

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP081621\  
 Data File : BP006683.D  
 Acq On : 16 Aug 2021 14:29  
 Operator : CG/JU  
 Sample : M2250-06  
 Misc : SFAM-MED-SOIL-02  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 MDL-MED-SOIL-QT3-2021-06

Manual Integrations  
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Quant Time: Aug 16 14:20:37 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SFAM-EPA-BP081021.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Aug 16 11:01:16 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.704  | 152  | 161138   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.487 | 136  | 688060   | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.345 | 164  | 401762   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.104 | 188  | 811291   | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.210 | 240  | 806377   | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 23.521 | 264  | 838417   | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.216  | 96   | 23926    | 5.022  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.622  | 84   | 239137   | 17.461 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 6.887  | 99   | 359470   | 22.191 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.052  | 67   | 243210   | 24.430 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.240  | 132  | 285123   | 23.633 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.422  | 113  | 278128   | 21.491 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 8.863  | 128  | 139991   | 23.968 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.581  | 143  | 140346   | 22.964 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.116 | 165  | 237934   | 23.043 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.634 | 131  | 368958   | 21.984 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.769 | 166  | 754510   | 24.488 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.039 | 160  | 938866   | 24.843 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.563 | 143  | 136417   | 21.197 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.345 | 176  | 625603   | 24.966 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.475 | 200  | 100246   | 18.694 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.204 | 188  | 943792   | 24.587 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.451 | 212  | 1019460  | 24.074 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.374 | 264  | 1146391  | 25.356 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.252  | 88   | 6072     | 1.254  | ng/uL  | 97       |
| 5) Pyridine                   | 3.646  | 79   | 60417    | 4.261  | ng/u1# | 84       |
| 6) Benzaldehyde               | 6.857  | 77   | 48136    | 6.044  | ng/u1  | 97       |
| 8) Phenol                     | 6.910  | 94   | 69410    | 4.196  | ng/u1  | 99       |
| 10) Bis(2-Chloroethyl)ether   | 7.146  | 93   | 54895    | 4.305  | ng/u1  | 91       |
| 12) 2-Chlorophenol            | 7.269  | 128  | 54463    | 4.477  | ng/u1  | 98       |
| 13) 2-Methylphenol            | 8.157  | 108  | 49666    | 4.080  | ng/u1  | 96       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.240  | 45   | 65279    | 4.381  | ng/u1  | 97       |
| 16) Acetophenone              | 8.534  | 105  | 89597    | 4.398  | ng/u1  | 97       |
| 17) N-Nitroso-di-n-propyla... | 8.516  | 70   | 46661    | 4.258  | ng/u1  | 99       |
| 18) 4-Methylphenol            | 8.481  | 108  | 53366    | 4.033  | ng/u1  | 96       |
| 19) Hexachloroethane          | 8.769  | 117  | 25091    | 4.740  | ng/u1  | 93       |
| 22) Nitrobenzene              | 8.904  | 77   | 71358    | 4.667  | ng/u1  | 99       |
| 23) Isophorone                | 9.434  | 82   | 125625   | 4.406  | ng/u1  | 98       |
| 25) 2-Nitrophenol             | 9.610  | 139  | 28613    | 4.439  | ng/u1  | 98       |
| 26) 2,4-Dimethylphenol        | 9.681  | 107  | 61188    | 4.419  | ng/u1  | 100      |
| 27) Bis(2-Chloroethoxy)met... | 9.922  | 93   | 74418    | 4.502  | ng/u1  | 100      |
| 29) 2,4-Dichlorophenol        | 10.140 | 162  | 45059    | 4.498  | ng/u1  | 98       |
| 30) Naphthalene               | 10.540 | 128  | 174528   | 4.674  | ng/u1  | 100      |
| 32) 4-Chloroaniline           | 10.663 | 127  | 72593    | 4.408  | ng/u1  | 99       |
| 33) Hexachlorobutadiene       | 10.822 | 225  | 28697    | 4.859  | ng/u1  | 96       |
| 34) Caprolactam               | 11.475 | 113  | 14898m   | 3.715  | ng/u1  |          |
| 35) 4-Chloro-3-methylphenol   | 11.792 | 107  | 52365    | 4.086  | ng/u1  | 99       |
| 36) 2-Methylnaphthalene       | 12.157 | 142  | 117036   | 4.561  | ng/u1  | 95       |

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Manual Integrations  
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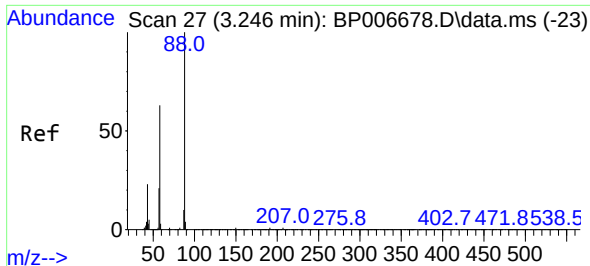
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Quant Time: Aug 16 14:20:37 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SFAM-EPA-BP081021.M  
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| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 37) 1-Methylnaphthalene       | 12.375 | 142  | 114283   | 4.475 | ng/ul  | 97       |
| 39) 1,2,4,5-Tetrachloroben... | 12.528 | 216  | 50891    | 4.700 | ng/ul  | 98       |
| 40) Hexachlorocyclopentadiene | 12.504 | 237  | 25321    | 3.565 | ng/ul  | 92       |
| 41) 2,4,6-Trichlorophenol     | 12.775 | 196  | 30914    | 4.158 | ng/ul  | 100      |
| 42) 2,4,5-Trichlorophenol     | 12.845 | 196  | 33366    | 4.215 | ng/ul  | 99       |
| 43) 1,1'-Biphenyl             | 13.181 | 154  | 144237   | 4.618 | ng/ul  | 99       |
| 44) 2-Chloronaphthalene       | 13.216 | 162  | 109409   | 4.617 | ng/ul  | 99       |
| 45) 2-Nitroaniline            | 13.434 | 65   | 31461    | 3.682 | ng/ul  | 97       |
| 47) Dimethylphthalate         | 13.816 | 163  | 142191   | 4.666 | ng/ul  | 98       |
| 48) 2,6-Dinitrotoluene        | 13.934 | 165  | 20226    | 3.439 | ng/ul  | 90       |
| 50) Acenaphthylene            | 14.069 | 152  | 177950   | 4.817 | ng/ul  | 99       |
| 51) 3-Nitroaniline            | 14.263 | 138  | 24665    | 3.662 | ng/ul  | 92       |
| 52) Acenaphthene              | 14.410 | 153  | 122678   | 4.657 | ng/ul  | 99       |
| 53) 2,4-Dinitrophenol         | 14.475 | 184  | 14851    | 3.904 | ng/ul  | 91       |
| 55) 4-Nitrophenol             | 14.575 | 109  | 25398    | 4.401 | ng/ul  | 89       |
| 56) Dibenzofuran              | 14.745 | 168  | 166423   | 4.725 | ng/ul  | 99       |
| 57) 2,4-Dinitrotoluene        | 14.728 | 165  | 34317    | 3.966 | ng/ul  | 98       |
| 58) 2,3,4,6-Tetrachlorophenol | 14.975 | 232  | 28930    | 4.402 | ng/ul  | 97       |
| 59) Diethylphthalate          | 15.186 | 149  | 144488   | 4.461 | ng/ul  | 100      |
| 61) Fluorene                  | 15.398 | 166  | 136070   | 4.633 | ng/ul  | 98       |
| 62) 4-Chlorophenyl-phenyle... | 15.398 | 204  | 62842    | 4.727 | ng/ul  | 99       |
| 63) 4-Nitroaniline            | 15.428 | 138  | 25496    | 4.042 | ng/ul  | 86       |
| 66) 4,6-Dinitro-2-methylph... | 15.486 | 198  | 20146    | 3.758 | ng/ul# | 91       |
| 67) N-Nitrosodiphenylamine    | 15.616 | 169  | 115940   | 4.652 | ng/ul  | 98       |
| 68) 4-Bromophenyl-phenylether | 16.298 | 248  | 34715    | 4.339 | ng/ul  | 99       |
| 69) Hexachlorobenzene         | 16.404 | 284  | 42632    | 4.715 | ng/ul  | 96       |
| 70) Atrazine                  | 16.580 | 200  | 33037    | 3.737 | ng/ul  | 99       |
| 71) Pentachlorophenol         | 16.751 | 266  | 20838    | 3.518 | ng/ul  | 96       |
| 72) Phenanthrene              | 17.145 | 178  | 215115   | 4.694 | ng/ul  | 99       |
| 74) Anthracene                | 17.239 | 178  | 218914   | 4.704 | ng/ul  | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.139 | 216  | 50554    | 4.582 | ng/uL  | 99       |
| 76) Pentachlorobenzene        | 14.663 | 250  | 48559    | 4.467 | ng/uL  | 97       |
| 77) Carbazole                 | 17.516 | 167  | 196039   | 4.510 | ng/ul  | 98       |
| 78) Di-n-butylphthalate       | 18.086 | 149  | 224298   | 3.991 | ng/ul  | 99       |
| 80) Fluoranthene              | 19.127 | 202  | 230728   | 4.335 | ng/ul  | 99       |
| 82) Pyrene                    | 19.480 | 202  | 252853   | 4.600 | ng/ul  | 99       |
| 83) Butylbenzylphthalate      | 20.374 | 149  | 97744    | 3.596 | ng/ul  | 99       |
| 84) 3,3'-Dichlorobenzidine    | 21.133 | 252  | 78577    | 4.270 | ng/ul  | 100      |
| 85) Benzo(a)anthracene        | 21.192 | 228  | 240903   | 4.587 | ng/ul  | 100      |
| 86) Bis(2-ethylhexyl)phtha... | 21.139 | 149  | 156265   | 3.731 | ng/ul  | 99       |
| 87) Chrysene                  | 21.245 | 228  | 229972   | 4.541 | ng/ul  | 99       |
| 89) Di-n-octyl phthalate      | 22.033 | 149  | 265458   | 3.663 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 22.815 | 252  | 252733   | 4.640 | ng/ul  | 99       |
| 91) Benzo(k)fluoranthene      | 22.862 | 252  | 235199   | 4.460 | ng/ul  | 98       |
| 93) Benzo(a)pyrene            | 23.421 | 252  | 218007   | 4.419 | ng/ul  | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 25.903 | 276  | 289820   | 4.492 | ng/ul  | 98       |
| 95) Dibenzo(a,h)anthracene    | 25.927 | 278  | 246596   | 4.551 | ng/ul  | 100      |
| 96) Benzo(g,h,i)perylene      | 26.633 | 276  | 239931   | 4.479 | ng/ul  | 99       |

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





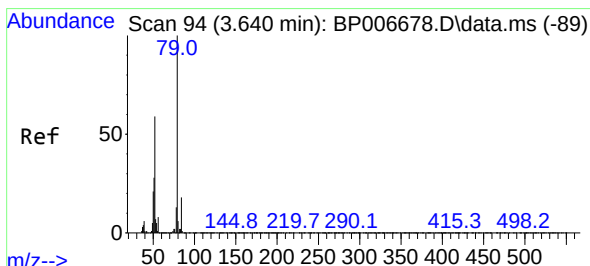
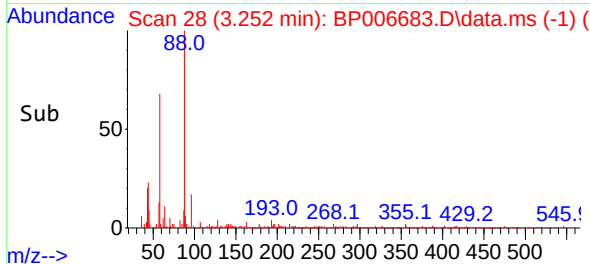
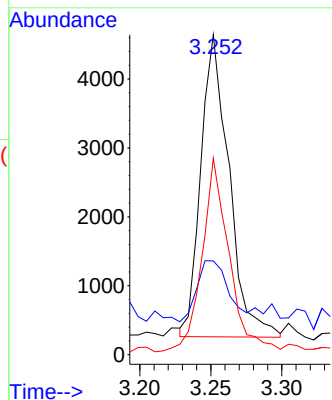
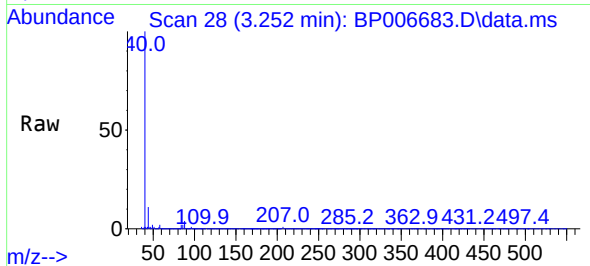
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1,4-Dioxane  
Concen: 1.254 ng/uL  
RT: 3.252 min Scan# 28  
Delta R.T. 0.006 min  
Lab File: BP006683.D  
Acq: 16 Aug 2021 14:29

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 88    | Resp: | 6072  |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 29.3  | 20.1  | 30.1  |
| 58       | 61.4  | 48.4  | 72.6  |

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-MED-SOIL-QT3-2021-06

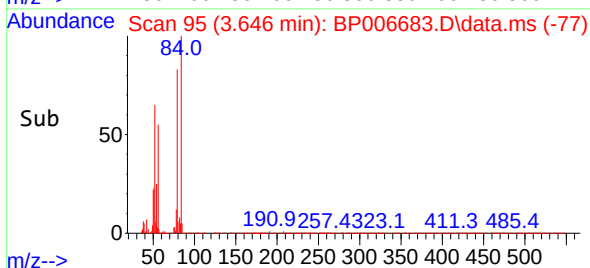
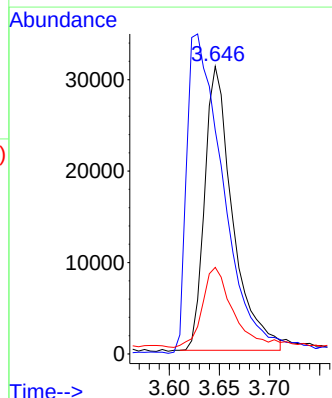
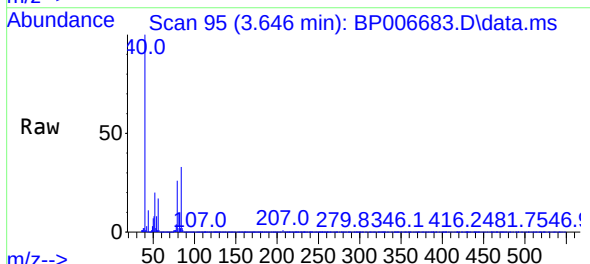
Manual Integrations  
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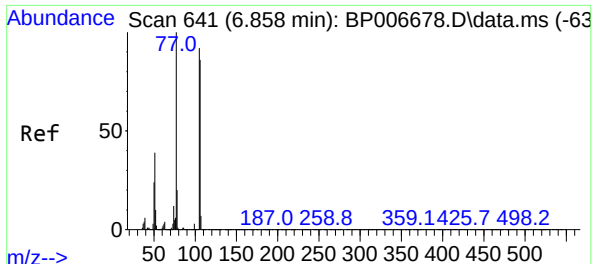
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#5  
Pyridine  
Concen: 4.261 ng/uL  
RT: 3.646 min Scan# 95  
Delta R.T. 0.006 min  
Lab File: BP006683.D  
Acq: 16 Aug 2021 14:29

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 79    | Resp: | 60417 |
| Ion      | Ratio | Lower | Upper |
| 79       | 100   |       |       |
| 52       | 77.8  | 49.2  | 73.8  |
| 51       | 30.1  | 22.7  | 34.1  |





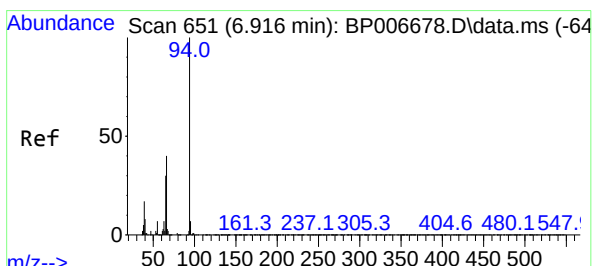
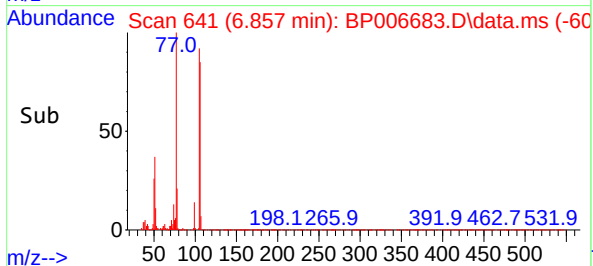
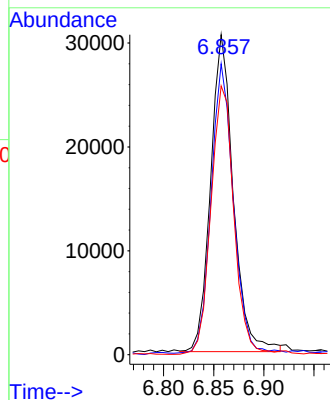
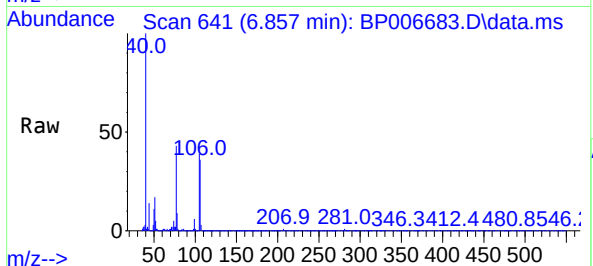
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Benzaldehyde  
Concen: 6.044 ng/ul  
RT: 6.857 min Scan# 641  
Delta R.T. -0.000 min  
Lab File: BP006683.D  
Acq: 16 Aug 2021 14:29

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 77    | Resp: | 48136 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 90.9  | 74.4  | 111.6 |
| 106      | 84.0  | 70.3  | 105.5 |

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-MED-SOIL-QT3-2021-06

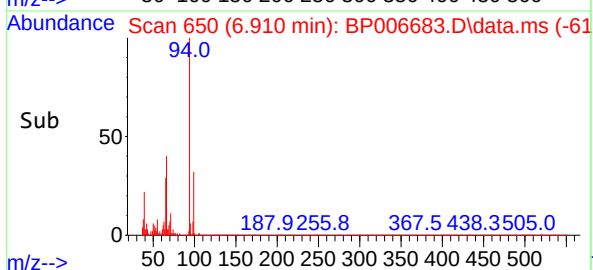
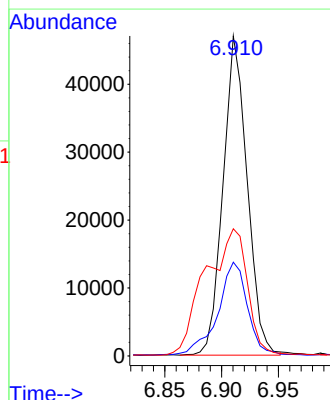
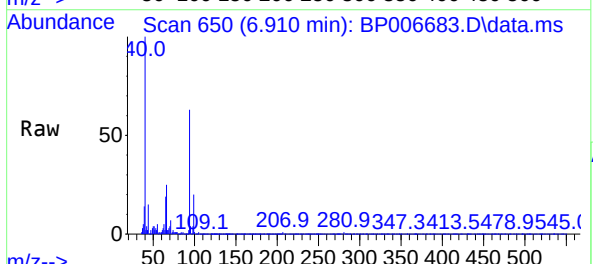
Manual Integrations  
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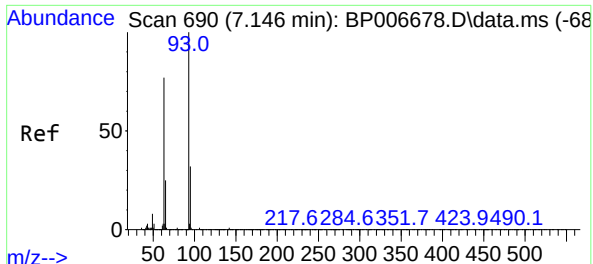
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#8  
Phenol  
Concen: 4.196 ng/ul  
RT: 6.910 min Scan# 650  
Delta R.T. -0.006 min  
Lab File: BP006683.D  
Acq: 16 Aug 2021 14:29

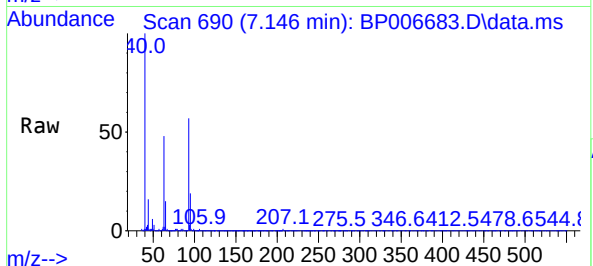
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|----------|-------|-------|-------|
| Tgt Ion: | 94    | Resp: | 69410 |
| Ion      | Ratio | Lower | Upper |
| 94       | 100   |       |       |
| 65       | 29.3  | 24.4  | 36.6  |
| 66       | 39.8  | 31.8  | 47.6  |





#10  
Bis(2-Chloroethyl)ether  
Concen: 4.305 ng/ul  
RT: 7.146 min Scan# 690  
Delta R.T. -0.000 min  
Lab File: BP006683.D  
Acq: 16 Aug 2021 14:29

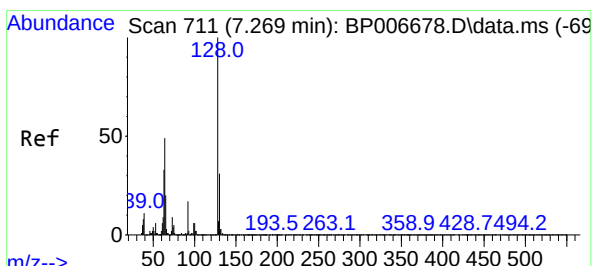
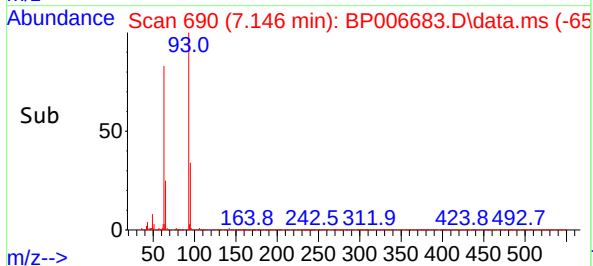
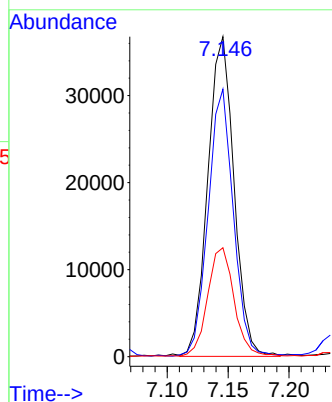
Instrument :  
BNA\_P  
ClientSampleId :  
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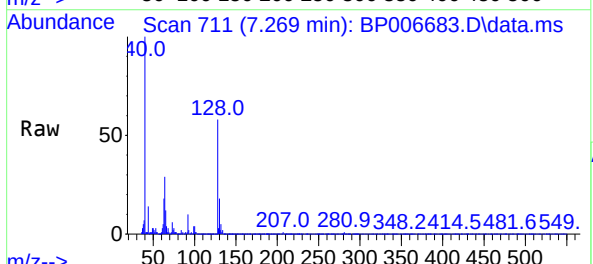
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 54895 |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 83.6  | 59.7  | 89.5  |
| 95       | 34.1  | 25.3  | 37.9  |

Manual Integrations  
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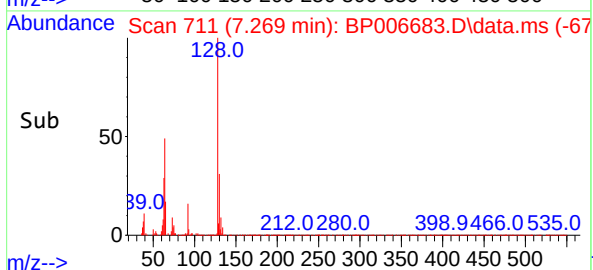
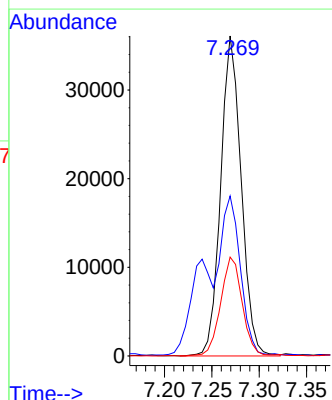
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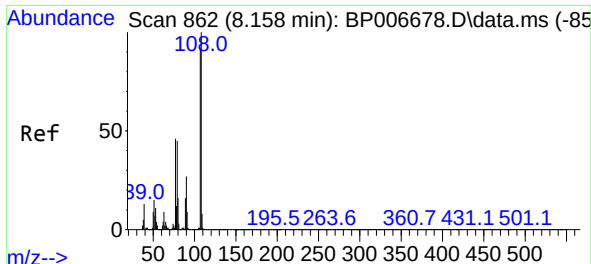


#12  
2-Chlorophenol  
Concen: 4.477 ng/ul  
RT: 7.269 min Scan# 711  
Delta R.T. -0.000 min  
Lab File: BP006683.D  
Acq: 16 Aug 2021 14:29



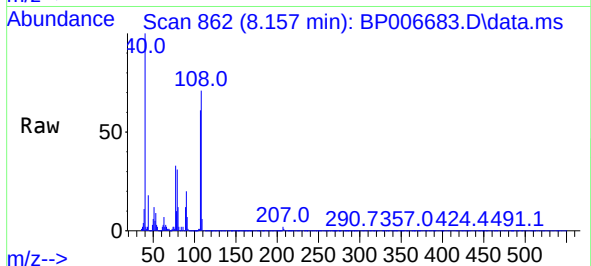
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 54463 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 64       | 50.0  | 40.6  | 60.8  |
| 130      | 30.9  | 26.4  | 39.6  |





#13  
2-Methylphenol  
Concen: 4.080 ng/ul  
RT: 8.157 min Scan# 862  
Delta R.T. -0.000 min  
Lab File: BP006683.D  
Acq: 16 Aug 2021 14:29

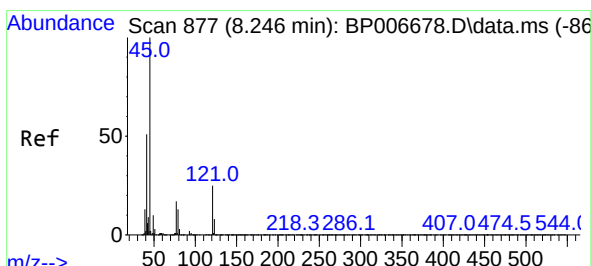
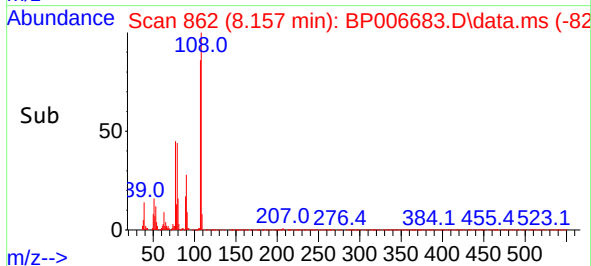
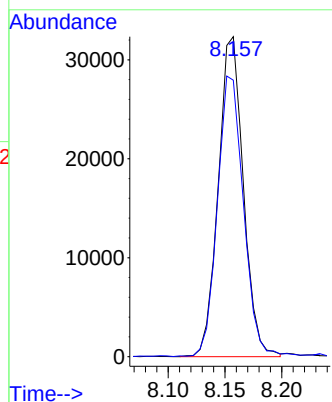
Instrument :  
BNA\_P  
ClientSampleId :  
MDL-MED-SOIL-QT3-2021-06



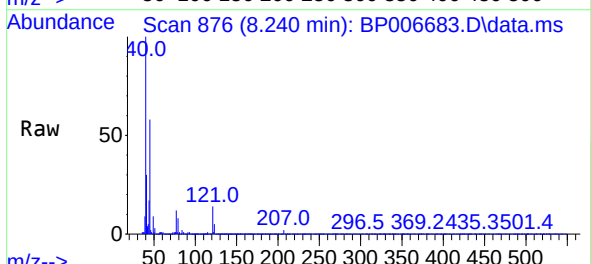
Tgt Ion:108 Resp: 49666  
Ion Ratio Lower Upper  
108 100  
107 86.4 72.2 108.2

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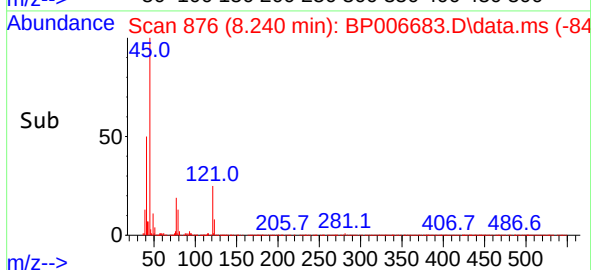
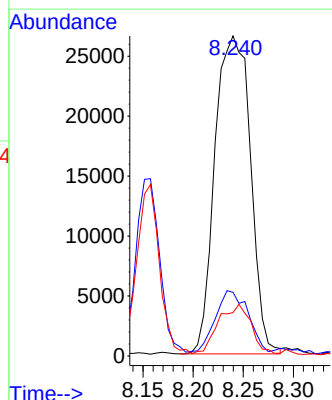
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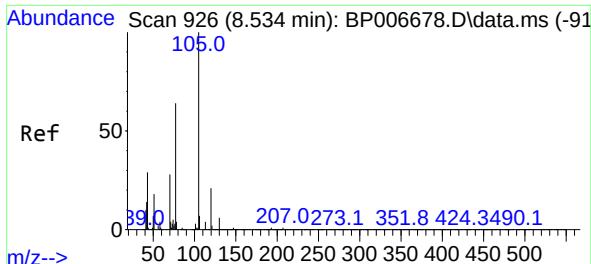


#14  
2,2'-oxybis(1-Chloropropane)  
Concen: 4.381 ng/ul  
RT: 8.240 min Scan# 876  
Delta R.T. -0.006 min  
Lab File: BP006683.D  
Acq: 16 Aug 2021 14:29



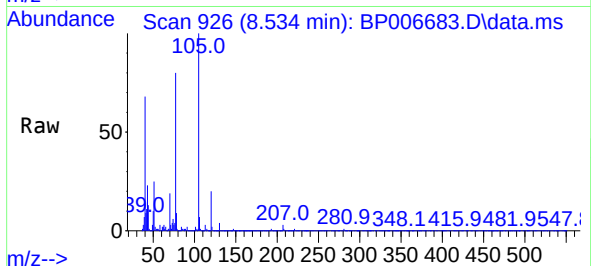
Tgt Ion: 45 Resp: 65279  
Ion Ratio Lower Upper  
45 100  
77 19.9 13.8 20.8  
79 13.6 10.9 16.3





#16  
Acetophenone  
Concen: 4.398 ng/ul  
RT: 8.534 min Scan# 926  
Delta R.T. -0.000 min  
Lab File: BP006683.D  
Acq: 16 Aug 2021 14:29

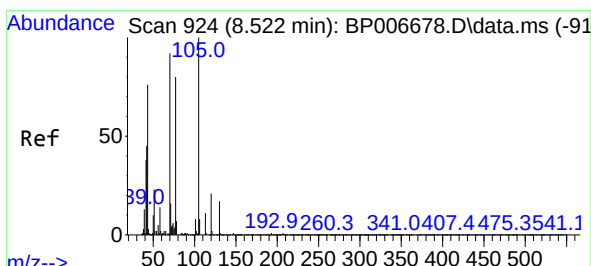
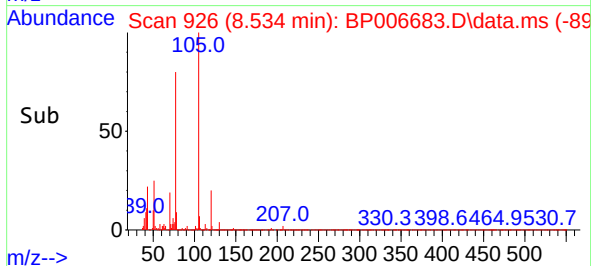
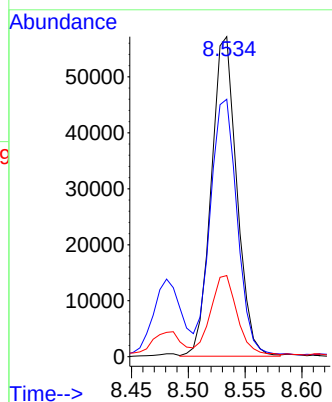
Instrument :  
BNA\_P  
ClientSampleId :  
MDL-MED-SOIL-QT3-2021-06



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 105   | Resp: | 89597 |
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 77       | 80.5  | 67.0  | 100.4 |
| 51       | 25.3  | 19.0  | 28.6  |

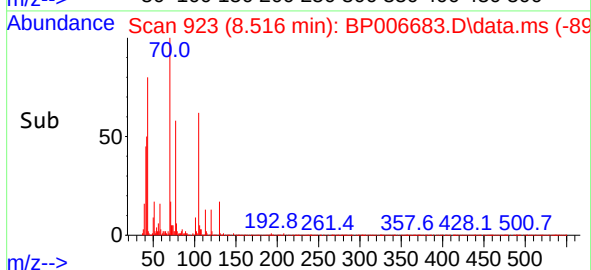
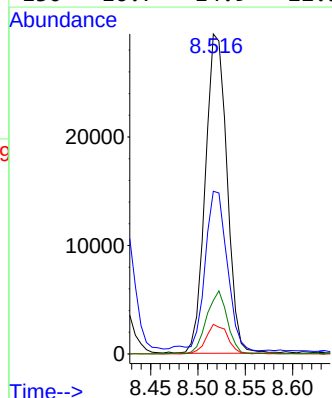
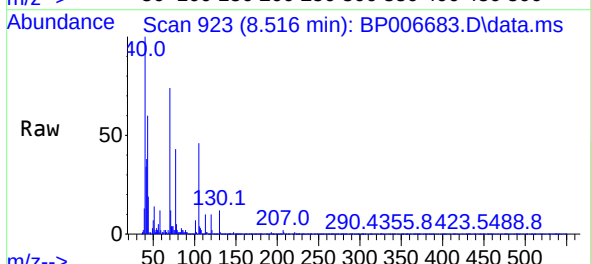
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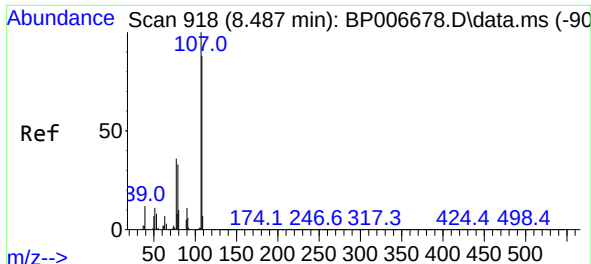


#17  
N-Nitroso-di-n-propylamine  
Concen: 4.258 ng/ul  
RT: 8.516 min Scan# 923  
Delta R.T. -0.006 min  
Lab File: BP006683.D  
Acq: 16 Aug 2021 14:29

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 46661 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 50.9  | 40.4  | 60.6  |
| 101      | 9.3   | 7.2   | 10.8  |
| 130      | 16.7  | 14.9  | 22.3  |

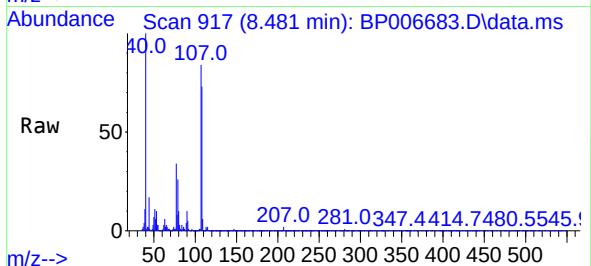






#18  
4-Methylphenol  
Concen: 4.033 ng/ul  
RT: 8.481 min Scan# 917  
Delta R.T. -0.006 min  
Lab File: BP006683.D  
Acq: 16 Aug 2021 14:29

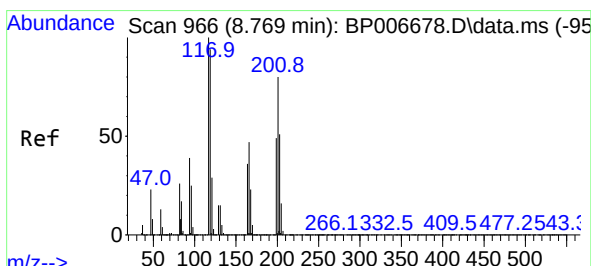
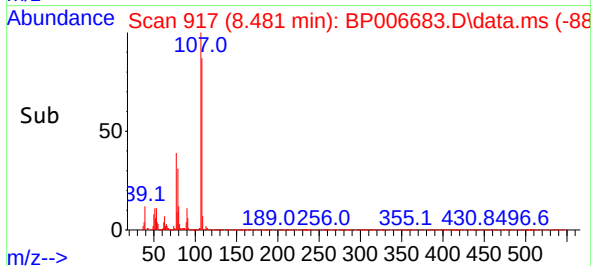
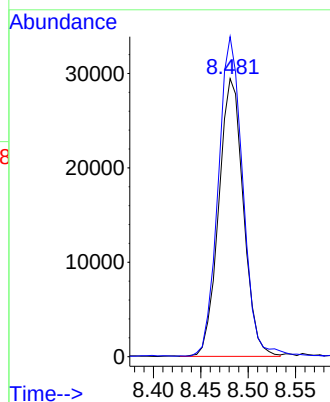
Instrument :  
BNA\_P  
ClientSampleId :  
MDL-MED-SOIL-QT3-2021-06



Tgt Ion:108 Resp: 53366  
Ion Ratio Lower Upper  
108 100  
107 115.1 88.6 133.0

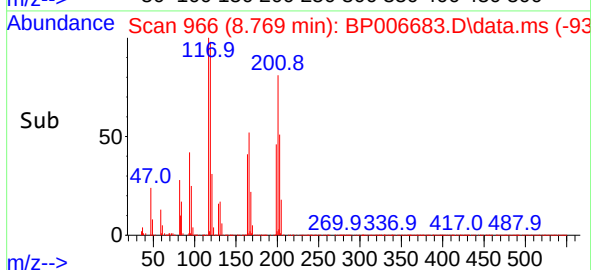
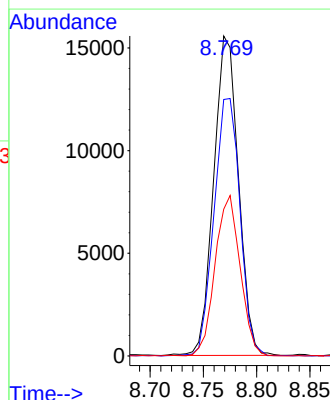
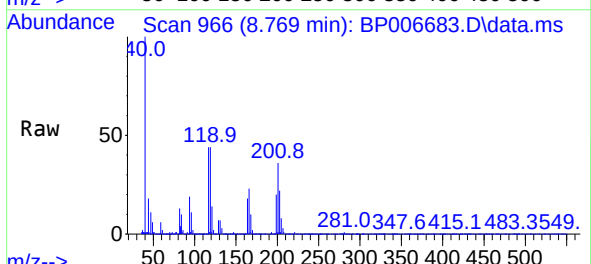
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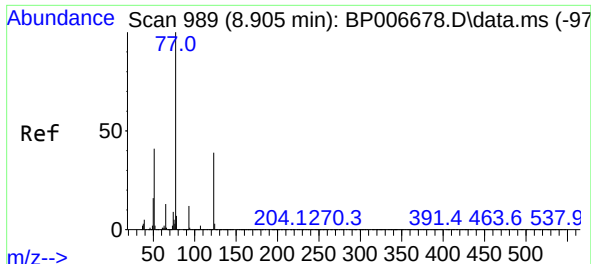
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#19  
Hexachloroethane  
Concen: 4.740 ng/ul  
RT: 8.769 min Scan# 966  
Delta R.T. -0.000 min  
Lab File: BP006683.D  
Acq: 16 Aug 2021 14:29

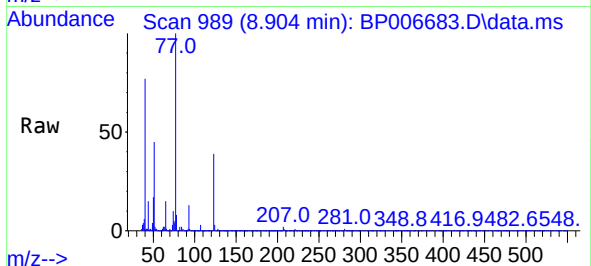
Tgt Ion:117 Resp: 25091  
Ion Ratio Lower Upper  
117 100  
201 80.2 68.2 102.2  
199 47.8 43.5 65.3





#22  
Nitrobenzene  
Concen: 4.667 ng/ul  
RT: 8.904 min Scan# 989  
Delta R.T. -0.000 min  
Lab File: BP006683.D  
Acq: 16 Aug 2021 14:29

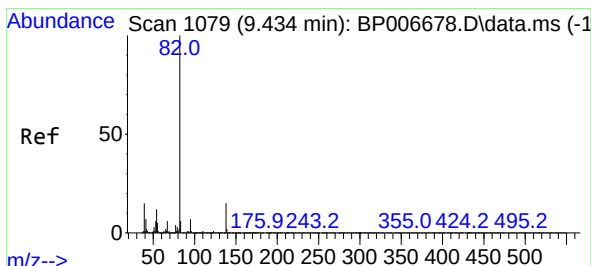
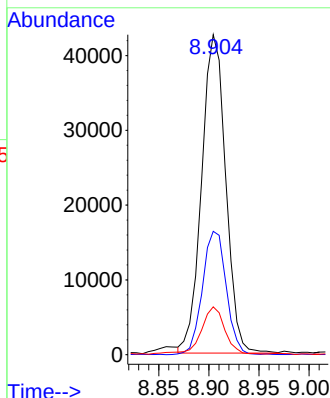
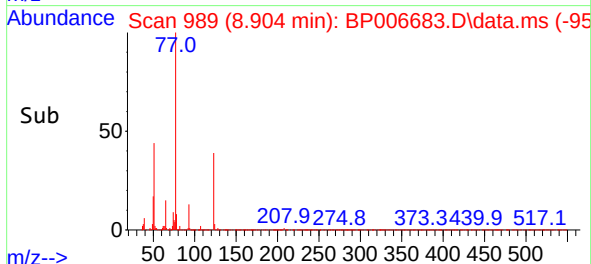
Instrument :  
BNA\_P  
ClientSampleId :  
MDL-MED-SOIL-QT3-2021-06



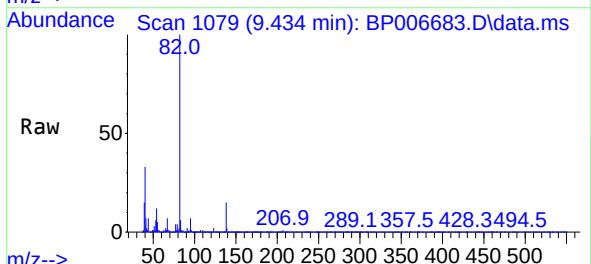
Tgt Ion: 77 Resp: 71358  
Ion Ratio Lower Upper  
77 100  
123 38.5 31.1 46.7  
65 15.0 10.6 16.0

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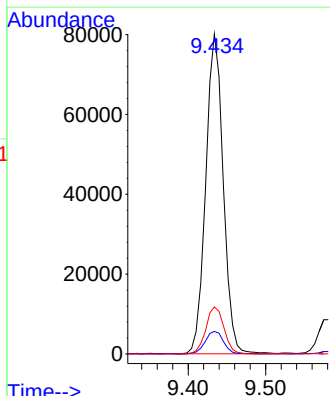
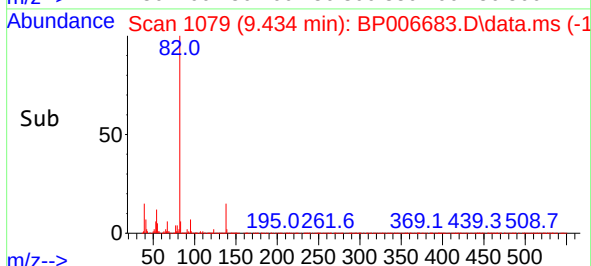
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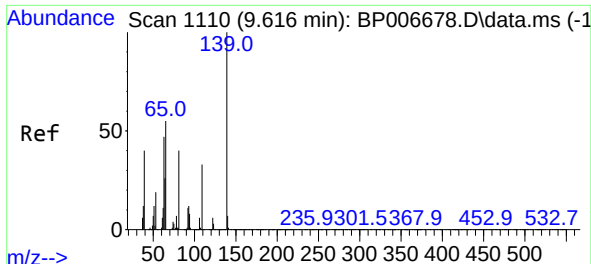


#23  
Isophorone  
Concen: 4.406 ng/ul  
RT: 9.434 min Scan# 1079  
Delta R.T. -0.000 min  
Lab File: BP006683.D  
Acq: 16 Aug 2021 14:29



Tgt Ion: 82 Resp: 125625  
Ion Ratio Lower Upper  
82 100  
95 7.1 5.8 8.8  
138 14.7 12.5 18.7





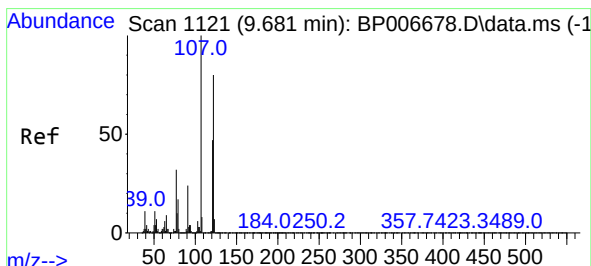
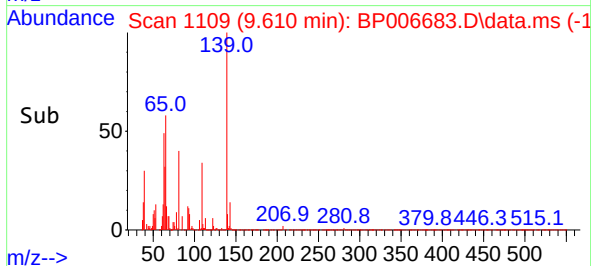
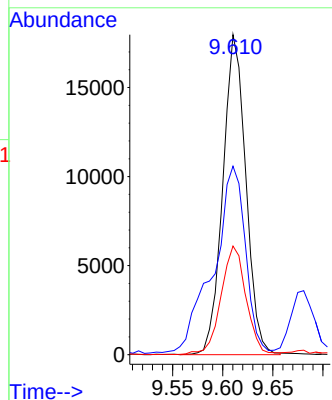
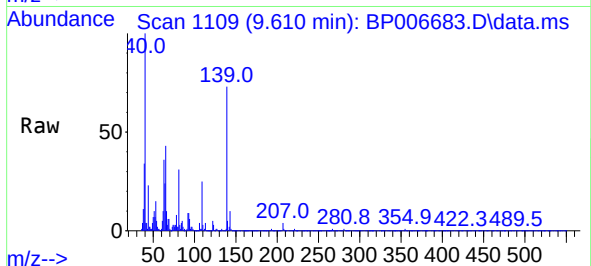
#25  
2-Nitrophenol  
Concen: 4.439 ng/ul  
RT: 9.610 min Scan# 1109  
Delta R.T. -0.006 min  
Lab File: BP006683.D  
Acq: 16 Aug 2021 14:29

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-MED-SOIL-QT3-2021-06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 65      | 58.9  | 48.4  | 72.6  |
| 109     | 33.9  | 28.2  | 42.2  |

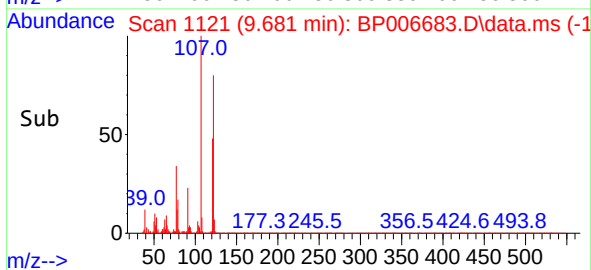
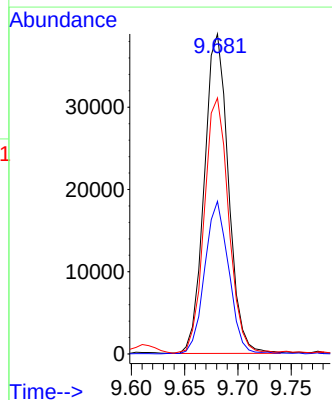
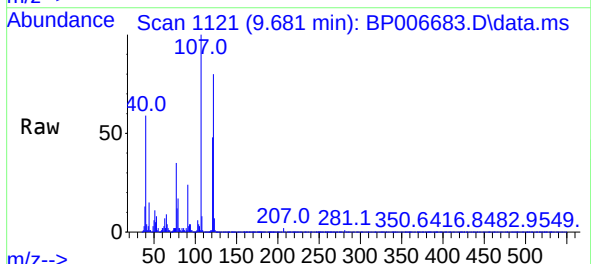
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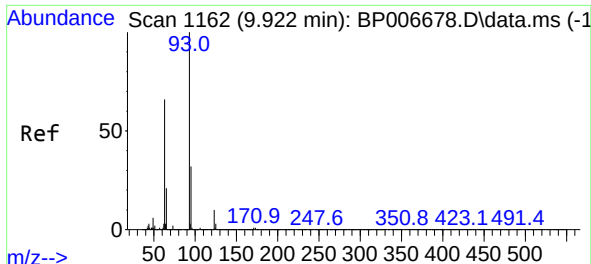
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#26  
2,4-Dimethylphenol  
Concen: 4.419 ng/ul  
RT: 9.681 min Scan# 1121  
Delta R.T. -0.000 min  
Lab File: BP006683.D  
Acq: 16 Aug 2021 14:29

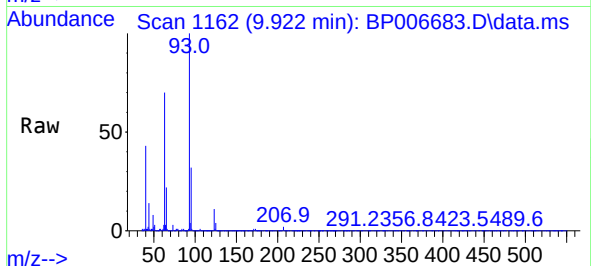
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 121     | 47.7  | 38.1  | 57.1  |
| 122     | 80.0  | 64.2  | 96.4  |





#27  
 Bis(2-Chloroethoxy)methane  
 Concen: 4.502 ng/ul  
 RT: 9.922 min Scan# 1162  
 Delta R.T. -0.000 min  
 Lab File: BP006683.D  
 Acq: 16 Aug 2021 14:29

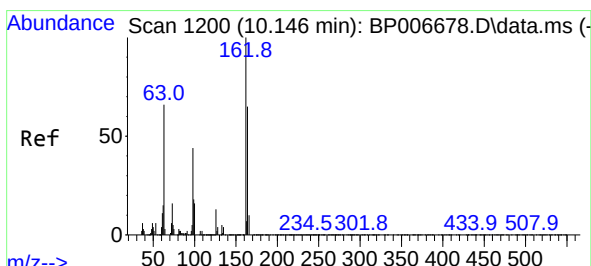
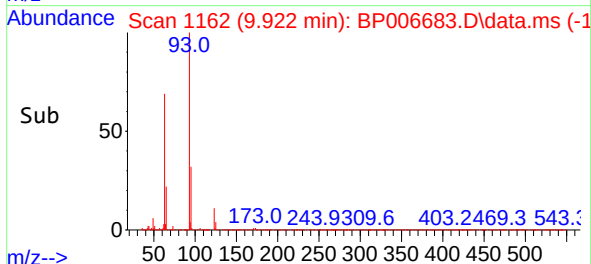
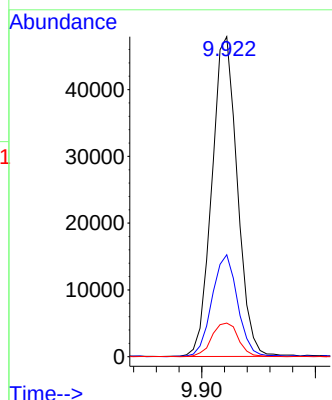
Instrument :  
 BNA\_P  
 ClientSampleId :  
 MDL-MED-SOIL-QT3-2021-06



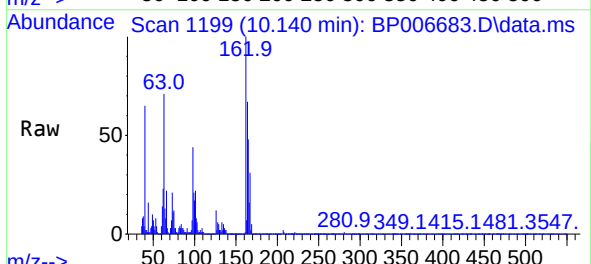
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 74418 |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 95       | 31.9  | 25.6  | 38.4  |
| 123      | 10.5  | 8.2   | 12.4  |

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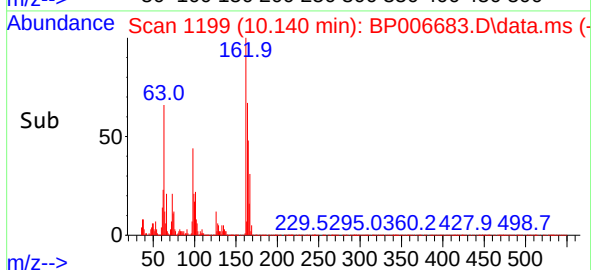
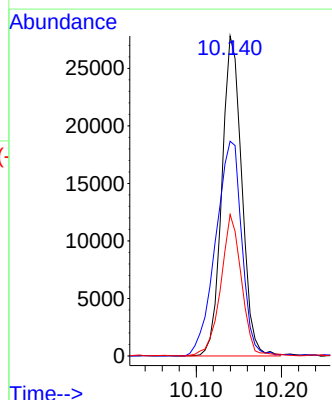
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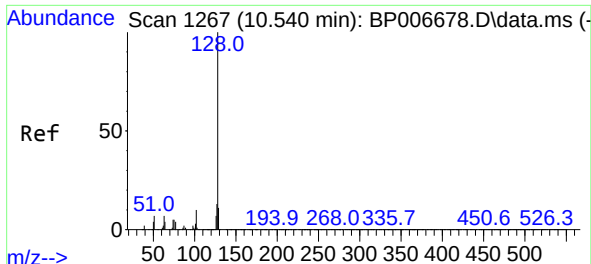


#29  
 2,4-Dichlorophenol  
 Concen: 4.498 ng/ul  
 RT: 10.140 min Scan# 1199  
 Delta R.T. -0.006 min  
 Lab File: BP006683.D  
 Acq: 16 Aug 2021 14:29



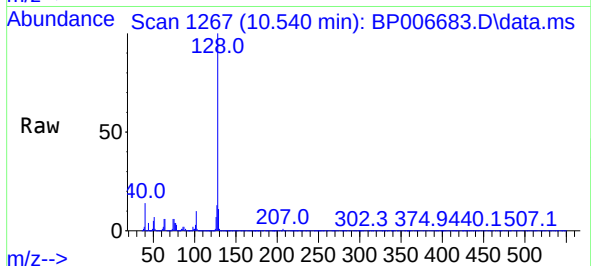
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 162   | Resp: | 45059 |
| Ion      | Ratio | Lower | Upper |
| 162      | 100   |       |       |
| 164      | 67.1  | 52.0  | 78.0  |
| 98       | 44.2  | 34.3  | 51.5  |





#30  
Naphthalene  
Concen: 4.674 ng/ul  
RT: 10.540 min Scan# 1267  
Delta R.T. -0.000 min  
Lab File: BP006683.D  
Acq: 16 Aug 2021 14:29

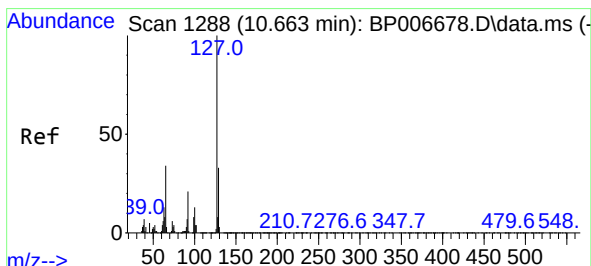
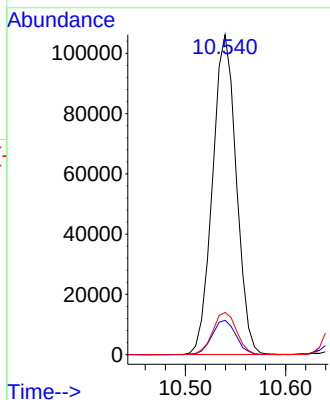
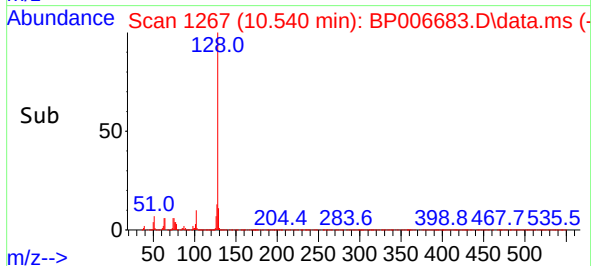
Instrument :  
BNA\_P  
ClientSampleId :  
MDL-MED-SOIL-QT3-2021-06



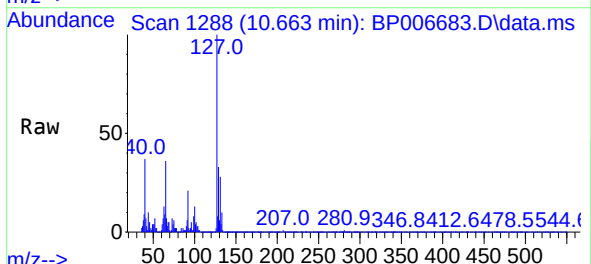
Tgt Ion:128 Resp: 174528  
Ion Ratio Lower Upper  
128 100  
129 10.7 8.8 13.2  
127 13.2 10.6 15.8

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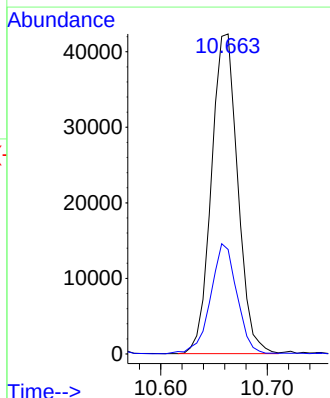
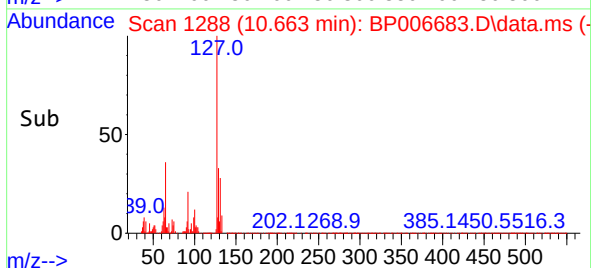
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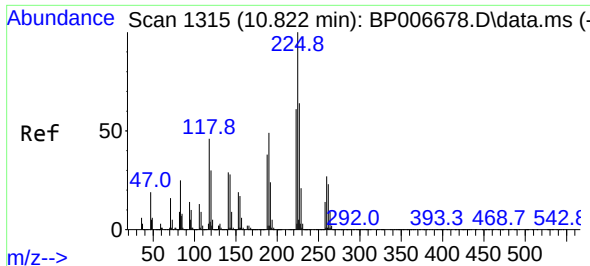


#32  
4-Chloroaniline  
Concen: 4.408 ng/ul  
RT: 10.663 min Scan# 1288  
Delta R.T. -0.000 min  
Lab File: BP006683.D  
Acq: 16 Aug 2021 14:29



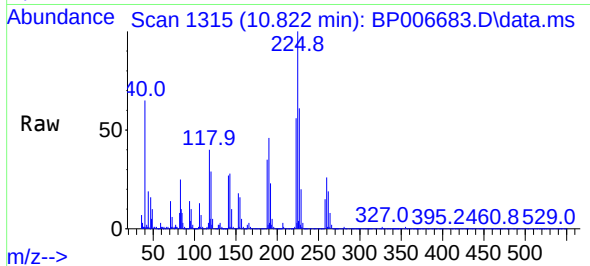
Tgt Ion:127 Resp: 72593  
Ion Ratio Lower Upper  
127 100  
129 32.7 25.7 38.5





#33  
Hexachlorobutadiene  
Concen: 4.859 ng/ul  
RT: 10.822 min Scan# 1315  
Delta R.T. -0.000 min  
Lab File: BP006683.D  
Acq: 16 Aug 2021 14:29

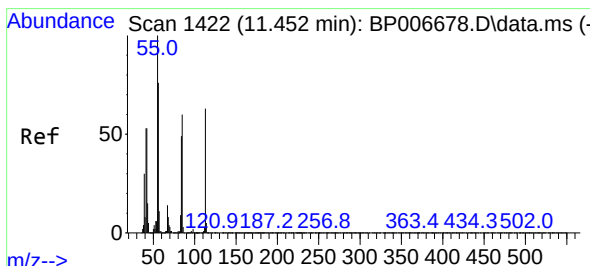
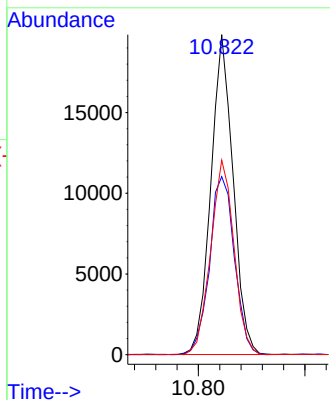
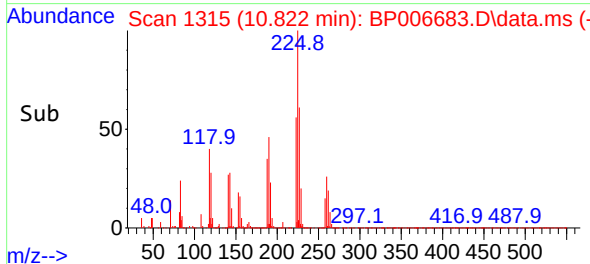
Instrument :  
BNA\_P  
ClientSampleId :  
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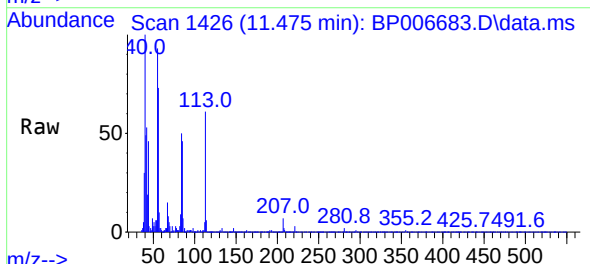
Tgt Ion:225 Resp: 28697  
Ion Ratio Lower Upper  
225 100  
223 55.6 48.2 72.2  
227 60.8 49.6 74.4

Manual Integrations  
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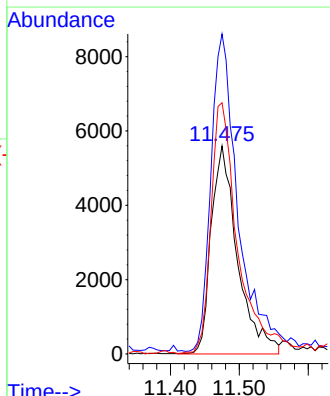
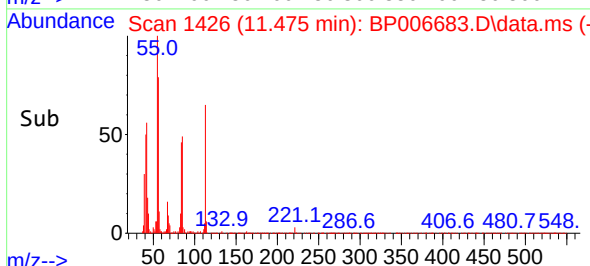
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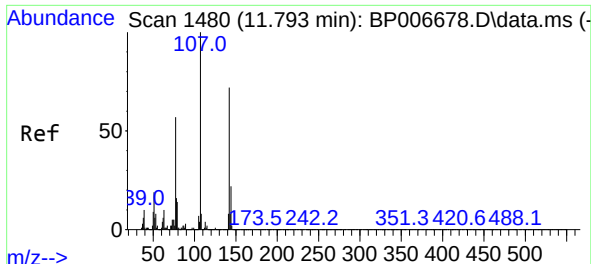


#34  
Caprolactam  
Concen: 3.715 ng/ul m  
RT: 11.475 min Scan# 1426  
Delta R.T. 0.023 min  
Lab File: BP006683.D  
Acq: 16 Aug 2021 14:29



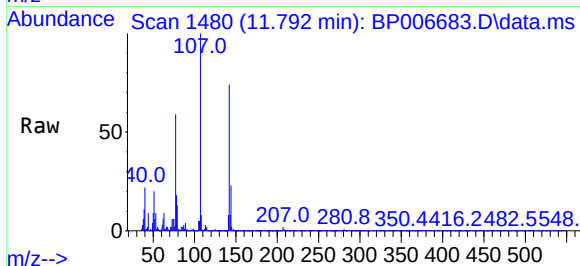
Tgt Ion:113 Resp: 14898  
Ion Ratio Lower Upper  
113 100  
55 153.8 125.8 188.6  
56 120.7 98.2 147.2





#35  
4-Chloro-3-methylphenol  
Concen: 4.086 ng/ul  
RT: 11.792 min Scan# 1480  
Delta R.T. -0.000 min  
Lab File: BP006683.D  
Acq: 16 Aug 2021 14:29

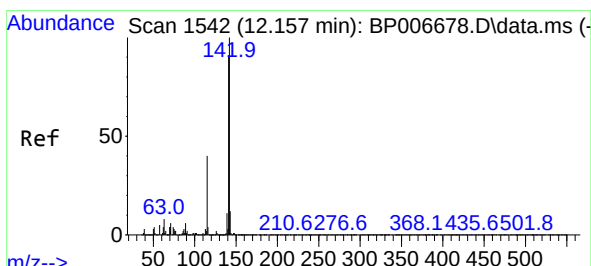
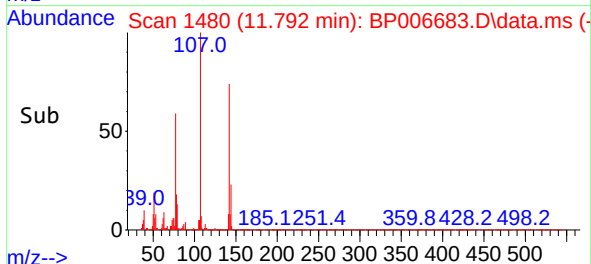
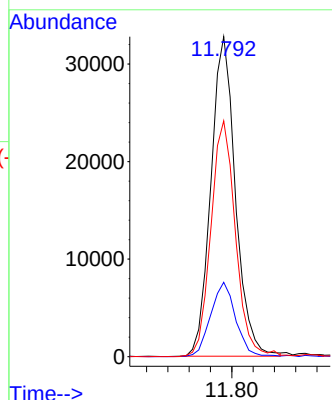
Instrument :  
BNA\_P  
ClientSampleId :  
MDL-MED-SOIL-QT3-2021-06



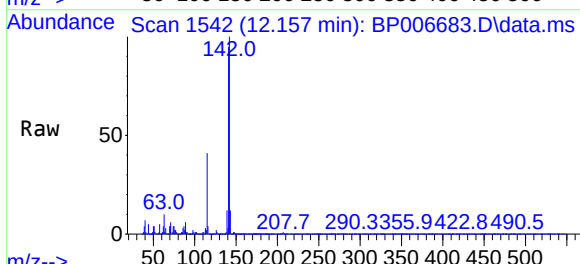
Tgt Ion:107 Resp: 52365  
Ion Ratio Lower Upper  
107 100  
144 23.3 18.8 28.2  
142 73.7 58.4 87.6

Manual Integrations  
APPROVED

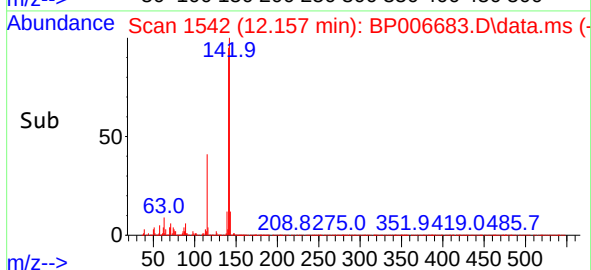
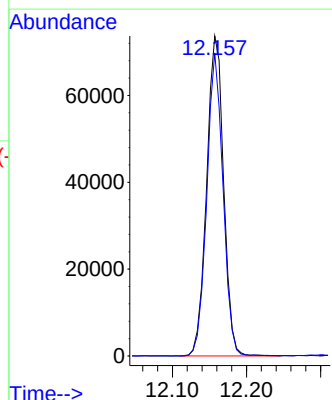
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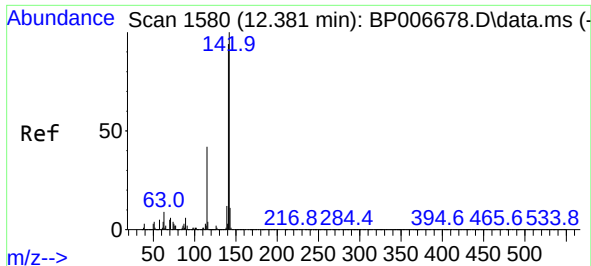


#36  
2-Methylnaphthalene  
Concen: 4.561 ng/ul  
RT: 12.157 min Scan# 1542  
Delta R.T. -0.000 min  
Lab File: BP006683.D  
Acq: 16 Aug 2021 14:29



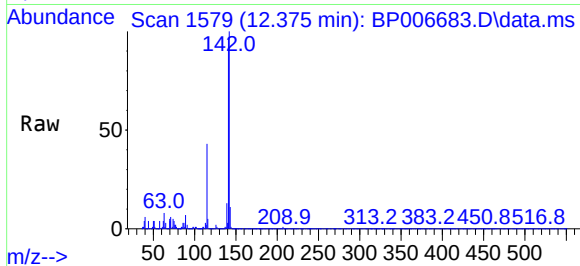
Tgt Ion:142 Resp: 117036  
Ion Ratio Lower Upper  
142 100  
141 94.7 72.3 108.5





#37  
1-Methylnaphthalene  
Concen: 4.475 ng/ul  
RT: 12.375 min Scan# 1579  
Delta R.T. -0.006 min  
Lab File: BP006683.D  
Acq: 16 Aug 2021 14:29

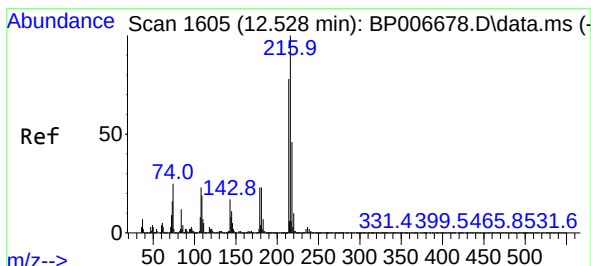
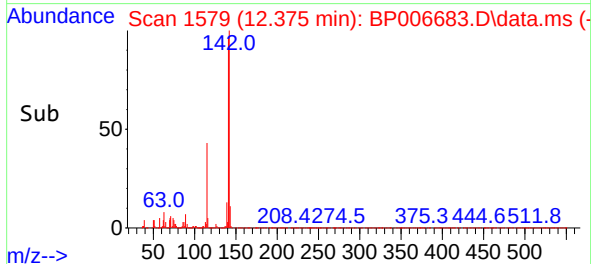
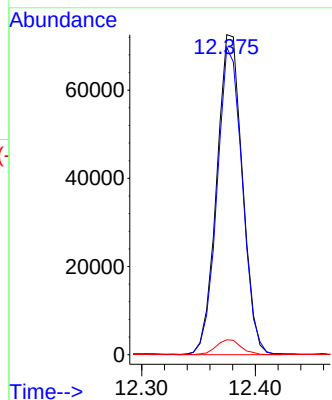
Instrument :  
BNA\_P  
ClientSampleId :  
MDL-MED-SOIL-QT3-2021-06



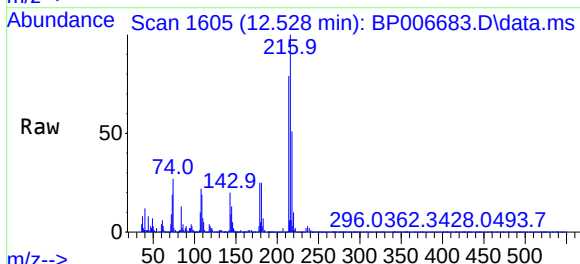
Tgt Ion:142 Resp: 114283  
Ion Ratio Lower Upper  
142 100  
141 96.0 74.9 112.3  
116 4.7 3.3 4.9

Manual Integrations  
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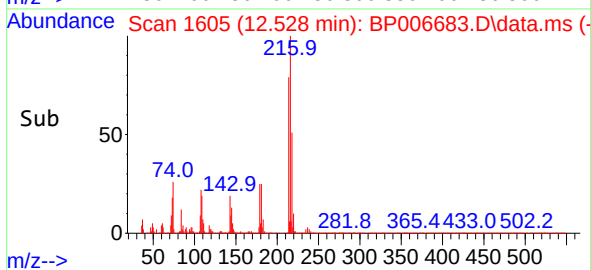
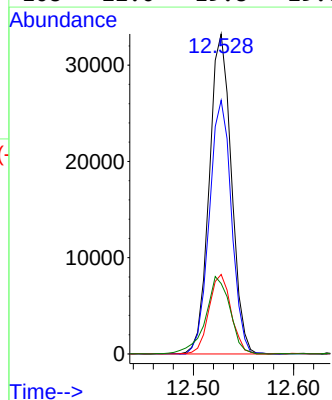
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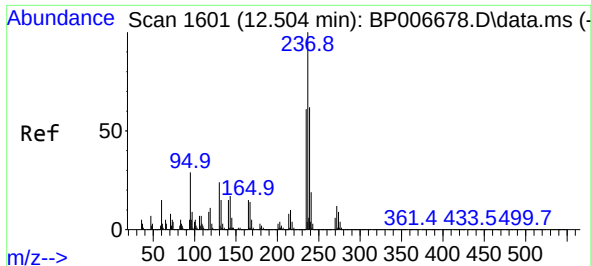
#39  
1,2,4,5-Tetrachlorobenzene  
Concen: 4.700 ng/ul  
RT: 12.528 min Scan# 1605  
Delta R.T. -0.000 min  
Lab File: BP006683.D  
Acq: 16 Aug 2021 14:29



Tgt Ion:216 Resp: 50891  
Ion Ratio Lower Upper  
216 100  
214 79.3 64.3 96.5  
179 24.8 19.3 28.9  
108 22.0 19.8 29.6

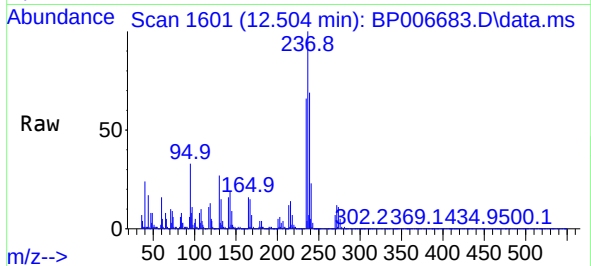






#40  
Hexachlorocyclopentadiene  
Concen: 3.565 ng/ul  
RT: 12.504 min Scan# 1601  
Delta R.T. -0.000 min  
Lab File: BP006683.D  
Acq: 16 Aug 2021 14:29

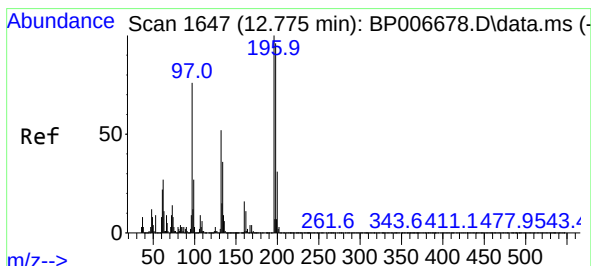
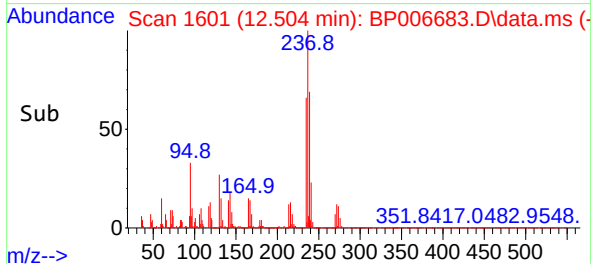
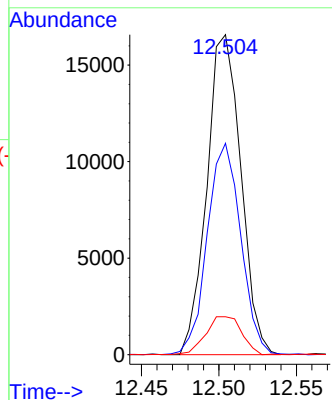
Instrument :  
BNA\_P  
ClientSampleId :  
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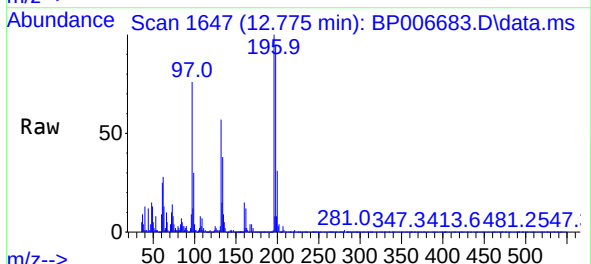
Tgt Ion:237 Resp: 25321  
Ion Ratio Lower Upper  
237 100  
235 70.4 50.4 75.6  
272 12.8 9.7 14.5

Manual Integrations  
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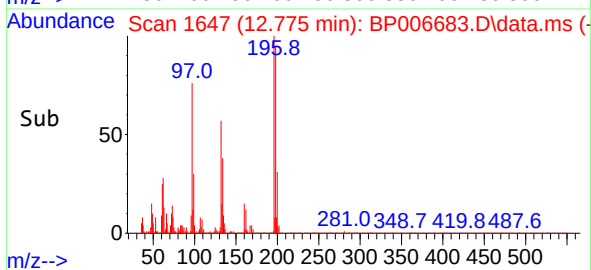
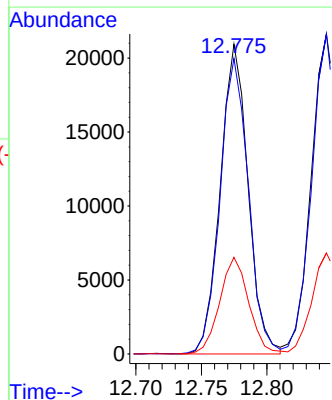
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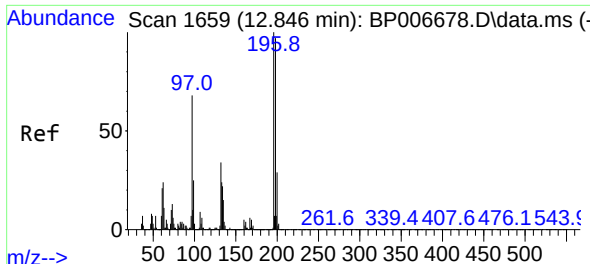


#41  
2,4,6-Trichlorophenol  
Concen: 4.158 ng/ul  
RT: 12.775 min Scan# 1647  
Delta R.T. -0.000 min  
Lab File: BP006683.D  
Acq: 16 Aug 2021 14:29



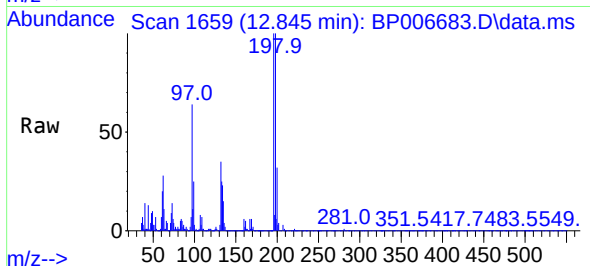
Tgt Ion:196 Resp: 30914  
Ion Ratio Lower Upper  
196 100  
198 95.4 76.2 114.4  
200 31.2 24.6 36.8





#42  
2,4,5-Trichlorophenol  
Concen: 4.215 ng/ul  
RT: 12.845 min Scan# 1659  
Delta R.T. -0.000 min  
Lab File: BP006683.D  
Acq: 16 Aug 2021 14:29

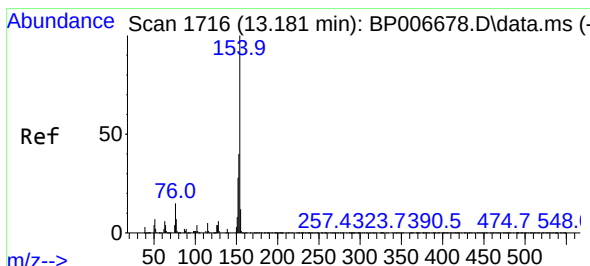
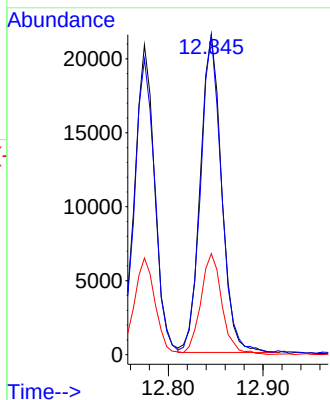
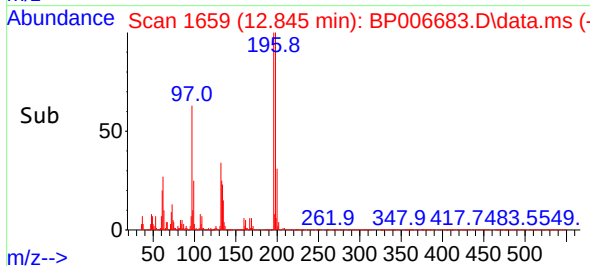
Instrument :  
BNA\_P  
ClientSampleId :  
MDL-MED-SOIL-QT3-2021-06



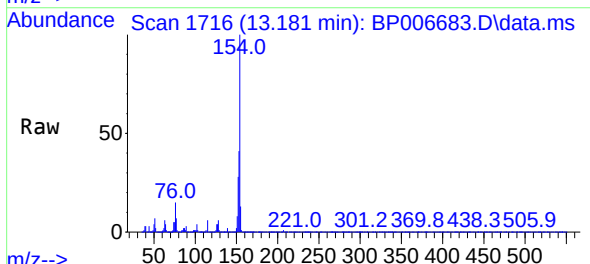
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 196   | Resp: | 33366 |
| Ion      | Ratio | Lower | Upper |
| 196      | 100   |       |       |
| 198      | 100.0 | 79.3  | 118.9 |
| 200      | 31.6  | 25.8  | 38.8  |

Manual Integrations  
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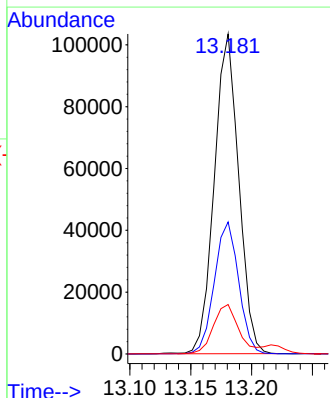
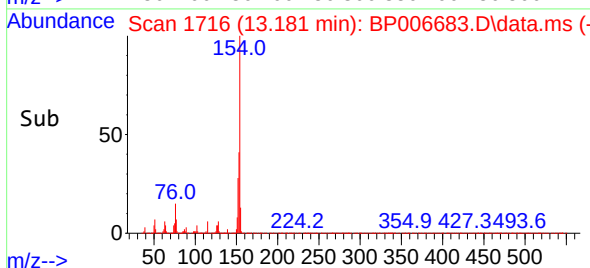
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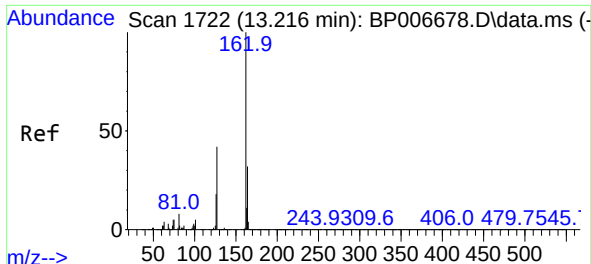


#43  
1,1'-Biphenyl  
Concen: 4.618 ng/ul  
RT: 13.181 min Scan# 1716  
Delta R.T. -0.000 min  
Lab File: BP006683.D  
Acq: 16 Aug 2021 14:29



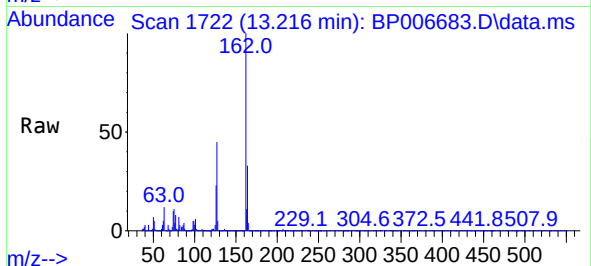
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 154   | Resp: | 144237 |
| Ion      | Ratio | Lower | Upper  |
| 154      | 100   |       |        |
| 153      | 41.2  | 32.4  | 48.6   |
| 76       | 15.5  | 12.9  | 19.3   |





#44  
2-Chloronaphthalene  
Concen: 4.617 ng/ul  
RT: 13.216 min Scan# 1722  
Delta R.T. -0.000 min  
Lab File: BP006683.D  
Acq: 16 Aug 2021 14:29

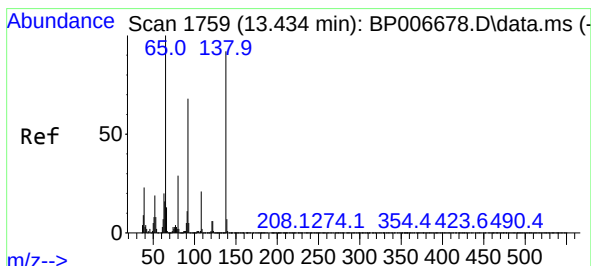
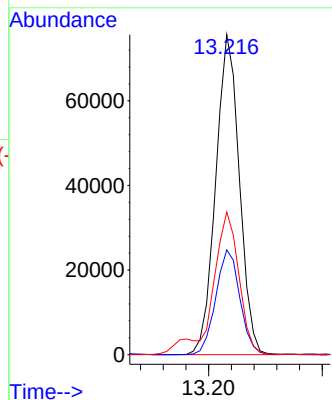
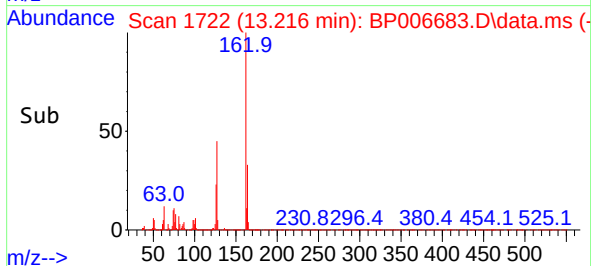
Instrument :  
BNA\_P  
ClientSampleId :  
MDL-MED-SOIL-QT3-2021-06



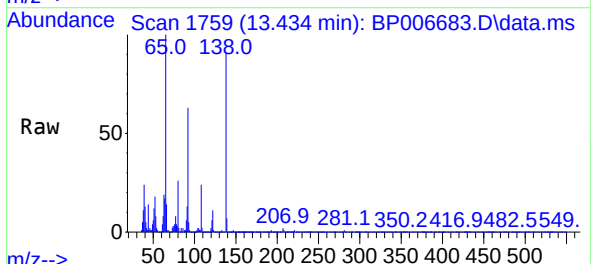
Tgt Ion:162 Resp: 109409  
Ion Ratio Lower Upper  
162 100  
164 32.7 25.6 38.4  
127 44.6 36.2 54.2

Manual Integrations  
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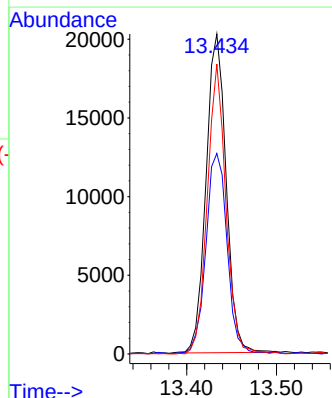
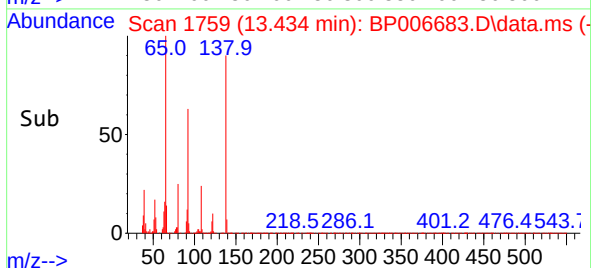
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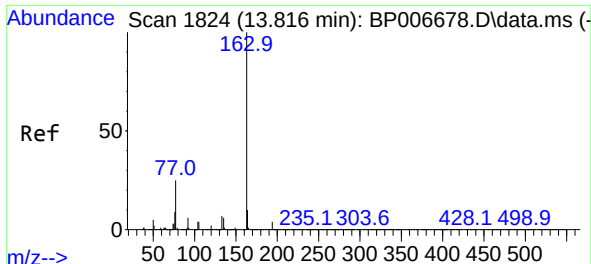


#45  
2-Nitroaniline  
Concen: 3.682 ng/ul  
RT: 13.434 min Scan# 1759  
Delta R.T. -0.000 min  
Lab File: BP006683.D  
Acq: 16 Aug 2021 14:29



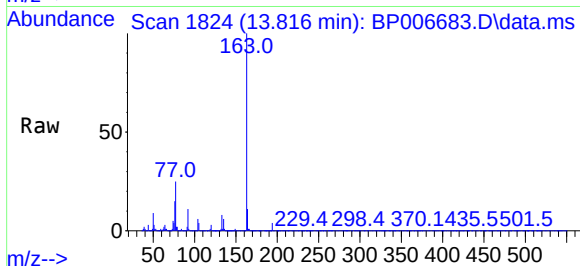
Tgt Ion: 65 Resp: 31461  
Ion Ratio Lower Upper  
65 100  
92 62.6 53.7 80.5  
138 90.6 71.4 107.2





#47  
Dimethylphthalate  
Concen: 4.666 ng/ul  
RT: 13.816 min Scan# 1824  
Delta R.T. -0.000 min  
Lab File: BP006683.D  
Acq: 16 Aug 2021 14:29

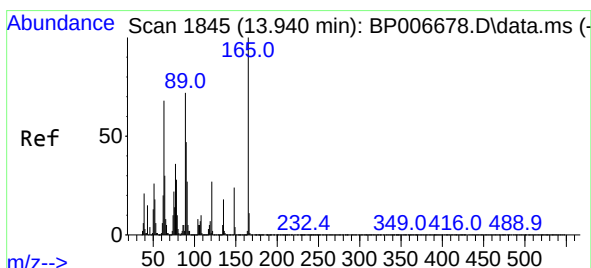
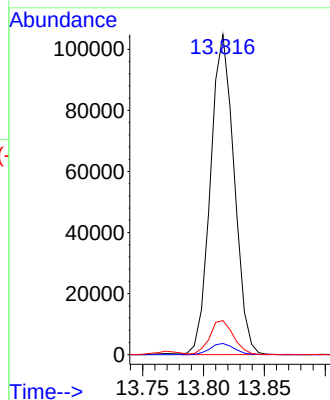
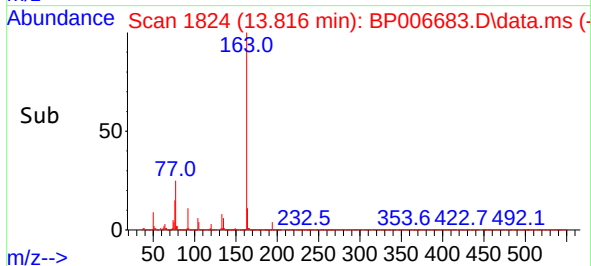
Instrument :  
BNA\_P  
ClientSampleId :  
MDL-MED-SOIL-QT3-2021-06



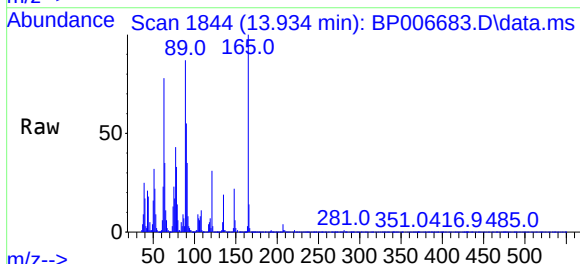
Tgt Ion:163 Resp: 142191  
Ion Ratio Lower Upper  
163 100  
194 3.5 3.0 4.4  
164 10.7 7.8 11.8

Manual Integrations  
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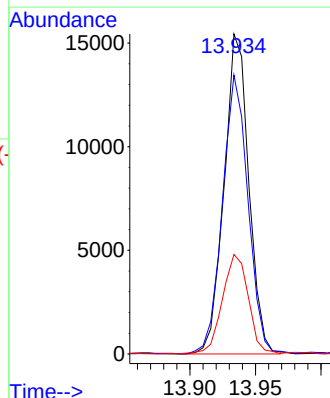
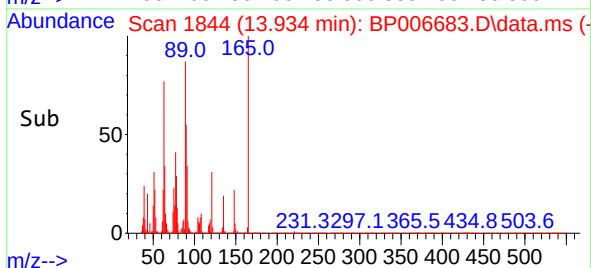
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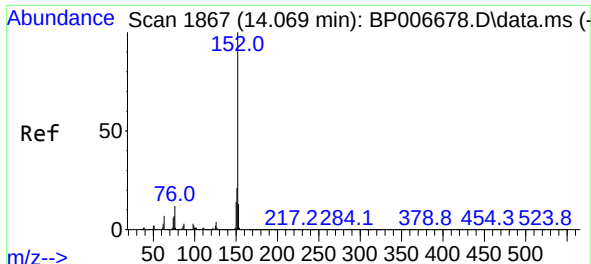


#48  
2,6-Dinitrotoluene  
Concen: 3.439 ng/ul  
RT: 13.934 min Scan# 1844  
Delta R.T. -0.006 min  
Lab File: BP006683.D  
Acq: 16 Aug 2021 14:29



Tgt Ion:165 Resp: 20226  
Ion Ratio Lower Upper  
165 100  
89 87.2 62.2 93.2  
121 31.1 22.1 33.1





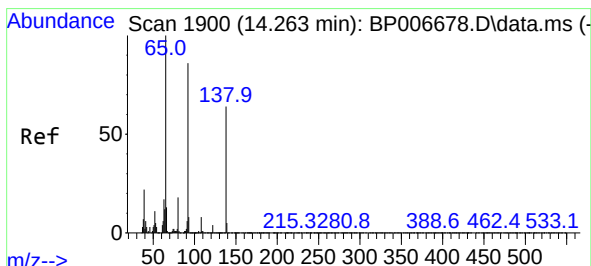
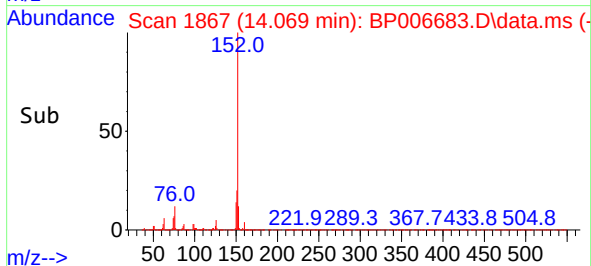
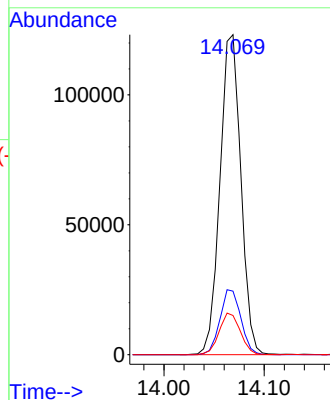
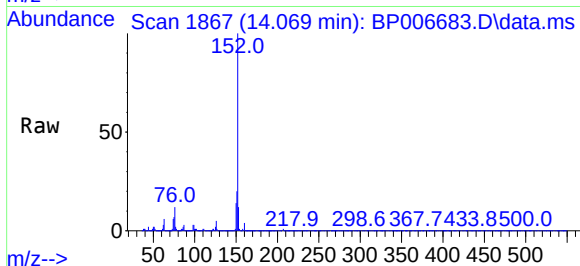
#50  
Acenaphthylene  
Concen: 4.817 ng/ul  
RT: 14.069 min Scan# 1867  
Delta R.T. -0.000 min  
Lab File: BP006683.D  
Acq: 16 Aug 2021 14:29

Tgt Ion:152 Resp: 177950  
Ion Ratio Lower Upper  
152 100  
151 19.8 15.9 23.9  
153 12.2 10.4 15.6

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-MED-SOIL-QT3-2021-06

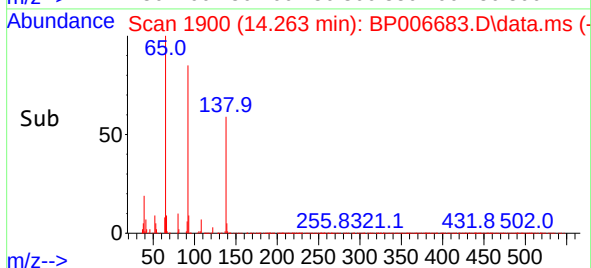
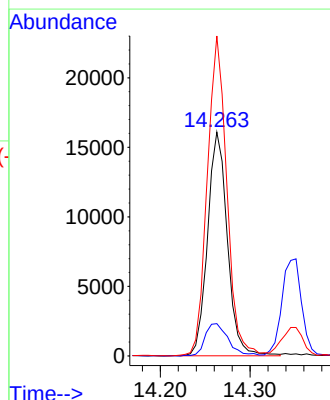
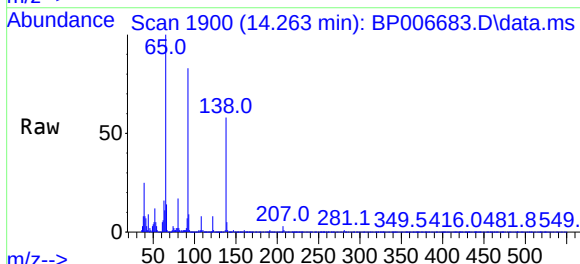
Manual Integrations  
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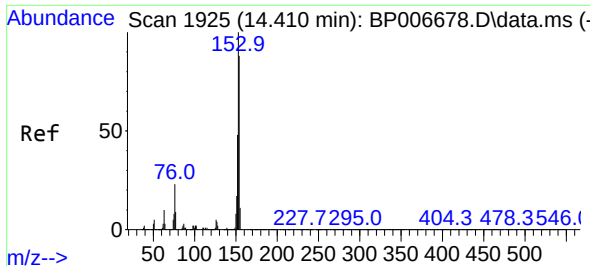
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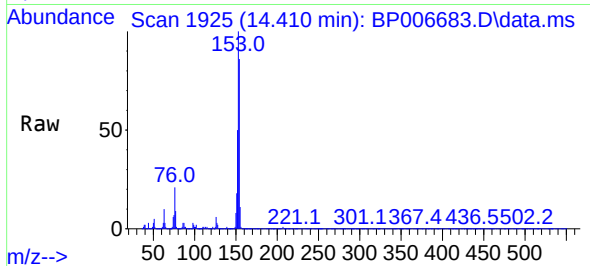
#51  
3-Nitroaniline  
Concen: 3.662 ng/ul  
RT: 14.263 min Scan# 1900  
Delta R.T. -0.000 min  
Lab File: BP006683.D  
Acq: 16 Aug 2021 14:29

Tgt Ion:138 Resp: 24665  
Ion Ratio Lower Upper  
138 100  
108 14.4 9.7 14.5  
92 143.0 106.7 160.1





#52  
Acenaphthene  
Concen: 4.657 ng/ul  
RT: 14.410 min Scan# 1925  
Delta R.T. -0.000 min  
Lab File: BP006683.D  
Acq: 16 Aug 2021 14:29

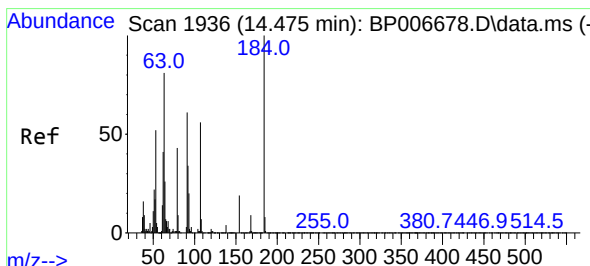
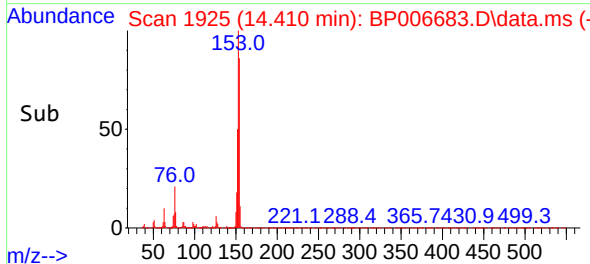
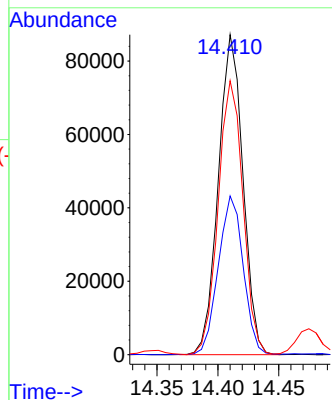


Tgt Ion:153 Resp: 122678  
Ion Ratio Lower Upper  
153 100  
152 49.6 38.6 57.8  
154 85.6 69.0 103.6

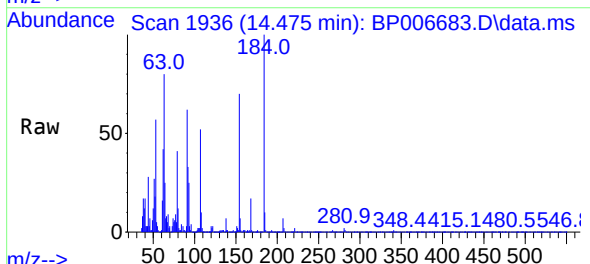
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BNA\_P  
ClientSampleId :  
MDL-MED-SOIL-QT3-2021-06

Manual Integrations  
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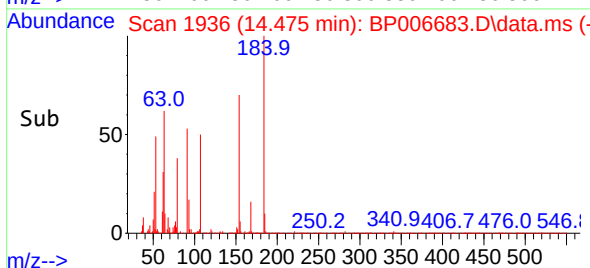
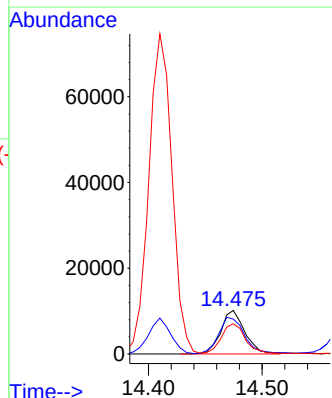
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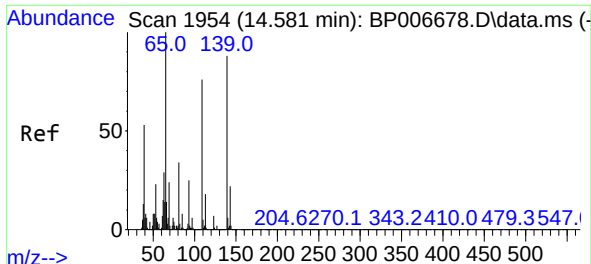


#53  
2,4-Dinitrophenol  
Concen: 3.904 ng/ul  
RT: 14.475 min Scan# 1936  
Delta R.T. -0.000 min  
Lab File: BP006683.D  
Acq: 16 Aug 2021 14:29



Tgt Ion:184 Resp: 14851  
Ion Ratio Lower Upper  
184 100  
63 80.4 73.4 110.2  
154 69.7 59.4 89.0





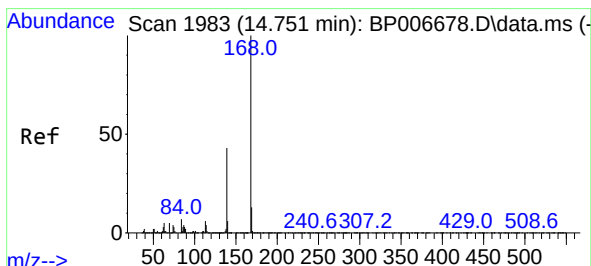
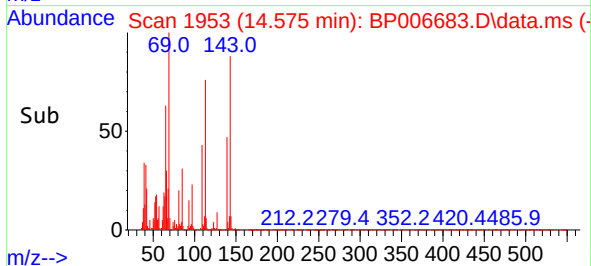
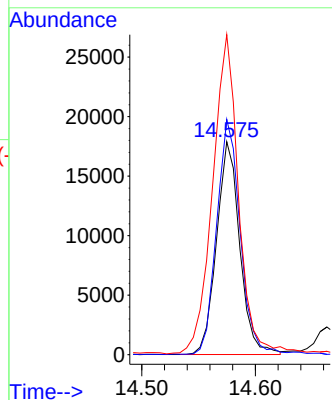
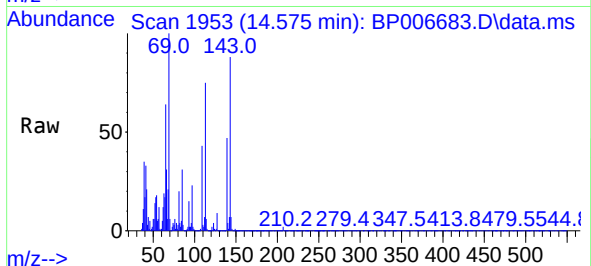
#55  
4-Nitrophenol  
Concen: 4.401 ng/ul  
RT: 14.575 min Scan# 1953  
Delta R.T. -0.006 min  
Lab File: BP006683.D  
Acq: 16 Aug 2021 14:29

Tgt Ion:109 Resp: 25398  
Ion Ratio Lower Upper  
109 100  
139 110.5 90.3 135.5  
65 150.2 102.2 153.2

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-MED-SOIL-QT3-2021-06

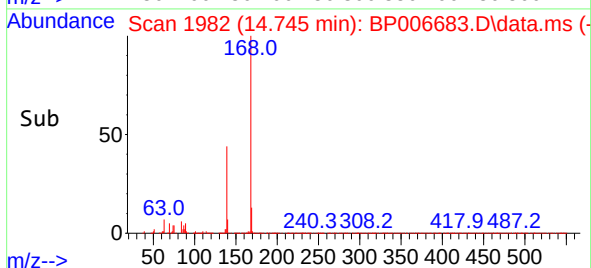
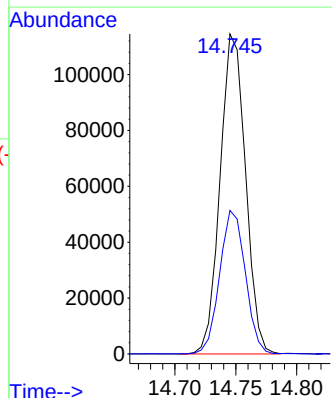
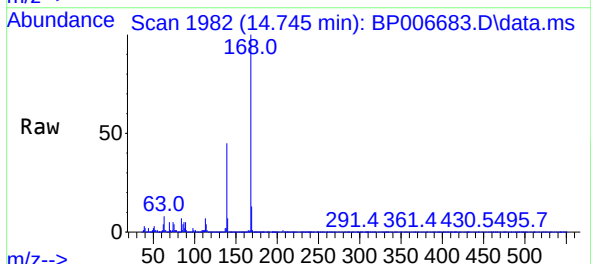
Manual Integrations  
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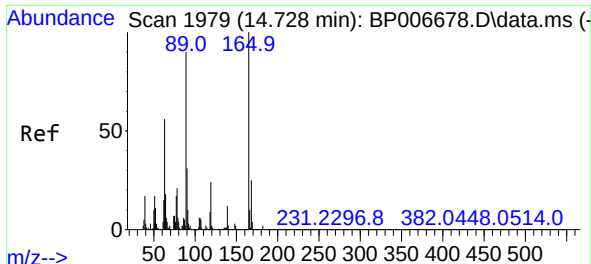
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#56  
Dibenzofuran  
Concen: 4.725 ng/ul  
RT: 14.745 min Scan# 1982  
Delta R.T. -0.006 min  
Lab File: BP006683.D  
Acq: 16 Aug 2021 14:29

Tgt Ion:168 Resp: 166423  
Ion Ratio Lower Upper  
168 100  
139 44.8 35.3 52.9





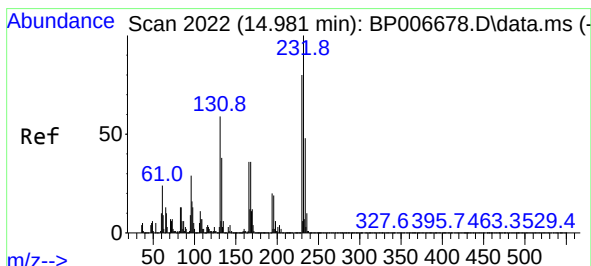
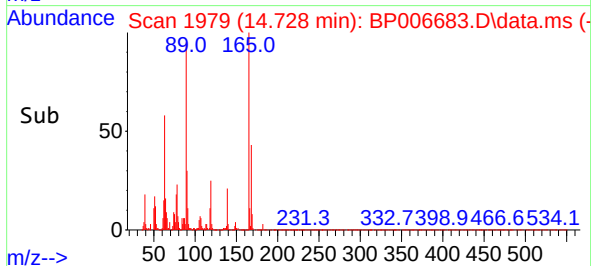
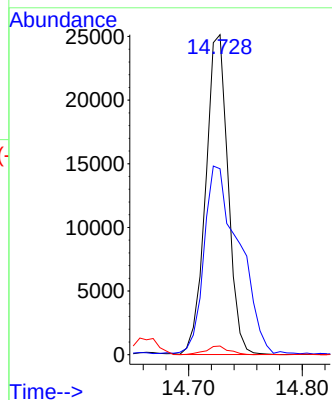
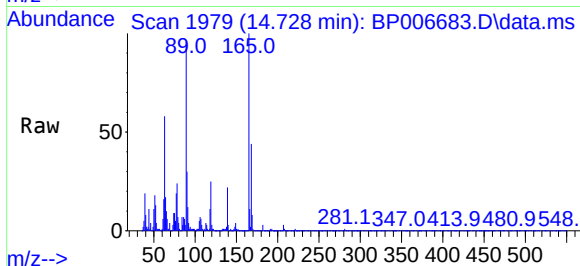
#57  
2,4-Dinitrotoluene  
Concen: 3.966 ng/ul  
RT: 14.728 min Scan# 1979  
Delta R.T. -0.000 min  
Lab File: BP006683.D  
Acq: 16 Aug 2021 14:29

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 165   | Resp: | 34317 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 58.1  | 45.2  | 67.8  |
| 182       | 2.7   | 1.9   | 2.9   |

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-MED-SOIL-QT3-2021-06

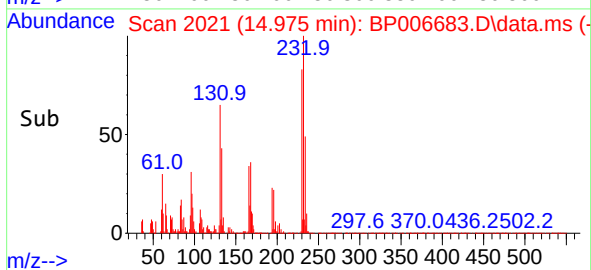
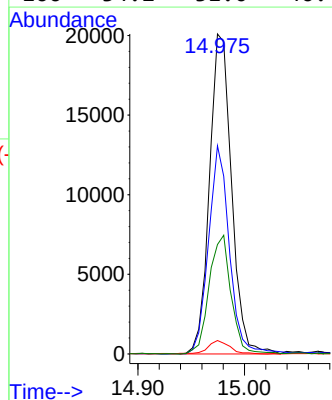
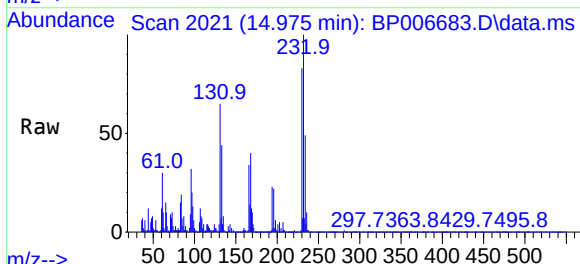
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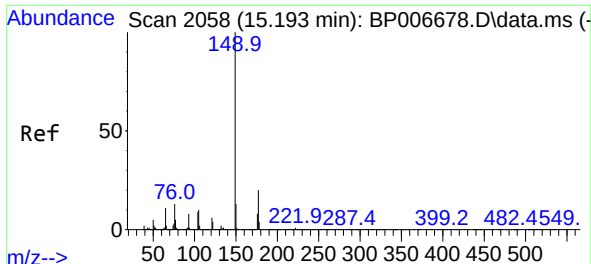


#58  
2,3,4,6-Tetrachlorophenol  
Concen: 4.402 ng/ul  
RT: 14.975 min Scan# 2021  
Delta R.T. -0.006 min  
Lab File: BP006683.D  
Acq: 16 Aug 2021 14:29

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 232   | Resp: | 28930 |
| Ion Ratio | Lower | Upper |       |
| 232       | 100   |       |       |
| 131       | 65.0  | 51.8  | 77.6  |
| 130       | 4.2   | 3.1   | 4.7   |
| 166       | 34.2  | 31.0  | 46.4  |

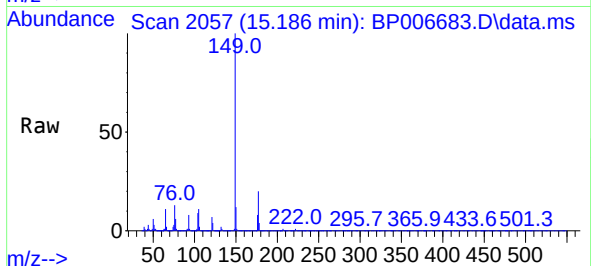






#59  
Diethylphthalate  
Concen: 4.461 ng/ul  
RT: 15.186 min Scan# 2057  
Delta R.T. -0.006 min  
Lab File: BP006683.D  
Acq: 16 Aug 2021 14:29

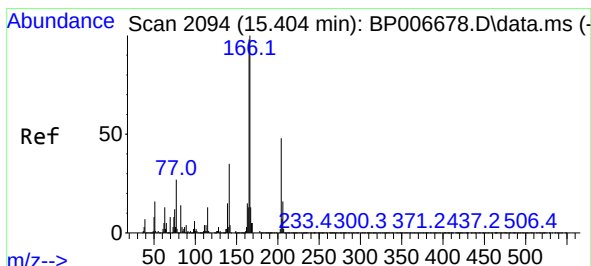
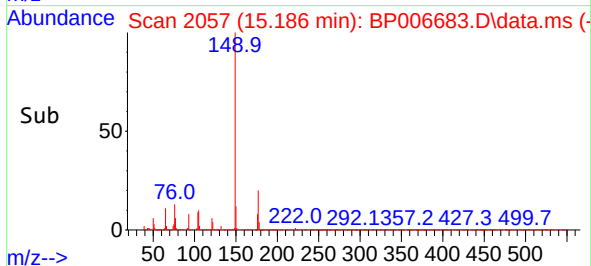
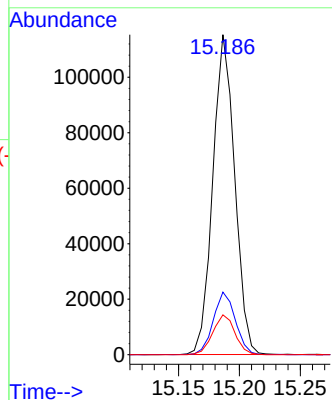
Instrument :  
BNA\_P  
ClientSampleId :  
MDL-MED-SOIL-QT3-2021-06



Tgt Ion:149 Resp: 144488  
Ion Ratio Lower Upper  
149 100  
177 19.5 15.5 23.3  
150 12.4 9.9 14.9

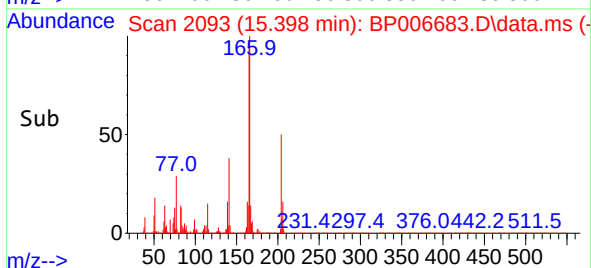
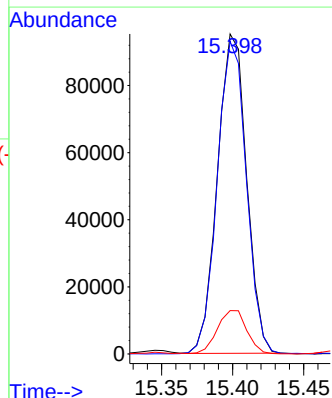
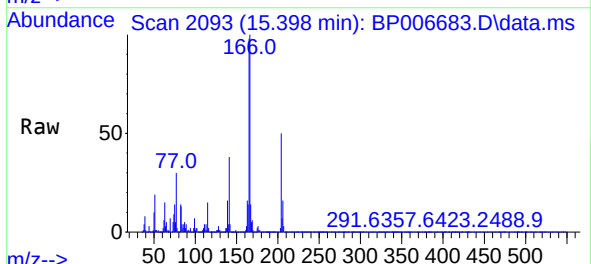
Manual Integrations  
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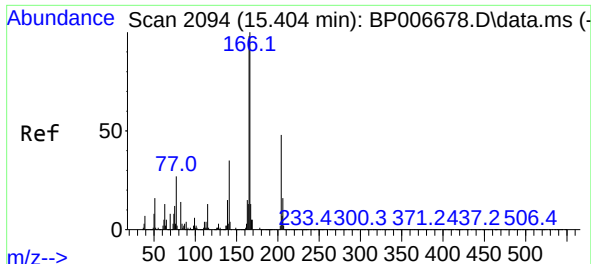
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#61  
Fluorene  
Concen: 4.633 ng/ul  
RT: 15.398 min Scan# 2093  
Delta R.T. -0.006 min  
Lab File: BP006683.D  
Acq: 16 Aug 2021 14:29

Tgt Ion:166 Resp: 136070  
Ion Ratio Lower Upper  
166 100  
165 97.7 79.6 119.4  
167 13.5 10.7 16.1





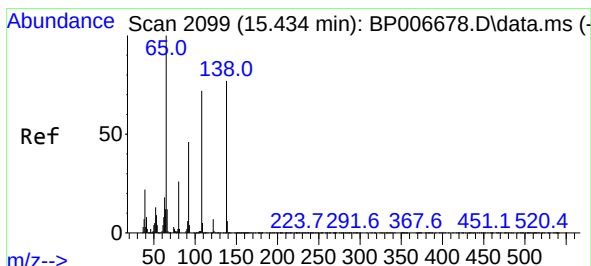
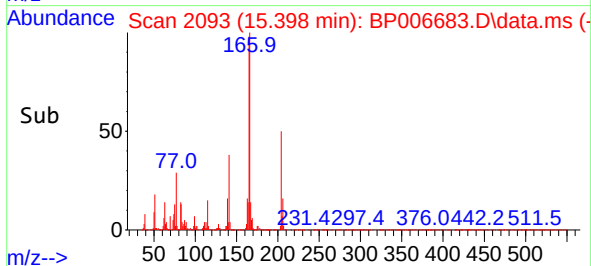
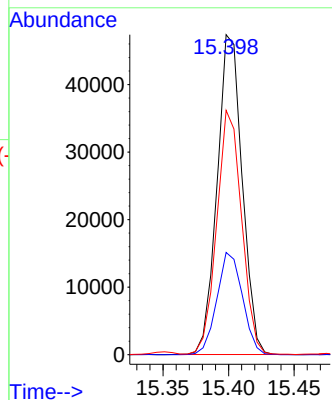
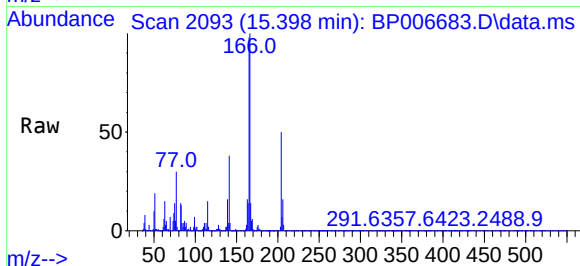
#62  
4-Chlorophenyl-phenylether  
Concen: 4.727 ng/ul  
RT: 15.398 min Scan# 2093  
Delta R.T. -0.006 min  
Lab File: BP006683.D  
Acq: 16 Aug 2021 14:29

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 204   | Resp: | 62842 |
| Ion Ratio | Lower | Upper |       |
| 204       | 100   |       |       |
| 206       | 32.0  | 26.3  | 39.5  |
| 141       | 76.4  | 62.0  | 93.0  |

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-MED-SOIL-QT3-2021-06

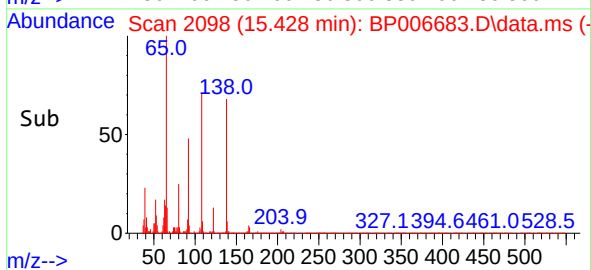
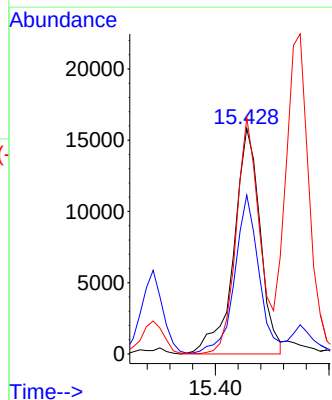
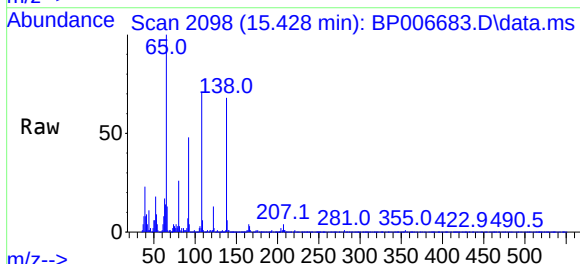
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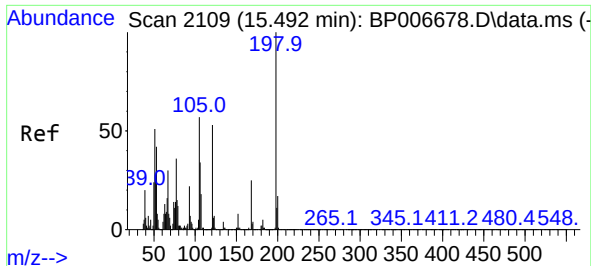
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#63  
4-Nitroaniline  
Concen: 4.042 ng/ul  
RT: 15.428 min Scan# 2098  
Delta R.T. -0.006 min  
Lab File: BP006683.D  
Acq: 16 Aug 2021 14:29

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 25496 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 92        | 70.5  | 47.1  | 70.7  |
| 108       | 104.8 | 73.8  | 110.8 |





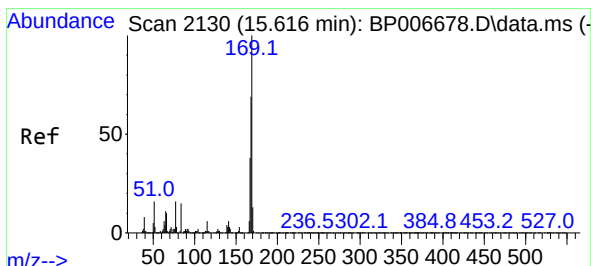
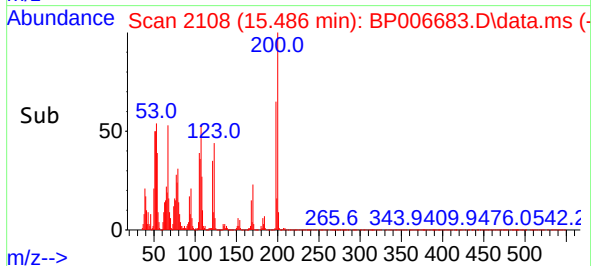
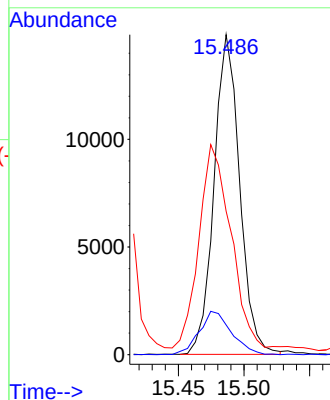
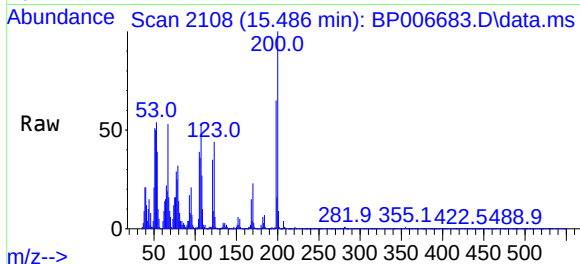
#66  
4,6-Dinitro-2-methylphenol  
Concen: 3.758 ng/ul  
RT: 15.486 min Scan# 2108  
Delta R.T. -0.006 min  
Lab File: BP006683.D  
Acq: 16 Aug 2021 14:29

Tgt Ion:198 Resp: 20146  
Ion Ratio Lower Upper  
198 100  
182 9.3 4.5 6.7#  
77 44.9 31.7 47.5

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-MED-SOIL-QT3-2021-06

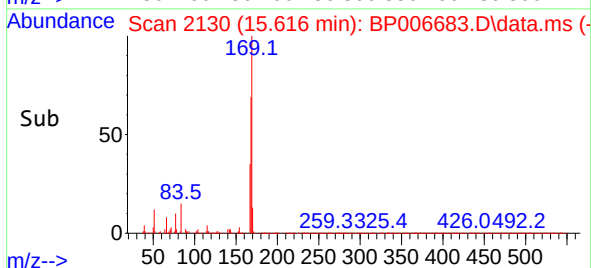
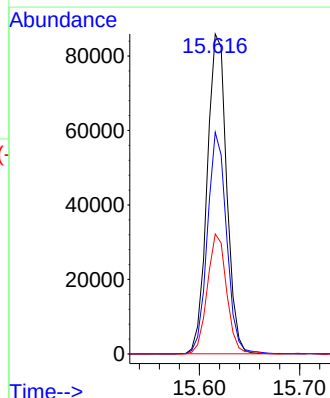
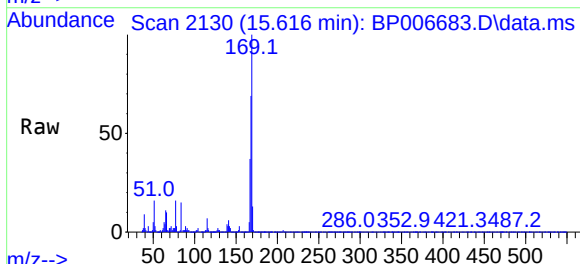
Manual Integrations  
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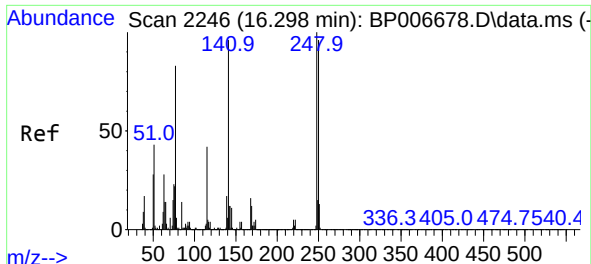
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#67  
N-Nitrosodiphenylamine  
Concen: 4.652 ng/ul  
RT: 15.616 min Scan# 2130  
Delta R.T. -0.000 min  
Lab File: BP006683.D  
Acq: 16 Aug 2021 14:29

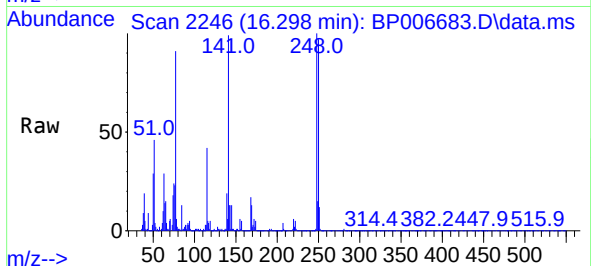
Tgt Ion:169 Resp: 115940  
Ion Ratio Lower Upper  
169 100  
168 69.3 53.9 80.9  
167 37.5 30.0 45.0





#68  
4-Bromophenyl-phenylether  
Concen: 4.339 ng/ul  
RT: 16.298 min Scan# 2246  
Delta R.T. -0.000 min  
Lab File: BP006683.D  
Acq: 16 Aug 2021 14:29

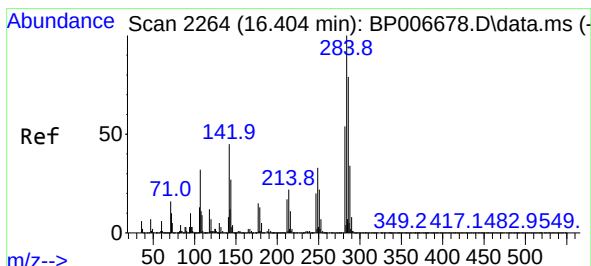
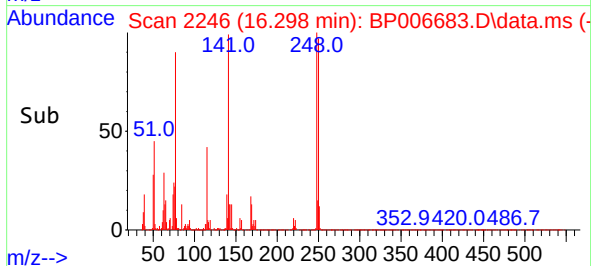
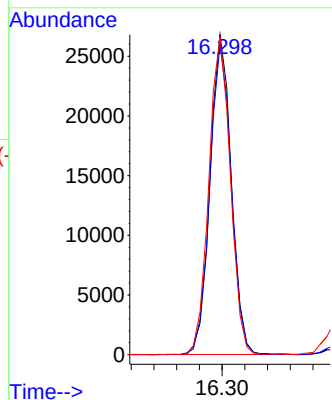
Instrument :  
BNA\_P  
ClientSampleId :  
MDL-MED-SOIL-QT3-2021-06



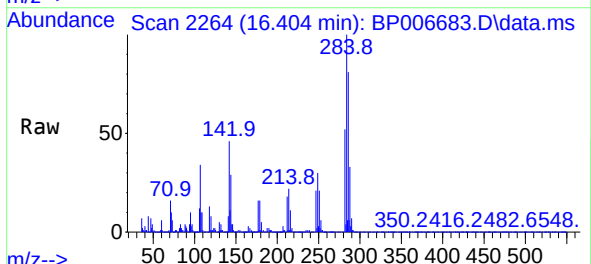
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 248   | Resp: | 34715 |
| Ion Ratio | Lower | Upper |       |
| 248       | 100   |       |       |
| 250       | 97.0  | 78.4  | 117.6 |
| 141       | 99.3  | 80.6  | 121.0 |

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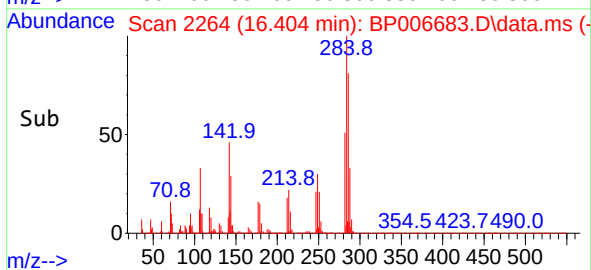
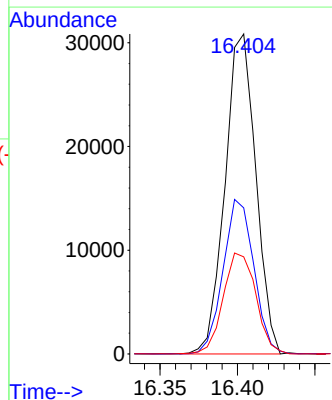
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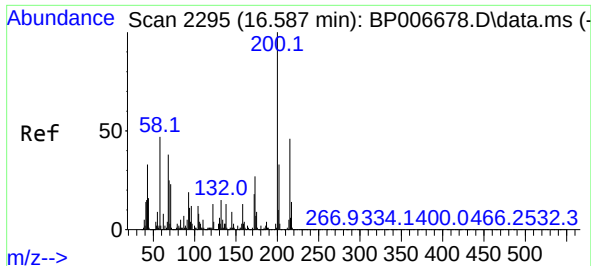


#69  
Hexachlorobenzene  
Concen: 4.715 ng/ul  
RT: 16.404 min Scan# 2264  
Delta R.T. -0.000 min  
Lab File: BP006683.D  
Acq: 16 Aug 2021 14:29



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 284   | Resp: | 42632 |
| Ion Ratio | Lower | Upper |       |
| 284       | 100   |       |       |
| 142       | 45.7  | 37.8  | 56.6  |
| 249       | 30.3  | 27.1  | 40.7  |





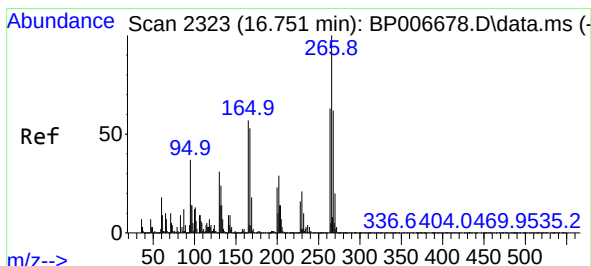
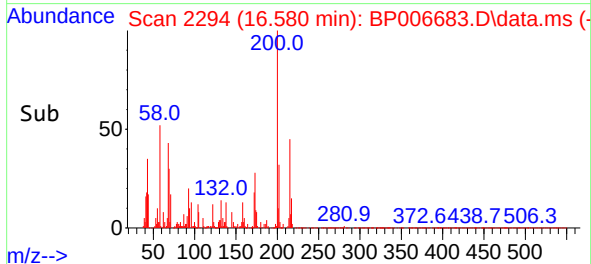
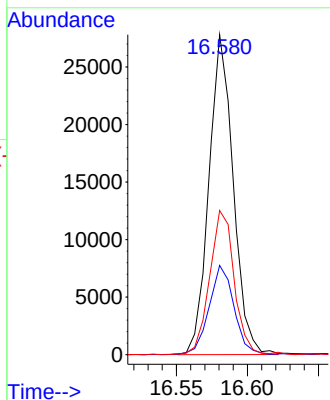
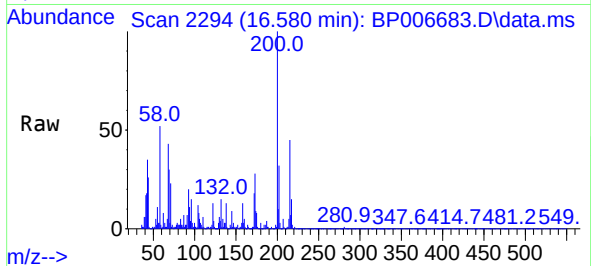
#70  
Atrazine  
Concen: 3.737 ng/ul  
RT: 16.580 min Scan# 2294  
Delta R.T. -0.006 min  
Lab File: BP006683.D  
Acq: 16 Aug 2021 14:29

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 200   | Resp: | 33037 |
| Ion Ratio | Lower | Upper |       |
| 200       | 100   |       |       |
| 173       | 27.9  | 22.2  | 33.4  |
| 215       | 45.1  | 35.4  | 53.0  |

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-MED-SOIL-QT3-2021-06

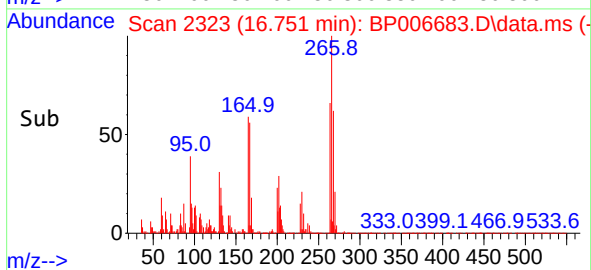
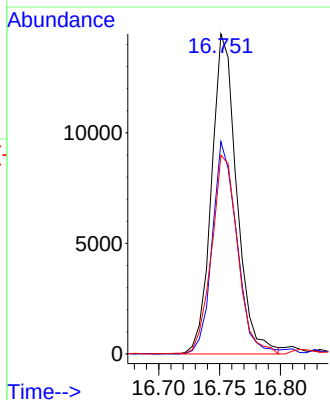
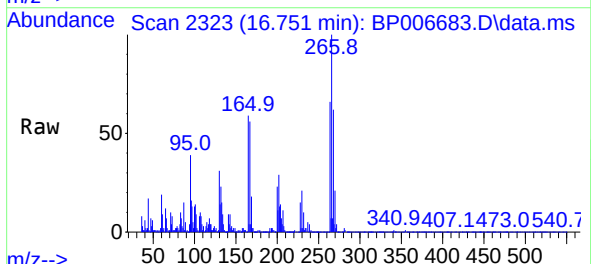
Manual Integrations  
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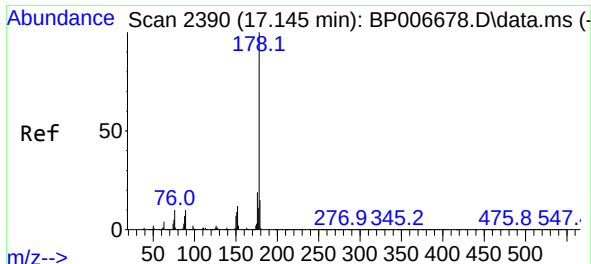
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#71  
Pentachlorophenol  
Concen: 3.518 ng/ul  
RT: 16.751 min Scan# 2323  
Delta R.T. -0.000 min  
Lab File: BP006683.D  
Acq: 16 Aug 2021 14:29

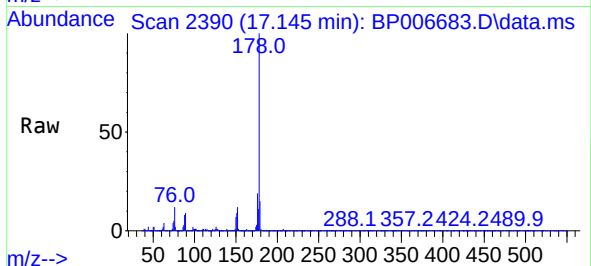
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 266   | Resp: | 20838 |
| Ion Ratio | Lower | Upper |       |
| 266       | 100   |       |       |
| 264       | 66.4  | 51.0  | 76.4  |
| 268       | 66.1  | 49.4  | 74.2  |





#72  
Phenanthrene  
Concen: 4.694 ng/ul  
RT: 17.145 min Scan# 2390  
Delta R.T. -0.000 min  
Lab File: BP006683.D  
Acq: 16 Aug 2021 14:29

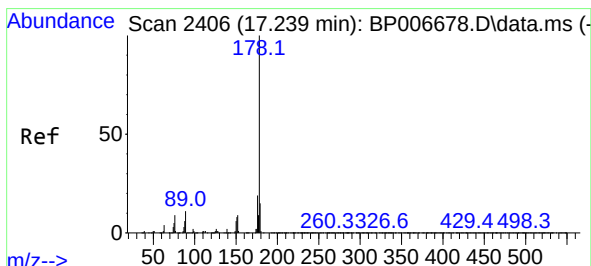
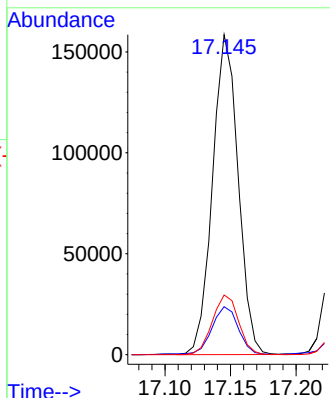
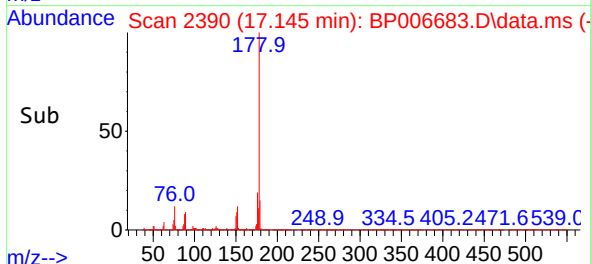
Instrument :  
BNA\_P  
ClientSampleId :  
MDL-MED-SOIL-QT3-2021-06



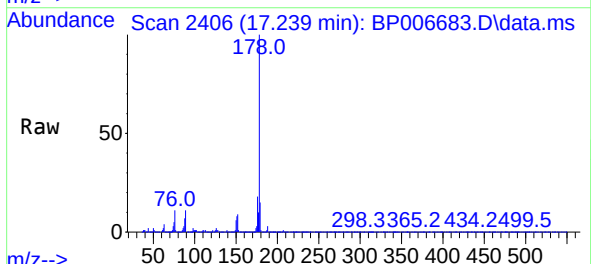
Tgt Ion:178 Resp: 215115  
Ion Ratio Lower Upper  
178 100  
179 15.0 12.0 18.0  
176 18.7 15.6 23.4

Manual Integrations  
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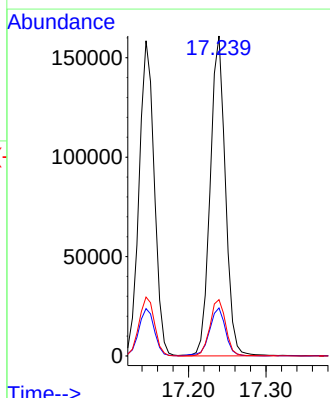
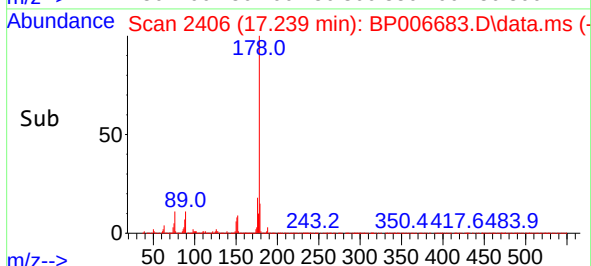
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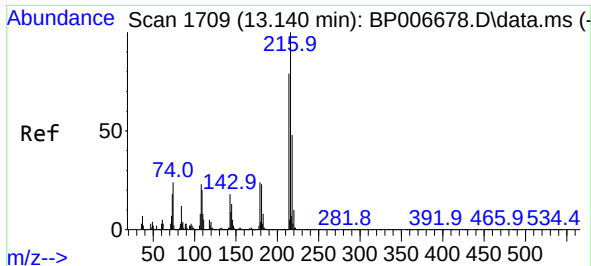


#74  
Anthracene  
Concen: 4.704 ng/ul  
RT: 17.239 min Scan# 2406  
Delta R.T. -0.000 min  
Lab File: BP006683.D  
Acq: 16 Aug 2021 14:29



Tgt Ion:178 Resp: 218914  
Ion Ratio Lower Upper  
178 100  
179 15.0 12.1 18.1  
176 17.6 14.9 22.3





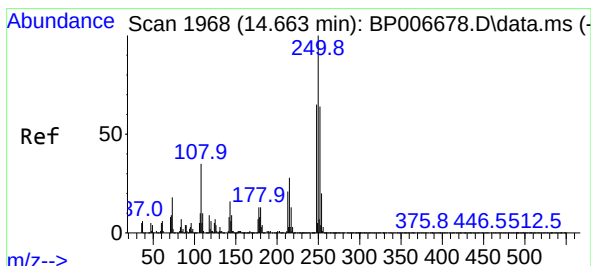
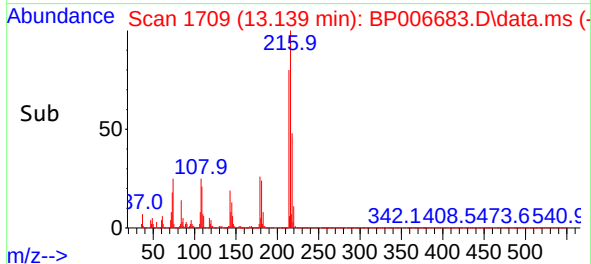
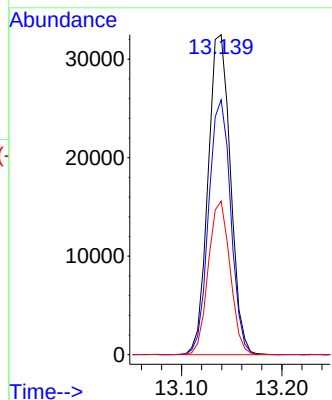
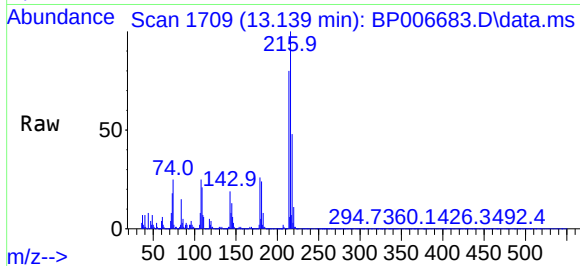
#75  
1,2,3,4-Tetrachlorobenzene  
Concen: 4.582 ng/uL  
RT: 13.139 min Scan# 1709  
Delta R.T. -0.000 min  
Lab File: BP006683.D  
Acq: 16 Aug 2021 14:29

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 216   | Resp: | 50554 |
| Ion Ratio | Lower | Upper |       |
| 216       | 100   |       |       |
| 214       | 79.7  | 62.9  | 94.3  |
| 218       | 48.0  | 37.8  | 56.8  |

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-MED-SOIL-QT3-2021-06

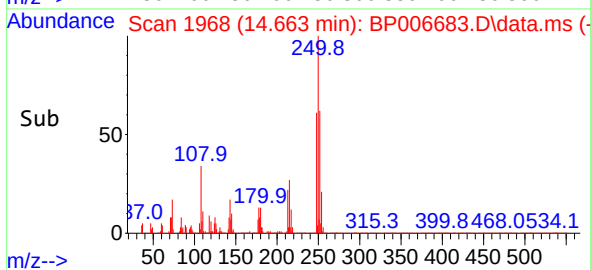
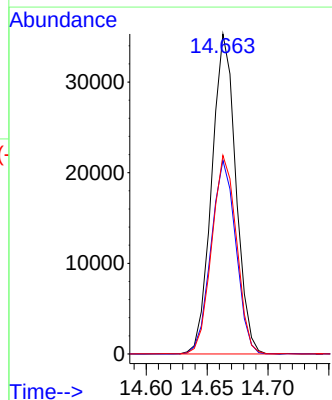
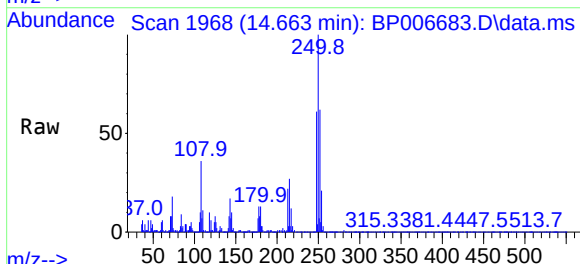
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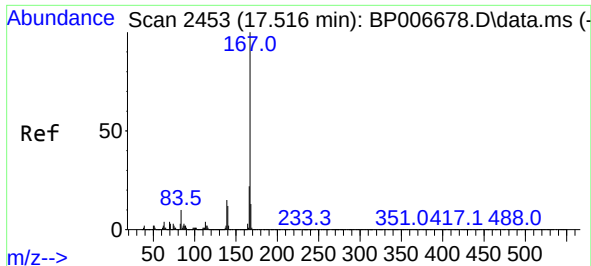
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#76  
Pentachlorobenzene  
Concen: 4.467 ng/uL  
RT: 14.663 min Scan# 1968  
Delta R.T. -0.000 min  
Lab File: BP006683.D  
Acq: 16 Aug 2021 14:29

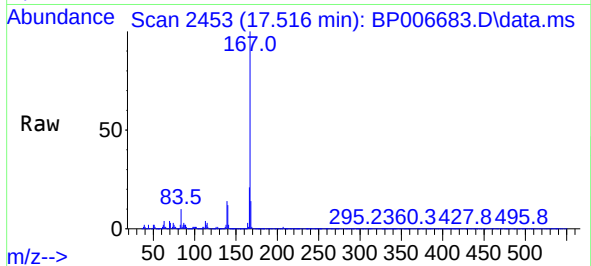
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 250   | Resp: | 48559 |
| Ion Ratio | Lower | Upper |       |
| 250       | 100   |       |       |
| 248       | 60.5  | 51.0  | 76.6  |
| 252       | 62.0  | 51.0  | 76.4  |





#77  
 Carbazole  
 Concen: 4.510 ng/ul  
 RT: 17.516 min Scan# 2453  
 Delta R.T. -0.000 min  
 Lab File: BP006683.D  
 Acq: 16 Aug 2021 14:29

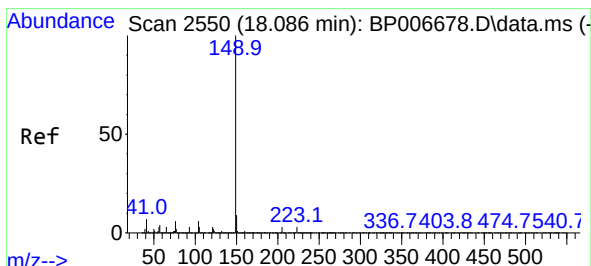
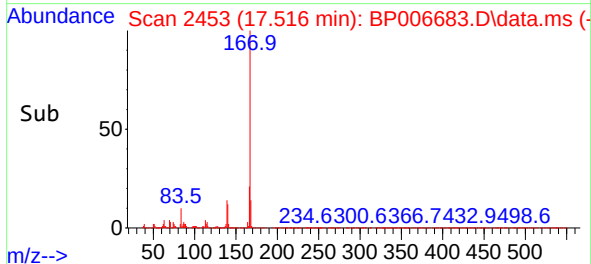
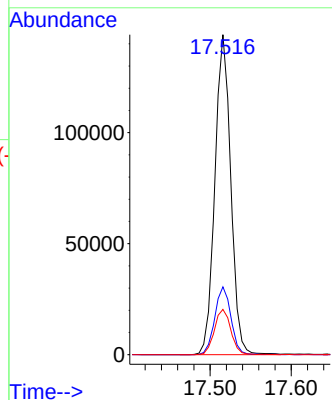
Instrument :  
 BNA\_P  
 ClientSampleId :  
 MDL-MED-SOIL-QT3-2021-06



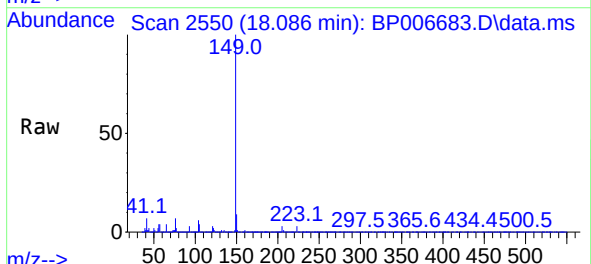
Tgt Ion:167 Resp: 196039  
 Ion Ratio Lower Upper  
 167 100  
 166 21.2 17.6 26.4  
 139 14.2 11.9 17.9

Manual Integrations  
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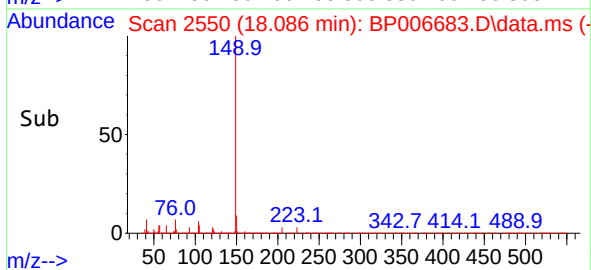
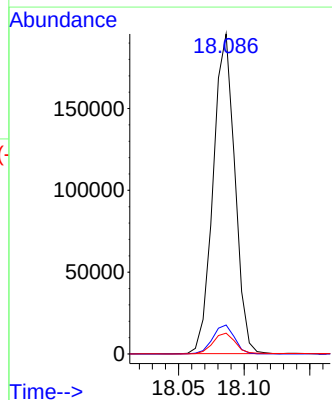
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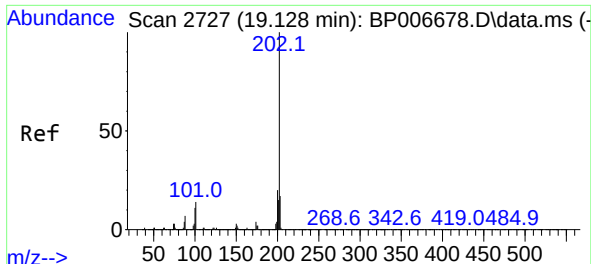
#78  
 Di-n-butylphthalate  
 Concen: 3.991 ng/ul  
 RT: 18.086 min Scan# 2550  
 Delta R.T. -0.000 min  
 Lab File: BP006683.D  
 Acq: 16 Aug 2021 14:29



Tgt Ion:149 Resp: 224298  
 Ion Ratio Lower Upper  
 149 100  
 150 9.1 7.3 10.9  
 104 6.5 4.8 7.2

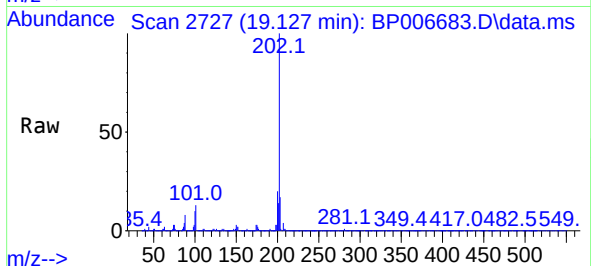






#80  
Fluoranthene  
Concen: 4.335 ng/u1  
RT: 19.127 min Scan# 2727  
Delta R.T. -0.000 min  
Lab File: BP006683.D  
Acq: 16 Aug 2021 14:29

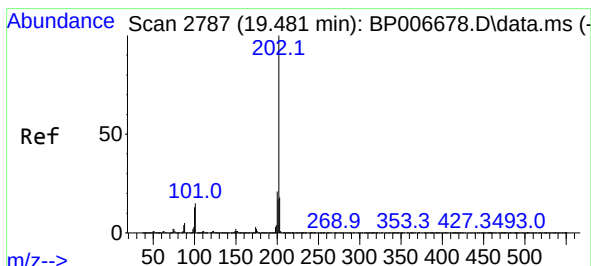
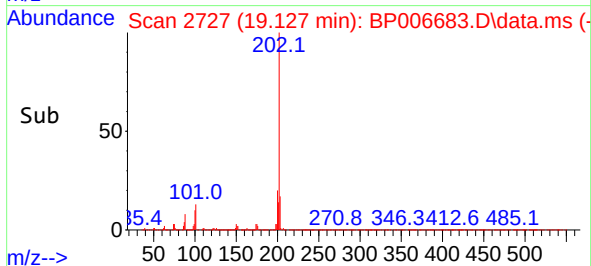
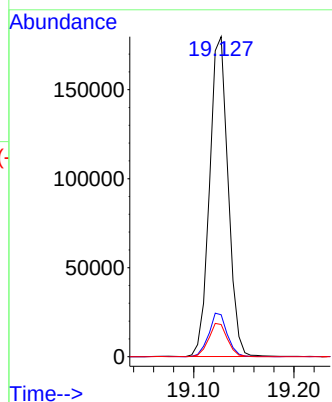
Instrument :  
BNA\_P  
ClientSampleId :  
MDL-MED-SOIL-QT3-2021-06



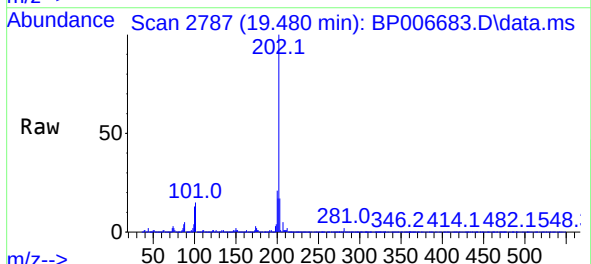
Tgt Ion:202 Resp: 230728  
Ion Ratio Lower Upper  
202 100  
101 13.1 11.0 16.4  
100 10.0 8.3 12.5

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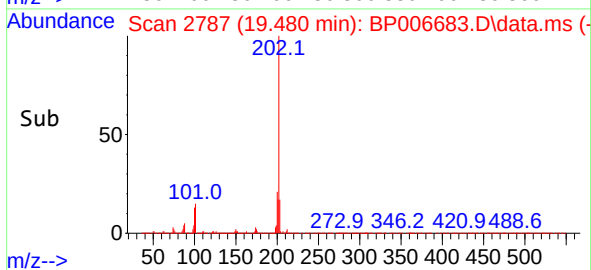
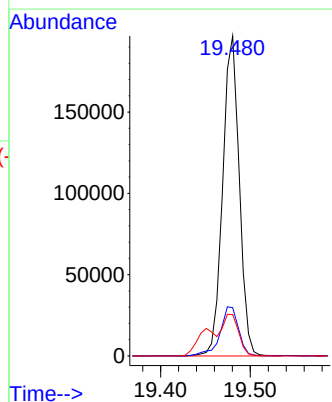
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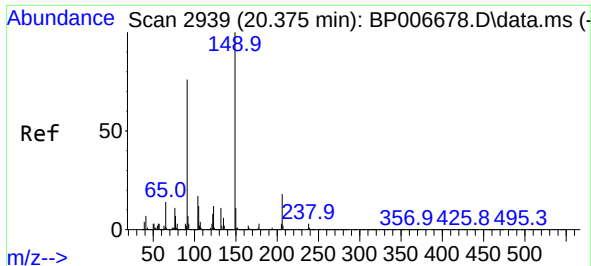


#82  
Pyrene  
Concen: 4.600 ng/u1  
RT: 19.480 min Scan# 2787  
Delta R.T. -0.000 min  
Lab File: BP006683.D  
Acq: 16 Aug 2021 14:29

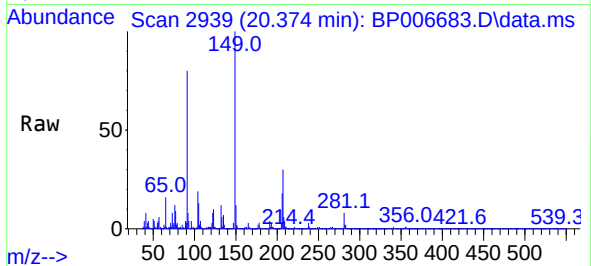


Tgt Ion:202 Resp: 252853  
Ion Ratio Lower Upper  
202 100  
101 15.1 12.6 19.0  
100 13.0 10.6 15.8

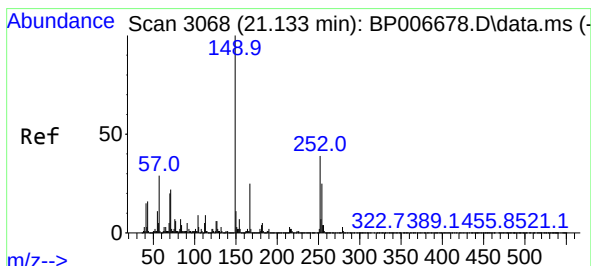
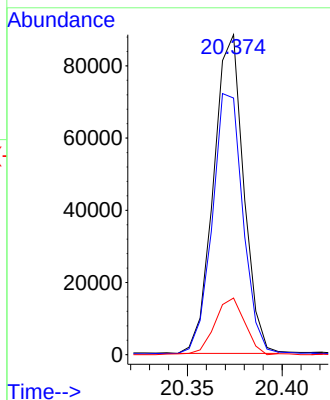
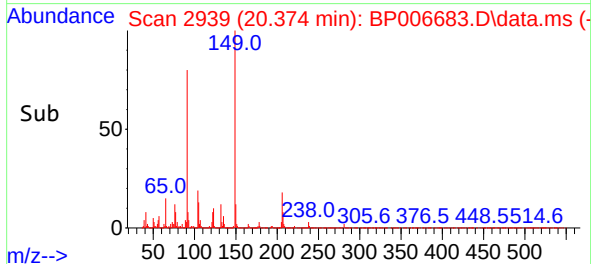




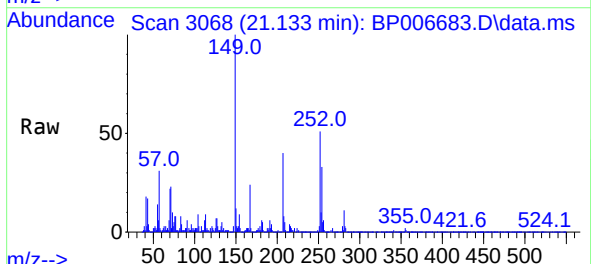
#83  
Butylbenzylphthalate  
Concen: 3.596 ng/ul  
RT: 20.374 min Scan# 2939  
Delta R.T. -0.000 min  
Lab File: BP006683.D  
Acq: 16 Aug 2021 14:29



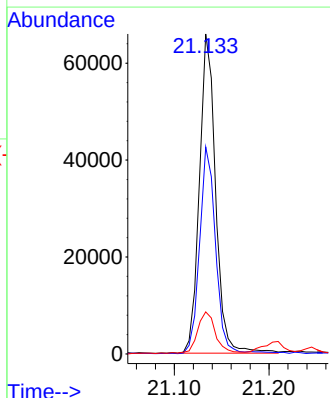
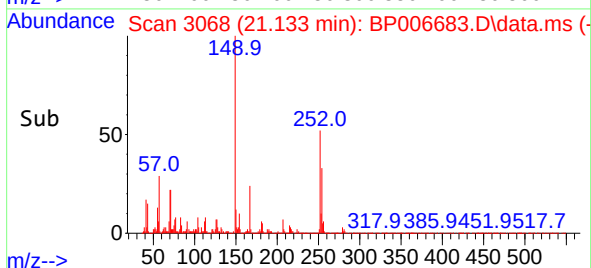
Tgt Ion:149 Resp: 97744  
Ion Ratio Lower Upper  
149 100  
91 80.2 63.0 94.6  
206 17.7 14.1 21.1



#84  
3,3'-Dichlorobenzidine  
Concen: 4.270 ng/ul  
RT: 21.133 min Scan# 3068  
Delta R.T. -0.000 min  
Lab File: BP006683.D  
Acq: 16 Aug 2021 14:29



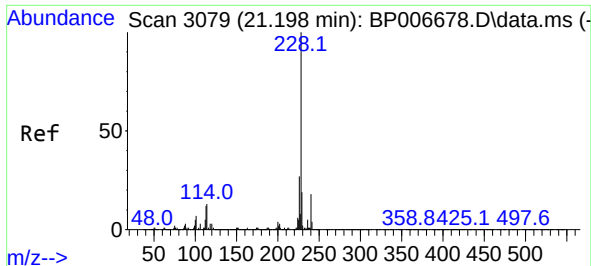
Tgt Ion:252 Resp: 78577  
Ion Ratio Lower Upper  
252 100  
254 64.7 51.6 77.4  
126 13.2 10.7 16.1



Instrument :  
BNA\_P  
ClientSampleId :  
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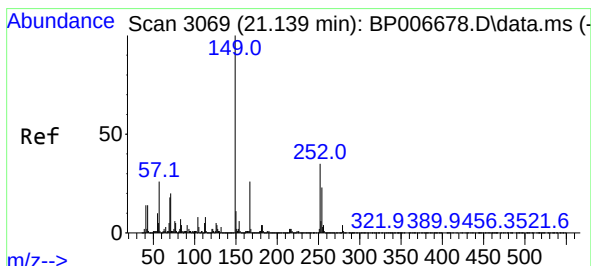
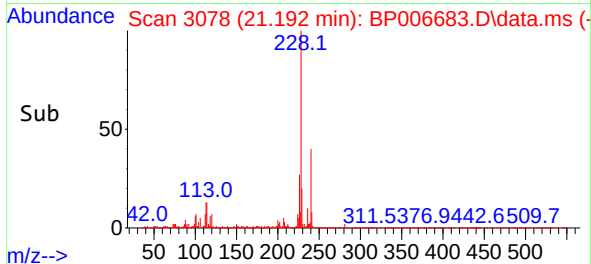
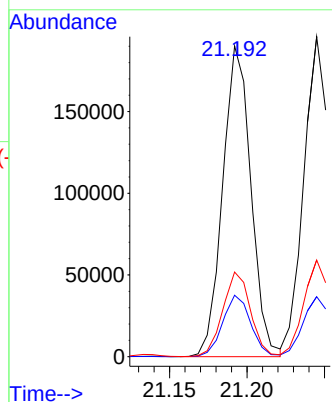
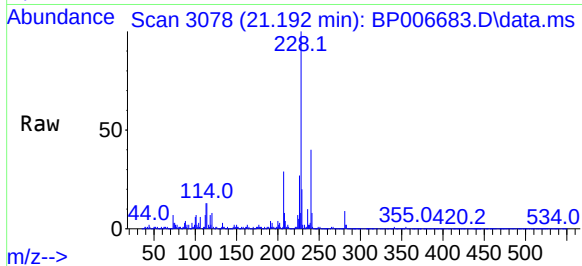
#85  
Benzo(a)anthracene  
Concen: 4.587 ng/ul  
RT: 21.192 min Scan# 3078  
Delta R.T. -0.006 min  
Lab File: BP006683.D  
Acq: 16 Aug 2021 14:29

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 240903 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 229       | 19.8  | 15.8  | 23.8   |
| 226       | 27.2  | 21.6  | 32.4   |

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-MED-SOIL-QT3-2021-06

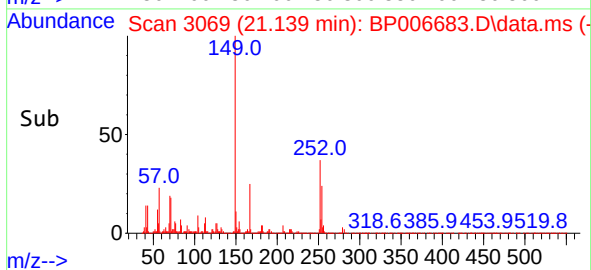
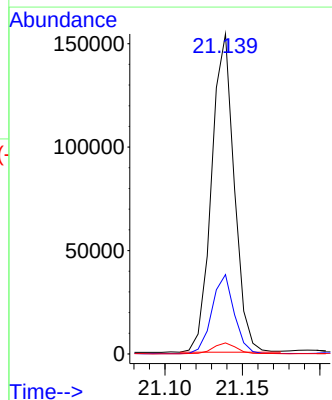
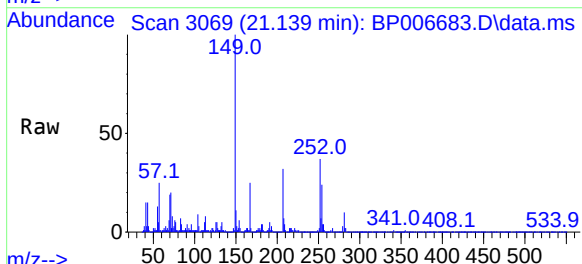
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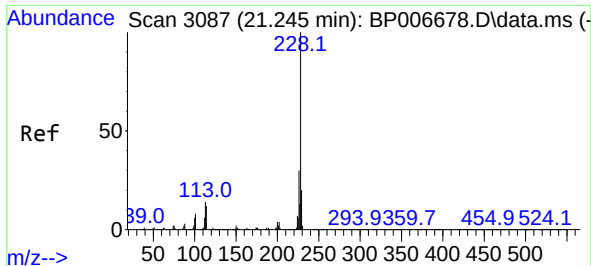
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#86  
Bis(2-ethylhexyl)phthalate  
Concen: 3.731 ng/ul  
RT: 21.139 min Scan# 3069  
Delta R.T. -0.000 min  
Lab File: BP006683.D  
Acq: 16 Aug 2021 14:29

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 156265 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 24.8  | 20.2  | 30.2   |
| 279       | 3.4   | 2.7   | 4.1    |





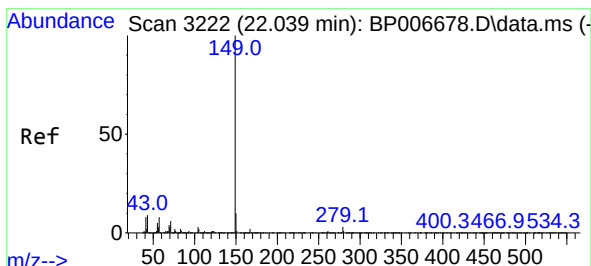
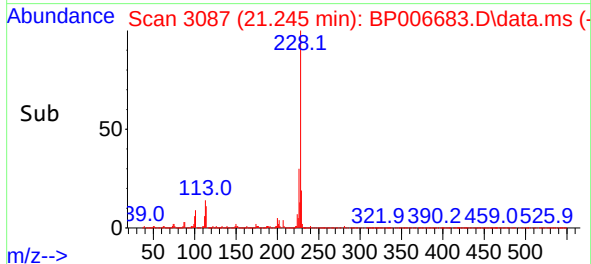
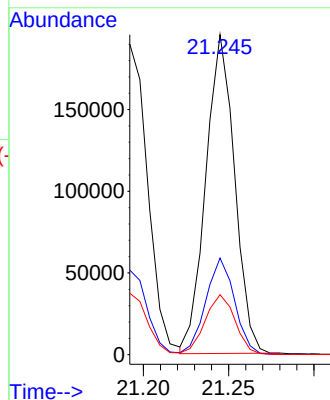
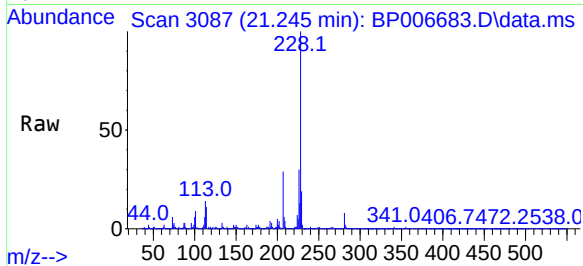
#87  
Chrysene  
Concen: 4.541 ng/ul  
RT: 21.245 min Scan# 3087  
Delta R.T. -0.000 min  
Lab File: BP006683.D  
Acq: 16 Aug 2021 14:29

Tgt Ion:228 Resp: 229972  
Ion Ratio Lower Upper  
228 100  
226 30.2 24.5 36.7  
229 18.7 15.9 23.9

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-MED-SOIL-QT3-2021-06

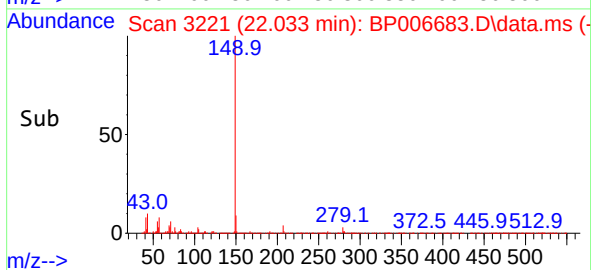
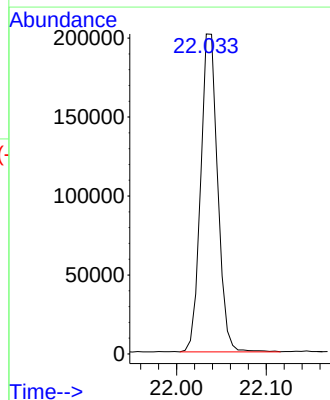
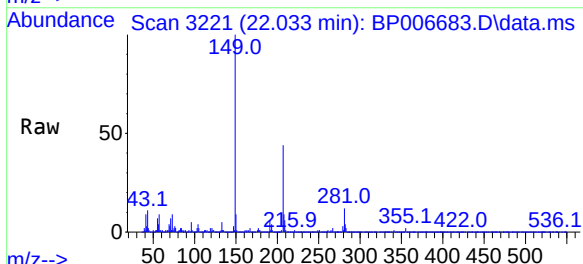
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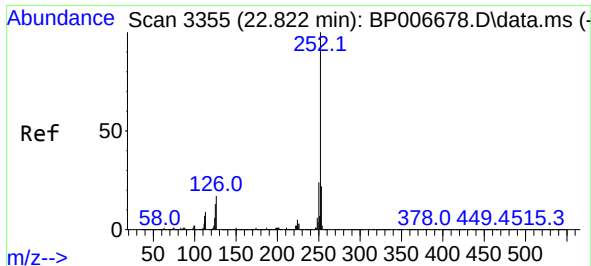
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#89  
Di-n-octyl phthalate  
Concen: 3.663 ng/ul  
RT: 22.033 min Scan# 3221  
Delta R.T. -0.006 min  
Lab File: BP006683.D  
Acq: 16 Aug 2021 14:29

Tgt Ion:149 Resp: 265458





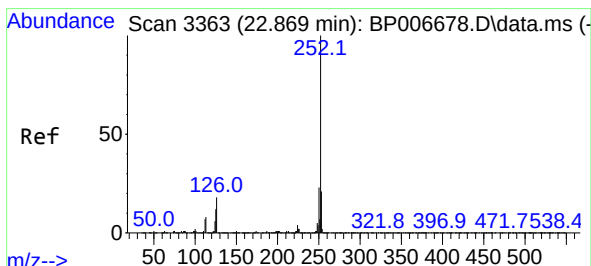
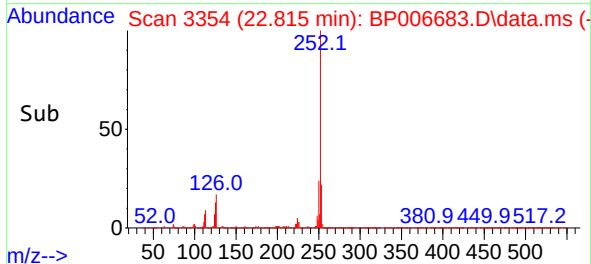
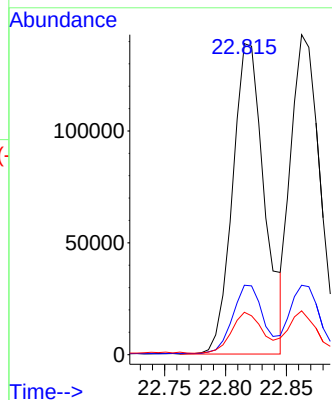
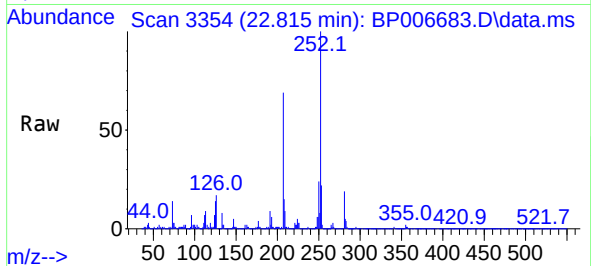
#90  
Benzo(b)fluoranthene  
Concen: 4.640 ng/ul  
RT: 22.815 min Scan# 3354  
Delta R.T. -0.006 min  
Lab File: BP006683.D  
Acq: 16 Aug 2021 14:29

Tgt Ion:252 Resp: 252733  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.7 26.5  
125 13.7 10.1 15.1

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-MED-SOIL-QT3-2021-06

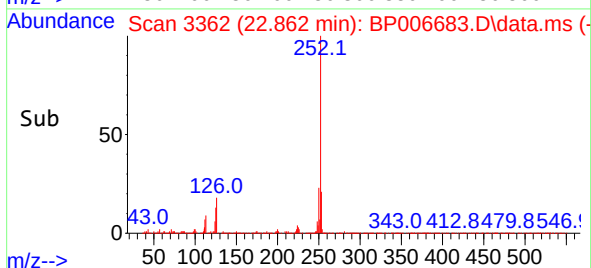
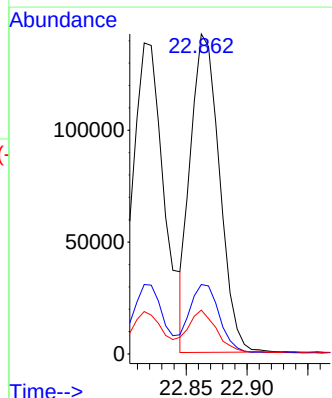
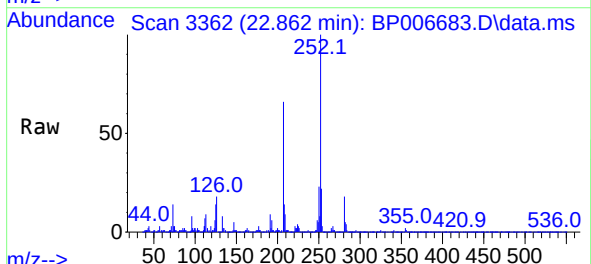
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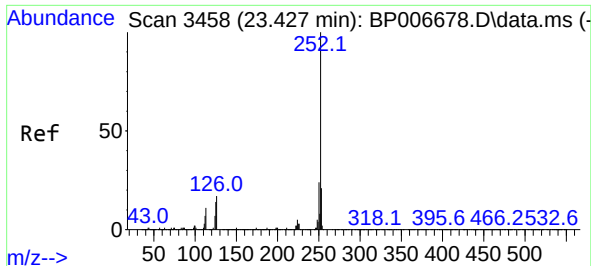
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#91  
Benzo(k)fluoranthene  
Concen: 4.460 ng/ul  
RT: 22.862 min Scan# 3362  
Delta R.T. -0.006 min  
Lab File: BP006683.D  
Acq: 16 Aug 2021 14:29

Tgt Ion:252 Resp: 235199  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.2 25.8  
125 13.7 9.4 14.0





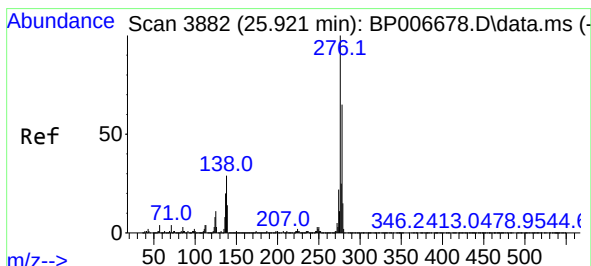
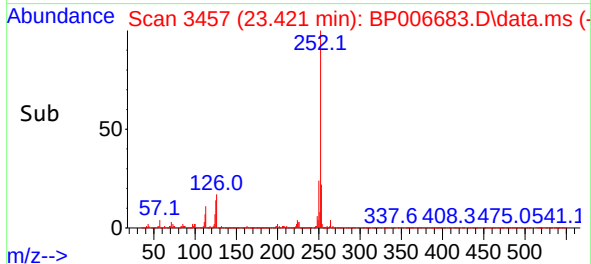
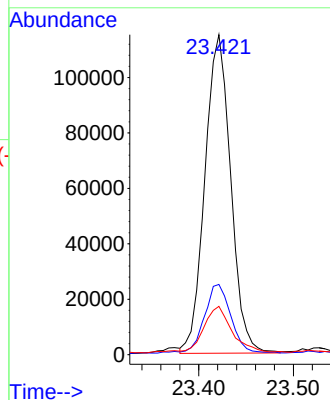
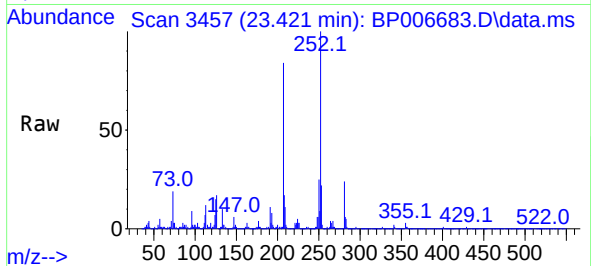
#93  
Benzo(a)pyrene  
Concen: 4.419 ng/ul  
RT: 23.421 min Scan# 3457  
Delta R.T. -0.006 min  
Lab File: BP006683.D  
Acq: 16 Aug 2021 14:29

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 218007 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.0  | 17.6  | 26.4   |
| 125       | 15.1  | 11.3  | 16.9   |

Instrument :  
BNA\_P  
ClientSampleId :  
MDL-MED-SOIL-QT3-2021-06

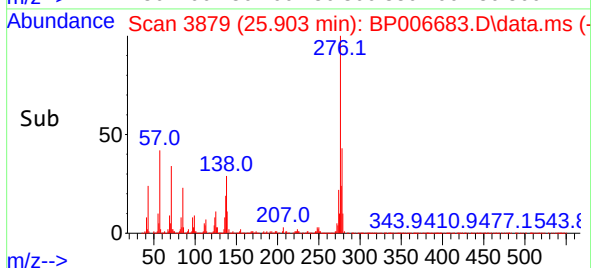
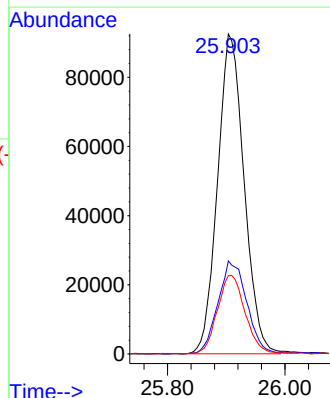
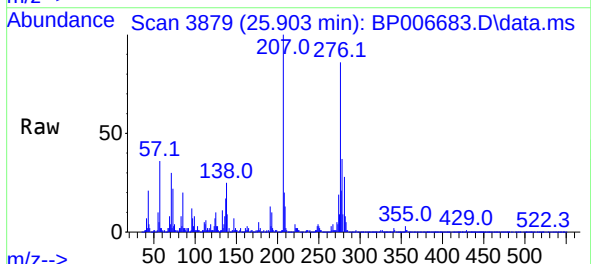
Manual Integrations  
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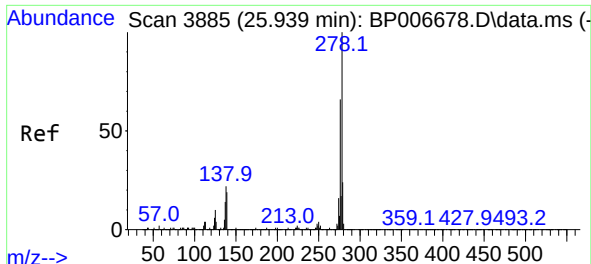
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#94  
Indeno(1,2,3-cd)pyrene  
Concen: 4.492 ng/ul  
RT: 25.903 min Scan# 3879  
Delta R.T. -0.018 min  
Lab File: BP006683.D  
Acq: 16 Aug 2021 14:29

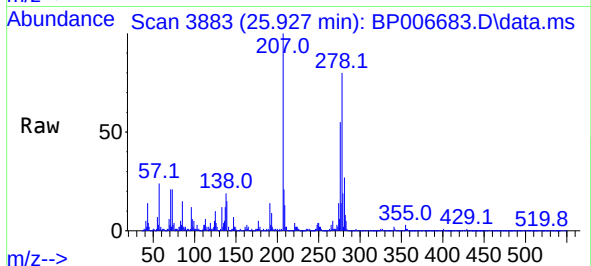
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 289820 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 138       | 29.0  | 21.8  | 32.8   |
| 277       | 24.4  | 19.9  | 29.9   |





#95  
Dibenzo(a,h)anthracene  
Concen: 4.551 ng/ul  
RT: 25.927 min Scan# 3883  
Delta R.T. -0.012 min  
Lab File: BP006683.D  
Acq: 16 Aug 2021 14:29

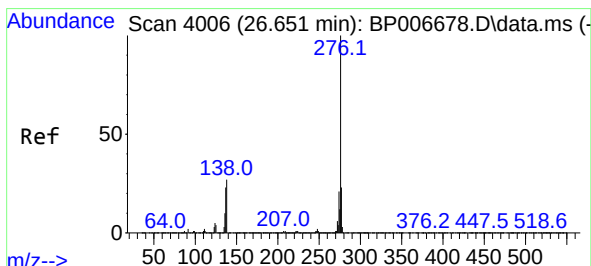
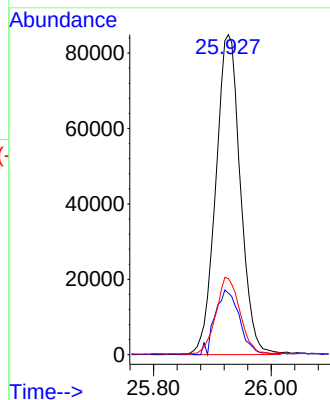
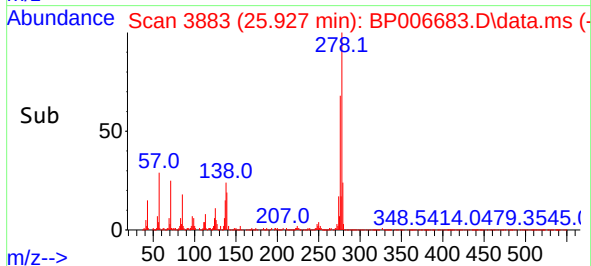
Instrument :  
BNA\_P  
ClientSampleId :  
MDL-MED-SOIL-QT3-2021-06



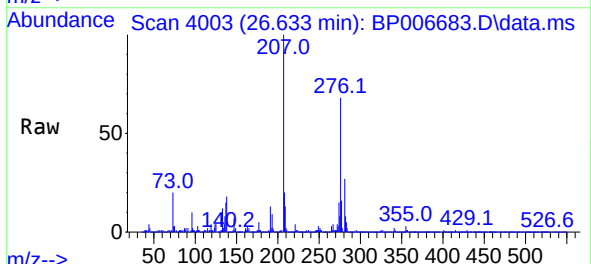
Tgt Ion:278 Resp: 246596  
Ion Ratio Lower Upper  
278 100  
139 19.2 15.4 23.2  
279 23.8 19.0 28.4

Manual Integrations  
APPROVED

mohammad  
8/17/2021 1:21:28 PM



#96  
Benzo(g,h,i)perylene  
Concen: 4.479 ng/ul  
RT: 26.633 min Scan# 4003  
Delta R.T. -0.018 min  
Lab File: BP006683.D  
Acq: 16 Aug 2021 14:29



Tgt Ion:276 Resp: 239931  
Ion Ratio Lower Upper  
276 100  
138 27.0 20.7 31.1  
277 23.5 19.0 28.4

