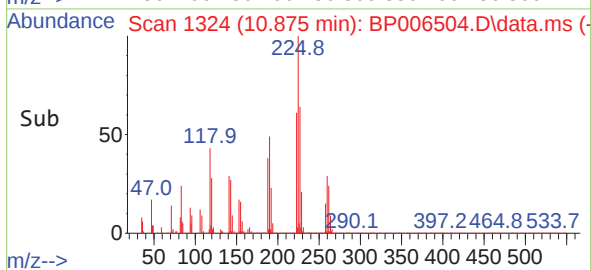
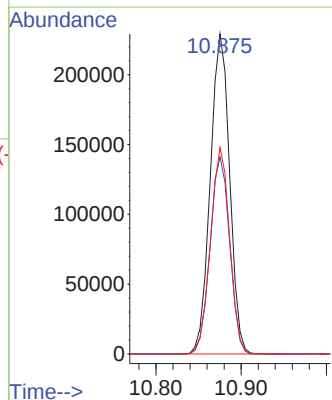
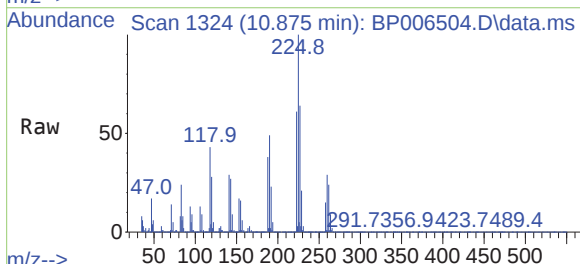
Instrument :  
BNA\_P  
ClientSampleId :  
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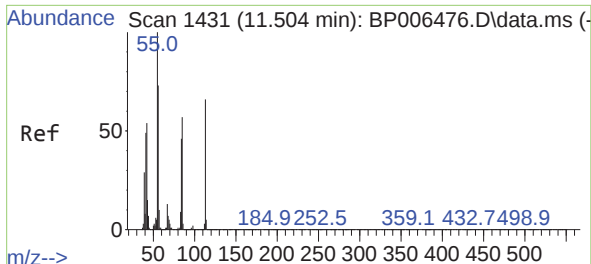
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 354177 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.0  | 26.1  | 39.1   |
| 65       | 33.9  | 22.5  | 33.7#  |
| 92       | 20.8  | 15.0  | 22.6   |



#34  
Hexachlorobutadiene  
Concen: 48.227 ng  
RT: 10.875 min Scan# 1324  
Delta R.T. -0.006 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 360728 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 61.5  | 51.0  | 76.6   |
| 227      | 64.5  | 51.4  | 77.2   |

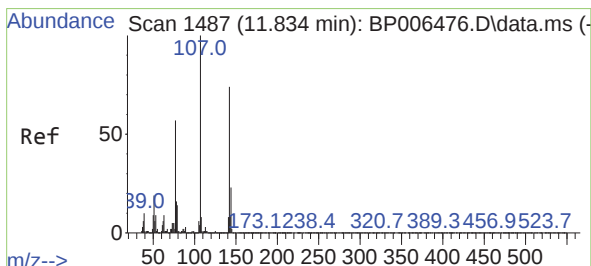
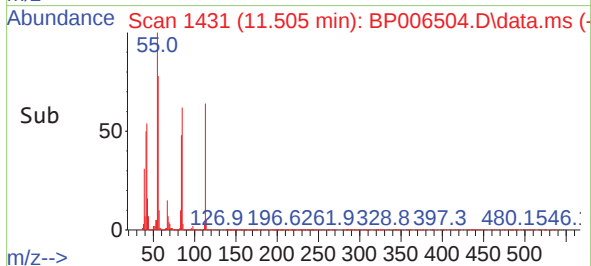
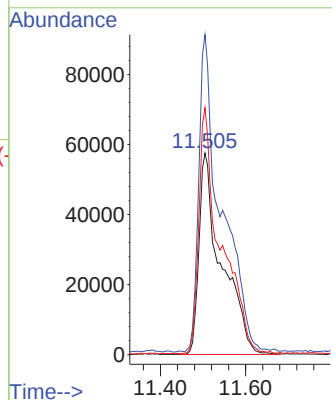
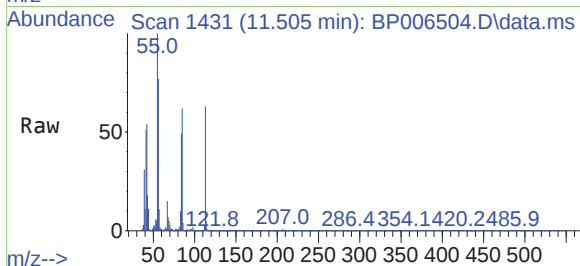




#35  
Caprolactam  
Concen: 48.821 ng  
RT: 11.505 min Scan# 1431  
Delta R.T. 0.000 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

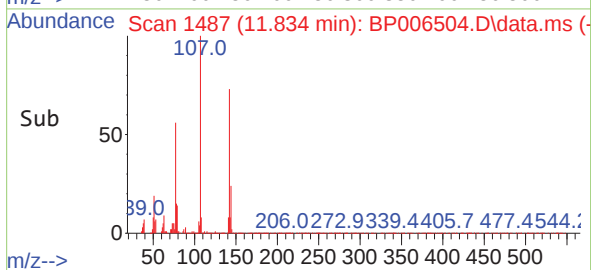
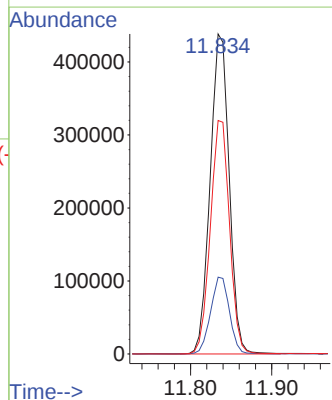
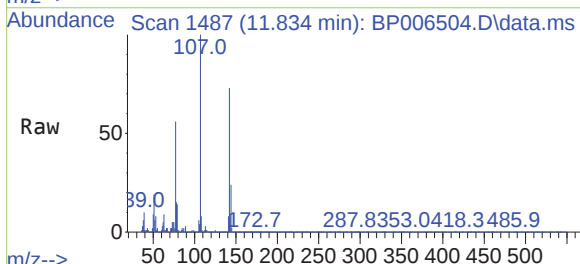
Instrument :  
BNA\_P  
ClientSampleId :  
20210575-COM-48MSD

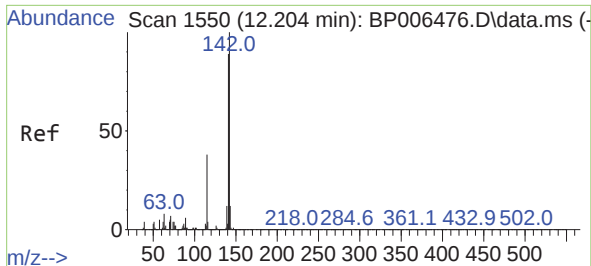
Tgt Ion:113 Resp: 210281  
Ion Ratio Lower Upper  
113 100  
55 158.7 98.9 138.9#  
56 122.4 71.7 111.7#



#36  
4-Chloro-3-methylphenol  
Concen: 47.009 ng  
RT: 11.834 min Scan# 1487  
Delta R.T. 0.000 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

Tgt Ion:107 Resp: 713441  
Ion Ratio Lower Upper  
107 100  
144 24.0 21.1 31.7  
142 72.9 66.0 99.0

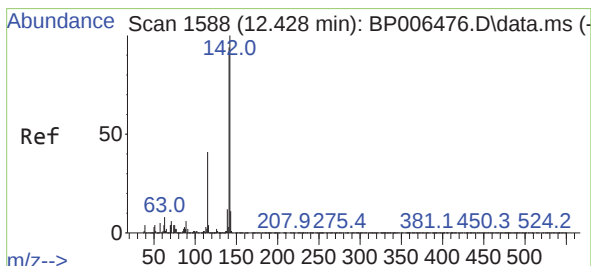
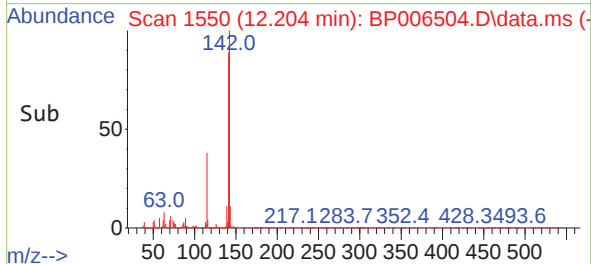
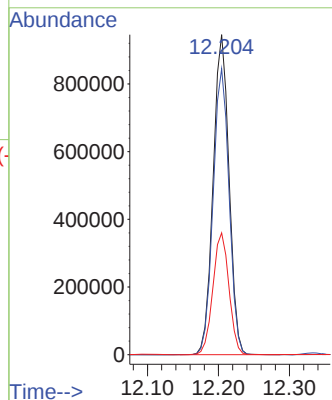
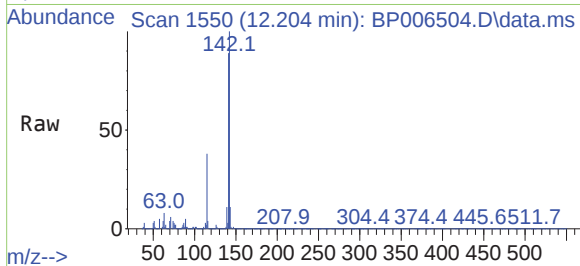




#37  
2-Methylnaphthalene  
Concen: 46.768 ng  
RT: 12.204 min Scan# 1550  
Delta R.T. 0.000 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

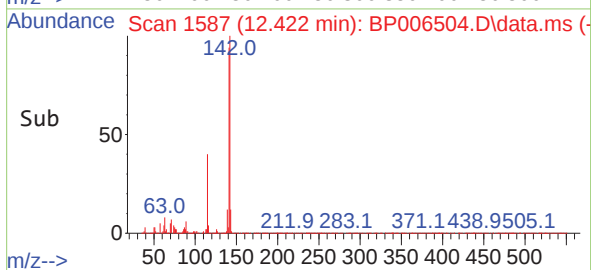
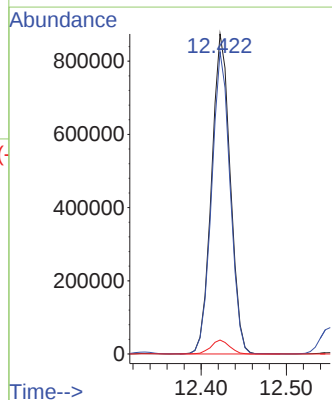
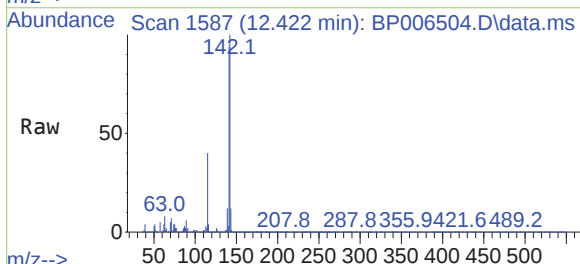
Instrument :  
BNA\_P  
ClientSampleId :  
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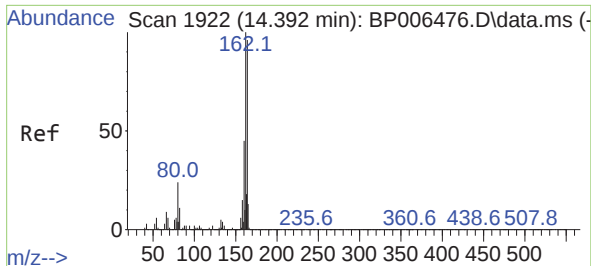
Tgt Ion:142 Resp: 1463940  
Ion Ratio Lower Upper  
142 100  
141 89.3 71.8 107.6  
115 38.1 31.6 47.4



#38  
1-Methylnaphthalene  
Concen: 44.929 ng  
RT: 12.422 min Scan# 1587  
Delta R.T. -0.006 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

Tgt Ion:142 Resp: 1336485  
Ion Ratio Lower Upper  
142 100  
141 94.5 73.3 109.9  
116 4.3 3.5 5.3

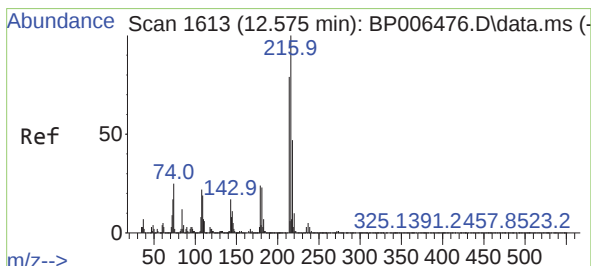
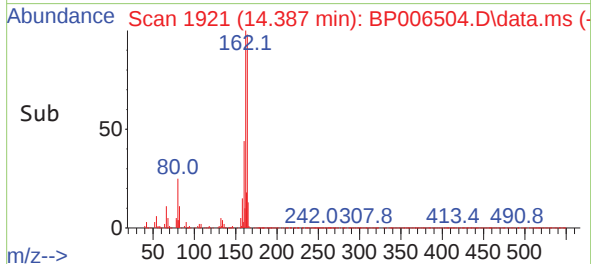
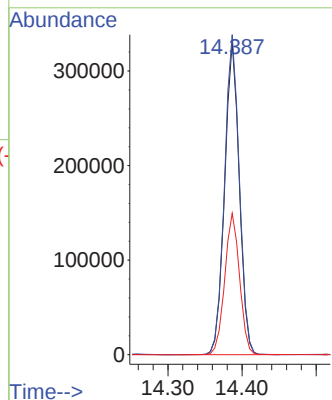
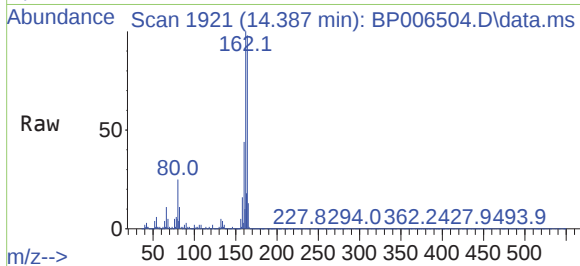




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.387 min Scan# 1921  
Delta R.T. -0.006 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

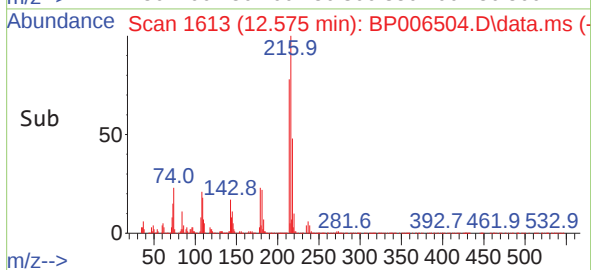
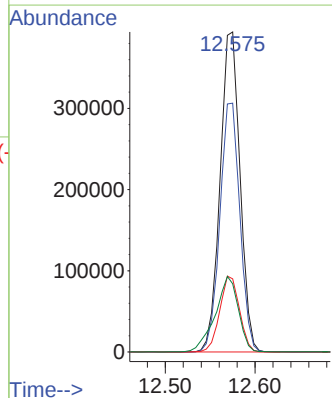
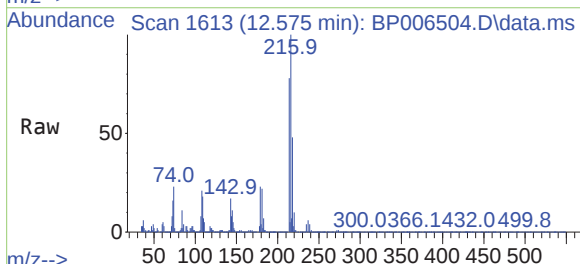
Instrument :  
BNA\_P  
ClientSampleId :  
20210575-COM-48MSD

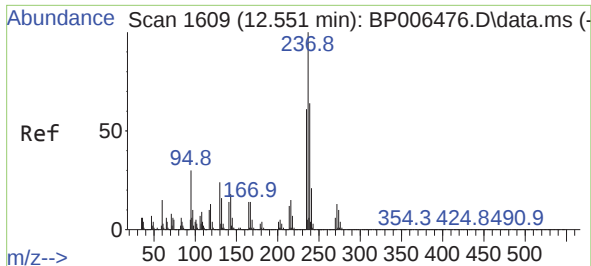
Tgt Ion:164 Resp: 453561  
Ion Ratio Lower Upper  
164 100  
162 102.4 80.2 120.2  
160 45.2 34.5 51.7



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 51.121 ng  
RT: 12.575 min Scan# 1613  
Delta R.T. 0.000 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

Tgt Ion:216 Resp: 606857  
Ion Ratio Lower Upper  
216 100  
214 78.2 61.9 92.9  
179 23.4 16.8 25.2  
108 27.4 14.9 22.3#

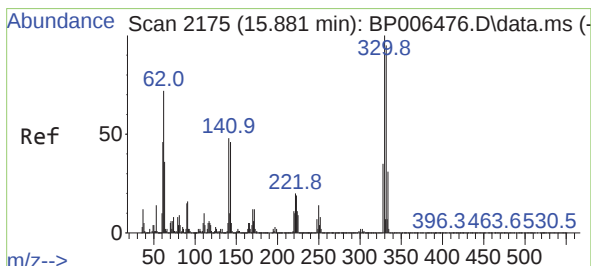
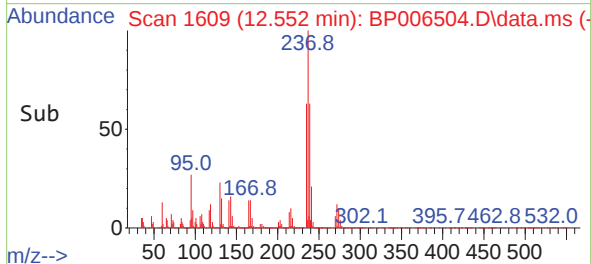
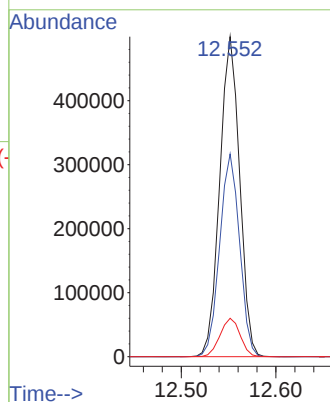
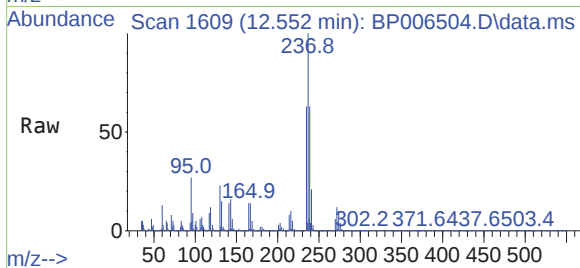




#41  
Hexachlorocyclopentadiene  
Concen: 115.981 ng  
RT: 12.552 min Scan# 1609  
Delta R.T. 0.000 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

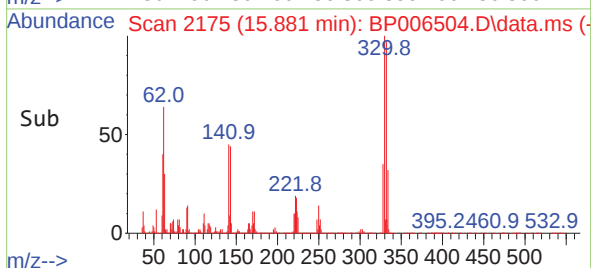
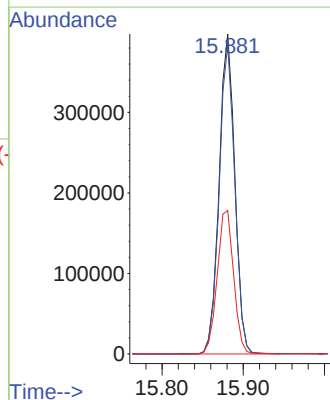
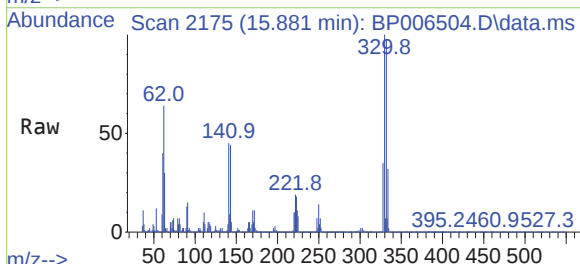
Instrument :  
BNA\_P  
ClientSampleId :  
20210575-COM-48MSD

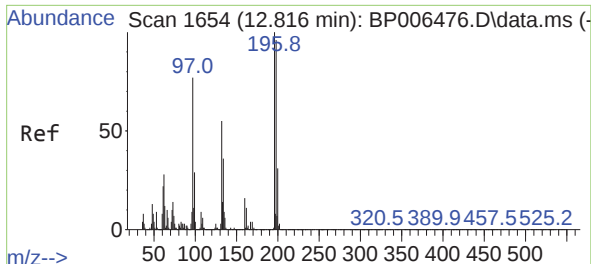
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 237   | Resp: | 730221 |
| Ion      | Ratio | Lower | Upper  |
| 237      | 100   |       |        |
| 235      | 63.4  | 44.5  | 84.5   |
| 272      | 12.0  | 0.0   | 32.5   |



#42  
2,4,6-Tribromophenol  
Concen: 113.009 ng  
RT: 15.881 min Scan# 2175  
Delta R.T. 0.000 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 330   | Resp: | 535686 |
| Ion      | Ratio | Lower | Upper  |
| 330      | 100   |       |        |
| 332      | 96.0  | 77.8  | 116.8  |
| 141      | 46.9  | 25.4  | 38.2   |

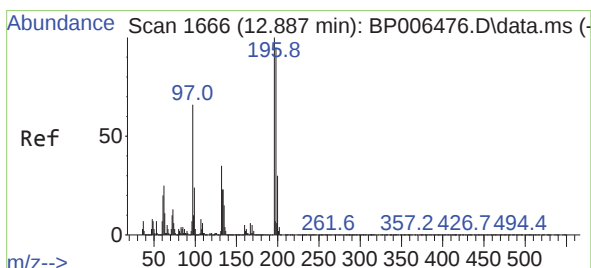
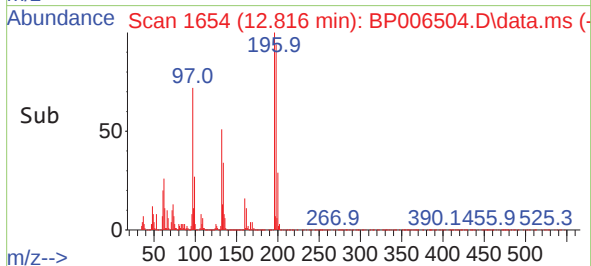
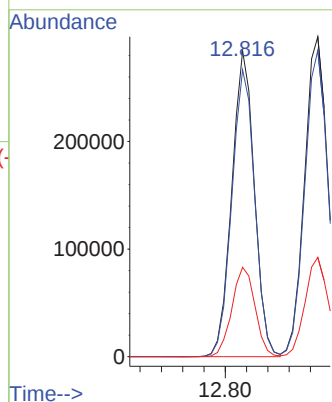
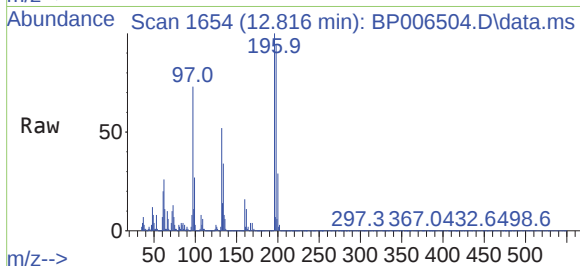




#43  
2,4,6-Trichlorophenol  
Concen: 51.703 ng  
RT: 12.816 min Scan# 1654  
Delta R.T. 0.000 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

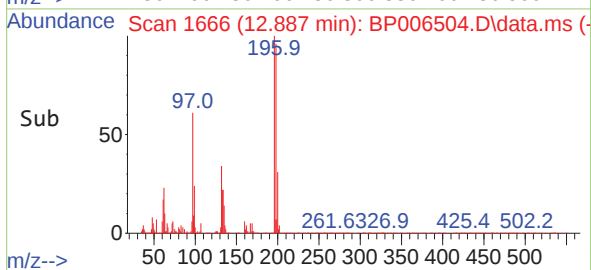
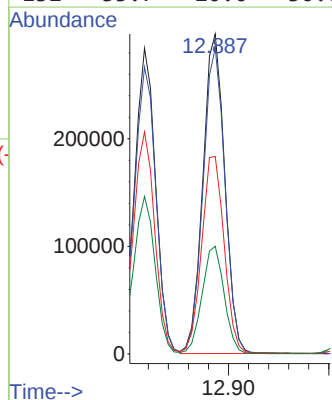
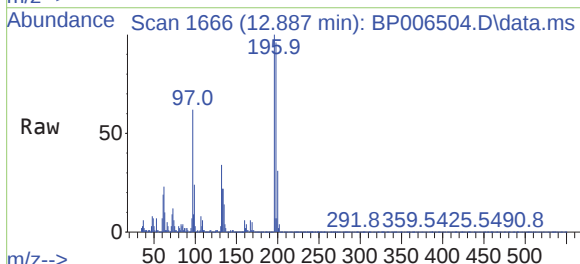
Instrument :  
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ClientSampleId :  
20210575-COM-48MSD

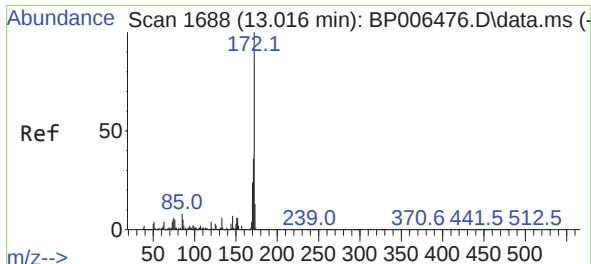
Tgt Ion:196 Resp: 419086  
Ion Ratio Lower Upper  
196 100  
198 93.8 79.5 119.3  
200 29.3 25.0 37.6



#44  
2,4,5-Trichlorophenol  
Concen: 50.364 ng  
RT: 12.887 min Scan# 1666  
Delta R.T. 0.000 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

Tgt Ion:196 Resp: 451879  
Ion Ratio Lower Upper  
196 100  
198 95.7 74.7 112.1  
97 61.7 37.4 56.0#  
132 33.7 20.0 30.0#

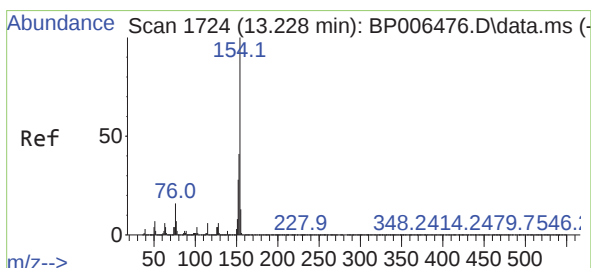
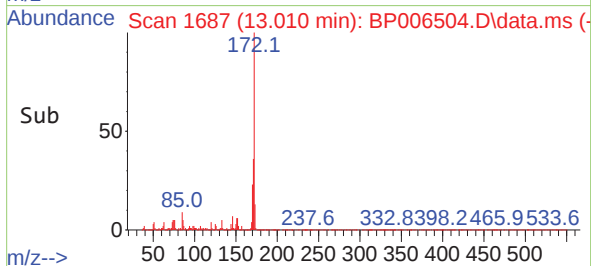
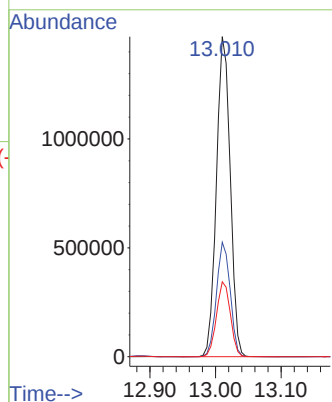
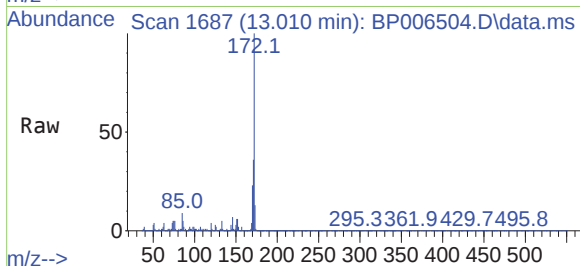




#45  
2-Fluorobiphenyl  
Concen: 70.639 ng  
RT: 13.010 min Scan# 1687  
Delta R.T. -0.006 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

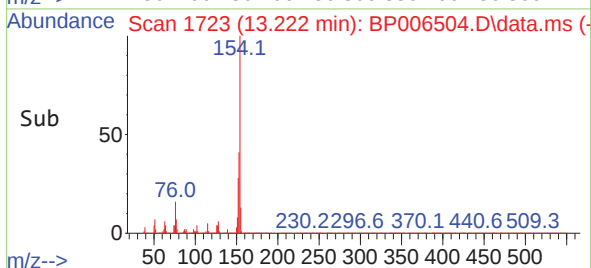
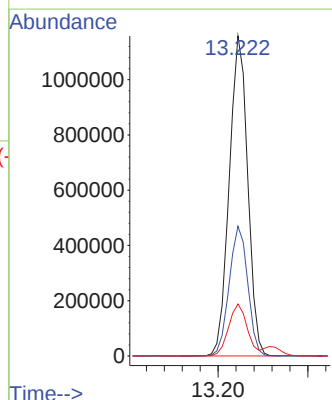
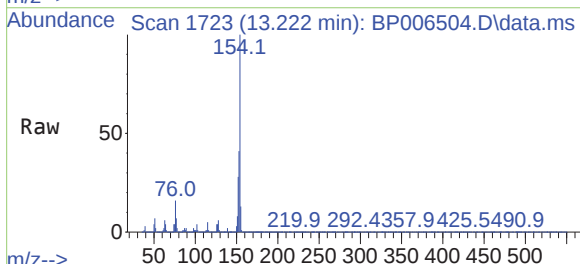
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BNA\_P  
ClientSampleId :  
20210575-COM-48MSD

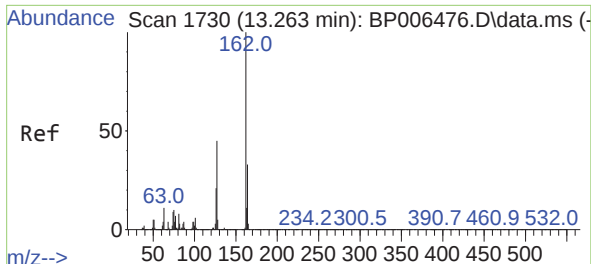
Tgt Ion:172 Resp: 2141463  
Ion Ratio Lower Upper  
172 100  
171 35.8 27.9 41.9  
170 23.4 18.6 27.8



#46  
1,1'-Biphenyl  
Concen: 48.074 ng  
RT: 13.222 min Scan# 1723  
Delta R.T. -0.006 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

Tgt Ion:154 Resp: 1650401  
Ion Ratio Lower Upper  
154 100  
153 40.6 20.4 60.4  
76 16.2 0.0 30.8

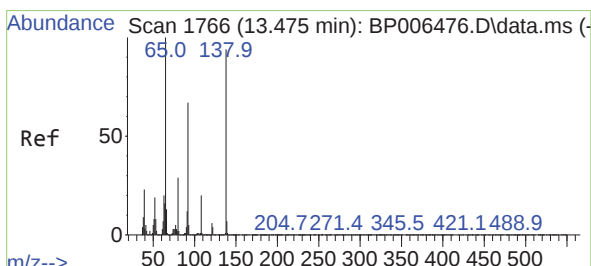
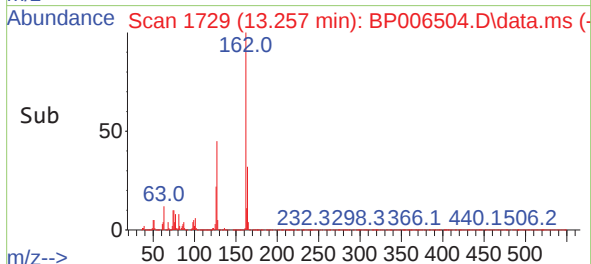
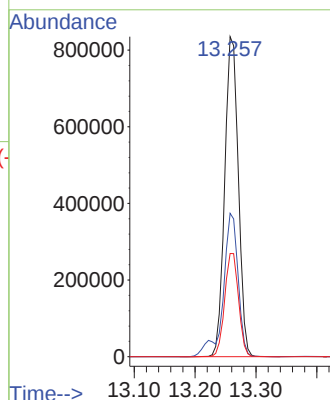
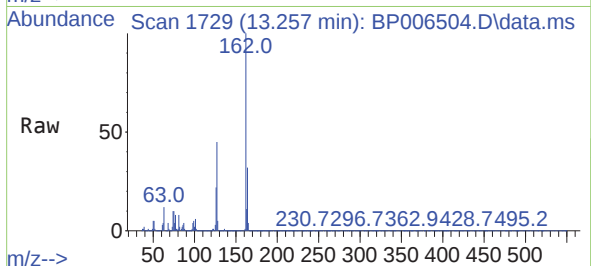




#47  
2-Chloronaphthalene  
Concen: 49.108 ng  
RT: 13.257 min Scan# 1729  
Delta R.T. -0.006 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

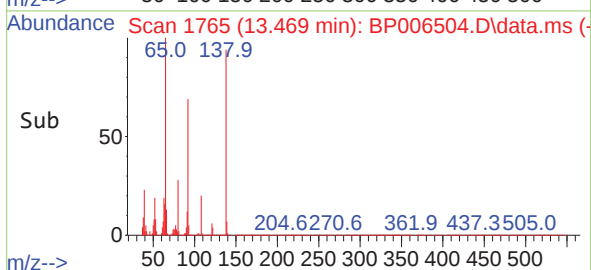
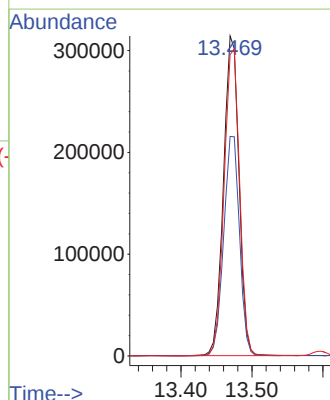
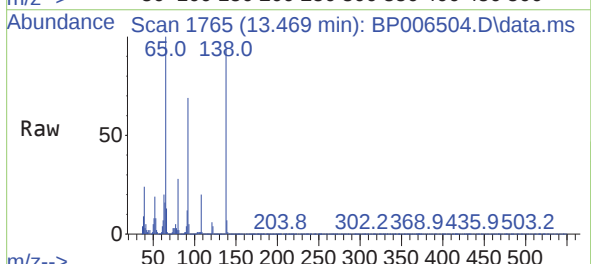
Instrument :  
BNA\_P  
ClientSampleId :  
20210575-COM-48MSD

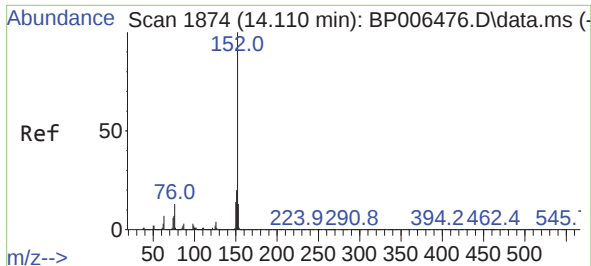
Tgt Ion:162 Resp: 1298281  
Ion Ratio Lower Upper  
162 100  
127 44.8 31.4 47.0  
164 32.2 26.6 39.8



#48  
2-Nitroaniline  
Concen: 50.985 ng  
RT: 13.469 min Scan# 1765  
Delta R.T. -0.006 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

Tgt Ion: 65 Resp: 475683  
Ion Ratio Lower Upper  
65 100  
92 68.6 57.7 86.5  
138 94.2 92.1 138.1

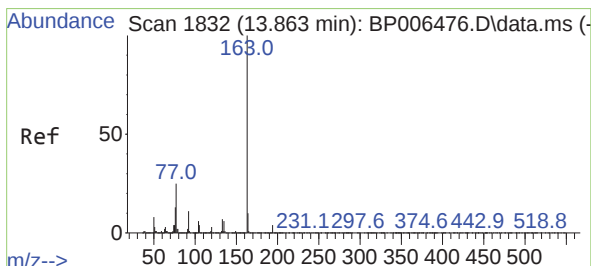
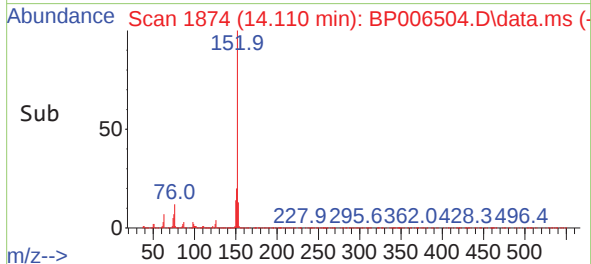
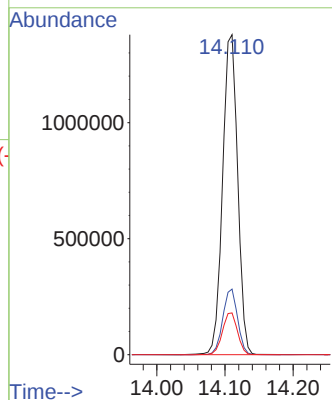
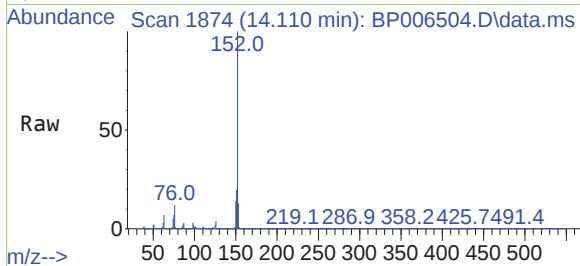




#49  
Acenaphthylene  
Concen: 49.681 ng  
RT: 14.110 min Scan# 1874  
Delta R.T. 0.000 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

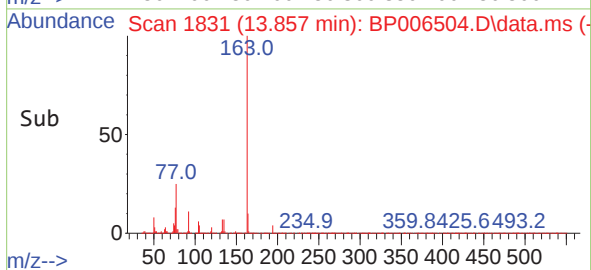
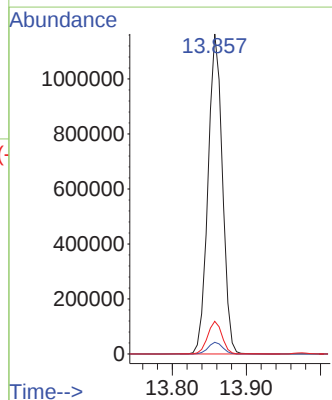
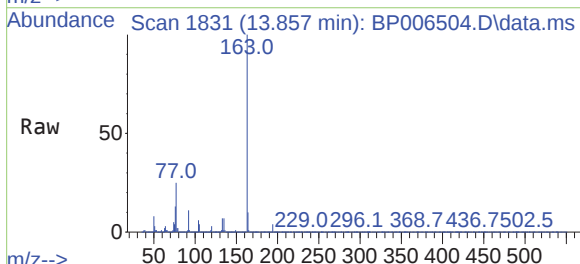
Instrument :  
BNA\_P  
ClientSampleId :  
20210575-COM-48MSD

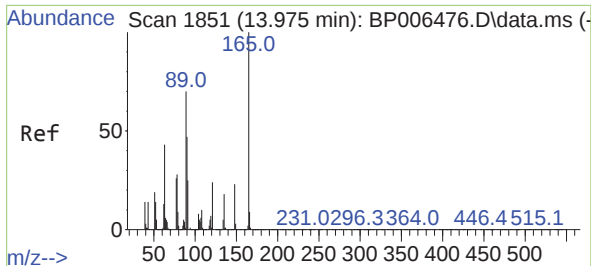
Tgt Ion:152 Resp: 2117844  
Ion Ratio Lower Upper  
152 100  
151 20.5 16.2 24.2  
153 13.0 10.6 16.0



#50  
Dimethylphthalate  
Concen: 47.559 ng  
RT: 13.857 min Scan# 1831  
Delta R.T. -0.006 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

Tgt Ion:163 Resp: 1570174  
Ion Ratio Lower Upper  
163 100  
194 3.7 3.4 5.2  
164 10.2 8.2 12.2

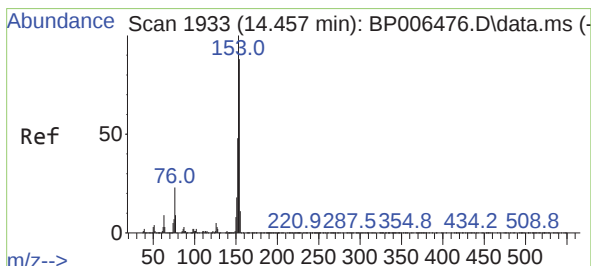
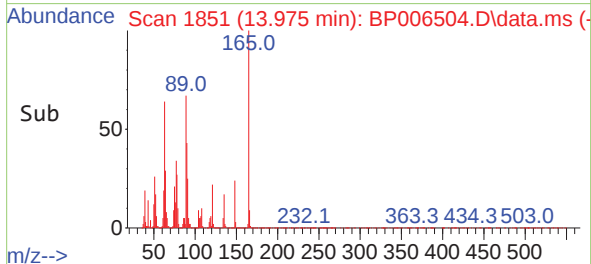
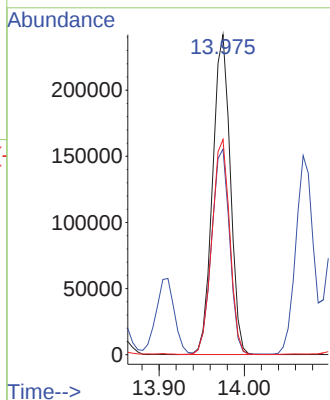
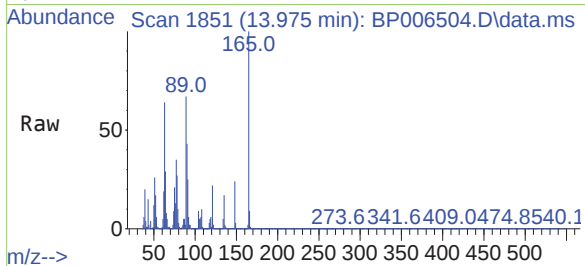




#51  
2,6-Dinitrotoluene  
Concen: 47.206 ng  
RT: 13.975 min Scan# 1851  
Delta R.T. 0.000 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

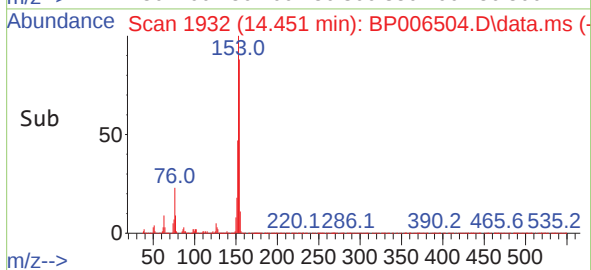
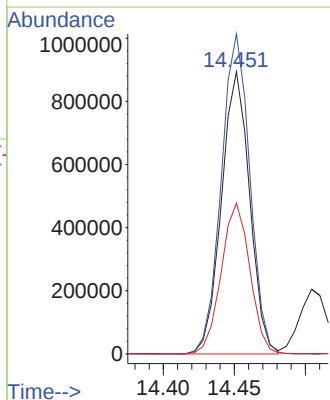
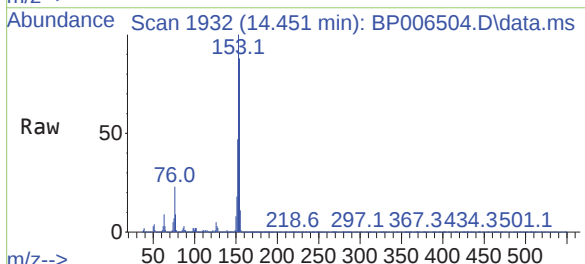
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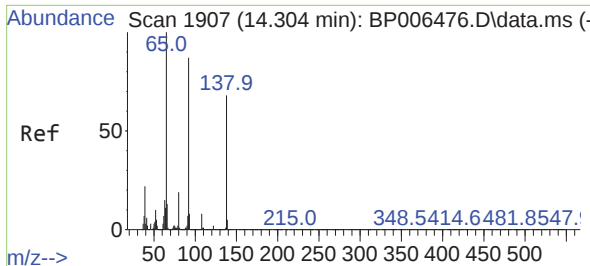
Tgt Ion:165 Resp: 347777  
Ion Ratio Lower Upper  
165 100  
63 64.3 41.3 61.9#  
89 67.3 44.8 67.2#



#52  
Acenaphthene  
Concen: 47.606 ng  
RT: 14.451 min Scan# 1932  
Delta R.T. -0.006 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

Tgt Ion:154 Resp: 1235072  
Ion Ratio Lower Upper  
154 100  
153 113.3 89.4 134.2  
152 53.4 43.0 64.4

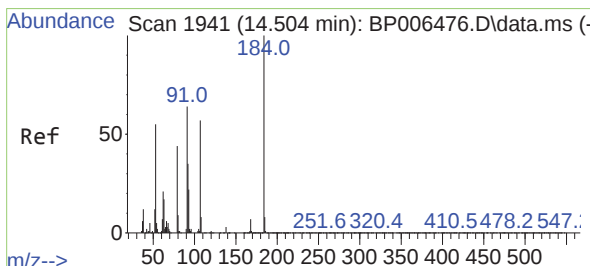
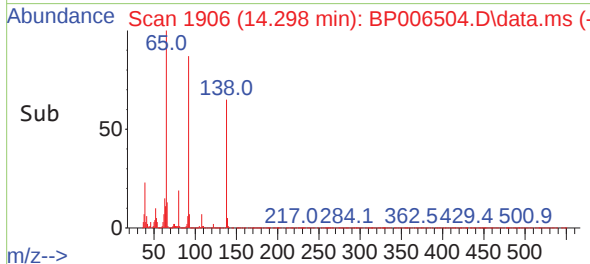
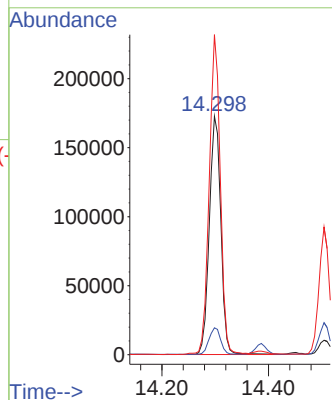
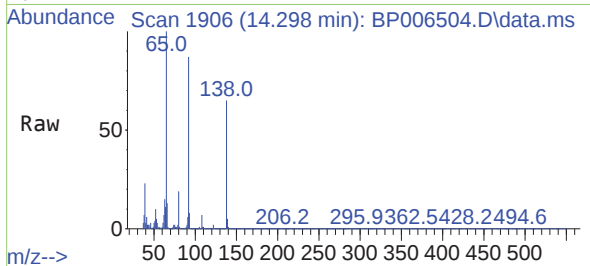




#53  
3-Nitroaniline  
Concen: 31.621 ng  
RT: 14.298 min Scan# 1906  
Delta R.T. -0.006 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

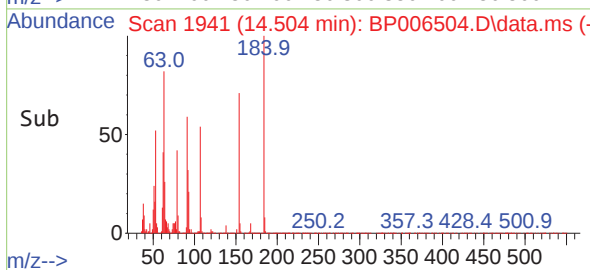
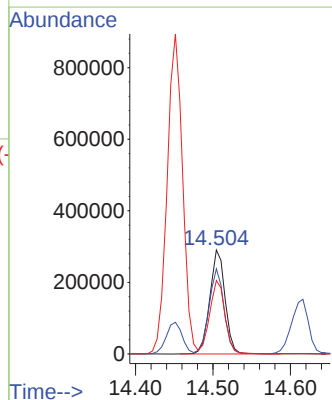
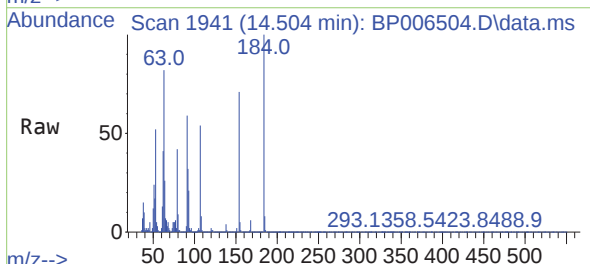
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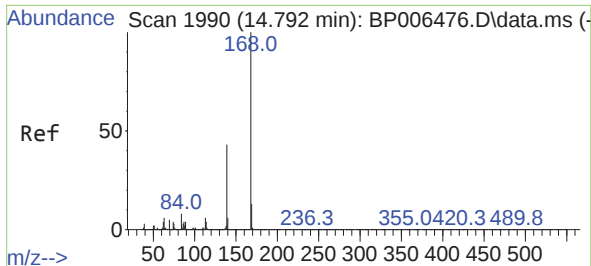
Tgt Ion:138 Resp: 258257  
Ion Ratio Lower Upper  
138 100  
108 11.3 8.4 12.6  
92 134.2 87.8 131.8#



#54  
2,4-Dinitrophenol  
Concen: 102.591 ng  
RT: 14.504 min Scan# 1941  
Delta R.T. 0.000 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

Tgt Ion:184 Resp: 395240  
Ion Ratio Lower Upper  
184 100  
63 81.9 47.0 70.6#  
154 70.7 52.3 78.5

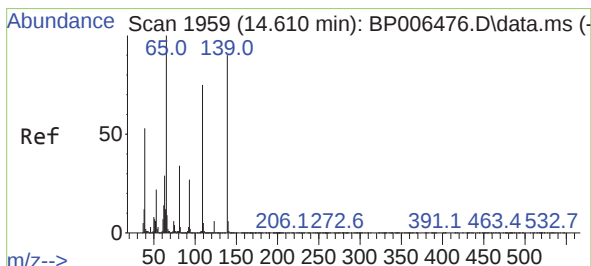
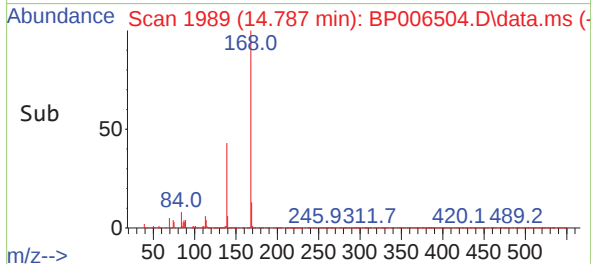
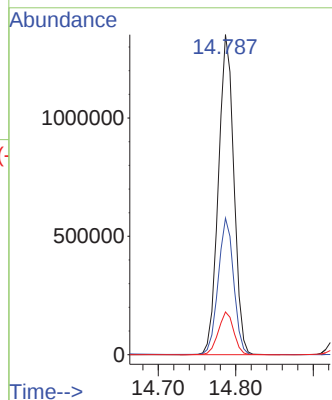
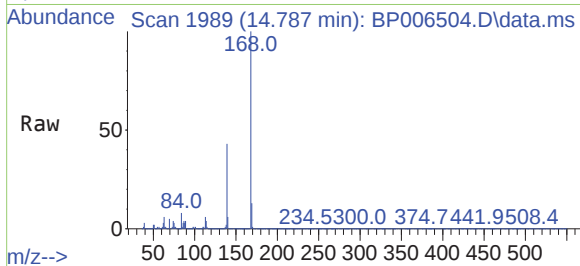




#55  
Dibenzenofuran  
Concen: 46.070 ng  
RT: 14.787 min Scan# 1989  
Delta R.T. -0.006 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

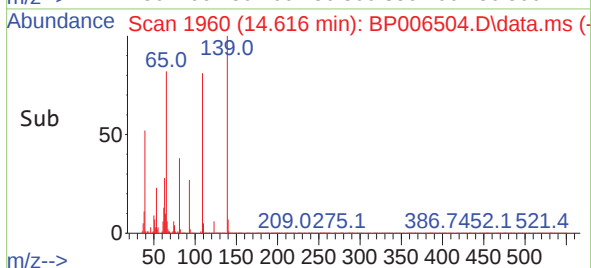
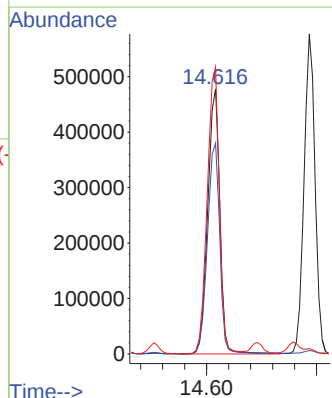
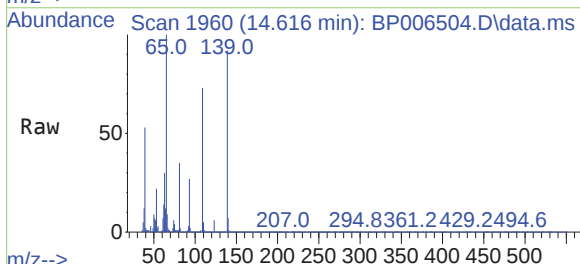
Instrument :  
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ClientSampleId :  
20210575-COM-48MSD

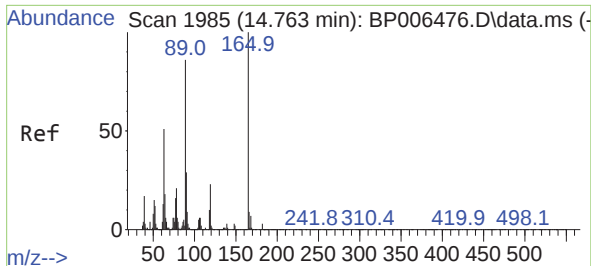
Tgt Ion:168 Resp: 1880041  
Ion Ratio Lower Upper  
168 100  
139 42.7 31.0 46.6  
169 13.3 10.8 16.2



#56  
4-Nitrophenol  
Concen: 102.878 ng  
RT: 14.616 min Scan# 1960  
Delta R.T. 0.006 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

Tgt Ion:139 Resp: 729579  
Ion Ratio Lower Upper  
139 100  
109 79.5 72.3 112.3  
65 108.3 72.5 112.5

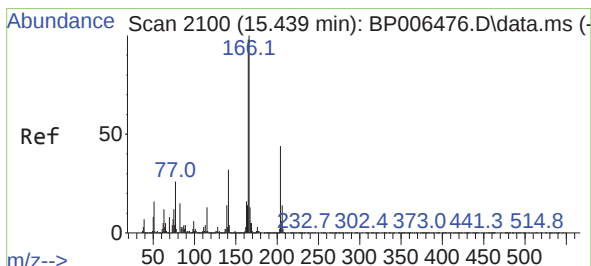
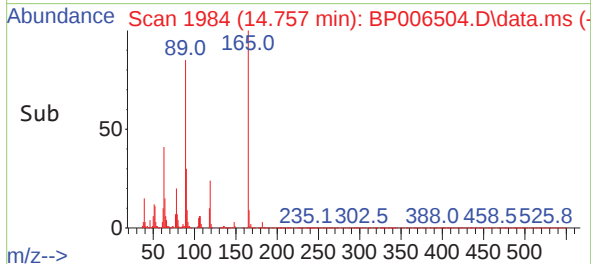
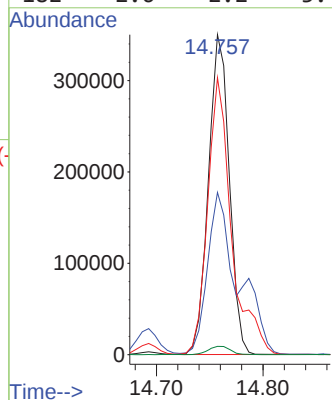
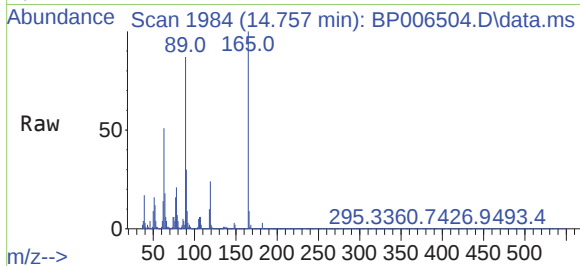




#57  
2,4-Dinitrotoluene  
Concen: 48.194 ng  
RT: 14.757 min Scan# 1984  
Delta R.T. -0.006 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

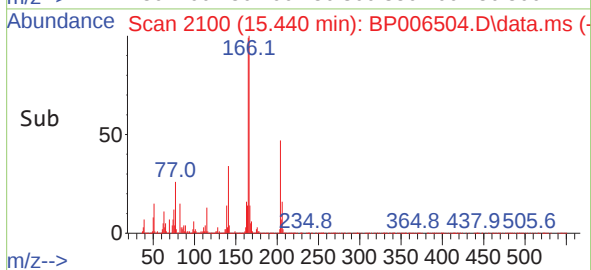
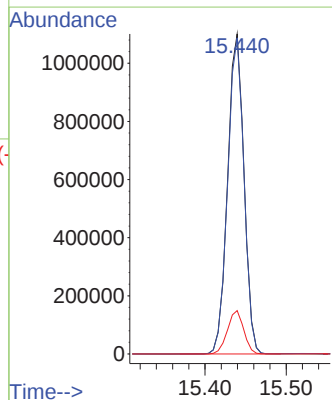
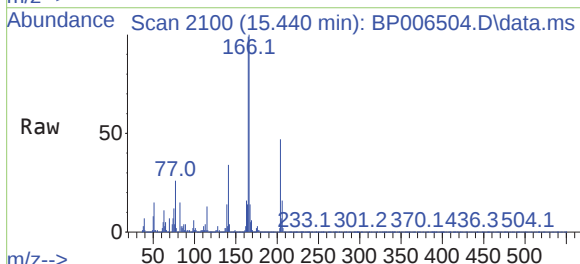
Instrument :  
BNA\_P  
ClientSampleId :  
20210575-COM-48MSD

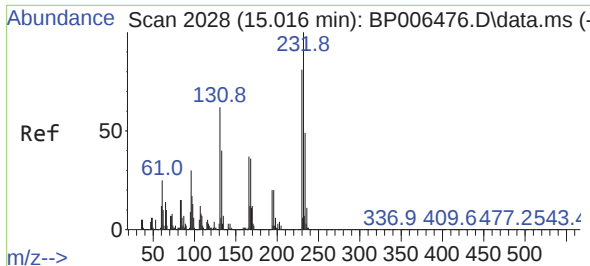
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 165   | Resp: | 476163 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 50.7  | 32.3  | 48.5#  |
| 89        | 86.5  | 55.9  | 83.9#  |
| 182       | 2.6   | 2.2   | 3.4    |



#58  
Fluorene  
Concen: 47.238 ng  
RT: 15.440 min Scan# 2100  
Delta R.T. 0.000 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 166   | Resp: | 1540801 |
| Ion Ratio | Lower | Upper |         |
| 166       | 100   |       |         |
| 165       | 98.8  | 78.0  | 117.0   |
| 167       | 13.5  | 10.5  | 15.7    |

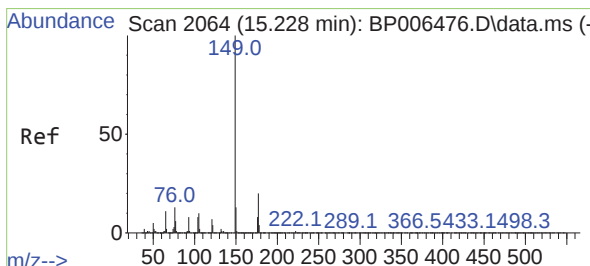
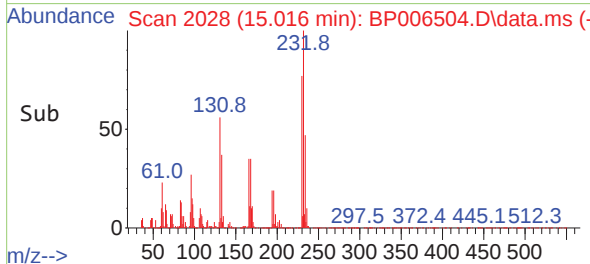
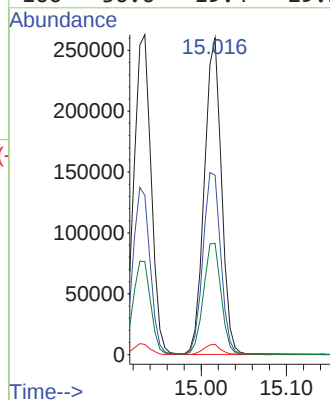
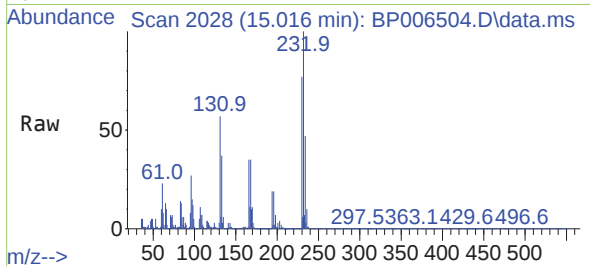




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 48.166 ng  
RT: 15.016 min Scan# 2028  
Delta R.T. 0.000 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

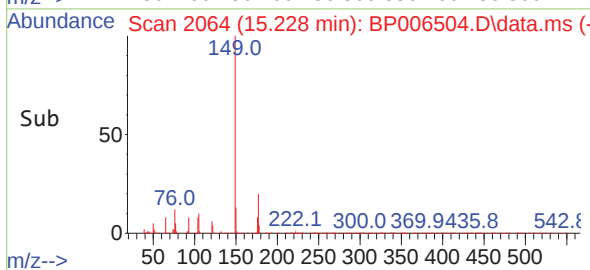
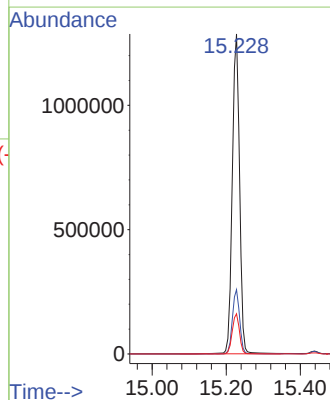
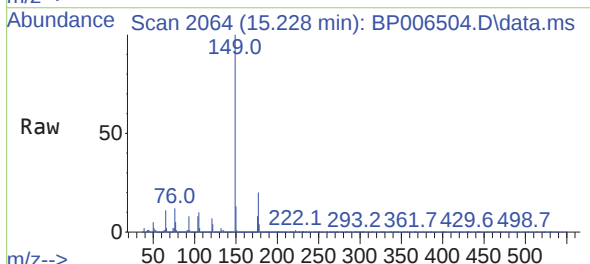
Instrument :  
BNA\_P  
ClientSampleId :  
20210575-COM-48MSD

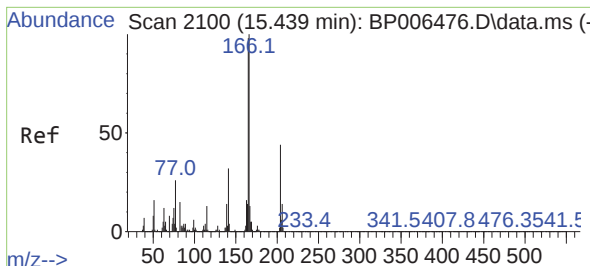
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 232   | Resp: | 362164 |
| Ion Ratio | Lower | Upper |        |
| 232       | 100   |       |        |
| 131       | 59.8  | 32.2  | 48.4#  |
| 130       | 3.3   | 2.0   | 3.0#   |
| 166       | 36.6  | 19.4  | 29.2#  |



#60  
Diethylphthalate  
Concen: 50.611 ng  
RT: 15.228 min Scan# 2064  
Delta R.T. 0.000 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 149   | Resp: | 1755036 |
| Ion Ratio | Lower | Upper |         |
| 149       | 100   |       |         |
| 177       | 20.1  | 17.5  | 26.3    |
| 150       | 12.5  | 9.9   | 14.9    |

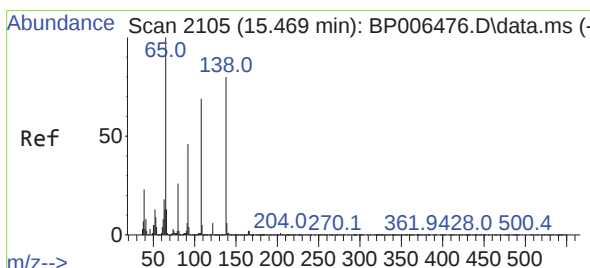
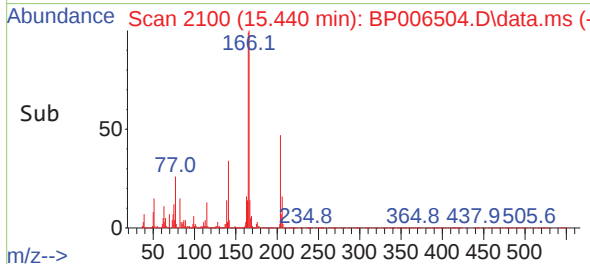
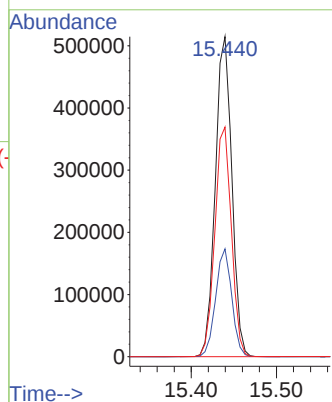
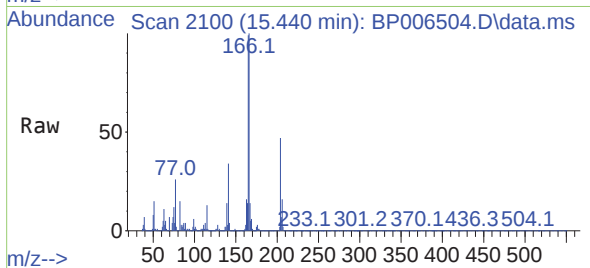




#61  
4-Chlorophenyl-phenylether  
Concen: 46.938 ng  
RT: 15.440 min Scan# 2100  
Delta R.T. 0.000 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

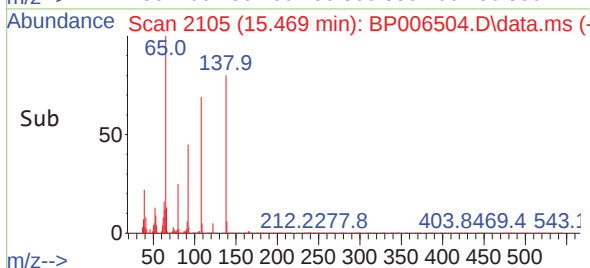
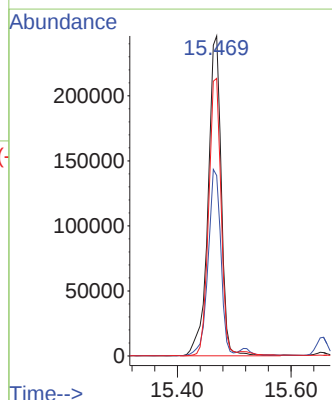
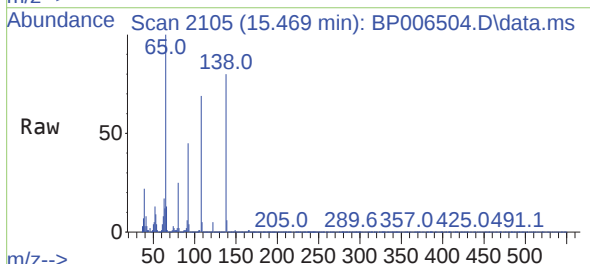
Instrument :  
BNA\_P  
ClientSampleId :  
20210575-COM-48MSD

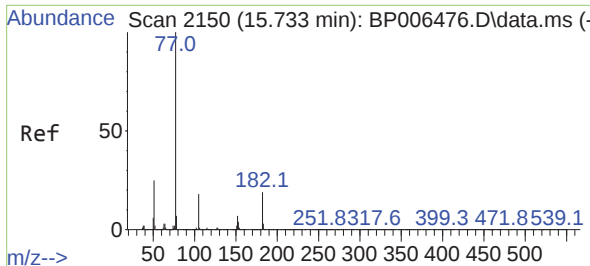
Tgt Ion:204 Resp: 693339  
Ion Ratio Lower Upper  
204 100  
206 33.7 26.6 40.0  
141 71.8 48.6 73.0



#62  
4-Nitroaniline  
Concen: 45.470 ng  
RT: 15.469 min Scan# 2105  
Delta R.T. 0.000 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

Tgt Ion:138 Resp: 394067  
Ion Ratio Lower Upper  
138 100  
92 56.4 31.2 71.2  
108 86.7 78.6 118.6



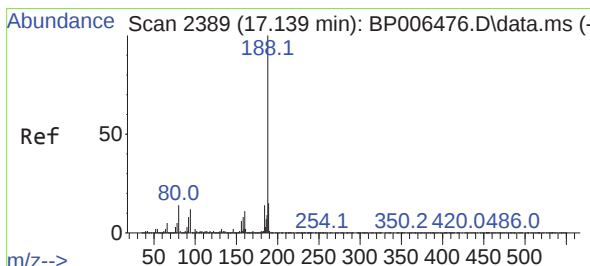
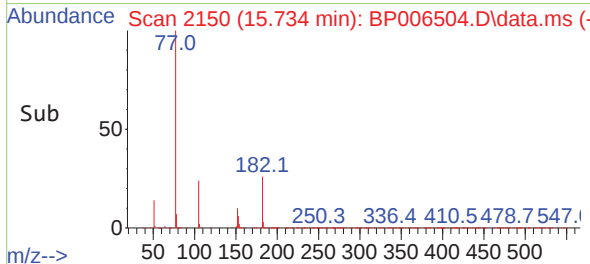
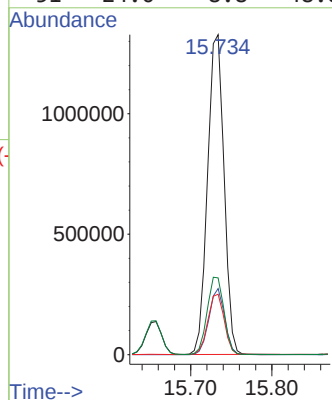
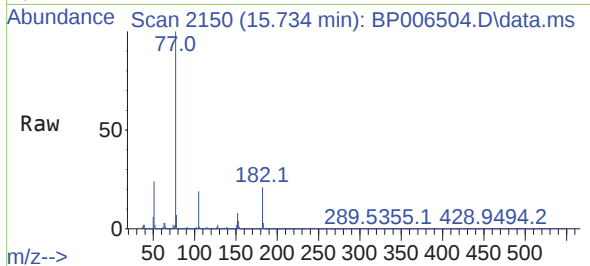


#63  
Azobenzene  
Concen: 46.185 ng  
RT: 15.734 min Scan# 2150  
Delta R.T. 0.000 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

Instrument :  
BNA\_P  
ClientSampleId :  
20210575-COM-48MSD

Tgt Ion: 77 Resp: 1867249

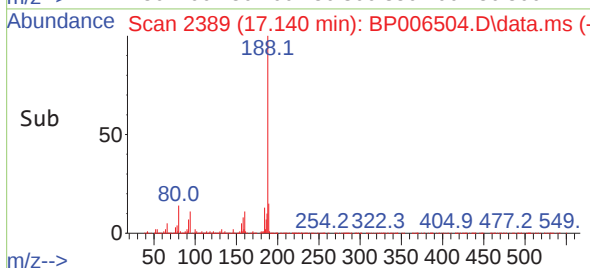
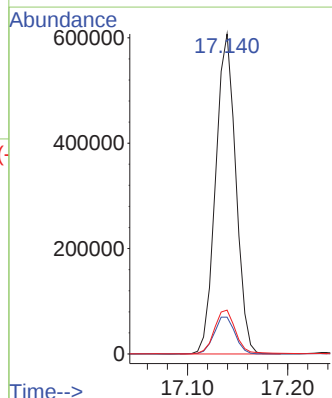
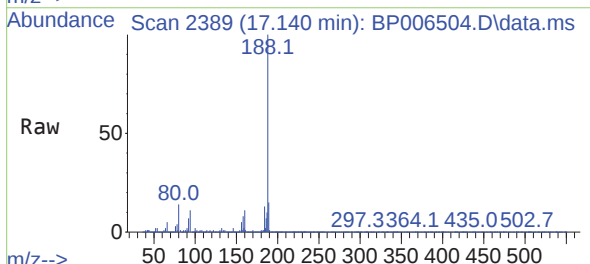
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 20.6  | 6.0   | 46.0  |
| 105 | 18.9  | 0.0   | 38.8  |
| 51  | 24.0  | 8.8   | 48.8  |

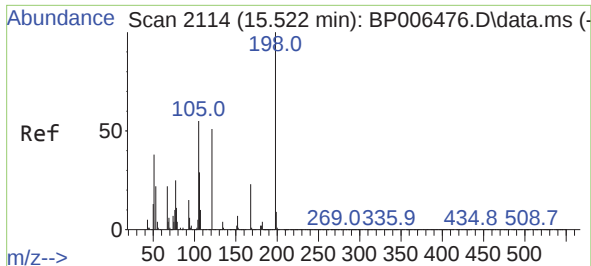


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.140 min Scan# 2389  
Delta R.T. 0.000 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

Tgt Ion: 188 Resp: 848286

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 11.5  | 5.6   | 8.4#  |
| 80  | 13.7  | 6.3   | 9.5#  |

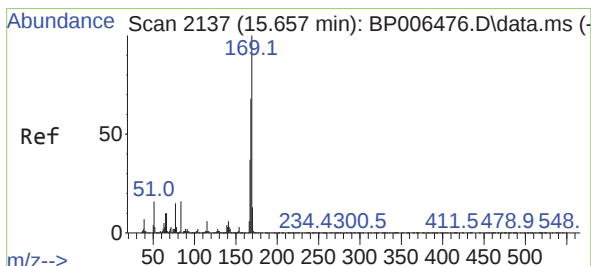
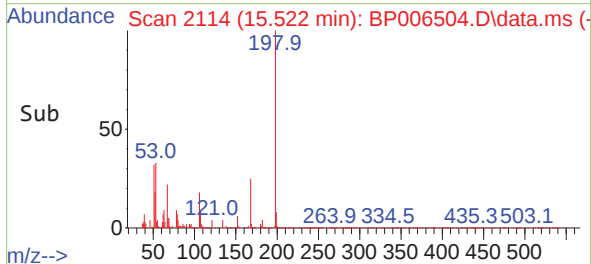
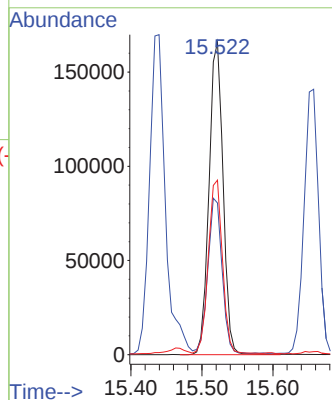
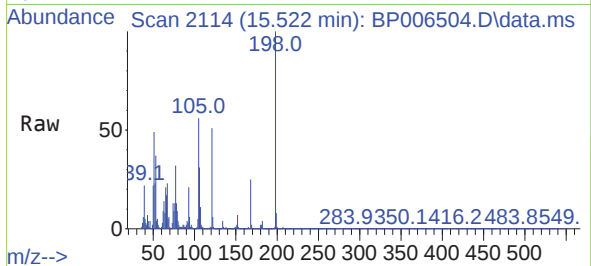




#65  
4,6-Dinitro-2-methylphenol  
Concen: 43.967 ng  
RT: 15.522 min Scan# 2114  
Delta R.T. 0.000 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

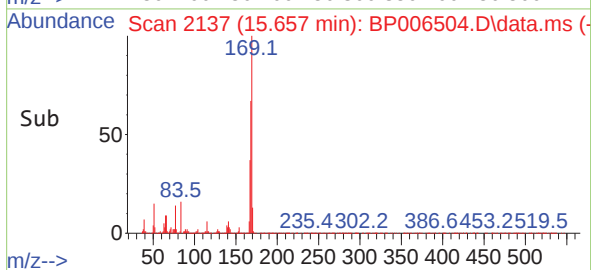
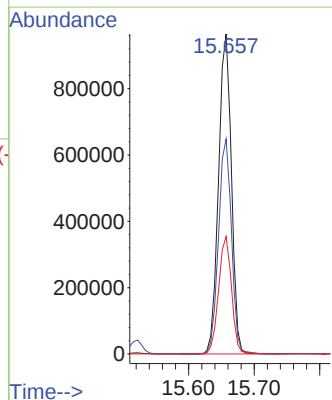
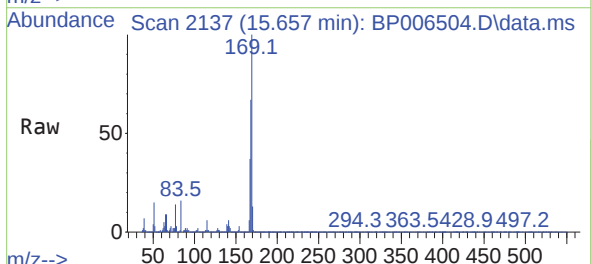
Instrument :  
BNA\_P  
ClientSampleId :  
20210575-COM-48MSD

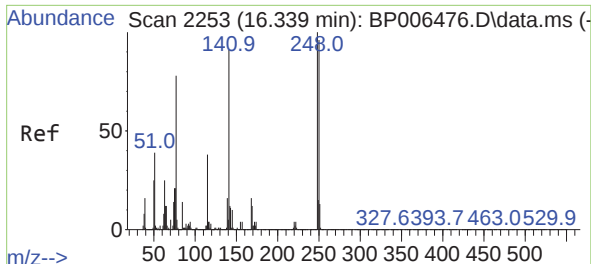
Tgt Ion:198 Resp: 227889  
Ion Ratio Lower Upper  
198 100  
51 48.5 14.0 54.0  
105 55.8 19.5 59.5



#66  
n-Nitrosodiphenylamine  
Concen: 48.963 ng  
RT: 15.657 min Scan# 2137  
Delta R.T. 0.000 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

Tgt Ion:169 Resp: 1305504  
Ion Ratio Lower Upper  
169 100  
168 67.2 54.4 81.6  
167 36.7 29.0 43.6

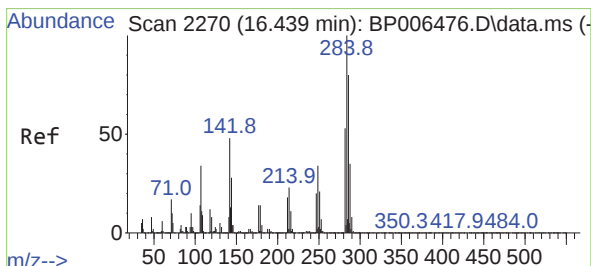
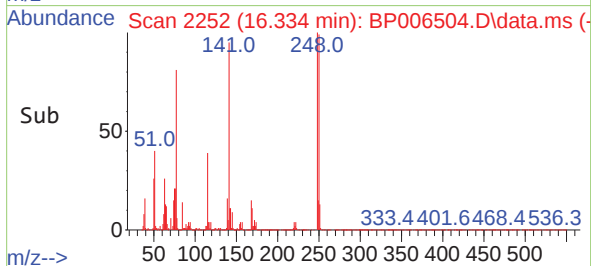
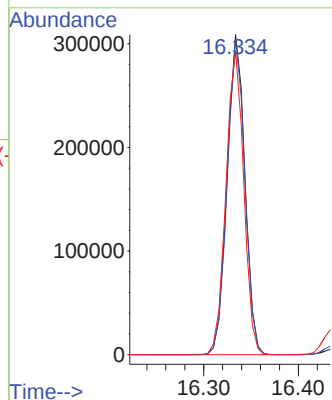
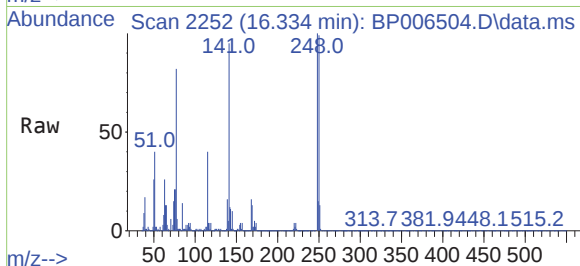




#67  
4-Bromophenyl-phenylether  
Concen: 49.586 ng  
RT: 16.334 min Scan# 2252  
Delta R.T. -0.006 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

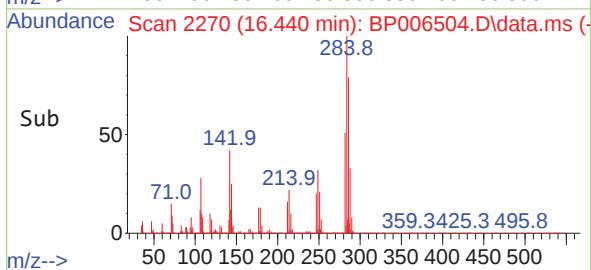
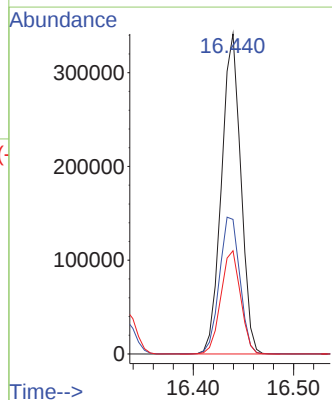
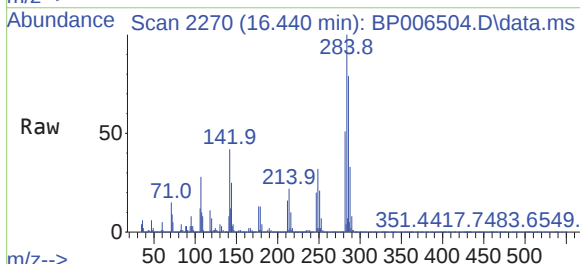
Instrument :  
BNA\_P  
ClientSampleId :  
20210575-COM-48MSD

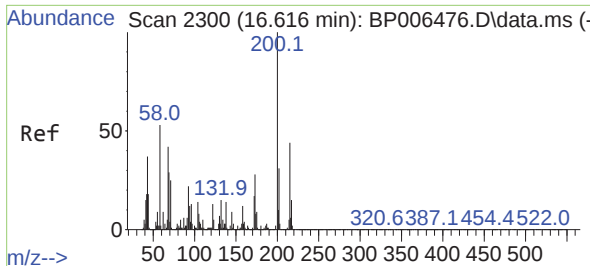
Tgt Ion:248 Resp: 403592  
Ion Ratio Lower Upper  
248 100  
250 98.6 79.8 119.8  
141 94.9 57.8 86.6#



#68  
Hexachlorobenzene  
Concen: 49.238 ng  
RT: 16.440 min Scan# 2270  
Delta R.T. 0.000 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

Tgt Ion:284 Resp: 456056  
Ion Ratio Lower Upper  
284 100  
142 42.1 26.9 40.3#  
249 32.2 24.5 36.7

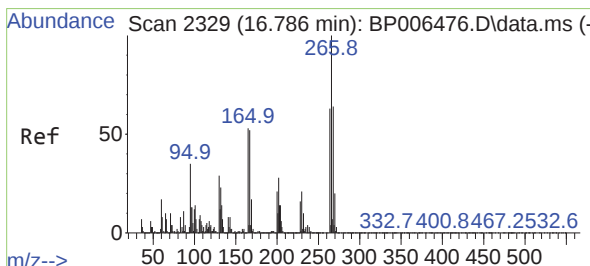
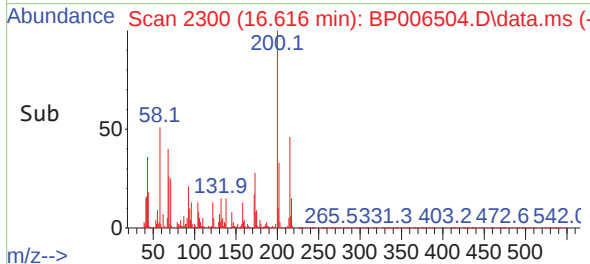
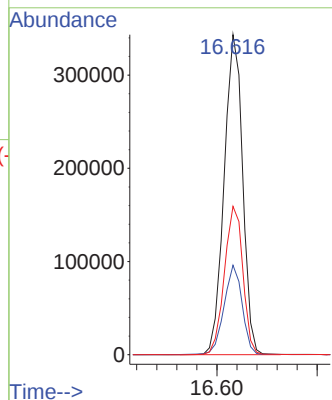
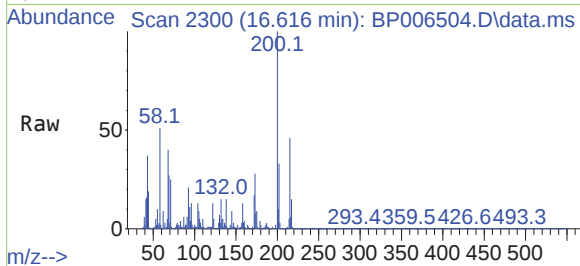




#69  
Atrazine  
Concen: 52.884 ng  
RT: 16.616 min Scan# 2300  
Delta R.T. 0.000 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

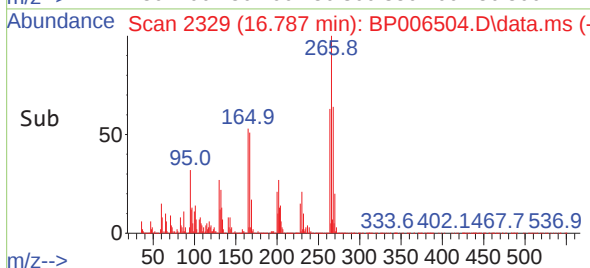
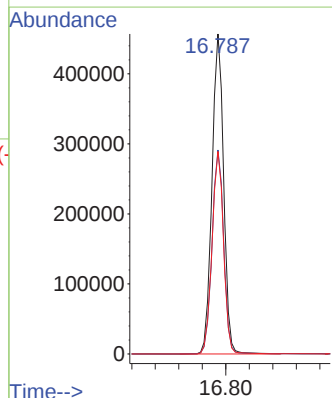
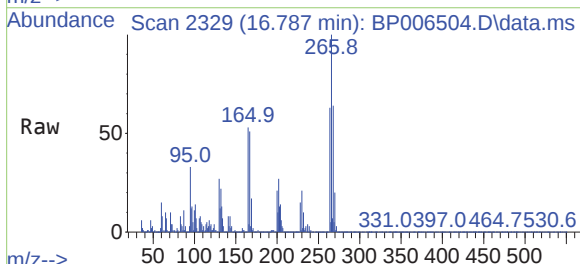
Instrument :  
BNA\_P  
ClientSampleId :  
20210575-COM-48MSD

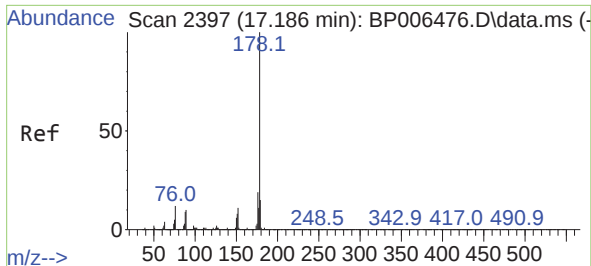
Tgt Ion:200 Resp: 439998  
Ion Ratio Lower Upper  
200 100  
173 27.9 4.1 44.1  
215 46.4 27.7 67.7



#70  
Pentachlorophenol  
Concen: 106.878 ng  
RT: 16.787 min Scan# 2329  
Delta R.T. 0.000 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

Tgt Ion:266 Resp: 628095  
Ion Ratio Lower Upper  
266 100  
268 63.7 51.6 77.4  
264 63.3 50.3 75.5

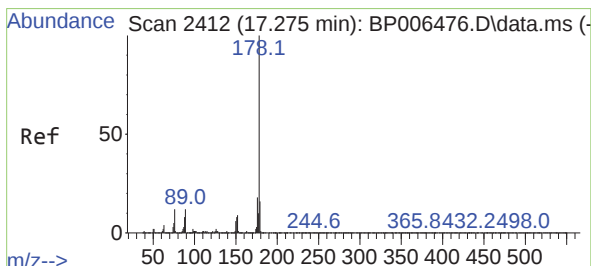
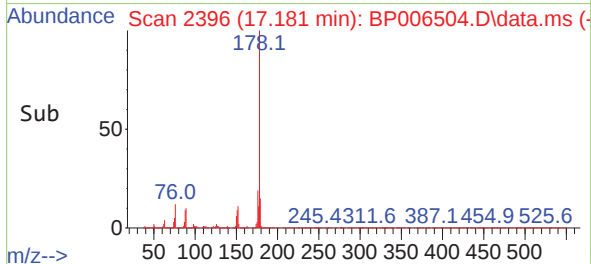
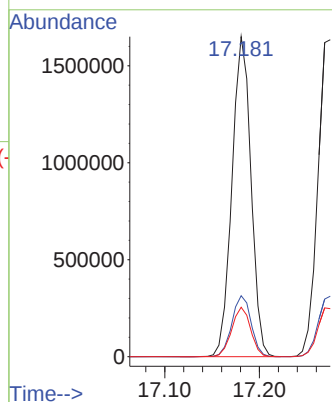
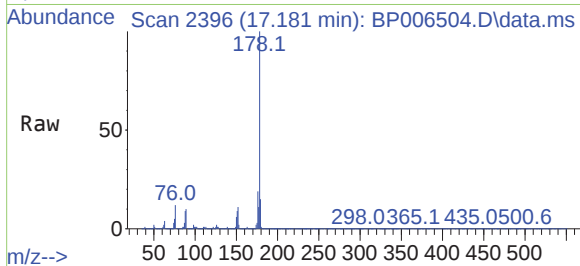




#71  
Phenanthrene  
Concen: 48.036 ng  
RT: 17.181 min Scan# 2396  
Delta R.T. -0.006 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

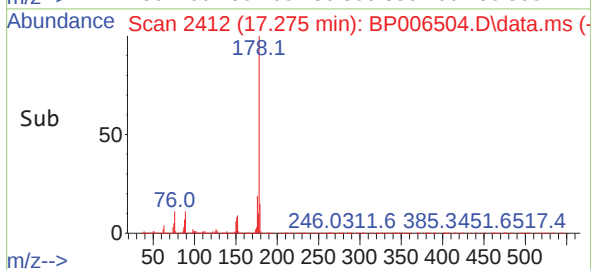
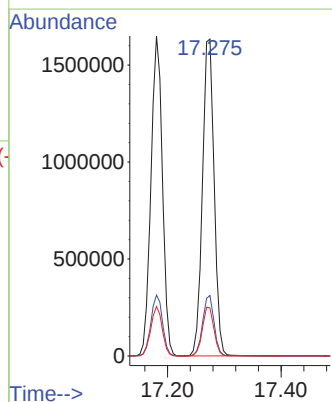
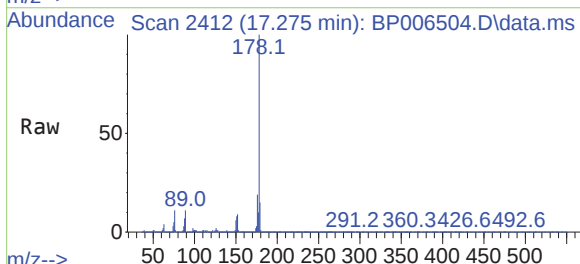
Instrument :  
BNA\_P  
ClientSampleId :  
20210575-COM-48MSD

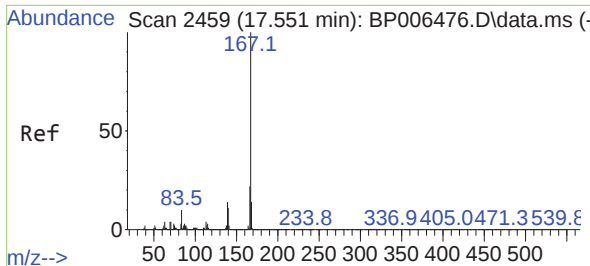
Tgt Ion:178 Resp: 2298454  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.1 22.7  
179 15.4 12.4 18.6



#72  
Anthracene  
Concen: 50.437 ng  
RT: 17.275 min Scan# 2412  
Delta R.T. 0.000 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

Tgt Ion:178 Resp: 2331957  
Ion Ratio Lower Upper  
178 100  
176 19.1 14.9 22.3  
179 15.2 12.2 18.2

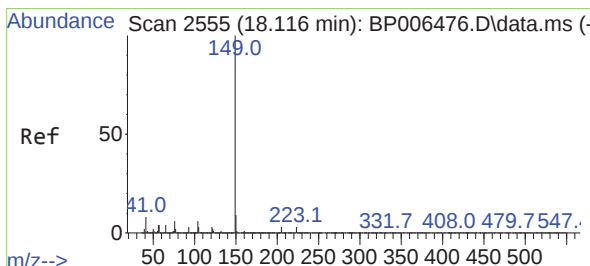
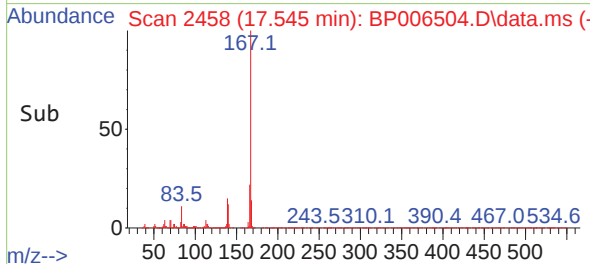
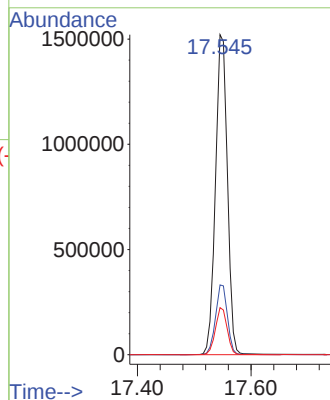
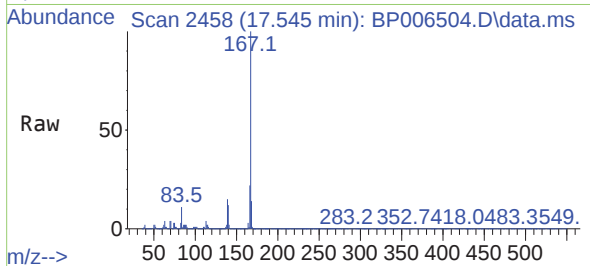




#73  
Carbazole  
Concen: 46.832 ng  
RT: 17.545 min Scan# 2458  
Delta R.T. -0.006 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

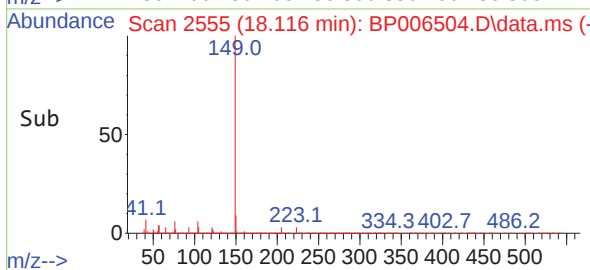
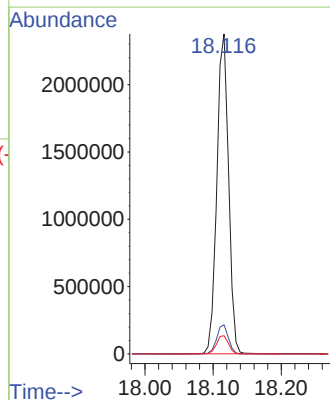
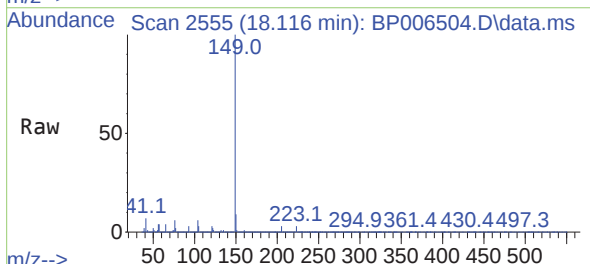
Instrument :  
BNA\_P  
ClientSampleId :  
20210575-COM-48MSD

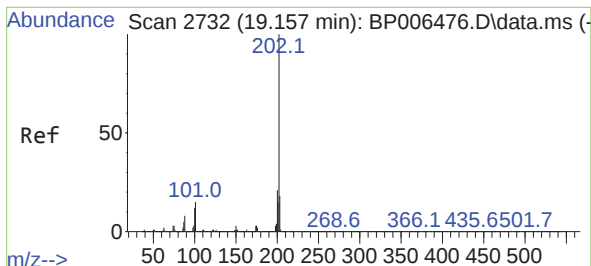
Tgt Ion:167 Resp: 2208589  
Ion Ratio Lower Upper  
167 100  
166 21.8 17.1 25.7  
139 14.7 10.7 16.1



#74  
Di-n-butylphthalate  
Concen: 52.738 ng  
RT: 18.116 min Scan# 2555  
Delta R.T. 0.000 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

Tgt Ion:149 Resp: 2833568  
Ion Ratio Lower Upper  
149 100  
150 9.1 7.3 10.9  
104 5.7 4.5 6.7

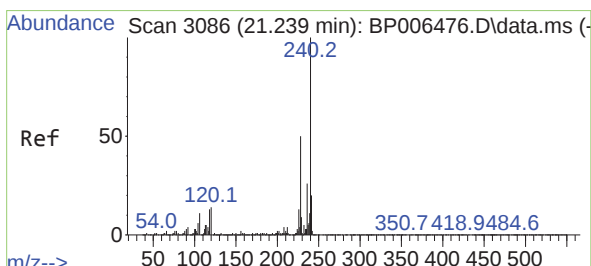
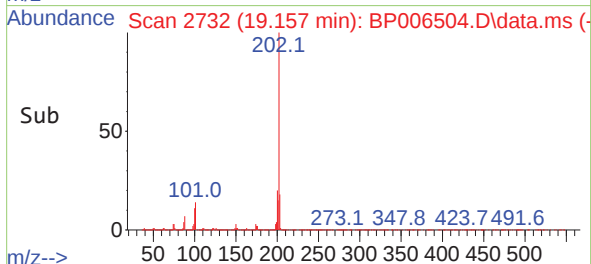
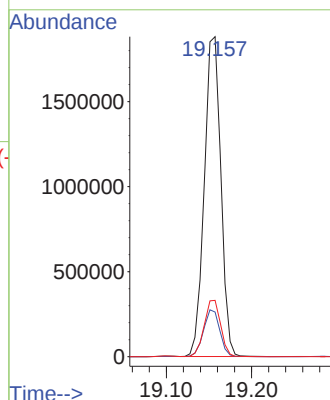
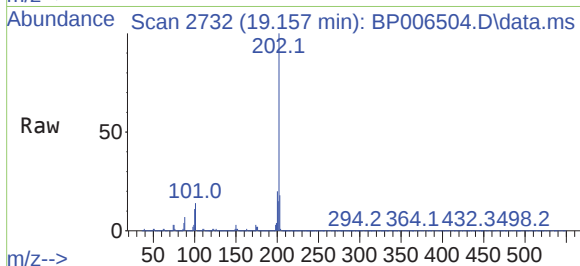




#75  
Fluoranthene  
Concen: 47.267 ng  
RT: 19.157 min Scan# 2732  
Delta R.T. 0.000 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

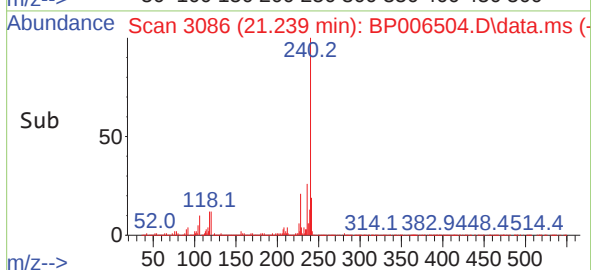
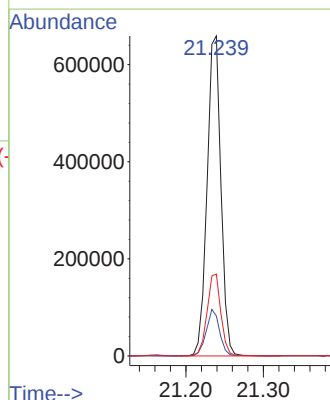
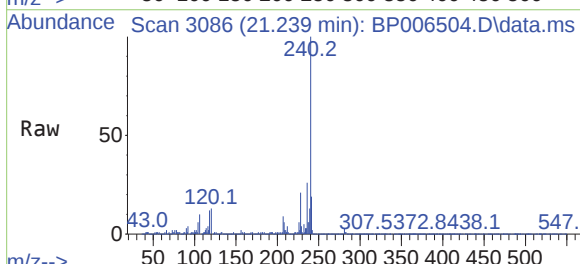
Instrument :  
BNA\_P  
ClientSampleId :  
20210575-COM-48MSD

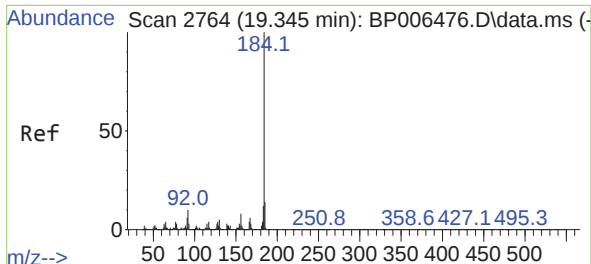
Tgt Ion:202 Resp: 2538489  
Ion Ratio Lower Upper  
202 100  
101 14.0 0.0 27.6  
203 17.6 0.0 37.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.239 min Scan# 3086  
Delta R.T. 0.000 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

Tgt Ion:240 Resp: 815489  
Ion Ratio Lower Upper  
240 100  
120 12.5 6.5 9.7#  
236 25.6 20.6 31.0

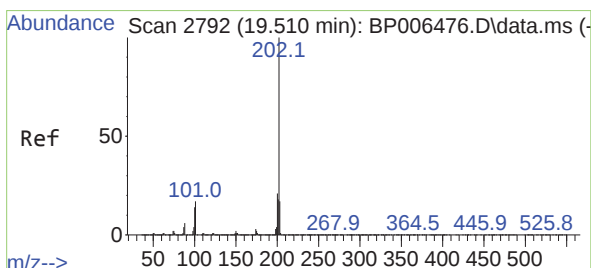
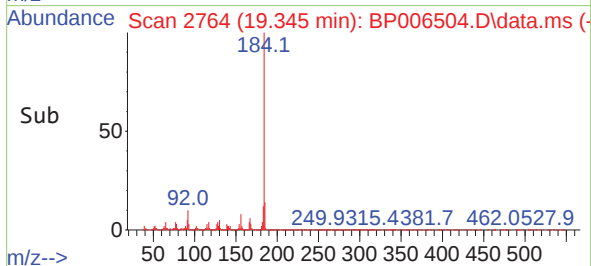
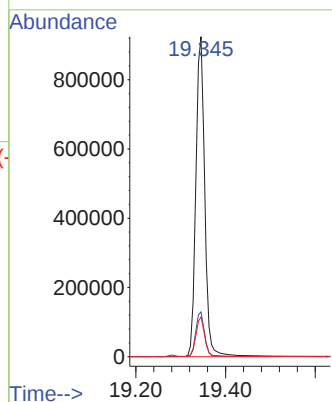
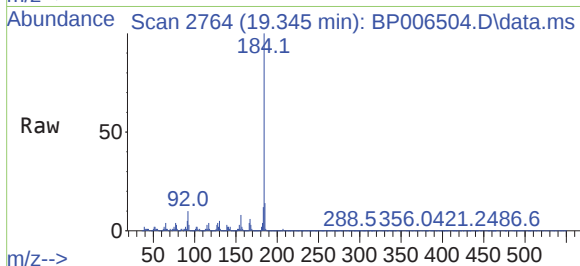




#77  
Benzidine  
Concen: 62.232 ng  
RT: 19.345 min Scan# 2764  
Delta R.T. 0.000 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

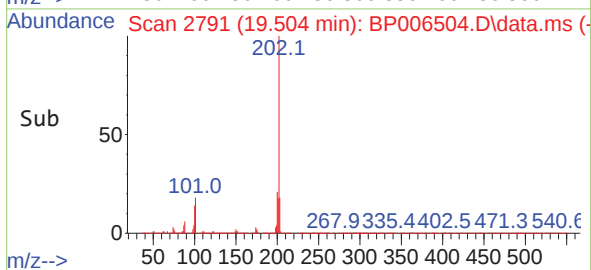
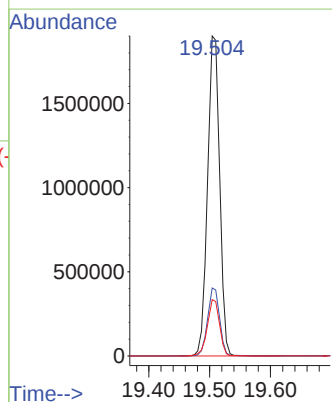
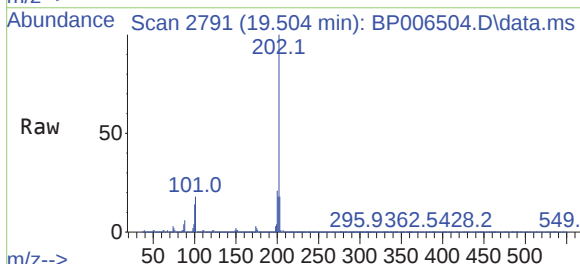
Instrument :  
BNA\_P  
ClientSampleId :  
20210575-COM-48MSD

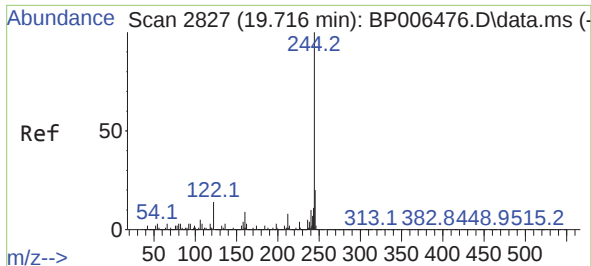
Tgt Ion:184 Resp: 1269926  
Ion Ratio Lower Upper  
184 100  
185 14.0 11.0 16.4  
183 12.4 9.5 14.3



#78  
Pyrene  
Concen: 48.168 ng  
RT: 19.504 min Scan# 2791  
Delta R.T. -0.006 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

Tgt Ion:202 Resp: 2623713  
Ion Ratio Lower Upper  
202 100  
200 21.2 16.3 24.5  
203 17.6 14.2 21.2

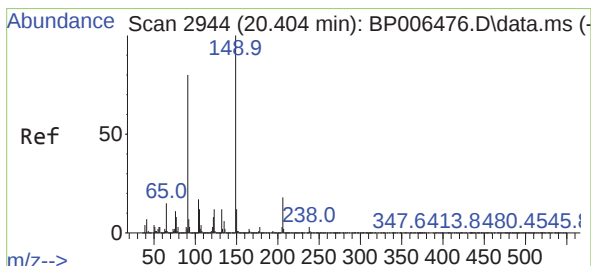
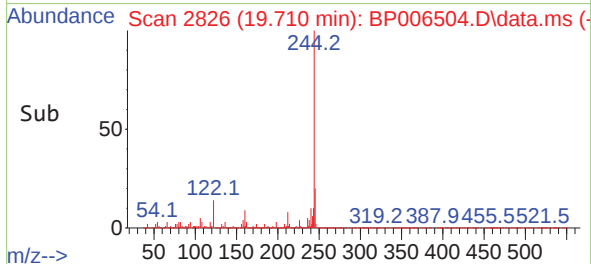
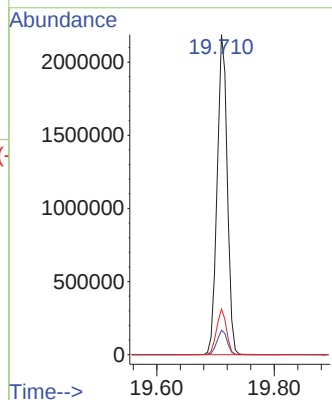
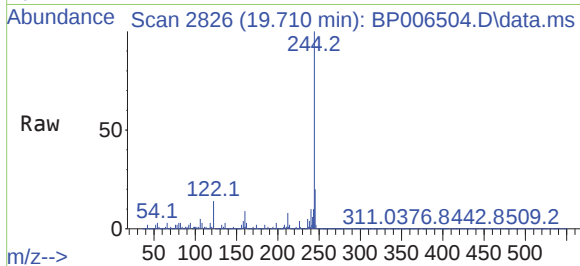




#79  
 Terphenyl-d14  
 Concen: 64.109 ng  
 RT: 19.710 min Scan# 2826  
 Delta R.T. -0.006 min  
 Lab File: BP006504.D  
 Acq: 05 Aug 2021 13:25

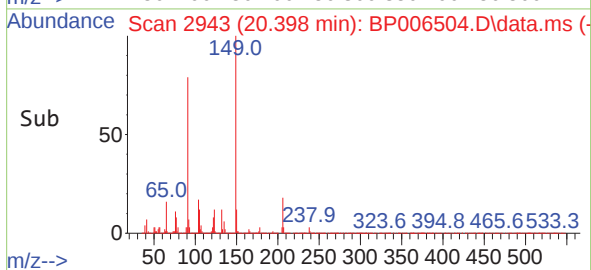
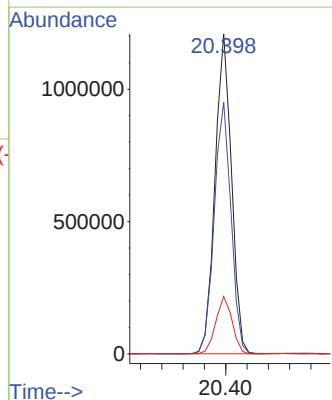
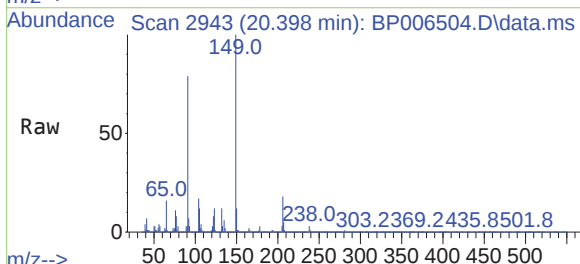
Instrument :  
 BNA\_P  
 ClientSampleId :  
 20210575-COM-48MSD

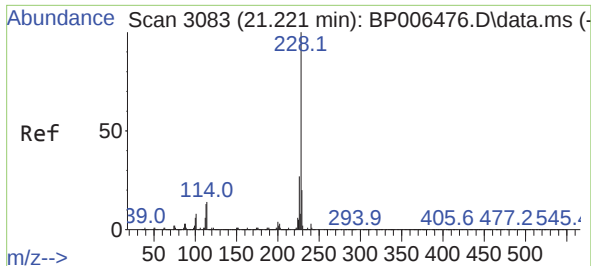
Tgt Ion:244 Resp: 2609065  
 Ion Ratio Lower Upper  
 244 100  
 212 7.7 6.0 9.0  
 122 14.2 7.1 10.7#



#80  
 Butylbenzylphthalate  
 Concen: 54.179 ng  
 RT: 20.398 min Scan# 2943  
 Delta R.T. -0.006 min  
 Lab File: BP006504.D  
 Acq: 05 Aug 2021 13:25

Tgt Ion:149 Resp: 1297713  
 Ion Ratio Lower Upper  
 149 100  
 91 78.7 54.6 81.8  
 206 17.9 16.7 25.1

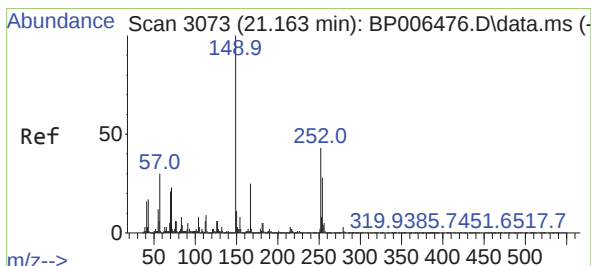
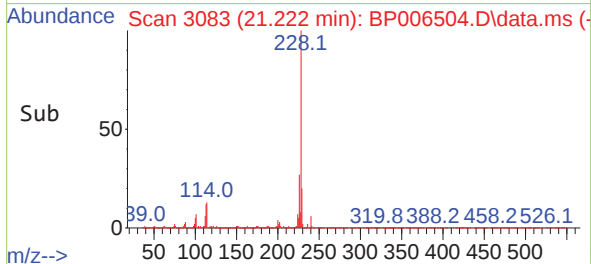
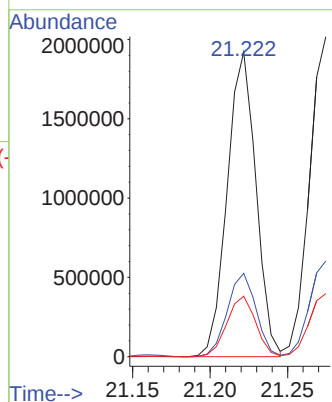
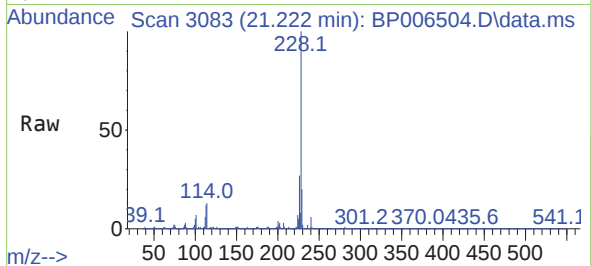




#81  
Benzo(a)anthracene  
Concen: 46.485 ng  
RT: 21.222 min Scan# 3083  
Delta R.T. 0.000 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

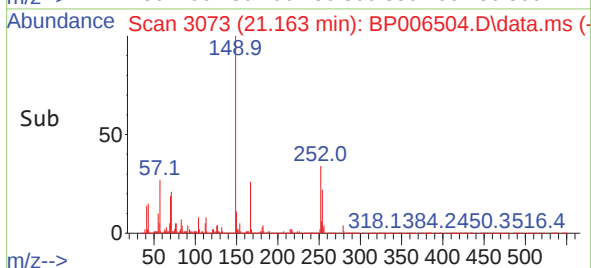
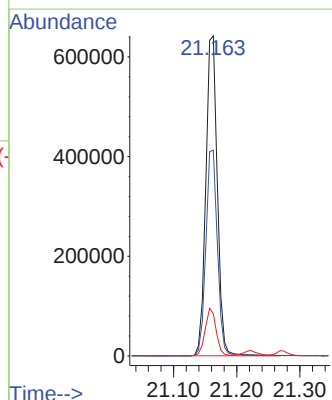
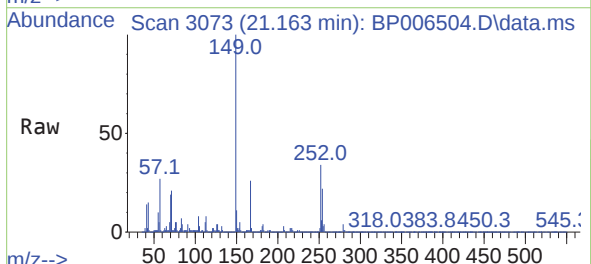
Instrument :  
BNA\_P  
ClientSampleId :  
20210575-COM-48MSD

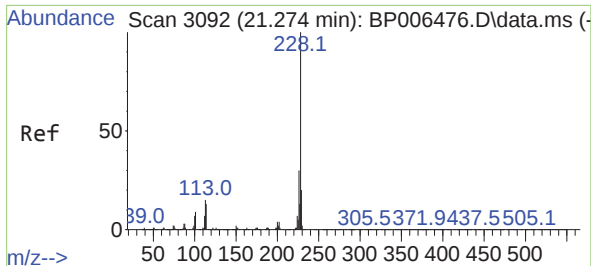
Tgt Ion:228 Resp: 2477414  
Ion Ratio Lower Upper  
228 100  
226 27.4 21.6 32.4  
229 19.9 15.8 23.6



#82  
3,3'-Dichlorobenzidine  
Concen: 58.457 ng  
RT: 21.163 min Scan# 3073  
Delta R.T. 0.000 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

Tgt Ion:252 Resp: 817894  
Ion Ratio Lower Upper  
252 100  
254 64.3 50.6 76.0  
126 13.2 7.0 10.6#

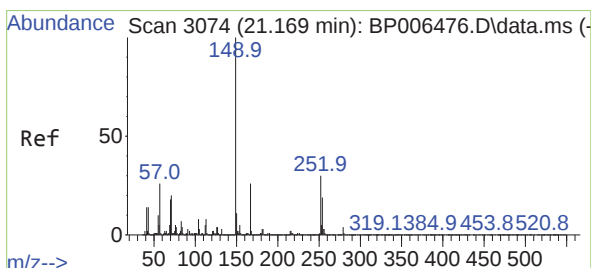
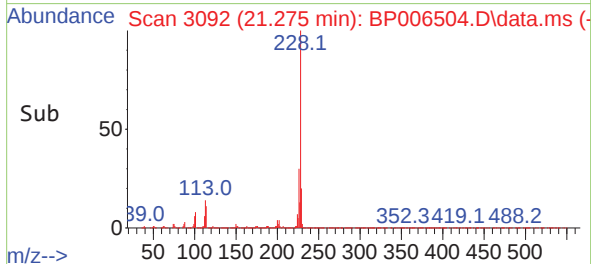
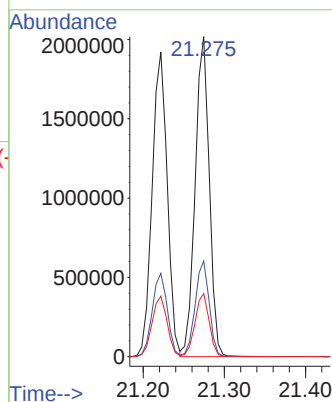
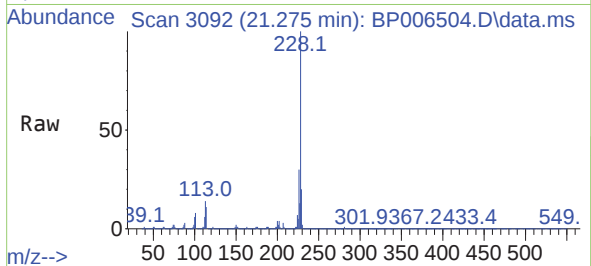




#83  
Chrysene  
Concen: 47.195 ng  
RT: 21.275 min Scan# 3092  
Delta R.T. 0.000 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

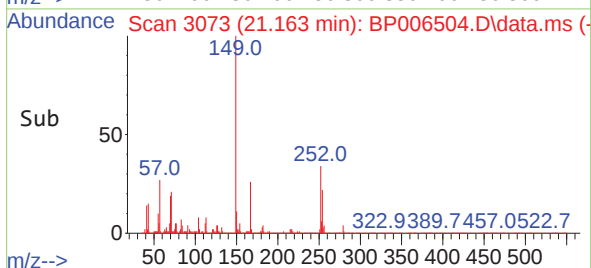
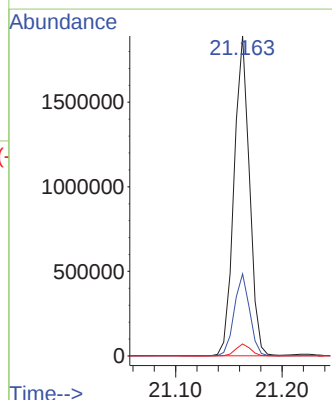
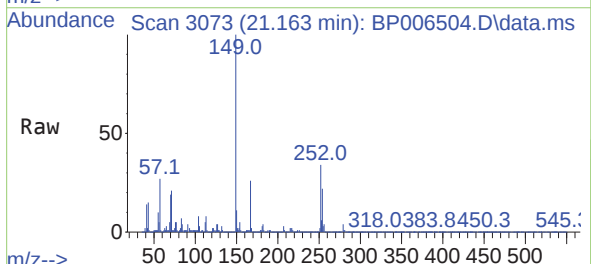
Instrument :  
BNA\_P  
ClientSampleId :  
20210575-COM-48MSD

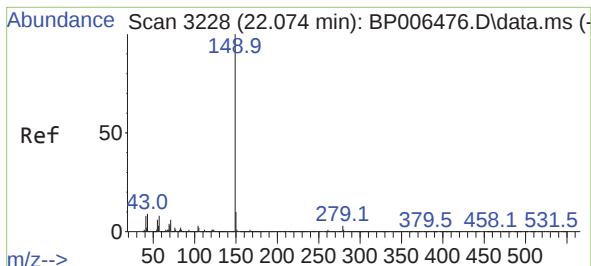
Tgt Ion:228 Resp: 2438457  
Ion Ratio Lower Upper  
228 100  
226 29.9 23.8 35.6  
229 19.7 15.4 23.2



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 52.895 ng  
RT: 21.163 min Scan# 3073  
Delta R.T. -0.006 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

Tgt Ion:149 Resp: 1903927  
Ion Ratio Lower Upper  
149 100  
167 25.6 21.9 32.9  
279 3.8 4.3 6.5#

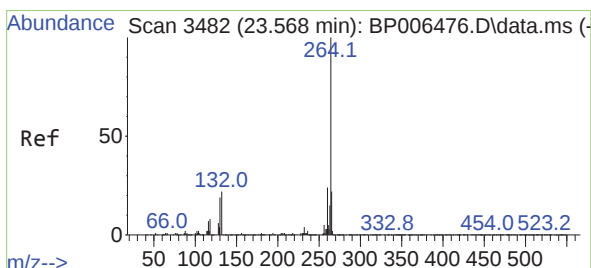
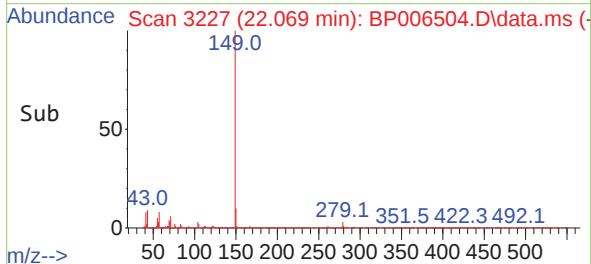
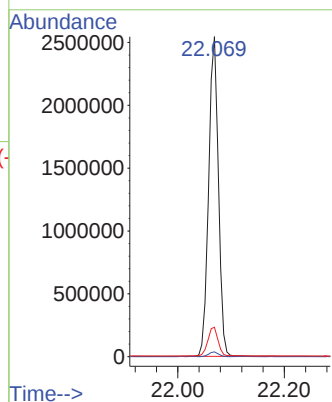
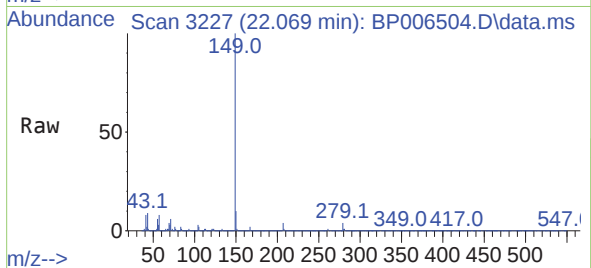




#85  
Di-n-octyl phthalate  
Concen: 54.690 ng  
RT: 22.069 min Scan# 3227  
Delta R.T. -0.006 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

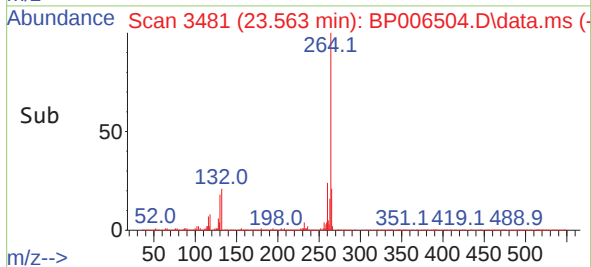
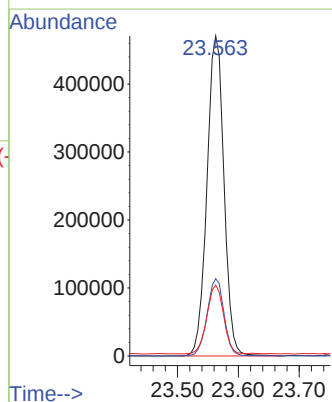
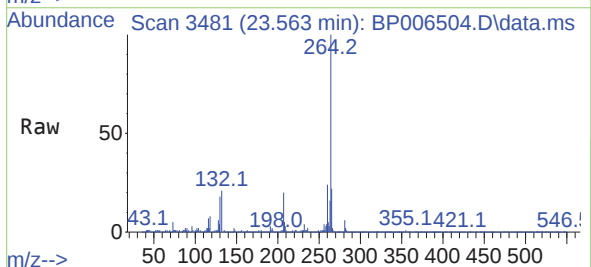
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ClientSampleId :  
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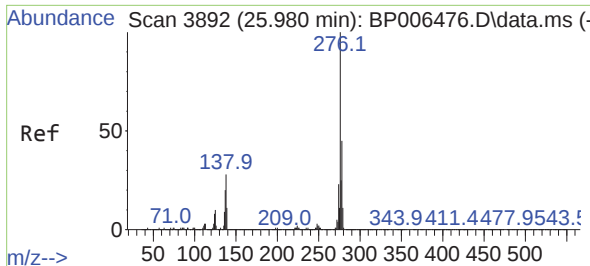
Tgt Ion:149 Resp: 3244603  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.4 2.0  
43 9.4 5.6 8.4#



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.563 min Scan# 3481  
Delta R.T. -0.006 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

Tgt Ion:264 Resp: 912702  
Ion Ratio Lower Upper  
264 100  
260 24.2 18.6 28.0  
265 22.1 17.6 26.4

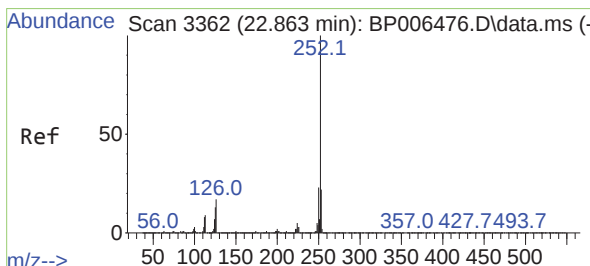
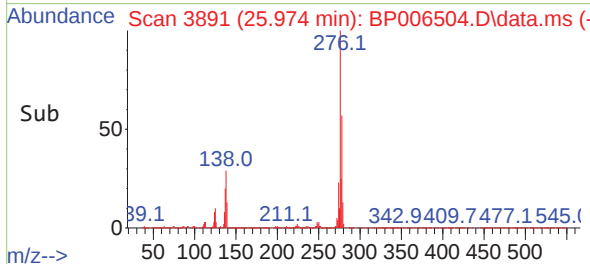
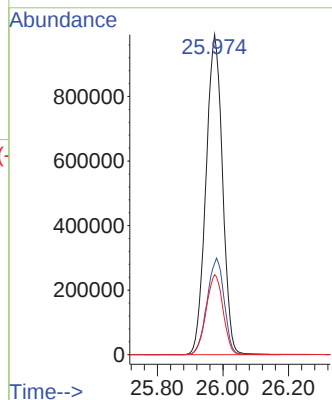
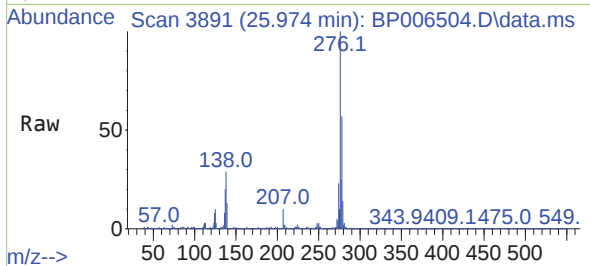




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 52.583 ng  
 RT: 25.974 min Scan# 3891  
 Delta R.T. -0.006 min  
 Lab File: BP006504.D  
 Acq: 05 Aug 2021 13:25

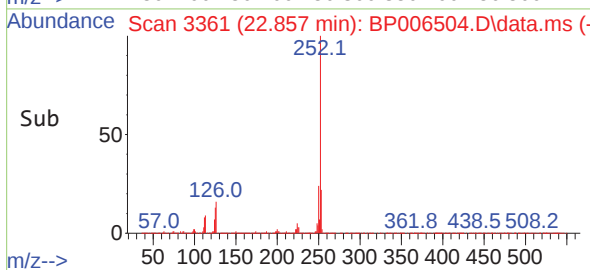
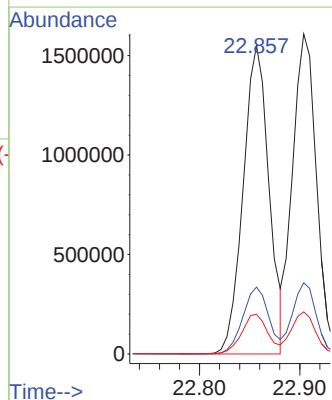
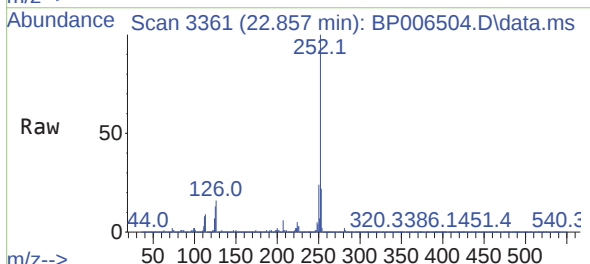
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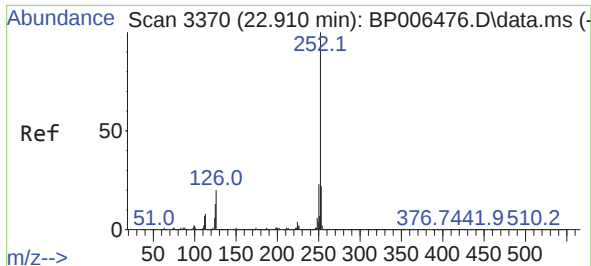
Tgt Ion:276 Resp: 3480001  
 Ion Ratio Lower Upper  
 276 100  
 138 31.1 15.3 22.9#  
 277 25.5 20.4 30.6



#88  
 Benzo(b)fluoranthene  
 Concen: 46.806 ng  
 RT: 22.857 min Scan# 3361  
 Delta R.T. -0.006 min  
 Lab File: BP006504.D  
 Acq: 05 Aug 2021 13:25

Tgt Ion:252 Resp: 2776482  
 Ion Ratio Lower Upper  
 252 100  
 253 21.7 17.5 26.3  
 125 12.9 6.2 9.4#

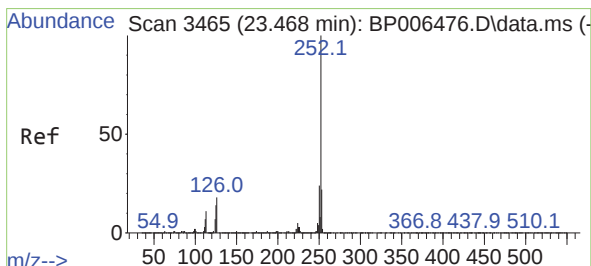
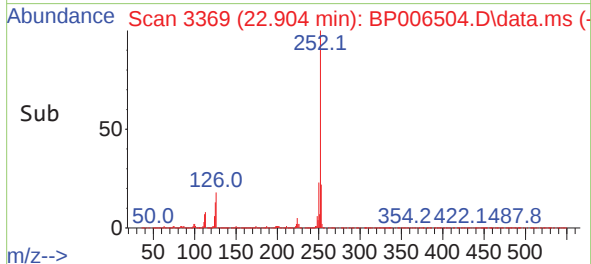
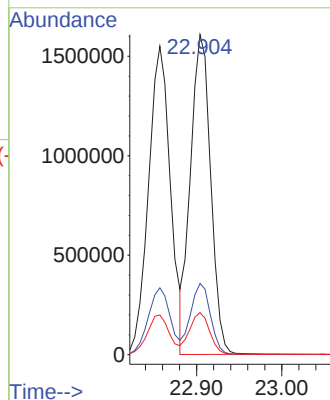
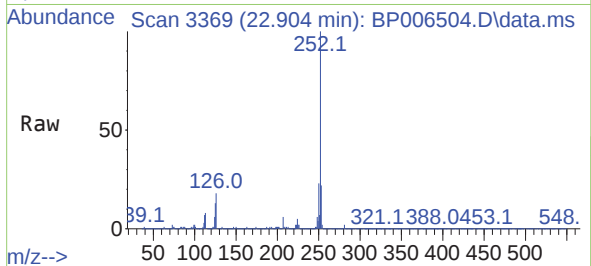




#89  
Benzo(k)fluoranthene  
Concen: 46.471 ng  
RT: 22.904 min Scan# 3369  
Delta R.T. -0.006 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

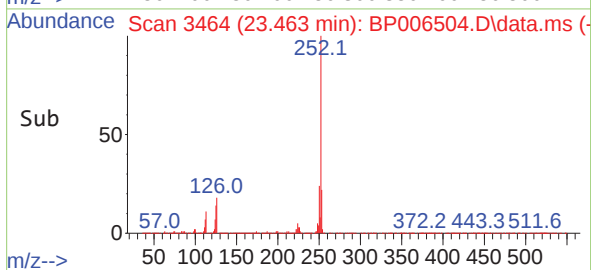
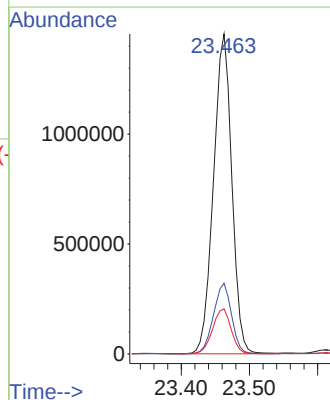
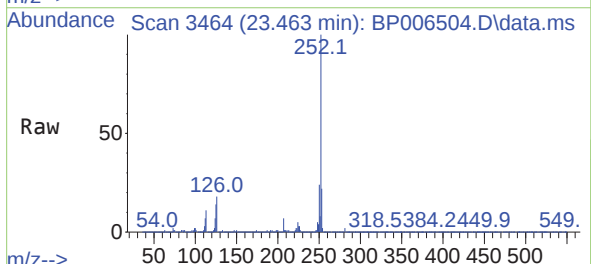
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ClientSampleId :  
20210575-COM-48MSD

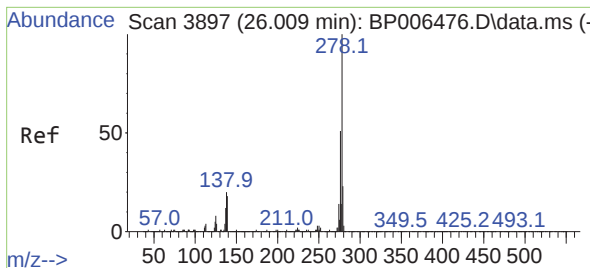
Tgt Ion:252 Resp: 2646652  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.6 26.4  
125 13.2 6.0 9.0#



#90  
Benzo(a)pyrene  
Concen: 51.170 ng  
RT: 23.463 min Scan# 3464  
Delta R.T. -0.006 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

Tgt Ion:252 Resp: 2722508  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.9 26.9  
125 14.1 6.5 9.7#

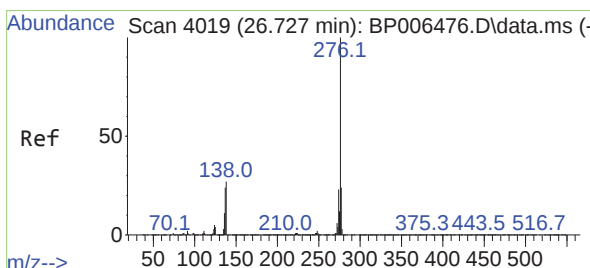
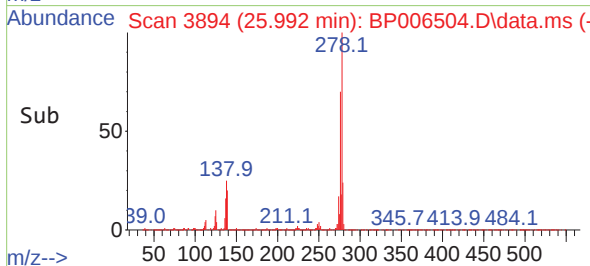
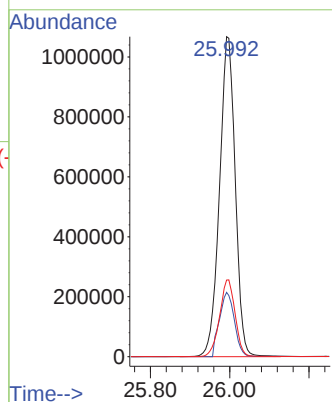
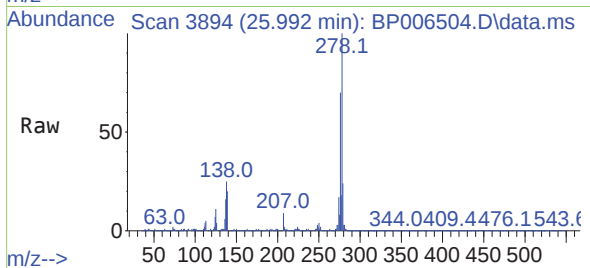




#91  
Dibenzo(a,h)anthracene  
Concen: 51.405 ng  
RT: 25.992 min Scan# 3894  
Delta R.T. -0.017 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

Instrument :  
BNA\_P  
ClientSampleId :  
20210575-COM-48MSD

Tgt Ion:278 Resp: 2941385  
Ion Ratio Lower Upper  
278 100  
139 20.1 9.3 13.9#  
279 24.0 18.8 28.2



#92  
Benzo(g,h,i)perylene  
Concen: 53.796 ng  
RT: 26.710 min Scan# 4016  
Delta R.T. -0.017 min  
Lab File: BP006504.D  
Acq: 05 Aug 2021 13:25

Tgt Ion:276 Resp: 2949780  
Ion Ratio Lower Upper  
276 100  
277 24.3 18.9 28.3  
138 26.3 12.6 18.8#

