

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP060821\  
 Data File : BP005796.D  
 Acq On : 09 Jun 2021 05:19  
 Operator : CG/JU  
 Sample : M2589-21MSD  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 18-B7(0-2)MSD

Manual Integrations  
 APPROVED

mohammad  
 6/9/2021 3:53:24 PM

Quant Time: Jun 09 12:02:02 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP060821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 09 11:54:55 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.957  | 152  | 90522    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.763 | 136  | 342066   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.580 | 164  | 201026   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.327 | 188  | 402906   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.398 | 240  | 417956   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 23.821 | 264  | 508013   | 20.000  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.522  | 112  | 713259   | 126.435 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.128  | 99   | 759995   | 103.939 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.122  | 82   | 587563   | 84.213  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.069 | 330  | 420736   | 121.961 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.210 | 172  | 1216448  | 79.460  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.868 | 244  | 1885973  | 84.494  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.399  | 88   | 91705    | 35.982  | ng    | # 45     |
| 3) Pyridine                   | 3.816  | 79   | 173011   | 28.883  | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.710  | 42   | 118545   | 42.575  | ng    | 98       |
| 6) Aniline                    | 7.287  | 93   | 234945   | 28.781  | ng    | 99       |
| 8) 2-Chlorophenol             | 7.522  | 128  | 298216   | 46.105  | ng    | 99       |
| 9) Benzaldehyde               | 7.093  | 77   | 93934    | 30.135  | ng    | 99       |
| 10) Phenol                    | 7.151  | 94   | 293125   | 40.130  | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 7.381  | 93   | 256129   | 46.274  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.845  | 146  | 309648   | 42.813  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.992  | 146  | 319601   | 43.331  | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 8.310  | 146  | 309338   | 43.876  | ng    | 99       |
| 15) Benzyl Alcohol            | 8.204  | 79   | 263630   | 47.868  | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.492  | 45   | 222576   | 43.500  | ng    | 98       |
| 17) 2-Methylphenol            | 8.404  | 107  | 229614   | 46.136  | ng    | 99       |
| 18) Hexachloroethane          | 9.040  | 117  | 118899   | 44.565  | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 8.769  | 70   | 199023   | 44.245  | ng    | 98       |
| 20) 3+4-Methylphenols         | 8.734  | 107  | 301960   | 44.917  | ng    | 99       |
| 22) Acetophenone              | 8.787  | 105  | 417419   | 46.362  | ng    | 99       |
| 24) Nitrobenzene              | 9.163  | 77   | 314500   | 43.409  | ng    | 97       |
| 25) Isophorone                | 9.692  | 82   | 531648   | 41.262  | ng    | 99       |
| 26) 2-Nitrophenol             | 9.875  | 139  | 156224   | 45.192  | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 9.939  | 122  | 257597   | 50.019  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 10.175 | 93   | 322461   | 47.953  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.410 | 162  | 278038   | 44.925  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.628 | 180  | 299633   | 43.087  | ng    | 98       |
| 31) Naphthalene               | 10.816 | 128  | 852242   | 43.060  | ng    | 100      |
| 32) Benzoic acid              | 10.092 | 122  | 117283   | 32.713  | ng    | 98       |
| 33) 4-Chloroaniline           | 10.934 | 127  | 69307    | 8.668   | ng    | 98       |
| 34) Hexachlorobutadiene       | 11.098 | 225  | 196681   | 41.814  | ng    | 99       |
| 35) Caprolactam               | 11.722 | 113  | 63461m   | 35.598  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 12.045 | 107  | 280629   | 44.656  | ng    | 96       |
| 37) 2-Methylnaphthalene       | 12.422 | 142  | 609216   | 43.233  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.639 | 142  | 563463   | 42.451  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.786 | 216  | 335210   | 47.373  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.763 | 237  | 358446   | 99.388  | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 13.022 | 196  | 221635   | 45.665  | ng    | 97       |

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 18-B7(0-2)MSD

Manual Integrations  
 APPROVED

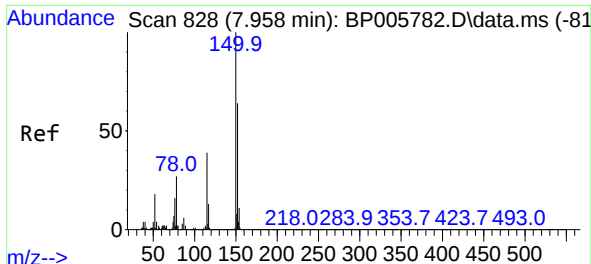
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Quant Time: Jun 09 12:02:02 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP060821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 09 11:54:55 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.098 | 196  | 238898   | 45.705 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.422 | 154  | 767081   | 47.326 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.463 | 162  | 594422   | 44.911 | ng    | 97       |
| 48) 2-Nitroaniline            | 13.669 | 65   | 166627   | 47.882 | ng    | 97       |
| 49) Acenaphthylene            | 14.304 | 152  | 932989   | 45.948 | ng    | 100      |
| 50) Dimethylphthalate         | 14.045 | 163  | 753481   | 45.587 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.163 | 165  | 166731   | 44.382 | ng    | 94       |
| 52) Acenaphthene              | 14.645 | 154  | 541227   | 43.891 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.486 | 138  | 105796   | 29.056 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 14.698 | 184  | 130515   | 59.722 | ng    | 94       |
| 55) Dibenzofuran              | 14.980 | 168  | 869298   | 42.867 | ng    | 97       |
| 56) 4-Nitrophenol             | 14.798 | 139  | 239064   | 81.003 | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 14.945 | 165  | 225226   | 44.825 | ng    | 95       |
| 58) Fluorene                  | 15.627 | 166  | 686263   | 43.433 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.210 | 232  | 203807m  | 44.242 | ng    |          |
| 60) Diethylphthalate          | 15.404 | 149  | 755141   | 45.537 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.622 | 204  | 354390   | 43.254 | ng    | 97       |
| 62) 4-Nitroaniline            | 15.651 | 138  | 159687   | 42.609 | ng    | 96       |
| 63) Azobenzene                | 15.916 | 77   | 652278   | 43.477 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.710 | 198  | 105245   | 35.546 | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 15.839 | 169  | 607656   | 45.480 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.516 | 248  | 235088   | 45.460 | ng    | 97       |
| 68) Hexachlorobenzene         | 16.633 | 284  | 273360   | 44.100 | ng    | 98       |
| 69) Atrazine                  | 16.786 | 200  | 235611   | 56.680 | ng    | 99       |
| 70) Pentachlorophenol         | 16.980 | 266  | 333691   | 96.817 | ng    | 99       |
| 71) Phenanthrene              | 17.368 | 178  | 1083148  | 44.765 | ng    | 100      |
| 72) Anthracene                | 17.463 | 178  | 1095026  | 45.983 | ng    | 99       |
| 73) Carbazole                 | 17.727 | 167  | 989736   | 43.289 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.274 | 149  | 1241699  | 46.875 | ng    | 99       |
| 75) Fluoranthene              | 19.327 | 202  | 1268537  | 43.170 | ng    | 99       |
| 77) Benzidine                 | 19.498 | 184  | 290884   | 33.447 | ng    | 99       |
| 78) Pyrene                    | 19.680 | 202  | 1303005  | 44.657 | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.539 | 149  | 571131   | 47.577 | ng    | 99       |
| 81) Benzo(a)anthracene        | 21.380 | 228  | 1311962  | 43.485 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.309 | 252  | 292418   | 28.034 | ng    | 98       |
| 83) Chrysene                  | 21.433 | 228  | 1289503  | 44.128 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.298 | 149  | 841138   | 47.777 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.227 | 149  | 1538847  | 48.860 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 26.380 | 276  | 2076714  | 47.803 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 23.080 | 252  | 1573243  | 45.215 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 23.127 | 252  | 1455678  | 43.144 | ng    | 100      |
| 90) Benzo(a)pyrene            | 23.715 | 252  | 1511522  | 46.207 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 26.392 | 278  | 1760273  | 47.077 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 27.162 | 276  | 1780467  | 48.203 | ng    | 98       |

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





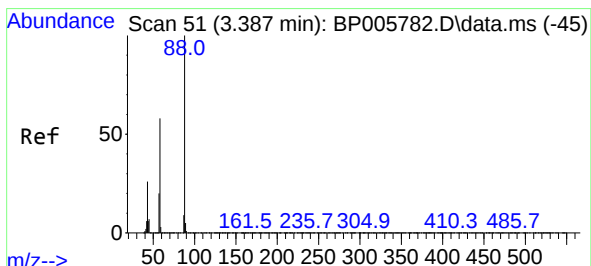
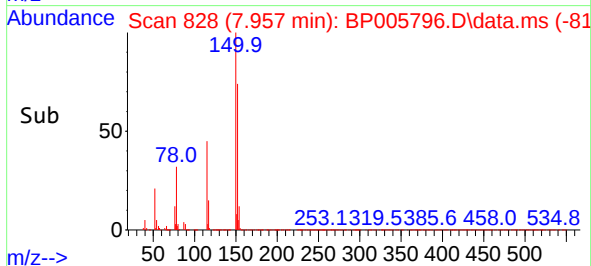
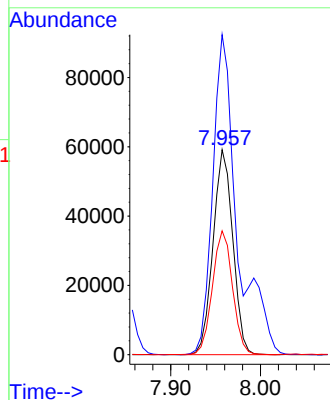
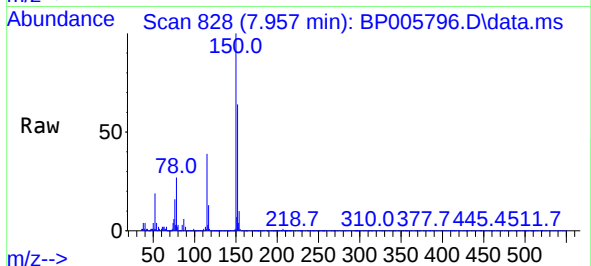
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1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.957 min Scan# 828  
Delta R.T. -0.001 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 90522 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 150       | 156.1 | 125.6 | 188.4 |
| 115       | 60.5  | 48.5  | 72.7  |

Instrument :  
BNA\_P  
ClientSampled :  
18-B7(0-2)MSD

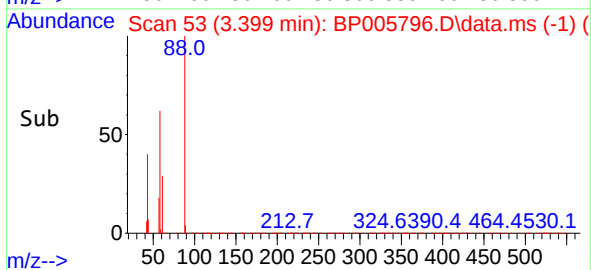
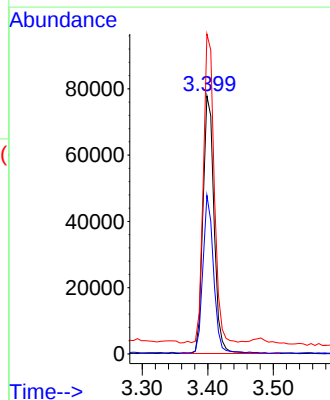
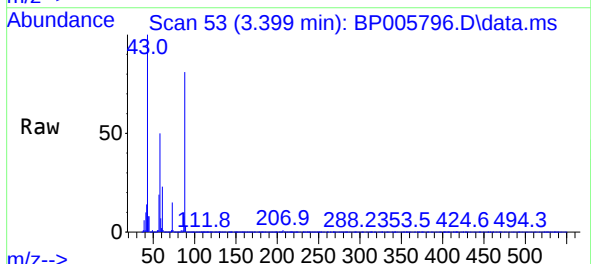
Manual Integrations  
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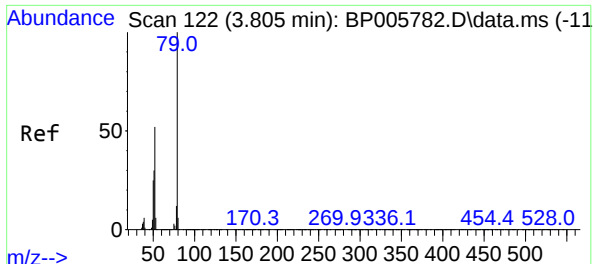
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#2  
1,4-Dioxane  
Concen: 35.982 ng  
RT: 3.399 min Scan# 53  
Delta R.T. 0.011 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

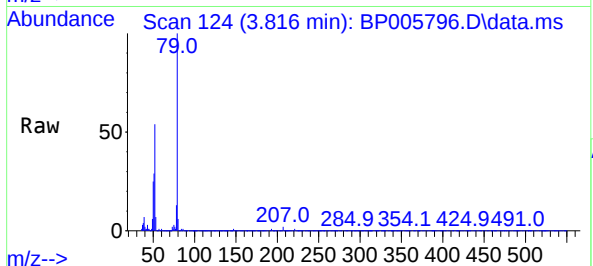
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 88    | Resp: | 91705 |
| Ion Ratio | Lower | Upper |       |
| 88        | 100   |       |       |
| 58        | 58.4  | 46.7  | 70.1  |
| 43        | 116.6 | 20.3  | 30.5  |





#3  
Pyridine  
Concen: 28.883 ng  
RT: 3.816 min Scan# 124  
Delta R.T. 0.011 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

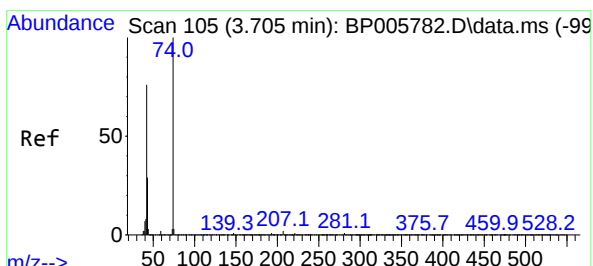
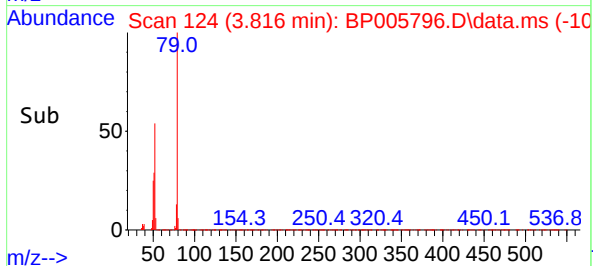
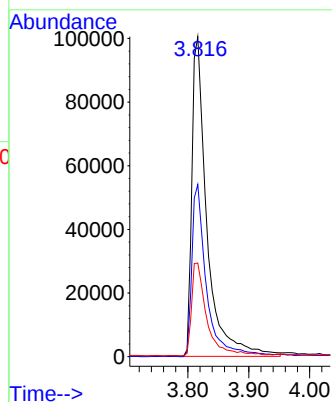
Instrument :  
BNA\_P  
ClientSampleId :  
18-B7(0-2)MSD



Tgt Ion: 79 Resp: 173011  
Ion Ratio Lower Upper  
79 100  
52 53.8 41.7 62.5  
51 29.2 24.1 36.1

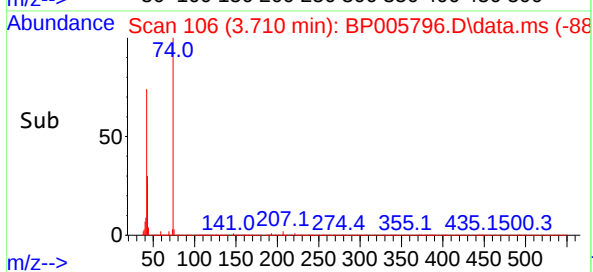
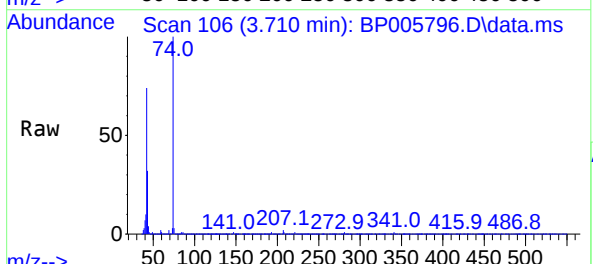
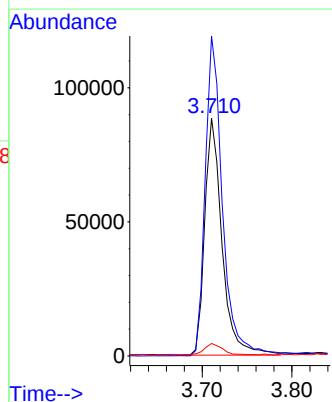
Manual Integrations  
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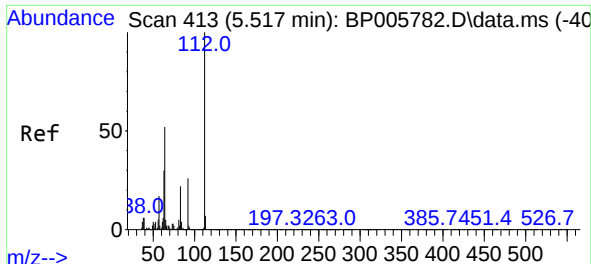
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#4  
n-Nitrosodimethylamine  
Concen: 42.575 ng  
RT: 3.710 min Scan# 106  
Delta R.T. 0.006 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

Tgt Ion: 42 Resp: 118545  
Ion Ratio Lower Upper  
42 100  
74 134.5 105.4 158.0  
44 5.2 4.2 6.4





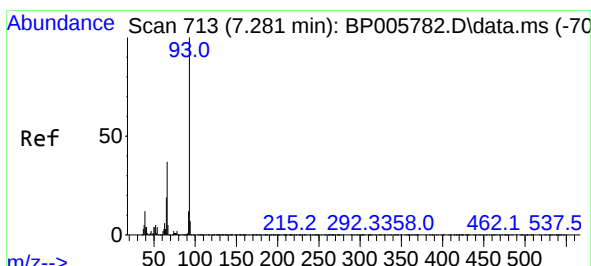
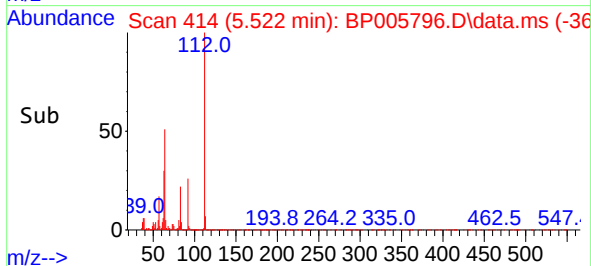
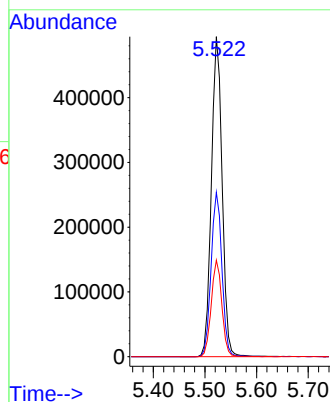
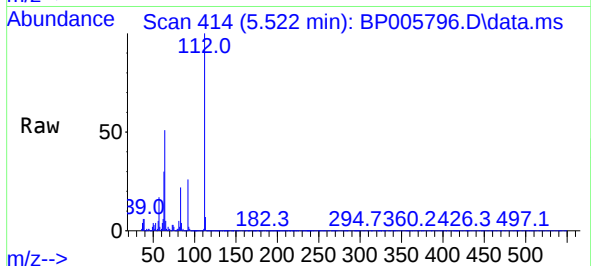
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2-Fluorophenol  
Concen: 126.435 ng  
RT: 5.522 min Scan# 414  
Delta R.T. 0.005 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

Tgt Ion: 112 Resp: 713259  
Ion Ratio Lower Upper  
112 100  
64 51.3 41.4 62.2  
63 30.2 23.8 35.8

Instrument :  
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ClientSampleId :  
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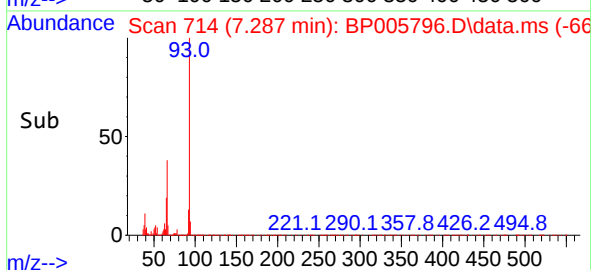
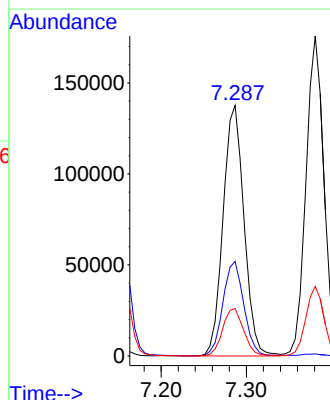
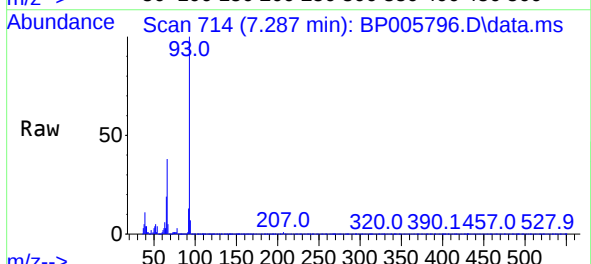
Manual Integrations  
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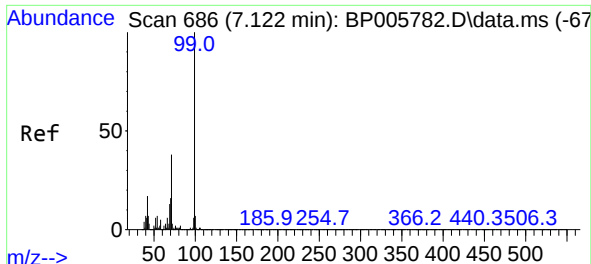
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6/9/2021 3:53:24 PM



#6  
Aniline  
Concen: 28.781 ng  
RT: 7.287 min Scan# 714  
Delta R.T. 0.006 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

Tgt Ion: 93 Resp: 234945  
Ion Ratio Lower Upper  
93 100  
66 37.7 29.7 44.5  
65 18.9 15.3 22.9





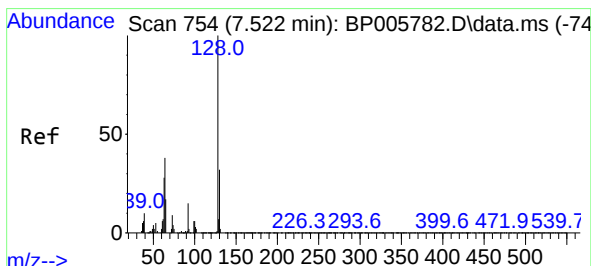
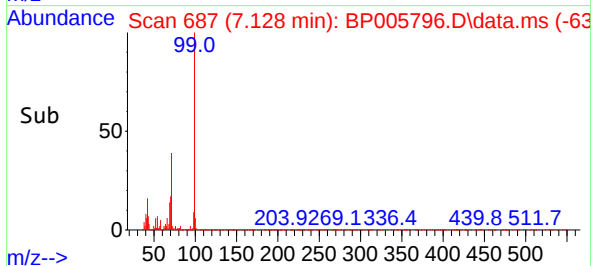
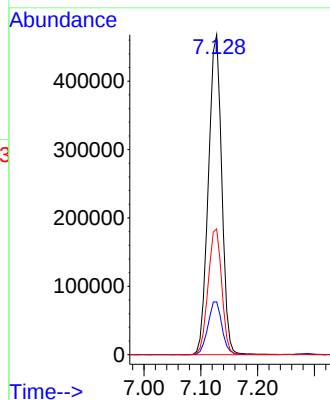
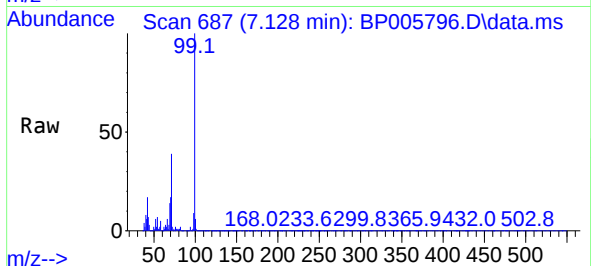
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Phenol-d6  
Concen: 103.939 ng  
RT: 7.128 min Scan# 687  
Delta R.T. 0.006 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

Tgt Ion: 99 Resp: 759995  
Ion Ratio Lower Upper  
99 100  
42 16.5 13.4 20.0  
71 39.3 30.6 46.0

Instrument :  
BNA\_P  
ClientSampleId :  
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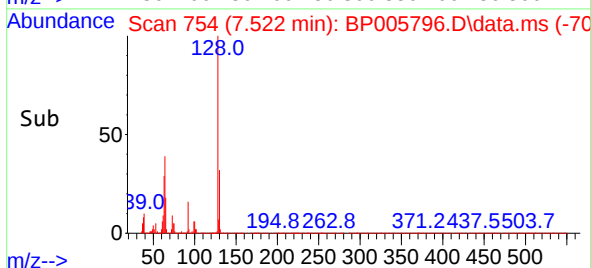
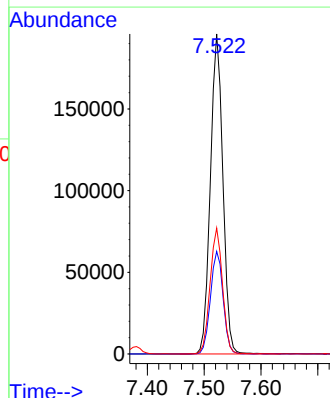
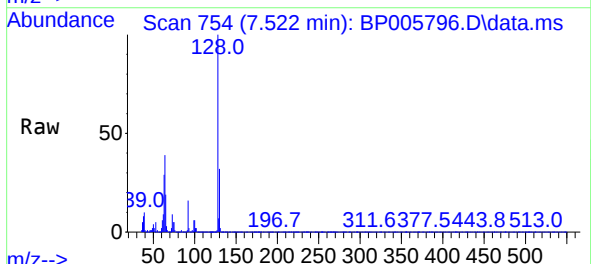
Manual Integrations  
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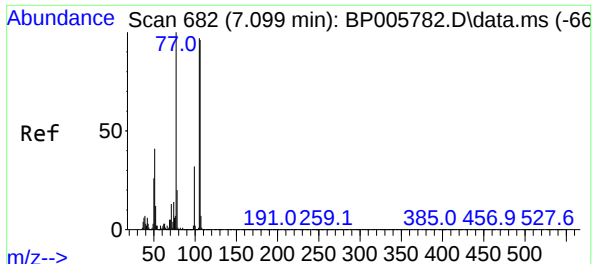
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#8  
2-Chlorophenol  
Concen: 46.105 ng  
RT: 7.522 min Scan# 754  
Delta R.T. -0.000 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

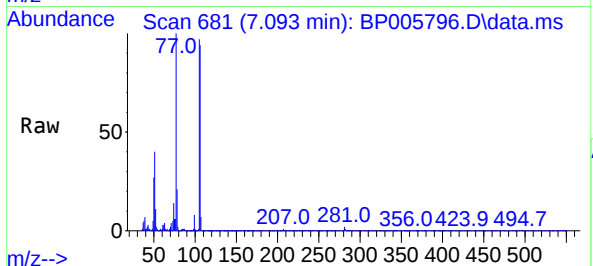
Tgt Ion:128 Resp: 298216  
Ion Ratio Lower Upper  
128 100  
130 32.0 12.4 52.4  
64 39.3 20.3 60.3





#9  
Benzaldehyde  
Concen: 30.135 ng  
RT: 7.093 min Scan# 681  
Delta R.T. -0.006 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

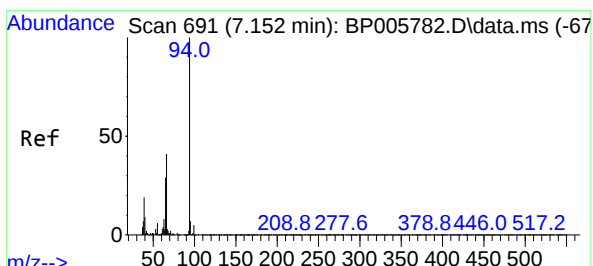
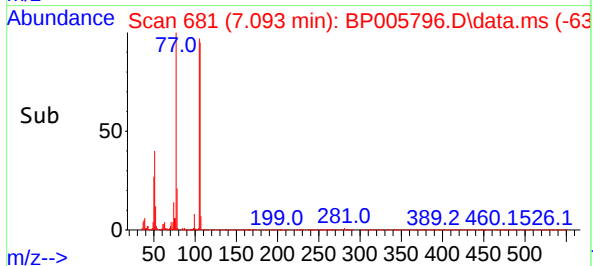
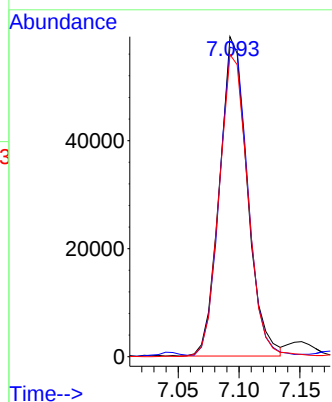
Instrument :  
BNA\_P  
ClientSampleId :  
18-B7(0-2)MSD



Tgt Ion: 77 Resp: 93934  
Ion Ratio Lower Upper  
77 100  
105 96.8 76.7 116.7  
106 94.4 76.2 116.2

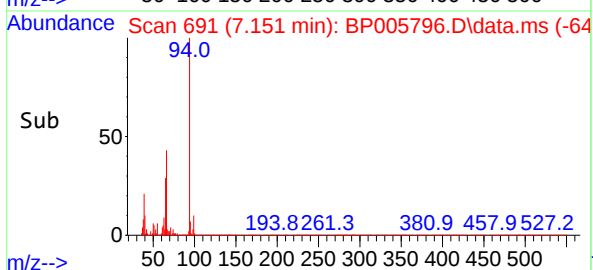
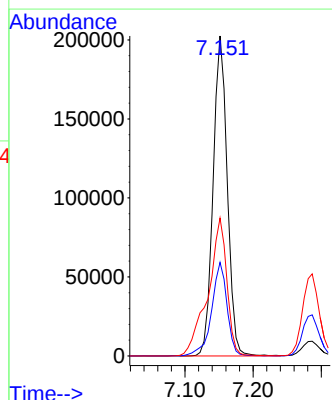
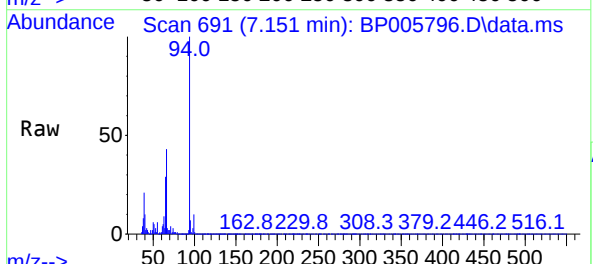
Manual Integrations  
APPROVED

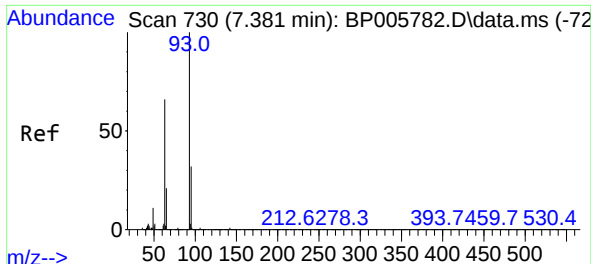
mohammad  
6/9/2021 3:53:24 PM



#10  
Phenol  
Concen: 40.130 ng  
RT: 7.151 min Scan# 691  
Delta R.T. -0.000 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

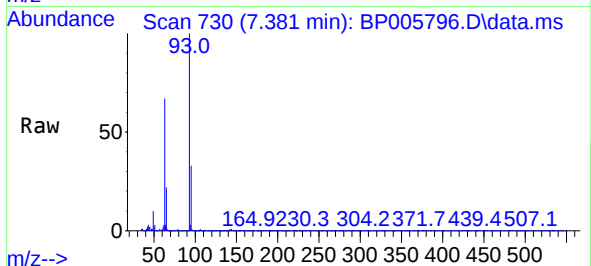
Tgt Ion: 94 Resp: 293125  
Ion Ratio Lower Upper  
94 100  
65 29.3 8.8 48.8  
66 43.1 20.7 60.7





#11  
bis(2-Chloroethyl)ether  
Concen: 46.274 ng  
RT: 7.381 min Scan# 730  
Delta R.T. -0.000 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

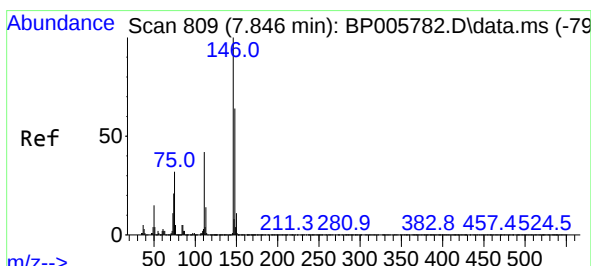
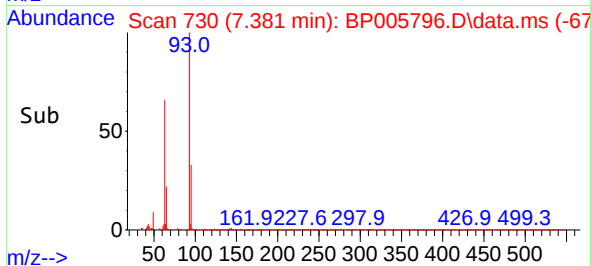
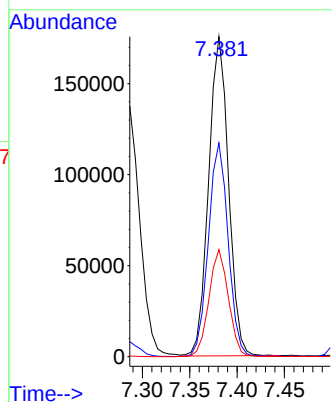
Instrument :  
BNA\_P  
ClientSampleId :  
18-B7(0-2)MSD



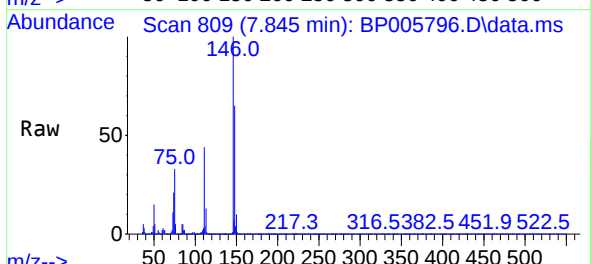
Tgt Ion: 93 Resp: 256129  
Ion Ratio Lower Upper  
93 100  
63 66.8 46.2 86.2  
95 33.5 12.2 52.2

Manual Integrations  
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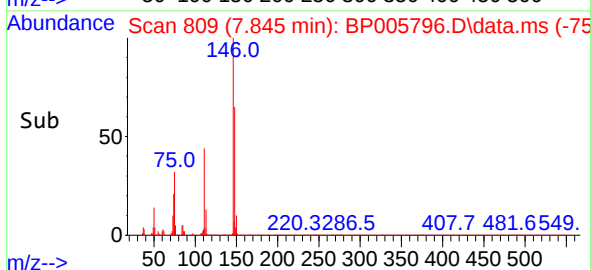
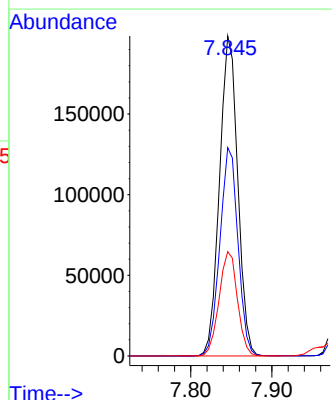
mohammad  
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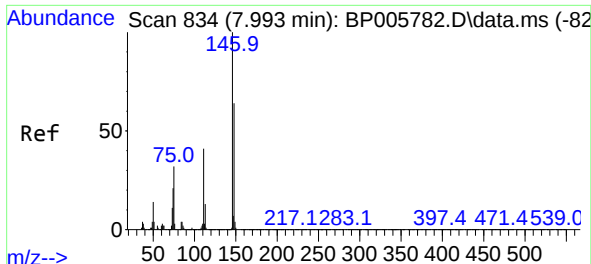


#12  
1,3-Dichlorobenzene  
Concen: 42.813 ng  
RT: 7.845 min Scan# 809  
Delta R.T. -0.000 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19



Tgt Ion: 146 Resp: 309648  
Ion Ratio Lower Upper  
146 100  
148 65.1 51.5 77.3  
75 32.6 25.7 38.5





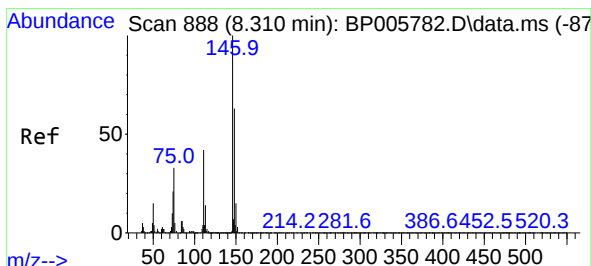
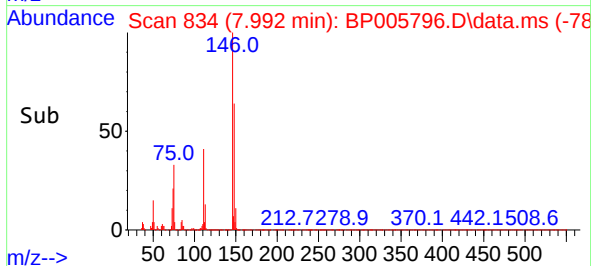
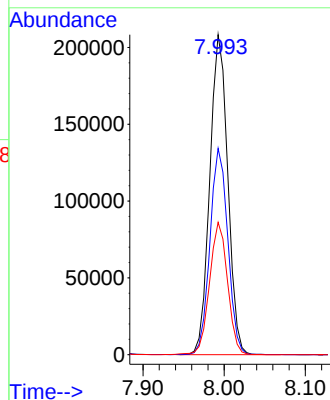
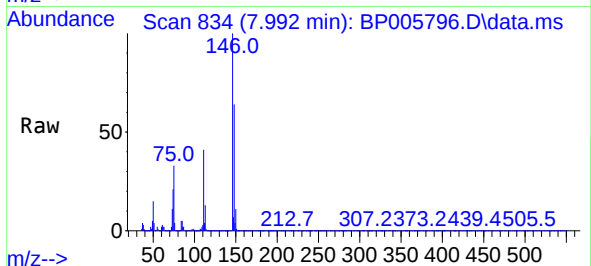
#13  
1,4-Dichlorobenzene  
Concen: 43.331 ng  
RT: 7.992 min Scan# 834  
Delta R.T. -0.000 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

Tgt Ion:146 Resp: 319601  
Ion Ratio Lower Upper  
146 100  
148 64.5 51.3 76.9  
111 41.4 33.0 49.6

Instrument :  
BNA\_P  
ClientSampleId :  
18-B7(0-2)MSD

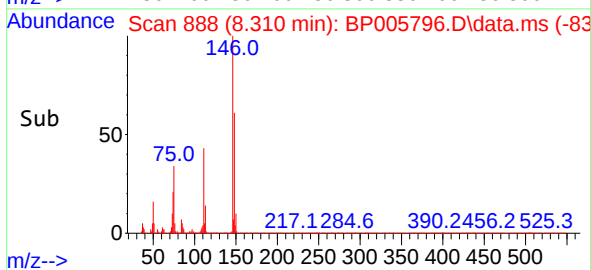
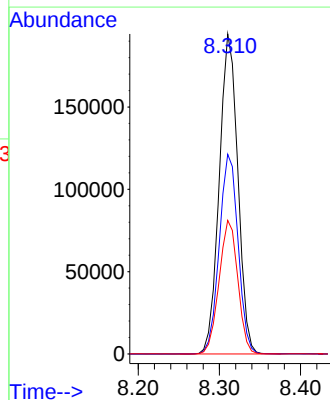
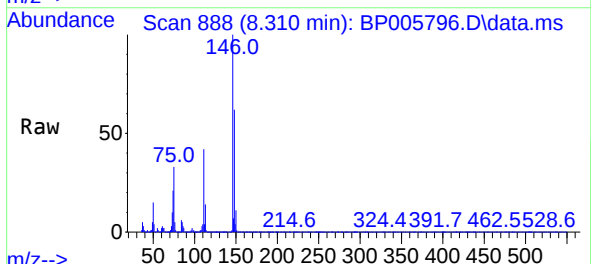
Manual Integrations  
APPROVED

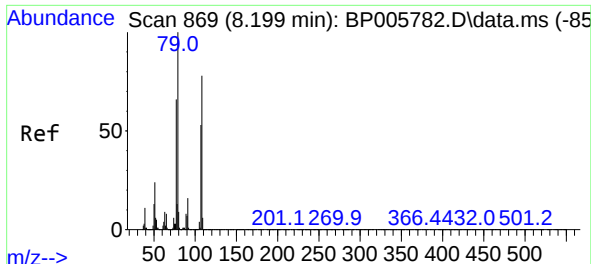
mohammad  
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#14  
1,2-Dichlorobenzene  
Concen: 43.876 ng  
RT: 8.310 min Scan# 888  
Delta R.T. -0.000 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

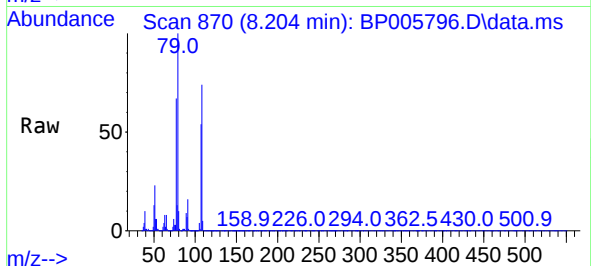
Tgt Ion:146 Resp: 309338  
Ion Ratio Lower Upper  
146 100  
148 62.4 50.3 75.5  
111 41.8 33.7 50.5





#15  
Benzyl Alcohol  
Concen: 47.868 ng  
RT: 8.204 min Scan# 870  
Delta R.T. 0.006 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

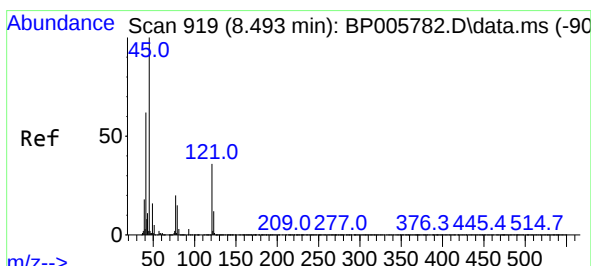
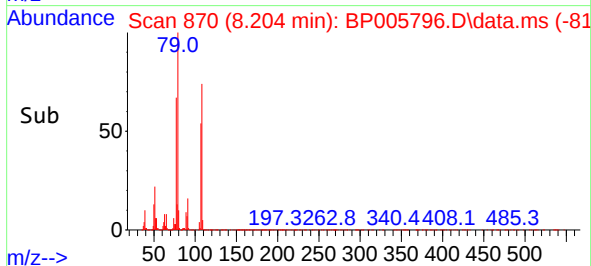
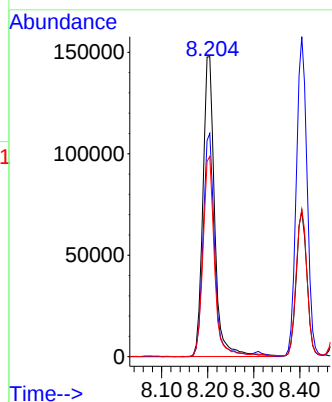
Instrument :  
BNA\_P  
ClientSampleId :  
18-B7(0-2)MSD



Tgt Ion: 79 Resp: 263630  
Ion Ratio Lower Upper  
79 100  
108 74.4 62.5 93.7  
77 66.8 52.9 79.3

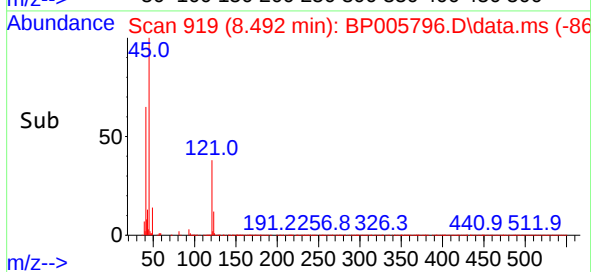
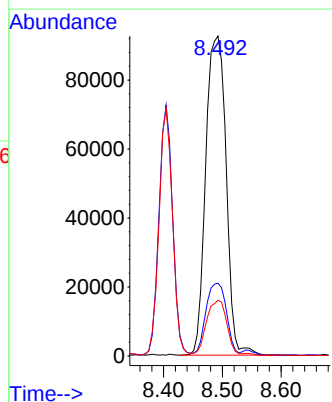
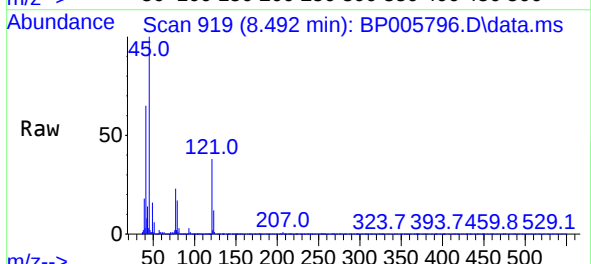
Manual Integrations  
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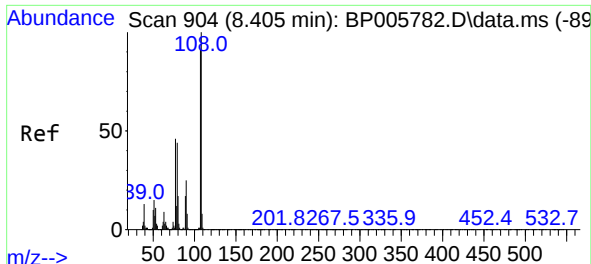
mohammad  
6/9/2021 3:53:24 PM



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 43.500 ng  
RT: 8.492 min Scan# 919  
Delta R.T. -0.000 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

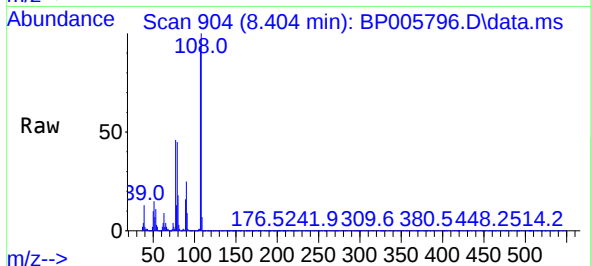
Tgt Ion: 45 Resp: 222576  
Ion Ratio Lower Upper  
45 100  
77 22.8 2.0 42.0  
79 17.4 0.0 36.7





#17  
2-Methylphenol  
Concen: 46.136 ng  
RT: 8.404 min Scan# 904  
Delta R.T. -0.000 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

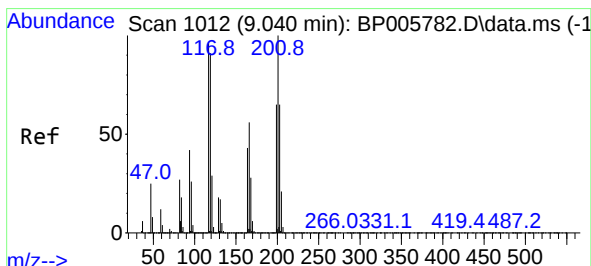
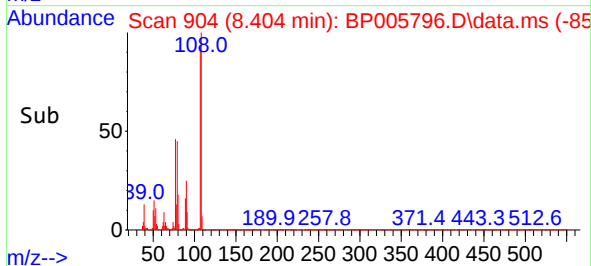
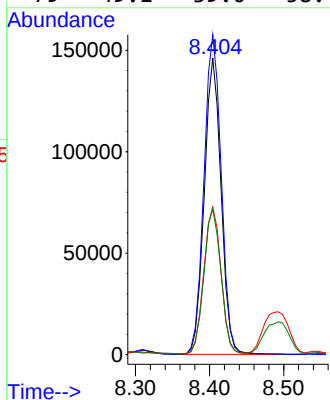
Instrument :  
BNA\_P  
ClientSampleId :  
18-B7(0-2)MSD



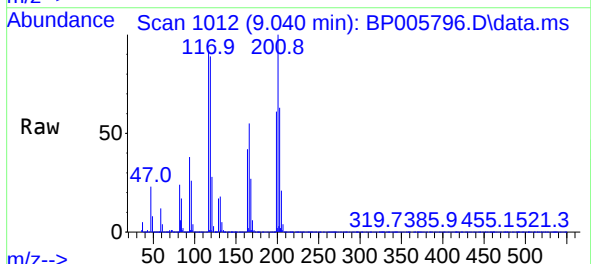
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 229614 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 107.9 | 87.7  | 131.5  |
| 77       | 49.8  | 40.2  | 60.2   |
| 79       | 49.1  | 39.0  | 58.4   |

Manual Integrations  
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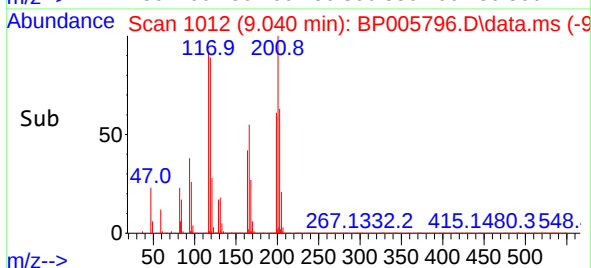
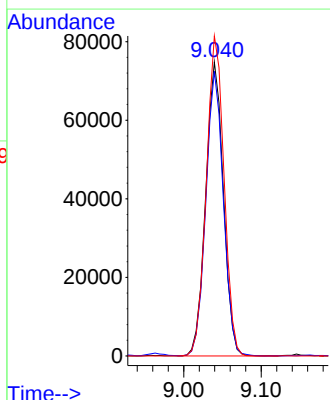
mohammad  
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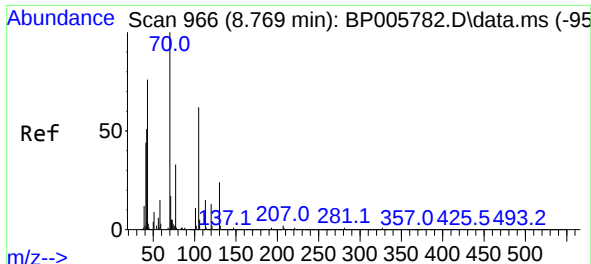


#18  
Hexachloroethane  
Concen: 44.565 ng  
RT: 9.040 min Scan# 1012  
Delta R.T. -0.000 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 118899 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 96.8  | 76.2  | 114.2  |
| 201      | 108.9 | 83.4  | 125.0  |





#19

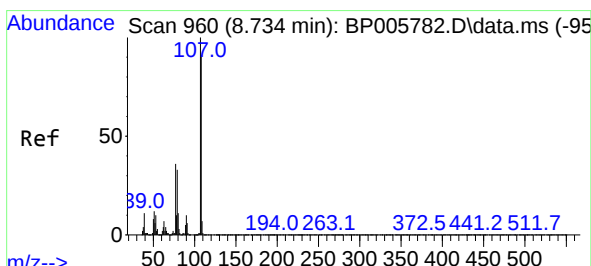
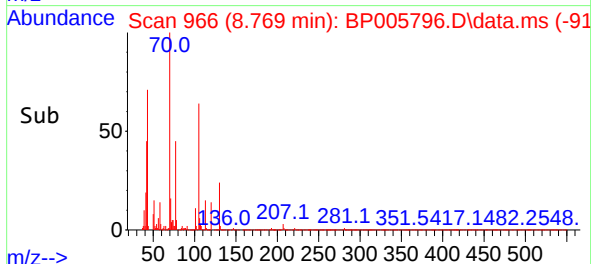
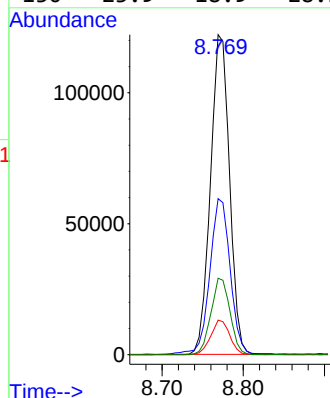
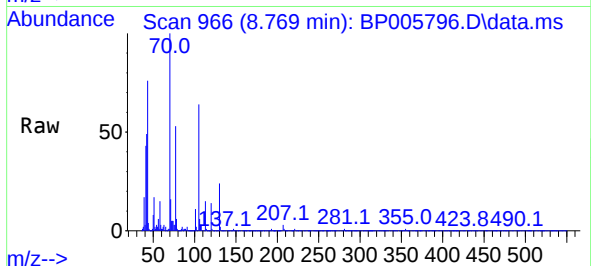
n-Nitroso-di-n-propylamine  
Concen: 44.245 ng  
RT: 8.769 min Scan# 966  
Delta R.T. -0.000 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 199023 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 48.7  | 40.8  | 61.2   |
| 101      | 10.8  | 8.8   | 13.2   |
| 130      | 23.9  | 18.9  | 28.3   |

Instrument :  
BNA\_P  
ClientSampleId :  
18-B7(0-2)MSD

Manual Integrations  
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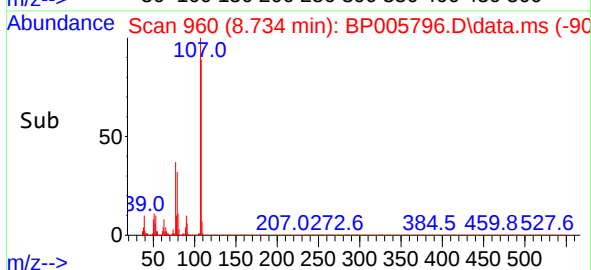
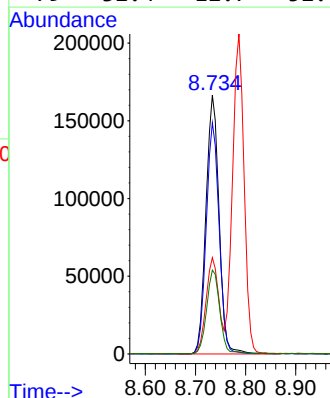
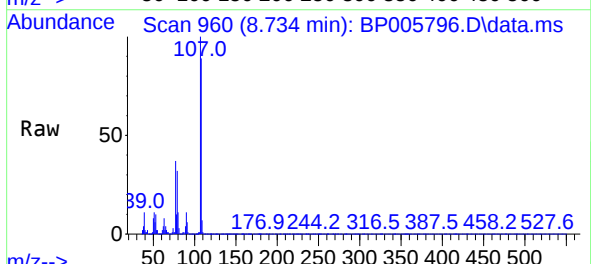
mohammad  
6/9/2021 3:53:24 PM

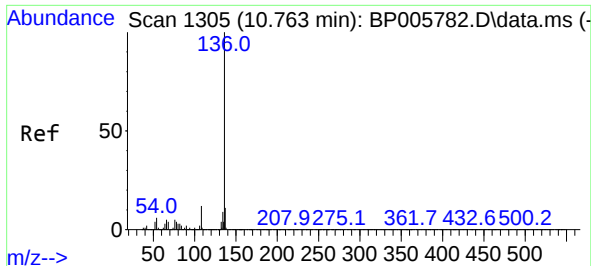


#20

3+4-Methylphenols  
Concen: 44.917 ng  
RT: 8.734 min Scan# 960  
Delta R.T. -0.000 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 301960 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 89.3  | 71.0  | 111.0  |
| 77       | 37.2  | 16.6  | 56.6   |
| 79       | 32.4  | 12.7  | 52.7   |





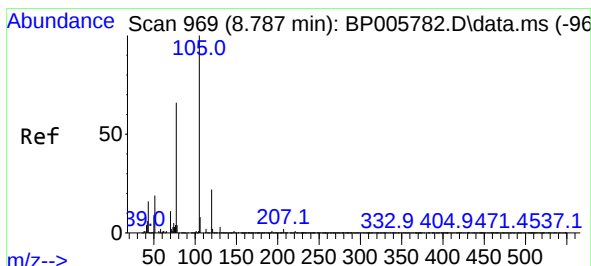
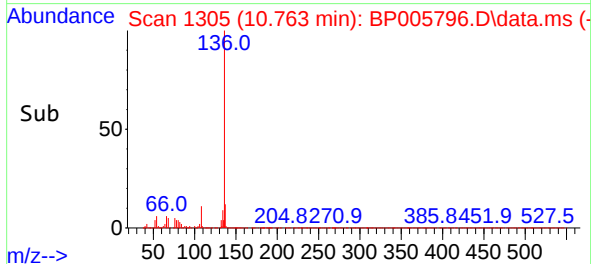
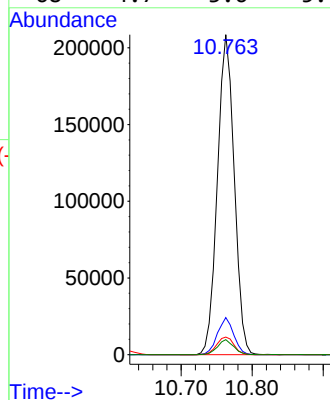
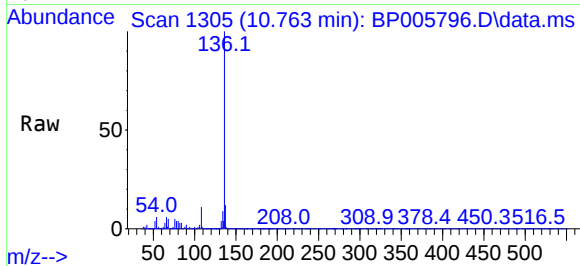
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.763 min Scan# 1305  
Delta R.T. -0.000 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 342066 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 11.6  | 8.6   | 12.8   |
| 54        | 5.5   | 4.6   | 6.8    |
| 68        | 4.7   | 3.6   | 5.4    |

Instrument :  
BNA\_P  
ClientSampleId :  
18-B7(0-2)MSD

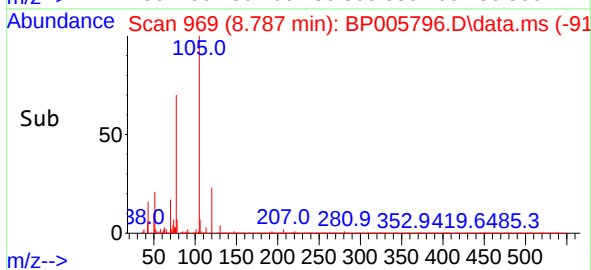
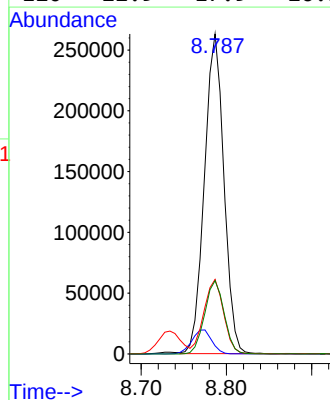
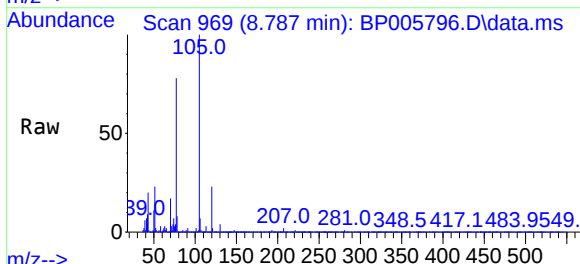
Manual Integrations  
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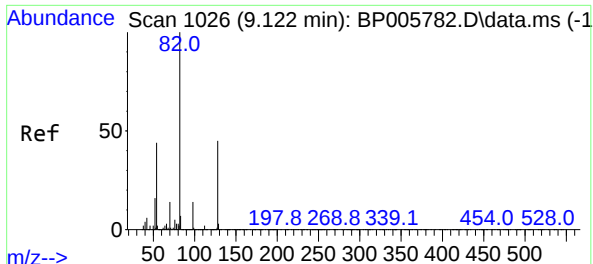
mohammad  
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#22  
Acetophenone  
Concen: 46.362 ng  
RT: 8.787 min Scan# 969  
Delta R.T. -0.000 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

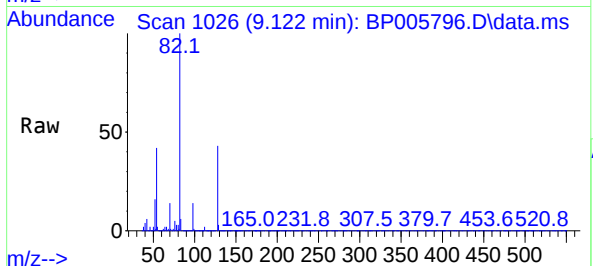
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 417419 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 2.6   | 1.9   | 2.9    |
| 51        | 23.3  | 18.4  | 27.6   |
| 120       | 22.9  | 17.9  | 26.9   |





#23  
Nitrobenzene-d5  
Concen: 84.213 ng  
RT: 9.122 min Scan# 1026  
Delta R.T. -0.000 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

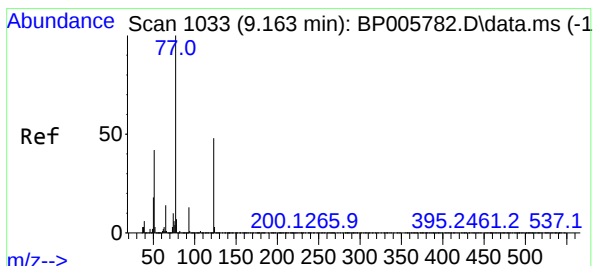
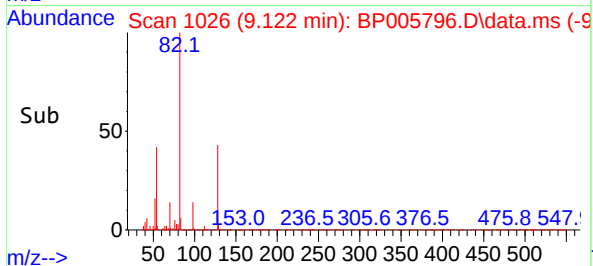
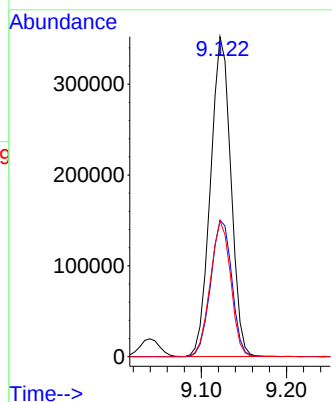
Instrument :  
BNA\_P  
ClientSampleId :  
18-B7(0-2)MSD



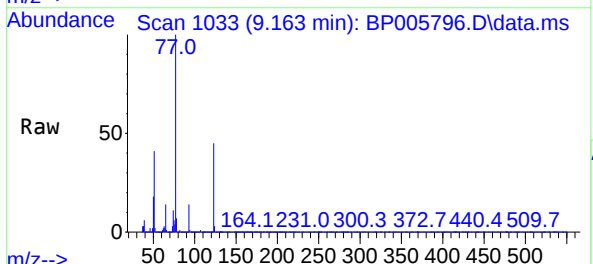
Tgt Ion: 82 Resp: 587563  
Ion Ratio Lower Upper  
82 100  
128 42.7 35.7 53.5  
54 42.4 35.0 52.4

Manual Integrations  
APPROVED

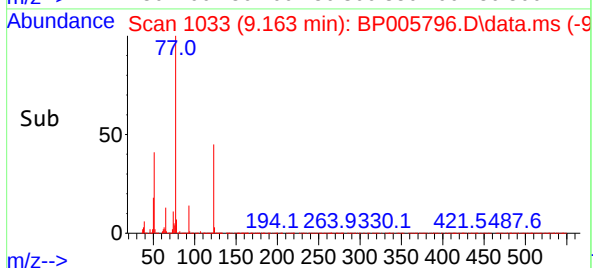
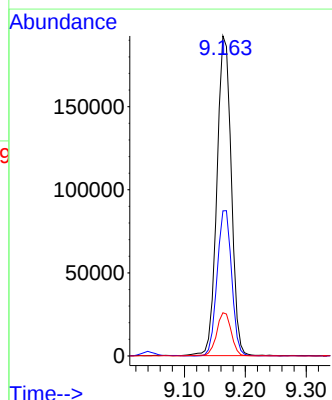
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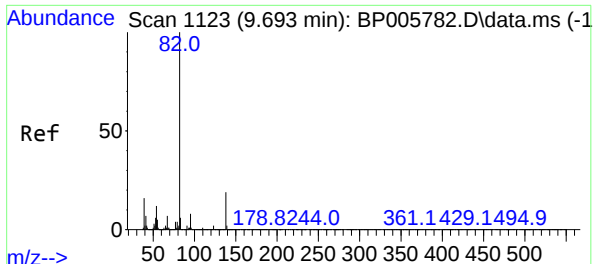


#24  
Nitrobenzene  
Concen: 43.409 ng  
RT: 9.163 min Scan# 1033  
Delta R.T. -0.000 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19



Tgt Ion: 77 Resp: 314500  
Ion Ratio Lower Upper  
77 100  
123 45.4 38.2 57.2  
65 13.5 11.4 17.2





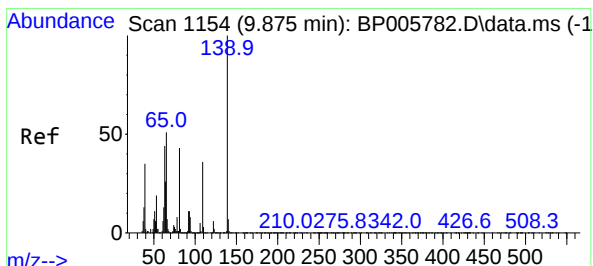
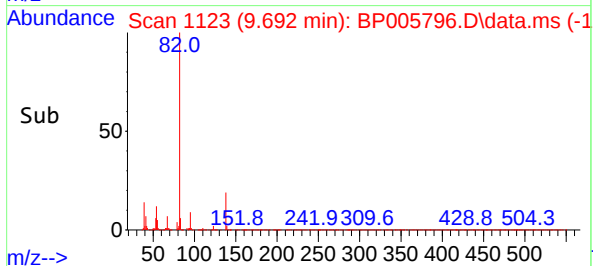
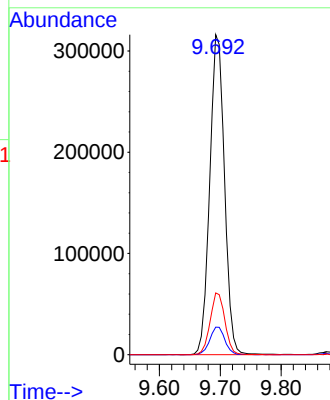
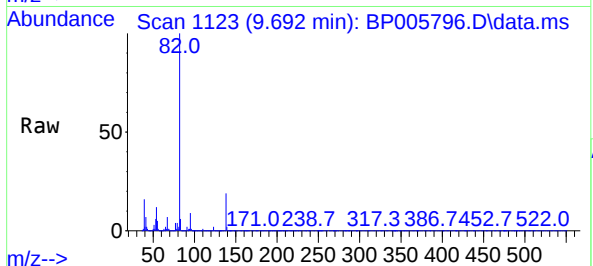
#25  
Isophorone  
Concen: 41.262 ng  
RT: 9.692 min Scan# 1123  
Delta R.T. -0.000 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

Tgt Ion: 82 Resp: 531648  
Ion Ratio Lower Upper  
82 100  
95 8.6 6.5 9.7  
138 19.3 15.0 22.4

Instrument :  
BNA\_P  
ClientSampleId :  
18-B7(0-2)MSD

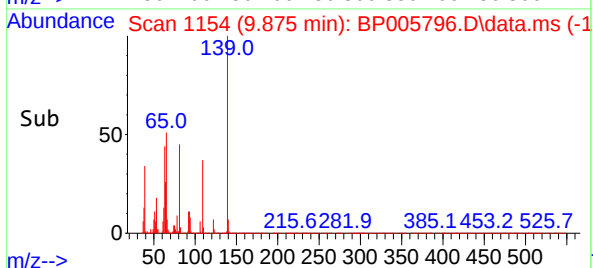
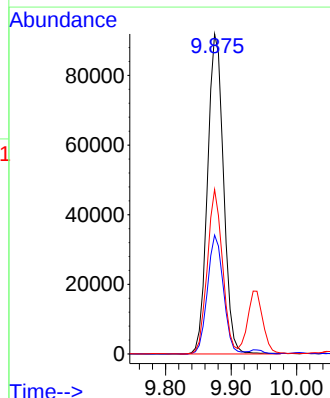
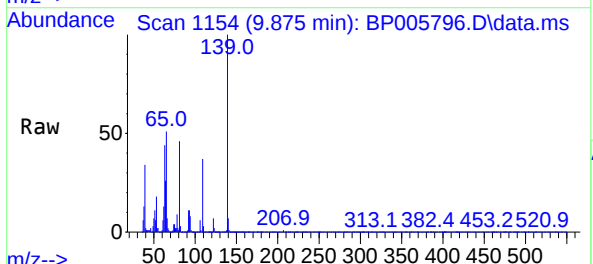
Manual Integrations  
APPROVED

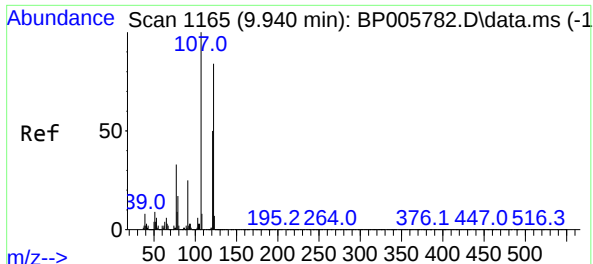
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#26  
2-Nitrophenol  
Concen: 45.192 ng  
RT: 9.875 min Scan# 1154  
Delta R.T. -0.000 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

Tgt Ion:139 Resp: 156224  
Ion Ratio Lower Upper  
139 100  
109 37.1 28.8 43.2  
65 51.4 41.0 61.6





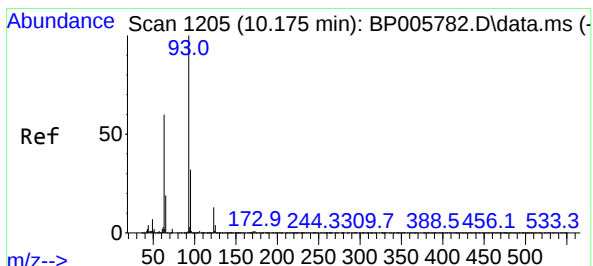
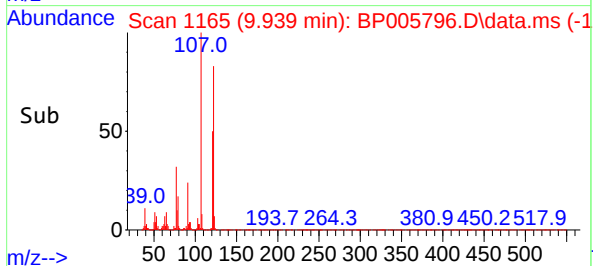
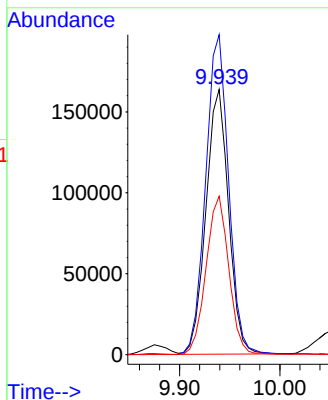
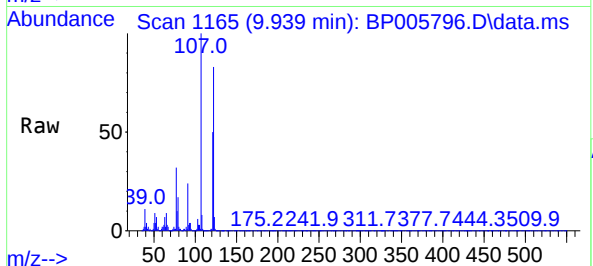
#27  
2,4-Dimethylphenol  
Concen: 50.019 ng  
RT: 9.939 min Scan# 1165  
Delta R.T. -0.000 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 122   | Resp: | 257597 |
| Ion      | Ratio | Lower | Upper  |
| 122      | 100   |       |        |
| 107      | 120.6 | 94.5  | 141.7  |
| 121      | 59.8  | 47.4  | 71.2   |

Instrument :  
BNA\_P  
ClientSampleId :  
18-B7(0-2)MSD

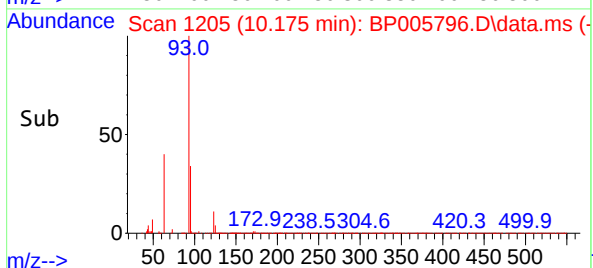
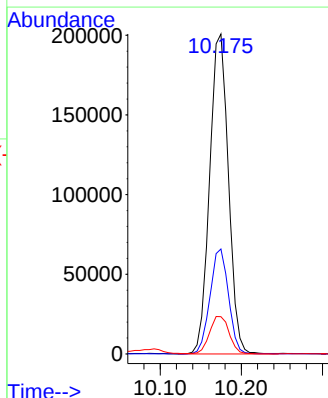
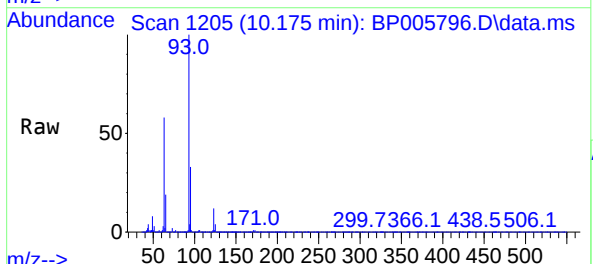
Manual Integrations  
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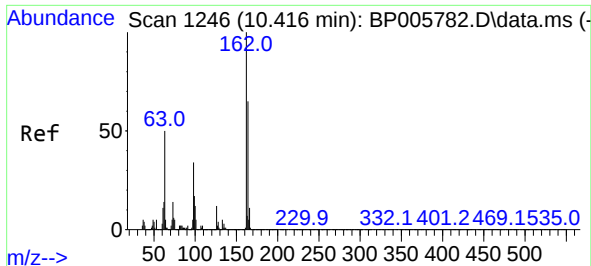
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#28  
bis(2-Chloroethoxy)methane  
Concen: 47.953 ng  
RT: 10.175 min Scan# 1205  
Delta R.T. -0.000 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

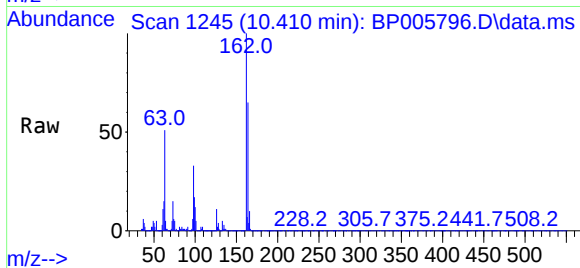
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 322461 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 95       | 32.8  | 25.9  | 38.9   |
| 123      | 11.7  | 10.2  | 15.2   |





#29  
2,4-Dichlorophenol  
Concen: 44.925 ng  
RT: 10.410 min Scan# 1245  
Delta R.T. -0.006 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

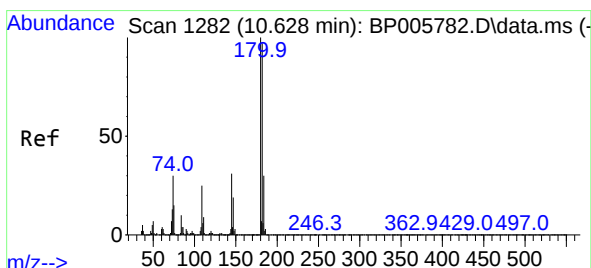
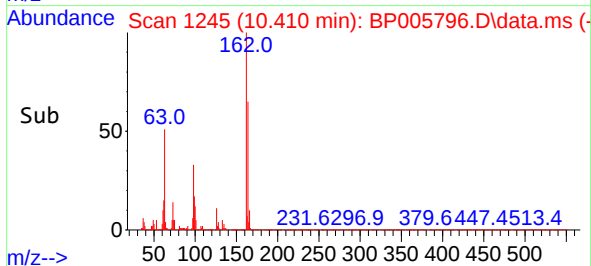
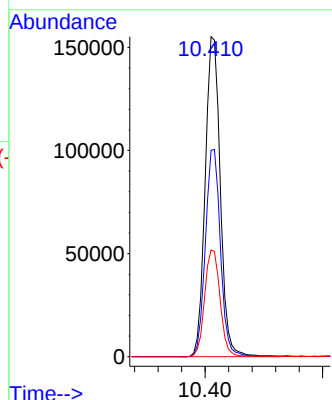
Instrument :  
BNA\_P  
ClientSampleId :  
18-B7(0-2)MSD



Tgt Ion:162 Resp: 278038  
Ion Ratio Lower Upper  
162 100  
164 64.5 44.9 84.9  
98 33.4 14.3 54.3

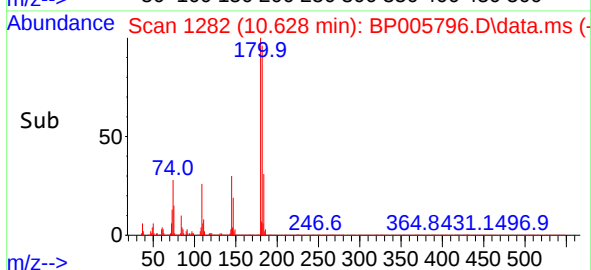
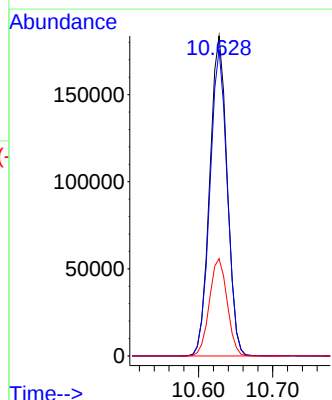
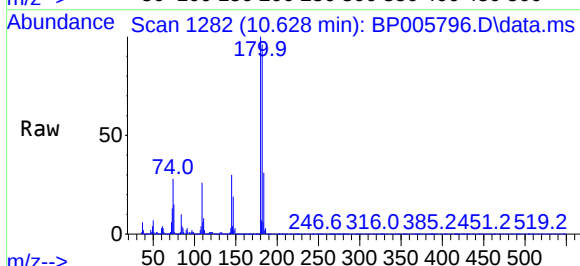
Manual Integrations  
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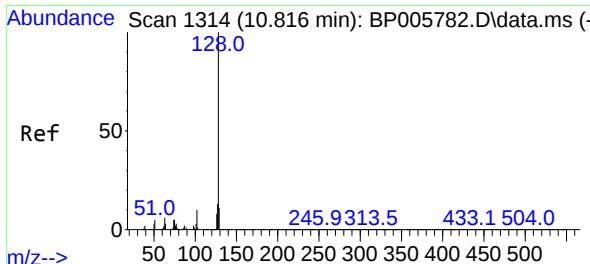
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#30  
1,2,4-Trichlorobenzene  
Concen: 43.087 ng  
RT: 10.628 min Scan# 1282  
Delta R.T. -0.000 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

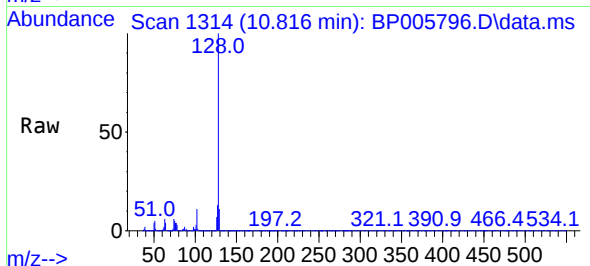
Tgt Ion:180 Resp: 299633  
Ion Ratio Lower Upper  
180 100  
182 95.7 77.9 116.9  
145 30.4 24.7 37.1





#31  
Naphthalene  
Concen: 43.060 ng  
RT: 10.816 min Scan# 1314  
Delta R.T. -0.000 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

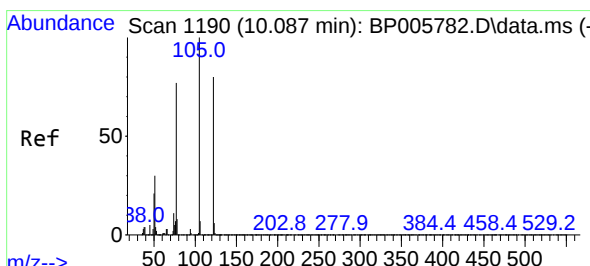
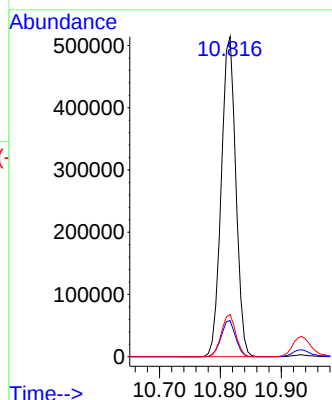
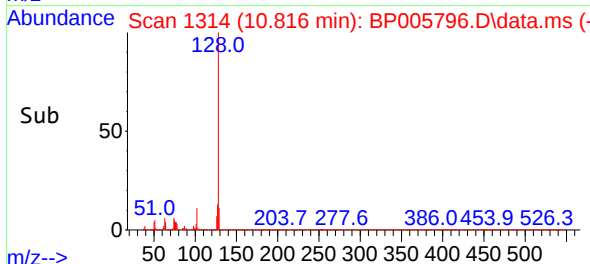
Instrument :  
BNA\_P  
ClientSampleId :  
18-B7(0-2)MSD



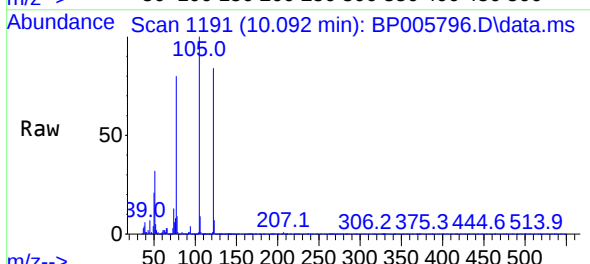
Tgt Ion:128 Resp: 852242  
Ion Ratio Lower Upper  
128 100  
129 11.3 9.0 13.6  
127 13.2 10.7 16.1

Manual Integrations  
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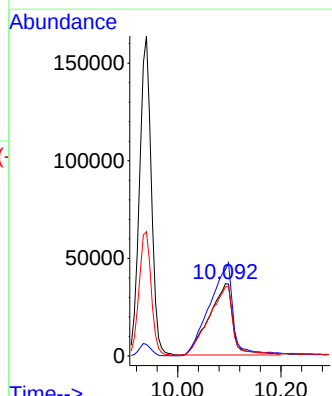
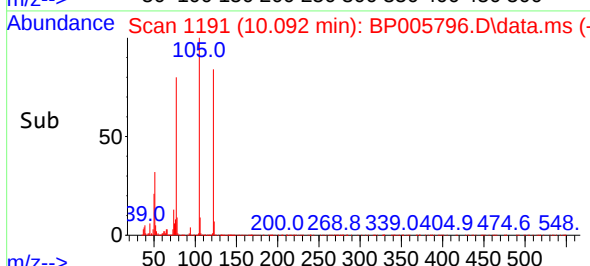
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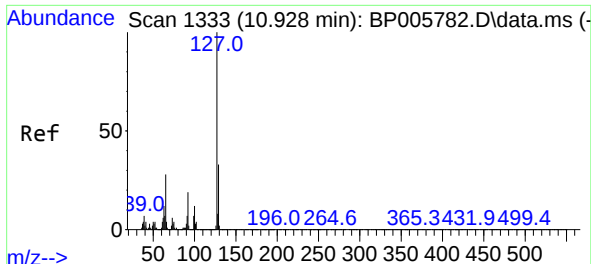


#32  
Benzoic acid  
Concen: 32.713 ng  
RT: 10.092 min Scan# 1191  
Delta R.T. 0.005 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19



Tgt Ion:122 Resp: 117283  
Ion Ratio Lower Upper  
122 100  
105 119.4 103.2 143.2  
77 95.5 76.2 116.2





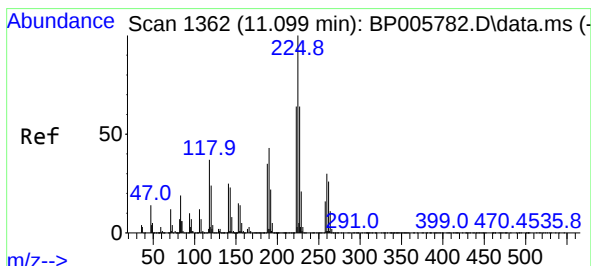
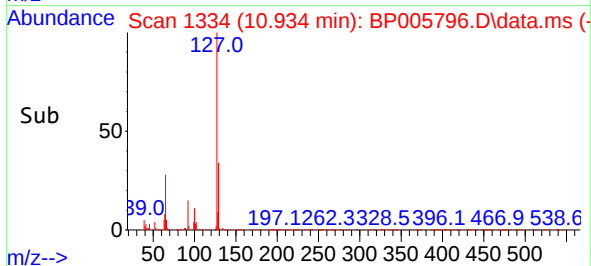
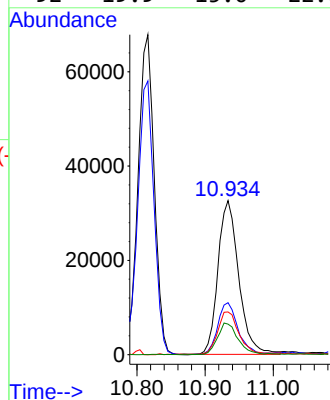
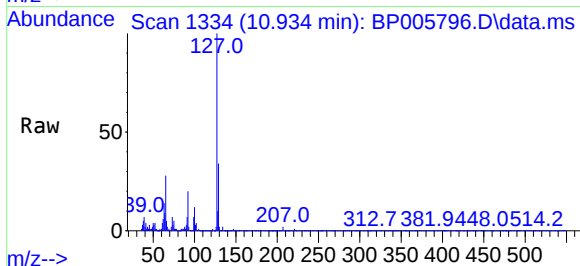
#33  
4-Chloroaniline  
Concen: 8.668 ng  
RT: 10.934 min Scan# 1334  
Delta R.T. 0.006 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 127   | Resp: | 69307 |
| Ion Ratio | Lower | Upper |       |
| 127       | 100   |       |       |
| 129       | 33.7  | 26.1  | 39.1  |
| 65        | 27.8  | 22.5  | 33.7  |
| 92        | 19.9  | 15.0  | 22.6  |

Instrument :  
BNA\_P  
ClientSampleId :  
18-B7(0-2)MSD

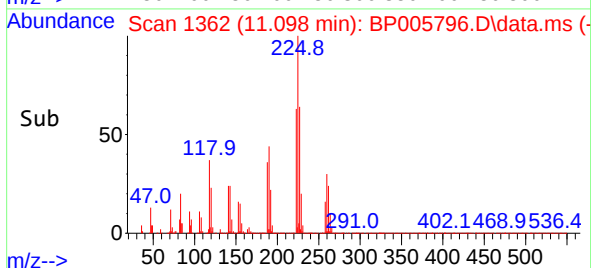
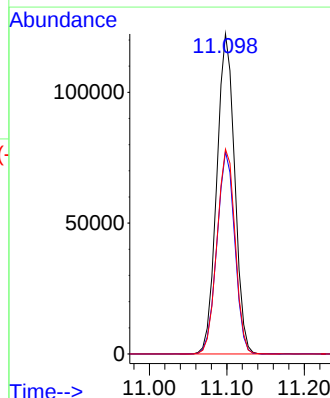
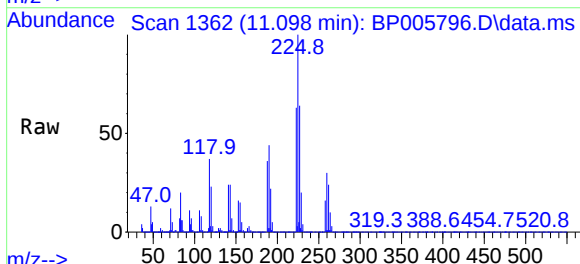
Manual Integrations  
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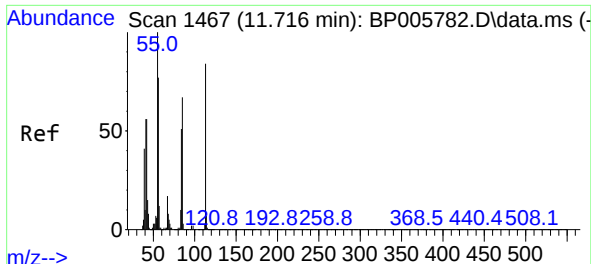
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#34  
Hexachlorobutadiene  
Concen: 41.814 ng  
RT: 11.098 min Scan# 1362  
Delta R.T. -0.000 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

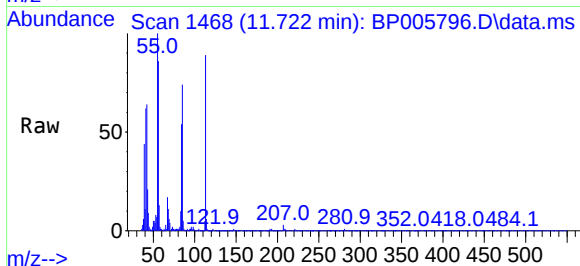
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 196681 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 63.3  | 51.0  | 76.6   |
| 227       | 64.0  | 51.4  | 77.2   |





#35  
Caprolactam  
Concen: 35.598 ng m  
RT: 11.722 min Scan# 1468  
Delta R.T. 0.006 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

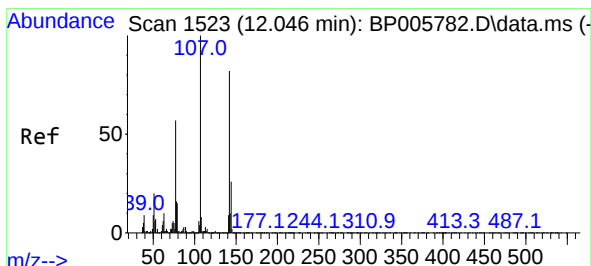
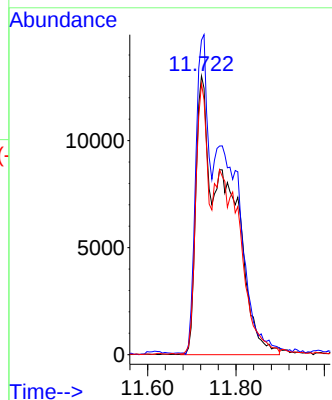
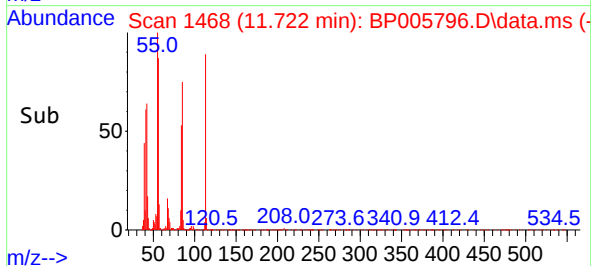
Instrument :  
BNA\_P  
ClientSampleId :  
18-B7(0-2)MSD



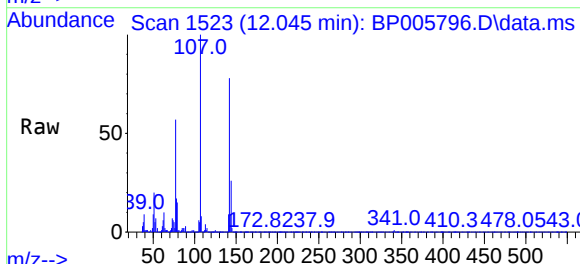
Tgt Ion:113 Resp: 63461  
Ion Ratio Lower Upper  
113 100  
55 112.9 98.9 138.9  
56 97.3 71.7 111.7

Manual Integrations  
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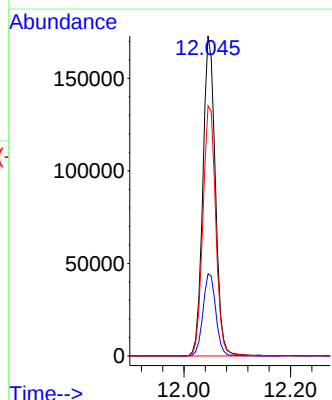
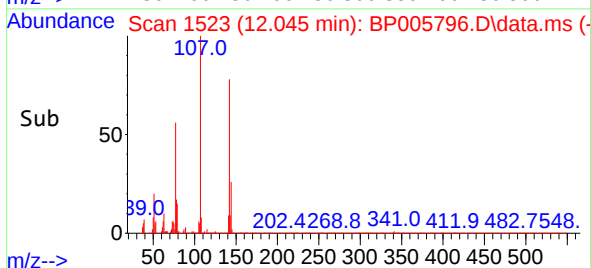
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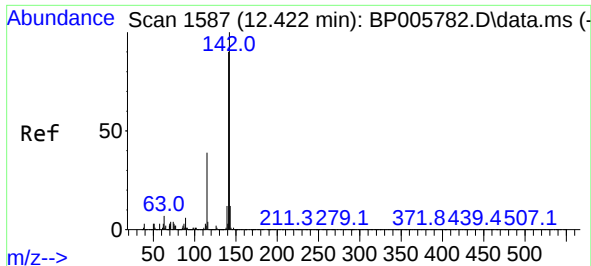


#36  
4-Chloro-3-methylphenol  
Concen: 44.656 ng  
RT: 12.045 min Scan# 1523  
Delta R.T. -0.000 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19



Tgt Ion:107 Resp: 280629  
Ion Ratio Lower Upper  
107 100  
144 25.7 21.1 31.7  
142 78.2 66.0 99.0





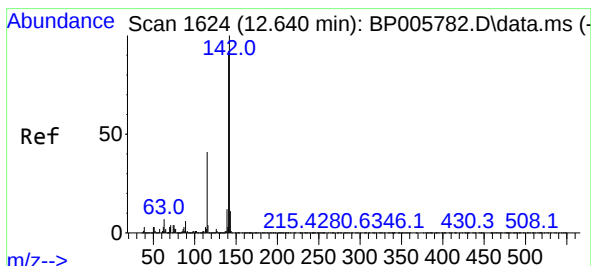
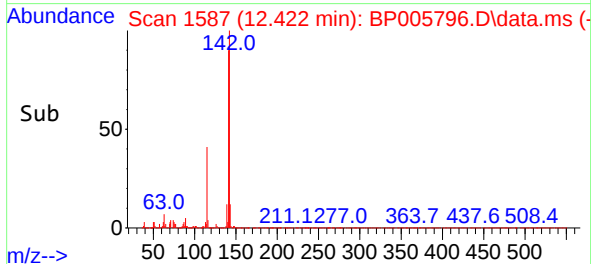
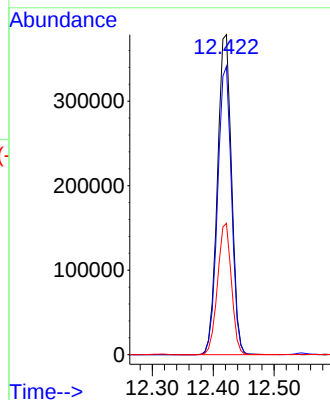
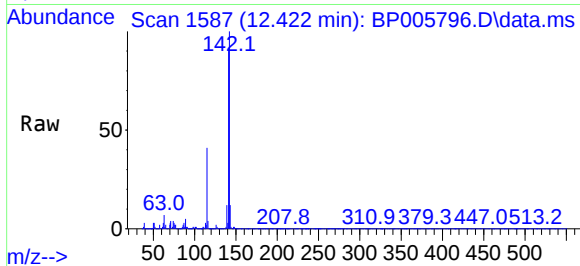
#37  
2-Methylnaphthalene  
Concen: 43.233 ng  
RT: 12.422 min Scan# 1587  
Delta R.T. -0.000 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

Tgt Ion:142 Resp: 609216  
Ion Ratio Lower Upper  
142 100  
141 90.1 71.8 107.6  
115 41.0 31.6 47.4

Instrument :  
BNA\_P  
ClientSampleId :  
18-B7(0-2)MSD

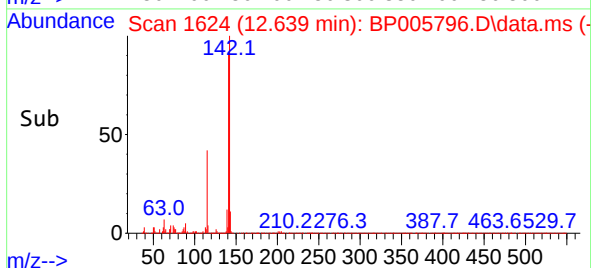
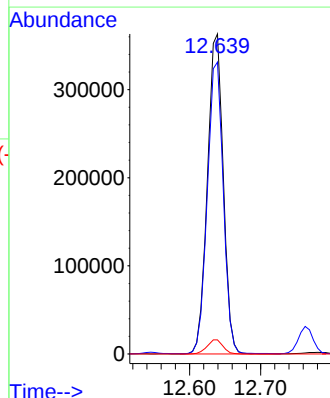
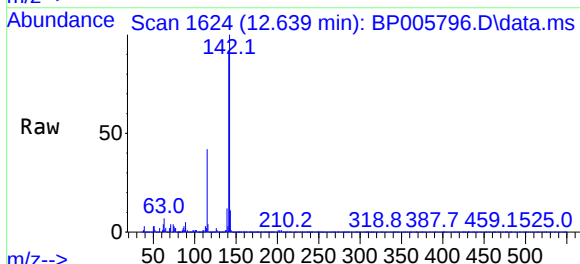
Manual Integrations  
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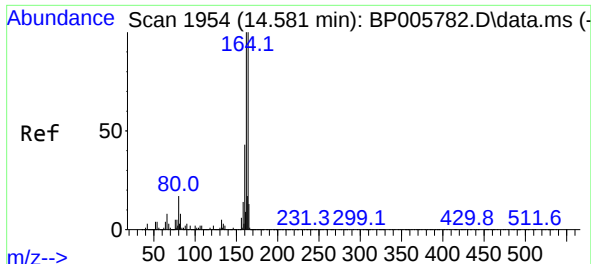
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#38  
1-Methylnaphthalene  
Concen: 42.451 ng  
RT: 12.639 min Scan# 1624  
Delta R.T. -0.000 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

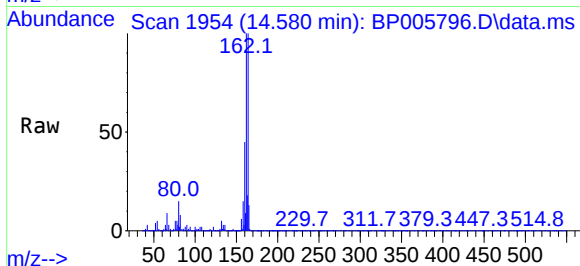
Tgt Ion:142 Resp: 563463  
Ion Ratio Lower Upper  
142 100  
141 91.2 73.3 109.9  
116 4.4 3.5 5.3





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.580 min Scan# 1954  
Delta R.T. -0.001 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

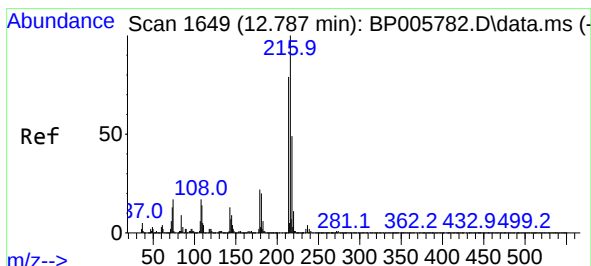
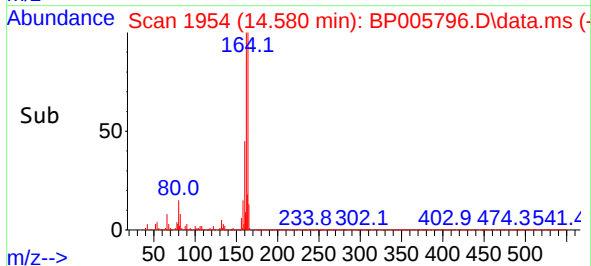
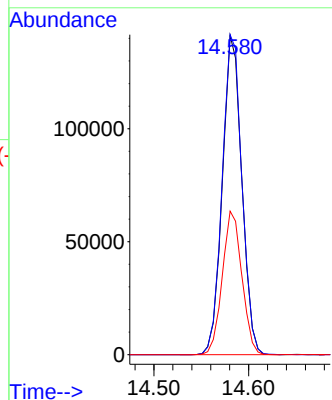
Instrument :  
BNA\_P  
ClientSampleId :  
18-B7(0-2)MSD



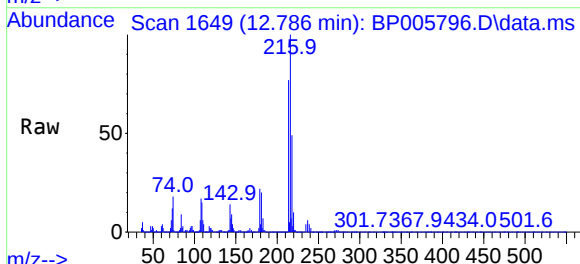
Tgt Ion:164 Resp: 201026  
Ion Ratio Lower Upper  
164 100  
162 100.3 80.2 120.2  
160 45.0 34.5 51.7

Manual Integrations  
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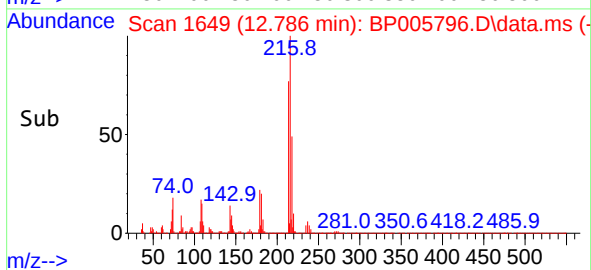
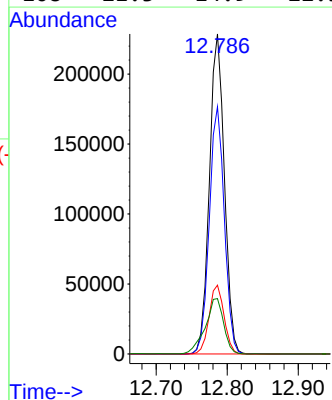
mohammad  
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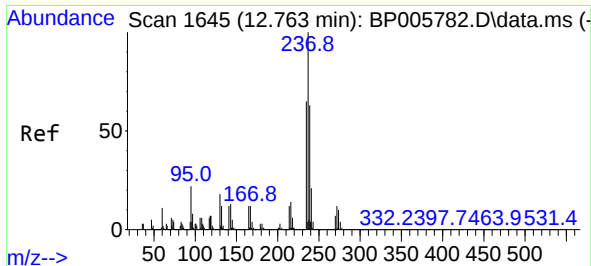


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 47.373 ng  
RT: 12.786 min Scan# 1649  
Delta R.T. -0.000 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19



Tgt Ion:216 Resp: 335210  
Ion Ratio Lower Upper  
216 100  
214 77.6 61.9 92.9  
179 21.6 16.8 25.2  
108 21.3 14.9 22.3





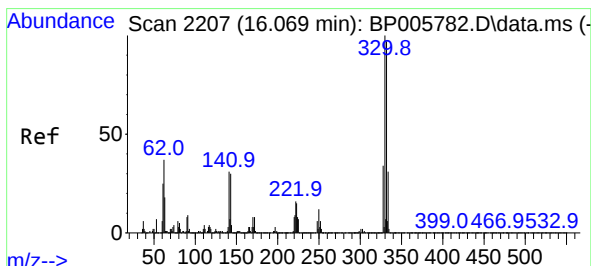
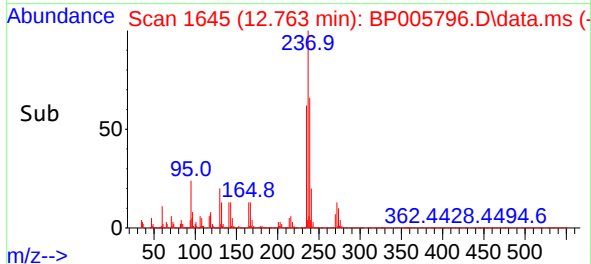
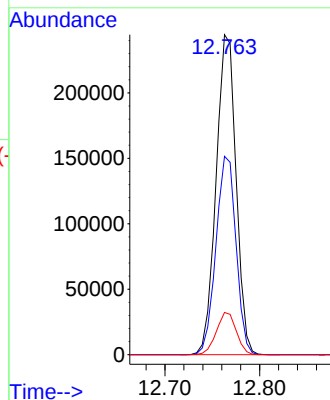
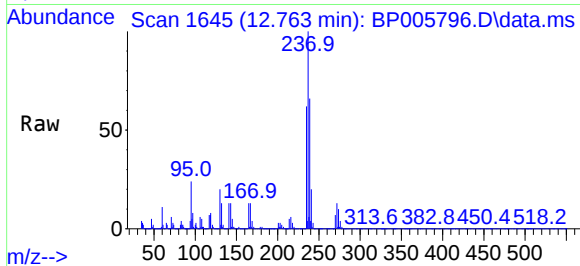
#41  
Hexachlorocyclopentadiene  
Concen: 99.388 ng  
RT: 12.763 min Scan# 1645  
Delta R.T. -0.000 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

Tgt Ion: 237 Resp: 358446  
Ion Ratio Lower Upper  
237 100  
235 62.0 44.5 84.5  
272 13.2 0.0 32.5

Instrument :  
BNA\_P  
ClientSampleId :  
18-B7(0-2)MSD

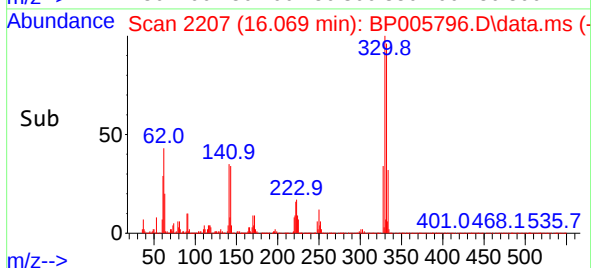
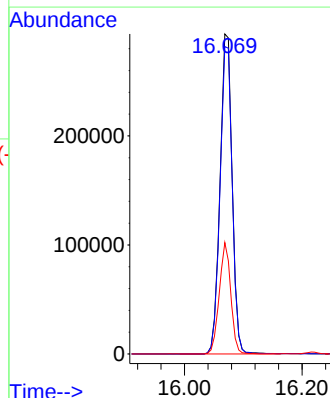
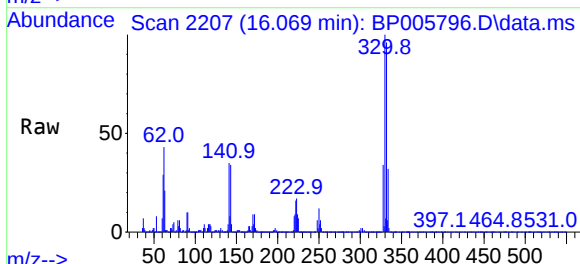
Manual Integrations  
APPROVED

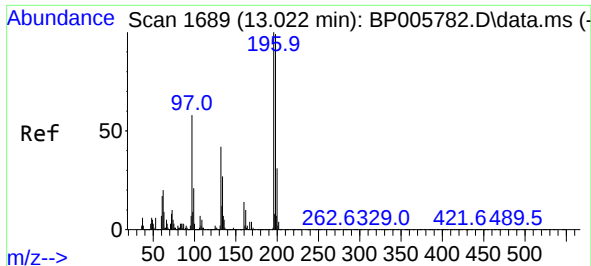
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#42  
2,4,6-Tribromophenol  
Concen: 121.961 ng  
RT: 16.069 min Scan# 2207  
Delta R.T. -0.000 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

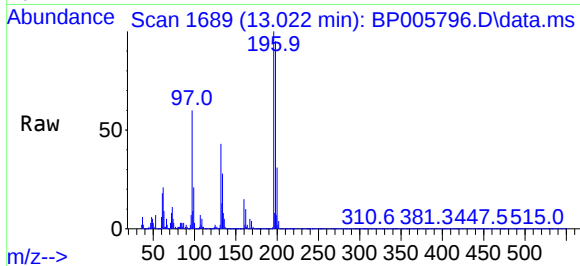
Tgt Ion: 330 Resp: 420736  
Ion Ratio Lower Upper  
330 100  
332 97.0 77.8 116.8  
141 33.1 25.4 38.2





#43  
2,4,6-Trichlorophenol  
Concen: 45.665 ng  
RT: 13.022 min Scan# 1689  
Delta R.T. -0.000 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

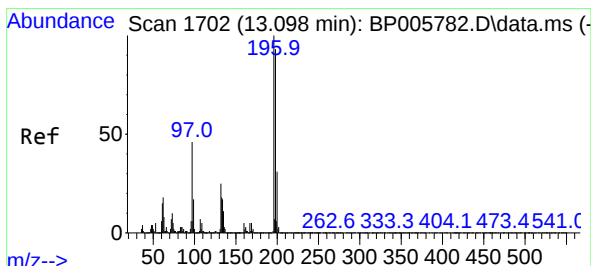
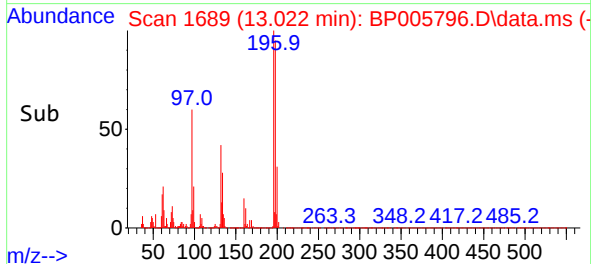
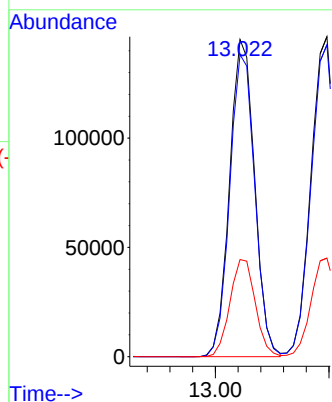
Instrument :  
BNA\_P  
ClientSampleId :  
18-B7(0-2)MSD



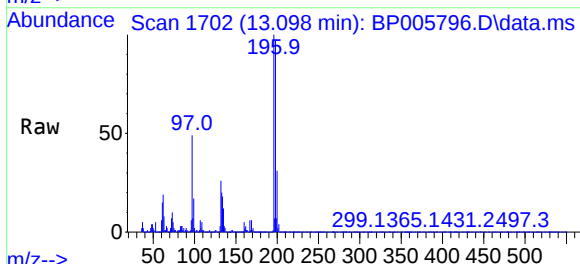
Tgt Ion:196 Resp: 221635  
Ion Ratio Lower Upper  
196 100  
198 95.2 79.5 119.3  
200 30.6 25.0 37.6

Manual Integrations  
APPROVED

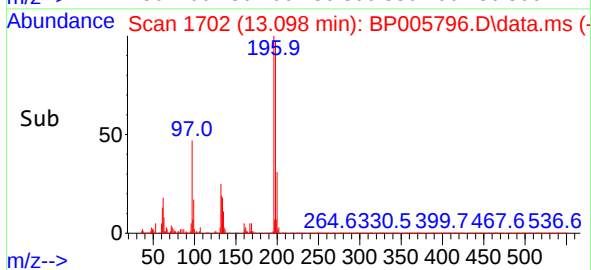
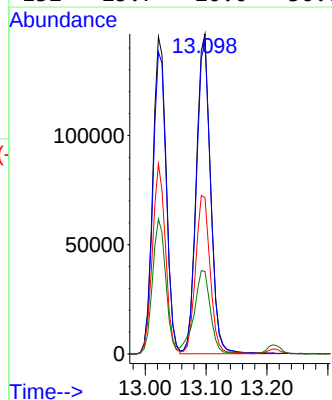
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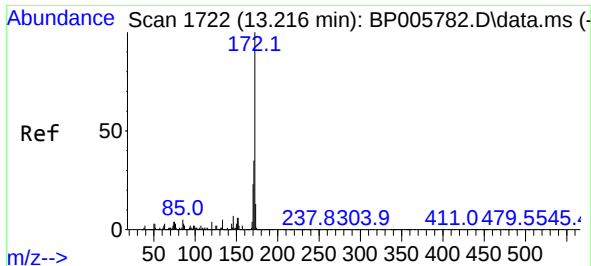


#44  
2,4,5-Trichlorophenol  
Concen: 45.705 ng  
RT: 13.098 min Scan# 1702  
Delta R.T. -0.000 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19



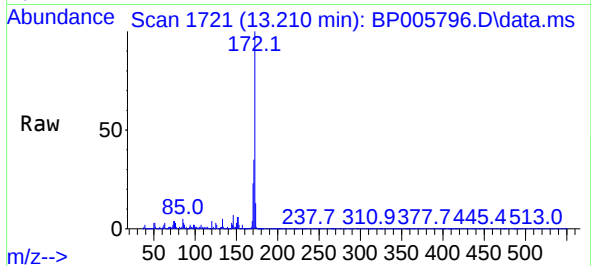
Tgt Ion:196 Resp: 238898  
Ion Ratio Lower Upper  
196 100  
198 97.5 74.7 112.1  
97 48.8 37.4 56.0  
132 25.7 20.0 30.0





#45  
2-Fluorobiphenyl  
Concen: 79.460 ng  
RT: 13.210 min Scan# 1721  
Delta R.T. -0.006 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

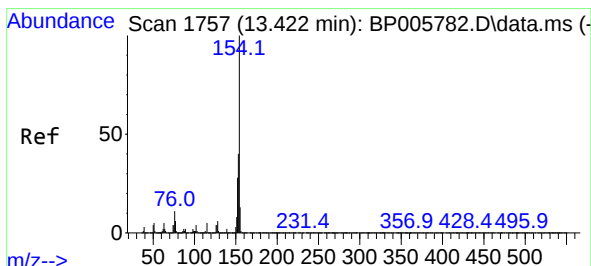
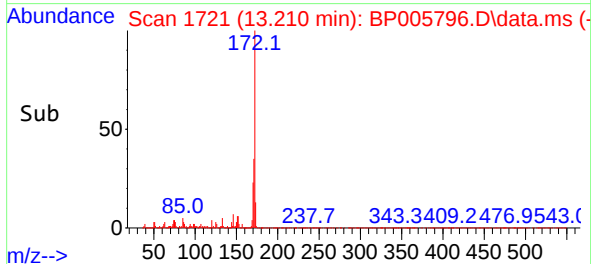
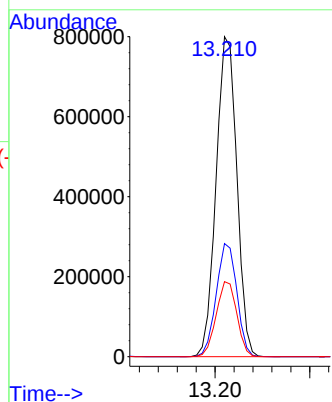
Instrument :  
BNA\_P  
ClientSampleId :  
18-B7(0-2)MSD



Tgt Ion:172 Resp: 1216448  
Ion Ratio Lower Upper  
172 100  
171 35.3 27.9 41.9  
170 23.5 18.6 27.8

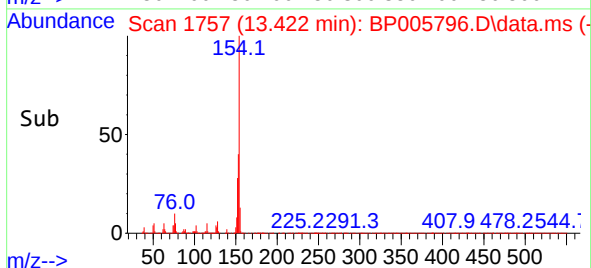
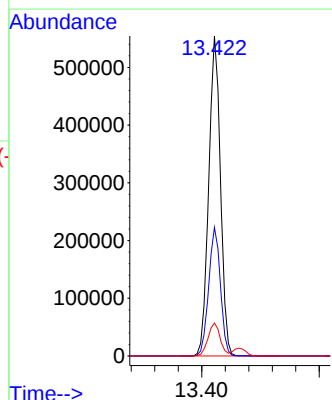
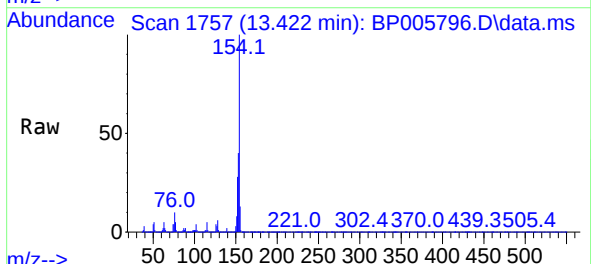
Manual Integrations  
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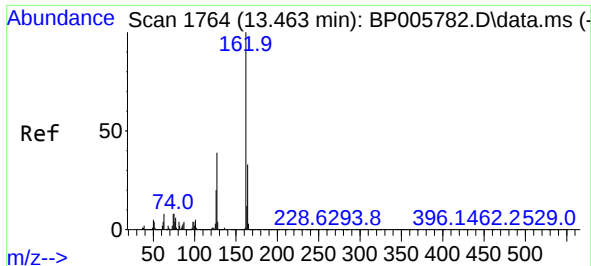
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#46  
1,1'-Biphenyl  
Concen: 47.326 ng  
RT: 13.422 min Scan# 1757  
Delta R.T. -0.000 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

Tgt Ion:154 Resp: 767081  
Ion Ratio Lower Upper  
154 100  
153 40.2 20.4 60.4  
76 10.3 0.0 30.8





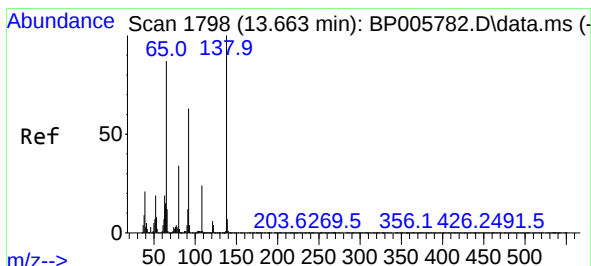
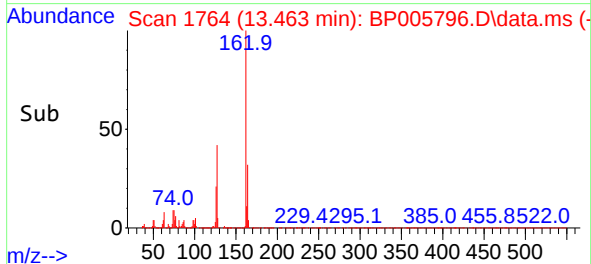
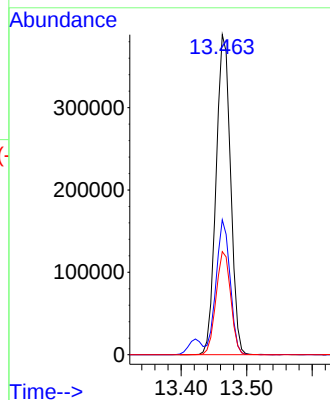
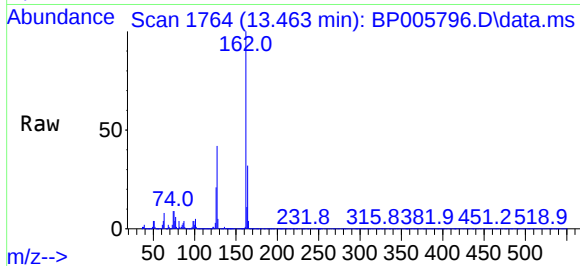
#47  
2-Chloronaphthalene  
Concen: 44.911 ng  
RT: 13.463 min Scan# 1764  
Delta R.T. -0.000 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

Tgt Ion:162 Resp: 594422  
Ion Ratio Lower Upper  
162 100  
127 42.2 31.4 47.0  
164 32.2 26.6 39.8

Instrument :  
BNA\_P  
ClientSampleId :  
18-B7(0-2)MSD

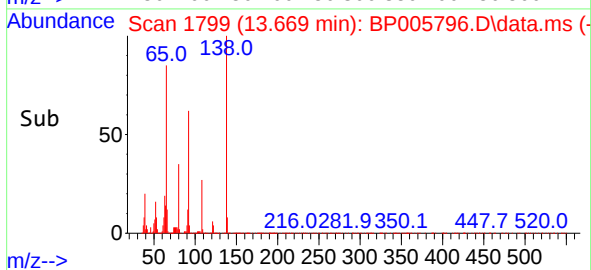
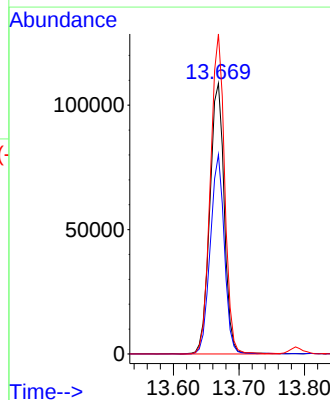
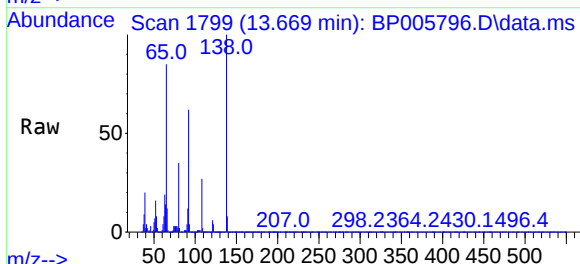
Manual Integrations  
APPROVED

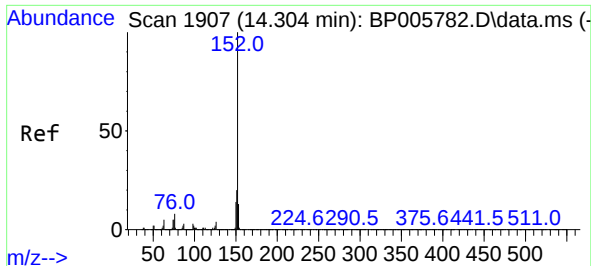
mohammad  
6/9/2021 3:53:24 PM



#48  
2-Nitroaniline  
Concen: 47.882 ng  
RT: 13.669 min Scan# 1799  
Delta R.T. 0.006 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

Tgt Ion: 65 Resp: 166627  
Ion Ratio Lower Upper  
65 100  
92 73.7 57.7 86.5  
138 118.3 92.1 138.1





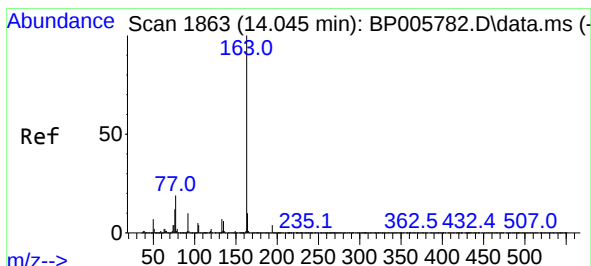
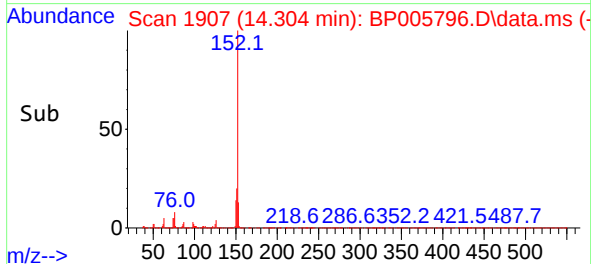
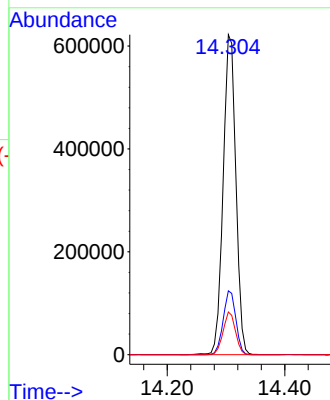
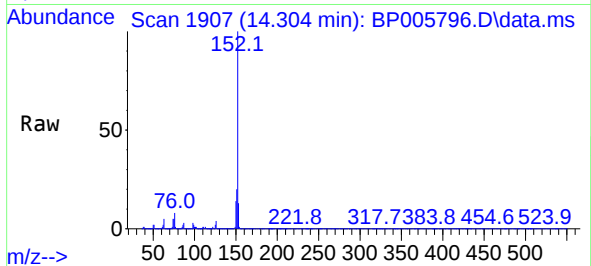
#49  
Acenaphthylene  
Concen: 45.948 ng  
RT: 14.304 min Scan# 1907  
Delta R.T. -0.000 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

Tgt Ion:152 Resp: 932989  
Ion Ratio Lower Upper  
152 100  
151 20.0 16.2 24.2  
153 13.4 10.6 16.0

Instrument :  
BNA\_P  
ClientSampleId :  
18-B7(0-2)MSD

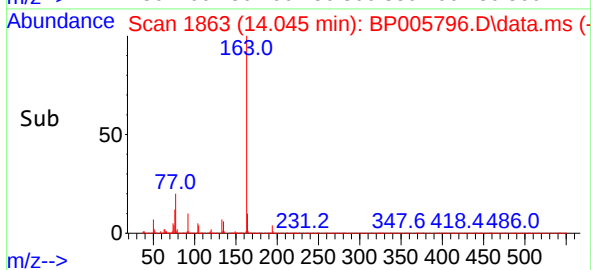
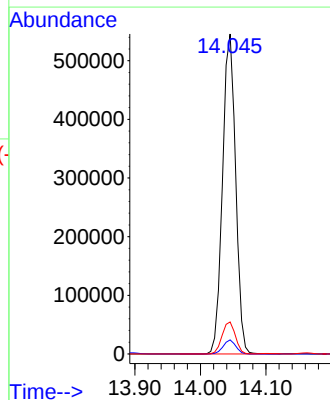
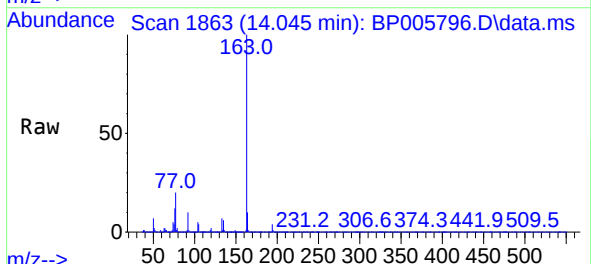
Manual Integrations  
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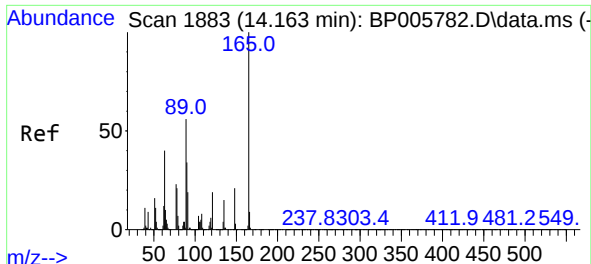
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#50  
Dimethylphthalate  
Concen: 45.587 ng  
RT: 14.045 min Scan# 1863  
Delta R.T. -0.000 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

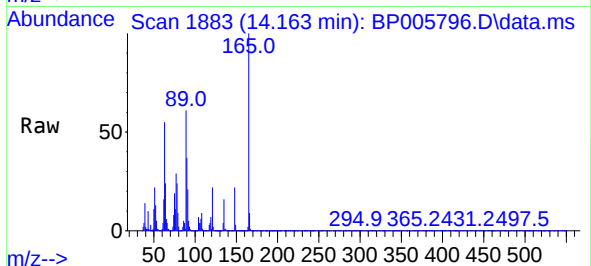
Tgt Ion:163 Resp: 753481  
Ion Ratio Lower Upper  
163 100  
194 4.4 3.4 5.2  
164 10.0 8.2 12.2





#51  
2,6-Dinitrotoluene  
Concen: 44.382 ng  
RT: 14.163 min Scan# 1883  
Delta R.T. -0.000 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

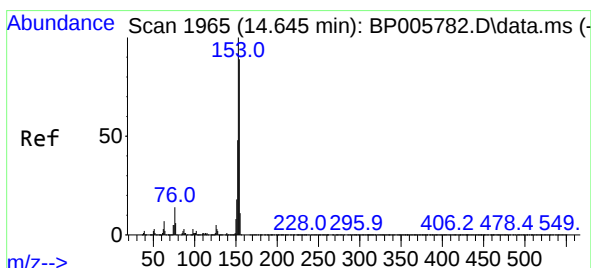
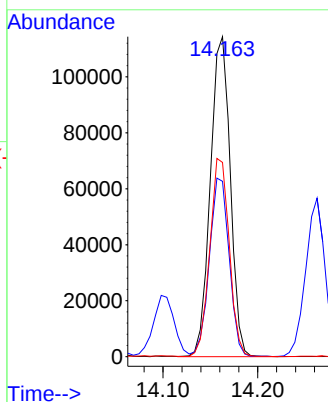
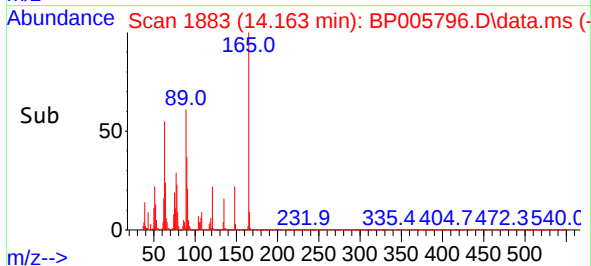
Instrument :  
BNA\_P  
ClientSampleId :  
18-B7(0-2)MSD



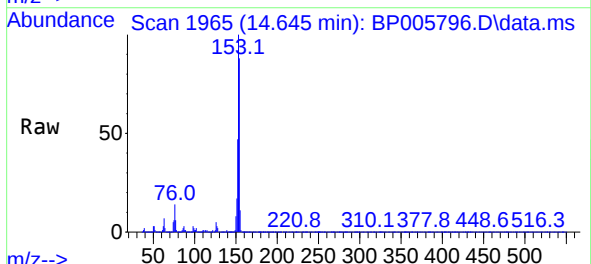
Tgt Ion:165 Resp: 166731  
Ion Ratio Lower Upper  
165 100  
63 54.8 41.3 61.9  
89 60.7 44.8 67.2

Manual Integrations  
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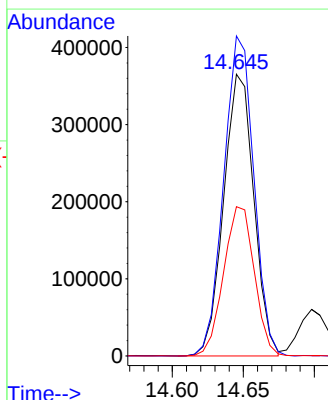
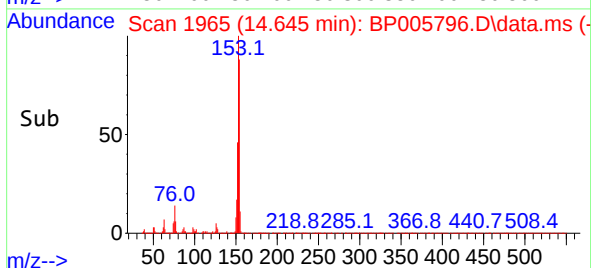
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6/9/2021 3:53:24 PM

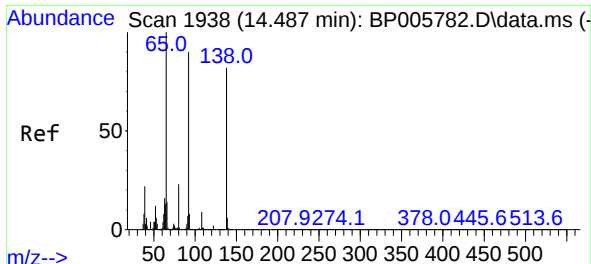


#52  
Acenaphthene  
Concen: 43.891 ng  
RT: 14.645 min Scan# 1965  
Delta R.T. -0.000 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19



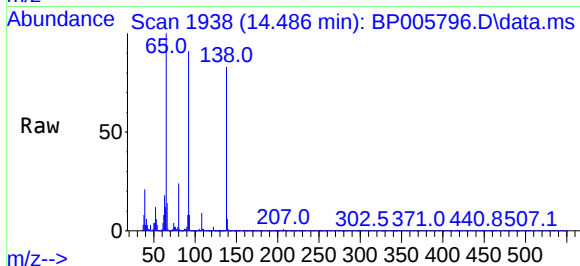
Tgt Ion:154 Resp: 541227  
Ion Ratio Lower Upper  
154 100  
153 113.6 89.4 134.2  
152 53.0 43.0 64.4





#53  
3-Nitroaniline  
Concen: 29.056 ng  
RT: 14.486 min Scan# 1938  
Delta R.T. -0.000 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

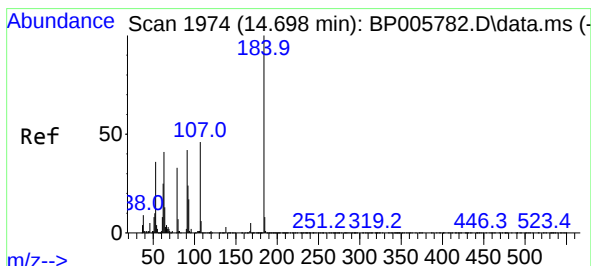
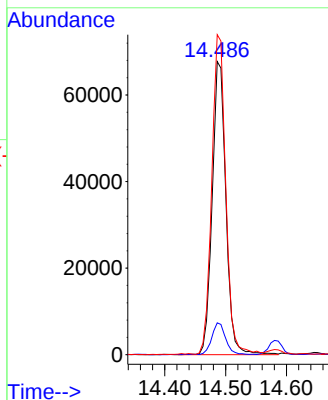
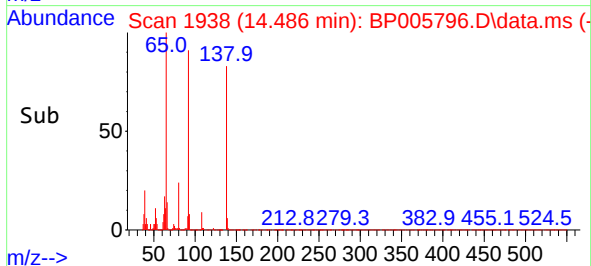
Instrument :  
BNA\_P  
ClientSampleId :  
18-B7(0-2)MSD



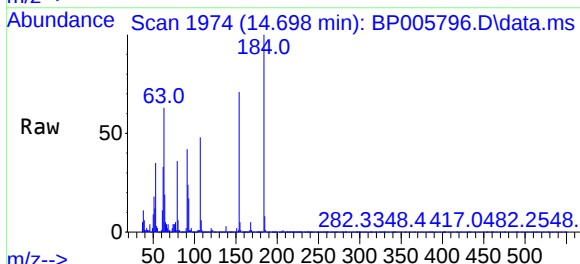
Tgt Ion:138 Resp: 105796  
Ion Ratio Lower Upper  
138 100  
108 10.9 8.4 12.6  
92 109.2 87.8 131.8

Manual Integrations  
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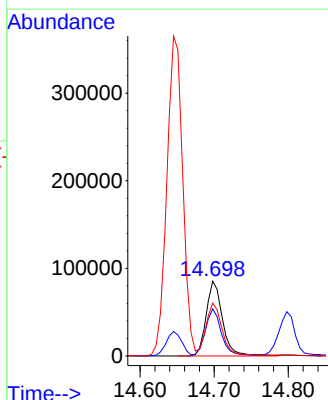
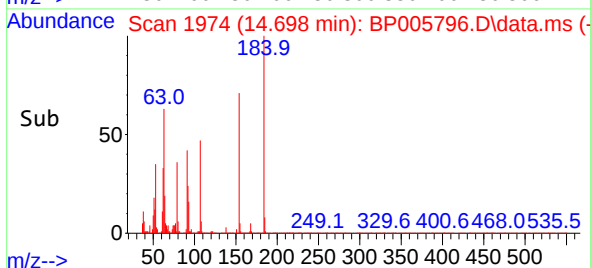
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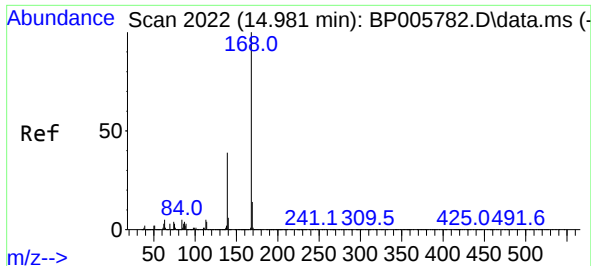


#54  
2,4-Dinitrophenol  
Concen: 59.722 ng  
RT: 14.698 min Scan# 1974  
Delta R.T. 0.000 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19



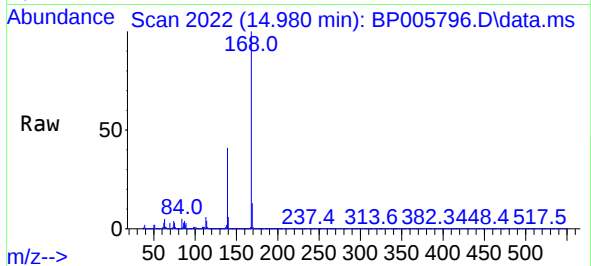
Tgt Ion:184 Resp: 130515  
Ion Ratio Lower Upper  
184 100  
63 62.9 47.0 70.6  
154 70.8 52.3 78.5





#55  
Dibenzenofuran  
Concen: 42.867 ng  
RT: 14.980 min Scan# 2022  
Delta R.T. -0.001 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

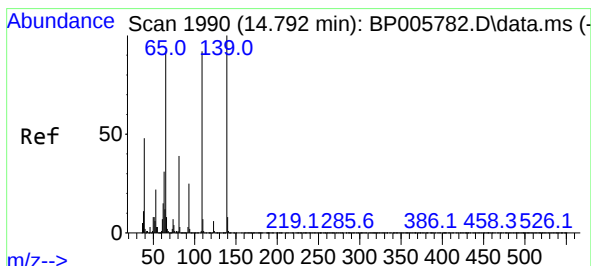
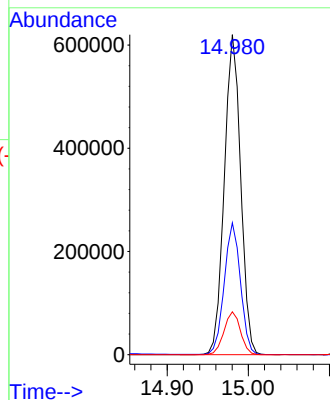
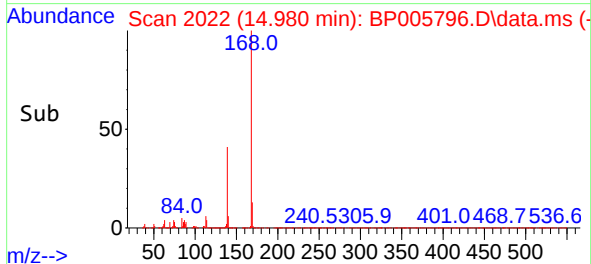
Instrument :  
BNA\_P  
ClientSampleId :  
18-B7(0-2)MSD



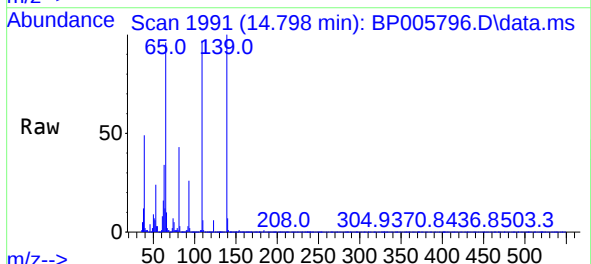
Tgt Ion:168 Resp: 869298  
Ion Ratio Lower Upper  
168 100  
139 41.2 31.0 46.6  
169 13.4 10.8 16.2

Manual Integrations  
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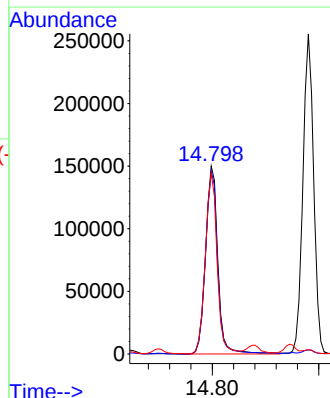
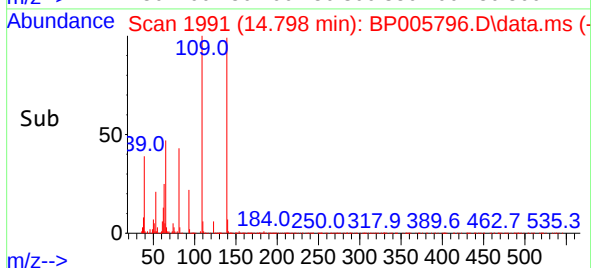
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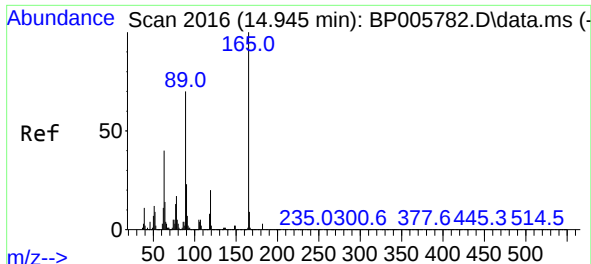


#56  
4-Nitrophenol  
Concen: 81.003 ng  
RT: 14.798 min Scan# 1991  
Delta R.T. 0.006 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19



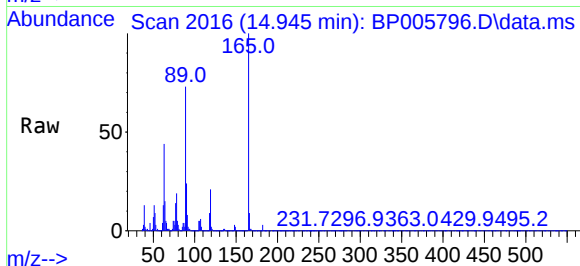
Tgt Ion:139 Resp: 239064  
Ion Ratio Lower Upper  
139 100  
109 97.5 72.3 112.3  
65 96.3 72.5 112.5





#57  
2,4-Dinitrotoluene  
Concen: 44.825 ng  
RT: 14.945 min Scan# 2016  
Delta R.T. 0.000 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

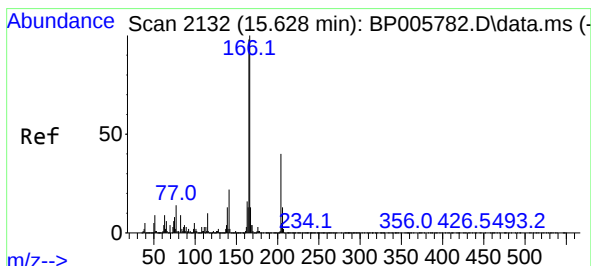
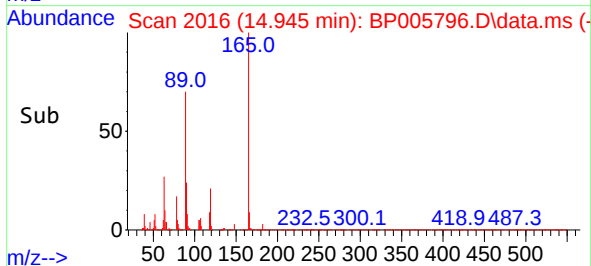
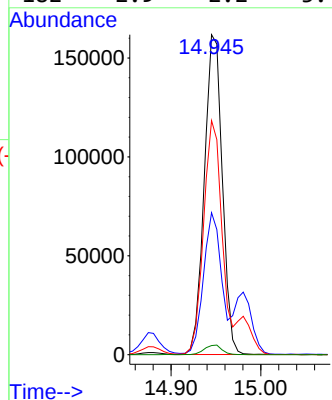
Instrument :  
BNA\_P  
ClientSampleId :  
18-B7(0-2)MSD



Tgt Ion:165 Resp: 225226  
Ion Ratio Lower Upper  
165 100  
63 44.4 32.3 48.5  
89 73.1 55.9 83.9  
182 2.9 2.2 3.4

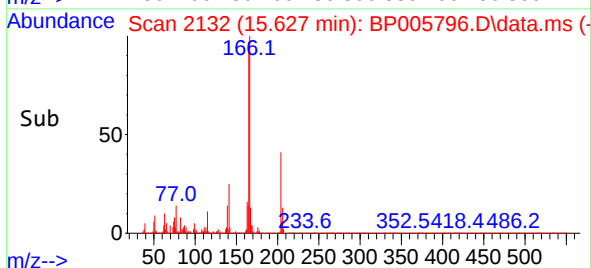
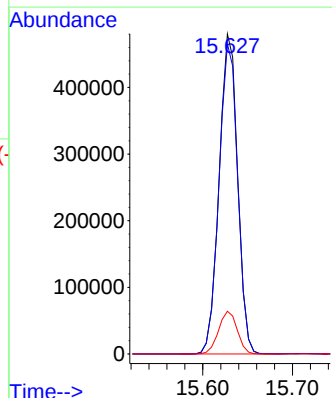
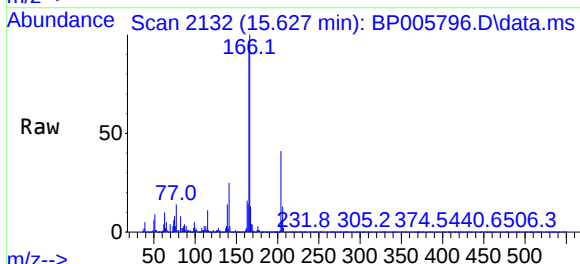
Manual Integrations  
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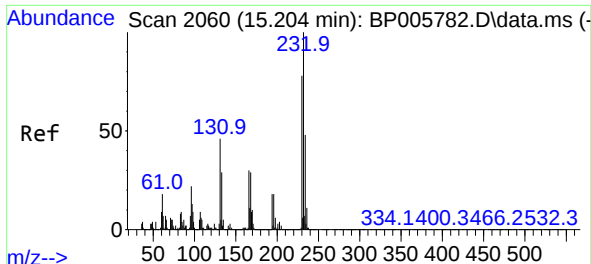
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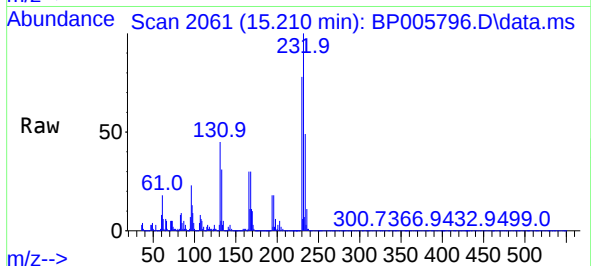
#58  
Fluorene  
Concen: 43.433 ng  
RT: 15.627 min Scan# 2132  
Delta R.T. -0.000 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

Tgt Ion:166 Resp: 686263  
Ion Ratio Lower Upper  
166 100  
165 96.9 78.0 117.0  
167 13.4 10.5 15.7

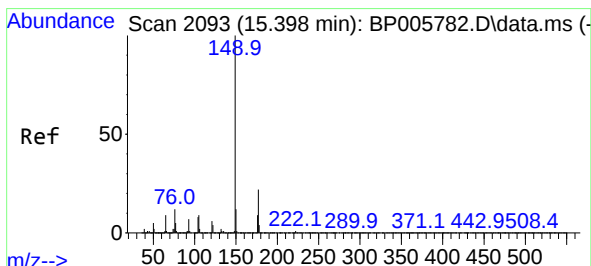
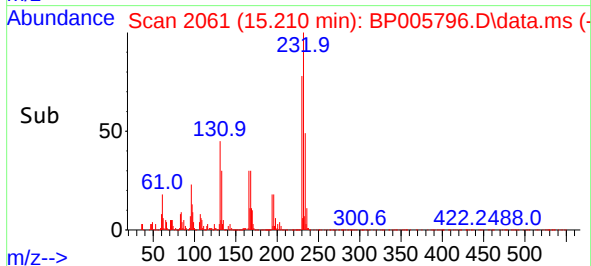
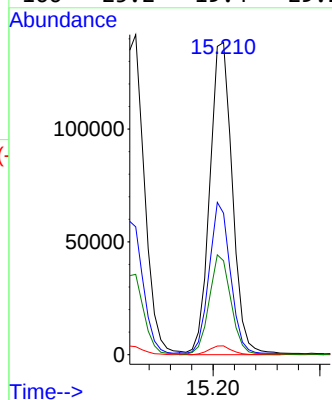




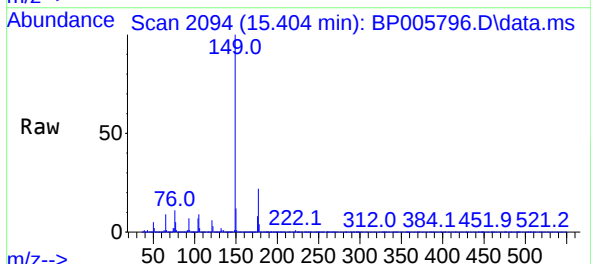
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 44.242 ng m  
RT: 15.210 min Scan# 2061  
Delta R.T. 0.006 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19



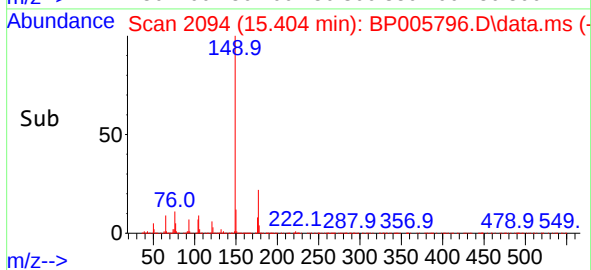
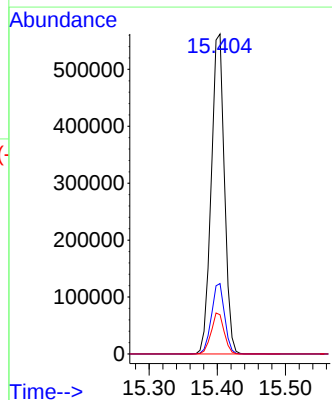
Tgt Ion:232 Resp: 203807  
Ion Ratio Lower Upper  
232 100  
131 41.4 32.2 48.4  
130 2.7 2.0 3.0  
166 25.2 19.4 29.2



#60  
Diethylphthalate  
Concen: 45.537 ng  
RT: 15.404 min Scan# 2094  
Delta R.T. 0.006 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19



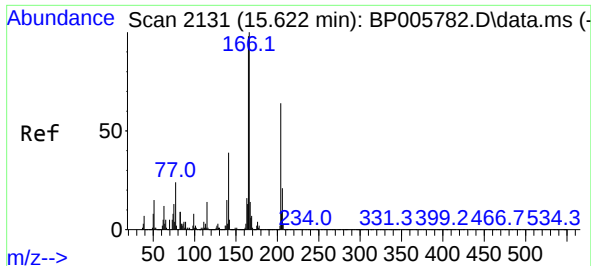
Tgt Ion:149 Resp: 755141  
Ion Ratio Lower Upper  
149 100  
177 22.0 17.5 26.3  
150 12.3 9.9 14.9



Instrument :  
BNA\_P  
ClientSampleId :  
18-B7(0-2)MSD

Manual Integrations  
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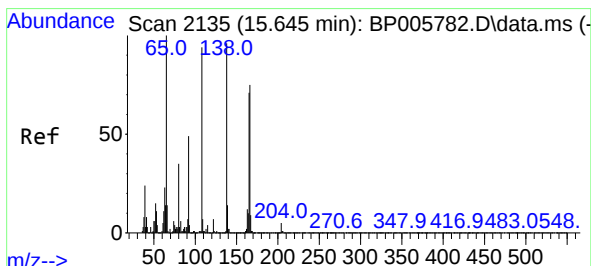
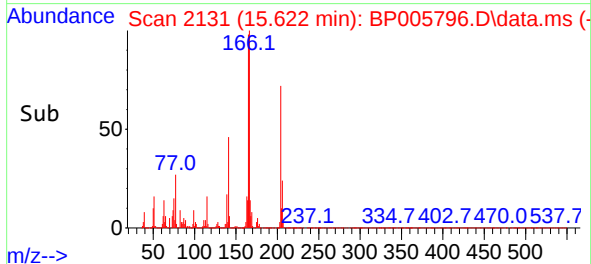
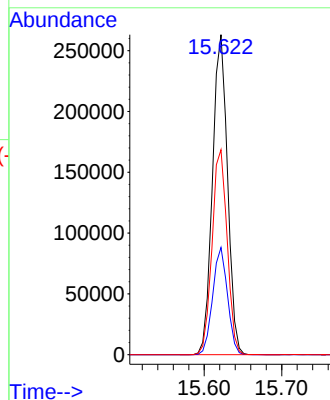
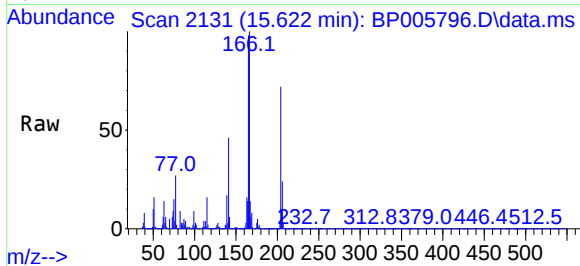
#61  
4-Chlorophenyl-phenylether  
Concen: 43.254 ng  
RT: 15.622 min Scan# 2131  
Delta R.T. -0.000 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

Tgt Ion:204 Resp: 354390  
Ion Ratio Lower Upper  
204 100  
206 33.5 26.6 40.0  
141 64.1 48.6 73.0

Instrument :  
BNA\_P  
ClientSampleId :  
18-B7(0-2)MSD

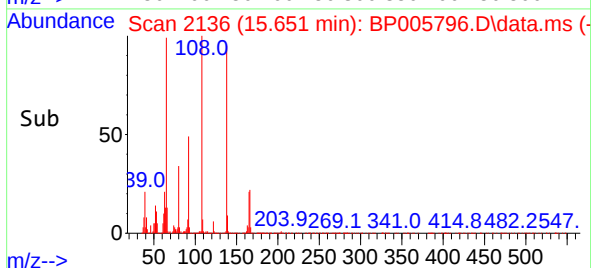
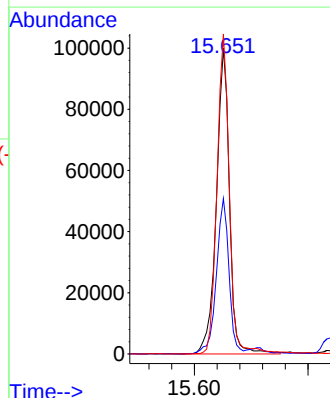
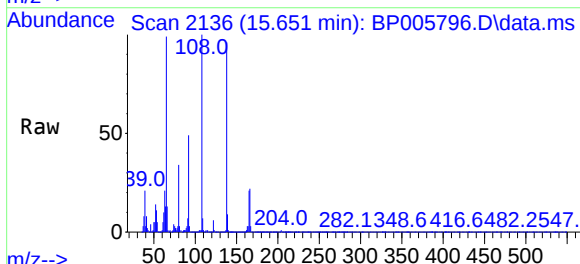
Manual Integrations  
APPROVED

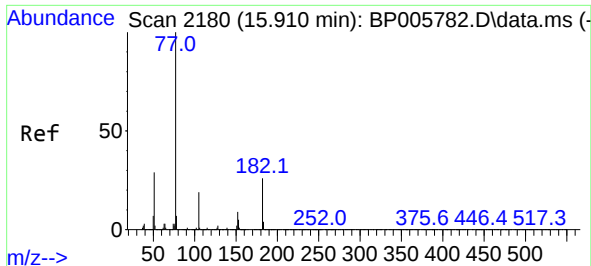
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#62  
4-Nitroaniline  
Concen: 42.609 ng  
RT: 15.651 min Scan# 2136  
Delta R.T. 0.006 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

Tgt Ion:138 Resp: 159687  
Ion Ratio Lower Upper  
138 100  
92 50.8 31.2 71.2  
108 104.7 78.6 118.6





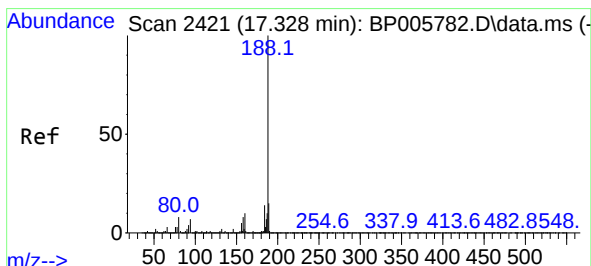
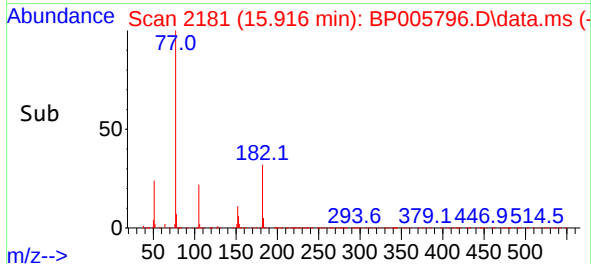
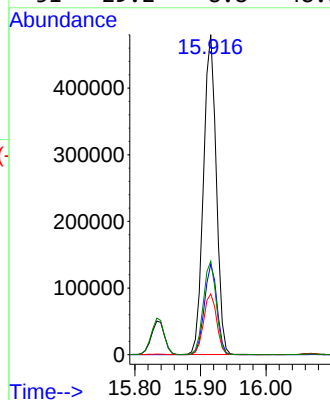
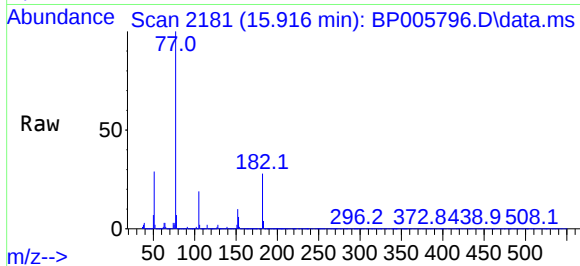
#63  
Azobenzene  
Concen: 43.477 ng  
RT: 15.916 min Scan# 2181  
Delta R.T. 0.006 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

| Tgt Ion: 77 | Resp: 652278 |       |       |
|-------------|--------------|-------|-------|
| Ion         | Ratio        | Lower | Upper |
| 77          | 100          |       |       |
| 182         | 28.3         | 6.0   | 46.0  |
| 105         | 19.0         | 0.0   | 38.8  |
| 51          | 29.2         | 8.8   | 48.8  |

Instrument :  
BNA\_P  
ClientSampled :  
18-B7(0-2)MSD

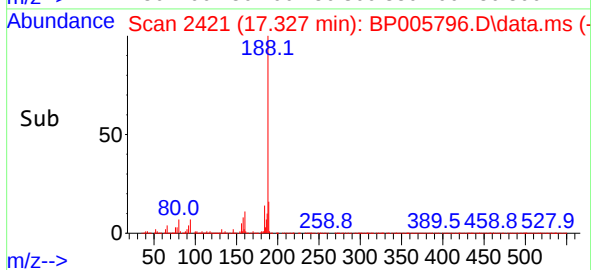
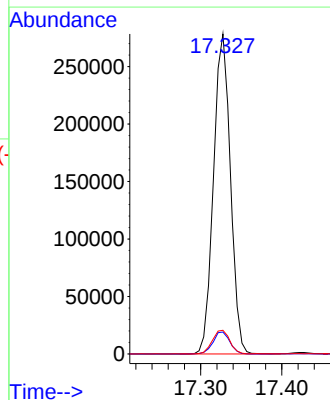
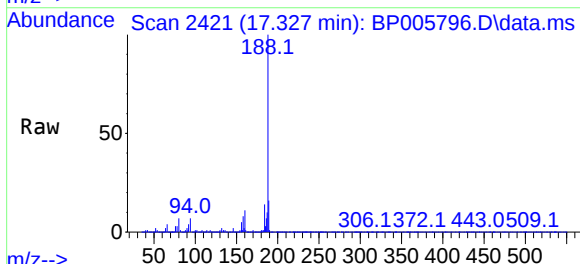
Manual Integrations  
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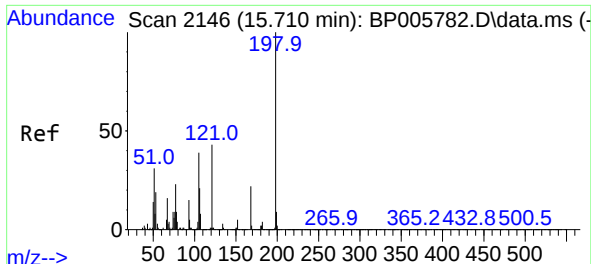
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#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.327 min Scan# 2421  
Delta R.T. -0.001 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

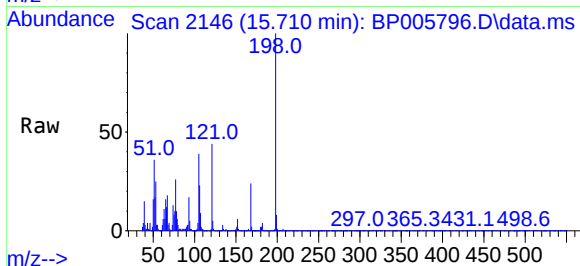
| Tgt Ion: 188 | Resp: 402906 |       |       |
|--------------|--------------|-------|-------|
| Ion          | Ratio        | Lower | Upper |
| 188          | 100          |       |       |
| 94           | 6.9          | 5.6   | 8.4   |
| 80           | 7.4          | 6.3   | 9.5   |





#65  
4,6-Dinitro-2-methylphenol  
Concen: 35.546 ng  
RT: 15.710 min Scan# 2146  
Delta R.T. -0.000 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

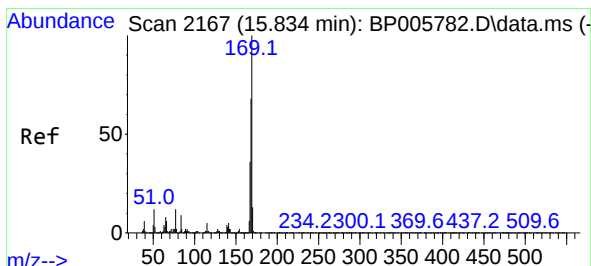
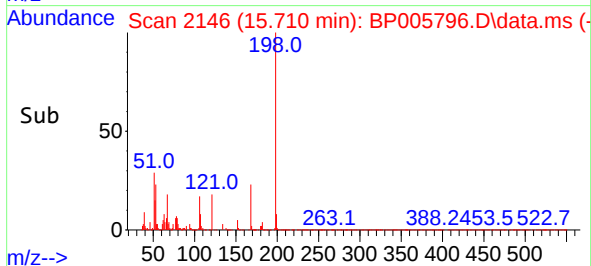
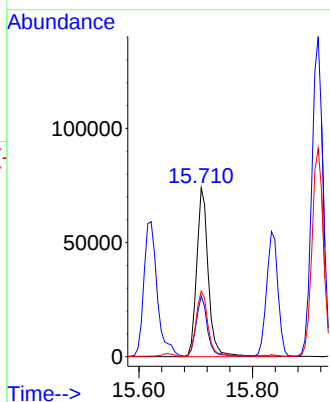
Instrument :  
BNA\_P  
ClientSampleId :  
18-B7(0-2)MSD



Tgt Ion:198 Resp: 105245  
Ion Ratio Lower Upper  
198 100  
51 36.0 14.0 54.0  
105 38.8 19.5 59.5

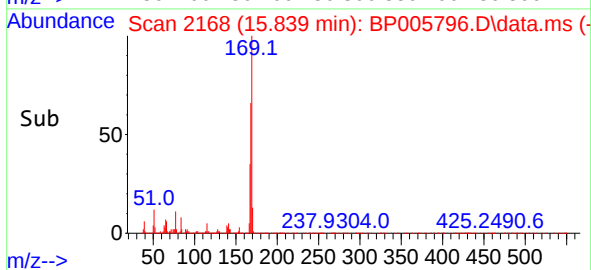
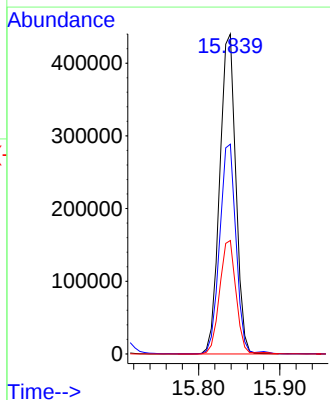
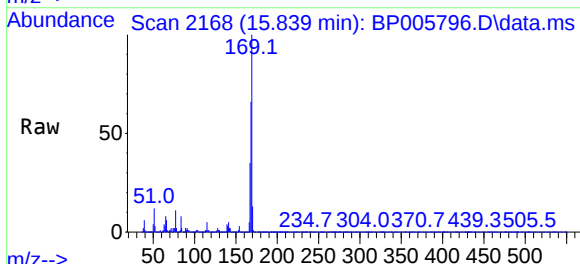
Manual Integrations  
APPROVED

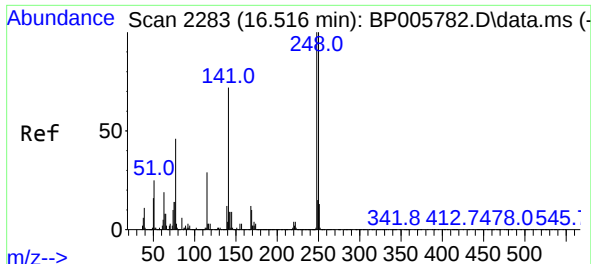
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#66  
n-Nitrosodiphenylamine  
Concen: 45.480 ng  
RT: 15.839 min Scan# 2168  
Delta R.T. 0.006 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

Tgt Ion:169 Resp: 607656  
Ion Ratio Lower Upper  
169 100  
168 65.5 54.4 81.6  
167 35.4 29.0 43.6





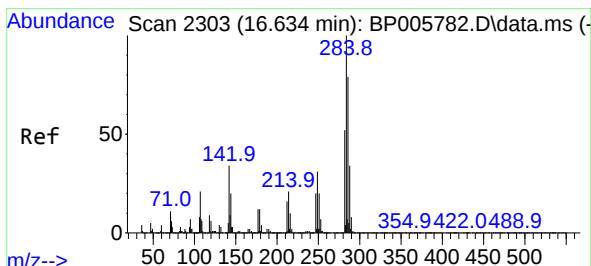
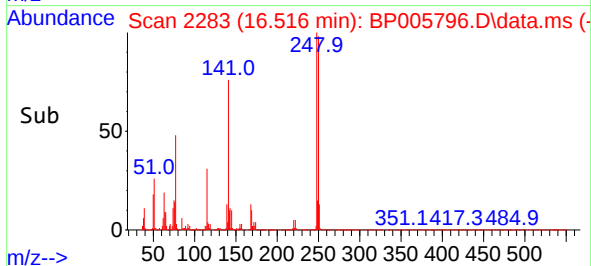
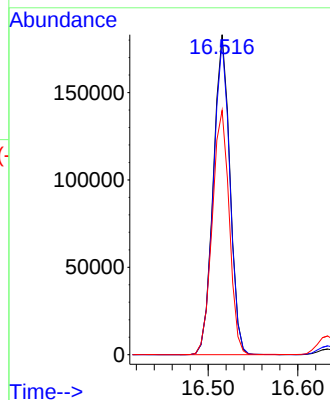
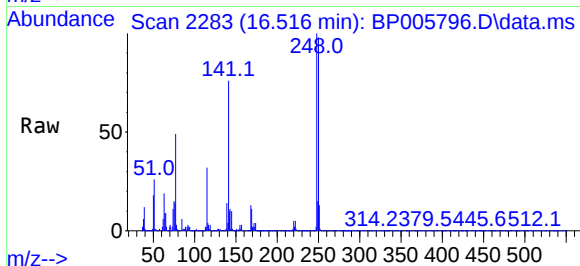
#67  
4-Bromophenyl-phenylether  
Concen: 45.460 ng  
RT: 16.516 min Scan# 2283  
Delta R.T. -0.000 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

Tgt Ion:248 Resp: 235088  
Ion Ratio Lower Upper  
248 100  
250 98.3 79.8 119.8  
141 76.3 57.8 86.6

Instrument :  
BNA\_P  
ClientSampleId :  
18-B7(0-2)MSD

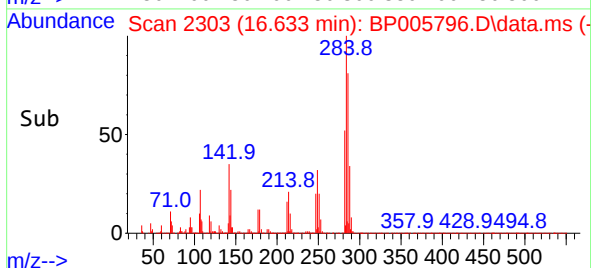
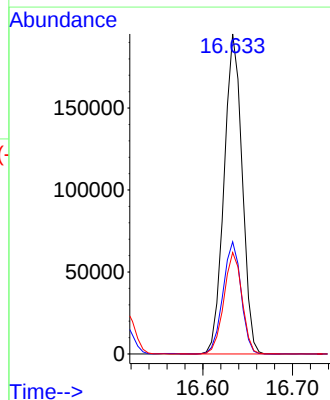
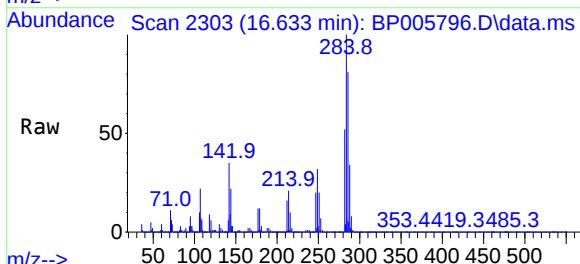
Manual Integrations  
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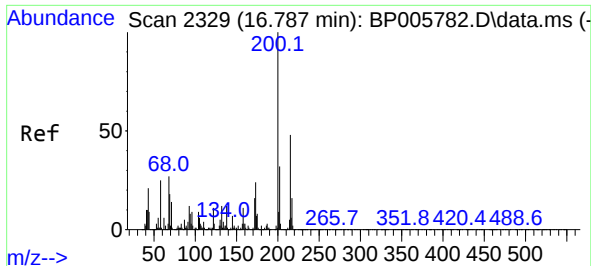
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6/9/2021 3:53:24 PM



#68  
Hexachlorobenzene  
Concen: 44.100 ng  
RT: 16.633 min Scan# 2303  
Delta R.T. -0.000 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

Tgt Ion:284 Resp: 273360  
Ion Ratio Lower Upper  
284 100  
142 35.0 26.9 40.3  
249 31.7 24.5 36.7





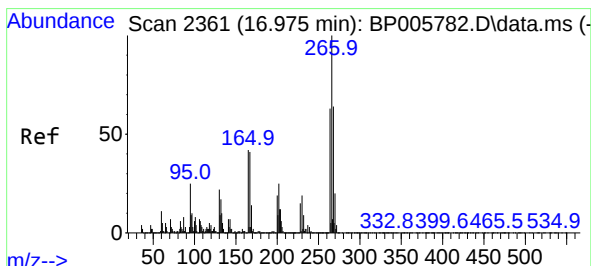
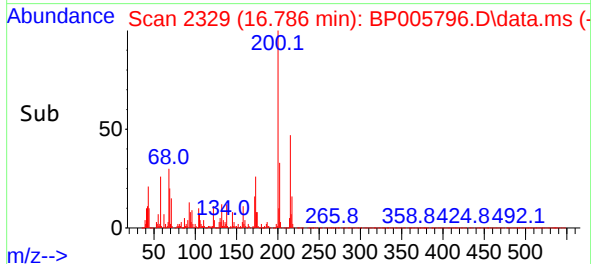
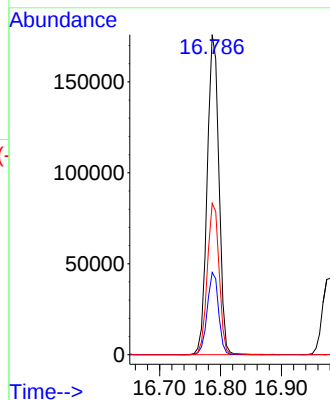
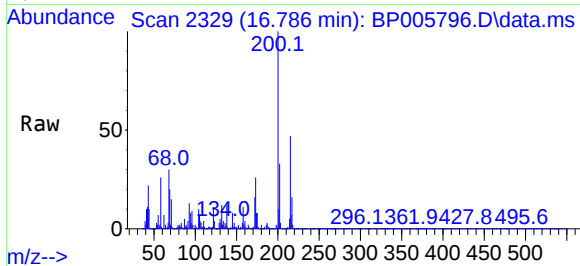
#69  
Atrazine  
Concen: 56.680 ng  
RT: 16.786 min Scan# 2329  
Delta R.T. -0.000 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

Tgt Ion:200 Resp: 235611  
Ion Ratio Lower Upper  
200 100  
173 25.7 4.1 44.1  
215 47.3 27.7 67.7

Instrument :  
BNA\_P  
ClientSampleId :  
18-B7(0-2)MSD

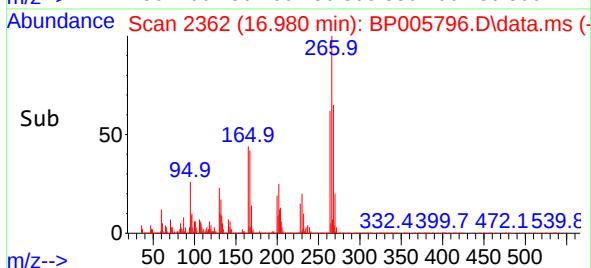
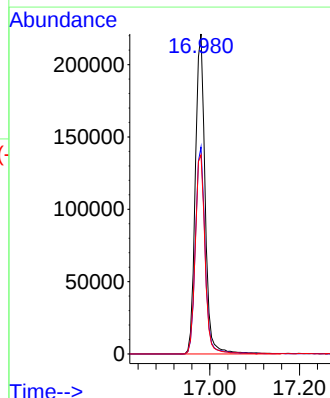
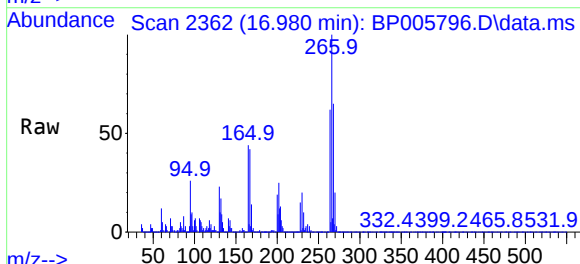
Manual Integrations  
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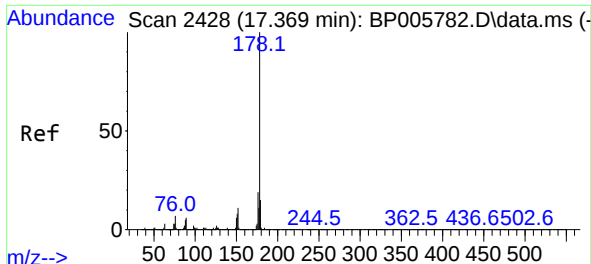
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6/9/2021 3:53:24 PM



#70  
Pentachlorophenol  
Concen: 96.817 ng  
RT: 16.980 min Scan# 2362  
Delta R.T. 0.006 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

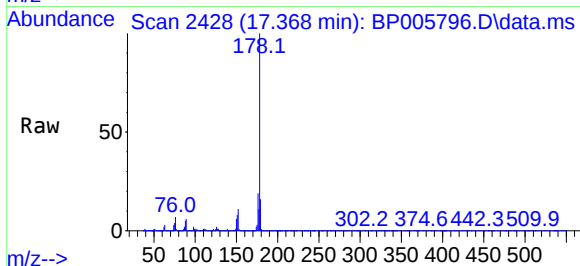
Tgt Ion:266 Resp: 333691  
Ion Ratio Lower Upper  
266 100  
268 64.6 51.6 77.4  
264 62.2 50.3 75.5





#71  
Phenanthrene  
Concen: 44.765 ng  
RT: 17.368 min Scan# 2428  
Delta R.T. -0.000 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

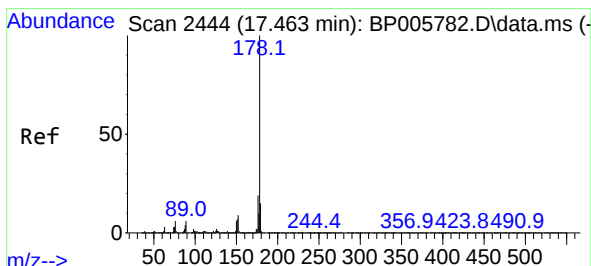
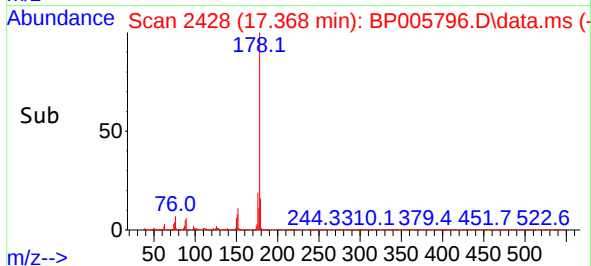
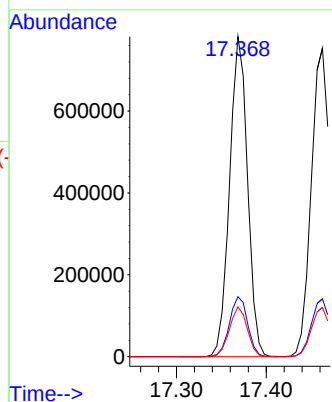
Instrument :  
BNA\_P  
ClientSampleId :  
18-B7(0-2)MSD



Tgt Ion:178 Resp: 1083148  
Ion Ratio Lower Upper  
178 100  
176 18.7 15.1 22.7  
179 15.6 12.4 18.6

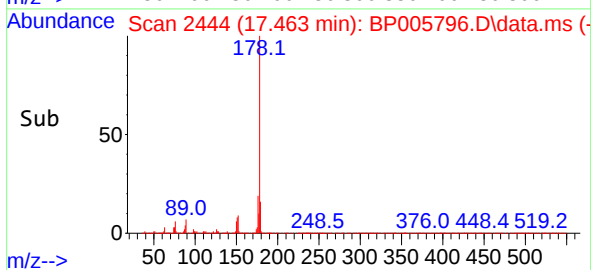
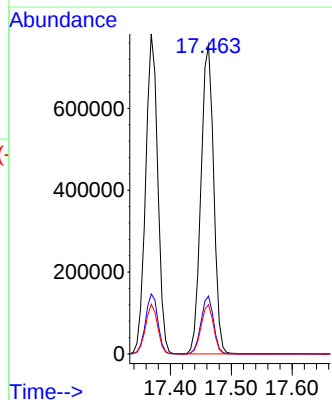
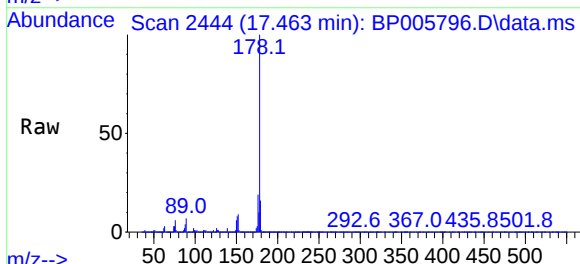
Manual Integrations  
APPROVED

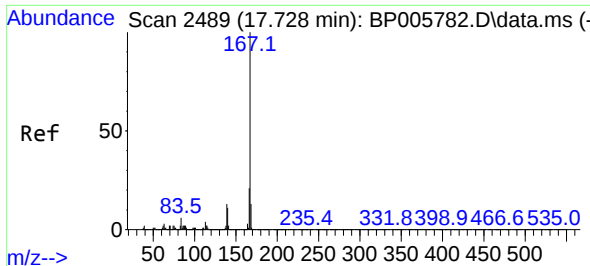
mohammad  
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#72  
Anthracene  
Concen: 45.983 ng  
RT: 17.463 min Scan# 2444  
Delta R.T. -0.000 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

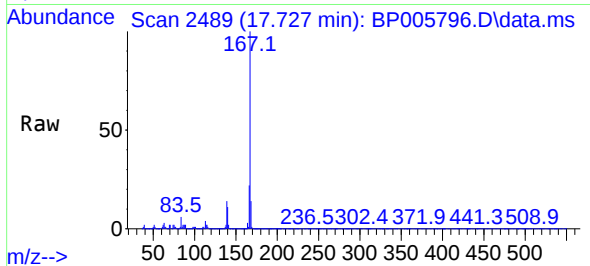
Tgt Ion:178 Resp: 1095026  
Ion Ratio Lower Upper  
178 100  
176 18.8 14.9 22.3  
179 16.0 12.2 18.2





#73  
 Carbazole  
 Concen: 43.289 ng  
 RT: 17.727 min Scan# 2489  
 Delta R.T. -0.000 min  
 Lab File: BP005796.D  
 Acq: 09 Jun 2021 05:19

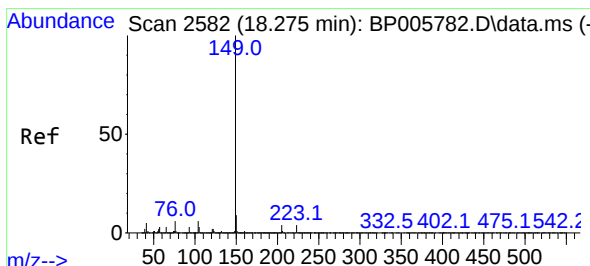
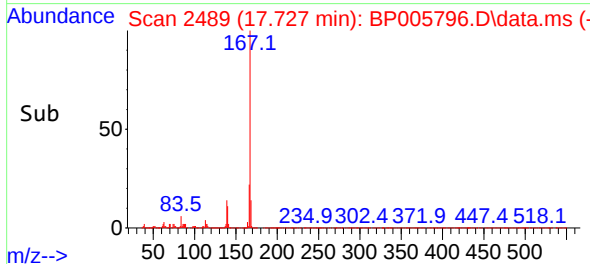
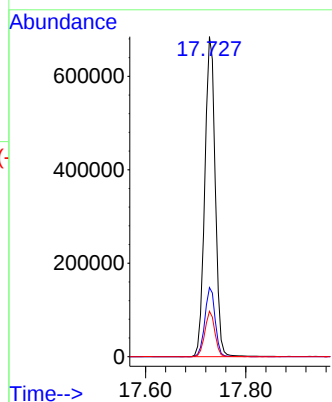
Instrument :  
 BNA\_P  
 ClientSampleId :  
 18-B7(0-2)MSD



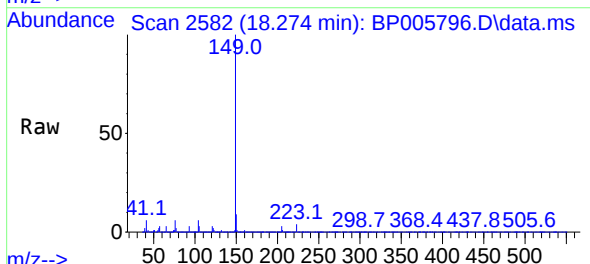
Tgt Ion:167 Resp: 989736  
 Ion Ratio Lower Upper  
 167 100  
 166 21.6 17.1 25.7  
 139 14.2 10.7 16.1

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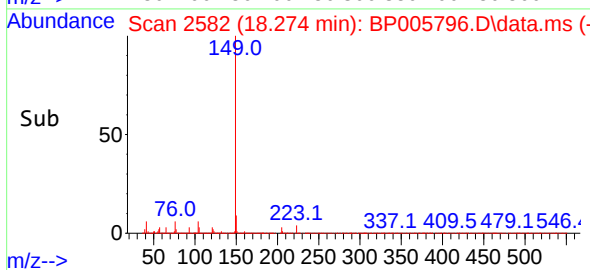
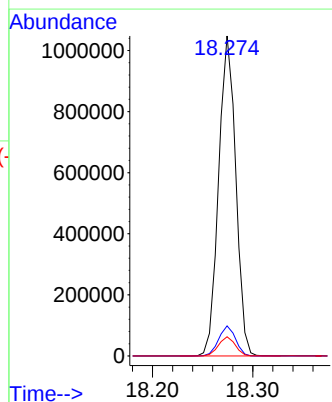
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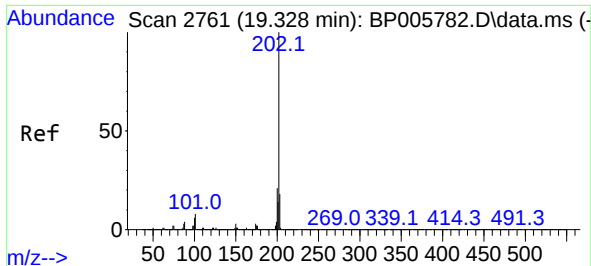


#74  
 Di-n-butylphthalate  
 Concen: 46.875 ng  
 RT: 18.274 min Scan# 2582  
 Delta R.T. -0.000 min  
 Lab File: BP005796.D  
 Acq: 09 Jun 2021 05:19



Tgt Ion:149 Resp: 1241699  
 Ion Ratio Lower Upper  
 149 100  
 150 9.4 7.3 10.9  
 104 6.0 4.5 6.7



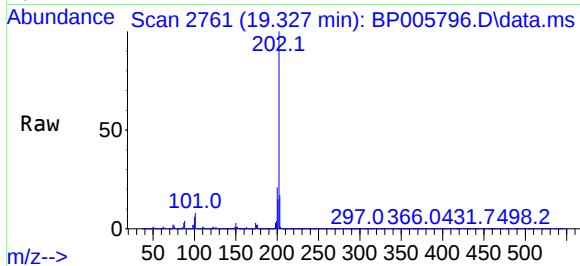


#75  
Fluoranthene  
Concen: 43.170 ng  
RT: 19.327 min Scan# 2761  
Delta R.T. -0.000 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

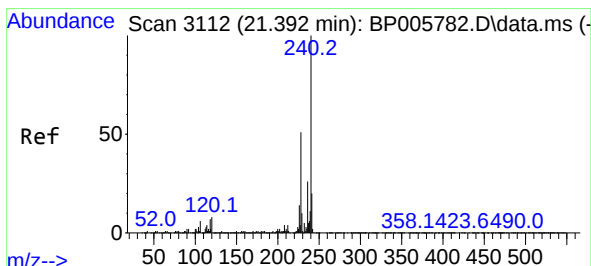
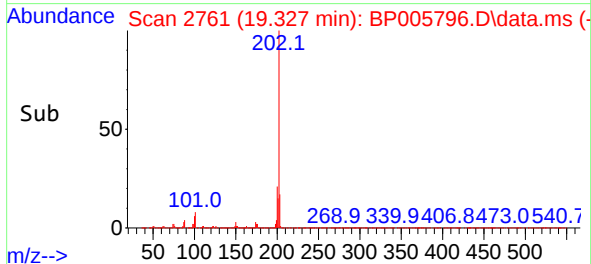
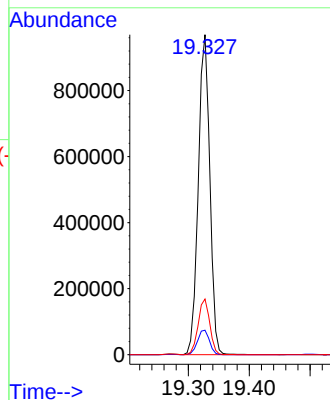
Instrument :  
BNA\_P  
ClientSampleId :  
18-B7(0-2)MSD

Manual Integrations  
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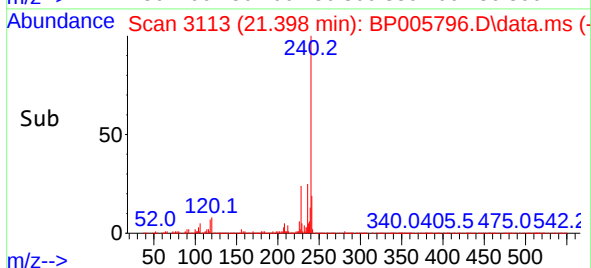
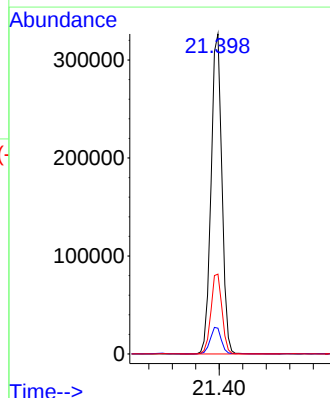
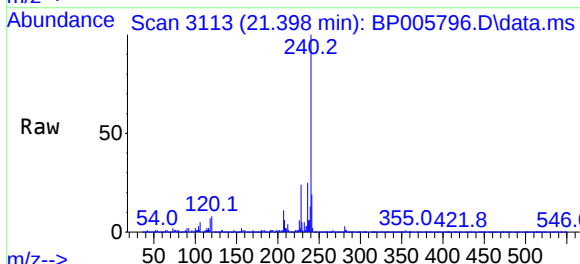


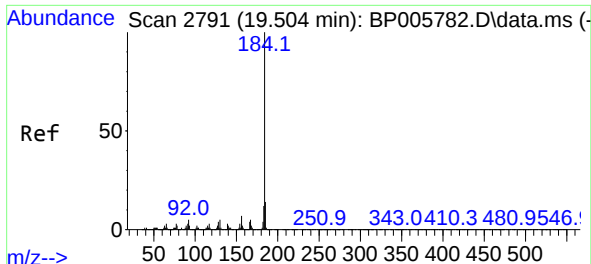
Tgt Ion:202 Resp: 1268537  
Ion Ratio Lower Upper  
202 100  
101 7.6 0.0 27.6  
203 17.4 0.0 37.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.398 min Scan# 3113  
Delta R.T. 0.006 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

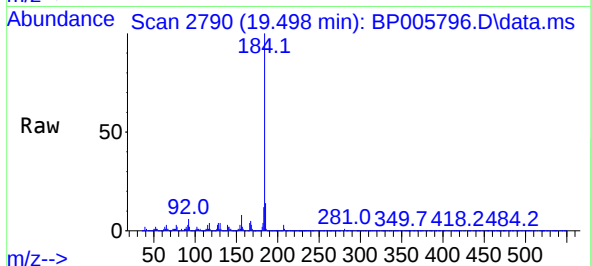
Tgt Ion:240 Resp: 417956  
Ion Ratio Lower Upper  
240 100  
120 8.0 6.5 9.7  
236 24.9 20.6 31.0





#77  
Benzidine  
Concen: 33.447 ng  
RT: 19.498 min Scan# 2790  
Delta R.T. -0.006 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

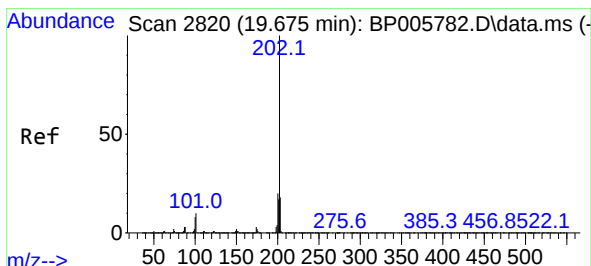
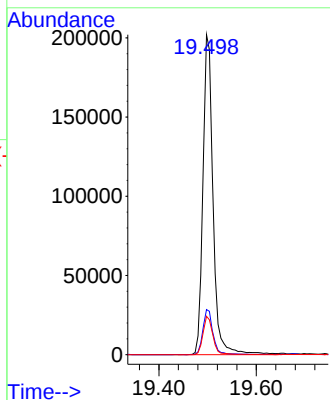
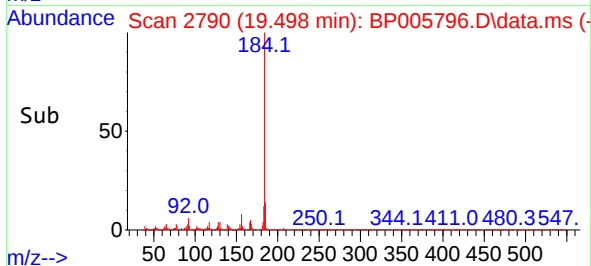
Instrument :  
BNA\_P  
ClientSampleId :  
18-B7(0-2)MSD



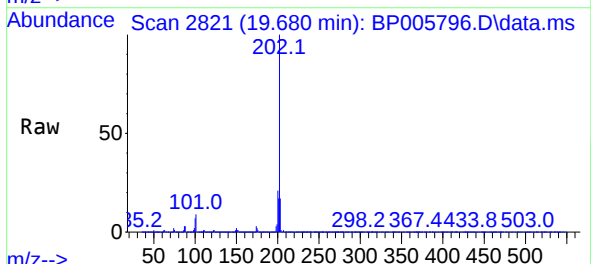
Tgt Ion:184 Resp: 290884  
Ion Ratio Lower Upper  
184 100  
185 14.1 11.0 16.4  
183 12.0 9.5 14.3

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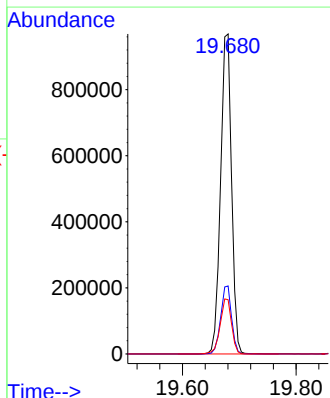
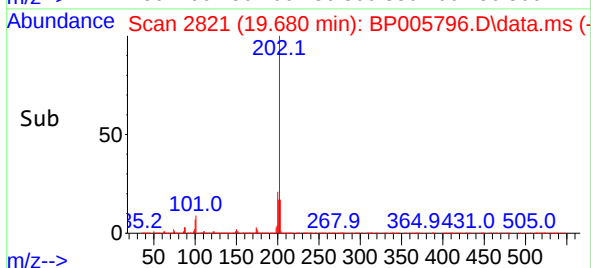
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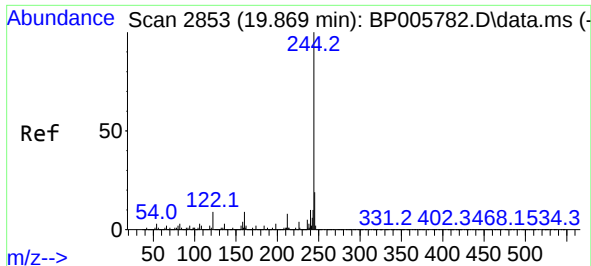


#78  
Pyrene  
Concen: 44.657 ng  
RT: 19.680 min Scan# 2821  
Delta R.T. 0.006 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19



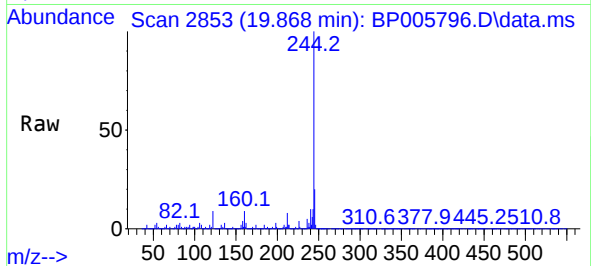
Tgt Ion:202 Resp: 1303005  
Ion Ratio Lower Upper  
202 100  
200 21.2 16.3 24.5  
203 16.9 14.2 21.2





#79  
Terphenyl-d14  
Concen: 84.494 ng  
RT: 19.868 min Scan# 2853  
Delta R.T. -0.001 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

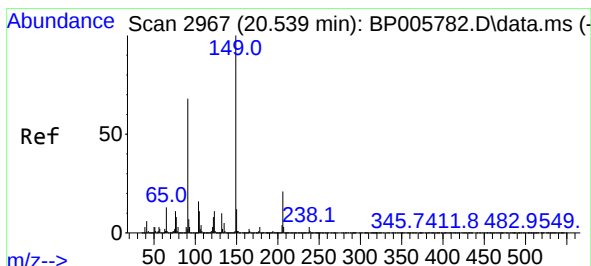
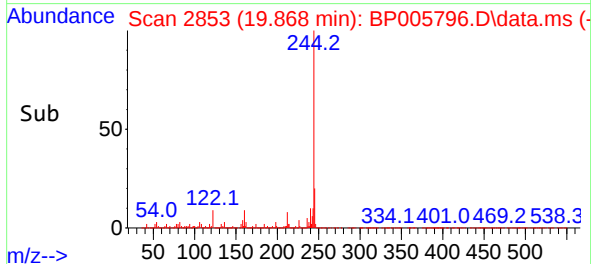
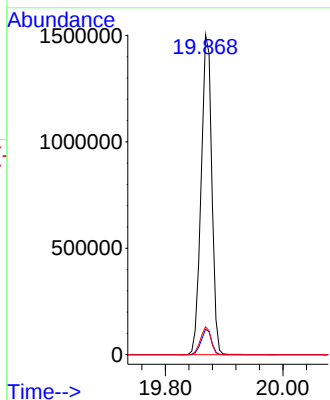
Instrument :  
BNA\_P  
ClientSampleId :  
18-B7(0-2)MSD



Tgt Ion:244 Resp: 1885973  
Ion Ratio Lower Upper  
244 100  
212 7.9 6.0 9.0  
122 8.7 7.1 10.7

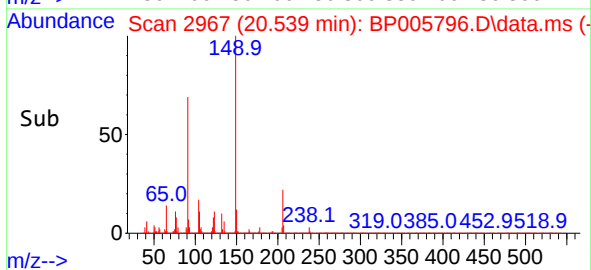
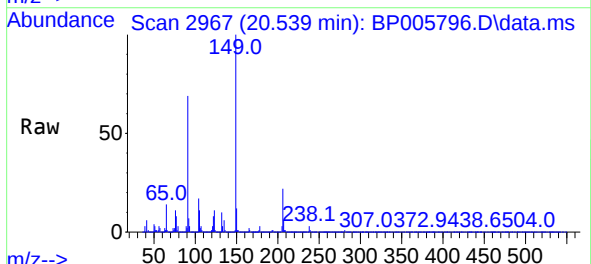
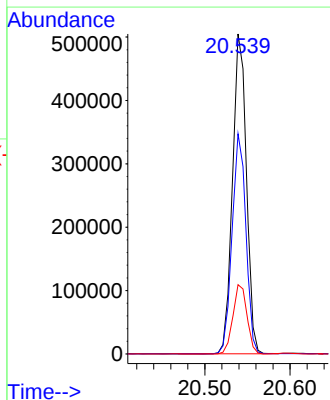
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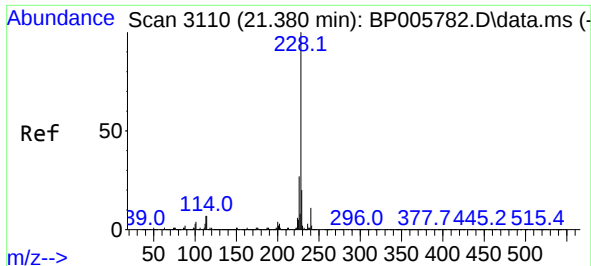
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#80  
Butylbenzylphthalate  
Concen: 47.577 ng  
RT: 20.539 min Scan# 2967  
Delta R.T. -0.000 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

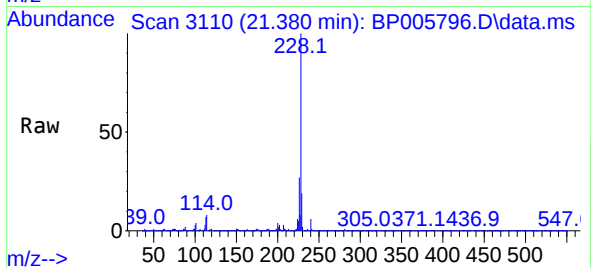
Tgt Ion:149 Resp: 571131  
Ion Ratio Lower Upper  
149 100  
91 68.8 54.6 81.8  
206 21.7 16.7 25.1





#81  
Benzo(a)anthracene  
Concen: 43.485 ng  
RT: 21.380 min Scan# 3110  
Delta R.T. -0.000 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

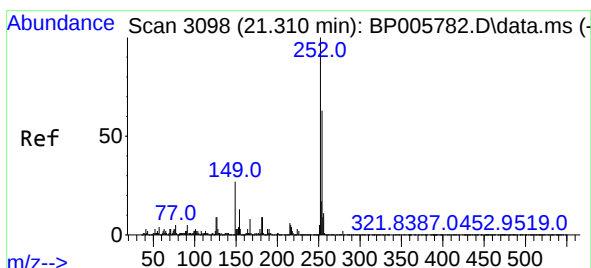
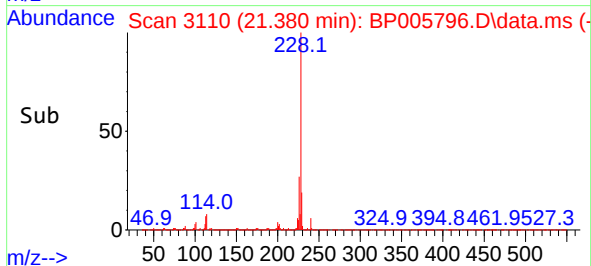
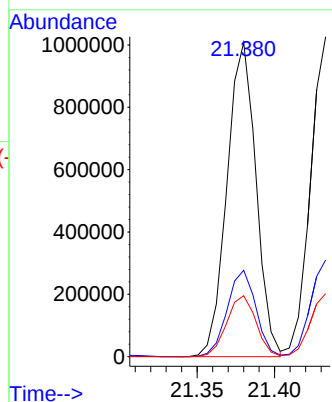
Instrument :  
BNA\_P  
ClientSampled :  
18-B7(0-2)MSD



Tgt Ion:228 Resp: 1311962  
Ion Ratio Lower Upper  
228 100  
226 27.5 21.6 32.4  
229 19.4 15.8 23.6

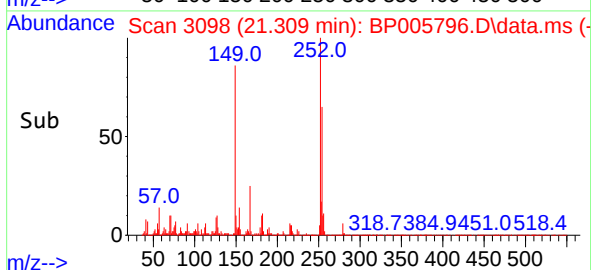
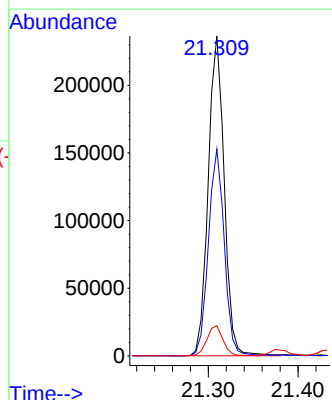
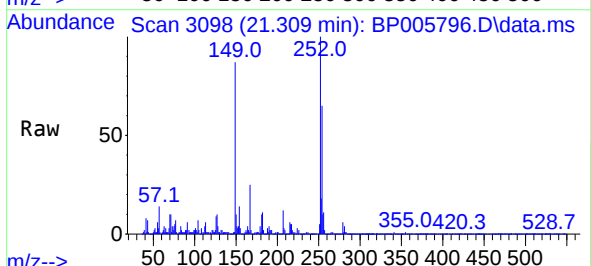
Manual Integrations  
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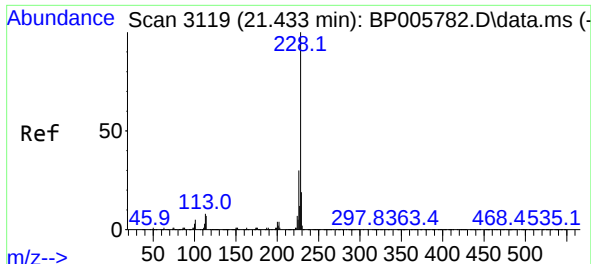
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#82  
3,3'-Dichlorobenzidine  
Concen: 28.034 ng  
RT: 21.309 min Scan# 3098  
Delta R.T. -0.000 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

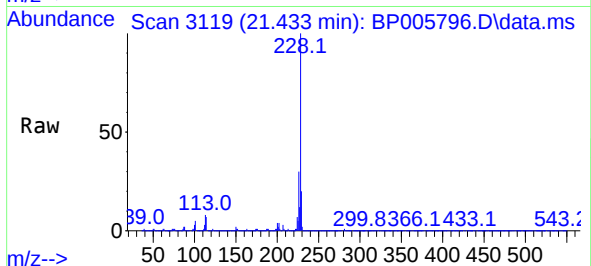
Tgt Ion:252 Resp: 292418  
Ion Ratio Lower Upper  
252 100  
254 64.6 50.6 76.0  
126 9.5 7.0 10.6





#83  
Chrysene  
Concen: 44.128 ng  
RT: 21.433 min Scan# 3119  
Delta R.T. -0.000 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

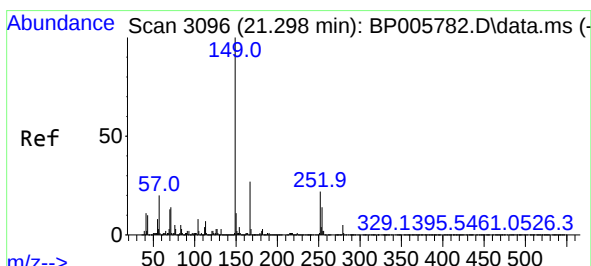
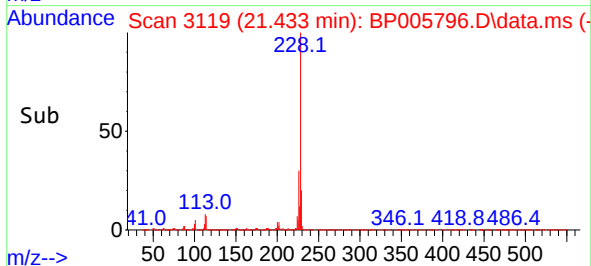
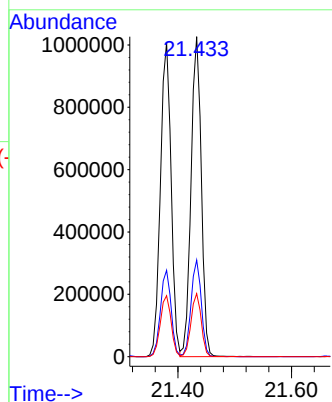
Instrument :  
BNA\_P  
ClientSampleId :  
18-B7(0-2)MSD



Tgt Ion:228 Resp: 1289503  
Ion Ratio Lower Upper  
228 100  
226 30.2 23.8 35.6  
229 19.7 15.4 23.2

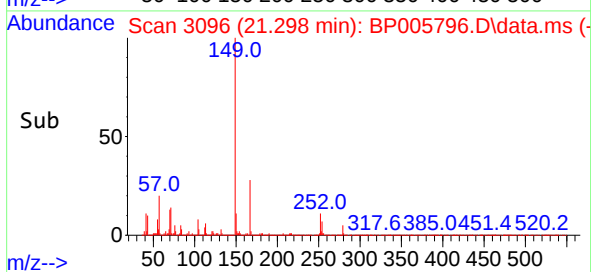
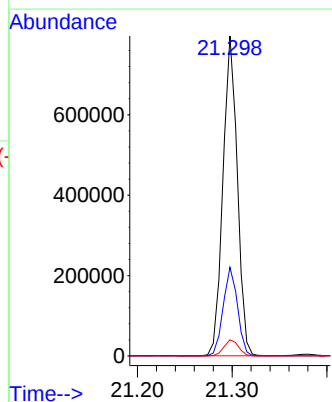
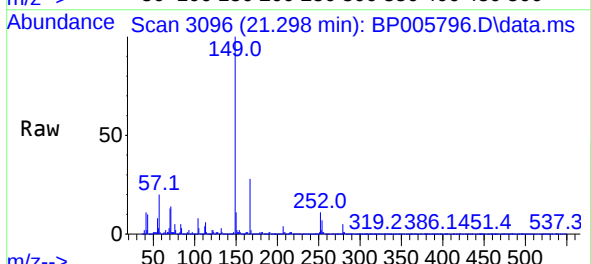
Manual Integrations  
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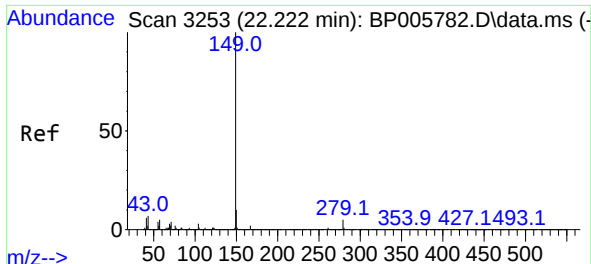
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#84  
Bis(2-ethylhexyl)phthalate  
Concen: 47.777 ng  
RT: 21.298 min Scan# 3096  
Delta R.T. -0.000 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

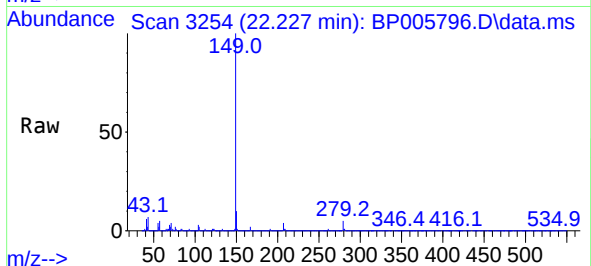
Tgt Ion:149 Resp: 841138  
Ion Ratio Lower Upper  
149 100  
167 27.7 21.9 32.9  
279 5.0 4.3 6.5





#85  
Di-n-octyl phthalate  
Concen: 48.860 ng  
RT: 22.227 min Scan# 3254  
Delta R.T. 0.006 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

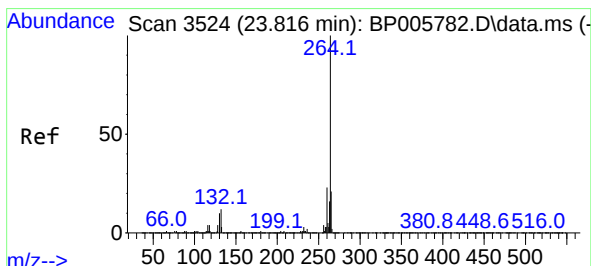
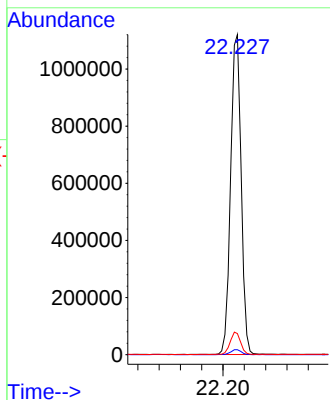
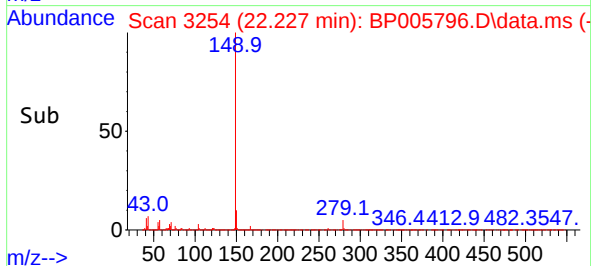
Instrument :  
BNA\_P  
ClientSampleId :  
18-B7(0-2)MSD



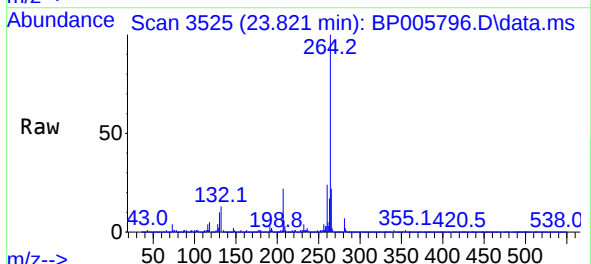
Tgt Ion:149 Resp: 1538847  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.4 2.0  
43 7.0 5.6 8.4

Manual Integrations  
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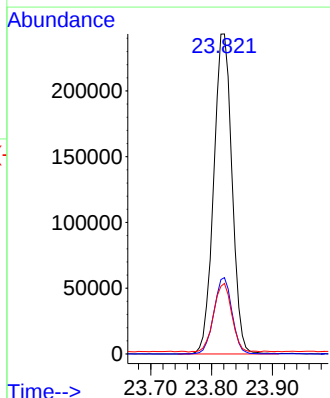
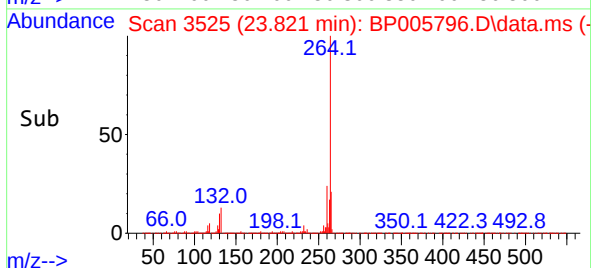
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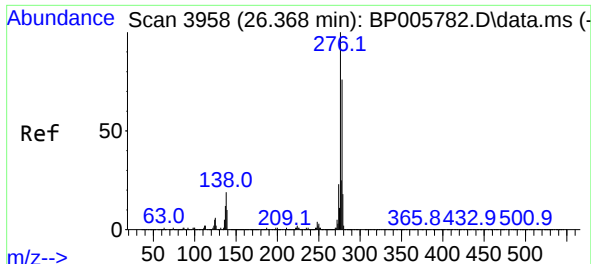


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.821 min Scan# 3525  
Delta R.T. 0.006 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19



Tgt Ion:264 Resp: 508013  
Ion Ratio Lower Upper  
264 100  
260 23.9 18.6 28.0  
265 22.1 17.6 26.4





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 47.803 ng  
RT: 26.380 min Scan# 3960  
Delta R.T. 0.011 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

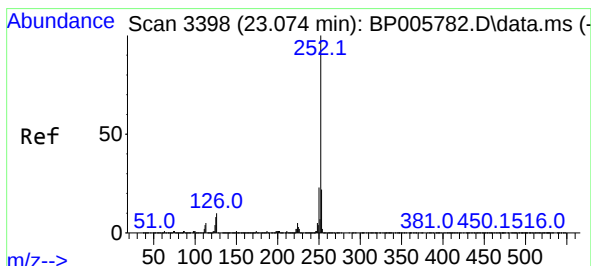
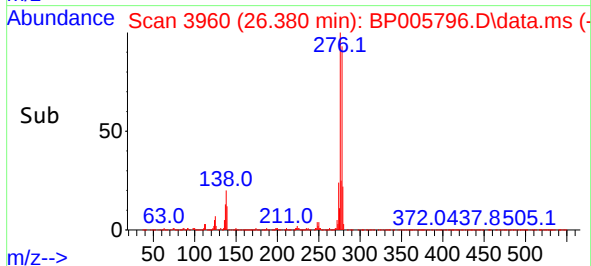
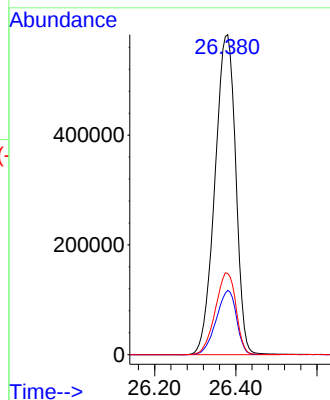
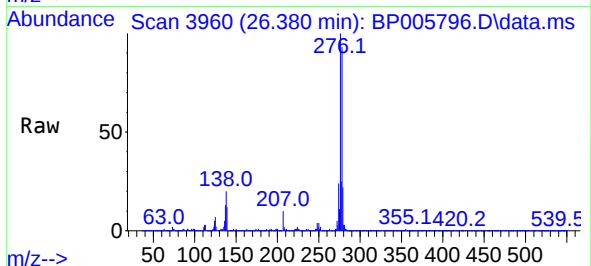
Tgt Ion: 276 Resp: 2076714

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 19.6  | 15.3  | 22.9  |
| 277 | 25.5  | 20.4  | 30.6  |

Instrument :  
BNA\_P  
ClientSampled :  
18-B7(0-2)MSD

Manual Integrations  
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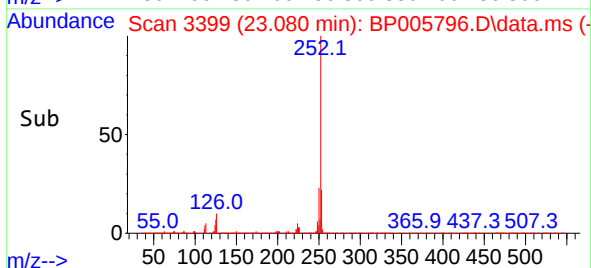
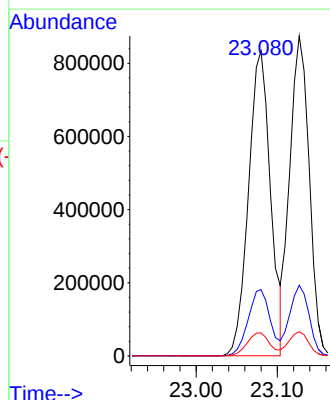
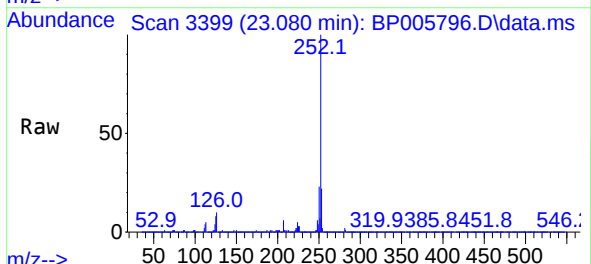
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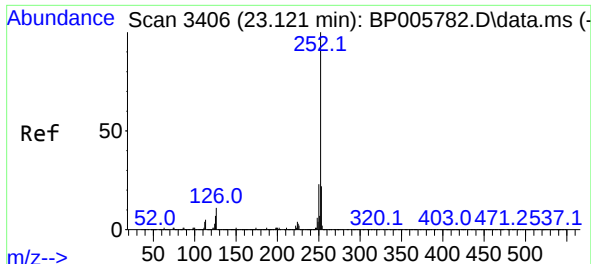


#88  
Benzo(b)fluoranthene  
Concen: 45.215 ng  
RT: 23.080 min Scan# 3399  
Delta R.T. 0.006 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

Tgt Ion: 252 Resp: 1573243

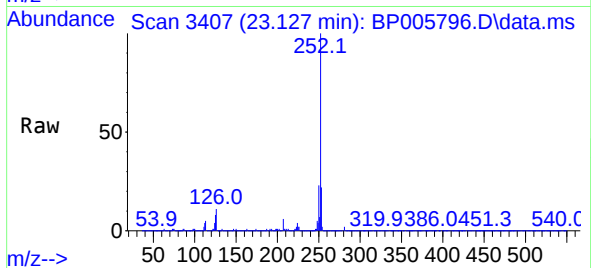
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 21.8  | 17.5  | 26.3  |
| 125 | 7.5   | 6.2   | 9.4   |





#89  
Benzo(k)fluoranthene  
Concen: 43.144 ng  
RT: 23.127 min Scan# 3407  
Delta R.T. 0.006 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

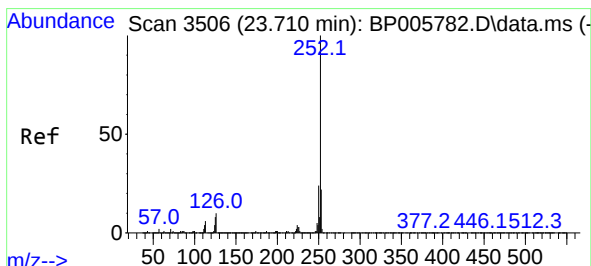
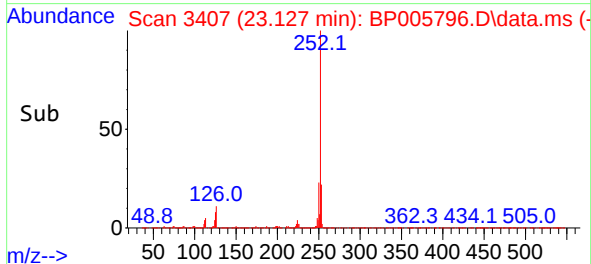
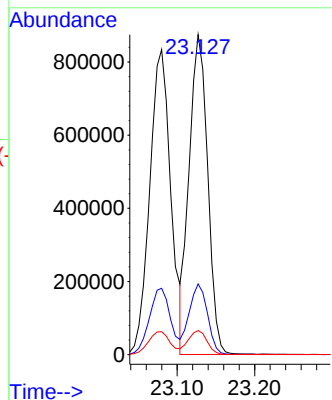
Instrument :  
BNA\_P  
ClientSampleId :  
18-B7(0-2)MSD



Tgt Ion:252 Resp: 1455678  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.6 26.4  
125 7.6 6.0 9.0

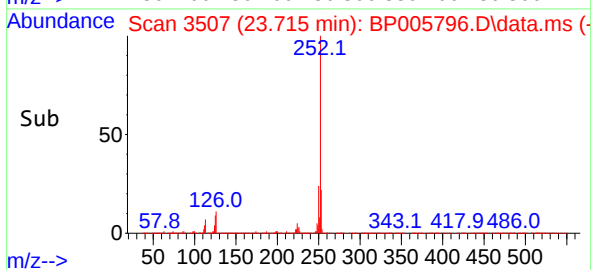
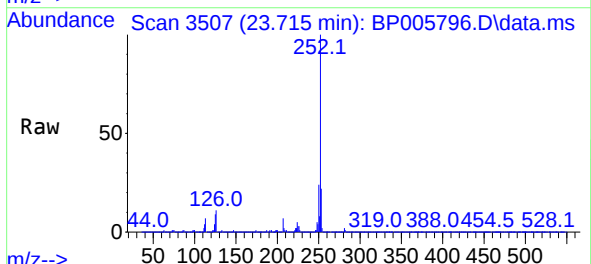
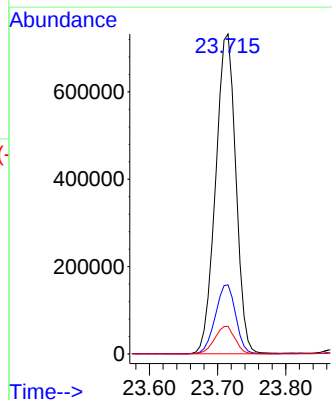
Manual Integrations  
APPROVED

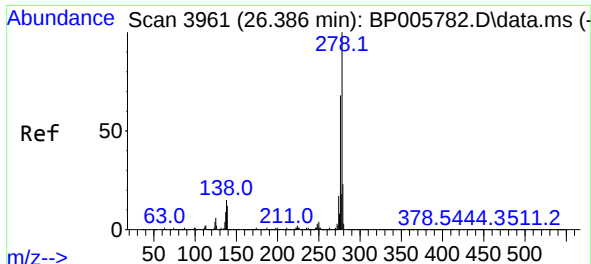
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#90  
Benzo(a)pyrene  
Concen: 46.207 ng  
RT: 23.715 min Scan# 3507  
Delta R.T. 0.006 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

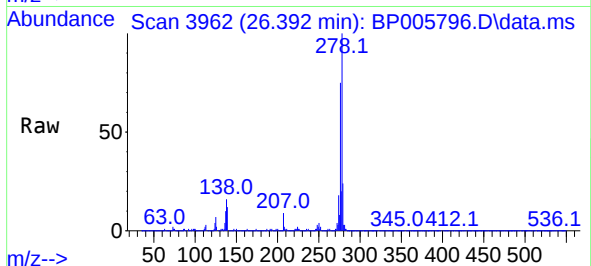
Tgt Ion:252 Resp: 1511522  
Ion Ratio Lower Upper  
252 100  
253 21.6 17.9 26.9  
125 8.7 6.5 9.7





#91  
Dibenzo(a,h)anthracene  
Concen: 47.077 ng  
RT: 26.392 min Scan# 3962  
Delta R.T. 0.006 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

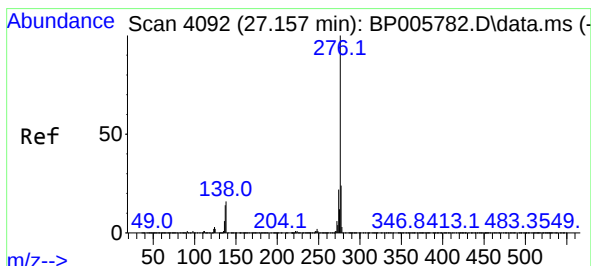
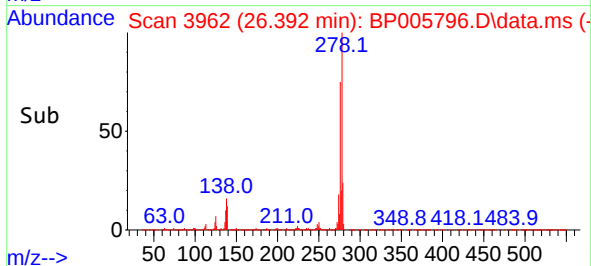
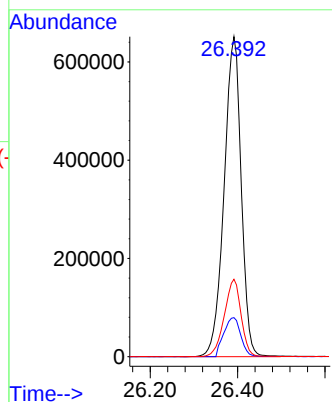
Instrument :  
BNA\_P  
ClientSampleId :  
18-B7(0-2)MSD



Tgt Ion:278 Resp: 1760273  
Ion Ratio Lower Upper  
278 100  
139 12.2 9.3 13.9  
279 24.2 18.8 28.2

Manual Integrations  
APPROVED

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#92  
Benzo(g,h,i)perylene  
Concen: 48.203 ng  
RT: 27.162 min Scan# 4093  
Delta R.T. 0.006 min  
Lab File: BP005796.D  
Acq: 09 Jun 2021 05:19

Tgt Ion:276 Resp: 1780467  
Ion Ratio Lower Upper  
276 100  
277 23.9 18.9 28.3  
138 17.0 12.6 18.8

