

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100621\  
 Data File : BP007350.D  
 Acq On : 06 Oct 2021 12:32  
 Operator : CG/JU  
 Sample : PB139627BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB139627BS

Manual Integrations  
 APPROVED

mohammad  
 10/8/2021 8:34:20 AM

Quant Time: Oct 06 13:30:34 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP092121.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 01 12:49:05 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.858  | 152  | 143982   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.657 | 136  | 563441   | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.498 | 164  | 347050   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.251 | 188  | 709500   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.339 | 240  | 726778   | 20.00  | ng    | # 0.00   |
| 86) Perylene-d12              | 23.745 | 264  | 771032   | 20.00  | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.440  | 112  | 1186989  | 138.00 | ng    | -0.01    |
| 7) Phenol-d6                  | 7.046  | 99   | 1430172  | 121.66 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.028  | 82   | 842284   | 87.06  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.992 | 330  | 601772   | 133.75 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.122 | 172  | 2047369  | 84.52  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.810 | 244  | 3248555  | 85.65  | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.328  | 88   | 121100   | 34.82  | ng    | # 89     |
| 3) Pyridine                   | 3.740  | 79   | 305223   | 32.07  | ng    | # 85     |
| 4) n-Nitrosodimethylamine     | 3.646  | 42   | 162291   | 49.74  | ng    | # 91     |
| 6) Aniline                    | 7.187  | 93   | 549351   | 42.39  | ng    | 100      |
| 8) 2-Chlorophenol             | 7.428  | 128  | 418623   | 44.78  | ng    | 97       |
| 9) Benzaldehyde               | 7.005  | 77   | 251968m  | 38.05  | ng    |          |
| 10) Phenol                    | 7.069  | 94   | 505628   | 44.61  | ng    | 94       |
| 11) bis(2-Chloroethyl)ether   | 7.287  | 93   | 381785   | 42.67  | ng    | 96       |
| 12) 1,3-Dichlorobenzene       | 7.746  | 146  | 445038   | 42.21  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.893  | 146  | 452773   | 42.12  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.211  | 146  | 440046   | 42.24  | ng    | 98       |
| 15) Benzyl Alcohol            | 8.111  | 79   | 346005   | 45.95  | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.387  | 45   | 435789   | 42.54  | ng    | 90       |
| 17) 2-Methylphenol            | 8.316  | 107  | 334887   | 43.83  | ng    | 94       |
| 18) Hexachloroethane          | 8.934  | 117  | 161657   | 44.79  | ng    | 94       |
| 19) n-Nitroso-di-n-propyla... | 8.675  | 70   | 269415   | 42.14  | ng    | 98       |
| 20) 3+4-Methylphenols         | 8.646  | 107  | 453742   | 42.95  | ng    | 96       |
| 22) Acetophenone              | 8.687  | 105  | 592934   | 43.67  | ng    | # 98     |
| 24) Nitrobenzene              | 9.069  | 77   | 415101   | 45.00  | ng    | 96       |
| 25) Isophorone                | 9.599  | 82   | 741283   | 43.94  | ng    | 98       |
| 26) 2-Nitrophenol             | 9.781  | 139  | 218555   | 45.44  | ng    | 91       |
| 27) 2,4-Dimethylphenol        | 9.846  | 122  | 367570   | 48.53  | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 10.075 | 93   | 477682   | 40.13  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.322 | 162  | 386572   | 43.76  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.522 | 180  | 419320   | 41.66  | ng    | 98       |
| 31) Naphthalene               | 10.710 | 128  | 1216760  | 42.31  | ng    | 99       |
| 32) Benzoic acid              | 10.022 | 122  | 226816   | 38.97  | ng    | 97       |
| 33) 4-Chloroaniline           | 10.828 | 127  | 434729   | 36.59  | ng    | 99       |
| 34) Hexachlorobutadiene       | 10.987 | 225  | 258139   | 42.84  | ng    | 99       |
| 35) Caprolactam               | 11.640 | 113  | 124618   | 45.85  | ng    | # 71     |
| 36) 4-Chloro-3-methylphenol   | 11.963 | 107  | 389958   | 43.43  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.322 | 142  | 874086   | 43.41  | ng    | 96       |
| 38) 1-Methylnaphthalene       | 12.540 | 142  | 810083   | 41.18  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.693 | 216  | 463546   | 43.62  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.663 | 237  | 410637   | 69.71  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 12.934 | 196  | 308360   | 42.52  | ng    | 97       |

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 Sample : PB139627BS  
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 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
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Manual Integrations  
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Quant Time: Oct 06 13:30:34 2021  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 01 12:49:05 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.016 | 196  | 341789   | 43.77 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.328 | 154  | 1071770  | 41.52 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.375 | 162  | 858627   | 42.94 | ng    | 98       |
| 48) 2-Nitroaniline            | 13.587 | 65   | 242735   | 49.79 | ng    | 97       |
| 49) Acenaphthylene            | 14.216 | 152  | 1353930  | 43.96 | ng    | 99       |
| 50) Dimethylphthalate         | 13.957 | 163  | 1071798  | 42.94 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.081 | 165  | 236480   | 46.38 | ng    | 95       |
| 52) Acenaphthene              | 14.563 | 154  | 797869   | 42.76 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.410 | 138  | 219783   | 39.87 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 14.634 | 184  | 252646   | 86.02 | ng    | 95       |
| 55) Dibenzofuran              | 14.898 | 168  | 1289350  | 41.41 | ng    | 96       |
| 56) 4-Nitrophenol             | 14.740 | 139  | 386853   | 86.44 | ng    | 88       |
| 57) 2,4-Dinitrotoluene        | 14.875 | 165  | 329189   | 48.93 | ng    | 97       |
| 58) Fluorene                  | 15.545 | 166  | 1045805  | 43.48 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.128 | 232  | 290890m  | 42.42 | ng    |          |
| 60) Diethylphthalate          | 15.322 | 149  | 1062447  | 43.93 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 15.540 | 204  | 532016   | 41.86 | ng    | 93       |
| 62) 4-Nitroaniline            | 15.575 | 138  | 258608   | 46.64 | ng    | # 85     |
| 63) Azobenzene                | 15.834 | 77   | 937655   | 44.74 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 15.645 | 198  | 170751   | 40.10 | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 15.757 | 169  | 917545   | 43.46 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.434 | 248  | 330662   | 42.52 | ng    | 96       |
| 68) Hexachlorobenzene         | 16.557 | 284  | 373764   | 43.49 | ng    | 98       |
| 69) Atrazine                  | 16.716 | 200  | 350031   | 47.04 | ng    | 99       |
| 70) Pentachlorophenol         | 16.904 | 266  | 432548   | 81.05 | ng    | 99       |
| 71) Phenanthrene              | 17.292 | 178  | 1654681  | 43.50 | ng    | 99       |
| 72) Anthracene                | 17.387 | 178  | 1704262  | 45.79 | ng    | 100      |
| 73) Carbazole                 | 17.663 | 167  | 1560106  | 42.78 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.204 | 149  | 1848490  | 45.74 | ng    | 99       |
| 75) Fluoranthene              | 19.263 | 202  | 1971467  | 44.98 | ng    | 98       |
| 77) Benzidine                 | 19.445 | 184  | 1334285  | 59.74 | ng    | 100      |
| 78) Pyrene                    | 19.616 | 202  | 2040627  | 42.80 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.486 | 149  | 856856   | 44.87 | ng    | 95       |
| 81) Benzo(a)anthracene        | 21.327 | 228  | 2000577  | 42.41 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.257 | 252  | 740840   | 45.73 | ng    | # 98     |
| 83) Chrysene                  | 21.380 | 228  | 1974880  | 43.80 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.245 | 149  | 1255467  | 45.73 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 22.163 | 149  | 2213369  | 47.35 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 26.280 | 276  | 2540369  | 45.85 | ng    | # 96     |
| 88) Benzo(b)fluoranthene      | 23.010 | 252  | 2082790m | 45.20 | ng    |          |
| 89) Benzo(k)fluoranthene      | 23.063 | 252  | 2098700  | 44.99 | ng    | 99       |
| 90) Benzo(a)pyrene            | 23.639 | 252  | 2094806  | 53.51 | ng    | # 98     |
| 91) Dibenzo(a,h)anthracene    | 26.292 | 278  | 2171899  | 46.77 | ng    | # 97     |
| 92) Benzo(g,h,i)perylene      | 27.057 | 276  | 2089239  | 46.10 | ng    | # 96     |

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

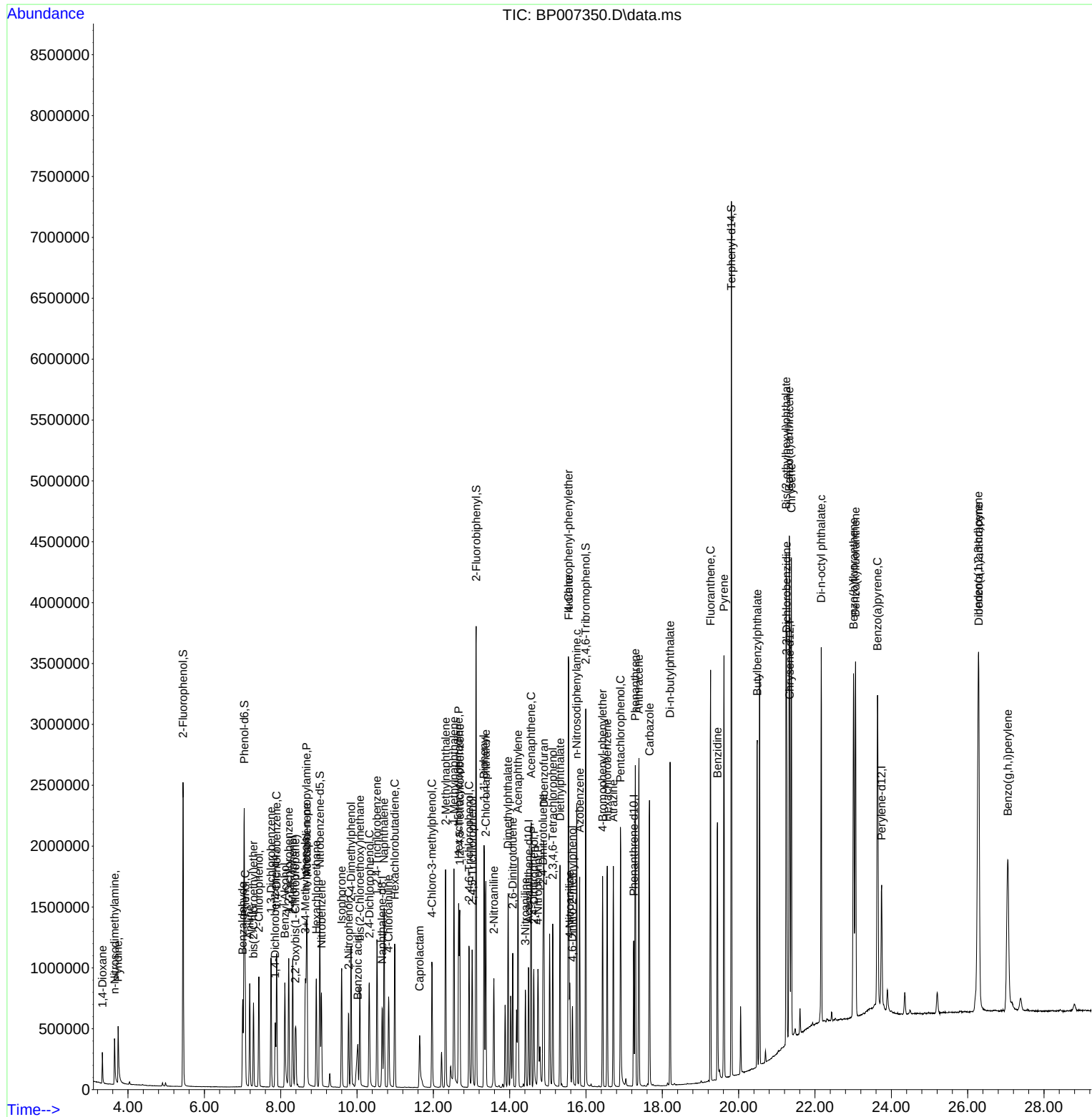
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 Data File : BP007350.D  
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 Operator : CG/JU  
 Sample : PB139627BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

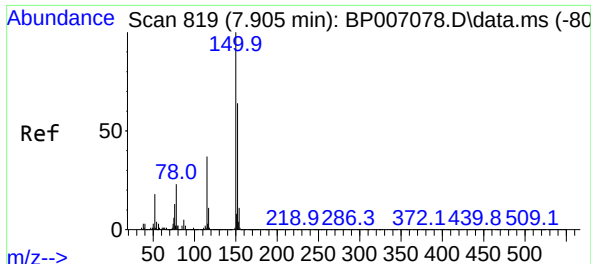
Instrument :  
 BNA\_P  
 ClientSampled :  
 PB139627BS

Manual Integrations  
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 QLast Update : Fri Oct 01 12:49:05 2021  
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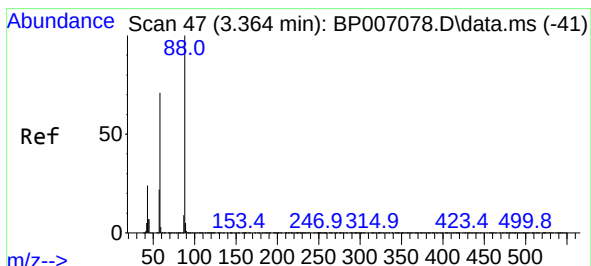
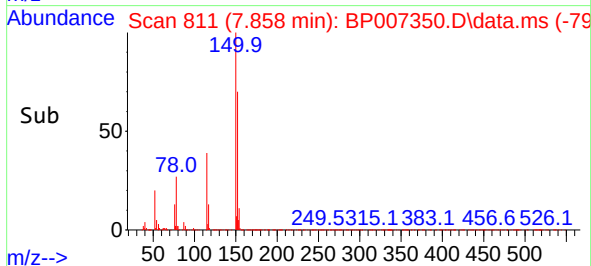
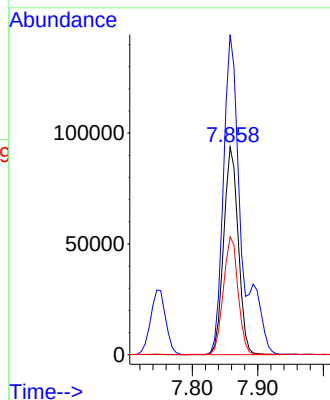
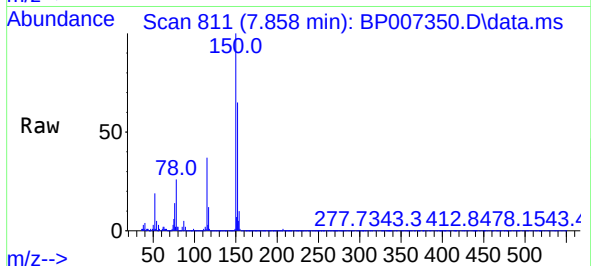
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1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.858 min Scan# 811  
Delta R.T. -0.005 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32

Tgt Ion:152 Resp: 143982  
Ion Ratio Lower Upper  
152 100  
150 154.1 125.6 188.4  
115 56.7 48.5 72.7

Instrument :  
BNA\_P  
ClientSampleId :  
PB139627BS

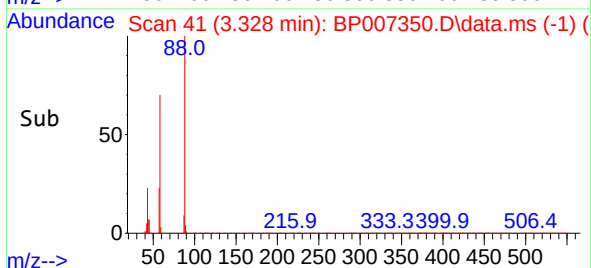
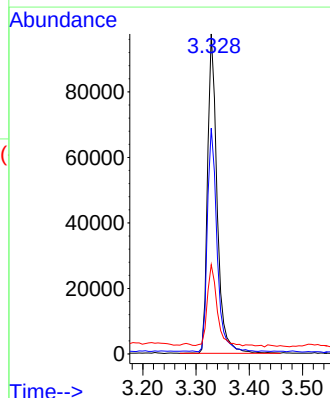
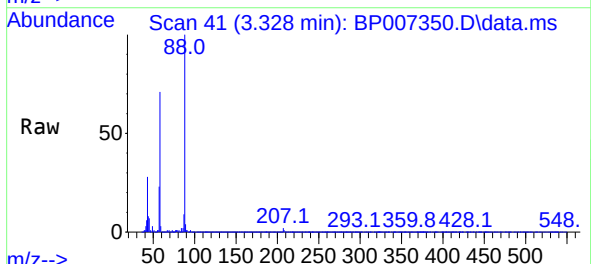
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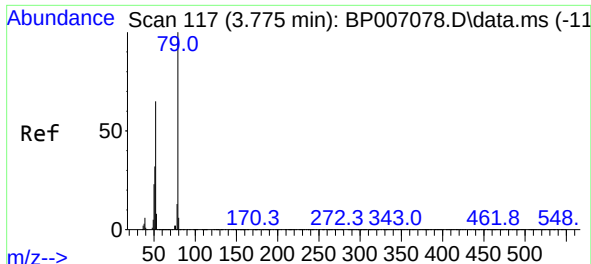
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#2  
1,4-Dioxane  
Concen: 34.82 ng  
RT: 3.328 min Scan# 41  
Delta R.T. -0.011 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32

Tgt Ion: 88 Resp: 121100  
Ion Ratio Lower Upper  
88 100  
58 70.3 46.7 70.1#  
43 25.8 20.3 30.5





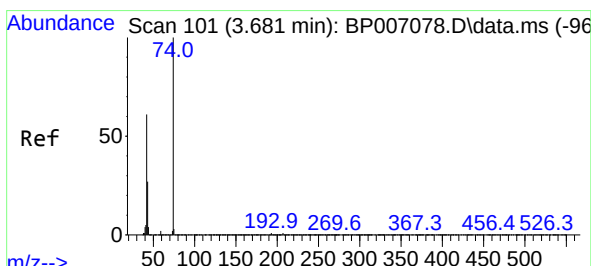
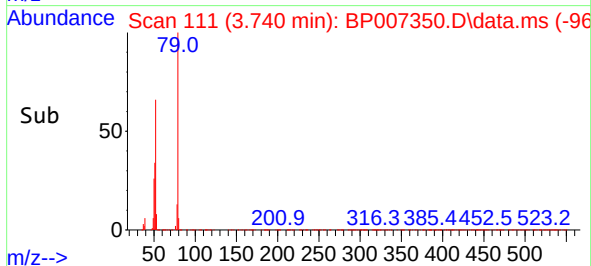
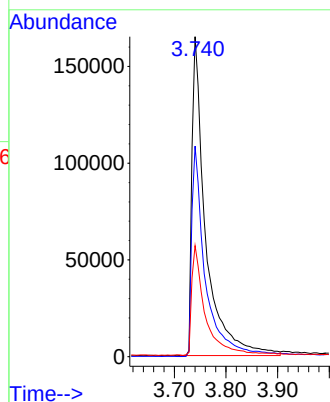
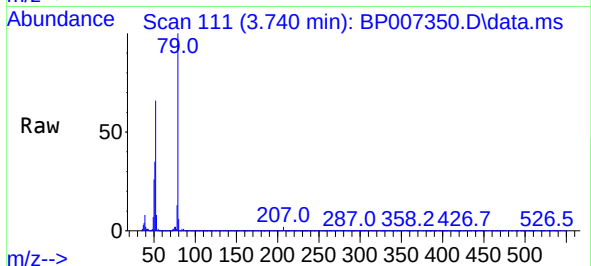
#3  
Pyridine  
Concen: 32.07 ng  
RT: 3.740 min Scan# 111  
Delta R.T. -0.011 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32

Tgt Ion: 79 Resp: 305223  
Ion Ratio Lower Upper  
79 100  
52 65.8 41.7 62.5#  
51 34.7 24.1 36.1

Instrument :  
BNA\_P  
ClientSampleId :  
PB139627BS

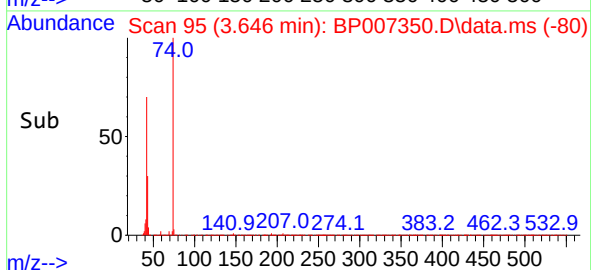
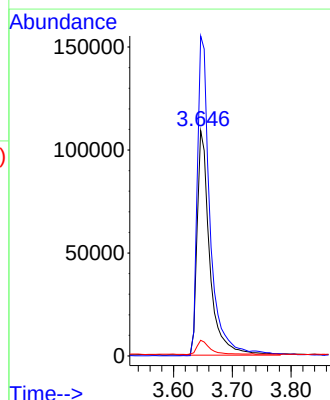
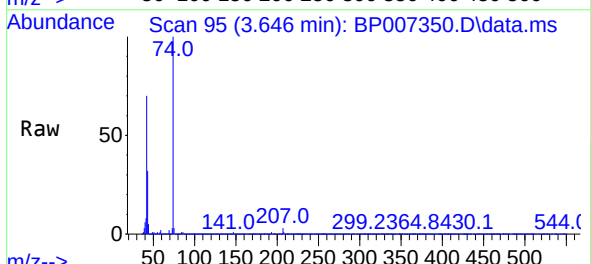
Manual Integrations  
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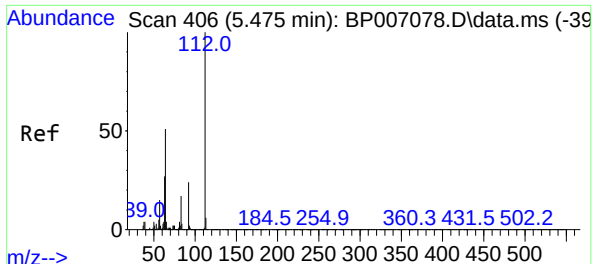
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#4  
n-Nitrosodimethylamine  
Concen: 49.74 ng  
RT: 3.646 min Scan# 95  
Delta R.T. -0.011 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32

Tgt Ion: 42 Resp: 162291  
Ion Ratio Lower Upper  
42 100  
74 142.0 105.4 158.0  
44 6.9 4.2 6.4#





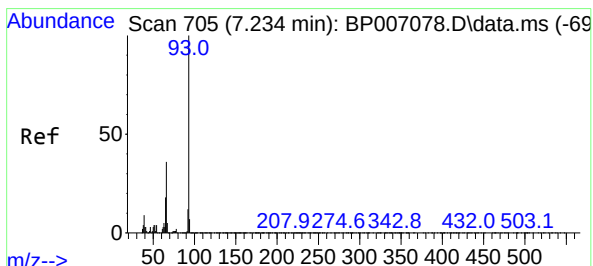
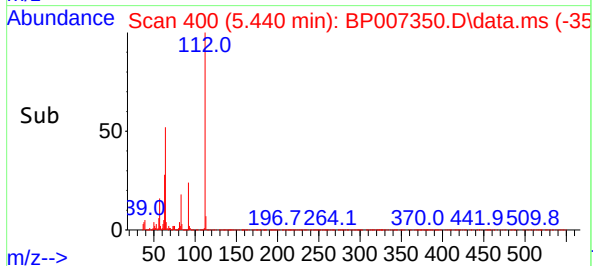
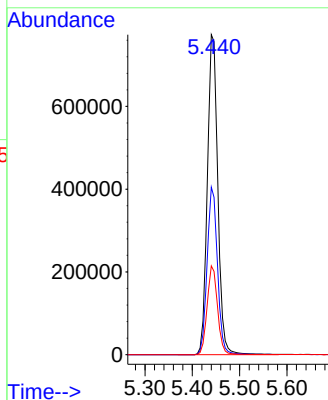
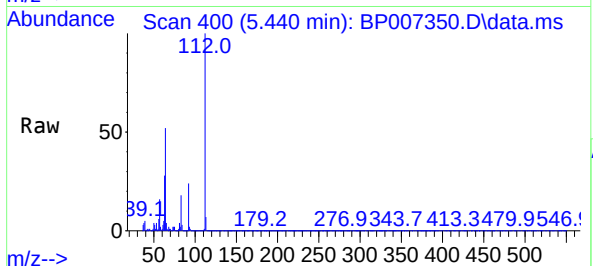
#5  
2-Fluorophenol  
Concen: 138.00 ng  
RT: 5.440 min Scan# 400  
Delta R.T. -0.011 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32

Instrument :  
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PB139627BS

Tgt Ion:112 Resp: 1186989  
Ion Ratio Lower Upper  
112 100  
64 52.4 41.4 62.2  
63 27.8 23.8 35.8

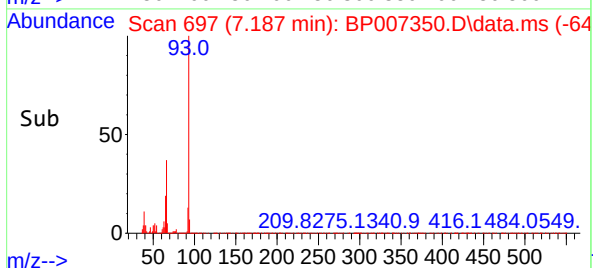
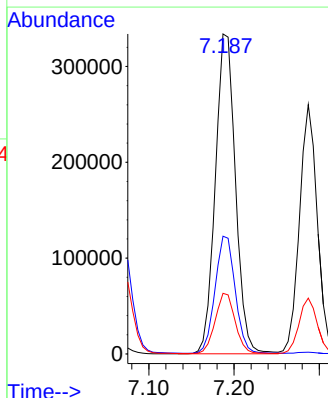
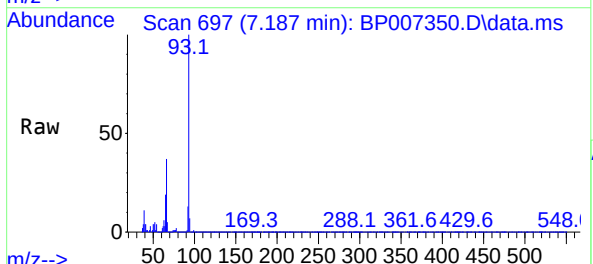
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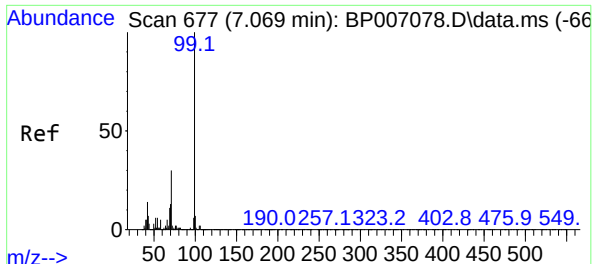
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10/8/2021 8:34:20 AM



#6  
Aniline  
Concen: 42.39 ng  
RT: 7.187 min Scan# 697  
Delta R.T. -0.011 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32

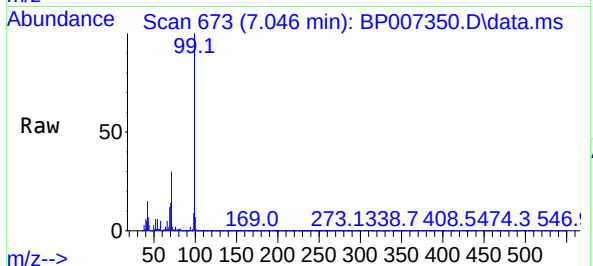
Tgt Ion: 93 Resp: 549351  
Ion Ratio Lower Upper  
93 100  
66 36.8 29.7 44.5  
65 18.9 15.3 22.9





#7  
Phenol-d6  
Concen: 121.66 ng  
RT: 7.046 min Scan# 673  
Delta R.T. -0.006 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32

Instrument :  
BNA\_P  
ClientSampleId :  
PB139627BS

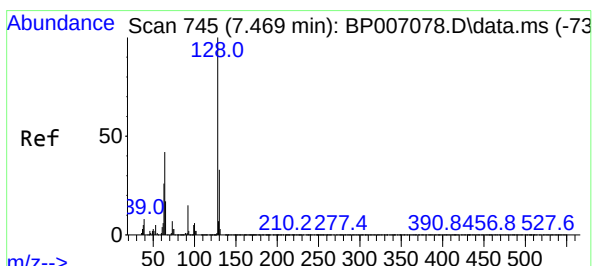
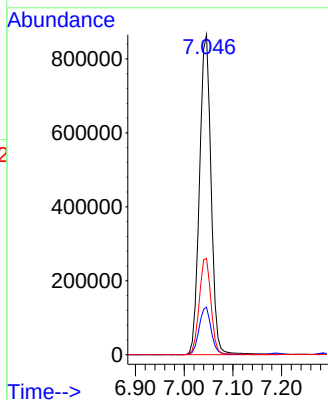
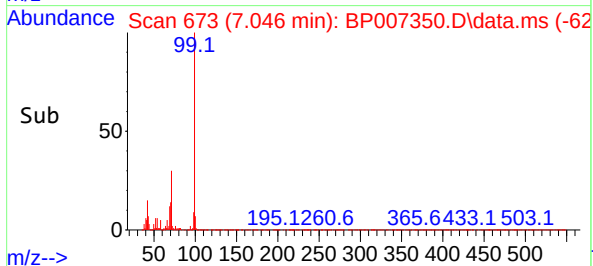


Tgt Ion: 99 Resp: 1430172

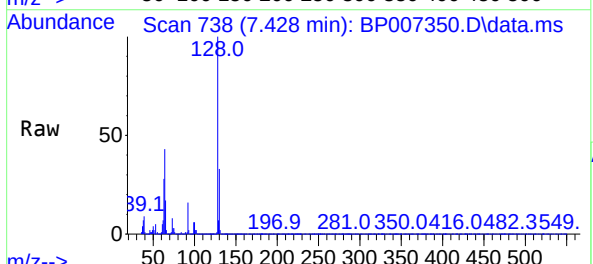
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 14.9  | 13.4  | 20.0  |
| 71  | 30.1  | 30.6  | 46.0# |

Manual Integrations  
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10/8/2021 8:34:20 AM

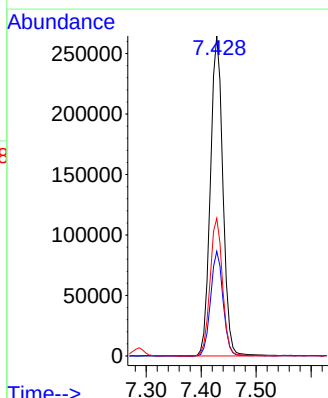
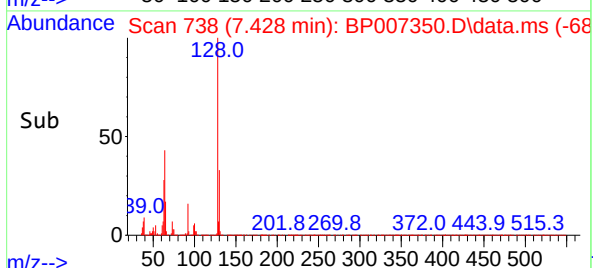


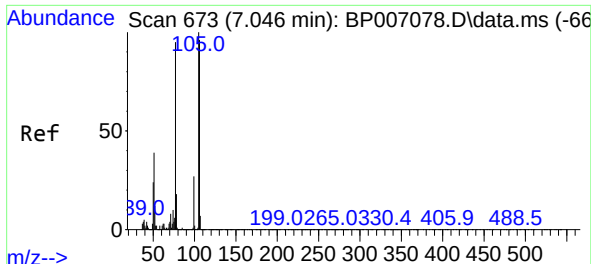
#8  
2-Chlorophenol  
Concen: 44.78 ng  
RT: 7.428 min Scan# 738  
Delta R.T. -0.006 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32



Tgt Ion: 128 Resp: 418623

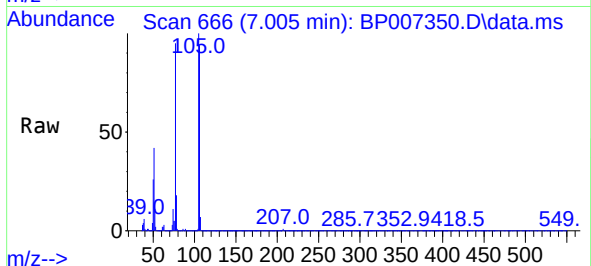
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.7  | 12.4  | 52.4  |
| 64  | 43.0  | 20.3  | 60.3  |





#9  
Benzaldehyde  
Concen: 38.05 ng m  
RT: 7.005 min Scan# 666  
Delta R.T. -0.006 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32

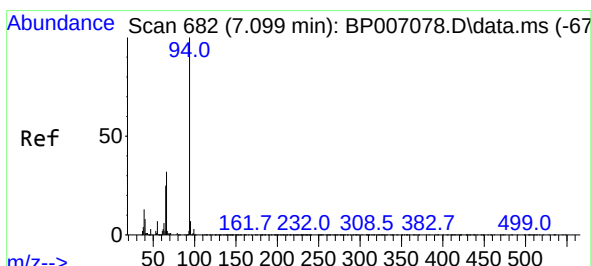
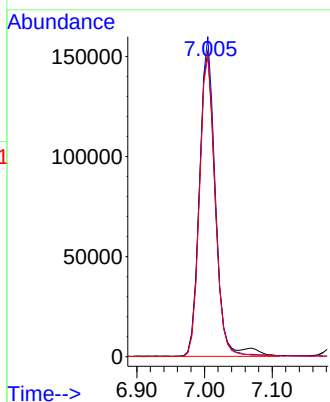
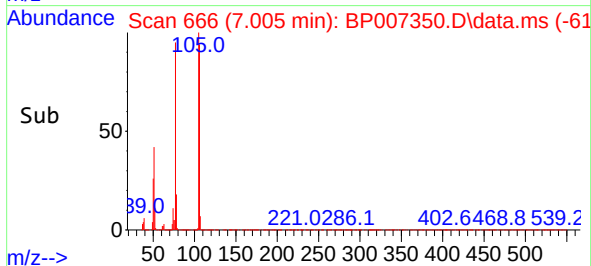
Instrument :  
BNA\_P  
ClientSampleId :  
PB139627BS



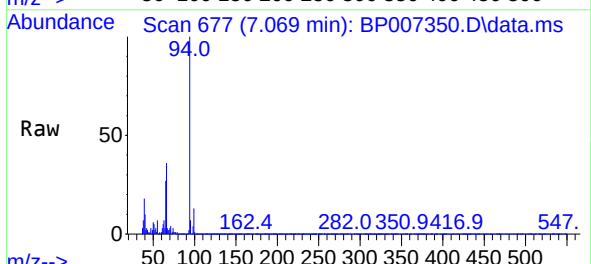
Tgt Ion: 77 Resp: 251968  
Ion Ratio Lower Upper  
77 100  
105 104.9 76.7 116.7  
106 98.7 76.2 116.2

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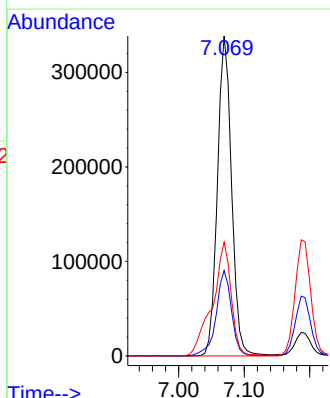
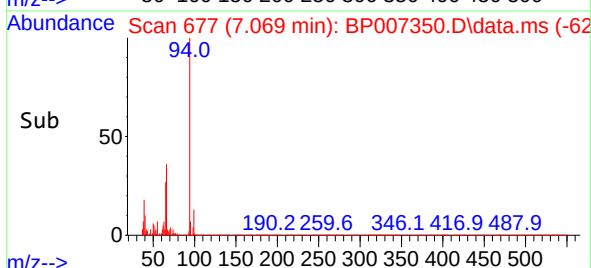
mohammad  
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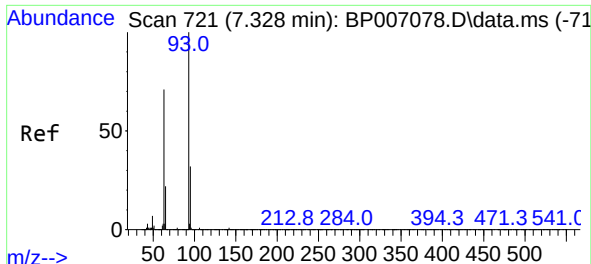
#10  
Phenol  
Concen: 44.61 ng  
RT: 7.069 min Scan# 677  
Delta R.T. -0.006 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32



Tgt Ion: 94 Resp: 505628  
Ion Ratio Lower Upper  
94 100  
65 26.7 8.8 48.8  
66 35.5 20.7 60.7

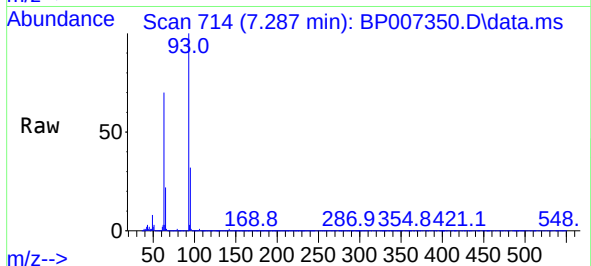






#11  
bis(2-Chloroethyl)ether  
Concen: 42.67 ng  
RT: 7.287 min Scan# 714  
Delta R.T. -0.006 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32

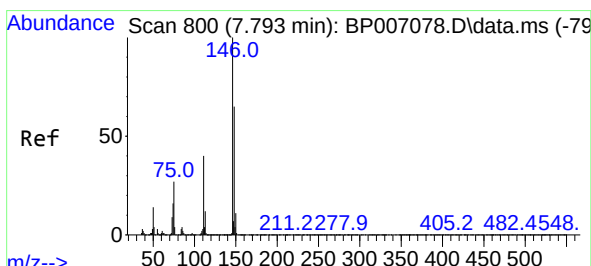
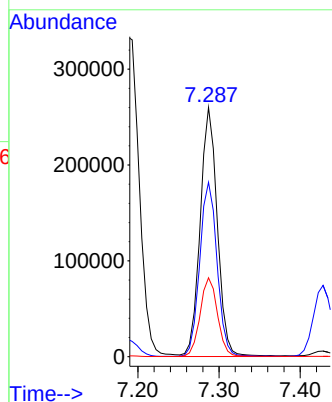
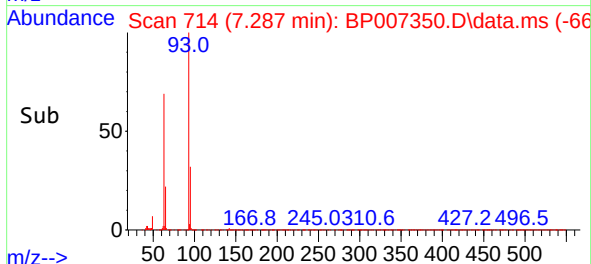
Instrument :  
BNA\_P  
ClientSampleId :  
PB139627BS



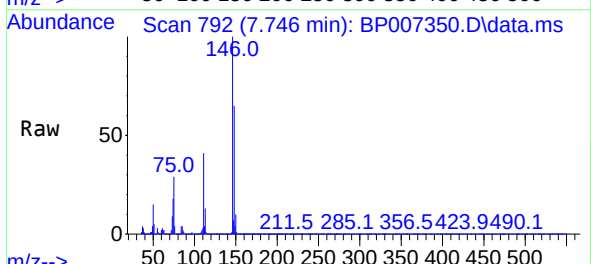
Tgt Ion: 93 Resp: 381785  
Ion Ratio Lower Upper  
93 100  
63 70.0 46.2 86.2  
95 31.7 12.2 52.2

Manual Integrations  
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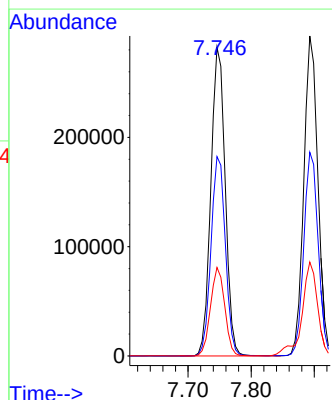
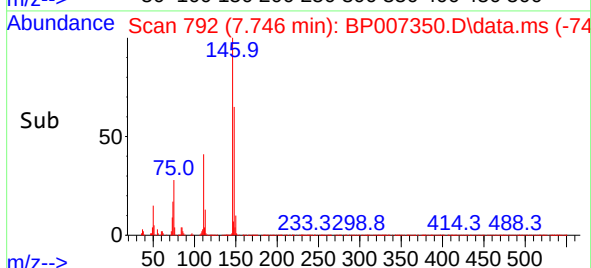
mohammad  
10/8/2021 8:34:20 AM

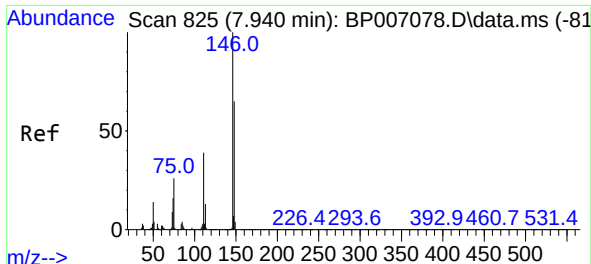


#12  
1,3-Dichlorobenzene  
Concen: 42.21 ng  
RT: 7.746 min Scan# 792  
Delta R.T. -0.006 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32



Tgt Ion: 146 Resp: 445038  
Ion Ratio Lower Upper  
146 100  
148 64.6 51.5 77.3  
75 28.7 25.7 38.5





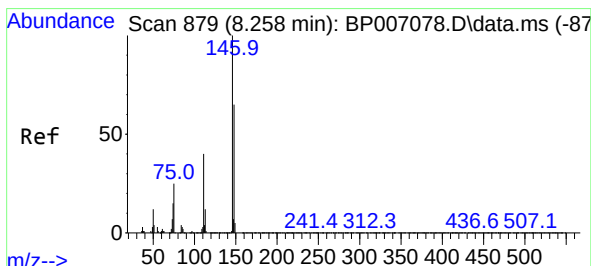
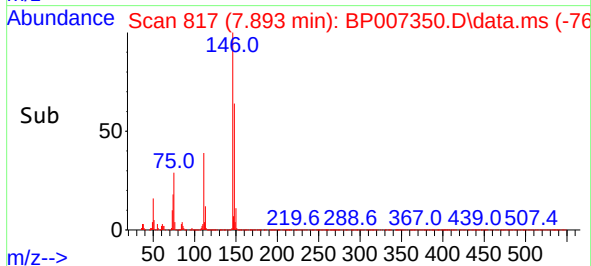
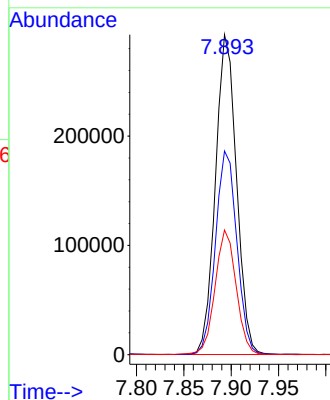
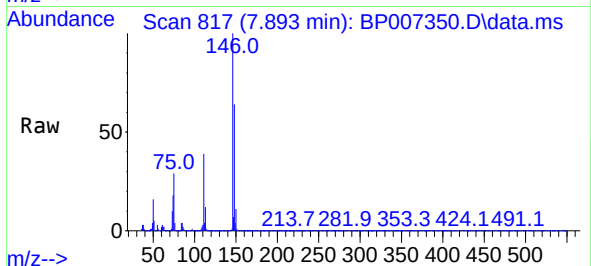
#13  
1,4-Dichlorobenzene  
Concen: 42.12 ng  
RT: 7.893 min Scan# 817  
Delta R.T. -0.006 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32

Tgt Ion:146 Resp: 452773  
Ion Ratio Lower Upper  
146 100  
148 63.7 51.3 76.9  
111 38.9 33.0 49.6

Instrument :  
BNA\_P  
ClientSampleId :  
PB139627BS

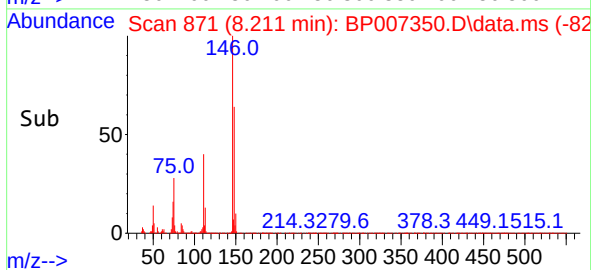
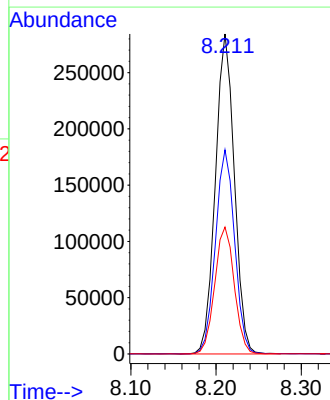
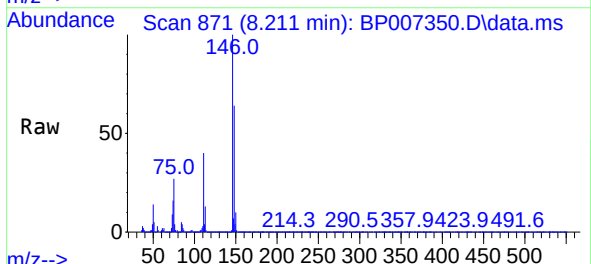
Manual Integrations  
APPROVED

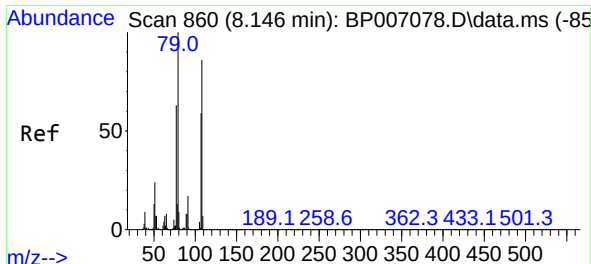
mohammad  
10/8/2021 8:34:20 AM



#14  
1,2-Dichlorobenzene  
Concen: 42.24 ng  
RT: 8.211 min Scan# 871  
Delta R.T. -0.006 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32

Tgt Ion:146 Resp: 440046  
Ion Ratio Lower Upper  
146 100  
148 63.8 50.3 75.5  
111 39.7 33.7 50.5





#15  
Benzyl Alcohol  
Concen: 45.95 ng  
RT: 8.111 min Scan# 854  
Delta R.T. -0.006 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32

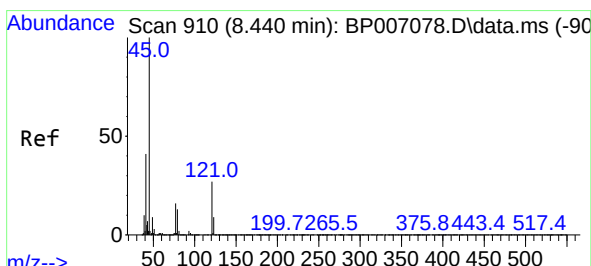
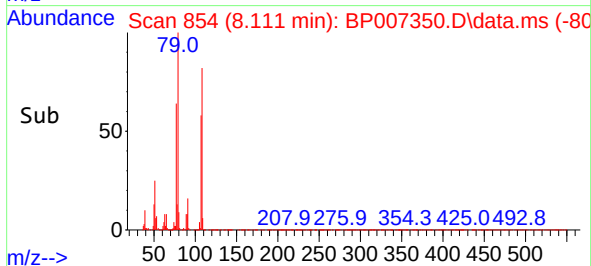
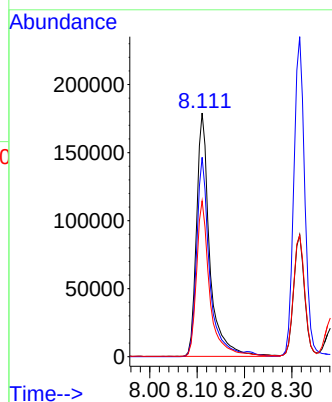
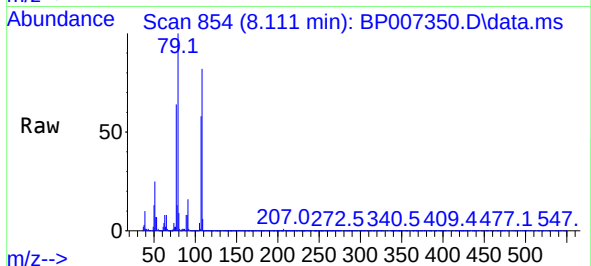
Tgt Ion: 79 Resp: 346005

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 108 | 81.8  | 62.5  | 93.7  |
| 77  | 64.0  | 52.9  | 79.3  |

Instrument :  
BNA\_P  
ClientSampleId :  
PB139627BS

Manual Integrations  
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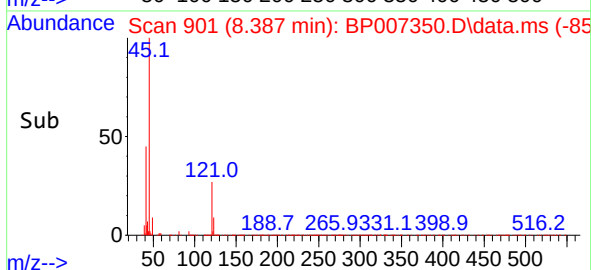
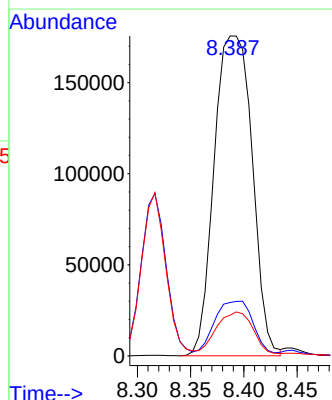
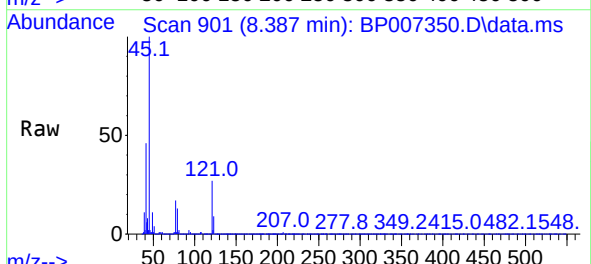
mohammad  
10/8/2021 8:34:20 AM

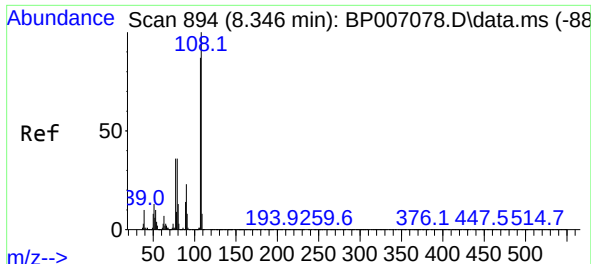


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 42.54 ng  
RT: 8.387 min Scan# 901  
Delta R.T. -0.011 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32

Tgt Ion: 45 Resp: 435789

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 77  | 16.7  | 2.0   | 42.0  |
| 79  | 12.8  | 0.0   | 36.7  |





#17  
2-Methylphenol  
Concen: 43.83 ng  
RT: 8.316 min Scan# 889  
Delta R.T. -0.006 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32

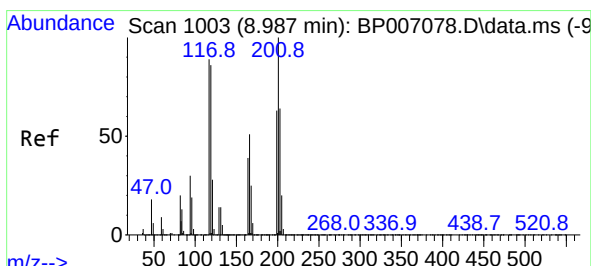
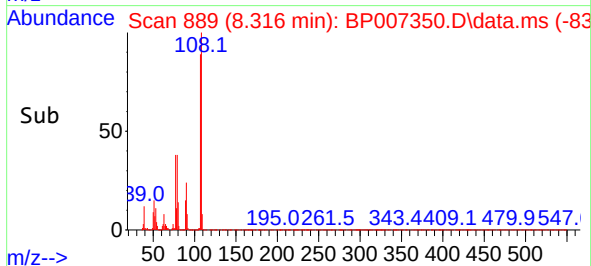
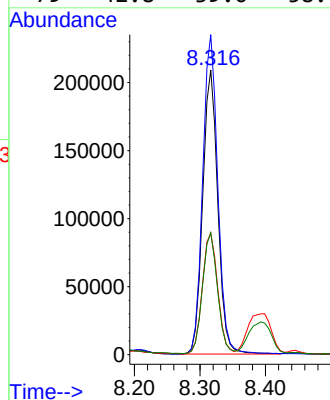
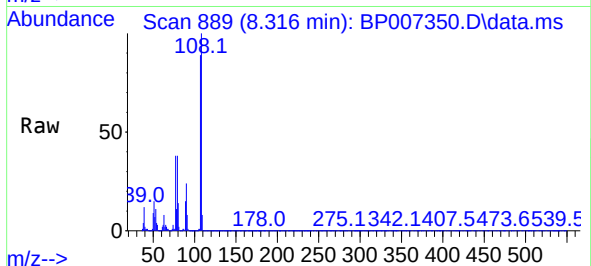
Instrument :  
BNA\_P  
ClientSampleId :  
PB139627BS

Tgt Ion:107 Resp: 334887

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 112.4 | 87.7  | 131.5 |
| 77  | 42.7  | 40.2  | 60.2  |
| 79  | 42.8  | 39.0  | 58.4  |

Manual Integrations  
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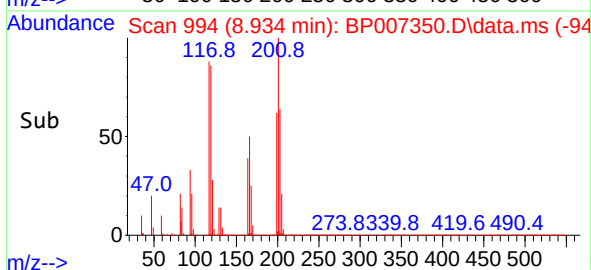
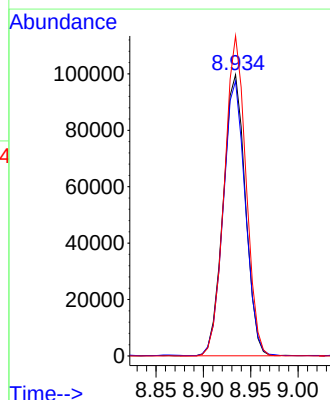
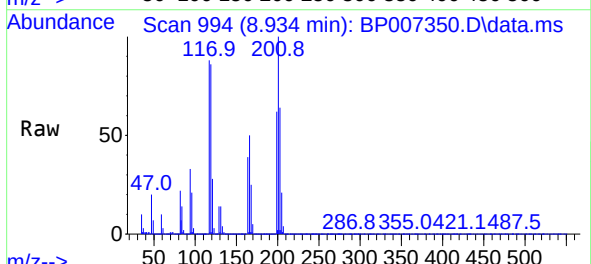
mohammad  
10/8/2021 8:34:20 AM

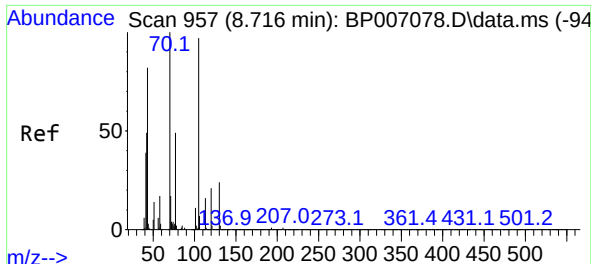


#18  
Hexachloroethane  
Concen: 44.79 ng  
RT: 8.934 min Scan# 994  
Delta R.T. -0.006 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32

Tgt Ion:117 Resp: 161657

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 97.7  | 76.2  | 114.2 |
| 201 | 113.7 | 83.4  | 125.0 |





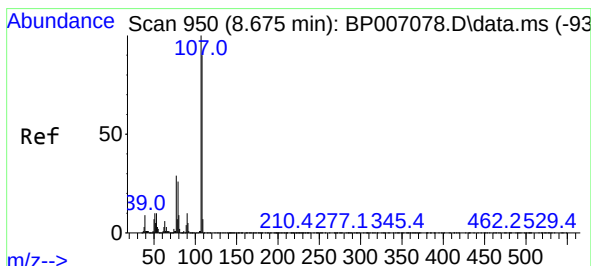
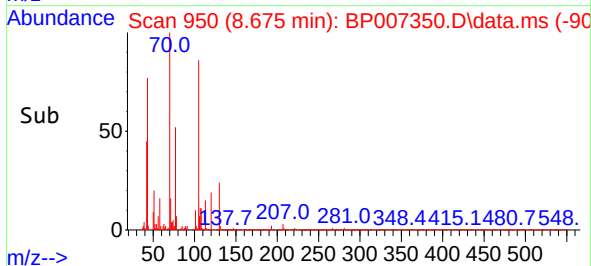
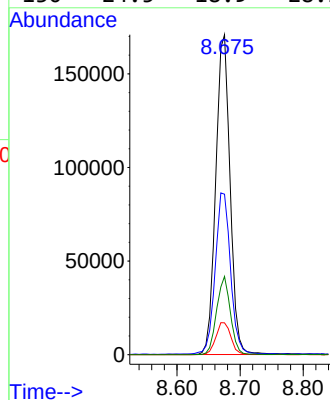
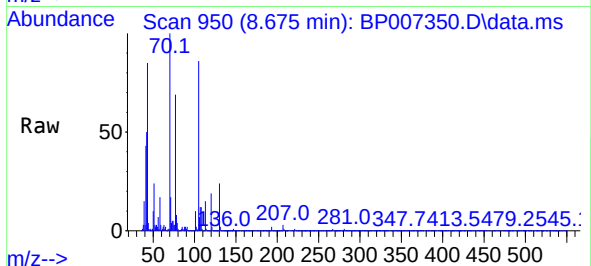
#19  
n-Nitroso-di-n-propylamine  
Concen: 42.14 ng  
RT: 8.675 min Scan# 950  
Delta R.T. -0.006 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 269415 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 50.2  | 40.8  | 61.2   |
| 101      | 9.9   | 8.8   | 13.2   |
| 130      | 24.5  | 18.9  | 28.3   |

Instrument :  
BNA\_P  
ClientSampleId :  
PB139627BS

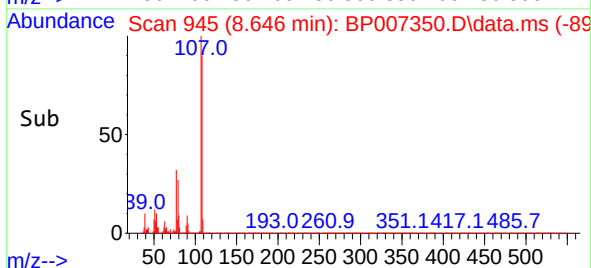
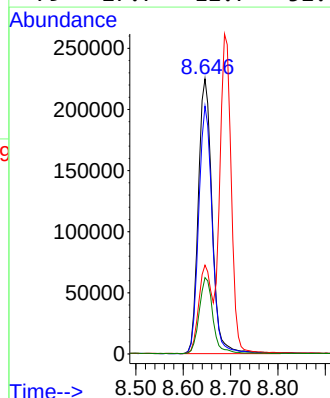
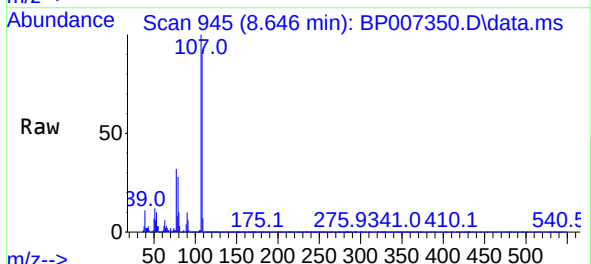
Manual Integrations  
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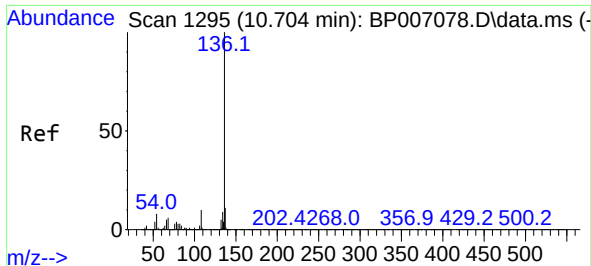
mohammad  
10/8/2021 8:34:20 AM



#20  
3+4-Methylphenols  
Concen: 42.95 ng  
RT: 8.646 min Scan# 945  
Delta R.T. -0.006 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 453742 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 90.0  | 71.0  | 111.0  |
| 77       | 32.3  | 16.6  | 56.6   |
| 79       | 27.7  | 12.7  | 52.7   |





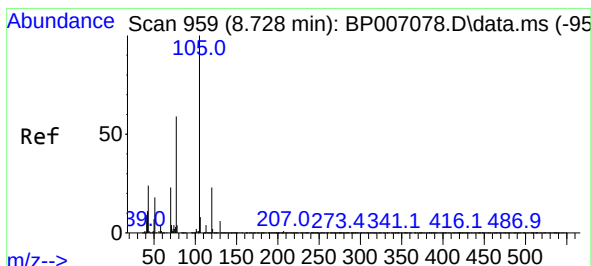
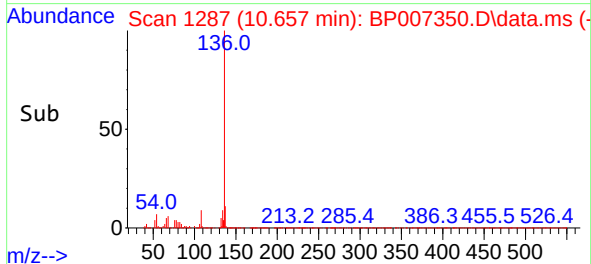
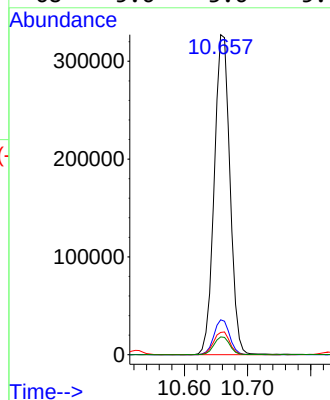
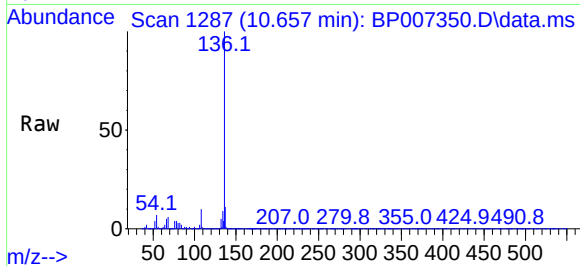
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.657 min Scan# 1287  
Delta R.T. -0.006 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 563441 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 10.9  | 8.6   | 12.8   |
| 54        | 7.0   | 4.6   | 6.8#   |
| 68        | 5.6   | 3.6   | 5.4#   |

Instrument :  
BNA\_P  
ClientSampleId :  
PB139627BS

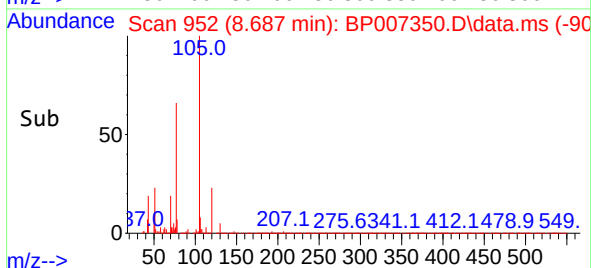
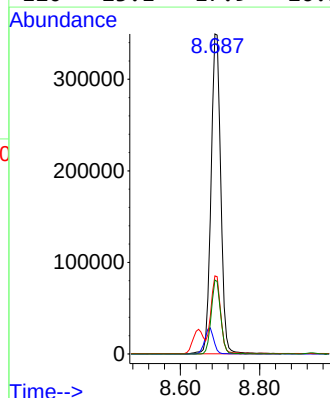
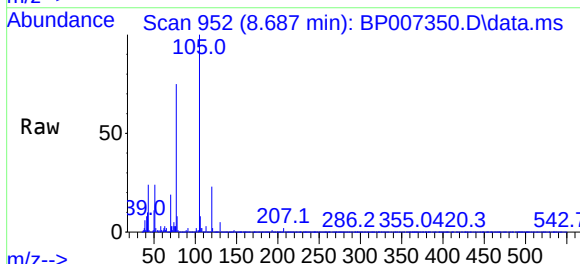
Manual Integrations  
APPROVED

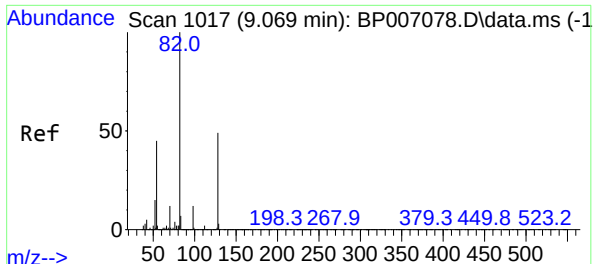
mohammad  
10/8/2021 8:34:20 AM



#22  
Acetophenone  
Concen: 43.67 ng  
RT: 8.687 min Scan# 952  
Delta R.T. -0.006 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 592934 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 3.1   | 1.9   | 2.9#   |
| 51        | 24.4  | 18.4  | 27.6   |
| 120       | 23.1  | 17.9  | 26.9   |





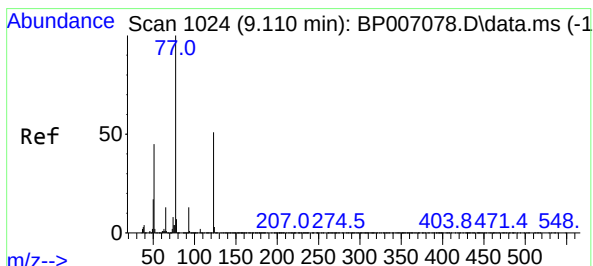
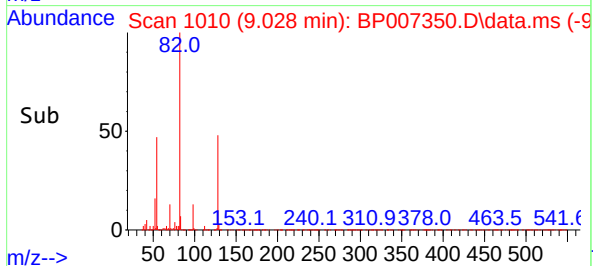
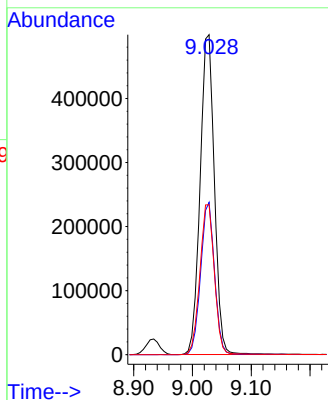
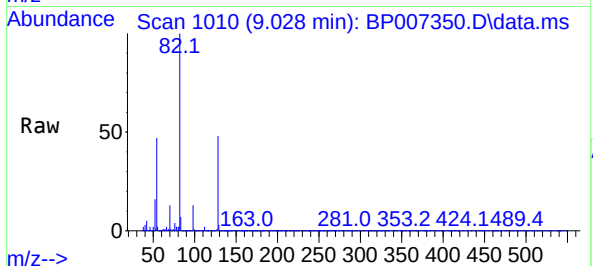
#23  
Nitrobenzene-d5  
Concen: 87.06 ng  
RT: 9.028 min Scan# 1010  
Delta R.T. 0.000 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32

Tgt Ion: 82 Resp: 842284  
Ion Ratio Lower Upper  
82 100  
128 47.6 35.7 53.5  
54 46.8 35.0 52.4

Instrument :  
BNA\_P  
ClientSampleId :  
PB139627BS

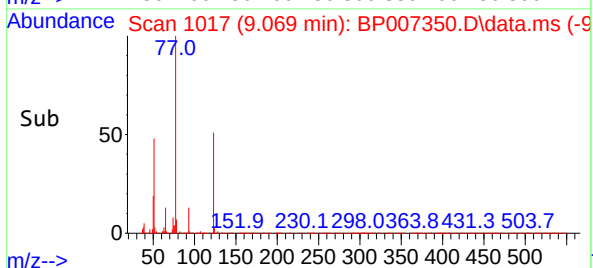
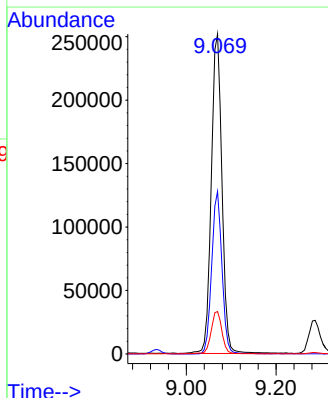
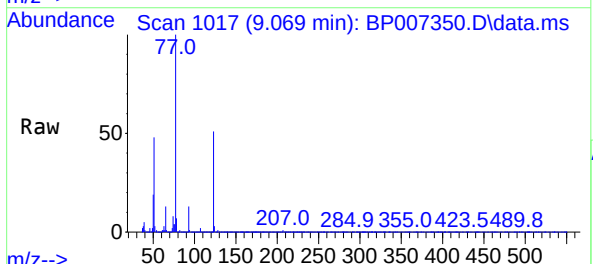
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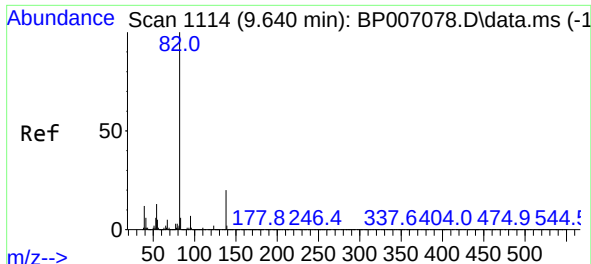
mohammad  
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#24  
Nitrobenzene  
Concen: 45.00 ng  
RT: 9.069 min Scan# 1017  
Delta R.T. -0.006 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32

Tgt Ion: 77 Resp: 415101  
Ion Ratio Lower Upper  
77 100  
123 50.8 38.2 57.2  
65 13.3 11.4 17.2





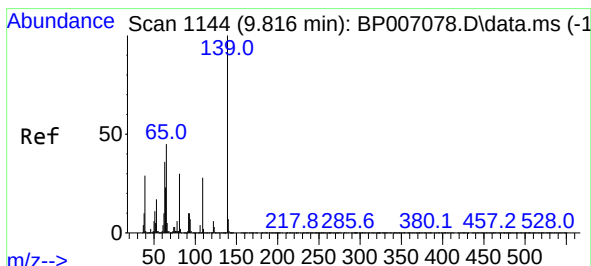
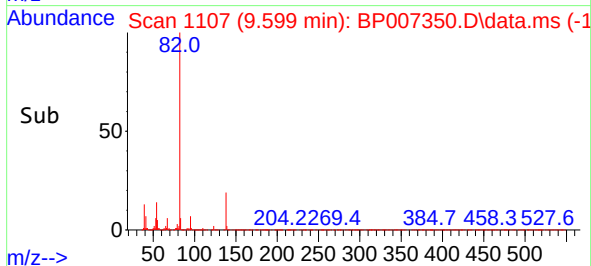
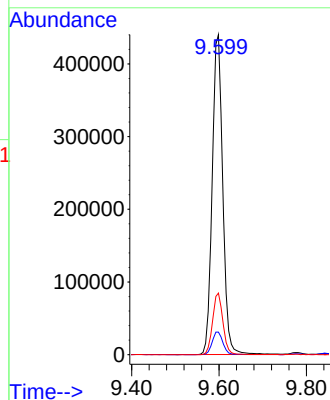
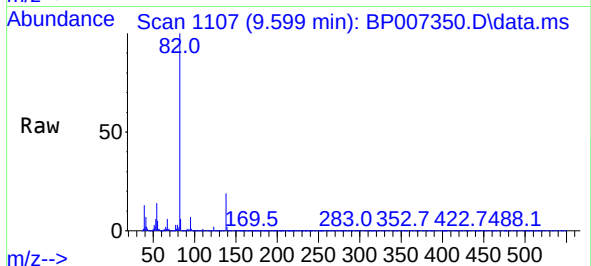
#25  
Isophorone  
Concen: 43.94 ng  
RT: 9.599 min Scan# 1107  
Delta R.T. -0.006 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32

Tgt Ion: 82 Resp: 741283  
Ion Ratio Lower Upper  
82 100  
95 7.1 6.5 9.7  
138 19.2 15.0 22.4

Instrument :  
BNA\_P  
ClientSampleId :  
PB139627BS

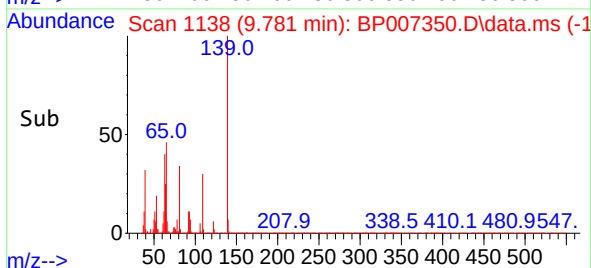
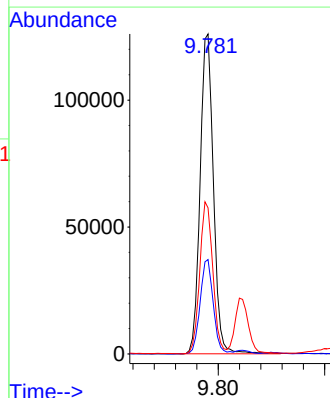
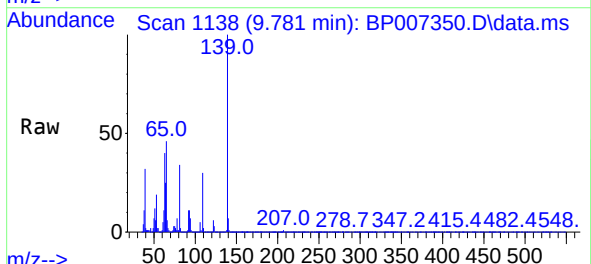
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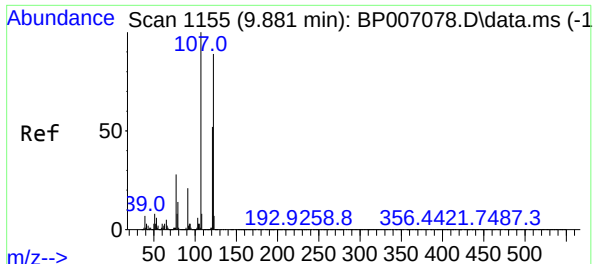


#26  
2-Nitrophenol  
Concen: 45.44 ng  
RT: 9.781 min Scan# 1138  
Delta R.T. 0.000 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32

Tgt Ion: 139 Resp: 218555  
Ion Ratio Lower Upper  
139 100  
109 29.5 28.8 43.2  
65 45.7 41.0 61.6

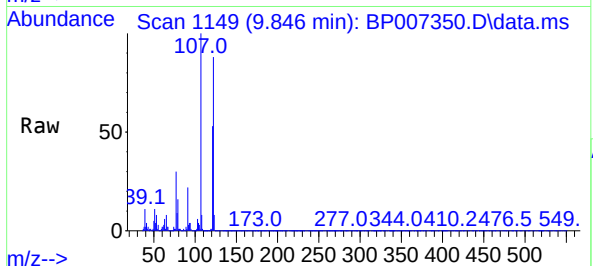






#27  
2,4-Dimethylphenol  
Concen: 48.53 ng  
RT: 9.846 min Scan# 1149  
Delta R.T. -0.006 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32

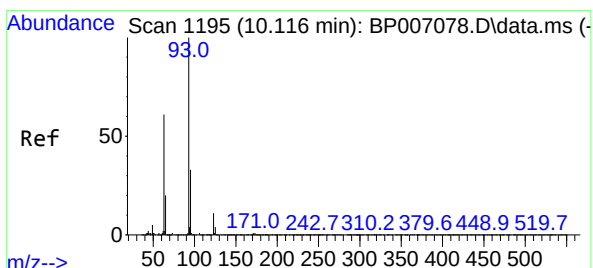
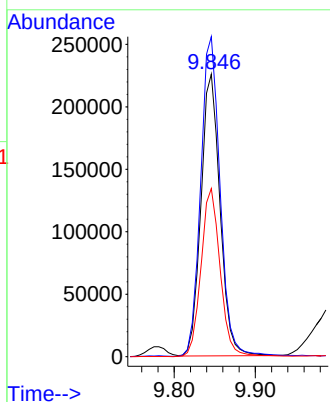
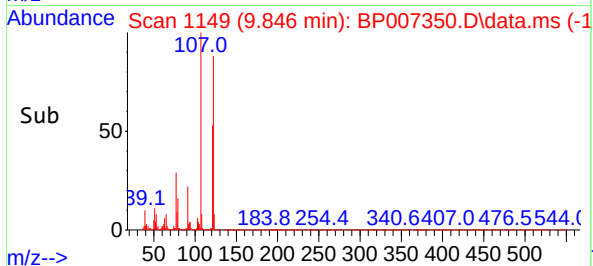
Instrument :  
BNA\_P  
ClientSampleId :  
PB139627BS



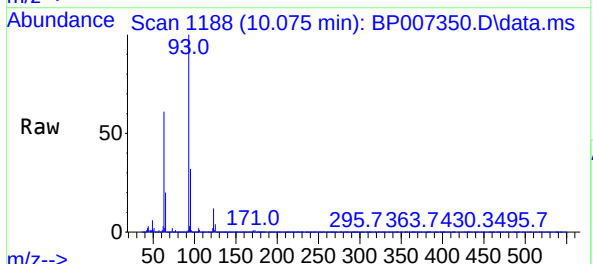
Tgt Ion:122 Resp: 367570  
Ion Ratio Lower Upper  
122 100  
107 113.2 94.5 141.7  
121 59.5 47.4 71.2

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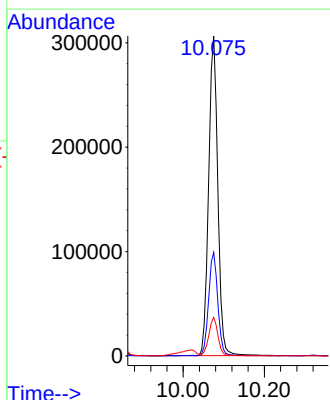
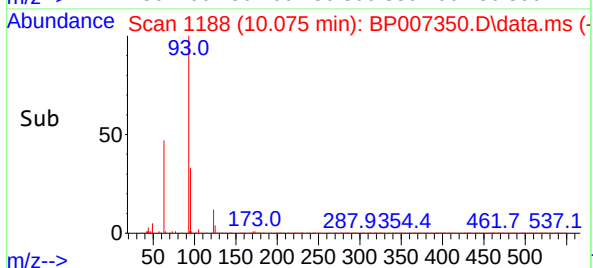
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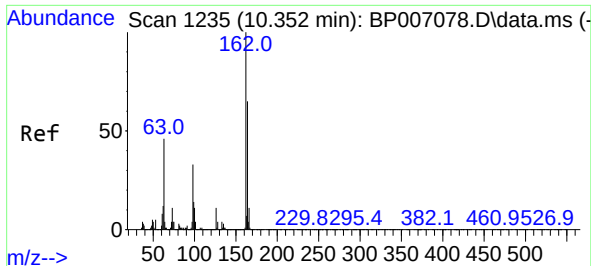


#28  
bis(2-Chloroethoxy)methane  
Concen: 40.13 ng  
RT: 10.075 min Scan# 1188  
Delta R.T. -0.006 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32



Tgt Ion: 93 Resp: 477682  
Ion Ratio Lower Upper  
93 100  
95 32.4 25.9 38.9  
123 12.1 10.2 15.2





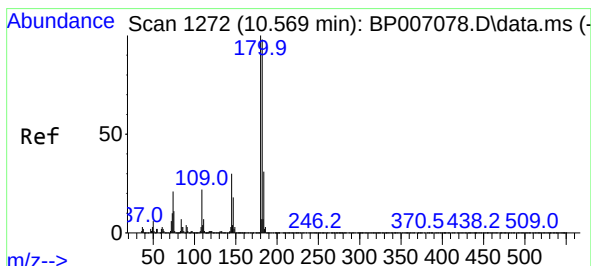
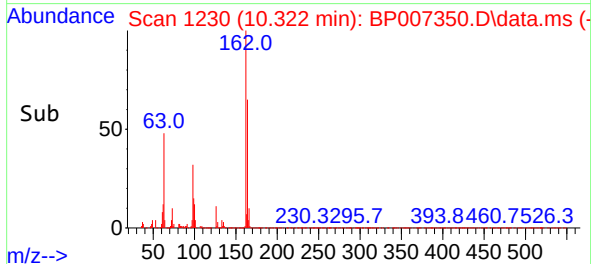
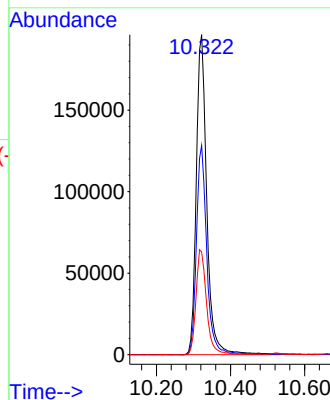
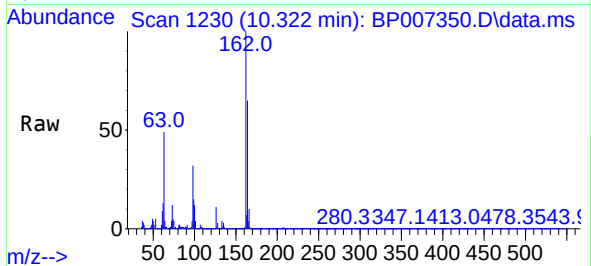
#29  
2,4-Dichlorophenol  
Concen: 43.76 ng  
RT: 10.322 min Scan# 1230  
Delta R.T. 0.000 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 386572 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 65.4  | 44.9  | 84.9   |
| 98        | 32.1  | 14.3  | 54.3   |

Instrument :  
BNA\_P  
ClientSampleId :  
PB139627BS

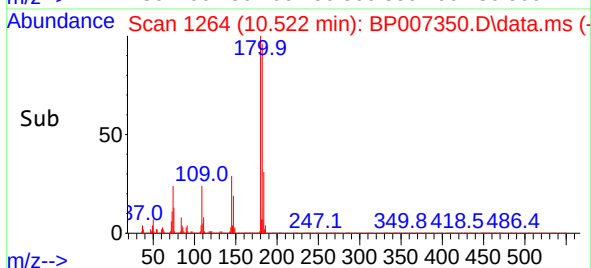
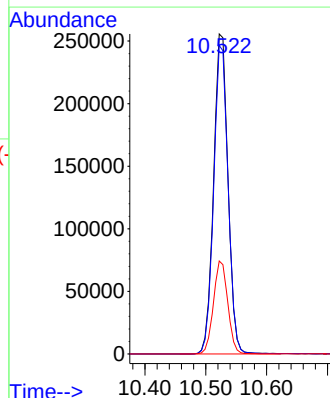
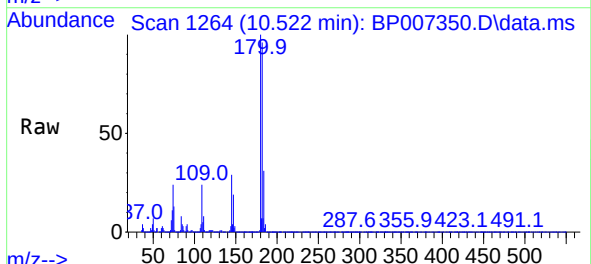
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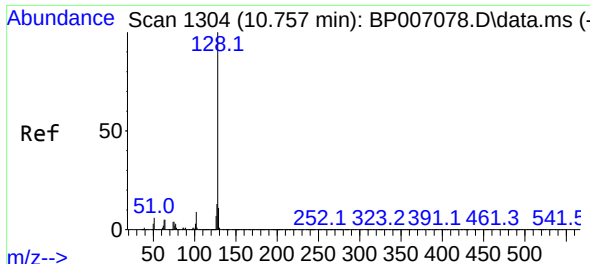
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#30  
1,2,4-Trichlorobenzene  
Concen: 41.66 ng  
RT: 10.522 min Scan# 1264  
Delta R.T. -0.006 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32

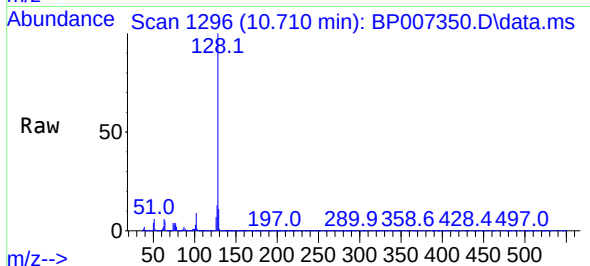
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 419320 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 96.4  | 77.9  | 116.9  |
| 145       | 29.1  | 24.7  | 37.1   |





#31  
Naphthalene  
Concen: 42.31 ng  
RT: 10.710 min Scan# 1296  
Delta R.T. -0.006 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32

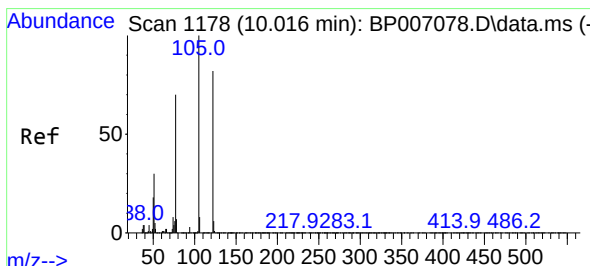
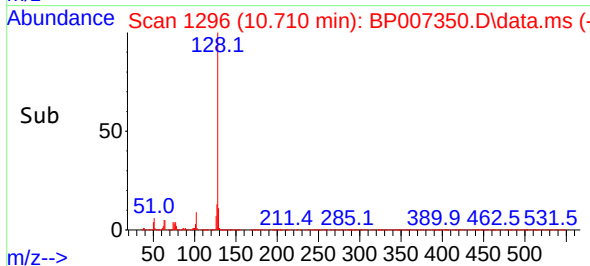
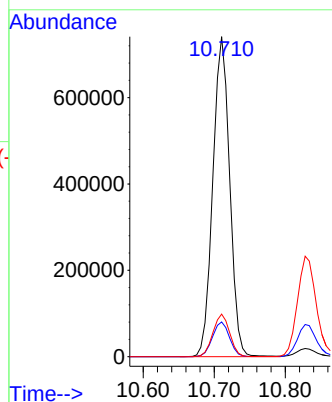
Instrument :  
BNA\_P  
ClientSampleId :  
PB139627BS



Tgt Ion:128 Resp: 1216760  
Ion Ratio Lower Upper  
128 100  
129 10.9 9.0 13.6  
127 13.3 10.7 16.1

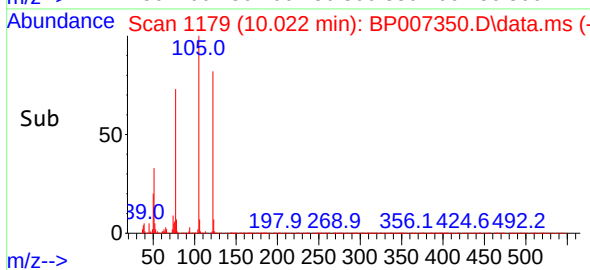
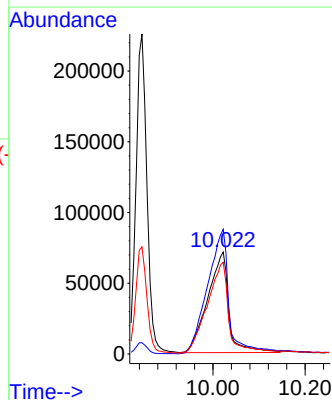
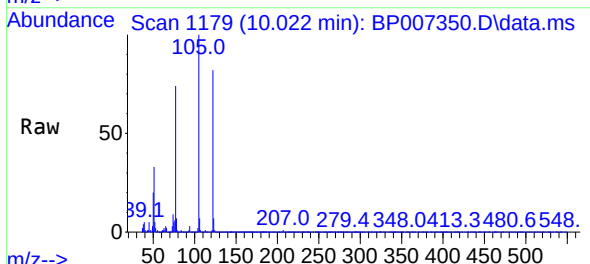
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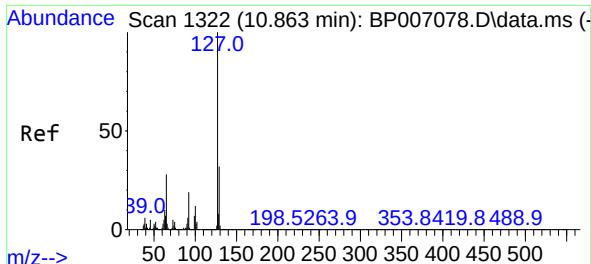
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#32  
Benzoic acid  
Concen: 38.97 ng  
RT: 10.022 min Scan# 1179  
Delta R.T. 0.000 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32

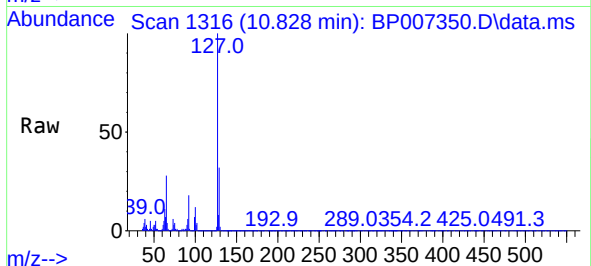
Tgt Ion:122 Resp: 226816  
Ion Ratio Lower Upper  
122 100  
105 122.3 103.2 143.2  
77 90.0 76.2 116.2





#33  
4-Chloroaniline  
Concen: 36.59 ng  
RT: 10.828 min Scan# 1316  
Delta R.T. -0.006 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32

Instrument :  
BNA\_P  
ClientSampleId :  
PB139627BS

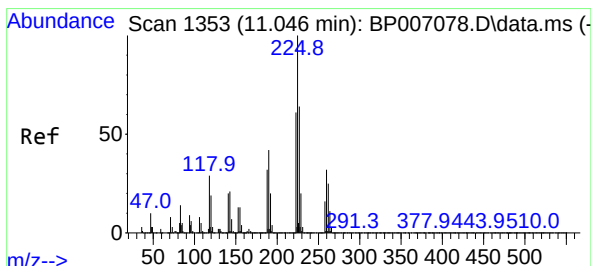
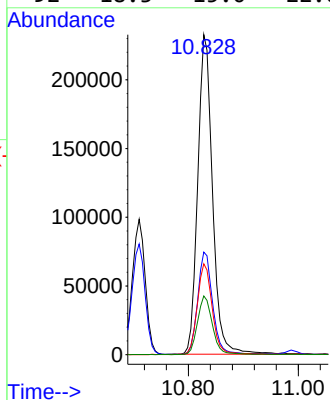
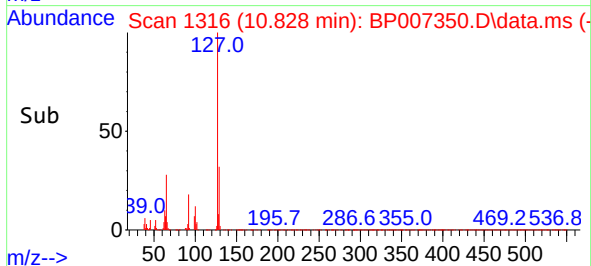


Tgt Ion:127 Resp: 434729

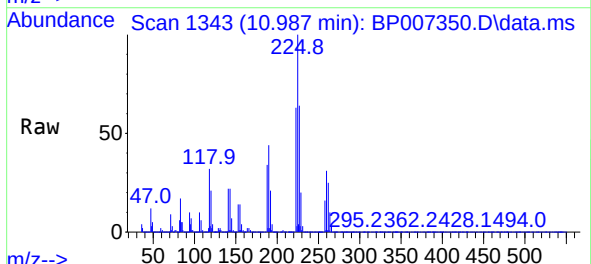
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 127 | 100   |       |       |
| 129 | 32.0  | 26.1  | 39.1  |
| 65  | 28.4  | 22.5  | 33.7  |
| 92  | 18.3  | 15.0  | 22.6  |

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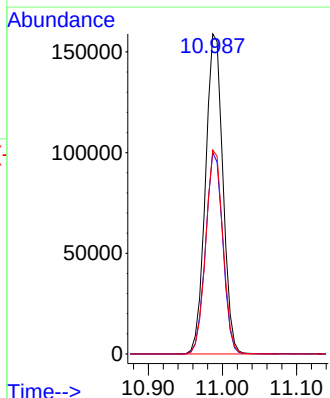
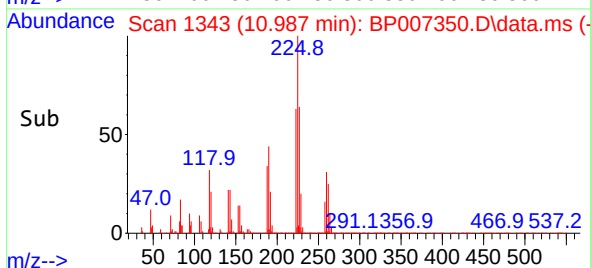


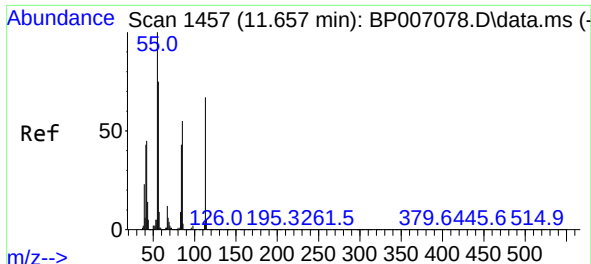
#34  
Hexachlorobutadiene  
Concen: 42.84 ng  
RT: 10.987 min Scan# 1343  
Delta R.T. -0.011 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32



Tgt Ion:225 Resp: 258139

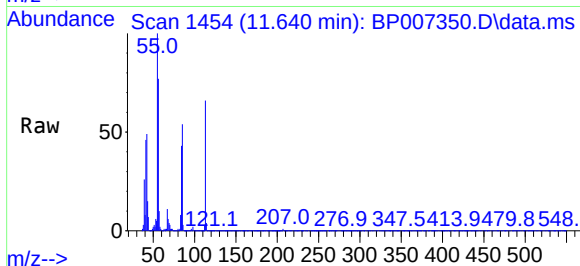
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 225 | 100   |       |       |
| 223 | 63.0  | 51.0  | 76.6  |
| 227 | 63.8  | 51.4  | 77.2  |





#35  
Caprolactam  
Concen: 45.85 ng  
RT: 11.640 min Scan# 1454  
Delta R.T. 0.000 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32

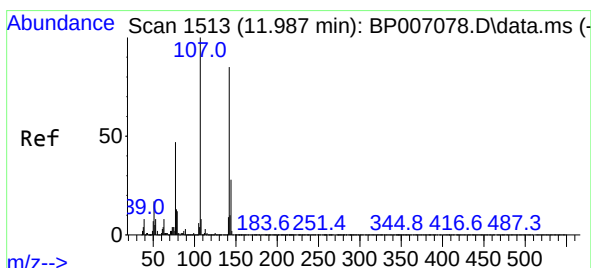
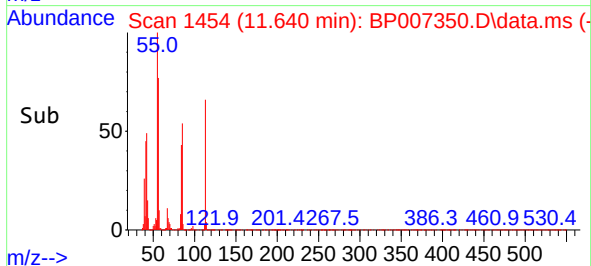
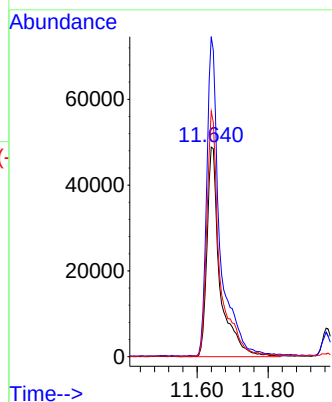
Instrument :  
BNA\_P  
ClientSampleId :  
PB139627BS



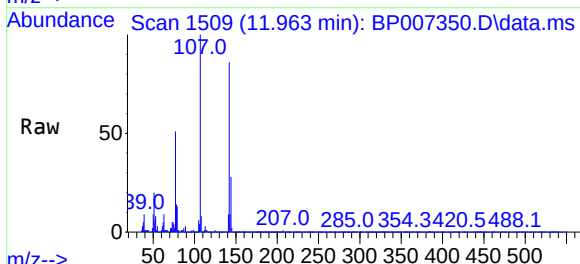
Tgt Ion:113 Resp: 124618  
Ion Ratio Lower Upper  
113 100  
55 152.7 98.9 138.9#  
56 117.1 71.7 111.7#

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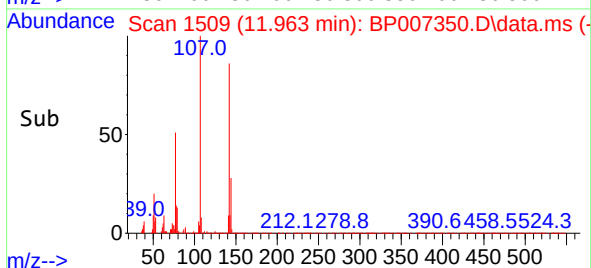
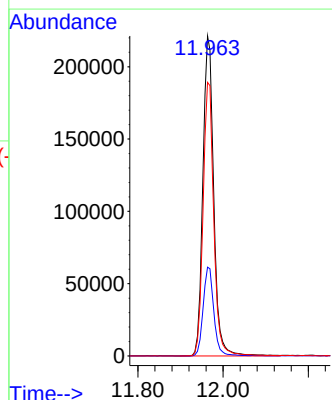
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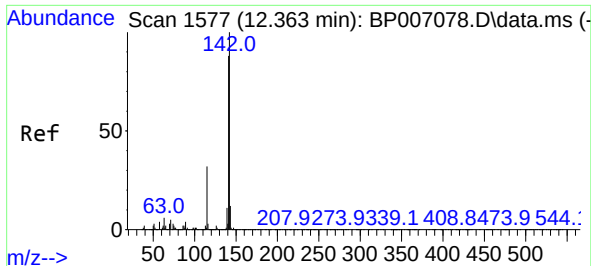


#36  
4-Chloro-3-methylphenol  
Concen: 43.43 ng  
RT: 11.963 min Scan# 1509  
Delta R.T. -0.006 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32



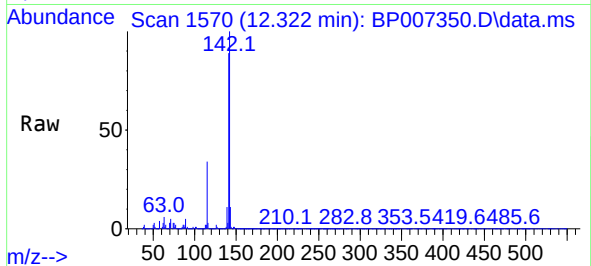
Tgt Ion:107 Resp: 389958  
Ion Ratio Lower Upper  
107 100  
144 27.7 21.1 31.7  
142 85.5 66.0 99.0





#37  
2-Methylnaphthalene  
Concen: 43.41 ng  
RT: 12.322 min Scan# 1570  
Delta R.T. -0.006 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32

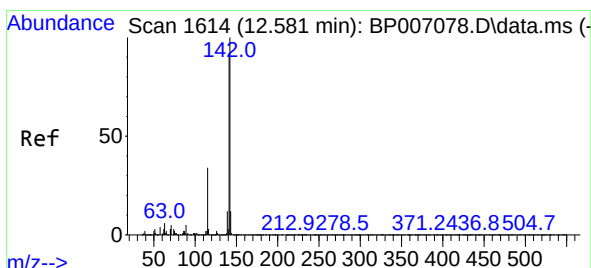
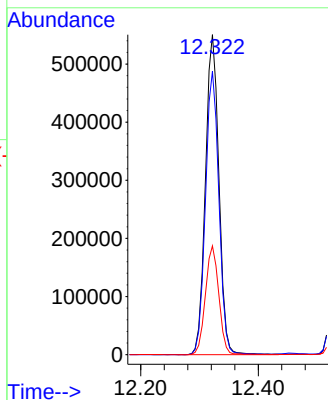
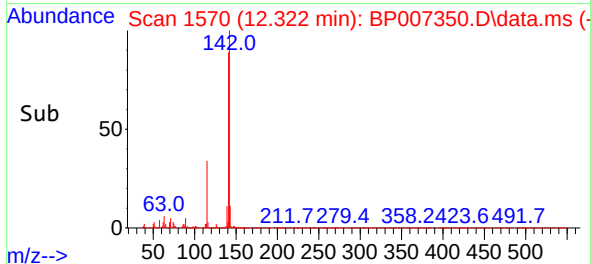
Instrument :  
BNA\_P  
ClientSampleId :  
PB139627BS



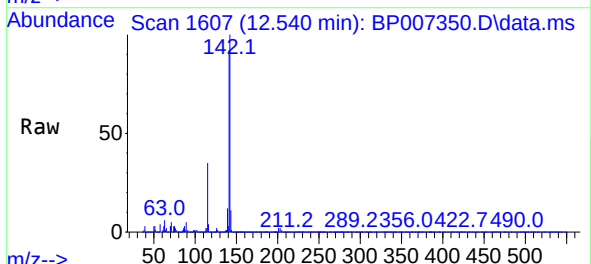
Tgt Ion:142 Resp: 874086  
Ion Ratio Lower Upper  
142 100  
141 88.6 71.8 107.6  
115 34.0 31.6 47.4

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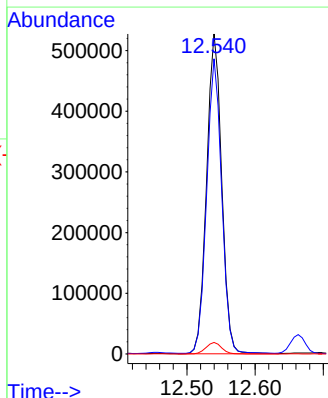
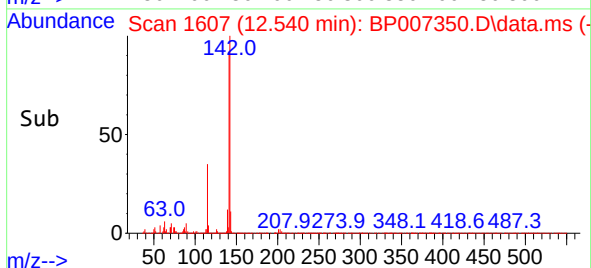
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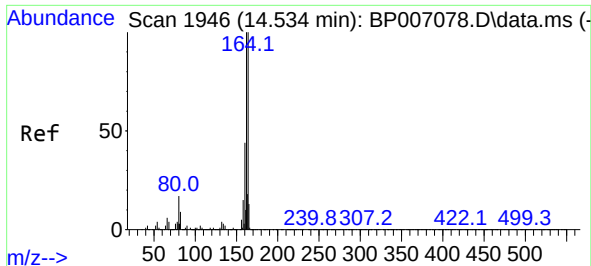


#38  
1-Methylnaphthalene  
Concen: 41.18 ng  
RT: 12.540 min Scan# 1607  
Delta R.T. -0.006 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32



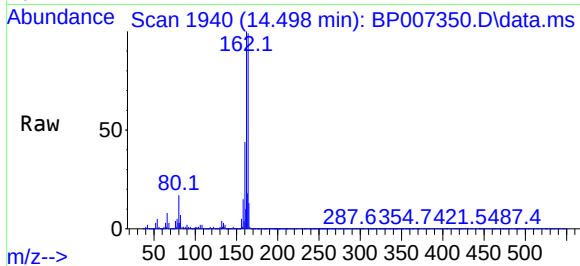
Tgt Ion:142 Resp: 810083  
Ion Ratio Lower Upper  
142 100  
141 92.3 73.3 109.9  
116 3.6 3.5 5.3





#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.498 min Scan# 1940  
Delta R.T. 0.000 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32

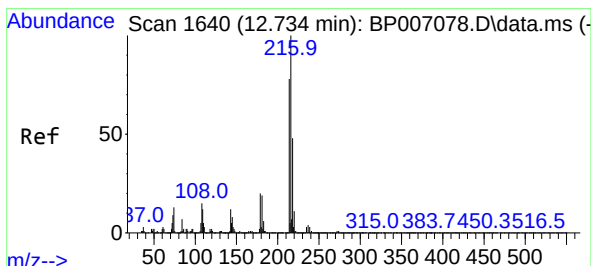
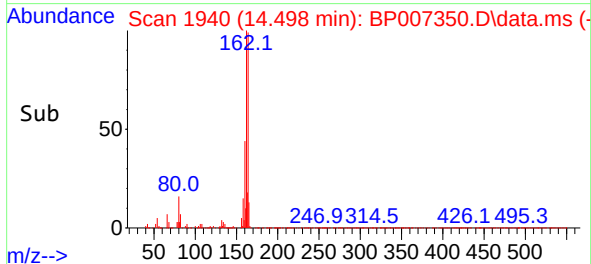
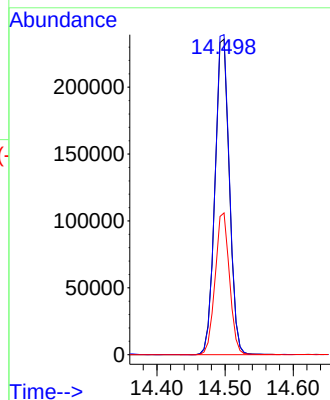
Instrument :  
BNA\_P  
ClientSampleId :  
PB139627BS



Tgt Ion:164 Resp: 347050  
Ion Ratio Lower Upper  
164 100  
162 101.4 80.2 120.2  
160 44.9 34.5 51.7

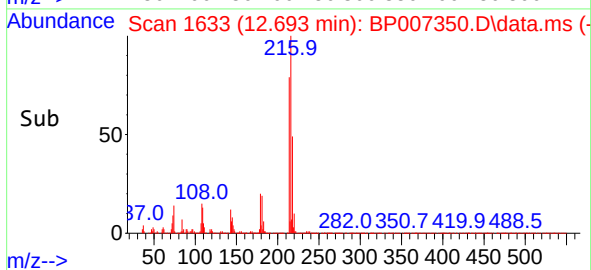
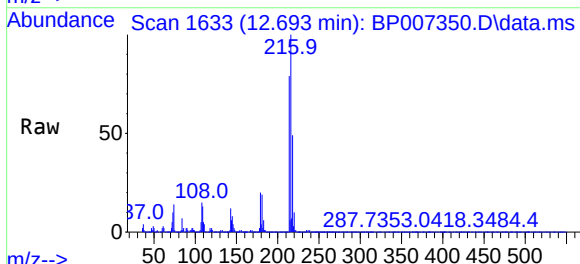
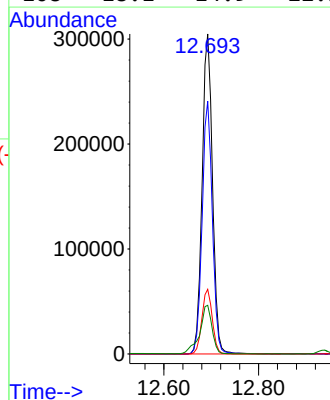
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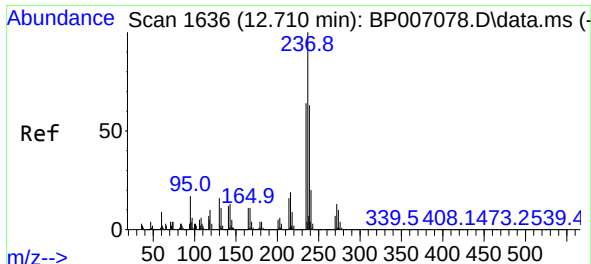
mohammad  
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#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 43.62 ng  
RT: 12.693 min Scan# 1633  
Delta R.T. -0.006 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32

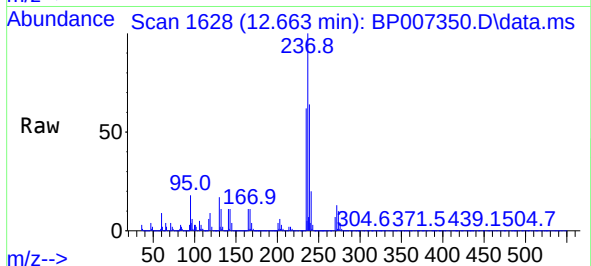
Tgt Ion:216 Resp: 463546  
Ion Ratio Lower Upper  
216 100  
214 78.1 61.9 92.9  
179 20.2 16.8 25.2  
108 18.1 14.9 22.3





#41  
Hexachlorocyclopentadiene  
Concen: 69.71 ng  
RT: 12.663 min Scan# 1628  
Delta R.T. -0.006 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32

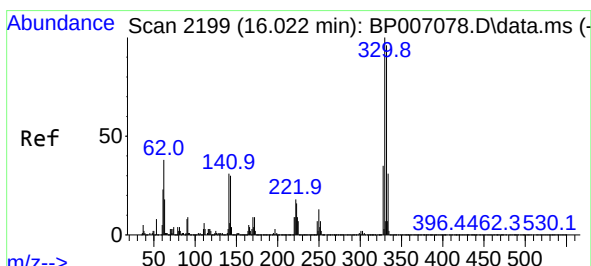
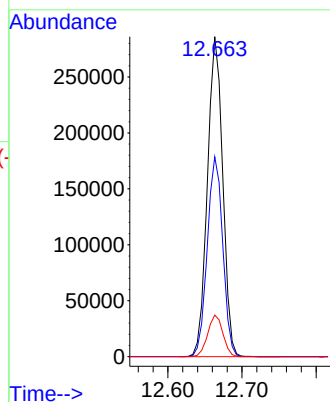
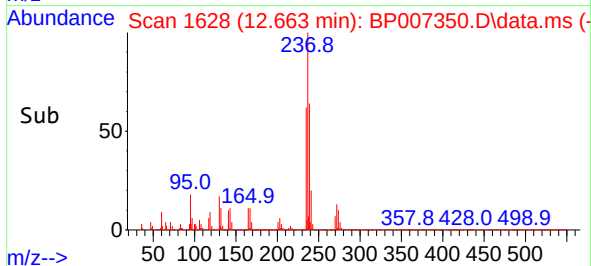
Instrument :  
BNA\_P  
ClientSampleId :  
PB139627BS



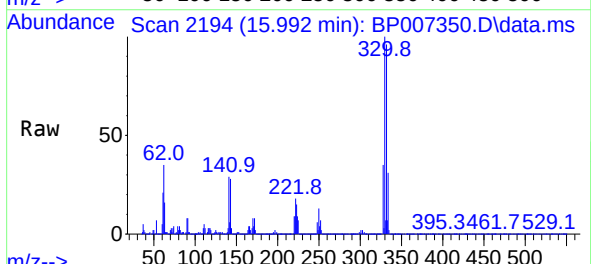
Tgt Ion:237 Resp: 410637  
Ion Ratio Lower Upper  
237 100  
235 62.5 44.5 84.5  
272 13.0 0.0 32.5

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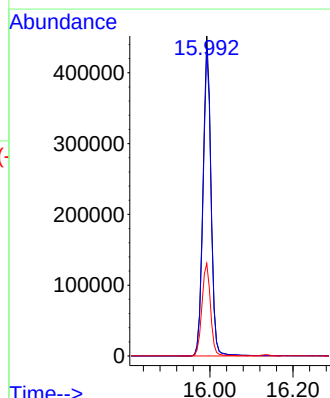
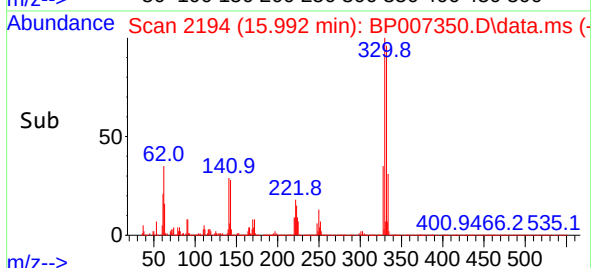
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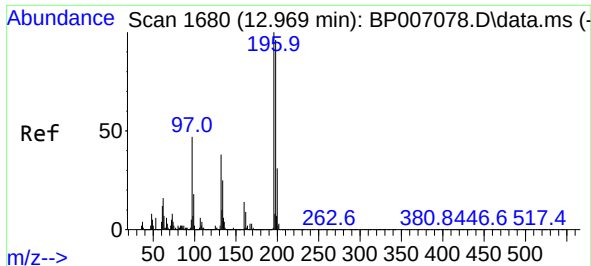
#42  
2,4,6-Tribromophenol  
Concen: 133.75 ng  
RT: 15.992 min Scan# 2194  
Delta R.T. -0.006 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32



Tgt Ion:330 Resp: 601772  
Ion Ratio Lower Upper  
330 100  
332 95.9 77.8 116.8  
141 31.2 25.4 38.2







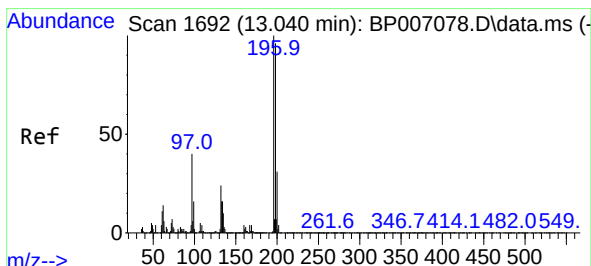
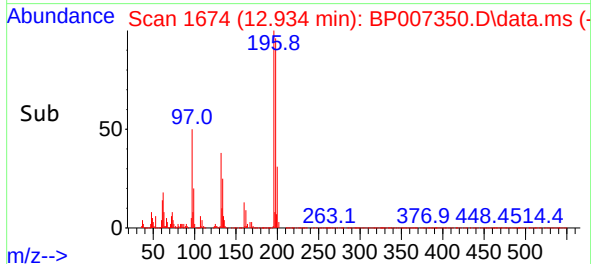
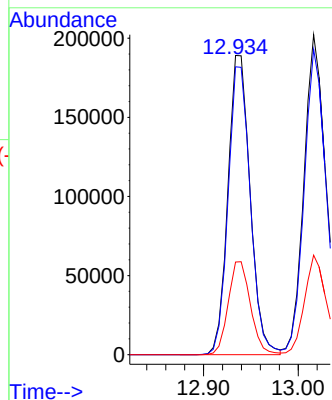
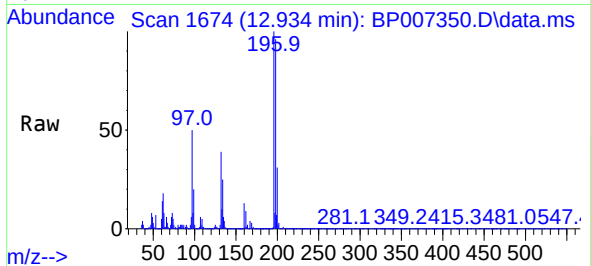
#43  
2,4,6-Trichlorophenol  
Concen: 42.52 ng  
RT: 12.934 min Scan# 1674  
Delta R.T. -0.006 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32

Instrument :  
BNA\_P  
ClientSampleID :  
PB139627BS

Tgt Ion:196 Resp: 308360  
Ion Ratio Lower Upper  
196 100  
198 96.2 79.5 119.3  
200 31.0 25.0 37.6

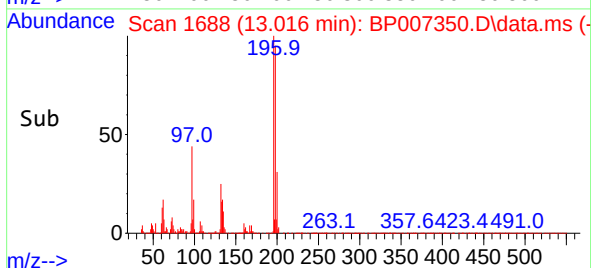
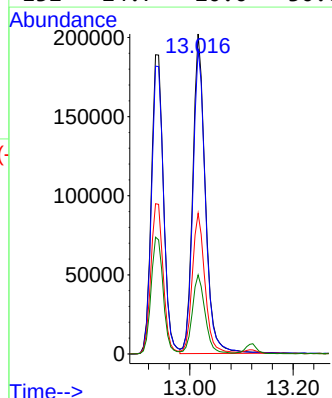
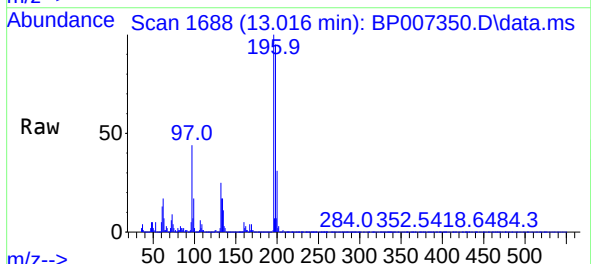
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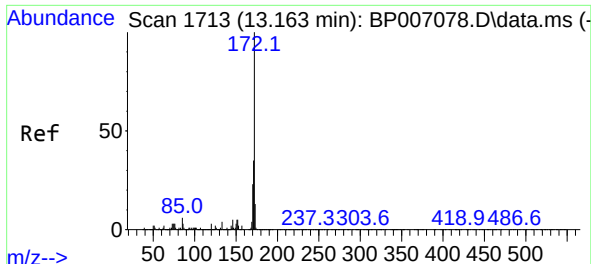
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#44  
2,4,5-Trichlorophenol  
Concen: 43.77 ng  
RT: 13.016 min Scan# 1688  
Delta R.T. -0.006 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32

Tgt Ion:196 Resp: 341789  
Ion Ratio Lower Upper  
196 100  
198 95.4 74.7 112.1  
97 43.9 37.4 56.0  
132 24.7 20.0 30.0



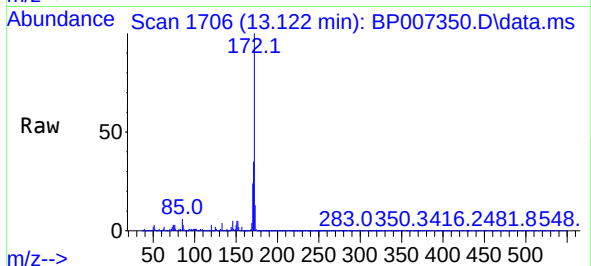


#45  
2-Fluorobiphenyl  
Concen: 84.52 ng  
RT: 13.122 min Scan# 1706  
Delta R.T. -0.006 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32

Instrument :  
BNA\_P  
ClientSampleId :  
PB139627BS

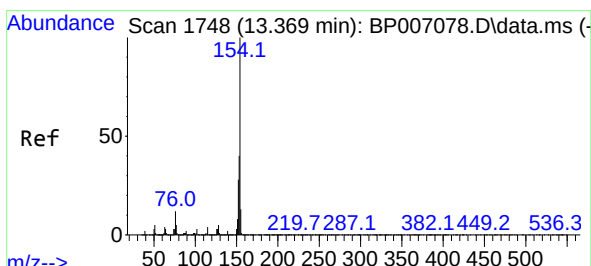
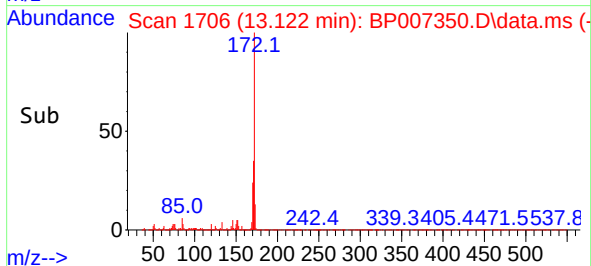
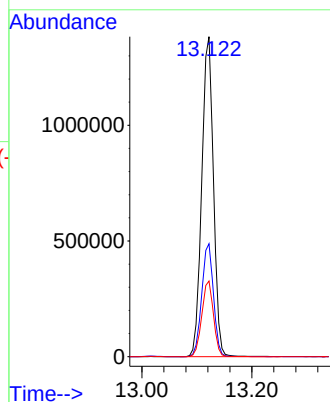
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Tgt Ion:172 Resp: 2047369

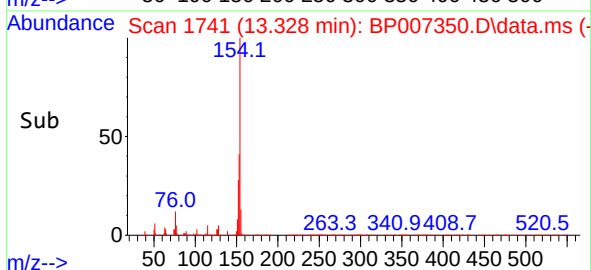
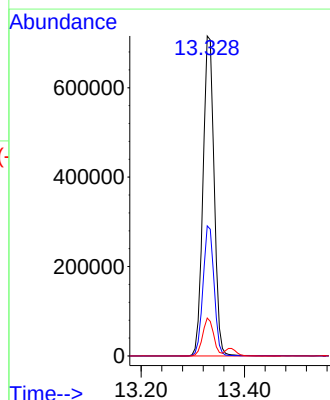
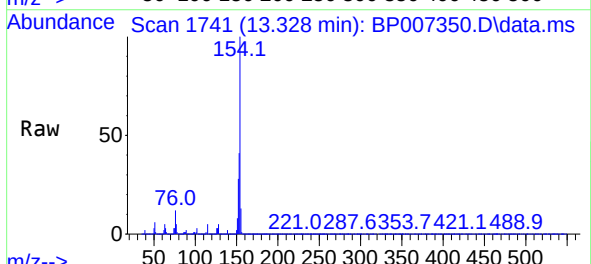
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 35.3  | 27.9  | 41.9  |
| 170 | 23.7  | 18.6  | 27.8  |

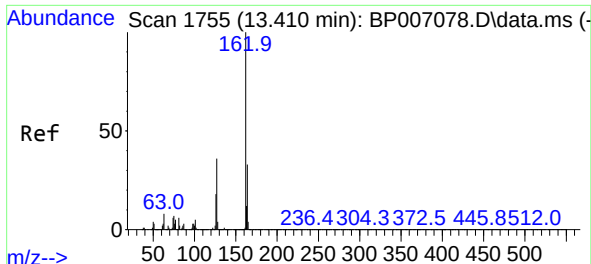


#46  
1,1'-Biphenyl  
Concen: 41.52 ng  
RT: 13.328 min Scan# 1741  
Delta R.T. -0.011 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32

Tgt Ion:154 Resp: 1071770

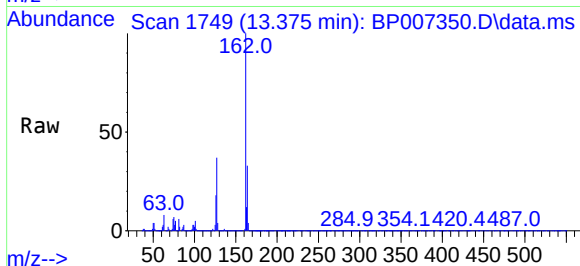
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 40.6  | 20.4  | 60.4  |
| 76  | 11.9  | 0.0   | 30.8  |





#47  
2-Chloronaphthalene  
Concen: 42.94 ng  
RT: 13.375 min Scan# 1749  
Delta R.T. -0.006 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32

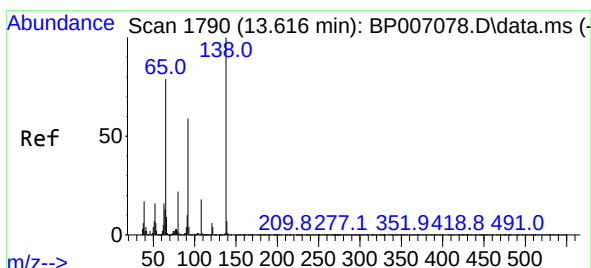
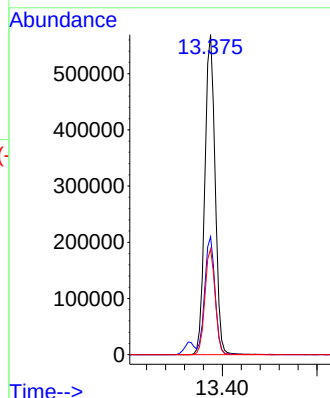
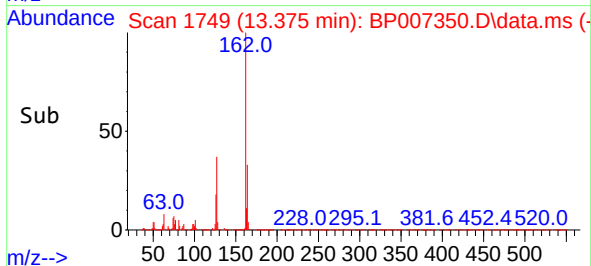
Instrument :  
BNA\_P  
ClientSampleId :  
PB139627BS



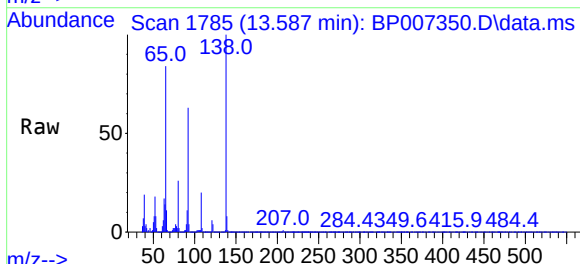
Tgt Ion:162 Resp: 858627  
Ion Ratio Lower Upper  
162 100  
127 36.8 31.4 47.0  
164 33.0 26.6 39.8

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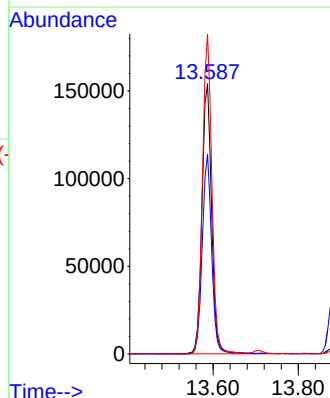
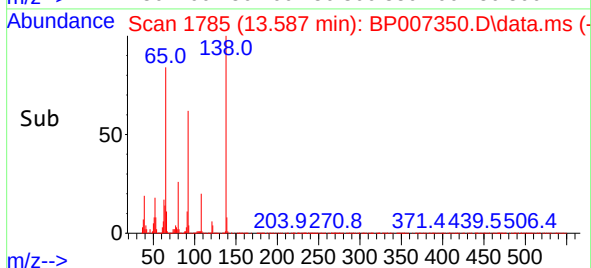
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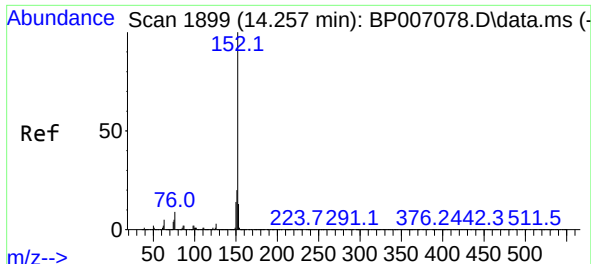


#48  
2-Nitroaniline  
Concen: 49.79 ng  
RT: 13.587 min Scan# 1785  
Delta R.T. 0.000 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32



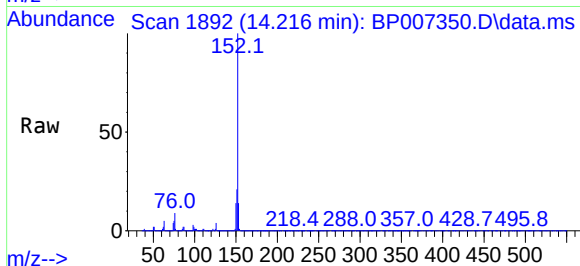
Tgt Ion: 65 Resp: 242735  
Ion Ratio Lower Upper  
65 100  
92 74.0 57.7 86.5  
138 118.4 92.1 138.1





#49  
Acenaphthylene  
Concen: 43.96 ng  
RT: 14.216 min Scan# 1892  
Delta R.T. -0.006 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32

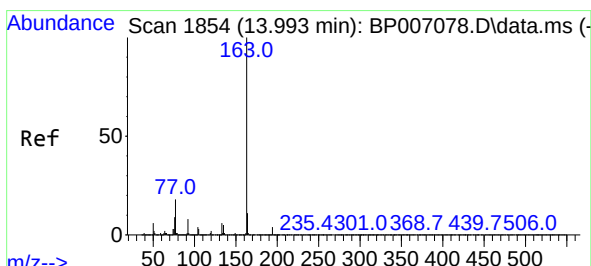
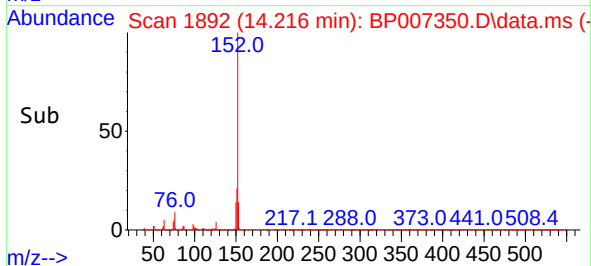
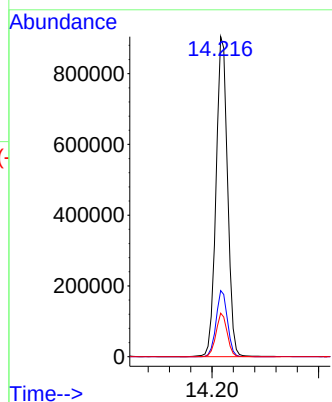
Instrument :  
BNA\_P  
ClientSampleId :  
PB139627BS



Tgt Ion:152 Resp: 1353930  
Ion Ratio Lower Upper  
152 100  
151 20.6 16.2 24.2  
153 13.6 10.6 16.0

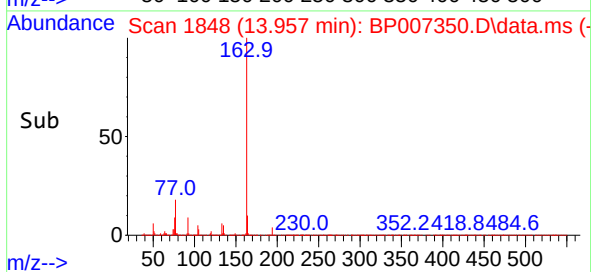
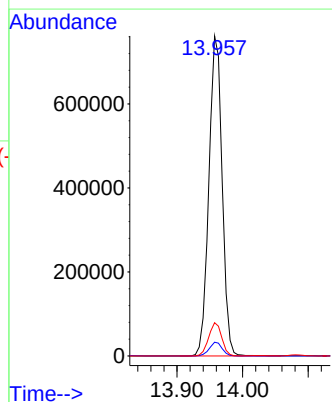
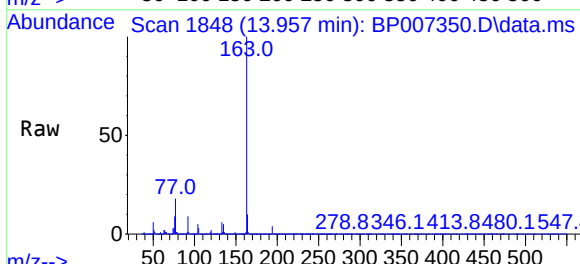
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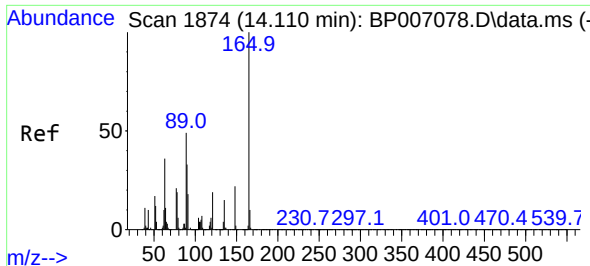
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#50  
Dimethylphthalate  
Concen: 42.94 ng  
RT: 13.957 min Scan# 1848  
Delta R.T. -0.006 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32

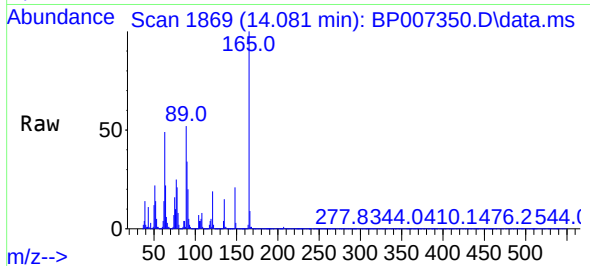
Tgt Ion:163 Resp: 1071798  
Ion Ratio Lower Upper  
163 100  
194 4.3 3.4 5.2  
164 10.4 8.2 12.2





#51  
2,6-Dinitrotoluene  
Concen: 46.38 ng  
RT: 14.081 min Scan# 1869  
Delta R.T. 0.000 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32

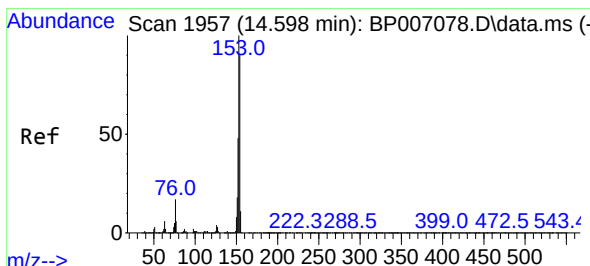
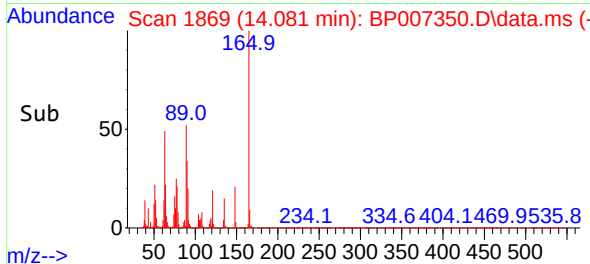
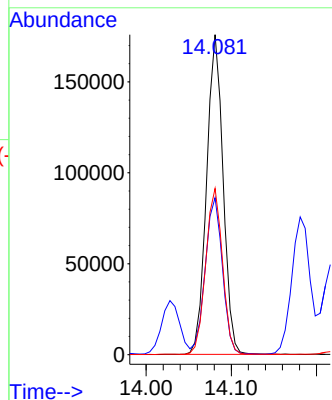
Instrument :  
BNA\_P  
ClientSampleId :  
PB139627BS



Tgt Ion:165 Resp: 236480  
Ion Ratio Lower Upper  
165 100  
63 49.1 41.3 61.9  
89 51.9 44.8 67.2

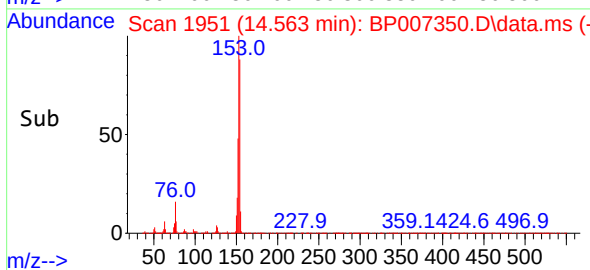
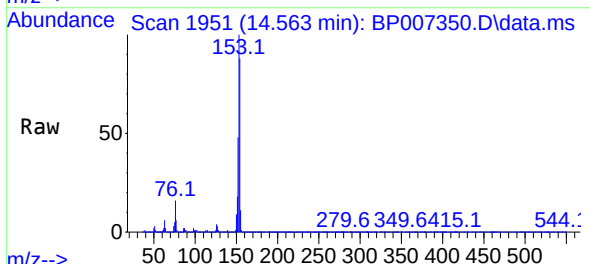
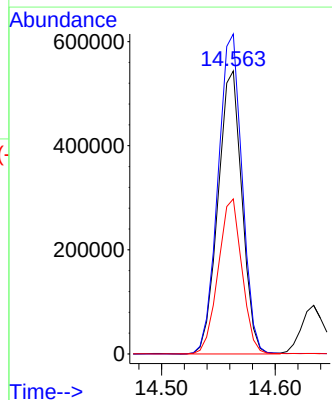
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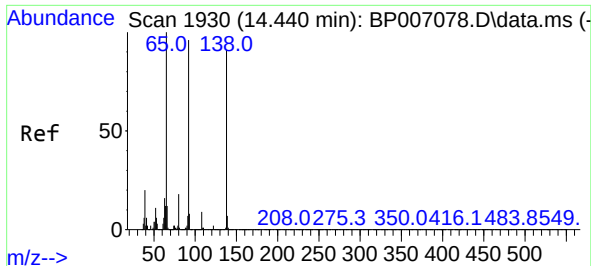
mohammad  
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#52  
Acenaphthene  
Concen: 42.76 ng  
RT: 14.563 min Scan# 1951  
Delta R.T. 0.000 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32

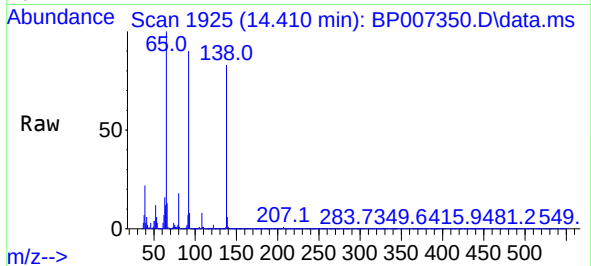
Tgt Ion:154 Resp: 797869  
Ion Ratio Lower Upper  
154 100  
153 113.0 89.4 134.2  
152 54.8 43.0 64.4





#53  
3-Nitroaniline  
Concen: 39.87 ng  
RT: 14.410 min Scan# 1925  
Delta R.T. -0.006 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32

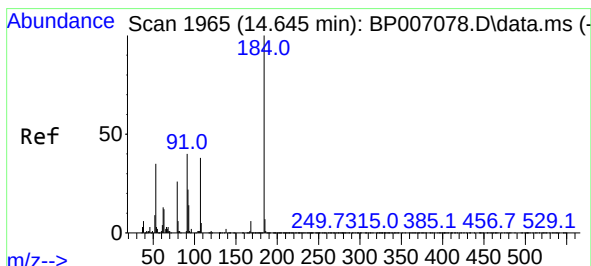
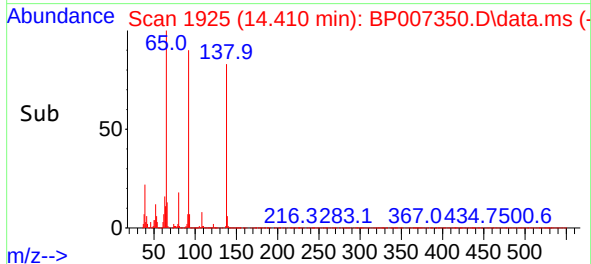
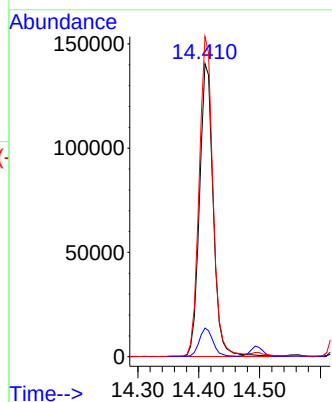
Instrument :  
BNA\_P  
ClientSampleId :  
PB139627BS



Tgt Ion:138 Resp: 219783  
Ion Ratio Lower Upper  
138 100  
108 9.8 8.4 12.6  
92 109.2 87.8 131.8

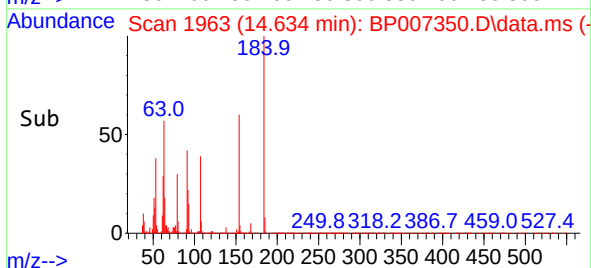
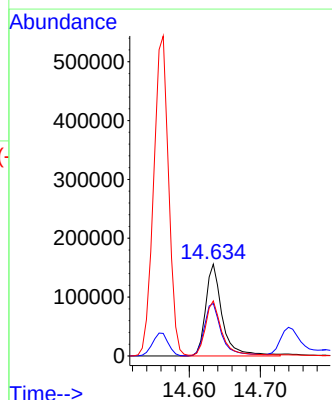
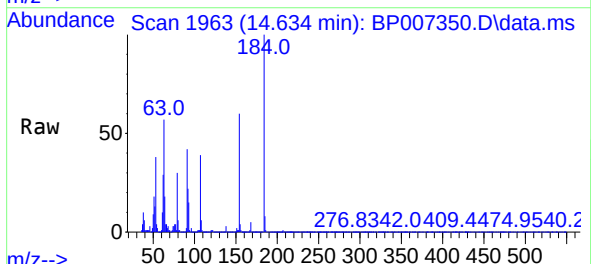
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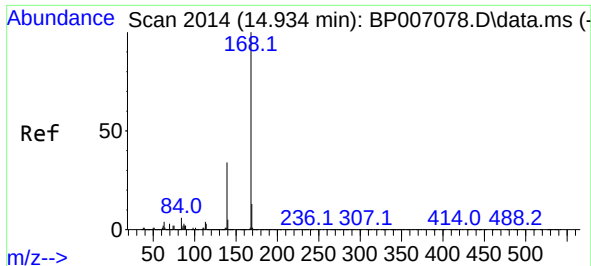
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#54  
2,4-Dinitrophenol  
Concen: 86.02 ng  
RT: 14.634 min Scan# 1963  
Delta R.T. 0.006 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32

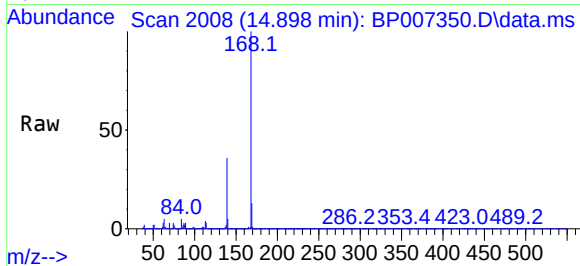
Tgt Ion:184 Resp: 252646  
Ion Ratio Lower Upper  
184 100  
63 57.1 47.0 70.6  
154 59.9 52.3 78.5





#55  
Dibenzofuran  
Concen: 41.41 ng  
RT: 14.898 min Scan# 2008  
Delta R.T. 0.000 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32

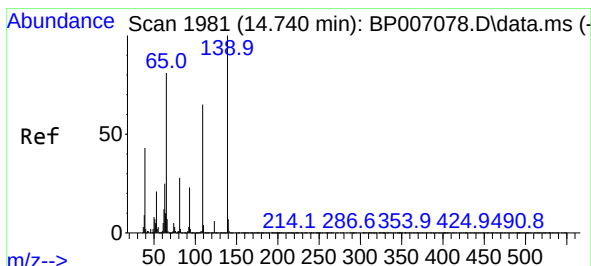
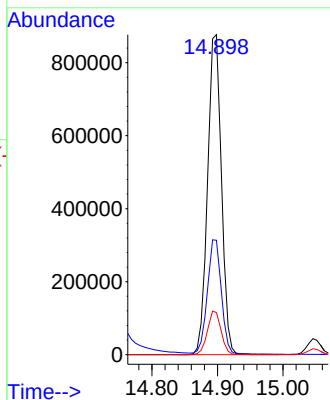
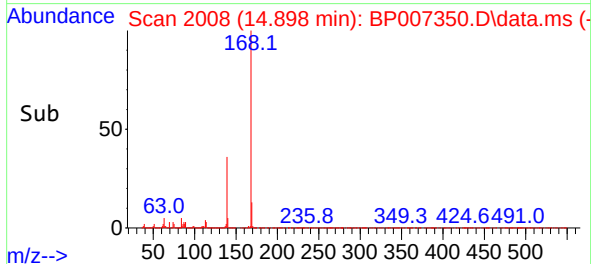
Instrument :  
BNA\_P  
ClientSampleId :  
PB139627BS



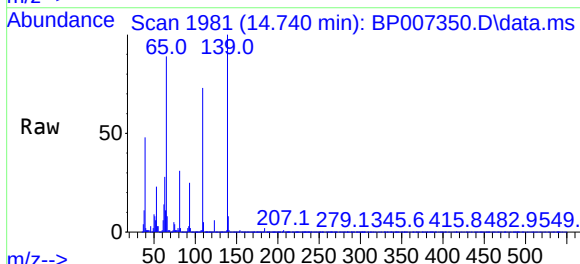
Tgt Ion:168 Resp: 1289350  
Ion Ratio Lower Upper  
168 100  
139 35.7 31.0 46.6  
169 13.2 10.8 16.2

Manual Integrations  
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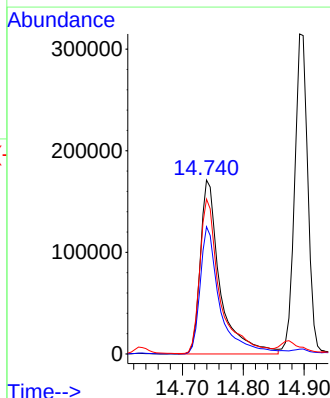
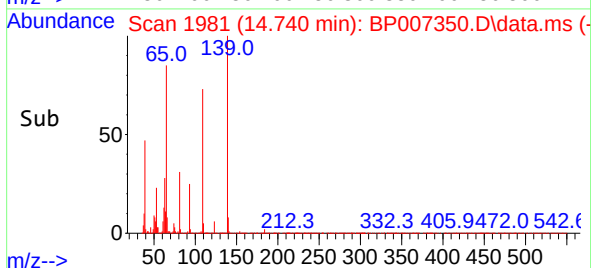
mohammad  
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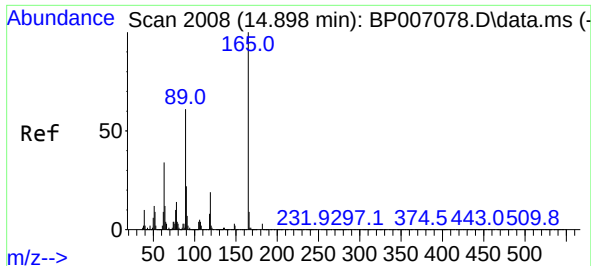


#56  
4-Nitrophenol  
Concen: 86.44 ng  
RT: 14.740 min Scan# 1981  
Delta R.T. 0.000 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32



Tgt Ion:139 Resp: 386853  
Ion Ratio Lower Upper  
139 100  
109 73.1 72.3 112.3  
65 89.0 72.5 112.5





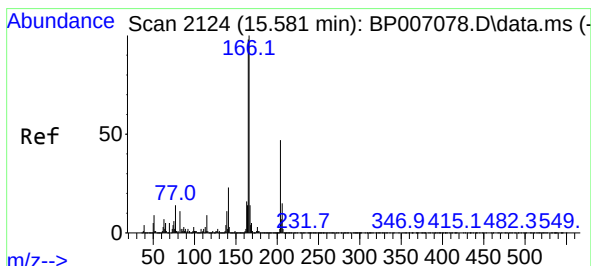
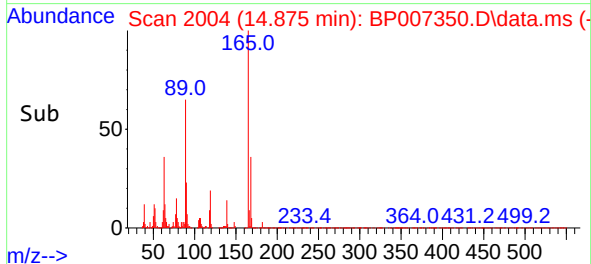
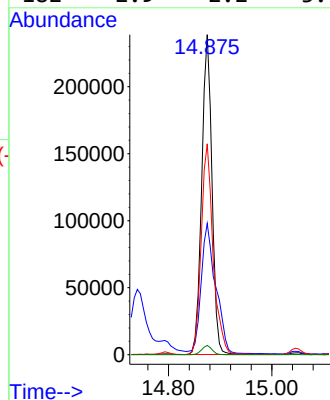
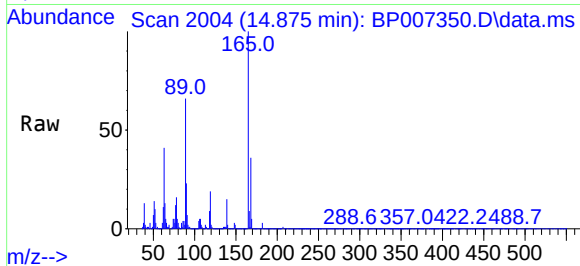
#57  
2,4-Dinitrotoluene  
Concen: 48.93 ng  
RT: 14.875 min Scan# 2004  
Delta R.T. 0.000 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32

Tgt Ion:165 Resp: 329189  
Ion Ratio Lower Upper  
165 100  
63 41.0 32.3 48.5  
89 65.9 55.9 83.9  
182 2.9 2.2 3.4

Instrument :  
BNA\_P  
ClientSampleId :  
PB139627BS

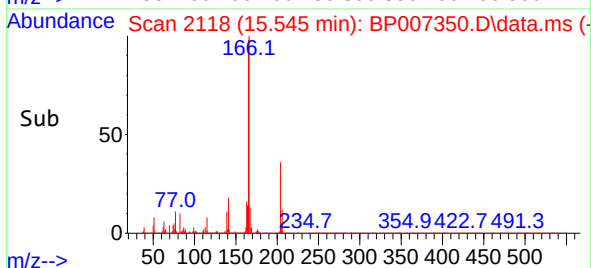
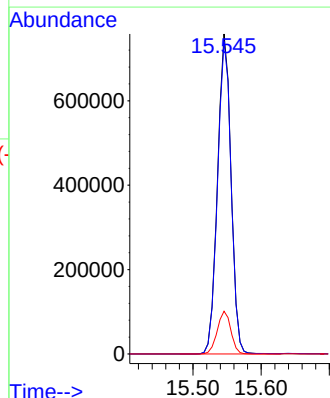
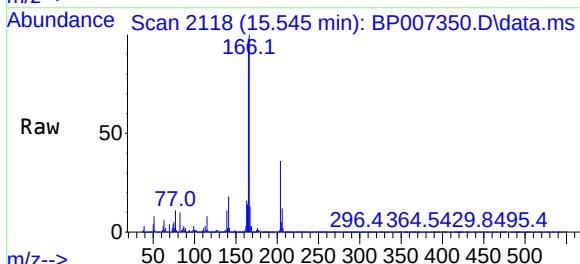
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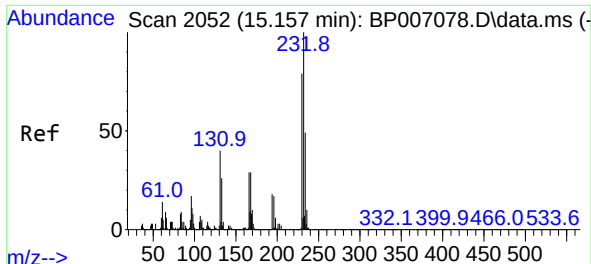


#58  
Fluorene  
Concen: 43.48 ng  
RT: 15.545 min Scan# 2118  
Delta R.T. -0.006 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32

Tgt Ion:166 Resp: 1045805  
Ion Ratio Lower Upper  
166 100  
165 97.6 78.0 117.0  
167 13.3 10.5 15.7

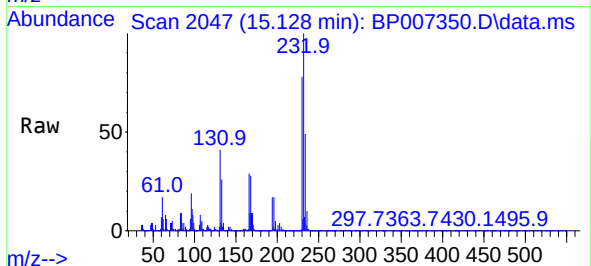






#59  
2,3,4,6-Tetrachlorophenol  
Concen: 42.42 ng m  
RT: 15.128 min Scan# 2047  
Delta R.T. -0.006 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32

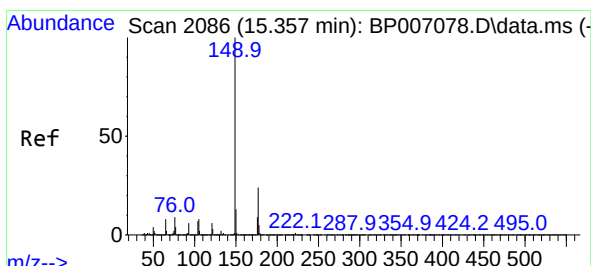
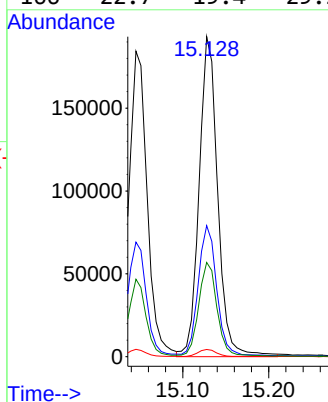
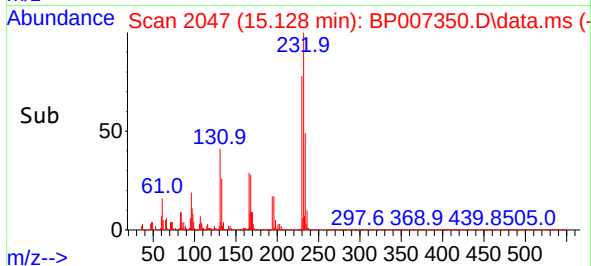
Instrument :  
BNA\_P  
ClientSampleId :  
PB139627BS



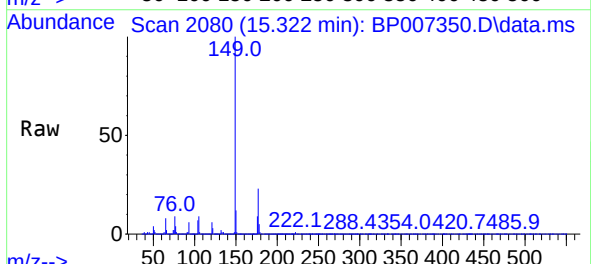
Tgt Ion:232 Resp: 290890  
Ion Ratio Lower Upper  
232 100  
131 35.6 32.2 48.4  
130 2.2 2.0 3.0  
166 22.7 19.4 29.2

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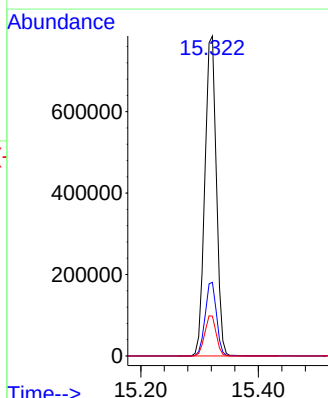
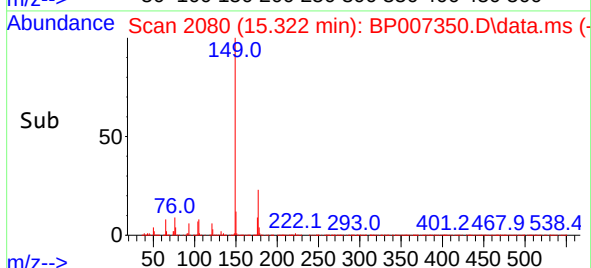
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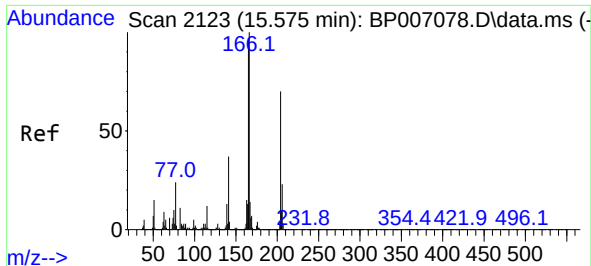


#60  
Diethylphthalate  
Concen: 43.93 ng  
RT: 15.322 min Scan# 2080  
Delta R.T. 0.000 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32



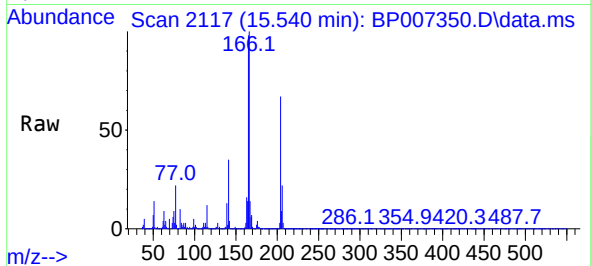
Tgt Ion:149 Resp: 1062447  
Ion Ratio Lower Upper  
149 100  
177 23.0 17.5 26.3  
150 12.4 9.9 14.9





#61  
4-Chlorophenyl-phenylether  
Concen: 41.86 ng  
RT: 15.540 min Scan# 2117  
Delta R.T. -0.006 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32

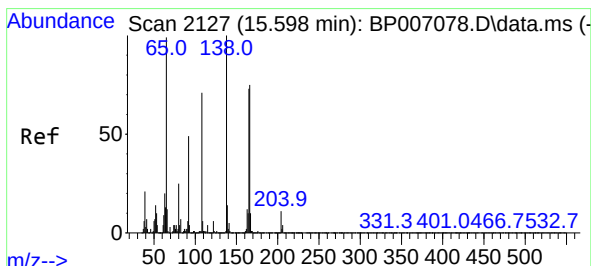
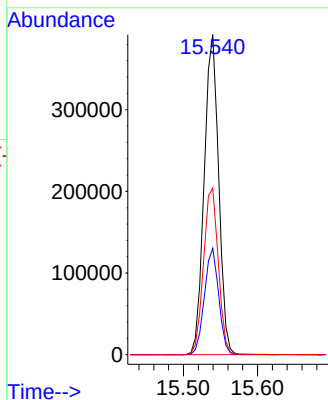
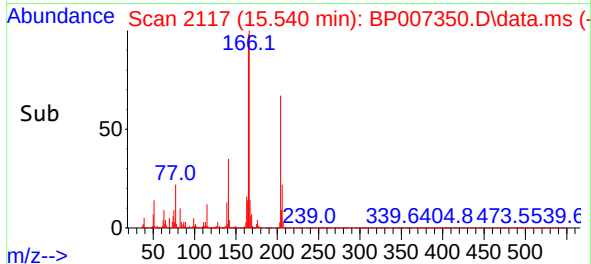
Instrument :  
BNA\_P  
ClientSampleId :  
PB139627BS



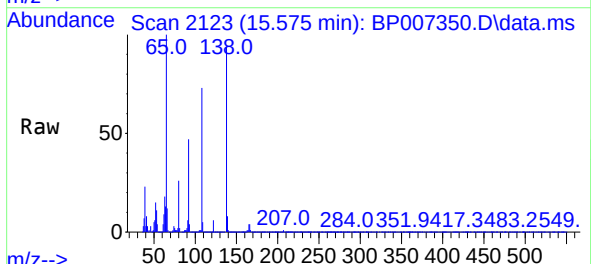
Tgt Ion:204 Resp: 532016  
Ion Ratio Lower Upper  
204 100  
206 33.2 26.6 40.0  
141 52.1 48.6 73.0

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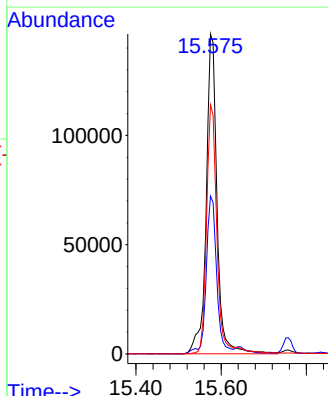
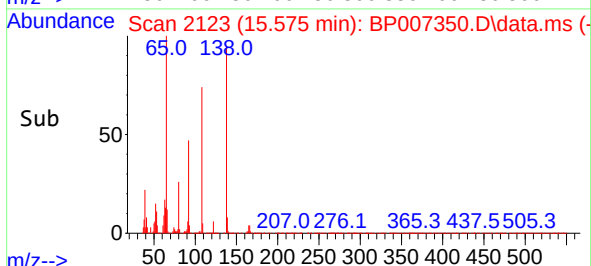
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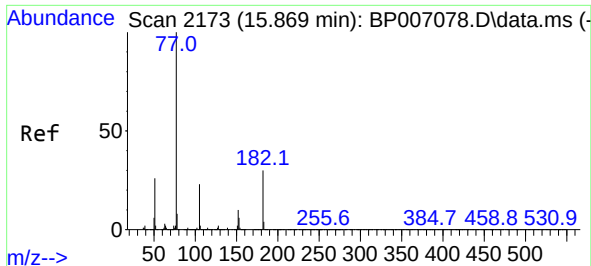


#62  
4-Nitroaniline  
Concen: 46.64 ng  
RT: 15.575 min Scan# 2123  
Delta R.T. -0.006 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32



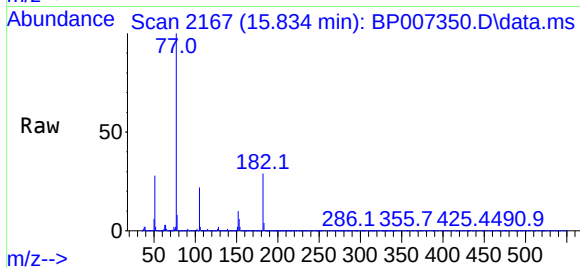
Tgt Ion:138 Resp: 258608  
Ion Ratio Lower Upper  
138 100  
92 49.4 31.2 71.2  
108 77.9 78.6 118.6#





#63  
Azobenzene  
Concen: 44.74 ng  
RT: 15.834 min Scan# 2167  
Delta R.T. -0.006 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32

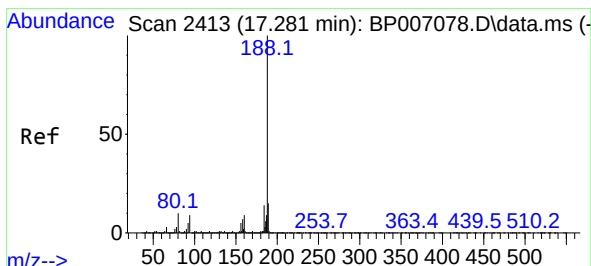
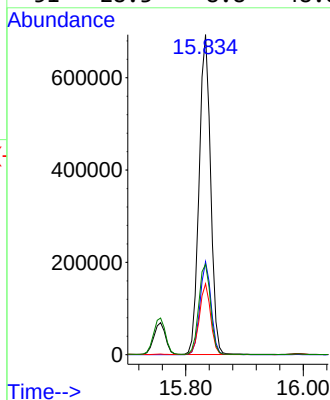
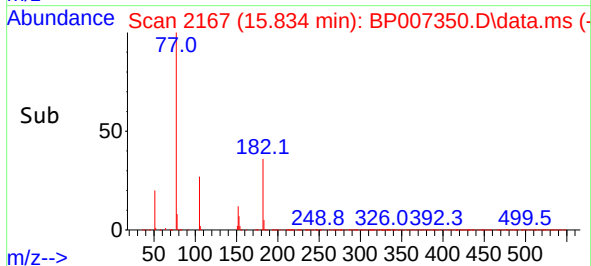
Instrument :  
BNA\_P  
ClientSampleId :  
PB139627BS



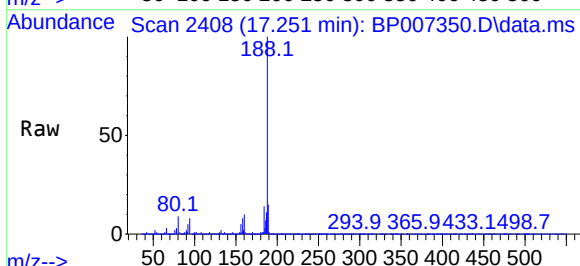
Tgt Ion: 77 Resp: 937655  
Ion Ratio Lower Upper  
77 100  
182 29.1 6.0 46.0  
105 22.2 0.0 38.8  
51 28.3 8.8 48.8

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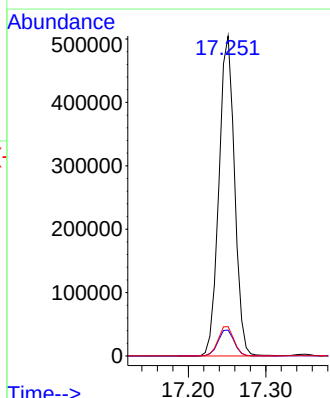
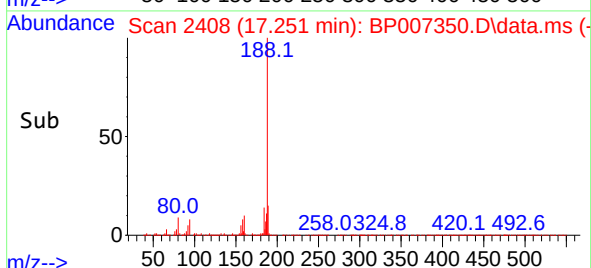
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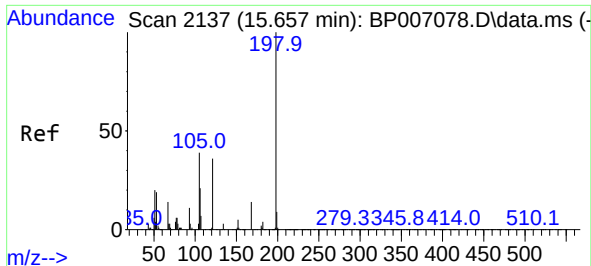


#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.251 min Scan# 2408  
Delta R.T. 0.000 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32



Tgt Ion: 188 Resp: 709500  
Ion Ratio Lower Upper  
188 100  
94 8.1 5.6 8.4  
80 9.1 6.3 9.5





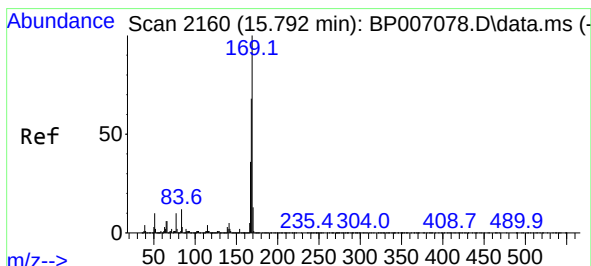
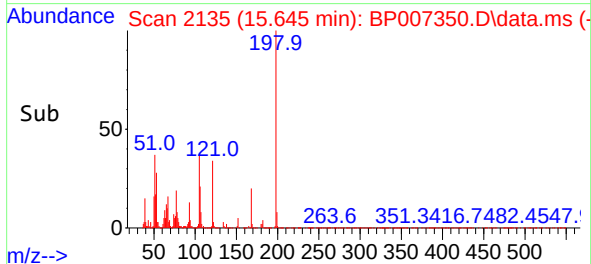
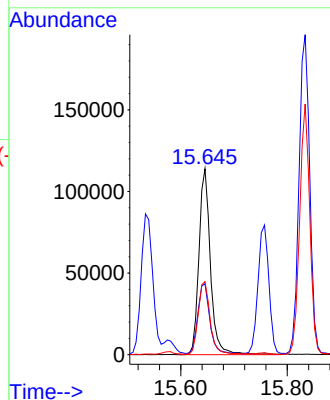
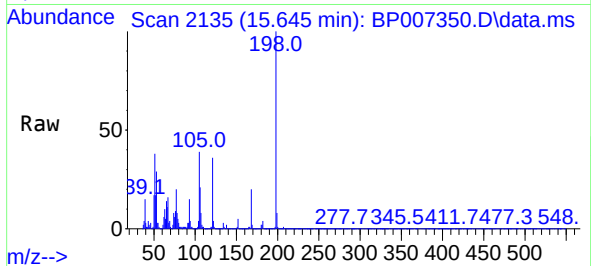
#65  
4,6-Dinitro-2-methylphenol  
Concen: 40.10 ng  
RT: 15.645 min Scan# 2135  
Delta R.T. 0.006 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32

Tgt Ion:198 Resp: 170751  
Ion Ratio Lower Upper  
198 100  
51 38.1 14.0 54.0  
105 39.3 19.5 59.5

Instrument :  
BNA\_P  
ClientSampleId :  
PB139627BS

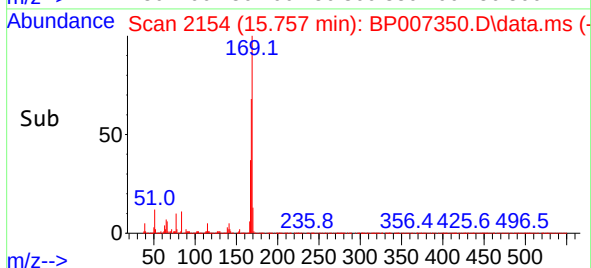
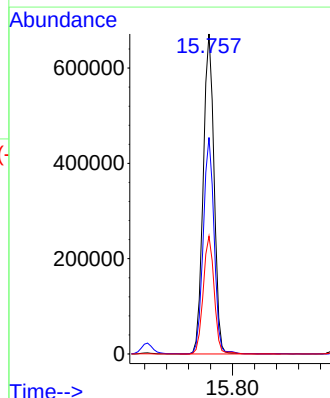
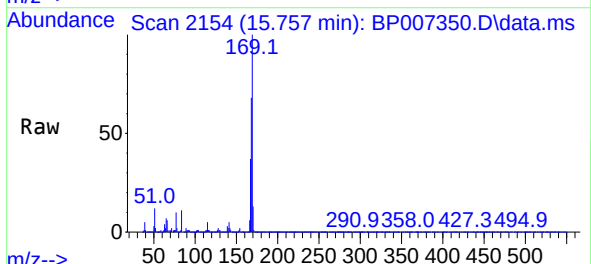
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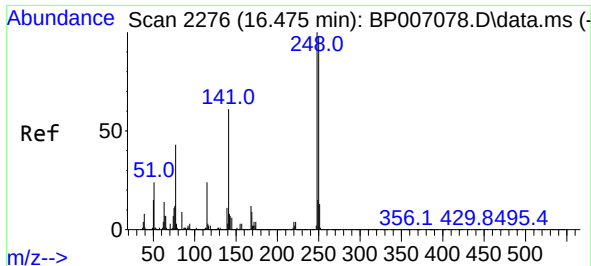
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#66  
n-Nitrosodiphenylamine  
Concen: 43.46 ng  
RT: 15.757 min Scan# 2154  
Delta R.T. -0.006 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32

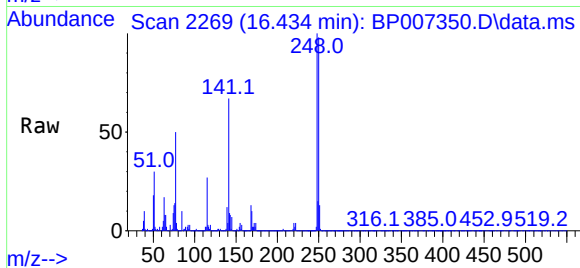
Tgt Ion:169 Resp: 917545  
Ion Ratio Lower Upper  
169 100  
168 67.6 54.4 81.6  
167 36.8 29.0 43.6





#67  
4-Bromophenyl-phenylether  
Concen: 42.52 ng  
RT: 16.434 min Scan# 2269  
Delta R.T. -0.006 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32

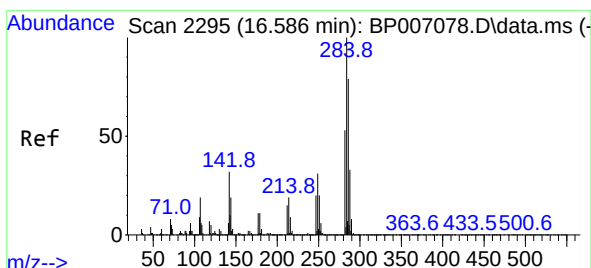
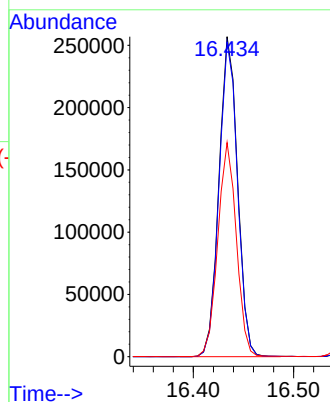
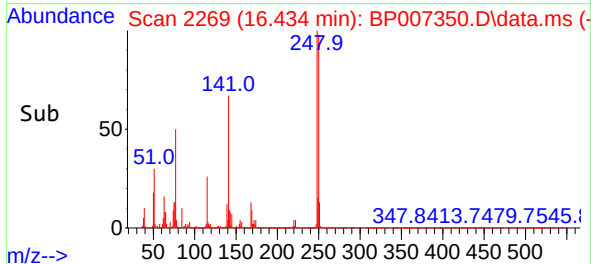
Instrument :  
BNA\_P  
ClientSampleId :  
PB139627BS



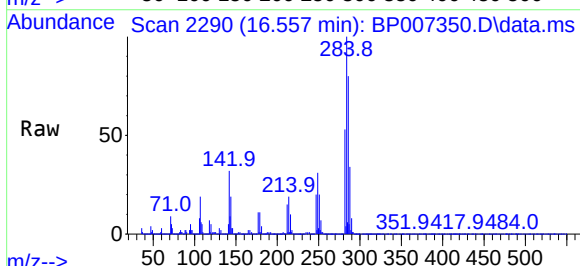
Tgt Ion:248 Resp: 330662  
Ion Ratio Lower Upper  
248 100  
250 98.3 79.8 119.8  
141 66.9 57.8 86.6

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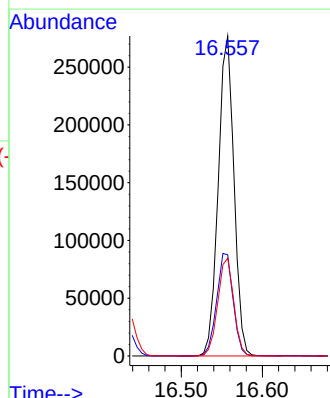
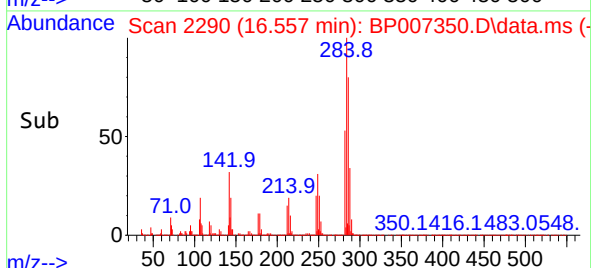
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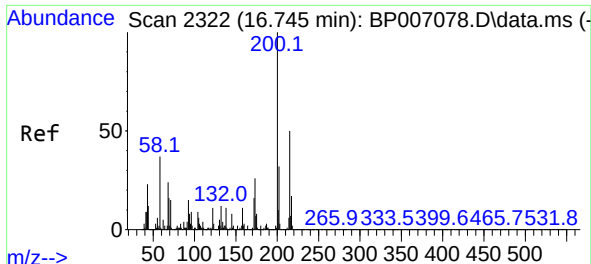


#68  
Hexachlorobenzene  
Concen: 43.49 ng  
RT: 16.557 min Scan# 2290  
Delta R.T. 0.000 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32

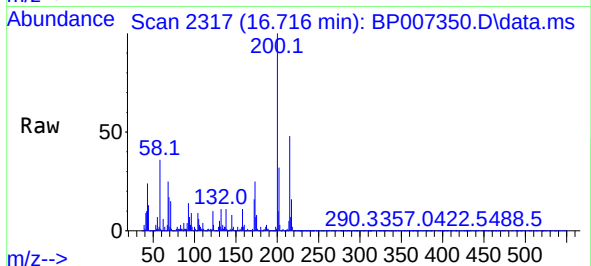


Tgt Ion:284 Resp: 373764  
Ion Ratio Lower Upper  
284 100  
142 31.6 26.9 40.3  
249 30.5 24.5 36.7

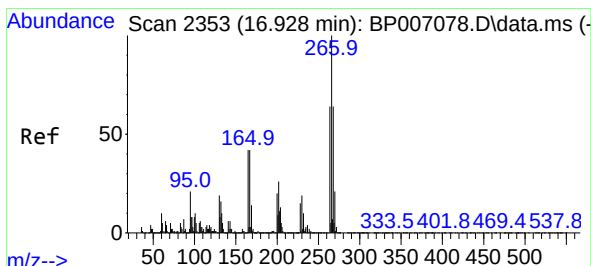
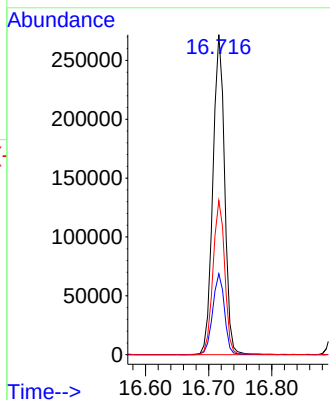
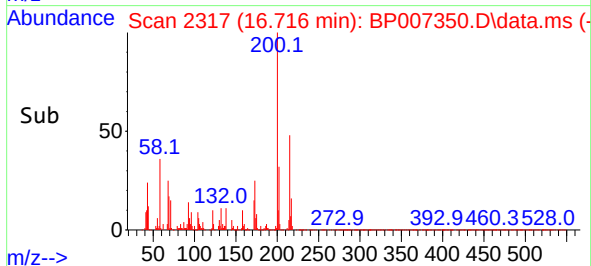




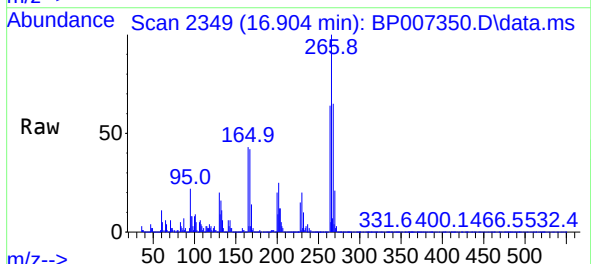
#69  
Atrazine  
Concen: 47.04 ng  
RT: 16.716 min Scan# 2317  
Delta R.T. -0.006 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32



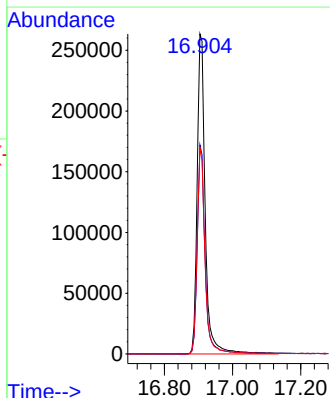
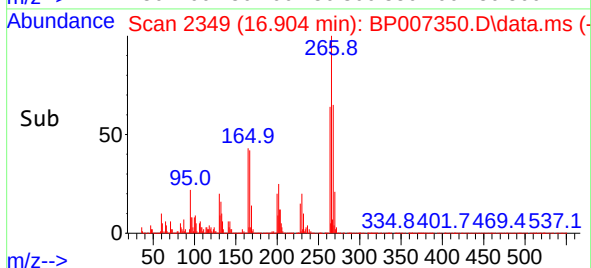
Tgt Ion:200 Resp: 350031  
Ion Ratio Lower Upper  
200 100  
173 25.3 4.1 44.1  
215 48.1 27.7 67.7



#70  
Pentachlorophenol  
Concen: 81.05 ng  
RT: 16.904 min Scan# 2349  
Delta R.T. -0.006 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32



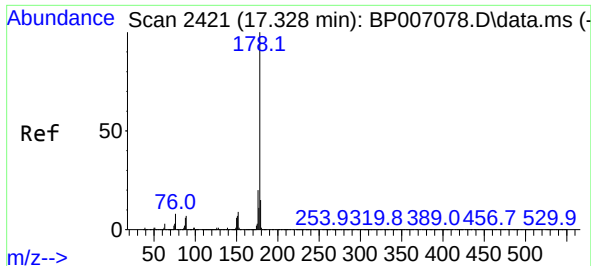
Tgt Ion:266 Resp: 432548  
Ion Ratio Lower Upper  
266 100  
268 65.3 51.6 77.4  
264 64.4 50.3 75.5



Instrument :  
BNA\_P  
ClientSampleId :  
PB139627BS

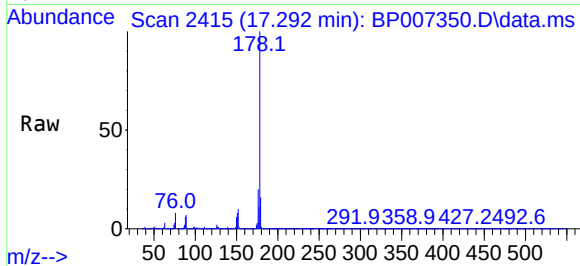
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#71  
Phenanthrene  
Concen: 43.50 ng  
RT: 17.292 min Scan# 2415  
Delta R.T. -0.006 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32

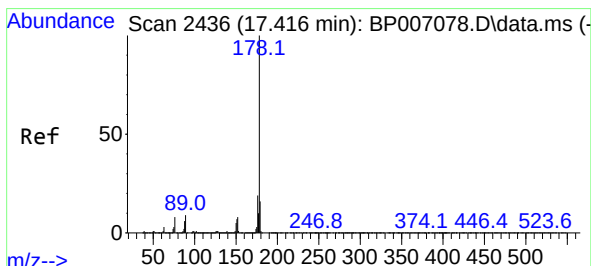
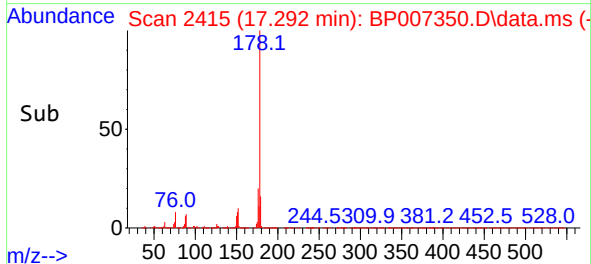
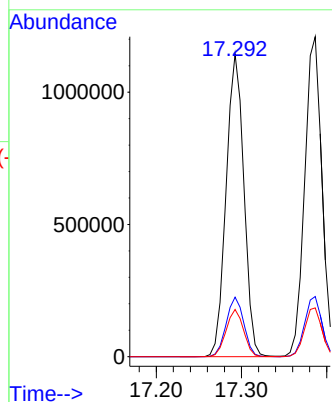
Instrument :  
BNA\_P  
ClientSampleId :  
PB139627BS



Tgt Ion:178 Resp: 1654681  
Ion Ratio Lower Upper  
178 100  
176 19.7 15.1 22.7  
179 15.6 12.4 18.6

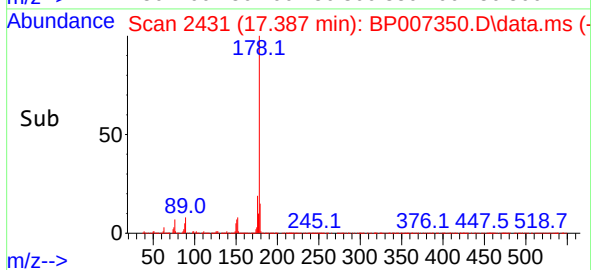
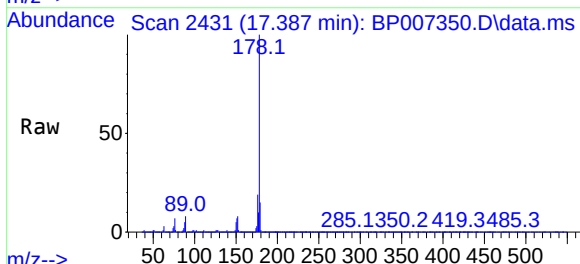
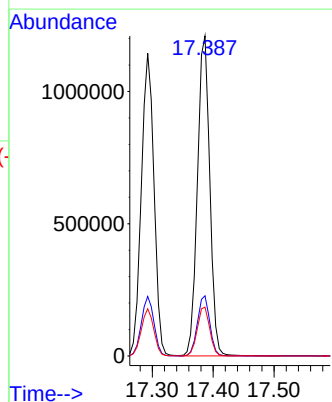
Manual Integrations  
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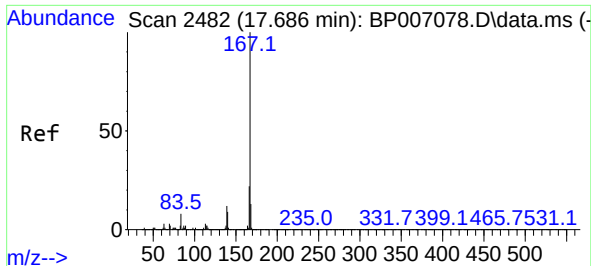
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#72  
Anthracene  
Concen: 45.79 ng  
RT: 17.387 min Scan# 2431  
Delta R.T. 0.000 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32

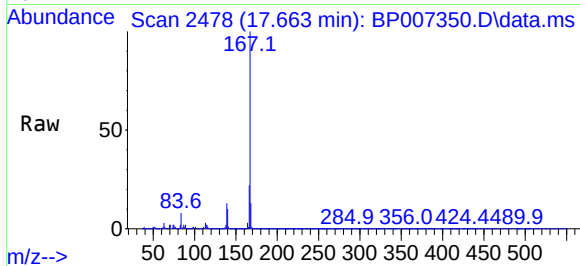
Tgt Ion:178 Resp: 1704262  
Ion Ratio Lower Upper  
178 100  
176 18.8 14.9 22.3  
179 15.3 12.2 18.2





#73  
Carbazole  
Concen: 42.78 ng  
RT: 17.663 min Scan# 2478  
Delta R.T. 0.000 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32

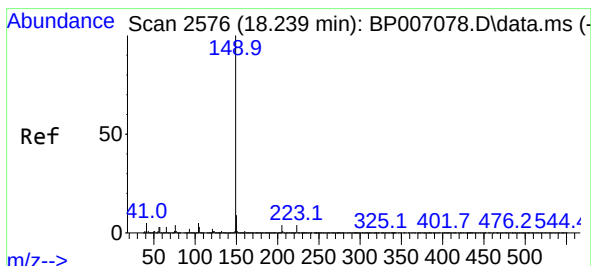
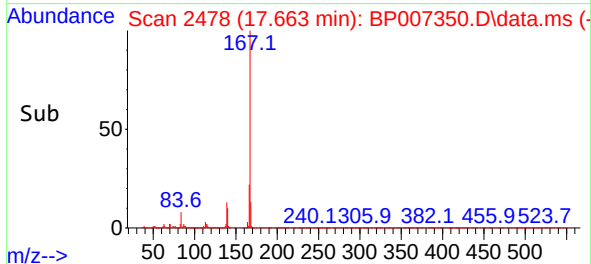
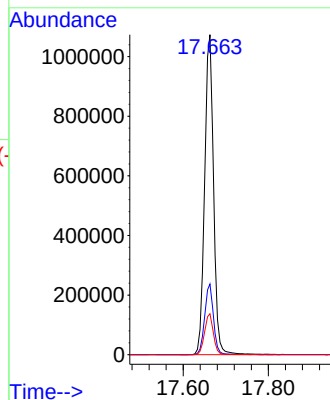
Instrument :  
BNA\_P  
ClientSampleId :  
PB139627BS



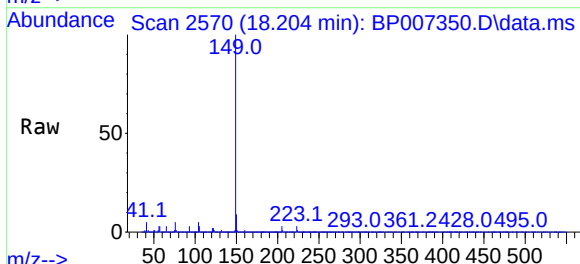
Tgt Ion:167 Resp: 1560106  
Ion Ratio Lower Upper  
167 100  
166 22.1 17.1 25.7  
139 12.8 10.7 16.1

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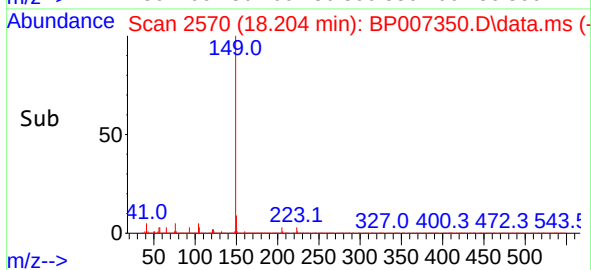
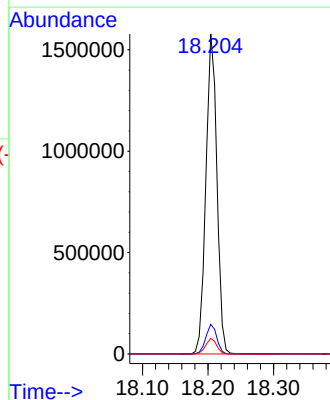
mohammad  
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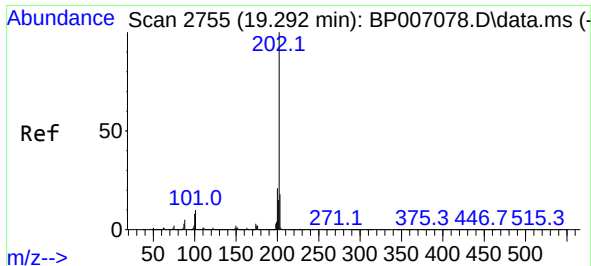
#74  
Di-n-butylphthalate  
Concen: 45.74 ng  
RT: 18.204 min Scan# 2570  
Delta R.T. -0.006 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32



Tgt Ion:149 Resp: 1848490  
Ion Ratio Lower Upper  
149 100  
150 9.3 7.3 10.9  
104 4.9 4.5 6.7





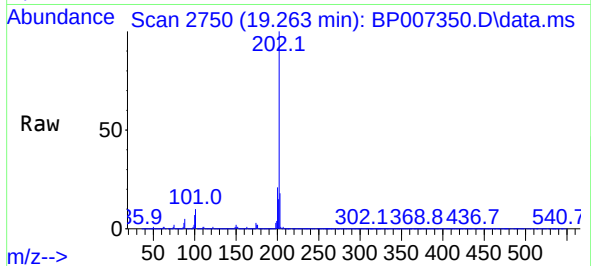


#75  
Fluoranthene  
Concen: 44.98 ng  
RT: 19.263 min Scan# 2750  
Delta R.T. 0.000 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32

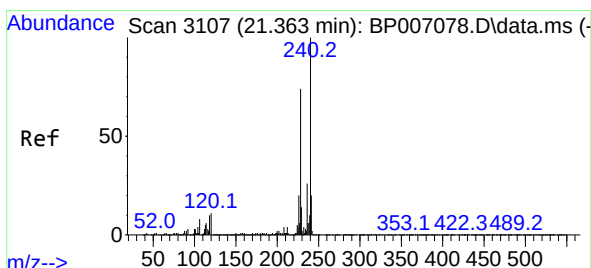
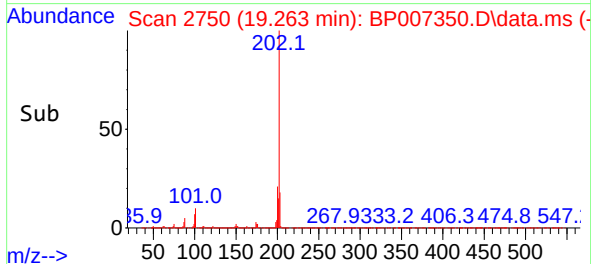
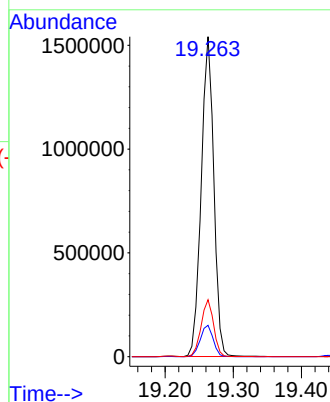
Instrument :  
BNA\_P  
ClientSampleId :  
PB139627BS

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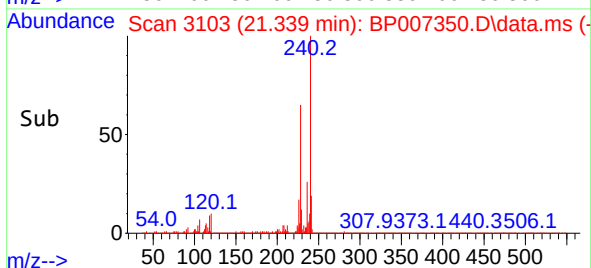
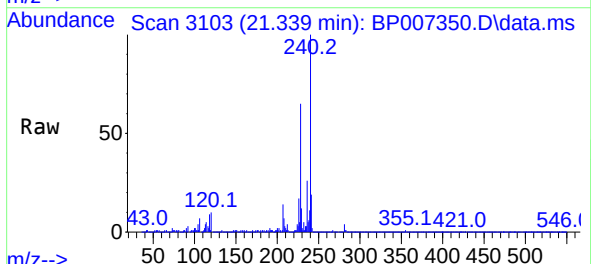
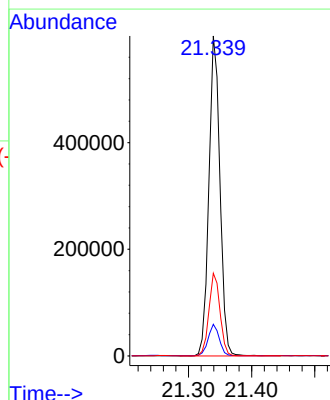


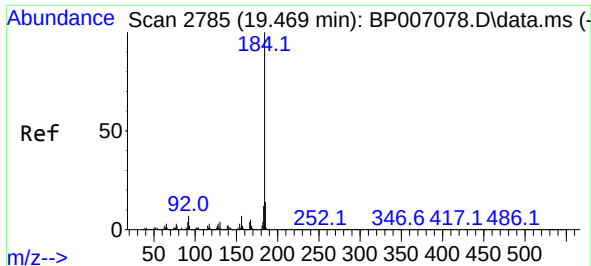
Tgt Ion:202 Resp: 1971467  
Ion Ratio Lower Upper  
202 100  
101 9.8 0.0 27.6  
203 17.8 0.0 37.8



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.339 min Scan# 3103  
Delta R.T. 0.000 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32

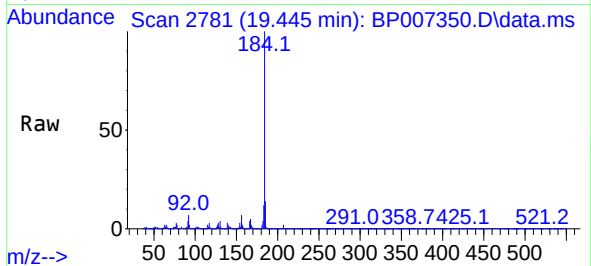
Tgt Ion:240 Resp: 726778  
Ion Ratio Lower Upper  
240 100  
120 9.9 6.5 9.7#  
236 25.9 20.6 31.0





#77  
Benzidine  
Concen: 59.74 ng  
RT: 19.445 min Scan# 2781  
Delta R.T. 0.000 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32

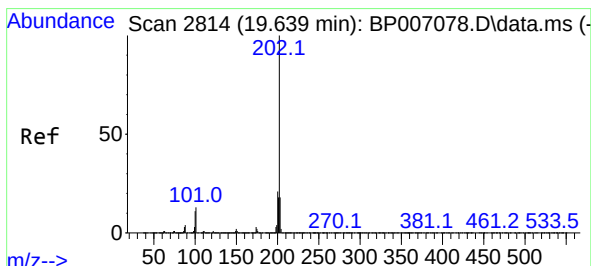
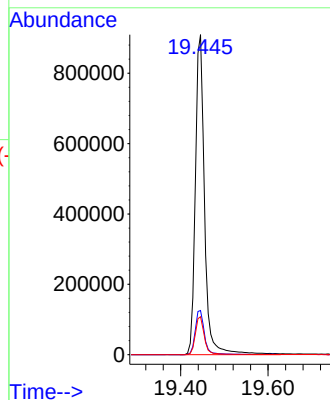
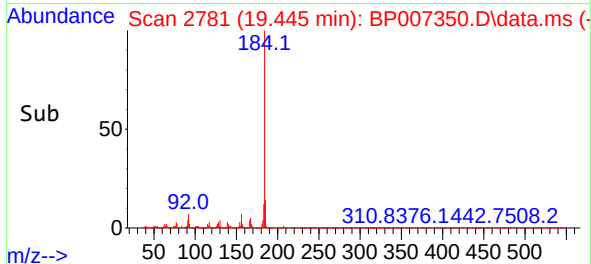
Instrument :  
BNA\_P  
ClientSampleId :  
PB139627BS



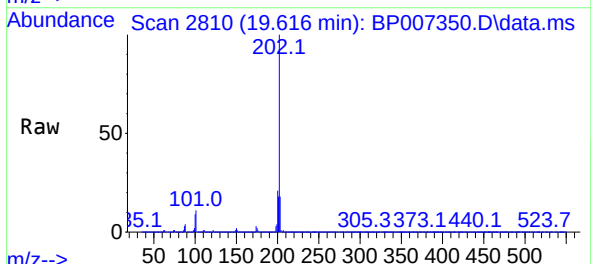
Tgt Ion:184 Resp: 1334285  
Ion Ratio Lower Upper  
184 100  
185 13.8 11.0 16.4  
183 11.8 9.5 14.3

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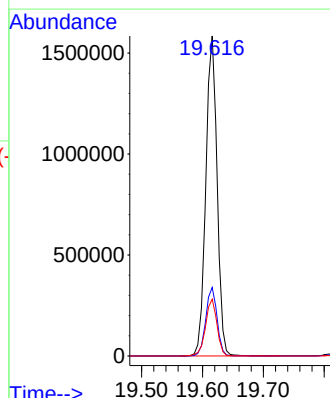
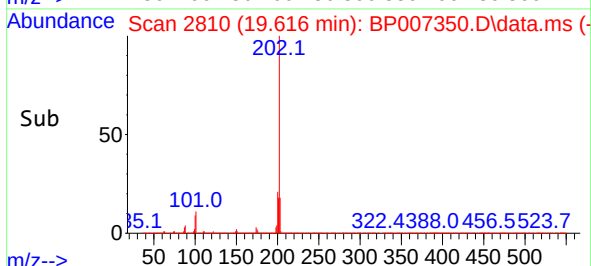
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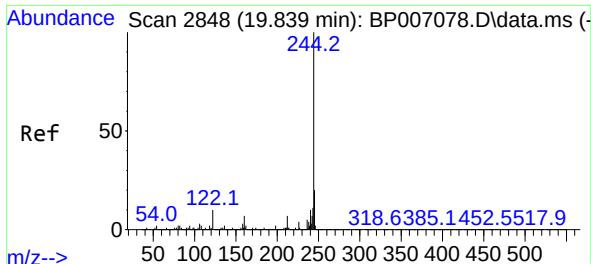


#78  
Pyrene  
Concen: 42.80 ng  
RT: 19.616 min Scan# 2810  
Delta R.T. 0.000 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32



Tgt Ion:202 Resp: 2040627  
Ion Ratio Lower Upper  
202 100  
200 21.4 16.3 24.5  
203 17.7 14.2 21.2





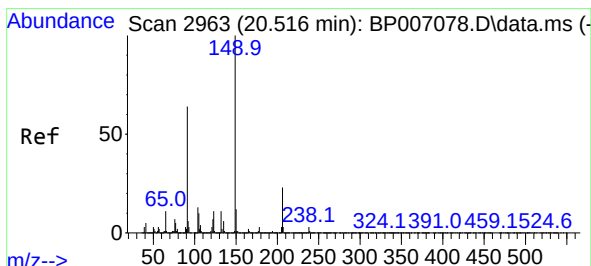
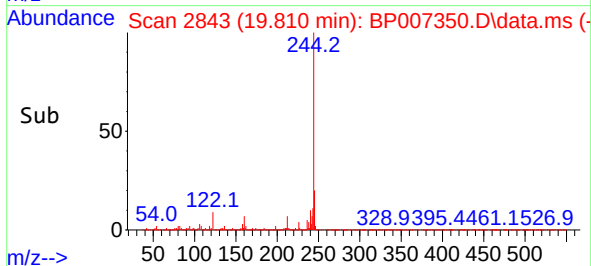
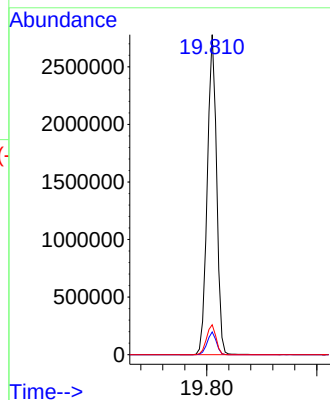
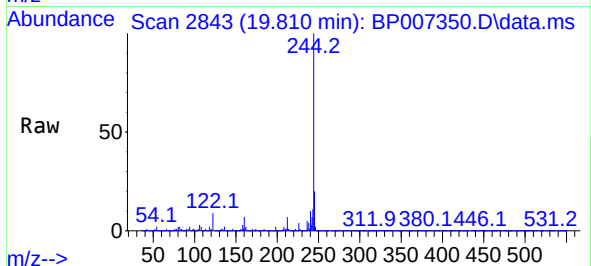
#79  
Terphenyl-d14  
Concen: 85.65 ng  
RT: 19.810 min Scan# 2843  
Delta R.T. 0.000 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32

Tgt Ion:244 Resp: 3248555  
Ion Ratio Lower Upper  
244 100  
212 7.1 6.0 9.0  
122 9.4 7.1 10.7

Instrument :  
BNA\_P  
ClientSampleId :  
PB139627BS

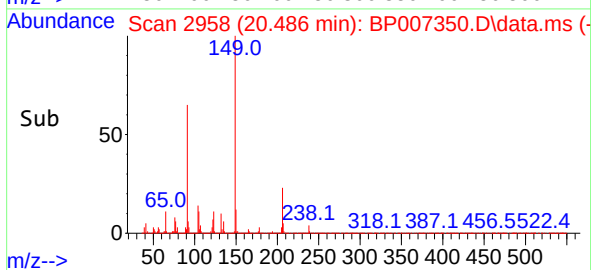
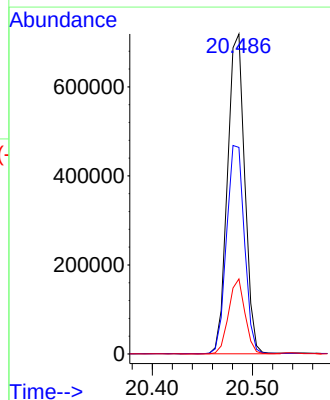
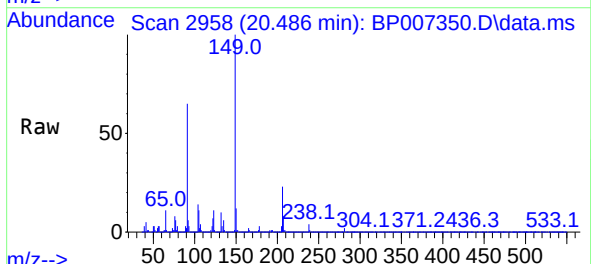
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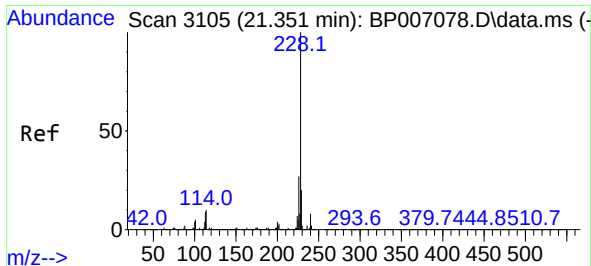
mohammad  
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#80  
Butylbenzylphthalate  
Concen: 44.87 ng  
RT: 20.486 min Scan# 2958  
Delta R.T. 0.000 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32

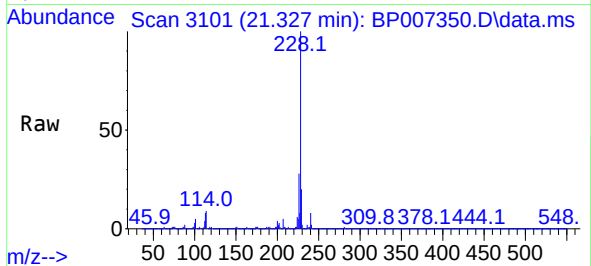
Tgt Ion:149 Resp: 856856  
Ion Ratio Lower Upper  
149 100  
91 64.5 54.6 81.8  
206 23.4 16.7 25.1





#81  
Benzo(a)anthracene  
Concen: 42.41 ng  
RT: 21.327 min Scan# 3101  
Delta R.T. 0.000 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32

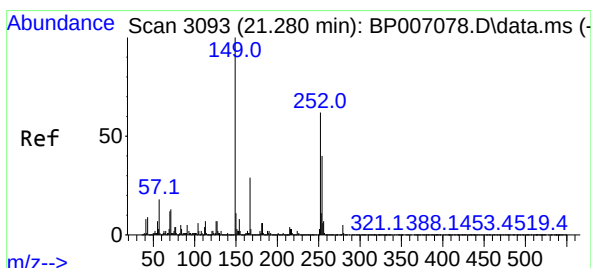
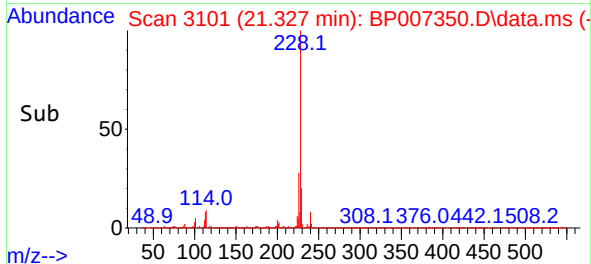
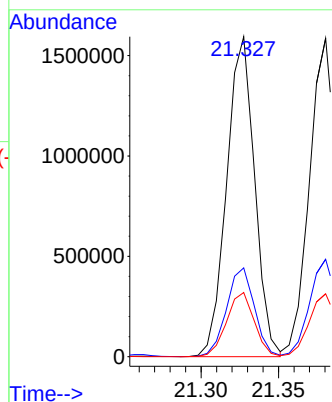
Instrument :  
BNA\_P  
ClientSampleId :  
PB139627BS



Tgt Ion:228 Resp: 2000577  
Ion Ratio Lower Upper  
228 100  
226 27.7 21.6 32.4  
229 20.1 15.8 23.6

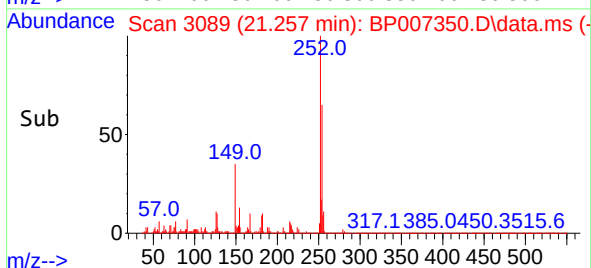
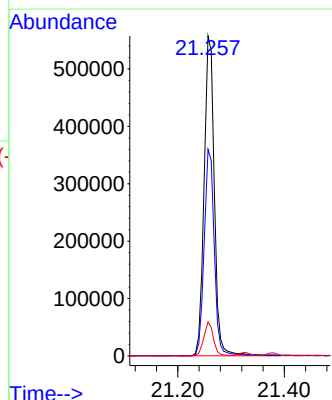
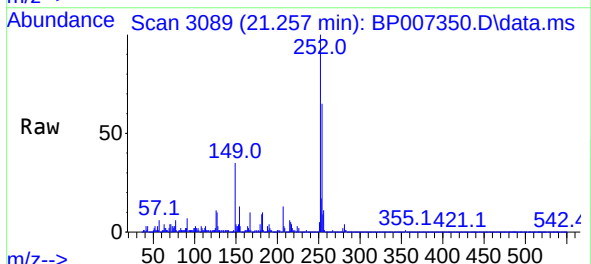
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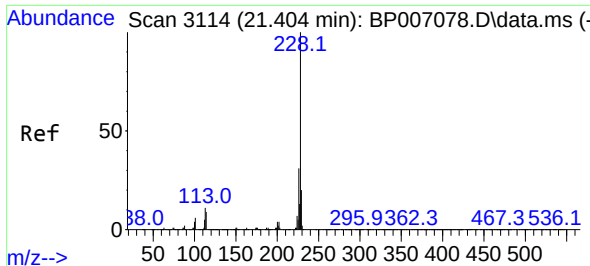
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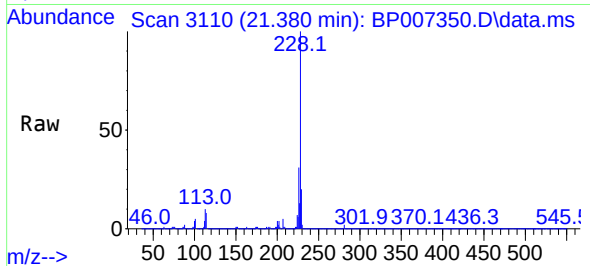
#82  
3,3'-Dichlorobenzidine  
Concen: 45.73 ng  
RT: 21.257 min Scan# 3089  
Delta R.T. 0.000 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32

Tgt Ion:252 Resp: 740840  
Ion Ratio Lower Upper  
252 100  
254 64.6 50.6 76.0  
126 10.7 7.0 10.6#

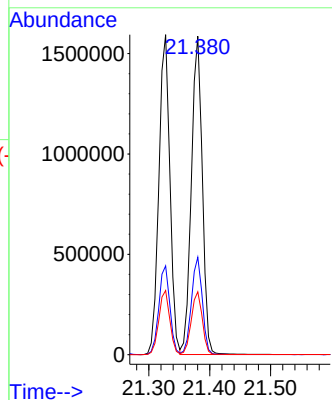




#83  
Chrysene  
Concen: 43.80 ng  
RT: 21.380 min Scan# 3110  
Delta R.T. 0.000 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32



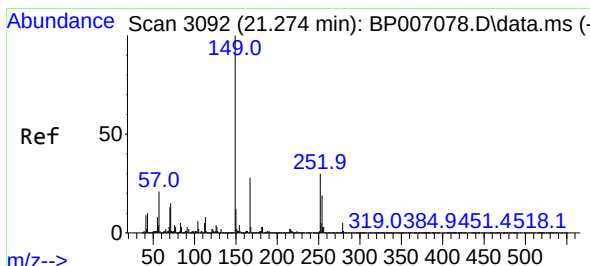
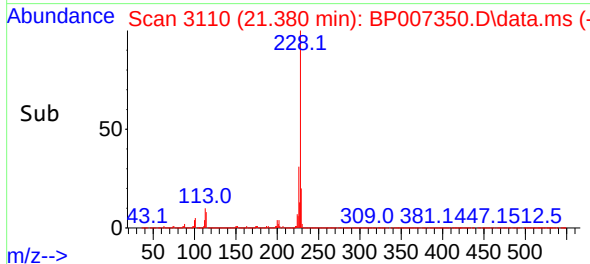
Tgt Ion:228 Resp: 1974880  
Ion Ratio Lower Upper  
228 100  
226 30.6 23.8 35.6  
229 19.8 15.4 23.2



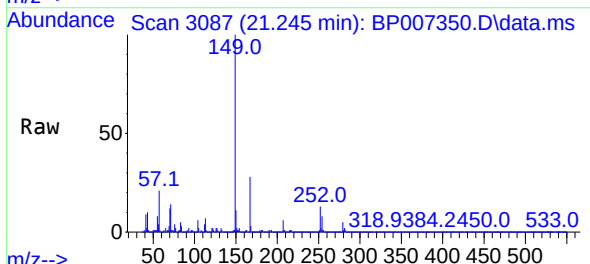
Instrument :  
BNA\_P  
ClientSampleId :  
PB139627BS

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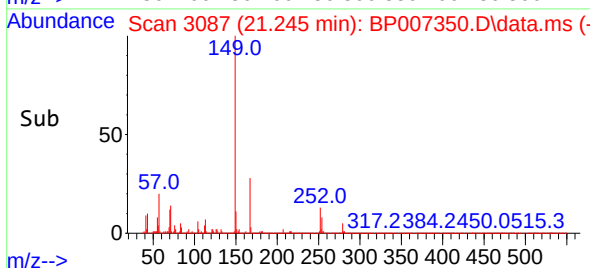
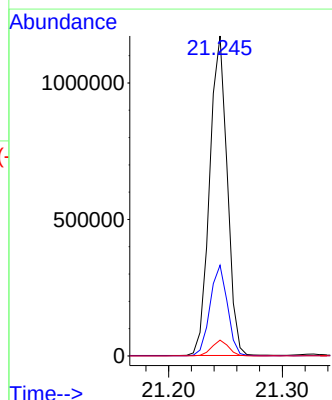
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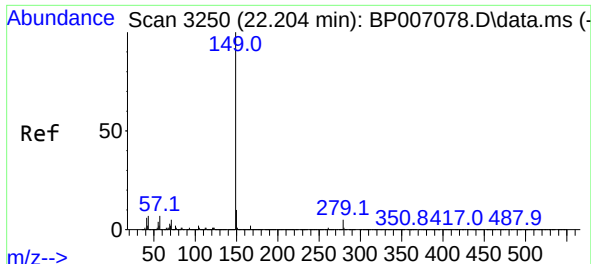


#84  
Bis(2-ethylhexyl)phthalate  
Concen: 45.73 ng  
RT: 21.245 min Scan# 3087  
Delta R.T. 0.000 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32



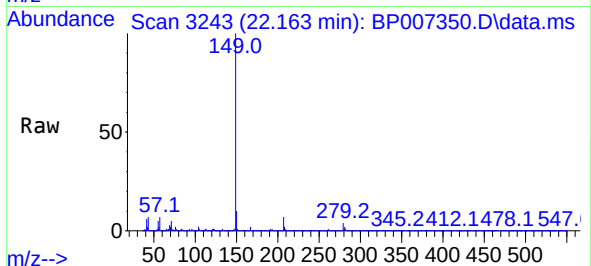
Tgt Ion:149 Resp: 1255467  
Ion Ratio Lower Upper  
149 100  
167 28.4 21.9 32.9  
279 5.0 4.3 6.5





#85  
Di-n-octyl phthalate  
Concen: 47.35 ng  
RT: 22.163 min Scan# 3243  
Delta R.T. -0.006 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32

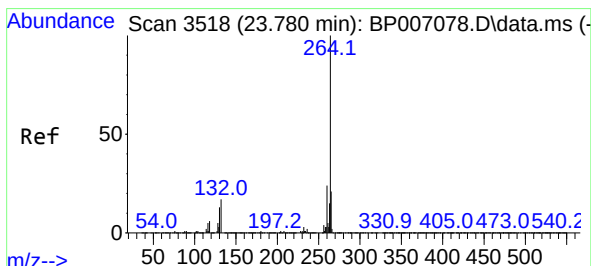
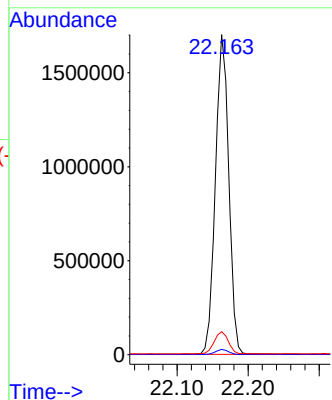
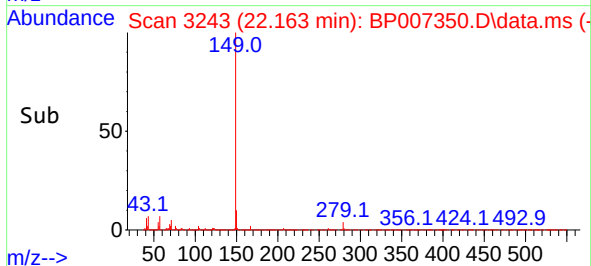
Instrument :  
BNA\_P  
ClientSampleId :  
PB139627BS



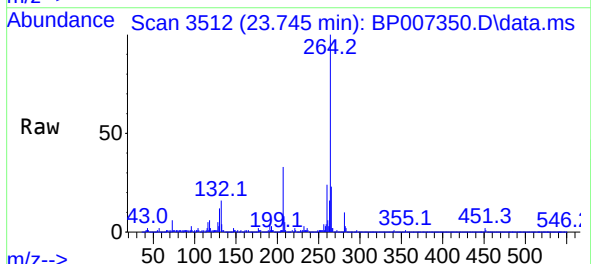
Tgt Ion:149 Resp: 2213369  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.4 2.0  
43 7.3 5.6 8.4

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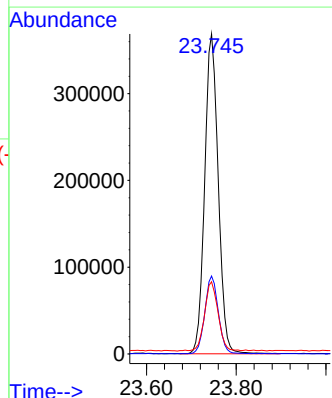
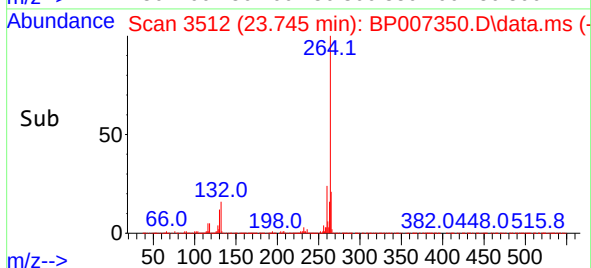
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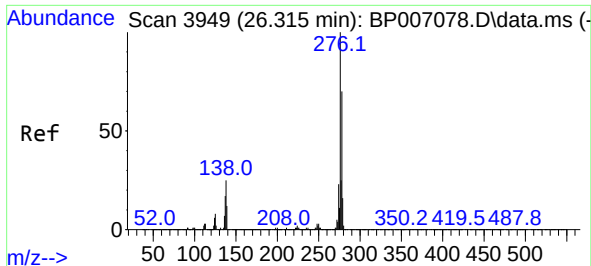


#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 23.745 min Scan# 3512  
Delta R.T. 0.000 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32



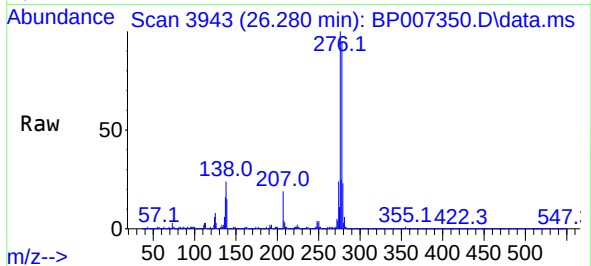
Tgt Ion:264 Resp: 771032  
Ion Ratio Lower Upper  
264 100  
260 24.4 18.6 28.0  
265 22.6 17.6 26.4





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 45.85 ng  
RT: 26.280 min Scan# 3943  
Delta R.T. 0.012 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32

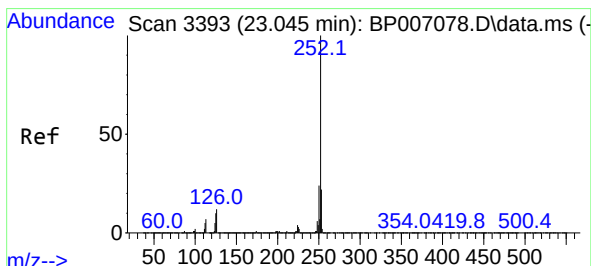
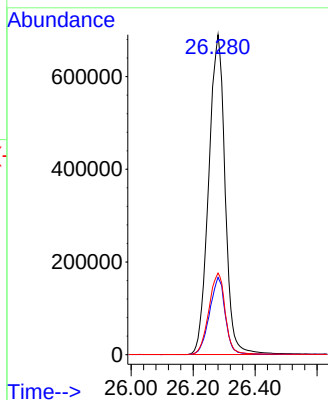
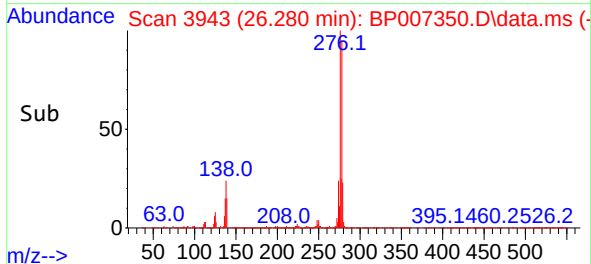
Instrument :  
BNA\_P  
ClientSampleId :  
PB139627BS



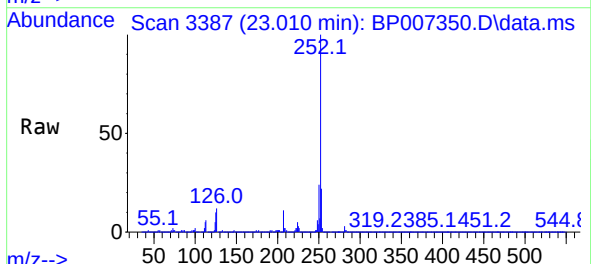
Tgt Ion:276 Resp: 2540369  
Ion Ratio Lower Upper  
276 100  
138 23.1 15.3 22.9#  
277 25.4 20.4 30.6

Manual Integrations  
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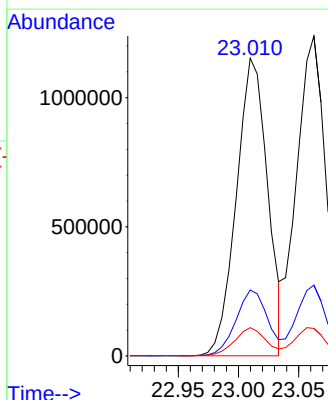
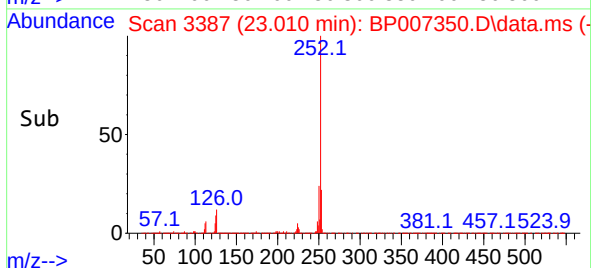
mohammad  
10/8/2021 8:34:20 AM

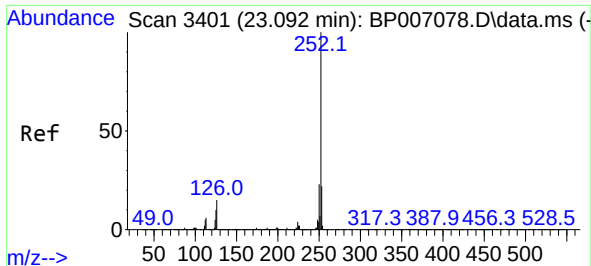


#88  
Benzo(b)fluoranthene  
Concen: 45.20 ng m  
RT: 23.010 min Scan# 3387  
Delta R.T. 0.000 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32



Tgt Ion:252 Resp: 2082790  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.5 26.3  
125 9.5 6.2 9.4#





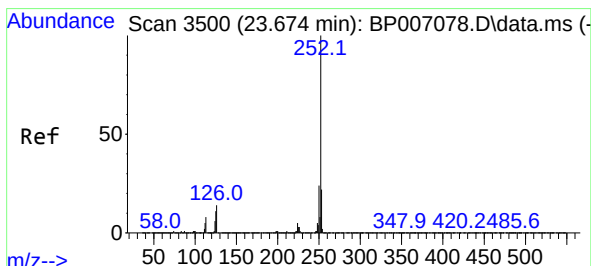
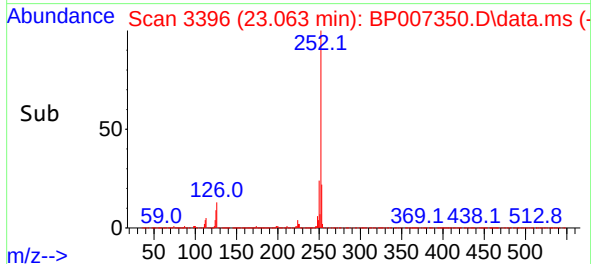
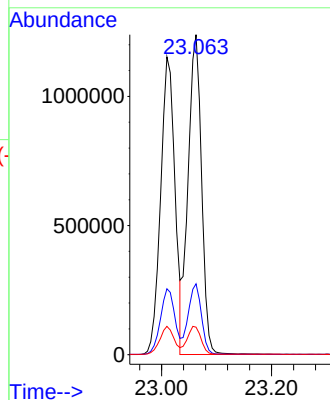
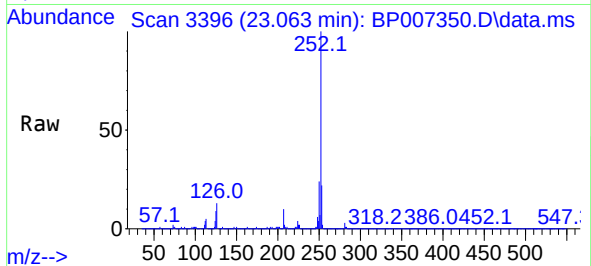
#89  
Benzo(k)fluoranthene  
Concen: 44.99 ng  
RT: 23.063 min Scan# 3396  
Delta R.T. 0.006 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32

Instrument :  
BNA\_P  
ClientSampleId :  
PB139627BS

Tgt Ion:252 Resp: 2098700  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.6 26.4  
125 8.6 6.0 9.0

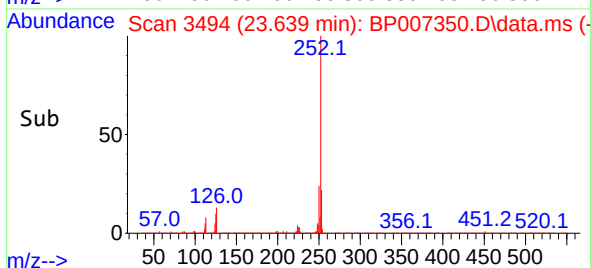
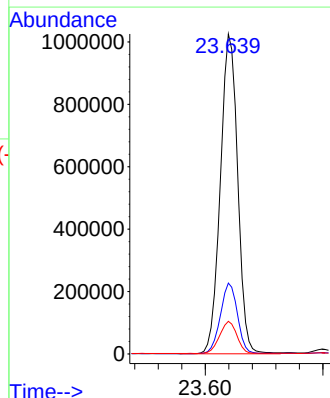
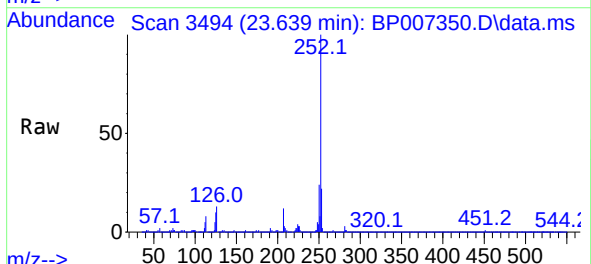
Manual Integrations  
APPROVED

mohammad  
10/8/2021 8:34:20 AM

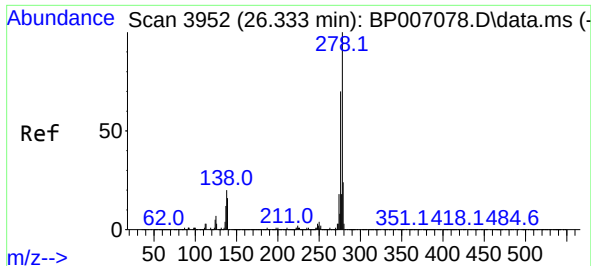


#90  
Benzo(a)pyrene  
Concen: 53.51 ng  
RT: 23.639 min Scan# 3494  
Delta R.T. 0.000 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32

Tgt Ion:252 Resp: 2094806  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.9 26.9  
125 10.2 6.5 9.7#

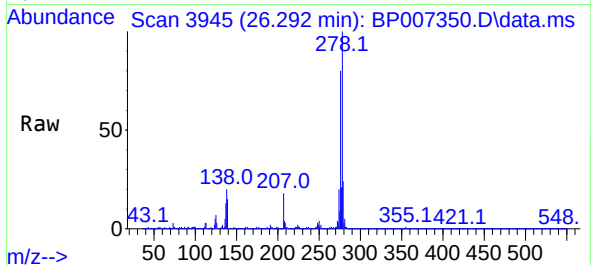






#91  
Dibenzo(a,h)anthracene  
Concen: 46.77 ng  
RT: 26.292 min Scan# 3945  
Delta R.T. 0.012 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32

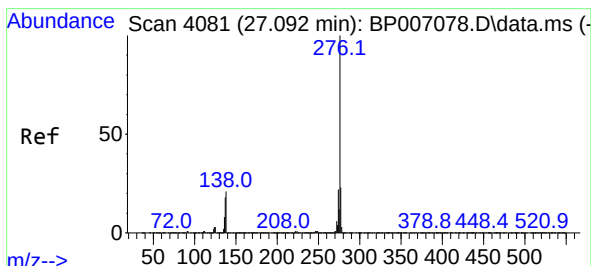
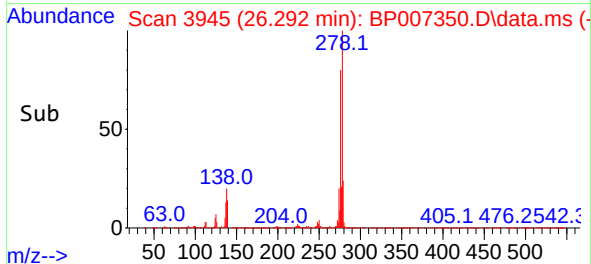
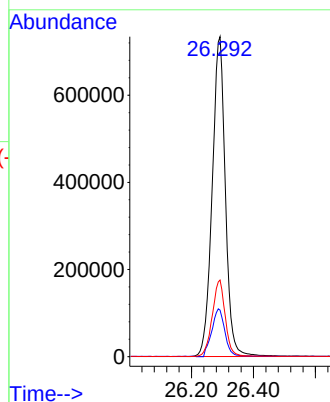
Instrument :  
BNA\_P  
ClientSampleId :  
PB139627BS



Tgt Ion:278 Resp: 2171899  
Ion Ratio Lower Upper  
278 100  
139 14.5 9.3 13.9#  
279 24.0 18.8 28.2

Manual Integrations  
APPROVED

mohammad  
10/8/2021 8:34:20 AM



#92  
Benzo(g,h,i)perylene  
Concen: 46.10 ng  
RT: 27.057 min Scan# 4075  
Delta R.T. 0.012 min  
Lab File: BP007350.D  
Acq: 06 Oct 2021 12:32

Tgt Ion:276 Resp: 2089239  
Ion Ratio Lower Upper  
276 100  
277 23.4 18.9 28.3  
138 19.5 12.6 18.8#

