

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP040721\  
 Data File : BP005214.D  
 Acq On : 07 Apr 2021 11:13  
 Operator : CG/JU  
 Sample : PB135552BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB135552BS

Manual Integrations  
 APPROVED

mohammad

4/8/2021 1:34:46 PM

Quant Time: Apr 07 12:17:15 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP032321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 06 12:33:08 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.699  | 152  | 29715    | 20.00  | ng    | # 0.00   |
| 21) Naphthalene-d8            | 10.487 | 136  | 107553   | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.351 | 164  | 67148    | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.110 | 188  | 135020   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.210 | 240  | 142820   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12              | 23.486 | 264  | 147536   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.305  | 112  | 255586   | 132.37 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.887  | 99   | 309884   | 112.04 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.858  | 82   | 197450   | 78.77  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.851 | 330  | 122968   | 140.55 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.969 | 172  | 414058   | 83.41  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.686 | 244  | 653963   | 83.36  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.252  | 88   | 35527    | 42.25  | ng    | 98       |
| 3) Pyridine                   | 3.640  | 79   | 88999    | 42.57  | ng    | 95       |
| 4) n-Nitrosodimethylamine     | 3.558  | 42   | 29954    | 40.07  | ng    | # 86     |
| 6) Aniline                    | 7.034  | 93   | 95091    | 30.34  | ng    | 92       |
| 8) 2-Chlorophenol             | 7.269  | 128  | 86027    | 42.24  | ng    | 86       |
| 9) Benzaldehyde               | 6.846  | 77   | 60264    | 42.78  | ng    | # 82     |
| 10) Phenol                    | 6.911  | 94   | 117902   | 41.60  | ng    | 88       |
| 11) bis(2-Chloroethyl)ether   | 7.128  | 93   | 87763    | 42.29  | ng    | 95       |
| 12) 1,3-Dichlorobenzene       | 7.581  | 146  | 94672    | 41.84  | ng    | # 91     |
| 13) 1,4-Dichlorobenzene       | 7.734  | 146  | 99224    | 43.19  | ng    | # 92     |
| 14) 1,2-Dichlorobenzene       | 8.046  | 146  | 93839    | 42.58  | ng    | 96       |
| 15) Benzyl Alcohol            | 7.946  | 79   | 83016    | 38.91  | ng    | # 86     |
| 16) 2,2'-oxybis(1-Chloropr... | 8.222  | 45   | 65648    | 43.13  | ng    | 94       |
| 17) 2-Methylphenol            | 8.146  | 107  | 76043    | 42.04  | ng    | # 93     |
| 18) Hexachloroethane          | 8.763  | 117  | 36933    | 42.19  | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 8.505  | 70   | 60612    | 33.78  | ng    | # 92     |
| 20) 3+4-Methylphenols         | 8.475  | 107  | 99622    | 40.33  | ng    | 95       |
| 22) Acetophenone              | 8.522  | 105  | 135632   | 43.86  | ng    | # 96     |
| 24) Nitrobenzene              | 8.899  | 77   | 101416   | 38.39  | ng    | # 81     |
| 25) Isophorone                | 9.422  | 82   | 181350   | 39.20  | ng    | # 91     |
| 26) 2-Nitrophenol             | 9.605  | 139  | 46301    | 45.19  | ng    | # 75     |
| 27) 2,4-Dimethylphenol        | 9.669  | 122  | 76716    | 46.57  | ng    | 88       |
| 28) bis(2-Chloroethoxy)met... | 9.905  | 93   | 107442   | 45.88  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.140 | 162  | 80331    | 43.58  | ng    | 94       |
| 30) 1,2,4-Trichlorobenzene    | 10.346 | 180  | 89340    | 43.15  | ng    | 99       |
| 31) Naphthalene               | 10.534 | 128  | 250280   | 41.19  | ng    | 99       |
| 32) Benzoic acid              | 9.840  | 122  | 49788    | 40.71  | ng    | # 76     |
| 33) 4-Chloroaniline           | 10.652 | 127  | 59824    | 24.34  | ng    | # 89     |
| 34) Hexachlorobutadiene       | 10.810 | 225  | 61025    | 45.80  | ng    | 95       |
| 35) Caprolactam               | 11.463 | 113  | 26959m   | 44.57  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 11.793 | 107  | 88053    | 39.54  | ng    | 85       |
| 37) 2-Methylnaphthalene       | 12.157 | 142  | 177709   | 40.51  | ng    | 97       |
| 38) 1-Methylnaphthalene       | 12.375 | 142  | 164005m  | 39.88  | ng    |          |
| 40) 1,2,4,5-Tetrachloroben... | 12.528 | 216  | 106982   | 48.93  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 12.499 | 237  | 130539   | 109.75 | ng    | 96       |
| 43) 2,4,6-Trichlorophenol     | 12.775 | 196  | 68003    | 44.99  | ng    | 96       |

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Manual Integrations  
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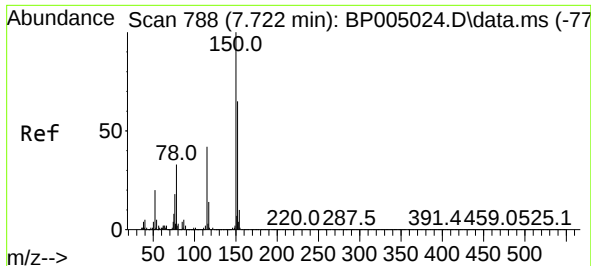
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Quant Time: Apr 07 12:17:15 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP032321.M  
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 QLast Update : Tue Apr 06 12:33:08 2021  
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| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.851 | 196  | 72881    | 44.52 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.175 | 154  | 225557   | 44.04 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.222 | 162  | 178933   | 42.92 | ng    | 98       |
| 48) 2-Nitroaniline            | 13.434 | 65   | 54594    | 41.10 | ng    | # 67     |
| 49) Acenaphthylene            | 14.069 | 152  | 285791   | 44.08 | ng    | 99       |
| 50) Dimethylphthalate         | 13.816 | 163  | 215637   | 41.69 | ng    | # 99     |
| 51) 2,6-Dinitrotoluene        | 13.940 | 165  | 49943    | 40.97 | ng    | # 79     |
| 52) Acenaphthene              | 14.416 | 154  | 169855   | 42.57 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.269 | 138  | 33415    | 29.78 | ng    | # 71     |
| 54) 2,4-Dinitrophenol         | 14.481 | 184  | 59996    | 81.28 | ng    | # 85     |
| 55) Dibenzofuran              | 14.751 | 168  | 266704   | 40.79 | ng    | 97       |
| 56) 4-Nitrophenol             | 14.593 | 139  | 81188    | 88.22 | ng    | # 62     |
| 57) 2,4-Dinitrotoluene        | 14.734 | 165  | 68283    | 42.42 | ng    | # 73     |
| 58) Fluorene                  | 15.404 | 166  | 215170   | 40.75 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 14.987 | 232  | 66989    | 44.36 | ng    | 91       |
| 60) Diethylphthalate          | 15.187 | 149  | 208732   | 41.26 | ng    | 96       |
| 61) 4-Chlorophenyl-phenyle... | 15.404 | 204  | 118573   | 42.31 | ng    | 92       |
| 62) 4-Nitroaniline            | 15.440 | 138  | 48415    | 42.00 | ng    | 75       |
| 63) Azobenzene                | 15.698 | 77   | 213244   | 36.88 | ng    | 91       |
| 65) 4,6-Dinitro-2-methylph... | 15.498 | 198  | 40353    | 40.95 | ng    | 95       |
| 66) n-Nitrosodiphenylamine    | 15.622 | 169  | 188970   | 43.54 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.298 | 248  | 76284    | 48.76 | ng    | 95       |
| 68) Hexachlorobenzene         | 16.410 | 284  | 84433    | 47.99 | ng    | 97       |
| 69) Atrazine                  | 16.587 | 200  | 74495    | 51.68 | ng    | 96       |
| 70) Pentachlorophenol         | 16.763 | 266  | 110263   | 94.93 | ng    | 97       |
| 71) Phenanthrene              | 17.157 | 178  | 338810   | 43.28 | ng    | 98       |
| 72) Anthracene                | 17.245 | 178  | 343905   | 44.97 | ng    | 98       |
| 73) Carbazole                 | 17.522 | 167  | 303318   | 42.21 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.081 | 149  | 361749   | 45.75 | ng    | # 98     |
| 75) Fluoranthene              | 19.133 | 202  | 403067   | 43.77 | ng    | 98       |
| 77) Benzidine                 | 19.316 | 184  | 176922   | 56.46 | ng    | 99       |
| 78) Pyrene                    | 19.486 | 202  | 410004   | 41.78 | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.363 | 149  | 164042   | 45.05 | ng    | # 77     |
| 81) Benzo(a)anthracene        | 21.192 | 228  | 433365   | 44.66 | ng    | 97       |
| 82) 3,3'-Dichlorobenzidine    | 21.128 | 252  | 126797   | 38.88 | ng    | 98       |
| 83) Chrysene                  | 21.245 | 228  | 406566   | 42.69 | ng    | 97       |
| 84) Bis(2-ethylhexyl)phtha... | 21.122 | 149  | 244577   | 45.81 | ng    | # 96     |
| 85) Di-n-octyl phthalate      | 22.004 | 149  | 420086   | 46.66 | ng    | # 95     |
| 87) Indeno(1,2,3-cd)pyrene    | 25.827 | 276  | 512876   | 46.36 | ng    | 97       |
| 88) Benzo(b)fluoranthene      | 22.798 | 252  | 448983   | 42.85 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 22.845 | 252  | 407510   | 40.59 | ng    | 97       |
| 90) Benzo(a)pyrene            | 23.386 | 252  | 389377   | 41.45 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 25.839 | 278  | 434974   | 45.47 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 26.545 | 276  | 425930   | 46.14 | ng    | 96       |

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





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.699 min Scan# 784  
Delta R.T. 0.006 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

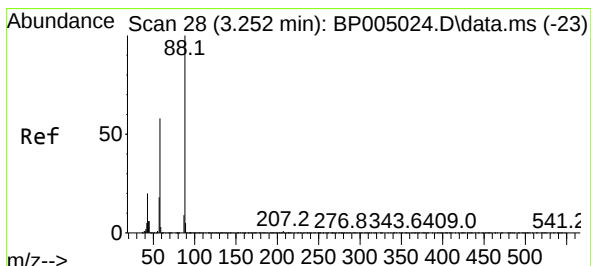
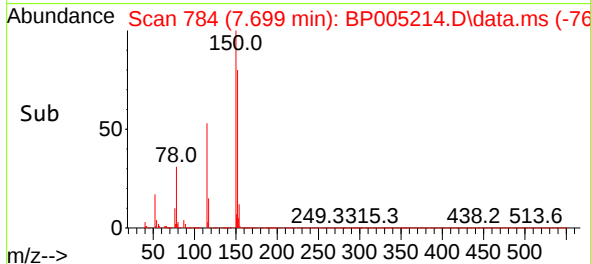
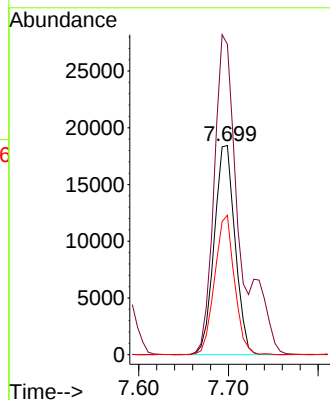
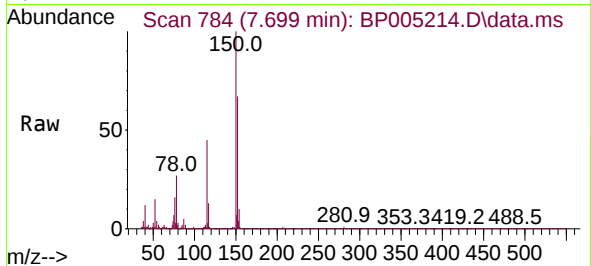
Tgt Ion: 152 Resp: 29715  
Ion Ratio Lower Upper  
152 100  
150 148.5 123.8 185.6  
115 66.7 43.8 65.6#

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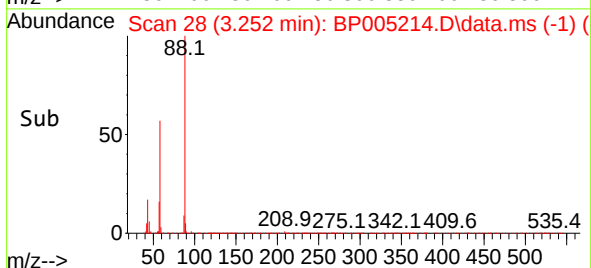
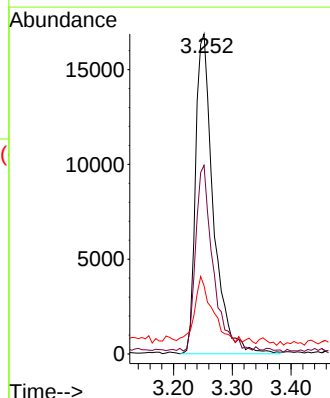
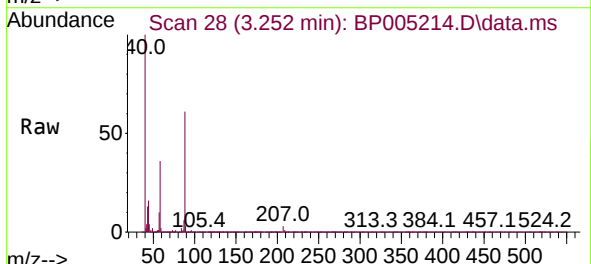
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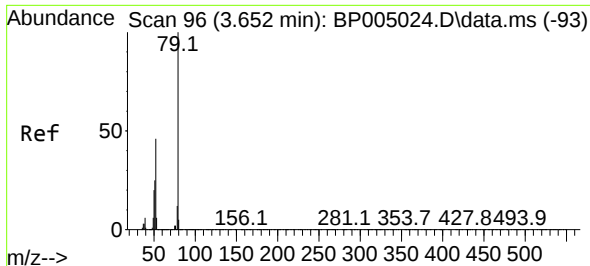
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#2  
1,4-Dioxane  
Concen: 42.25 ng  
RT: 3.252 min Scan# 28  
Delta R.T. 0.024 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

Tgt Ion: 88 Resp: 35527  
Ion Ratio Lower Upper  
88 100  
58 56.7 44.2 66.4  
43 20.1 15.2 22.8





#3  
Pyridine  
Concen: 42.57 ng  
RT: 3.640 min Scan# 94  
Delta R.T. 0.012 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

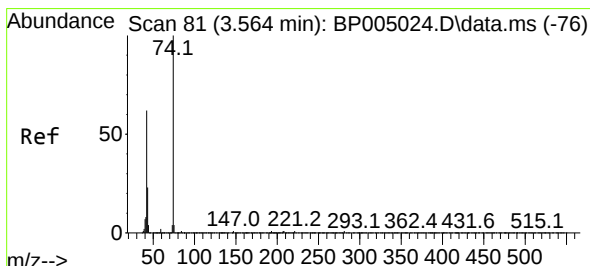
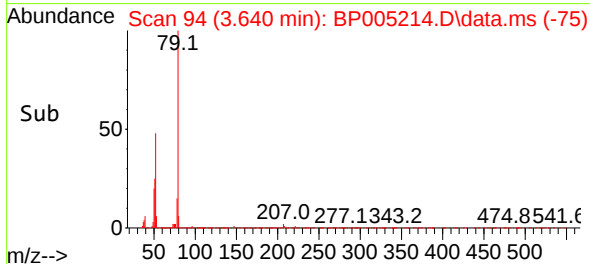
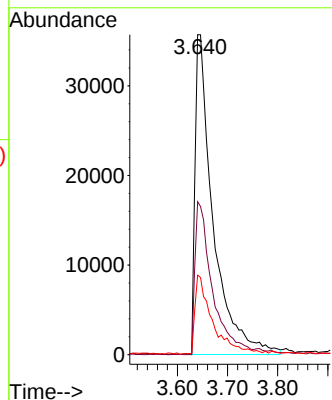
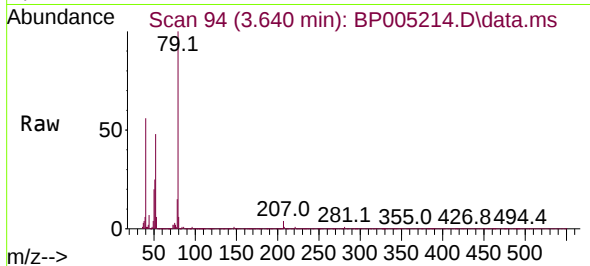
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 79    | Resp: | 88999 |
| Ion      | Ratio | Lower | Upper |
| 79       | 100   |       |       |
| 52       | 47.8  | 41.3  | 61.9  |
| 51       | 24.8  | 21.2  | 31.8  |

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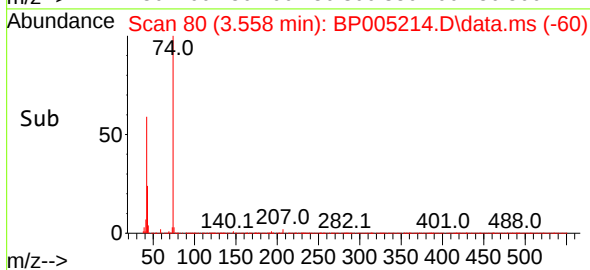
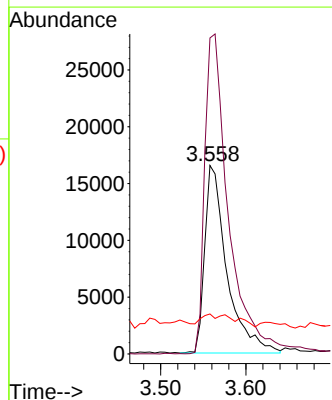
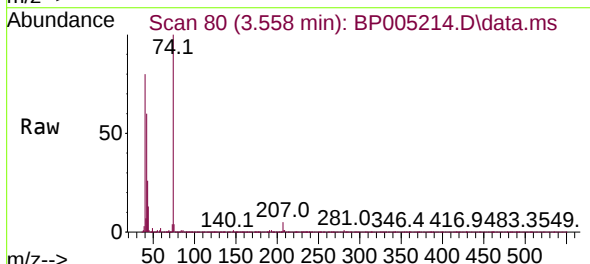
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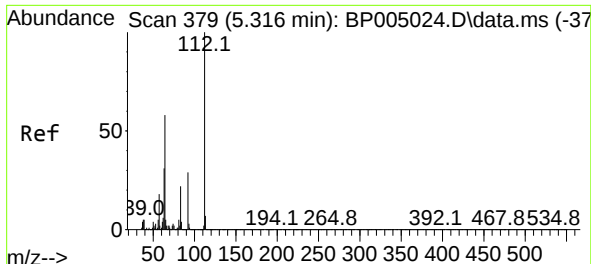
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#4  
n-Nitrosodimethylamine  
Concen: 40.07 ng  
RT: 3.558 min Scan# 80  
Delta R.T. 0.018 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 29954 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 74       | 167.6 | 148.6 | 223.0 |
| 44       | 21.2  | 5.3   | 7.9   |





#5  
2-Fluorophenol  
Concen: 132.37 ng  
RT: 5.305 min Scan# 377  
Delta R.T. 0.012 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

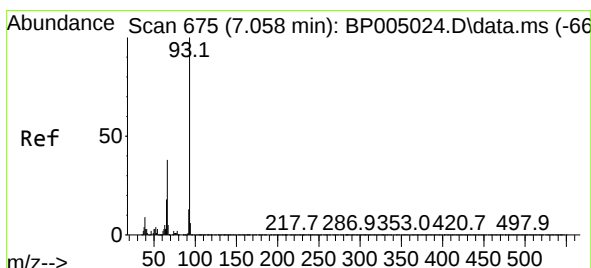
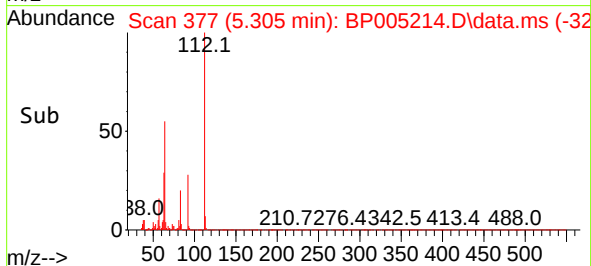
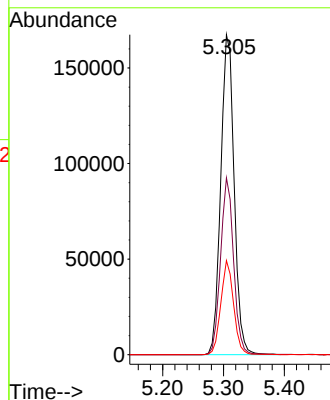
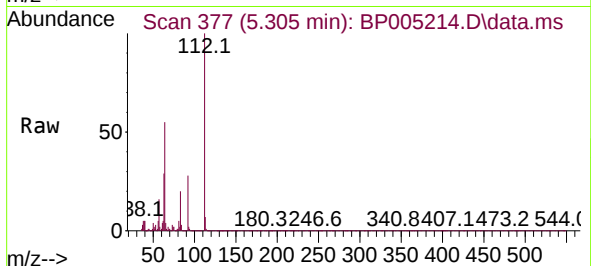
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 55.3  | 32.8  | 49.2# |
| 63      | 29.4  | 17.0  | 25.4# |

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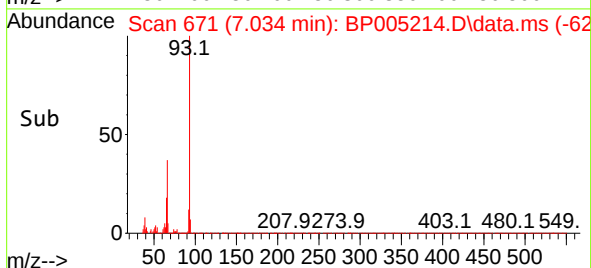
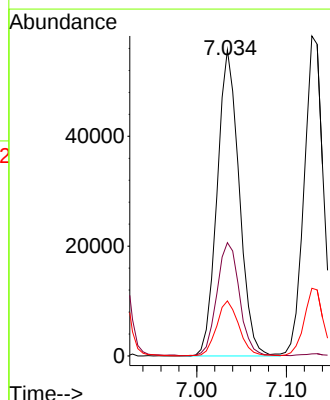
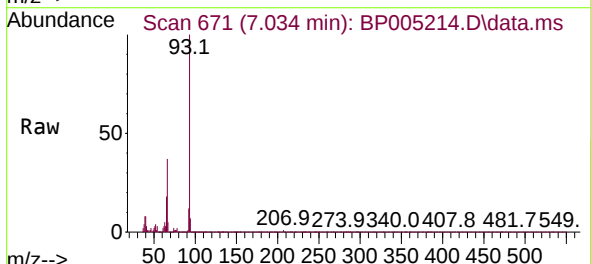
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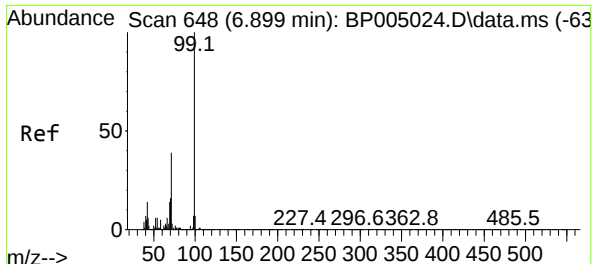
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#6  
Aniline  
Concen: 30.34 ng  
RT: 7.034 min Scan# 671  
Delta R.T. 0.000 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

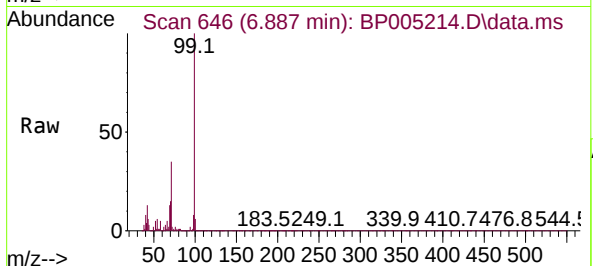
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 66      | 37.0  | 25.4  | 38.0  |
| 65      | 18.0  | 12.5  | 18.7  |





#7  
Phenol-d6  
Concen: 112.04 ng  
RT: 6.887 min Scan# 646  
Delta R.T. 0.006 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

Instrument :  
BNA\_P  
ClientSampleId :  
PB135552BS

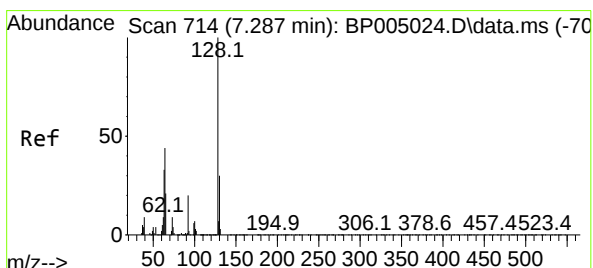
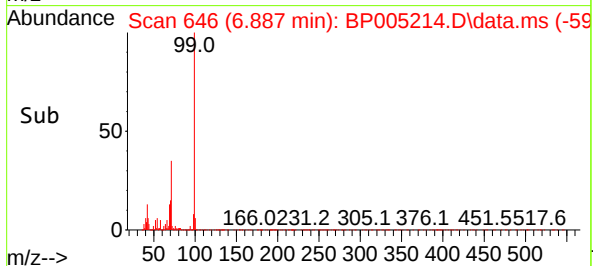
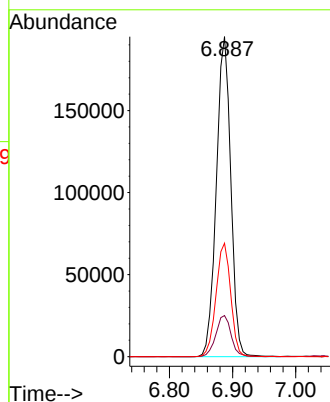


Tgt Ion: 99 Resp: 309884  
Ion Ratio Lower Upper  
99 100  
42 12.9 8.6 13.0  
71 35.5 23.4 35.2#

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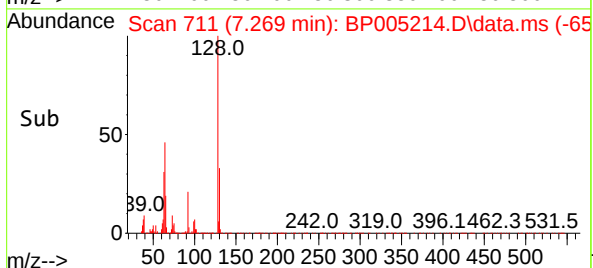
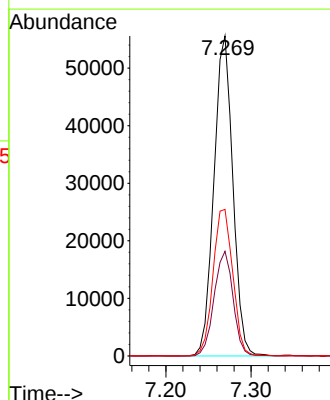
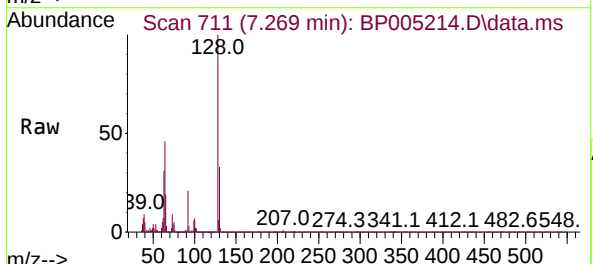
mohammad

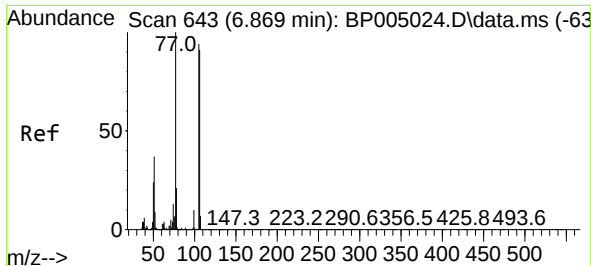
4/8/2021 1:34:46 PM



#8  
2-Chlorophenol  
Concen: 42.24 ng  
RT: 7.269 min Scan# 711  
Delta R.T. 0.006 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

Tgt Ion: 128 Resp: 86027  
Ion Ratio Lower Upper  
128 100  
130 32.7 13.0 53.0  
64 45.8 10.4 50.4





#9  
Benzaldehyde  
Concen: 42.78 ng  
RT: 6.846 min Scan# 639  
Delta R.T. 0.000 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

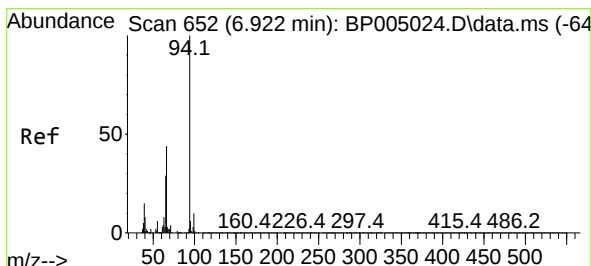
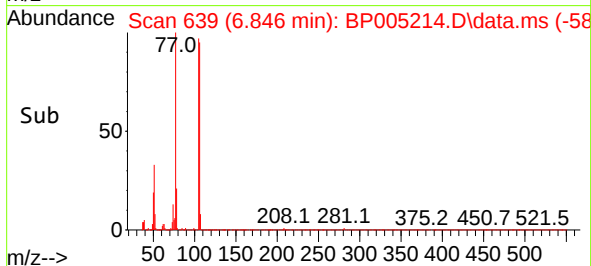
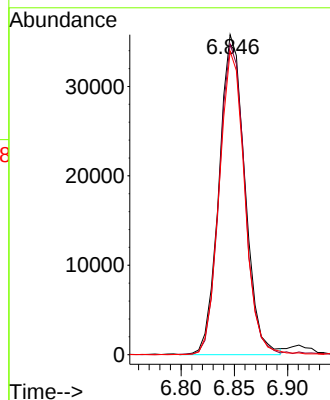
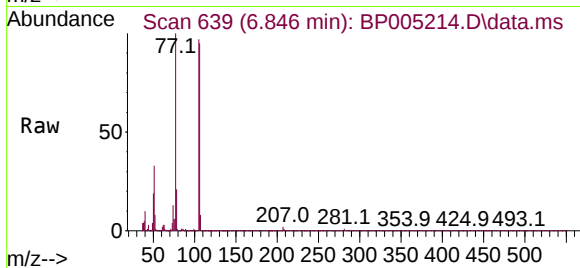
Tgt Ion: 77 Resp: 60264  
Ion Ratio Lower Upper  
77 100  
105 97.0 97.1 137.1#  
106 94.8 93.7 133.7

Instrument :  
BNA\_P  
ClientSampleId :  
PB135552BS

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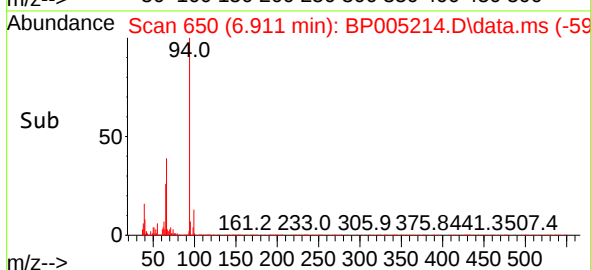
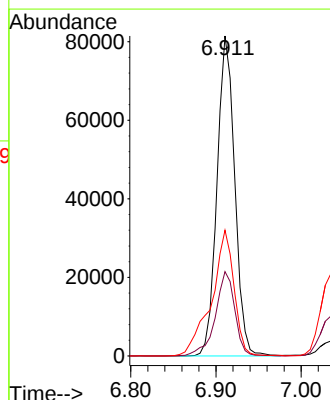
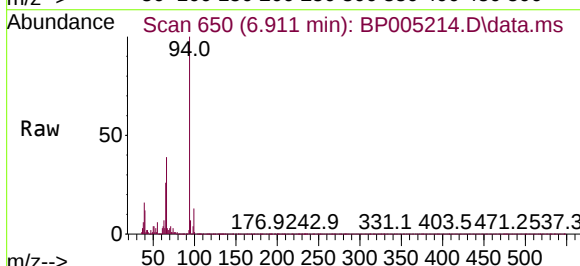
mohammad

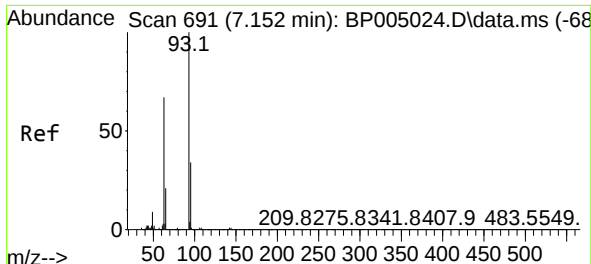
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#10  
Phenol  
Concen: 41.60 ng  
RT: 6.911 min Scan# 650  
Delta R.T. 0.006 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

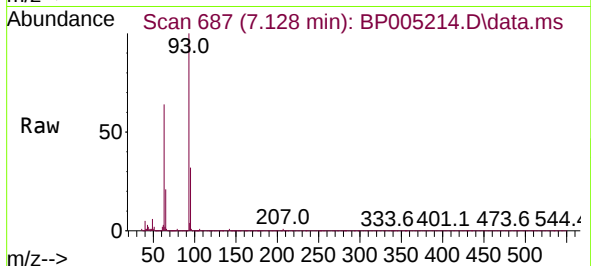
Tgt Ion: 94 Resp: 117902  
Ion Ratio Lower Upper  
94 100  
65 26.4 2.3 42.3  
66 39.3 10.9 50.9





#11  
bis(2-Chloroethyl)ether  
Concen: 42.29 ng  
RT: 7.128 min Scan# 687  
Delta R.T. 0.000 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

Instrument :  
BNA\_P  
ClientSampleId :  
PB135552BS

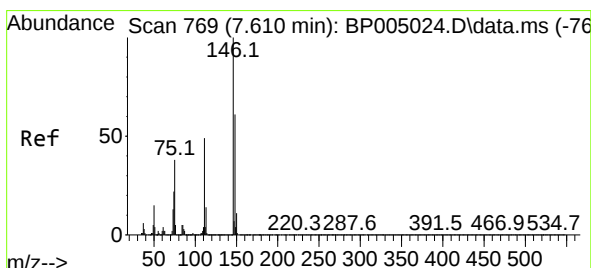
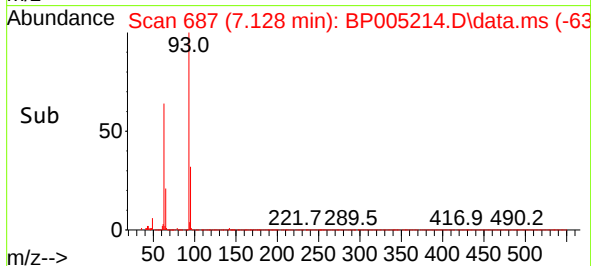
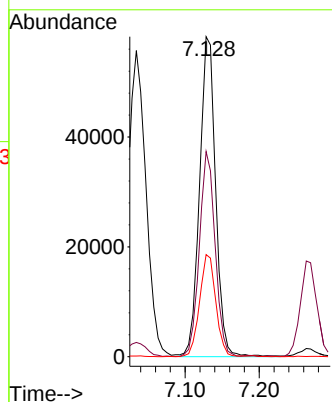


Tgt Ion: 93 Resp: 87763  
Ion Ratio Lower Upper  
93 100  
63 64.1 39.0 79.0  
95 31.9 12.8 52.8

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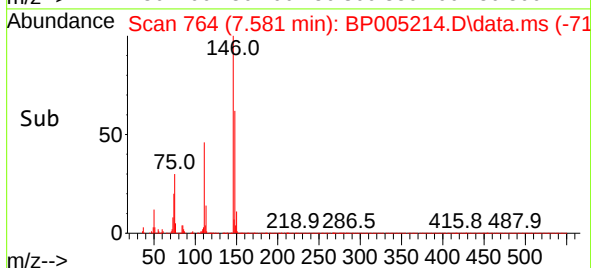
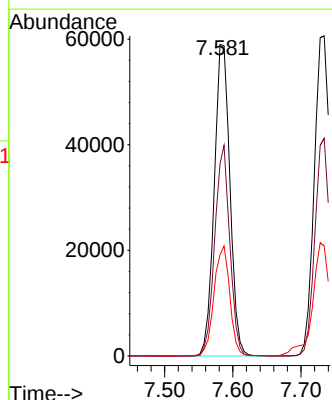
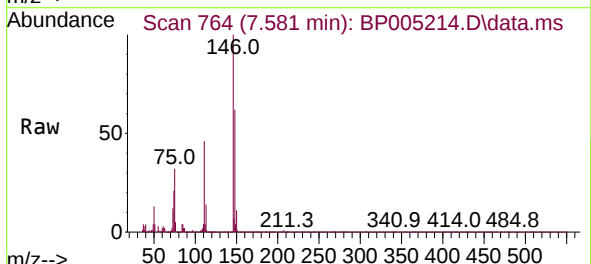
mohammad

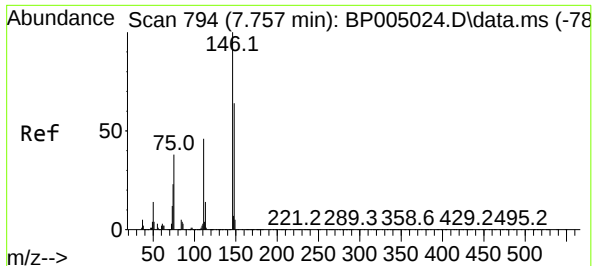
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#12  
1,3-Dichlorobenzene  
Concen: 41.84 ng  
RT: 7.581 min Scan# 764  
Delta R.T. 0.000 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

Tgt Ion: 146 Resp: 94672  
Ion Ratio Lower Upper  
146 100  
148 61.7 52.5 78.7  
75 32.4 18.1 27.1#





#13  
1,4-Dichlorobenzene  
Concen: 43.19 ng  
RT: 7.734 min Scan# 790  
Delta R.T. 0.006 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

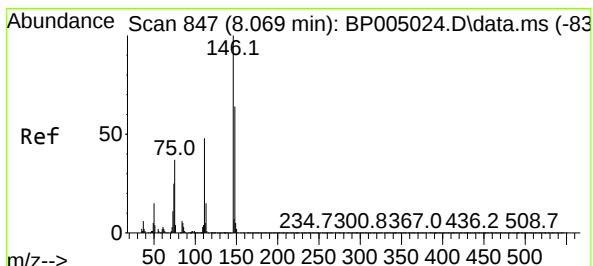
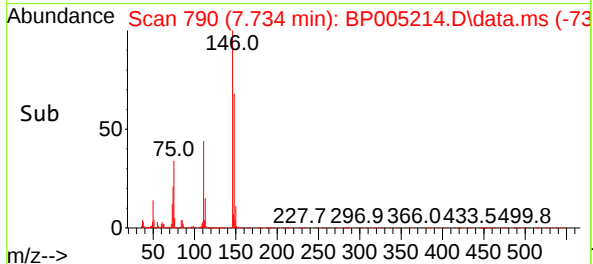
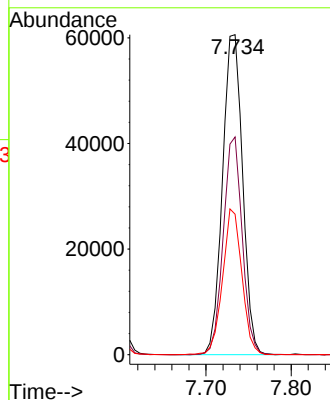
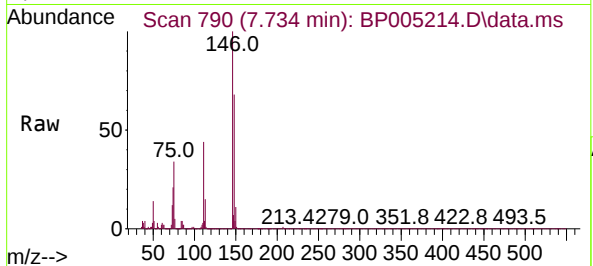
Tgt Ion:146 Resp: 99224  
Ion Ratio Lower Upper  
146 100  
148 68.1 51.3 76.9  
111 43.9 28.9 43.3#

Instrument :  
BNA\_P  
ClientSampleId :  
PB135552BS

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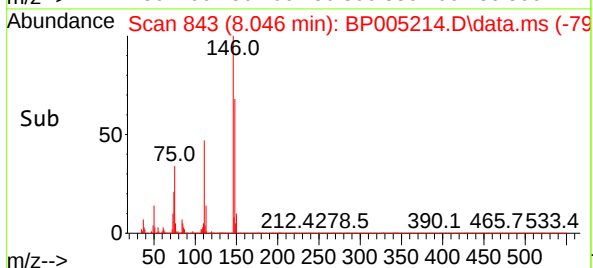
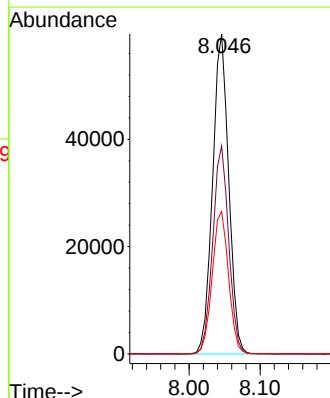
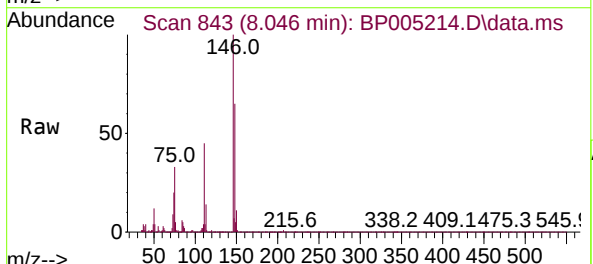
mohammad

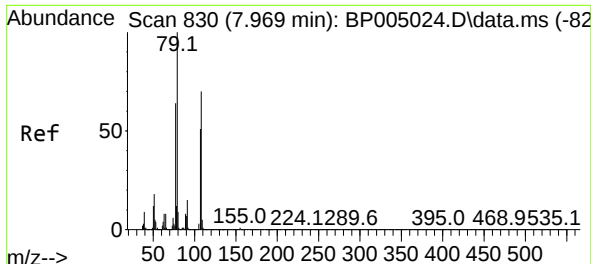
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#14  
1,2-Dichlorobenzene  
Concen: 42.58 ng  
RT: 8.046 min Scan# 843  
Delta R.T. 0.000 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

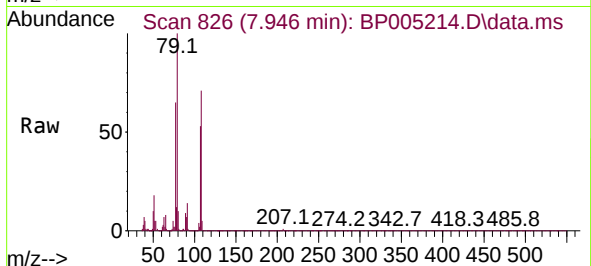
Tgt Ion:146 Resp: 93839  
Ion Ratio Lower Upper  
146 100  
148 65.0 51.6 77.4  
111 44.6 31.0 46.6





#15  
Benzyl Alcohol  
Concen: 38.91 ng  
RT: 7.946 min Scan# 826  
Delta R.T. 0.006 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

Instrument :  
BNA\_P  
ClientSampleId :  
PB135552BS

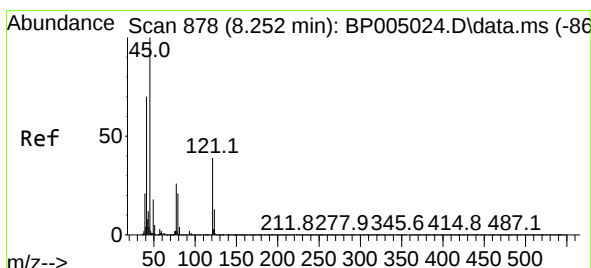
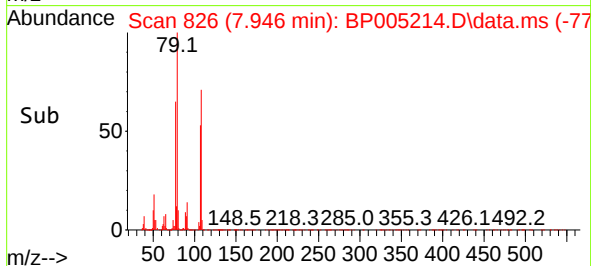
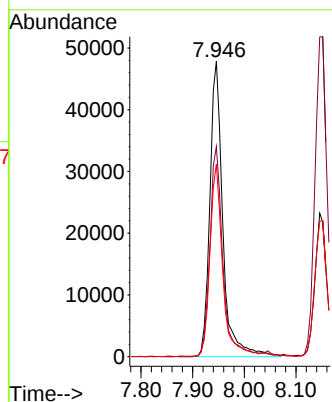


Tgt Ion: 79 Resp: 83016  
Ion Ratio Lower Upper  
79 100  
108 71.2 73.5 110.3#  
77 65.2 50.3 75.5

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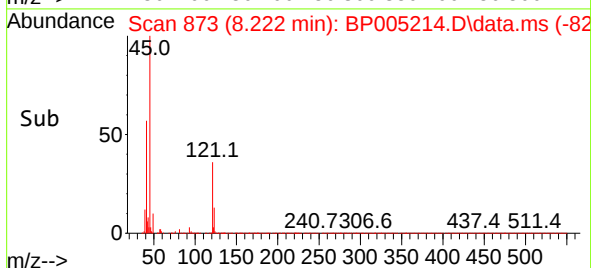
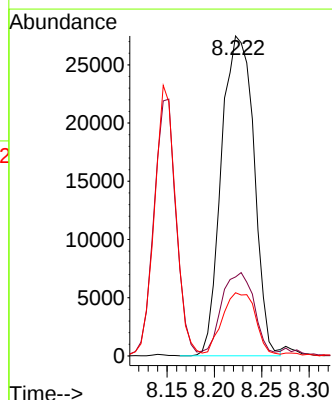
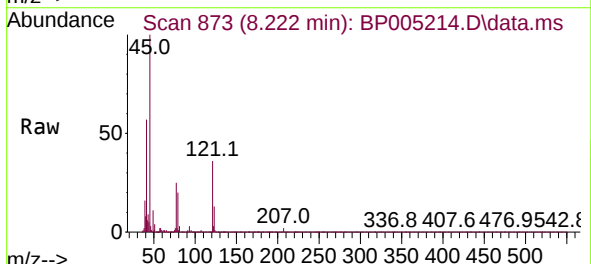
mohammad

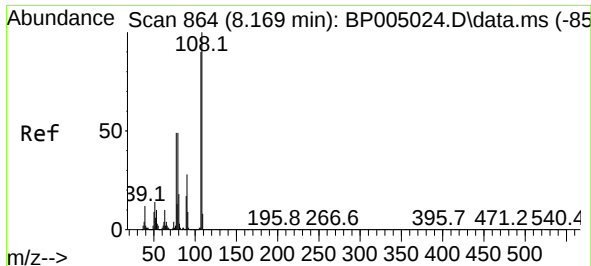
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 43.13 ng  
RT: 8.222 min Scan# 873  
Delta R.T. -0.006 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

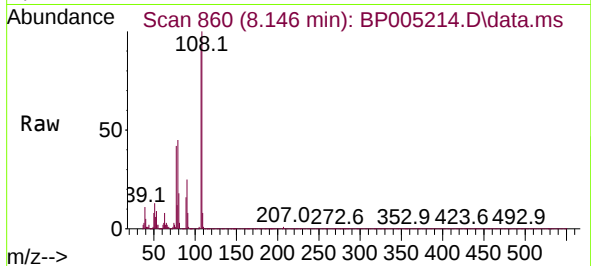
Tgt Ion: 45 Resp: 65648  
Ion Ratio Lower Upper  
45 100  
77 24.7 2.3 42.3  
79 19.7 0.0 36.6





#17  
2-Methylphenol  
Concen: 42.04 ng  
RT: 8.146 min Scan# 860  
Delta R.T. 0.000 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

Instrument :  
BNA\_P  
ClientSampleId :  
PB135552BS

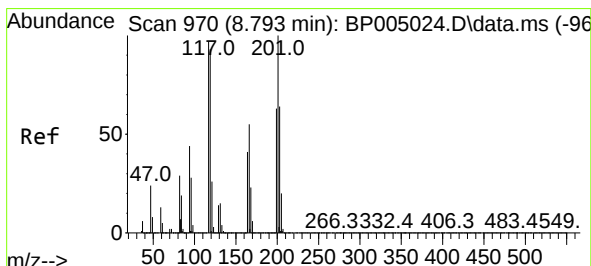
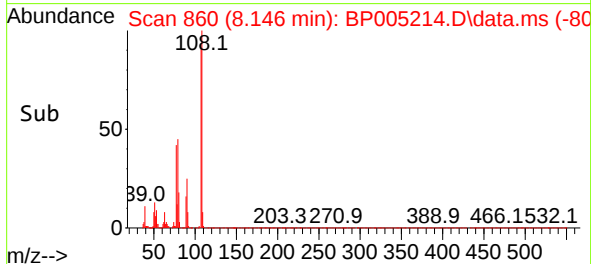
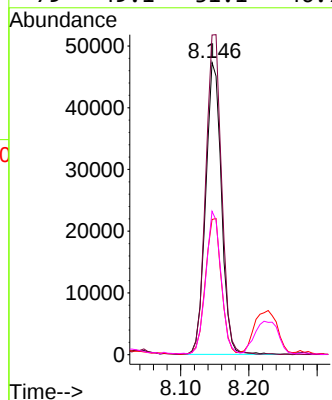


| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 109.5 | 89.6  | 134.4 |
| 77      | 46.3  | 31.8  | 47.6  |
| 79      | 49.1  | 31.1  | 46.7# |

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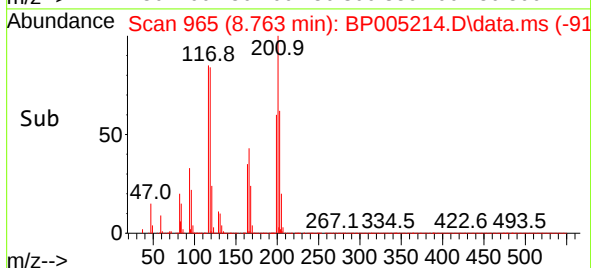
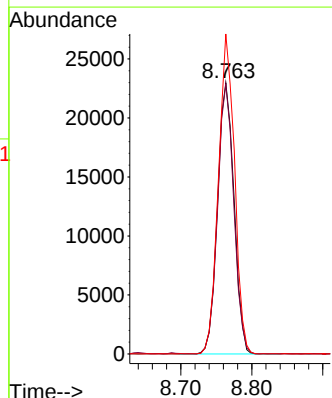
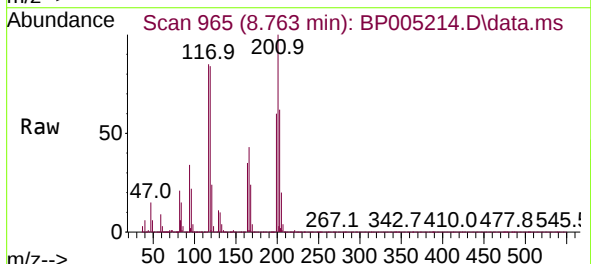
mohammad

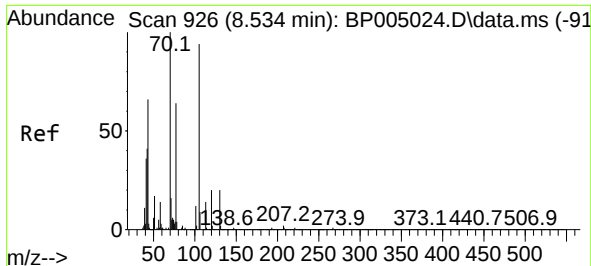
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#18  
Hexachloroethane  
Concen: 42.19 ng  
RT: 8.763 min Scan# 965  
Delta R.T. 0.000 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

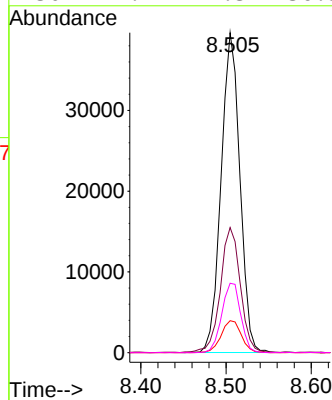
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 99.5  | 78.8  | 118.2 |
| 201     | 118.1 | 92.3  | 138.5 |





#19  
n-Nitroso-di-n-propylamine  
Concen: 33.78 ng  
RT: 8.505 min Scan# 921  
Delta R.T. 0.000 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

|             |             |
|-------------|-------------|
| Tgt Ion: 70 | Resp: 60612 |
| Ion Ratio   | Lower Upper |
| 70 100      |             |
| 42 39.1     | 32.8 49.2   |
| 101 10.0    | 9.6 14.4    |
| 130 21.7    | 24.3 36.5#  |

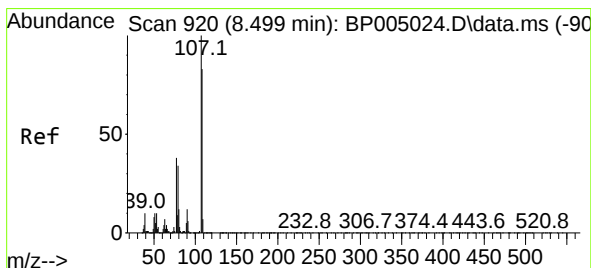
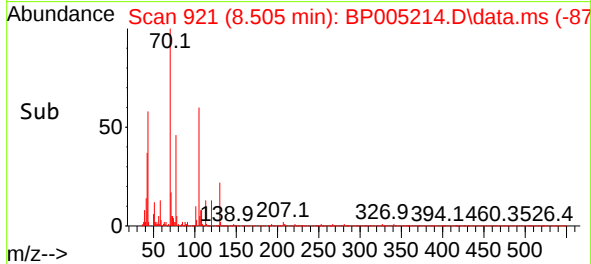
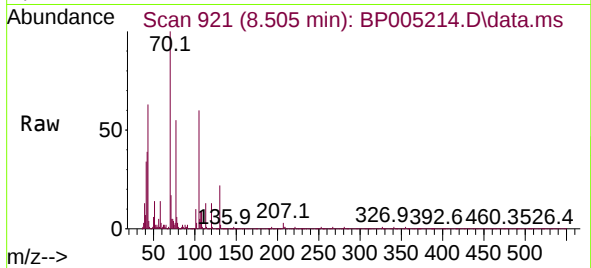


Instrument :  
BNA\_P  
ClientSampleId :  
PB135552BS

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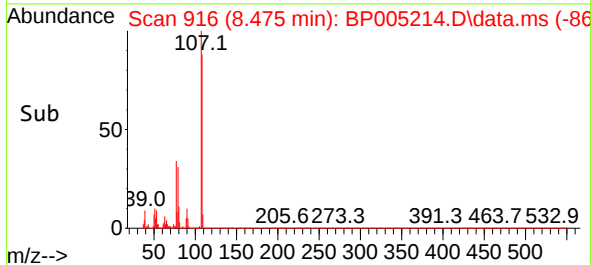
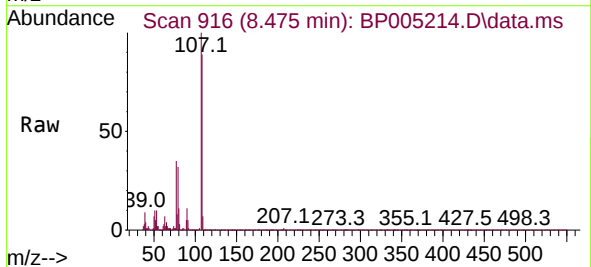
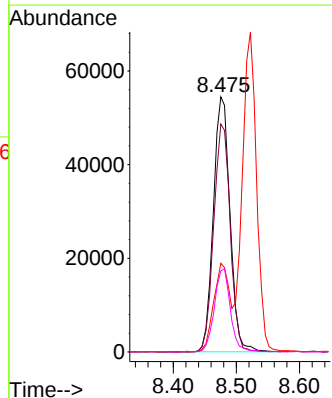
mohammad

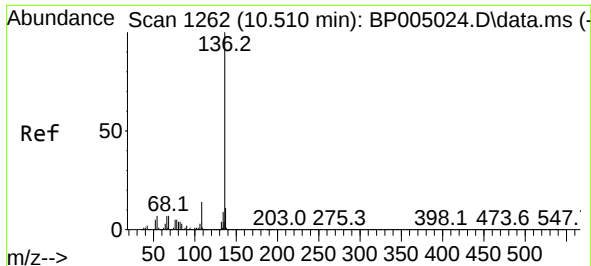
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#20  
3+4-Methylphenols  
Concen: 40.33 ng  
RT: 8.475 min Scan# 916  
Delta R.T. 0.000 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

|              |             |
|--------------|-------------|
| Tgt Ion: 107 | Resp: 99622 |
| Ion Ratio    | Lower Upper |
| 107 100      |             |
| 108 89.3     | 69.0 109.0  |
| 77 34.7      | 8.5 48.5    |
| 79 31.7      | 4.8 44.8    |





#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.487 min Scan# 1258  
Delta R.T. 0.000 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

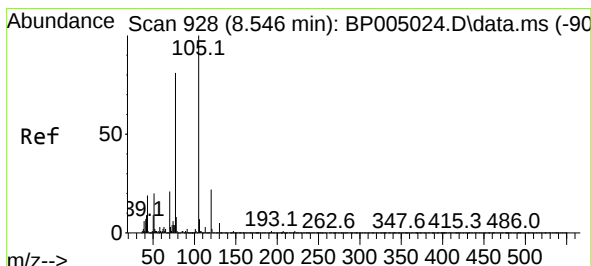
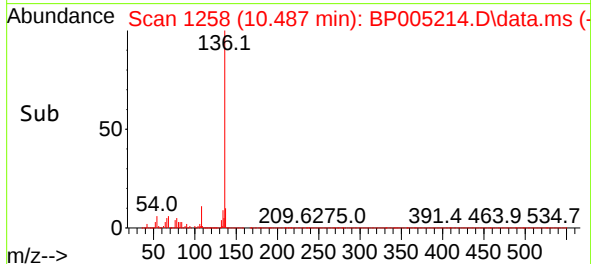
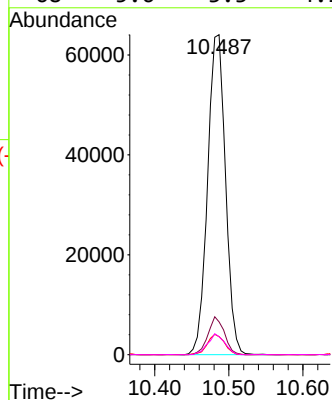
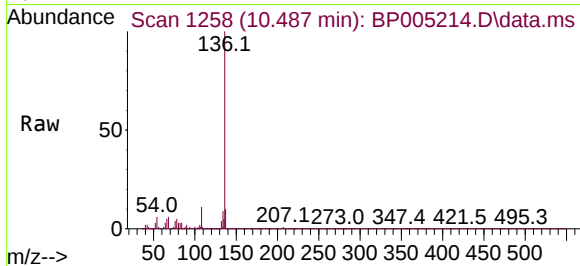
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 107553 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 10.2  | 8.6   | 13.0   |
| 54        | 5.6   | 3.6   | 5.4#   |
| 68        | 5.6   | 3.3   | 4.9#   |

Instrument :  
BNA\_P  
ClientSampleId :  
PB135552BS

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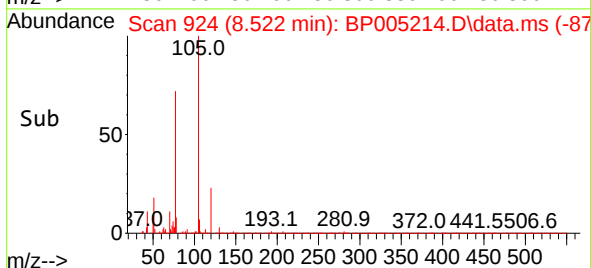
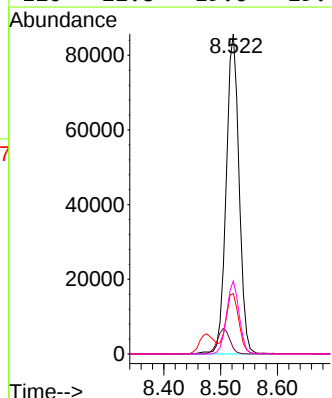
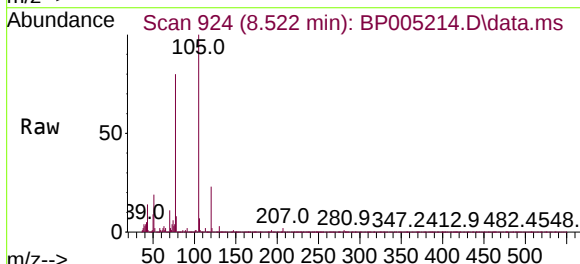
mohammad

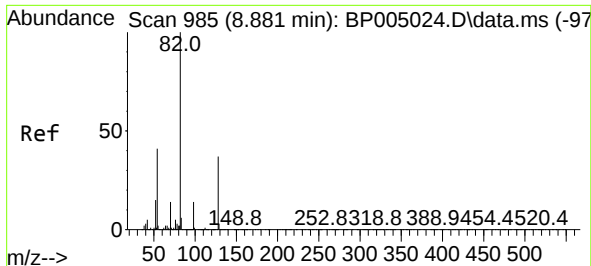
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#22  
Acetophenone  
Concen: 43.86 ng  
RT: 8.522 min Scan# 924  
Delta R.T. 0.000 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 135632 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 1.8   | 2.6   | 3.8#   |
| 51        | 18.9  | 13.5  | 20.3   |
| 120       | 22.8  | 19.6  | 29.4   |





#23  
Nitrobenzene-d5  
Concen: 78.77 ng  
RT: 8.858 min Scan# 981  
Delta R.T. 0.000 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

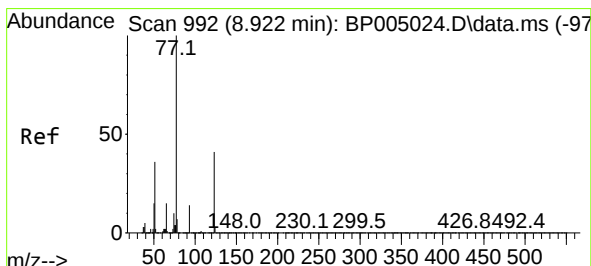
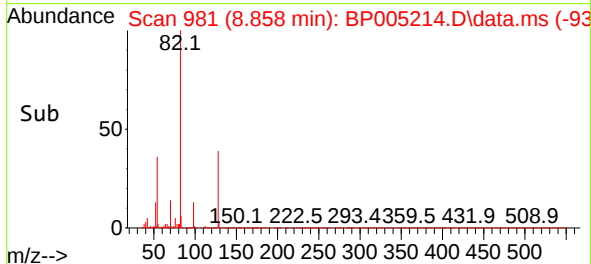
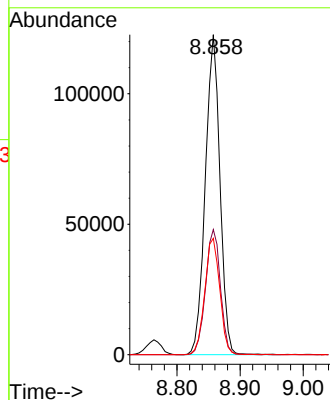
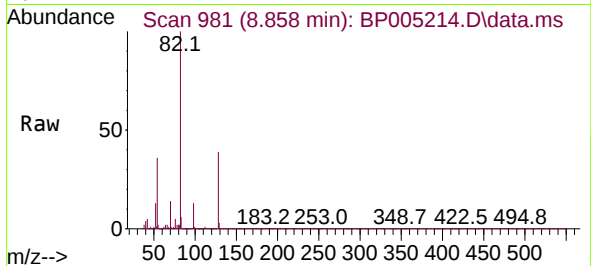
Tgt Ion: 82 Resp: 197450  
Ion Ratio Lower Upper  
82 100  
128 39.1 45.6 68.4#  
54 36.3 30.1 45.1

Instrument :  
BNA\_P  
ClientSampleId :  
PB135552BS

Manual Integrations  
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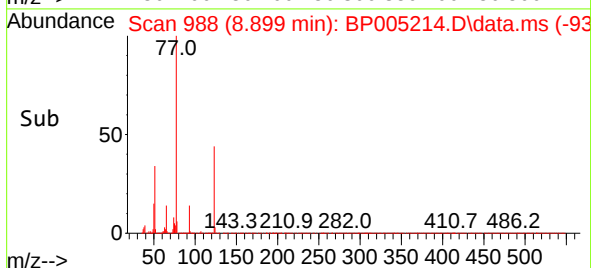
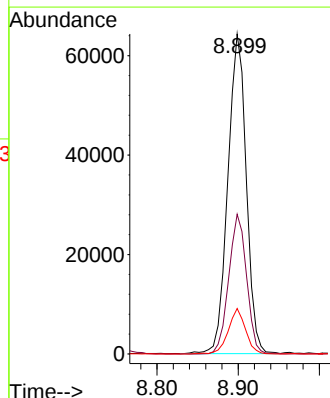
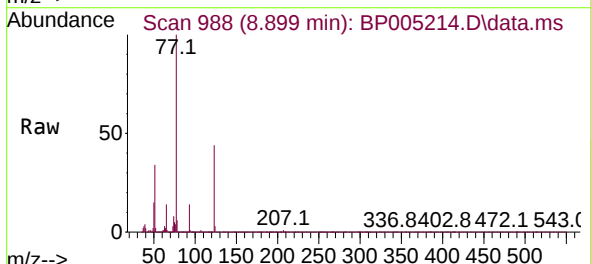
mohammad

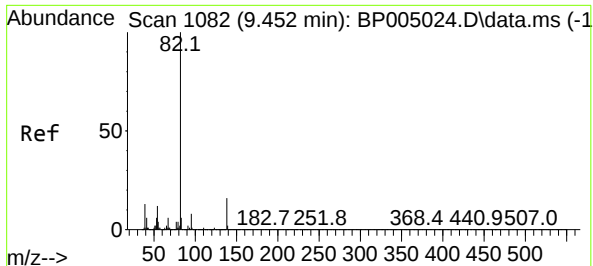
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#24  
Nitrobenzene  
Concen: 38.39 ng  
RT: 8.899 min Scan# 988  
Delta R.T. 0.000 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

Tgt Ion: 77 Resp: 101416  
Ion Ratio Lower Upper  
77 100  
123 43.6 48.6 72.8#  
65 14.2 10.0 15.0





#25  
Isophorone  
Concen: 39.20 ng  
RT: 9.422 min Scan# 1077  
Delta R.T. 0.000 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

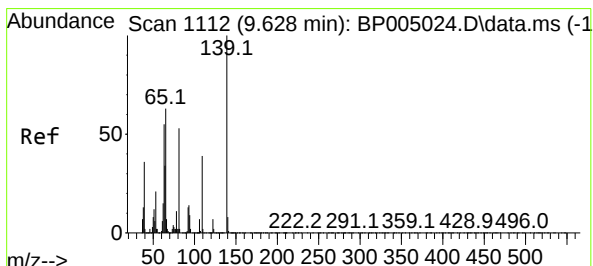
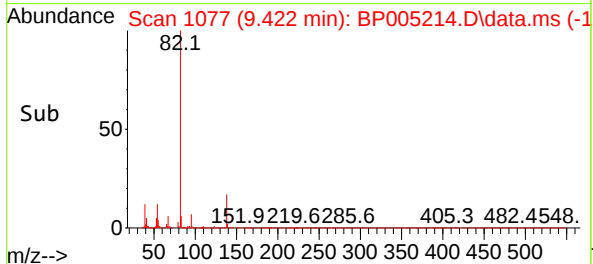
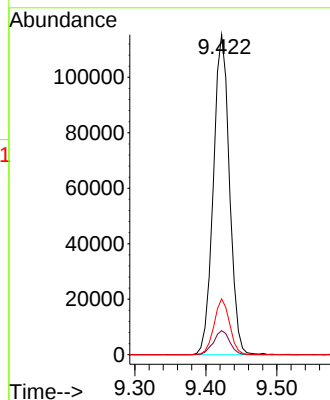
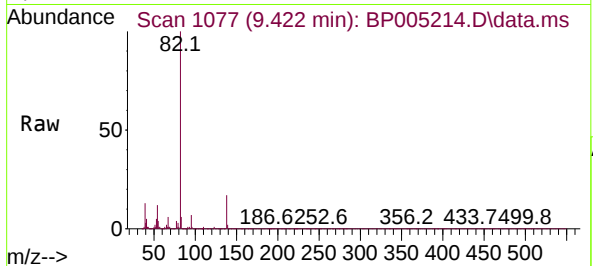
Tgt Ion: 82 Resp: 181350  
Ion Ratio Lower Upper  
82 100  
95 7.5 6.4 9.6  
138 17.4 18.7 28.1#

Instrument :  
BNA\_P  
ClientSampleId :  
PB135552BS

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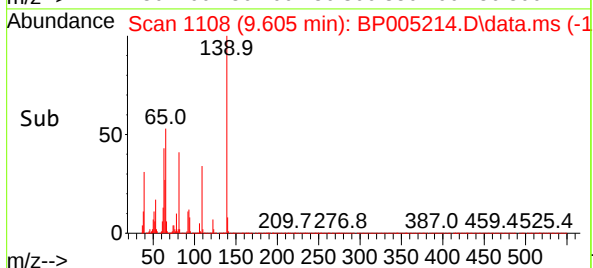
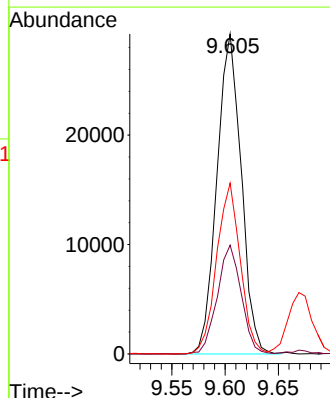
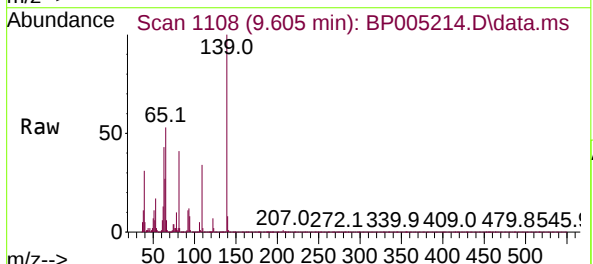
mohammad

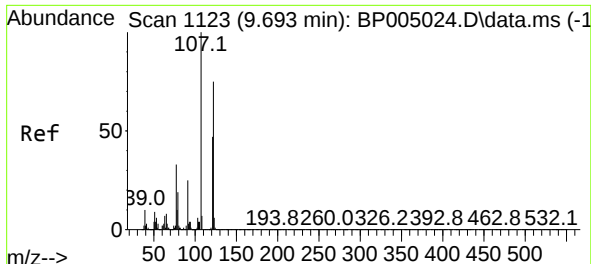
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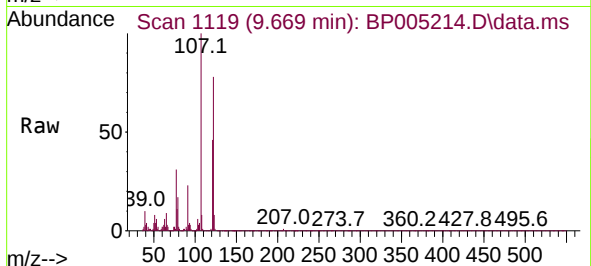
#26  
2-Nitrophenol  
Concen: 45.19 ng  
RT: 9.605 min Scan# 1108  
Delta R.T. 0.000 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

Tgt Ion: 139 Resp: 46301  
Ion Ratio Lower Upper  
139 100  
109 34.0 22.1 33.1#  
65 53.4 26.5 39.7#

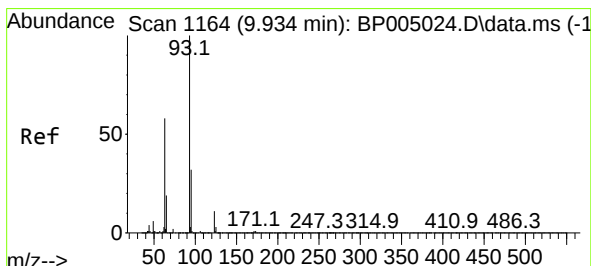
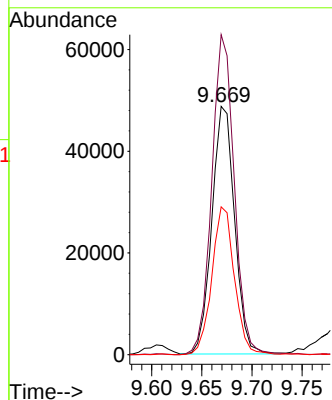
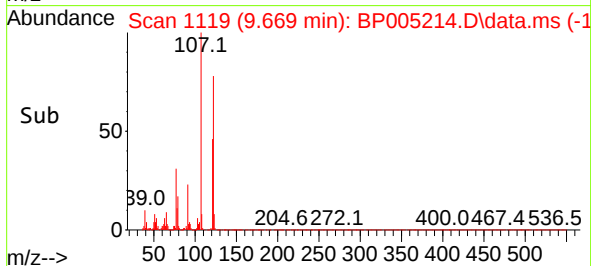




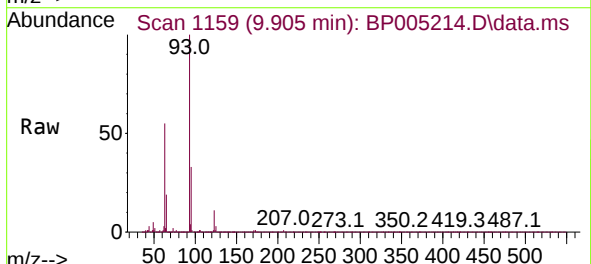
#27  
2,4-Dimethylphenol  
Concen: 46.57 ng  
RT: 9.669 min Scan# 1119  
Delta R.T. 0.000 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13



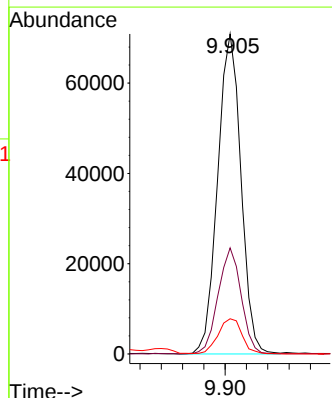
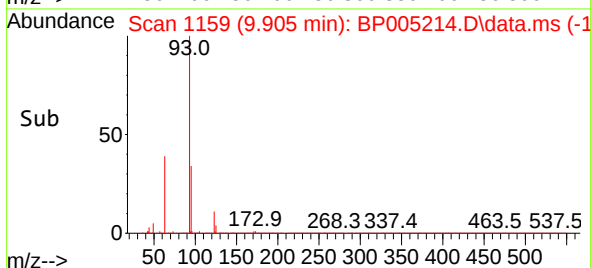
Tgt Ion: 122 Resp: 76716  
Ion Ratio Lower Upper  
122 100  
107 128.9 87.3 130.9  
121 59.5 47.3 70.9



#28  
bis(2-Chloroethoxy)methane  
Concen: 45.88 ng  
RT: 9.905 min Scan# 1159  
Delta R.T. 0.000 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13



Tgt Ion: 93 Resp: 107442  
Ion Ratio Lower Upper  
93 100  
95 33.1 26.7 40.1  
123 11.0 10.5 15.7

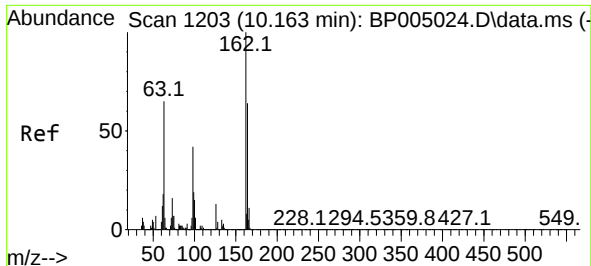


Instrument :  
BNA\_P  
ClientSampleId :  
PB135552BS

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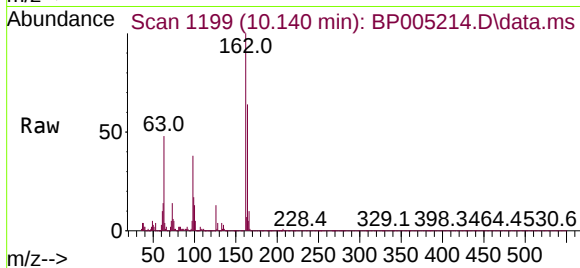
mohammad

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#29  
2,4-Dichlorophenol  
Concen: 43.58 ng  
RT: 10.140 min Scan# 1199  
Delta R.T. 0.000 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

Instrument :  
BNA\_P  
ClientSampleId :  
PB135552BS

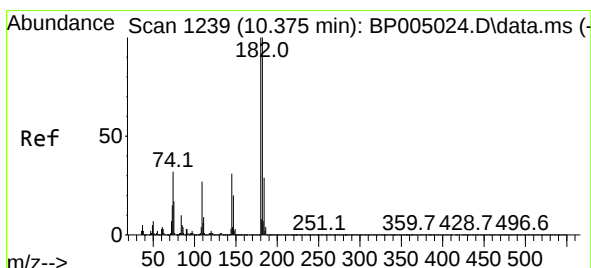
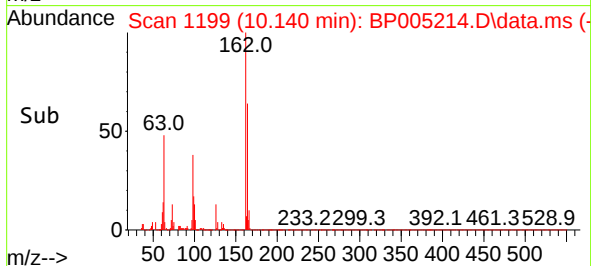
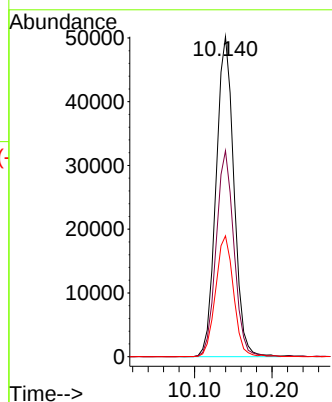


Tgt Ion:162 Resp: 80331  
Ion Ratio Lower Upper  
162 100  
164 64.4 45.8 85.8  
98 37.8 10.2 50.2

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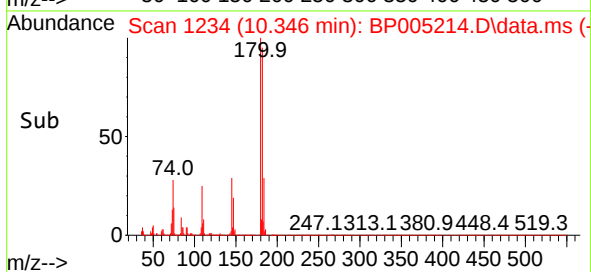
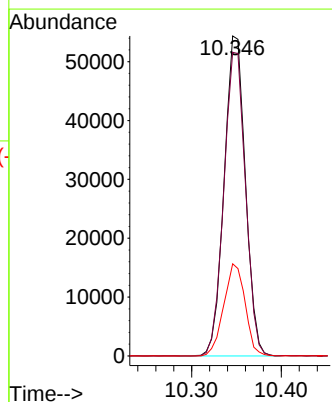
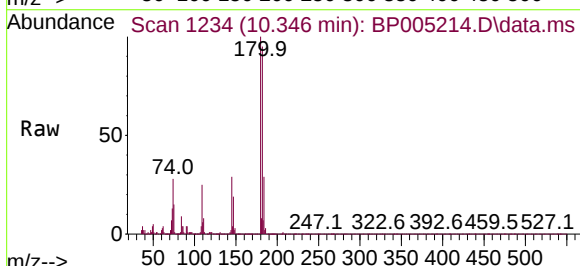
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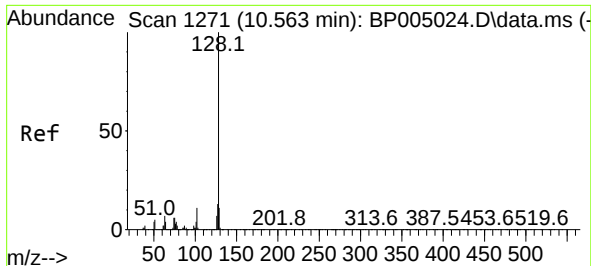
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#30  
1,2,4-Trichlorobenzene  
Concen: 43.15 ng  
RT: 10.346 min Scan# 1234  
Delta R.T. -0.006 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

Tgt Ion:180 Resp: 89340  
Ion Ratio Lower Upper  
180 100  
182 94.9 76.2 114.2  
145 28.8 23.8 35.8





#31  
Naphthalene  
Concen: 41.19 ng  
RT: 10.534 min Scan# 1266  
Delta R.T. 0.000 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

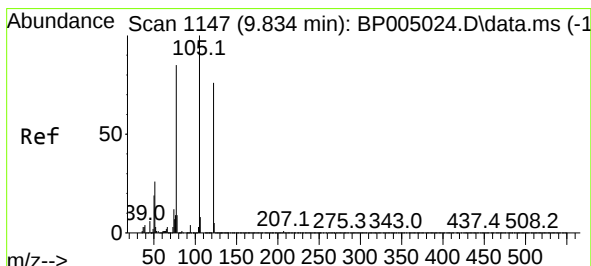
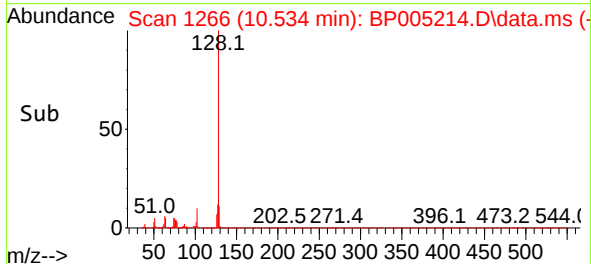
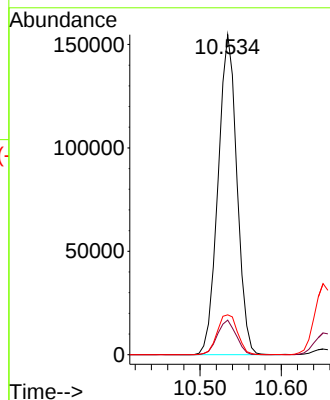
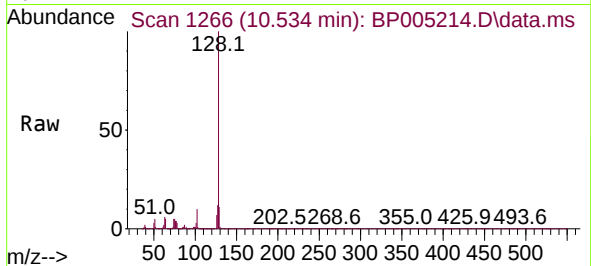
Tgt Ion:128 Resp: 250280  
Ion Ratio Lower Upper  
128 100  
129 10.8 8.8 13.2  
127 12.4 10.6 15.8

Instrument :  
BNA\_P  
ClientSampleId :  
PB135552BS

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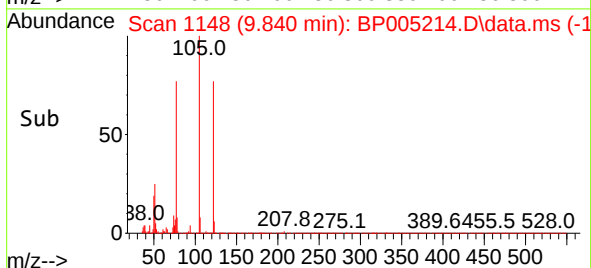
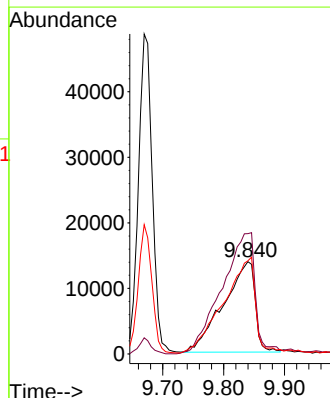
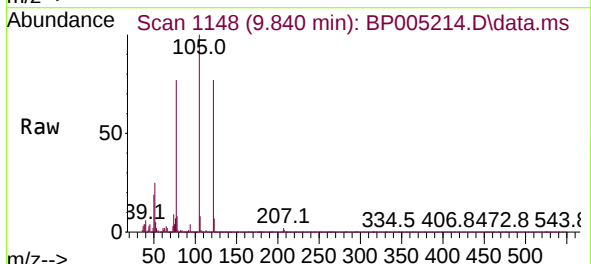
mohammad

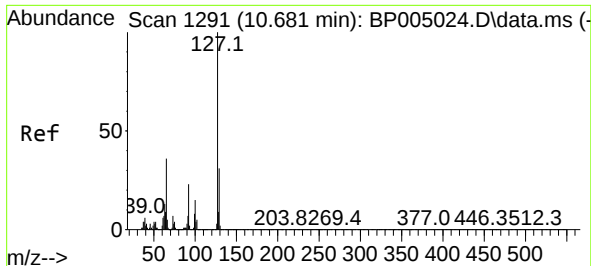
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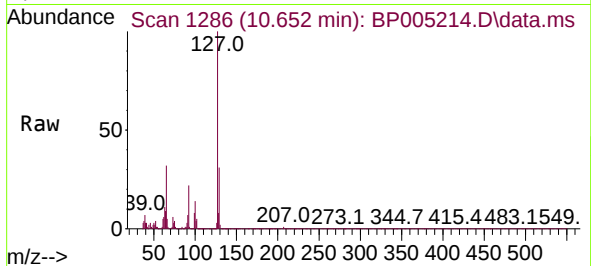
#32  
Benzoic acid  
Concen: 40.71 ng  
RT: 9.840 min Scan# 1148  
Delta R.T. 0.012 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

Tgt Ion:122 Resp: 49788  
Ion Ratio Lower Upper  
122 100  
105 130.3 94.1 134.1  
77 101.0 50.1 90.1#

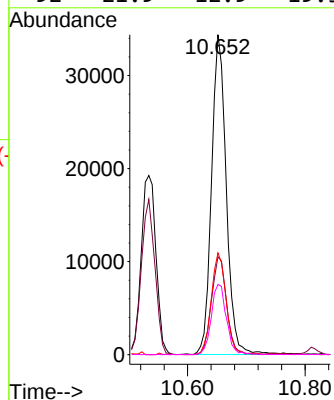




#33  
4-Chloroaniline  
Concen: 24.34 ng  
RT: 10.652 min Scan# 1286  
Delta R.T. 0.000 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 30.6  | 25.7  | 38.5  |
| 65      | 31.8  | 17.3  | 25.9# |
| 92      | 21.9  | 12.9  | 19.3# |

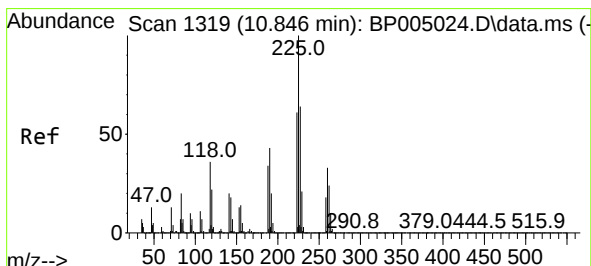
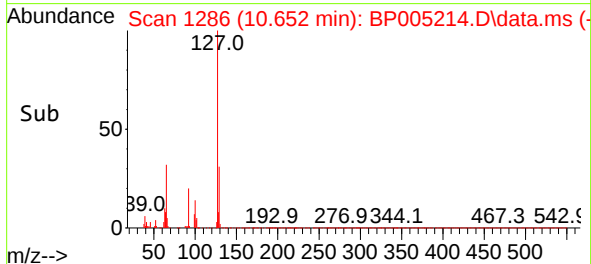


Instrument :  
BNA\_P  
ClientSampleId :  
PB135552BS

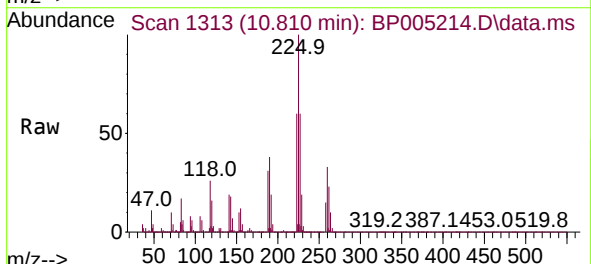
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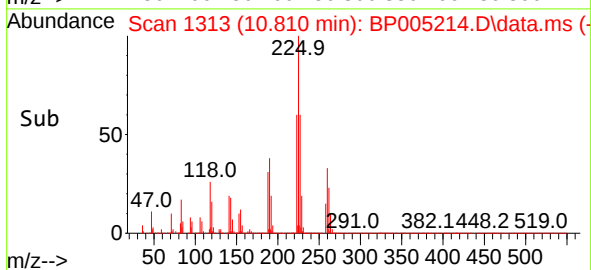
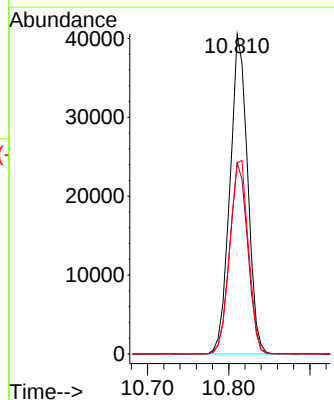
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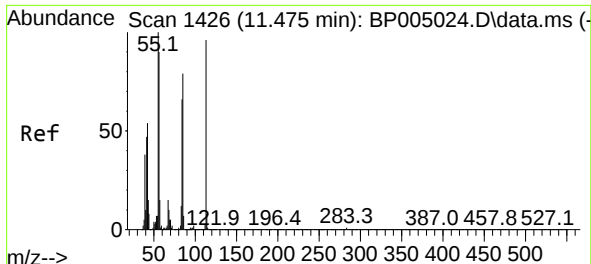


#34  
Hexachlorobutadiene  
Concen: 45.80 ng  
RT: 10.810 min Scan# 1313  
Delta R.T. -0.006 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 59.8  | 50.1  | 75.1  |
| 227     | 59.6  | 51.4  | 77.2  |





#35  
Caprolactam  
Concen: 44.57 ng m  
RT: 11.463 min Scan# 1424  
Delta R.T. 0.012 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

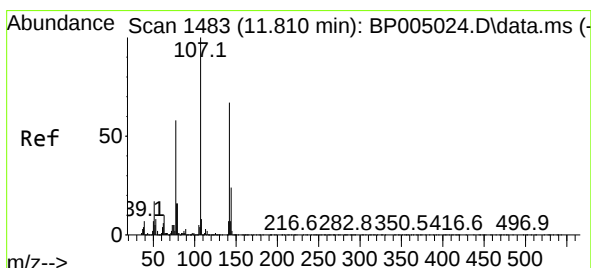
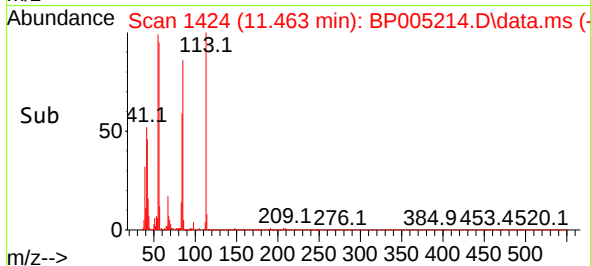
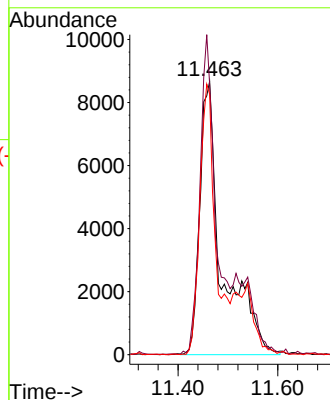
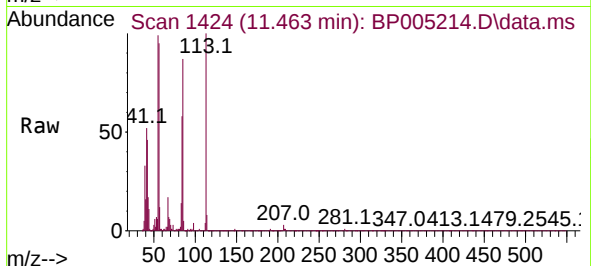
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 98.8  | 77.3  | 117.3 |
| 56      | 95.3  | 55.9  | 95.9  |

Instrument :  
BNA\_P  
ClientSampleId :  
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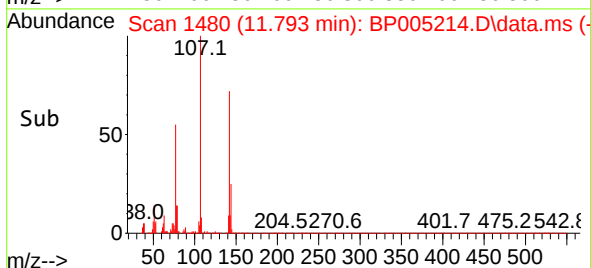
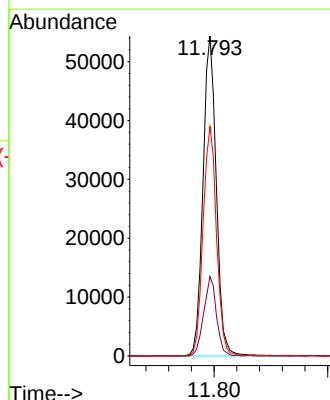
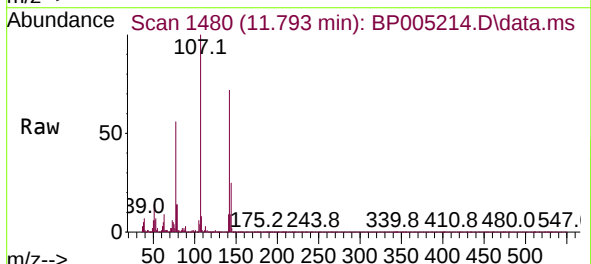
mohammad

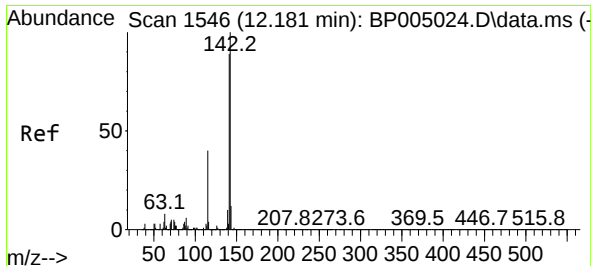
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#36  
4-Chloro-3-methylphenol  
Concen: 39.54 ng  
RT: 11.793 min Scan# 1480  
Delta R.T. 0.000 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 24.9  | 22.7  | 34.1  |
| 142     | 71.7  | 70.7  | 106.1 |





#37  
2-Methylnaphthalene  
Concen: 40.51 ng  
RT: 12.157 min Scan# 1542  
Delta R.T. 0.000 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

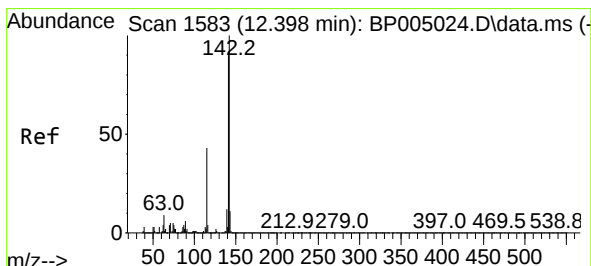
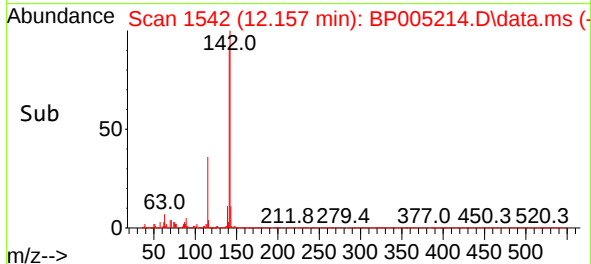
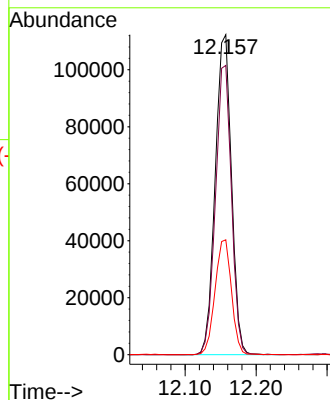
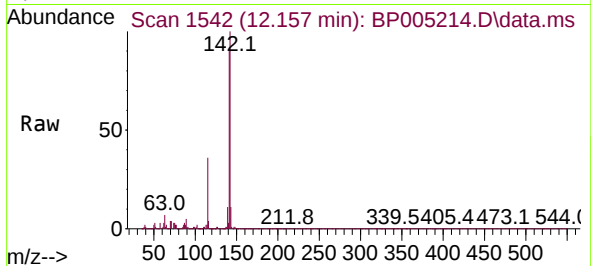
Tgt Ion:142 Resp: 177709  
Ion Ratio Lower Upper  
142 100  
141 90.4 71.4 107.2  
115 35.9 25.8 38.6

Instrument :  
BNA\_P  
ClientSampleId :  
PB135552BS

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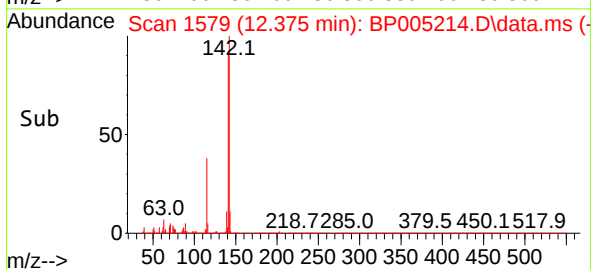
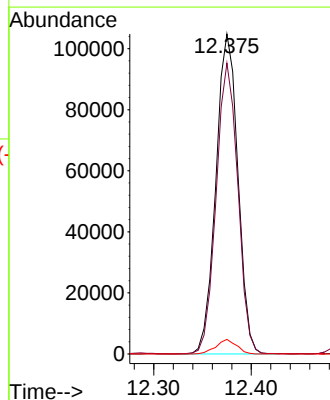
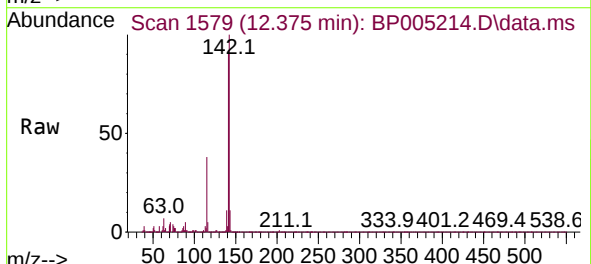
mohammad

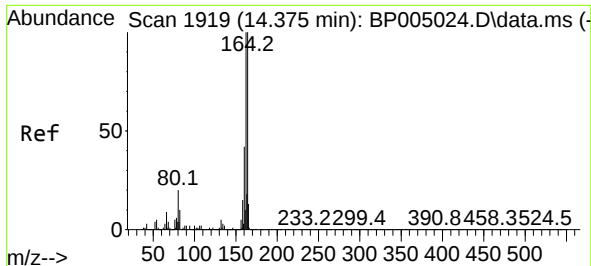
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#38  
1-Methylnaphthalene  
Concen: 39.88 ng m  
RT: 12.375 min Scan# 1579  
Delta R.T. 0.000 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

Tgt Ion:142 Resp: 164005  
Ion Ratio Lower Upper  
142 100  
141 90.9 74.4 111.6  
116 4.5 2.9 4.3#





#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.351 min Scan# 1915  
Delta R.T. 0.000 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

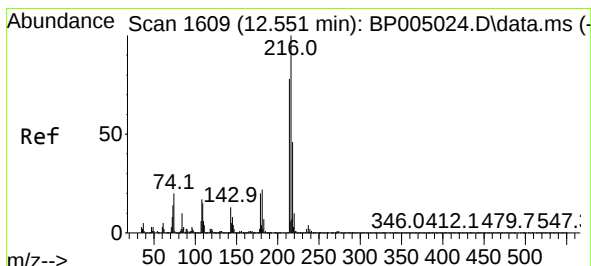
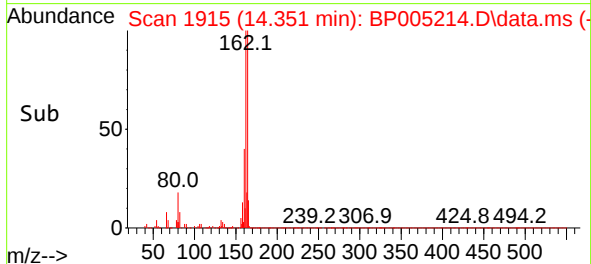
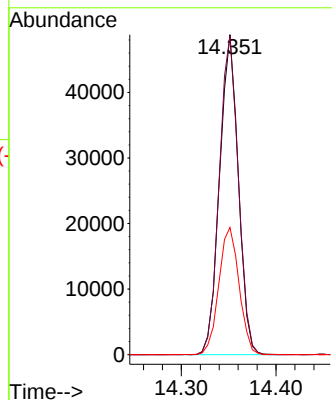
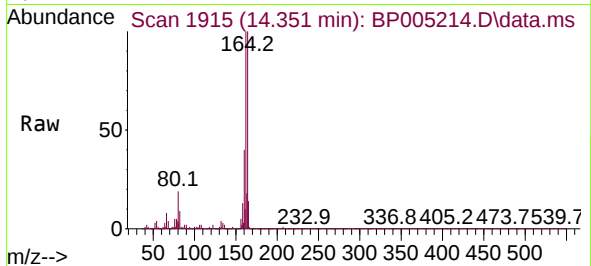
Tgt Ion:164 Resp: 67148  
Ion Ratio Lower Upper  
164 100  
162 99.7 79.4 119.2  
160 39.8 36.1 54.1

Instrument :  
BNA\_P  
ClientSampleId :  
PB135552BS

Manual Integrations  
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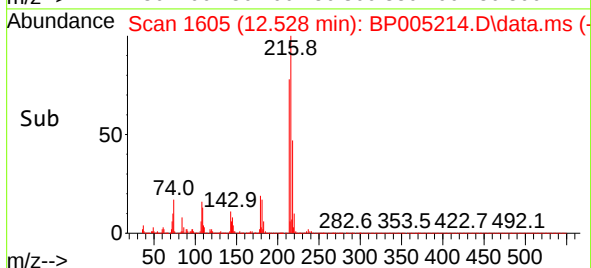
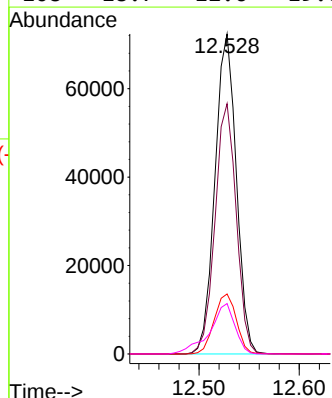
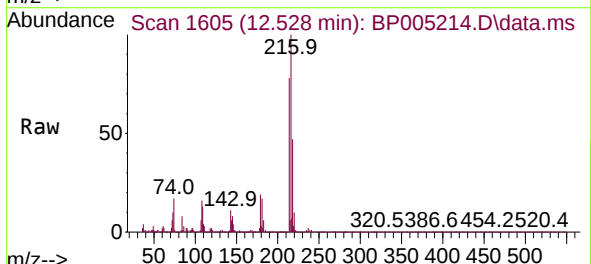
mohammad

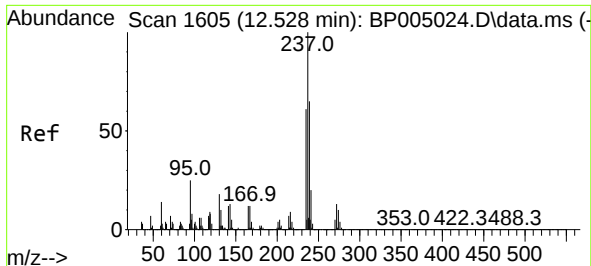
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#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 48.93 ng  
RT: 12.528 min Scan# 1605  
Delta R.T. 0.000 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

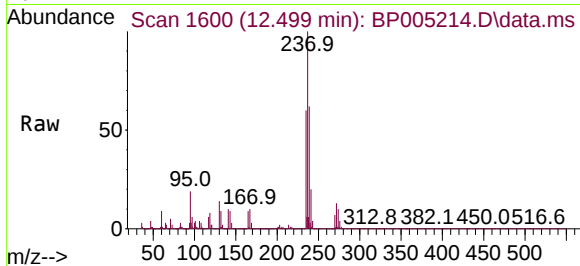
Tgt Ion:216 Resp: 106982  
Ion Ratio Lower Upper  
216 100  
214 77.7 63.0 94.6  
179 19.5 16.9 25.3  
108 18.7 12.6 19.0





#41  
Hexachlorocyclopentadiene  
Concen: 109.75 ng  
RT: 12.499 min Scan# 1600  
Delta R.T. -0.006 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

Instrument :  
BNA\_P  
ClientSampleId :  
PB135552BS

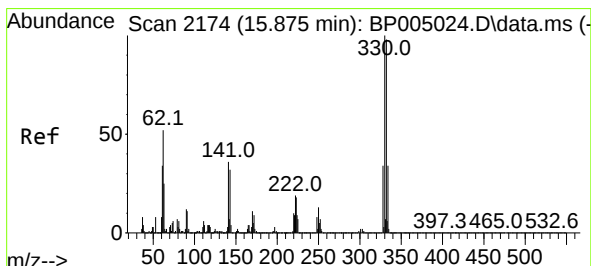
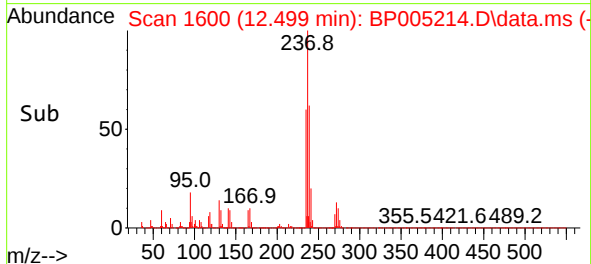
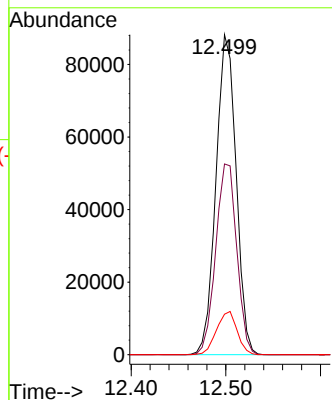


Tgt Ion: 237 Resp: 130539  
Ion Ratio Lower Upper  
237 100  
235 59.6 43.2 83.2  
272 12.7 0.0 33.3

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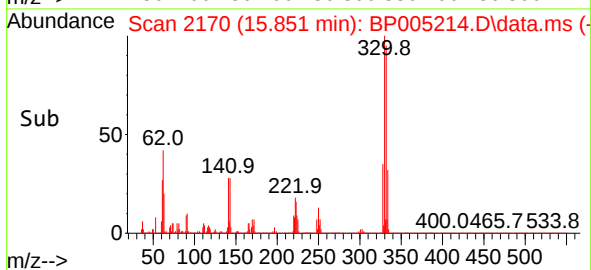
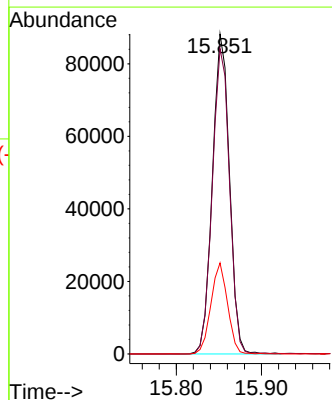
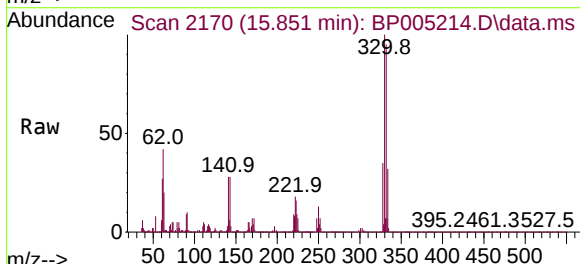
mohammad

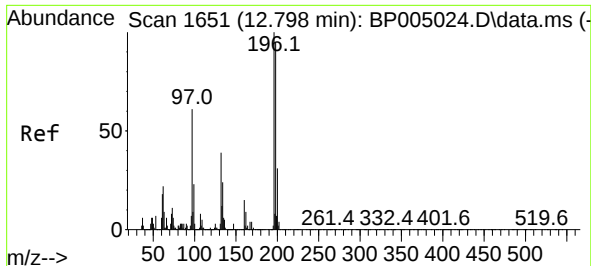
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#42  
2,4,6-Tribromophenol  
Concen: 140.55 ng  
RT: 15.851 min Scan# 2170  
Delta R.T. -0.006 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

Tgt Ion: 330 Resp: 122968  
Ion Ratio Lower Upper  
330 100  
332 96.6 77.1 115.7  
141 27.7 23.4 35.2





#43  
2,4,6-Trichlorophenol  
Concen: 44.99 ng  
RT: 12.775 min Scan# 1647  
Delta R.T. 0.000 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

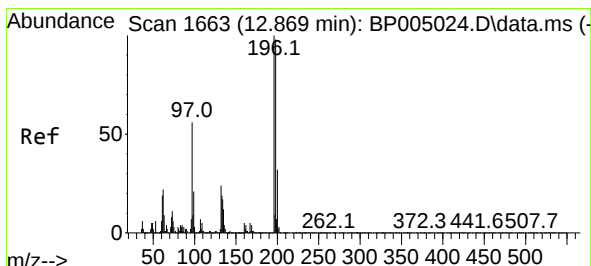
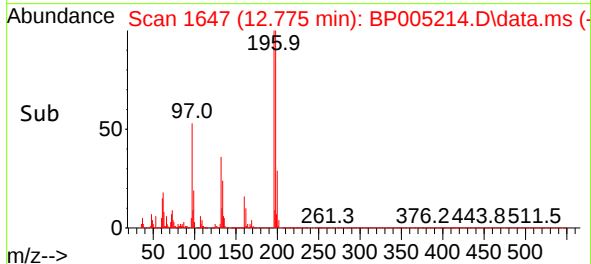
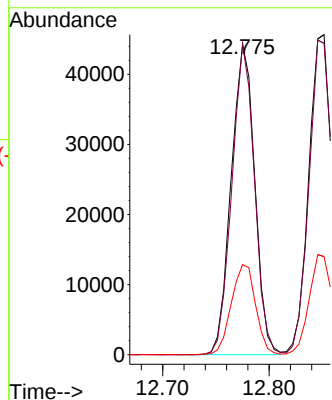
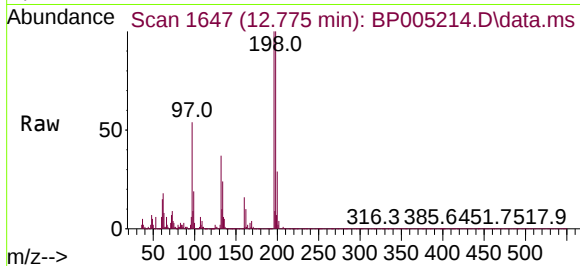
Tgt Ion:196 Resp: 68003  
Ion Ratio Lower Upper  
196 100  
198 99.8 77.0 115.6  
200 29.0 25.1 37.7

Instrument :  
BNA\_P  
ClientSampleId :  
PB135552BS

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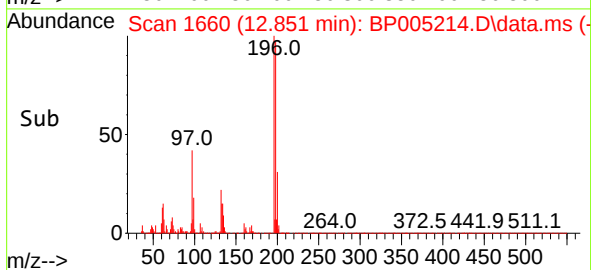
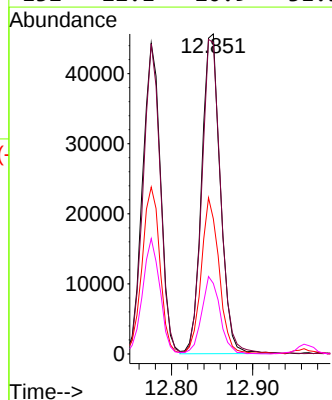
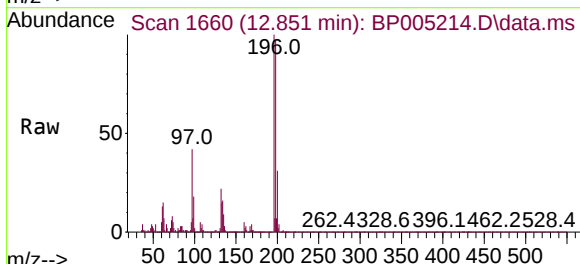
mohammad

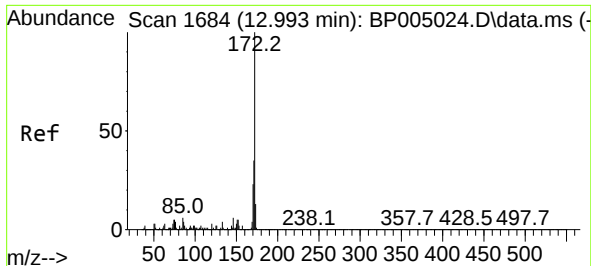
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#44  
2,4,5-Trichlorophenol  
Concen: 44.52 ng  
RT: 12.851 min Scan# 1660  
Delta R.T. 0.000 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

Tgt Ion:196 Resp: 72881  
Ion Ratio Lower Upper  
196 100  
198 97.3 77.3 115.9  
97 42.2 31.0 46.4  
132 22.1 20.9 31.3





#45  
2-Fluorobiphenyl  
Concen: 83.41 ng  
RT: 12.969 min Scan# 1680  
Delta R.T. 0.000 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

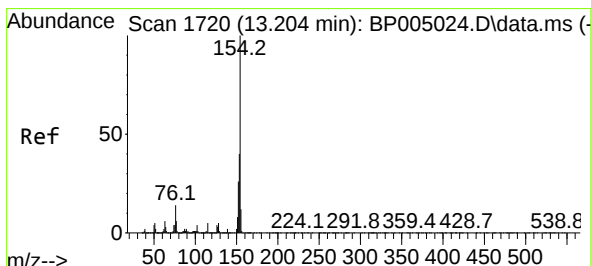
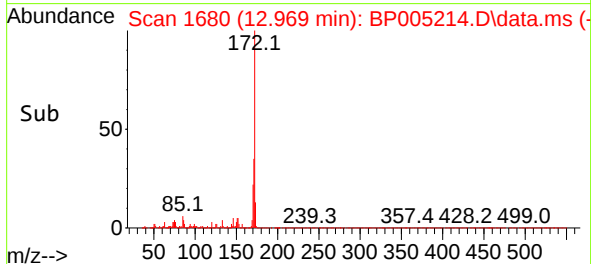
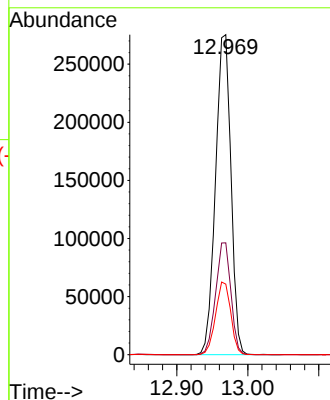
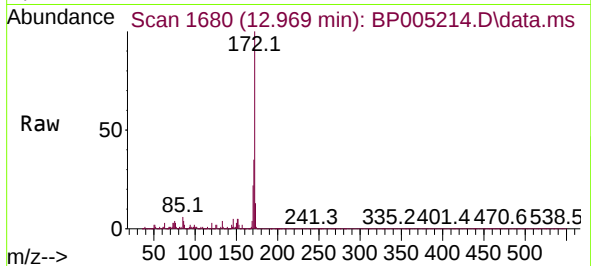
Tgt Ion:172 Resp: 414058  
Ion Ratio Lower Upper  
172 100  
171 35.0 28.5 42.7  
170 22.0 19.2 28.8

Instrument :  
BNA\_P  
ClientSampleId :  
PB135552BS

Manual Integrations  
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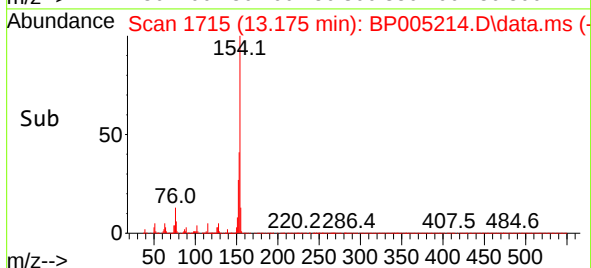
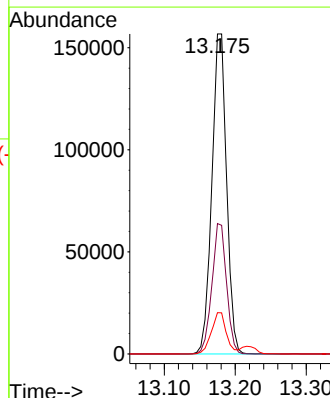
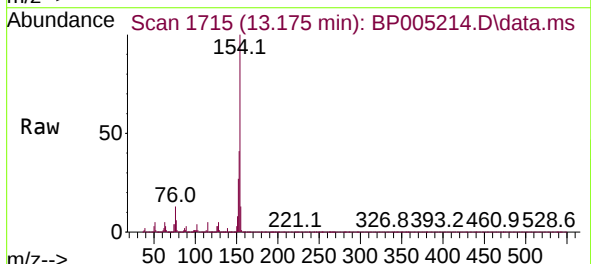
mohammad

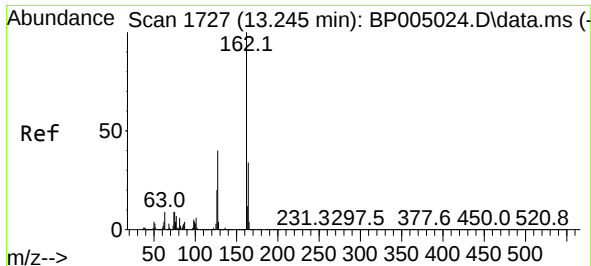
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#46  
1,1'-Biphenyl  
Concen: 44.04 ng  
RT: 13.175 min Scan# 1715  
Delta R.T. -0.006 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

Tgt Ion:154 Resp: 225557  
Ion Ratio Lower Upper  
154 100  
153 40.7 20.4 60.4  
76 12.9 0.0 29.3





#47  
2-Chloronaphthalene  
Concen: 42.92 ng  
RT: 13.222 min Scan# 1723  
Delta R.T. 0.000 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

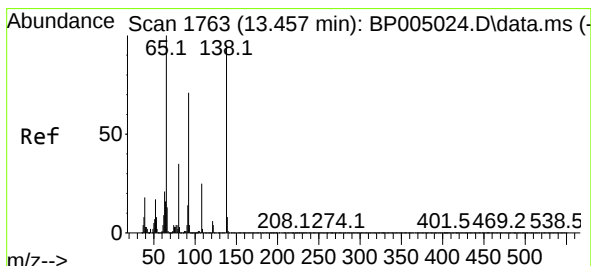
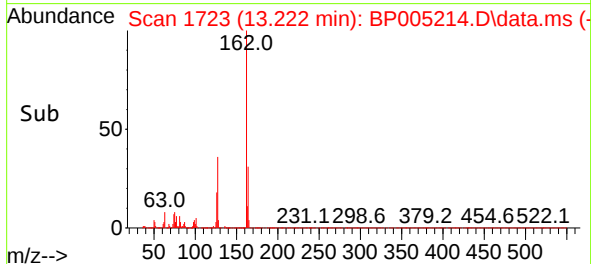
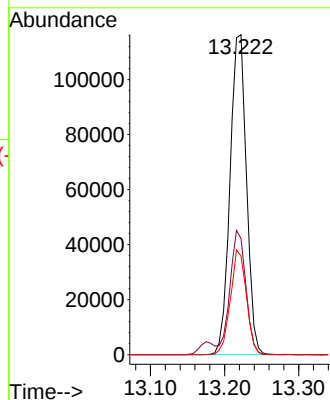
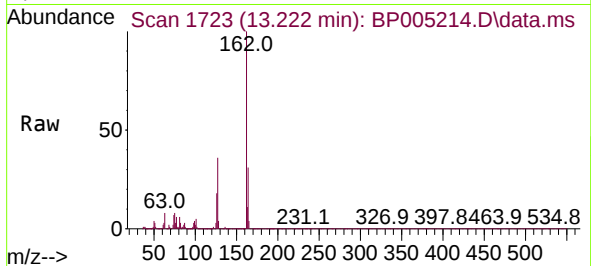
Tgt Ion: 162 Resp: 178933  
Ion Ratio Lower Upper  
162 100  
127 36.3 29.9 44.9  
164 30.8 26.1 39.1

Instrument :  
BNA\_P  
ClientSampleId :  
PB135552BS

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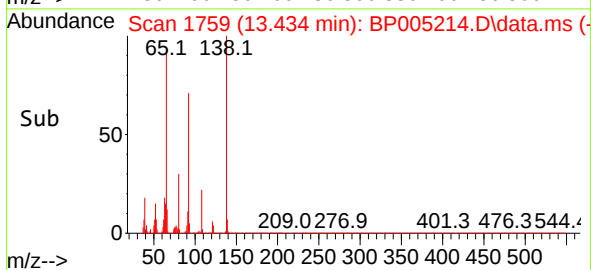
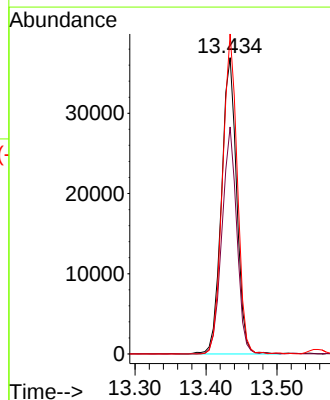
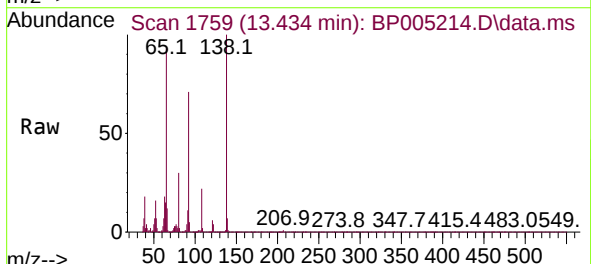
mohammad

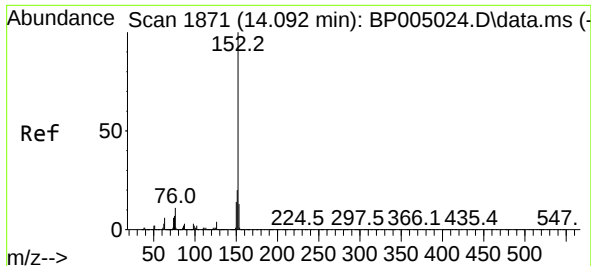
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#48  
2-Nitroaniline  
Concen: 41.10 ng  
RT: 13.434 min Scan# 1759  
Delta R.T. 0.000 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

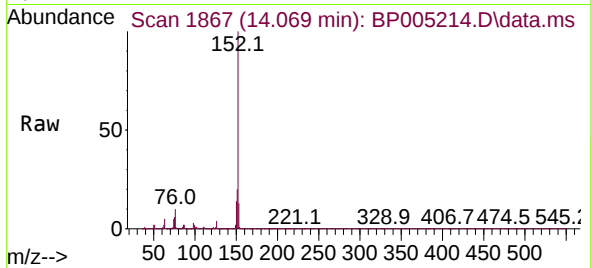
Tgt Ion: 65 Resp: 54594  
Ion Ratio Lower Upper  
65 100  
92 76.6 70.6 106.0  
138 108.0 133.6 200.4#





#49  
Acenaphthylene  
Concen: 44.08 ng  
RT: 14.069 min Scan# 1867  
Delta R.T. -0.006 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

Instrument :  
BNA\_P  
ClientSampleId :  
PB135552BS

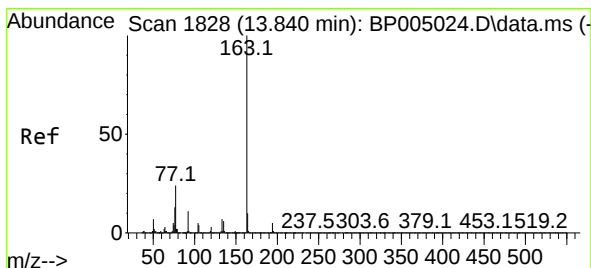
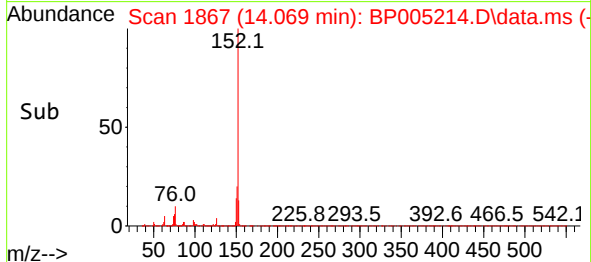
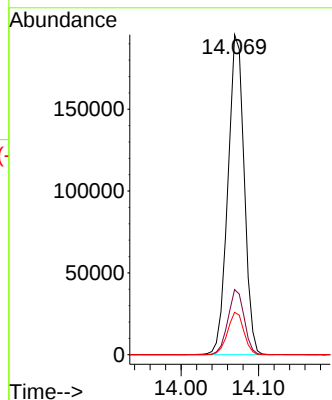


Tgt Ion:152 Resp: 285791  
Ion Ratio Lower Upper  
152 100  
151 20.3 15.9 23.9  
153 13.2 10.5 15.7

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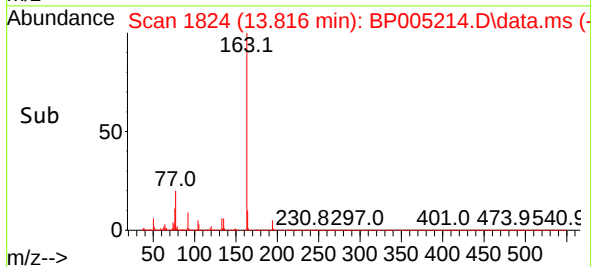
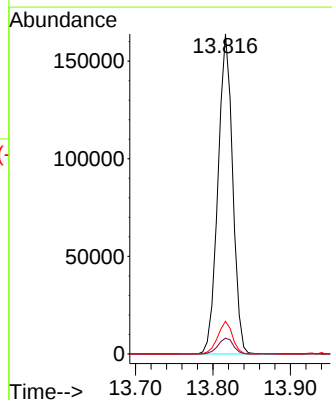
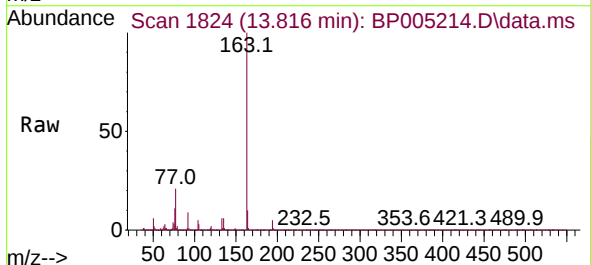
mohammad

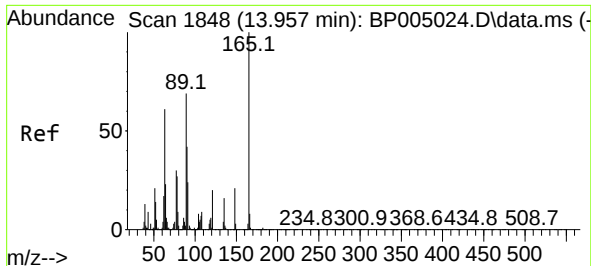
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#50  
Dimethylphthalate  
Concen: 41.69 ng  
RT: 13.816 min Scan# 1824  
Delta R.T. 0.000 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

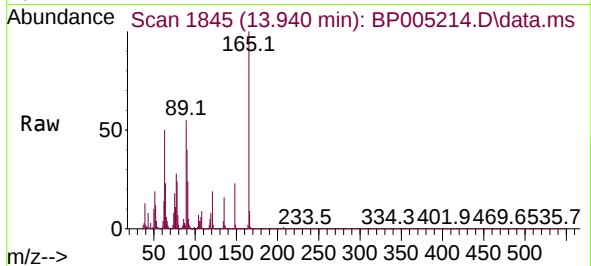
Tgt Ion:163 Resp: 215637  
Ion Ratio Lower Upper  
163 100  
194 5.0 3.3 4.9#  
164 10.2 8.2 12.2





#51  
2,6-Dinitrotoluene  
Concen: 40.97 ng  
RT: 13.940 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

Instrument :  
BNA\_P  
ClientSampleId :  
PB135552BS

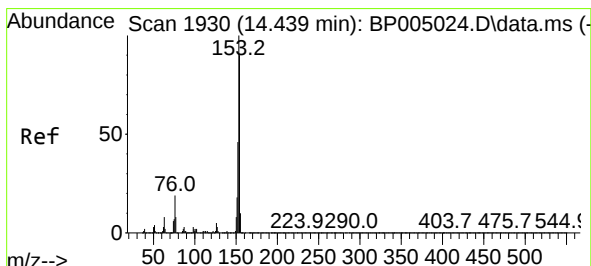
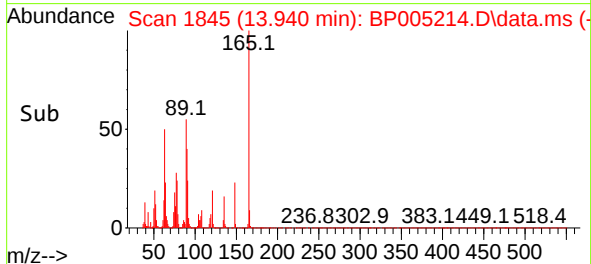
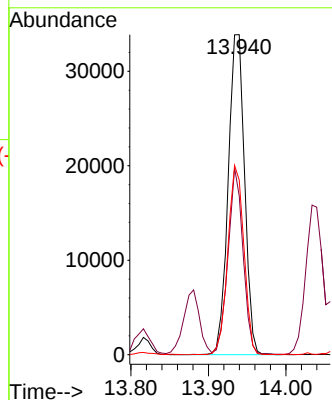


Tgt Ion:165 Resp: 49943  
Ion Ratio Lower Upper  
165 100  
63 49.6 27.8 41.6#  
89 54.5 34.6 52.0#

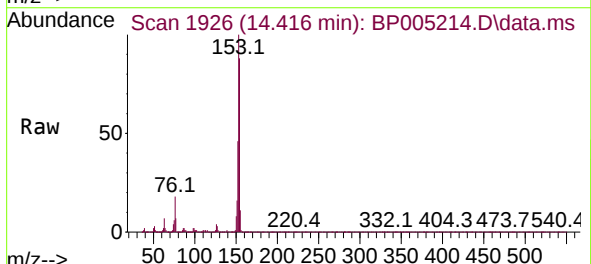
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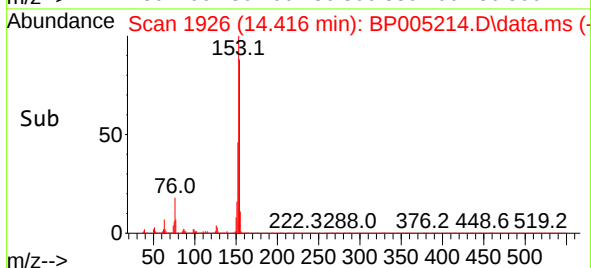
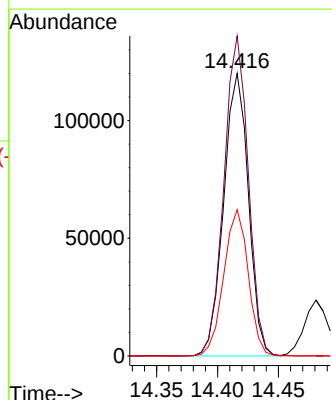
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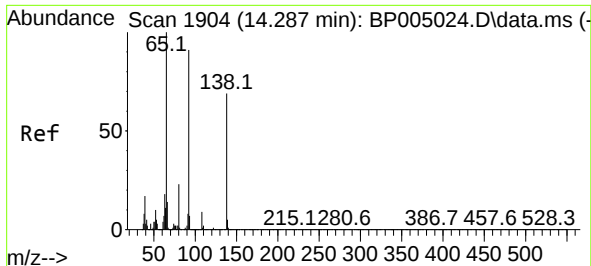


#52  
Acenaphthene  
Concen: 42.57 ng  
RT: 14.416 min Scan# 1926  
Delta R.T. 0.000 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13



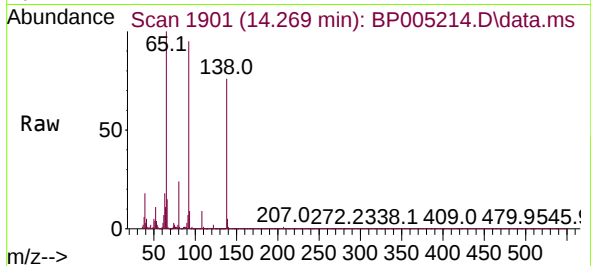
Tgt Ion:154 Resp: 169855  
Ion Ratio Lower Upper  
154 100  
153 113.2 91.0 136.6  
152 51.7 43.0 64.6





#53  
3-Nitroaniline  
Concen: 29.78 ng  
RT: 14.269 min Scan# 1901  
Delta R.T. 0.000 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

Instrument :  
BNA\_P  
ClientSampleId :  
PB135552BS

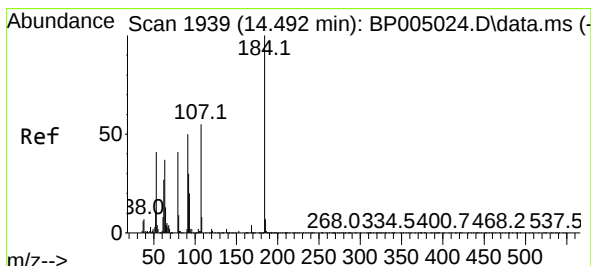
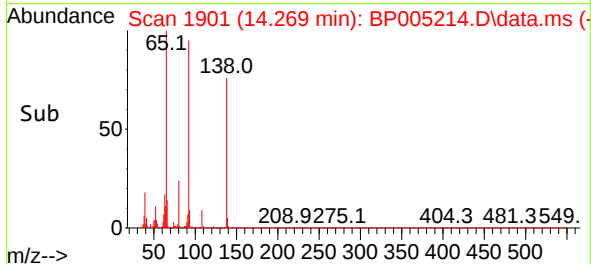
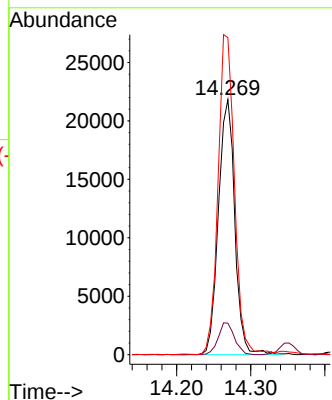


Tgt Ion:138 Resp: 33415  
Ion Ratio Lower Upper  
138 100  
108 12.4 7.5 11.3#  
92 124.3 75.0 112.6#

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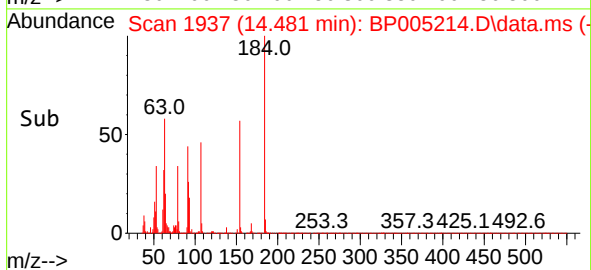
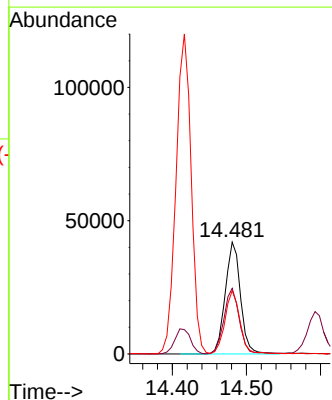
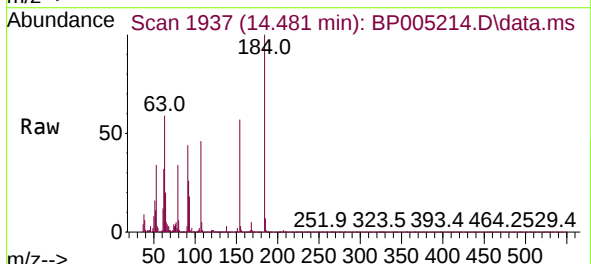
mohammad

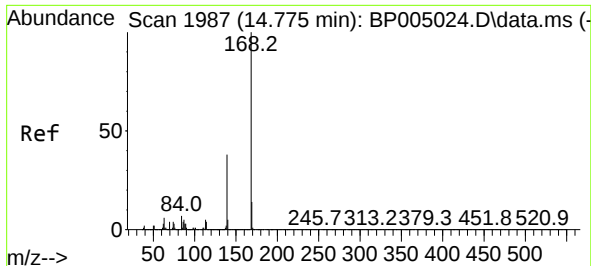
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#54  
2,4-Dinitrophenol  
Concen: 81.28 ng  
RT: 14.481 min Scan# 1937  
Delta R.T. 0.000 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

Tgt Ion:184 Resp: 59996  
Ion Ratio Lower Upper  
184 100  
63 58.6 32.3 48.5#  
154 56.6 49.1 73.7





#55  
Dibenzofuran  
Concen: 40.79 ng  
RT: 14.751 min Scan# 1983  
Delta R.T. -0.006 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

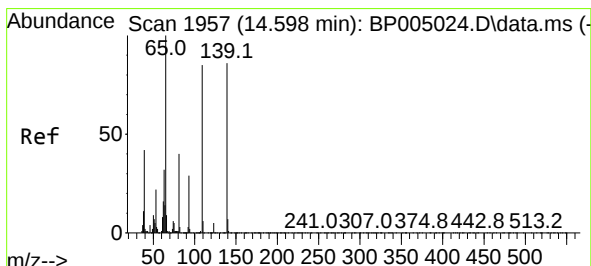
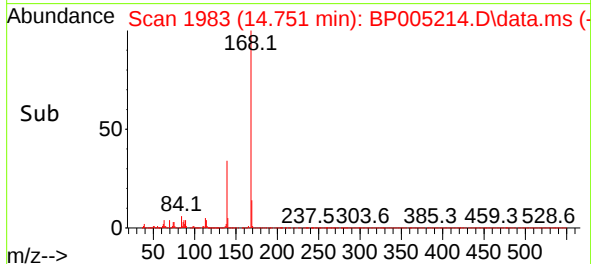
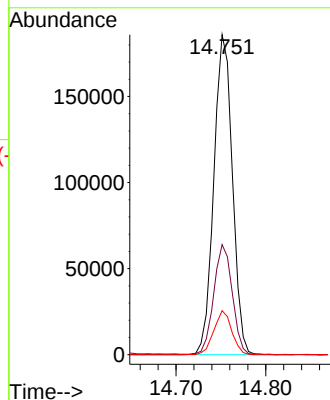
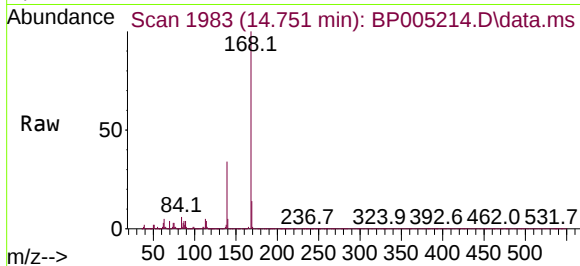
Tgt Ion:168 Resp: 266704  
Ion Ratio Lower Upper  
168 100  
139 34.4 29.1 43.7  
169 13.7 10.4 15.6

Instrument :  
BNA\_P  
ClientSampleId :  
PB135552BS

Manual Integrations  
APPROVED

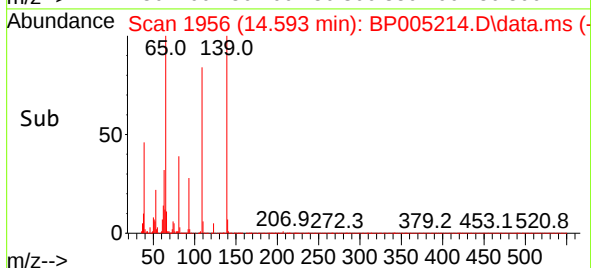
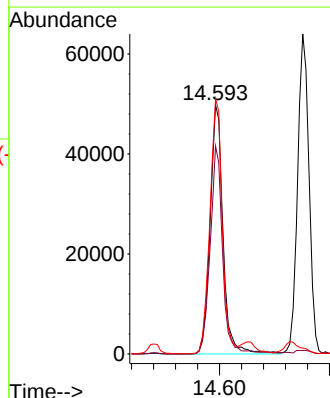
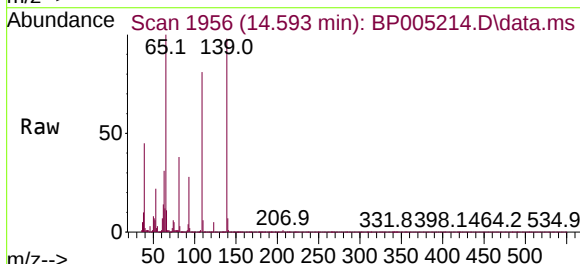
mohammad

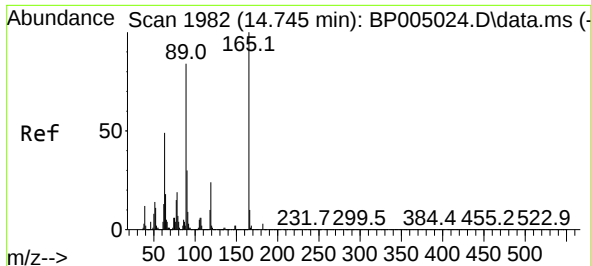
4/8/2021 1:34:46 PM



#56  
4-Nitrophenol  
Concen: 88.22 ng  
RT: 14.593 min Scan# 1956  
Delta R.T. 0.000 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

Tgt Ion:139 Resp: 81188  
Ion Ratio Lower Upper  
139 100  
109 83.4 44.6 84.6  
65 102.5 41.6 81.6#





#57  
2,4-Dinitrotoluene  
Concen: 42.42 ng  
RT: 14.734 min Scan# 1980  
Delta R.T. 0.000 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

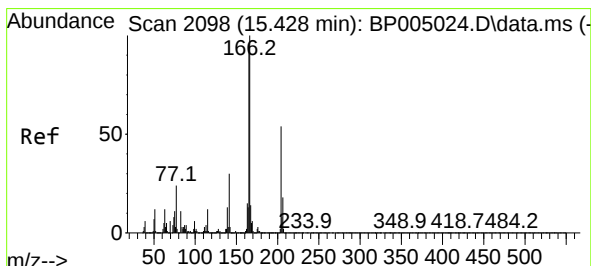
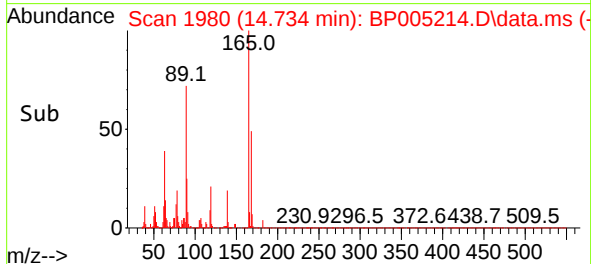
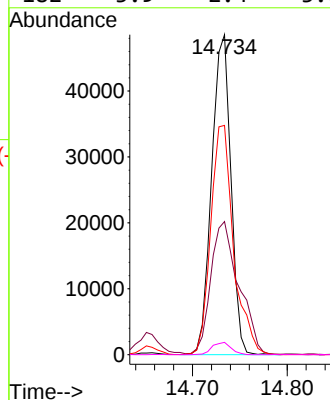
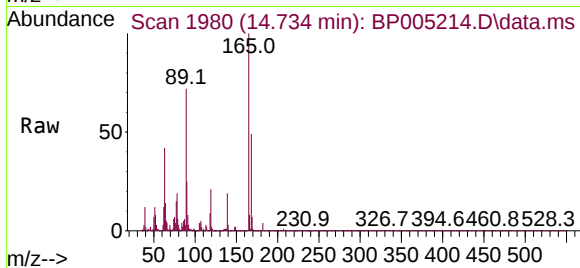
Tgt Ion:165 Resp: 68283  
Ion Ratio Lower Upper  
165 100  
63 41.6 20.6 31.0#  
89 71.7 42.6 63.8#  
182 3.9 2.4 3.6#

Instrument :  
BNA\_P  
ClientSampleId :  
PB135552BS

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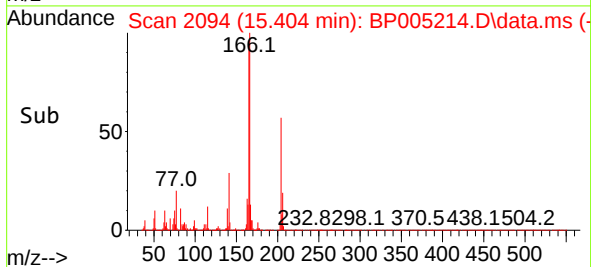
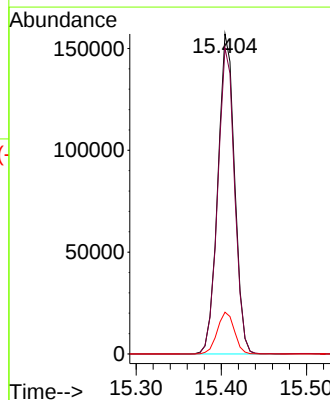
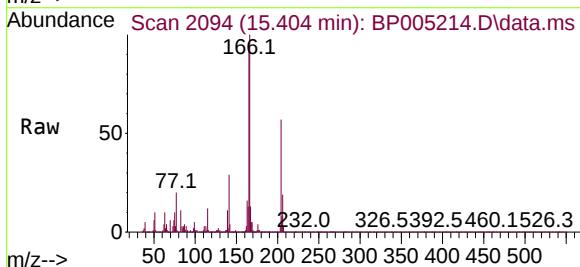
mohammad

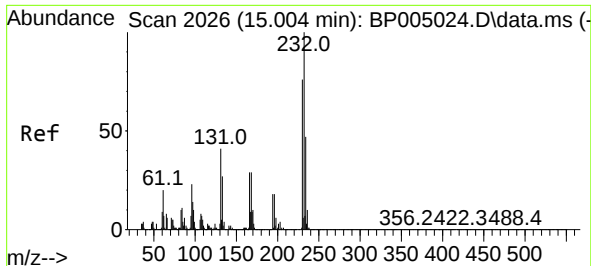
4/8/2021 1:34:46 PM



#58  
Fluorene  
Concen: 40.75 ng  
RT: 15.404 min Scan# 2094  
Delta R.T. -0.006 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

Tgt Ion:166 Resp: 215170  
Ion Ratio Lower Upper  
166 100  
165 95.6 77.8 116.8  
167 13.1 11.0 16.4





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 44.36 ng  
RT: 14.987 min Scan# 2023  
Delta R.T. 0.000 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

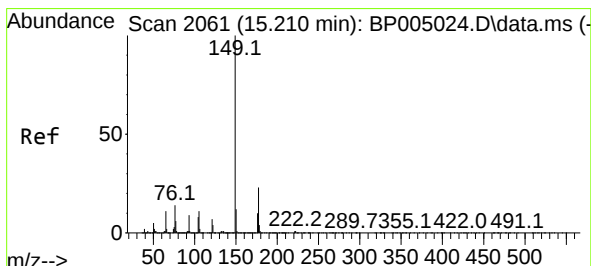
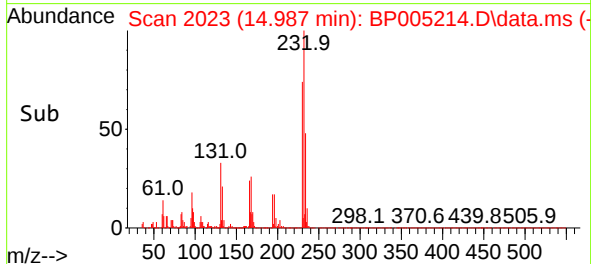
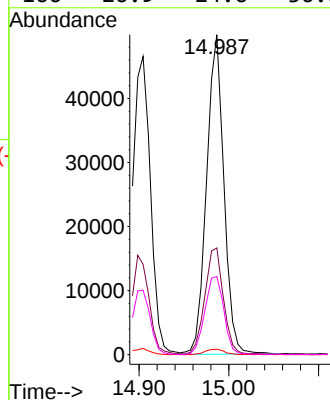
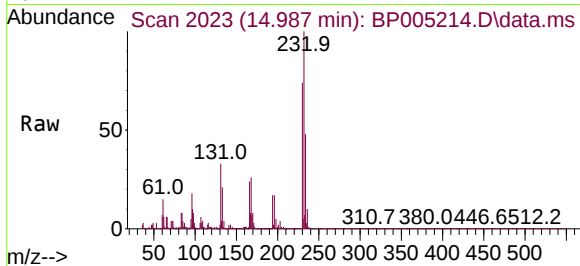
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 232   | Resp: | 66989 |
| Ion Ratio | Lower | Upper |       |
| 232       | 100   |       |       |
| 131       | 35.9  | 34.1  | 51.1  |
| 130       | 2.0   | 1.8   | 2.8   |
| 166       | 26.9  | 24.6  | 36.8  |

Instrument :  
BNA\_P  
ClientSampleId :  
PB135552BS

Manual Integrations  
APPROVED

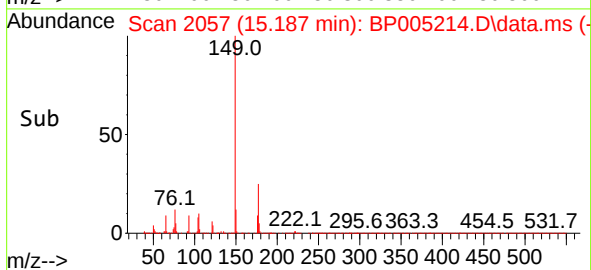
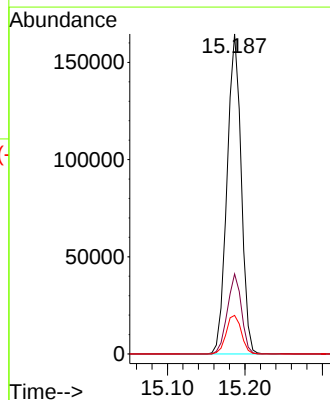
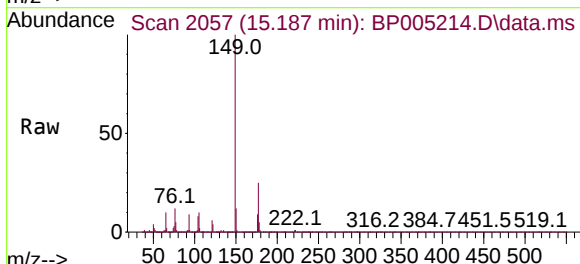
mohammad

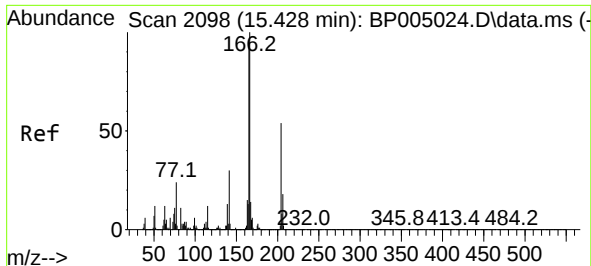
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#60  
Diethylphthalate  
Concen: 41.26 ng  
RT: 15.187 min Scan# 2057  
Delta R.T. 0.000 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

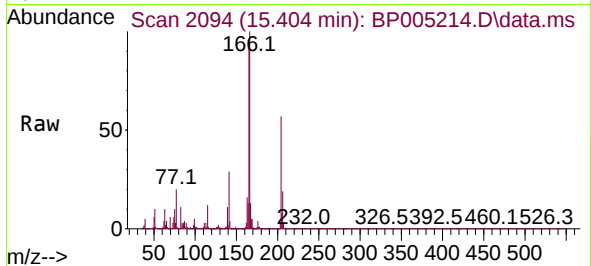
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 208732 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 177       | 25.0  | 18.0  | 27.0   |
| 150       | 12.1  | 10.0  | 15.0   |





#61  
4-Chlorophenyl-phenylether  
Concen: 42.31 ng  
RT: 15.404 min Scan# 2094  
Delta R.T. 0.000 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

Instrument :  
BNA\_P  
ClientSampleID :  
PB135552BS

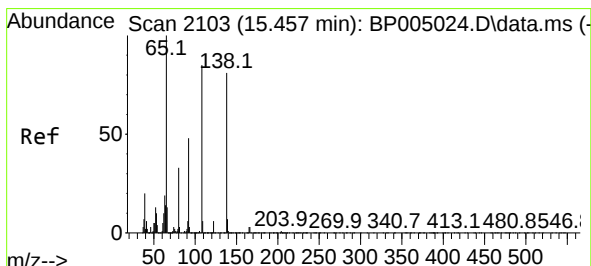
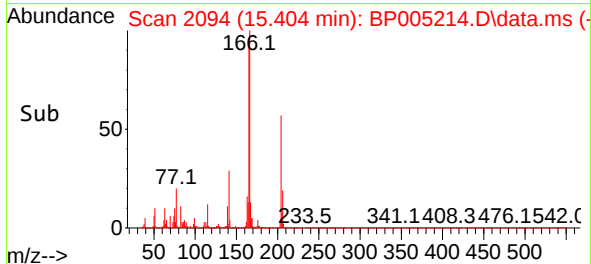
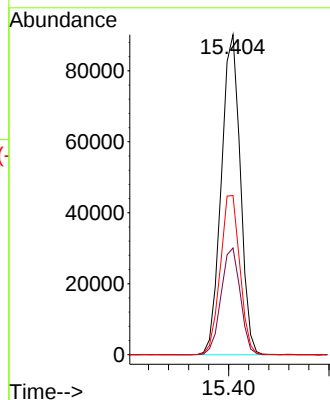


Tgt Ion:204 Resp: 118573  
Ion Ratio Lower Upper  
204 100  
206 33.4 25.9 38.9  
141 49.8 46.5 69.7

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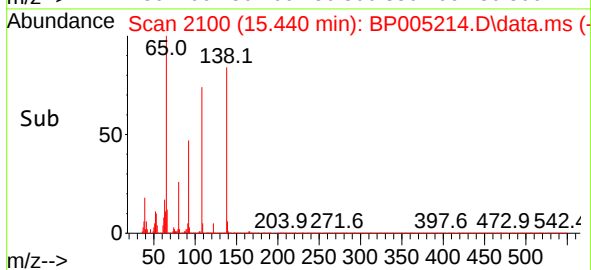
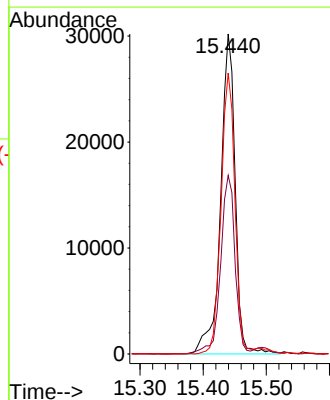
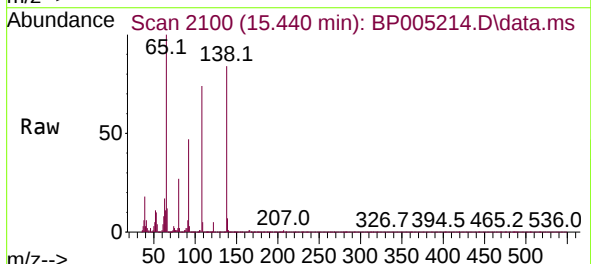
mohammad

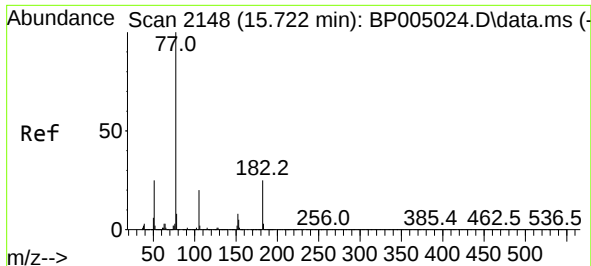
4/8/2021 1:34:46 PM



#62  
4-Nitroaniline  
Concen: 42.00 ng  
RT: 15.440 min Scan# 2100  
Delta R.T. 0.000 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

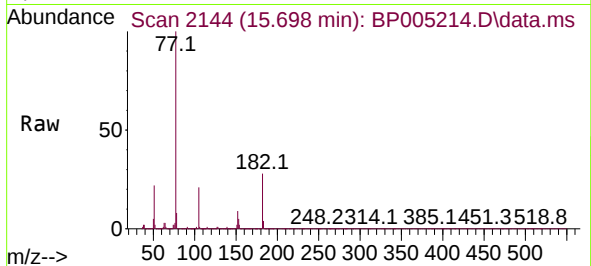
Tgt Ion:138 Resp: 48415  
Ion Ratio Lower Upper  
138 100  
92 55.8 20.7 60.7  
108 87.8 47.8 87.8





#63  
Azobenzene  
Concen: 36.88 ng  
RT: 15.698 min Scan# 2144  
Delta R.T. 0.000 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

Instrument :  
BNA\_P  
ClientSampleId :  
PB135552BS

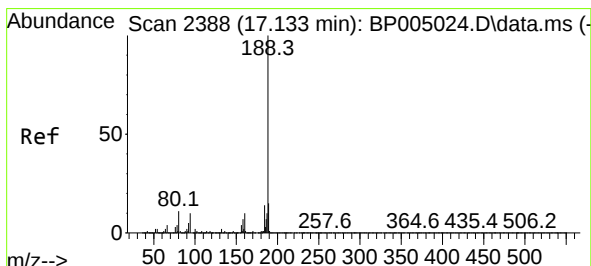
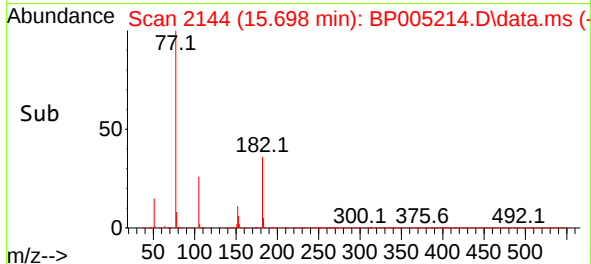
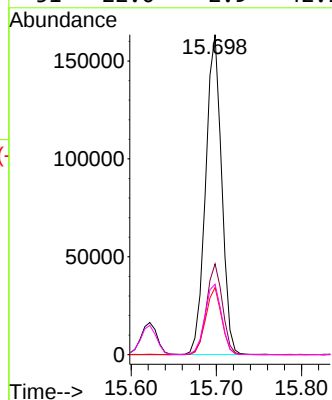


| Tgt Ion: | 77    | Resp: | 213244 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 28.4  | 16.9  | 56.9   |
| 105      | 21.0  | 5.6   | 45.6   |
| 51       | 22.0  | 2.9   | 42.9   |

Manual Integrations  
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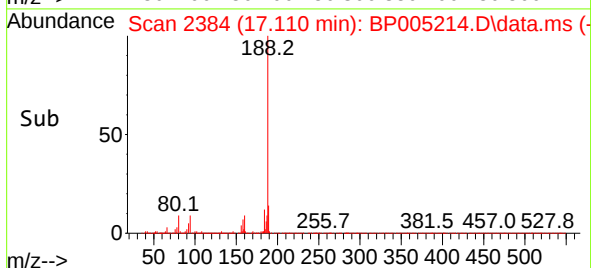
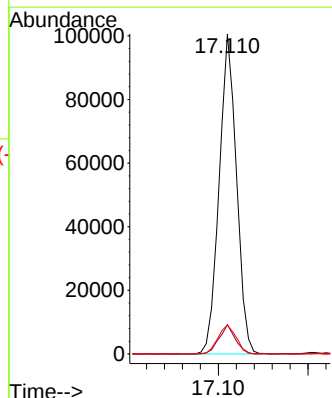
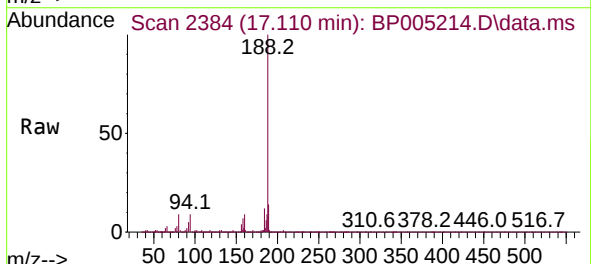
mohammad

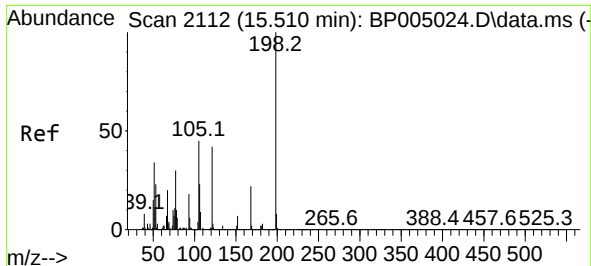
4/8/2021 1:34:46 PM



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.110 min Scan# 2384  
Delta R.T. -0.006 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

| Tgt Ion: | 188   | Resp: | 135020 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 9.1   | 6.2   | 9.2    |
| 80       | 9.1   | 6.2   | 9.2    |





#65  
4,6-Dinitro-2-methylphenol  
Concen: 40.95 ng  
RT: 15.498 min Scan# 2110  
Delta R.T. 0.000 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

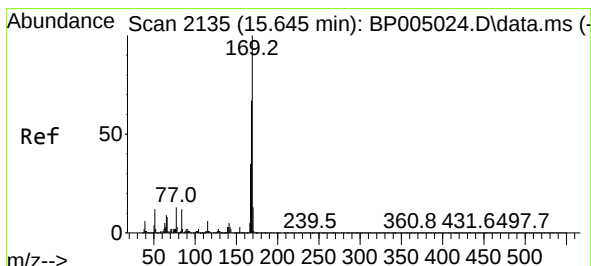
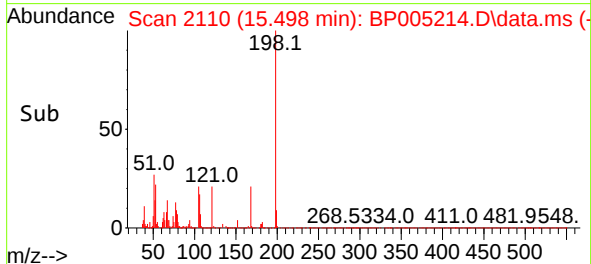
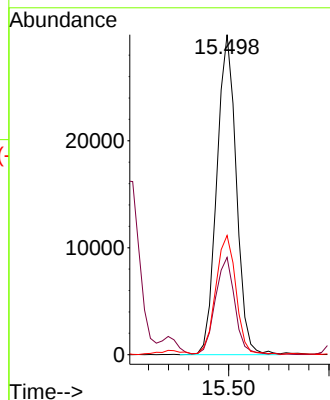
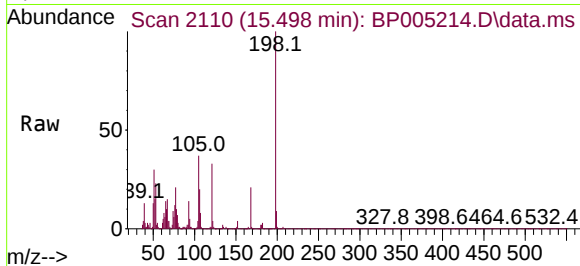
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 30.4  | 6.4   | 46.4  |
| 105     | 37.3  | 18.9  | 58.9  |

Instrument :  
BNA\_P  
ClientSampleId :  
PB135552BS

Manual Integrations  
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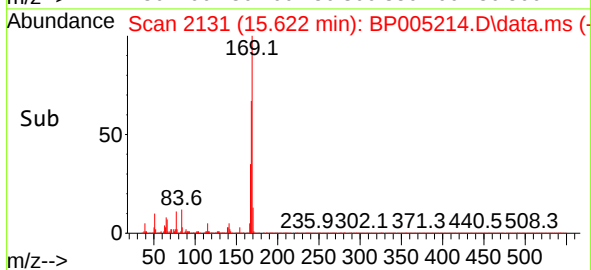
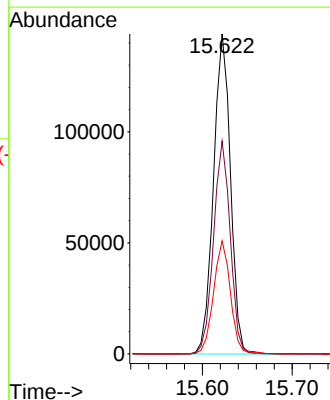
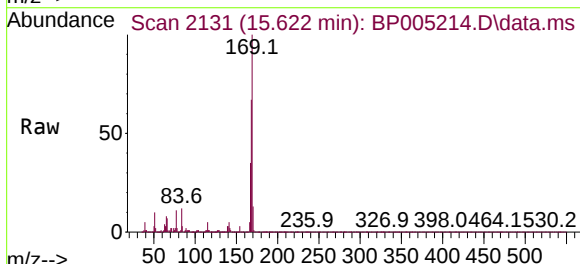
mohammad

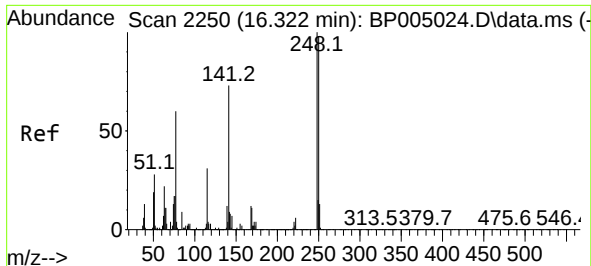
4/8/2021 1:34:46 PM



#66  
n-Nitrosodiphenylamine  
Concen: 43.54 ng  
RT: 15.622 min Scan# 2131  
Delta R.T. 0.000 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

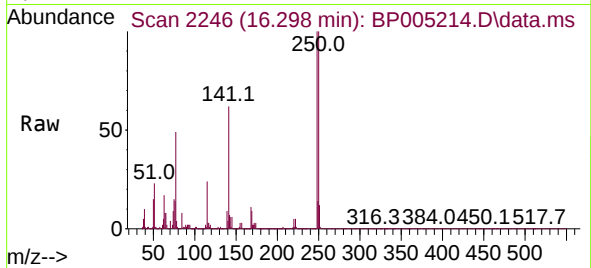
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 66.6  | 53.8  | 80.6  |
| 167     | 35.4  | 28.9  | 43.3  |





#67  
4-Bromophenyl-phenylether  
Concen: 48.76 ng  
RT: 16.298 min Scan# 2246  
Delta R.T. -0.006 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

Instrument :  
BNA\_P  
ClientSampleId :  
PB135552BS

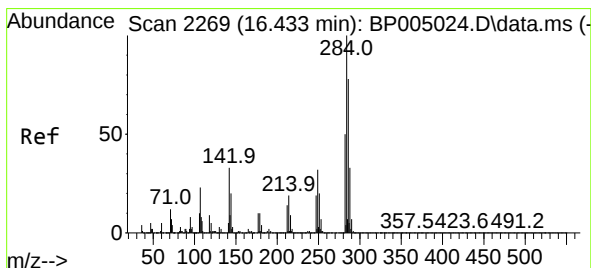
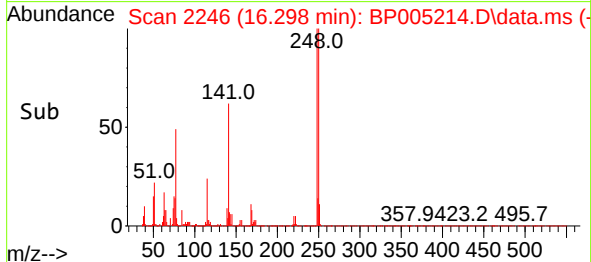
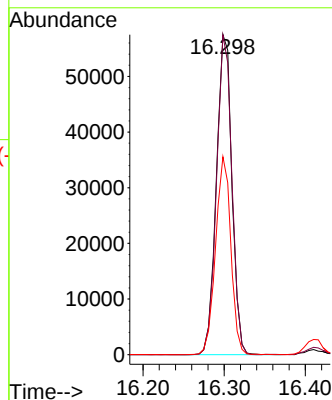


Tgt Ion:248 Resp: 76284  
Ion Ratio Lower Upper  
248 100  
250 99.9 76.7 115.1  
141 61.9 53.0 79.6

Manual Integrations  
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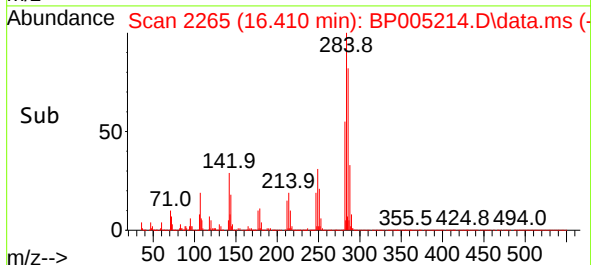
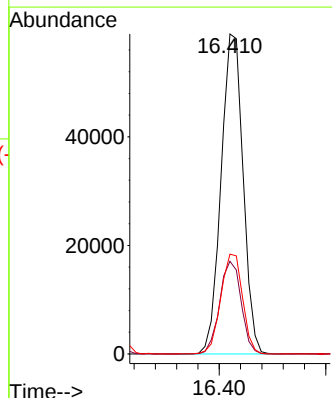
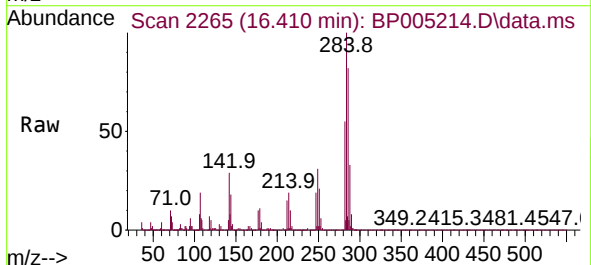
mohammad

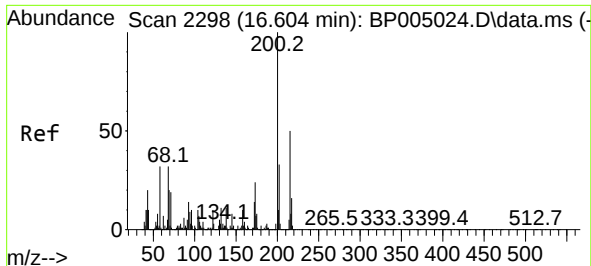
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#68  
Hexachlorobenzene  
Concen: 47.99 ng  
RT: 16.410 min Scan# 2265  
Delta R.T. -0.006 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

Tgt Ion:284 Resp: 84433  
Ion Ratio Lower Upper  
284 100  
142 29.0 24.2 36.4  
249 31.2 23.8 35.8





#69  
Atrazine  
Concen: 51.68 ng  
RT: 16.587 min Scan# 2295  
Delta R.T. 0.000 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

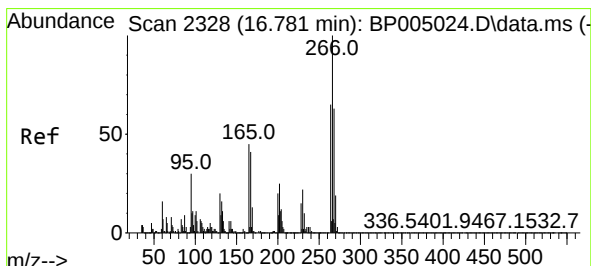
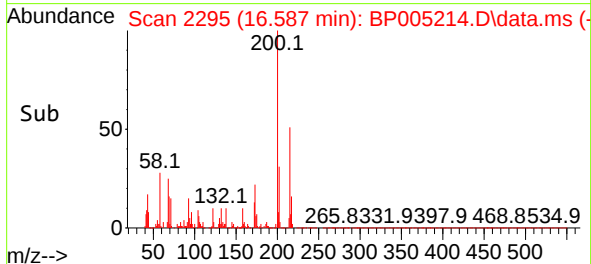
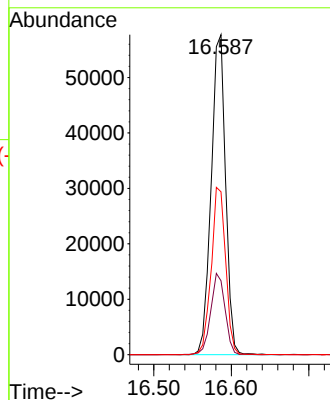
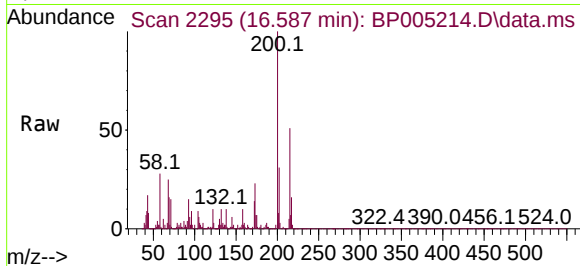
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 23.1  | 5.9   | 45.9  |
| 215     | 50.9  | 28.4  | 68.4  |

Instrument :  
BNA\_P  
ClientSampleId :  
PB135552BS

Manual Integrations  
APPROVED

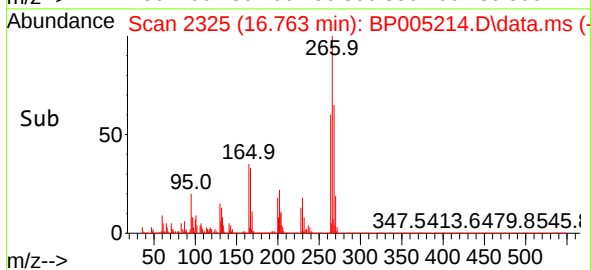
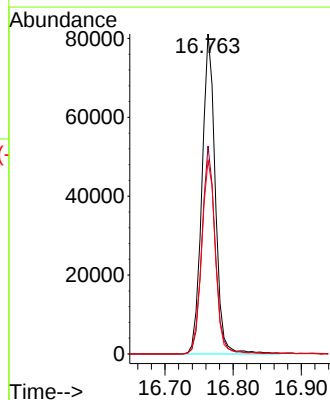
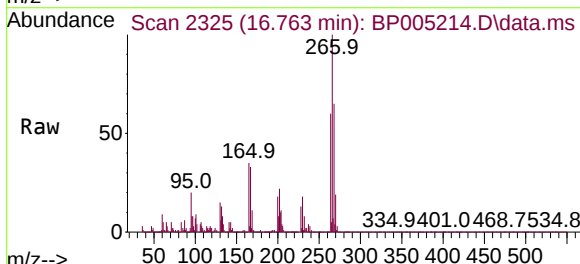
mohammad

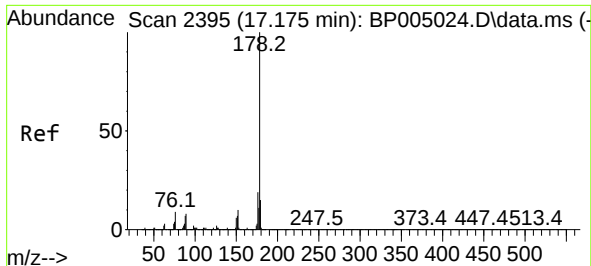
4/8/2021 1:34:46 PM



#70  
Pentachlorophenol  
Concen: 94.93 ng  
RT: 16.763 min Scan# 2325  
Delta R.T. -0.006 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 65.0  | 51.1  | 76.7  |
| 264     | 60.5  | 50.6  | 76.0  |





#71  
Phenanthrene  
Concen: 43.28 ng  
RT: 17.157 min Scan# 2392  
Delta R.T. 0.000 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

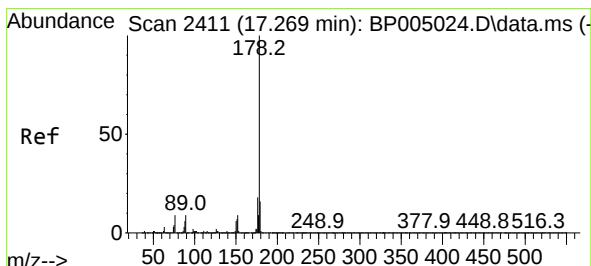
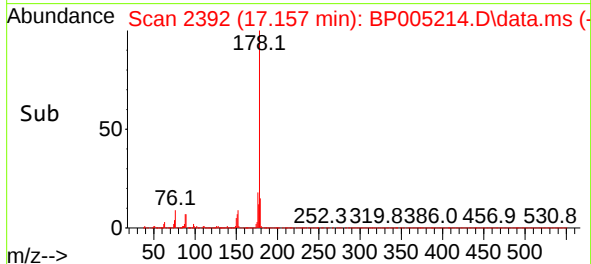
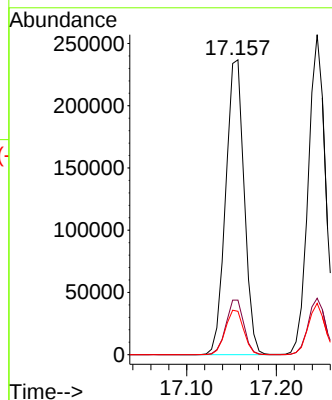
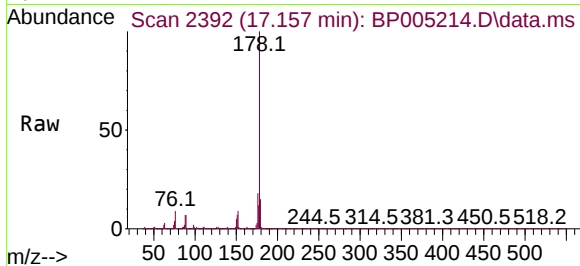
Tgt Ion:178 Resp: 338810  
Ion Ratio Lower Upper  
178 100  
176 18.5 15.3 22.9  
179 14.7 12.5 18.7

Instrument :  
BNA\_P  
ClientSampleId :  
PB135552BS

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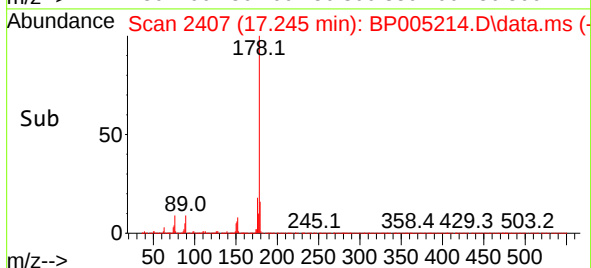
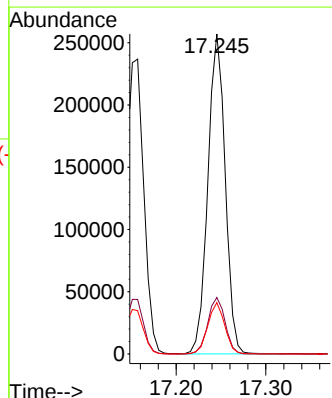
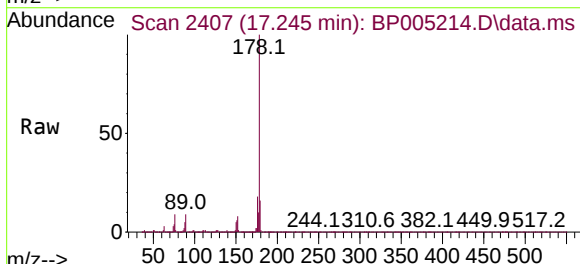
mohammad

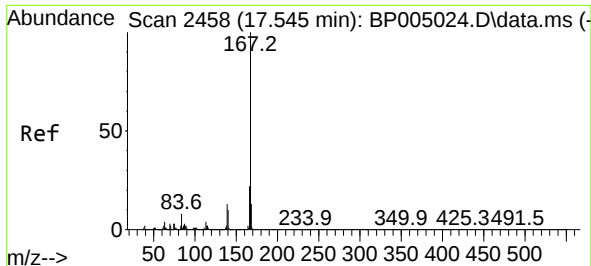
4/8/2021 1:34:46 PM



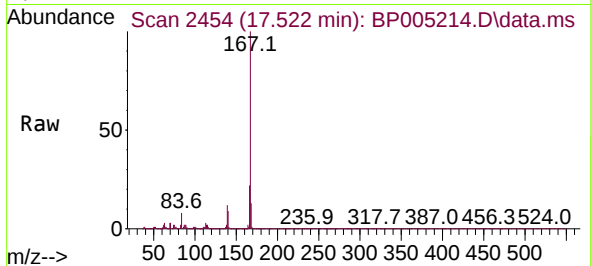
#72  
Anthracene  
Concen: 44.97 ng  
RT: 17.245 min Scan# 2407  
Delta R.T. -0.006 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

Tgt Ion:178 Resp: 343905  
Ion Ratio Lower Upper  
178 100  
176 17.7 15.0 22.4  
179 16.1 12.5 18.7

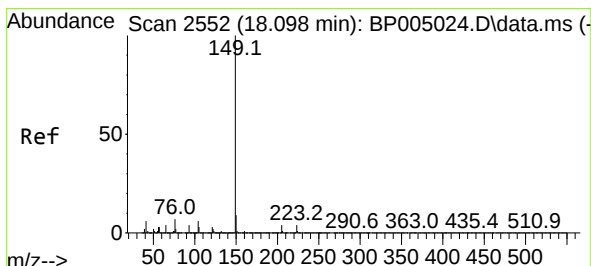
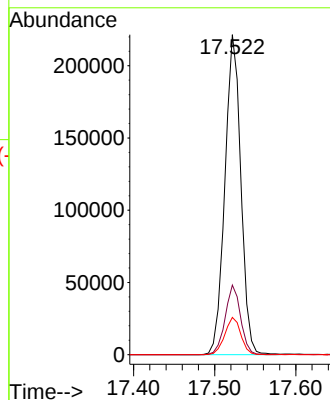
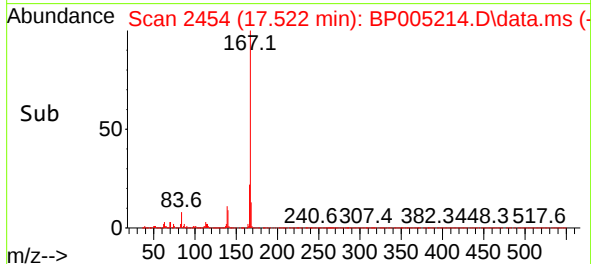




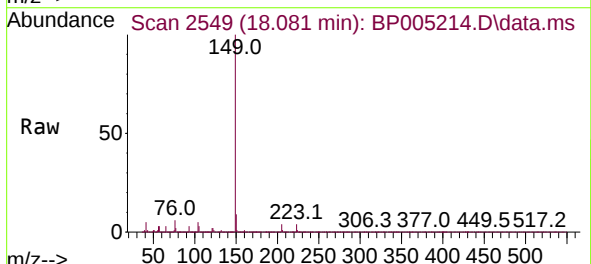
#73  
 Carbazole  
 Concen: 42.21 ng  
 RT: 17.522 min Scan# 2454  
 Delta R.T. -0.006 min  
 Lab File: BP005214.D  
 Acq: 07 Apr 2021 11:13



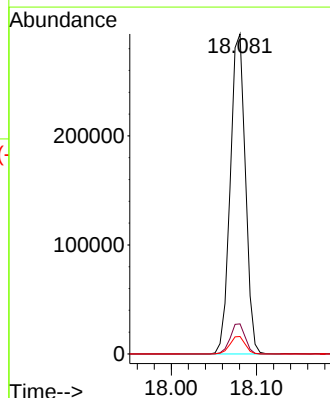
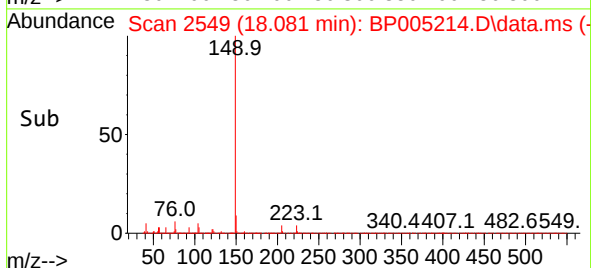
Tgt Ion:167 Resp: 303318  
 Ion Ratio Lower Upper  
 167 100  
 166 21.8 17.6 26.4  
 139 11.7 10.2 15.4



#74  
 Di-n-butylphthalate  
 Concen: 45.75 ng  
 RT: 18.081 min Scan# 2549  
 Delta R.T. 0.000 min  
 Lab File: BP005214.D  
 Acq: 07 Apr 2021 11:13



Tgt Ion:149 Resp: 361749  
 Ion Ratio Lower Upper  
 149 100  
 150 9.4 7.3 10.9  
 104 5.4 3.4 5.0#

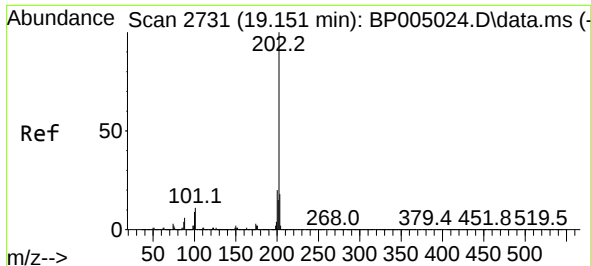


Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB135552BS

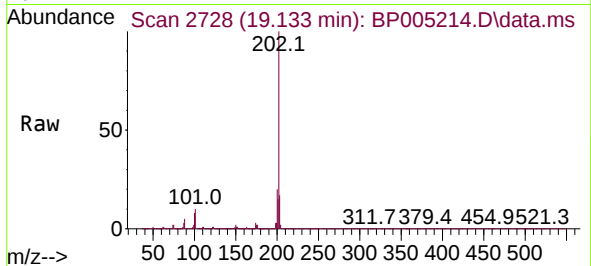
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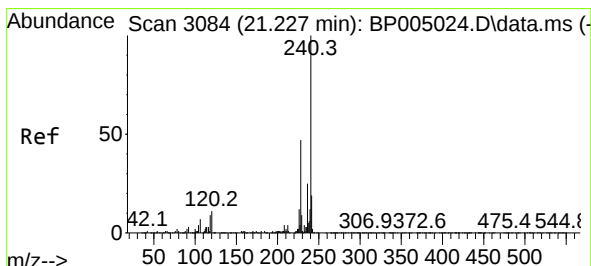
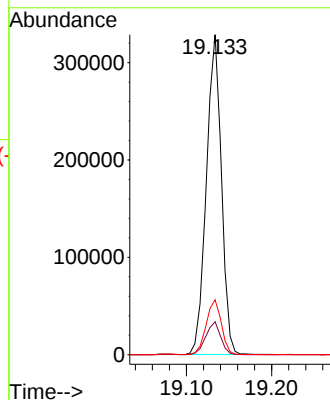
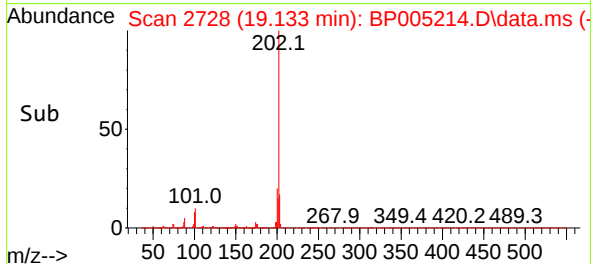
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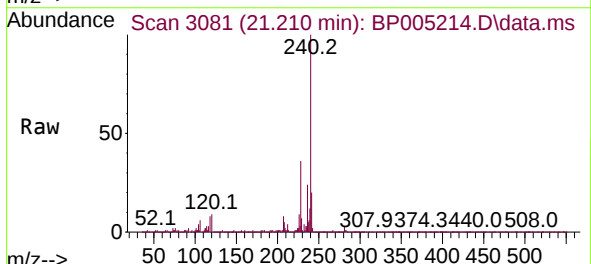
#75  
Fluoranthene  
Concen: 43.77 ng  
RT: 19.133 min Scan# 2728  
Delta R.T. 0.000 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13



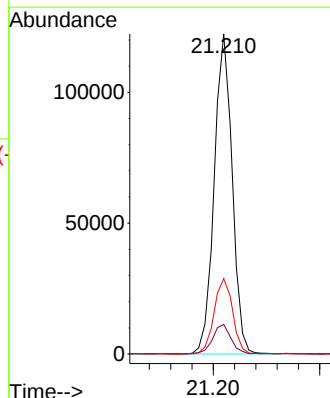
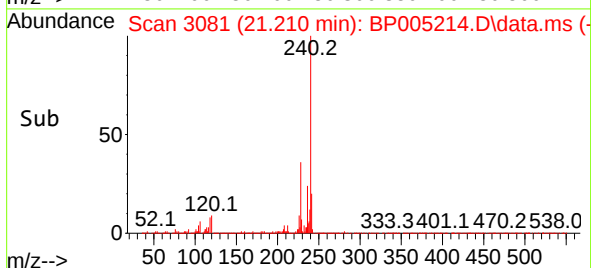
Tgt Ion: 202 Resp: 403067  
Ion Ratio Lower Upper  
202 100  
101 10.3 0.0 29.4  
203 17.2 0.0 37.8



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.210 min Scan# 3081  
Delta R.T. -0.006 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13



Tgt Ion: 240 Resp: 142820  
Ion Ratio Lower Upper  
240 100  
120 9.2 7.8 11.6  
236 23.5 20.8 31.2

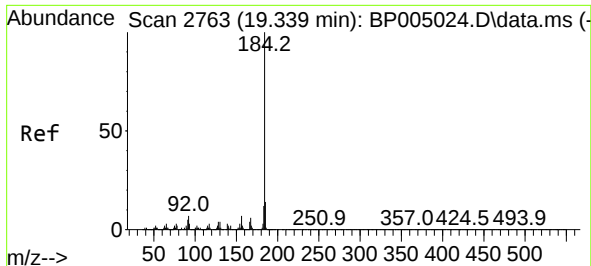


Instrument :  
BNA\_P  
ClientSampleId :  
PB135552BS

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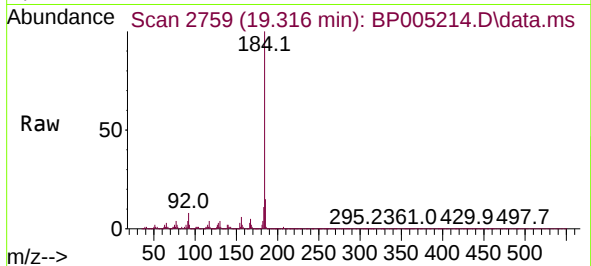
mohammad

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#77  
Benzidine  
Concen: 56.46 ng  
RT: 19.316 min Scan# 2759  
Delta R.T. -0.006 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

Instrument :  
BNA\_P  
ClientSampleId :  
PB135552BS

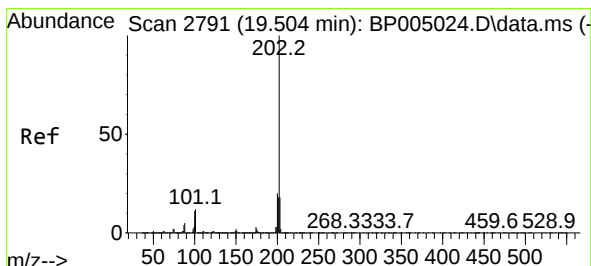
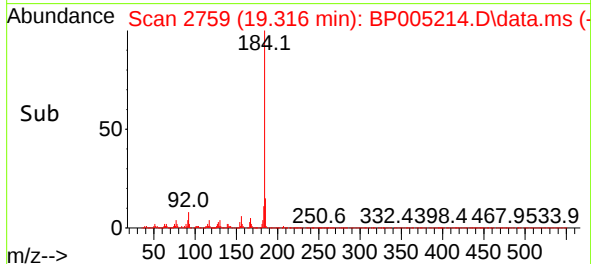
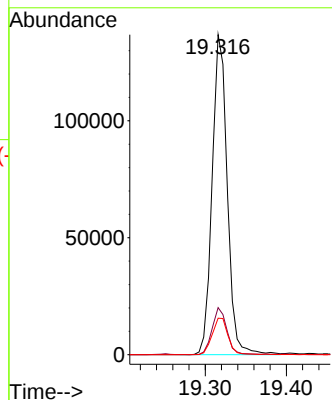


Tgt Ion:184 Resp: 176922  
Ion Ratio Lower Upper  
184 100  
185 14.7 11.5 17.3  
183 11.4 9.6 14.4

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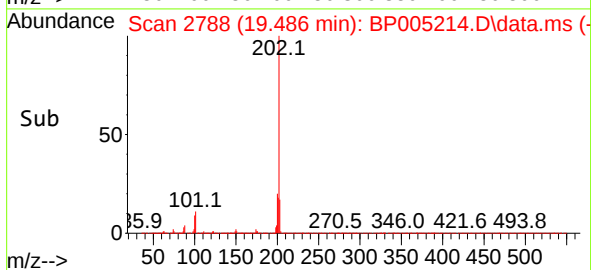
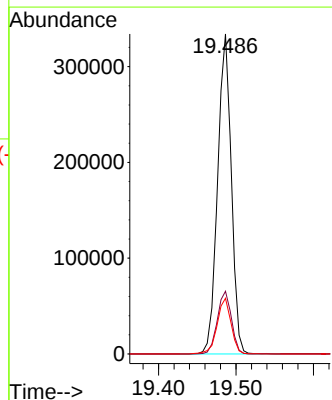
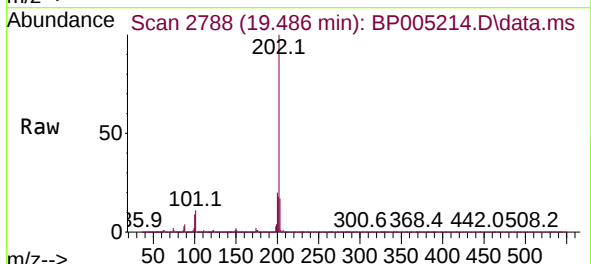
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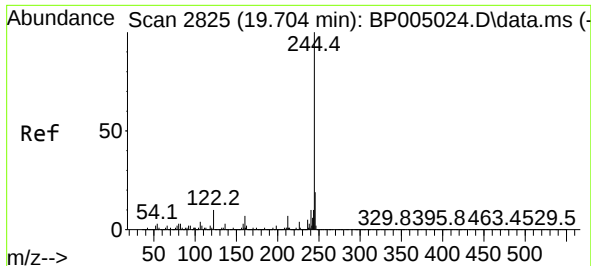
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#78  
Pyrene  
Concen: 41.78 ng  
RT: 19.486 min Scan# 2788  
Delta R.T. 0.000 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

Tgt Ion:202 Resp: 410004  
Ion Ratio Lower Upper  
202 100  
200 19.6 17.1 25.7  
203 17.4 14.2 21.2





#79  
Terphenyl-d14  
Concen: 83.36 ng  
RT: 19.686 min Scan# 2822  
Delta R.T. 0.000 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

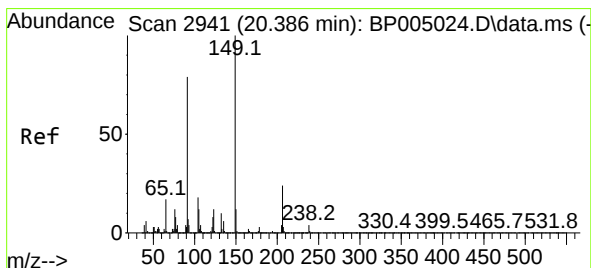
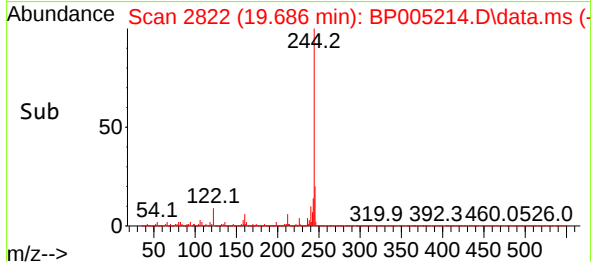
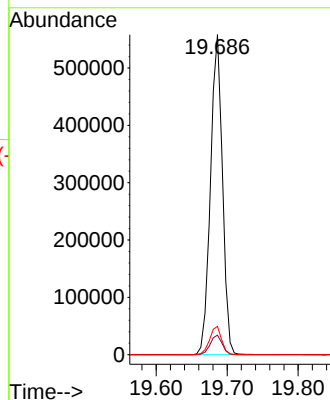
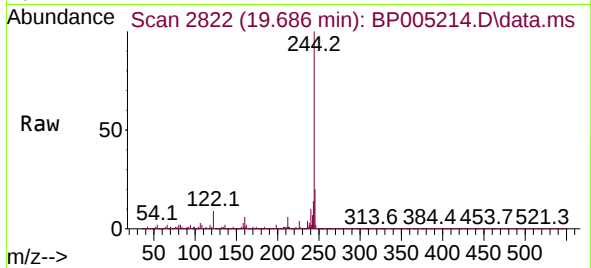
Tgt Ion:244 Resp: 653963  
Ion Ratio Lower Upper  
244 100  
212 6.1 5.8 8.6  
122 8.8 7.8 11.8

Instrument :  
BNA\_P  
ClientSampleId :  
PB135552BS

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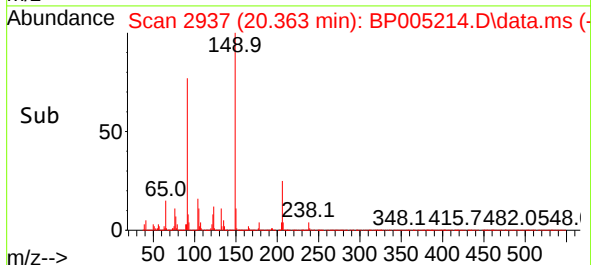
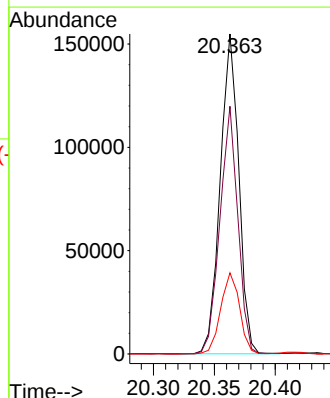
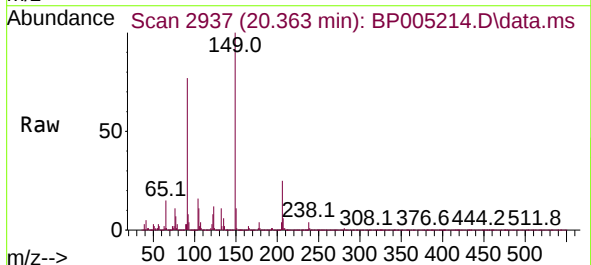
mohammad

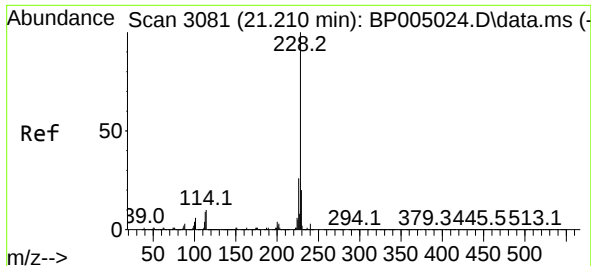
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#80  
Butylbenzylphthalate  
Concen: 45.05 ng  
RT: 20.363 min Scan# 2937  
Delta R.T. 0.000 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

Tgt Ion:149 Resp: 164042  
Ion Ratio Lower Upper  
149 100  
91 77.4 45.4 68.0#  
206 25.4 17.1 25.7





#81  
Benzo(a)anthracene  
Concen: 44.66 ng  
RT: 21.192 min Scan# 3078  
Delta R.T. -0.006 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

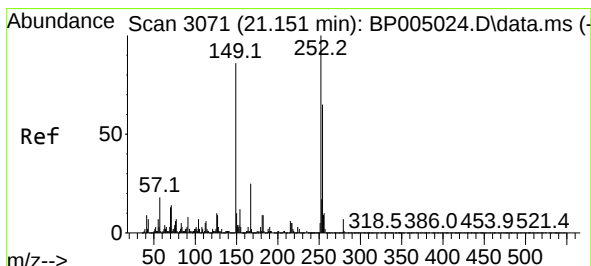
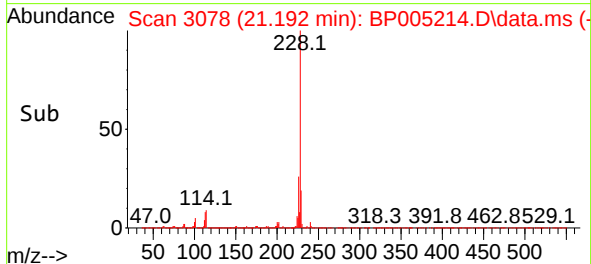
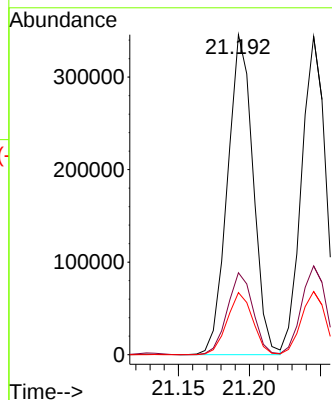
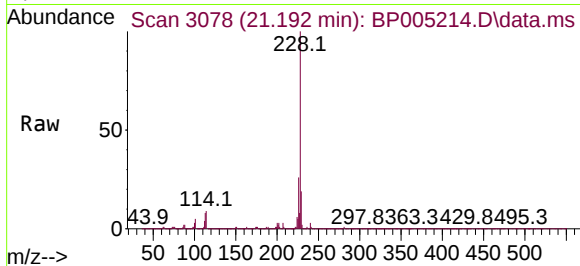
Tgt Ion:228 Resp: 433365  
Ion Ratio Lower Upper  
228 100  
226 25.6 22.1 33.1  
229 19.4 15.9 23.9

Instrument :  
BNA\_P  
ClientSampleId :  
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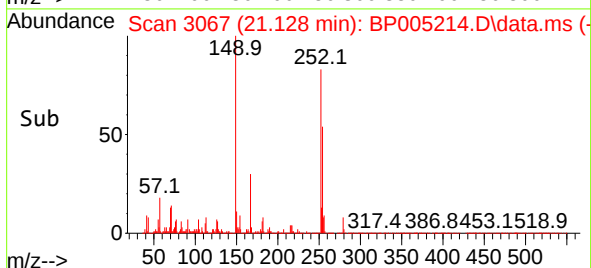
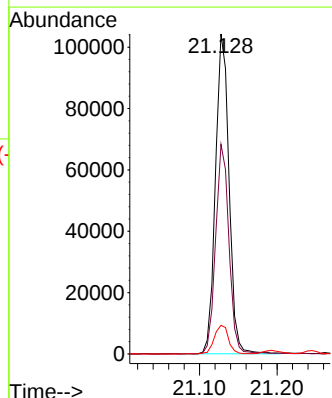
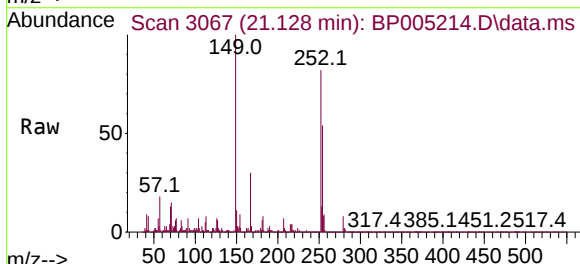
mohammad

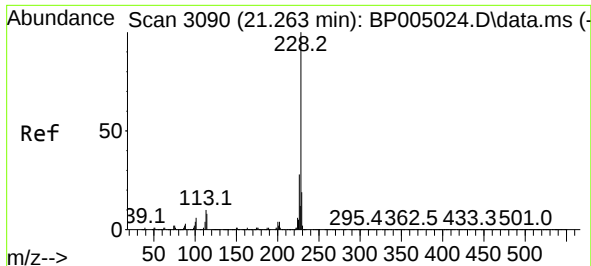
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#82  
3,3'-Dichlorobenzidine  
Concen: 38.88 ng  
RT: 21.128 min Scan# 3067  
Delta R.T. -0.006 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

Tgt Ion:252 Resp: 126797  
Ion Ratio Lower Upper  
252 100  
254 65.5 51.0 76.4  
126 8.9 7.9 11.9





#83  
Chrysene  
Concen: 42.69 ng  
RT: 21.245 min Scan# 3087  
Delta R.T. -0.006 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

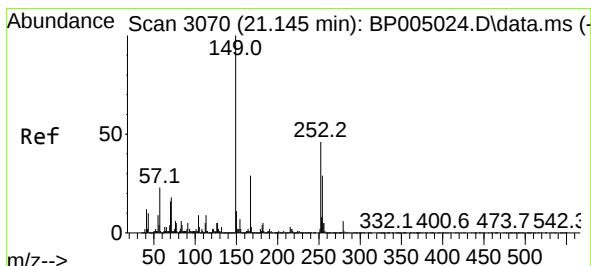
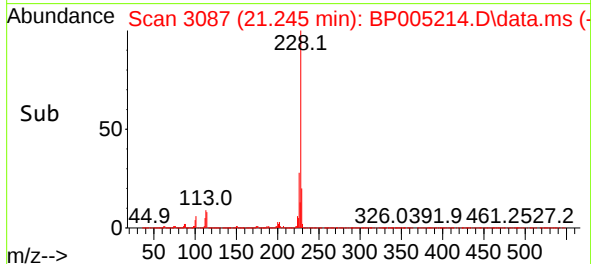
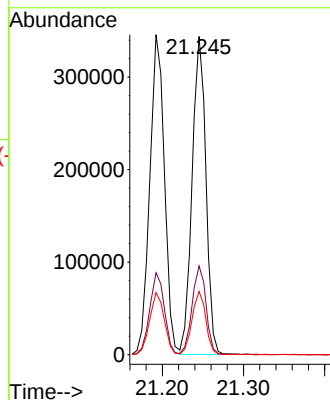
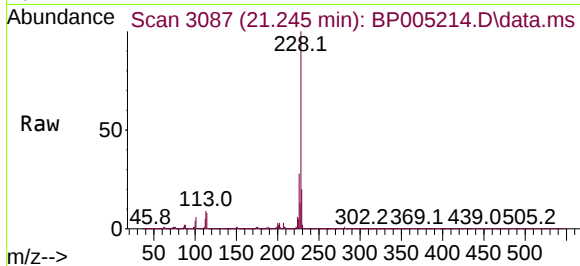
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 406566 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 27.9  | 24.4  | 36.6   |
| 229       | 19.9  | 15.8  | 23.6   |

Instrument :  
BNA\_P  
ClientSampleId :  
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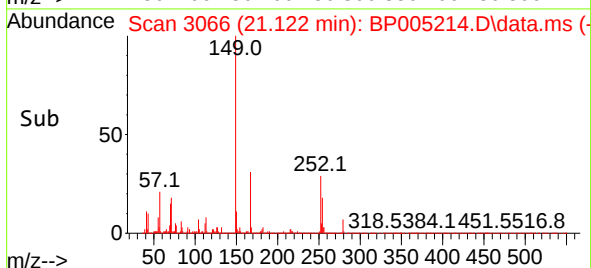
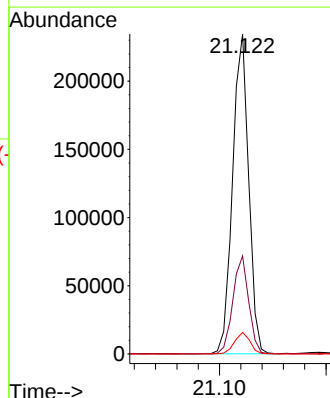
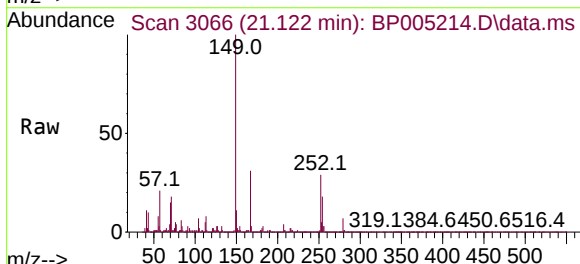
mohammad

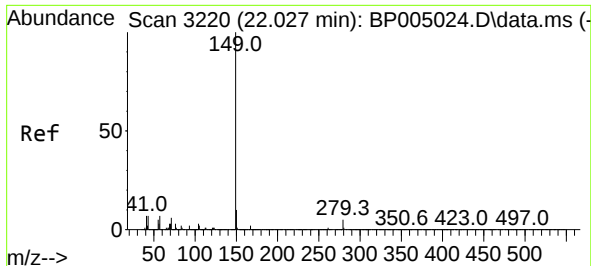
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#84  
Bis(2-ethylhexyl)phthalate  
Concen: 45.81 ng  
RT: 21.122 min Scan# 3066  
Delta R.T. 0.000 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

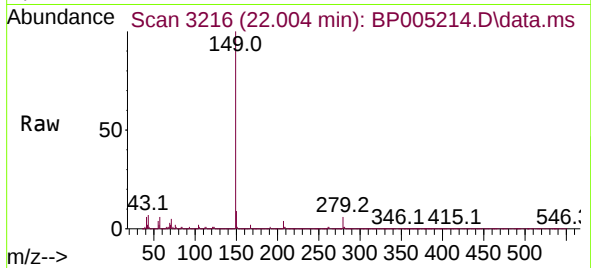
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 244577 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 30.7  | 22.6  | 34.0   |
| 279       | 6.8   | 4.2   | 6.2#   |





#85  
Di-n-octyl phthalate  
Concen: 46.66 ng  
RT: 22.004 min Scan# 3216  
Delta R.T. -0.006 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

Instrument :  
BNA\_P  
ClientSampleId :  
PB135552BS

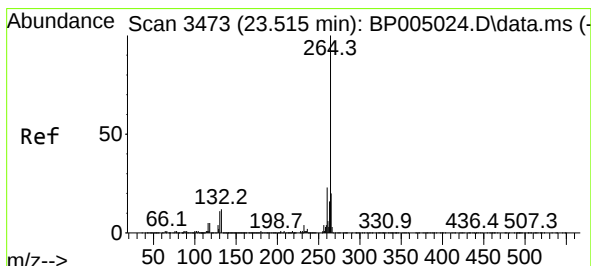
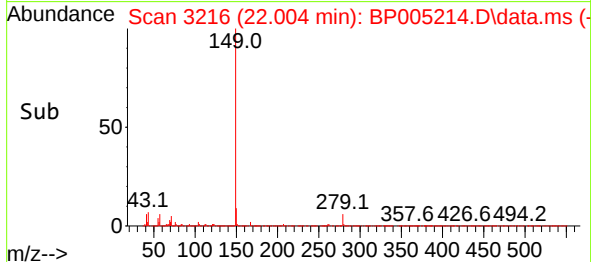
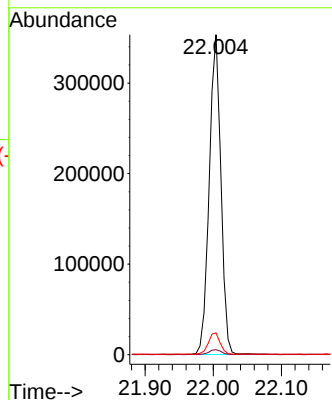


Tgt Ion:149 Resp: 420086  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.3 1.9  
43 6.7 3.7 5.5#

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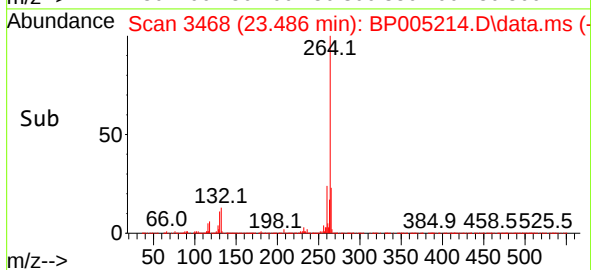
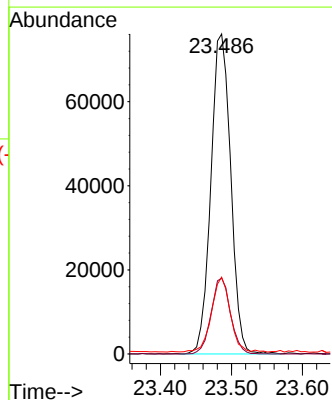
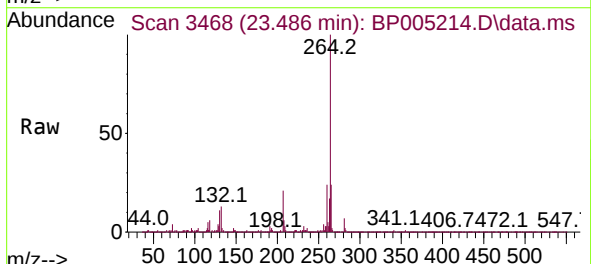
mohammad

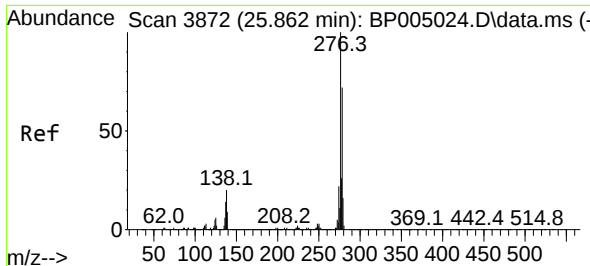
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#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 23.486 min Scan# 3468  
Delta R.T. -0.006 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

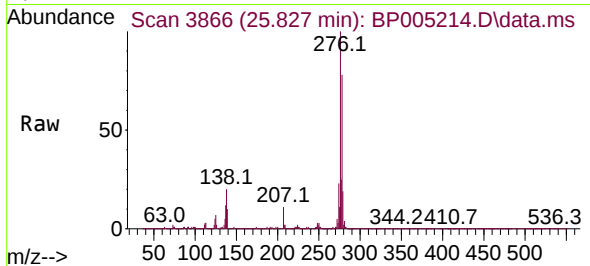
Tgt Ion:264 Resp: 147536  
Ion Ratio Lower Upper  
264 100  
260 23.7 18.8 28.2  
265 24.0 17.4 26.2





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 46.36 ng  
RT: 25.827 min Scan# 3866  
Delta R.T. -0.012 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

Instrument :  
BNA\_P  
ClientSampleId :  
PB135552BS

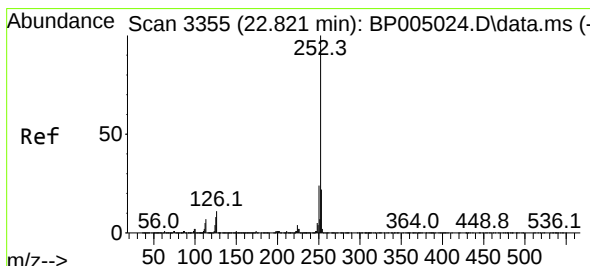
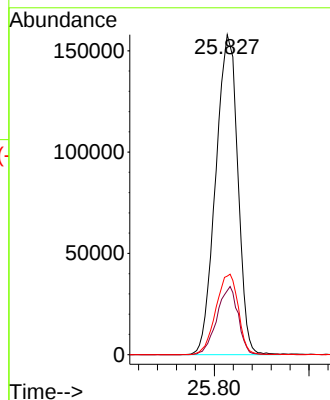
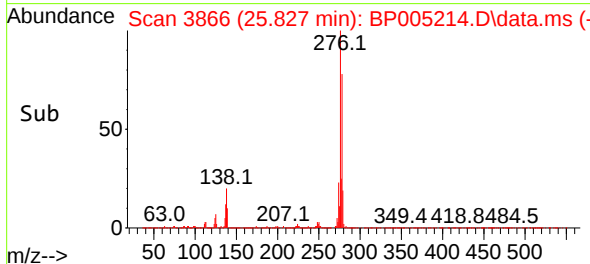


Tgt Ion: 276 Resp: 512876  
Ion Ratio Lower Upper  
276 100  
138 20.3 18.7 28.1  
277 25.5 20.4 30.6

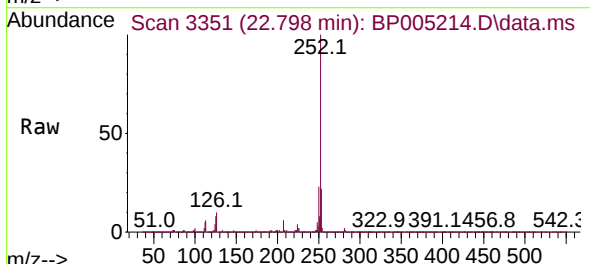
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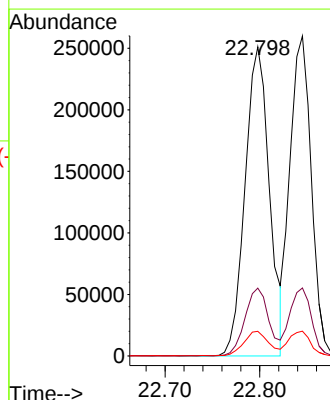
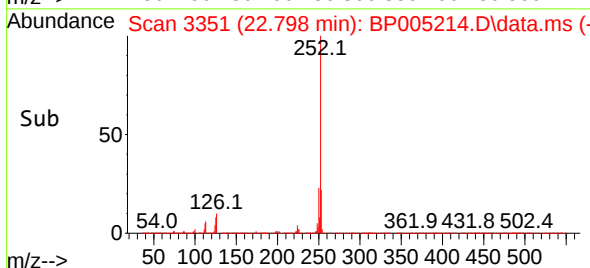
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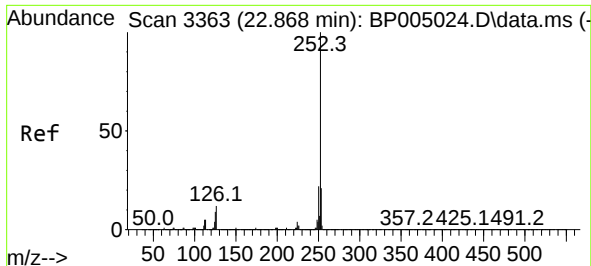


#88  
Benzo(b)fluoranthene  
Concen: 42.85 ng  
RT: 22.798 min Scan# 3351  
Delta R.T. -0.006 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13



Tgt Ion: 252 Resp: 448983  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.6 26.4  
125 8.0 7.3 10.9





#89  
Benzo(k)fluoranthene  
Concen: 40.59 ng  
RT: 22.845 min Scan# 3359  
Delta R.T. -0.006 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

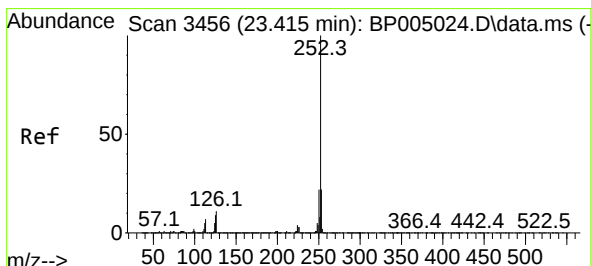
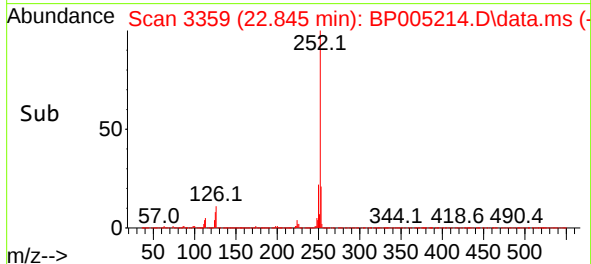
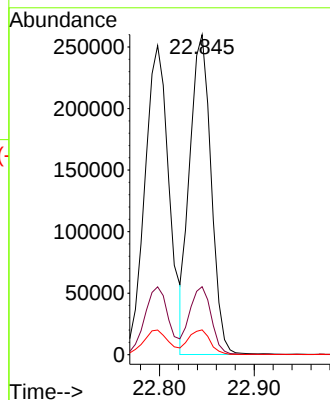
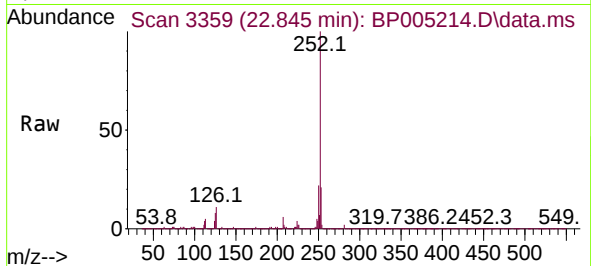
Tgt Ion: 252 Resp: 407510  
Ion Ratio Lower Upper  
252 100  
253 21.2 17.8 26.8  
125 7.8 7.4 11.2

Instrument :  
BNA\_P  
ClientSampleId :  
PB135552BS

Manual Integrations  
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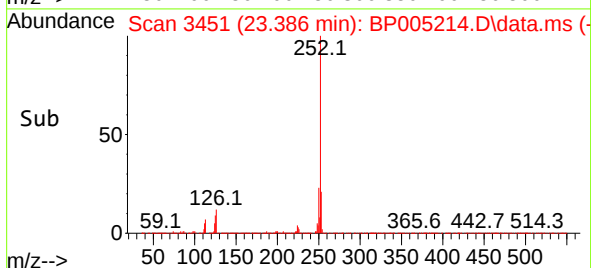
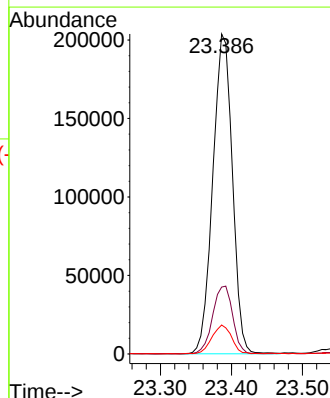
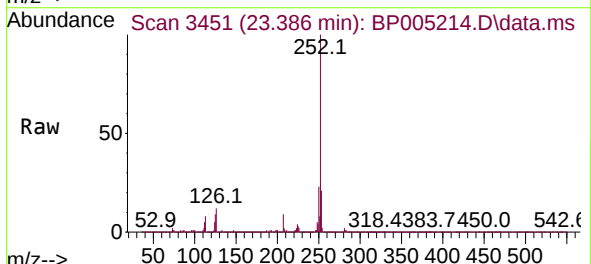
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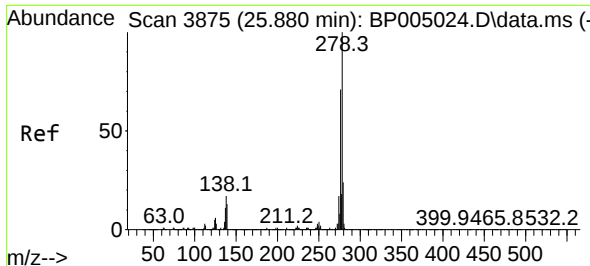
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#90  
Benzo(a)pyrene  
Concen: 41.45 ng  
RT: 23.386 min Scan# 3451  
Delta R.T. -0.006 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

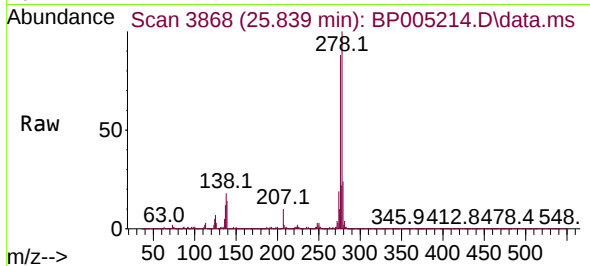
Tgt Ion: 252 Resp: 389377  
Ion Ratio Lower Upper  
252 100  
253 20.9 17.4 26.0  
125 9.1 8.2 12.4





#91  
Dibenzo(a,h)anthracene  
Concen: 45.47 ng  
RT: 25.839 min Scan# 3868  
Delta R.T. -0.006 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

Instrument :  
BNA\_P  
ClientSampleId :  
PB135552BS

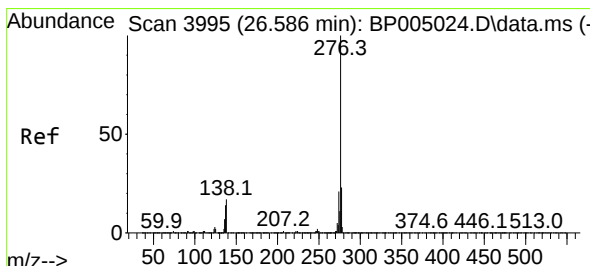
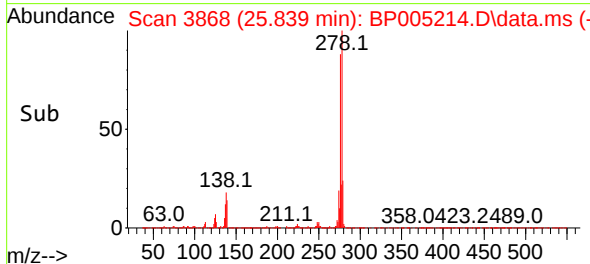
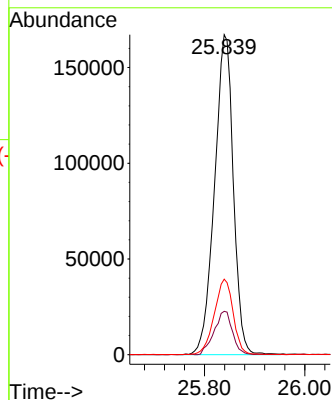


Tgt Ion:278 Resp: 434974  
Ion Ratio Lower Upper  
278 100  
139 13.5 12.4 18.6  
279 23.6 19.0 28.6

Manual Integrations  
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#92  
Benzo(g,h,i)perylene  
Concen: 46.14 ng  
RT: 26.545 min Scan# 3988  
Delta R.T. -0.006 min  
Lab File: BP005214.D  
Acq: 07 Apr 2021 11:13

Tgt Ion:276 Resp: 425930  
Ion Ratio Lower Upper  
276 100  
277 23.2 19.0 28.6  
138 17.2 16.6 24.8

