

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082421\  
 Data File : BP006849.D  
 Acq On : 24 Aug 2021 15:49  
 Operator : CG/JU  
 Sample : M3505-01MSD  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DRILL-CUTTINGMSD

Quant Time: Aug 24 17:00:57 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 24 13:40:38 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.687  | 152  | 144555   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.475 | 136  | 599688   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.334 | 164  | 338582   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.092 | 188  | 673573   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.204 | 240  | 660009   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 23.510 | 264  | 729489   | 20.000  | ng    | -0.02    |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.293  | 112  | 1033920  | 109.857 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.881  | 99   | 1295077  | 96.870  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.852  | 82   | 844332   | 64.988  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.834 | 330  | 419789   | 118.633 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 12.957 | 172  | 1529091  | 67.568  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.674 | 244  | 2247050  | 68.220  | ng    | -0.01    |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.234  | 88   | 149816   | 36.564  | ng    | 97       |
| 3) Pyridine                   | 3.628  | 79   | 385369   | 32.000  | ng    | 96       |
| 4) n-Nitrosodimethylamine     | 3.540  | 42   | 155564   | 34.225  | ng    | # 69     |
| 6) Aniline                    | 7.028  | 93   | 553496   | 38.114  | ng    | 99       |
| 8) 2-Chlorophenol             | 7.258  | 128  | 453054   | 44.491  | ng    | 97       |
| 9) Benzaldehyde               | 6.840  | 77   | 312489   | 38.835  | ng    | 95       |
| 10) Phenol                    | 6.910  | 94   | 562849   | 41.986  | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 7.128  | 93   | 411243   | 40.401  | ng    | 96       |
| 12) 1,3-Dichlorobenzene       | 7.575  | 146  | 466113   | 43.919  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.722  | 146  | 474512   | 44.054  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.034  | 146  | 454736   | 43.997  | ng    | 98       |
| 15) Benzyl Alcohol            | 7.940  | 79   | 414882   | 41.381  | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.216  | 45   | 409717   | 33.825  | ng    | 97       |
| 17) 2-Methylphenol            | 8.146  | 107  | 370892   | 43.815  | ng    | 99       |
| 18) Hexachloroethane          | 8.752  | 117  | 188015   | 44.100  | ng    | 91       |
| 19) n-Nitroso-di-n-propyla... | 8.505  | 70   | 339812   | 37.886  | ng    | 93       |
| 20) 3+4-Methylphenols         | 8.475  | 107  | 501238   | 43.503  | ng    | 97       |
| 22) Acetophenone              | 8.516  | 105  | 674059   | 42.385  | ng    | # 98     |
| 24) Nitrobenzene              | 8.893  | 77   | 513954   | 38.055  | ng    | 94       |
| 25) Isophorone                | 9.422  | 82   | 889881   | 38.134  | ng    | 95       |
| 26) 2-Nitrophenol             | 9.599  | 139  | 238506   | 48.526  | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 9.669  | 122  | 393174   | 47.770  | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 9.904  | 93   | 540533   | 43.292  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.134 | 162  | 384962   | 46.198  | ng    | 96       |
| 30) 1,2,4-Trichlorobenzene    | 10.340 | 180  | 387453   | 43.272  | ng    | 97       |
| 31) Naphthalene               | 10.522 | 128  | 1336699  | 41.481  | ng    | 99       |
| 32) Benzoic acid              | 9.804  | 122  | 160853   | 25.263  | ng    | 95       |
| 33) 4-Chloroaniline           | 10.646 | 127  | 373026   | 28.606  | ng    | 96       |
| 34) Hexachlorobutadiene       | 10.798 | 225  | 236354   | 45.298  | ng    | 97       |
| 35) Caprolactam               | 11.469 | 113  | 141641   | 47.141  | ng    | # 78     |
| 36) 4-Chloro-3-methylphenol   | 11.787 | 107  | 464884   | 43.911  | ng    | 91       |
| 37) 2-Methylnaphthalene       | 12.140 | 142  | 925131   | 42.368  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.363 | 142  | 855630   | 41.234  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 12.510 | 216  | 405179   | 45.723  | ng    | # 95     |
| 41) Hexachlorocyclopentadiene | 12.487 | 237  | 430049   | 91.500  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 12.763 | 196  | 287838   | 47.570  | ng    | 97       |

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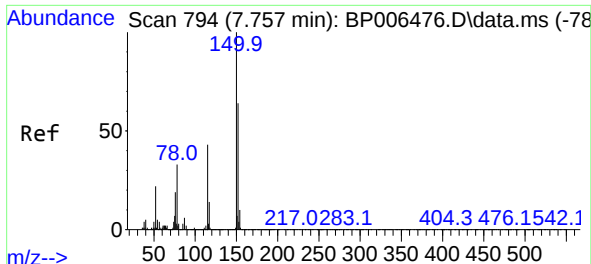
Instrument :  
 BNA\_P  
 ClientSampleId :  
 DRILL-CUTTINGMSD

Quant Time: Aug 24 17:00:57 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP080321.M  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.840 | 196  | 313103   | 46.747 | ng    | # 90     |
| 46) 1,1'-Biphenyl             | 13.169 | 154  | 1086515  | 42.396 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.204 | 162  | 848342   | 42.986 | ng    | 94       |
| 48) 2-Nitroaniline            | 13.422 | 65   | 301902   | 43.347 | ng    | 89       |
| 49) Acenaphthylene            | 14.057 | 152  | 1390528  | 43.697 | ng    | 99       |
| 50) Dimethylphthalate         | 13.810 | 163  | 1073912  | 43.573 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 13.928 | 165  | 234388   | 42.619 | ng    | # 84     |
| 52) Acenaphthene              | 14.398 | 154  | 815626   | 42.114 | ng    | 97       |
| 53) 3-Nitroaniline            | 14.257 | 138  | 215690   | 35.377 | ng    | 86       |
| 54) 2,4-Dinitrophenol         | 14.469 | 184  | 185449   | 64.483 | ng    | # 84     |
| 55) Dibenzofuran              | 14.739 | 168  | 1256813  | 41.257 | ng    | 94       |
| 56) 4-Nitrophenol             | 14.587 | 139  | 475996   | 89.913 | ng    | 90       |
| 57) 2,4-Dinitrotoluene        | 14.722 | 165  | 328922   | 44.597 | ng    | # 82     |
| 58) Fluorene                  | 15.386 | 166  | 1026999  | 42.178 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 14.969 | 232  | 262891   | 46.836 | ng    | # 74     |
| 60) Diethylphthalate          | 15.181 | 149  | 1152464  | 44.520 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 15.386 | 204  | 480540   | 43.579 | ng    | 90       |
| 62) 4-Nitroaniline            | 15.428 | 138  | 255772   | 39.535 | ng    | 93       |
| 63) Azobenzene                | 15.686 | 77   | 1194562  | 39.580 | ng    | 93       |
| 65) 4,6-Dinitro-2-methylph... | 15.486 | 198  | 148777   | 36.149 | ng    | 82       |
| 66) n-Nitrosodiphenylamine    | 15.610 | 169  | 876077   | 41.380 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.286 | 248  | 286057   | 44.261 | ng    | # 88     |
| 68) Hexachlorobenzene         | 16.392 | 284  | 324080   | 44.064 | ng    | # 89     |
| 69) Atrazine                  | 16.581 | 200  | 316683   | 47.935 | ng    | 96       |
| 70) Pentachlorophenol         | 16.745 | 266  | 451112   | 96.673 | ng    | 99       |
| 71) Phenanthrene              | 17.139 | 178  | 1578071  | 41.535 | ng    | 99       |
| 72) Anthracene                | 17.228 | 178  | 1604017  | 43.691 | ng    | 99       |
| 73) Carbazole                 | 17.510 | 167  | 1522124  | 40.648 | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.075 | 149  | 2011548  | 47.149 | ng    | 100      |
| 75) Fluoranthene              | 19.116 | 202  | 1824053  | 42.774 | ng    | 95       |
| 77) Benzidine                 | 19.310 | 184  | 779565   | 47.202 | ng    | 99       |
| 78) Pyrene                    | 19.469 | 202  | 1856945  | 42.122 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.363 | 149  | 945415   | 48.769 | ng    | 93       |
| 81) Benzo(a)anthracene        | 21.186 | 228  | 1818162  | 42.152 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.127 | 252  | 575563   | 50.828 | ng    | # 98     |
| 83) Chrysene                  | 21.239 | 228  | 1763955  | 42.183 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.127 | 149  | 1413825  | 48.532 | ng    | # 96     |
| 85) Di-n-octyl phthalate      | 22.021 | 149  | 2437769  | 50.770 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 25.904 | 276  | 2348522  | 44.399 | ng    | # 92     |
| 88) Benzo(b)fluoranthene      | 22.816 | 252  | 1932616  | 40.763 | ng    | # 97     |
| 89) Benzo(k)fluoranthene      | 22.863 | 252  | 1910576  | 41.972 | ng    | # 97     |
| 90) Benzo(a)pyrene            | 23.415 | 252  | 1922437  | 45.207 | ng    | # 95     |
| 91) Dibenzo(a,h)anthracene    | 25.915 | 278  | 1990720  | 43.528 | ng    | # 95     |
| 92) Benzo(g,h,i)perylene      | 26.639 | 276  | 1968189  | 44.909 | ng    | # 92     |

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

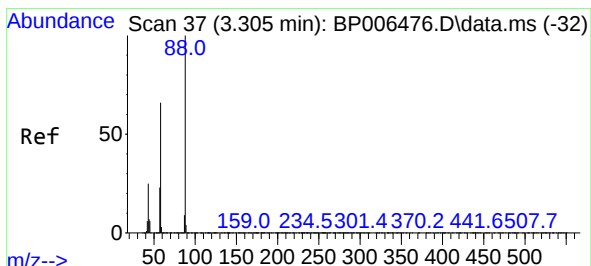
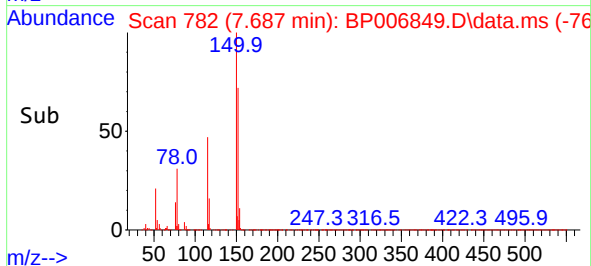
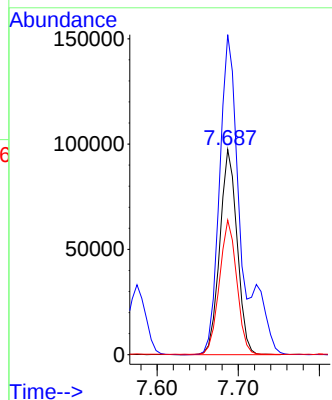
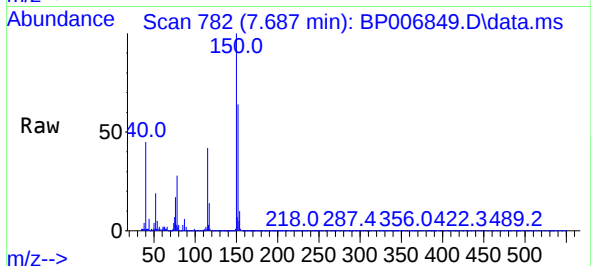




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.687 min Scan# 782  
Delta R.T. -0.000 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

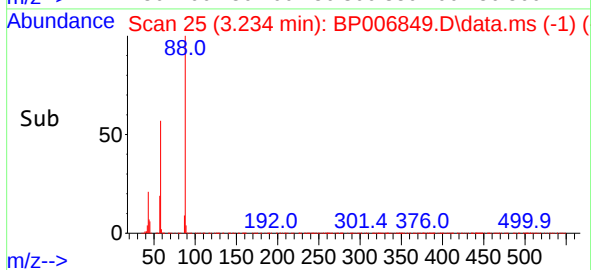
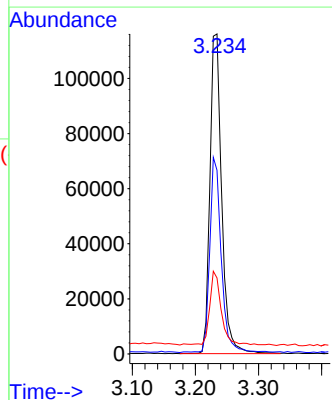
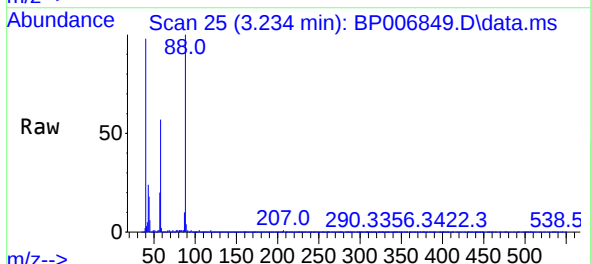
Instrument :  
BNA\_P  
ClientSampleId :  
DRILL-CUTTINGMSD

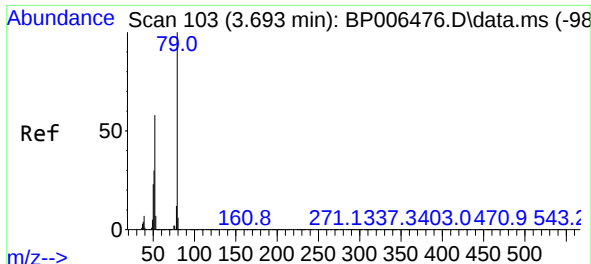
Tgt Ion:152 Resp: 144555  
Ion Ratio Lower Upper  
152 100  
150 156.0 125.6 188.4  
115 65.6 48.5 72.7



#2  
1,4-Dioxane  
Concen: 36.564 ng  
RT: 3.234 min Scan# 25  
Delta R.T. -0.000 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

Tgt Ion: 88 Resp: 149816  
Ion Ratio Lower Upper  
88 100  
58 59.6 46.7 70.1  
43 22.1 20.3 30.5



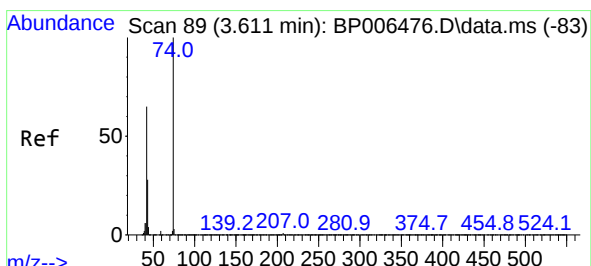
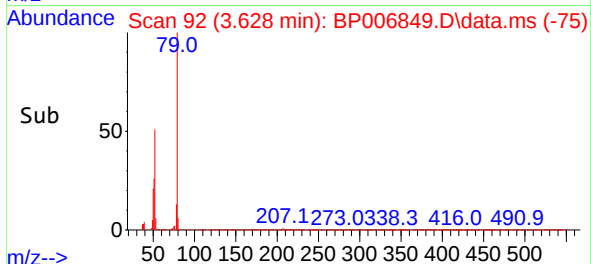
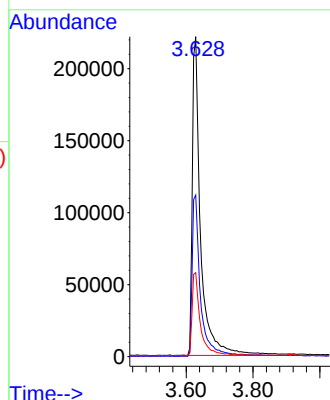
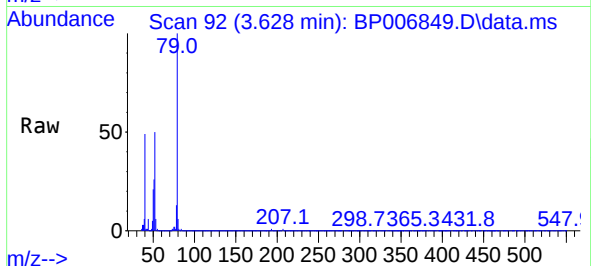


#3  
Pyridine  
Concen: 32.000 ng  
RT: 3.628 min Scan# 92  
Delta R.T. -0.000 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

Instrument :  
BNA\_P  
ClientSampleId :  
DRILL-CUTTINGMSD

Tgt Ion: 79 Resp: 385369

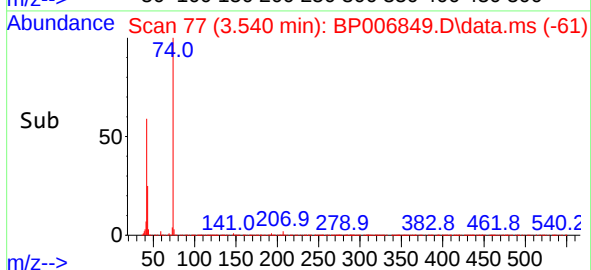
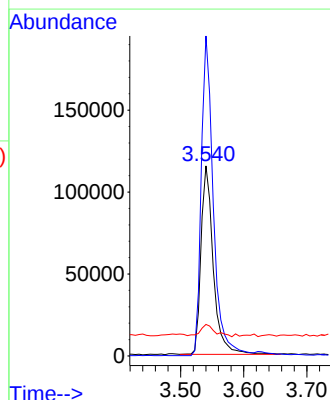
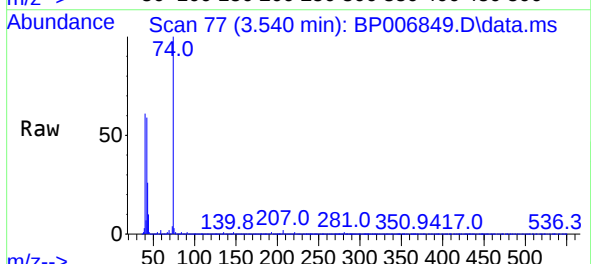
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 52  | 50.5  | 41.7  | 62.5  |
| 51  | 26.3  | 24.1  | 36.1  |

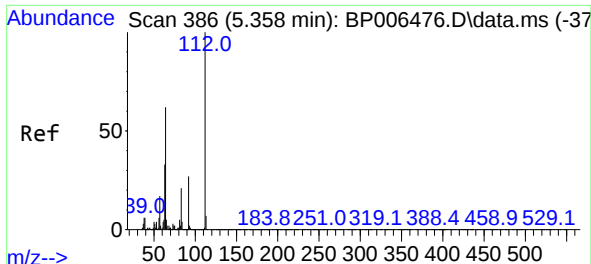


#4  
n-Nitrosodimethylamine  
Concen: 34.225 ng  
RT: 3.540 min Scan# 77  
Delta R.T. -0.006 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

Tgt Ion: 42 Resp: 155564

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 42  | 100   |       |        |
| 74  | 168.3 | 105.4 | 158.0# |
| 44  | 16.6  | 4.2   | 6.4#   |

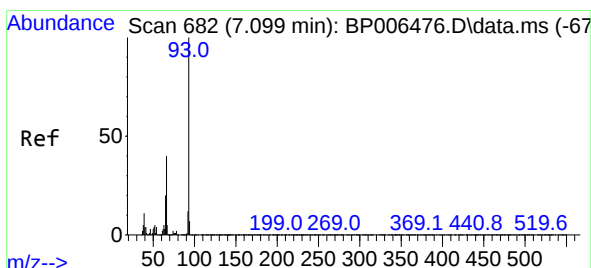
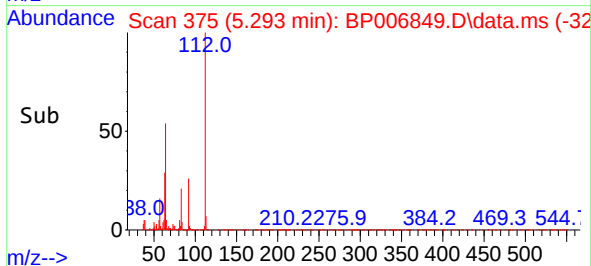
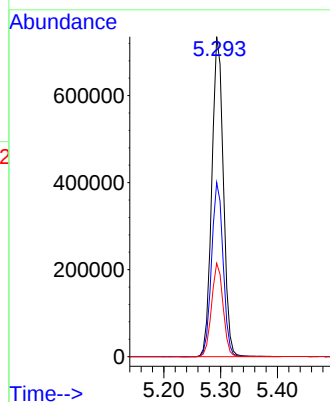
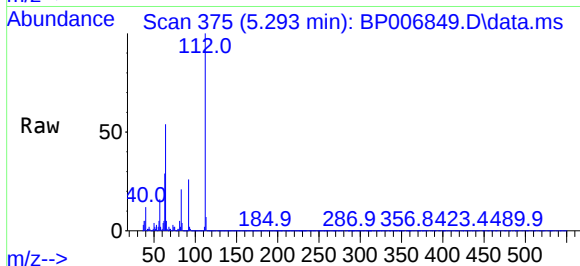




#5  
2-Fluorophenol  
Concen: 109.857 ng  
RT: 5.293 min Scan# 375  
Delta R.T. -0.000 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

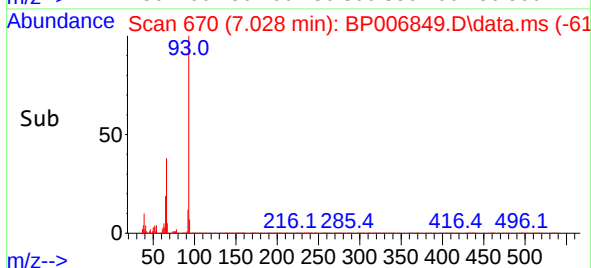
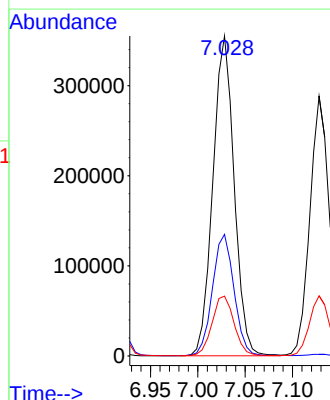
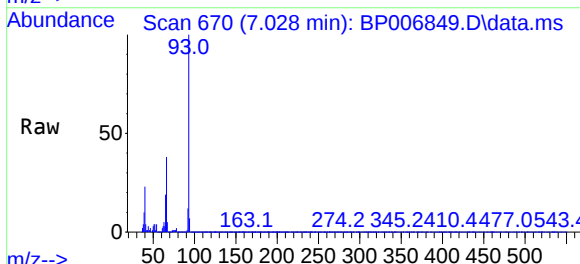
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Tgt Ion:112 Resp: 1033920  
Ion Ratio Lower Upper  
112 100  
64 54.5 41.4 62.2  
63 29.2 23.8 35.8



#6  
Aniline  
Concen: 38.114 ng  
RT: 7.028 min Scan# 670  
Delta R.T. -0.000 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

Tgt Ion: 93 Resp: 553496  
Ion Ratio Lower Upper  
93 100  
66 38.0 29.7 44.5  
65 18.7 15.3 22.9



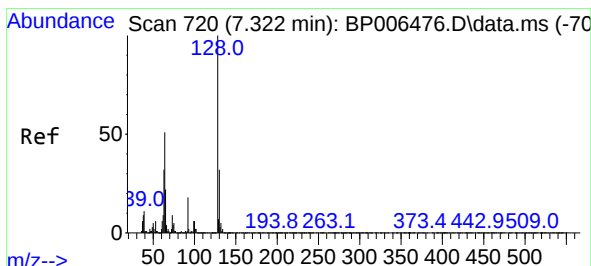
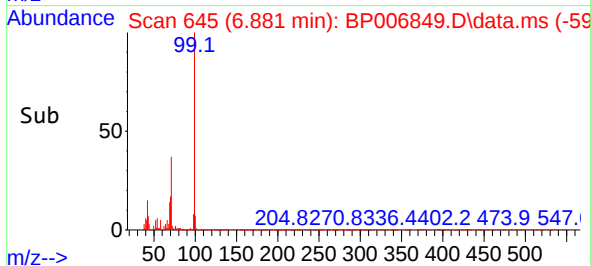
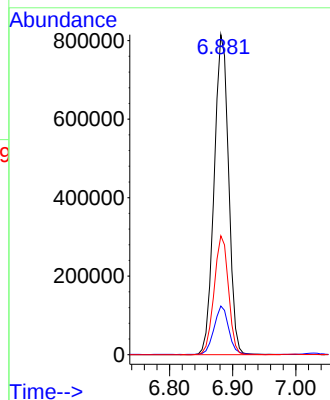
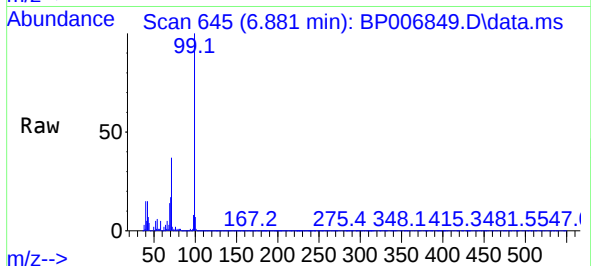


#7  
Phenol-d6  
Concen: 96.870 ng  
RT: 6.881 min Scan# 645  
Delta R.T. -0.000 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

Instrument :  
BNA\_P  
ClientSampleId :  
DRILL-CUTTINGMSD

Tgt Ion: 99 Resp: 1295077

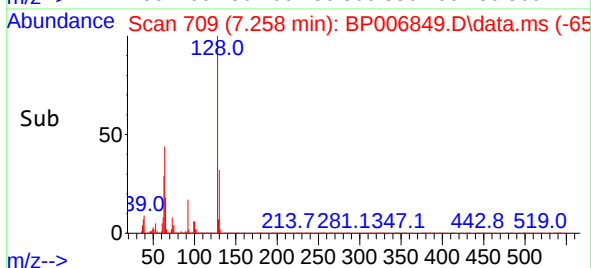
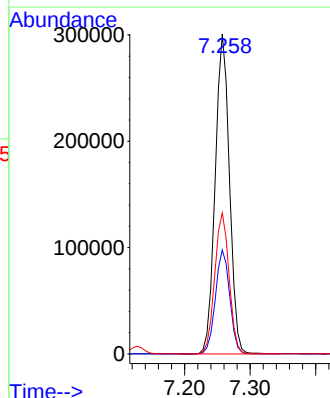
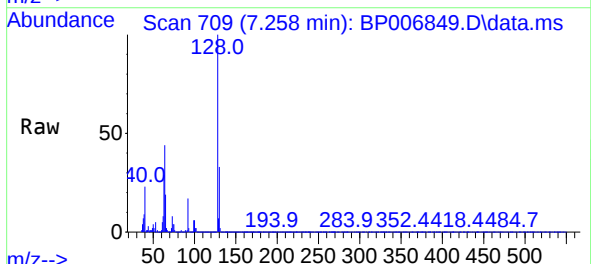
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|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 15.2  | 13.4  | 20.0  |
| 71  | 37.1  | 30.6  | 46.0  |

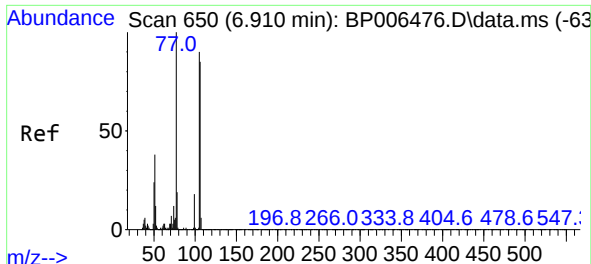


#8  
2-Chlorophenol  
Concen: 44.491 ng  
RT: 7.258 min Scan# 709  
Delta R.T. -0.000 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

Tgt Ion: 128 Resp: 453054

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.5  | 12.4  | 52.4  |
| 64  | 44.1  | 20.3  | 60.3  |

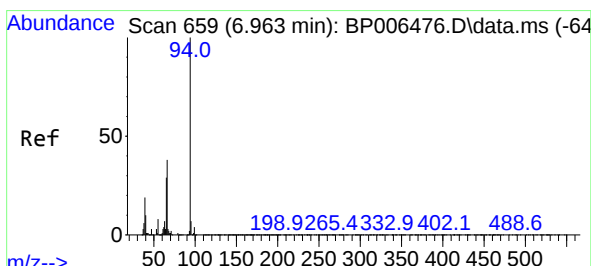
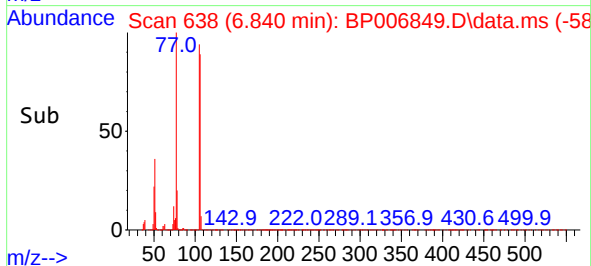
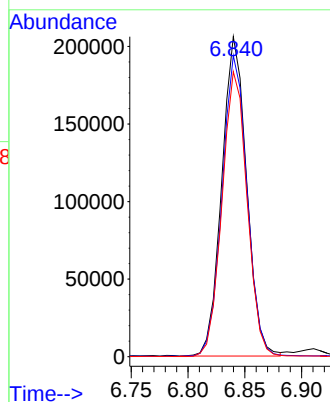
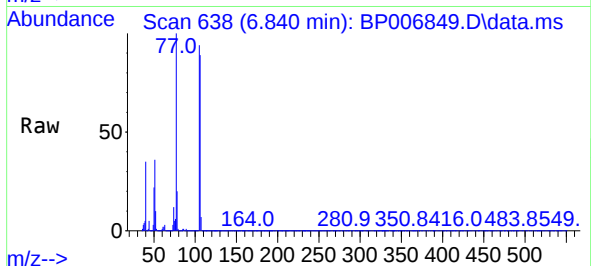




#9  
Benzaldehyde  
Concen: 38.835 ng  
RT: 6.840 min Scan# 638  
Delta R.T. -0.000 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

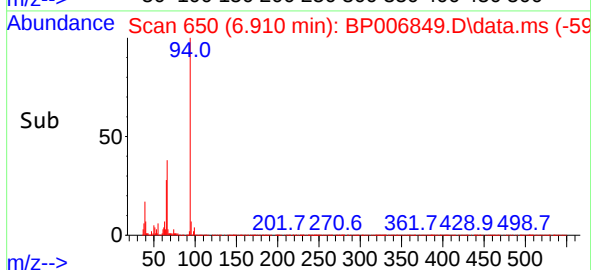
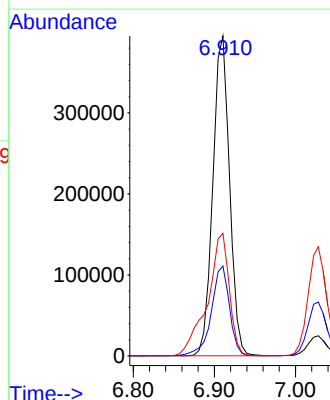
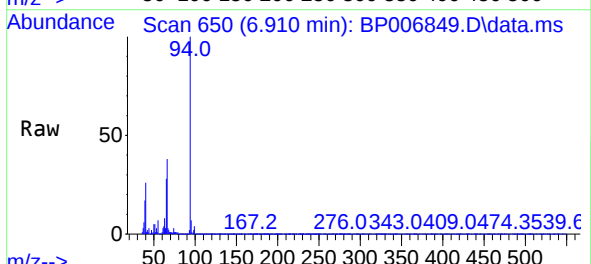
Instrument :  
BNA\_P  
ClientSampleId :  
DRILL-CUTTINGMSD

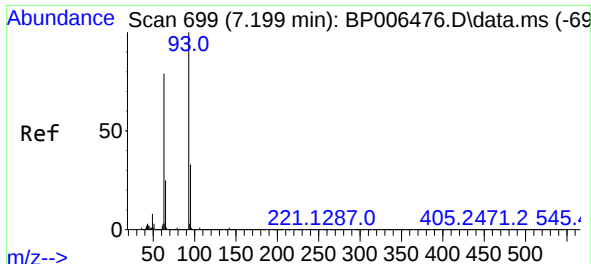
Tgt Ion: 77 Resp: 312489  
Ion Ratio Lower Upper  
77 100  
105 94.1 76.7 116.7  
106 89.1 76.2 116.2



#10  
Phenol  
Concen: 41.986 ng  
RT: 6.910 min Scan# 650  
Delta R.T. 0.006 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

Tgt Ion: 94 Resp: 562849  
Ion Ratio Lower Upper  
94 100  
65 28.1 8.8 48.8  
66 38.4 20.7 60.7

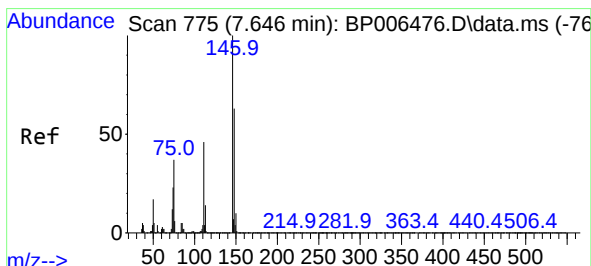
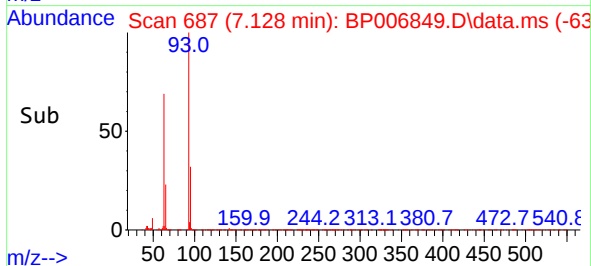
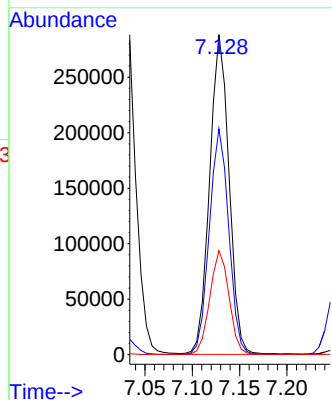
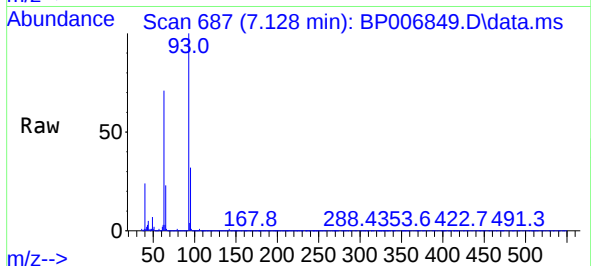




#11  
bis(2-Chloroethyl)ether  
Concen: 40.401 ng  
RT: 7.128 min Scan# 687  
Delta R.T. -0.000 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

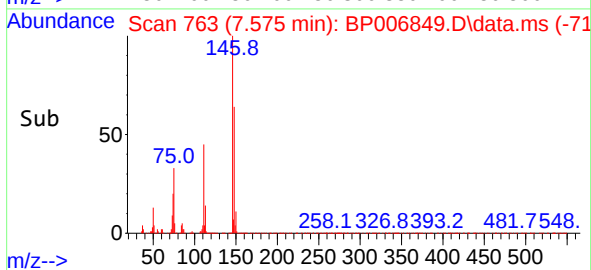
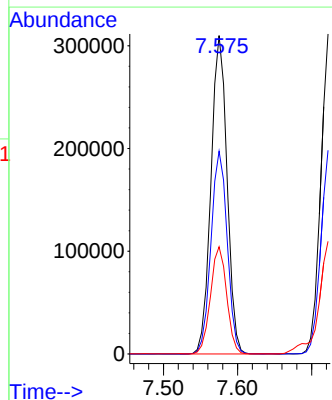
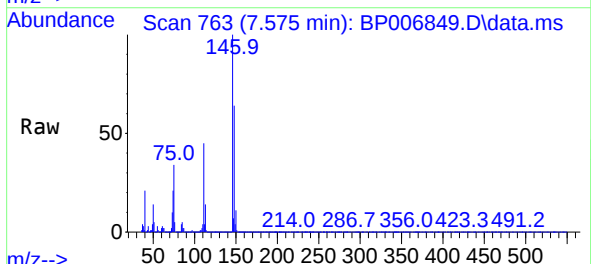
Instrument :  
BNA\_P  
ClientSampleId :  
DRILL-CUTTINGMSD

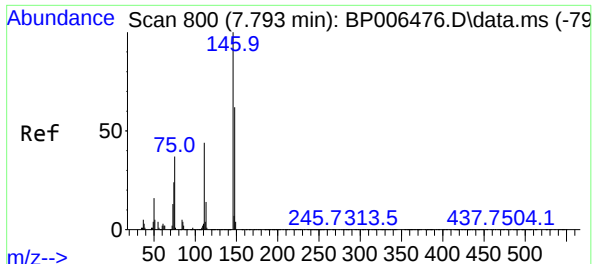
Tgt Ion: 93 Resp: 411243  
Ion Ratio Lower Upper  
93 100  
63 70.6 46.2 86.2  
95 32.5 12.2 52.2



#12  
1,3-Dichlorobenzene  
Concen: 43.919 ng  
RT: 7.575 min Scan# 763  
Delta R.T. -0.000 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

Tgt Ion: 146 Resp: 466113  
Ion Ratio Lower Upper  
146 100  
148 63.7 51.5 77.3  
75 33.7 25.7 38.5



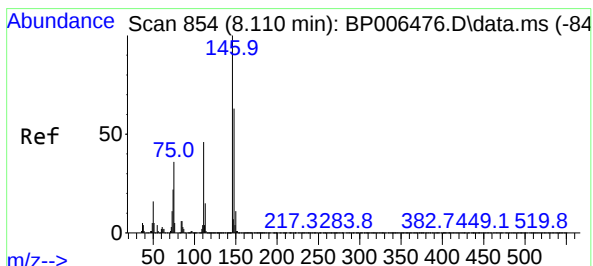
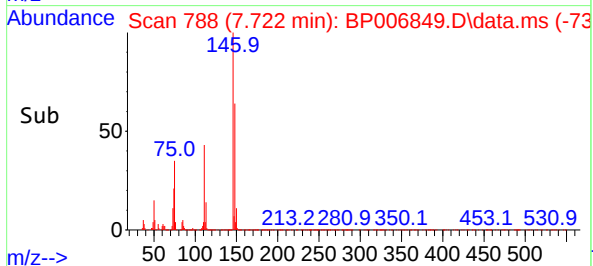
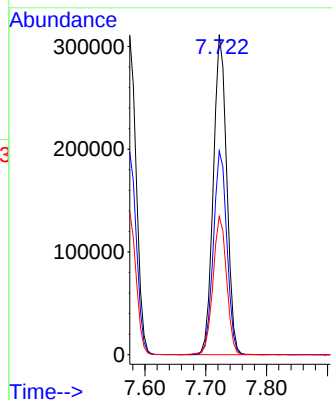
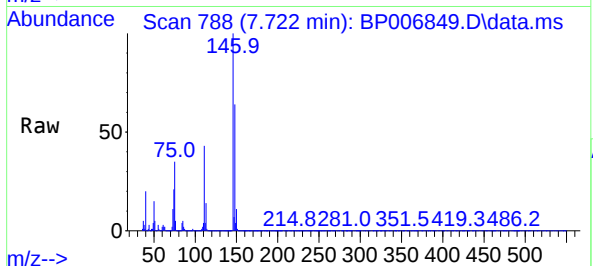


#13

1,4-Dichlorobenzene  
Concen: 44.054 ng  
RT: 7.722 min Scan# 788  
Delta R.T. -0.000 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

Instrument :  
BNA\_P  
ClientSampleId :  
DRILL-CUTTINGMSD

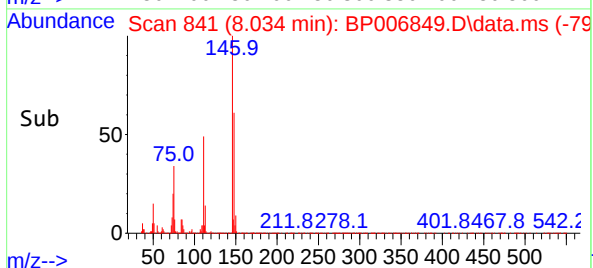
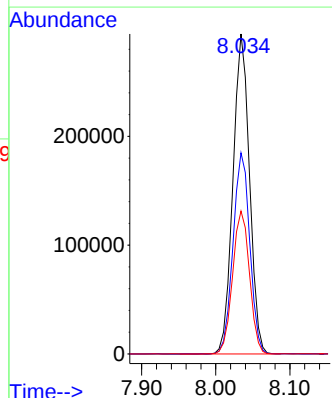
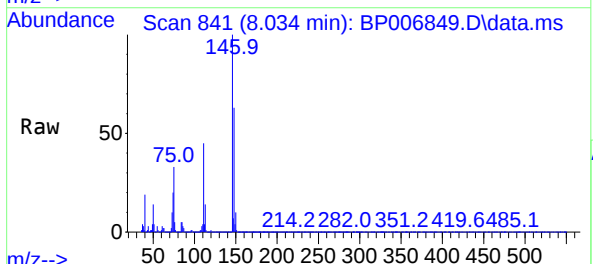
Tgt Ion:146 Resp: 474512  
Ion Ratio Lower Upper  
146 100  
148 63.7 51.3 76.9  
111 43.2 33.0 49.6

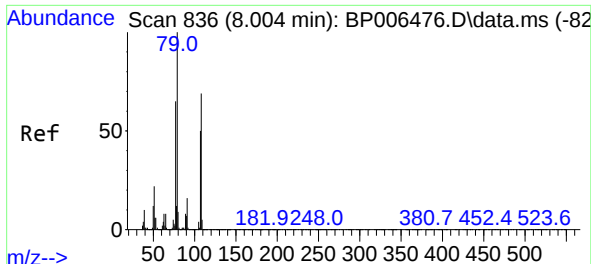


#14

1,2-Dichlorobenzene  
Concen: 43.997 ng  
RT: 8.034 min Scan# 841  
Delta R.T. -0.000 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

Tgt Ion:146 Resp: 454736  
Ion Ratio Lower Upper  
146 100  
148 62.9 50.3 75.5  
111 44.7 33.7 50.5

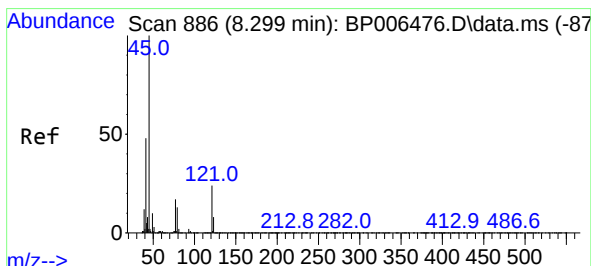
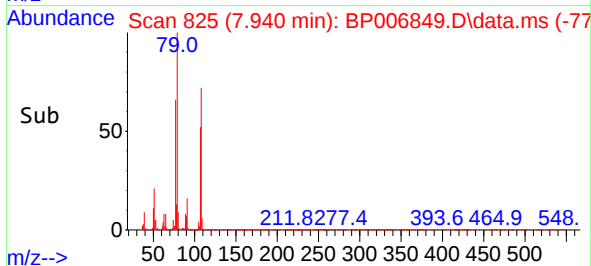
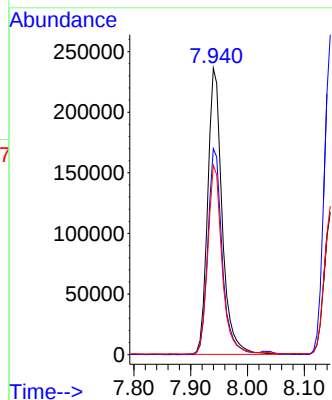
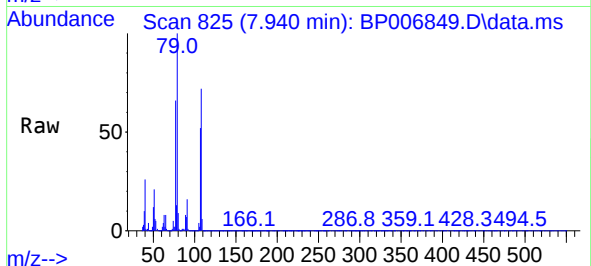




#15  
Benzyl Alcohol  
Concen: 41.381 ng  
RT: 7.940 min Scan# 825  
Delta R.T. -0.000 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

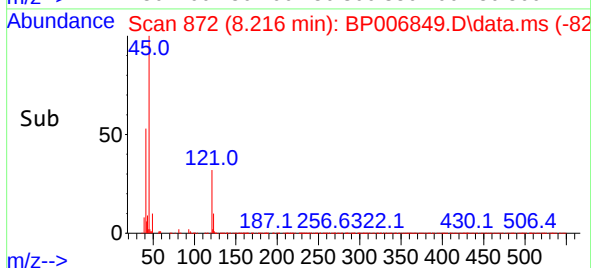
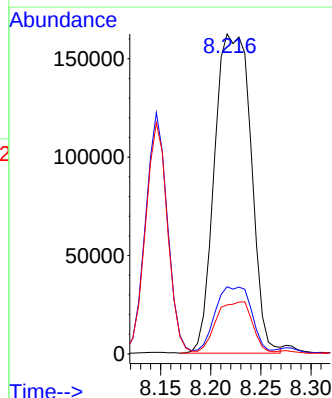
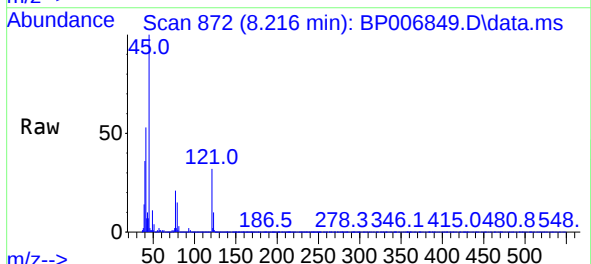
Instrument :  
BNA\_P  
ClientSampleId :  
DRILL-CUTTINGMSD

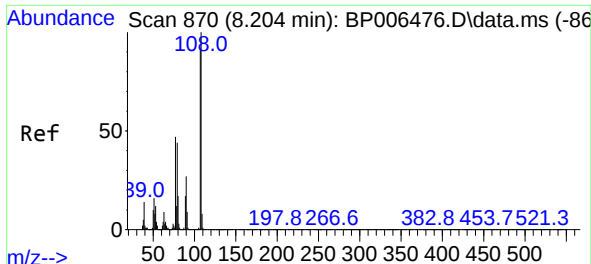
Tgt Ion: 79 Resp: 414882  
Ion Ratio Lower Upper  
79 100  
108 71.9 62.5 93.7  
77 66.1 52.9 79.3



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 33.825 ng  
RT: 8.216 min Scan# 872  
Delta R.T. -0.012 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

Tgt Ion: 45 Resp: 409717  
Ion Ratio Lower Upper  
45 100  
77 21.0 2.0 42.0  
79 15.4 0.0 36.7

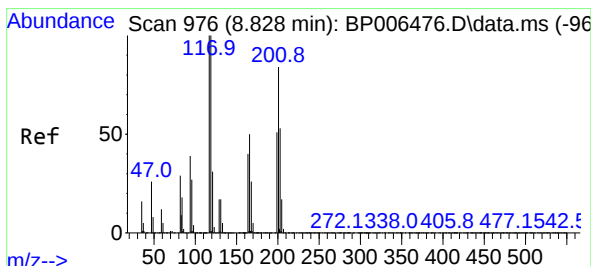
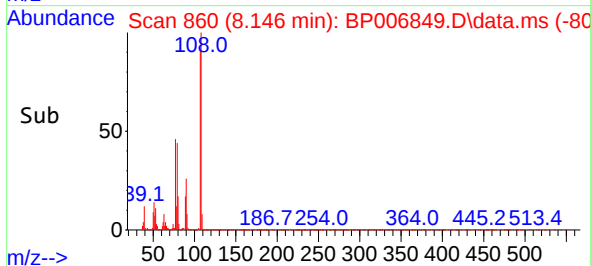
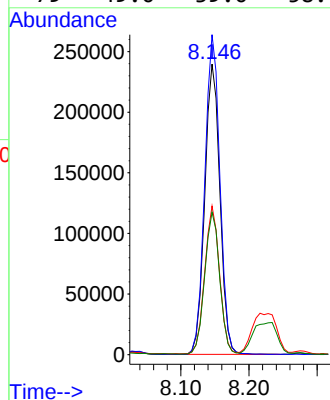
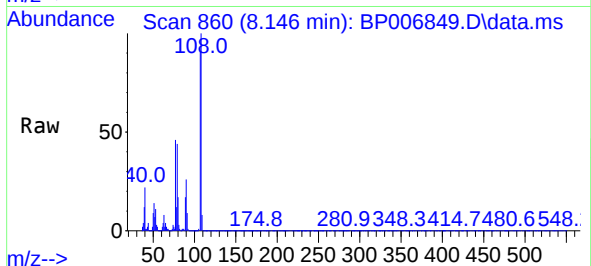




#17  
2-Methylphenol  
Concen: 43.815 ng  
RT: 8.146 min Scan# 860  
Delta R.T. -0.000 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

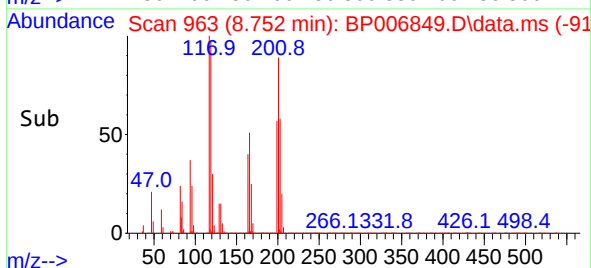
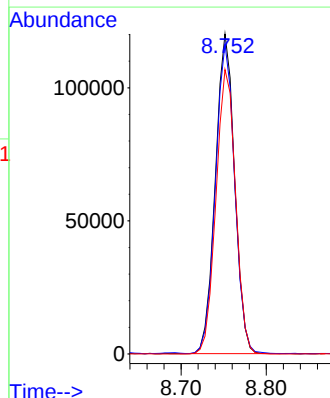
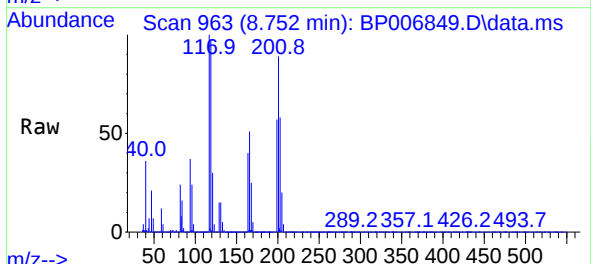
Instrument :  
BNA\_P  
ClientSampleId :  
DRILL-CUTTINGMSD

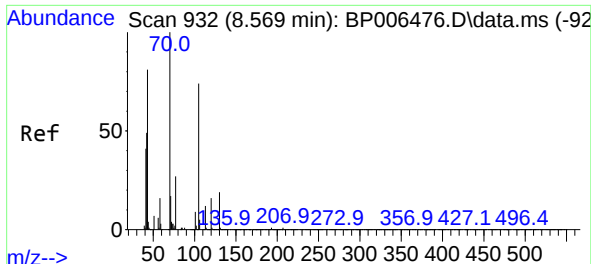
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 370892 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 110.1 | 87.7  | 131.5  |
| 77       | 51.2  | 40.2  | 60.2   |
| 79       | 49.0  | 39.0  | 58.4   |



#18  
Hexachloroethane  
Concen: 44.100 ng  
RT: 8.752 min Scan# 963  
Delta R.T. -0.000 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 188015 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 96.8  | 76.2  | 114.2  |
| 201      | 88.8  | 83.4  | 125.0  |



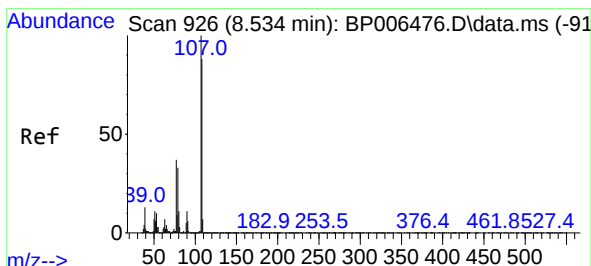
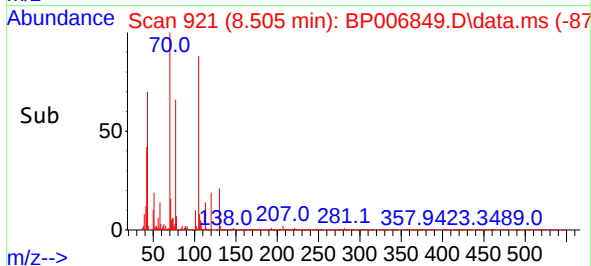
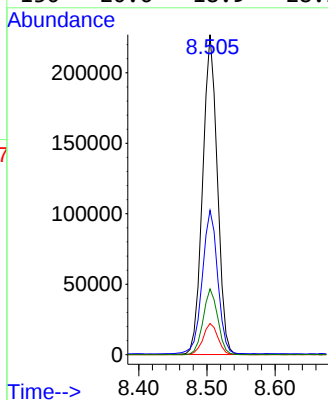
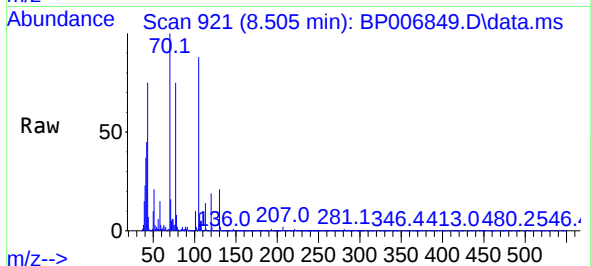


#19  
n-Nitroso-di-n-propylamine  
Concen: 37.886 ng  
RT: 8.505 min Scan# 921  
Delta R.T. -0.000 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

Instrument :  
BNA\_P  
ClientSampleId :  
DRILL-CUTTINGMSD

Tgt Ion: 70 Resp: 339812

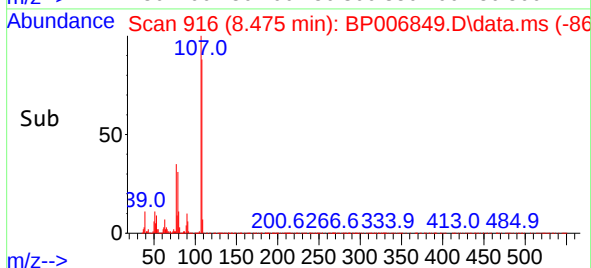
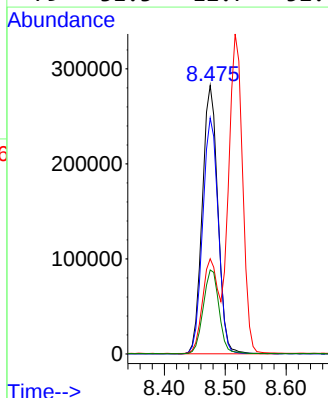
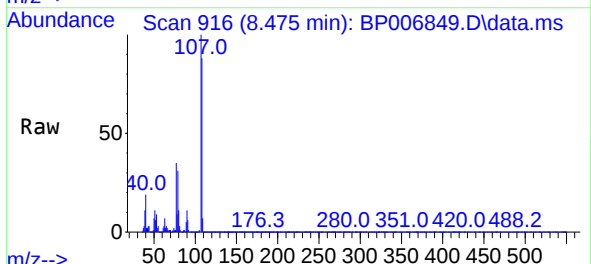
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 45.1  | 40.8  | 61.2  |
| 101 | 9.7   | 8.8   | 13.2  |
| 130 | 20.6  | 18.9  | 28.3  |

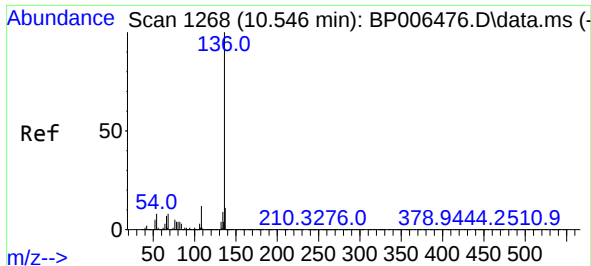


#20  
3+4-Methylphenols  
Concen: 43.503 ng  
RT: 8.475 min Scan# 916  
Delta R.T. -0.000 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

Tgt Ion: 107 Resp: 501238

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 87.9  | 71.0  | 111.0 |
| 77  | 35.5  | 16.6  | 56.6  |
| 79  | 31.3  | 12.7  | 52.7  |



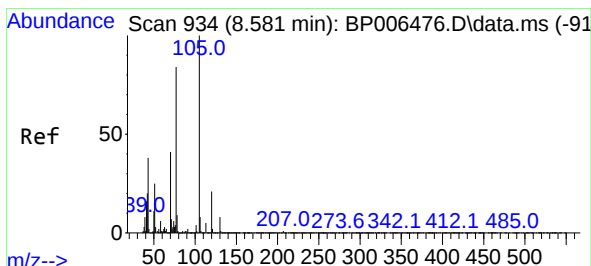
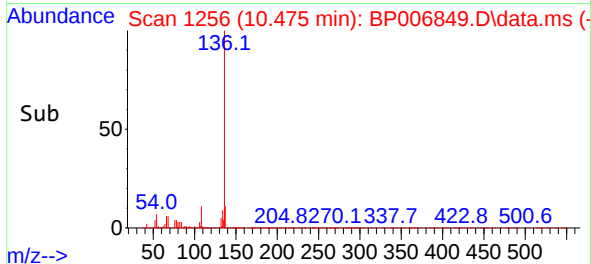
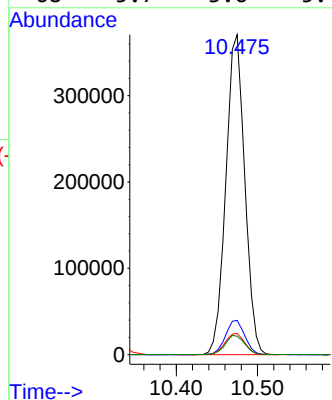
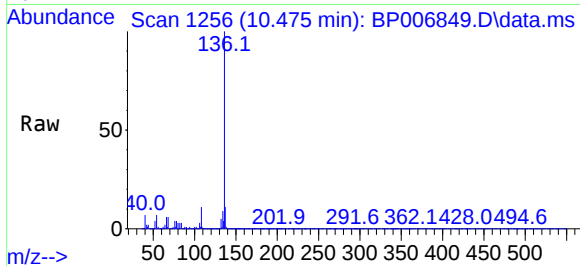


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.475 min Scan# 1256  
Delta R.T. -0.000 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

Instrument :  
BNA\_P  
ClientSampleId :  
DRILL-CUTTINGMSD

Tgt Ion:136 Resp: 599688

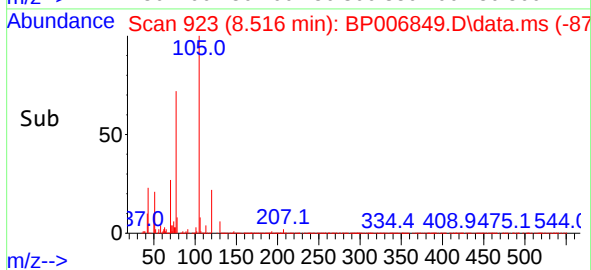
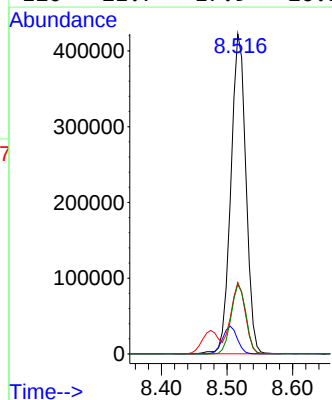
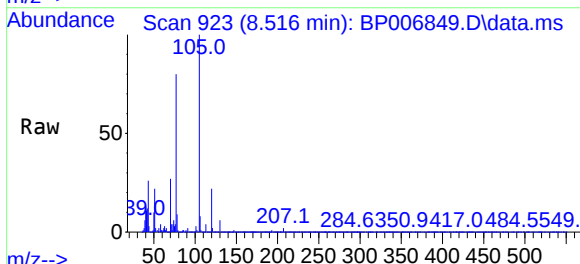
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.7  | 8.6   | 12.8  |
| 54  | 6.6   | 4.6   | 6.8   |
| 68  | 5.7   | 3.6   | 5.4   |



#22  
Acetophenone  
Concen: 42.385 ng  
RT: 8.516 min Scan# 923  
Delta R.T. -0.000 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

Tgt Ion:105 Resp: 674059

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 4.4   | 1.9   | 2.9   |
| 51  | 22.4  | 18.4  | 27.6  |
| 120 | 21.7  | 17.9  | 26.9  |

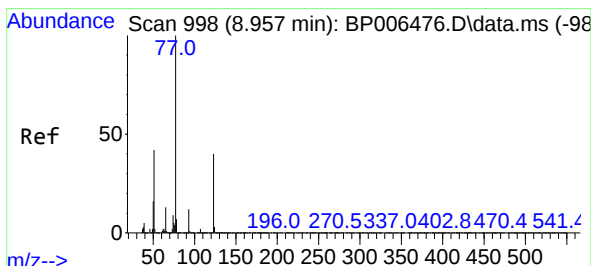
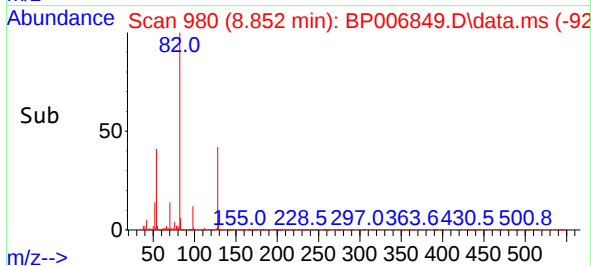
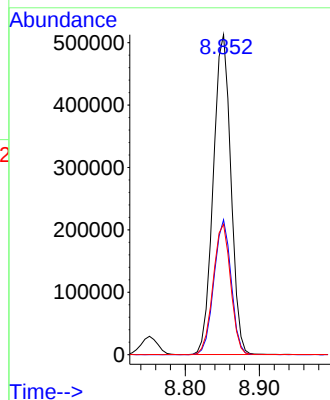
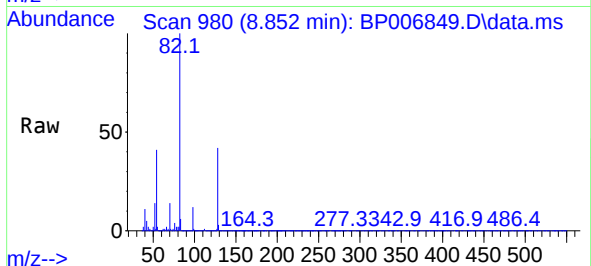




#23  
Nitrobenzene-d5  
Concen: 64.988 ng  
RT: 8.852 min Scan# 980  
Delta R.T. -0.000 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

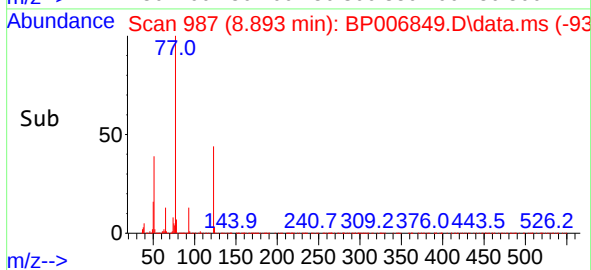
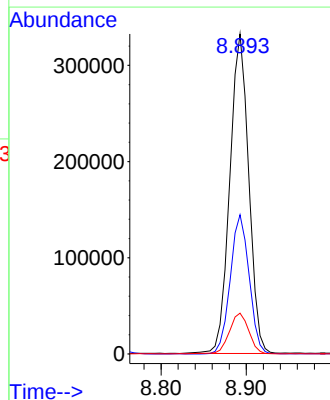
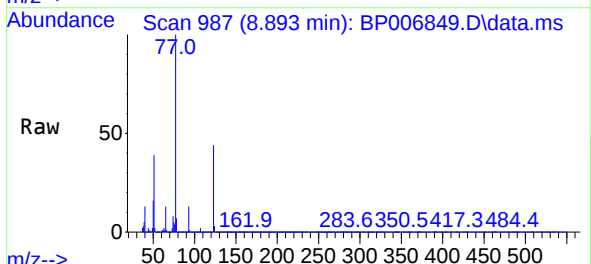
Instrument :  
BNA\_P  
ClientSampleId :  
DRILL-CUTTINGMSD

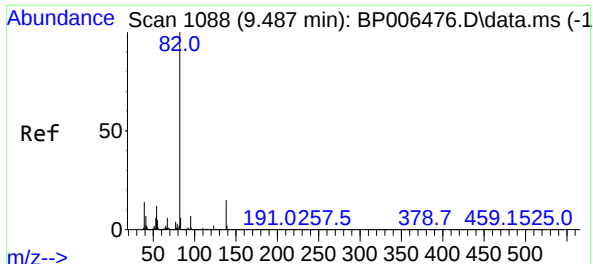
Tgt Ion: 82 Resp: 844332  
Ion Ratio Lower Upper  
82 100  
128 42.2 35.7 53.5  
54 40.8 35.0 52.4



#24  
Nitrobenzene  
Concen: 38.055 ng  
RT: 8.893 min Scan# 987  
Delta R.T. -0.000 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

Tgt Ion: 77 Resp: 513954  
Ion Ratio Lower Upper  
77 100  
123 43.5 38.2 57.2  
65 12.8 11.4 17.2

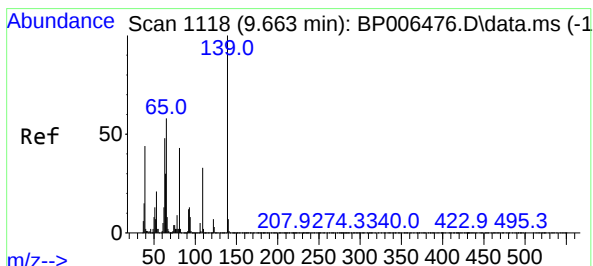
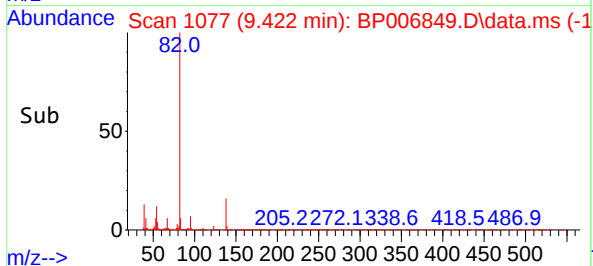
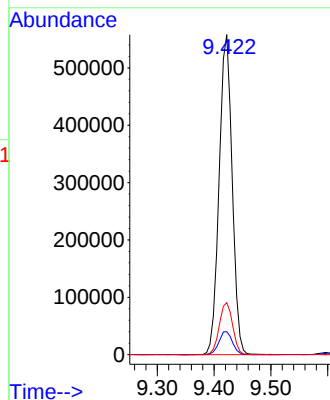
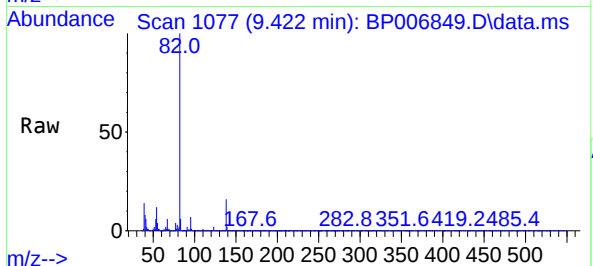




#25  
Isophorone  
Concen: 38.134 ng  
RT: 9.422 min Scan# 1077  
Delta R.T. -0.000 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

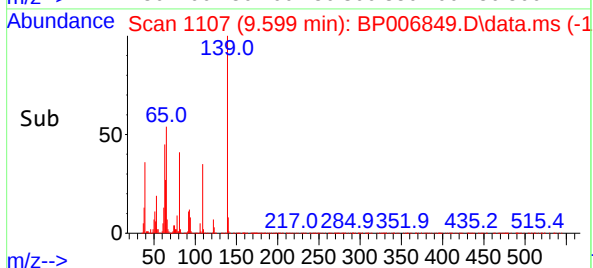
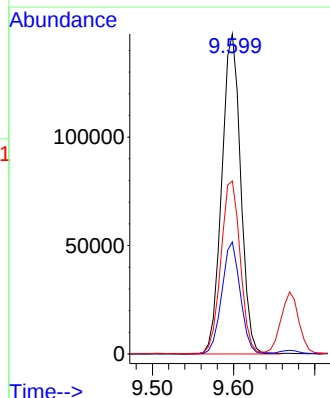
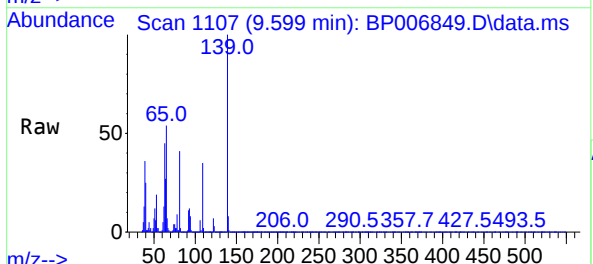
Instrument :  
BNA\_P  
ClientSampleId :  
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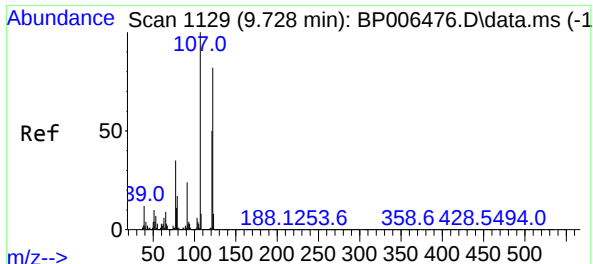
Tgt Ion: 82 Resp: 889881  
Ion Ratio Lower Upper  
82 100  
95 7.2 6.5 9.7  
138 16.3 15.0 22.4



#26  
2-Nitrophenol  
Concen: 48.526 ng  
RT: 9.599 min Scan# 1107  
Delta R.T. -0.000 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

Tgt Ion: 139 Resp: 238506  
Ion Ratio Lower Upper  
139 100  
109 35.0 28.8 43.2  
65 54.0 41.0 61.6

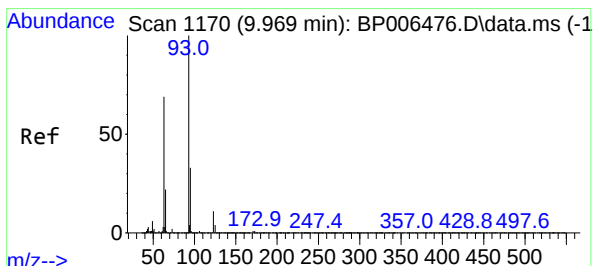
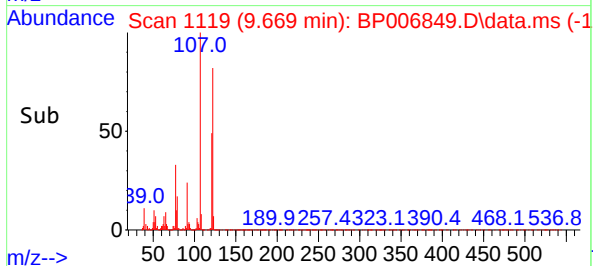
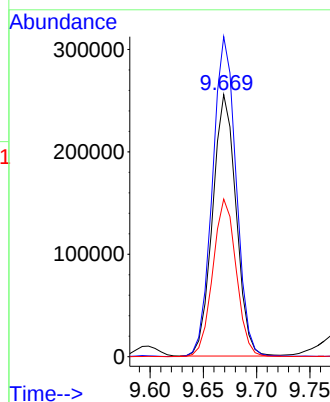
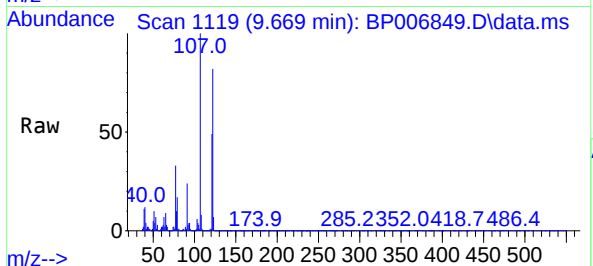




#27  
2,4-Dimethylphenol  
Concen: 47.770 ng  
RT: 9.669 min Scan# 1119  
Delta R.T. -0.000 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

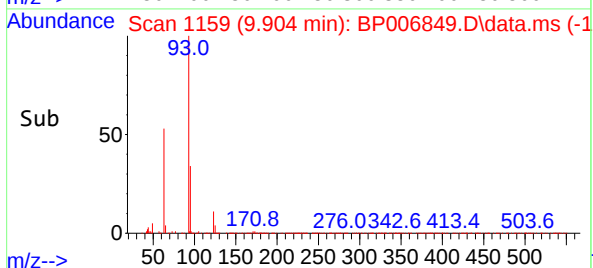
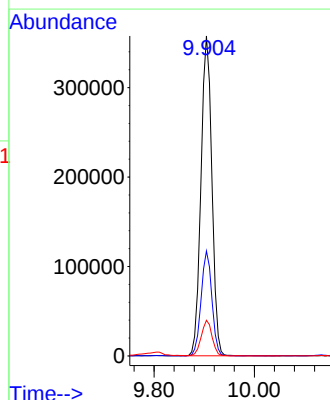
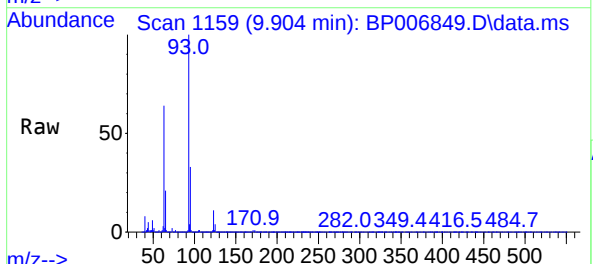
Instrument :  
BNA\_P  
ClientSampleId :  
DRILL-CUTTINGMSD

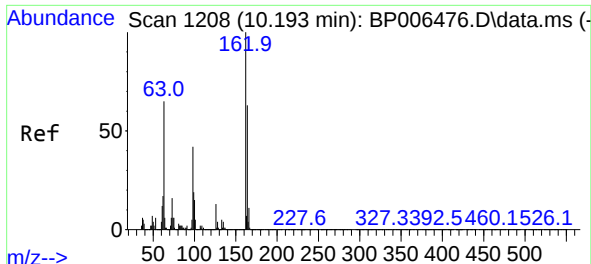
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 122   | Resp: | 393174 |
| Ion      | Ratio | Lower | Upper  |
| 122      | 100   |       |        |
| 107      | 122.1 | 94.5  | 141.7  |
| 121      | 60.1  | 47.4  | 71.2   |



#28  
bis(2-Chloroethoxy)methane  
Concen: 43.292 ng  
RT: 9.904 min Scan# 1159  
Delta R.T. -0.000 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 540533 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 95       | 32.8  | 25.9  | 38.9   |
| 123      | 11.1  | 10.2  | 15.2   |

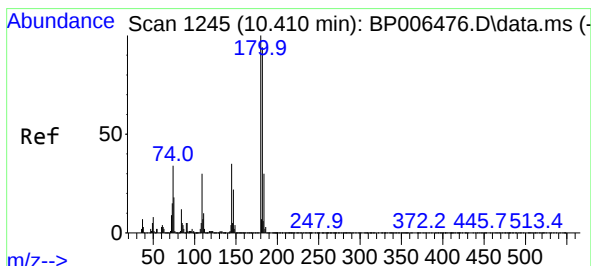
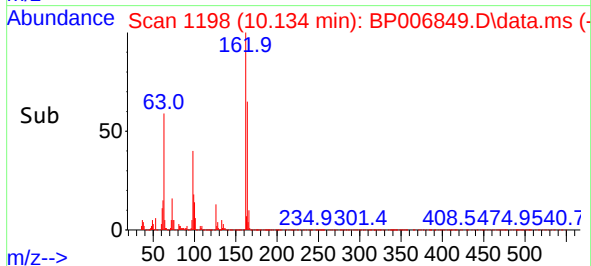
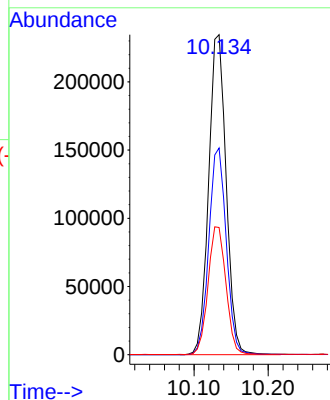
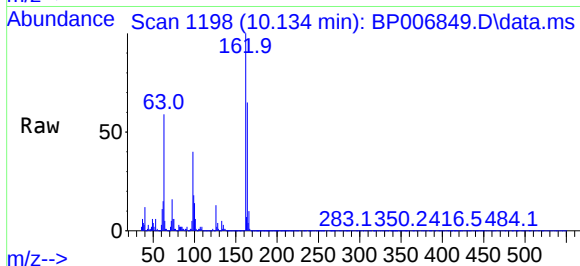




#29  
2,4-Dichlorophenol  
Concen: 46.198 ng  
RT: 10.134 min Scan# 1198  
Delta R.T. -0.000 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

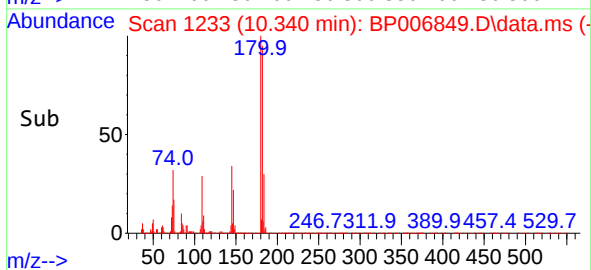
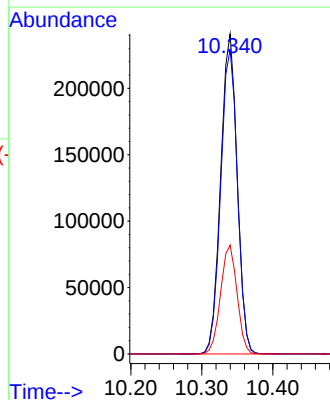
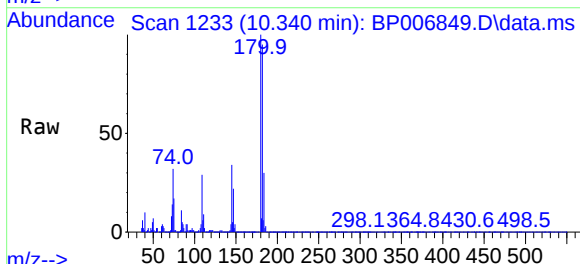
Instrument :  
BNA\_P  
ClientSampleId :  
DRILL-CUTTINGMSD

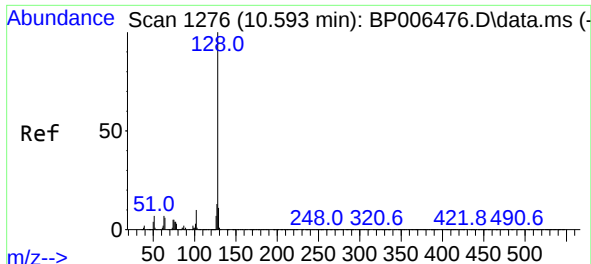
Tgt Ion:162 Resp: 384962  
Ion Ratio Lower Upper  
162 100  
164 64.6 44.9 84.9  
98 39.8 14.3 54.3



#30  
1,2,4-Trichlorobenzene  
Concen: 43.272 ng  
RT: 10.340 min Scan# 1233  
Delta R.T. -0.000 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

Tgt Ion:180 Resp: 387453  
Ion Ratio Lower Upper  
180 100  
182 95.1 77.9 116.9  
145 34.0 24.7 37.1

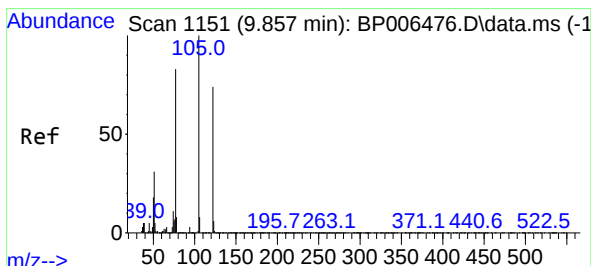
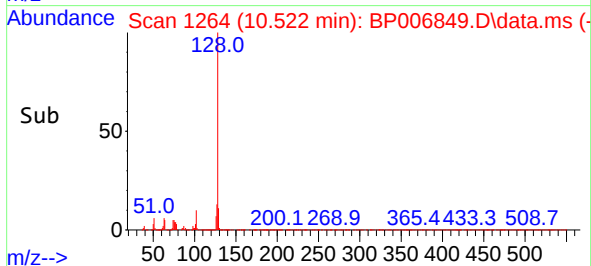
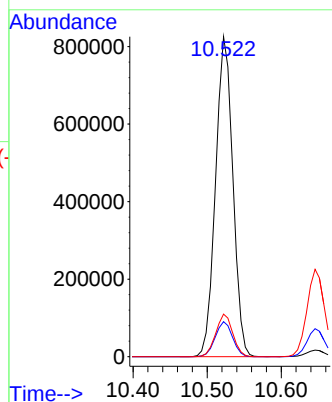
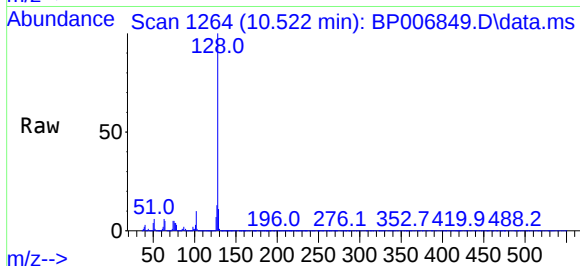




#31  
Naphthalene  
Concen: 41.481 ng  
RT: 10.522 min Scan# 1264  
Delta R.T. -0.006 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

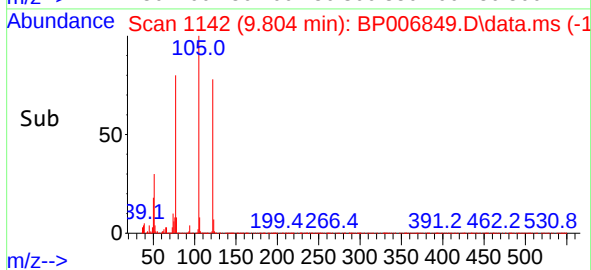
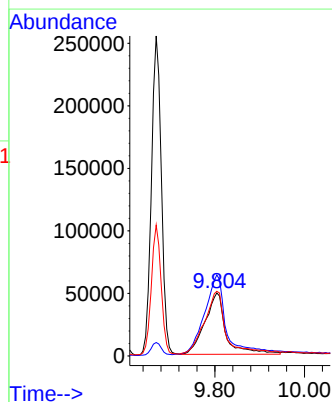
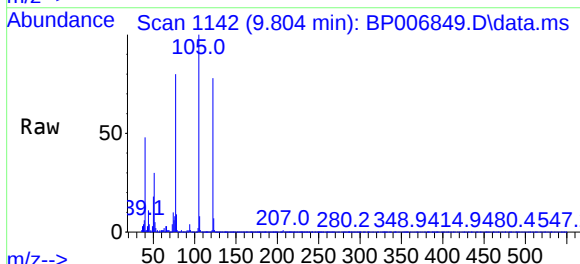
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BNA\_P  
ClientSampleId :  
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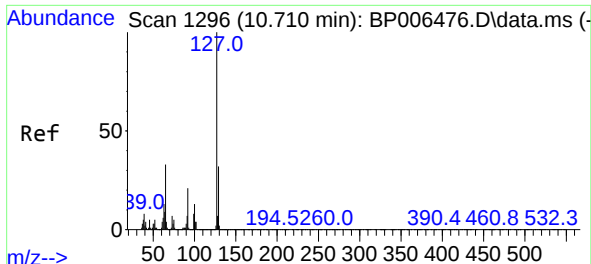
Tgt Ion:128 Resp: 1336699  
Ion Ratio Lower Upper  
128 100  
129 11.0 9.0 13.6  
127 13.3 10.7 16.1



#32  
Benzoic acid  
Concen: 25.263 ng  
RT: 9.804 min Scan# 1142  
Delta R.T. -0.035 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

Tgt Ion:122 Resp: 160853  
Ion Ratio Lower Upper  
122 100  
105 128.5 103.2 143.2  
77 102.6 76.2 116.2



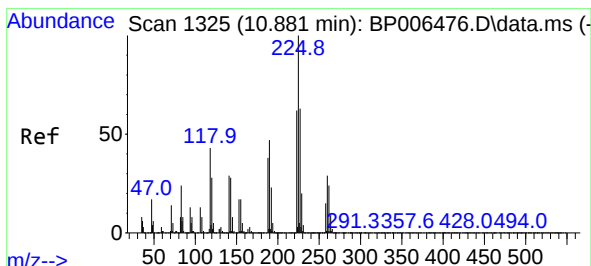
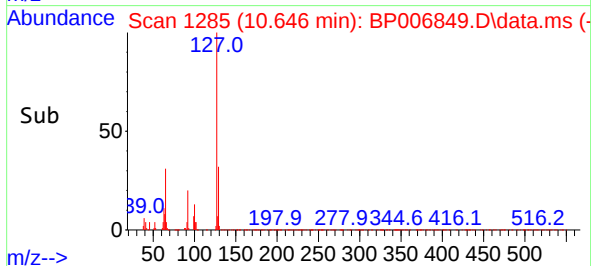
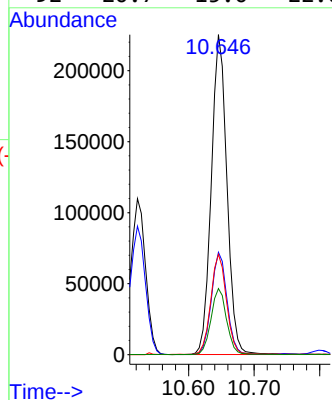
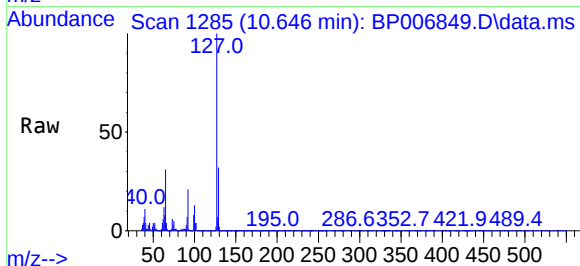


#33  
4-Chloroaniline  
Concen: 28.606 ng  
RT: 10.646 min Scan# 1285  
Delta R.T. -0.000 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

Instrument :  
BNA\_P  
ClientSampleId :  
DRILL-CUTTINGMSD

Tgt Ion:127 Resp: 373026

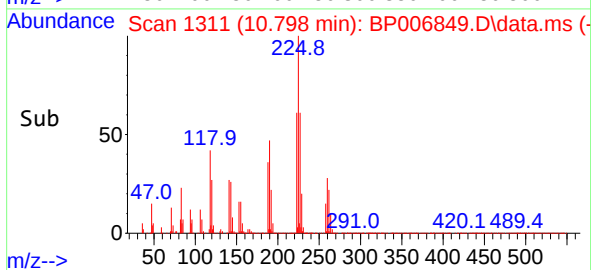
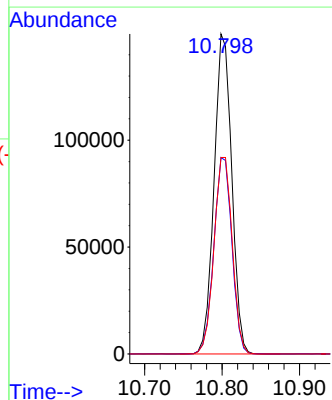
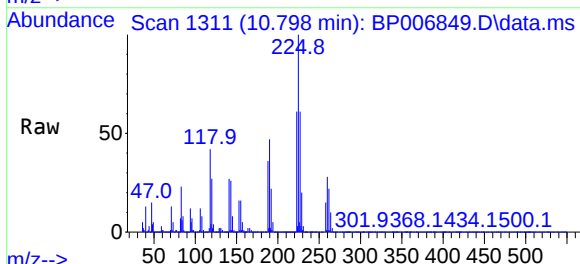
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 127 | 100   |       |       |
| 129 | 32.0  | 26.1  | 39.1  |
| 65  | 31.4  | 22.5  | 33.7  |
| 92  | 20.7  | 15.0  | 22.6  |

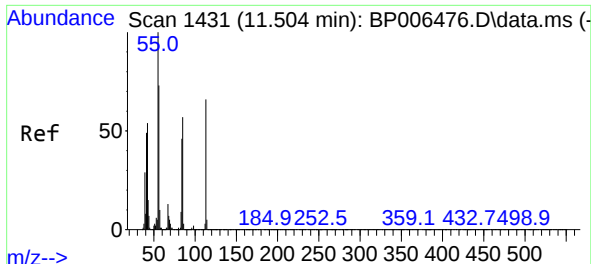


#34  
Hexachlorobutadiene  
Concen: 45.298 ng  
RT: 10.798 min Scan# 1311  
Delta R.T. -0.006 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

Tgt Ion:225 Resp: 236354

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 225 | 100   |       |       |
| 223 | 61.4  | 51.0  | 76.6  |
| 227 | 61.4  | 51.4  | 77.2  |

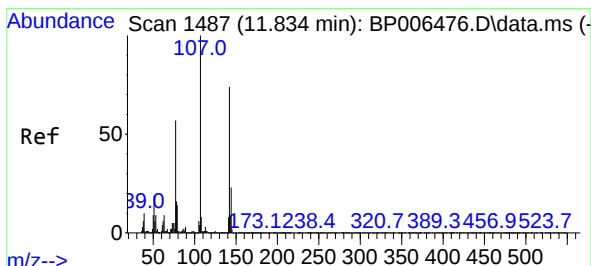
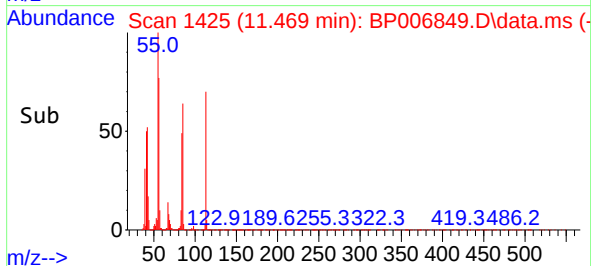
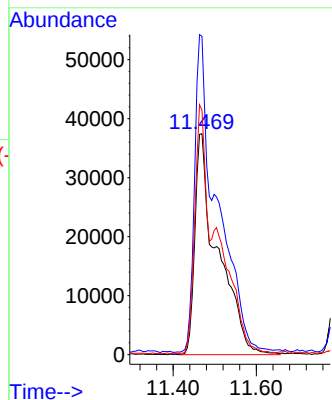
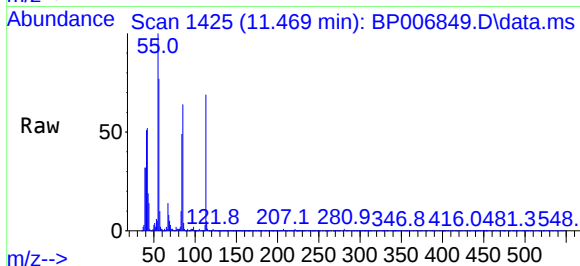




#35  
Caprolactam  
Concen: 47.141 ng  
RT: 11.469 min Scan# 1425  
Delta R.T. -0.000 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

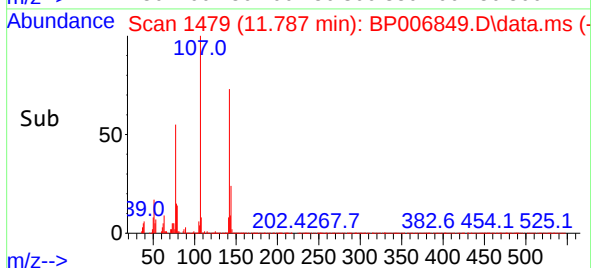
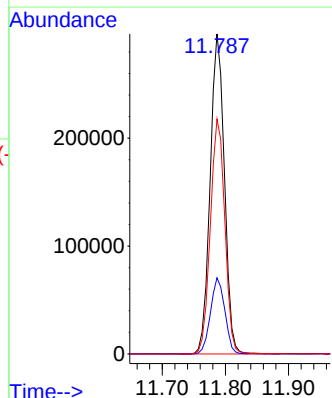
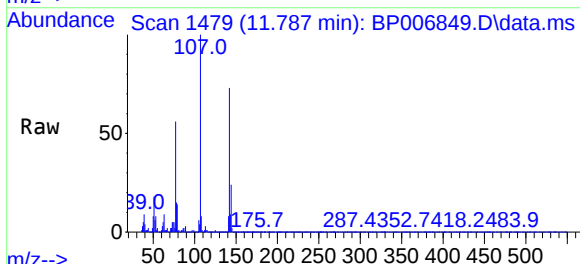
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ClientSampleId :  
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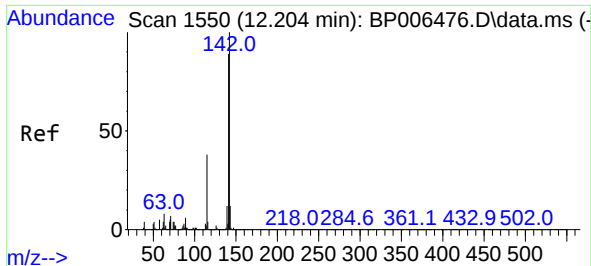
Tgt Ion:113 Resp: 141641  
Ion Ratio Lower Upper  
113 100  
55 144.0 98.9 138.9#  
56 110.7 71.7 111.7



#36  
4-Chloro-3-methylphenol  
Concen: 43.911 ng  
RT: 11.787 min Scan# 1479  
Delta R.T. -0.006 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

Tgt Ion:107 Resp: 464884  
Ion Ratio Lower Upper  
107 100  
144 23.8 21.1 31.7  
142 73.4 66.0 99.0

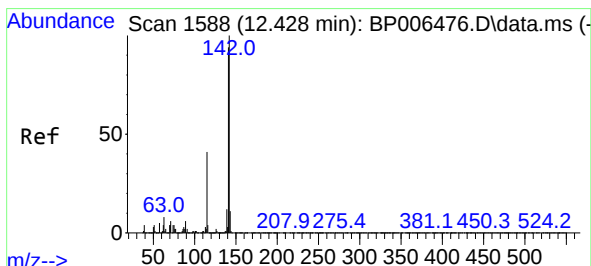
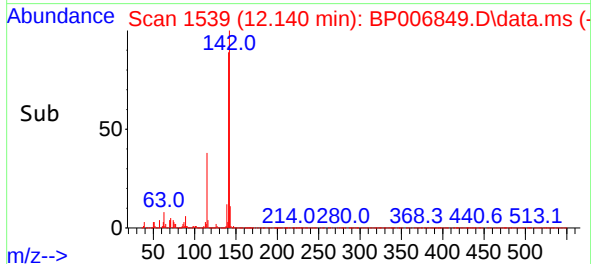
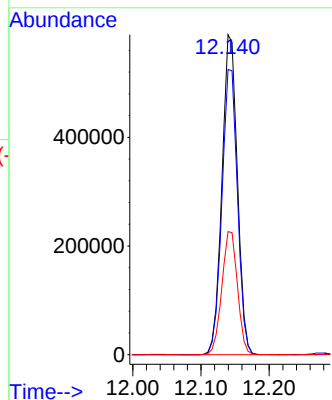
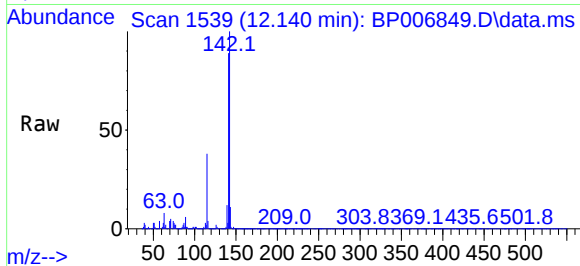




#37  
2-Methylnaphthalene  
Concen: 42.368 ng  
RT: 12.140 min Scan# 1539  
Delta R.T. -0.006 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

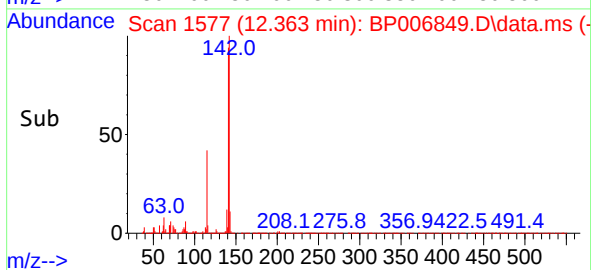
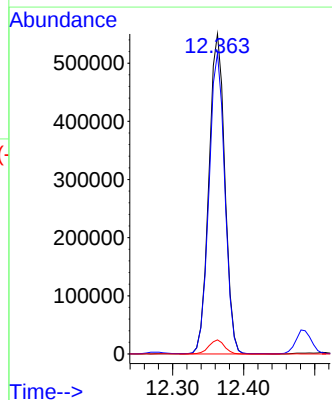
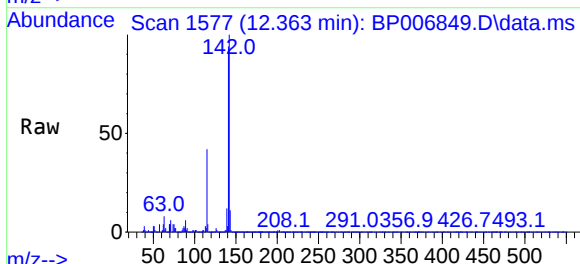
Instrument :  
BNA\_P  
ClientSampleId :  
DRILL-CUTTINGMSD

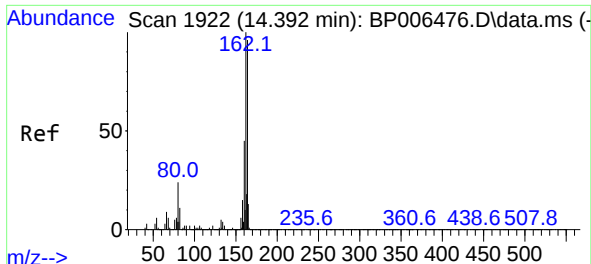
Tgt Ion:142 Resp: 925131  
Ion Ratio Lower Upper  
142 100  
141 89.1 71.8 107.6  
115 38.5 31.6 47.4



#38  
1-Methylnaphthalene  
Concen: 41.234 ng  
RT: 12.363 min Scan# 1577  
Delta R.T. -0.006 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

Tgt Ion:142 Resp: 855630  
Ion Ratio Lower Upper  
142 100  
141 94.0 73.3 109.9  
116 4.4 3.5 5.3

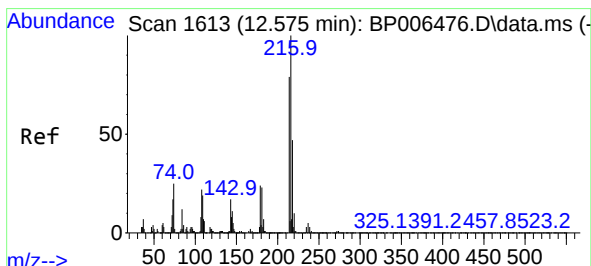
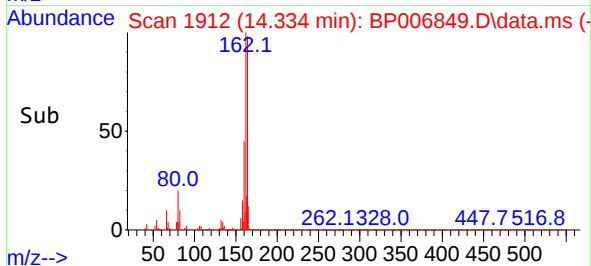
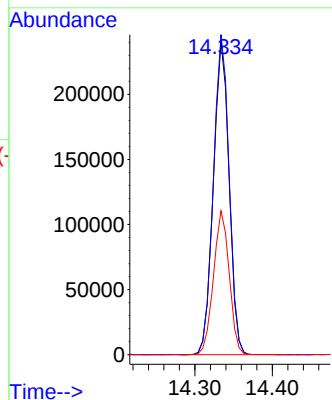
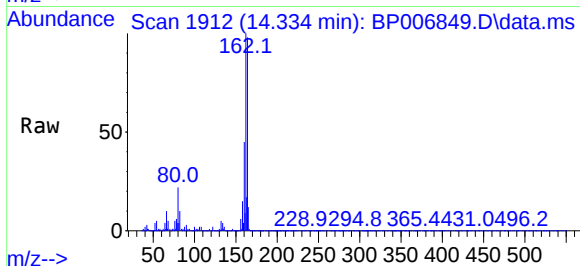




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.334 min Scan# 1912  
Delta R.T. -0.006 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

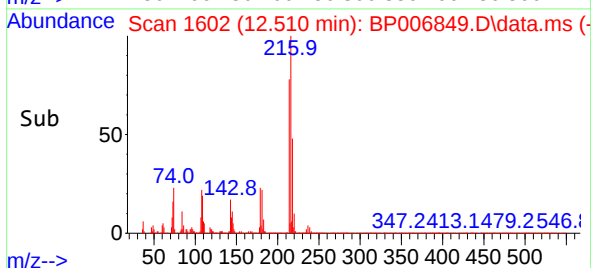
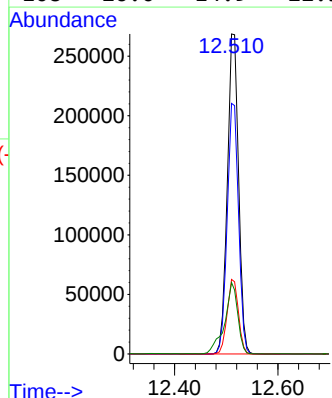
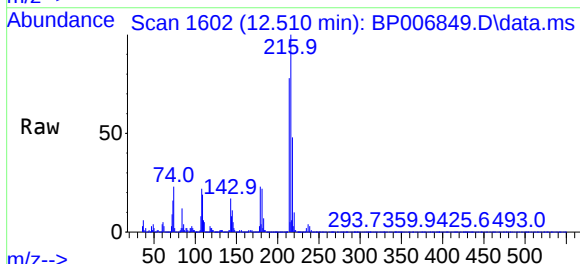
Instrument :  
BNA\_P  
ClientSampleId :  
DRILL-CUTTINGMSD

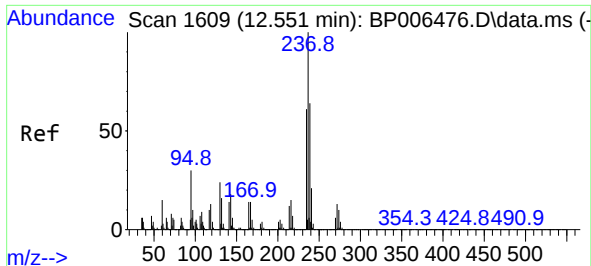
Tgt Ion:164 Resp: 338582  
Ion Ratio Lower Upper  
164 100  
162 102.3 80.2 120.2  
160 46.0 34.5 51.7



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 45.723 ng  
RT: 12.510 min Scan# 1602  
Delta R.T. -0.006 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

Tgt Ion:216 Resp: 405179  
Ion Ratio Lower Upper  
216 100  
214 78.9 61.9 92.9  
179 23.3 16.8 25.2  
108 26.0 14.9 22.3#



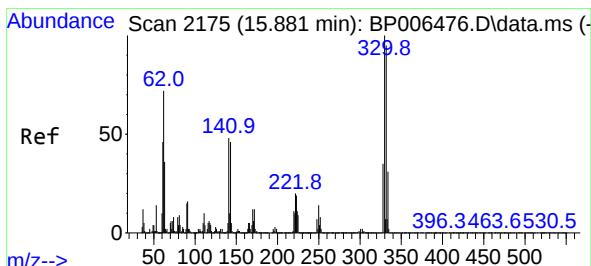
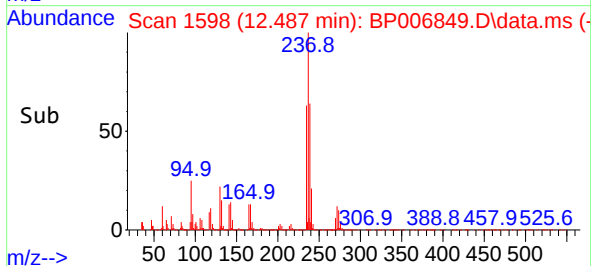
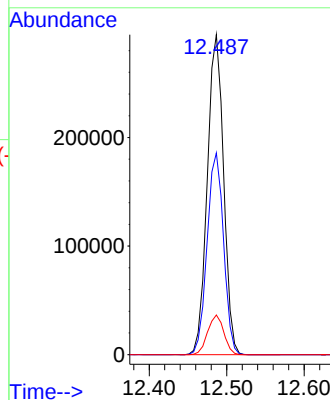
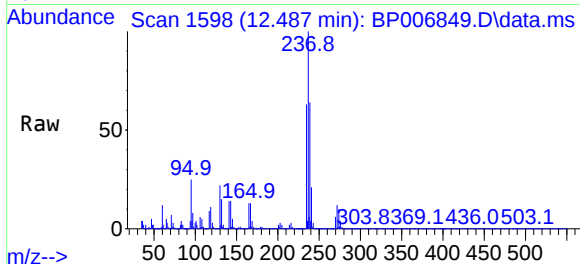


#41  
Hexachlorocyclopentadiene  
Concen: 91.500 ng  
RT: 12.487 min Scan# 1598  
Delta R.T. -0.000 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

Instrument :  
BNA\_P  
ClientSampleId :  
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Tgt Ion:237 Resp: 430049

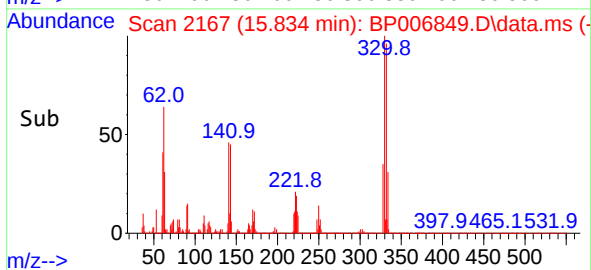
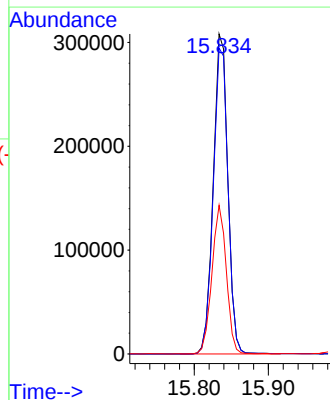
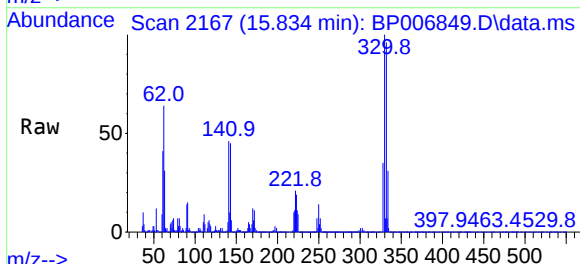
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 237 | 100   |       |       |
| 235 | 63.1  | 44.5  | 84.5  |
| 272 | 12.4  | 0.0   | 32.5  |

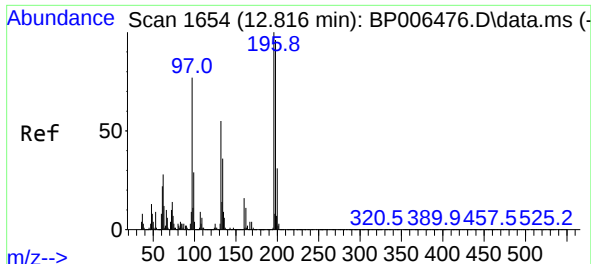


#42  
2,4,6-Tribromophenol  
Concen: 118.633 ng  
RT: 15.834 min Scan# 2167  
Delta R.T. -0.012 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

Tgt Ion:330 Resp: 419789

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 330 | 100   |       |       |
| 332 | 97.3  | 77.8  | 116.8 |
| 141 | 46.0  | 25.4  | 38.2  |

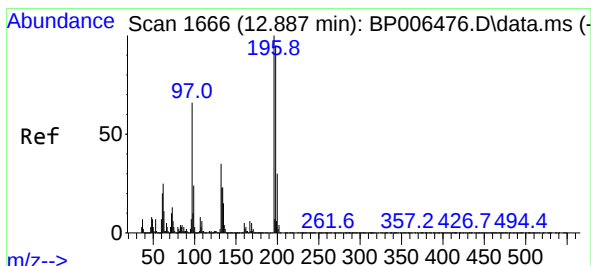
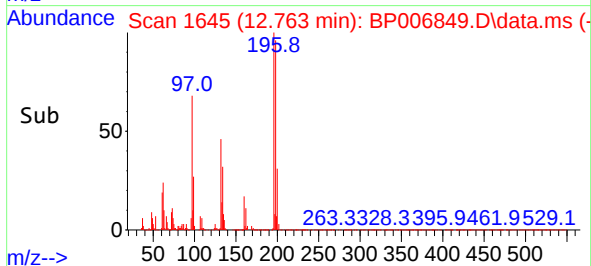
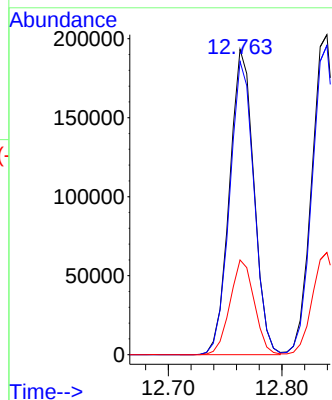
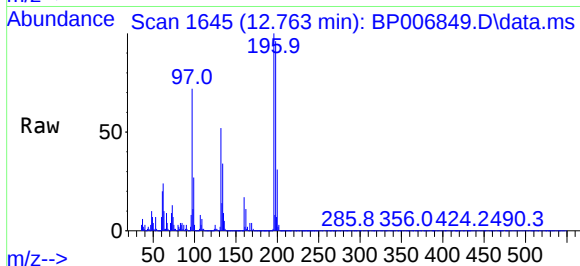




#43  
2,4,6-Trichlorophenol  
Concen: 47.570 ng  
RT: 12.763 min Scan# 1645  
Delta R.T. -0.006 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

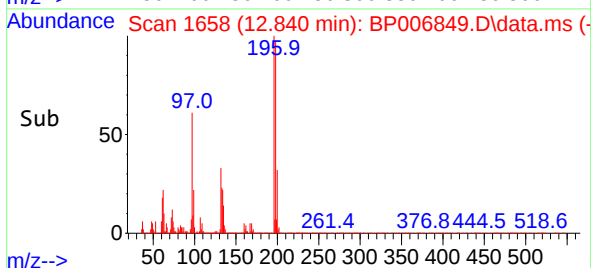
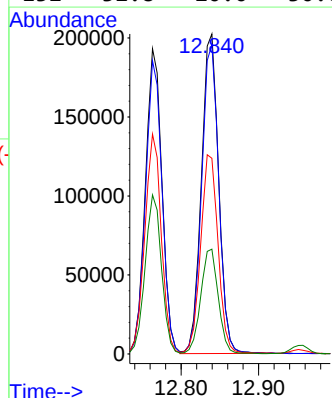
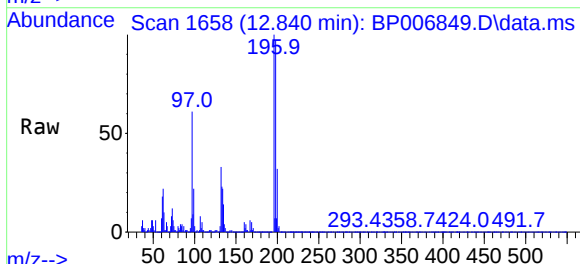
Instrument :  
BNA\_P  
ClientSampleId :  
DRILL-CUTTINGMSD

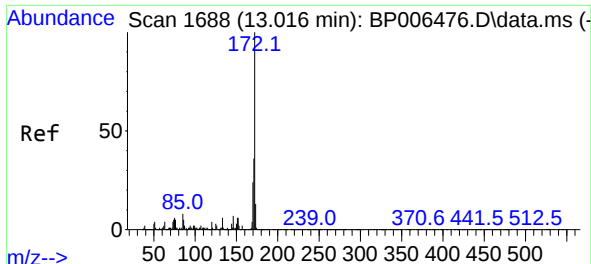
Tgt Ion:196 Resp: 287838  
Ion Ratio Lower Upper  
196 100  
198 96.1 79.5 119.3  
200 31.0 25.0 37.6



#44  
2,4,5-Trichlorophenol  
Concen: 46.747 ng  
RT: 12.840 min Scan# 1658  
Delta R.T. -0.000 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

Tgt Ion:196 Resp: 313103  
Ion Ratio Lower Upper  
196 100  
198 96.7 74.7 112.1  
97 61.2 37.4 56.0#  
132 32.8 20.0 30.0#

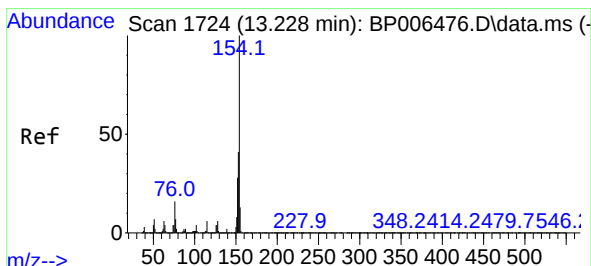
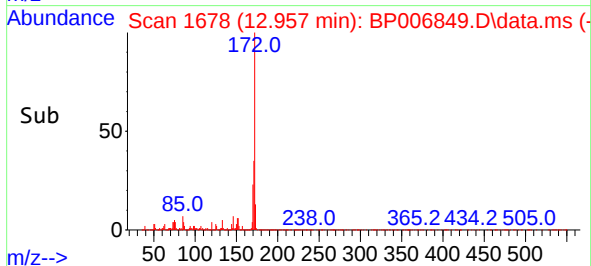
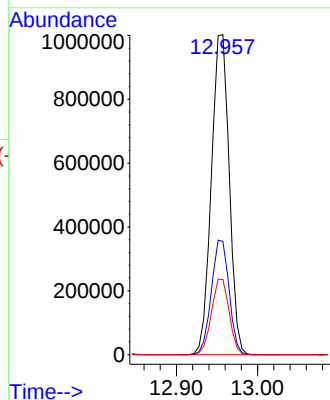
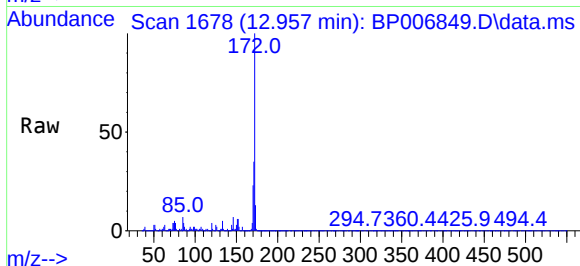




#45  
2-Fluorobiphenyl  
Concen: 67.568 ng  
RT: 12.957 min Scan# 1678  
Delta R.T. -0.000 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

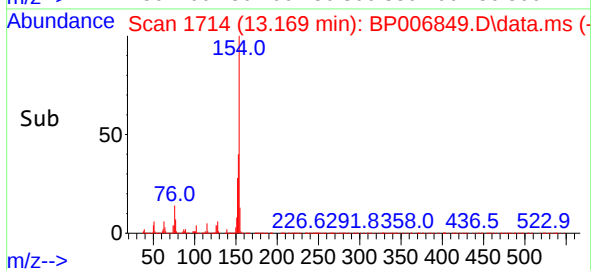
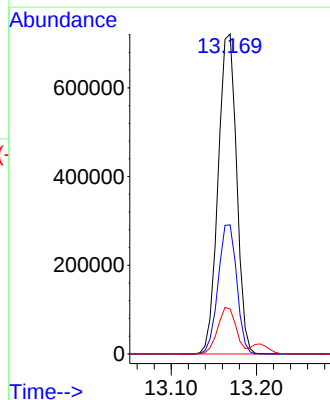
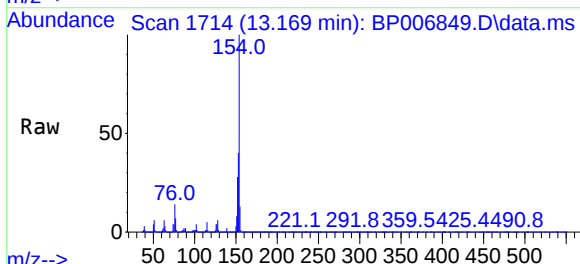
Instrument :  
BNA\_P  
ClientSampleId :  
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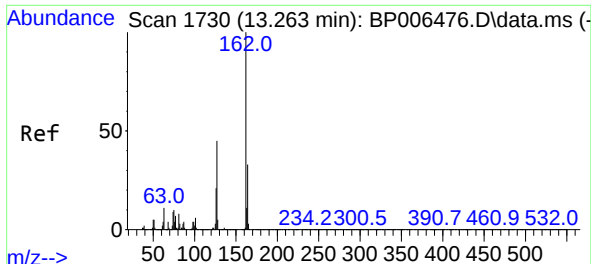
Tgt Ion:172 Resp: 1529091  
Ion Ratio Lower Upper  
172 100  
171 35.4 27.9 41.9  
170 23.5 18.6 27.8



#46  
1,1'-Biphenyl  
Concen: 42.396 ng  
RT: 13.169 min Scan# 1714  
Delta R.T. -0.000 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

Tgt Ion:154 Resp: 1086515  
Ion Ratio Lower Upper  
154 100  
153 40.3 20.4 60.4  
76 14.0 0.0 30.8

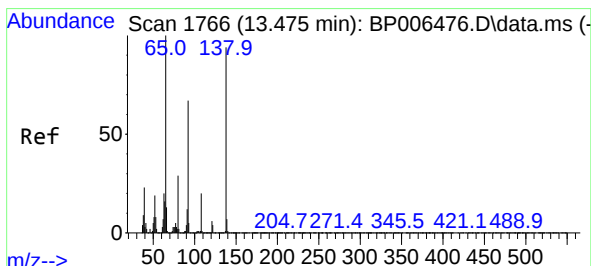
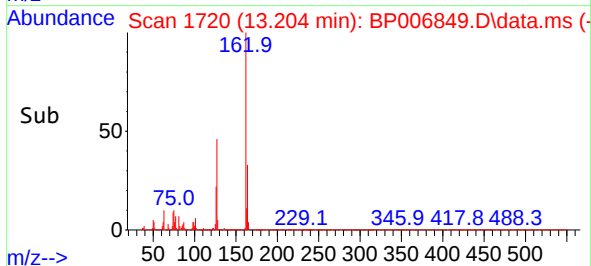
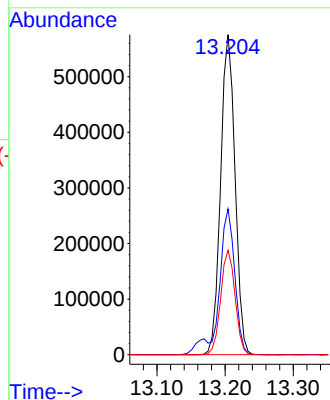
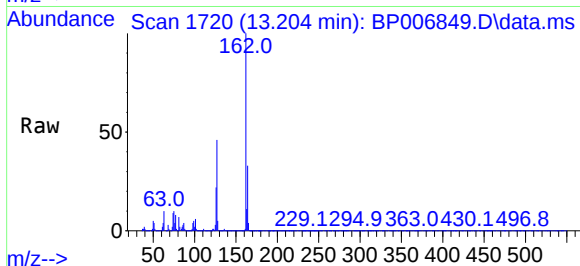




#47  
2-Chloronaphthalene  
Concen: 42.986 ng  
RT: 13.204 min Scan# 1720  
Delta R.T. -0.006 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

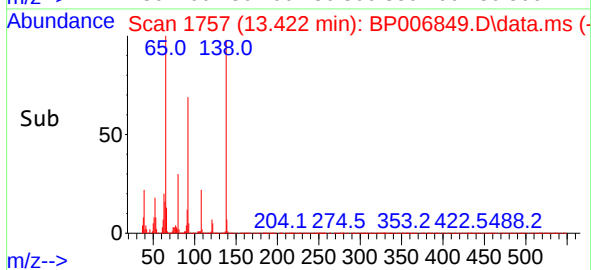
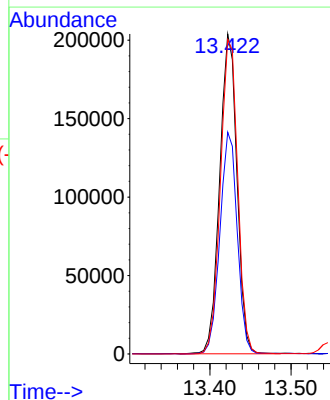
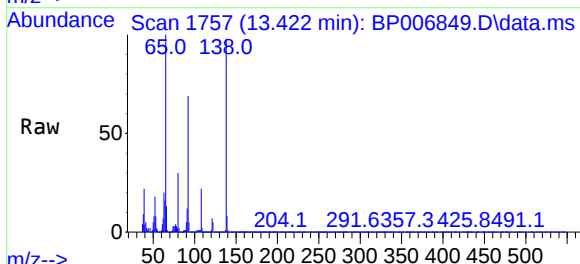
Instrument :  
BNA\_P  
ClientSampleId :  
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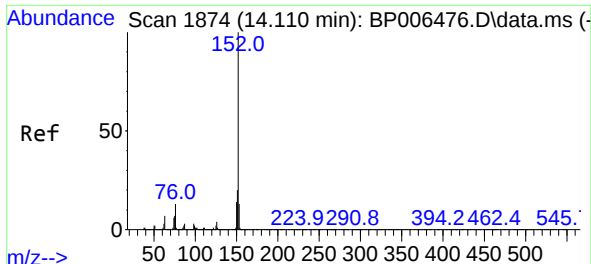
Tgt Ion:162 Resp: 848342  
Ion Ratio Lower Upper  
162 100  
127 45.5 31.4 47.0  
164 32.6 26.6 39.8



#48  
2-Nitroaniline  
Concen: 43.347 ng  
RT: 13.422 min Scan# 1757  
Delta R.T. -0.006 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

Tgt Ion: 65 Resp: 301902  
Ion Ratio Lower Upper  
65 100  
92 69.3 57.7 86.5  
138 98.2 92.1 138.1

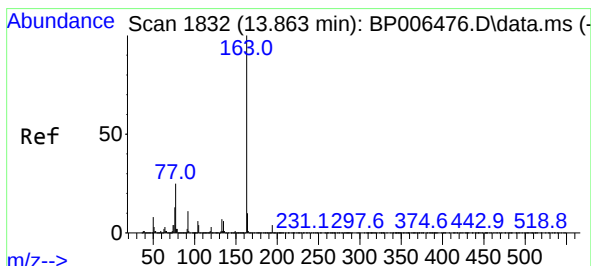
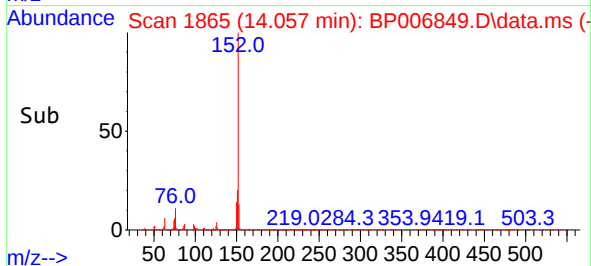
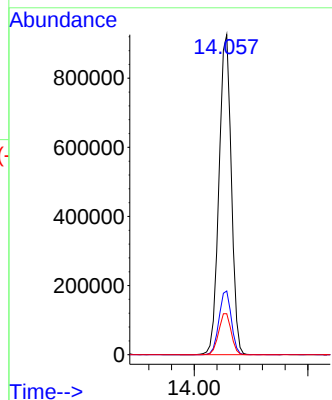
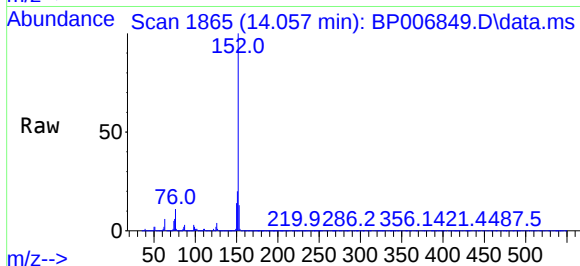




#49  
Acenaphthylene  
Concen: 43.697 ng  
RT: 14.057 min Scan# 1865  
Delta R.T. -0.000 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

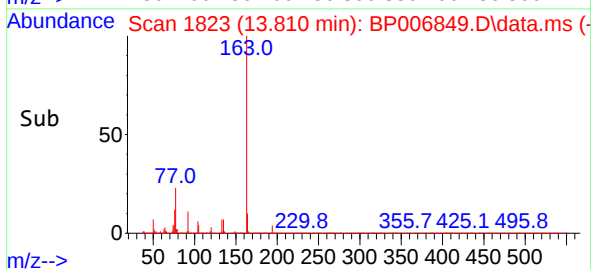
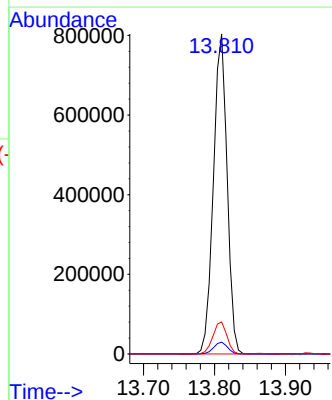
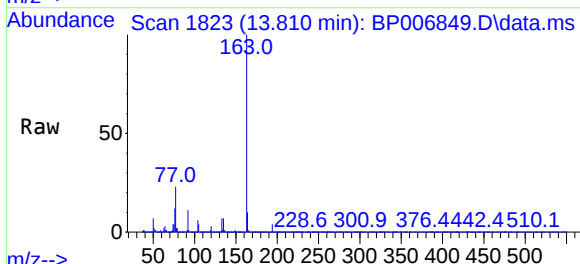
Instrument :  
BNA\_P  
ClientSampleId :  
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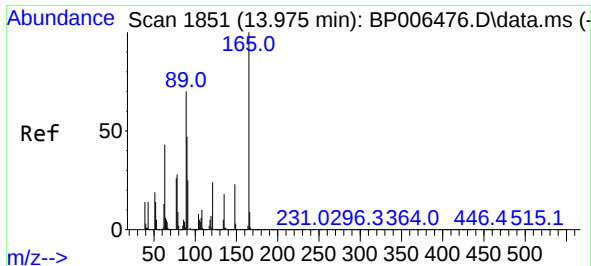
Tgt Ion:152 Resp: 1390528  
Ion Ratio Lower Upper  
152 100  
151 19.9 16.2 24.2  
153 12.8 10.6 16.0



#50  
Dimethylphthalate  
Concen: 43.573 ng  
RT: 13.810 min Scan# 1823  
Delta R.T. -0.006 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

Tgt Ion:163 Resp: 1073912  
Ion Ratio Lower Upper  
163 100  
194 3.7 3.4 5.2  
164 10.0 8.2 12.2

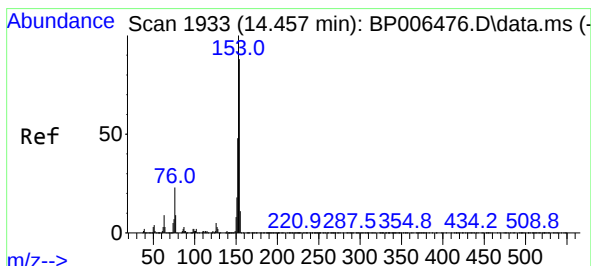
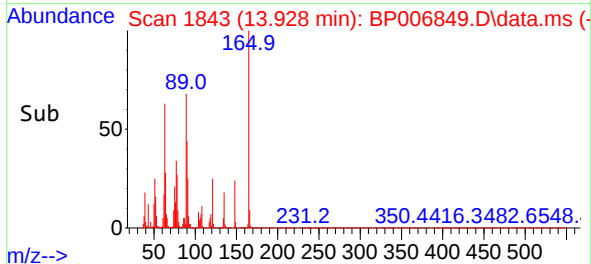
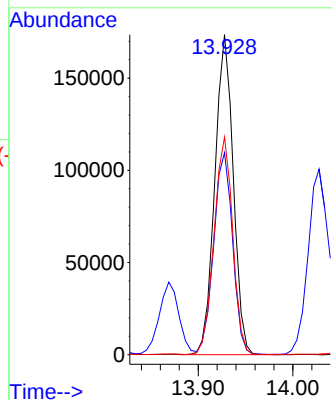
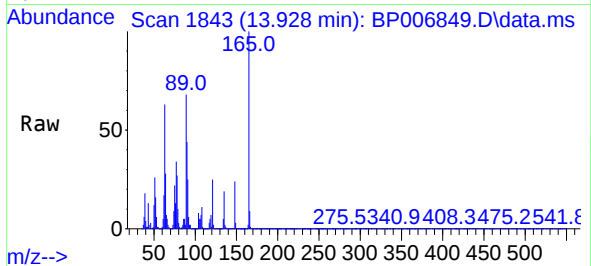




#51  
2,6-Dinitrotoluene  
Concen: 42.619 ng  
RT: 13.928 min Scan# 1843  
Delta R.T. -0.006 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

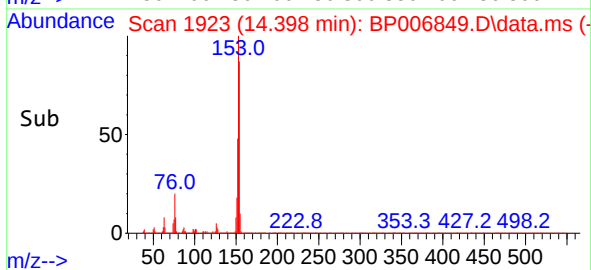
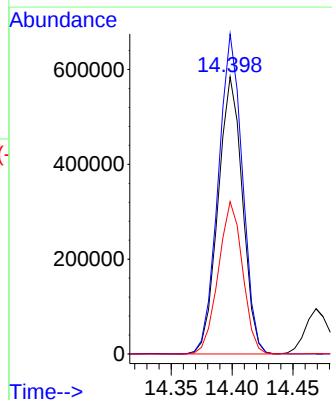
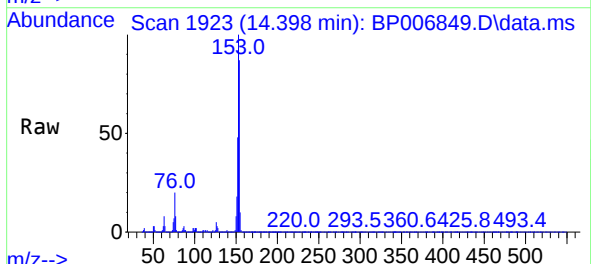
Instrument :  
BNA\_P  
ClientSampleId :  
DRILL-CUTTINGMSD

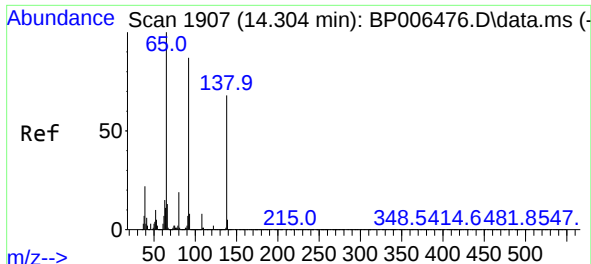
Tgt Ion:165 Resp: 234388  
Ion Ratio Lower Upper  
165 100  
63 63.1 41.3 61.9#  
89 68.0 44.8 67.2#



#52  
Acenaphthene  
Concen: 42.114 ng  
RT: 14.398 min Scan# 1923  
Delta R.T. -0.006 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

Tgt Ion:154 Resp: 815626  
Ion Ratio Lower Upper  
154 100  
153 115.5 89.4 134.2  
152 55.0 43.0 64.4

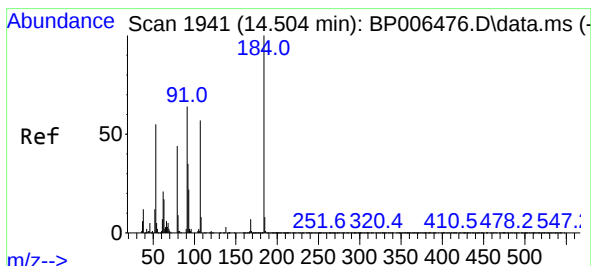
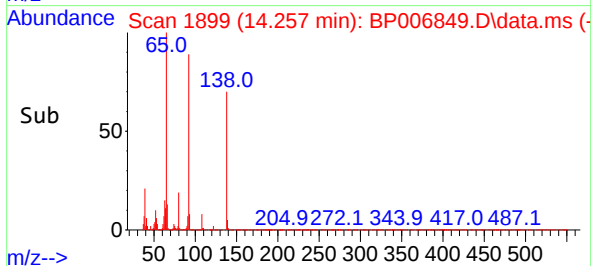
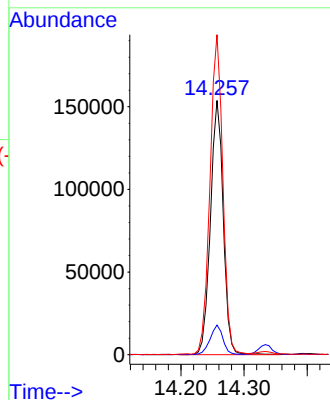
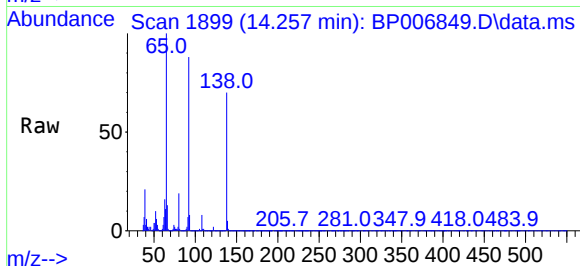




#53  
3-Nitroaniline  
Concen: 35.377 ng  
RT: 14.257 min Scan# 1899  
Delta R.T. -0.006 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

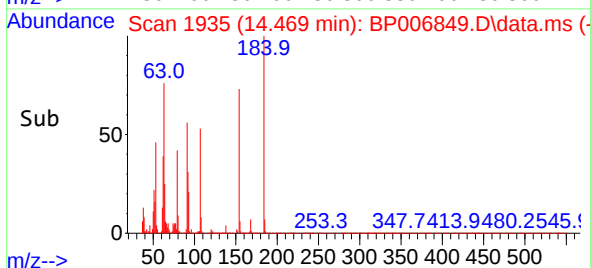
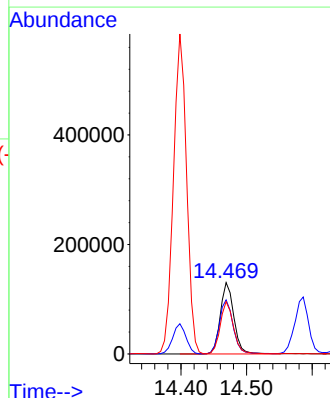
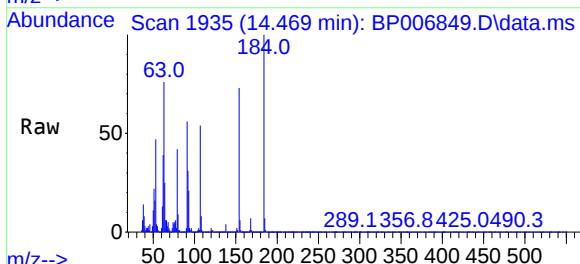
Instrument :  
BNA\_P  
ClientSampleId :  
DRILL-CUTTINGMSD

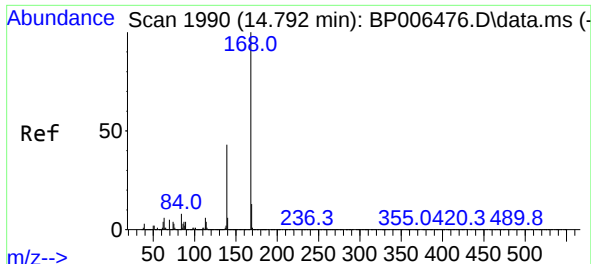
Tgt Ion:138 Resp: 215690  
Ion Ratio Lower Upper  
138 100  
108 11.6 8.4 12.6  
92 125.8 87.8 131.8



#54  
2,4-Dinitrophenol  
Concen: 64.483 ng  
RT: 14.469 min Scan# 1935  
Delta R.T. -0.006 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

Tgt Ion:184 Resp: 185449  
Ion Ratio Lower Upper  
184 100  
63 75.9 47.0 70.6#  
154 73.2 52.3 78.5

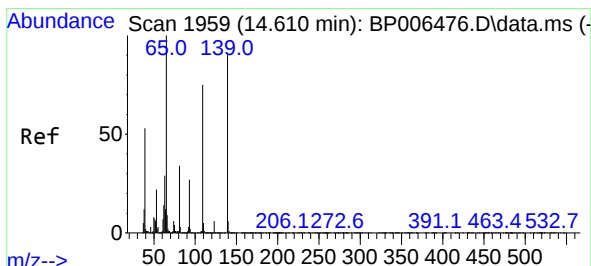
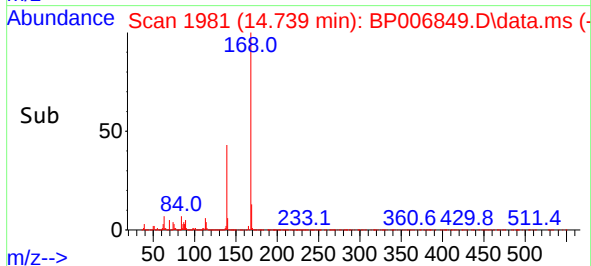
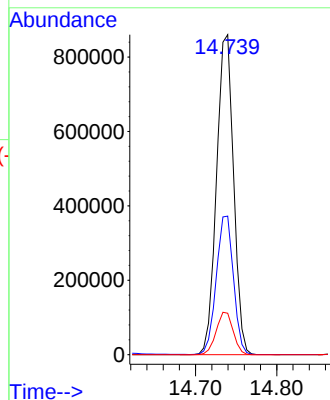
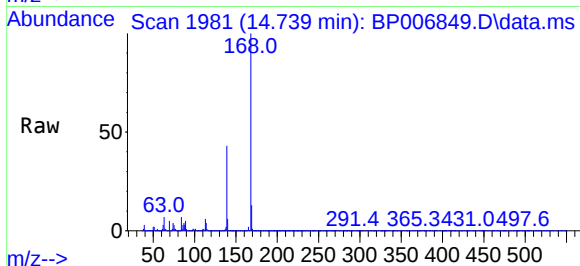




#55  
Dibenzenofuran  
Concen: 41.257 ng  
RT: 14.739 min Scan# 1981  
Delta R.T. -0.000 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

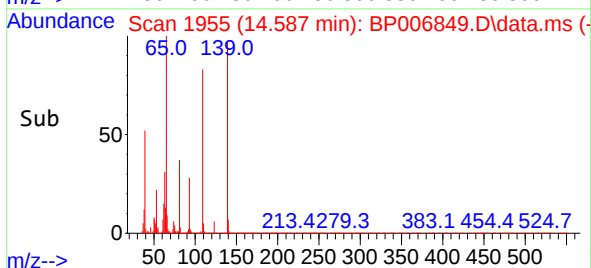
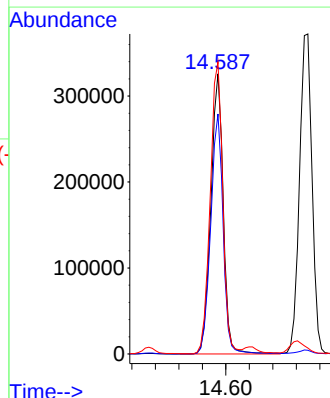
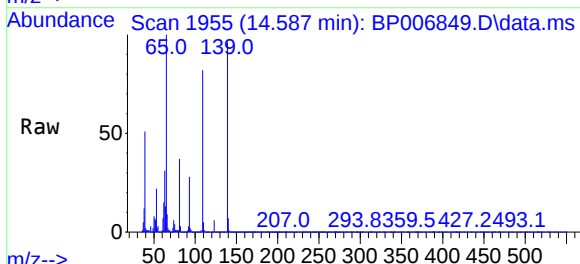
Instrument :  
BNA\_P  
ClientSampleId :  
DRILL-CUTTINGMSD

Tgt Ion:168 Resp: 1256813  
Ion Ratio Lower Upper  
168 100  
139 43.3 31.0 46.6  
169 12.9 10.8 16.2



#56  
4-Nitrophenol  
Concen: 89.913 ng  
RT: 14.587 min Scan# 1955  
Delta R.T. -0.000 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

Tgt Ion:139 Resp: 475996  
Ion Ratio Lower Upper  
139 100  
109 85.6 72.3 112.3  
65 104.1 72.5 112.5



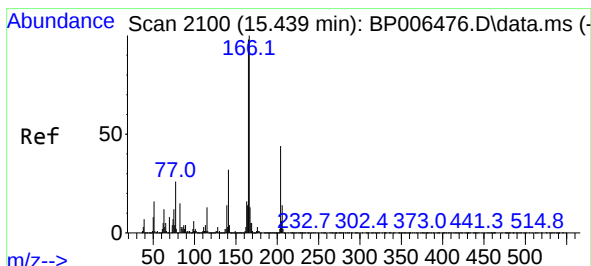
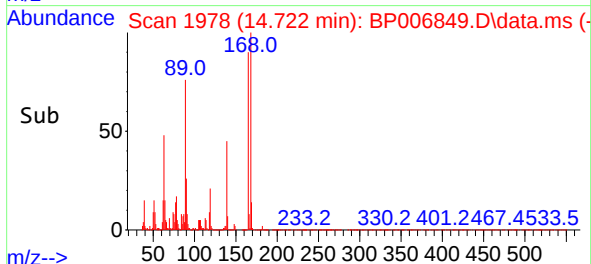
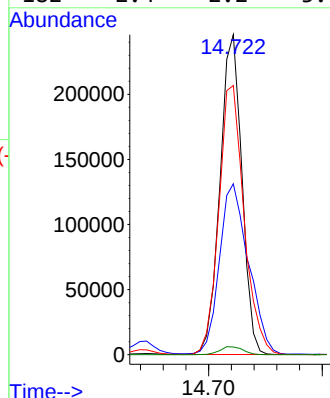
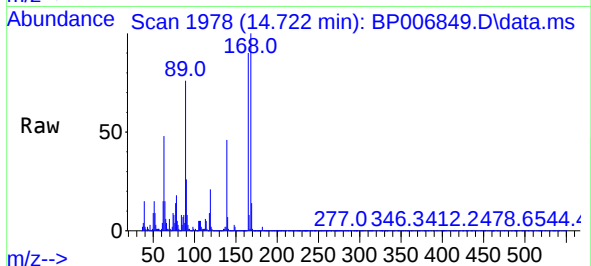


#57  
2,4-Dinitrotoluene  
Concen: 44.597 ng  
RT: 14.722 min Scan# 1978  
Delta R.T. -0.006 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

Instrument :  
BNA\_P  
ClientSampleId :  
DRILL-CUTTINGMSD

Tgt Ion:165 Resp: 328922

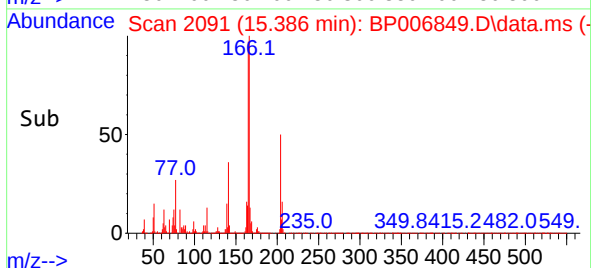
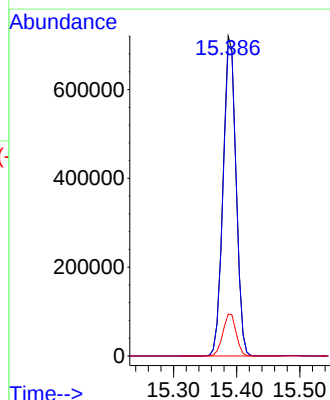
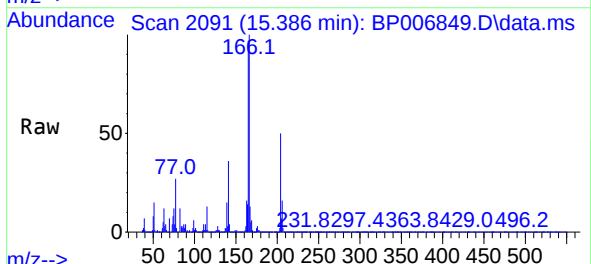
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 165 | 100   |       |       |
| 63  | 53.4  | 32.3  | 48.5# |
| 89  | 84.1  | 55.9  | 83.9# |
| 182 | 2.4   | 2.2   | 3.4   |

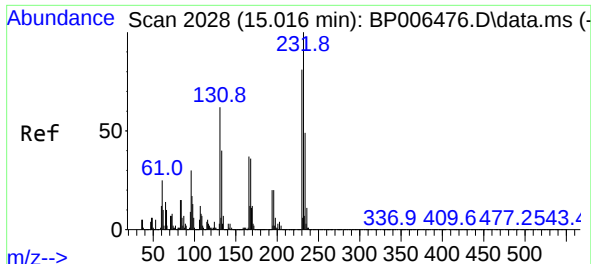


#58  
Fluorene  
Concen: 42.178 ng  
RT: 15.386 min Scan# 2091  
Delta R.T. -0.012 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

Tgt Ion:166 Resp: 1026999

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 166 | 100   |       |       |
| 165 | 97.2  | 78.0  | 117.0 |
| 167 | 13.1  | 10.5  | 15.7  |



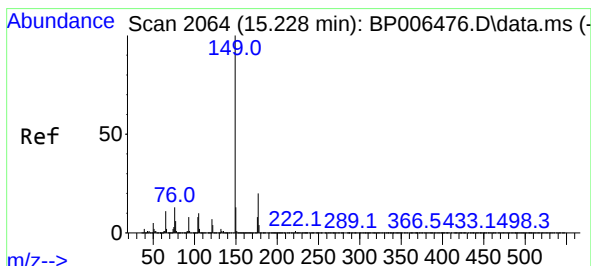
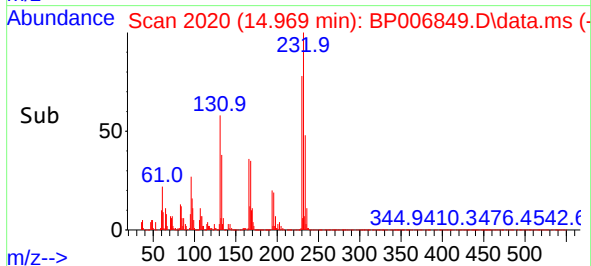
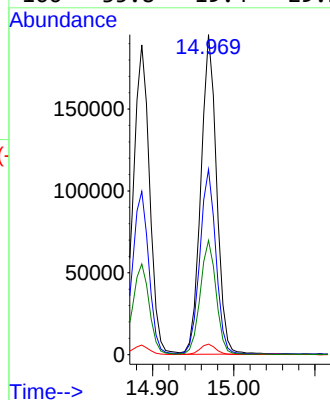
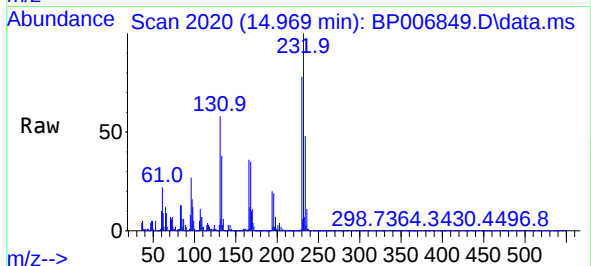


#59  
2,3,4,6-Tetrachlorophenol  
Concen: 46.836 ng  
RT: 14.969 min Scan# 2020  
Delta R.T. -0.006 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

Instrument :  
BNA\_P  
ClientSampleId :  
DRILL-CUTTINGMSD

Tgt Ion:232 Resp: 262891

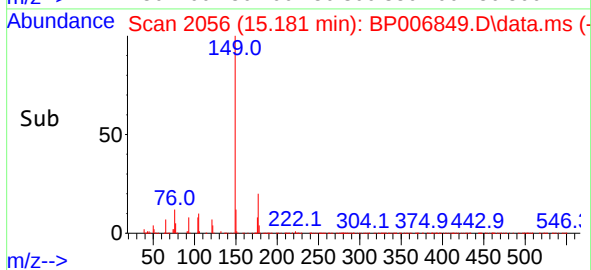
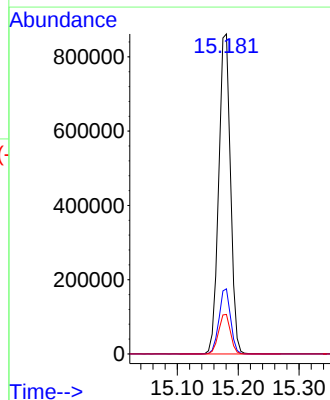
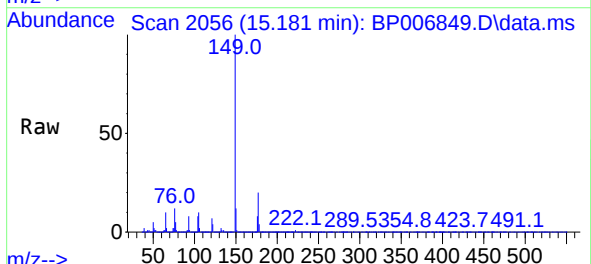
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 232 | 100   |       |       |
| 131 | 58.8  | 32.2  | 48.4# |
| 130 | 3.3   | 2.0   | 3.0#  |
| 166 | 35.8  | 19.4  | 29.2# |

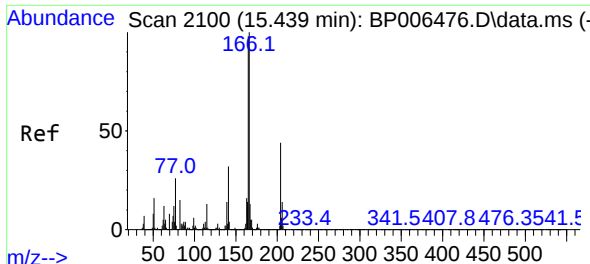


#60  
Diethylphthalate  
Concen: 44.520 ng  
RT: 15.181 min Scan# 2056  
Delta R.T. -0.000 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

Tgt Ion:149 Resp: 1152464

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 177 | 20.4  | 17.5  | 26.3  |
| 150 | 12.3  | 9.9   | 14.9  |

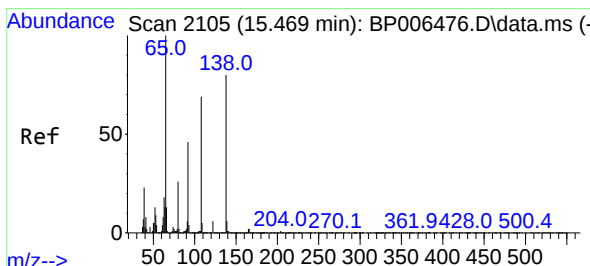
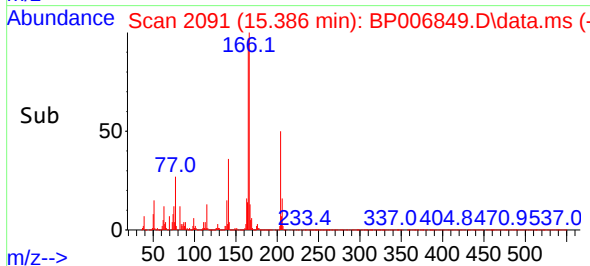
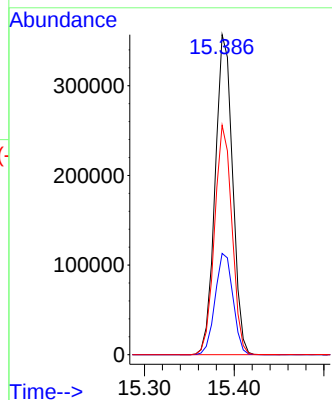
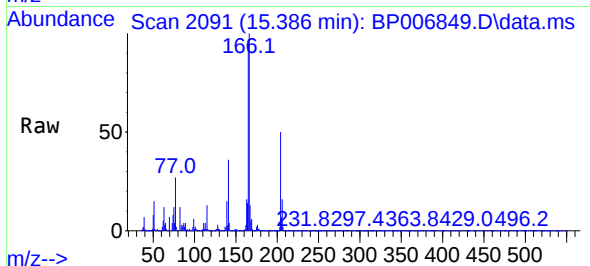




#61  
4-Chlorophenyl-phenylether  
Concen: 43.579 ng  
RT: 15.386 min Scan# 2091  
Delta R.T. -0.006 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

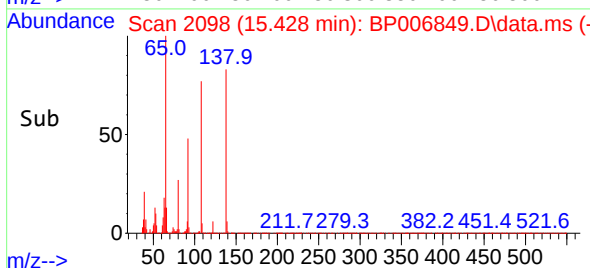
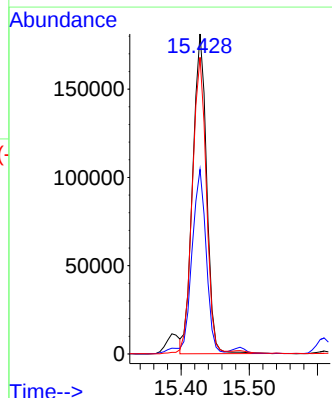
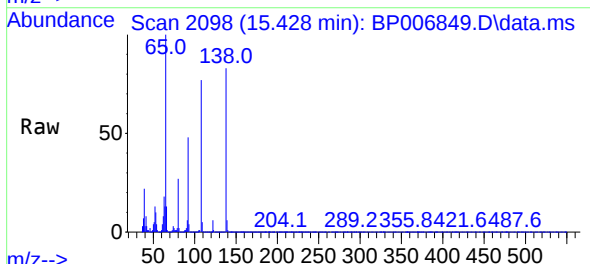
Instrument :  
BNA\_P  
ClientSampleId :  
DRILL-CUTTINGMSD

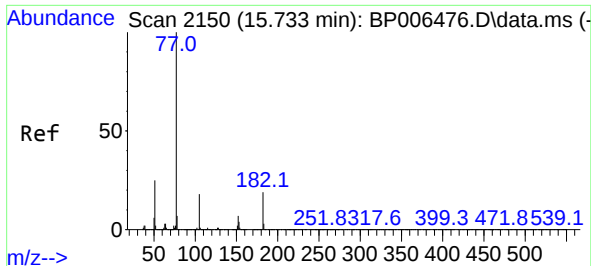
Tgt Ion:204 Resp: 480540  
Ion Ratio Lower Upper  
204 100  
206 31.7 26.6 40.0  
141 71.7 48.6 73.0



#62  
4-Nitroaniline  
Concen: 39.535 ng  
RT: 15.428 min Scan# 2098  
Delta R.T. -0.006 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

Tgt Ion:138 Resp: 255772  
Ion Ratio Lower Upper  
138 100  
92 57.7 31.2 71.2  
108 92.7 78.6 118.6



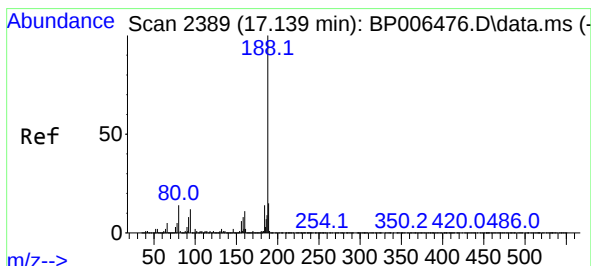
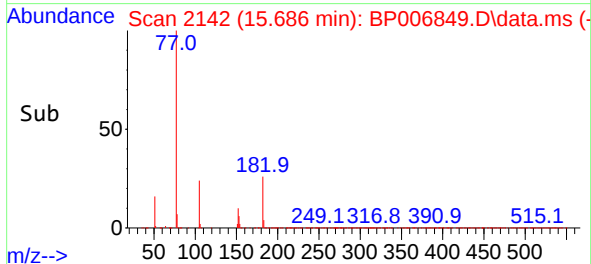
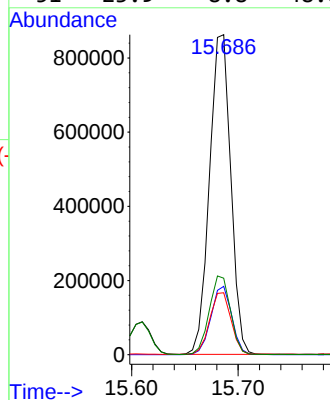
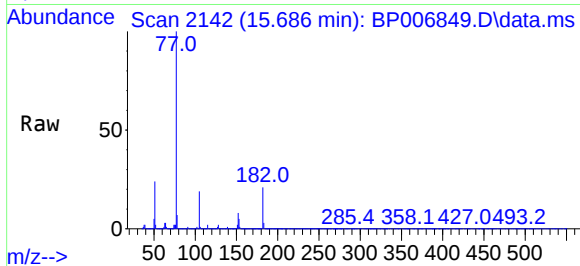


#63  
Azobenzene  
Concen: 39.580 ng  
RT: 15.686 min Scan# 2142  
Delta R.T. -0.006 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

Instrument :  
BNA\_P  
ClientSampleId :  
DRILL-CUTTINGMSD

Tgt Ion: 77 Resp: 1194562

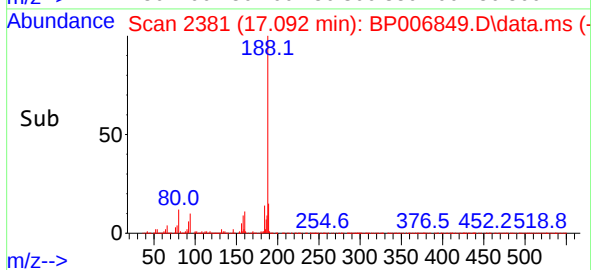
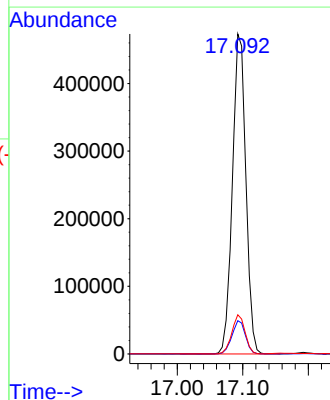
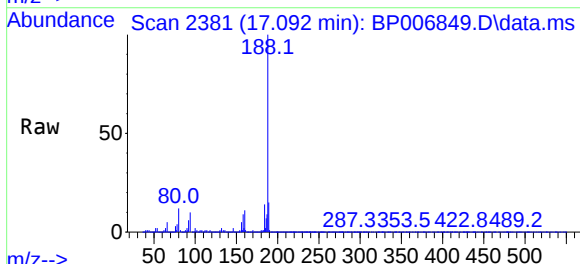
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 21.4  | 6.0   | 46.0  |
| 105 | 19.3  | 0.0   | 38.8  |
| 51  | 23.9  | 8.8   | 48.8  |

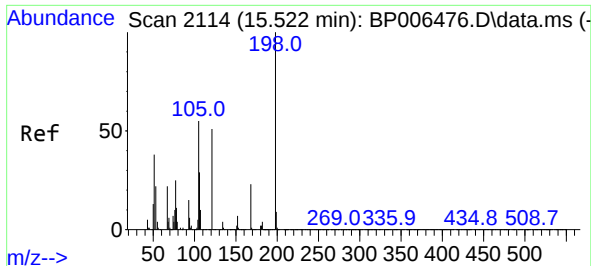


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.092 min Scan# 2381  
Delta R.T. -0.006 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

Tgt Ion: 188 Resp: 673573

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 10.4  | 5.6   | 8.4#  |
| 80  | 12.3  | 6.3   | 9.5#  |

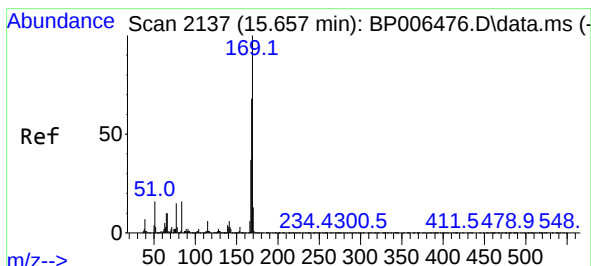
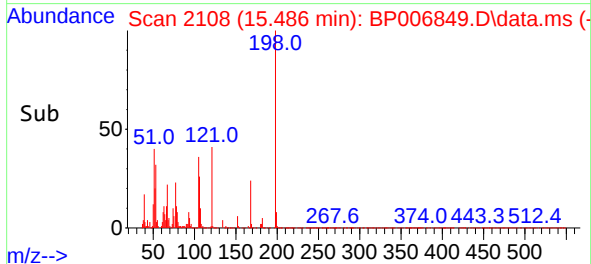
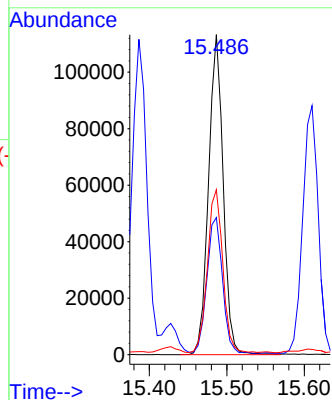
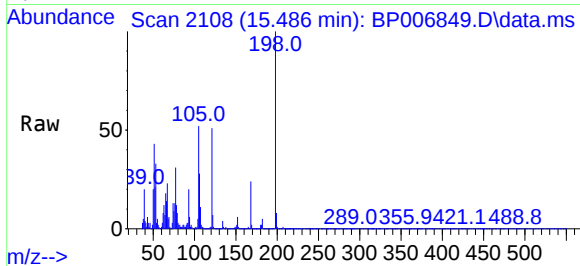




#65  
4,6-Dinitro-2-methylphenol  
Concen: 36.149 ng  
RT: 15.486 min Scan# 2108  
Delta R.T. -0.006 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

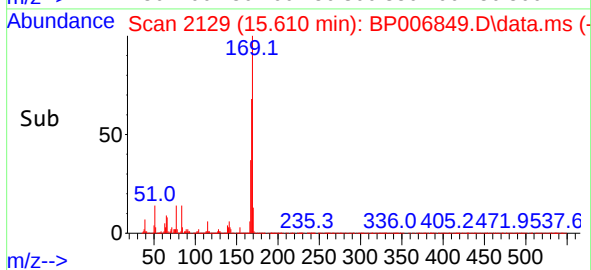
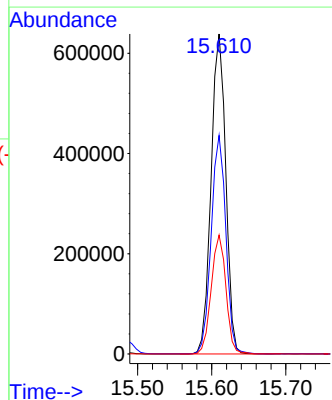
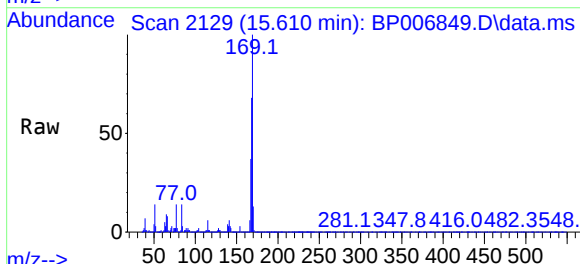
Instrument :  
BNA\_P  
ClientSampleId :  
DRILL-CUTTINGMSD

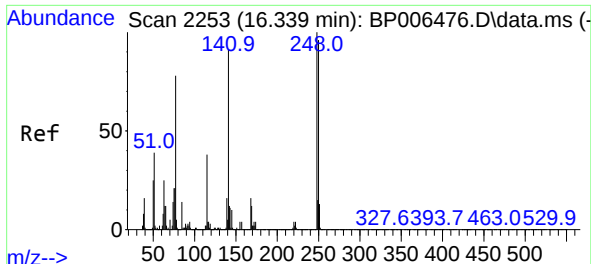
Tgt Ion:198 Resp: 148777  
Ion Ratio Lower Upper  
198 100  
51 42.9 14.0 54.0  
105 51.6 19.5 59.5



#66  
n-Nitrosodiphenylamine  
Concen: 41.380 ng  
RT: 15.610 min Scan# 2129  
Delta R.T. -0.006 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

Tgt Ion:169 Resp: 876077  
Ion Ratio Lower Upper  
169 100  
168 68.3 54.4 81.6  
167 37.1 29.0 43.6

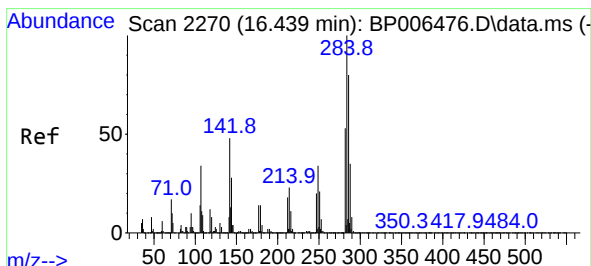
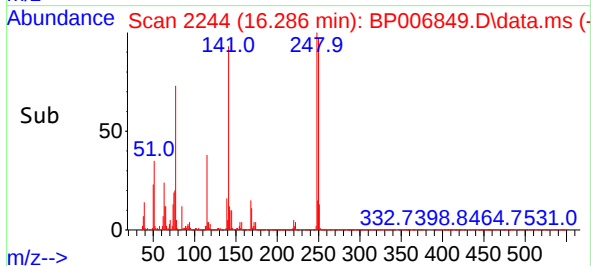
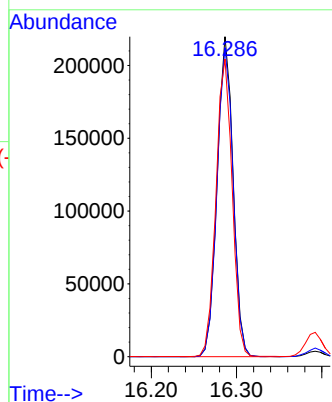
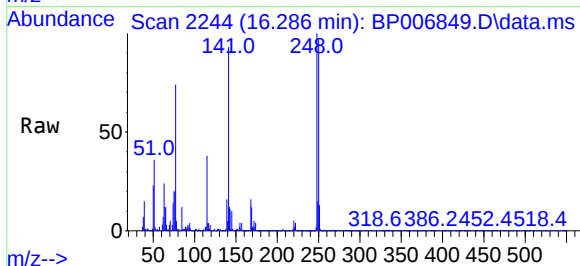




#67  
4-Bromophenyl-phenylether  
Concen: 44.261 ng  
RT: 16.286 min Scan# 2244  
Delta R.T. -0.006 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

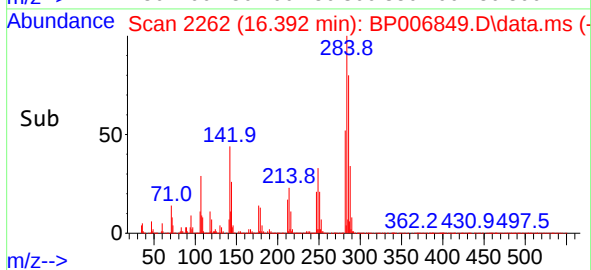
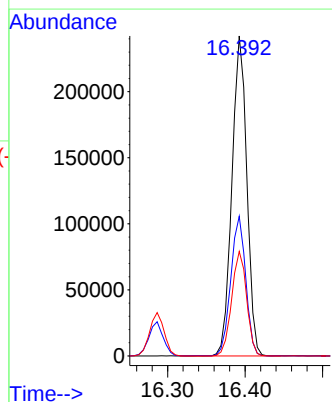
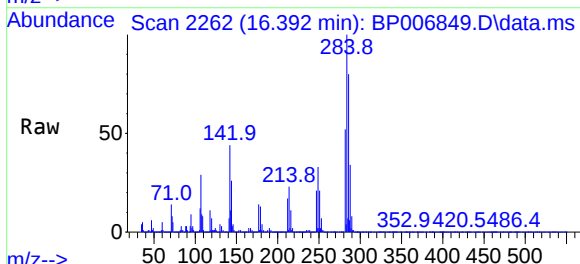
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BNA\_P  
ClientSampleId :  
DRILL-CUTTINGMSD

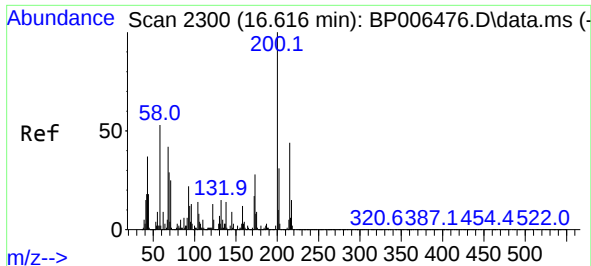
Tgt Ion:248 Resp: 286057  
Ion Ratio Lower Upper  
248 100  
250 96.6 79.8 119.8  
141 93.0 57.8 86.6#



#68  
Hexachlorobenzene  
Concen: 44.064 ng  
RT: 16.392 min Scan# 2262  
Delta R.T. -0.006 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

Tgt Ion:284 Resp: 324080  
Ion Ratio Lower Upper  
284 100  
142 43.6 26.9 40.3#  
249 32.7 24.5 36.7

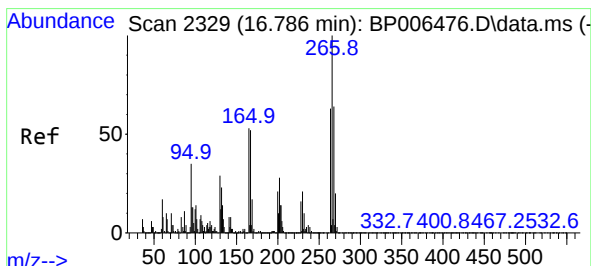
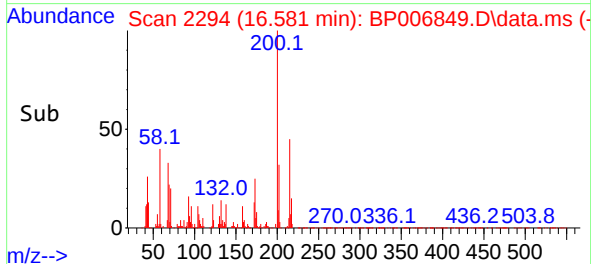
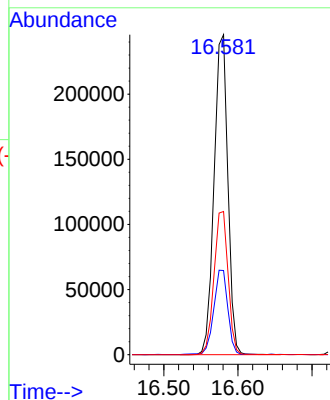
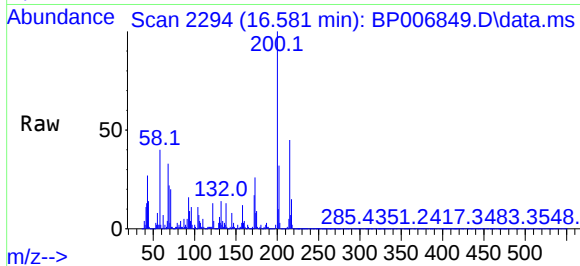




#69  
Atrazine  
Concen: 47.935 ng  
RT: 16.581 min Scan# 2294  
Delta R.T. -0.000 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

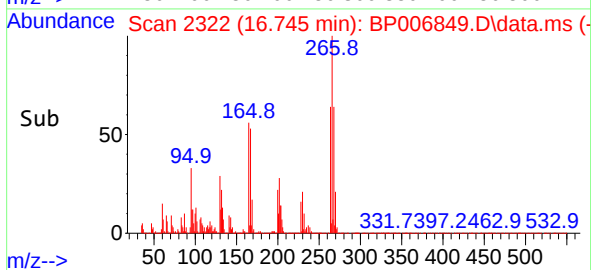
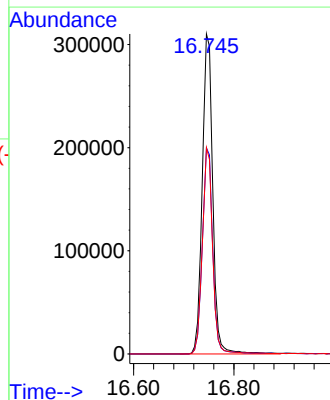
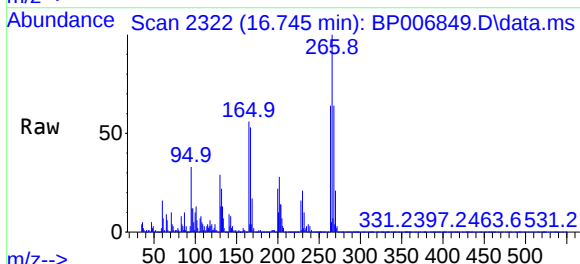
Instrument :  
BNA\_P  
ClientSampleId :  
DRILL-CUTTINGMSD

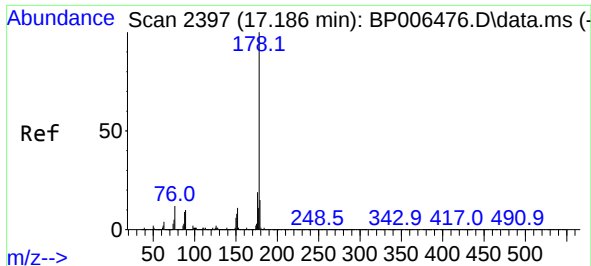
Tgt Ion:200 Resp: 316683  
Ion Ratio Lower Upper  
200 100  
173 26.3 4.1 44.1  
215 44.8 27.7 67.7



#70  
Pentachlorophenol  
Concen: 96.673 ng  
RT: 16.745 min Scan# 2322  
Delta R.T. -0.006 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

Tgt Ion:266 Resp: 451112  
Ion Ratio Lower Upper  
266 100  
268 64.4 51.6 77.4  
264 64.4 50.3 75.5

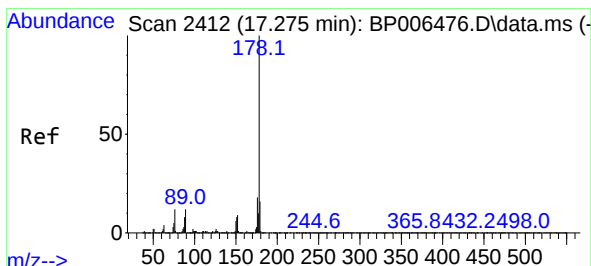
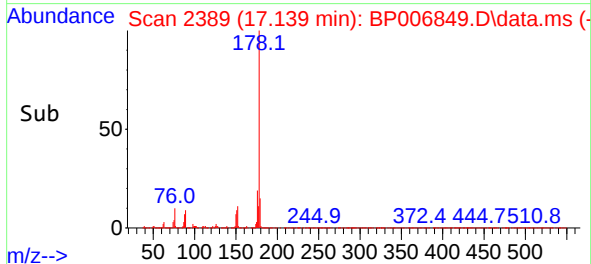
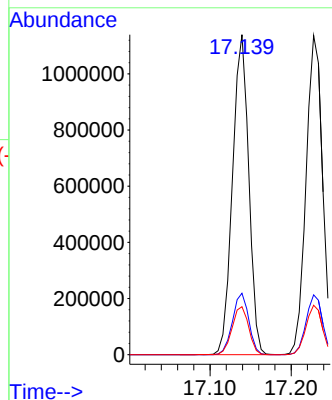
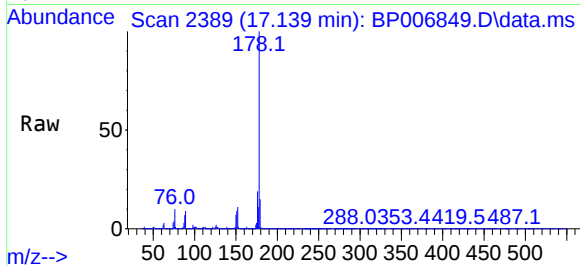




#71  
Phenanthrene  
Concen: 41.535 ng  
RT: 17.139 min Scan# 2389  
Delta R.T. -0.006 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

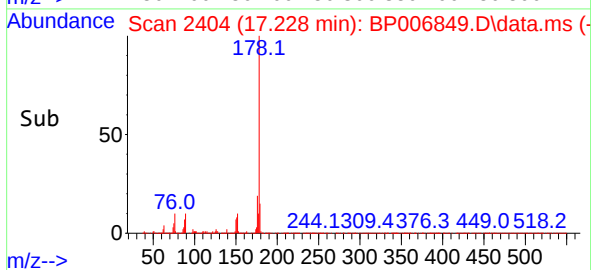
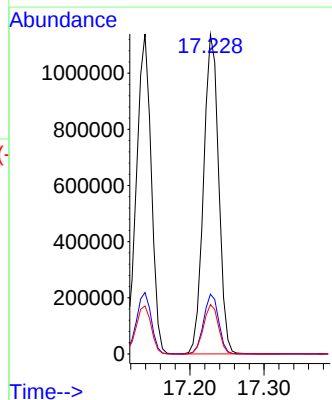
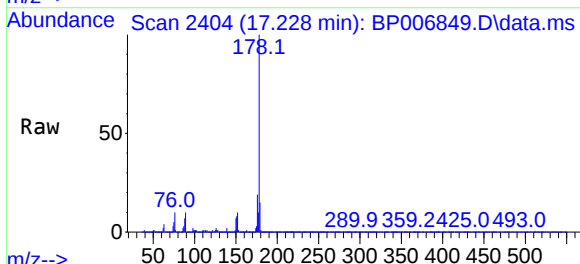
Instrument :  
BNA\_P  
ClientSampleId :  
DRILL-CUTTINGMSD

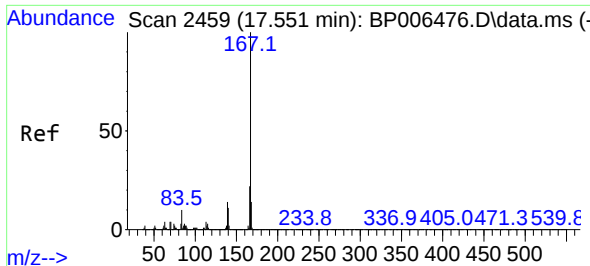
Tgt Ion:178 Resp: 1578071  
Ion Ratio Lower Upper  
178 100  
176 19.2 15.1 22.7  
179 15.0 12.4 18.6



#72  
Anthracene  
Concen: 43.691 ng  
RT: 17.228 min Scan# 2404  
Delta R.T. -0.006 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

Tgt Ion:178 Resp: 1604017  
Ion Ratio Lower Upper  
178 100  
176 18.8 14.9 22.3  
179 15.5 12.2 18.2

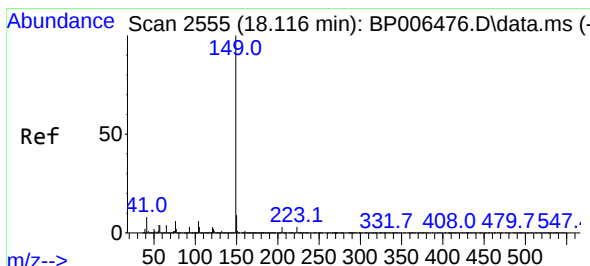
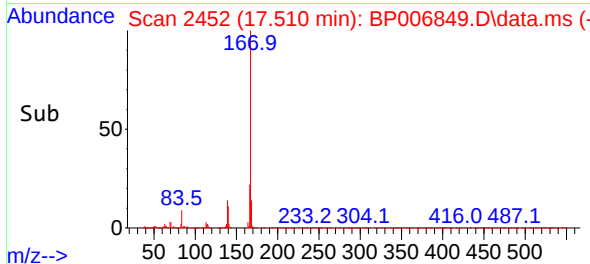
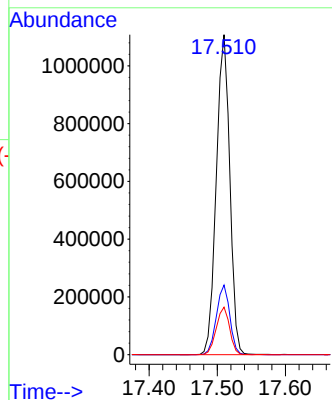
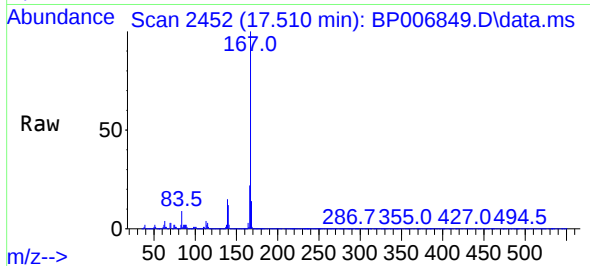




#73  
Carbazole  
Concen: 40.648 ng  
RT: 17.510 min Scan# 2452  
Delta R.T. -0.006 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

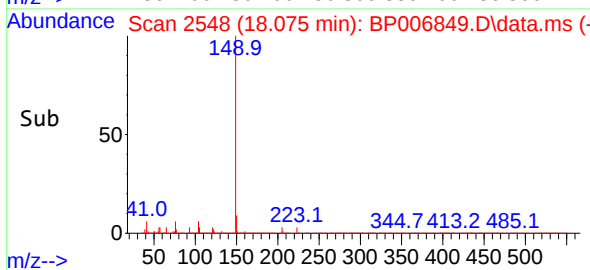
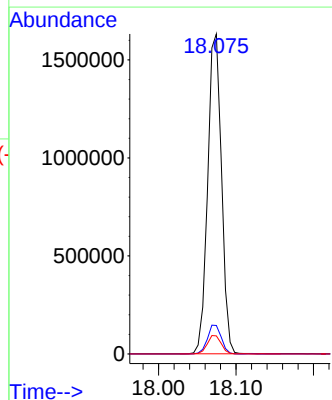
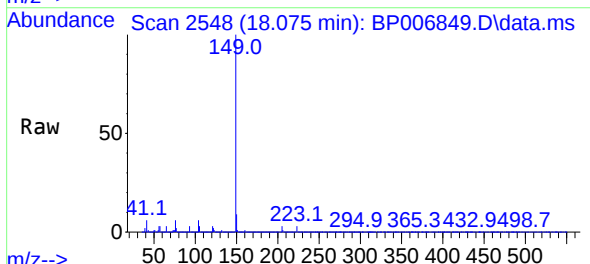
Instrument :  
BNA\_P  
ClientSampleId :  
DRILL-CUTTINGMSD

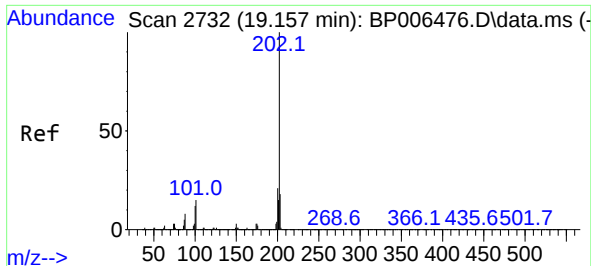
Tgt Ion:167 Resp: 1522124  
Ion Ratio Lower Upper  
167 100  
166 21.8 17.1 25.7  
139 14.8 10.7 16.1



#74  
Di-n-butylphthalate  
Concen: 47.149 ng  
RT: 18.075 min Scan# 2548  
Delta R.T. -0.006 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

Tgt Ion:149 Resp: 2011548  
Ion Ratio Lower Upper  
149 100  
150 8.9 7.3 10.9  
104 5.7 4.5 6.7

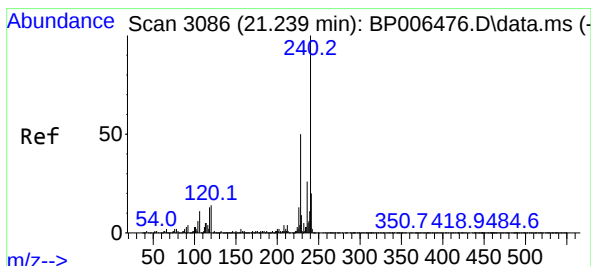
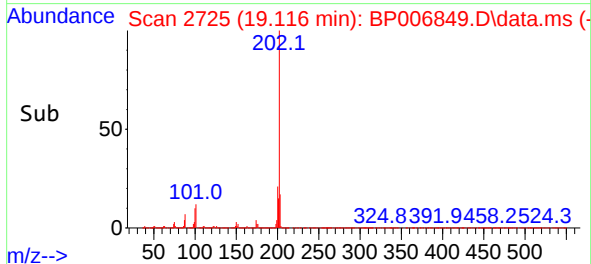
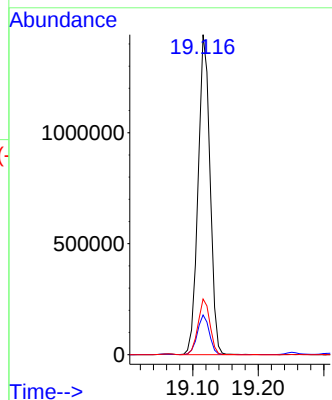
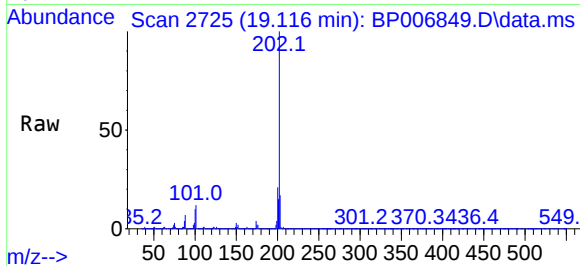




#75  
Fluoranthene  
Concen: 42.774 ng  
RT: 19.116 min Scan# 2725  
Delta R.T. -0.012 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

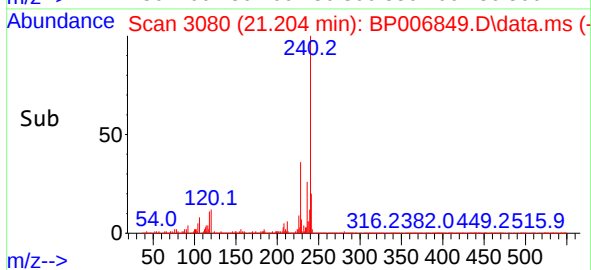
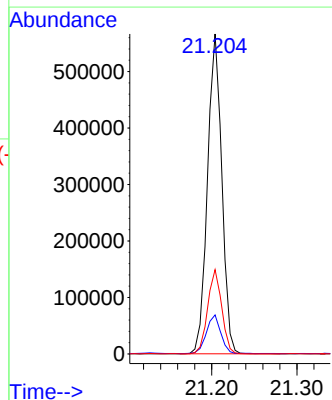
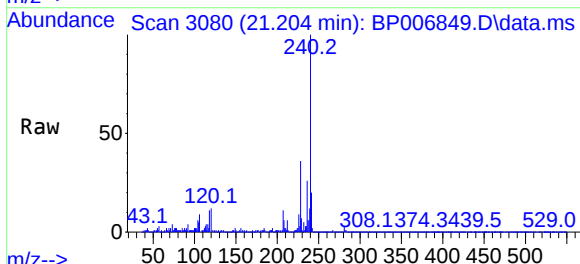
Instrument :  
BNA\_P  
ClientSampleId :  
DRILL-CUTTINGMSD

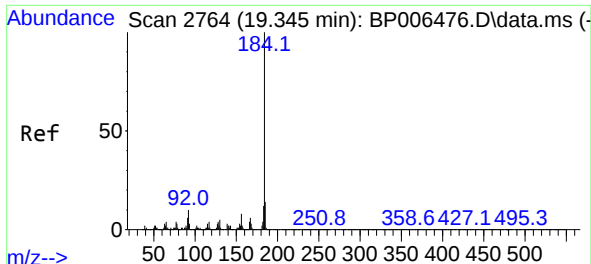
Tgt Ion:202 Resp: 1824053  
Ion Ratio Lower Upper  
202 100  
101 12.4 0.0 27.6  
203 17.4 0.0 37.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.204 min Scan# 3080  
Delta R.T. -0.006 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

Tgt Ion:240 Resp: 660009  
Ion Ratio Lower Upper  
240 100  
120 12.2 6.5 9.7#  
236 26.3 20.6 31.0



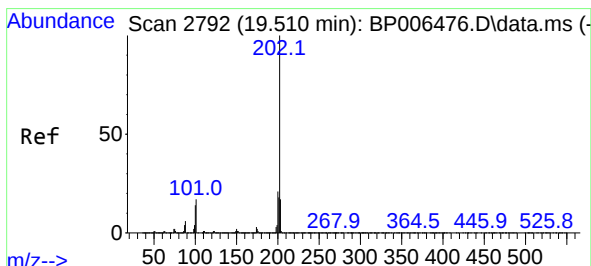
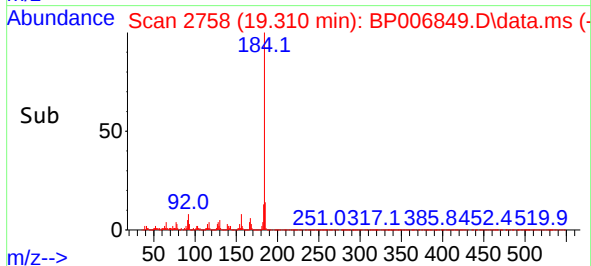
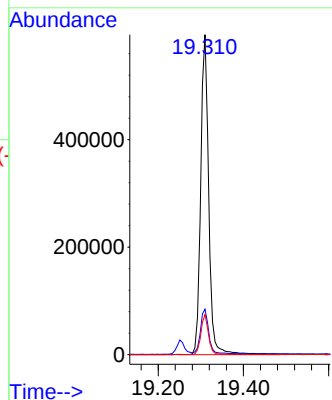
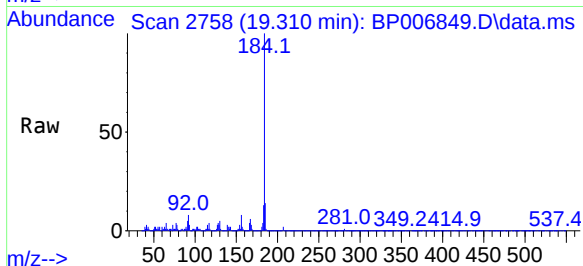


#77  
Benzidine  
Concen: 47.202 ng  
RT: 19.310 min Scan# 2758  
Delta R.T. -0.006 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

Instrument :  
BNA\_P  
ClientSampleId :  
DRILL-CUTTINGMSD

Tgt Ion:184 Resp: 779565

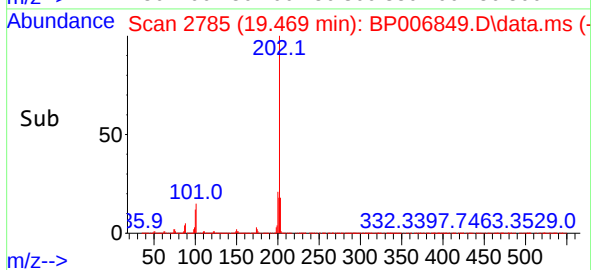
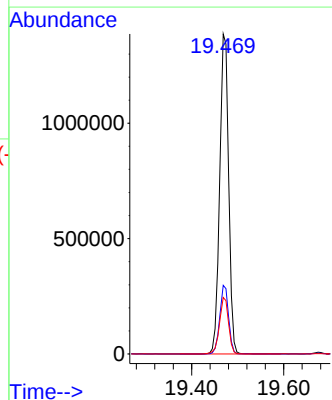
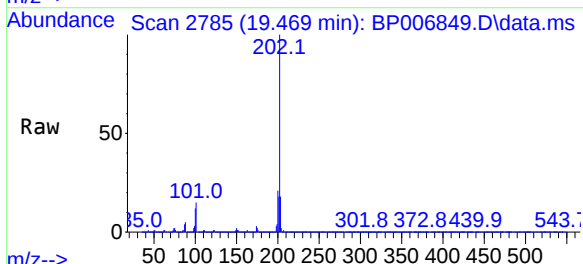
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 14.2  | 11.0  | 16.4  |
| 183 | 12.5  | 9.5   | 14.3  |

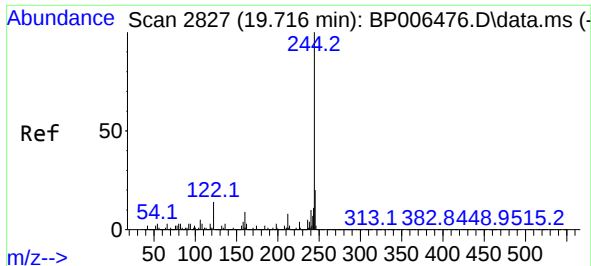


#78  
Pyrene  
Concen: 42.122 ng  
RT: 19.469 min Scan# 2785  
Delta R.T. -0.012 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

Tgt Ion:202 Resp: 1856945

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 21.4  | 16.3  | 24.5  |
| 203 | 17.6  | 14.2  | 21.2  |

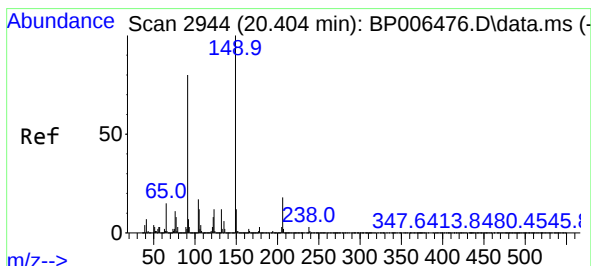
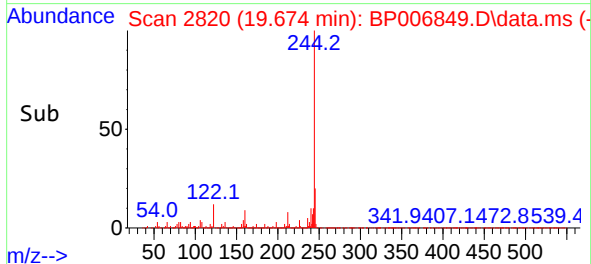
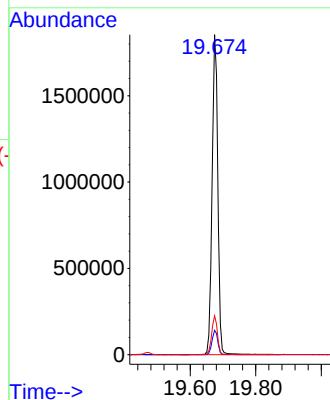
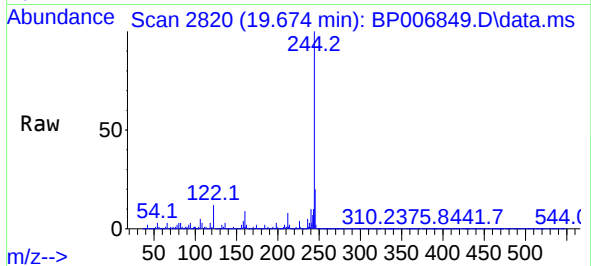




#79  
Terphenyl-d14  
Concen: 68.220 ng  
RT: 19.674 min Scan# 2820  
Delta R.T. -0.012 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

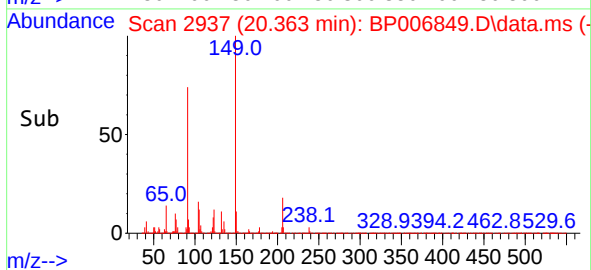
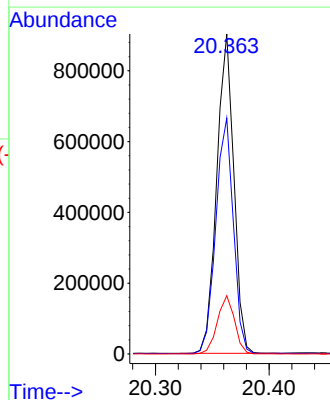
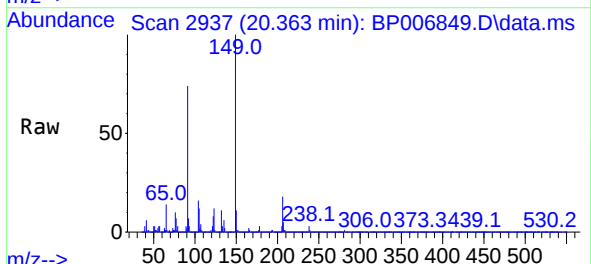
Instrument :  
BNA\_P  
ClientSampleId :  
DRILL-CUTTINGMSD

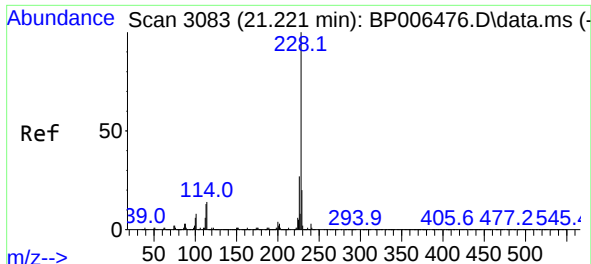
Tgt Ion:244 Resp: 2247050  
Ion Ratio Lower Upper  
244 100  
212 7.6 6.0 9.0  
122 12.1 7.1 10.7#



#80  
Butylbenzylphthalate  
Concen: 48.769 ng  
RT: 20.363 min Scan# 2937  
Delta R.T. -0.006 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

Tgt Ion:149 Resp: 945415  
Ion Ratio Lower Upper  
149 100  
91 73.7 54.6 81.8  
206 18.2 16.7 25.1

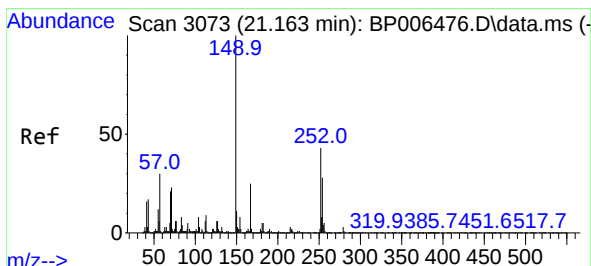
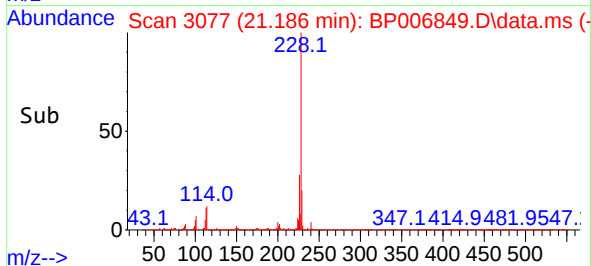
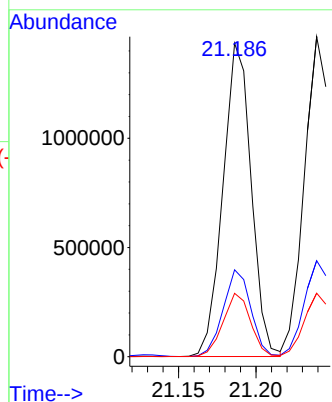
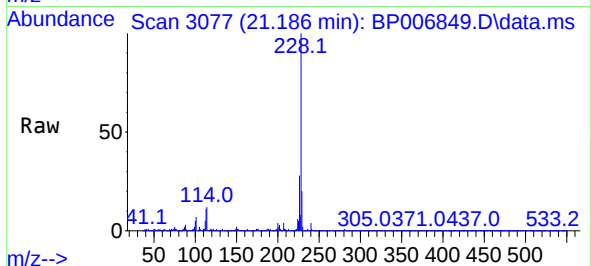




#81  
Benzo(a)anthracene  
Concen: 42.152 ng  
RT: 21.186 min Scan# 3077  
Delta R.T. -0.012 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

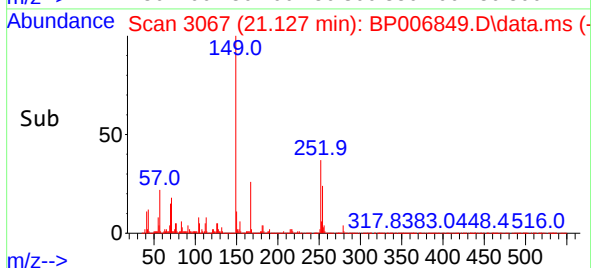
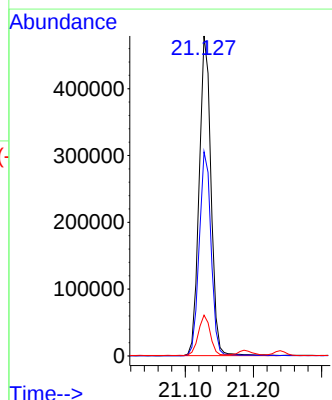
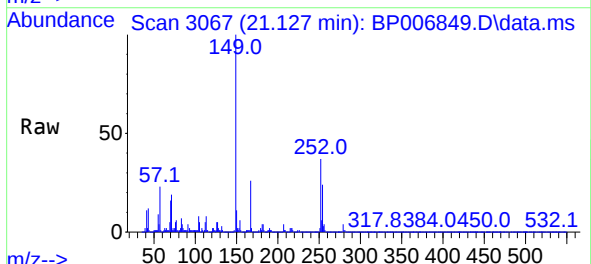
Instrument :  
BNA\_P  
ClientSampleId :  
DRILL-CUTTINGMSD

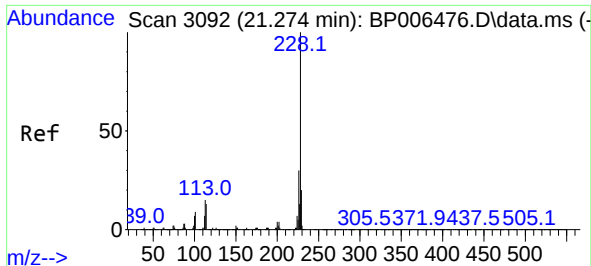
Tgt Ion:228 Resp: 1818162  
Ion Ratio Lower Upper  
228 100  
226 27.7 21.6 32.4  
229 20.2 15.8 23.6



#82  
3,3'-Dichlorobenzidine  
Concen: 50.828 ng  
RT: 21.127 min Scan# 3067  
Delta R.T. -0.012 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

Tgt Ion:252 Resp: 575563  
Ion Ratio Lower Upper  
252 100  
254 63.8 50.6 76.0  
126 12.7 7.0 10.6#



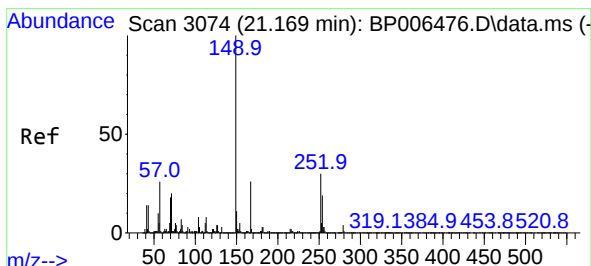
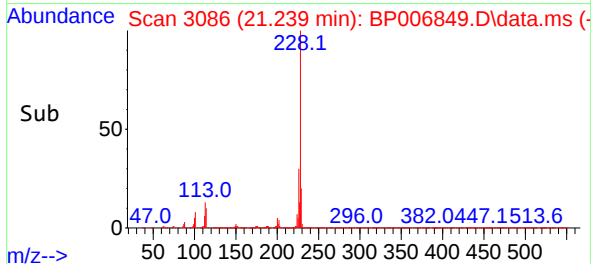
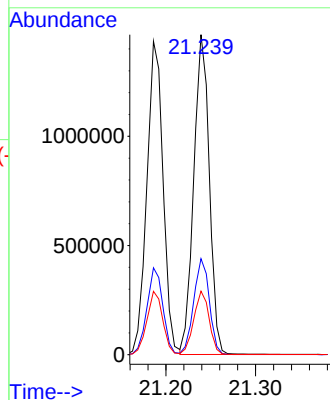
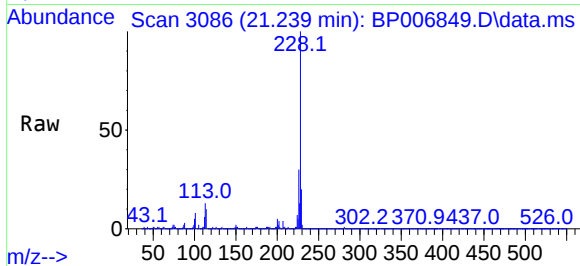


#83  
Chrysene  
Concen: 42.183 ng  
RT: 21.239 min Scan# 3086  
Delta R.T. -0.012 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

Instrument :  
BNA\_P  
ClientSampleId :  
DRILL-CUTTINGMSD

Tgt Ion:228 Resp: 1763955

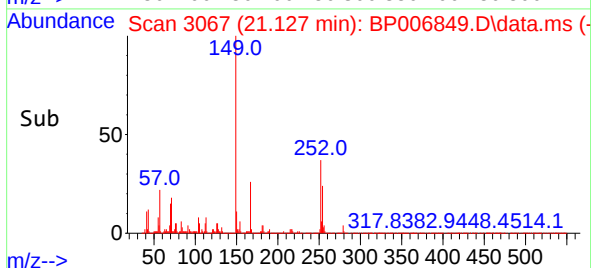
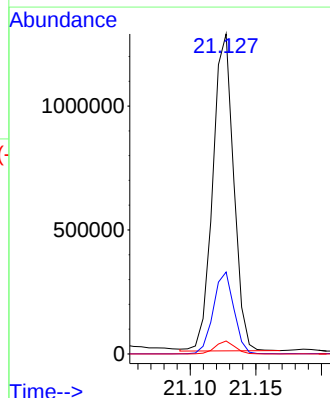
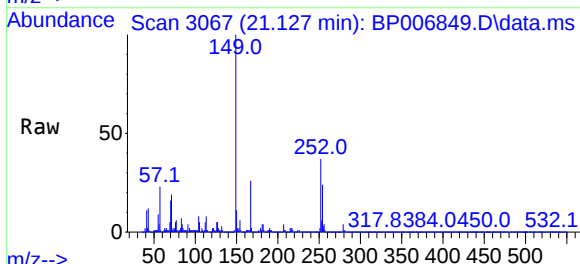
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 30.0  | 23.8  | 35.6  |
| 229 | 19.9  | 15.4  | 23.2  |

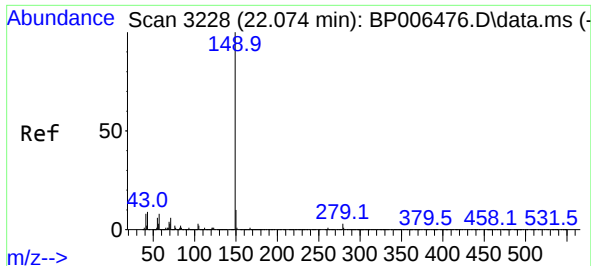


#84  
Bis(2-ethylhexyl)phthalate  
Concen: 48.532 ng  
RT: 21.127 min Scan# 3067  
Delta R.T. -0.006 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

Tgt Ion:149 Resp: 1413825

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 25.6  | 21.9  | 32.9  |
| 279 | 4.1   | 4.3   | 6.5#  |

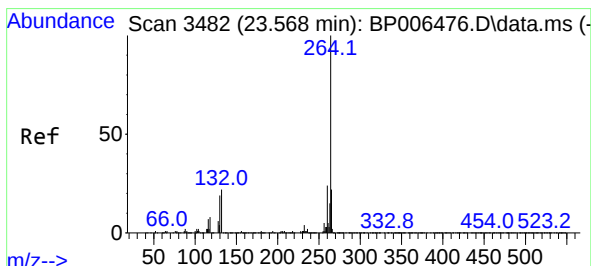
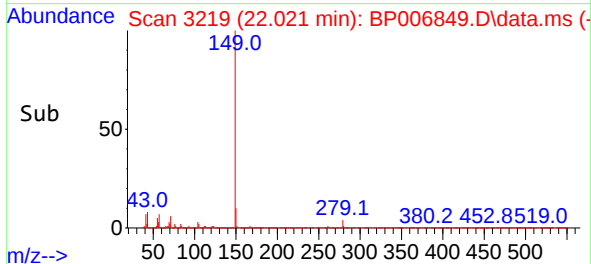
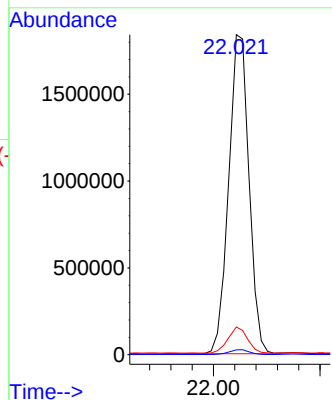
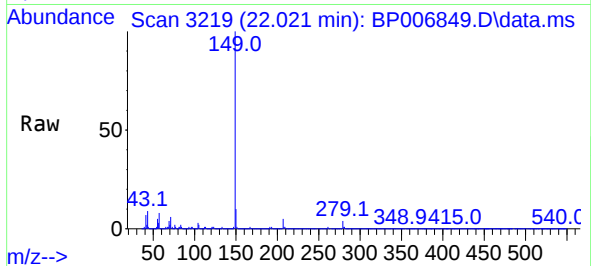




#85  
Di-n-octyl phthalate  
Concen: 50.770 ng  
RT: 22.021 min Scan# 3219  
Delta R.T. -0.012 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

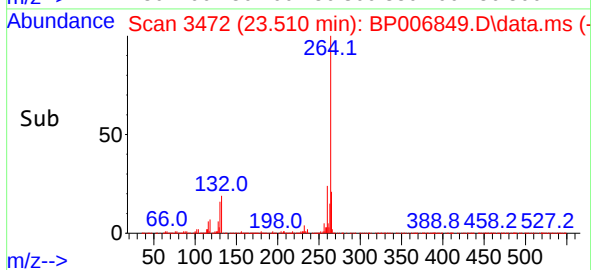
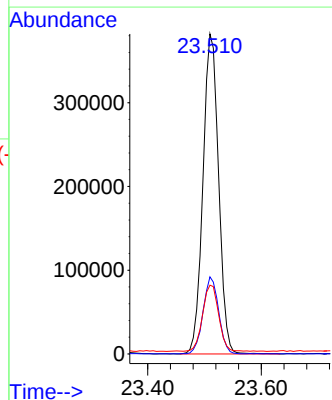
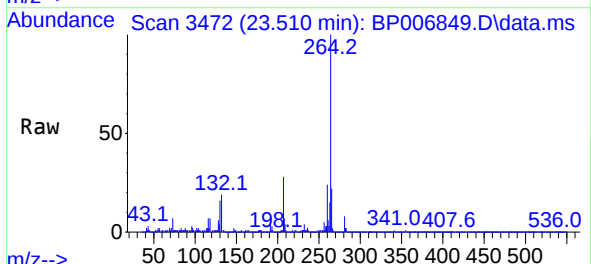
Instrument :  
BNA\_P  
ClientSampleId :  
DRILL-CUTTINGMSD

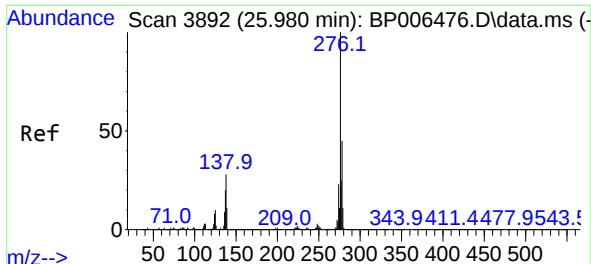
Tgt Ion:149 Resp: 2437769  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.4 2.0  
43 7.8 5.6 8.4



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.510 min Scan# 3472  
Delta R.T. -0.018 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

Tgt Ion:264 Resp: 729489  
Ion Ratio Lower Upper  
264 100  
260 24.1 18.6 28.0  
265 21.5 17.6 26.4

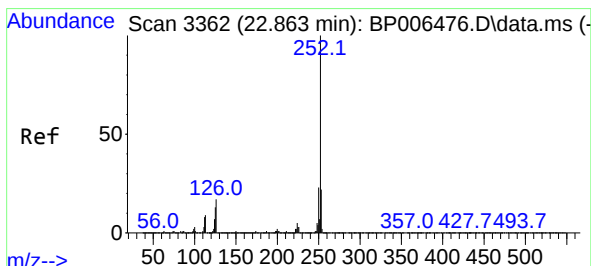
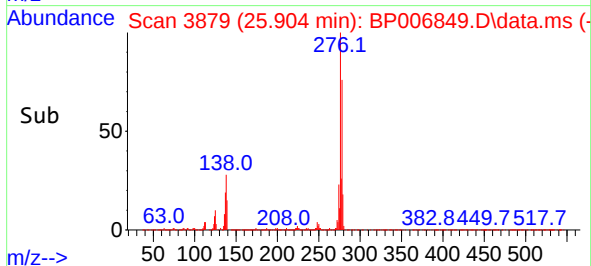
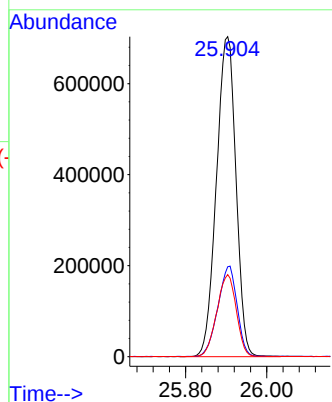
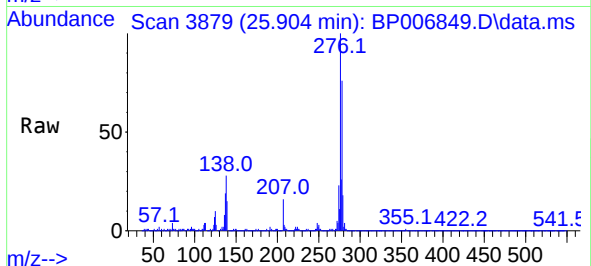




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 44.399 ng  
RT: 25.904 min Scan# 3879  
Delta R.T. -0.018 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

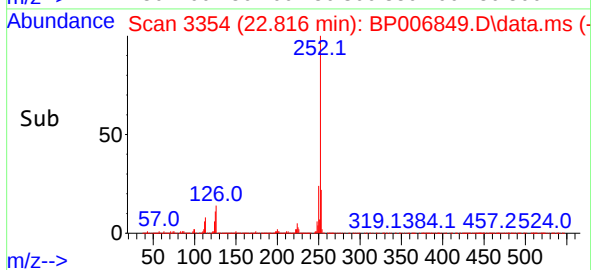
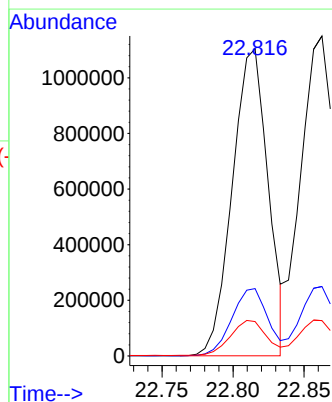
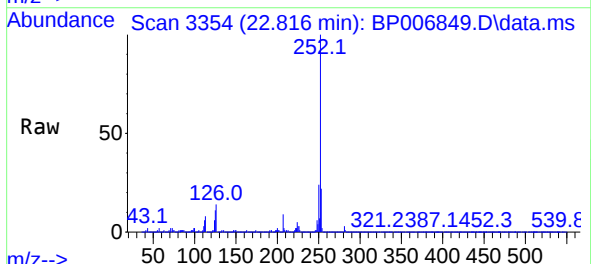
Instrument :  
BNA\_P  
ClientSampleId :  
DRILL-CUTTINGMSD

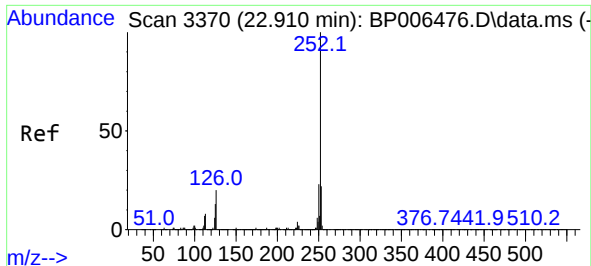
Tgt Ion:276 Resp: 2348522  
Ion Ratio Lower Upper  
276 100  
138 27.9 15.3 22.9#  
277 25.4 20.4 30.6



#88  
Benzo(b)fluoranthene  
Concen: 40.763 ng  
RT: 22.816 min Scan# 3354  
Delta R.T. -0.012 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

Tgt Ion:252 Resp: 1932616  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.5 26.3  
125 11.2 6.2 9.4#

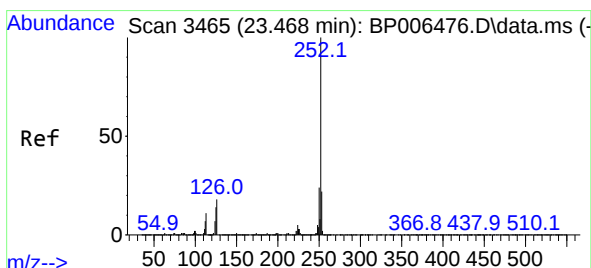
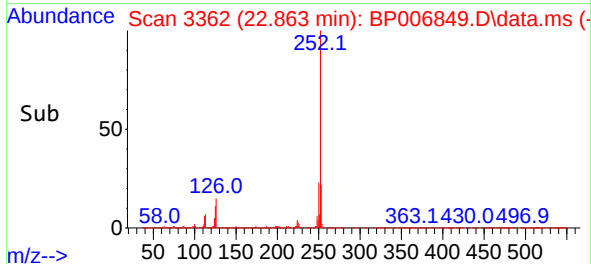
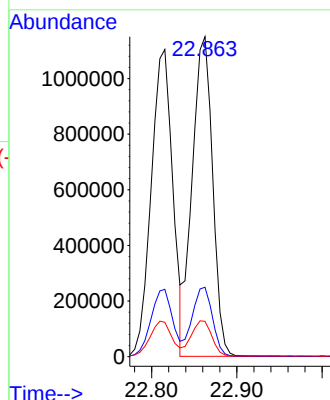
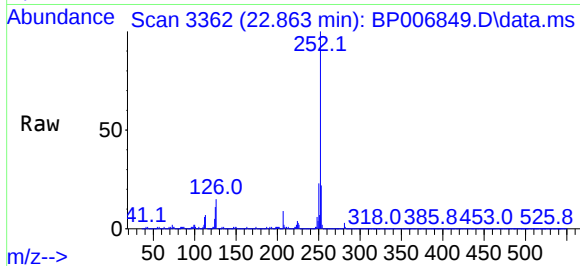




#89  
Benzo(k)fluoranthene  
Concen: 41.972 ng  
RT: 22.863 min Scan# 3362  
Delta R.T. -0.012 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

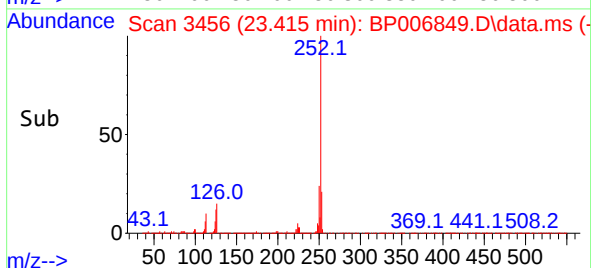
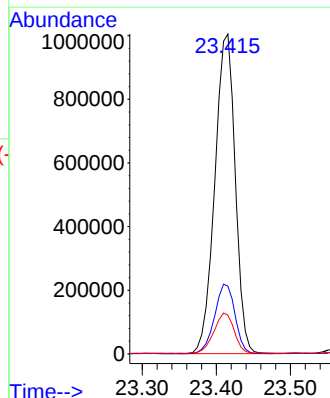
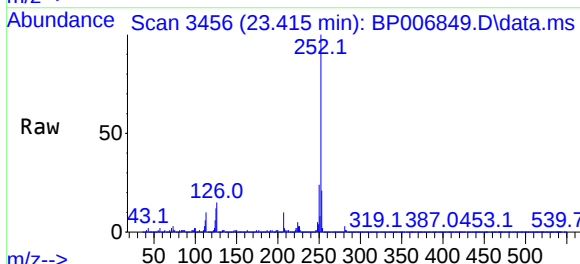
Instrument :  
BNA\_P  
ClientSampleId :  
DRILL-CUTTINGMSD

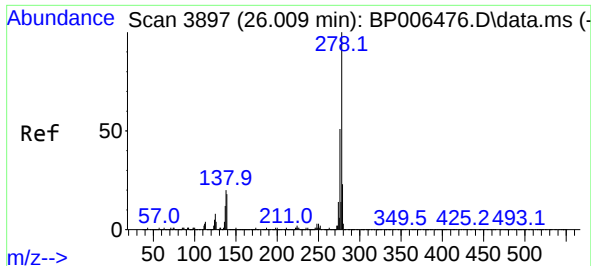
Tgt Ion:252 Resp: 1910576  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.6 26.4  
125 11.1 6.0 9.0#



#90  
Benzo(a)pyrene  
Concen: 45.207 ng  
RT: 23.415 min Scan# 3456  
Delta R.T. -0.012 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

Tgt Ion:252 Resp: 1922437  
Ion Ratio Lower Upper  
252 100  
253 21.2 17.9 26.9  
125 12.1 6.5 9.7#

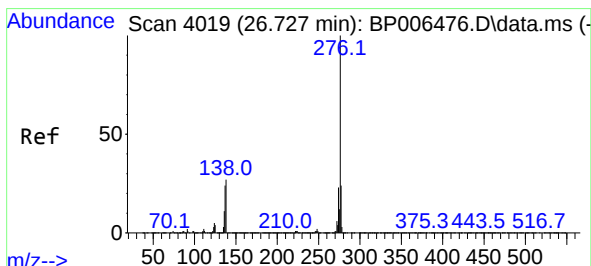
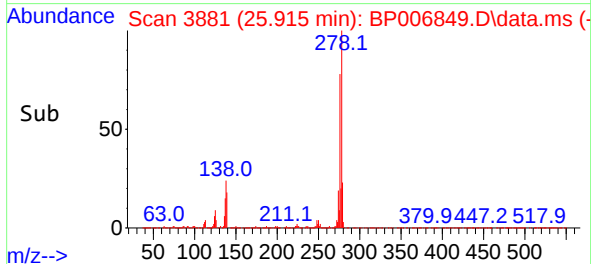
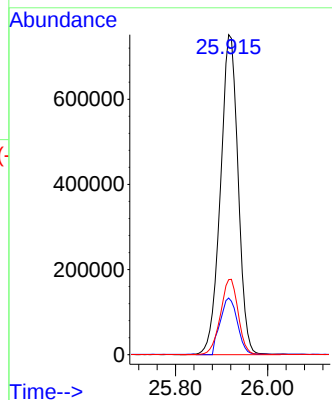
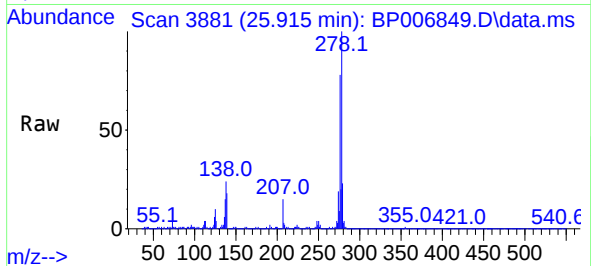




#91  
Dibenzo(a,h)anthracene  
Concen: 43.528 ng  
RT: 25.915 min Scan# 3881  
Delta R.T. -0.024 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

Instrument :  
BNA\_P  
ClientSampleId :  
DRILL-CUTTINGMSD

Tgt Ion:278 Resp: 1990720  
Ion Ratio Lower Upper  
278 100  
139 17.7 9.3 13.9#  
279 23.5 18.8 28.2



#92  
Benzo(g,h,i)perylene  
Concen: 44.909 ng  
RT: 26.639 min Scan# 4004  
Delta R.T. -0.018 min  
Lab File: BP006849.D  
Acq: 24 Aug 2021 15:49

Tgt Ion:276 Resp: 1968189  
Ion Ratio Lower Upper  
276 100  
277 24.1 18.9 28.3  
138 23.6 12.6 18.8#

