

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP051921\  
 Data File : BP005617.D  
 Acq On : 19 May 2021 18:19  
 Operator : CG/JU  
 Sample : M2450-02MS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 EME-19MS

Manual Integrations  
 APPROVED

mohammad  
 5/20/2021 11:35:43 AM

Quant Time: May 20 04:06:56 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP050521.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon May 17 15:35:47 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.657  | 152  | 8080     | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.445 | 136  | 27266    | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.310 | 164  | 26910    | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.063 | 188  | 73649    | 20.00  | ng    | #-0.01   |
| 76) Chrysene-d12              | 21.168 | 240  | 107341   | 20.00  | ng    | #-0.01   |
| 86) Perylene-d12              | 23.456 | 264  | 115458   | 20.00  | ng    | -0.02    |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.257  | 112  | 25338    | 60.18  | ng    | 0.00     |
| 7) Phenol-d6                  | 6.863  | 99   | 18002    | 34.29  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.828  | 82   | 63053    | 91.02  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.816 | 330  | 82817    | 108.45 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.927 | 172  | 187958   | 78.79  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.639 | 244  | 559663   | 88.55  | ng    | -0.01    |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.140  | 88   | 3383     | 18.28  | ng    | # 79     |
| 3) Pyridine                   | 3.569  | 79   | 5768     | 15.47  | ng    | # 72     |
| 4) n-Nitrosodimethylamine     | 3.475  | 42   | 7541     | 25.15  | ng    | # 1      |
| 6) Aniline                    | 6.998  | 93   | 19502    | 34.42  | ng    | # 81     |
| 8) 2-Chlorophenol             | 7.234  | 128  | 16421    | 36.31  | ng    | 95       |
| 9) Benzaldehyde               | 6.816  | 77   | 18244    | 70.96  | ng    | # 67     |
| 10) Phenol                    | 6.893  | 94   | 7494     | 14.27  | ng    | # 46     |
| 11) bis(2-Chloroethyl)ether   | 7.098  | 93   | 15425    | 42.53  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.545  | 146  | 21857    | 36.33  | ng    | # 76     |
| 13) 1,4-Dichlorobenzene       | 7.692  | 146  | 22664    | 37.79  | ng    | 93       |
| 14) 1,2-Dichlorobenzene       | 8.004  | 146  | 22364    | 38.91  | ng    | 93       |
| 15) Benzyl Alcohol            | 7.922  | 79   | 16725    | 33.02  | ng    | # 80     |
| 16) 2,2'-oxybis(1-Chloropr... | 8.187  | 45   | 7816     | 43.65  | ng    | 73       |
| 17) 2-Methylphenol            | 8.128  | 107  | 10808    | 29.97  | ng    | # 74     |
| 18) Hexachloroethane          | 8.722  | 117  | 10499    | 42.27  | ng    | # 75     |
| 19) n-Nitroso-di-n-propyla... | 8.481  | 70   | 18415    | 47.90  | ng    | # 87     |
| 20) 3+4-Methylphenols         | 8.463  | 107  | 13721    | 28.62  | ng    | 84       |
| 22) Acetophenone              | 8.492  | 105  | 35065    | 45.59  | ng    | # 77     |
| 24) Nitrobenzene              | 8.869  | 77   | 32605    | 46.92  | ng    | # 89     |
| 25) Isophorone                | 9.392  | 82   | 47062    | 43.87  | ng    | # 97     |
| 26) 2-Nitrophenol             | 9.575  | 139  | 10135    | 34.83  | ng    | # 63     |
| 27) 2,4-Dimethylphenol        | 9.651  | 122  | 17243    | 44.77  | ng    | 84       |
| 28) bis(2-Chloroethoxy)met... | 9.881  | 93   | 20784    | 46.28  | ng    | # 91     |
| 29) 2,4-Dichlorophenol        | 10.122 | 162  | 25082    | 41.47  | ng    | 92       |
| 30) 1,2,4-Trichlorobenzene    | 10.316 | 180  | 33058    | 42.79  | ng    | 98       |
| 31) Naphthalene               | 10.498 | 128  | 60961    | 41.58  | ng    | 100      |
| 33) 4-Chloroaniline           | 10.633 | 127  | 22717    | 39.78  | ng    | 95       |
| 34) Hexachlorobutadiene       | 10.769 | 225  | 28350    | 44.00  | ng    | 96       |
| 35) Caprolactam               | 11.451 | 113  | 1132m    | 8.13   | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 11.780 | 107  | 21943    | 40.70  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.116 | 142  | 52665    | 44.78  | ng    | # 93     |
| 38) 1-Methylnaphthalene       | 12.339 | 142  | 50840    | 45.79  | ng    | 96       |
| 40) 1,2,4,5-Tetrachloroben... | 12.492 | 216  | 52786    | 42.69  | ng    | 97       |
| 41) Hexachlorocyclopentadiene | 12.457 | 237  | 30607    | 60.96  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.751 | 196  | 32629    | 42.24  | ng    | 99       |
| 44) 2,4,5-Trichlorophenol     | 12.839 | 196  | 31068    | 37.27  | ng    | 92       |

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Manual Integrations  
 APPROVED

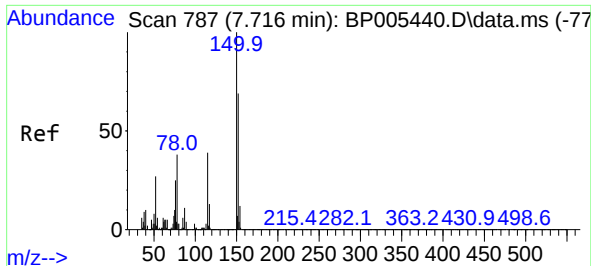
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 5/20/2021 11:35:43 AM

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 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP050521.M  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 46) 1,1'-Biphenyl             | 13.139 | 154  | 86182    | 41.60  | ng    | 97       |
| 47) 2-Chloronaphthalene       | 13.180 | 162  | 69957    | 40.55  | ng    | 98       |
| 48) 2-Nitroaniline            | 13.416 | 65   | 21480    | 43.83  | ng    | 96       |
| 49) Acenaphthylene            | 14.033 | 152  | 107613   | 43.30  | ng    | 100      |
| 50) Dimethylphthalate         | 13.786 | 163  | 109899   | 47.31  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 13.910 | 165  | 21288    | 40.81  | ng    | 96       |
| 52) Acenaphthene              | 14.374 | 154  | 65166    | 42.14  | ng    | 95       |
| 53) 3-Nitroaniline            | 14.251 | 138  | 13144    | 35.17  | ng    | 91       |
| 55) Dibenzofuran              | 14.710 | 168  | 127744   | 43.92  | ng    | 97       |
| 56) 4-Nitrophenol             | 14.633 | 139  | 1970     | 6.98   | ng    | # 63     |
| 57) 2,4-Dinitrotoluene        | 14.716 | 165  | 32616    | 42.41  | ng    | # 90     |
| 58) Fluorene                  | 15.363 | 166  | 109722   | 46.20  | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol | 14.957 | 232  | 29720    | 35.66  | ng    | # 98     |
| 60) Diethylphthalate          | 15.145 | 149  | 106940   | 47.53  | ng    | 97       |
| 61) 4-Chlorophenyl-phenyle... | 15.357 | 204  | 73725    | 49.61  | ng    | 98       |
| 62) 4-Nitroaniline            | 15.416 | 138  | 13379    | 37.26  | ng    | # 56     |
| 63) Azobenzene                | 15.651 | 77   | 115093   | 49.63  | ng    | 86       |
| 66) n-Nitrosodiphenylamine    | 15.580 | 169  | 95274    | 44.32  | ng    | # 91     |
| 67) 4-Bromophenyl-phenylether | 16.257 | 248  | 54375    | 47.30  | ng    | 97       |
| 68) Hexachlorobenzene         | 16.368 | 284  | 68127    | 46.73  | ng    | 96       |
| 69) Atrazine                  | 16.545 | 200  | 49809    | 49.61  | ng    | 98       |
| 70) Pentachlorophenol         | 16.739 | 266  | 17226    | 22.27  | ng    | 92       |
| 71) Phenanthrene              | 17.110 | 178  | 186893   | 44.66  | ng    | 99       |
| 72) Anthracene                | 17.198 | 178  | 193964   | 46.70  | ng    | 99       |
| 73) Carbazole                 | 17.486 | 167  | 155027   | 42.38  | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.033 | 149  | 190728   | 47.51  | ng    | 97       |
| 75) Fluoranthene              | 19.092 | 202  | 266934   | 46.37  | ng    | 97       |
| 77) Benzidine                 | 19.280 | 184  | 197934   | 119.13 | ng    | 99       |
| 78) Pyrene                    | 19.445 | 202  | 278624   | 45.85  | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.321 | 149  | 87666    | 44.65  | ng    | 88       |
| 81) Benzo(a)anthracene        | 21.156 | 228  | 317892   | 45.70  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.092 | 252  | 123354   | 47.07  | ng    | 99       |
| 83) Chrysene                  | 21.209 | 228  | 311401   | 46.19  | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.080 | 149  | 142055   | 47.32  | ng    | # 94     |
| 85) Di-n-octyl phthalate      | 21.962 | 149  | 237288   | 47.05  | ng    | # 92     |
| 87) Indeno(1,2,3-cd)pyrene    | 25.844 | 276  | 426033   | 43.86  | ng    | # 96     |
| 88) Benzo(b)fluoranthene      | 22.768 | 252  | 358198   | 46.56  | ng    | # 96     |
| 89) Benzo(k)fluoranthene      | 22.809 | 252  | 349915   | 46.51  | ng    | # 97     |
| 90) Benzo(a)pyrene            | 23.362 | 252  | 337412   | 47.84  | ng    | # 98     |
| 91) Dibenzo(a,h)anthracene    | 25.850 | 278  | 369352   | 43.09  | ng    | # 98     |
| 92) Benzo(g,h,i)perylene      | 26.568 | 276  | 354023   | 44.64  | ng    | # 96     |

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





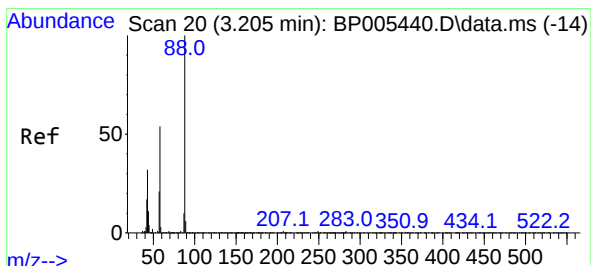
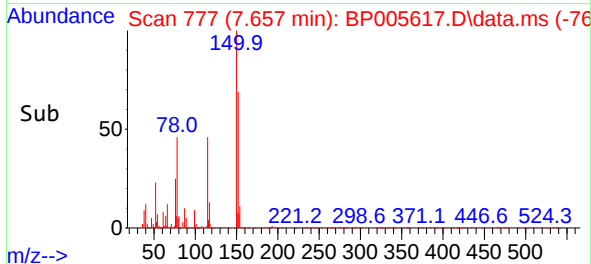
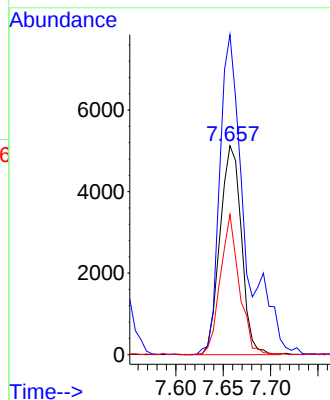
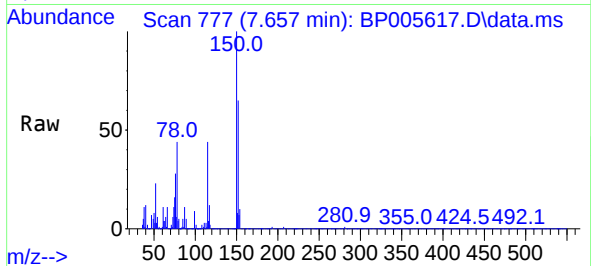
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1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.657 min Scan# 777  
Delta R.T. -0.006 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

Tgt Ion: 152 Resp: 8080  
Ion Ratio Lower Upper  
152 100  
150 153.1 119.8 179.8  
115 67.1 49.0 73.4

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BNA\_P  
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EME-19MS

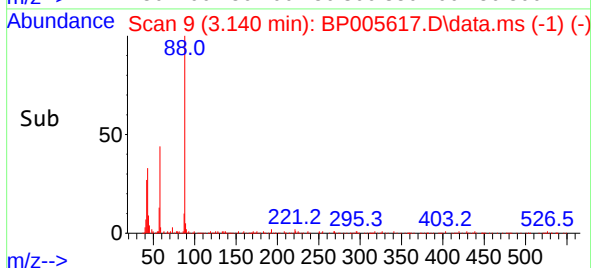
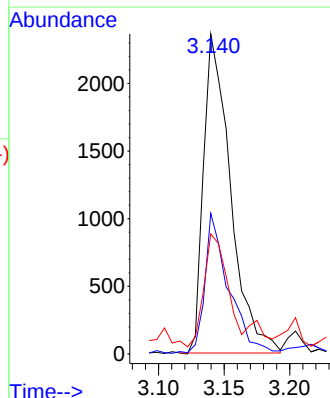
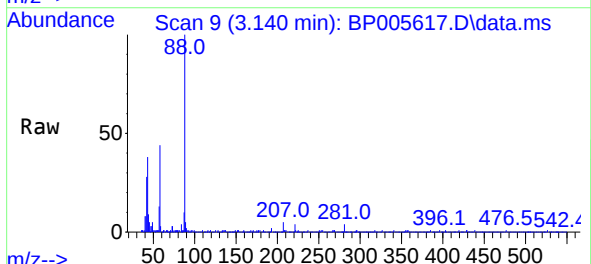
Manual Integrations  
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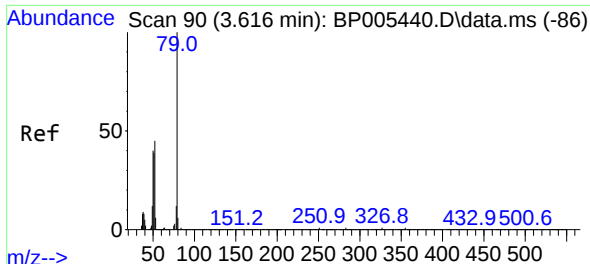
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#2  
1,4-Dioxane  
Concen: 18.28 ng  
RT: 3.140 min Scan# 9  
Delta R.T. -0.006 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

Tgt Ion: 88 Resp: 3383  
Ion Ratio Lower Upper  
88 100  
58 38.8 42.5 63.7#  
43 35.5 19.8 29.8#





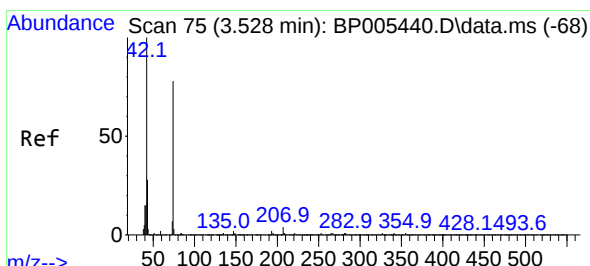
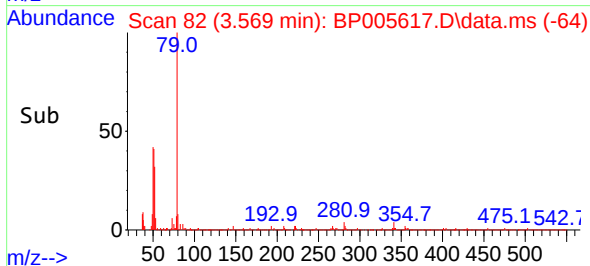
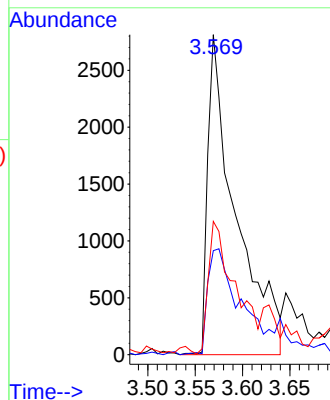
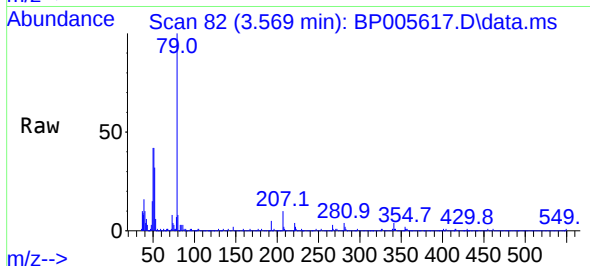
#3  
Pyridine  
Concen: 15.47 ng  
RT: 3.569 min Scan# 82  
Delta R.T. 0.006 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

Tgt Ion: 79 Resp: 5768  
Ion Ratio Lower Upper  
79 100  
52 32.5 40.3 60.5#  
51 41.7 20.0 30.0#

Instrument :  
BNA\_P  
ClientSampleId :  
EME-19MS

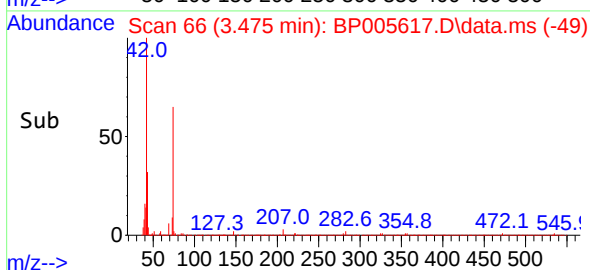
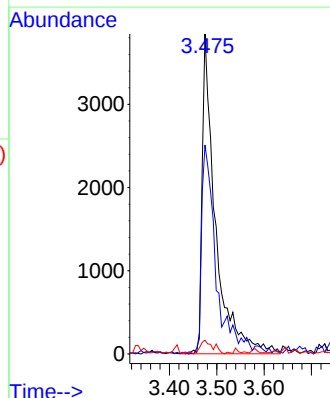
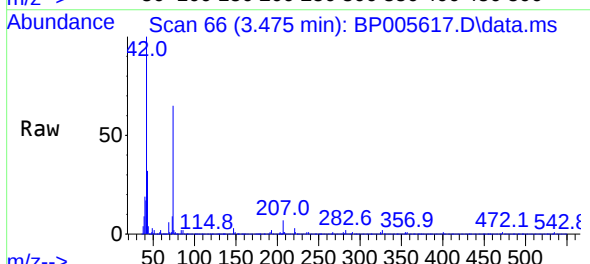
Manual Integrations  
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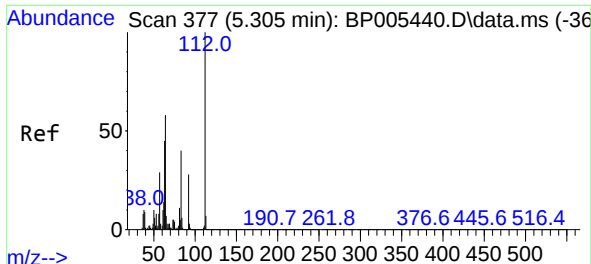
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#4  
n-Nitrosodimethylamine  
Concen: 25.15 ng  
RT: 3.475 min Scan# 66  
Delta R.T. -0.000 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

Tgt Ion: 42 Resp: 7541  
Ion Ratio Lower Upper  
42 100  
74 65.3 122.6 183.8#  
44 4.3 146.9 220.3#





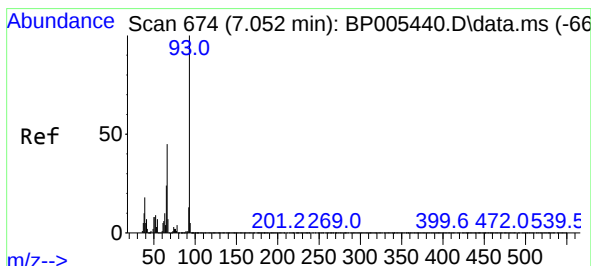
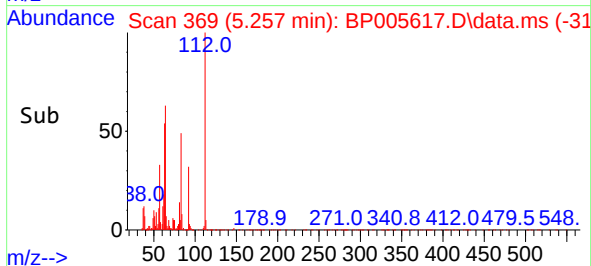
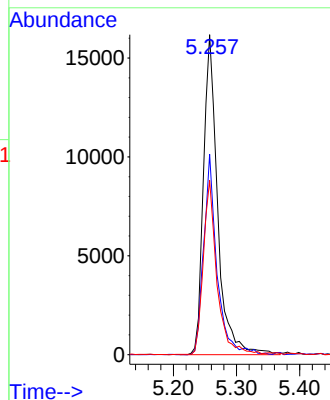
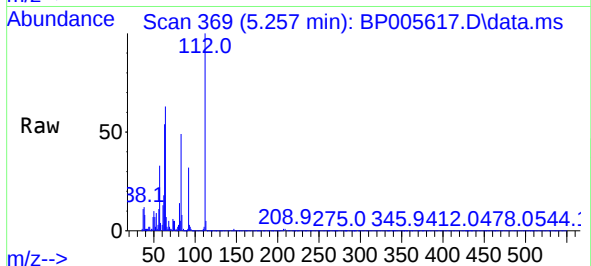
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2-Fluorophenol  
Concen: 60.18 ng  
RT: 5.257 min Scan# 369  
Delta R.T. -0.000 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 112   | Resp: | 25338 |
| Ion Ratio | Lower | Upper |       |
| 112       | 100   |       |       |
| 64        | 62.7  | 33.6  | 50.4# |
| 63        | 54.4  | 18.6  | 27.8# |

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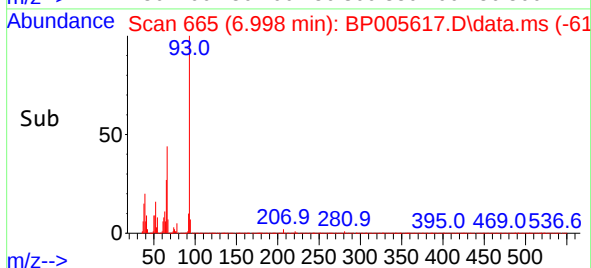
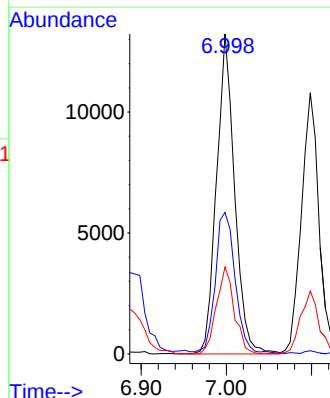
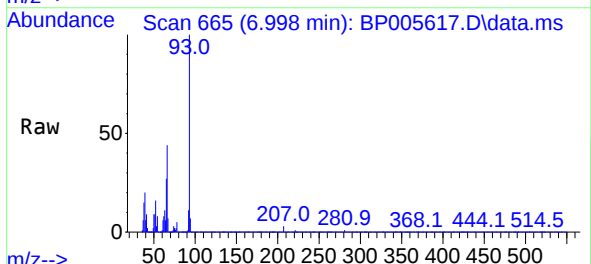
Manual Integrations  
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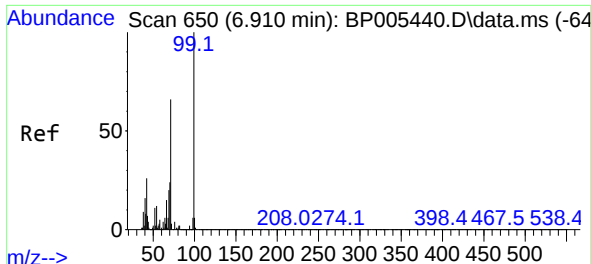
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5/20/2021 11:35:43 AM



#6  
Aniline  
Concen: 34.42 ng  
RT: 6.998 min Scan# 665  
Delta R.T. -0.006 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

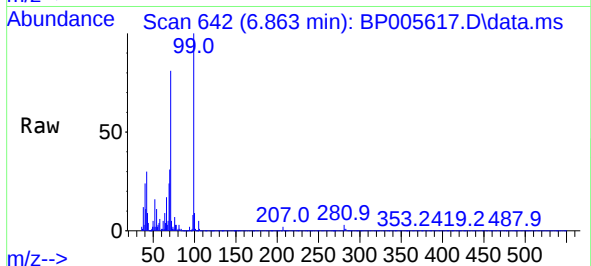
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|-----------|-------|-------|-------|
| Tgt Ion:  | 93    | Resp: | 19502 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 66        | 44.3  | 27.0  | 40.4# |
| 65        | 27.1  | 14.4  | 21.6# |





#7  
Phenol-d6  
Concen: 34.29 ng  
RT: 6.863 min Scan# 642  
Delta R.T. -0.000 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

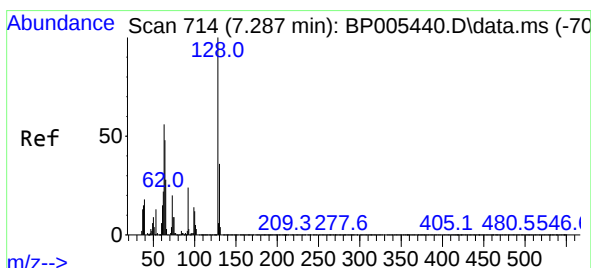
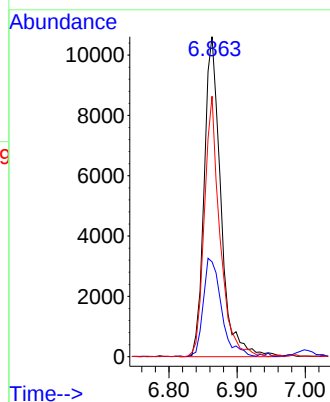
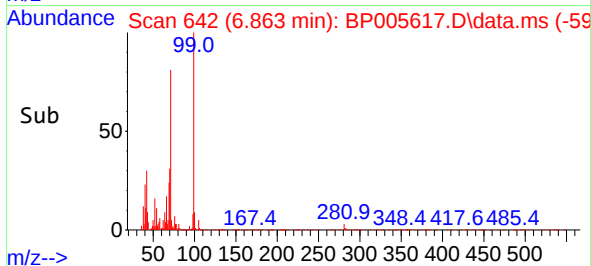
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BNA\_P  
ClientSampleId :  
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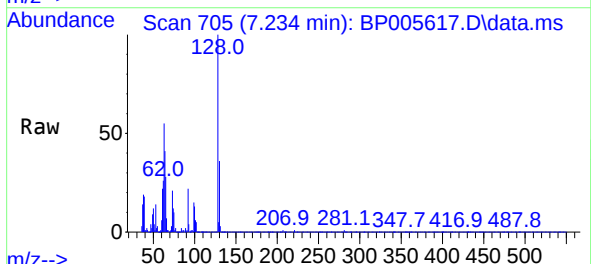
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Manual Integrations  
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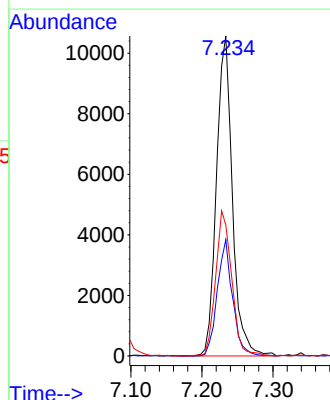
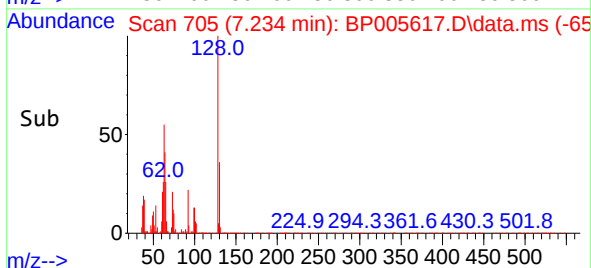
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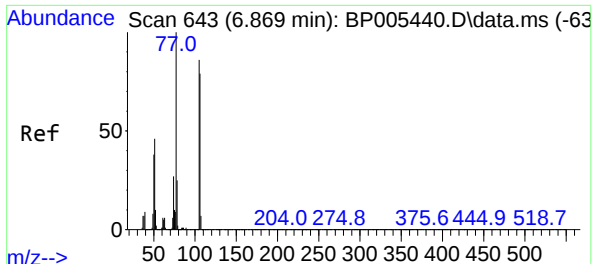


#8  
2-Chlorophenol  
Concen: 36.31 ng  
RT: 7.234 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19



Tgt Ion: 128 Resp: 16421  
Ion Ratio Lower Upper  
128 100  
130 36.4 14.1 54.1  
64 41.0 17.2 57.2





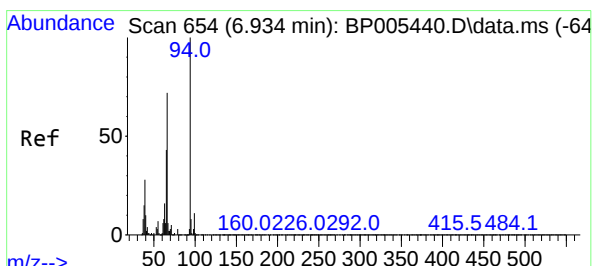
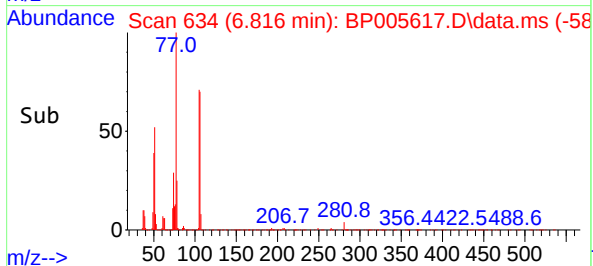
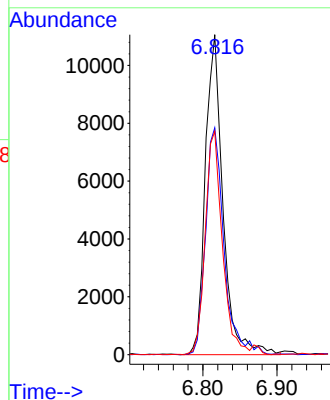
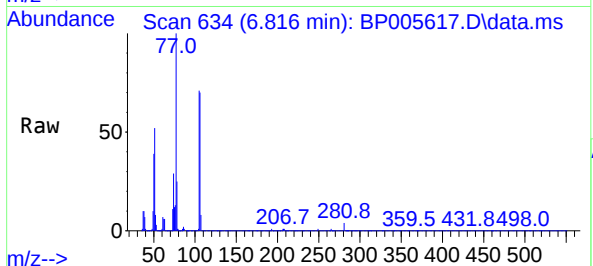
#9  
Benzaldehyde  
Concen: 70.96 ng  
RT: 6.816 min Scan# 634  
Delta R.T. -0.000 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

|             |             |
|-------------|-------------|
| Tgt Ion: 77 | Resp: 18244 |
| Ion Ratio   | Lower Upper |
| 77 100      |             |
| 105 70.9    | 89.4 129.4# |
| 106 69.8    | 79.9 119.9# |

Instrument :  
BNA\_P  
ClientSampleId :  
EME-19MS

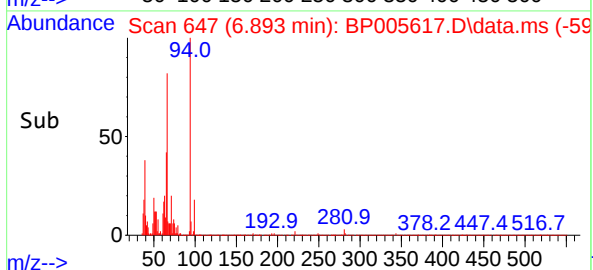
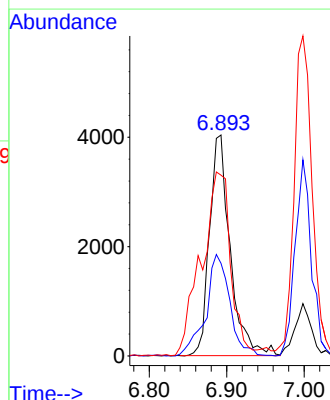
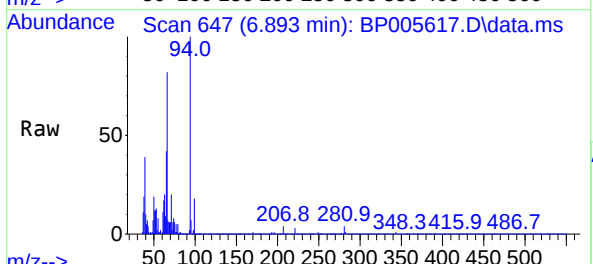
Manual Integrations  
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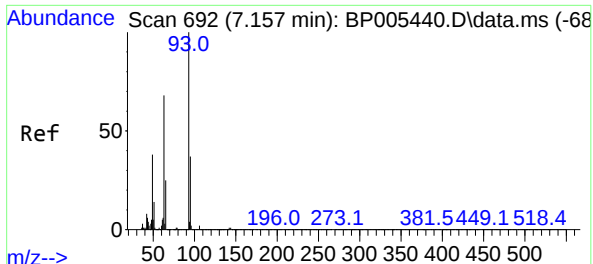
mohammad  
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#10  
Phenol  
Concen: 14.27 ng  
RT: 6.893 min Scan# 647  
Delta R.T. 0.006 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

|             |             |
|-------------|-------------|
| Tgt Ion: 94 | Resp: 7494  |
| Ion Ratio   | Lower Upper |
| 94 100      |             |
| 65 41.9     | 8.0 48.0    |
| 66 81.8     | 17.3 57.3#  |





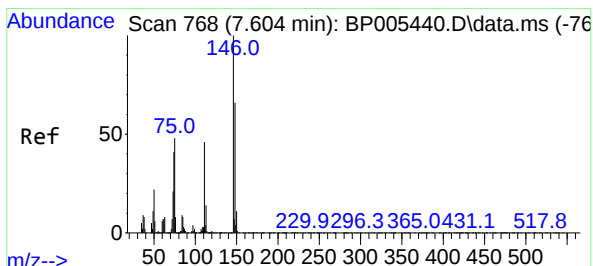
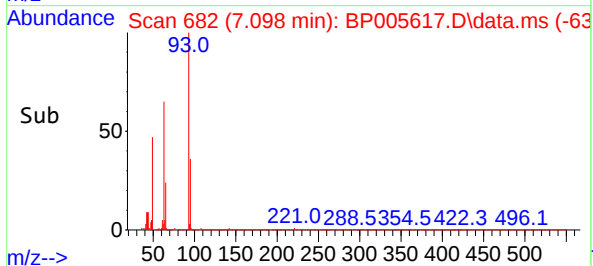
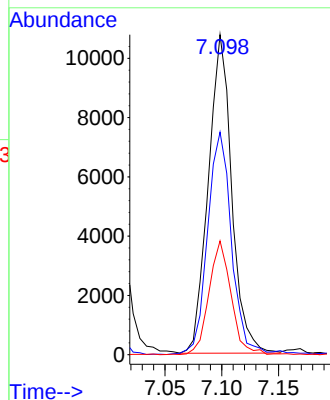
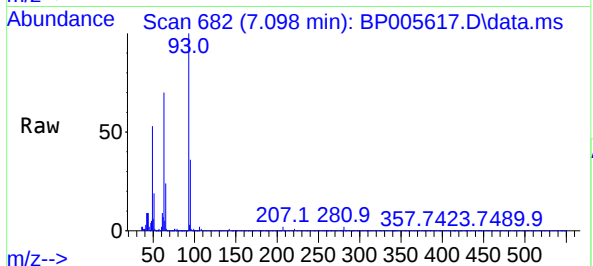
#11  
bis(2-Chloroethyl)ether  
Concen: 42.53 ng  
RT: 7.098 min Scan# 682  
Delta R.T. -0.006 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

|             |             |
|-------------|-------------|
| Tgt Ion: 93 | Resp: 15425 |
| Ion Ratio   | Lower Upper |
| 93 100      |             |
| 63 69.6     | 49.6 89.6   |
| 95 35.5     | 14.4 54.4   |

Instrument :  
BNA\_P  
ClientSampleId :  
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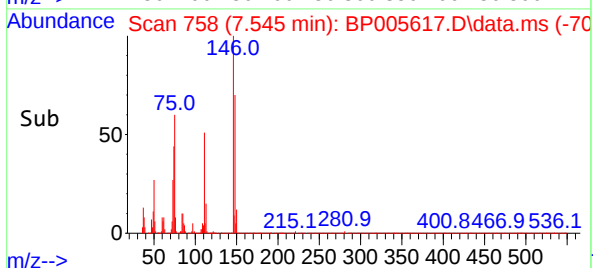
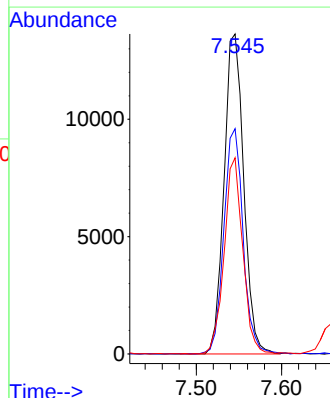
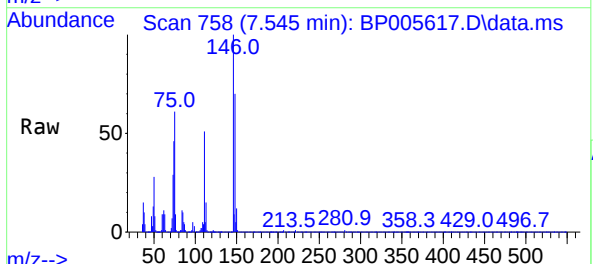
Manual Integrations  
APPROVED

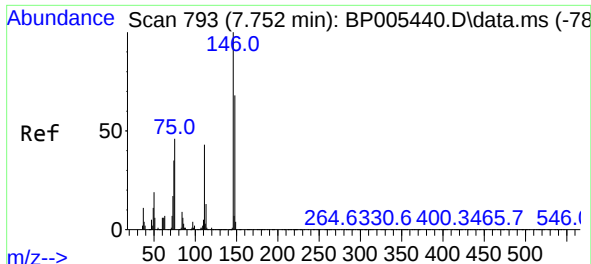
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#12  
1,3-Dichlorobenzene  
Concen: 36.33 ng  
RT: 7.545 min Scan# 758  
Delta R.T. -0.006 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

|             |             |       |   |
|-------------|-------------|-------|---|
| Tgt Ion:146 | Resp: 21857 |       |   |
| Ion Ratio   | Lower       | Upper |   |
| 146 100     |             |       |   |
| 148 70.4    | 51.4        | 77.0  |   |
| 75 61.3     | 23.9        | 35.9  | # |





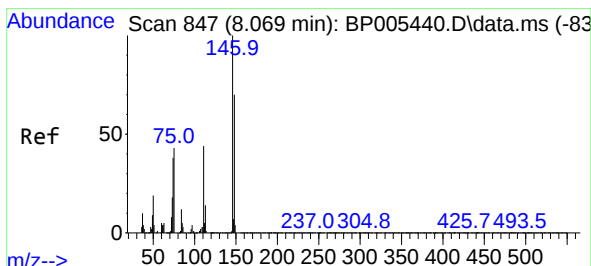
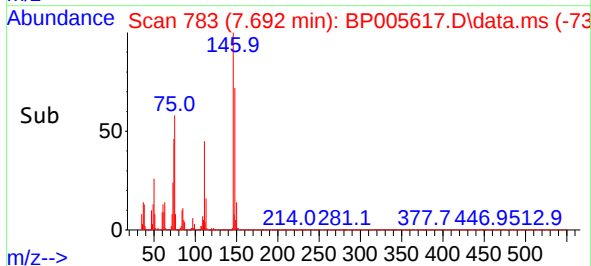
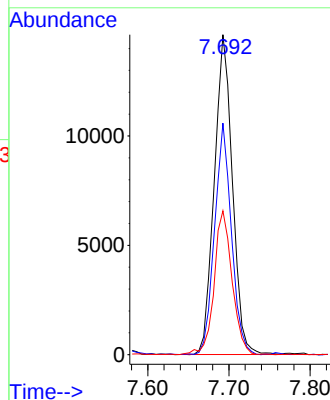
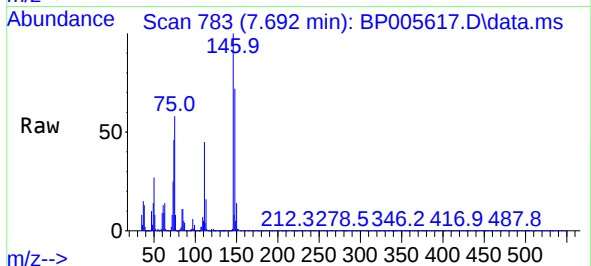
#13  
1,4-Dichlorobenzene  
Concen: 37.79 ng  
RT: 7.692 min Scan# 783  
Delta R.T. -0.006 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 22664 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 148       | 72.4  | 52.2  | 78.4  |
| 111       | 44.9  | 34.2  | 51.4  |

Instrument :  
BNA\_P  
ClientSampleId :  
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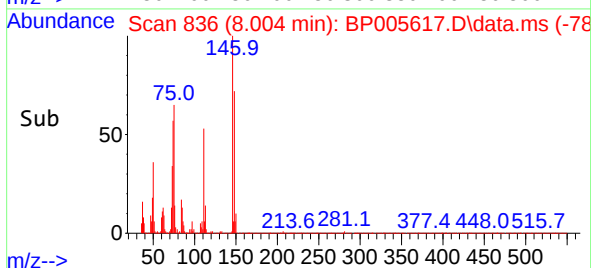
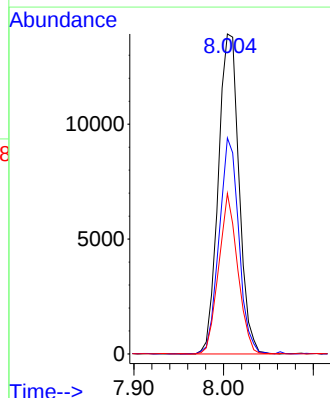
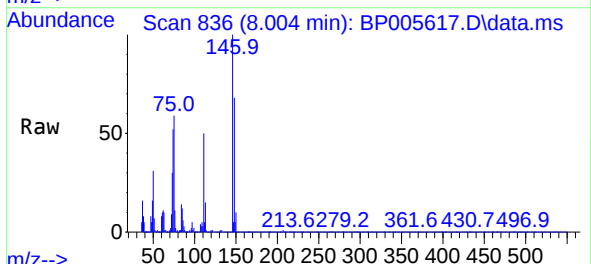
Manual Integrations  
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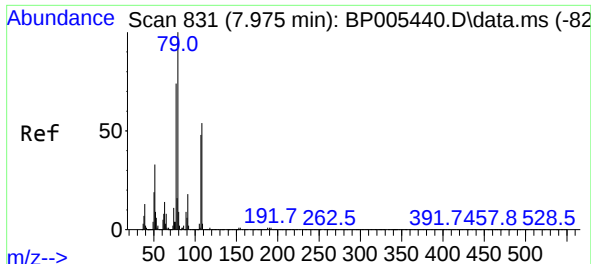
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#14  
1,2-Dichlorobenzene  
Concen: 38.91 ng  
RT: 8.004 min Scan# 836  
Delta R.T. -0.006 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

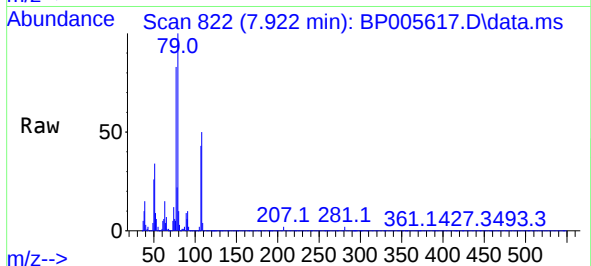
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 22364 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 148       | 67.5  | 51.5  | 77.3  |
| 111       | 50.2  | 34.0  | 51.0  |





#15  
Benzyl Alcohol  
Concen: 33.02 ng  
RT: 7.922 min Scan# 822  
Delta R.T. -0.006 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

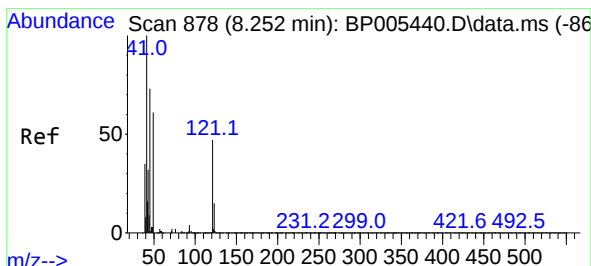
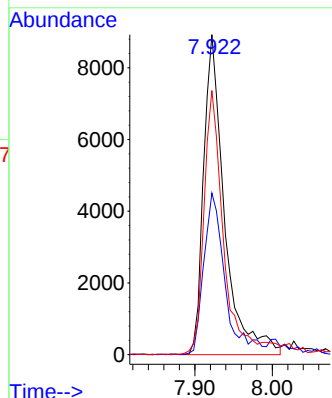
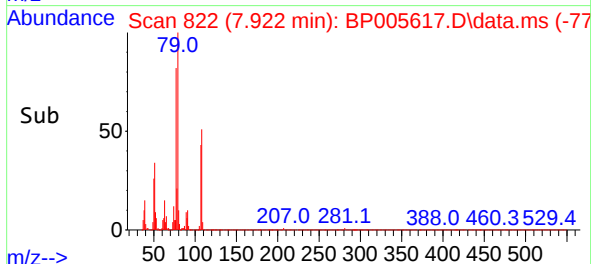
Instrument :  
BNA\_P  
ClientSampleId :  
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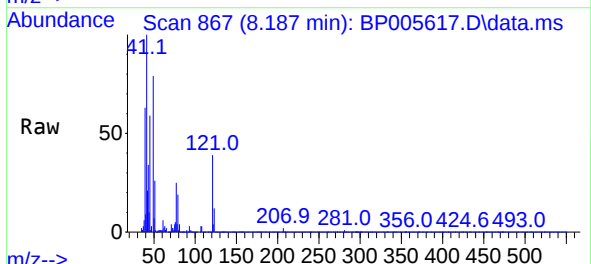
Tgt Ion: 79 Resp: 16725  
Ion Ratio Lower Upper  
79 100  
108 50.5 64.0 96.0#  
77 82.5 72.7 109.1

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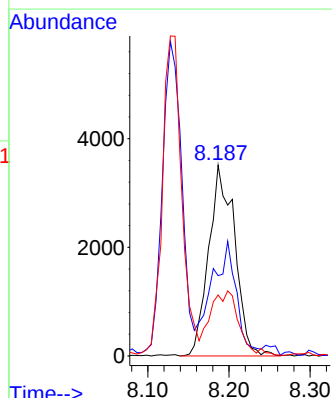
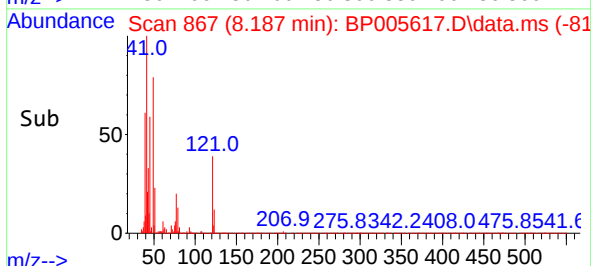
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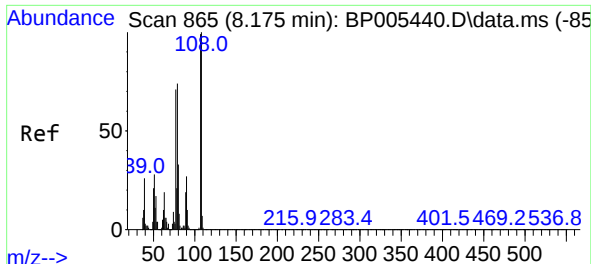


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 43.65 ng  
RT: 8.187 min Scan# 867  
Delta R.T. -0.012 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19



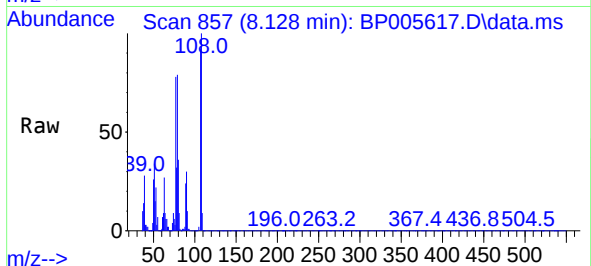
Tgt Ion: 45 Resp: 7816  
Ion Ratio Lower Upper  
45 100  
77 42.2 7.0 47.0  
79 31.9 1.0 41.0





#17  
2-Methylphenol  
Concen: 29.97 ng  
RT: 8.128 min Scan# 857  
Delta R.T. -0.006 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

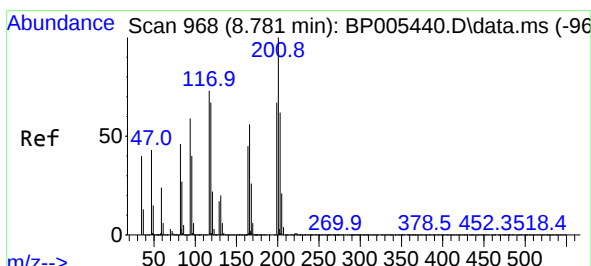
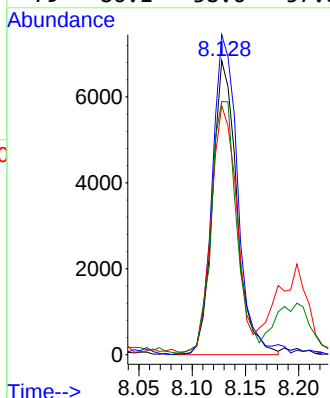
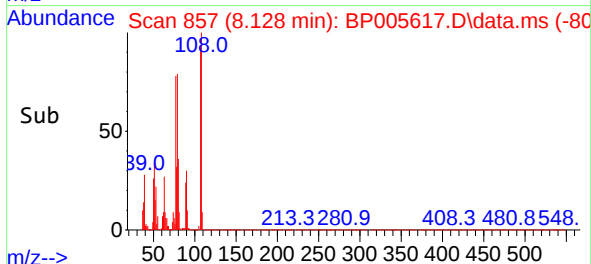
Instrument :  
BNA\_P  
ClientSampleId :  
EME-19MS



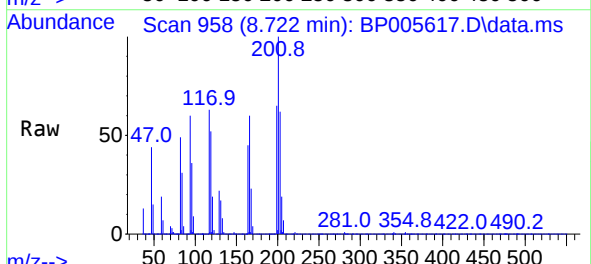
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 10808 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 108.8 | 85.8  | 128.8 |
| 77       | 84.6  | 41.4  | 62.0# |
| 79       | 86.1  | 38.6  | 57.8# |

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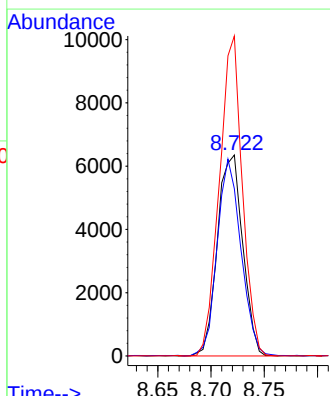
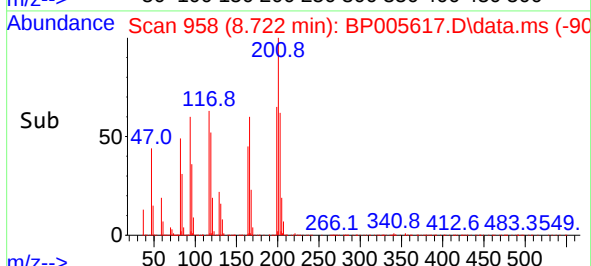
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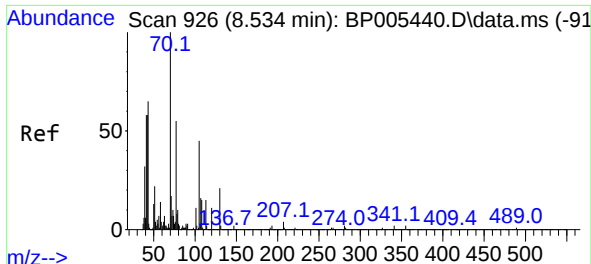


#18  
Hexachloroethane  
Concen: 42.27 ng  
RT: 8.722 min Scan# 958  
Delta R.T. -0.000 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 10499  |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 83.2  | 80.1  | 120.1  |
| 201      | 159.3 | 98.8  | 148.2# |





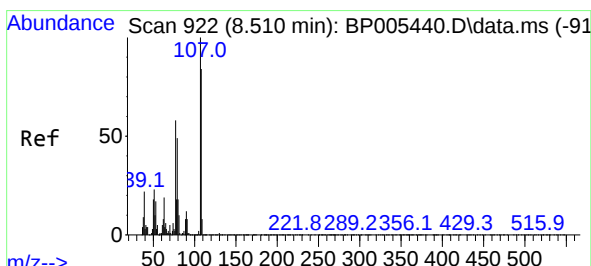
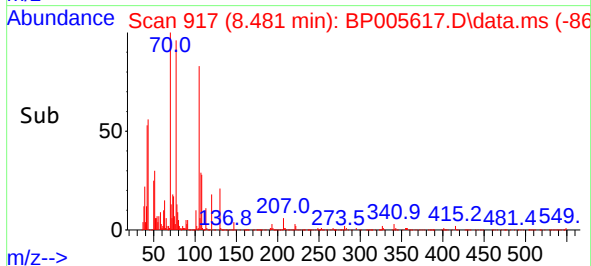
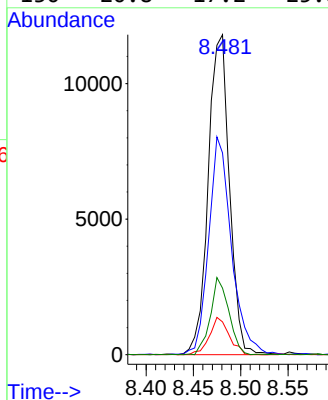
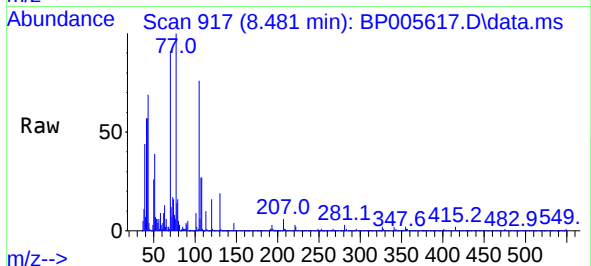
#19  
n-Nitroso-di-n-propylamine  
Concen: 47.90 ng  
RT: 8.481 min Scan# 917  
Delta R.T. -0.000 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 18415 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 63.0  | 39.7  | 59.5# |
| 101      | 10.3  | 7.4   | 11.0  |
| 130      | 20.8  | 17.2  | 25.8  |

Instrument :  
BNA\_P  
ClientSampleId :  
EME-19MS

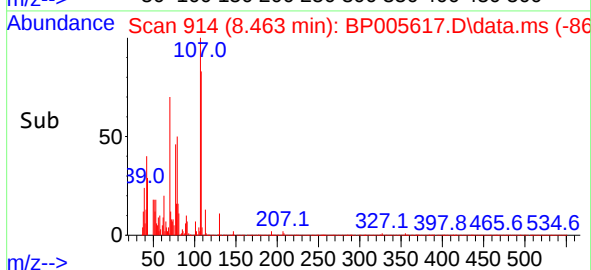
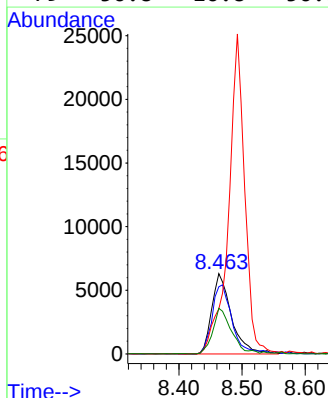
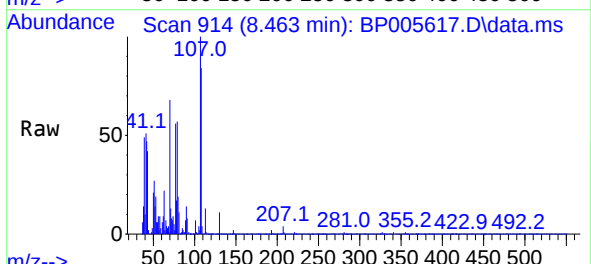
Manual Integrations  
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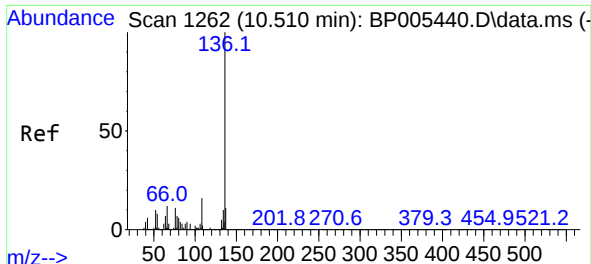
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#20  
3+4-Methylphenols  
Concen: 28.62 ng  
RT: 8.463 min Scan# 914  
Delta R.T. -0.006 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 13721 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 83.6  | 69.5  | 109.5 |
| 77       | 56.1  | 21.5  | 61.5  |
| 79       | 56.8  | 16.8  | 56.8  |





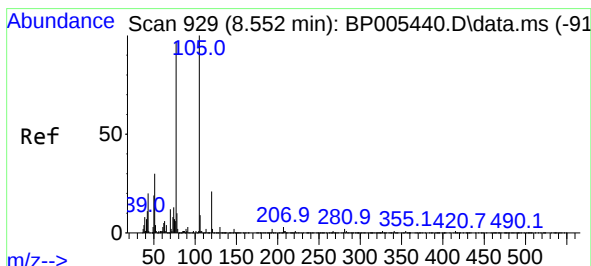
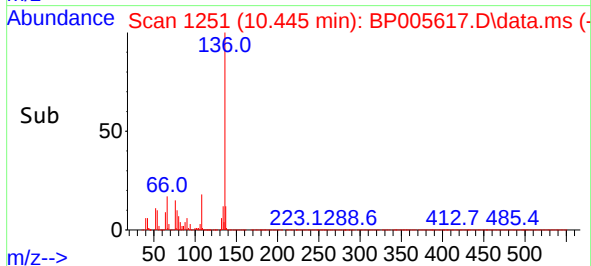
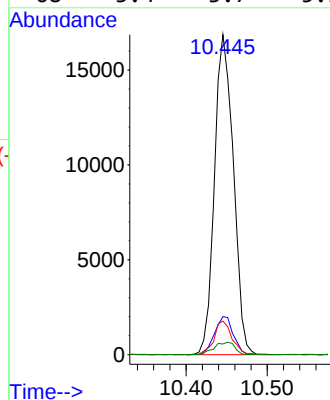
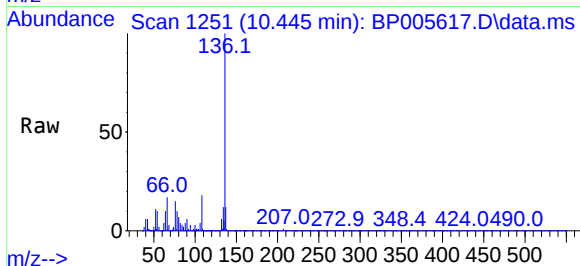
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.445 min Scan# 1251  
Delta R.T. -0.006 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 27266 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.9  | 8.9   | 13.3  |
| 54        | 10.5  | 5.0   | 7.4#  |
| 68        | 3.4   | 3.7   | 5.5#  |

Instrument :  
BNA\_P  
ClientSampleId :  
EME-19MS

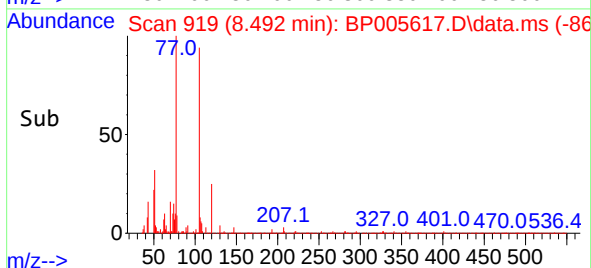
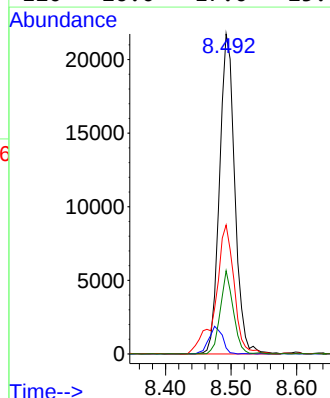
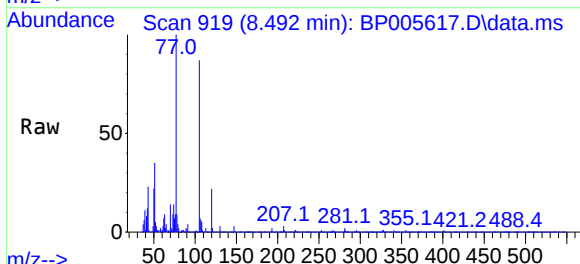
Manual Integrations  
APPROVED

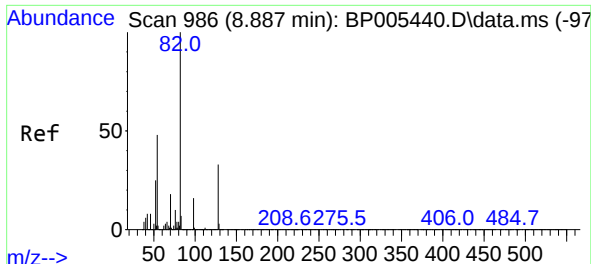
mohammad  
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#22  
Acetophenone  
Concen: 45.59 ng  
RT: 8.492 min Scan# 919  
Delta R.T. -0.006 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 105   | Resp: | 35065 |
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 71        | 1.9   | 0.9   | 1.3#  |
| 51        | 40.3  | 18.2  | 27.2# |
| 120       | 26.0  | 17.0  | 25.6# |





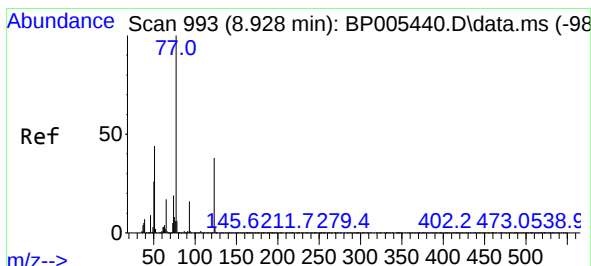
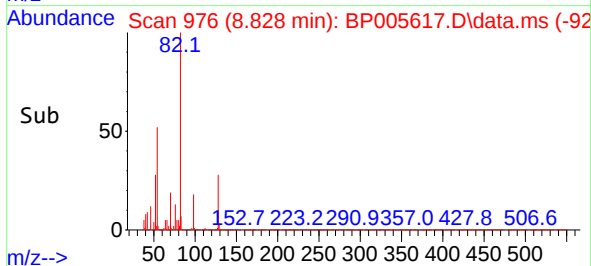
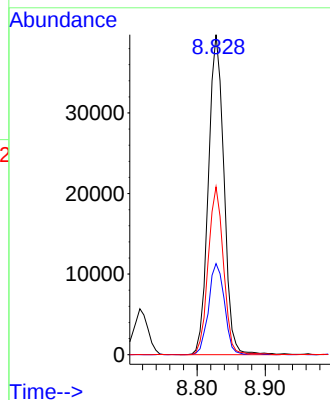
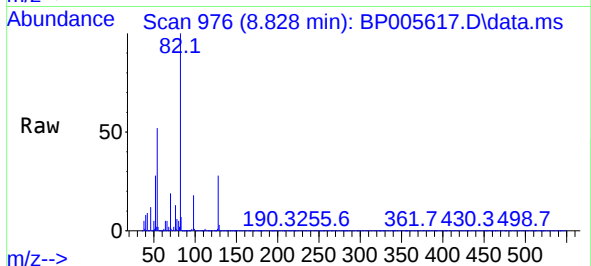
#23  
Nitrobenzene-d5  
Concen: 91.02 ng  
RT: 8.828 min Scan# 976  
Delta R.T. -0.006 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

Tgt Ion: 82 Resp: 63053  
Ion Ratio Lower Upper  
82 100  
128 28.5 30.5 45.7#  
54 52.4 33.9 50.9#

Instrument :  
BNA\_P  
ClientSampleId :  
EME-19MS

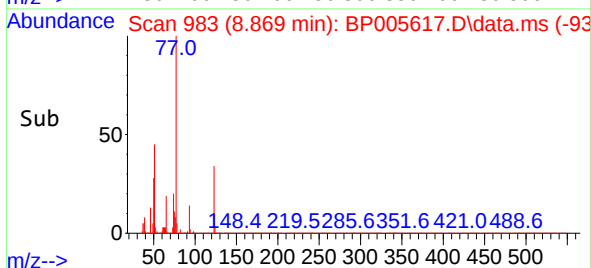
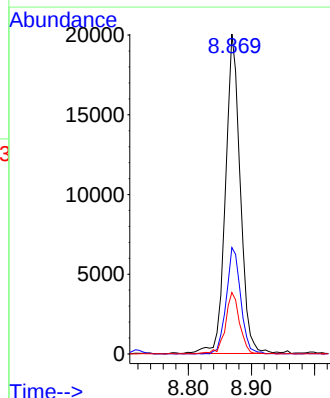
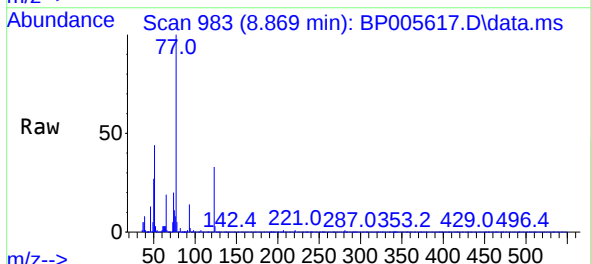
Manual Integrations  
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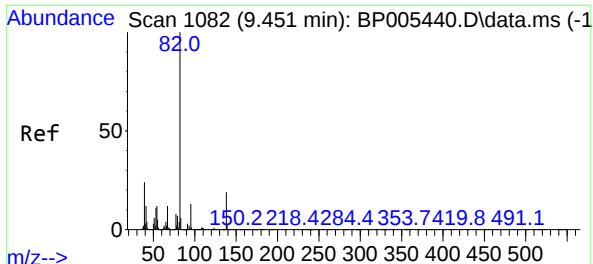
mohammad  
5/20/2021 11:35:43 AM



#24  
Nitrobenzene  
Concen: 46.92 ng  
RT: 8.869 min Scan# 983  
Delta R.T. -0.006 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

Tgt Ion: 77 Resp: 32605  
Ion Ratio Lower Upper  
77 100  
123 33.3 31.7 47.5  
65 19.2 11.5 17.3#





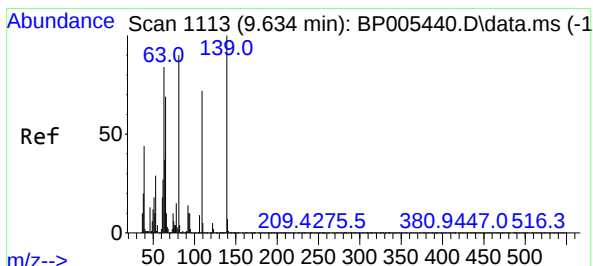
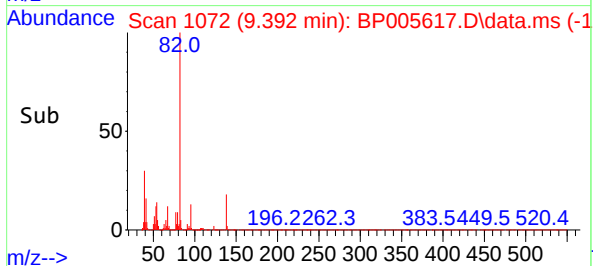
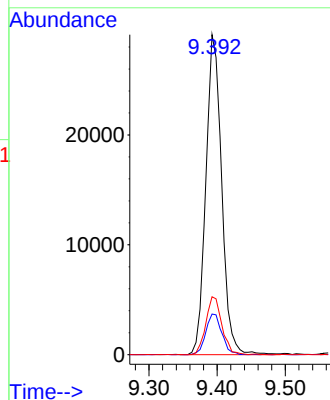
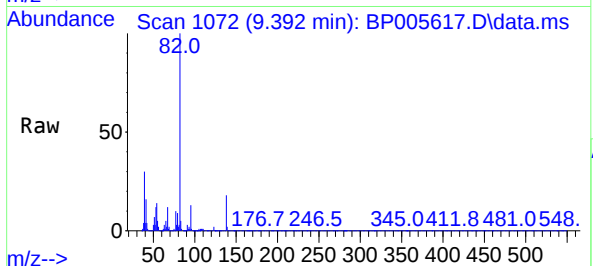
#25  
Isophorone  
Concen: 43.87 ng  
RT: 9.392 min Scan# 1072  
Delta R.T. -0.006 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

Tgt Ion: 82 Resp: 47062  
Ion Ratio Lower Upper  
82 100  
95 12.7 7.5 11.3#  
138 18.1 14.6 22.0

Instrument :  
BNA\_P  
ClientSampleId :  
EME-19MS

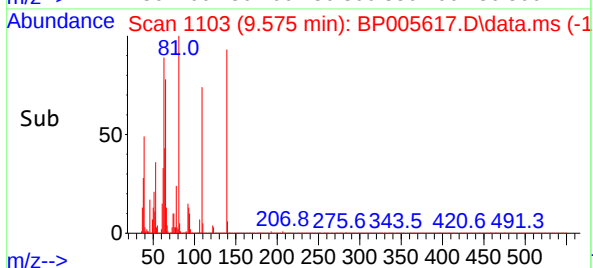
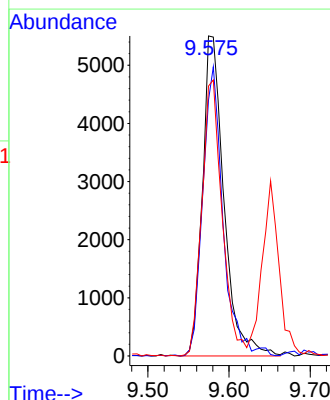
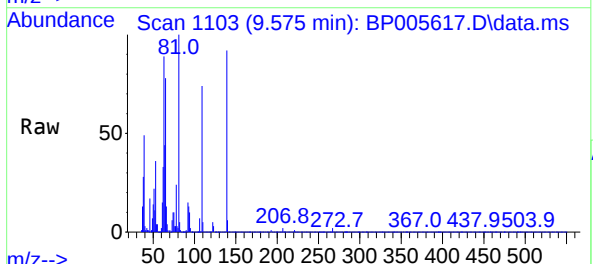
Manual Integrations  
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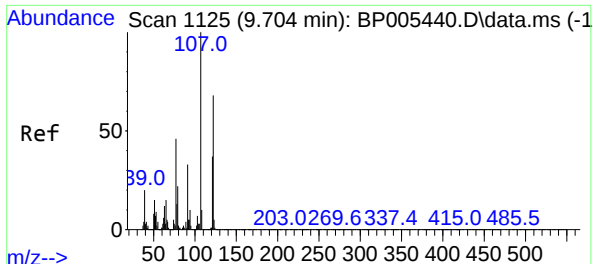
mohammad  
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#26  
2-Nitrophenol  
Concen: 34.83 ng  
RT: 9.575 min Scan# 1103  
Delta R.T. -0.006 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

Tgt Ion: 139 Resp: 10135  
Ion Ratio Lower Upper  
139 100  
109 80.0 40.7 61.1#  
65 84.3 47.8 71.6#





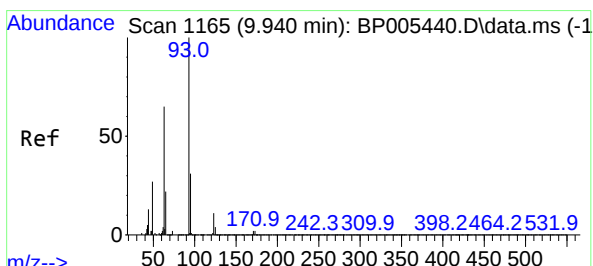
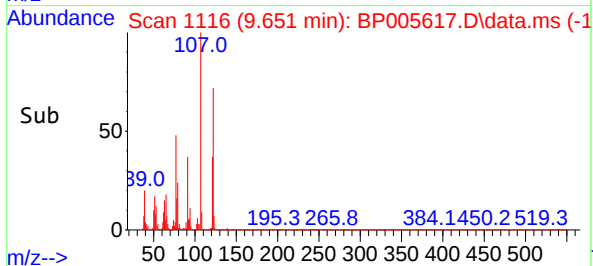
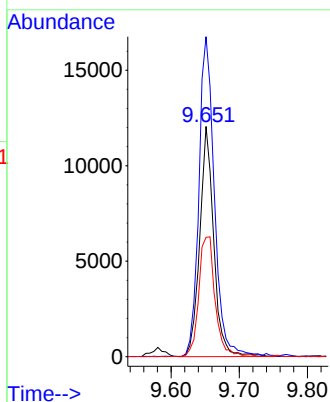
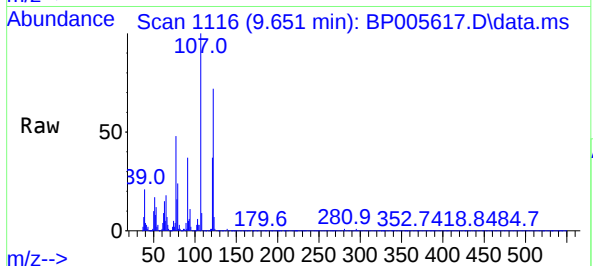
#27  
2,4-Dimethylphenol  
Concen: 44.77 ng  
RT: 9.651 min Scan# 1116  
Delta R.T. -0.006 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 122   | Resp: | 17243 |
| Ion      | Ratio | Lower | Upper |
| 122      | 100   |       |       |
| 107      | 139.0 | 93.8  | 140.8 |
| 121      | 51.8  | 45.6  | 68.4  |

Instrument :  
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ClientSampleId :  
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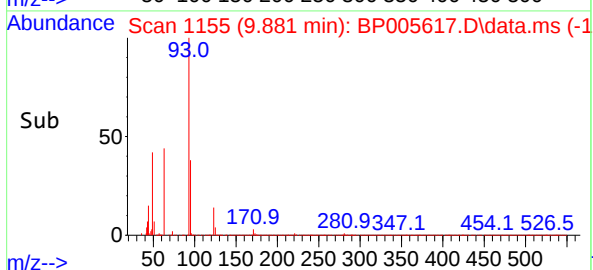
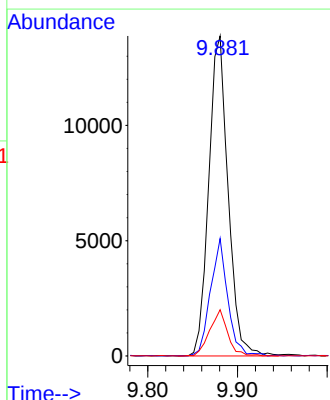
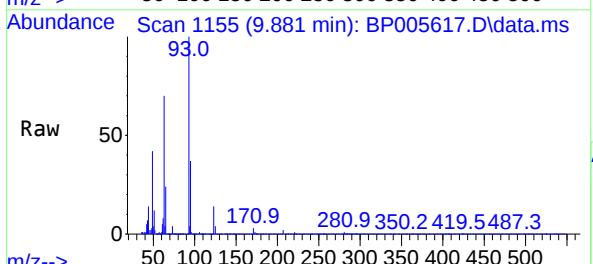
Manual Integrations  
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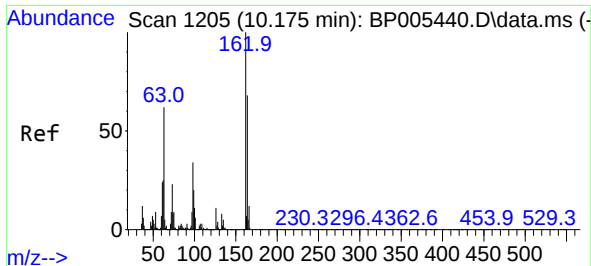
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#28  
bis(2-Chloroethoxy)methane  
Concen: 46.28 ng  
RT: 9.881 min Scan# 1155  
Delta R.T. -0.006 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 20784 |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 95       | 36.7  | 24.9  | 37.3  |
| 123      | 14.4  | 9.5   | 14.3  |





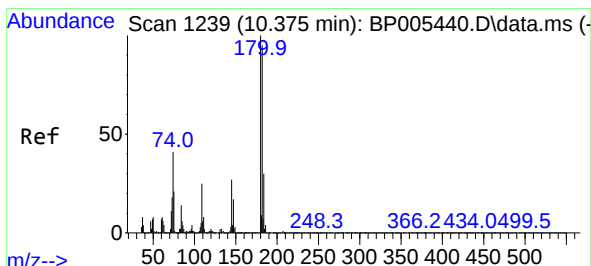
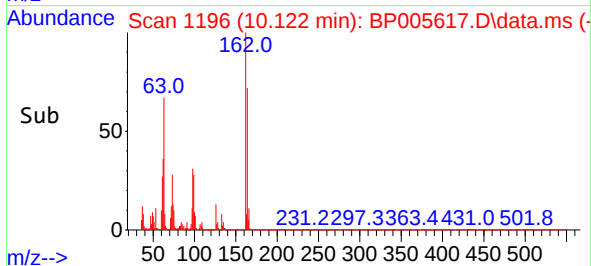
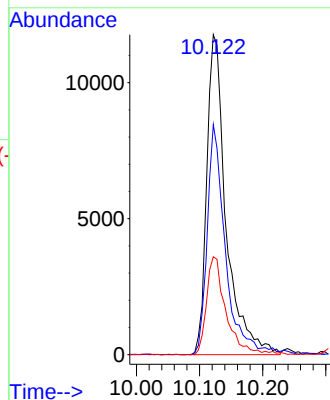
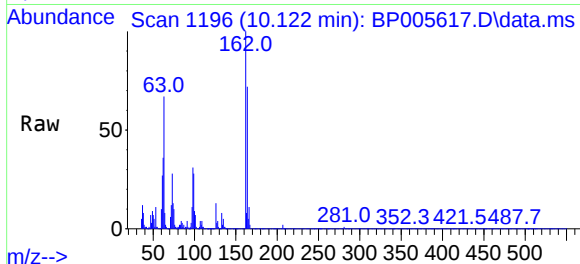
#29  
2,4-Dichlorophenol  
Concen: 41.47 ng  
RT: 10.122 min Scan# 1196  
Delta R.T. -0.006 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 162   | Resp: | 25082 |
| Ion Ratio | Lower | Upper |       |
| 162       | 100   |       |       |
| 164       | 71.9  | 44.1  | 84.1  |
| 98        | 30.6  | 12.6  | 52.6  |

Instrument :  
BNA\_P  
ClientSampleId :  
EME-19MS

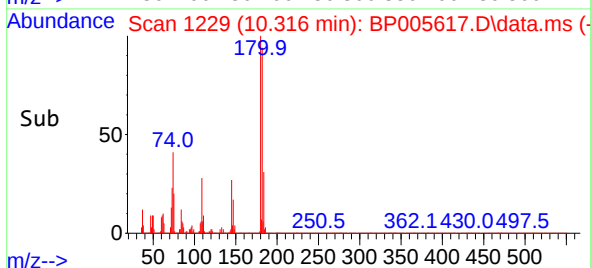
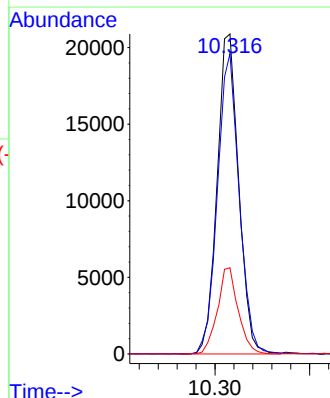
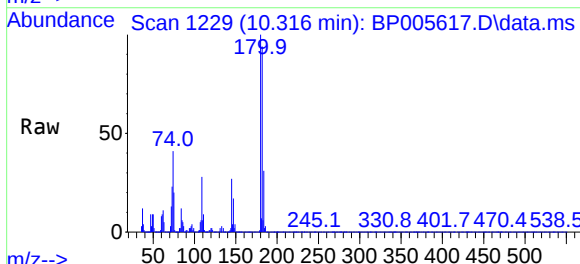
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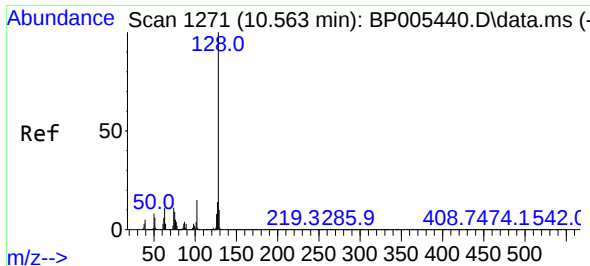
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5/20/2021 11:35:43 AM



#30  
1,2,4-Trichlorobenzene  
Concen: 42.79 ng  
RT: 10.316 min Scan# 1229  
Delta R.T. -0.006 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

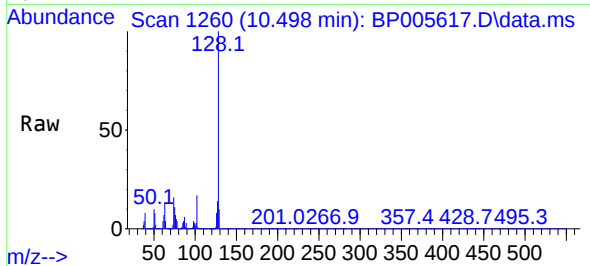
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 33058 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 93.8  | 77.2  | 115.8 |
| 145       | 27.0  | 21.7  | 32.5  |





#31  
Naphthalene  
Concen: 41.58 ng  
RT: 10.498 min Scan# 1260  
Delta R.T. -0.006 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

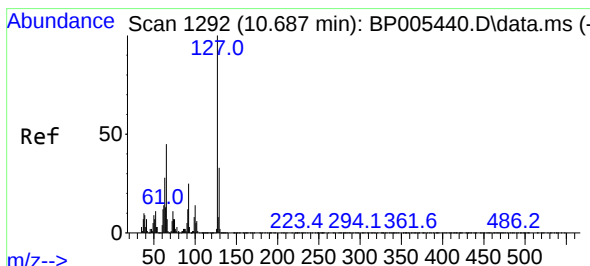
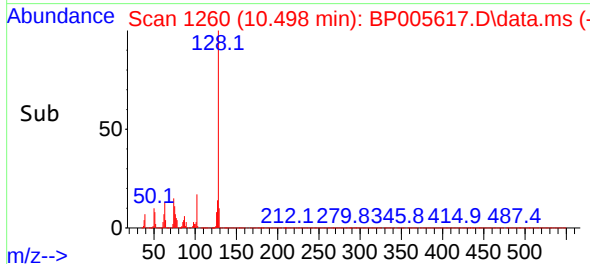
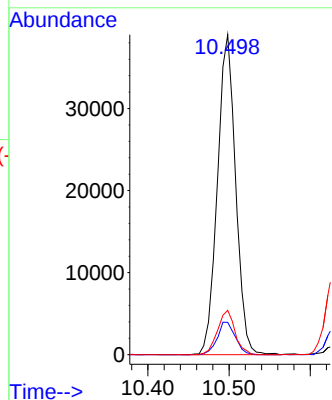
Instrument :  
BNA\_P  
ClientSampleId :  
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Tgt Ion:128 Resp: 60961  
Ion Ratio Lower Upper  
128 100  
129 10.1 8.0 12.0  
127 13.9 11.1 16.7

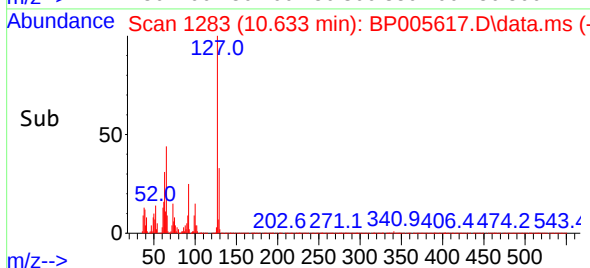
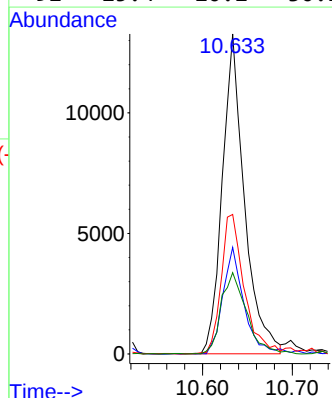
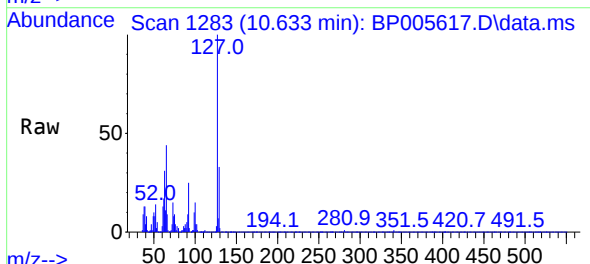
Manual Integrations  
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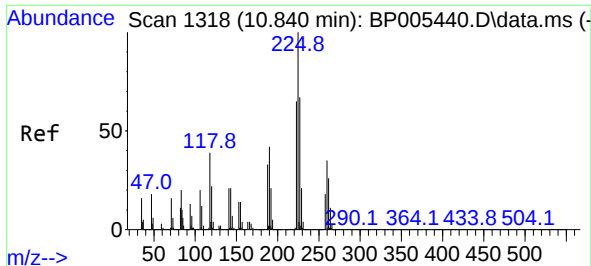
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5/20/2021 11:35:43 AM



#33  
4-Chloroaniline  
Concen: 39.78 ng  
RT: 10.633 min Scan# 1283  
Delta R.T. -0.012 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

Tgt Ion:127 Resp: 22717  
Ion Ratio Lower Upper  
127 100  
129 33.3 25.5 38.3  
65 43.6 30.0 45.0  
92 25.4 20.2 30.2





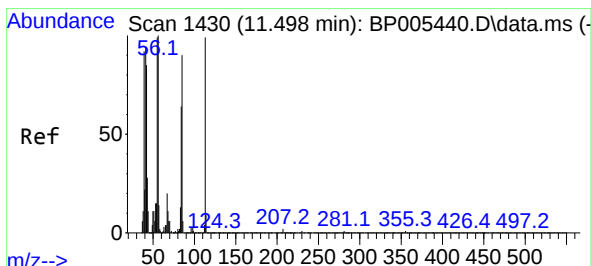
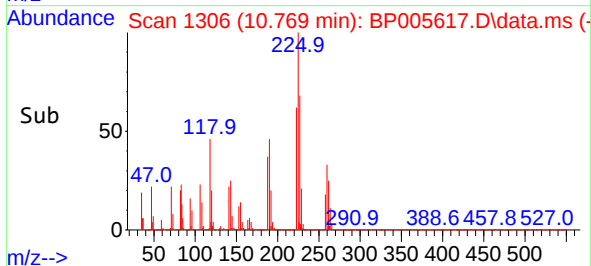
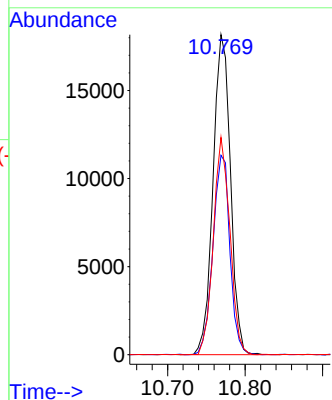
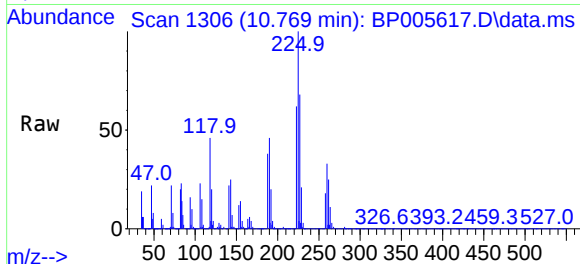
#34  
Hexachlorobutadiene  
Concen: 44.00 ng  
RT: 10.769 min Scan# 1306  
Delta R.T. -0.006 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

Instrument :  
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| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.3  | 51.1  | 76.7  |
| 227     | 67.9  | 50.2  | 75.2  |

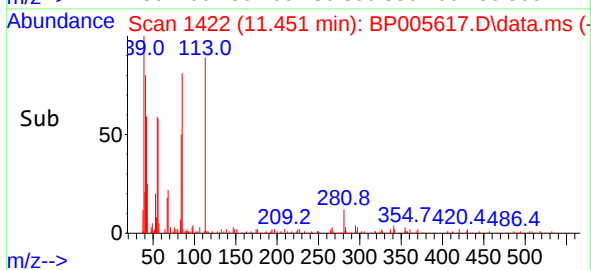
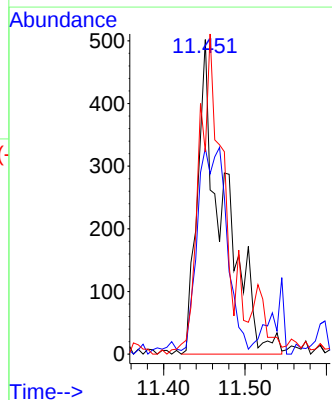
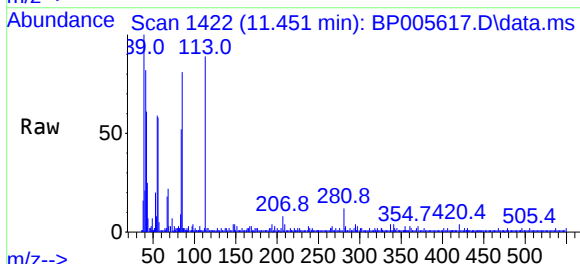
Manual Integrations  
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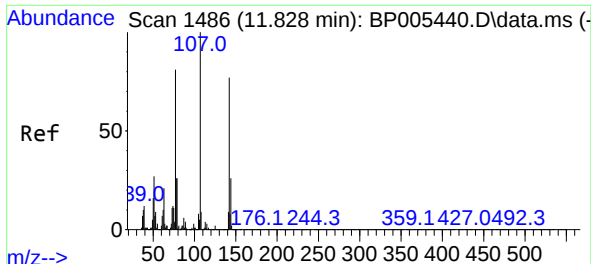
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#35  
Caprolactam  
Concen: 8.13 ng m  
RT: 11.451 min Scan# 1422  
Delta R.T. -0.000 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

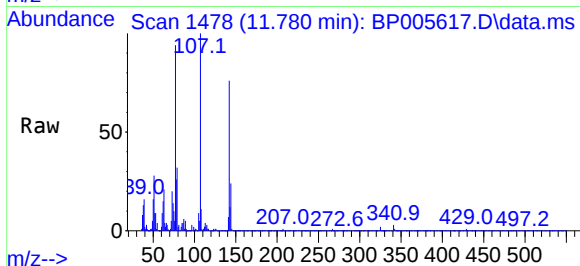
| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 113     | 100   |       |        |
| 55      | 65.5  | 72.0  | 112.0# |
| 56      | 64.3  | 65.1  | 105.1# |





#36  
4-Chloro-3-methylphenol  
Concen: 40.70 ng  
RT: 11.780 min Scan# 1478  
Delta R.T. -0.006 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

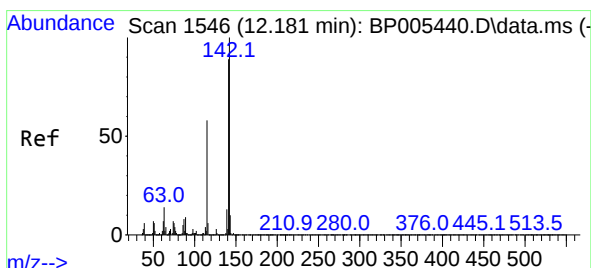
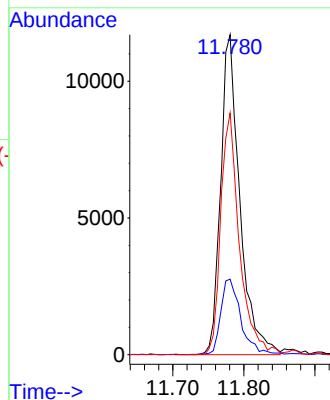
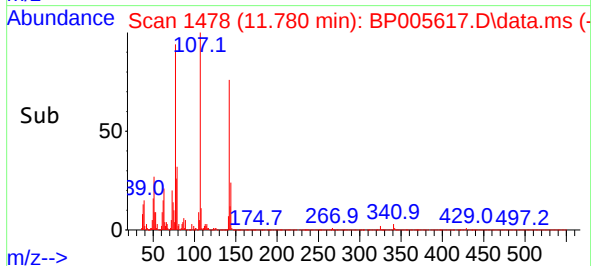
Instrument :  
BNA\_P  
ClientSampleId :  
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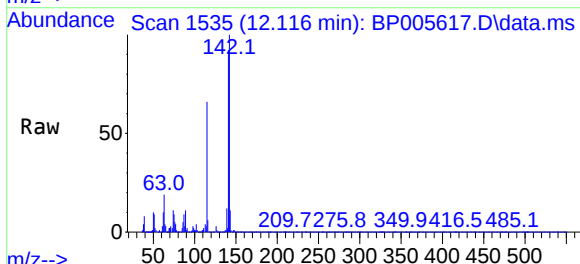
Tgt Ion:107 Resp: 21943  
Ion Ratio Lower Upper  
107 100  
144 23.6 20.1 30.1  
142 75.6 62.2 93.4

Manual Integrations  
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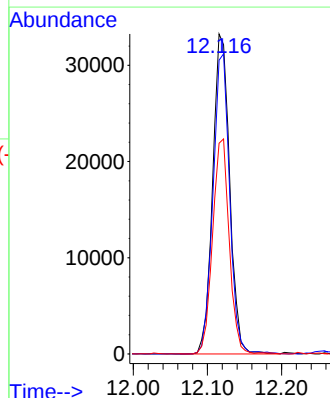
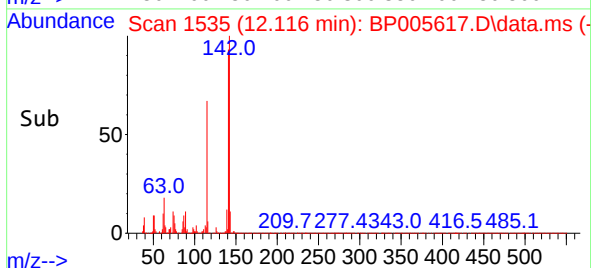
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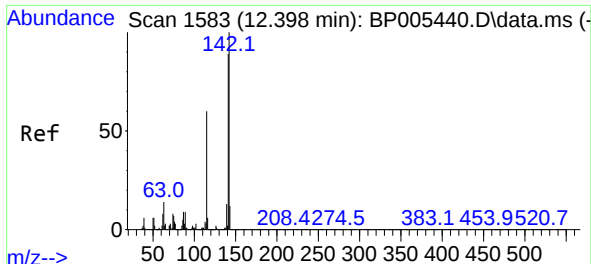


#37  
2-Methylnaphthalene  
Concen: 44.78 ng  
RT: 12.116 min Scan# 1535  
Delta R.T. -0.012 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19



Tgt Ion:142 Resp: 52665  
Ion Ratio Lower Upper  
142 100  
141 91.8 74.7 112.1  
115 65.9 43.8 65.8#





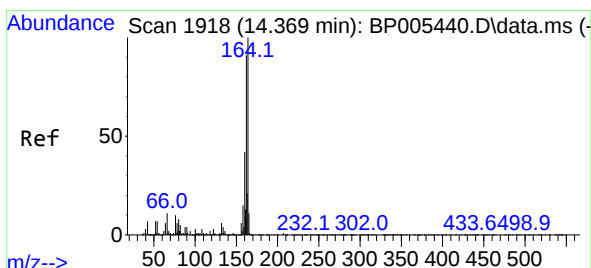
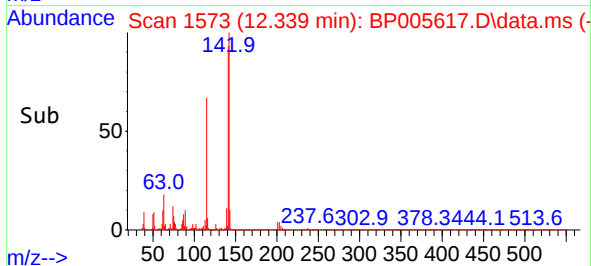
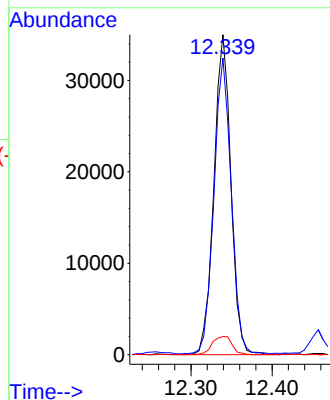
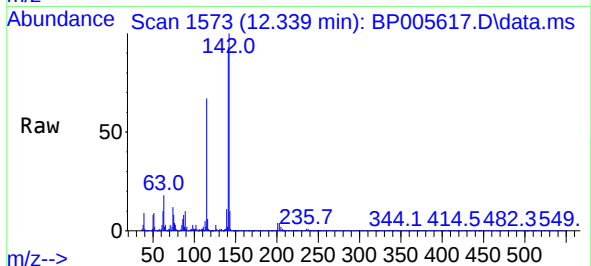
#38  
1-Methylnaphthalene  
Concen: 45.79 ng  
RT: 12.339 min Scan# 1573  
Delta R.T. -0.006 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

Tgt Ion:142 Resp: 50840  
Ion Ratio Lower Upper  
142 100  
141 92.7 77.0 115.6  
116 5.7 5.0 7.6

Instrument :  
BNA\_P  
ClientSampleId :  
EME-19MS

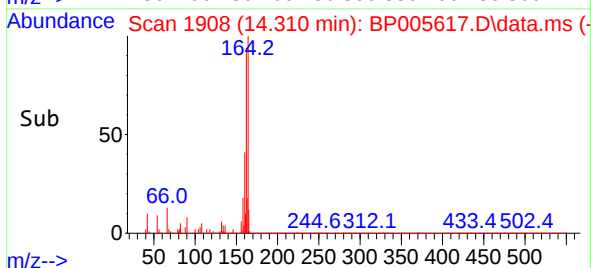
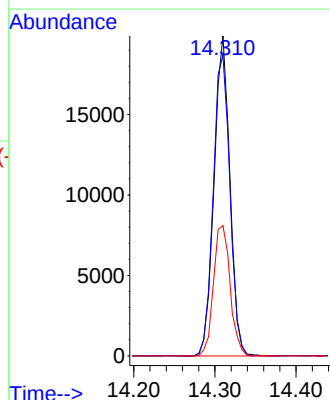
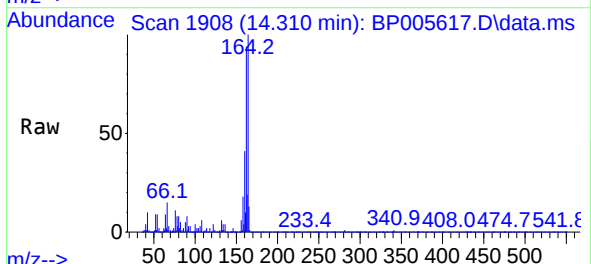
Manual Integrations  
APPROVED

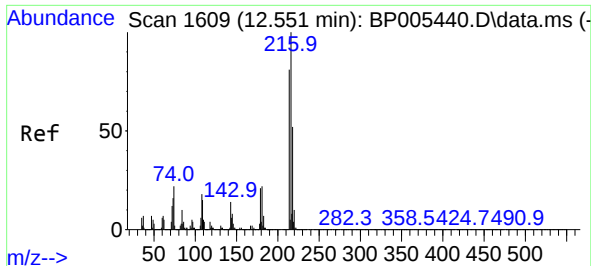
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#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.310 min Scan# 1908  
Delta R.T. -0.006 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

Tgt Ion:164 Resp: 26910  
Ion Ratio Lower Upper  
164 100  
162 94.0 73.5 110.3  
160 40.8 40.6 61.0





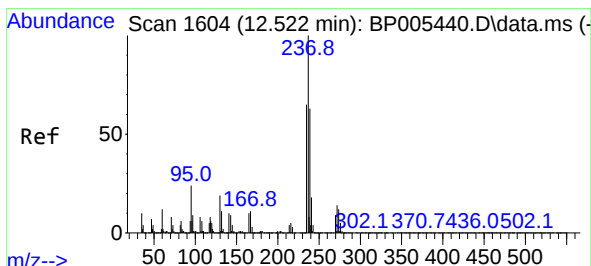
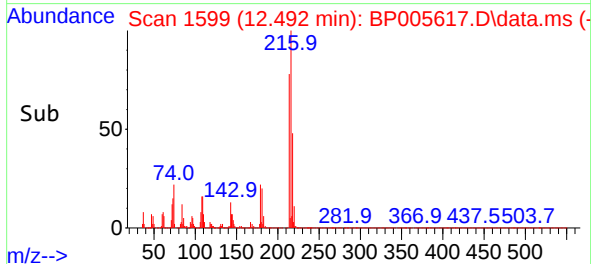
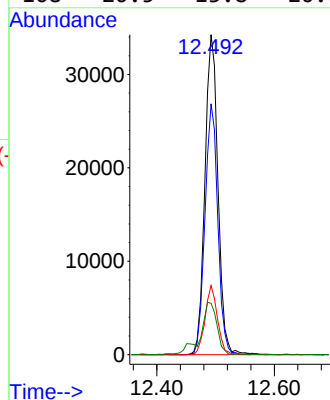
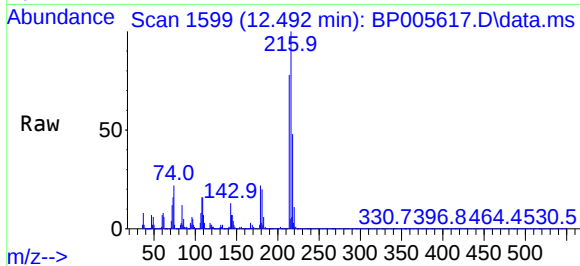
#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 42.69 ng  
RT: 12.492 min Scan# 1599  
Delta R.T. -0.006 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

Instrument :  
BNA\_P  
ClientSampleId :  
EME-19MS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 216   | Resp: | 52786 |
| Ion Ratio | Lower | Upper |       |
| 216       | 100   |       |       |
| 214       | 76.9  | 60.6  | 91.0  |
| 179       | 20.6  | 15.3  | 22.9  |
| 108       | 20.5  | 13.8  | 20.6  |

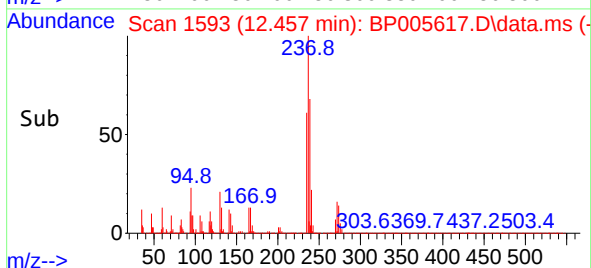
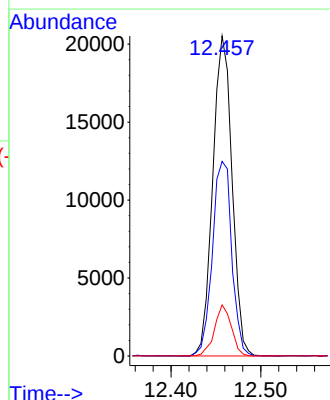
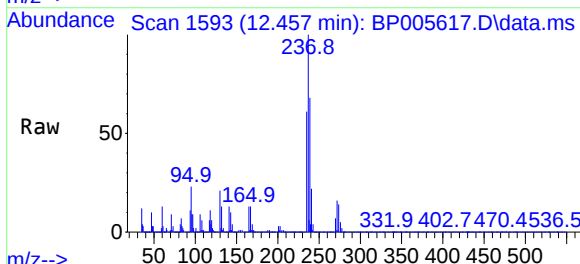
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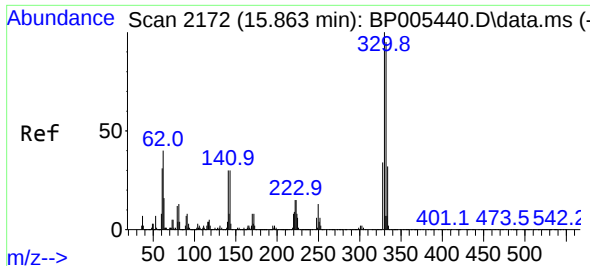
mohammad  
5/20/2021 11:35:43 AM



#41  
Hexachlorocyclopentadiene  
Concen: 60.96 ng  
RT: 12.457 min Scan# 1593  
Delta R.T. -0.006 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

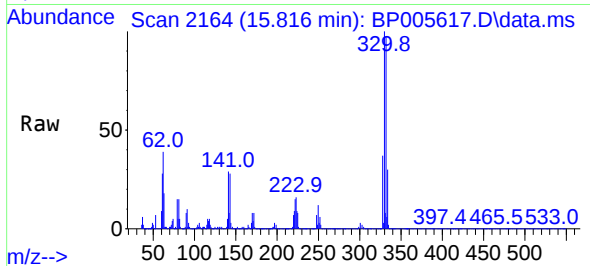
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 237   | Resp: | 30607 |
| Ion Ratio | Lower | Upper |       |
| 237       | 100   |       |       |
| 235       | 60.8  | 40.9  | 80.9  |
| 272       | 16.0  | 0.0   | 34.6  |





#42  
2,4,6-Tribromophenol  
Concen: 108.45 ng  
RT: 15.816 min Scan# 2164  
Delta R.T. -0.000 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

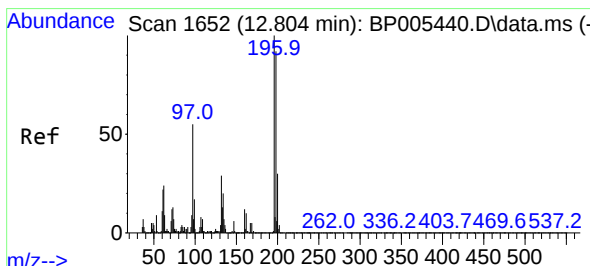
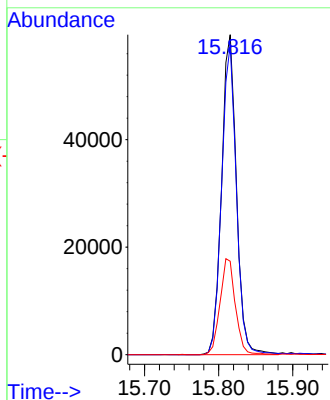
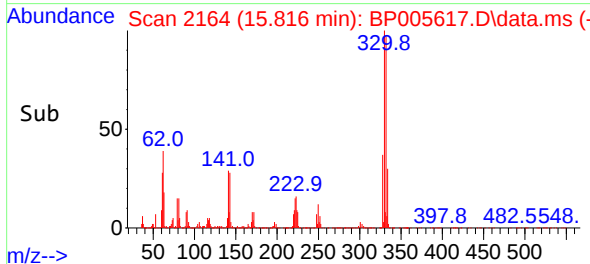
Instrument :  
BNA\_P  
ClientSampleId :  
EME-19MS



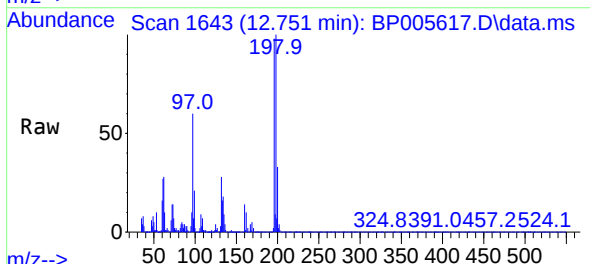
Tgt Ion:330 Resp: 82817  
Ion Ratio Lower Upper  
330 100  
332 96.3 76.3 114.5  
141 31.1 22.8 34.2

Manual Integrations  
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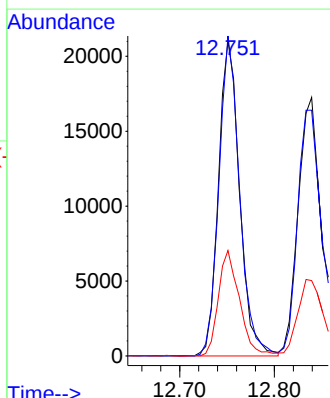
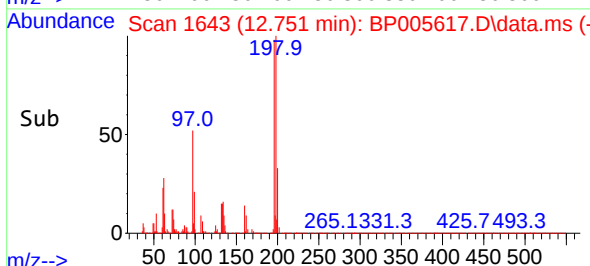
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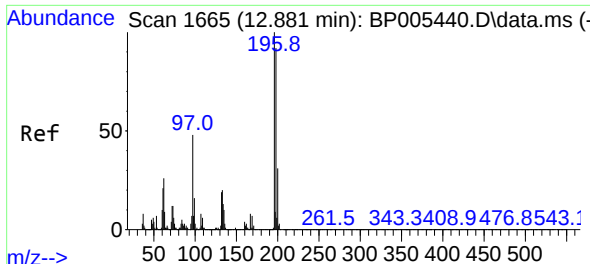


#43  
2,4,6-Trichlorophenol  
Concen: 42.24 ng  
RT: 12.751 min Scan# 1643  
Delta R.T. -0.006 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19



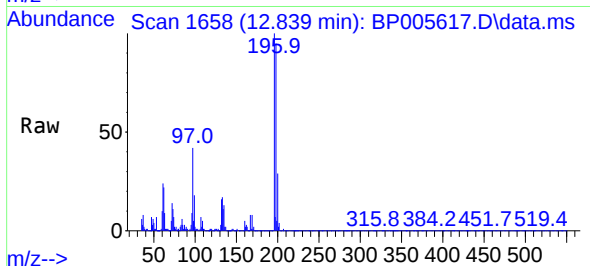
Tgt Ion:196 Resp: 32629  
Ion Ratio Lower Upper  
196 100  
198 101.7 81.4 122.2  
200 33.5 28.2 42.2





#44  
2,4,5-Trichlorophenol  
Concen: 37.27 ng  
RT: 12.839 min Scan# 1658  
Delta R.T. -0.006 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

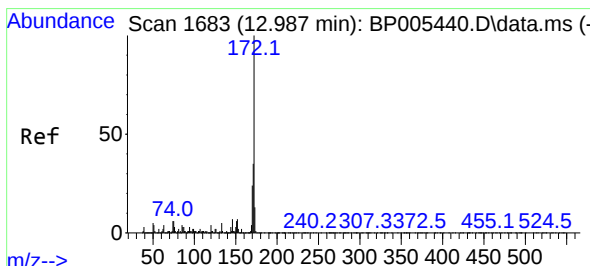
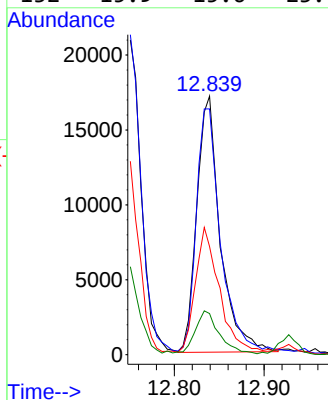
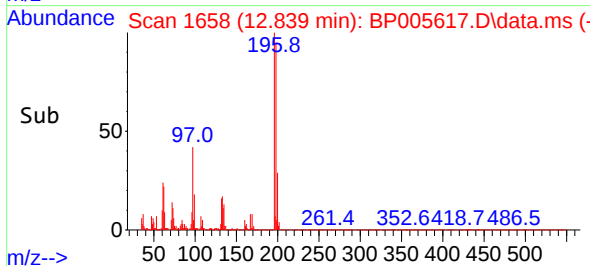
Instrument :  
BNA\_P  
ClientSampleId :  
EME-19MS



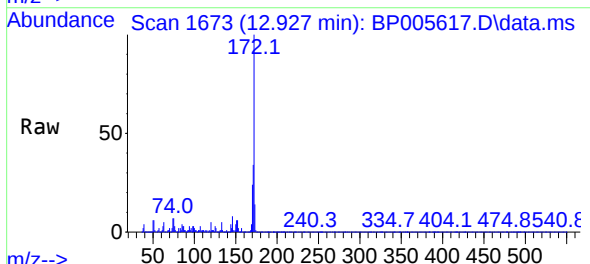
Tgt Ion:196 Resp: 31068  
Ion Ratio Lower Upper  
196 100  
198 95.0 71.0 106.4  
97 41.8 38.5 57.7  
132 15.9 15.6 23.4

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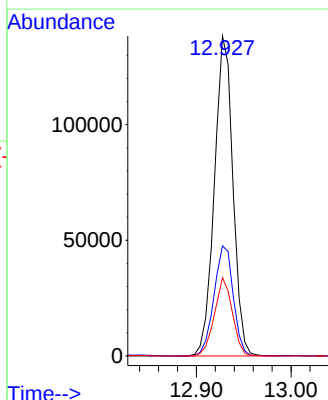
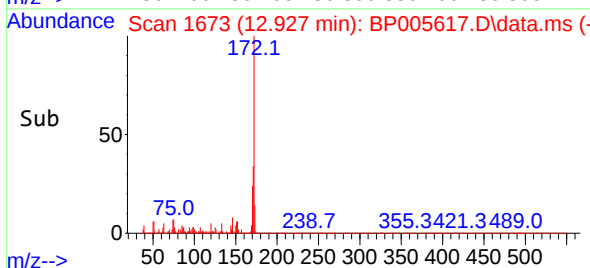
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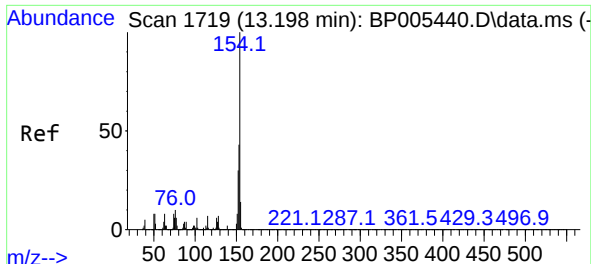


#45  
2-Fluorobiphenyl  
Concen: 78.79 ng  
RT: 12.927 min Scan# 1673  
Delta R.T. -0.006 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19



Tgt Ion:172 Resp: 187958  
Ion Ratio Lower Upper  
172 100  
171 34.4 28.1 42.1  
170 24.5 19.6 29.4





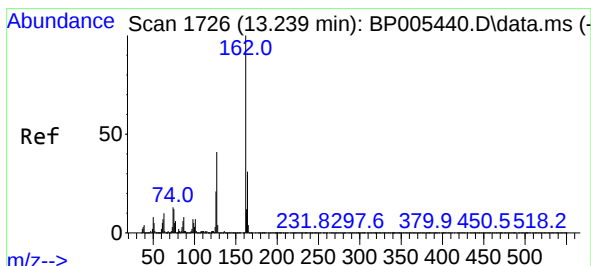
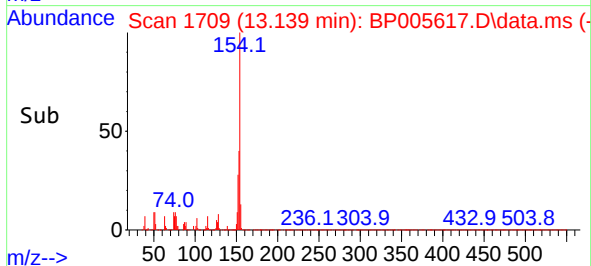
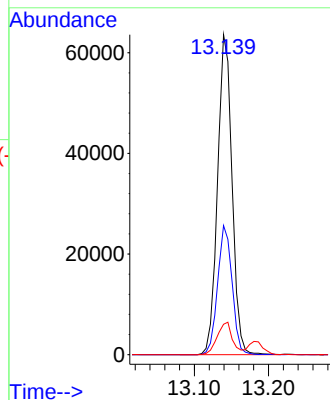
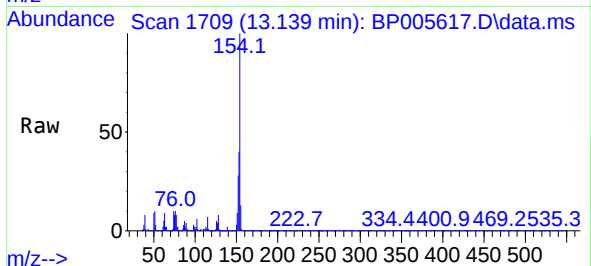
#46  
1,1'-Biphenyl  
Concen: 41.60 ng  
RT: 13.139 min Scan# 1709  
Delta R.T. -0.006 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 154   | Resp: | 86182 |
| Ion Ratio | Lower | Upper |       |
| 154       | 100   |       |       |
| 153       | 40.3  | 18.9  | 58.9  |
| 76        | 9.5   | 0.0   | 32.1  |

Instrument :  
BNA\_P  
ClientSampleId :  
EME-19MS

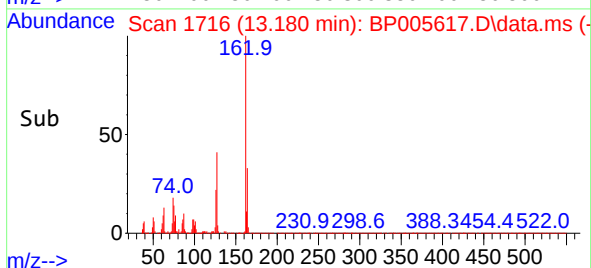
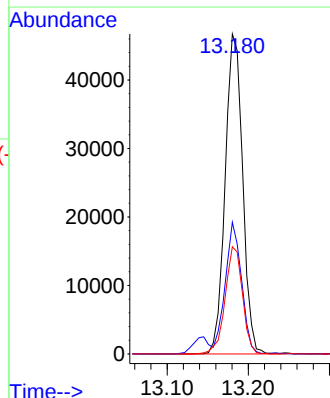
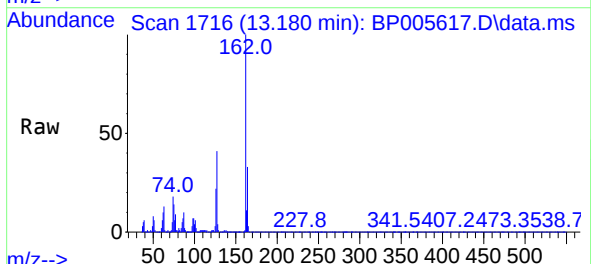
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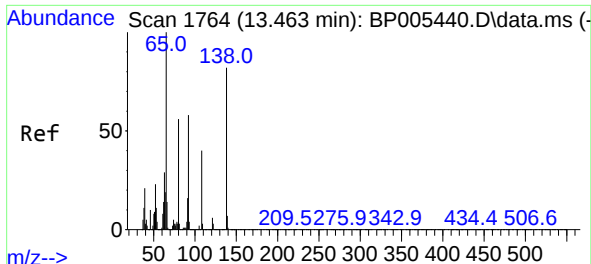
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5/20/2021 11:35:43 AM



#47  
2-Chloronaphthalene  
Concen: 40.55 ng  
RT: 13.180 min Scan# 1716  
Delta R.T. -0.006 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 162   | Resp: | 69957 |
| Ion Ratio | Lower | Upper |       |
| 162       | 100   |       |       |
| 127       | 41.1  | 31.4  | 47.0  |
| 164       | 33.5  | 26.6  | 39.8  |





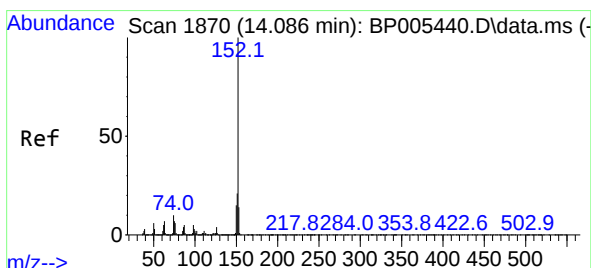
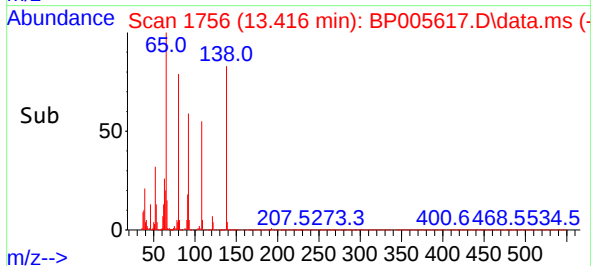
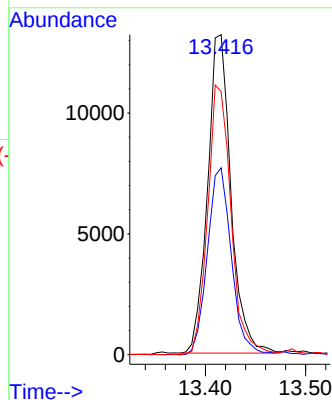
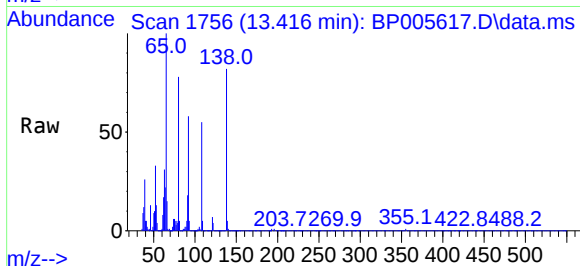
#48  
2-Nitroaniline  
Concen: 43.83 ng  
RT: 13.416 min Scan# 1756  
Delta R.T. -0.006 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

Instrument :  
BNA\_P  
ClientSampleId :  
EME-19MS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 65    | Resp: | 21480 |
| Ion Ratio | Lower | Upper |       |
| 65        | 100   |       |       |
| 92        | 58.4  | 48.8  | 73.2  |
| 138       | 82.1  | 69.5  | 104.3 |

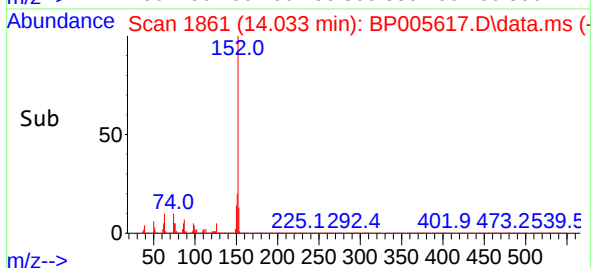
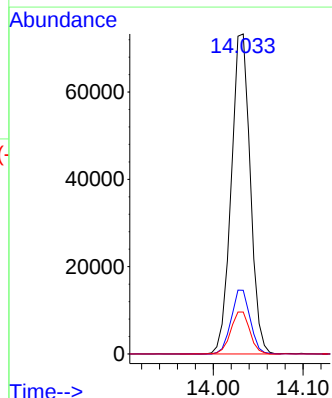
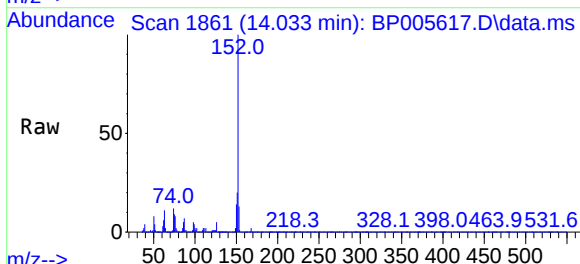
Manual Integrations  
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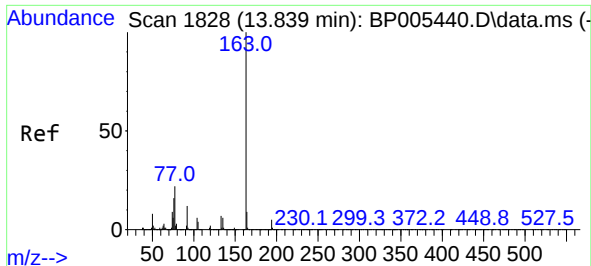
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#49  
Acenaphthylene  
Concen: 43.30 ng  
RT: 14.033 min Scan# 1861  
Delta R.T. -0.006 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 107613 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 19.9  | 15.8  | 23.6   |
| 153       | 13.1  | 10.5  | 15.7   |





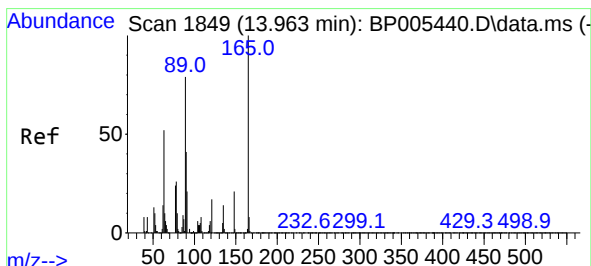
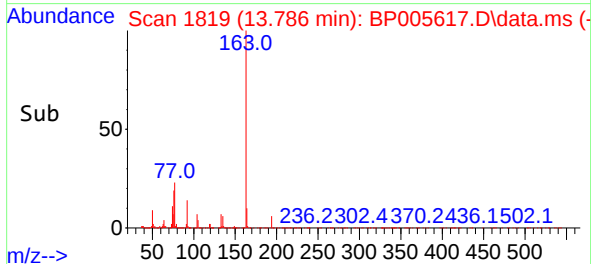
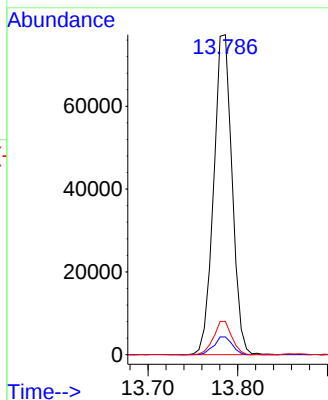
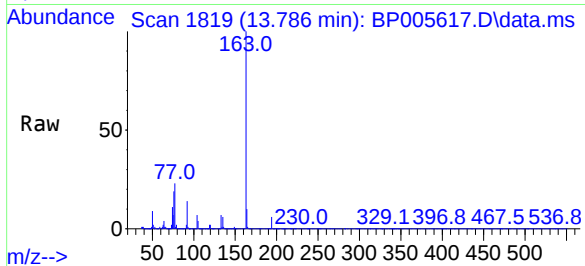
#50  
Dimethylphthalate  
Concen: 47.31 ng  
RT: 13.786 min Scan# 1819  
Delta R.T. -0.000 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

Tgt Ion:163 Resp: 109899  
Ion Ratio Lower Upper  
163 100  
194 5.5 3.9 5.9  
164 10.4 8.1 12.1

Instrument :  
BNA\_P  
ClientSampleId :  
EME-19MS

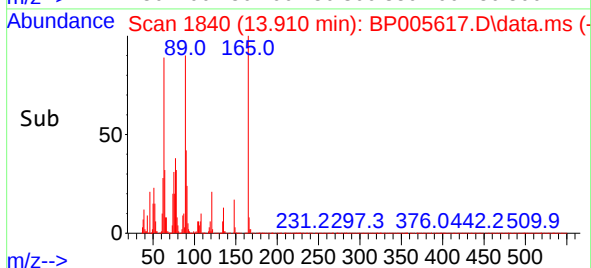
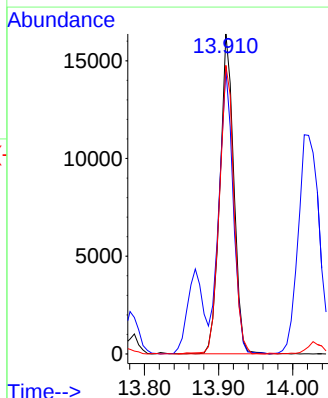
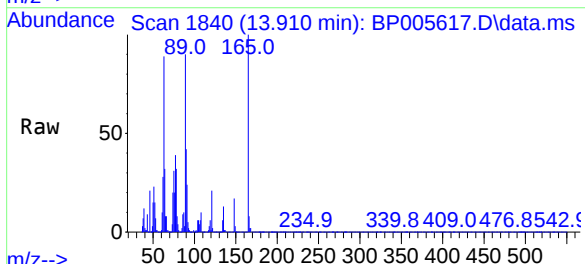
Manual Integrations  
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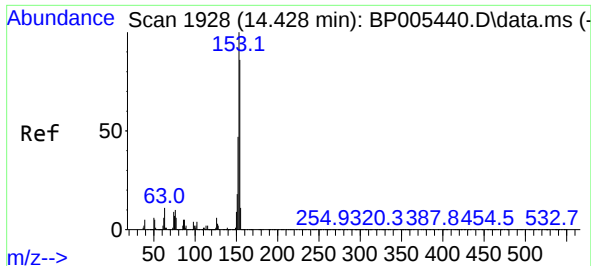
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#51  
2,6-Dinitrotoluene  
Concen: 40.81 ng  
RT: 13.910 min Scan# 1840  
Delta R.T. -0.006 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

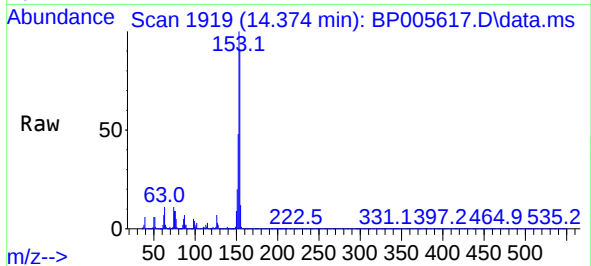
Tgt Ion:165 Resp: 21288  
Ion Ratio Lower Upper  
165 100  
63 88.9 67.4 101.0  
89 90.2 73.8 110.6





#52  
Acenaphthene  
Concen: 42.14 ng  
RT: 14.374 min Scan# 1919  
Delta R.T. -0.006 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

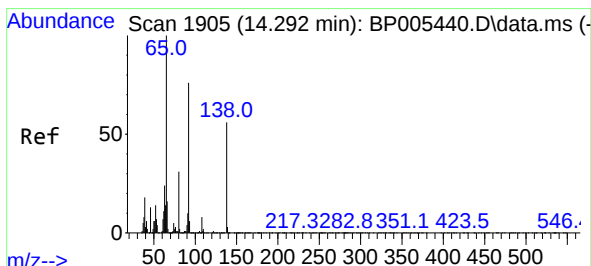
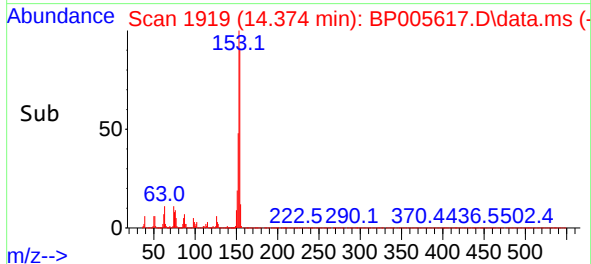
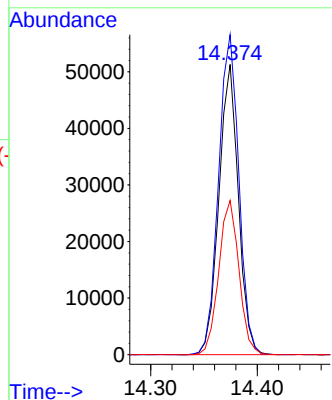
Instrument :  
BNA\_P  
ClientSampleId :  
EME-19MS



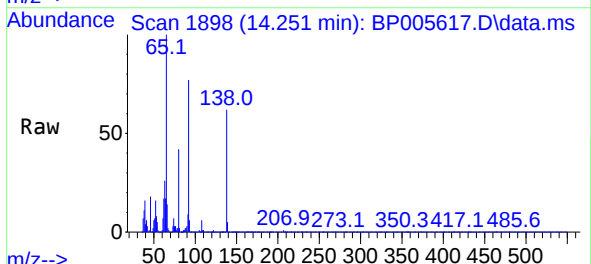
Tgt Ion:154 Resp: 65166  
Ion Ratio Lower Upper  
154 100  
153 110.3 90.9 136.3  
152 53.1 48.5 72.7

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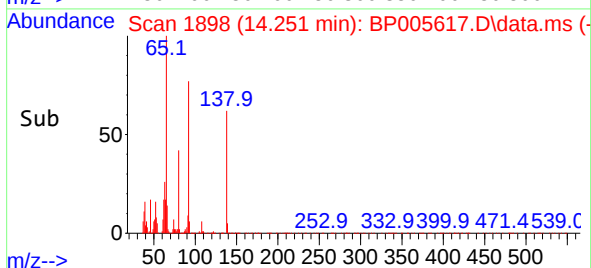
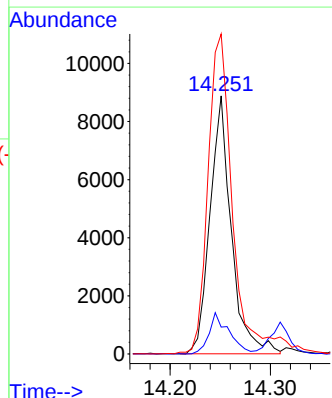
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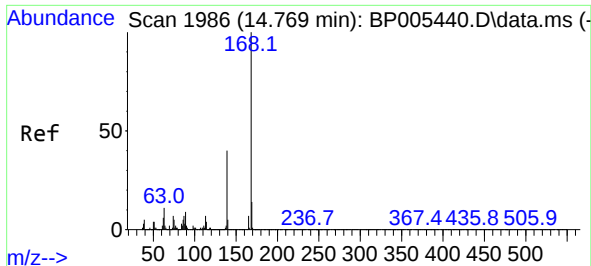


#53  
3-Nitroaniline  
Concen: 35.17 ng  
RT: 14.251 min Scan# 1898  
Delta R.T. -0.000 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19



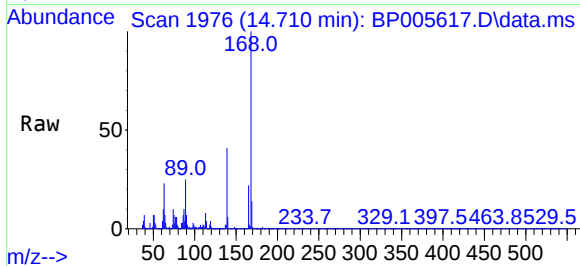
Tgt Ion:138 Resp: 13144  
Ion Ratio Lower Upper  
138 100  
108 10.4 10.2 15.4  
92 124.0 108.1 162.1





#55  
Dibenzofuran  
Concen: 43.92 ng  
RT: 14.710 min Scan# 1976  
Delta R.T. -0.006 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

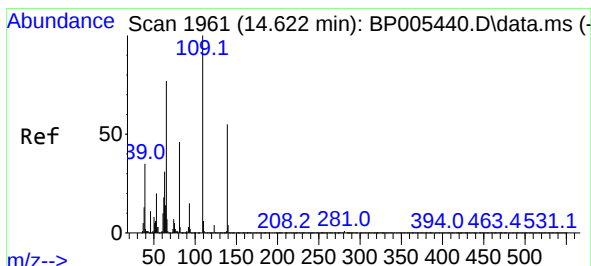
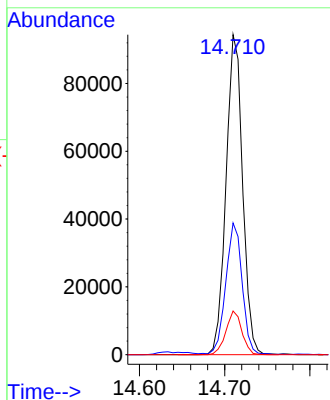
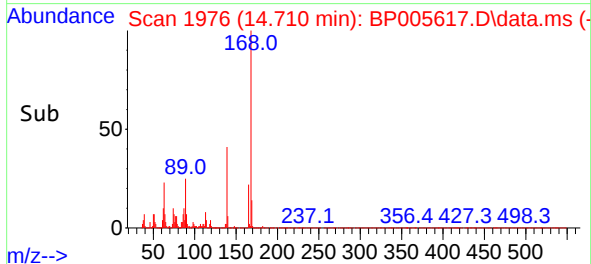
Instrument :  
BNA\_P  
ClientSampleId :  
EME-19MS



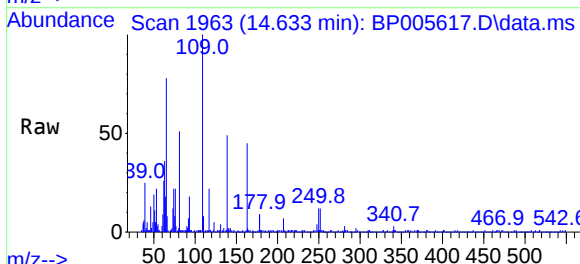
Tgt Ion:168 Resp: 127744  
Ion Ratio Lower Upper  
168 100  
139 41.2 31.4 47.0  
169 13.7 11.4 17.0

Manual Integrations  
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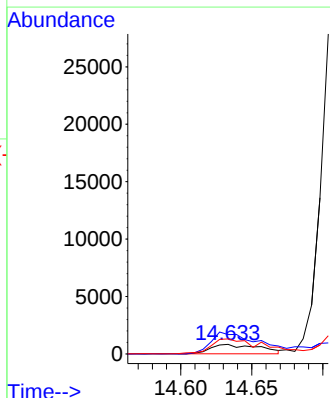
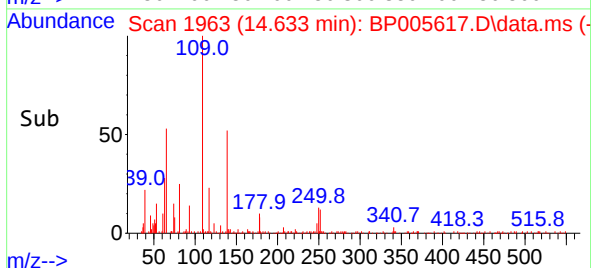
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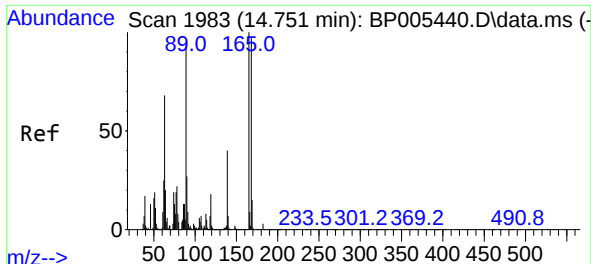


#56  
4-Nitrophenol  
Concen: 6.98 ng  
RT: 14.633 min Scan# 1963  
Delta R.T. 0.029 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19



Tgt Ion:139 Resp: 1970  
Ion Ratio Lower Upper  
139 100  
109 203.5 122.8 162.8#  
65 158.4 110.0 150.0#





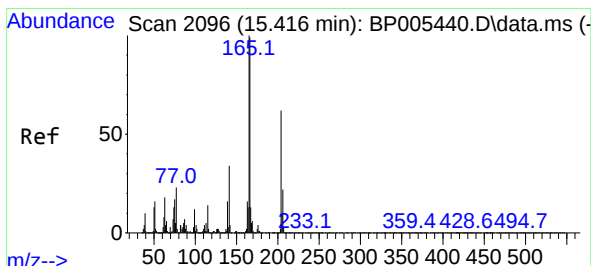
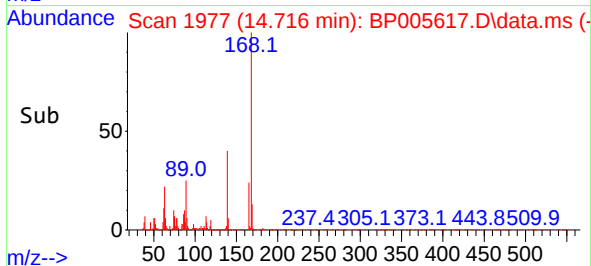
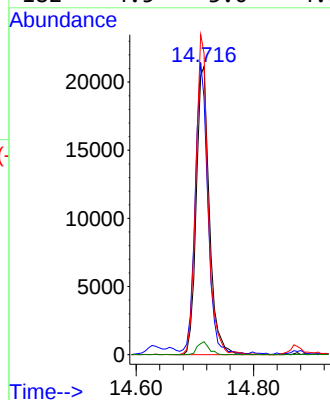
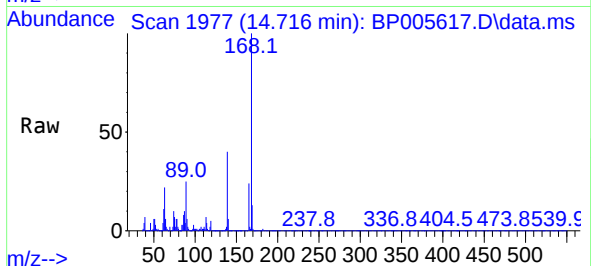
#57  
2,4-Dinitrotoluene  
Concen: 42.41 ng  
RT: 14.716 min Scan# 1977  
Delta R.T. -0.000 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 165   | Resp: | 32616 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 89.1  | 56.7  | 85.1# |
| 89        | 104.7 | 85.8  | 128.6 |
| 182       | 4.5   | 3.0   | 4.6   |

Instrument :  
BNA\_P  
ClientSampleId :  
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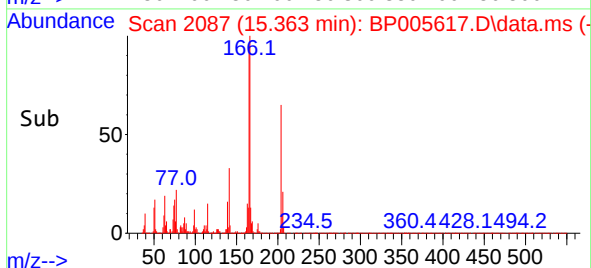
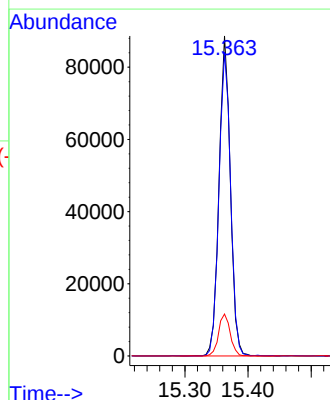
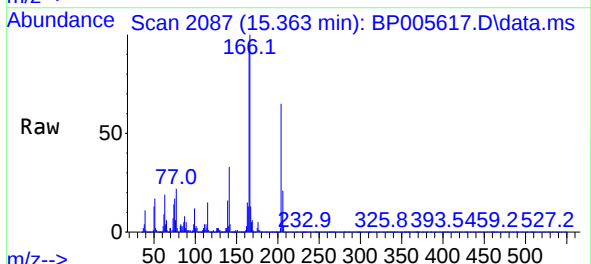
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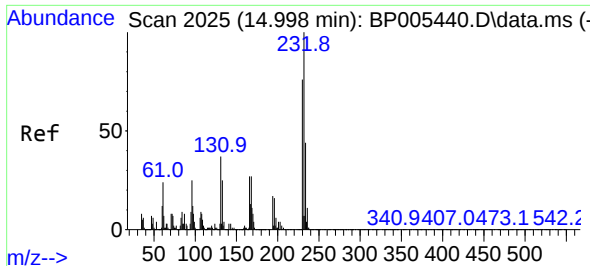
mohammad  
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#58  
Fluorene  
Concen: 46.20 ng  
RT: 15.363 min Scan# 2087  
Delta R.T. -0.006 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

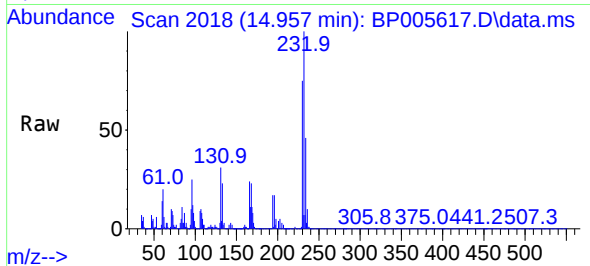
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 166   | Resp: | 109722 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 95.0  | 78.8  | 118.2  |
| 167       | 13.1  | 10.9  | 16.3   |





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 35.66 ng  
RT: 14.957 min Scan# 2018  
Delta R.T. -0.000 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

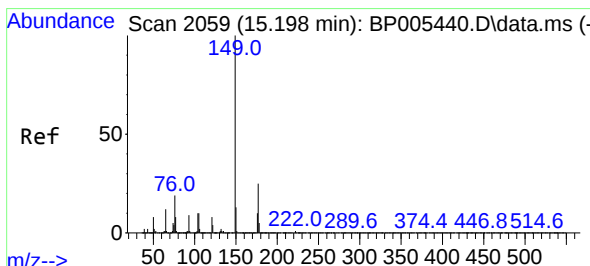
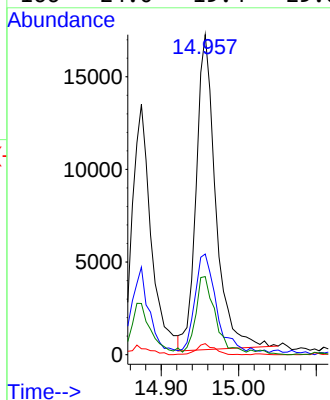
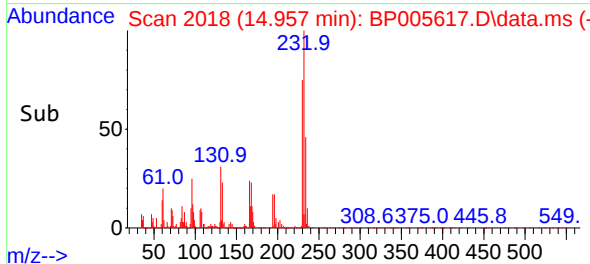
Instrument :  
BNA\_P  
ClientSampleId :  
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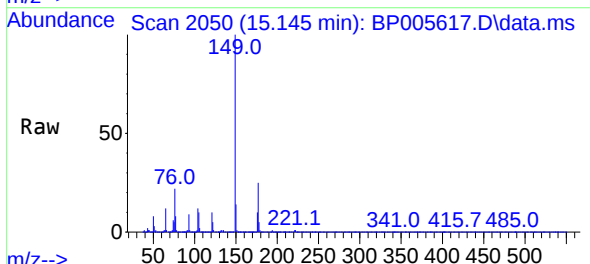
Tgt Ion:232 Resp: 29720  
Ion Ratio Lower Upper  
232 100  
131 35.4 26.5 39.7  
130 3.2 2.1 3.1#  
166 24.0 19.4 29.0

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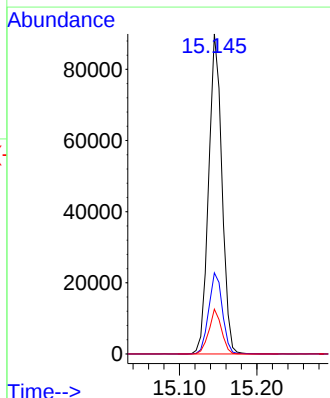
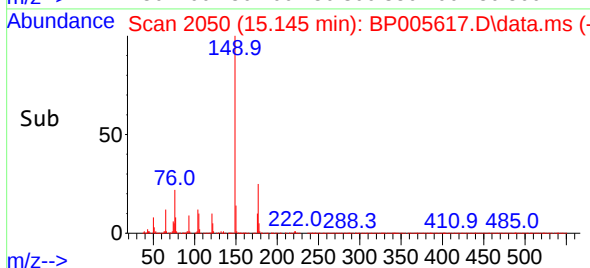
mohammad  
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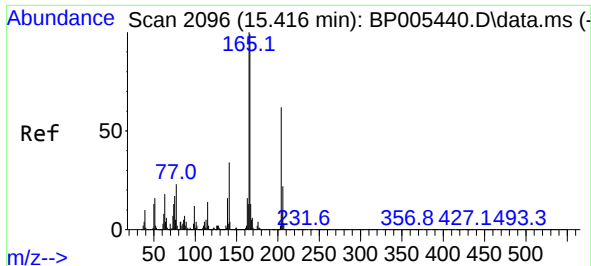


#60  
Diethylphthalate  
Concen: 47.53 ng  
RT: 15.145 min Scan# 2050  
Delta R.T. -0.006 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19



Tgt Ion:149 Resp: 106940  
Ion Ratio Lower Upper  
149 100  
177 25.3 19.2 28.8  
150 14.0 9.9 14.9





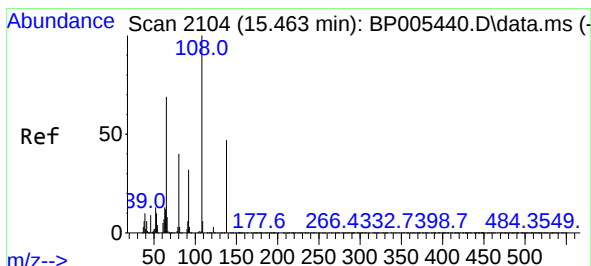
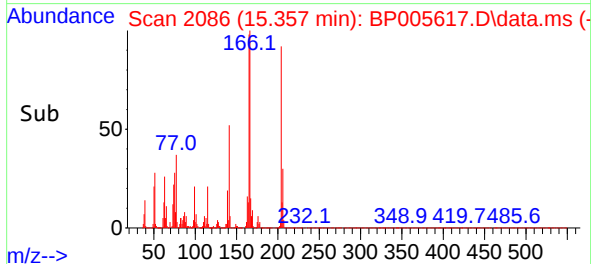
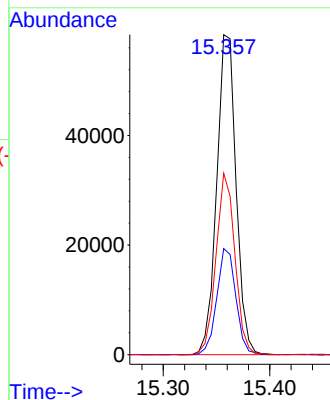
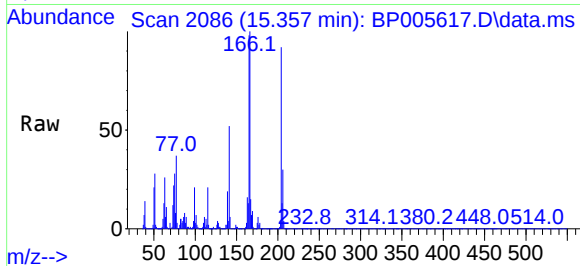
#61  
4-Chlorophenyl-phenylether  
Concen: 49.61 ng  
RT: 15.357 min Scan# 2086  
Delta R.T. -0.006 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 204   | Resp: | 73725 |
| Ion Ratio | Lower | Upper |       |
| 204       | 100   |       |       |
| 206       | 33.1  | 26.0  | 39.0  |
| 141       | 56.7  | 44.2  | 66.2  |

Instrument :  
BNA\_P  
ClientSampleId :  
EME-19MS

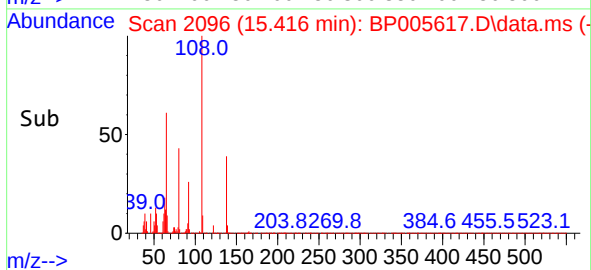
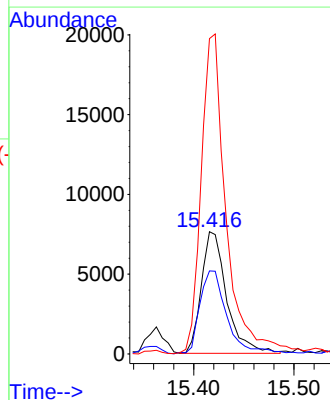
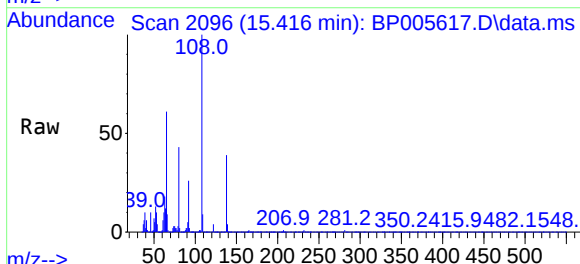
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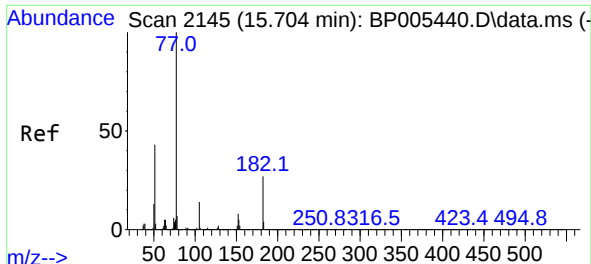
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#62  
4-Nitroaniline  
Concen: 37.26 ng  
RT: 15.416 min Scan# 2096  
Delta R.T. -0.006 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

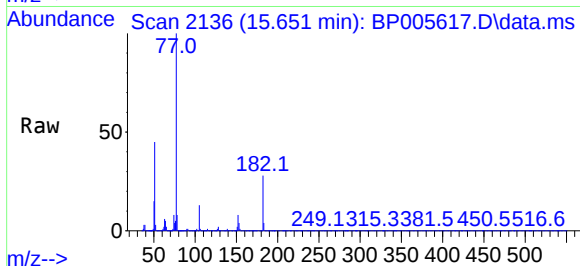
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 13379  |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 92        | 67.9  | 50.9  | 90.9   |
| 108       | 258.0 | 154.7 | 194.7# |





#63  
Azobenzene  
Concen: 49.63 ng  
RT: 15.651 min Scan# 2136  
Delta R.T. -0.006 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

Instrument :  
BNA\_P  
ClientSampleId :  
EME-19MS

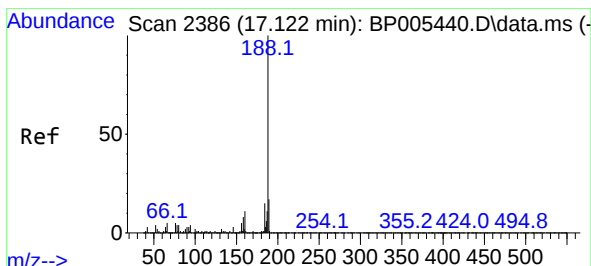
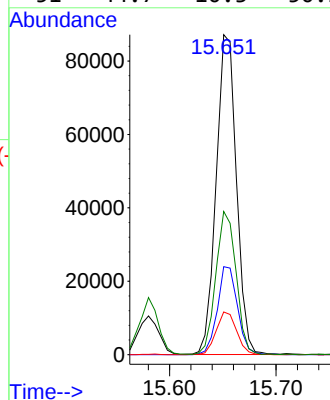
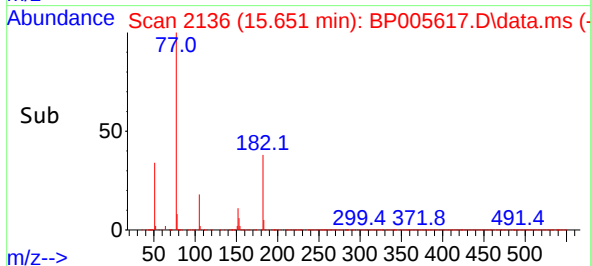


Tgt Ion: 77 Resp: 115093

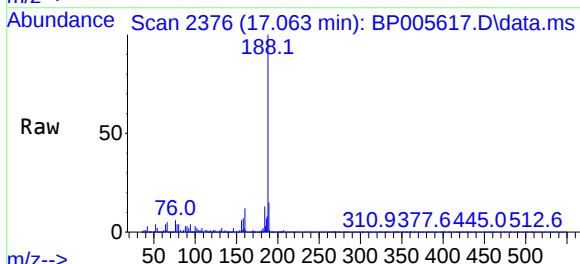
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 27.5  | 5.5   | 45.5  |
| 105 | 13.4  | 0.0   | 36.5  |
| 51  | 44.7  | 10.3  | 50.3  |

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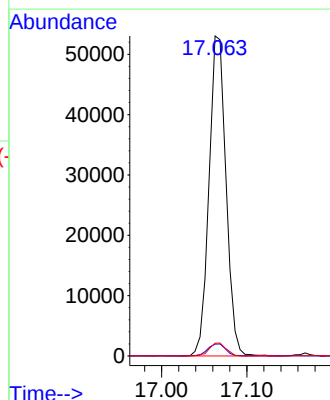
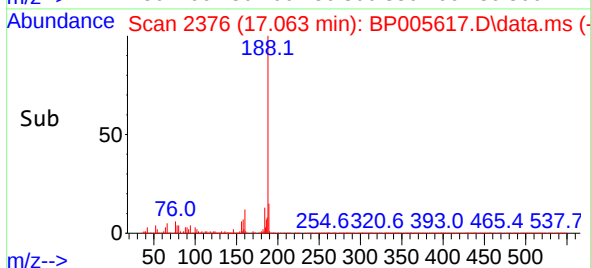


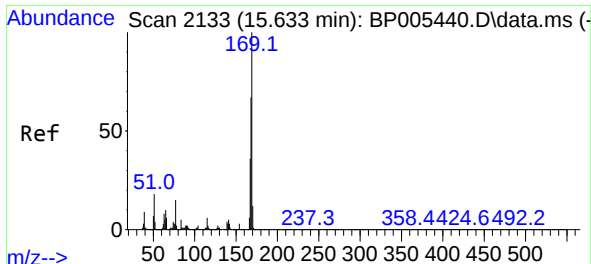
#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.063 min Scan# 2376  
Delta R.T. -0.012 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19



Tgt Ion: 188 Resp: 73649

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 3.7   | 5.0   | 7.6#  |
| 80  | 4.0   | 5.9   | 8.9#  |





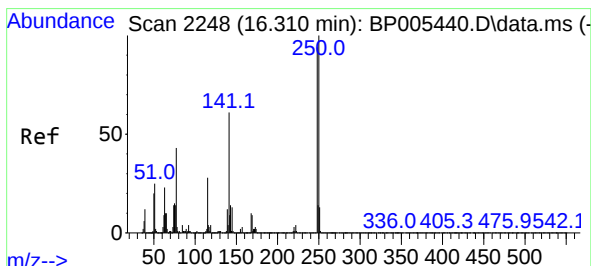
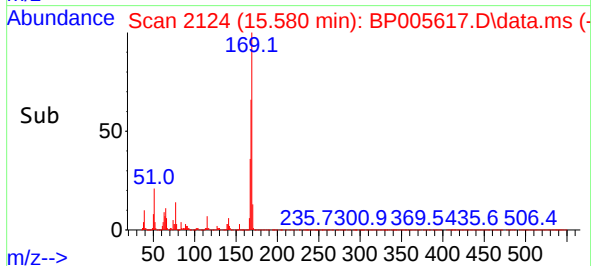
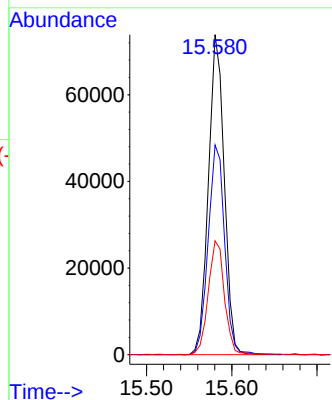
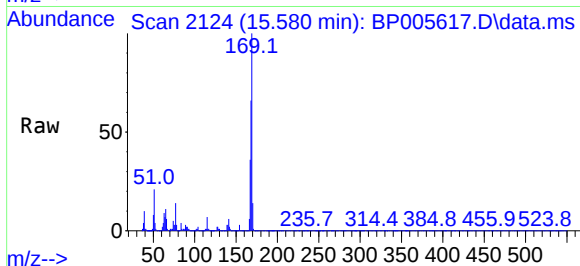
#66  
n-Nitrosodiphenylamine  
Concen: 44.32 ng  
RT: 15.580 min Scan# 2124  
Delta R.T. -0.006 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 169   | Resp: | 95274 |
| Ion Ratio | Lower | Upper |       |
| 169       | 100   |       |       |
| 168       | 65.6  | 55.2  | 82.8  |
| 167       | 35.6  | 36.6  | 54.8# |

Instrument :  
BNA\_P  
ClientSampleId :  
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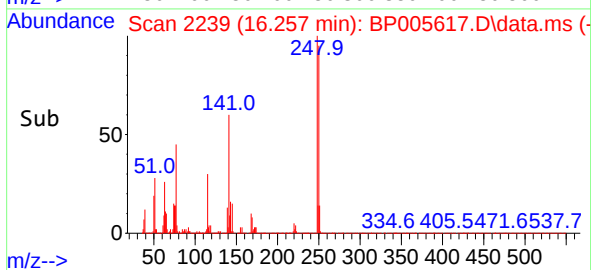
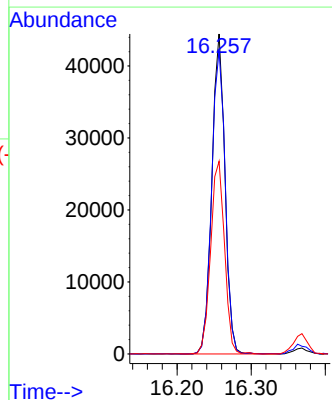
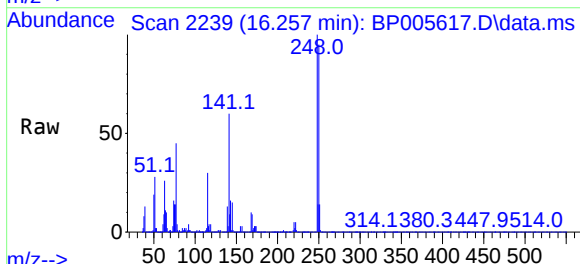
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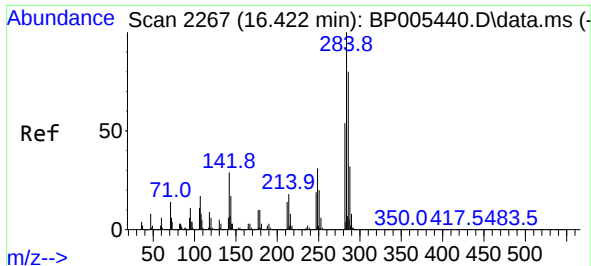
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#67  
4-Bromophenyl-phenylether  
Concen: 47.30 ng  
RT: 16.257 min Scan# 2239  
Delta R.T. -0.006 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

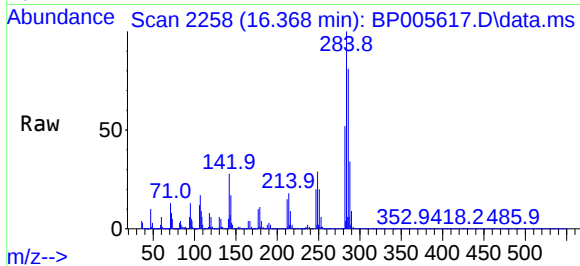
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 248   | Resp: | 54375 |
| Ion Ratio | Lower | Upper |       |
| 248       | 100   |       |       |
| 250       | 94.8  | 77.5  | 116.3 |
| 141       | 60.2  | 50.1  | 75.1  |





#68  
Hexachlorobenzene  
Concen: 46.73 ng  
RT: 16.368 min Scan# 2258  
Delta R.T. -0.006 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

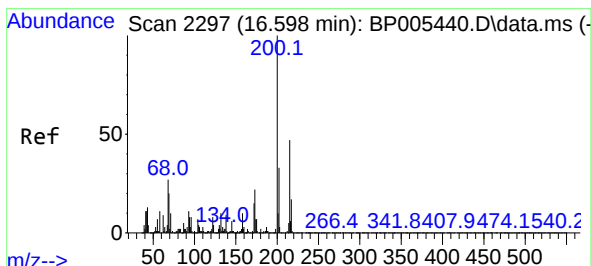
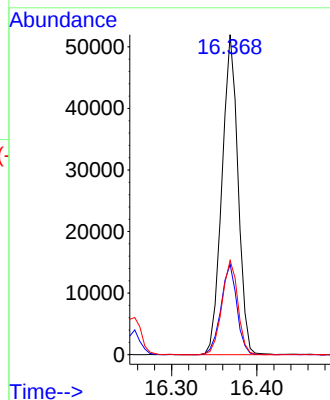
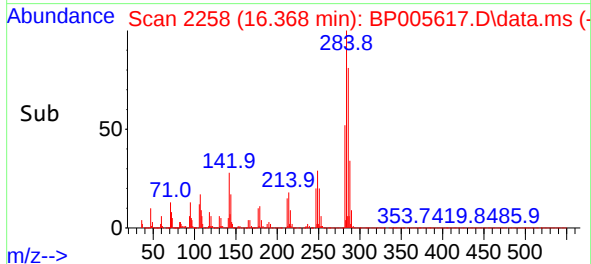
Instrument :  
BNA\_P  
ClientSampleId :  
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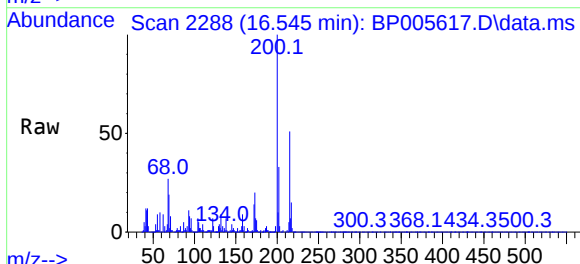
Tgt Ion:284 Resp: 68127  
Ion Ratio Lower Upper  
284 100  
142 28.2 20.8 31.2  
249 31.5 23.7 35.5

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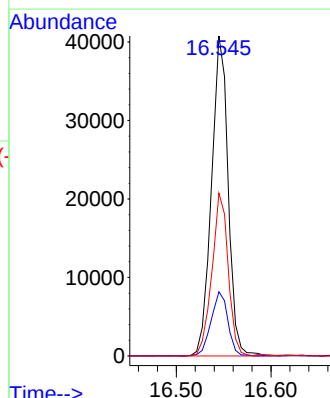
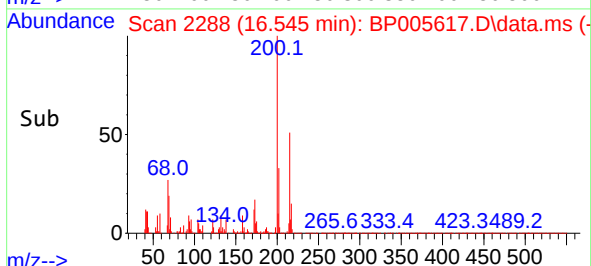
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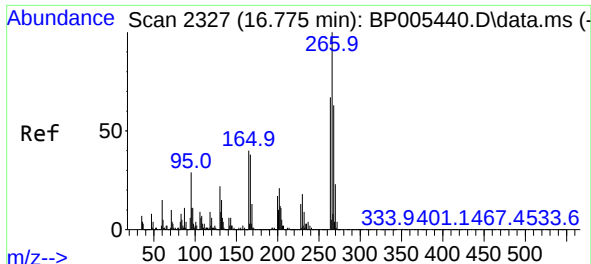


#69  
Atrazine  
Concen: 49.61 ng  
RT: 16.545 min Scan# 2288  
Delta R.T. -0.006 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19



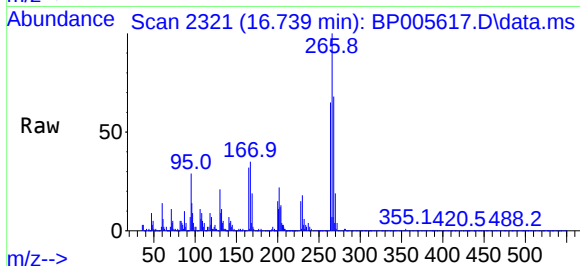
Tgt Ion:200 Resp: 49809  
Ion Ratio Lower Upper  
200 100  
173 20.0 0.7 40.7  
215 50.9 29.0 69.0





#70  
Pentachlorophenol  
Concen: 22.27 ng  
RT: 16.739 min Scan# 2321  
Delta R.T. -0.000 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

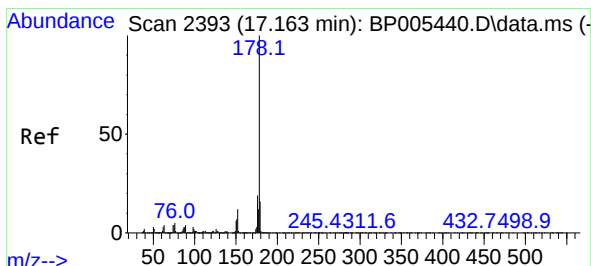
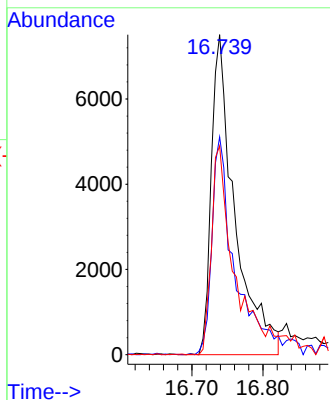
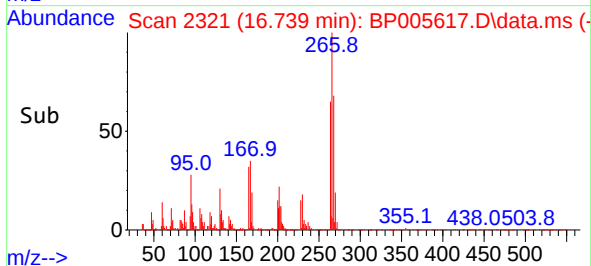
Instrument :  
BNA\_P  
ClientSampleId :  
EME-19MS



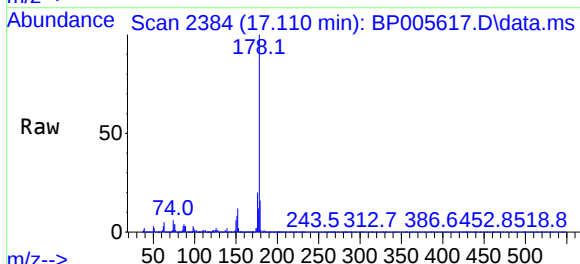
Tgt Ion:266 Resp: 17226  
Ion Ratio Lower Upper  
266 100  
268 68.1 49.4 74.0  
264 72.7 53.7 80.5

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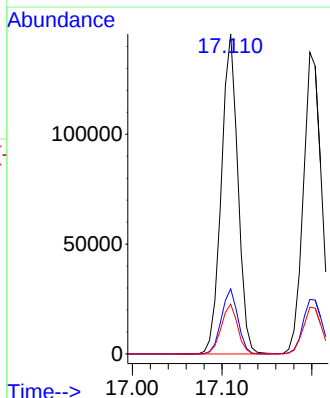
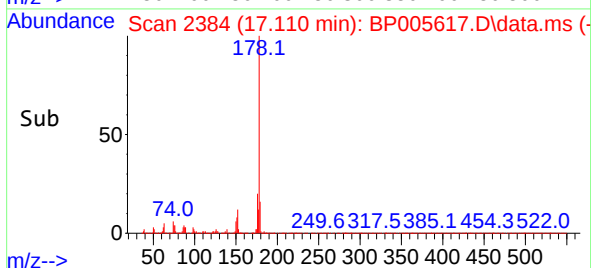
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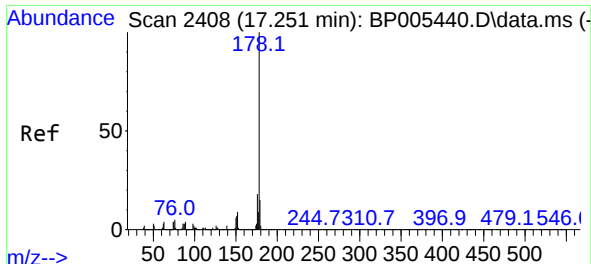


#71  
Phenanthrene  
Concen: 44.66 ng  
RT: 17.110 min Scan# 2384  
Delta R.T. -0.006 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19



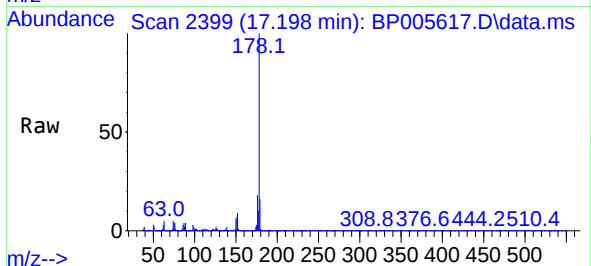
Tgt Ion:178 Resp: 186893  
Ion Ratio Lower Upper  
178 100  
176 20.4 15.4 23.2  
179 15.6 12.3 18.5





#72  
 Anthracene  
 Concen: 46.70 ng  
 RT: 17.198 min Scan# 2399  
 Delta R.T. -0.012 min  
 Lab File: BP005617.D  
 Acq: 19 May 2021 18:19

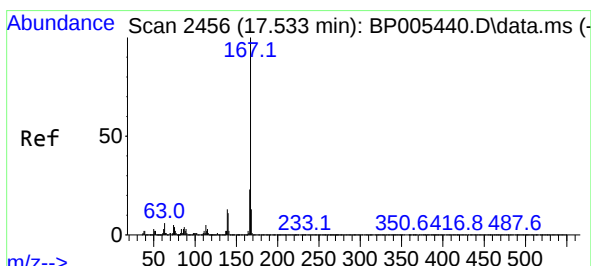
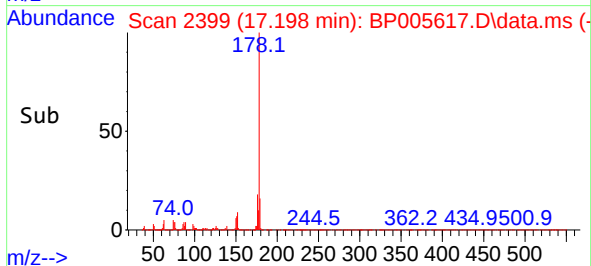
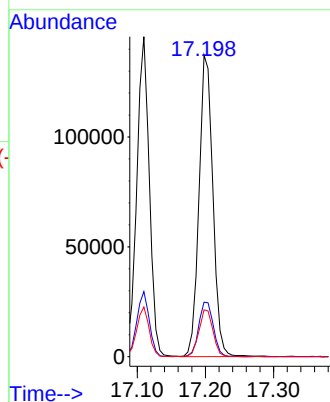
Instrument :  
 BNA\_P  
 ClientSampleId :  
 EME-19MS



Tgt Ion:178 Resp: 193964  
 Ion Ratio Lower Upper  
 178 100  
 176 18.1 15.2 22.8  
 179 15.6 12.6 19.0

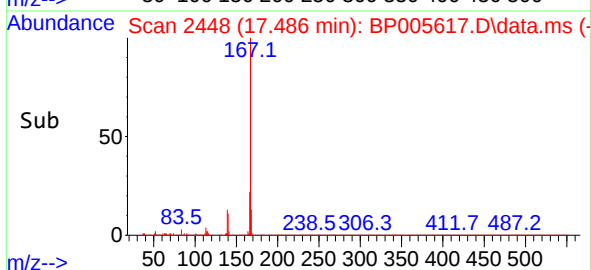
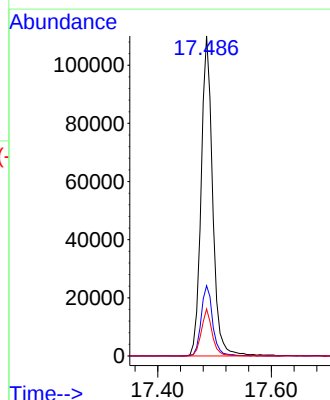
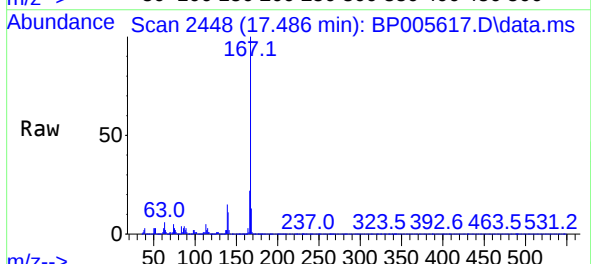
Manual Integrations  
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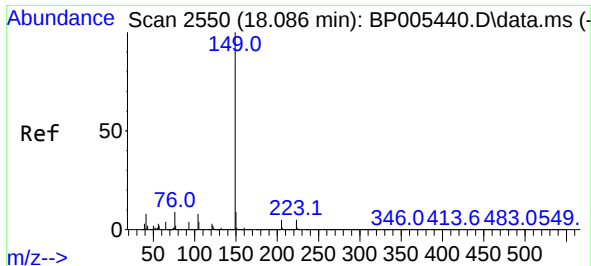
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#73  
 Carbazole  
 Concen: 42.38 ng  
 RT: 17.486 min Scan# 2448  
 Delta R.T. -0.006 min  
 Lab File: BP005617.D  
 Acq: 19 May 2021 18:19

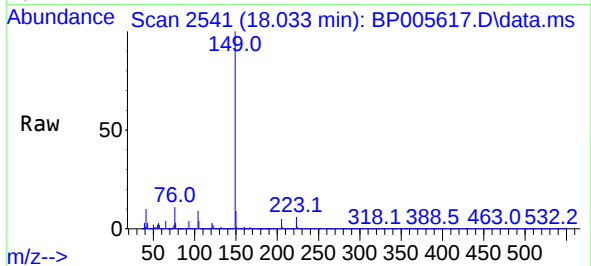
Tgt Ion:167 Resp: 155027  
 Ion Ratio Lower Upper  
 167 100  
 166 21.9 17.4 26.0  
 139 14.7 10.4 15.6





#74  
Di-n-butylphthalate  
Concen: 47.51 ng  
RT: 18.033 min Scan# 2541  
Delta R.T. -0.006 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

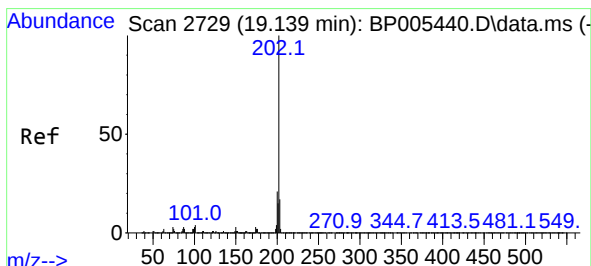
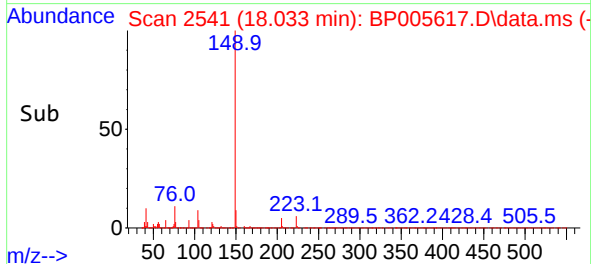
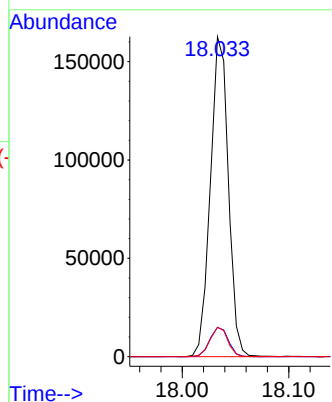
Instrument :  
BNA\_P  
ClientSampleId :  
EME-19MS



Tgt Ion:149 Resp: 190728  
Ion Ratio Lower Upper  
149 100  
150 9.1 7.6 11.4  
104 9.2 8.9 13.3

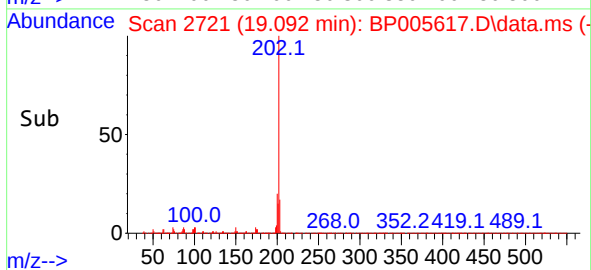
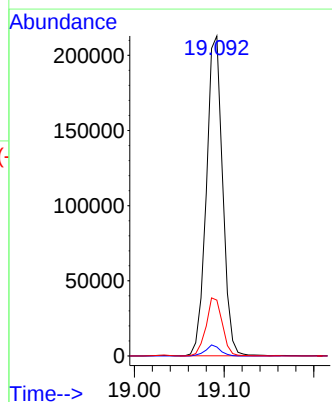
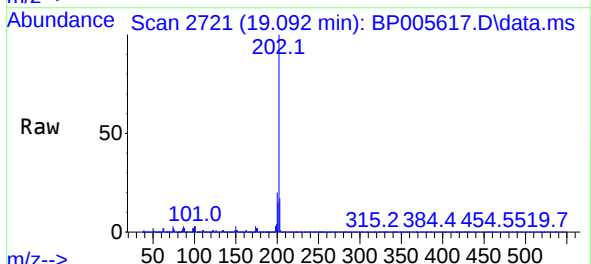
Manual Integrations  
APPROVED

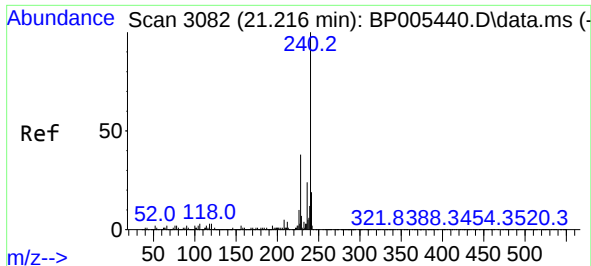
mohammad  
5/20/2021 11:35:43 AM



#75  
Fluoranthene  
Concen: 46.37 ng  
RT: 19.092 min Scan# 2721  
Delta R.T. -0.006 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

Tgt Ion:202 Resp: 266934  
Ion Ratio Lower Upper  
202 100  
101 2.8 0.0 26.1  
203 17.5 0.0 37.2





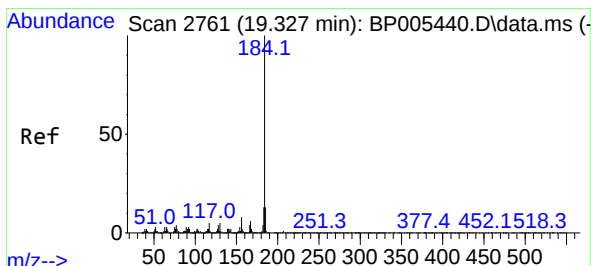
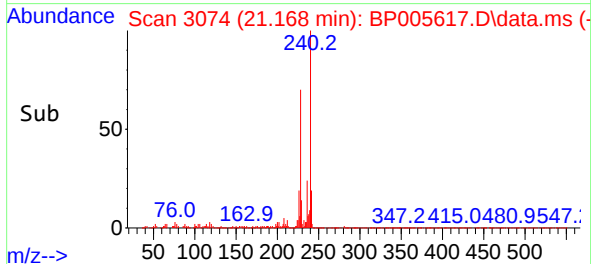
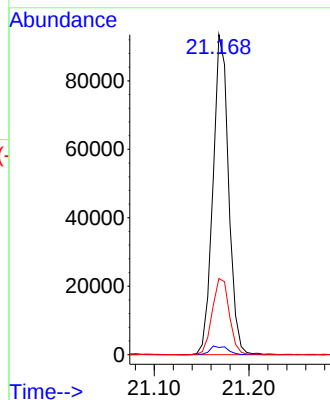
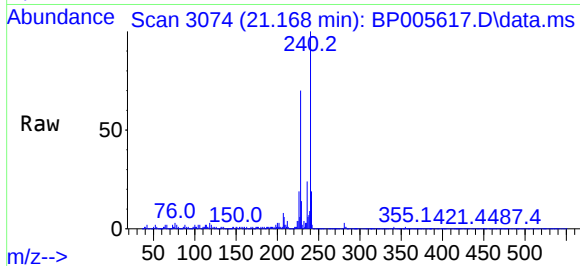
#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.168 min Scan# 3074  
Delta R.T. -0.012 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

Tgt Ion:240 Resp: 107341  
Ion Ratio Lower Upper  
240 100  
120 2.3 4.2 6.2#  
236 23.8 20.2 30.2

Instrument :  
BNA\_P  
ClientSampleId :  
EME-19MS

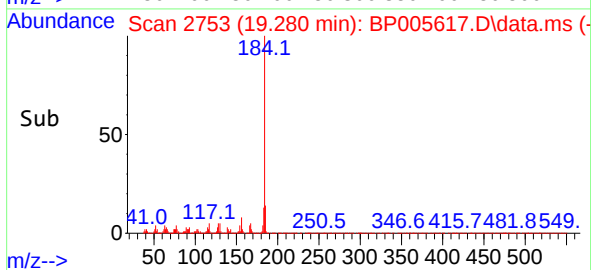
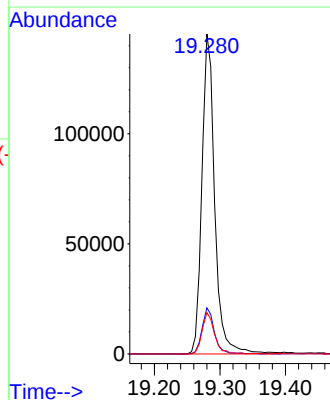
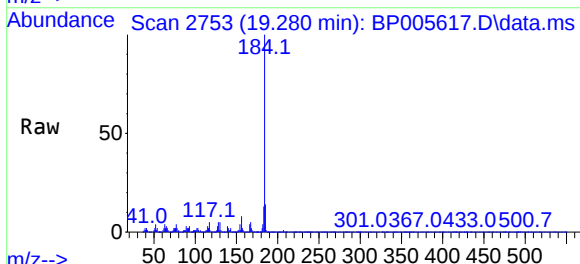
Manual Integrations  
APPROVED

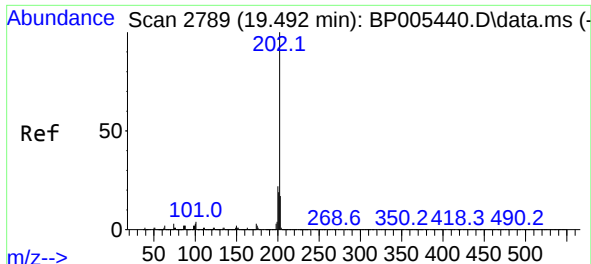
mohammad  
5/20/2021 11:35:43 AM



#77  
Benzidine  
Concen: 119.13 ng  
RT: 19.280 min Scan# 2753  
Delta R.T. -0.012 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

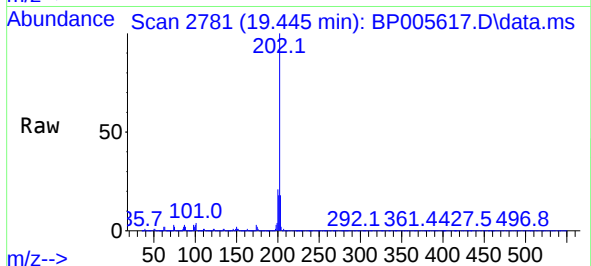
Tgt Ion:184 Resp: 197934  
Ion Ratio Lower Upper  
184 100  
185 14.4 11.1 16.7  
183 12.9 9.8 14.8





#78  
Pyrene  
Concen: 45.85 ng  
RT: 19.445 min Scan# 2781  
Delta R.T. -0.006 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

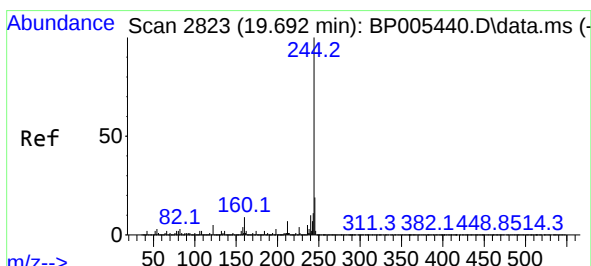
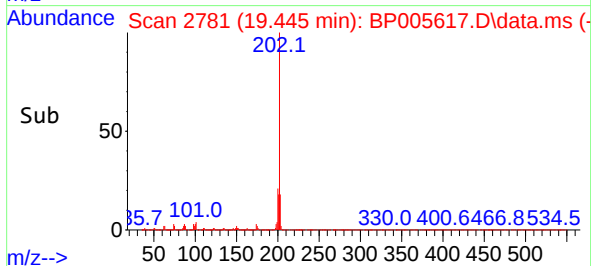
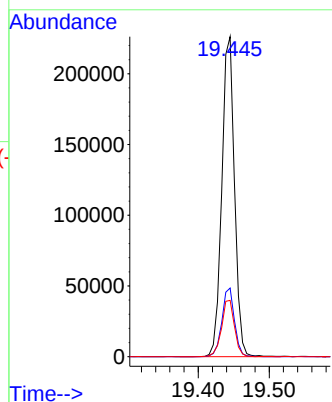
Instrument :  
BNA\_P  
ClientSampleId :  
EME-19MS



Tgt Ion:202 Resp: 278624  
Ion Ratio Lower Upper  
202 100  
200 21.4 16.9 25.3  
203 17.6 13.8 20.6

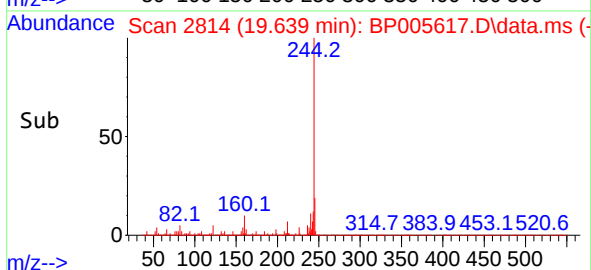
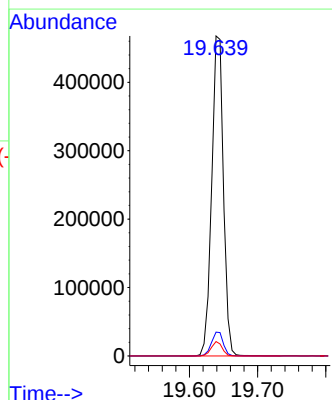
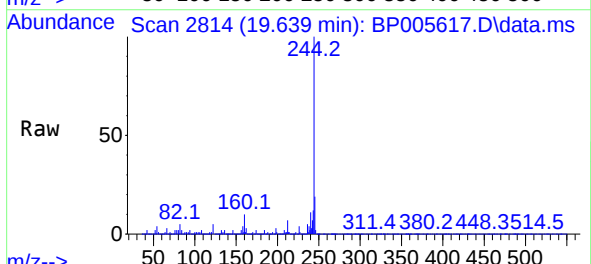
Manual Integrations  
APPROVED

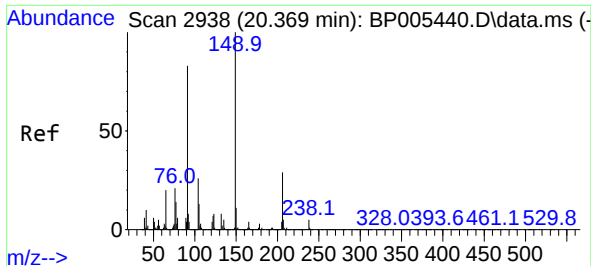
mohammad  
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#79  
Terphenyl-d14  
Concen: 88.55 ng  
RT: 19.639 min Scan# 2814  
Delta R.T. -0.012 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

Tgt Ion:244 Resp: 559663  
Ion Ratio Lower Upper  
244 100  
212 7.5 5.8 8.6  
122 4.5 5.2 7.8#





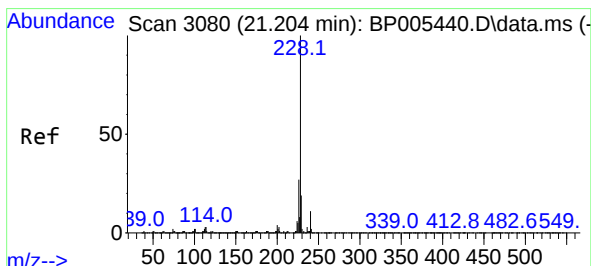
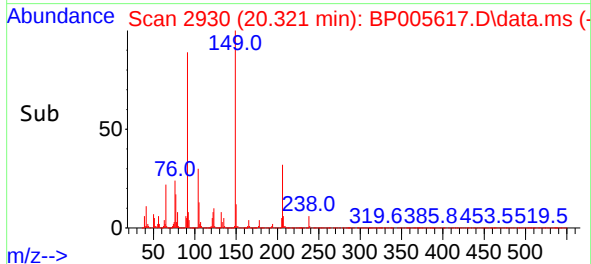
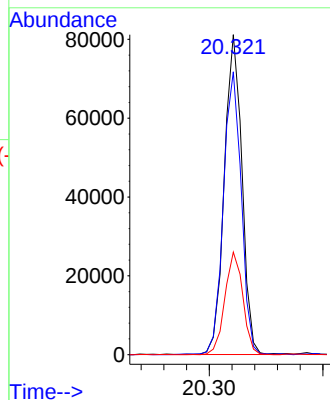
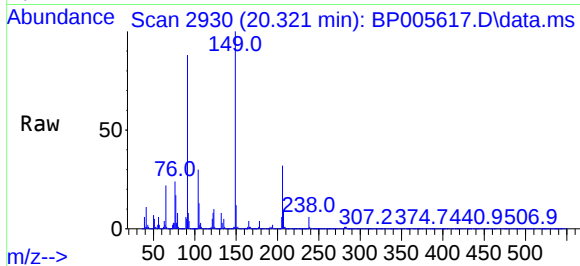
#80  
Butylbenzylphthalate  
Concen: 44.65 ng  
RT: 20.321 min Scan# 2930  
Delta R.T. -0.006 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

Instrument :  
BNA\_P  
ClientSampleId :  
EME-19MS

Tgt Ion:149 Resp: 87666  
Ion Ratio Lower Upper  
149 100  
91 88.4 60.2 90.4  
206 32.0 23.9 35.9

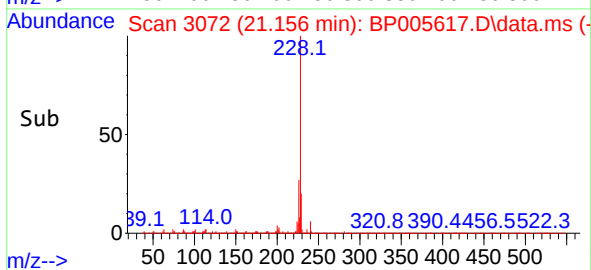
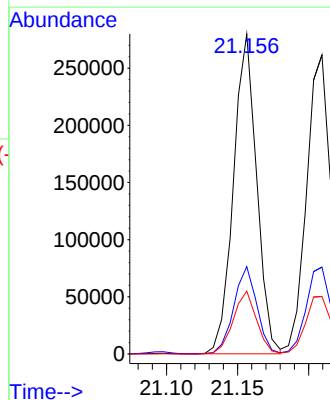
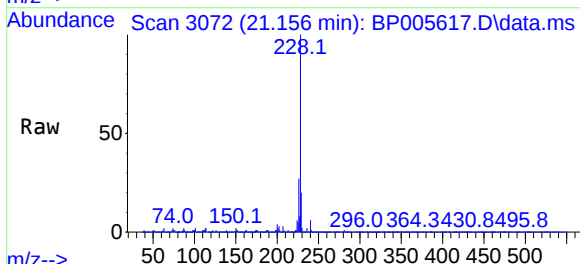
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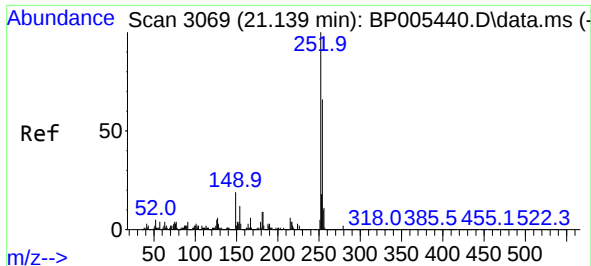
mohammad  
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#81  
Benzo(a)anthracene  
Concen: 45.70 ng  
RT: 21.156 min Scan# 3072  
Delta R.T. -0.006 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

Tgt Ion:228 Resp: 317892  
Ion Ratio Lower Upper  
228 100  
226 27.3 21.2 31.8  
229 19.7 15.6 23.4





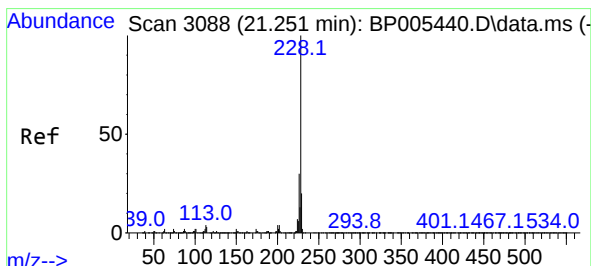
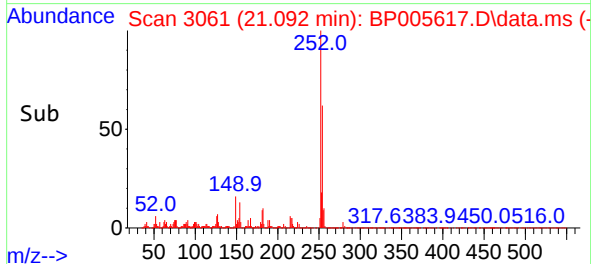
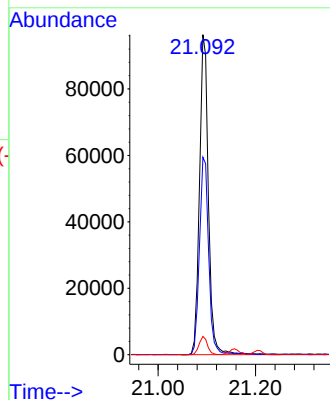
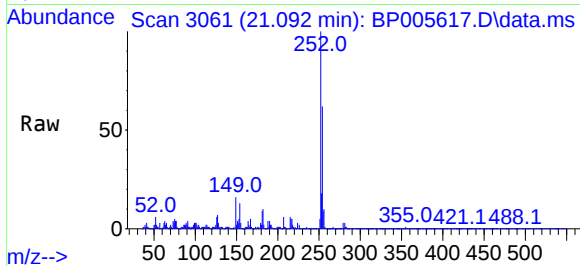
#82  
3,3'-Dichlorobenzidine  
Concen: 47.07 ng  
RT: 21.092 min Scan# 3061  
Delta R.T. -0.012 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 123354 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 254       | 61.7  | 49.9  | 74.9   |
| 126       | 5.7   | 5.5   | 8.3    |

Instrument :  
BNA\_P  
ClientSampleId :  
EME-19MS

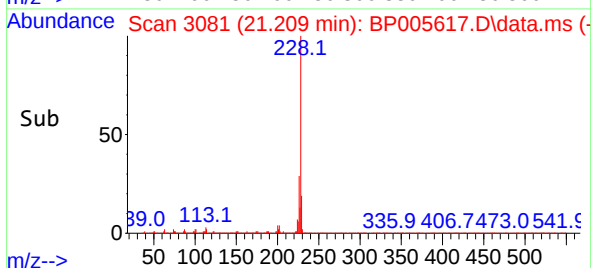
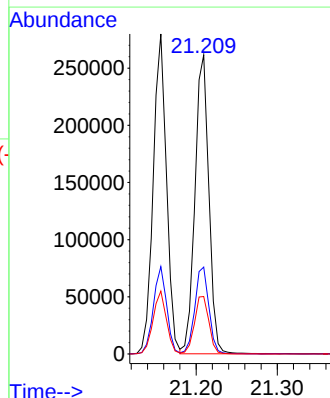
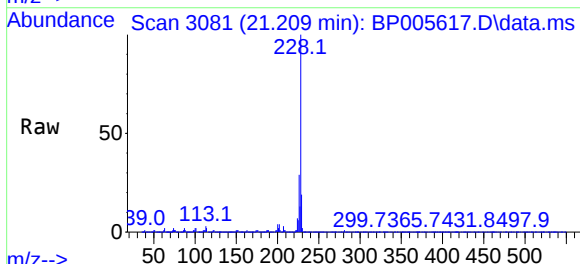
Manual Integrations  
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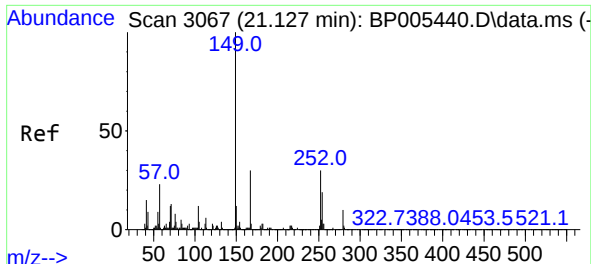
mohammad  
5/20/2021 11:35:43 AM



#83  
Chrysene  
Concen: 46.19 ng  
RT: 21.209 min Scan# 3081  
Delta R.T. -0.006 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 311401 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 29.0  | 24.8  | 37.2   |
| 229       | 19.2  | 15.4  | 23.0   |





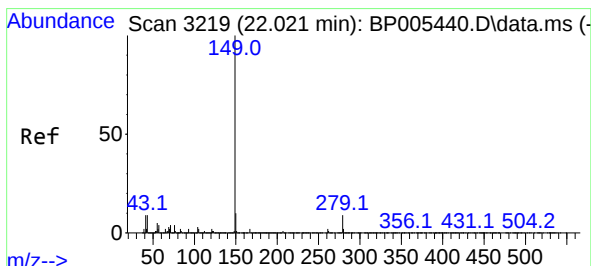
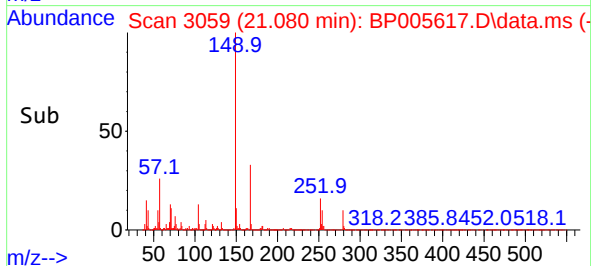
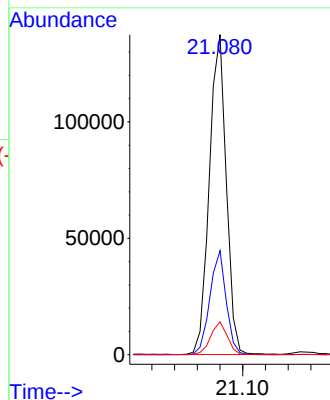
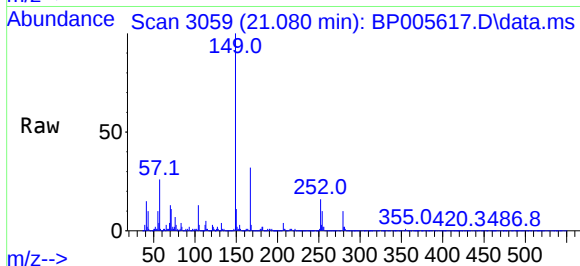
#84  
Bis(2-ethylhexyl)phthalate  
Concen: 47.32 ng  
RT: 21.080 min Scan# 3059  
Delta R.T. -0.006 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

Tgt Ion:149 Resp: 142055  
Ion Ratio Lower Upper  
149 100  
167 32.5 23.8 35.8  
279 10.3 5.7 8.5#

Instrument :  
BNA\_P  
ClientSampleId :  
EME-19MS

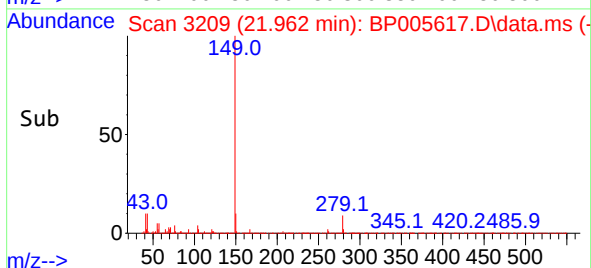
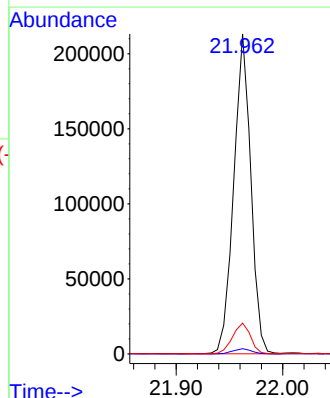
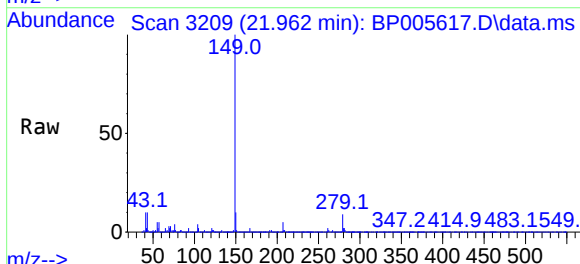
Manual Integrations  
APPROVED

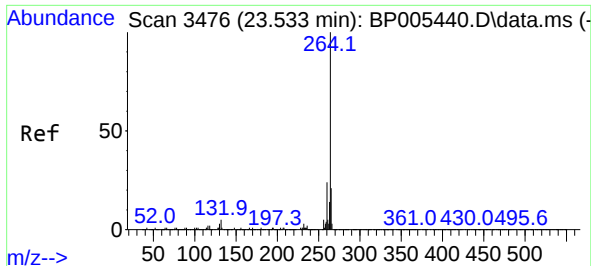
mohammad  
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#85  
Di-n-octyl phthalate  
Concen: 47.05 ng  
RT: 21.962 min Scan# 3209  
Delta R.T. -0.012 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

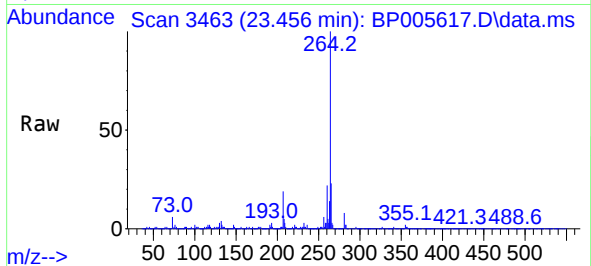
Tgt Ion:149 Resp: 237288  
Ion Ratio Lower Upper  
149 100  
167 1.8 1.5 2.3  
43 10.1 5.1 7.7#





#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 23.456 min Scan# 3463  
Delta R.T. -0.018 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

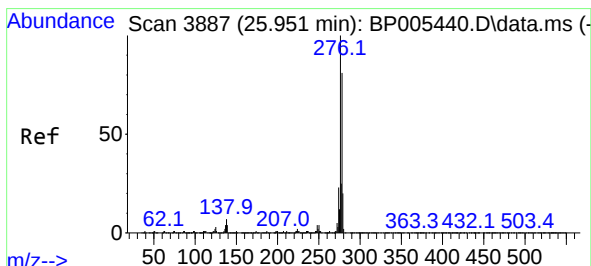
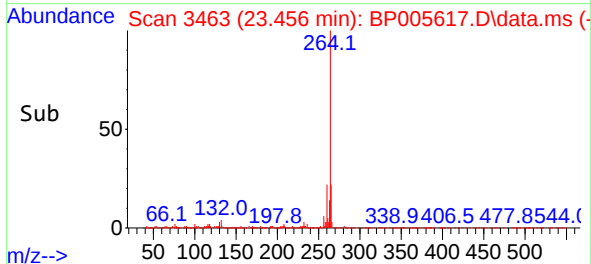
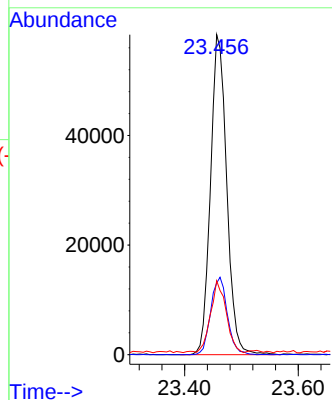
Instrument :  
BNA\_P  
ClientSampleId :  
EME-19MS



Tgt Ion:264 Resp: 115458  
Ion Ratio Lower Upper  
264 100  
260 22.4 20.6 30.8  
265 23.1 19.0 28.6

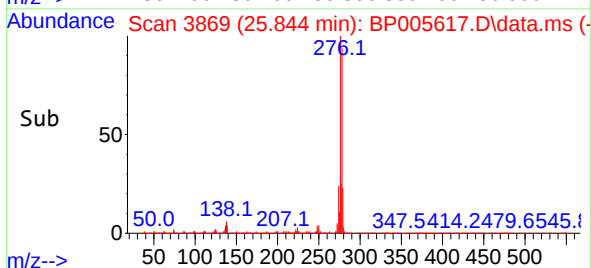
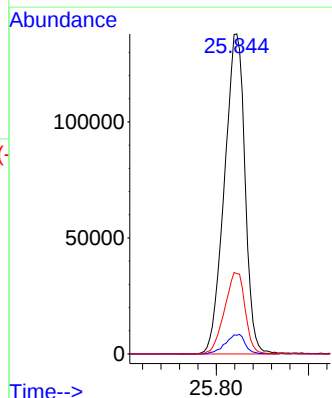
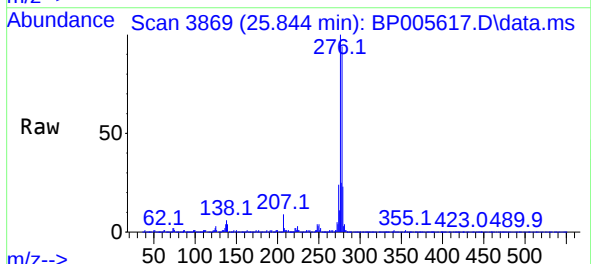
Manual Integrations  
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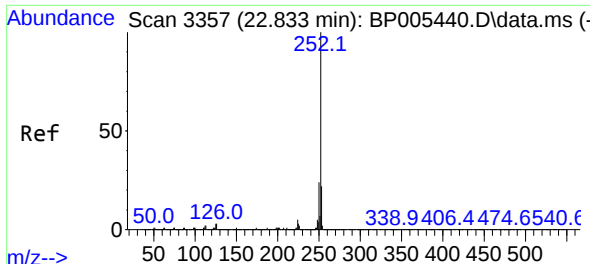
mohammad  
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#87  
Indeno(1,2,3-cd)pyrene  
Concen: 43.86 ng  
RT: 25.844 min Scan# 3869  
Delta R.T. -0.018 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

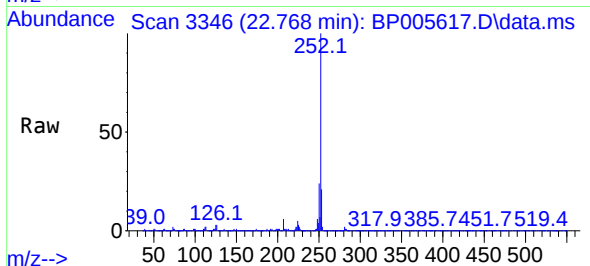
Tgt Ion:276 Resp: 426033  
Ion Ratio Lower Upper  
276 100  
138 5.9 8.4 12.6#  
277 25.6 20.6 31.0





#88  
Benzo(b)fluoranthene  
Concen: 46.56 ng  
RT: 22.768 min Scan# 3346  
Delta R.T. -0.006 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

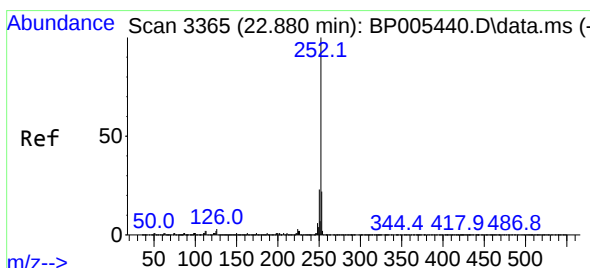
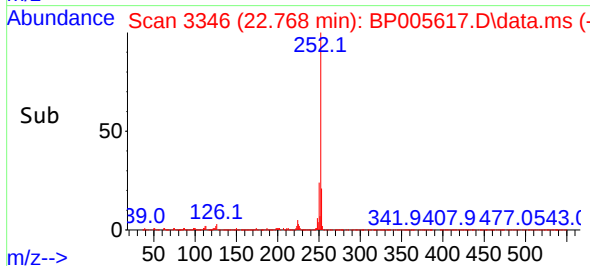
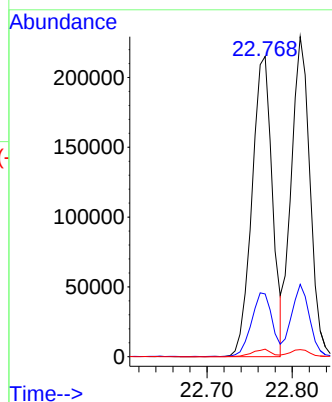
Instrument :  
BNA\_P  
ClientSampleId :  
EME-19MS



Tgt Ion:252 Resp: 358198  
Ion Ratio Lower Upper  
252 100  
253 20.9 18.2 27.2  
125 2.5 3.4 5.0#

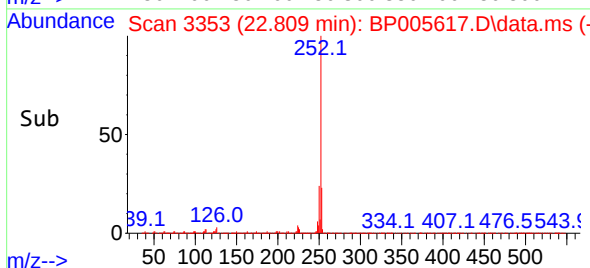
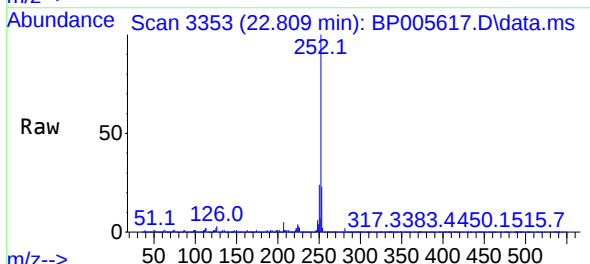
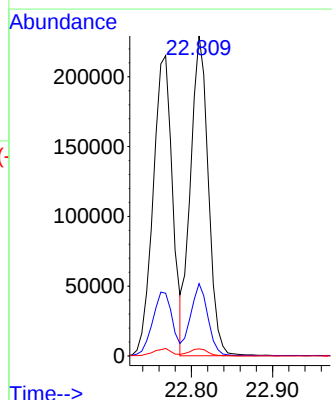
Manual Integrations  
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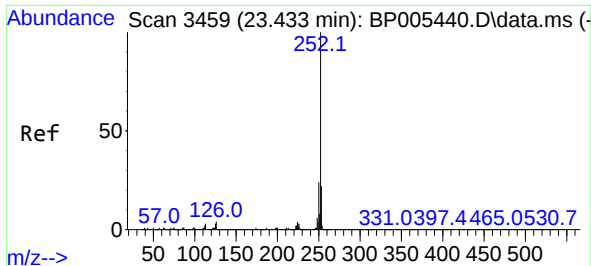
mohammad  
5/20/2021 11:35:43 AM



#89  
Benzo(k)fluoranthene  
Concen: 46.51 ng  
RT: 22.809 min Scan# 3353  
Delta R.T. -0.012 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

Tgt Ion:252 Resp: 349915  
Ion Ratio Lower Upper  
252 100  
253 22.6 17.2 25.8  
125 2.2 3.8 5.6#





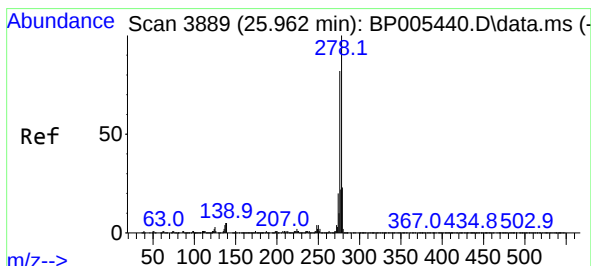
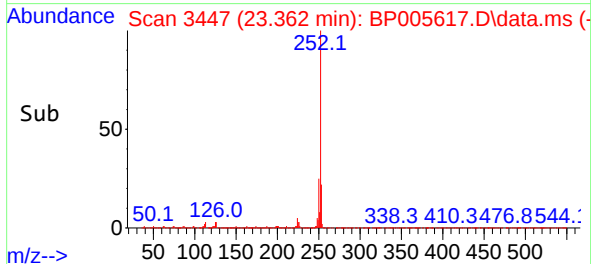
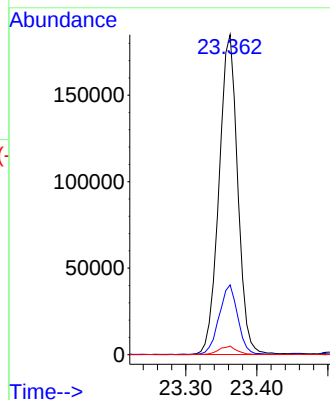
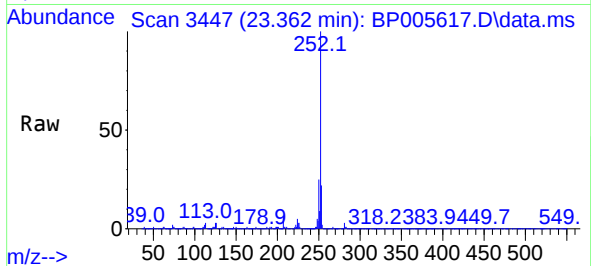
#90  
Benzo(a)pyrene  
Concen: 47.84 ng  
RT: 23.362 min Scan# 3447  
Delta R.T. -0.006 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

Instrument :  
BNA\_P  
ClientSampleId :  
EME-19MS

Tgt Ion:252 Resp: 337412  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.1 25.7  
125 2.7 3.8 5.6#

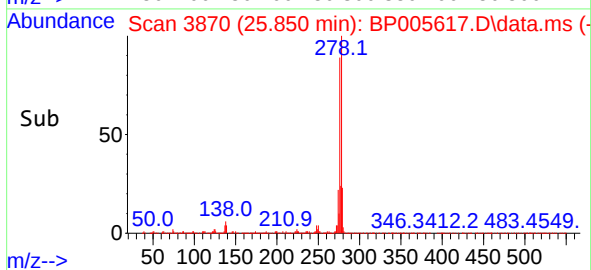
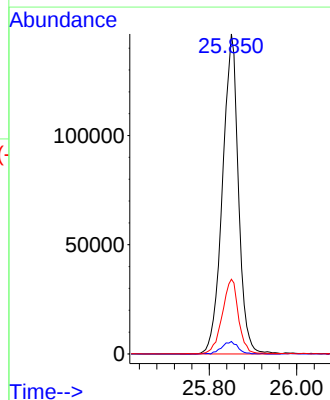
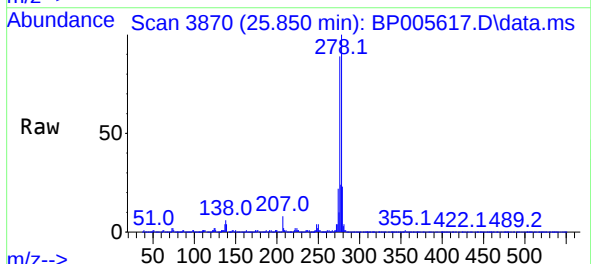
Manual Integrations  
APPROVED

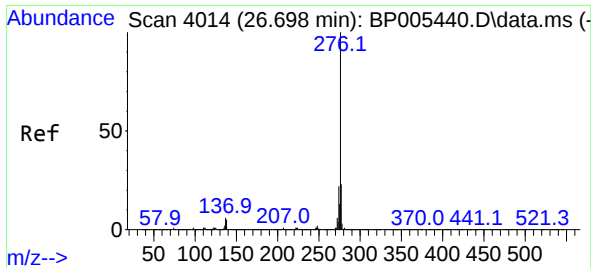
mohammad  
5/20/2021 11:35:43 AM



#91  
Dibenzo(a,h)anthracene  
Concen: 43.09 ng  
RT: 25.850 min Scan# 3870  
Delta R.T. -0.018 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

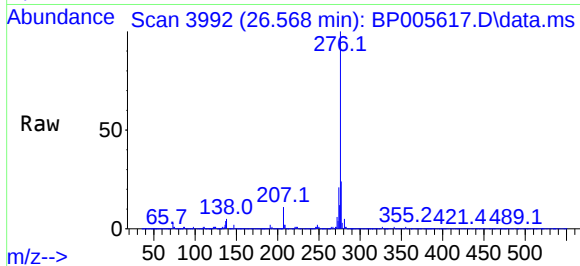
Tgt Ion:278 Resp: 369352  
Ion Ratio Lower Upper  
278 100  
139 3.9 5.0 7.6#  
279 23.3 18.6 28.0





#92  
Benzo(g,h,i)perylene  
Concen: 44.64 ng  
RT: 26.568 min Scan# 3992  
Delta R.T. -0.024 min  
Lab File: BP005617.D  
Acq: 19 May 2021 18:19

Instrument :  
BNA\_P  
ClientSampleId :  
EME-19MS



Tgt Ion: 276 Resp: 354023  
Ion Ratio Lower Upper  
276 100  
277 24.1 19.8 29.8  
138 5.3 7.7 11.5#

Manual Integrations  
APPROVED

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5/20/2021 11:35:43 AM

