

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP051221\  
 Data File : BP005505.D  
 Acq On : 12 May 2021 15:39  
 Operator : CG/JU  
 Sample : PB136299BS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB136299BS

Manual Integrations  
 APPROVED

Quant Time: May 12 16:18:04 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP050521.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 11 11:20:59 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.693  | 152  | 11730    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.481 | 136  | 35862    | 20.00  | ng    | #-0.01   |
| 39) Acenaphthene-d10          | 14.346 | 164  | 29260    | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.104 | 188  | 74433    | 20.00  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.204 | 240  | 114154   | 20.00  | ng    | # 0.01   |
| 86) Perylene-d12              | 23.516 | 264  | 125515   | 20.00  | ng    | 0.01     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.281  | 112  | 98703    | 161.49 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.887  | 99   | 95855    | 125.77 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.863  | 82   | 74188    | 81.42  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.845 | 330  | 90292    | 108.74 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.963 | 172  | 186535   | 71.91  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.675 | 244  | 491310   | 73.09  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.170  | 88   | 18529    | 82.30  | ng    | 95       |
| 3) Pyridine                   | 3.581  | 79   | 40908    | 75.59  | ng    | 88       |
| 4) n-Nitrosodimethylamine     | 3.493  | 42   | 29896    | 68.69  | ng    | # 15     |
| 6) Aniline                    | 7.028  | 93   | 30661    | 37.27  | ng    | # 82     |
| 8) 2-Chlorophenol             | 7.264  | 128  | 27596    | 42.04  | ng    | 89       |
| 9) Benzaldehyde               | 6.846  | 77   | 5805     | 12.39  | ng    | # 67     |
| 10) Phenol                    | 6.917  | 94   | 34879    | 45.76  | ng    | # 45     |
| 11) bis(2-Chloroethyl)ether   | 7.128  | 93   | 22248    | 42.26  | ng    | 93       |
| 12) 1,3-Dichlorobenzene       | 7.575  | 146  | 33570    | 38.43  | ng    | # 84     |
| 13) 1,4-Dichlorobenzene       | 7.728  | 146  | 34252    | 39.35  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.040  | 146  | 32334    | 38.75  | ng    | 95       |
| 15) Benzyl Alcohol            | 7.952  | 79   | 32140    | 43.71  | ng    | # 79     |
| 16) 2,2'-oxybis(1-Chloropr... | 8.228  | 45   | 10685    | 41.10  | ng    | 68       |
| 17) 2-Methylphenol            | 8.158  | 107  | 22865    | 43.67  | ng    | # 82     |
| 18) Hexachloroethane          | 8.758  | 117  | 14297    | 39.65  | ng    | 88       |
| 19) n-Nitroso-di-n-propyla... | 8.511  | 70   | 22181    | 39.74  | ng    | # 95     |
| 20) 3+4-Methylphenols         | 8.493  | 107  | 29224    | 41.99  | ng    | 81       |
| 22) Acetophenone              | 8.522  | 105  | 43382    | 42.88  | ng    | # 87     |
| 24) Nitrobenzene              | 8.905  | 77   | 37617    | 41.16  | ng    | # 91     |
| 25) Isophorone                | 9.428  | 82   | 57855    | 41.00  | ng    | # 93     |
| 26) 2-Nitrophenol             | 9.611  | 139  | 14544    | 38.00  | ng    | # 62     |
| 27) 2,4-Dimethylphenol        | 9.687  | 122  | 23018    | 45.44  | ng    | # 84     |
| 28) bis(2-Chloroethoxy)met... | 9.910  | 93   | 26013    | 44.04  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.158 | 162  | 31231    | 39.26  | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 10.352 | 180  | 39108    | 38.49  | ng    | 97       |
| 31) Naphthalene               | 10.534 | 128  | 72149    | 37.41  | ng    | 97       |
| 32) Benzoic acid              | 9.881  | 122  | 14974    | 38.26  | ng    | # 78     |
| 33) 4-Chloroaniline           | 10.669 | 127  | 16381    | 21.81  | ng    | # 92     |
| 34) Hexachlorobutadiene       | 10.810 | 225  | 34093    | 40.23  | ng    | 98       |
| 35) Caprolactam               | 11.475 | 113  | 6992m    | 38.20  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 11.810 | 107  | 27659    | 39.00  | ng    | 96       |
| 37) 2-Methylnaphthalene       | 12.157 | 142  | 58196    | 37.62  | ng    | 95       |
| 38) 1-Methylnaphthalene       | 12.375 | 142  | 53162    | 36.40  | ng    | 97       |
| 40) 1,2,4,5-Tetrachloroben... | 12.528 | 216  | 52964    | 39.40  | ng    | # 97     |
| 41) Hexachlorocyclopentadiene | 12.499 | 237  | 51630    | 90.23  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 12.787 | 196  | 32050    | 38.16  | ng    | 96       |

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 Sample : PB136299BS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
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Manual Integrations  
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Quant Time: May 12 16:18:04 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP050521.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 11 11:20:59 2021  
 Response via : Initial Calibration

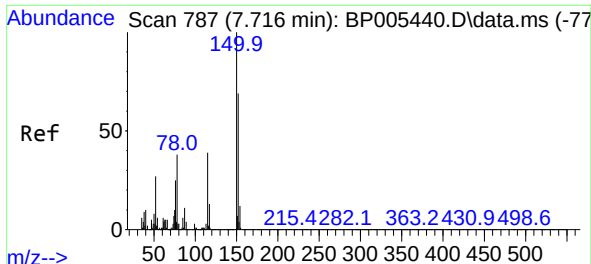
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.869 | 196  | 35296    | 38.94 | ng    | 93       |
| 46) 1,1'-Biphenyl             | 13.181 | 154  | 85196    | 37.82 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.222 | 162  | 69599    | 37.10 | ng    | 97       |
| 48) 2-Nitroaniline            | 13.446 | 65   | 22376    | 41.99 | ng    | 99       |
| 49) Acenaphthylene            | 14.069 | 152  | 106444   | 39.39 | ng    | 98       |
| 50) Dimethylphthalate         | 13.816 | 163  | 96774    | 38.31 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 13.946 | 165  | 19653    | 34.65 | ng    | 97       |
| 52) Acenaphthene              | 14.410 | 154  | 63486    | 37.76 | ng    | 95       |
| 53) 3-Nitroaniline            | 14.275 | 138  | 11493    | 28.28 | ng    | 84       |
| 54) 2,4-Dinitrophenol         | 14.498 | 184  | 30035    | 87.79 | ng    | # 74     |
| 55) Dibenzofuran              | 14.746 | 168  | 118344   | 37.42 | ng    | 97       |
| 56) 4-Nitrophenol             | 14.616 | 139  | 23461    | 76.48 | ng    | # 59     |
| 57) 2,4-Dinitrotoluene        | 14.740 | 165  | 32567    | 38.95 | ng    | 86       |
| 58) Fluorene                  | 15.398 | 166  | 99350    | 38.47 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 14.987 | 232  | 35902    | 39.61 | ng    | # 99     |
| 60) Diethylphthalate          | 15.181 | 149  | 96266    | 39.35 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.393 | 204  | 66694    | 41.27 | ng    | 98       |
| 62) 4-Nitroaniline            | 15.445 | 138  | 12982    | 33.25 | ng    | # 67     |
| 63) Azobenzene                | 15.693 | 77   | 103308   | 40.97 | ng    | 88       |
| 65) 4,6-Dinitro-2-methylph... | 15.510 | 198  | 21447    | 36.36 | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 15.616 | 169  | 83869    | 38.61 | ng    | 93       |
| 67) 4-Bromophenyl-phenylether | 16.293 | 248  | 48486    | 41.73 | ng    | 98       |
| 68) Hexachlorobenzene         | 16.404 | 284  | 58536    | 39.73 | ng    | 97       |
| 69) Atrazine                  | 16.581 | 200  | 43476    | 42.84 | ng    | 99       |
| 70) Pentachlorophenol         | 16.763 | 266  | 63567    | 81.31 | ng    | 97       |
| 71) Phenanthrene              | 17.145 | 178  | 166111   | 39.27 | ng    | 99       |
| 72) Anthracene                | 17.240 | 178  | 172371   | 41.07 | ng    | 98       |
| 73) Carbazole                 | 17.522 | 167  | 137347   | 37.15 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.069 | 149  | 170385   | 41.99 | ng    | 97       |
| 75) Fluoranthene              | 19.122 | 202  | 241805   | 41.57 | ng    | 96       |
| 77) Benzidine                 | 19.316 | 184  | 80070    | 45.31 | ng    | 98       |
| 78) Pyrene                    | 19.475 | 202  | 246630   | 38.16 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.357 | 149  | 85024    | 40.72 | ng    | 89       |
| 81) Benzo(a)anthracene        | 21.186 | 228  | 300392   | 40.61 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.128 | 252  | 102585   | 36.81 | ng    | 95       |
| 83) Chrysene                  | 21.239 | 228  | 287301   | 40.07 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.110 | 149  | 133726   | 41.88 | ng    | 97       |
| 85) Di-n-octyl phthalate      | 22.004 | 149  | 234864   | 43.79 | ng    | # 92     |
| 87) Indeno(1,2,3-cd)pyrene    | 25.933 | 276  | 483862   | 45.82 | ng    | # 97     |
| 88) Benzo(b)fluoranthene      | 22.816 | 252  | 344963   | 41.24 | ng    | # 99     |
| 89) Benzo(k)fluoranthene      | 22.857 | 252  | 339699   | 41.54 | ng    | # 97     |
| 90) Benzo(a)pyrene            | 23.416 | 252  | 312048   | 40.70 | ng    | # 98     |
| 91) Dibenzo(a,h)anthracene    | 25.939 | 278  | 418162   | 44.88 | ng    | # 98     |
| 92) Benzo(g,h,i)perylene      | 26.663 | 276  | 392189   | 45.49 | ng    | # 96     |

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

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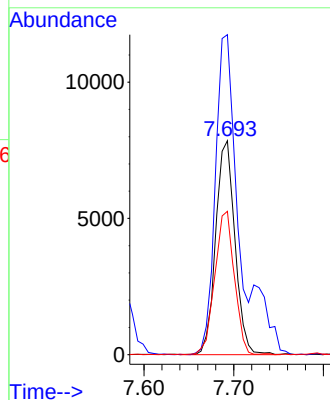
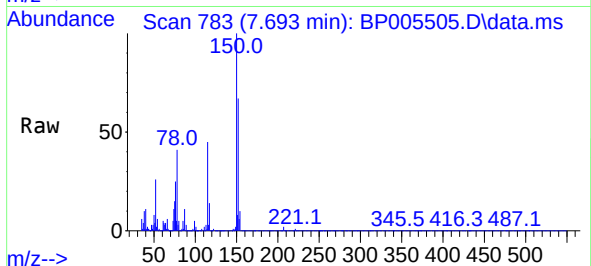


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.693 min Scan# 783  
Delta R.T. -0.006 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39

Tgt Ion:152 Resp: 11730  
Ion Ratio Lower Upper  
152 100  
150 149.6 119.8 179.8  
115 67.0 49.0 73.4

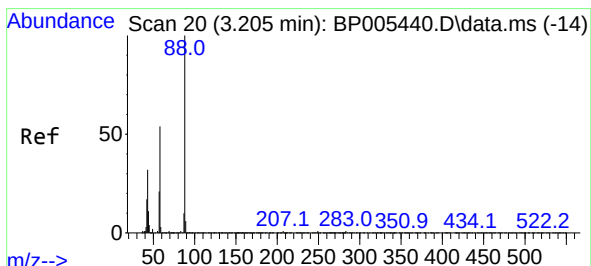
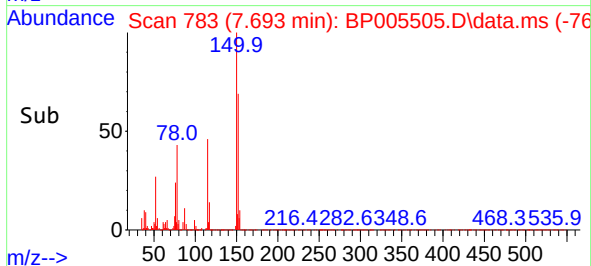
Instrument :  
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PB136299BS

Manual Integrations  
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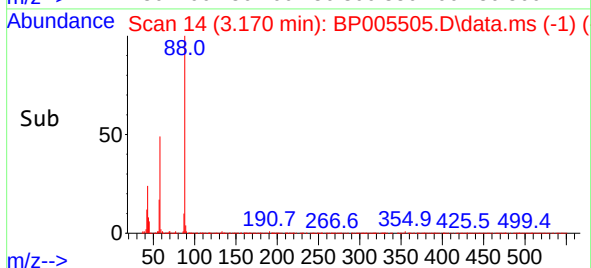
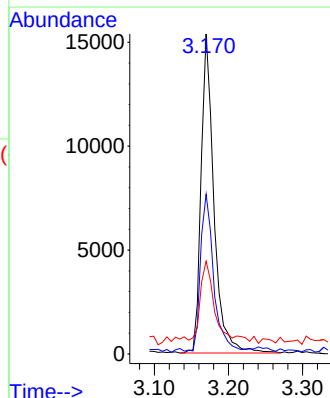
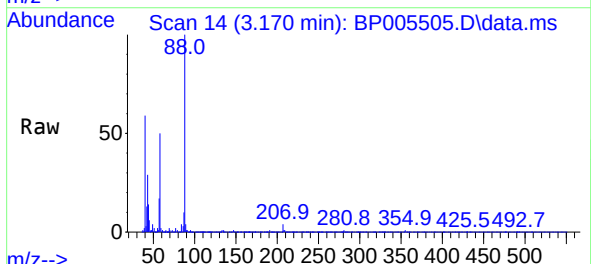
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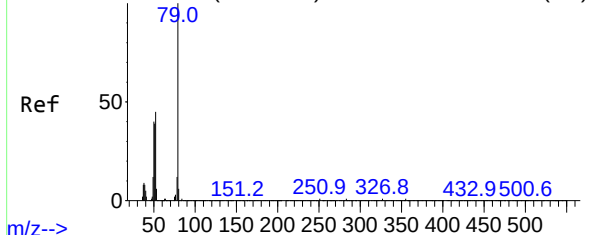


#2  
1,4-Dioxane  
Concen: 82.30 ng  
RT: 3.170 min Scan# 14  
Delta R.T. -0.012 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39

Tgt Ion: 88 Resp: 18529  
Ion Ratio Lower Upper  
88 100  
58 50.0 42.5 63.7  
43 28.6 19.8 29.8

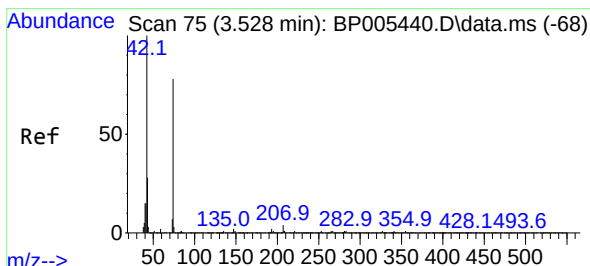
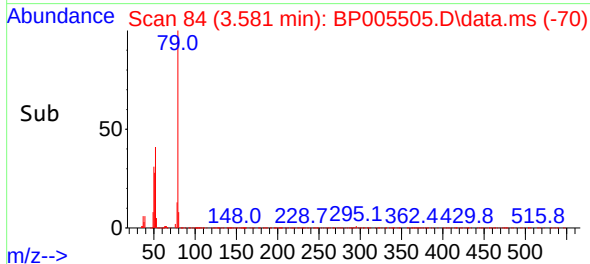
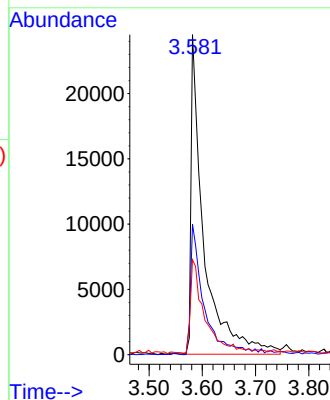
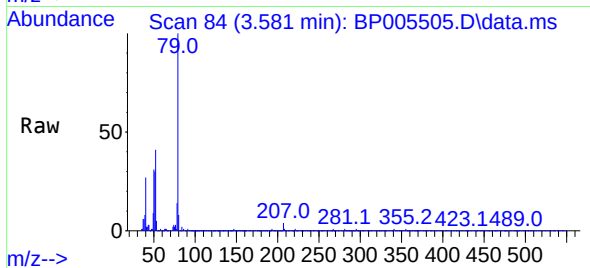


Abundance Scan 90 (3.616 min): BP005440.D\data.ms (-86)



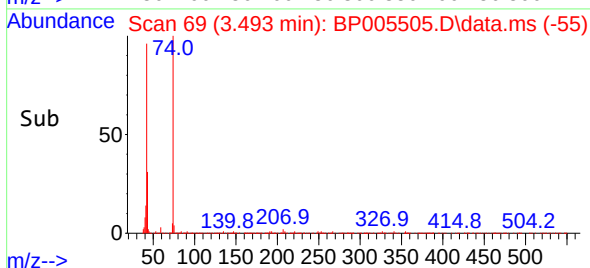
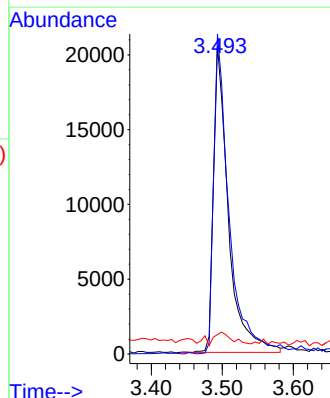
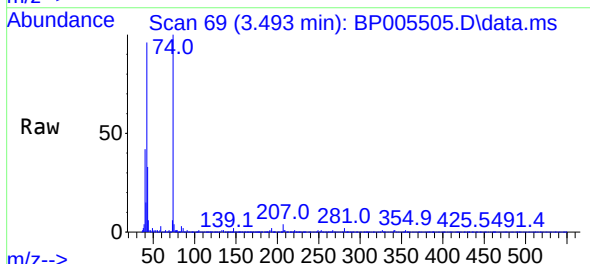
#3  
Pyridine  
Concen: 75.59 ng  
RT: 3.581 min Scan# 84  
Delta R.T. -0.018 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 79    | Resp: | 40908 |
| Ion      | Ratio | Lower | Upper |
| 79       | 100   |       |       |
| 52       | 40.8  | 40.3  | 60.5  |
| 51       | 29.6  | 20.0  | 30.0  |



#4  
n-Nitrosodimethylamine  
Concen: 68.69 ng  
RT: 3.493 min Scan# 69  
Delta R.T. -0.018 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 29896  |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 74       | 103.9 | 122.6 | 183.8# |
| 44       | 6.3   | 146.9 | 220.3# |

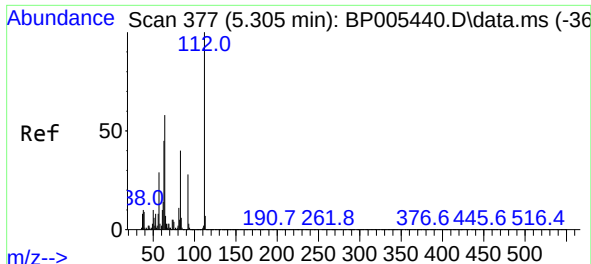


Instrument :  
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Manual Integrations  
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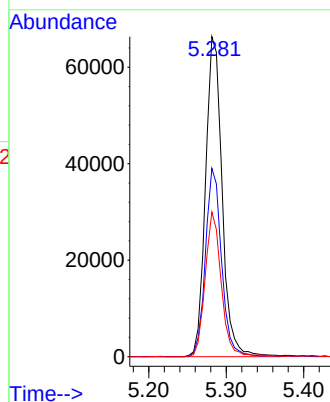
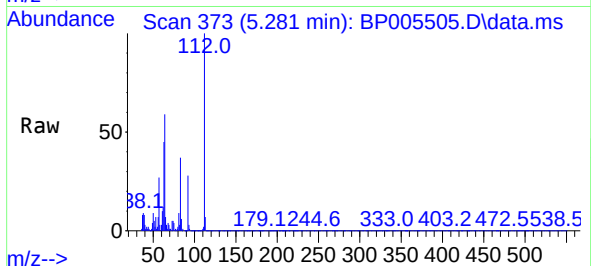


#5  
2-Fluorophenol  
Concen: 161.49 ng  
RT: 5.281 min Scan# 373  
Delta R.T. -0.006 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 112   | Resp: | 98703 |
| Ion Ratio | Lower | Upper |       |
| 112       | 100   |       |       |
| 64        | 58.9  | 33.6  | 50.4# |
| 63        | 45.2  | 18.6  | 27.8# |

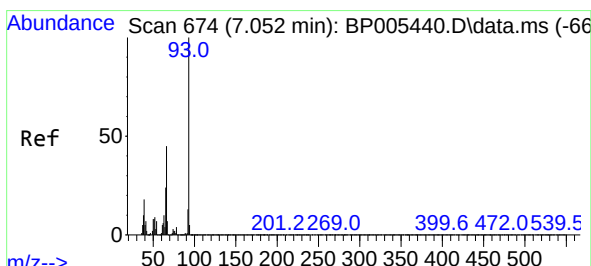
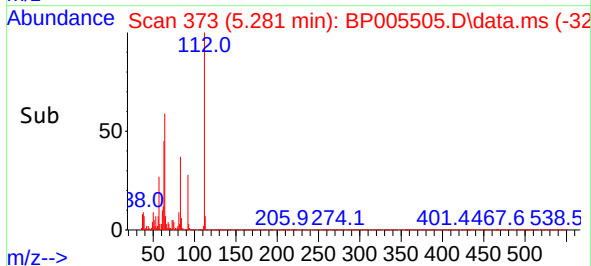
Instrument :  
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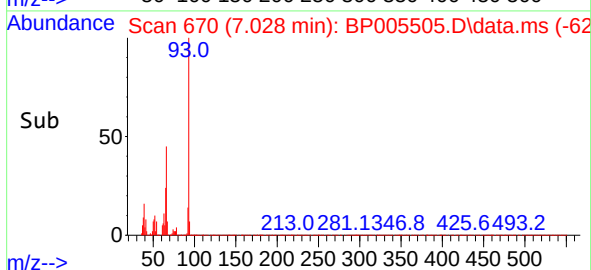
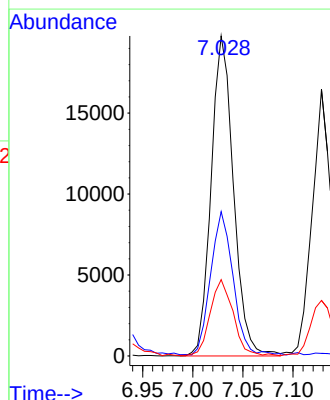
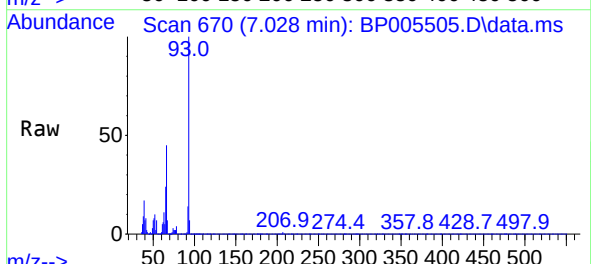
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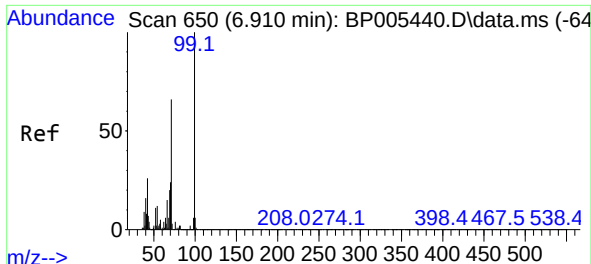
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#6  
Aniline  
Concen: 37.27 ng  
RT: 7.028 min Scan# 670  
Delta R.T. -0.006 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 93    | Resp: | 30661 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 66        | 45.1  | 27.0  | 40.4# |
| 65        | 23.9  | 14.4  | 21.6# |



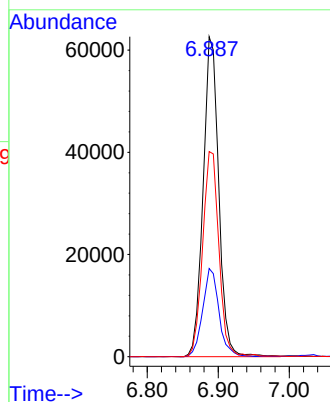
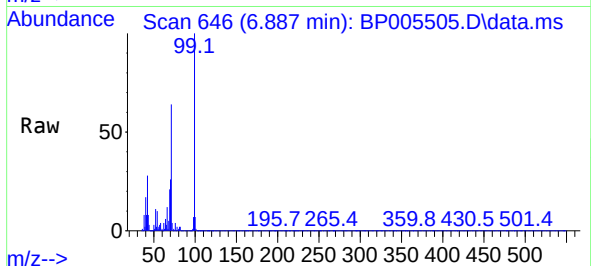


#7  
Phenol-d6  
Concen: 125.77 ng  
RT: 6.887 min Scan# 646  
Delta R.T. -0.006 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 95855 |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 27.5  | 12.9  | 19.3# |
| 71       | 64.1  | 26.7  | 40.1# |

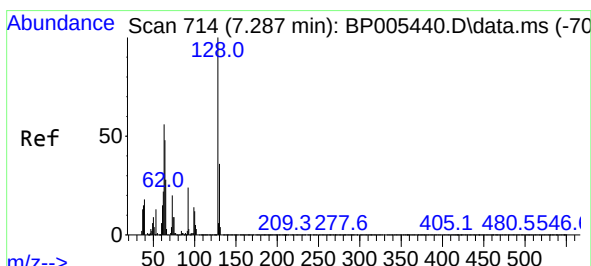
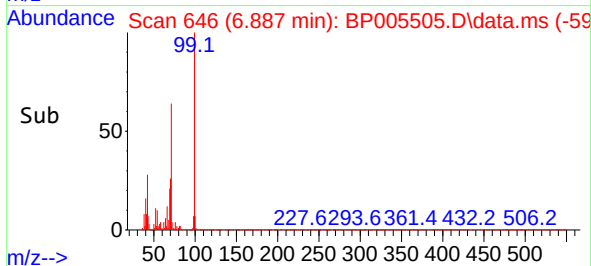
Instrument :  
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Manual Integrations  
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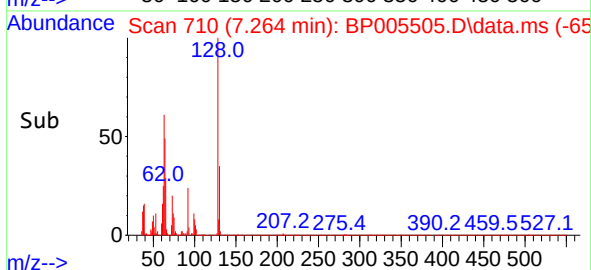
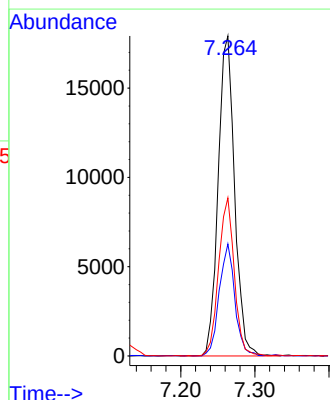
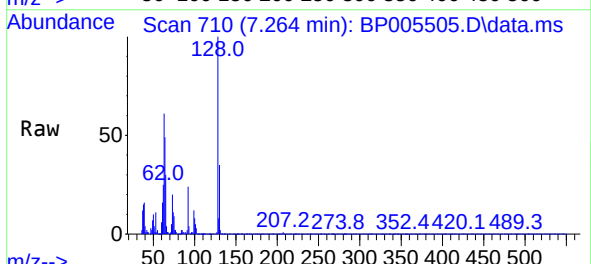
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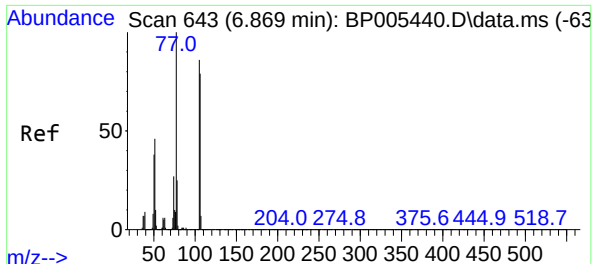
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#8  
2-Chlorophenol  
Concen: 42.04 ng  
RT: 7.264 min Scan# 710  
Delta R.T. 0.000 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 27596 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 130      | 35.0  | 14.1  | 54.1  |
| 64       | 49.4  | 17.2  | 57.2  |



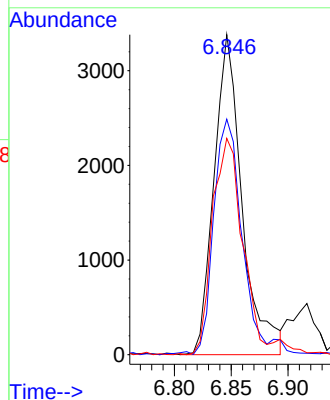
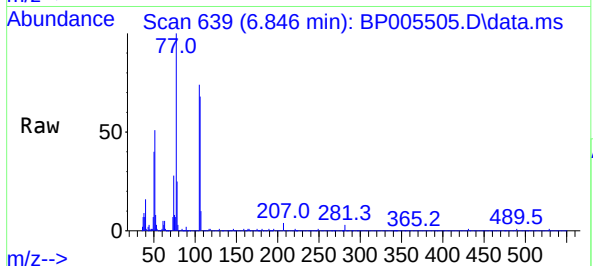


#9  
Benzaldehyde  
Concen: 12.39 ng  
RT: 6.846 min Scan# 639  
Delta R.T. 0.000 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39

|             |             |
|-------------|-------------|
| Tgt Ion: 77 | Resp: 5805  |
| Ion Ratio   | Lower Upper |
| 77 100      |             |
| 105 73.6    | 89.4 129.4# |
| 106 67.6    | 79.9 119.9# |

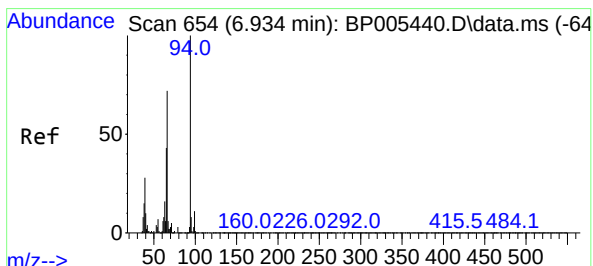
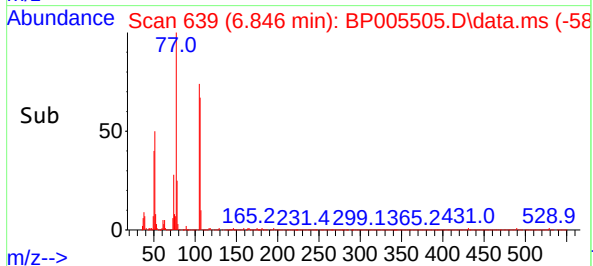
Instrument :  
BNA\_P  
ClientSampleId :  
PB136299BS

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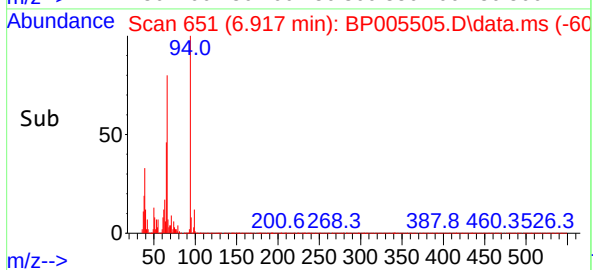
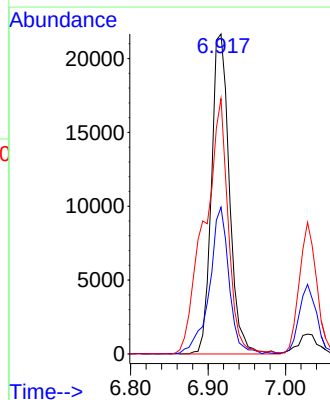
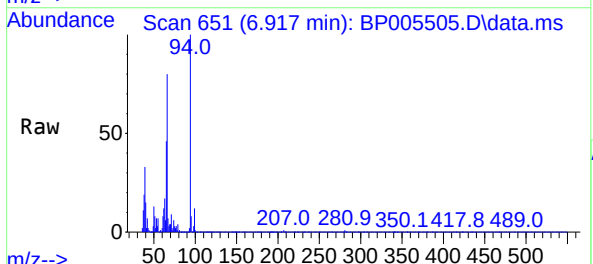
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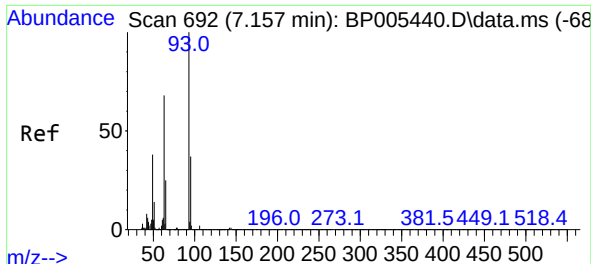


#10  
Phenol  
Concen: 45.76 ng  
RT: 6.917 min Scan# 651  
Delta R.T. 0.000 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39

|             |             |
|-------------|-------------|
| Tgt Ion: 94 | Resp: 34879 |
| Ion Ratio   | Lower Upper |
| 94 100      |             |
| 65 45.8     | 8.0 48.0    |
| 66 79.8     | 17.3 57.3#  |





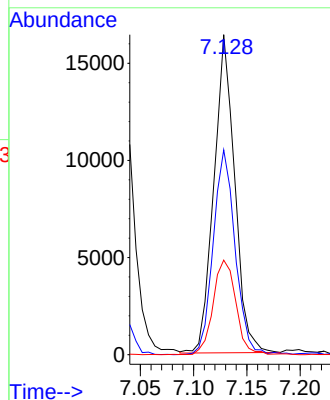
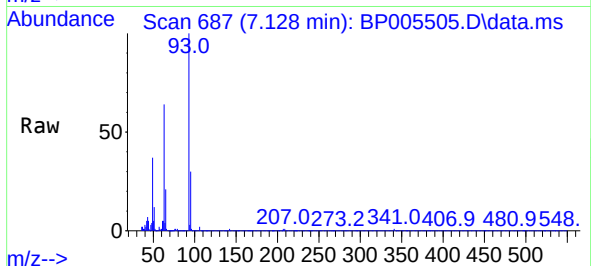


#11  
bis(2-Chloroethyl)ether  
Concen: 42.26 ng  
RT: 7.128 min Scan# 687  
Delta R.T. -0.006 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39

|             |             |
|-------------|-------------|
| Tgt Ion: 93 | Resp: 22248 |
| Ion Ratio   | Lower Upper |
| 93 100      |             |
| 63 64.0     | 49.6 89.6   |
| 95 29.6     | 14.4 54.4   |

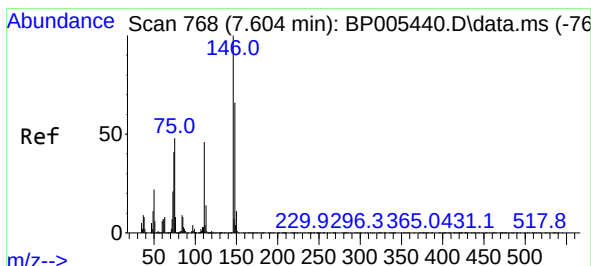
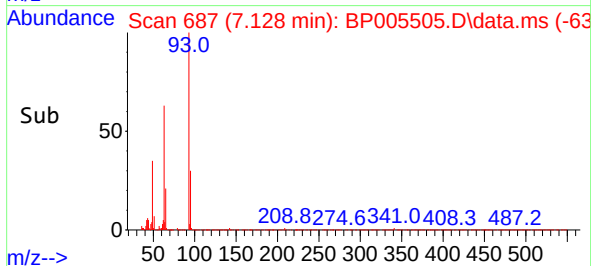
Instrument :  
BNA\_P  
ClientSampleId :  
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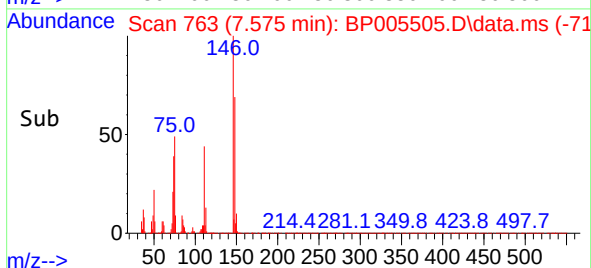
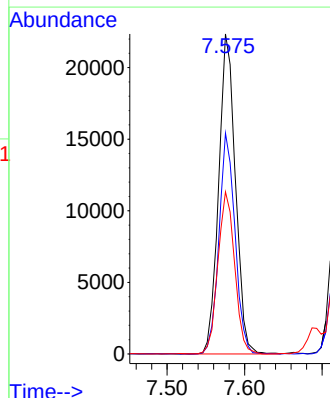
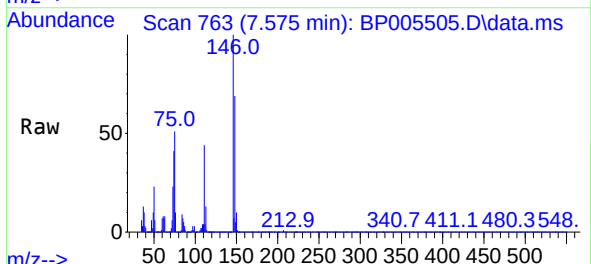
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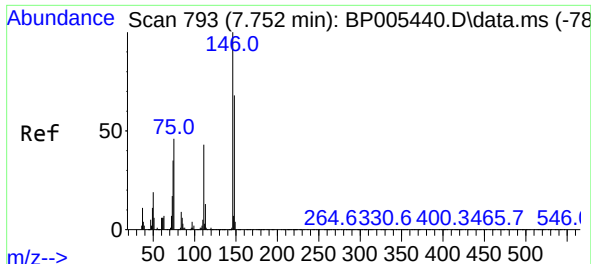
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#12  
1,3-Dichlorobenzene  
Concen: 38.43 ng  
RT: 7.575 min Scan# 763  
Delta R.T. -0.006 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39

|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion:146 | Resp: | 33570 |       |
| Ion Ratio   | Lower | Upper |       |
| 146         | 100   |       |       |
| 148         | 69.0  | 51.4  | 77.0  |
| 75          | 50.6  | 23.9  | 35.9# |





#13

1,4-Dichlorobenzene

Concen: 39.35 ng

RT: 7.728 min Scan# 789

Delta R.T. 0.000 min

Lab File: BP005505.D

Acq: 12 May 2021 15:39

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 34252 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 148       | 64.7  | 52.2  | 78.4  |
| 111       | 40.6  | 34.2  | 51.4  |

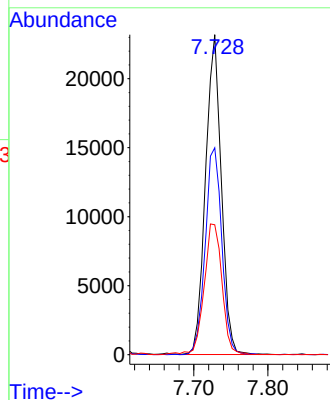
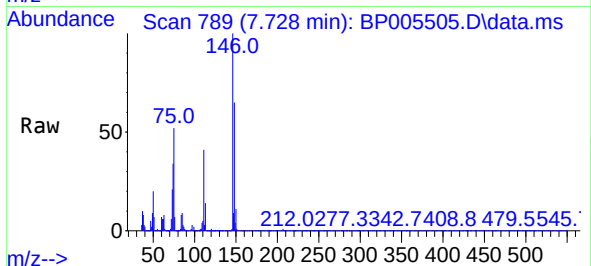
Instrument :

BNA\_P

ClientSampleId :

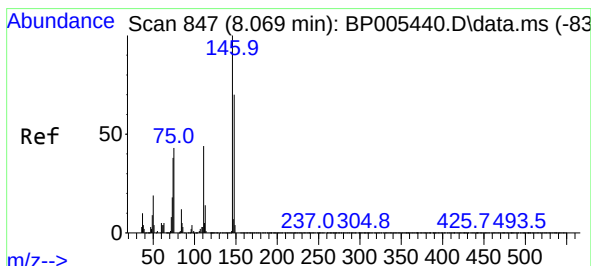
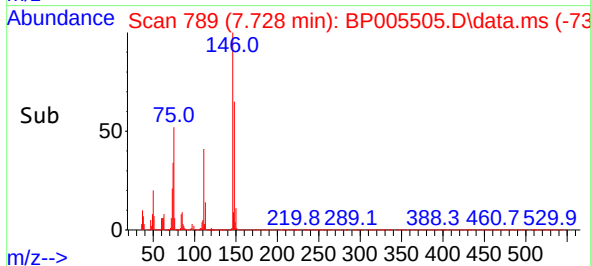
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#14

1,2-Dichlorobenzene

Concen: 38.75 ng

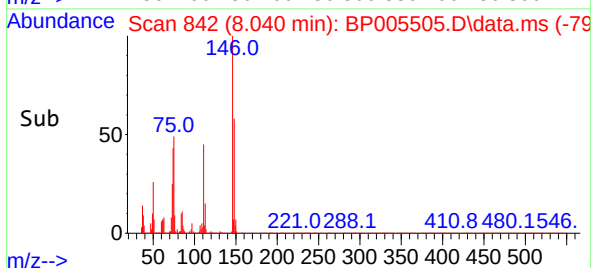
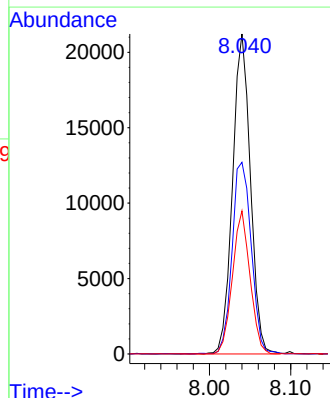
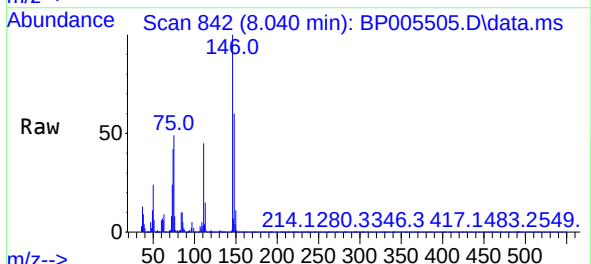
RT: 8.040 min Scan# 842

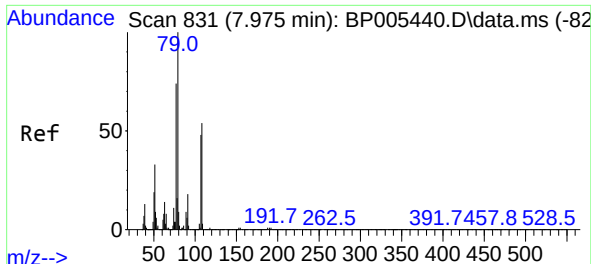
Delta R.T. -0.006 min

Lab File: BP005505.D

Acq: 12 May 2021 15:39

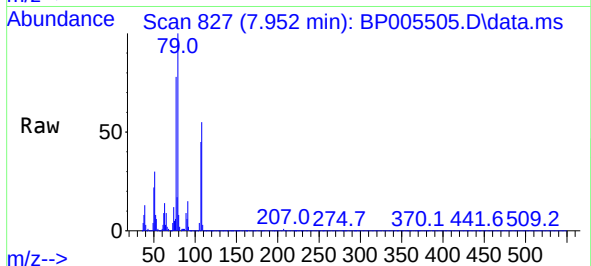
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 32334 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 148       | 59.9  | 51.5  | 77.3  |
| 111       | 44.7  | 34.0  | 51.0  |





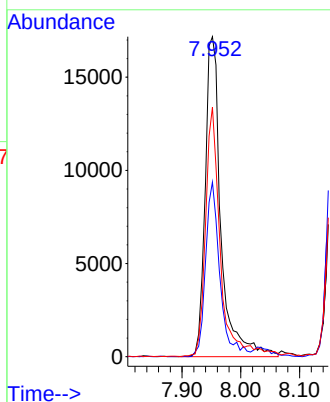
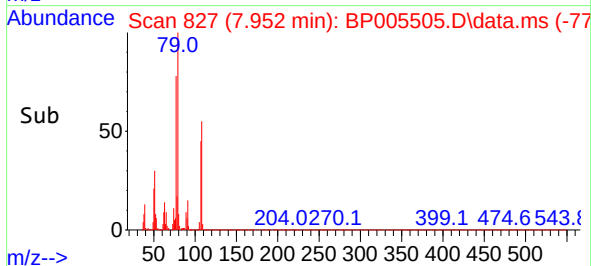
#15  
Benzyl Alcohol  
Concen: 43.71 ng  
RT: 7.952 min Scan# 827  
Delta R.T. 0.000 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39

Instrument :  
BNA\_P  
ClientSampleId :  
PB136299BS



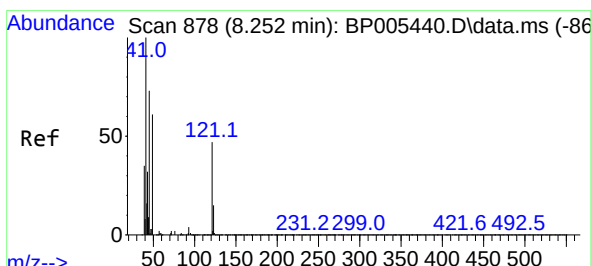
Tgt Ion: 79 Resp: 32140  
Ion Ratio Lower Upper  
79 100  
108 54.6 64.0 96.0#  
77 78.0 72.7 109.1

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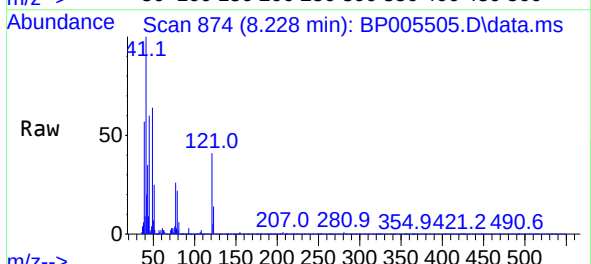


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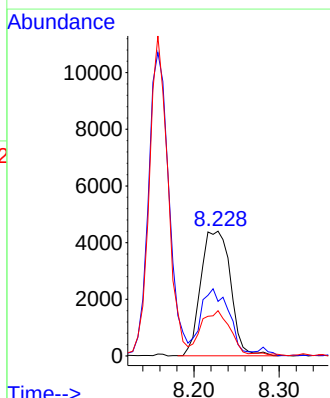
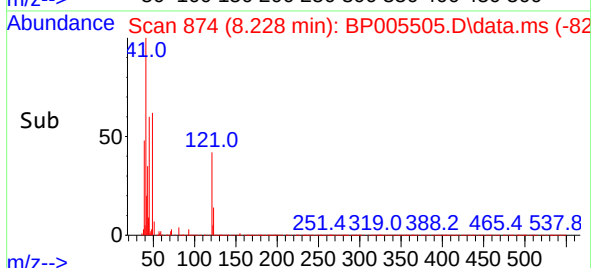
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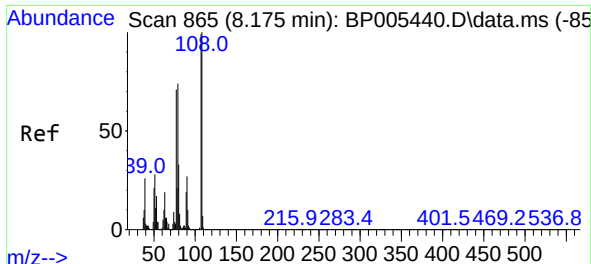


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 41.10 ng  
RT: 8.228 min Scan# 874  
Delta R.T. -0.006 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39



Tgt Ion: 45 Resp: 10685  
Ion Ratio Lower Upper  
45 100  
77 43.7 7.0 47.0  
79 36.2 1.0 41.0



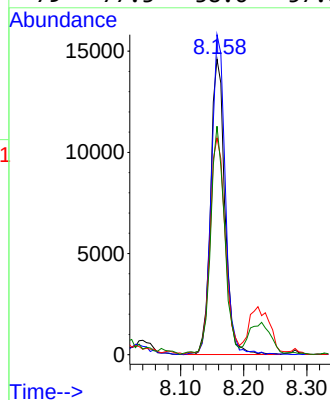
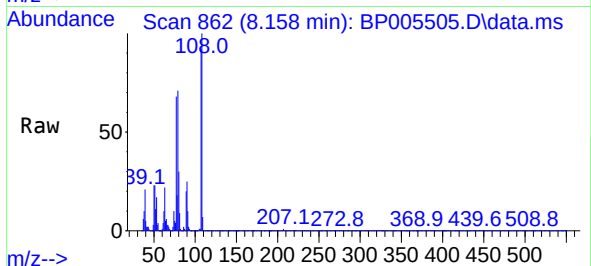


#17  
2-Methylphenol  
Concen: 43.67 ng  
RT: 8.158 min Scan# 862  
Delta R.T. -0.006 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 22865 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 108.3 | 85.8  | 128.8 |
| 77       | 73.3  | 41.4  | 62.0# |
| 79       | 77.3  | 38.6  | 57.8# |

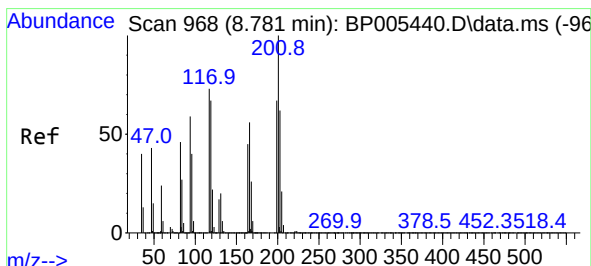
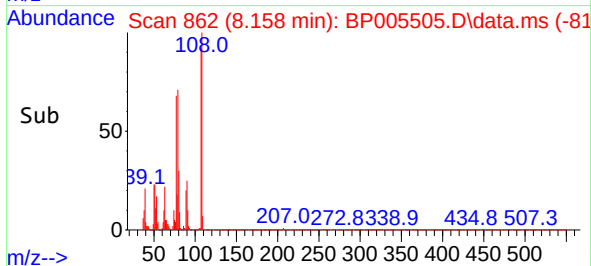
Instrument :  
BNA\_P  
ClientSampleId :  
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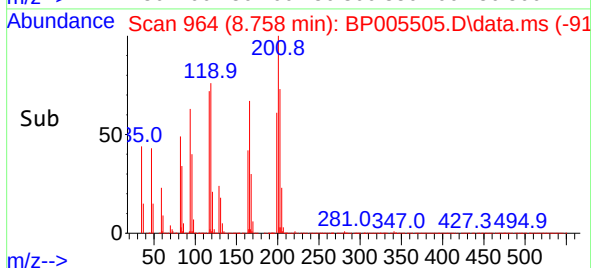
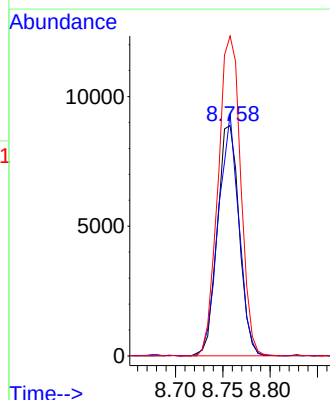
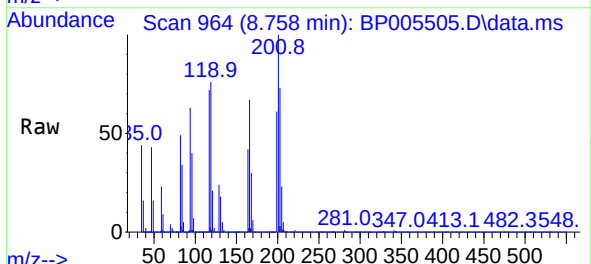
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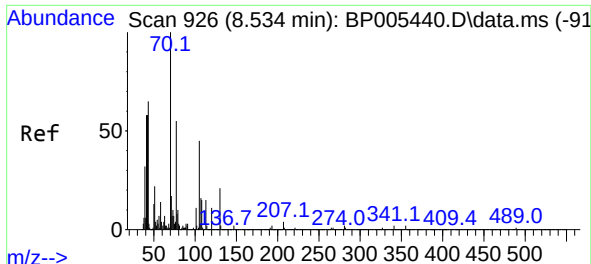
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#18  
Hexachloroethane  
Concen: 39.65 ng  
RT: 8.758 min Scan# 964  
Delta R.T. -0.006 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 14297 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 105.0 | 80.1  | 120.1 |
| 201      | 142.8 | 98.8  | 148.2 |



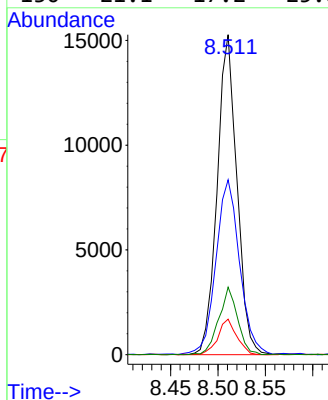
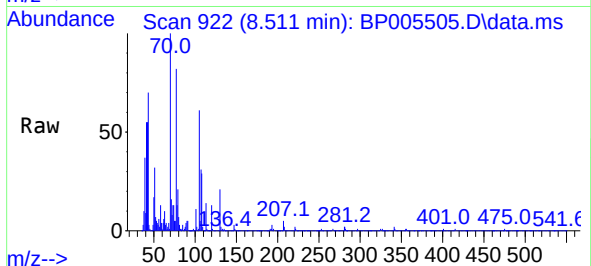


#19  
n-Nitroso-di-n-propylamine  
Concen: 39.74 ng  
RT: 8.511 min Scan# 922  
Delta R.T. -0.006 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 22181 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 54.7  | 39.7  | 59.5  |
| 101      | 11.1  | 7.4   | 11.0# |
| 130      | 21.1  | 17.2  | 25.8  |

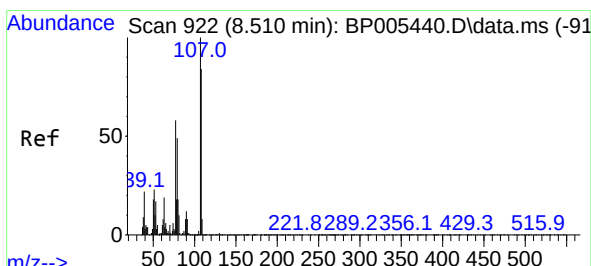
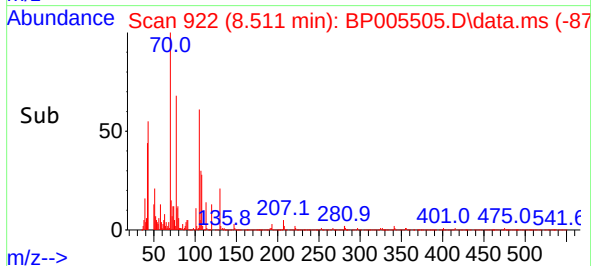
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ClientSampleId :  
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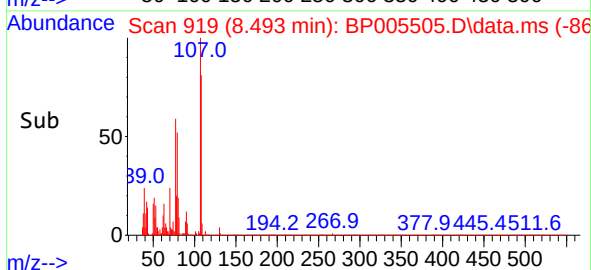
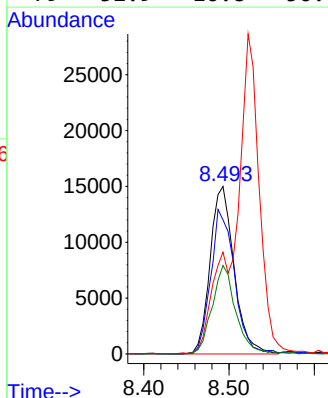
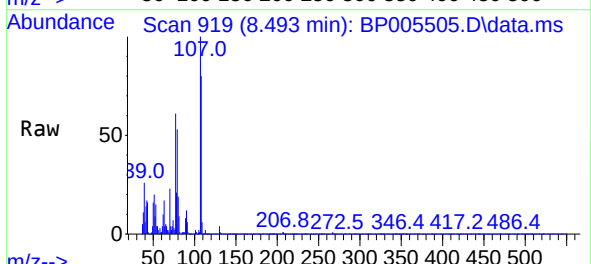
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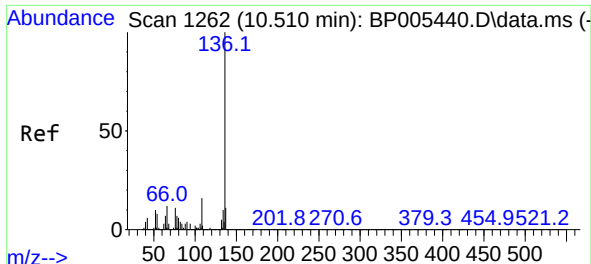
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#20  
3+4-Methylphenols  
Concen: 41.99 ng  
RT: 8.493 min Scan# 919  
Delta R.T. 0.000 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 29224 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 80.0  | 69.5  | 109.5 |
| 77       | 60.8  | 21.5  | 61.5  |
| 79       | 52.9  | 16.8  | 56.8  |



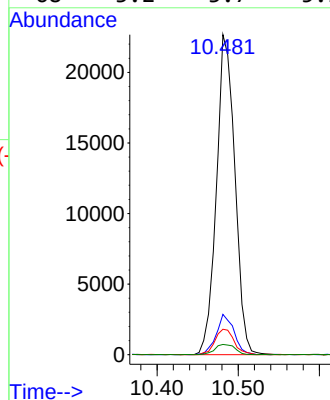
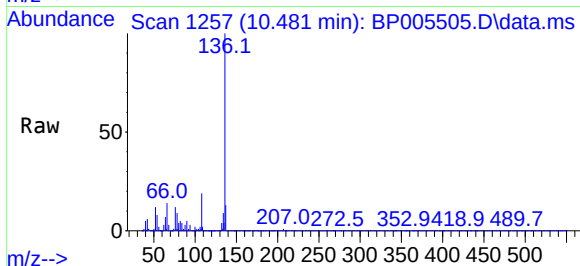


#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.481 min Scan# 1257  
Delta R.T. -0.012 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 35862 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 12.6  | 8.9   | 13.3  |
| 54        | 8.0   | 5.0   | 7.4#  |
| 68        | 3.2   | 3.7   | 5.5#  |

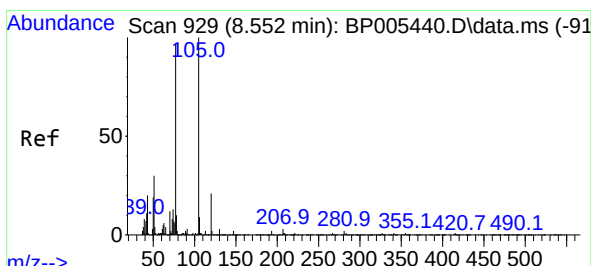
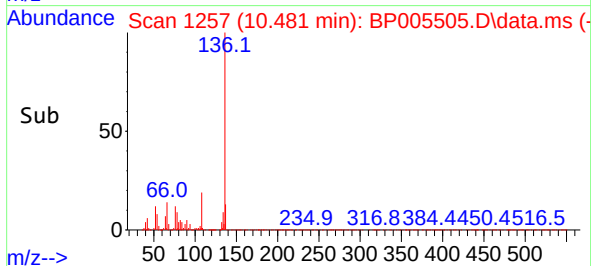
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BNA\_P  
ClientSampleId :  
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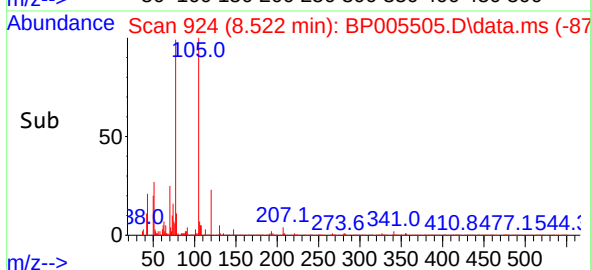
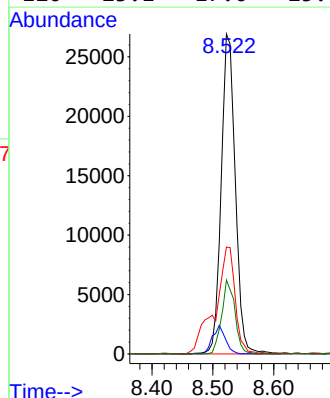
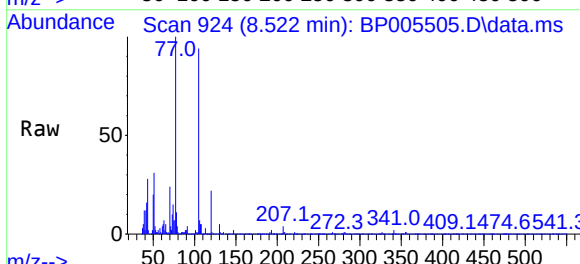
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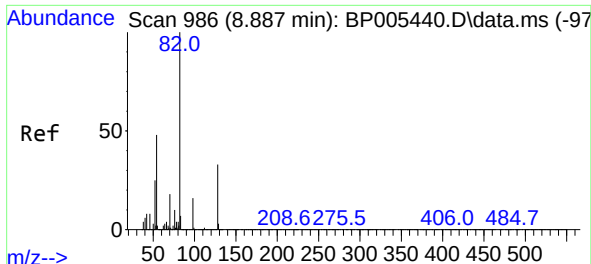
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#22  
Acetophenone  
Concen: 42.88 ng  
RT: 8.522 min Scan# 924  
Delta R.T. -0.012 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 105   | Resp: | 43382 |
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 71        | 4.0   | 0.9   | 1.3#  |
| 51        | 33.4  | 18.2  | 27.2# |
| 120       | 23.1  | 17.0  | 25.6  |



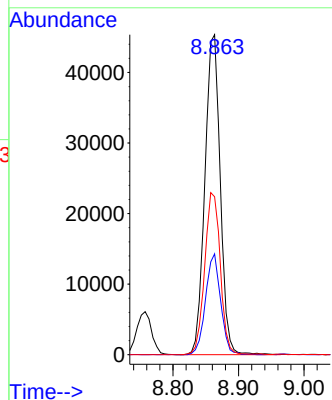
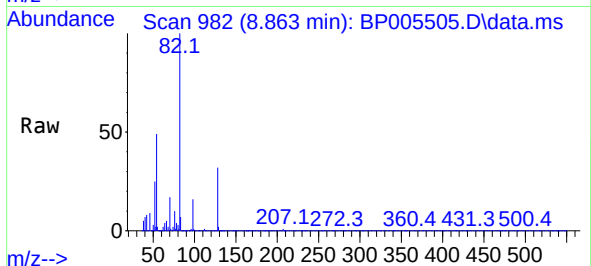


#23  
Nitrobenzene-d5  
Concen: 81.42 ng  
RT: 8.863 min Scan# 982  
Delta R.T. 0.000 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 74188 |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 31.5  | 30.5  | 45.7  |
| 54       | 49.3  | 33.9  | 50.9  |

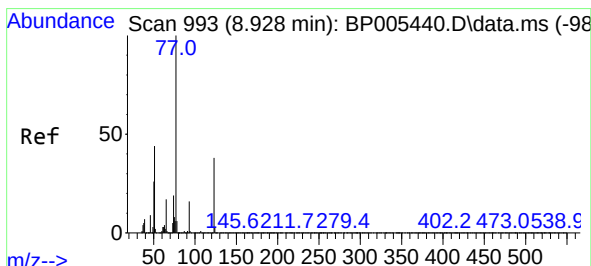
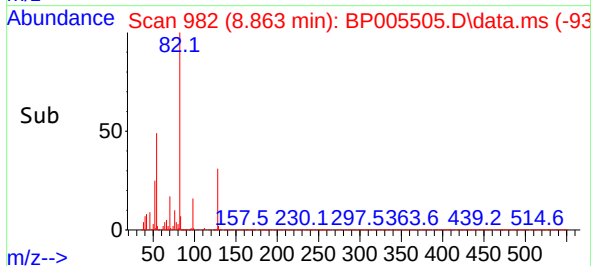
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PB136299BS

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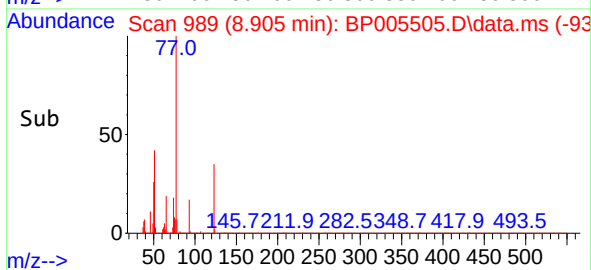
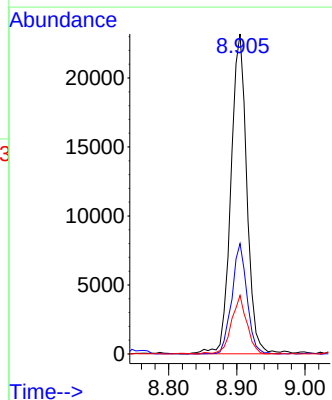
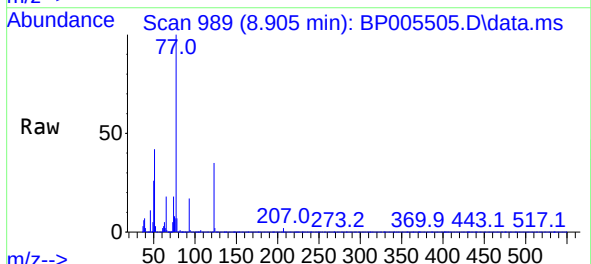
Sohil

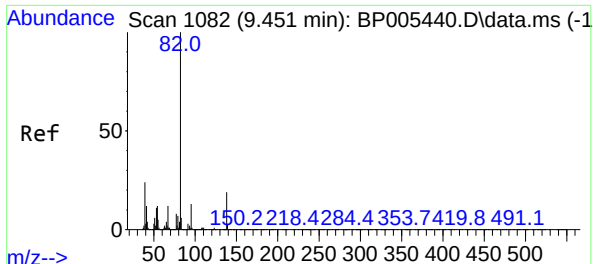
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#24  
Nitrobenzene  
Concen: 41.16 ng  
RT: 8.905 min Scan# 989  
Delta R.T. 0.000 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 77    | Resp: | 37617 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 123      | 34.5  | 31.7  | 47.5  |
| 65       | 18.3  | 11.5  | 17.3  |



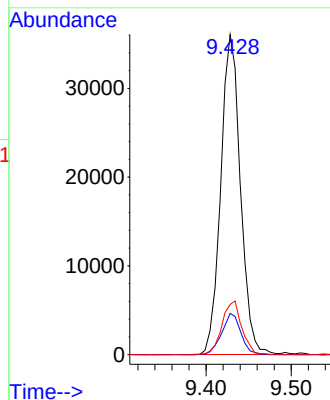
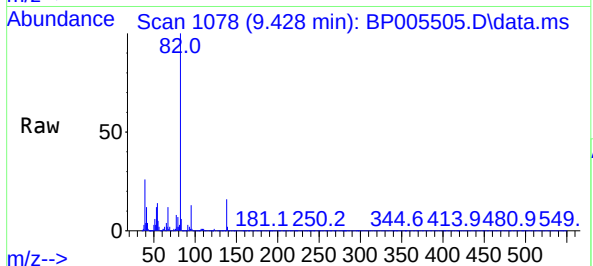


#25  
Isophorone  
Concen: 41.00 ng  
RT: 9.428 min Scan# 1078  
Delta R.T. -0.006 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 57855 |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 95       | 12.9  | 7.5   | 11.3# |
| 138      | 15.7  | 14.6  | 22.0  |

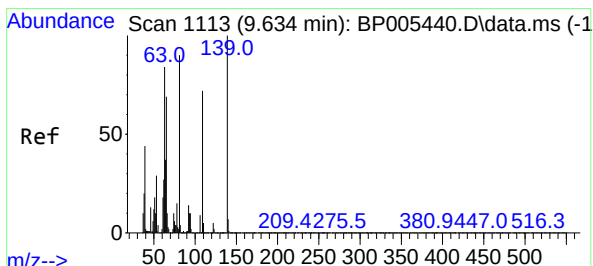
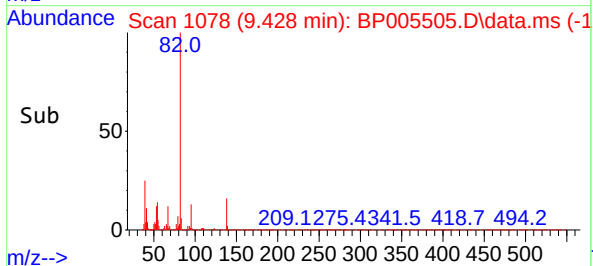
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BNA\_P  
ClientSampleId :  
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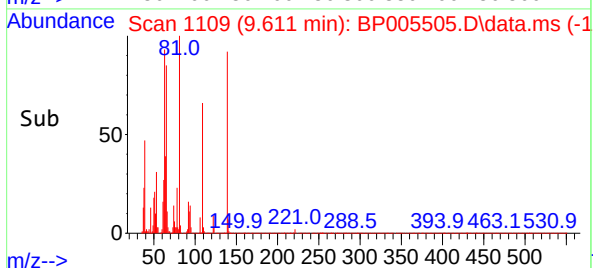
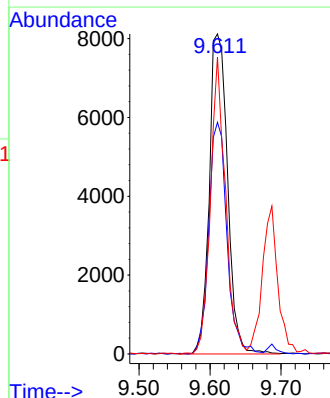
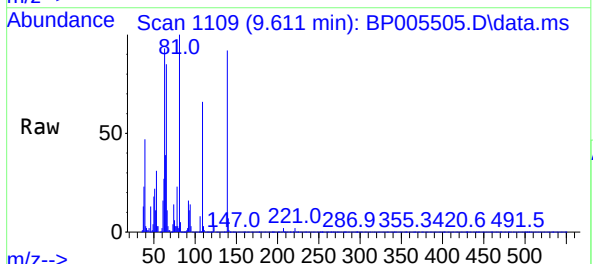
Sohil

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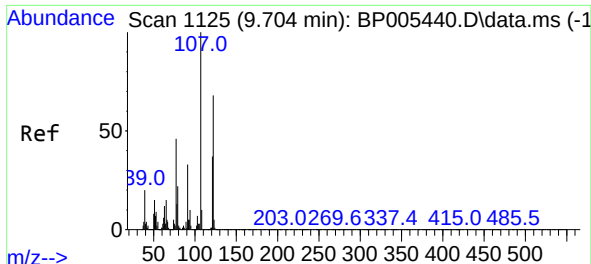


#26  
2-Nitrophenol  
Concen: 38.00 ng  
RT: 9.611 min Scan# 1109  
Delta R.T. 0.000 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39

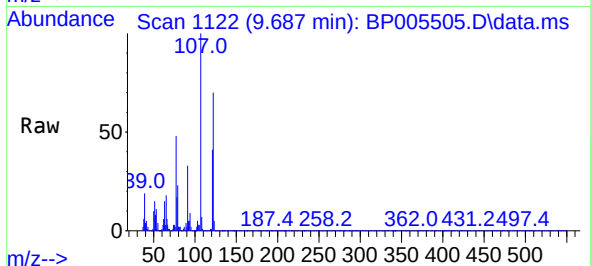
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 139   | Resp: | 14544 |
| Ion      | Ratio | Lower | Upper |
| 139      | 100   |       |       |
| 109      | 72.4  | 40.7  | 61.1# |
| 65       | 92.8  | 47.8  | 71.6# |



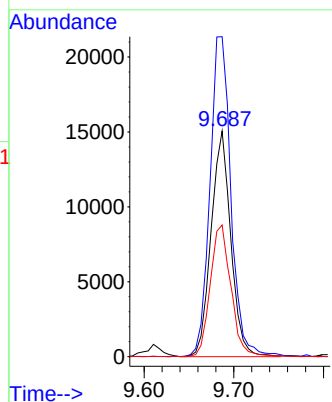




#27  
2,4-Dimethylphenol  
Concen: 45.44 ng  
RT: 9.687 min Scan# 1122  
Delta R.T. 0.000 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39



Tgt Ion: 122 Resp: 23018  
Ion Ratio Lower Upper  
122 100  
107 141.9 93.8 140.8#  
121 58.3 45.6 68.4

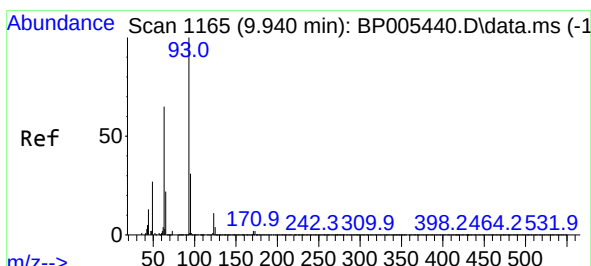
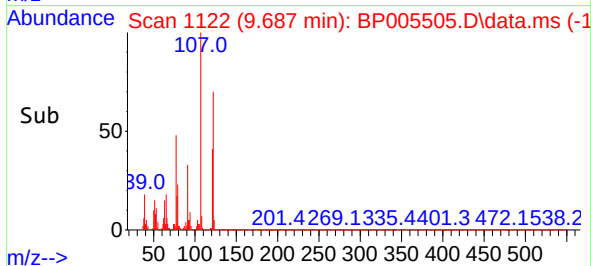


Instrument :  
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ClientSampleId :  
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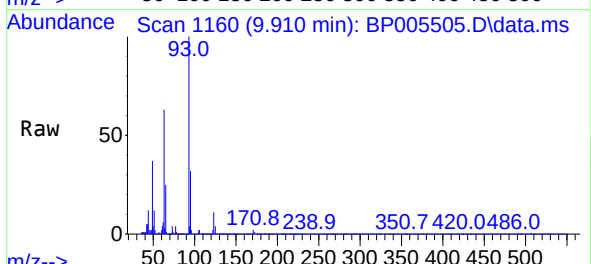
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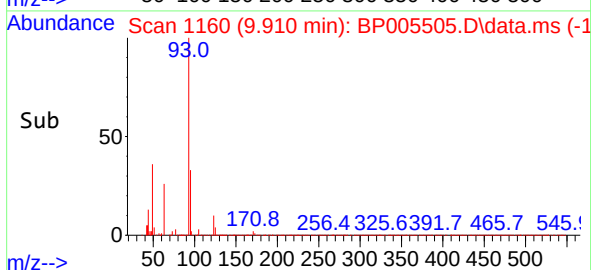
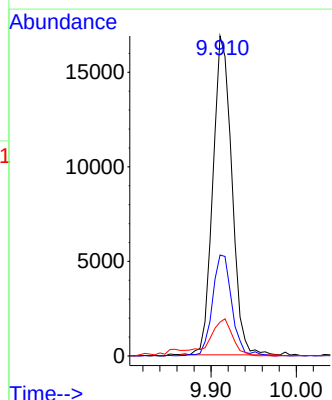
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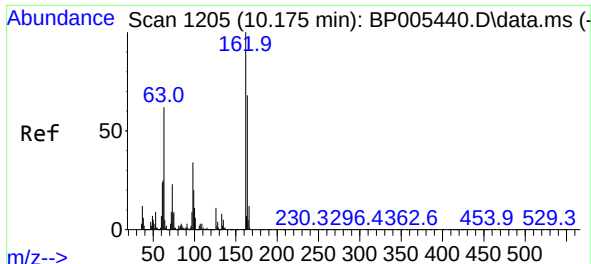


#28  
bis(2-Chloroethoxy)methane  
Concen: 44.04 ng  
RT: 9.910 min Scan# 1160  
Delta R.T. -0.006 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39



Tgt Ion: 93 Resp: 26013  
Ion Ratio Lower Upper  
93 100  
95 31.5 24.9 37.3  
123 10.6 9.5 14.3



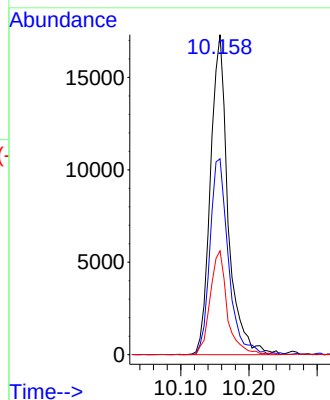
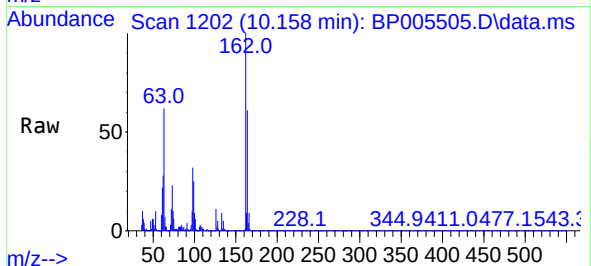


#29  
2,4-Dichlorophenol  
Concen: 39.26 ng  
RT: 10.158 min Scan# 1202  
Delta R.T. 0.000 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 162   | Resp: | 31231 |
| Ion Ratio | Lower | Upper |       |
| 162       | 100   |       |       |
| 164       | 61.2  | 44.1  | 84.1  |
| 98        | 32.5  | 12.6  | 52.6  |

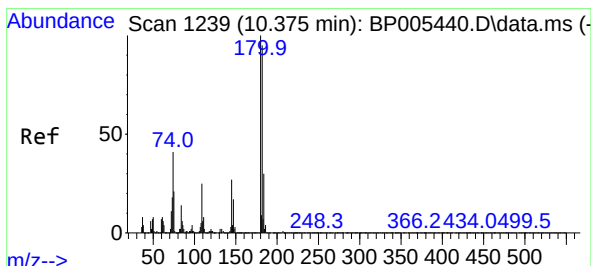
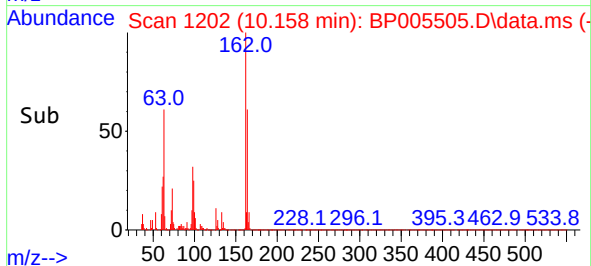
Instrument :  
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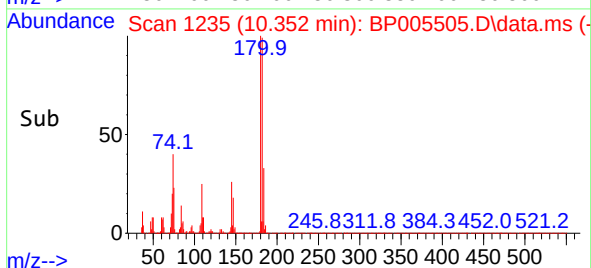
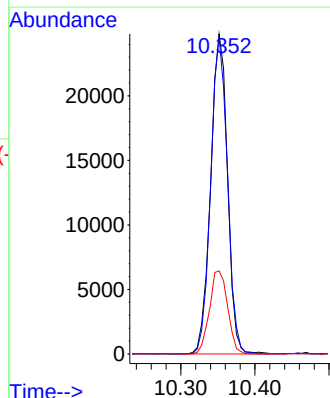
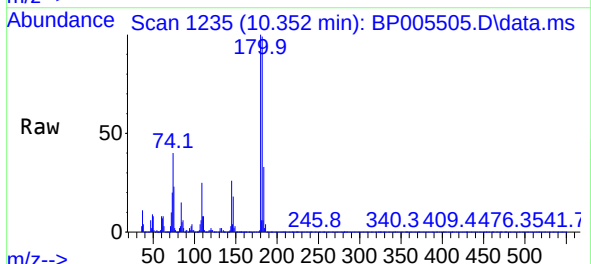
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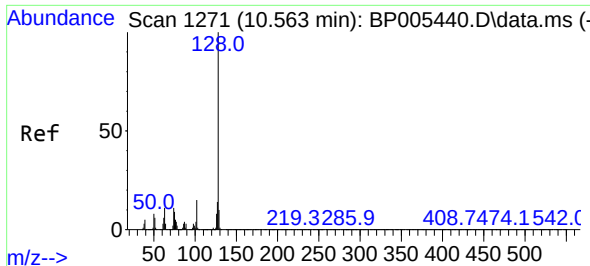
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#30  
1,2,4-Trichlorobenzene  
Concen: 38.49 ng  
RT: 10.352 min Scan# 1235  
Delta R.T. 0.000 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39

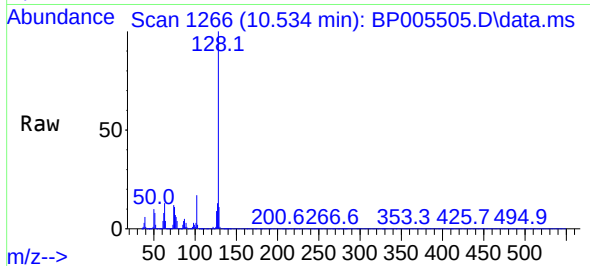
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 39108 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 99.1  | 77.2  | 115.8 |
| 145       | 25.9  | 21.7  | 32.5  |





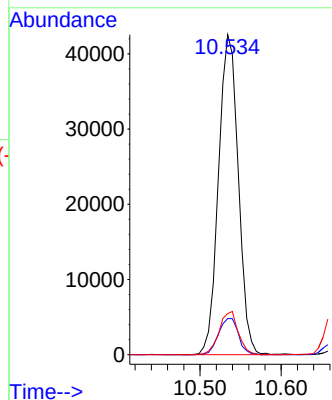
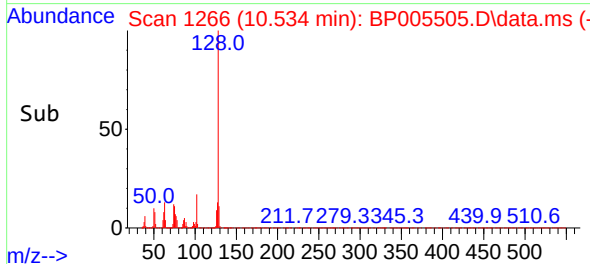
#31  
Naphthalene  
Concen: 37.41 ng  
RT: 10.534 min Scan# 1266  
Delta R.T. -0.006 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39

Instrument :  
BNA\_P  
ClientSampleId :  
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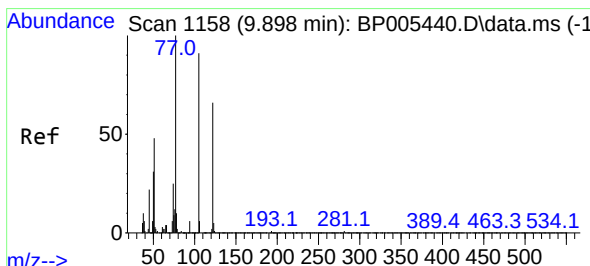
Tgt Ion:128 Resp: 72149  
Ion Ratio Lower Upper  
128 100  
129 11.3 8.0 12.0  
127 12.8 11.1 16.7

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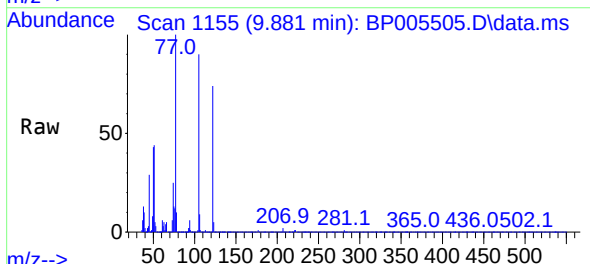


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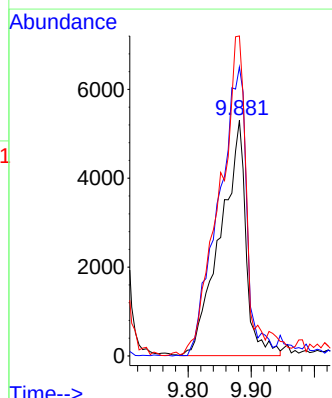
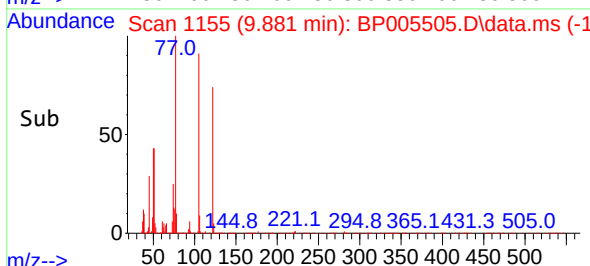
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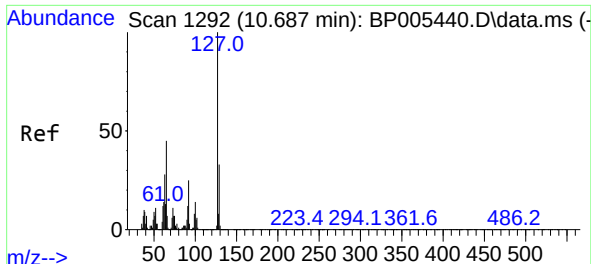


#32  
Benzoic acid  
Concen: 38.26 ng  
RT: 9.881 min Scan# 1155  
Delta R.T. 0.006 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39



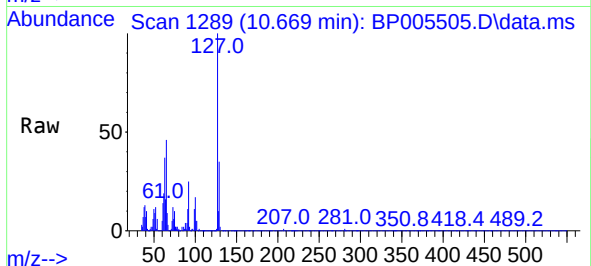
Tgt Ion:122 Resp: 14974  
Ion Ratio Lower Upper  
122 100  
105 122.6 105.1 145.1  
77 135.8 69.6 109.6#





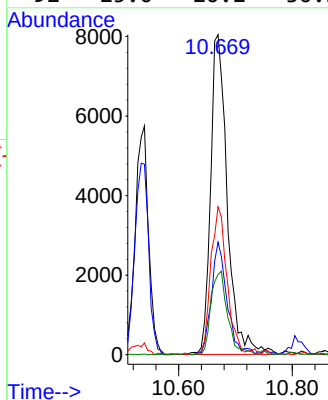
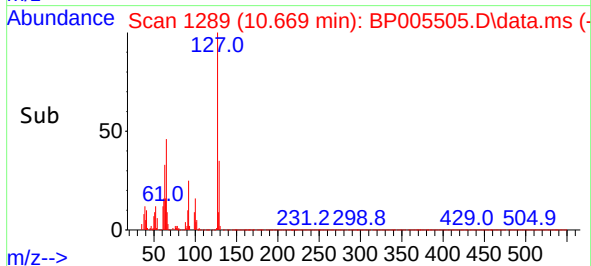
#33  
4-Chloroaniline  
Concen: 21.81 ng  
RT: 10.669 min Scan# 1289  
Delta R.T. 0.000 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39

Instrument :  
BNA\_P  
ClientSampleId :  
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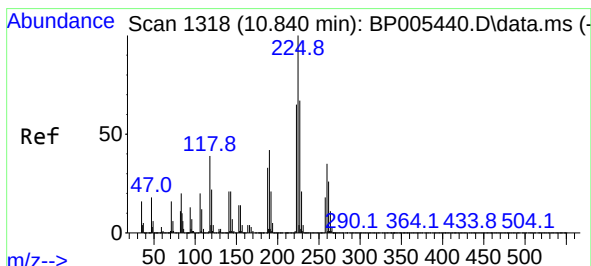
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 35.1  | 25.5  | 38.3  |
| 65      | 46.2  | 30.0  | 45.0# |
| 92      | 25.0  | 20.2  | 30.2  |

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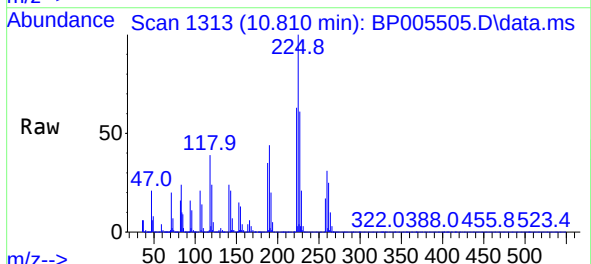


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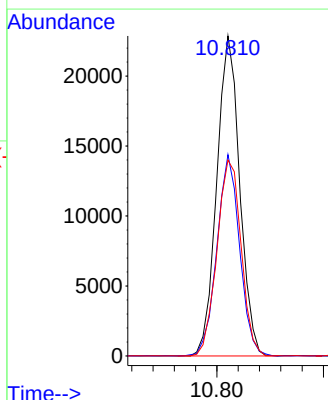
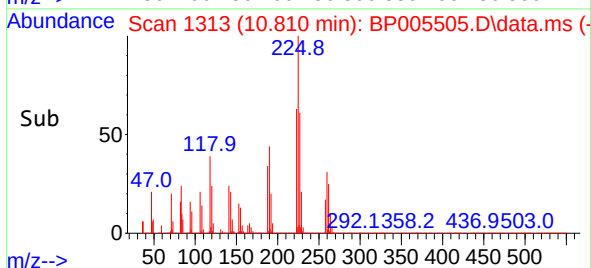
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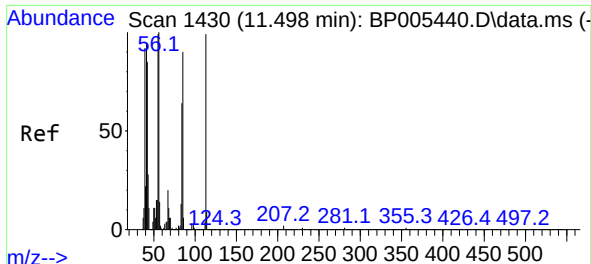


#34  
Hexachlorobutadiene  
Concen: 40.23 ng  
RT: 10.810 min Scan# 1313  
Delta R.T. -0.006 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.9  | 51.1  | 76.7  |
| 227     | 61.2  | 50.2  | 75.2  |



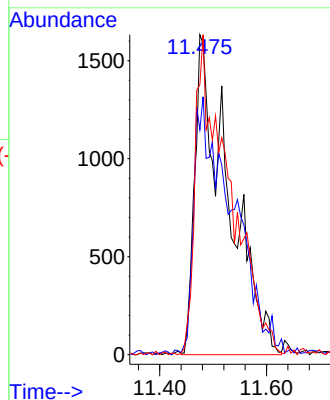
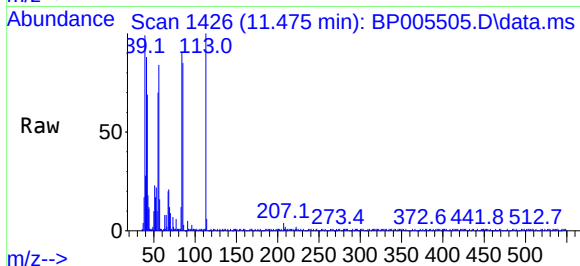


#35  
Caprolactam  
Concen: 38.20 ng m  
RT: 11.475 min Scan# 1426  
Delta R.T. 0.000 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 113     | 100   |       |        |
| 55      | 70.3  | 72.0  | 112.0# |
| 56      | 84.4  | 65.1  | 105.1  |

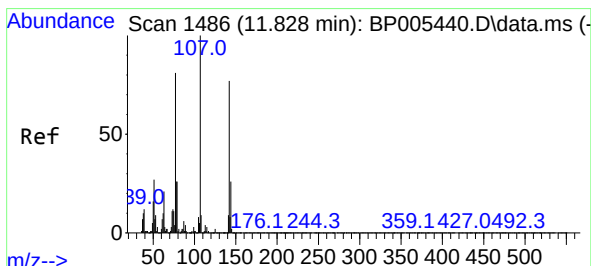
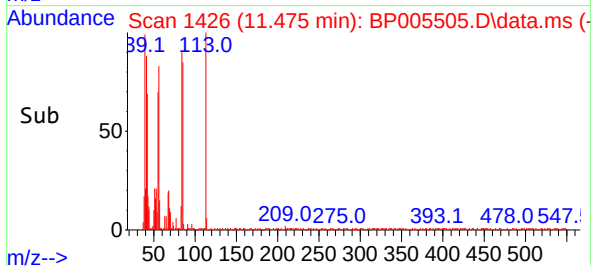
Instrument :  
BNA\_P  
ClientSampleId :  
PB136299BS

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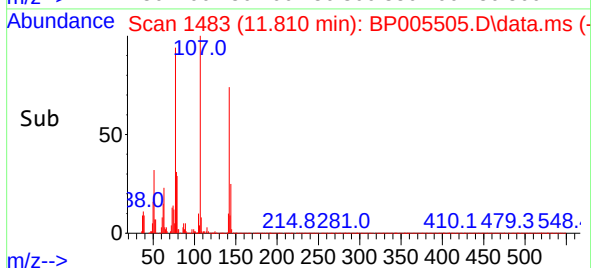
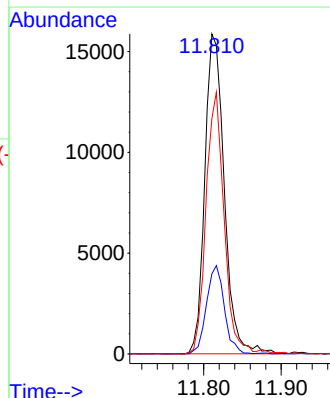
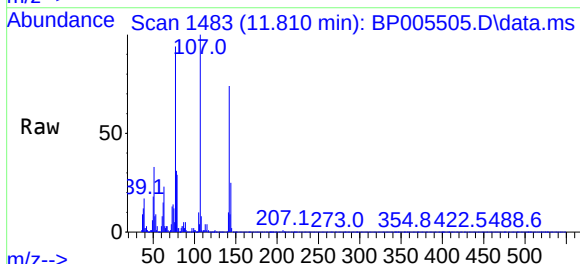
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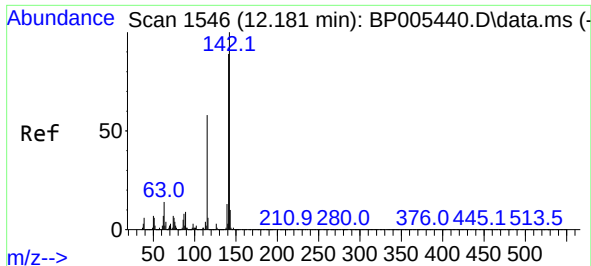
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#36  
4-Chloro-3-methylphenol  
Concen: 39.00 ng  
RT: 11.810 min Scan# 1483  
Delta R.T. 0.000 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 25.1  | 20.1  | 30.1  |
| 142     | 73.5  | 62.2  | 93.4  |



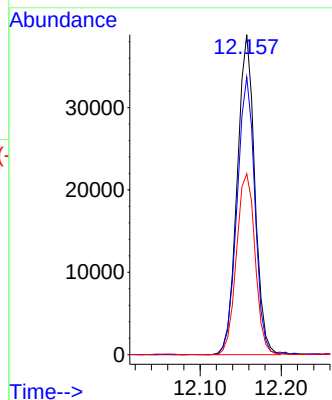
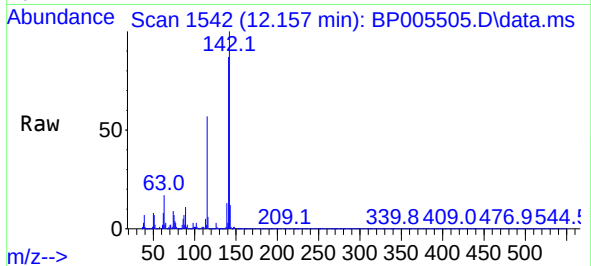


#37  
2-Methylnaphthalene  
Concen: 37.62 ng  
RT: 12.157 min Scan# 1542  
Delta R.T. 0.000 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39

Tgt Ion:142 Resp: 58196  
Ion Ratio Lower Upper  
142 100  
141 86.8 74.7 112.1  
115 56.5 43.8 65.8

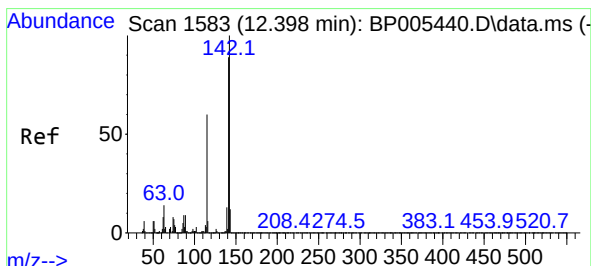
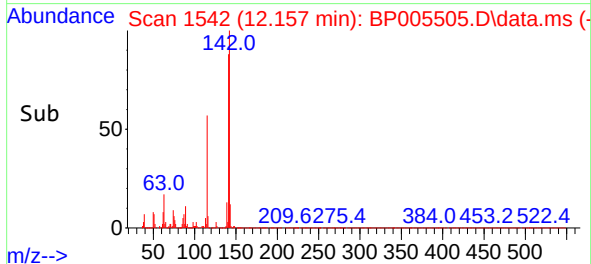
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ClientSampleId :  
PB136299BS

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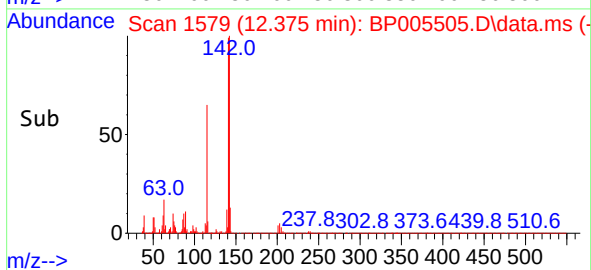
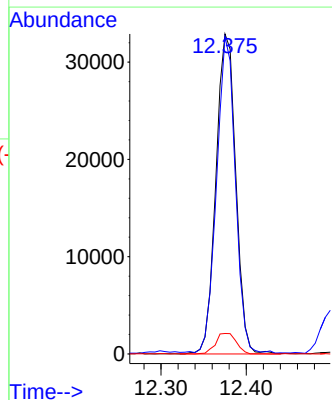
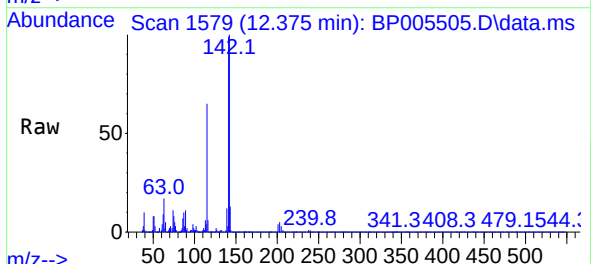
Sohil

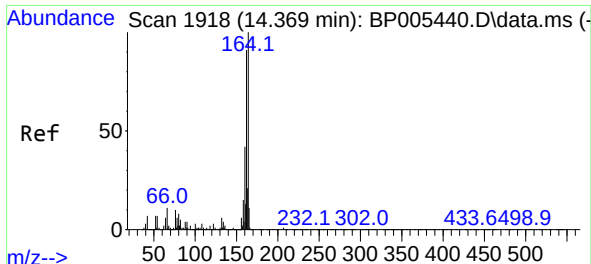
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#38  
1-Methylnaphthalene  
Concen: 36.40 ng  
RT: 12.375 min Scan# 1579  
Delta R.T. 0.000 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39

Tgt Ion:142 Resp: 53162  
Ion Ratio Lower Upper  
142 100  
141 99.2 77.0 115.6  
116 6.4 5.0 7.6



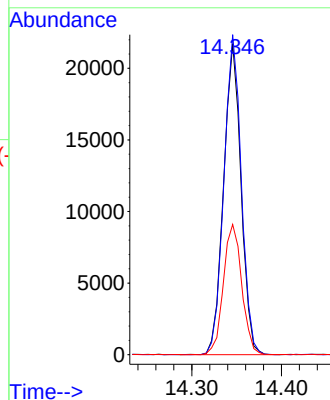
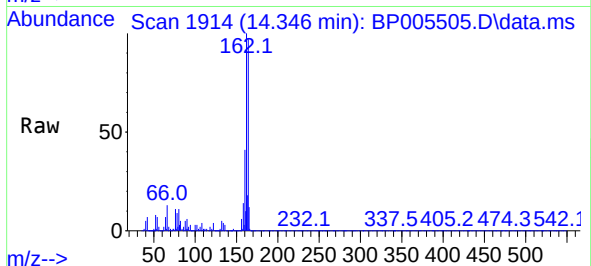


#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.346 min Scan# 1914  
Delta R.T. 0.006 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 164   | Resp: | 29260 |
| Ion Ratio | Lower | Upper |       |
| 164       | 100   |       |       |
| 162       | 102.9 | 73.5  | 110.3 |
| 160       | 41.9  | 40.6  | 61.0  |

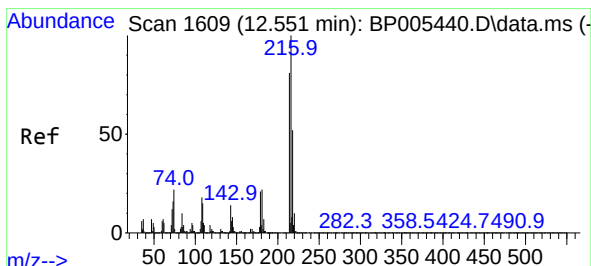
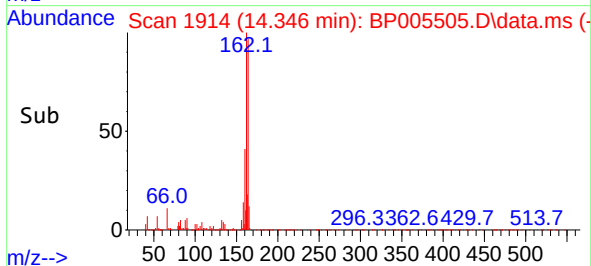
Instrument :  
BNA\_P  
ClientSampleId :  
PB136299BS

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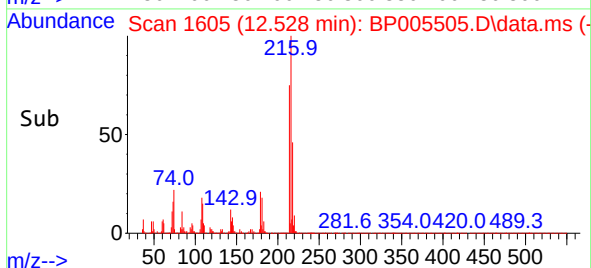
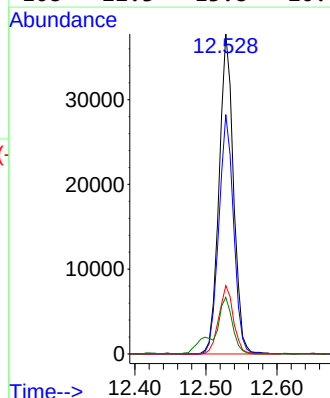
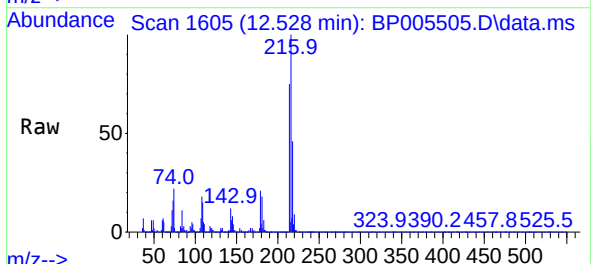
Sohil

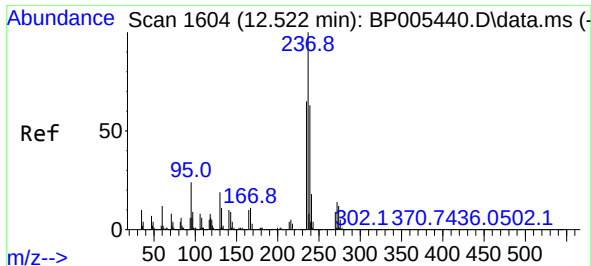
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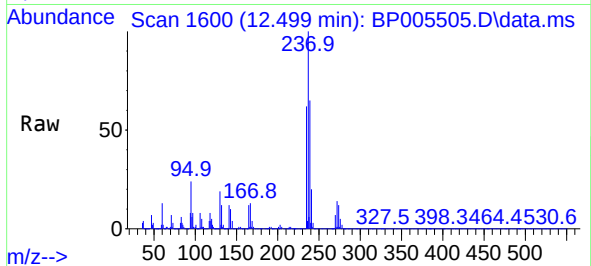
#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 39.40 ng  
RT: 12.528 min Scan# 1605  
Delta R.T. 0.000 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 216   | Resp: | 52964 |
| Ion Ratio | Lower | Upper |       |
| 216       | 100   |       |       |
| 214       | 76.4  | 60.6  | 91.0  |
| 179       | 21.6  | 15.3  | 22.9  |
| 108       | 22.3  | 13.8  | 20.6  |

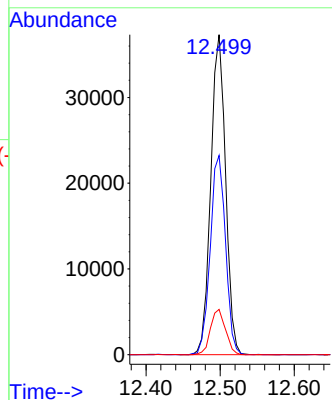
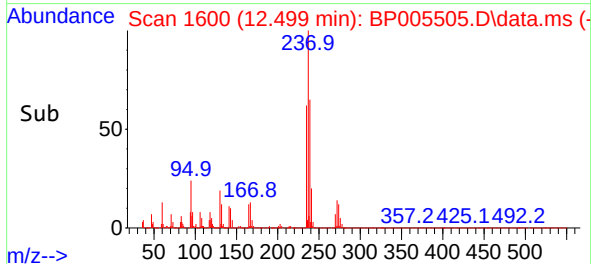




#41  
Hexachlorocyclopentadiene  
Concen: 90.23 ng  
RT: 12.499 min Scan# 1600  
Delta R.T. 0.000 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 237   | Resp: | 51630 |
| Ion Ratio | Lower | Upper |       |
| 237       | 100   |       |       |
| 235       | 62.3  | 40.9  | 80.9  |
| 272       | 14.2  | 0.0   | 34.6  |

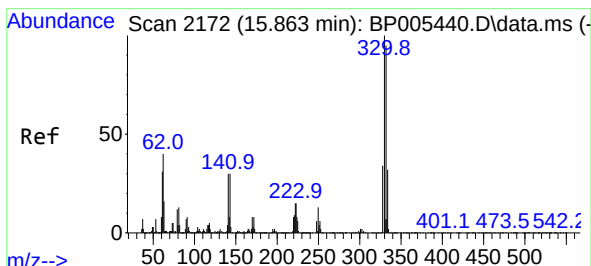


Instrument :  
BNA\_P  
ClientSampleId :  
PB136299BS

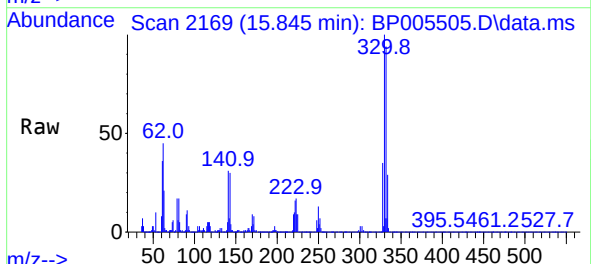
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Sohil

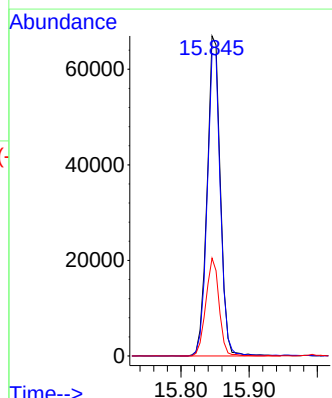
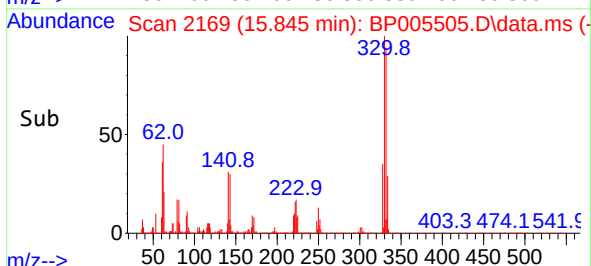
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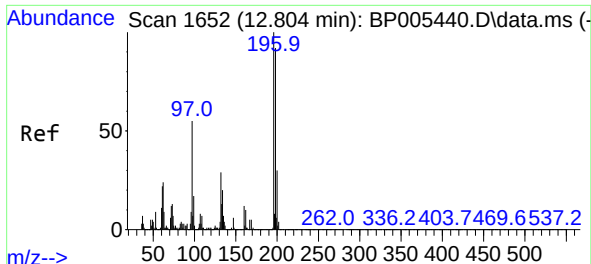
#42  
2,4,6-Tribromophenol  
Concen: 108.74 ng  
RT: 15.845 min Scan# 2169  
Delta R.T. 0.006 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 330   | Resp: | 90292 |
| Ion Ratio | Lower | Upper |       |
| 330       | 100   |       |       |
| 332       | 95.1  | 76.3  | 114.5 |
| 141       | 30.5  | 22.8  | 34.2  |





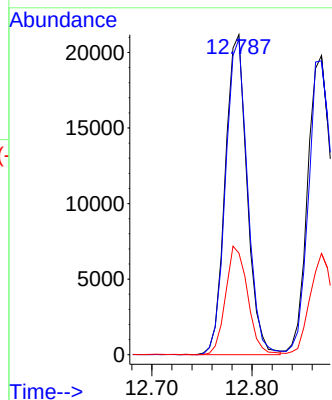
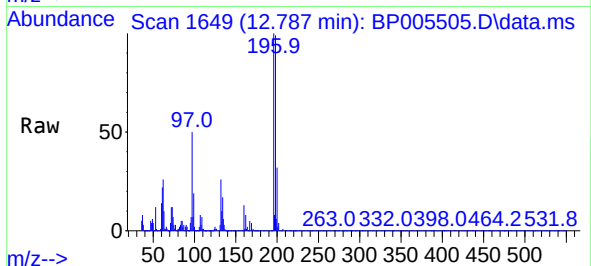


#43  
2,4,6-Trichlorophenol  
Concen: 38.16 ng  
RT: 12.787 min Scan# 1649  
Delta R.T. 0.006 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 196   | Resp: | 32050 |
| Ion Ratio | Lower | Upper |       |
| 196       | 100   |       |       |
| 198       | 98.7  | 81.4  | 122.2 |
| 200       | 31.7  | 28.2  | 42.2  |

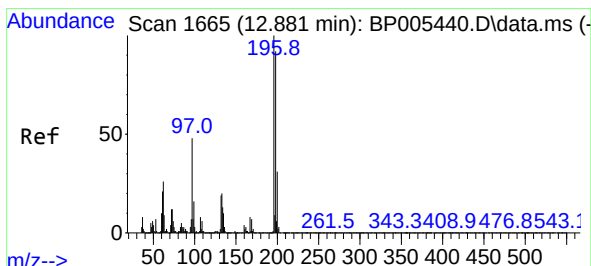
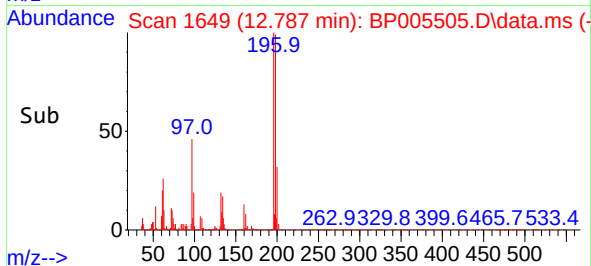
Instrument :  
BNA\_P  
ClientSampleId :  
PB136299BS

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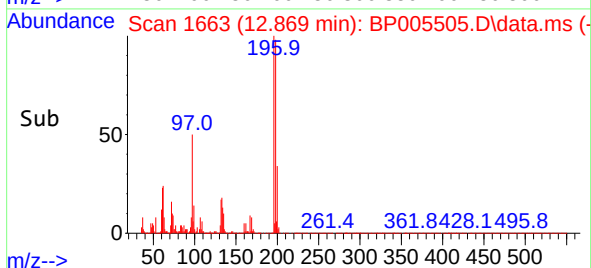
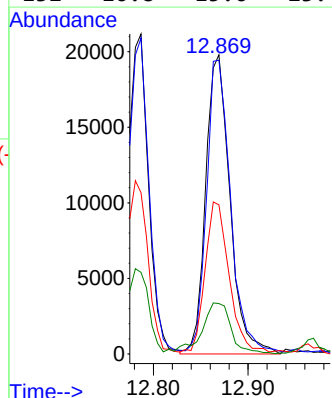
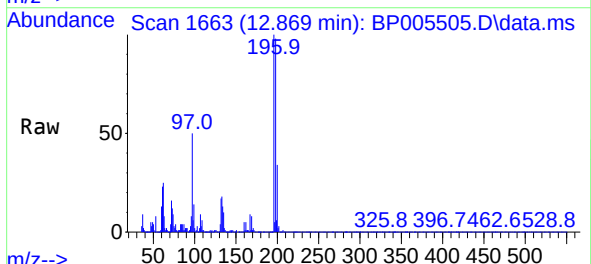
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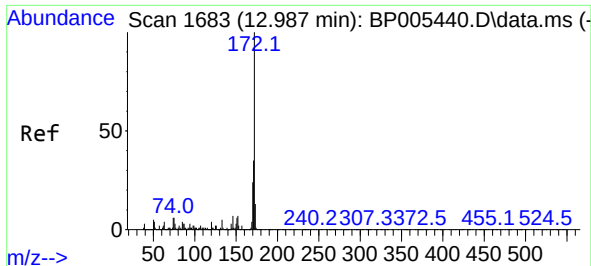
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#44  
2,4,5-Trichlorophenol  
Concen: 38.94 ng  
RT: 12.869 min Scan# 1663  
Delta R.T. 0.012 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 196   | Resp: | 35296 |
| Ion Ratio | Lower | Upper |       |
| 196       | 100   |       |       |
| 198       | 98.2  | 71.0  | 106.4 |
| 97        | 49.8  | 38.5  | 57.7  |
| 132       | 16.8  | 15.6  | 23.4  |



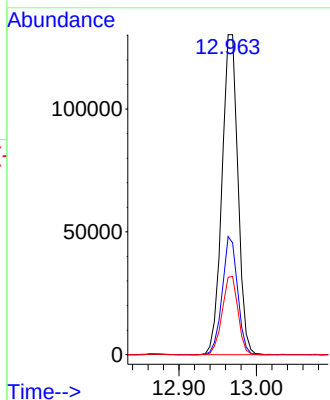
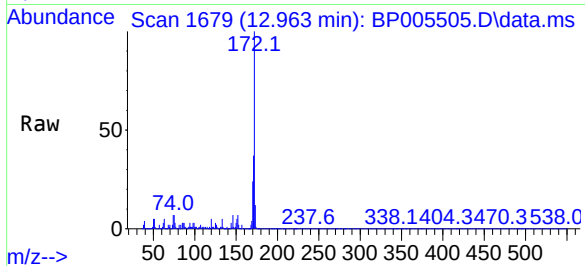


#45  
2-Fluorobiphenyl  
Concen: 71.91 ng  
RT: 12.963 min Scan# 1679  
Delta R.T. -0.006 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 172   | Resp: | 186535 |
| Ion Ratio | Lower | Upper |        |
| 172       | 100   |       |        |
| 171       | 36.9  | 28.1  | 42.1   |
| 170       | 24.2  | 19.6  | 29.4   |

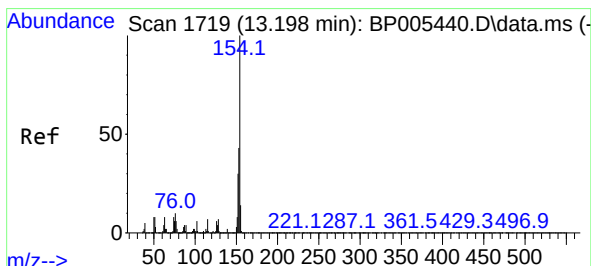
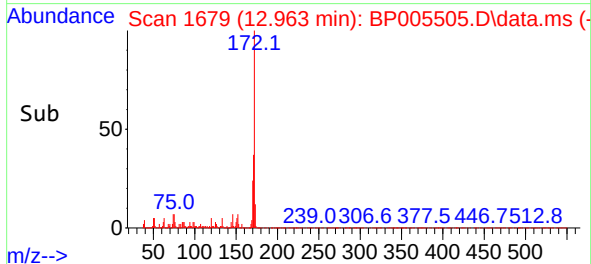
Instrument :  
BNA\_P  
ClientSampleId :  
PB136299BS

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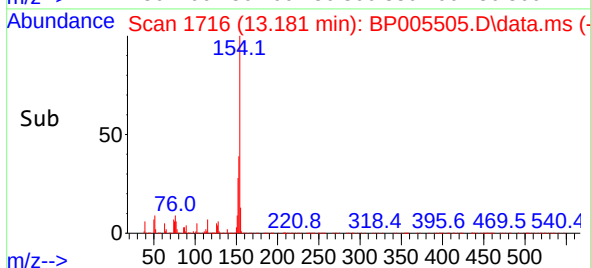
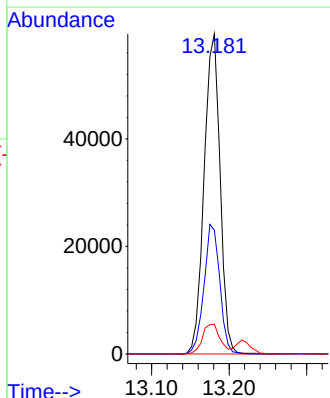
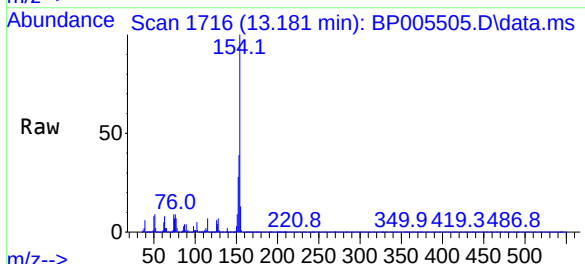
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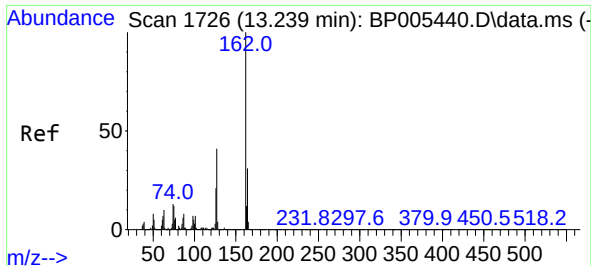
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#46  
1,1'-Biphenyl  
Concen: 37.82 ng  
RT: 13.181 min Scan# 1716  
Delta R.T. 0.006 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 154   | Resp: | 85196 |
| Ion Ratio | Lower | Upper |       |
| 154       | 100   |       |       |
| 153       | 38.7  | 18.9  | 58.9  |
| 76        | 9.3   | 0.0   | 32.1  |



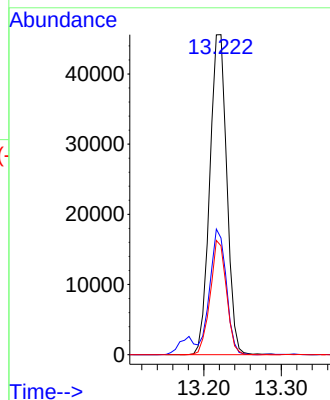
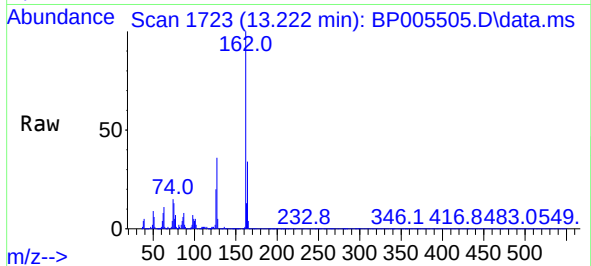


#47  
2-Chloronaphthalene  
Concen: 37.10 ng  
RT: 13.222 min Scan# 1723  
Delta R.T. 0.006 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 162   | Resp: | 69599 |
| Ion Ratio | Lower | Upper |       |
| 162       | 100   |       |       |
| 127       | 36.4  | 31.4  | 47.0  |
| 164       | 34.0  | 26.6  | 39.8  |

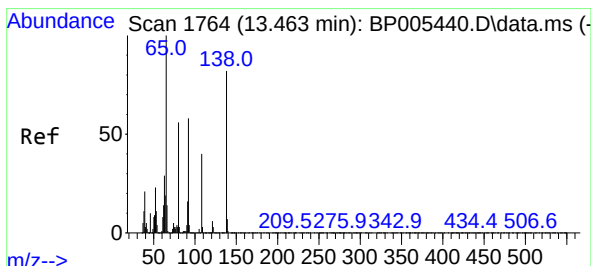
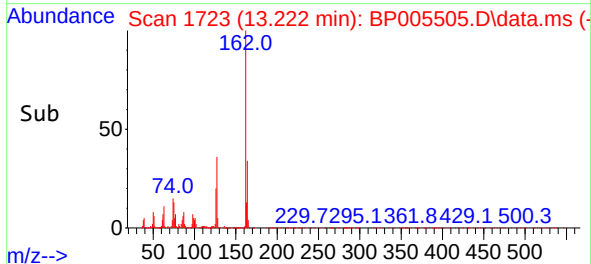
Instrument :  
BNA\_P  
ClientSampleId :  
PB136299BS

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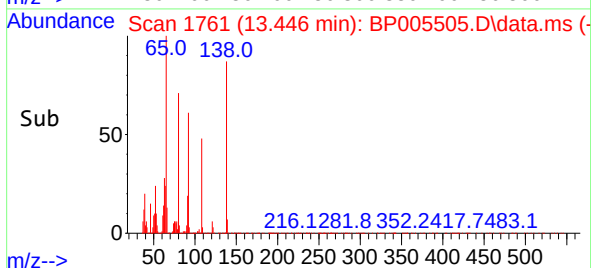
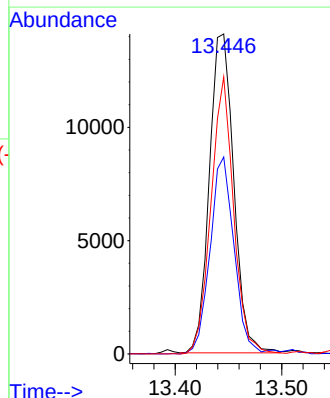
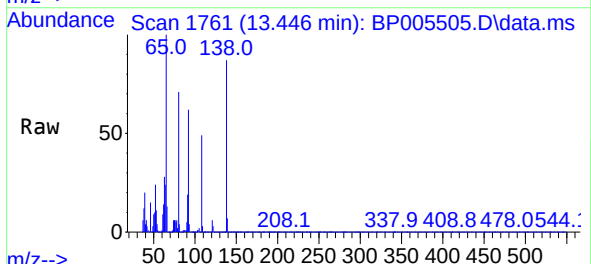
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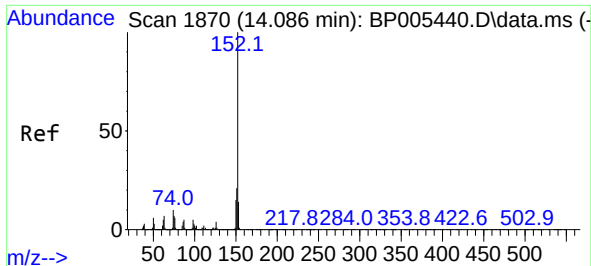
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#48  
2-Nitroaniline  
Concen: 41.99 ng  
RT: 13.446 min Scan# 1761  
Delta R.T. 0.006 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 65    | Resp: | 22376 |
| Ion Ratio | Lower | Upper |       |
| 65        | 100   |       |       |
| 92        | 61.6  | 48.8  | 73.2  |
| 138       | 86.6  | 69.5  | 104.3 |



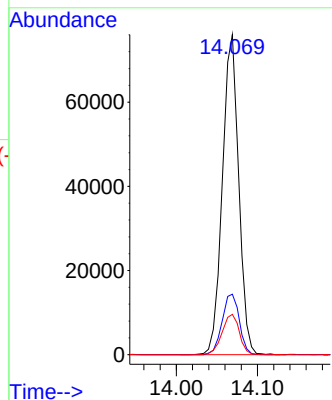
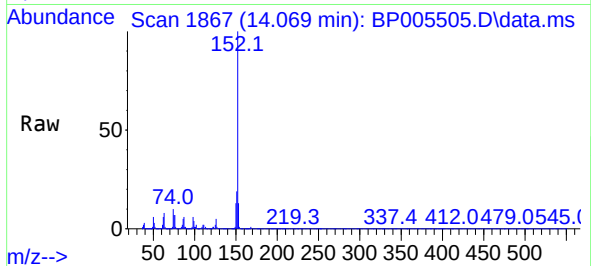


#49  
Acenaphthylene  
Concen: 39.39 ng  
RT: 14.069 min Scan# 1867  
Delta R.T. 0.006 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 106444 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 18.9  | 15.8  | 23.6   |
| 153       | 12.6  | 10.5  | 15.7   |

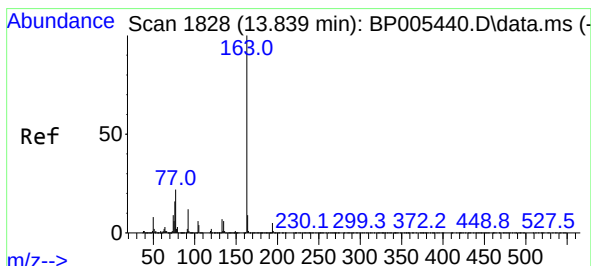
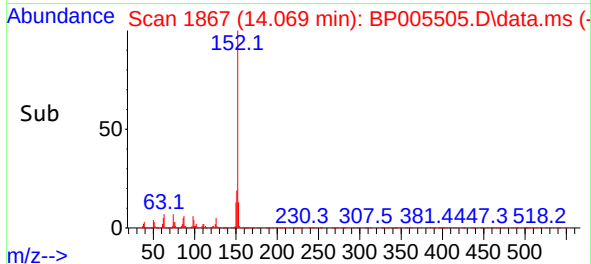
Instrument :  
BNA\_P  
ClientSampleId :  
PB136299BS

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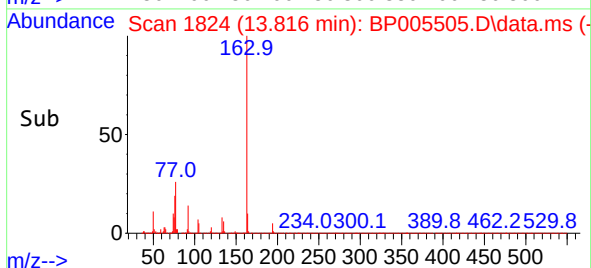
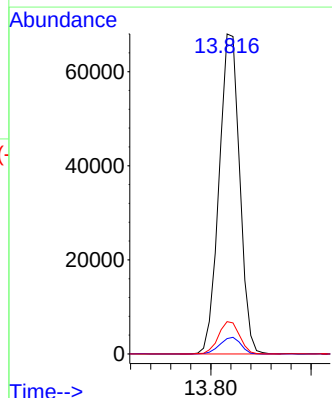
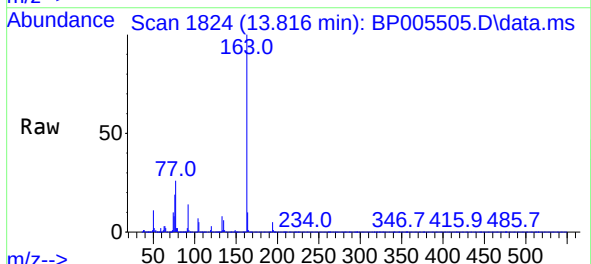
Sohil

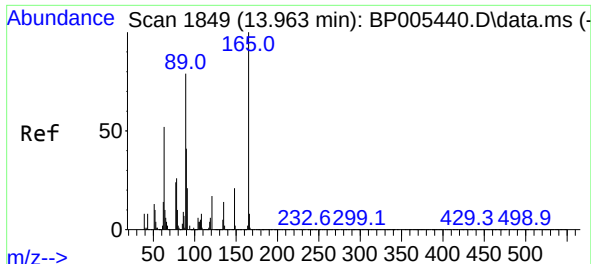
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#50  
Dimethylphthalate  
Concen: 38.31 ng  
RT: 13.816 min Scan# 1824  
Delta R.T. 0.000 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39

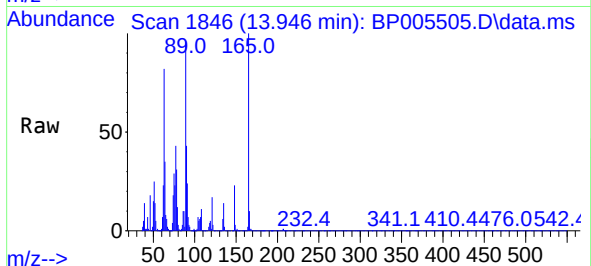
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 163   | Resp: | 96774 |
| Ion Ratio | Lower | Upper |       |
| 163       | 100   |       |       |
| 194       | 4.8   | 3.9   | 5.9   |
| 164       | 10.1  | 8.1   | 12.1  |





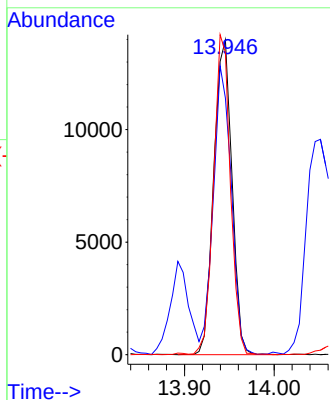
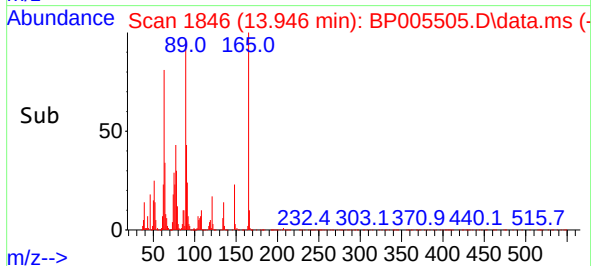
#51  
2,6-Dinitrotoluene  
Concen: 34.65 ng  
RT: 13.946 min Scan# 1846  
Delta R.T. 0.006 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39

Instrument :  
BNA\_P  
ClientSampleId :  
PB136299BS



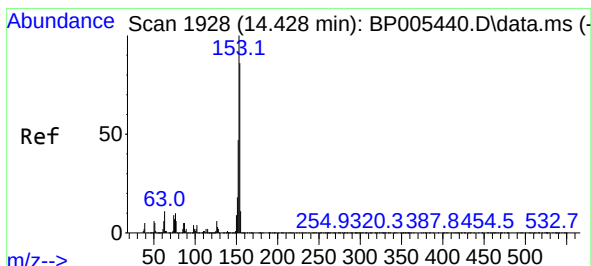
Tgt Ion:165 Resp: 19653  
Ion Ratio Lower Upper  
165 100  
63 81.5 67.4 101.0  
89 96.0 73.8 110.6

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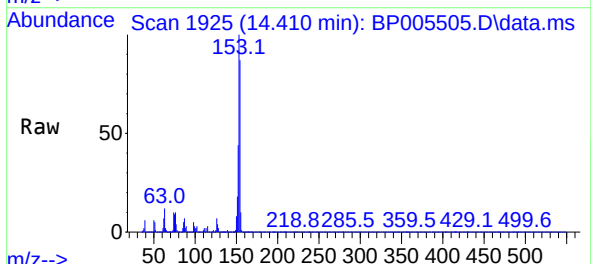


Sohil

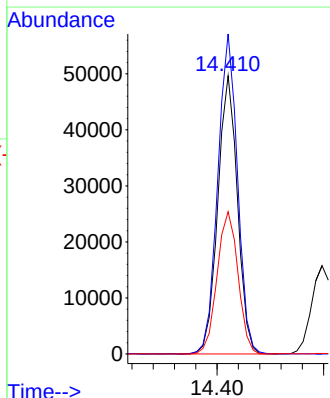
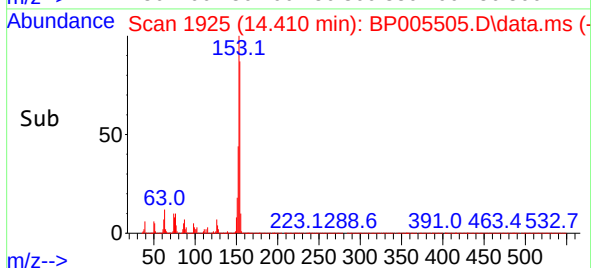
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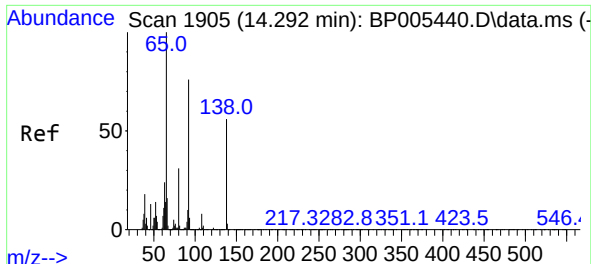


#52  
Acenaphthene  
Concen: 37.76 ng  
RT: 14.410 min Scan# 1925  
Delta R.T. 0.000 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39



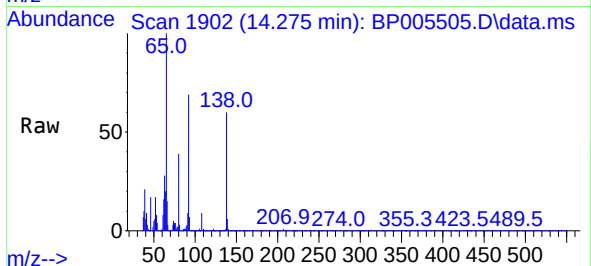
Tgt Ion:154 Resp: 63486  
Ion Ratio Lower Upper  
154 100  
153 115.0 90.9 136.3  
152 51.1 48.5 72.7





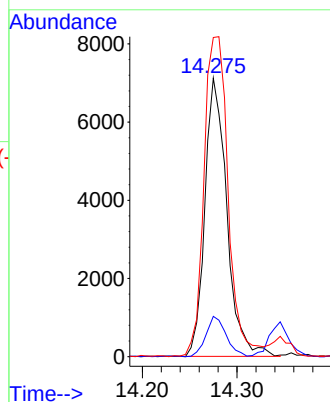
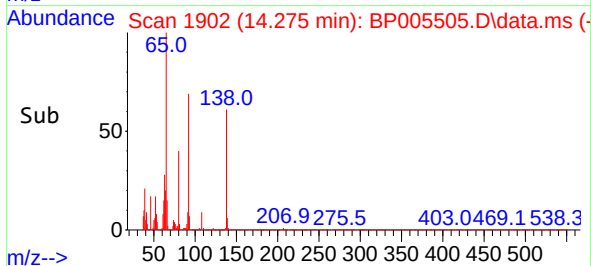
#53  
3-Nitroaniline  
Concen: 28.28 ng  
RT: 14.275 min Scan# 1902  
Delta R.T. 0.000 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39

Instrument :  
BNA\_P  
ClientSampleId :  
PB136299BS



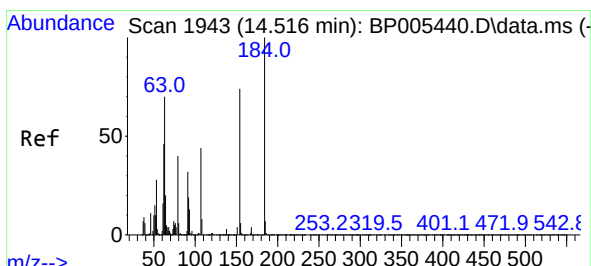
Tgt Ion:138 Resp: 11493  
Ion Ratio Lower Upper  
138 100  
108 14.5 10.2 15.4  
92 114.6 108.1 162.1

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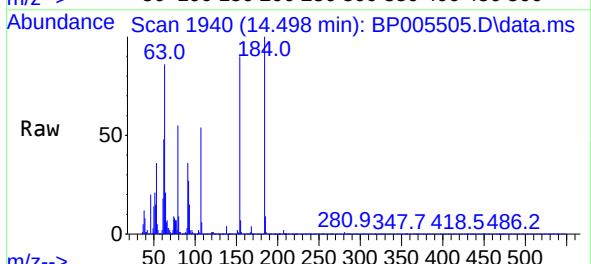


Sohil

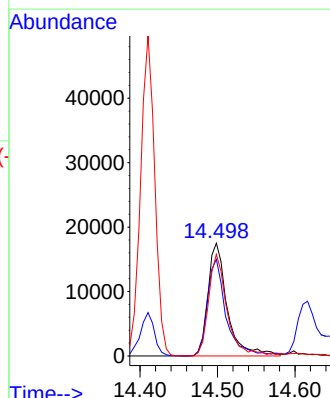
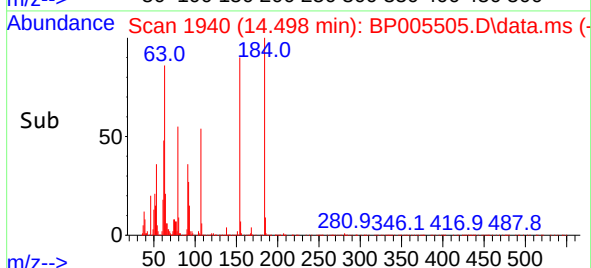
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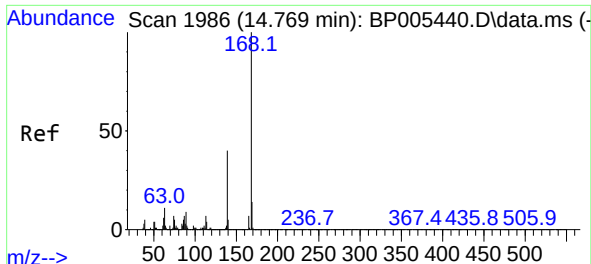


#54  
2,4-Dinitrophenol  
Concen: 87.79 ng  
RT: 14.498 min Scan# 1940  
Delta R.T. 0.006 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39

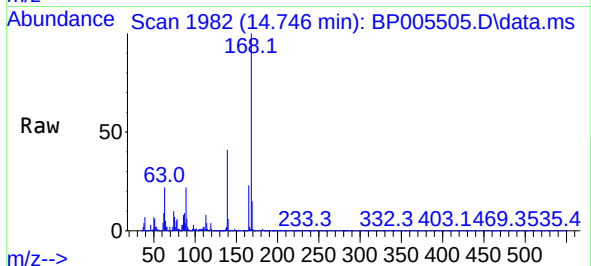


Tgt Ion:184 Resp: 30035  
Ion Ratio Lower Upper  
184 100  
63 85.7 51.2 76.8#  
154 90.1 55.8 83.8#

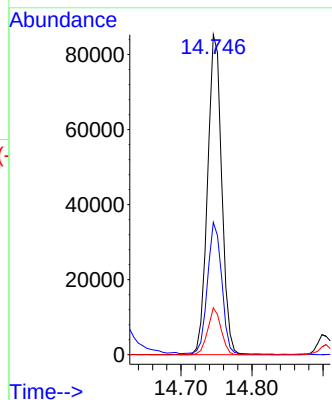




#55  
Dibenzofuran  
Concen: 37.42 ng  
RT: 14.746 min Scan# 1982  
Delta R.T. 0.000 min  
Lab File: BP005505.D  
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Tgt Ion:168 Resp: 118344  
Ion Ratio Lower Upper  
168 100  
139 41.3 31.4 47.0  
169 14.6 11.4 17.0

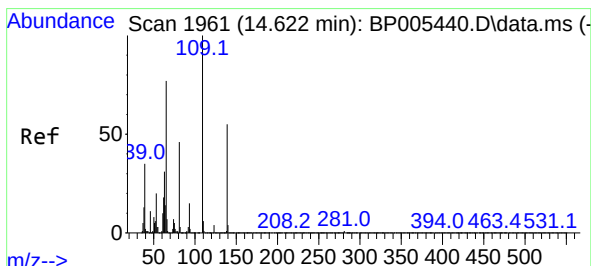
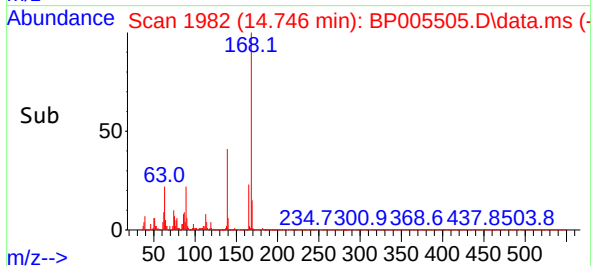


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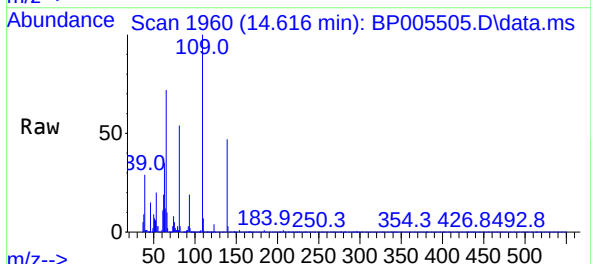
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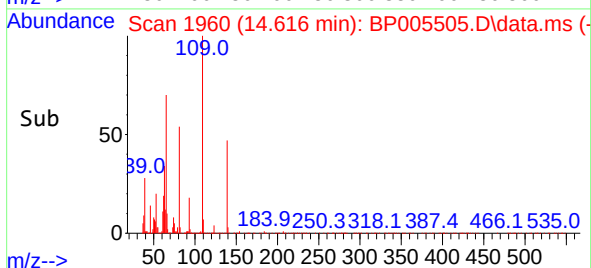
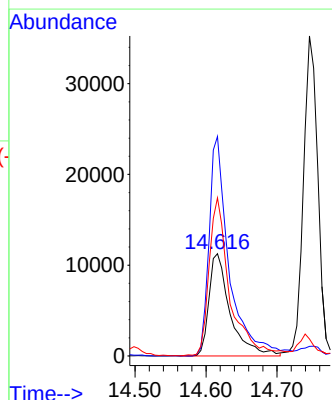
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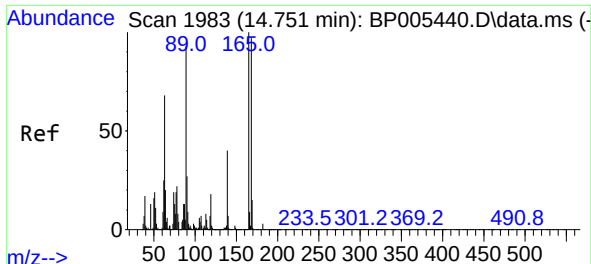


#56  
4-Nitrophenol  
Concen: 76.48 ng  
RT: 14.616 min Scan# 1960  
Delta R.T. 0.006 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39



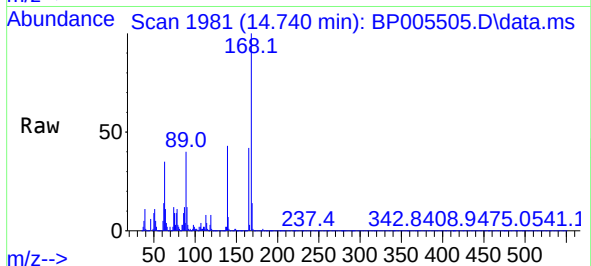
Tgt Ion:139 Resp: 23461  
Ion Ratio Lower Upper  
139 100  
109 214.8 122.8 162.8#  
65 154.8 110.0 150.0#





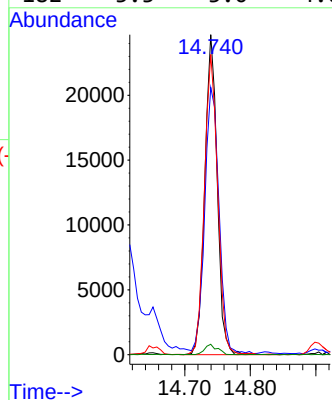
#57  
2,4-Dinitrotoluene  
Concen: 38.95 ng  
RT: 14.740 min Scan# 1981  
Delta R.T. 0.006 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39

Instrument :  
BNA\_P  
ClientSampleId :  
PB136299BS



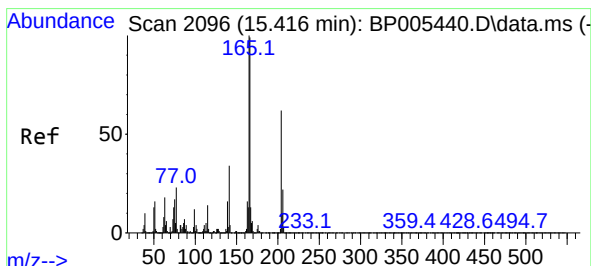
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 165   | Resp: | 32567 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 83.5  | 56.7  | 85.1  |
| 89        | 93.8  | 85.8  | 128.6 |
| 182       | 3.3   | 3.0   | 4.6   |

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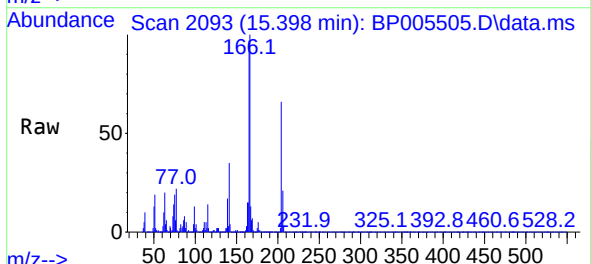


Sohil

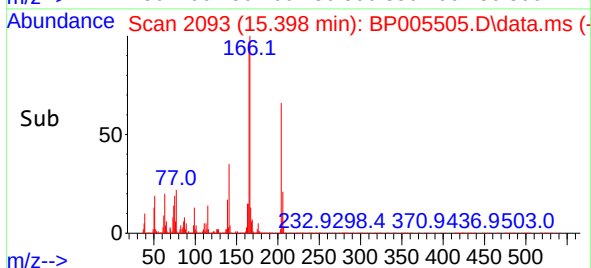
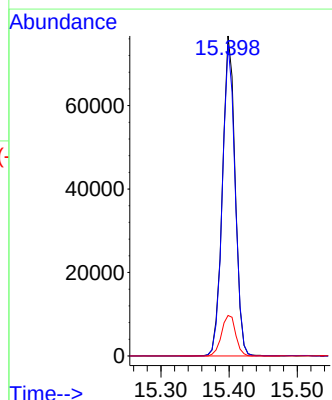
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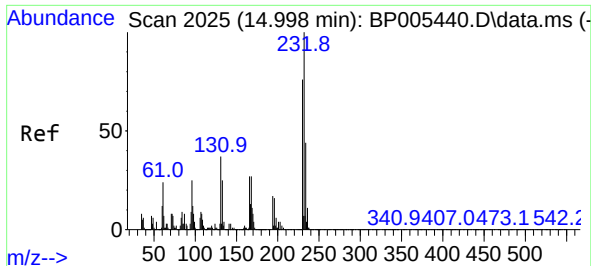
#58  
Fluorene  
Concen: 38.47 ng  
RT: 15.398 min Scan# 2093  
Delta R.T. 0.006 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 166   | Resp: | 99350 |
| Ion Ratio | Lower | Upper |       |
| 166       | 100   |       |       |
| 165       | 97.3  | 78.8  | 118.2 |
| 167       | 12.6  | 10.9  | 16.3  |





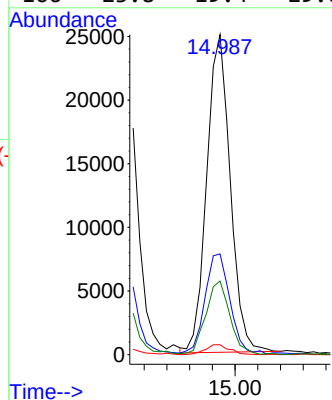
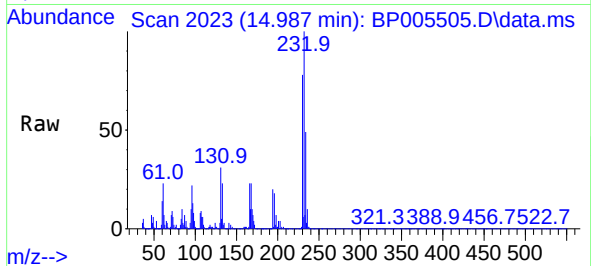


#59  
2,3,4,6-Tetrachlorophenol  
Concen: 39.61 ng  
RT: 14.987 min Scan# 2023  
Delta R.T. 0.006 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 232   | Resp: | 35902 |
| Ion Ratio | Lower | Upper |       |
| 232       | 100   |       |       |
| 131       | 32.8  | 26.5  | 39.7  |
| 130       | 3.3   | 2.1   | 3.1#  |
| 166       | 23.8  | 19.4  | 29.0  |

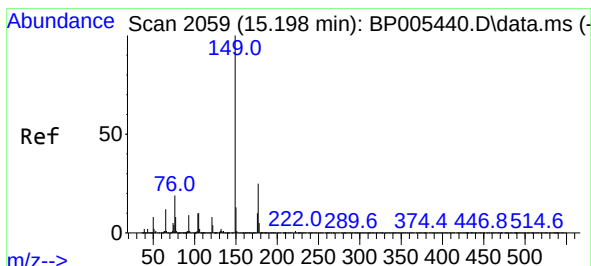
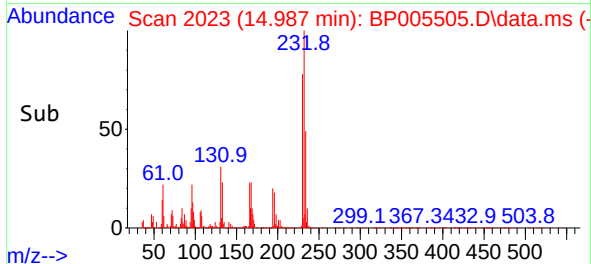
Instrument :  
BNA\_P  
ClientSampleId :  
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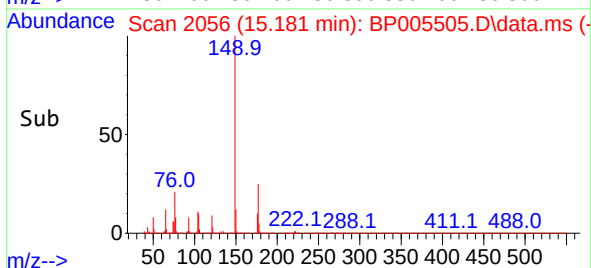
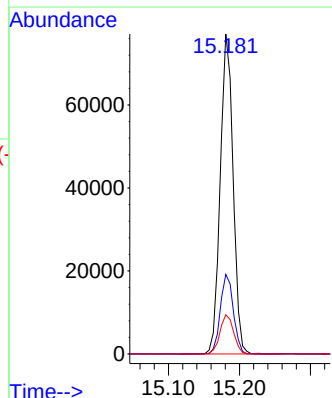
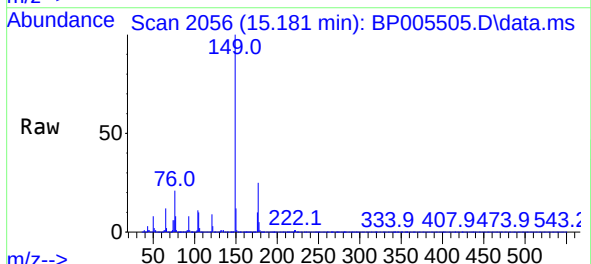
Sohil

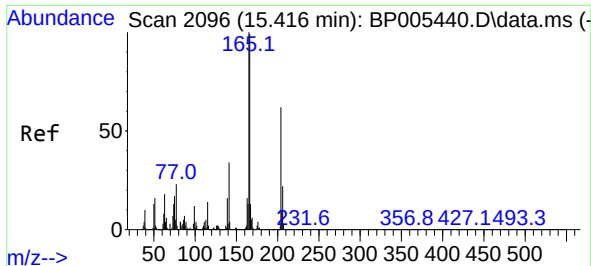
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#60  
Diethylphthalate  
Concen: 39.35 ng  
RT: 15.181 min Scan# 2056  
Delta R.T. 0.000 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 149   | Resp: | 96266 |
| Ion Ratio | Lower | Upper |       |
| 149       | 100   |       |       |
| 177       | 24.8  | 19.2  | 28.8  |
| 150       | 12.3  | 9.9   | 14.9  |



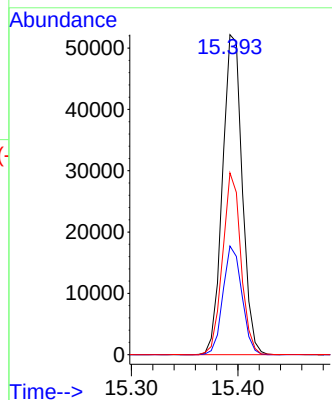
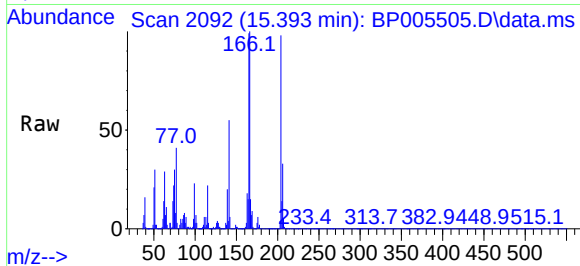


#61  
4-Chlorophenyl-phenylether  
Concen: 41.27 ng  
RT: 15.393 min Scan# 2092  
Delta R.T. 0.000 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 204   | Resp: | 66694 |
| Ion      | Ratio | Lower | Upper |
| 204      | 100   |       |       |
| 206      | 34.0  | 26.0  | 39.0  |
| 141      | 56.8  | 44.2  | 66.2  |

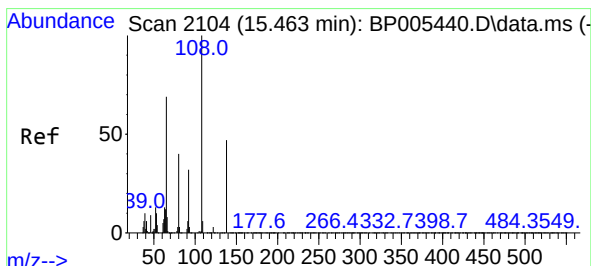
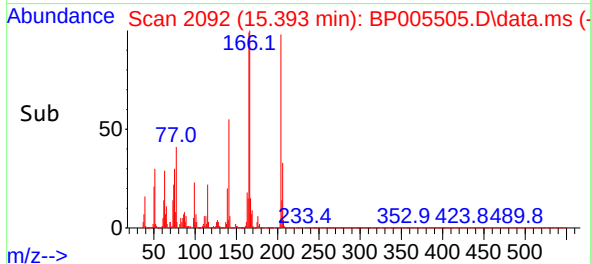
Instrument :  
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ClientSampleId :  
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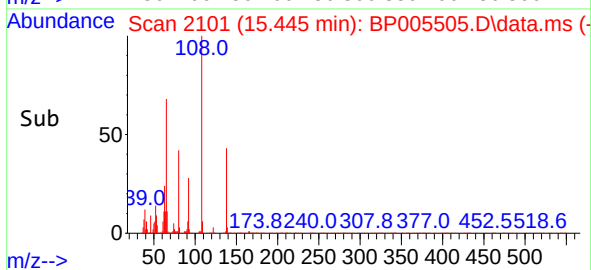
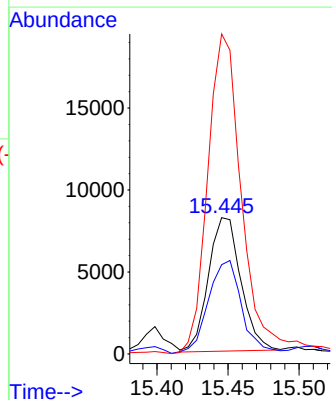
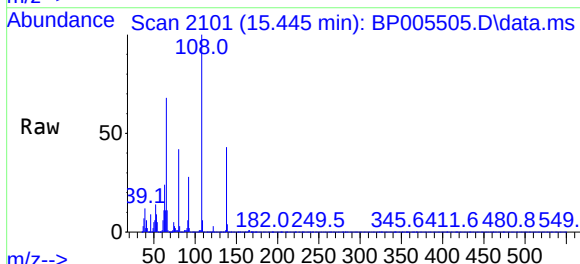
Sohil

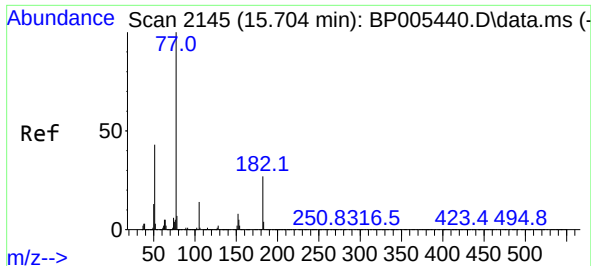
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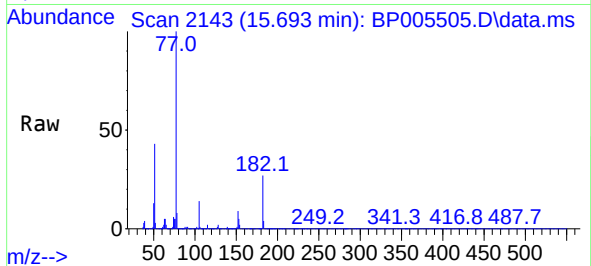
#62  
4-Nitroaniline  
Concen: 33.25 ng  
RT: 15.445 min Scan# 2101  
Delta R.T. 0.006 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 138   | Resp: | 12982 |
| Ion      | Ratio | Lower | Upper |
| 138      | 100   |       |       |
| 92       | 65.6  | 50.9  | 90.9  |
| 108      | 234.8 | 154.7 | 194.7 |

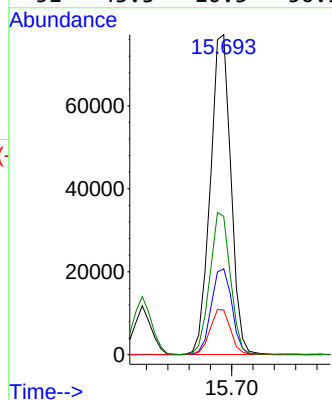




#63  
Azobenzene  
Concen: 40.97 ng  
RT: 15.693 min Scan# 2143  
Delta R.T. 0.006 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 77    | Resp: | 103308 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 182       | 26.8  | 5.5   | 45.5   |
| 105       | 14.0  | 0.0   | 36.5   |
| 51        | 43.3  | 10.3  | 50.3   |

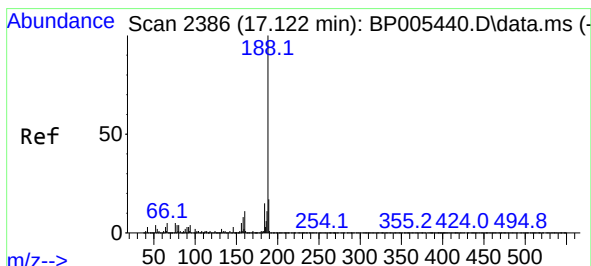
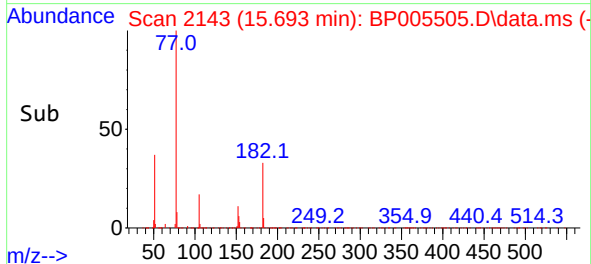


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ClientSampleId :  
PB136299BS

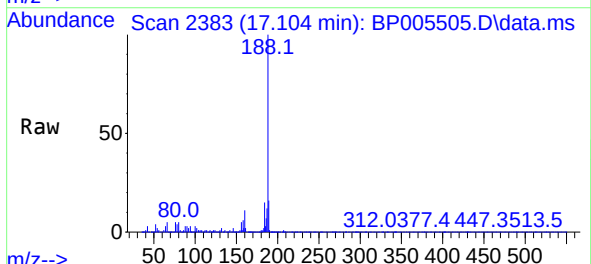
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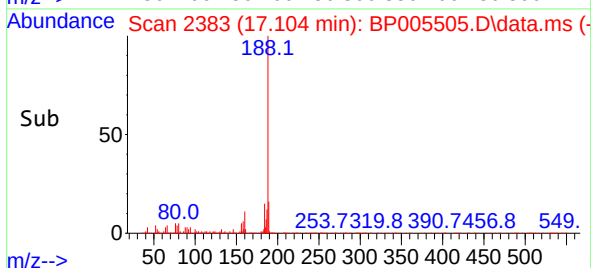
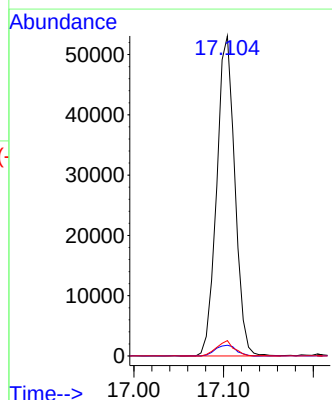
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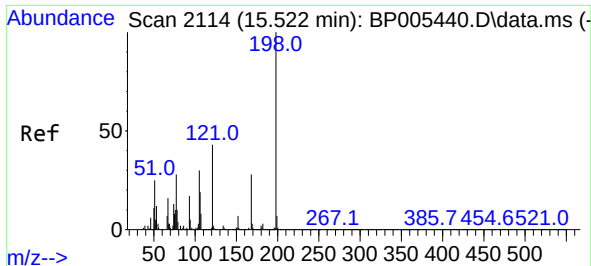


#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.104 min Scan# 2383  
Delta R.T. 0.006 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 188   | Resp: | 74433 |
| Ion Ratio | Lower | Upper |       |
| 188       | 100   |       |       |
| 94        | 3.7   | 5.0   | 7.6#  |
| 80        | 4.8   | 5.9   | 8.9#  |



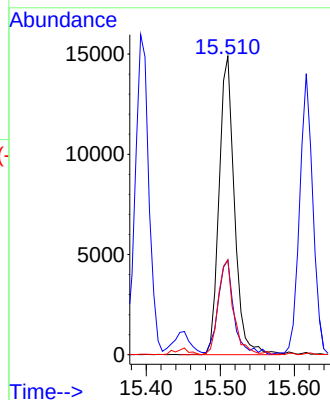
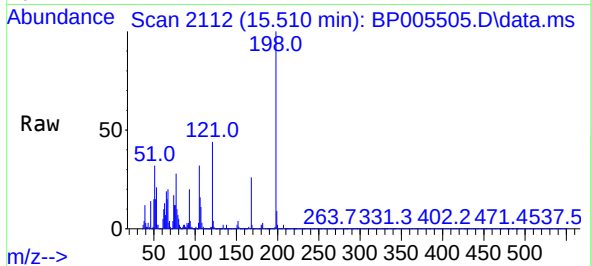


#65  
4,6-Dinitro-2-methylphenol  
Concen: 36.36 ng  
RT: 15.510 min Scan# 2112  
Delta R.T. 0.012 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 31.8  | 10.3  | 50.3  |
| 105     | 31.8  | 13.6  | 53.6  |

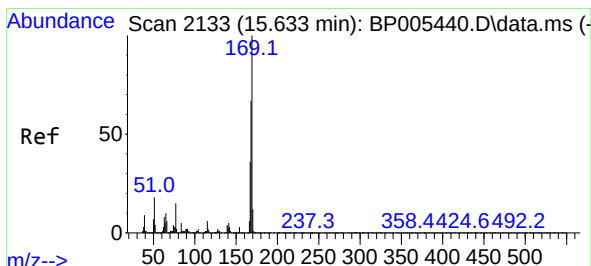
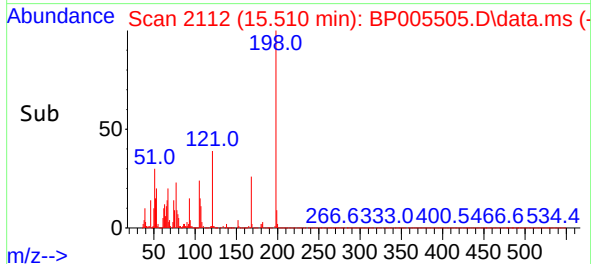
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ClientSampleId :  
PB136299BS

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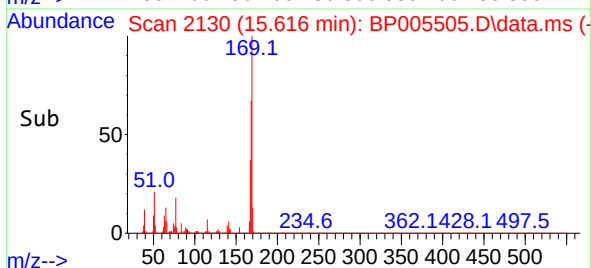
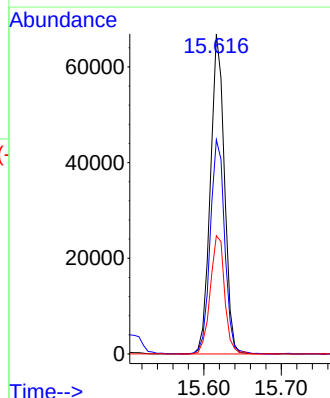
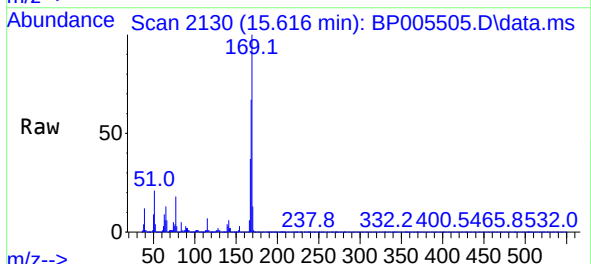
Sohil

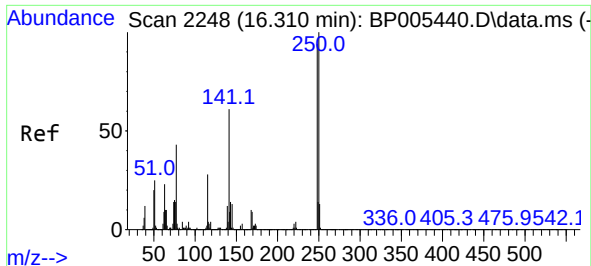
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#66  
n-Nitrosodiphenylamine  
Concen: 38.61 ng  
RT: 15.616 min Scan# 2130  
Delta R.T. 0.000 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 67.0  | 55.2  | 82.8  |
| 167     | 37.0  | 36.6  | 54.8  |



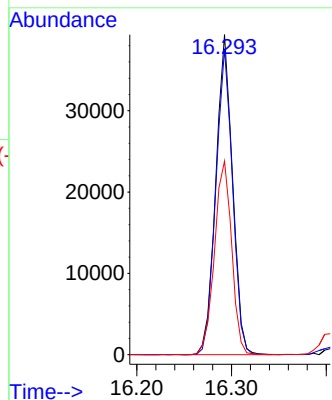
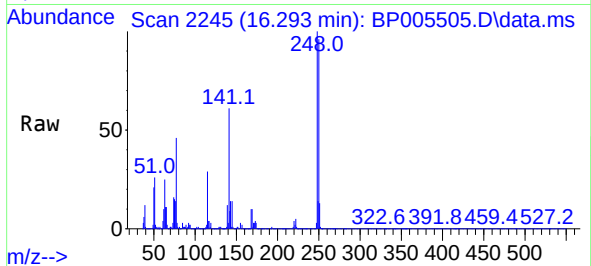


#67  
4-Bromophenyl-phenylether  
Concen: 41.73 ng  
RT: 16.293 min Scan# 2245  
Delta R.T. 0.006 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39

Instrument :  
BNA\_P  
ClientSampled :  
PB136299BS

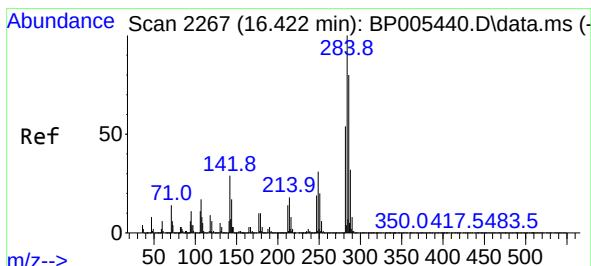
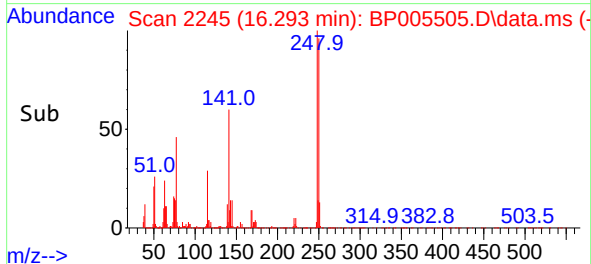
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 248   | Resp: | 48486 |
| Ion      | Ratio | Lower | Upper |
| 248      | 100   |       |       |
| 250      | 95.6  | 77.5  | 116.3 |
| 141      | 60.5  | 50.1  | 75.1  |

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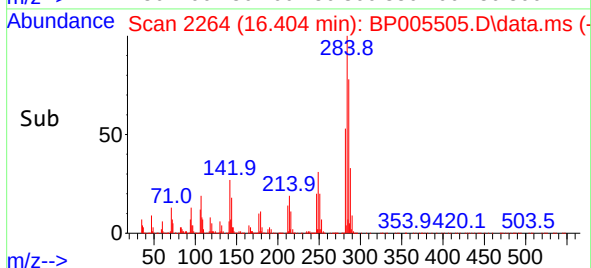
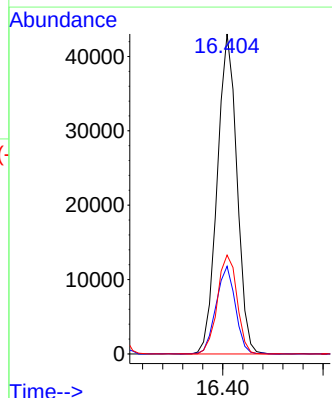
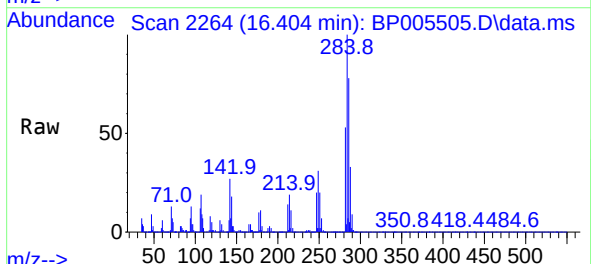
Sohil

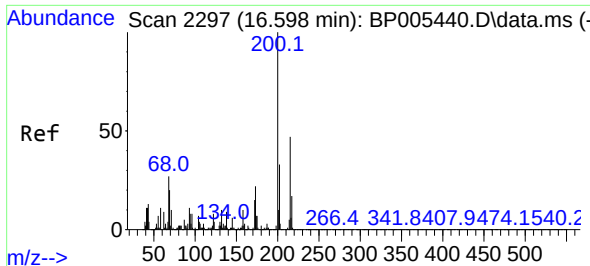
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#68  
Hexachlorobenzene  
Concen: 39.73 ng  
RT: 16.404 min Scan# 2264  
Delta R.T. 0.006 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 284   | Resp: | 58536 |
| Ion      | Ratio | Lower | Upper |
| 284      | 100   |       |       |
| 142      | 27.4  | 20.8  | 31.2  |
| 249      | 30.9  | 23.7  | 35.5  |



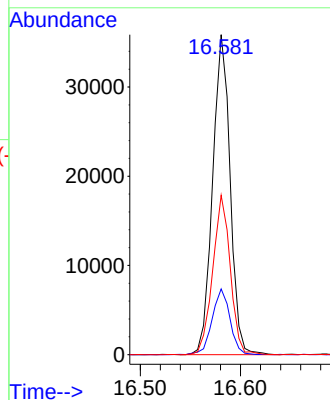
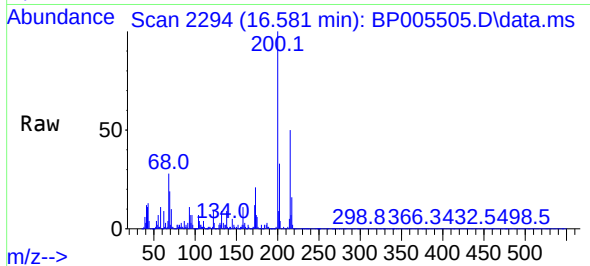


#69  
Atrazine  
Concen: 42.84 ng  
RT: 16.581 min Scan# 2294  
Delta R.T. 0.006 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 200   | Resp: | 43476 |
| Ion Ratio | Lower | Upper |       |
| 200       | 100   |       |       |
| 173       | 20.6  | 0.7   | 40.7  |
| 215       | 49.8  | 29.0  | 69.0  |

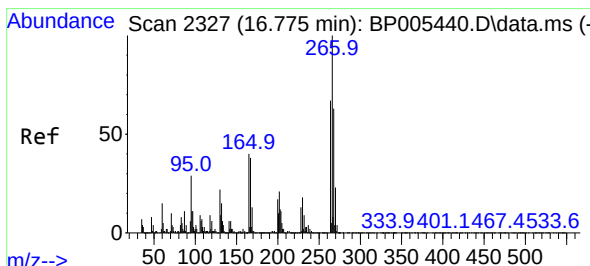
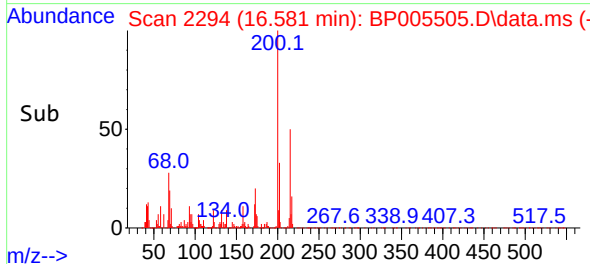
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ClientSampleId :  
PB136299BS

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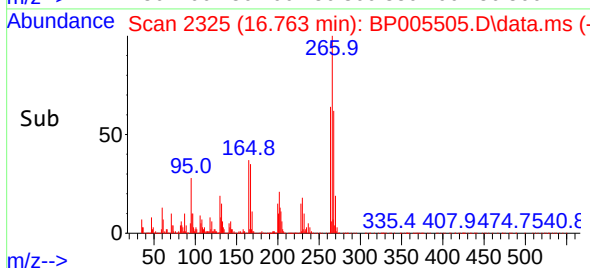
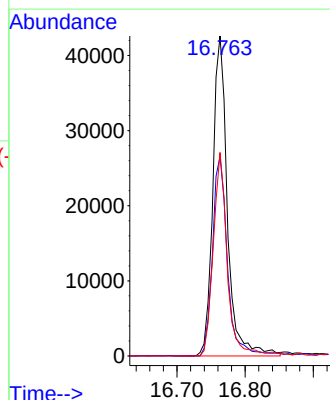
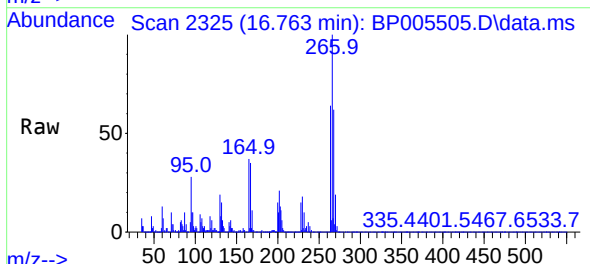
Sohil

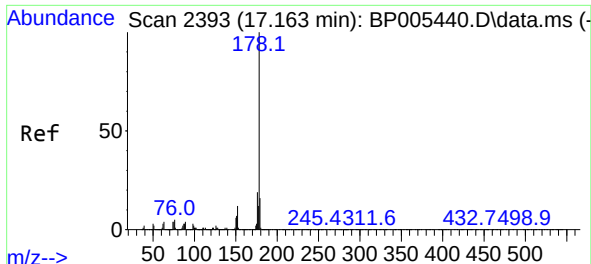
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#70  
Pentachlorophenol  
Concen: 81.31 ng  
RT: 16.763 min Scan# 2325  
Delta R.T. 0.006 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 266   | Resp: | 63567 |
| Ion Ratio | Lower | Upper |       |
| 266       | 100   |       |       |
| 268       | 62.5  | 49.4  | 74.0  |
| 264       | 63.6  | 53.7  | 80.5  |



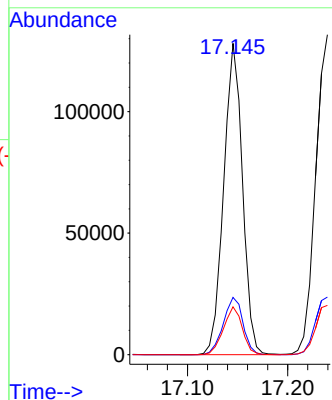
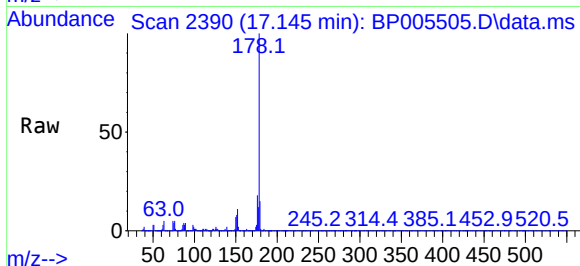


#71  
Phenanthrene  
Concen: 39.27 ng  
RT: 17.145 min Scan# 2390  
Delta R.T. 0.006 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 178   | Resp: | 166111 |
| Ion Ratio | Lower | Upper |        |
| 178       | 100   |       |        |
| 176       | 18.4  | 15.4  | 23.2   |
| 179       | 15.4  | 12.3  | 18.5   |

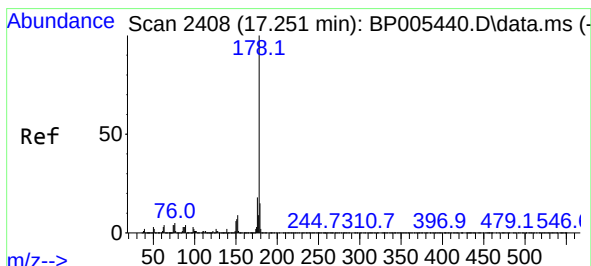
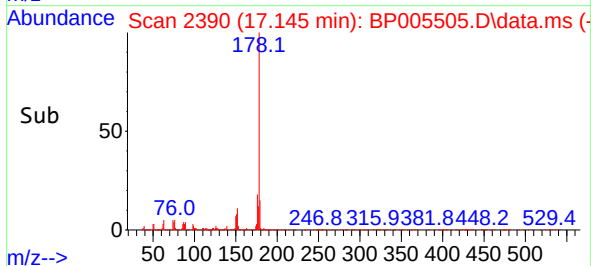
Instrument :  
BNA\_P  
ClientSampleId :  
PB136299BS

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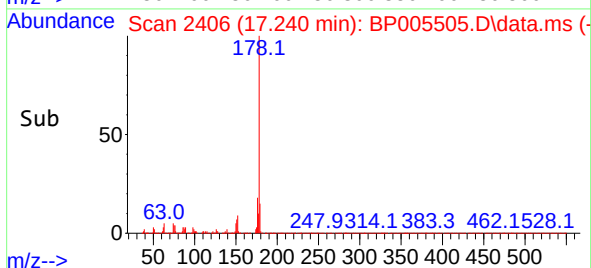
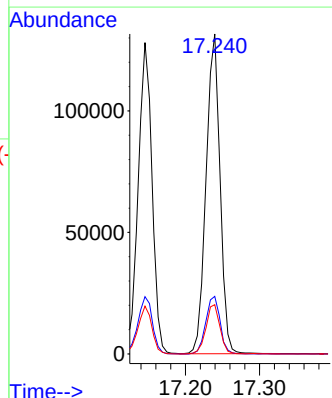
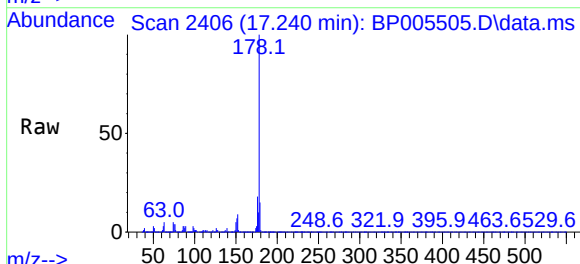
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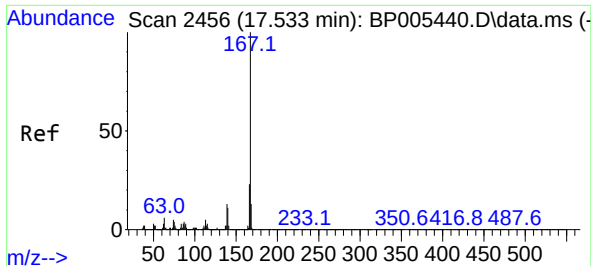
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#72  
Anthracene  
Concen: 41.07 ng  
RT: 17.240 min Scan# 2406  
Delta R.T. 0.012 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 178   | Resp: | 172371 |
| Ion Ratio | Lower | Upper |        |
| 178       | 100   |       |        |
| 176       | 18.0  | 15.2  | 22.8   |
| 179       | 15.4  | 12.6  | 19.0   |



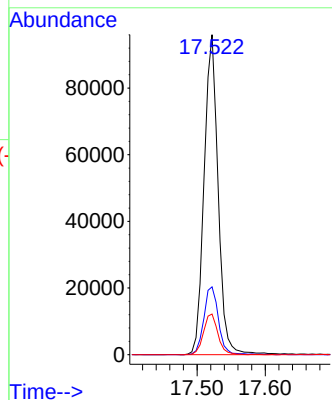
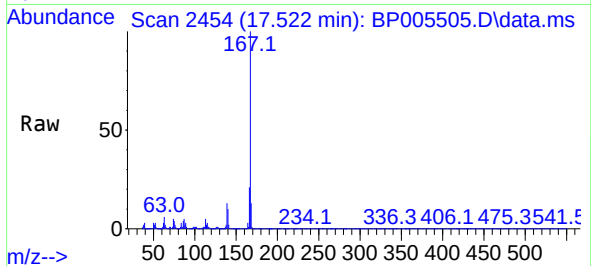


#73  
 Carbazole  
 Concen: 37.15 ng  
 RT: 17.522 min Scan# 2454  
 Delta R.T. 0.006 min  
 Lab File: BP005505.D  
 Acq: 12 May 2021 15:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 167   | Resp: | 137347 |
| Ion Ratio | Lower | Upper |        |
| 167       | 100   |       |        |
| 166       | 21.2  | 17.4  | 26.0   |
| 139       | 12.7  | 10.4  | 15.6   |

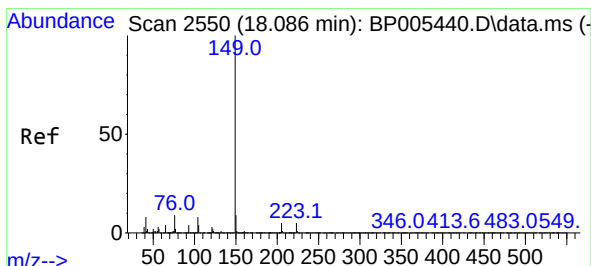
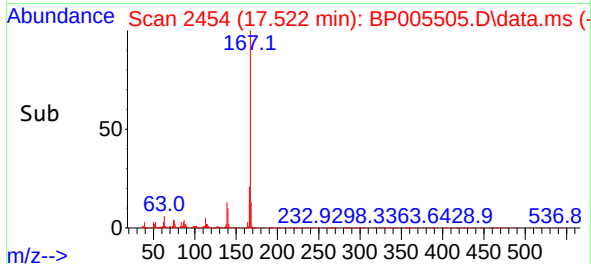
Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB136299BS

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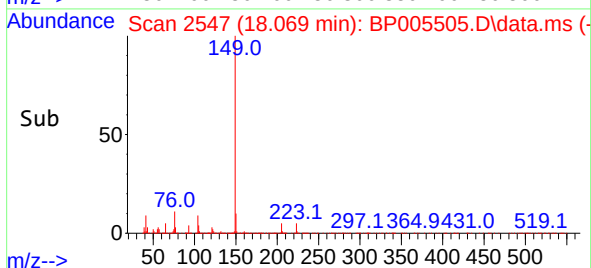
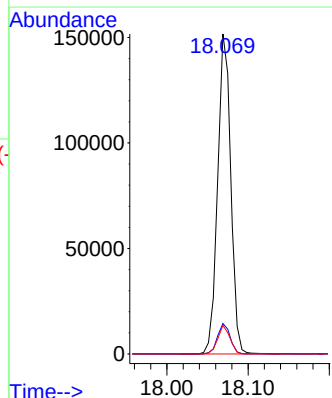
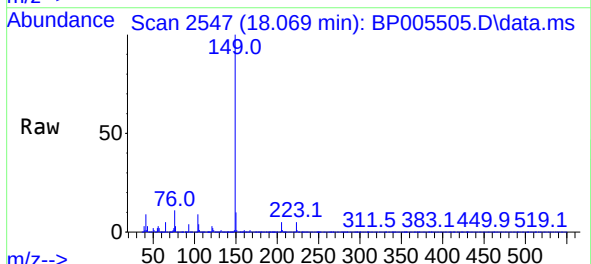
Sohil

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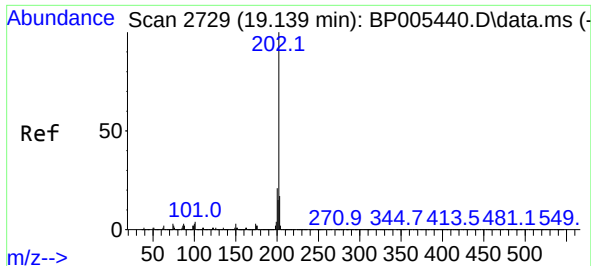


#74  
 Di-n-butylphthalate  
 Concen: 41.99 ng  
 RT: 18.069 min Scan# 2547  
 Delta R.T. 0.006 min  
 Lab File: BP005505.D  
 Acq: 12 May 2021 15:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 170385 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.5   | 7.6   | 11.4   |
| 104       | 9.0   | 8.9   | 13.3   |

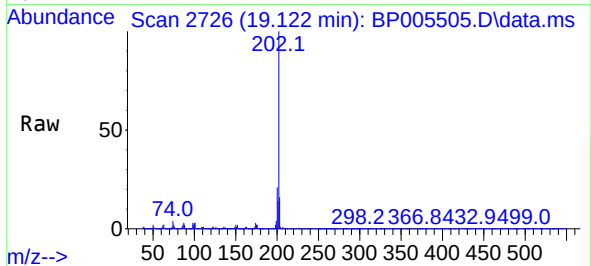






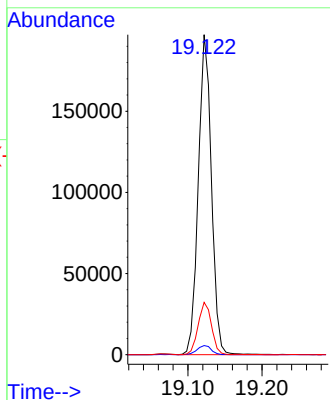
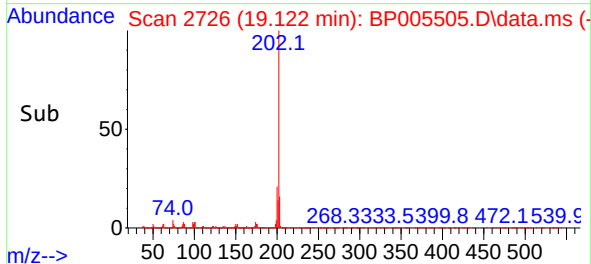
#75  
Fluoranthene  
Concen: 41.57 ng  
RT: 19.122 min Scan# 2726  
Delta R.T. 0.006 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39

Instrument :  
BNA\_P  
ClientSampleId :  
PB136299BS



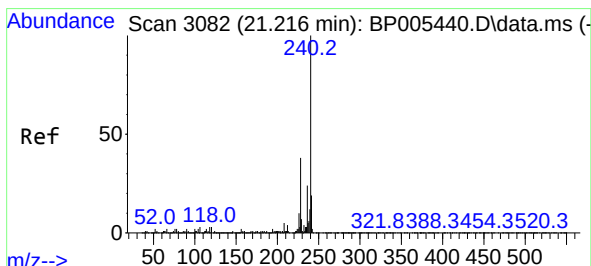
Tgt Ion:202 Resp: 241805  
Ion Ratio Lower Upper  
202 100  
101 2.9 0.0 26.1  
203 16.4 0.0 37.2

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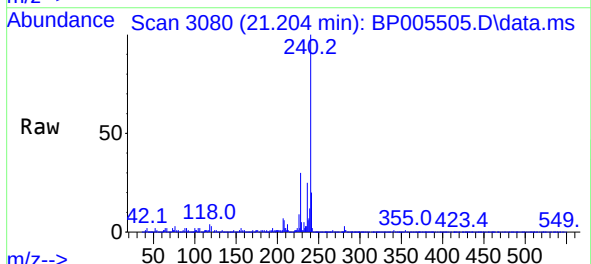


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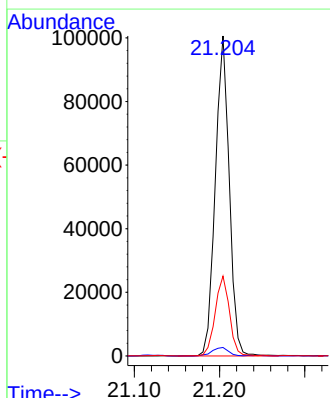
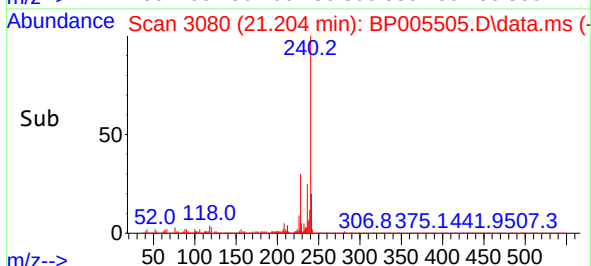
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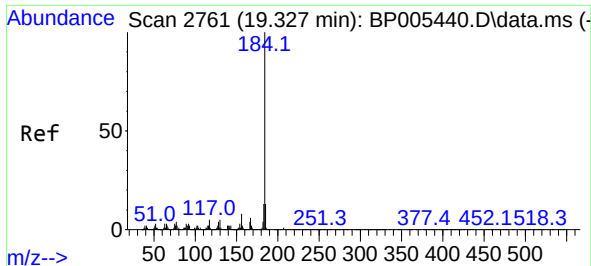


#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.204 min Scan# 3080  
Delta R.T. 0.012 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39



Tgt Ion:240 Resp: 114154  
Ion Ratio Lower Upper  
240 100  
120 2.7 4.2 6.2#  
236 24.9 20.2 30.2



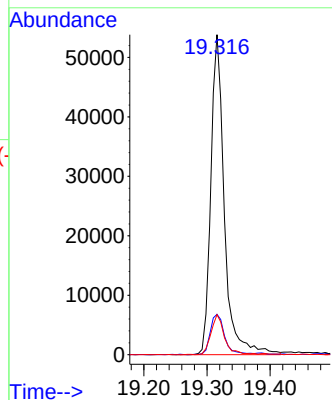
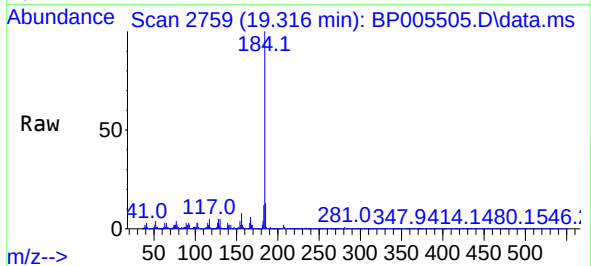


#77  
Benzidine  
Concen: 45.31 ng  
RT: 19.316 min Scan# 2759  
Delta R.T. 0.006 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 184   | Resp: | 80070 |
| Ion Ratio | Lower | Upper |       |
| 184       | 100   |       |       |
| 185       | 12.6  | 11.1  | 16.7  |
| 183       | 12.5  | 9.8   | 14.8  |

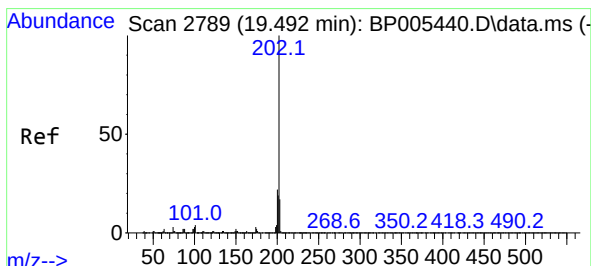
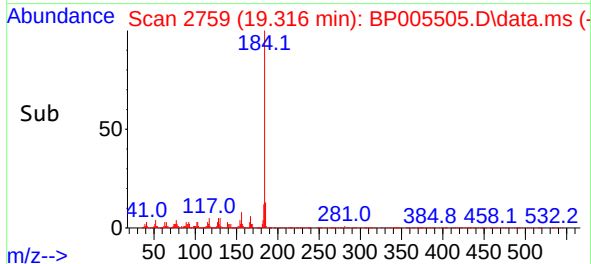
Instrument :  
BNA\_P  
ClientSampleId :  
PB136299BS

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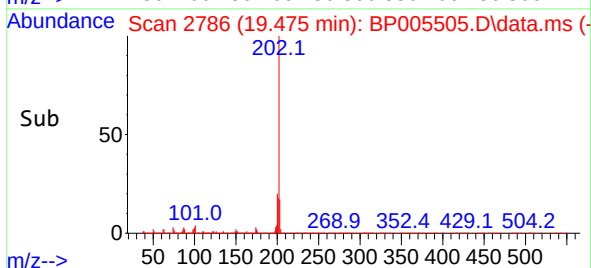
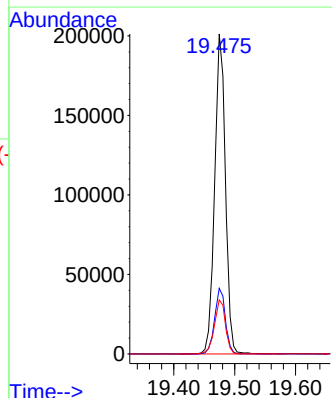
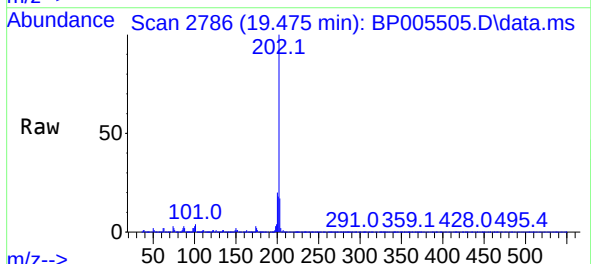
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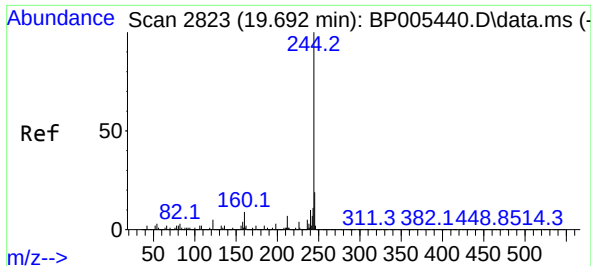
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#78  
Pyrene  
Concen: 38.16 ng  
RT: 19.475 min Scan# 2786  
Delta R.T. 0.006 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 246630 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 20.5  | 16.9  | 25.3   |
| 203       | 16.9  | 13.8  | 20.6   |



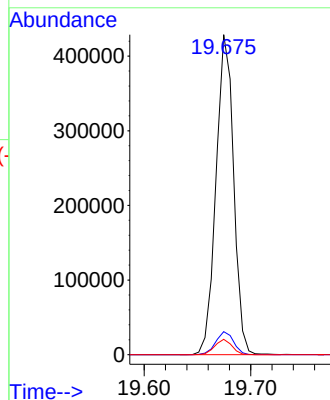
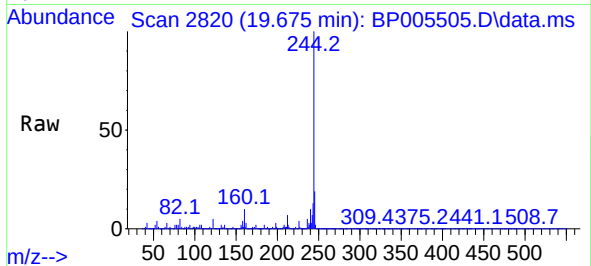


#79  
Terphenyl-d14  
Concen: 73.09 ng  
RT: 19.675 min Scan# 2820  
Delta R.T. 0.006 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39

Tgt Ion:244 Resp: 491310  
Ion Ratio Lower Upper  
244 100  
212 7.2 5.8 8.6  
122 4.8 5.2 7.8#

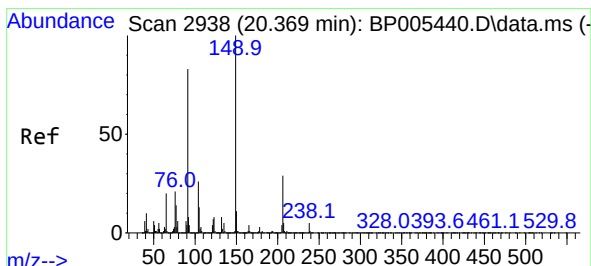
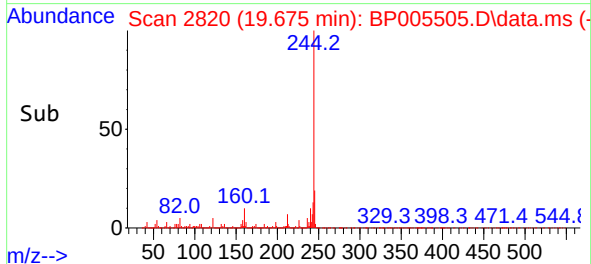
Instrument :  
BNA\_P  
ClientSampleId :  
PB136299BS

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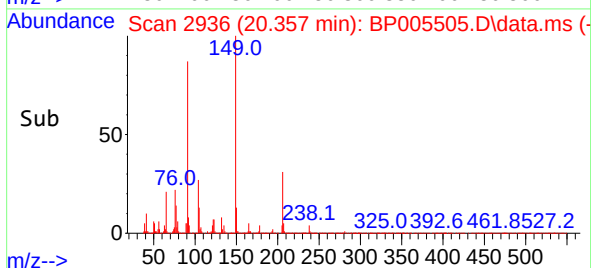
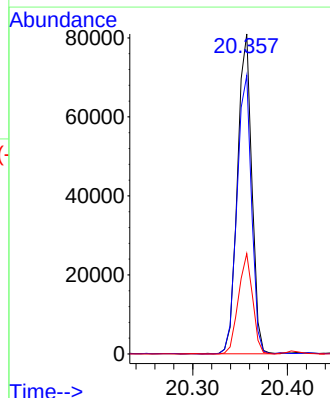
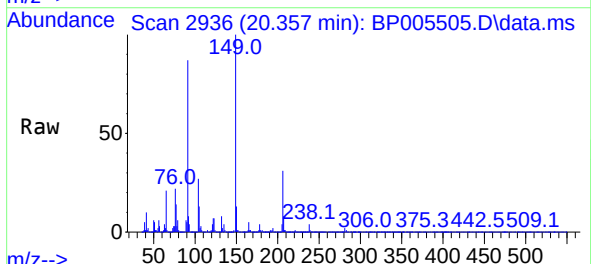
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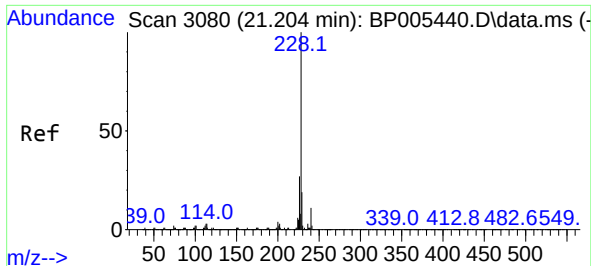
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#80  
Butylbenzylphthalate  
Concen: 40.72 ng  
RT: 20.357 min Scan# 2936  
Delta R.T. 0.012 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39

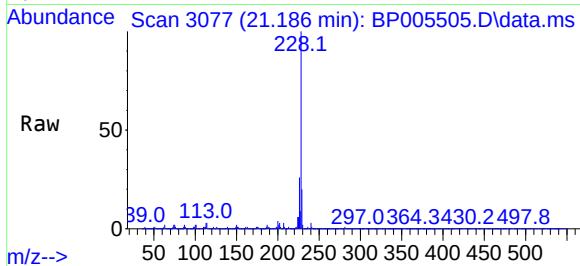
Tgt Ion:149 Resp: 85024  
Ion Ratio Lower Upper  
149 100  
91 87.0 60.2 90.4  
206 31.3 23.9 35.9





#81  
Benzo(a)anthracene  
Concen: 40.61 ng  
RT: 21.186 min Scan# 3077  
Delta R.T. 0.012 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39

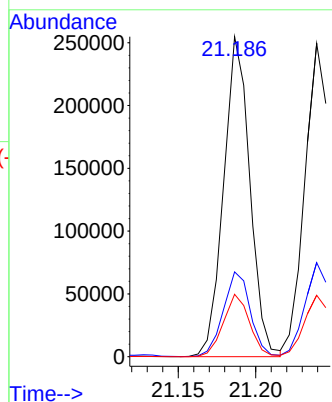
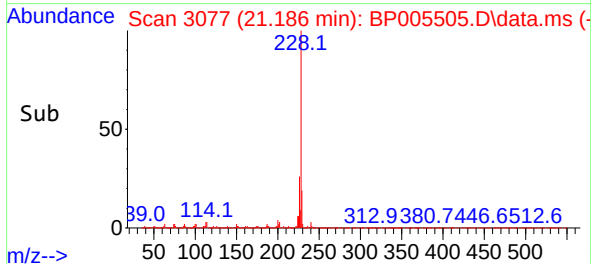
Instrument :  
BNA\_P  
ClientSampleId :  
PB136299BS



Tgt Ion: 228 Resp: 300392

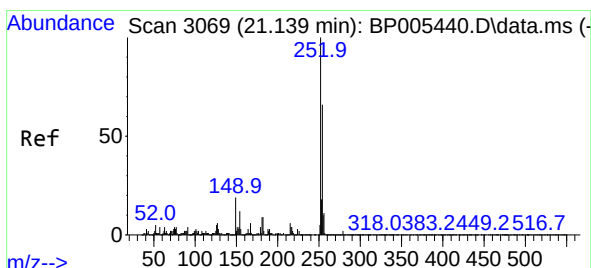
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 26.5  | 21.2  | 31.8  |
| 229 | 19.5  | 15.6  | 23.4  |

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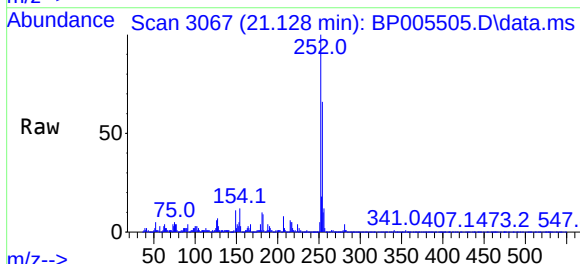


Sohil

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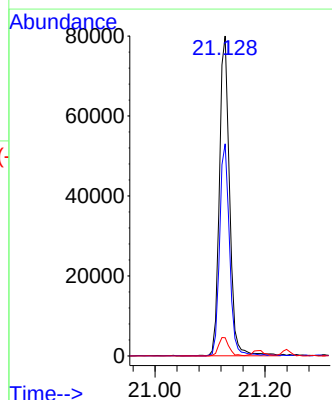
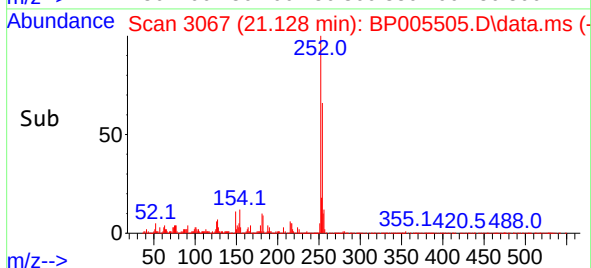


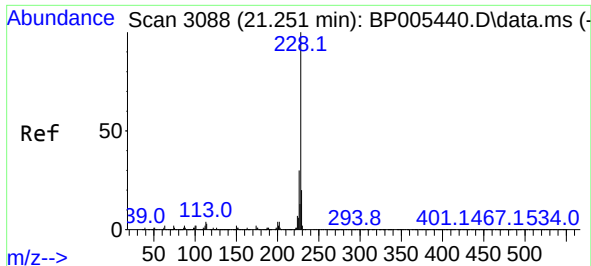
#82  
3,3'-Dichlorobenzidine  
Concen: 36.81 ng  
RT: 21.128 min Scan# 3067  
Delta R.T. 0.012 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39



Tgt Ion: 252 Resp: 102585

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 66.3  | 49.9  | 74.9  |
| 126 | 5.7   | 5.5   | 8.3   |



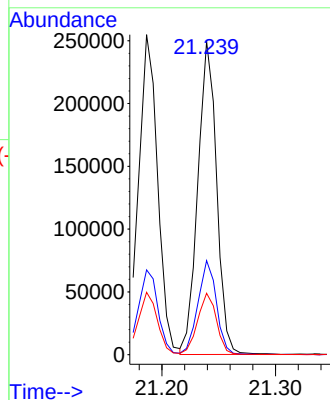
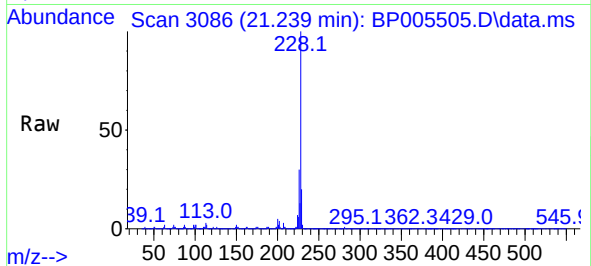


#83  
Chrysene  
Concen: 40.07 ng  
RT: 21.239 min Scan# 3086  
Delta R.T. 0.012 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 287301 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 30.0  | 24.8  | 37.2   |
| 229       | 19.6  | 15.4  | 23.0   |

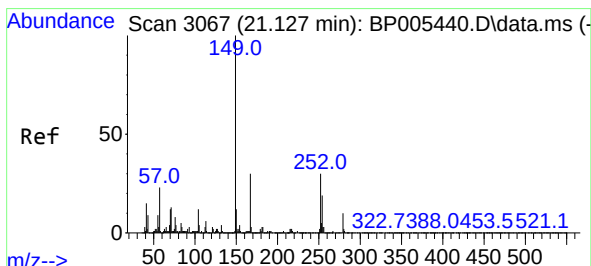
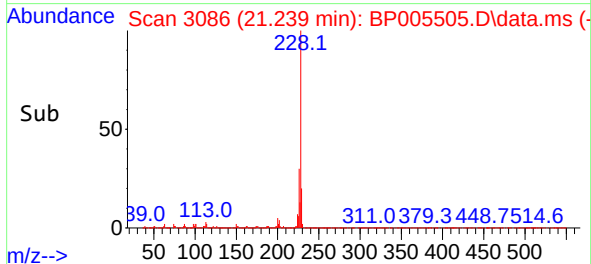
Instrument :  
BNA\_P  
ClientSampleId :  
PB136299BS

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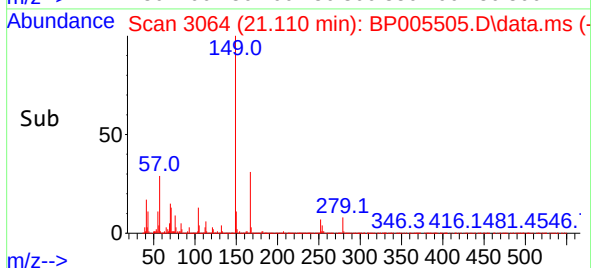
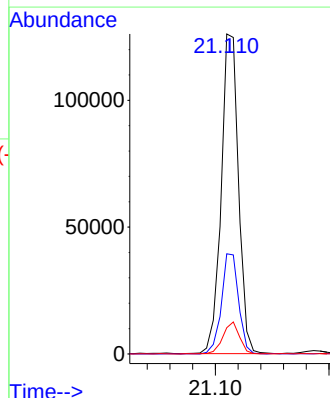
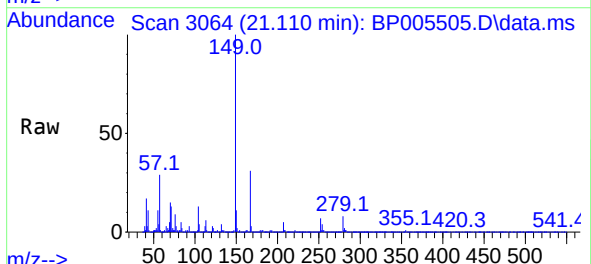
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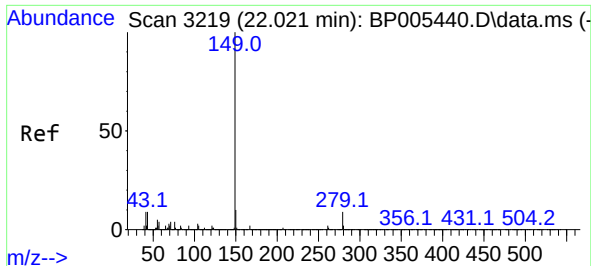
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#84  
Bis(2-ethylhexyl)phthalate  
Concen: 41.88 ng  
RT: 21.110 min Scan# 3064  
Delta R.T. 0.006 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 133726 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 31.3  | 23.8  | 35.8   |
| 279       | 8.2   | 5.7   | 8.5    |



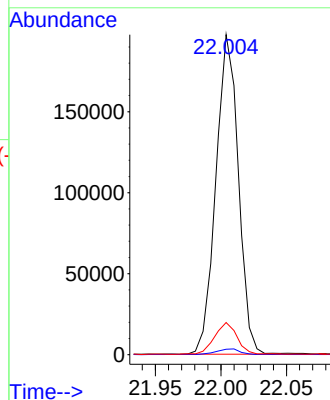
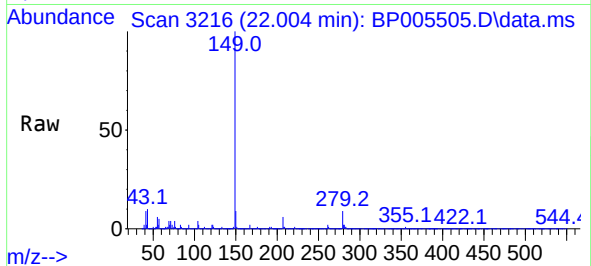


#85  
Di-n-octyl phthalate  
Concen: 43.79 ng  
RT: 22.004 min Scan# 3216  
Delta R.T. 0.012 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39

Tgt Ion:149 Resp: 234864  
Ion Ratio Lower Upper  
149 100  
167 1.9 1.5 2.3  
43 10.0 5.1 7.7#

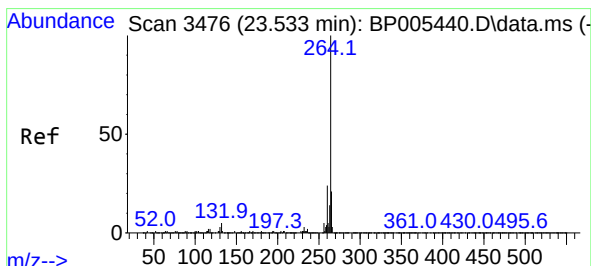
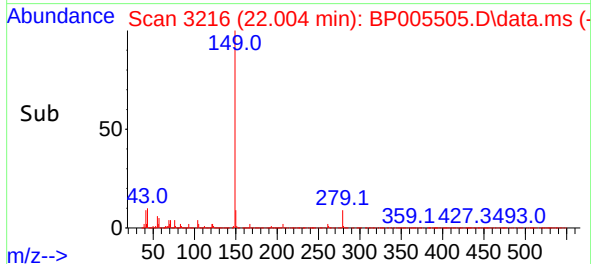
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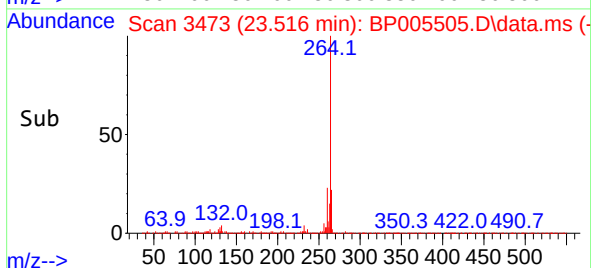
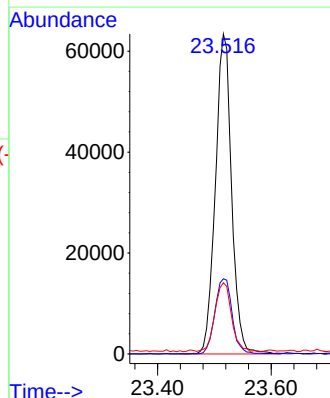
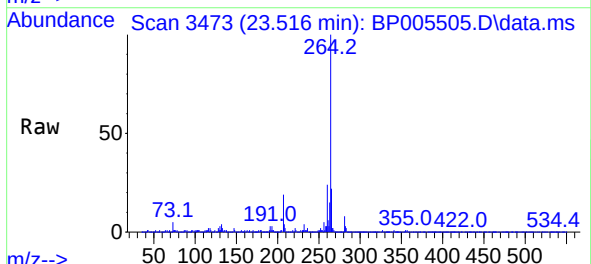
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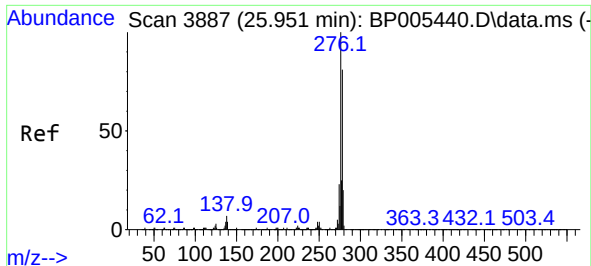
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#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 23.516 min Scan# 3473  
Delta R.T. 0.012 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39

Tgt Ion:264 Resp: 125515  
Ion Ratio Lower Upper  
264 100  
260 23.5 20.6 30.8  
265 22.2 19.0 28.6



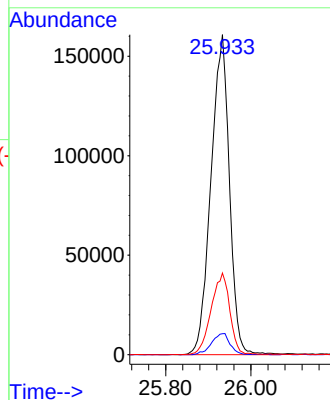
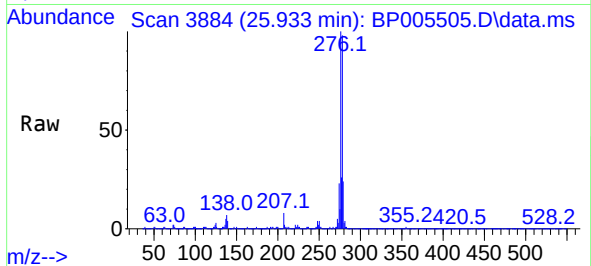


#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 45.82 ng  
 RT: 25.933 min Scan# 3884  
 Delta R.T. 0.029 min  
 Lab File: BP005505.D  
 Acq: 12 May 2021 15:39

Tgt Ion: 276 Resp: 483862  
 Ion Ratio Lower Upper  
 276 100  
 138 6.6 8.4 12.6#  
 277 25.8 20.6 31.0

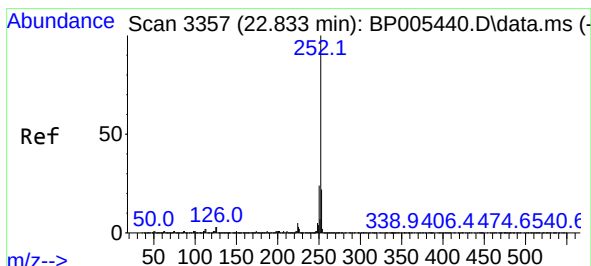
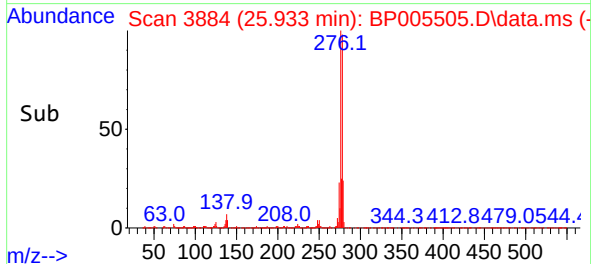
Instrument :  
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 ClientSampleId :  
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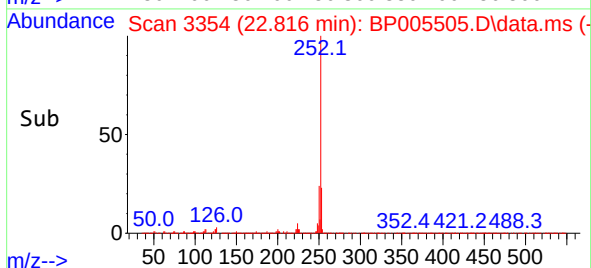
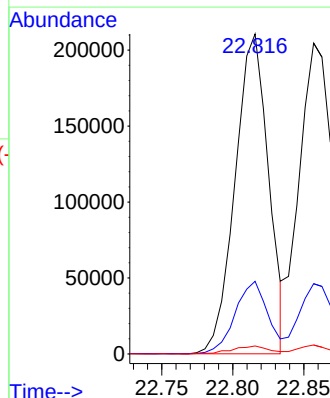
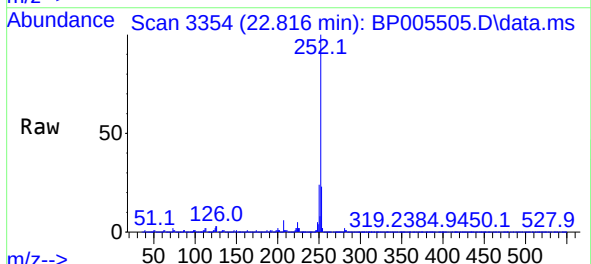
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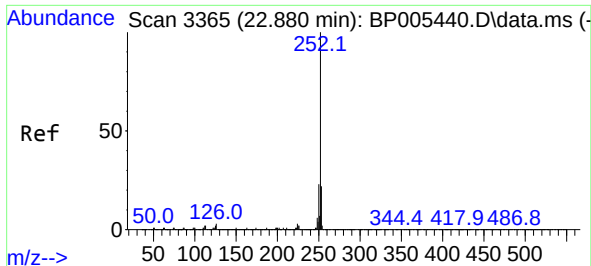
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#88  
 Benzo(b)fluoranthene  
 Concen: 41.24 ng  
 RT: 22.816 min Scan# 3354  
 Delta R.T. 0.018 min  
 Lab File: BP005505.D  
 Acq: 12 May 2021 15:39

Tgt Ion: 252 Resp: 344963  
 Ion Ratio Lower Upper  
 252 100  
 253 22.7 18.2 27.2  
 125 2.5 3.4 5.0#



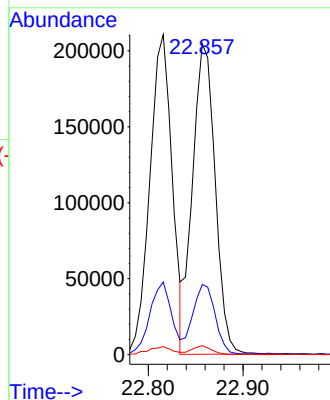
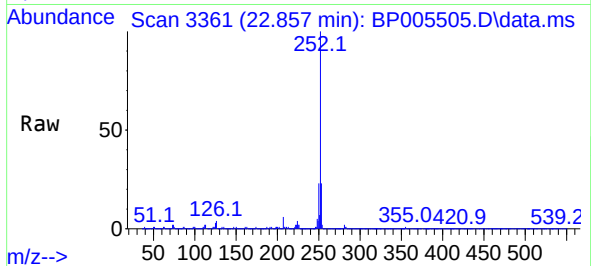


#89  
Benzo(k)fluoranthene  
Concen: 41.54 ng  
RT: 22.857 min Scan# 3361  
Delta R.T. 0.012 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39

Tgt Ion: 252 Resp: 339699  
Ion Ratio Lower Upper  
252 100  
253 22.6 17.2 25.8  
125 2.9 3.8 5.6#

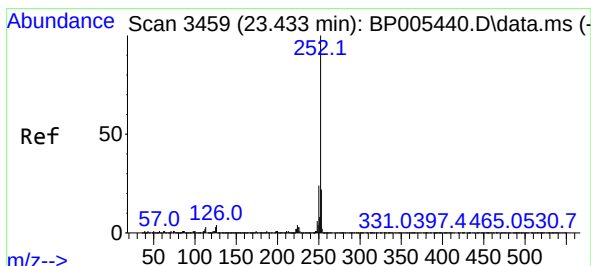
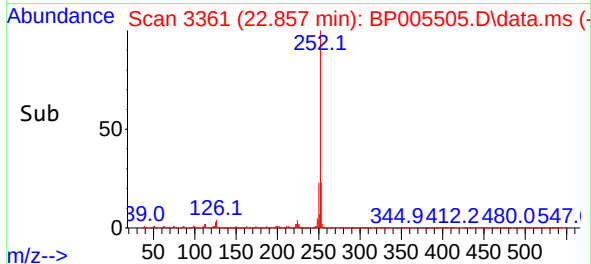
Instrument :  
BNA\_P  
ClientSampleId :  
PB136299BS

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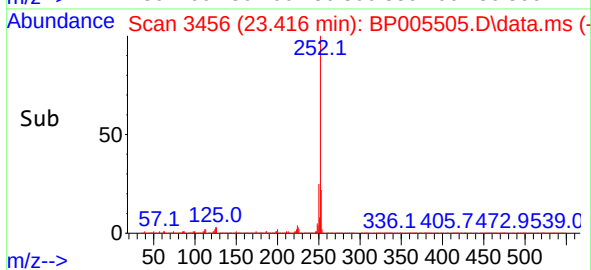
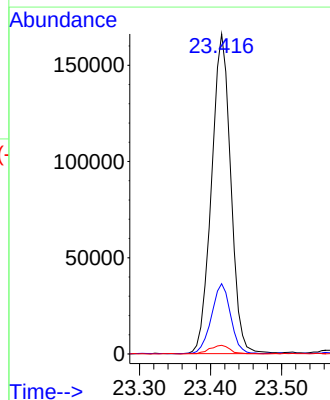
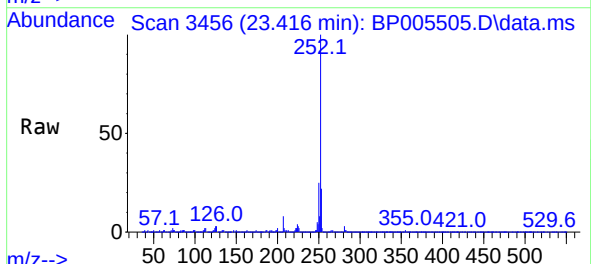
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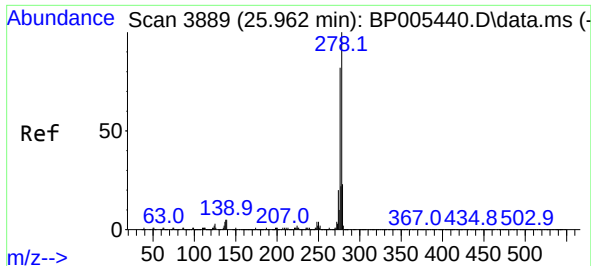


#90  
Benzo(a)pyrene  
Concen: 40.70 ng  
RT: 23.416 min Scan# 3456  
Delta R.T. 0.018 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39

Tgt Ion: 252 Resp: 312048  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.1 25.7  
125 2.7 3.8 5.6#





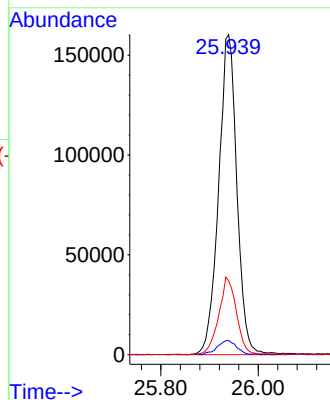
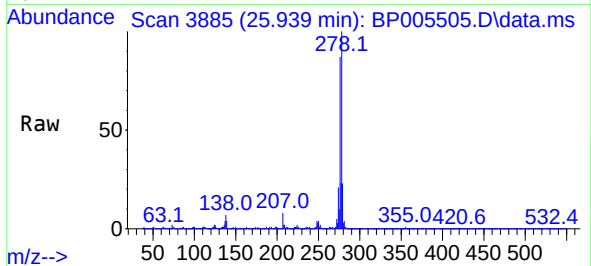


#91  
Dibenzo(a,h)anthracene  
Concen: 44.88 ng  
RT: 25.939 min Scan# 3885  
Delta R.T. 0.024 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39

Tgt Ion: 278 Resp: 418162  
Ion Ratio Lower Upper  
278 100  
139 4.5 5.0 7.6#  
279 23.0 18.6 28.0

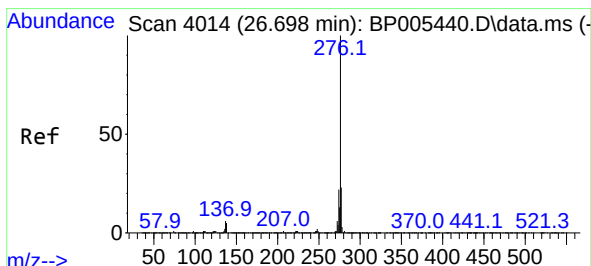
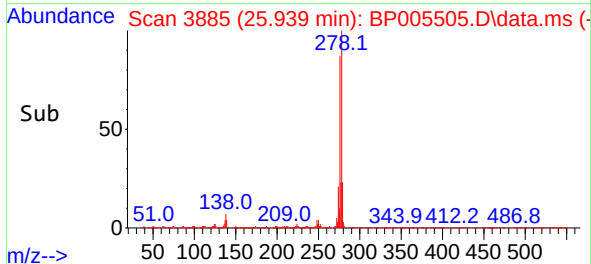
Instrument :  
BNA\_P  
ClientSampleId :  
PB136299BS

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#92  
Benzo(g,h,i)perylene  
Concen: 45.49 ng  
RT: 26.663 min Scan# 4008  
Delta R.T. 0.024 min  
Lab File: BP005505.D  
Acq: 12 May 2021 15:39

Tgt Ion: 276 Resp: 392189  
Ion Ratio Lower Upper  
276 100  
277 25.6 19.8 29.8  
138 5.5 7.7 11.5#

