

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP051421\  
 Data File : BP005544.D  
 Acq On : 14 May 2021 12:21  
 Operator : CG/JU  
 Sample : PB136243BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB136243BS

Manual Integrations  
 APPROVED

mohammad  
 5/17/2021 11:19:05 AM

Quant Time: May 14 13:07:40 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP050521.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 14 12:01:17 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.681  | 152  | 15108    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.469 | 136  | 47523    | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.334 | 164  | 33328    | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.092 | 188  | 78221    | 20.00  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.186 | 240  | 92872    | 20.00  | ng    | # 0.00   |
| 86) Perylene-d12              | 23.498 | 264  | 105016   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.269  | 112  | 111994   | 142.26 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.881  | 99   | 124569   | 126.90 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.852  | 82   | 105000   | 86.96  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.834 | 330  | 110175   | 116.49 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.951 | 172  | 266341   | 90.15  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.663 | 244  | 513194   | 93.84  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.158  | 88   | 10289    | 32.74  | ng    | # 86     |
| 3) Pyridine                   | 3.570  | 79   | 28210    | 40.47  | ng    | # 80     |
| 4) n-Nitrosodimethylamine     | 3.481  | 42   | 23875    | 42.59  | ng    | # 6      |
| 6) Aniline                    | 7.016  | 93   | 41799    | 39.45  | ng    | # 79     |
| 8) 2-Chlorophenol             | 7.252  | 128  | 38644    | 45.70  | ng    | 95       |
| 9) Benzaldehyde               | 6.828  | 77   | 28721    | 59.10  | ng    | # 74     |
| 10) Phenol                    | 6.905  | 94   | 44230    | 45.05  | ng    | # 52     |
| 11) bis(2-Chloroethyl)ether   | 7.116  | 93   | 29564    | 43.60  | ng    | 94       |
| 12) 1,3-Dichlorobenzene       | 7.564  | 146  | 47873    | 42.56  | ng    | # 91     |
| 13) 1,4-Dichlorobenzene       | 7.711  | 146  | 49635    | 44.27  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.028  | 146  | 46488    | 43.26  | ng    | 97       |
| 15) Benzyl Alcohol            | 7.940  | 79   | 42630    | 45.02  | ng    | # 74     |
| 16) 2,2'-oxybis(1-Chloropr... | 8.222  | 45   | 13781    | 41.16  | ng    | # 64     |
| 17) 2-Methylphenol            | 8.146  | 107  | 28835    | 42.76  | ng    | # 80     |
| 18) Hexachloroethane          | 8.740  | 117  | 19962    | 42.98  | ng    | 84       |
| 19) n-Nitroso-di-n-propyla... | 8.499  | 70   | 30093    | 41.86  | ng    | 94       |
| 20) 3+4-Methylphenols         | 8.481  | 107  | 38678    | 43.15  | ng    | 89       |
| 22) Acetophenone              | 8.516  | 105  | 58622    | 43.73  | ng    | # 86     |
| 24) Nitrobenzene              | 8.893  | 77   | 50845    | 41.98  | ng    | 94       |
| 25) Isophorone                | 9.416  | 82   | 71889    | 38.45  | ng    | # 97     |
| 26) 2-Nitrophenol             | 9.599  | 139  | 21200    | 41.80  | ng    | # 76     |
| 27) 2,4-Dimethylphenol        | 9.675  | 122  | 31895    | 47.51  | ng    | # 77     |
| 28) bis(2-Chloroethoxy)met... | 9.899  | 93   | 35503    | 45.36  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.146 | 162  | 42084    | 39.92  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.334 | 180  | 57308    | 42.56  | ng    | 97       |
| 31) Naphthalene               | 10.522 | 128  | 106056   | 41.50  | ng    | 99       |
| 32) Benzoic acid              | 9.887  | 122  | 18499    | 35.67  | ng    | # 68     |
| 33) 4-Chloroaniline           | 10.657 | 127  | 18379    | 18.47  | ng    | 97       |
| 34) Hexachlorobutadiene       | 10.793 | 225  | 46529    | 41.43  | ng    | 97       |
| 35) Caprolactam               | 11.469 | 113  | 8555m    | 35.27  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 11.804 | 107  | 36084    | 38.40  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.146 | 142  | 84413    | 41.18  | ng    | 97       |
| 38) 1-Methylnaphthalene       | 12.363 | 142  | 78046    | 40.33  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.516 | 216  | 71471    | 46.67  | ng    | 97       |
| 41) Hexachlorocyclopentadiene | 12.481 | 237  | 69760    | 105.57 | ng    | 94       |
| 43) 2,4,6-Trichlorophenol     | 12.775 | 196  | 41137    | 43.00  | ng    | 98       |

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 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
 PB136243BS

Manual Integrations  
 APPROVED

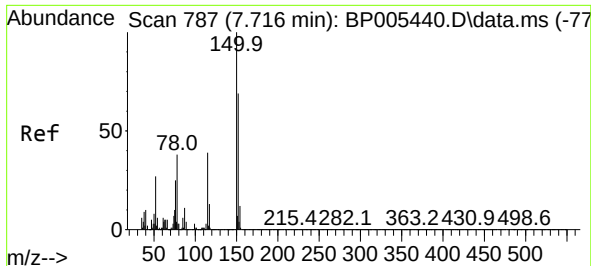
mohammad  
 5/17/2021 11:19:05 AM

Quant Time: May 14 13:07:40 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP050521.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 14 12:01:17 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.857 | 196  | 42752    | 41.41 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.163 | 154  | 117789   | 45.90 | ng    | 95       |
| 47) 2-Chloronaphthalene       | 13.204 | 162  | 95024    | 44.47 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.434 | 65   | 28373    | 46.75 | ng    | 96       |
| 49) Acenaphthylene            | 14.051 | 152  | 133236   | 43.28 | ng    | 98       |
| 50) Dimethylphthalate         | 13.804 | 163  | 121646   | 42.28 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 13.934 | 165  | 25483    | 39.45 | ng    | 96       |
| 52) Acenaphthene              | 14.398 | 154  | 82361    | 43.01 | ng    | 95       |
| 53) 3-Nitroaniline            | 14.269 | 138  | 12355    | 26.69 | ng    | 86       |
| 54) 2,4-Dinitrophenol         | 14.493 | 184  | 30178    | 77.44 | ng    | # 72     |
| 55) Dibenzofuran              | 14.734 | 168  | 150232   | 41.70 | ng    | 97       |
| 56) 4-Nitrophenol             | 14.610 | 139  | 24023    | 68.76 | ng    | # 68     |
| 57) 2,4-Dinitrotoluene        | 14.728 | 165  | 38097    | 40.00 | ng    | # 90     |
| 58) Fluorene                  | 15.387 | 166  | 120798   | 41.07 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 14.975 | 232  | 40362m   | 39.10 | ng    |          |
| 60) Diethylphthalate          | 15.169 | 149  | 117765   | 42.26 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.381 | 204  | 77932    | 42.34 | ng    | 99       |
| 62) 4-Nitroaniline            | 15.440 | 138  | 15990    | 35.96 | ng    | # 65     |
| 63) Azobenzene                | 15.681 | 77   | 120210   | 41.85 | ng    | 87       |
| 65) 4,6-Dinitro-2-methylph... | 15.498 | 198  | 22254    | 35.90 | ng    | 95       |
| 66) n-Nitrosodiphenylamine    | 15.604 | 169  | 101131   | 44.30 | ng    | 94       |
| 67) 4-Bromophenyl-phenylether | 16.281 | 248  | 54849    | 44.92 | ng    | 97       |
| 68) Hexachlorobenzene         | 16.392 | 284  | 67075    | 43.32 | ng    | 98       |
| 69) Atrazine                  | 16.569 | 200  | 47744    | 44.77 | ng    | 99       |
| 70) Pentachlorophenol         | 16.751 | 266  | 62454    | 76.02 | ng    | 94       |
| 71) Phenanthrene              | 17.134 | 178  | 187704   | 42.23 | ng    | 99       |
| 72) Anthracene                | 17.222 | 178  | 191219   | 43.35 | ng    | 98       |
| 73) Carbazole                 | 17.510 | 167  | 149769   | 38.55 | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.057 | 149  | 179093   | 42.00 | ng    | # 96     |
| 75) Fluoranthene              | 19.110 | 202  | 236686   | 38.72 | ng    | 97       |
| 77) Benzidine                 | 19.304 | 184  | 134072   | 93.26 | ng    | 99       |
| 78) Pyrene                    | 19.463 | 202  | 237897   | 45.24 | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.339 | 149  | 77500    | 45.62 | ng    | 89       |
| 81) Benzo(a)anthracene        | 21.175 | 228  | 253201   | 42.07 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.110 | 252  | 80944    | 35.70 | ng    | 99       |
| 83) Chrysene                  | 21.227 | 228  | 245465   | 42.08 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.098 | 149  | 116417   | 44.82 | ng    | # 98     |
| 85) Di-n-octyl phthalate      | 21.986 | 149  | 193239   | 44.29 | ng    | # 91     |
| 87) Indeno(1,2,3-cd)pyrene    | 25.904 | 276  | 423406   | 47.92 | ng    | # 97     |
| 88) Benzo(b)fluoranthene      | 22.798 | 252  | 295614   | 42.24 | ng    | # 97     |
| 89) Benzo(k)fluoranthene      | 22.839 | 252  | 290242   | 42.42 | ng    | # 99     |
| 90) Benzo(a)pyrene            | 23.392 | 252  | 286762   | 44.71 | ng    | # 95     |
| 91) Dibenzo(a,h)anthracene    | 25.910 | 278  | 365179   | 46.84 | ng    | # 99     |
| 92) Benzo(g,h,i)perylene      | 26.633 | 276  | 344484   | 47.76 | ng    | # 95     |

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





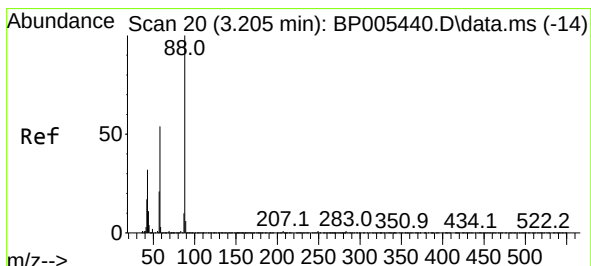
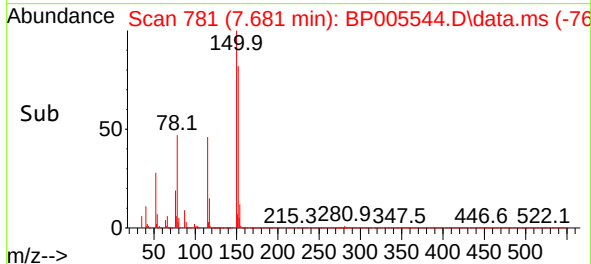
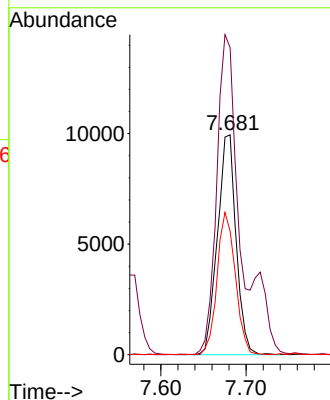
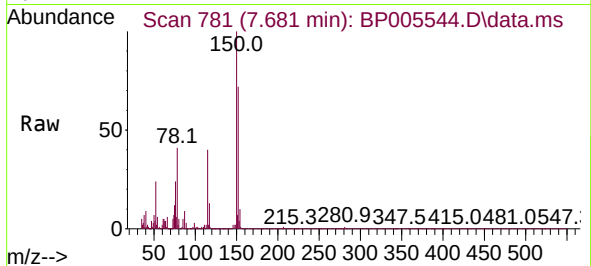
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1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.681 min Scan# 781  
Delta R.T. 0.006 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

Tgt Ion: 152 Resp: 15108  
Ion Ratio Lower Upper  
152 100  
150 139.7 119.8 179.8  
115 56.2 49.0 73.4

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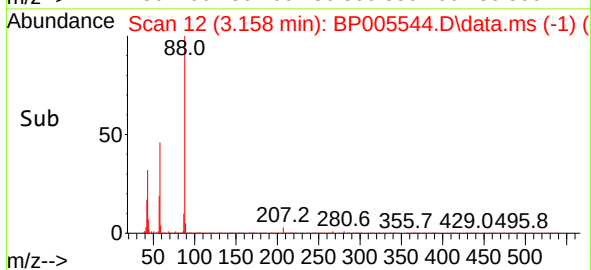
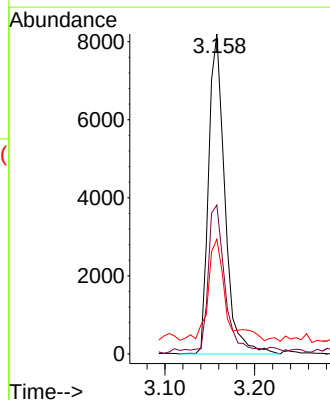
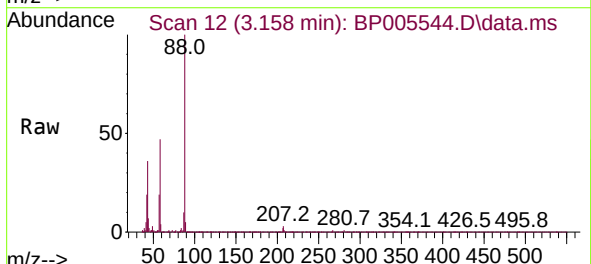
Manual Integrations  
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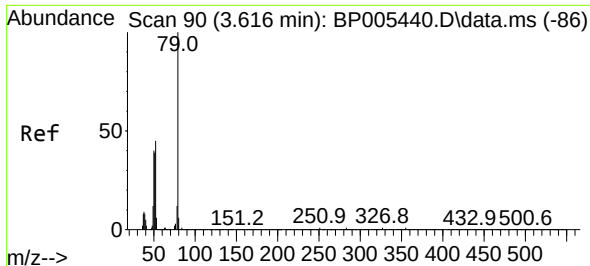
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#2  
1,4-Dioxane  
Concen: 32.74 ng  
RT: 3.158 min Scan# 12  
Delta R.T. 0.000 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

Tgt Ion: 88 Resp: 10289  
Ion Ratio Lower Upper  
88 100  
58 44.3 42.5 63.7  
43 33.8 19.8 29.8





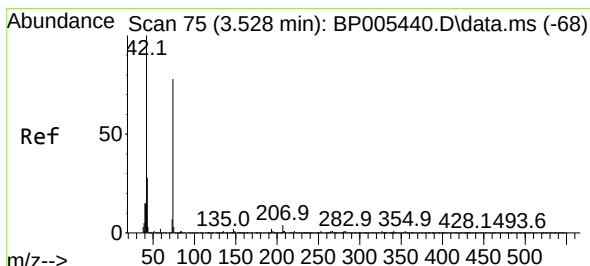
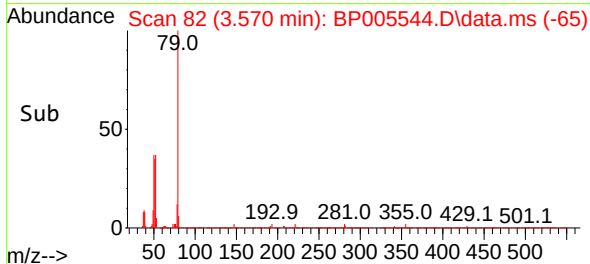
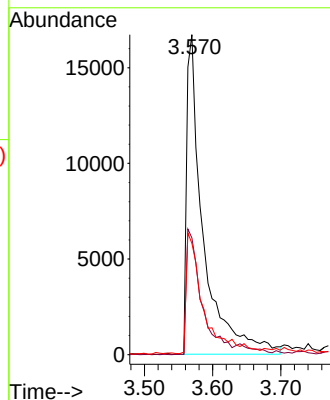
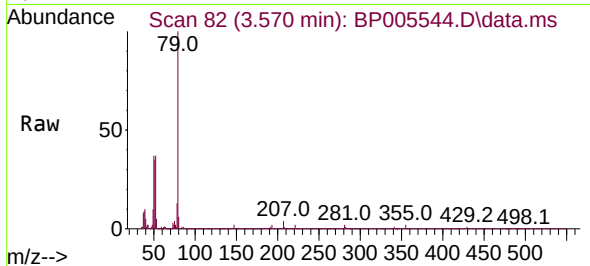
#3  
Pyridine  
Concen: 40.47 ng  
RT: 3.570 min Scan# 82  
Delta R.T. 0.000 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 36.5  | 40.3  | 60.5# |
| 51      | 34.8  | 20.0  | 30.0# |

Instrument :  
BNA\_P  
ClientSampleId :  
PB136243BS

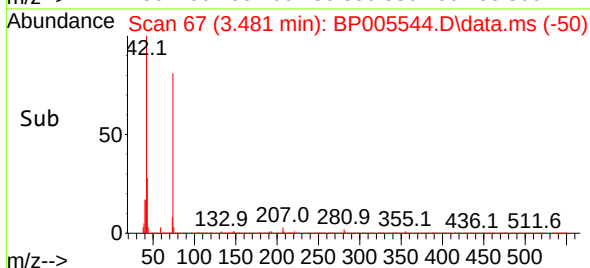
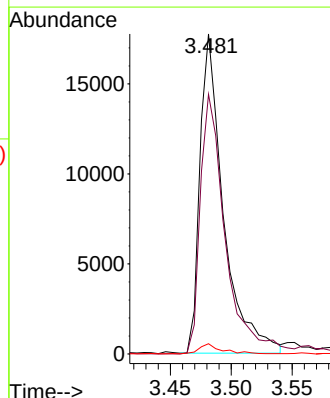
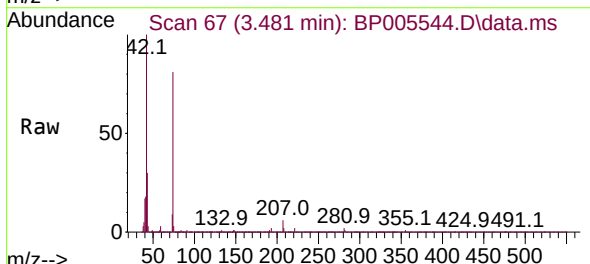
Manual Integrations  
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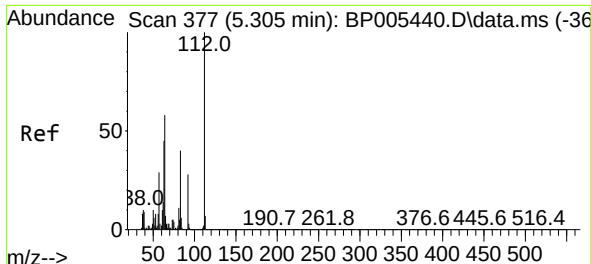
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#4  
n-Nitrosodimethylamine  
Concen: 42.59 ng  
RT: 3.481 min Scan# 67  
Delta R.T. 0.000 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 42      | 100   |       |        |
| 74      | 81.1  | 122.6 | 183.8# |
| 44      | 3.2   | 146.9 | 220.3# |





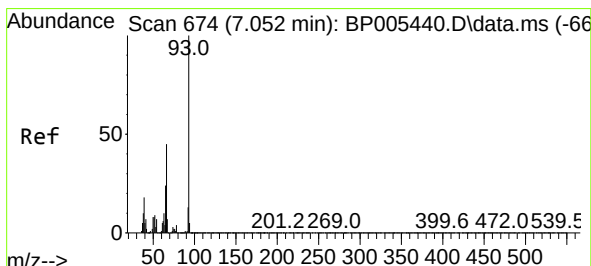
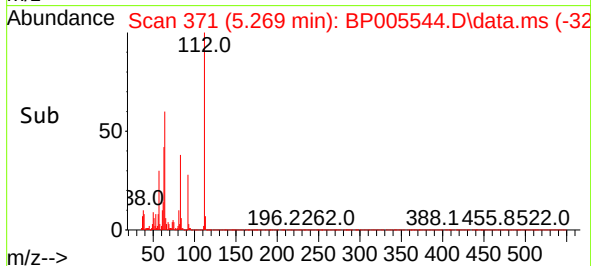
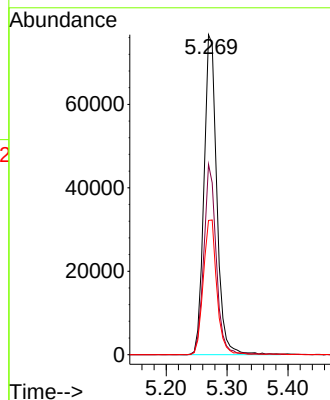
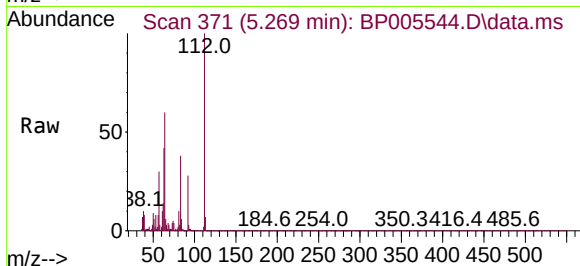
#5  
2-Fluorophenol  
Concen: 142.26 ng  
RT: 5.269 min Scan# 371  
Delta R.T. 0.000 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

Tgt Ion: 112 Resp: 111994  
Ion Ratio Lower Upper  
112 100  
64 59.5 33.6 50.4#  
63 42.0 18.6 27.8#

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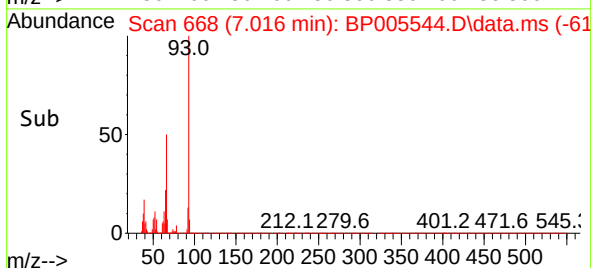
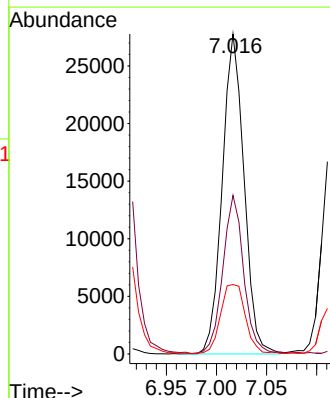
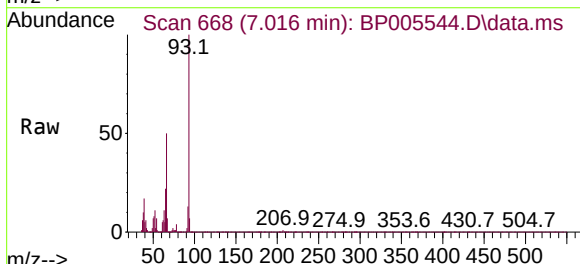
Manual Integrations  
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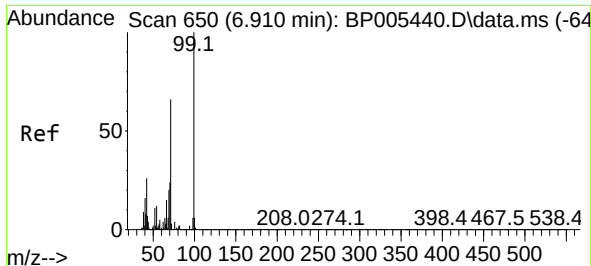
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5/17/2021 11:19:05 AM



#6  
Aniline  
Concen: 39.45 ng  
RT: 7.016 min Scan# 668  
Delta R.T. 0.000 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

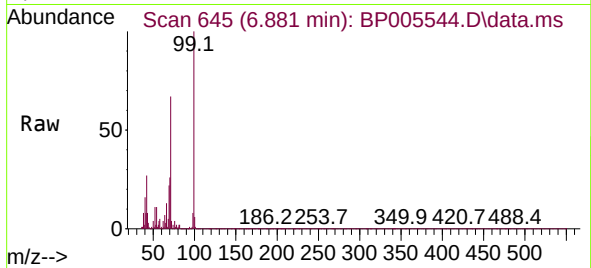
Tgt Ion: 93 Resp: 41799  
Ion Ratio Lower Upper  
93 100  
66 49.6 27.0 40.4#  
65 21.7 14.4 21.6#





#7  
Phenol-d6  
Concen: 126.90 ng  
RT: 6.881 min Scan# 645  
Delta R.T. 0.000 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

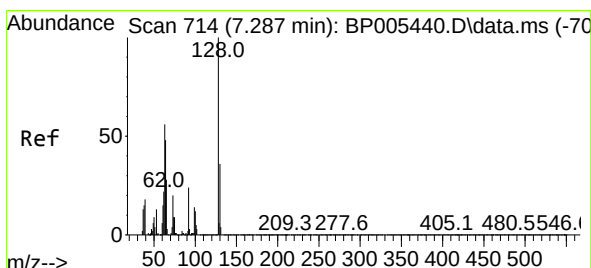
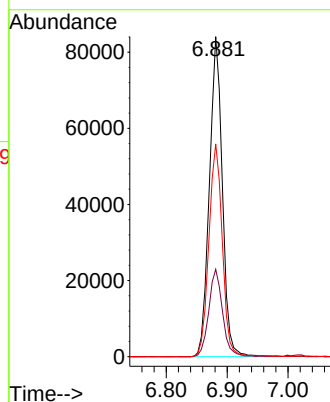
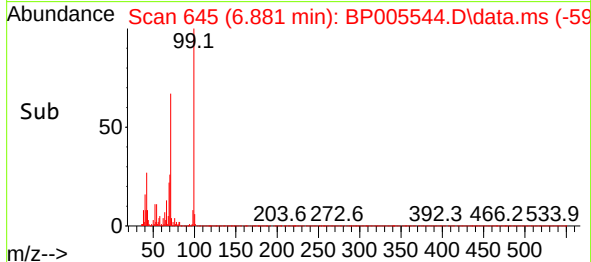
Instrument :  
BNA\_P  
ClientSampleId :  
PB136243BS



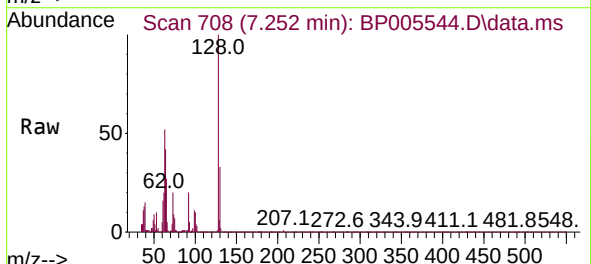
Tgt Ion: 99 Resp: 124569  
Ion Ratio Lower Upper  
99 100  
42 27.3 12.9 19.3#  
71 66.5 26.7 40.1#

Manual Integrations  
APPROVED

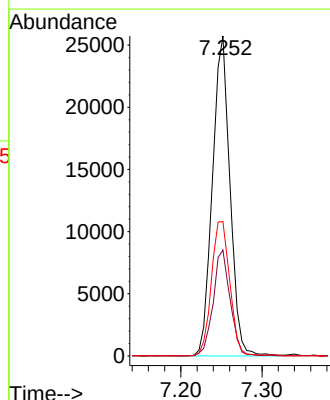
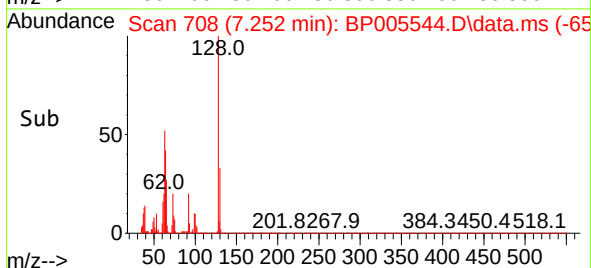
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5/17/2021 11:19:05 AM

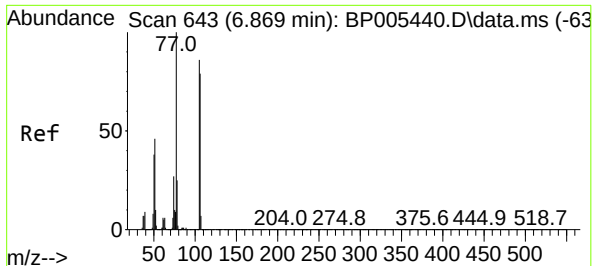


#8  
2-Chlorophenol  
Concen: 45.70 ng  
RT: 7.252 min Scan# 708  
Delta R.T. 0.000 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21



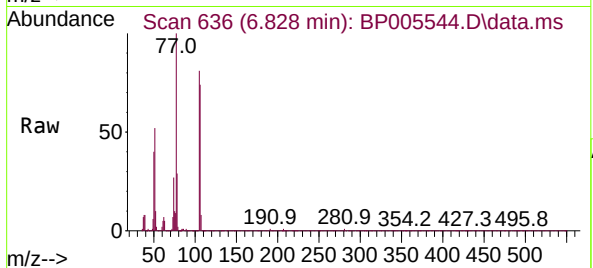
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Ion Ratio Lower Upper  
128 100  
130 33.1 14.1 54.1  
64 42.0 17.2 57.2





#9  
Benzaldehyde  
Concen: 59.10 ng  
RT: 6.828 min Scan# 636  
Delta R.T. 0.000 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

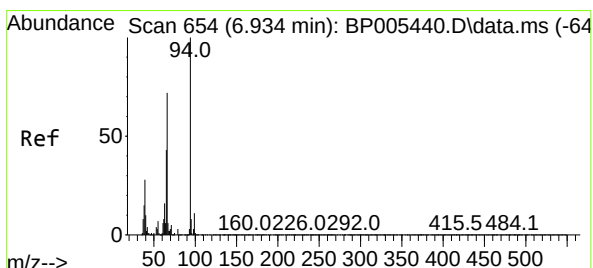
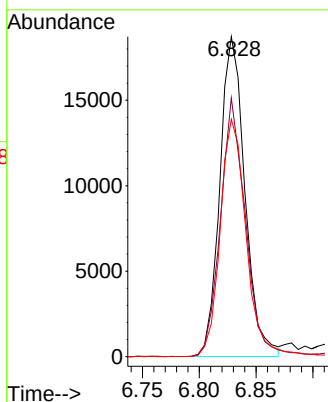
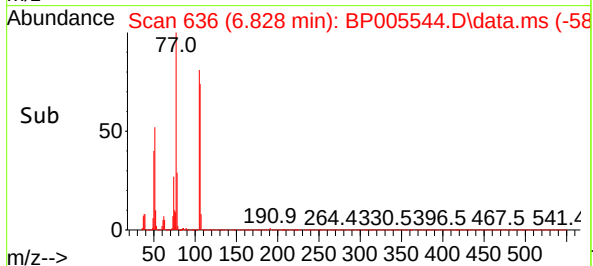
Instrument :  
BNA\_P  
ClientSampleId :  
PB136243BS



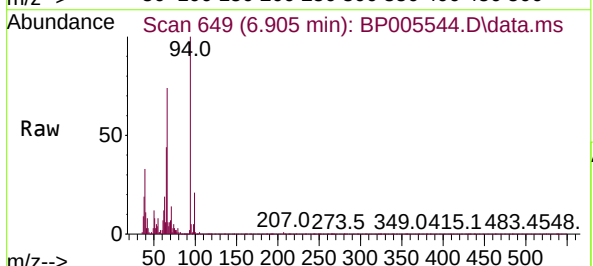
Tgt Ion: 77 Resp: 28721  
Ion Ratio Lower Upper  
77 100  
105 80.9 89.4 129.4#  
106 74.2 79.9 119.9#

Manual Integrations  
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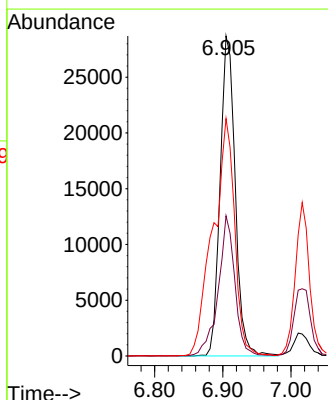
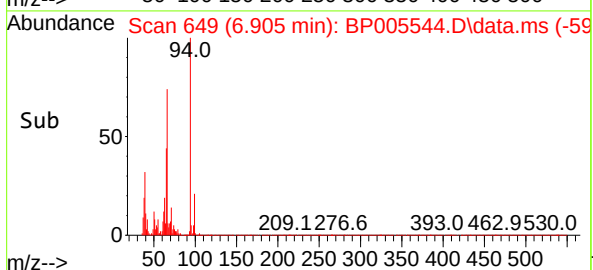
mohammad  
5/17/2021 11:19:05 AM



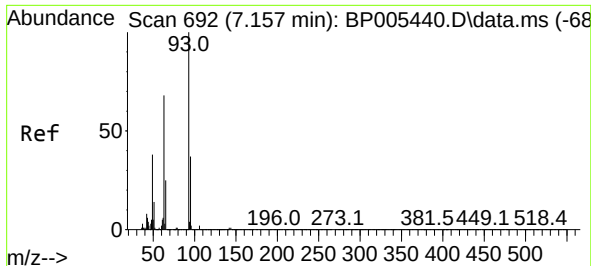
#10  
Phenol  
Concen: 45.05 ng  
RT: 6.905 min Scan# 649  
Delta R.T. 0.000 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21



Tgt Ion: 94 Resp: 44230  
Ion Ratio Lower Upper  
94 100  
65 43.8 8.0 48.0  
66 74.2 17.3 57.3#







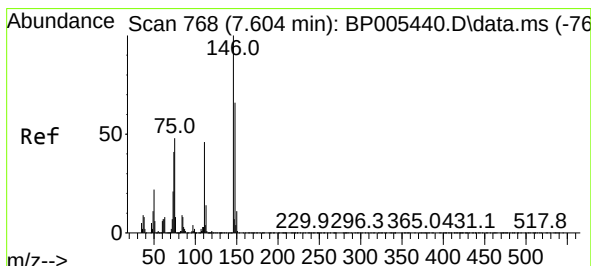
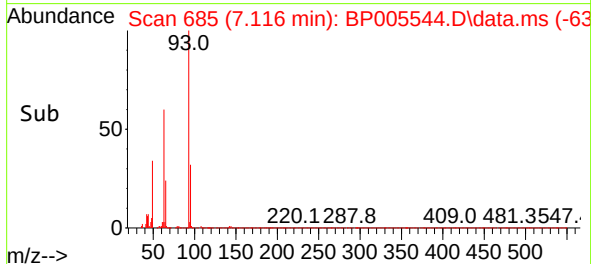
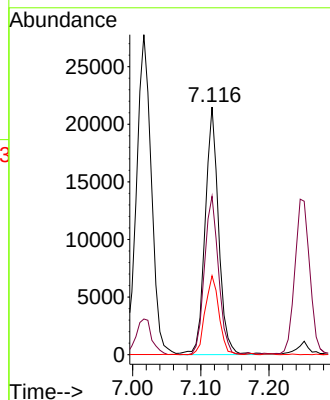
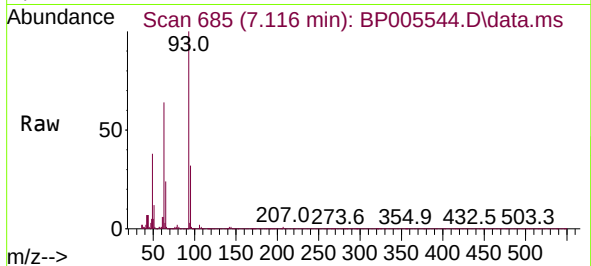
#11  
bis(2-Chloroethyl)ether  
Concen: 43.60 ng  
RT: 7.116 min Scan# 685  
Delta R.T. 0.000 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 29564 |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 63.9  | 49.6  | 89.6  |
| 95       | 31.9  | 14.4  | 54.4  |

Instrument :  
BNA\_P  
ClientSampleId :  
PB136243BS

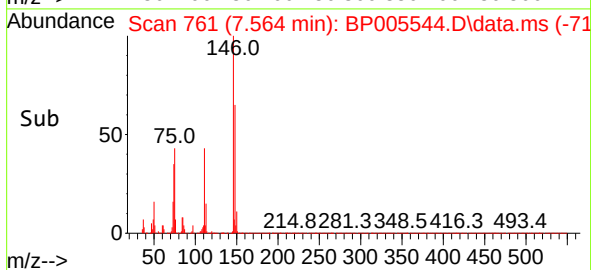
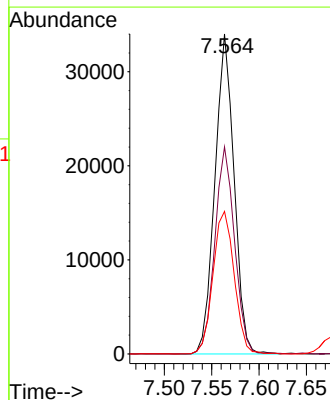
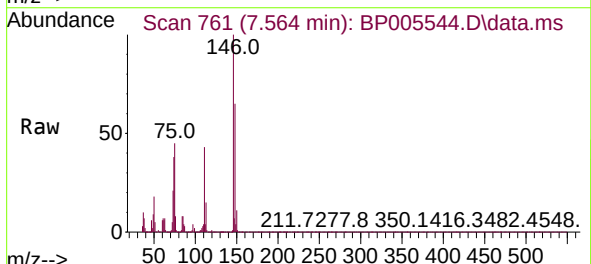
Manual Integrations  
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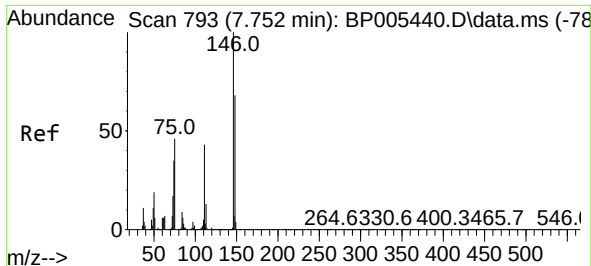
mohammad  
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#12  
1,3-Dichlorobenzene  
Concen: 42.56 ng  
RT: 7.564 min Scan# 761  
Delta R.T. 0.000 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 47873 |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 148      | 64.7  | 51.4  | 77.0  |
| 75       | 44.5  | 23.9  | 35.9  |





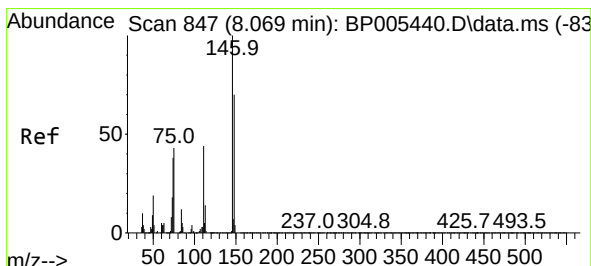
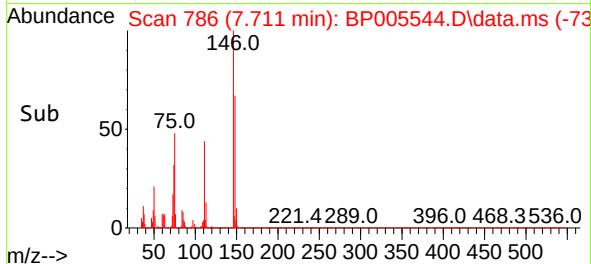
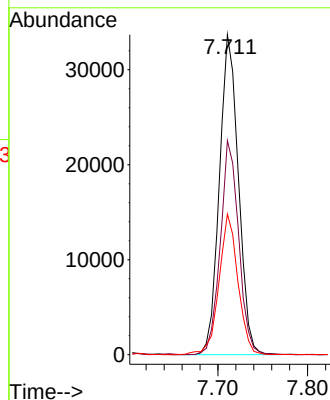
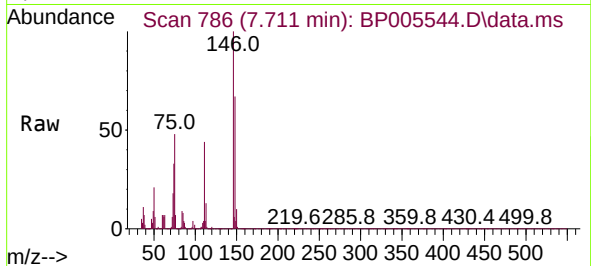
#13  
1,4-Dichlorobenzene  
Concen: 44.27 ng  
RT: 7.711 min Scan# 786  
Delta R.T. 0.000 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

Tgt Ion:146 Resp: 49635  
Ion Ratio Lower Upper  
146 100  
148 66.9 52.2 78.4  
111 44.0 34.2 51.4

Instrument :  
BNA\_P  
ClientSampleId :  
PB136243BS

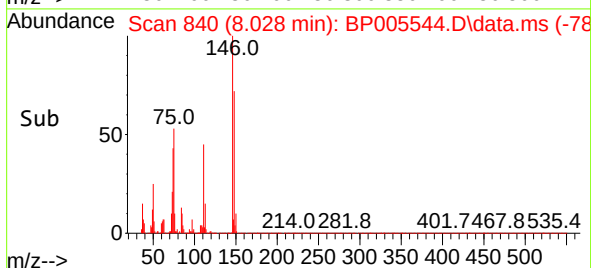
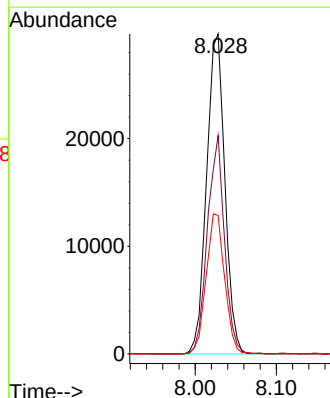
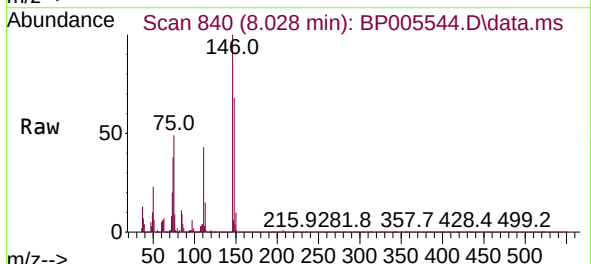
Manual Integrations  
APPROVED

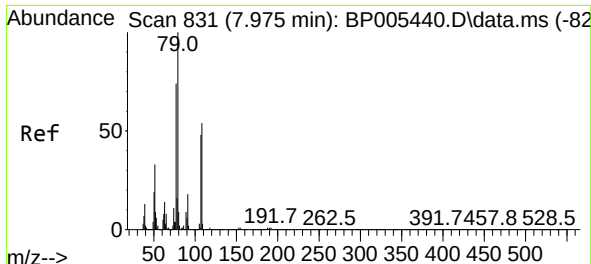
mohammad  
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#14  
1,2-Dichlorobenzene  
Concen: 43.26 ng  
RT: 8.028 min Scan# 840  
Delta R.T. 0.000 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

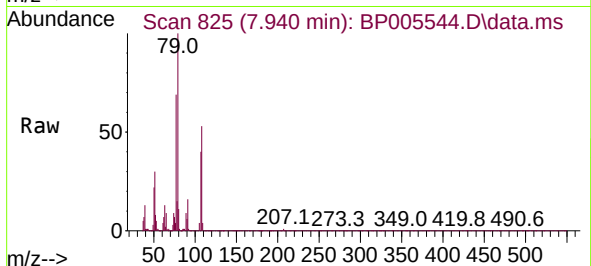
Tgt Ion:146 Resp: 46488  
Ion Ratio Lower Upper  
146 100  
148 68.3 51.5 77.3  
111 43.3 34.0 51.0





#15  
Benzyl Alcohol  
Concen: 45.02 ng  
RT: 7.940 min Scan# 825  
Delta R.T. 0.000 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

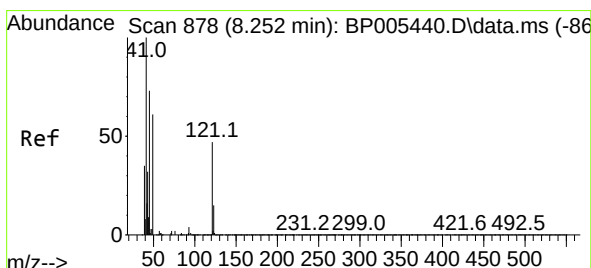
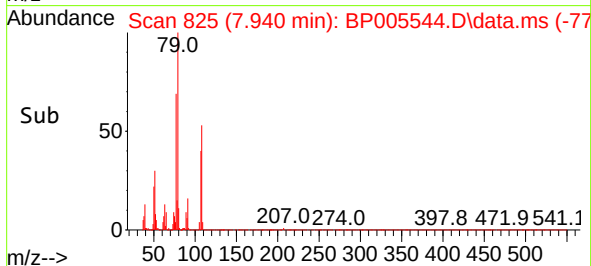
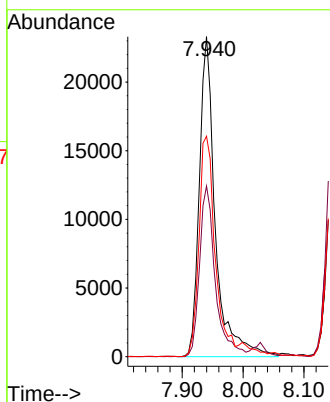
Instrument :  
BNA\_P  
ClientSampleId :  
PB136243BS



Tgt Ion: 79 Resp: 42630  
Ion Ratio Lower Upper  
79 100  
108 53.3 64.0 96.0#  
77 68.9 72.7 109.1#

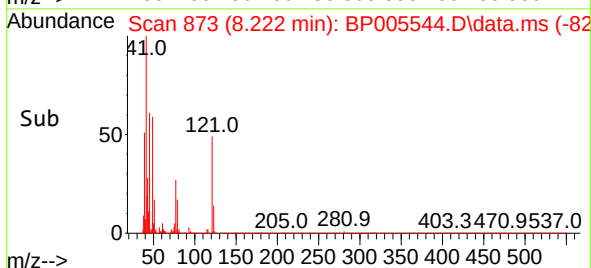
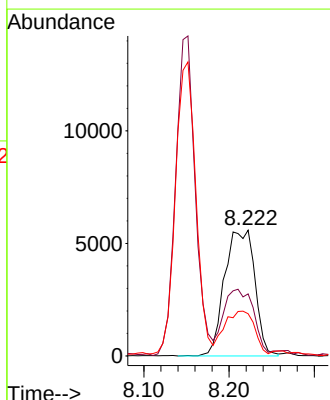
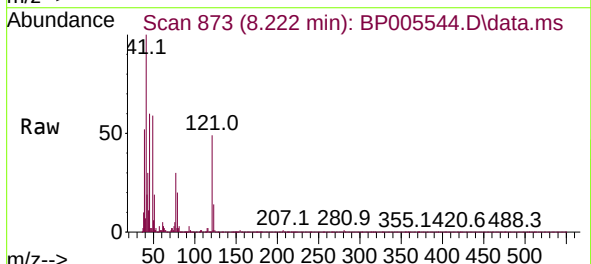
Manual Integrations  
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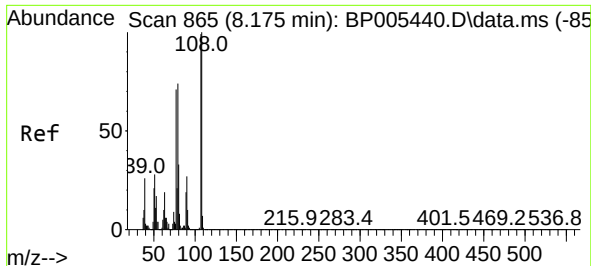
mohammad  
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 41.16 ng  
RT: 8.222 min Scan# 873  
Delta R.T. 0.012 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

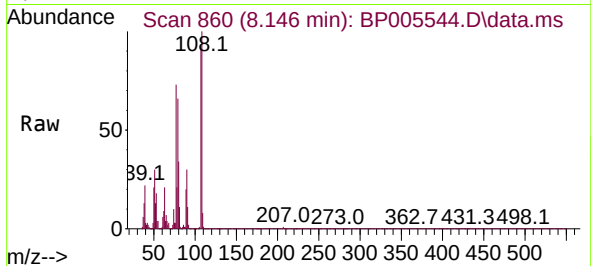
Tgt Ion: 45 Resp: 13781  
Ion Ratio Lower Upper  
45 100  
77 49.4 7.0 47.0#  
79 33.6 1.0 41.0





#17  
2-Methylphenol  
Concen: 42.76 ng  
RT: 8.146 min Scan# 860  
Delta R.T. 0.000 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

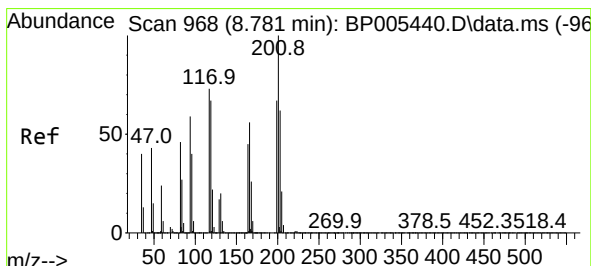
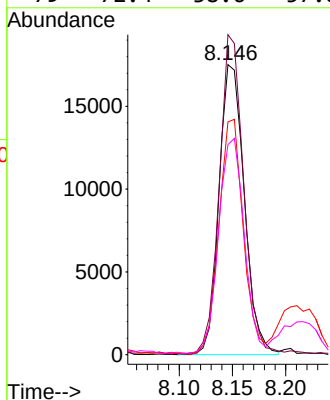
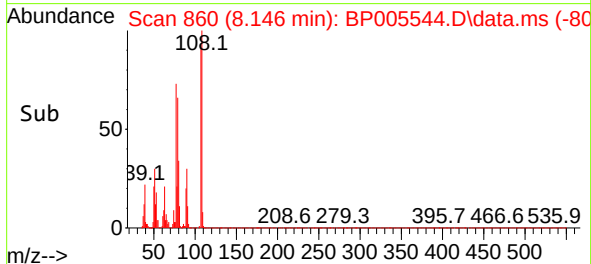
Instrument :  
BNA\_P  
ClientSampleId :  
PB136243BS



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 110.3 | 85.8  | 128.8 |
| 77      | 80.2  | 41.4  | 62.0  |
| 79      | 72.4  | 38.6  | 57.8  |

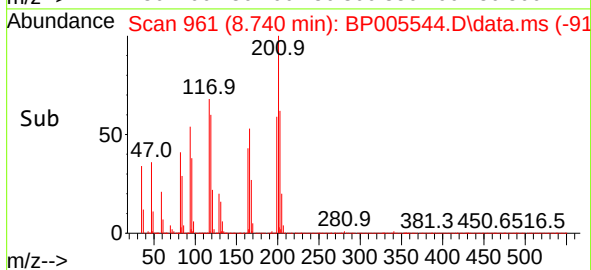
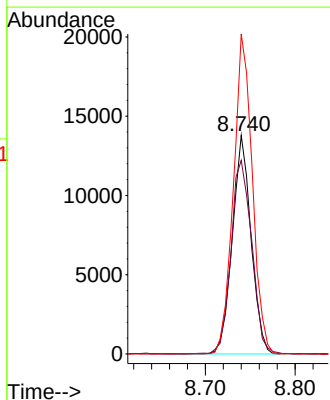
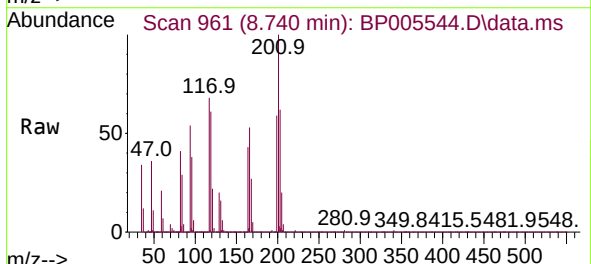
Manual Integrations  
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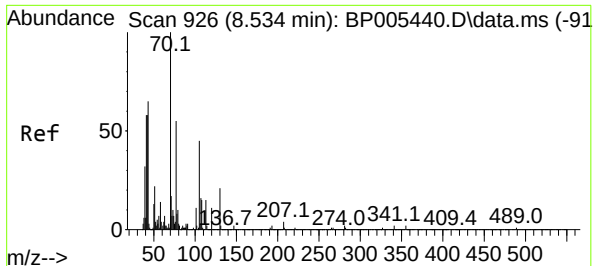
mohammad  
5/17/2021 11:19:05 AM



#18  
Hexachloroethane  
Concen: 42.98 ng  
RT: 8.740 min Scan# 961  
Delta R.T. 0.000 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

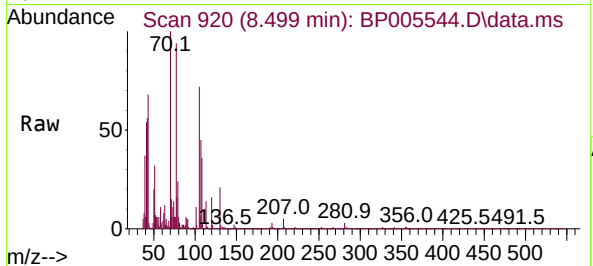
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 88.6  | 80.1  | 120.1 |
| 201     | 146.4 | 98.8  | 148.2 |





#19  
n-Nitroso-di-n-propylamine  
Concen: 41.86 ng  
RT: 8.499 min Scan# 920  
Delta R.T. 0.000 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

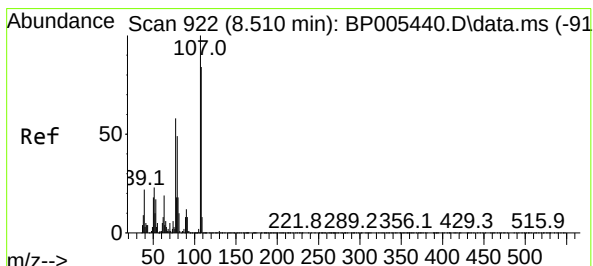
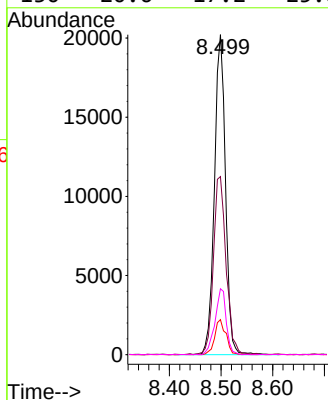
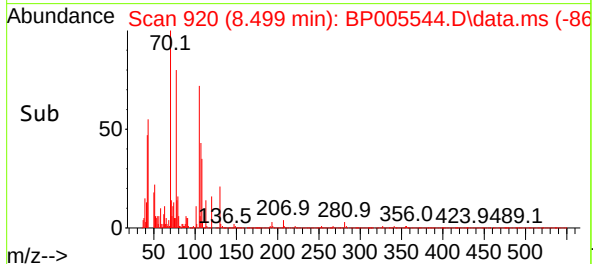
Instrument :  
BNA\_P  
ClientSampleId :  
PB136243BS



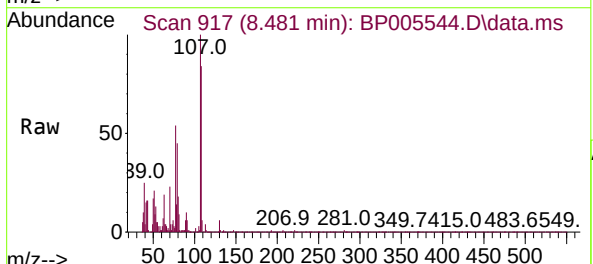
| Tgt Ion:  | 70    | Resp: | 30093 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 70        | 100   |       |       |
| 42        | 55.6  | 39.7  | 59.5  |
| 101       | 10.9  | 7.4   | 11.0  |
| 130       | 20.6  | 17.2  | 25.8  |

Manual Integrations  
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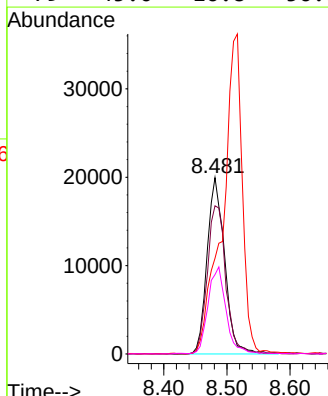
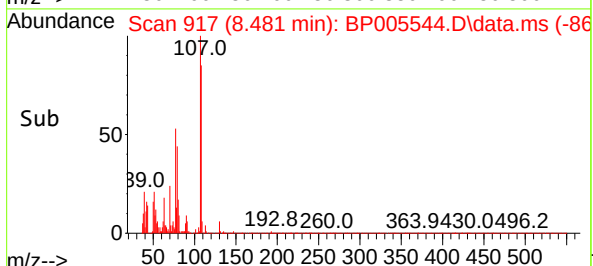
mohammad  
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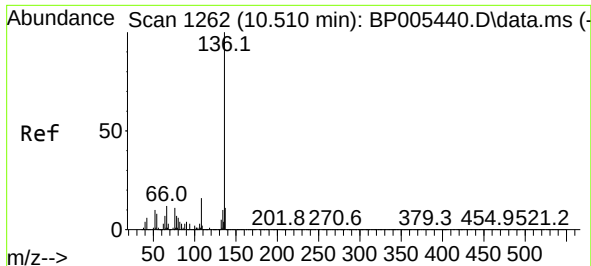


#20  
3+4-Methylphenols  
Concen: 43.15 ng  
RT: 8.481 min Scan# 917  
Delta R.T. 0.000 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21



| Tgt Ion:  | 107   | Resp: | 38678 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 107       | 100   |       |       |
| 108       | 84.1  | 69.5  | 109.5 |
| 77        | 54.2  | 21.5  | 61.5  |
| 79        | 45.0  | 16.8  | 56.8  |





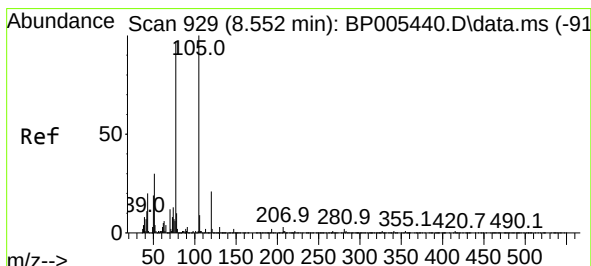
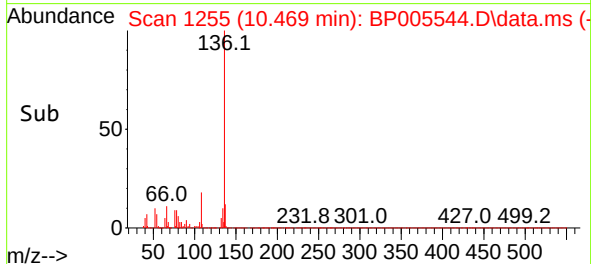
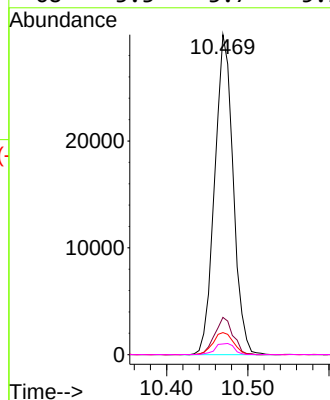
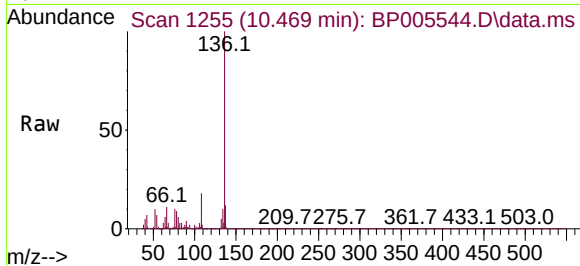
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.469 min Scan# 1255  
Delta R.T. 0.000 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 47523 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.7  | 8.9   | 13.3  |
| 54        | 6.9   | 5.0   | 7.4   |
| 68        | 3.3   | 3.7   | 5.5#  |

Instrument :  
BNA\_P  
ClientSampleId :  
PB136243BS

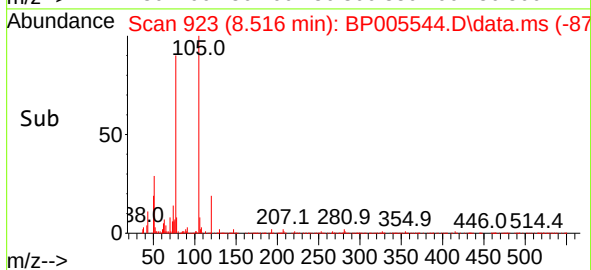
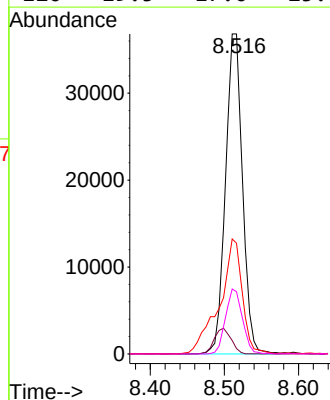
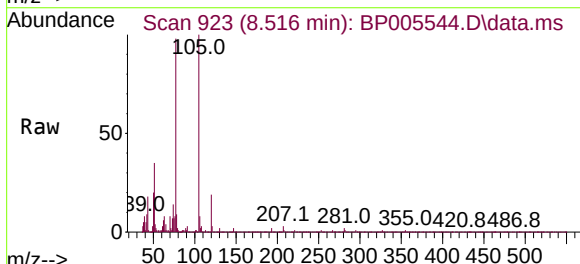
Manual Integrations  
APPROVED

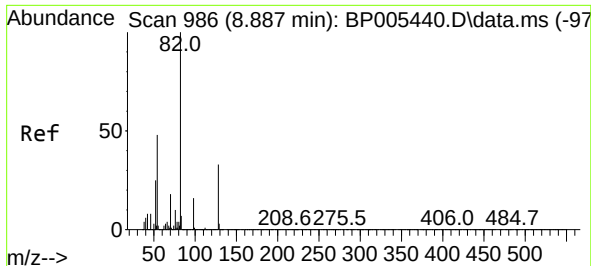
mohammad  
5/17/2021 11:19:05 AM



#22  
Acetophenone  
Concen: 43.73 ng  
RT: 8.516 min Scan# 923  
Delta R.T. 0.006 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

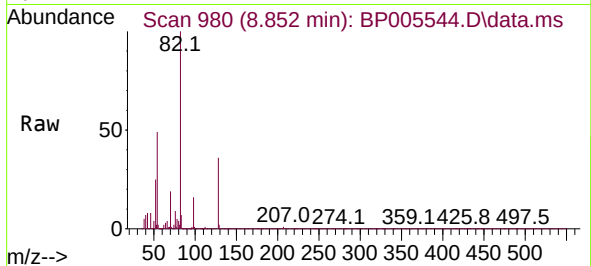
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 105   | Resp: | 58622 |
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 71        | 1.7   | 0.9   | 1.3#  |
| 51        | 34.6  | 18.2  | 27.2# |
| 120       | 19.5  | 17.0  | 25.6  |





#23  
Nitrobenzene-d5  
Concen: 86.96 ng  
RT: 8.852 min Scan# 980  
Delta R.T. 0.000 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

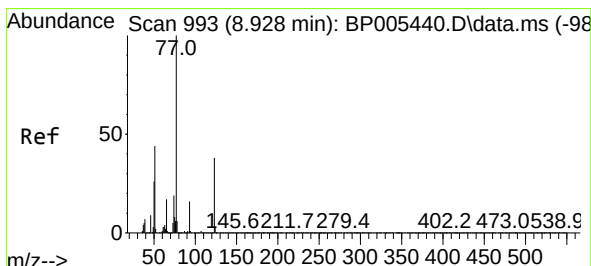
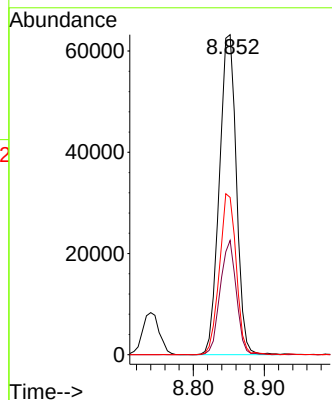
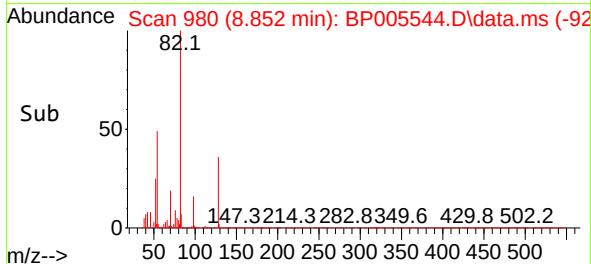
Instrument :  
BNA\_P  
ClientSampleId :  
PB136243BS



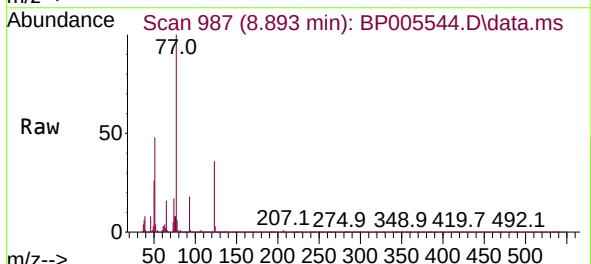
Tgt Ion: 82 Resp: 105000  
Ion Ratio Lower Upper  
82 100  
128 35.7 30.5 45.7  
54 49.1 33.9 50.9

Manual Integrations  
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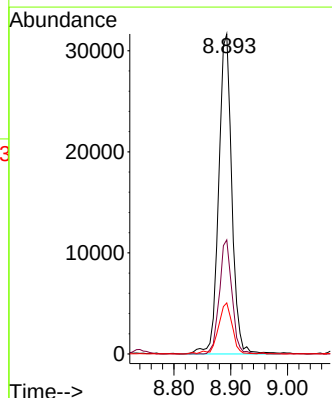
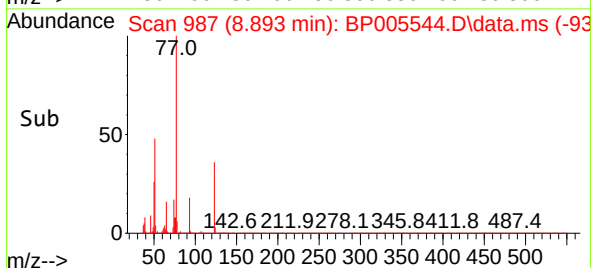
mohammad  
5/17/2021 11:19:05 AM

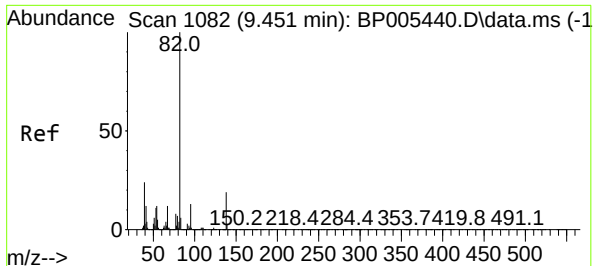


#24  
Nitrobenzene  
Concen: 41.98 ng  
RT: 8.893 min Scan# 987  
Delta R.T. 0.000 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21



Tgt Ion: 77 Resp: 50845  
Ion Ratio Lower Upper  
77 100  
123 35.6 31.7 47.5  
65 15.9 11.5 17.3





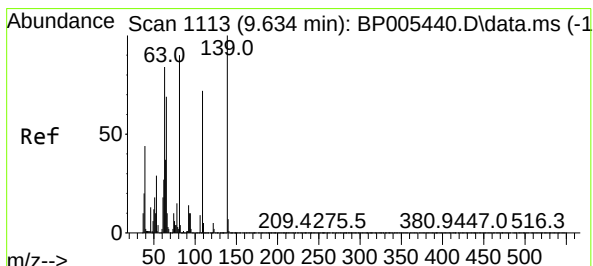
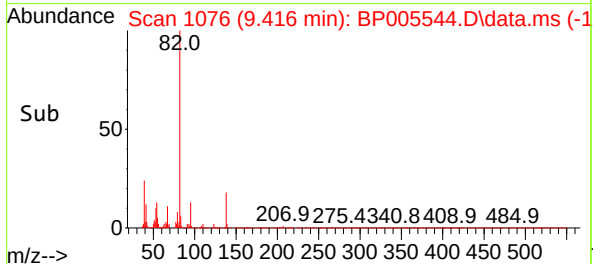
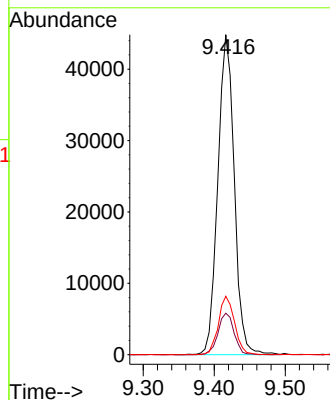
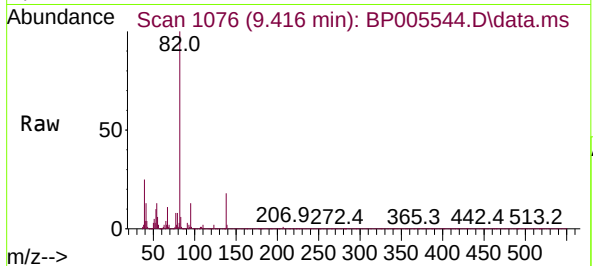
#25  
Isophorone  
Concen: 38.45 ng  
RT: 9.416 min Scan# 1076  
Delta R.T. 0.000 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

|             |             |
|-------------|-------------|
| Tgt Ion: 82 | Resp: 71889 |
| Ion Ratio   | Lower Upper |
| 82 100      |             |
| 95 12.9     | 7.5 11.3#   |
| 138 18.3    | 14.6 22.0   |

Instrument :  
BNA\_P  
ClientSampleId :  
PB136243BS

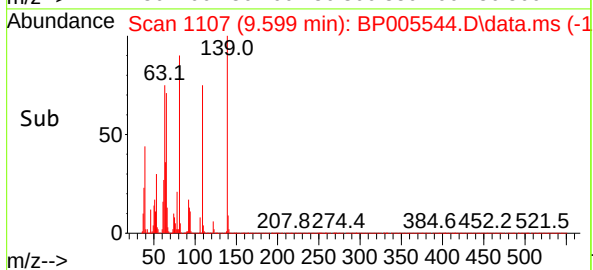
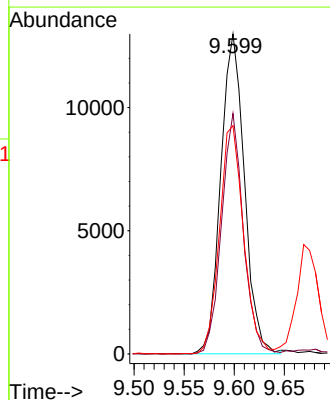
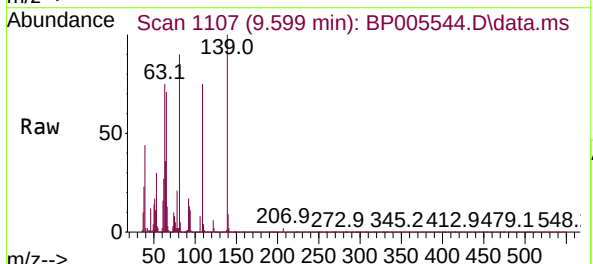
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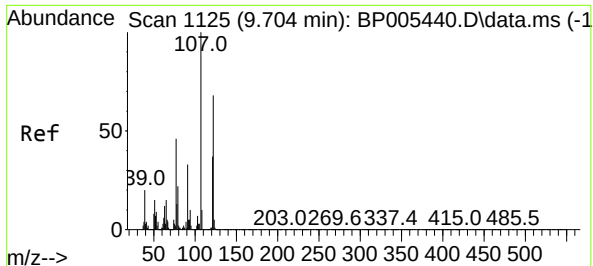


#26  
2-Nitrophenol  
Concen: 41.80 ng  
RT: 9.599 min Scan# 1107  
Delta R.T. 0.000 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

|              |             |
|--------------|-------------|
| Tgt Ion: 139 | Resp: 21200 |
| Ion Ratio    | Lower Upper |
| 139 100      |             |
| 109 75.1     | 40.7 61.1#  |
| 65 71.4      | 47.8 71.6   |

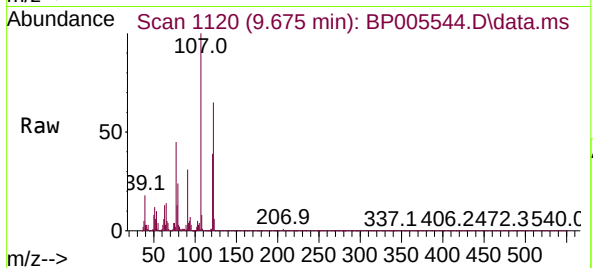






#27  
2,4-Dimethylphenol  
Concen: 47.51 ng  
RT: 9.675 min Scan# 1120  
Delta R.T. 0.000 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

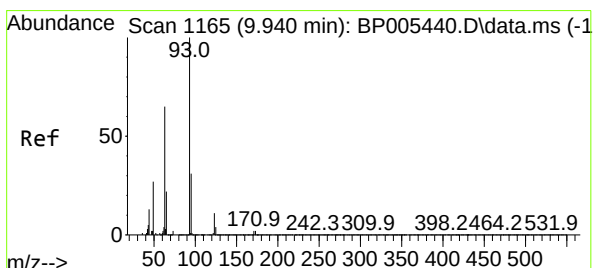
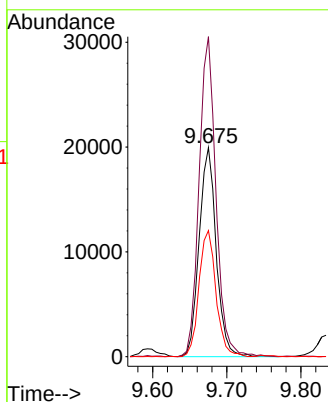
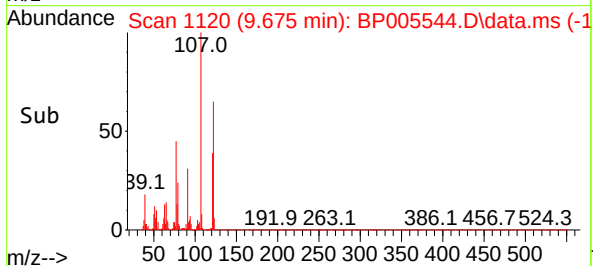
Instrument :  
BNA\_P  
ClientSampleId :  
PB136243BS



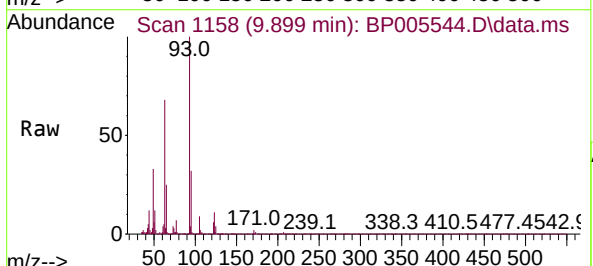
Tgt Ion: 122 Resp: 31895  
Ion Ratio Lower Upper  
122 100  
107 153.0 93.8 140.8#  
121 60.3 45.6 68.4

Manual Integrations  
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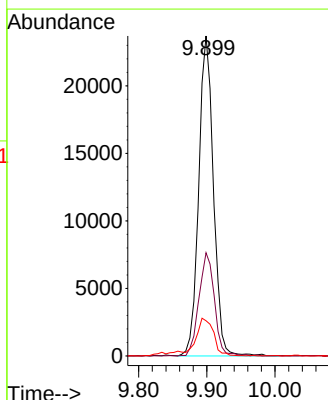
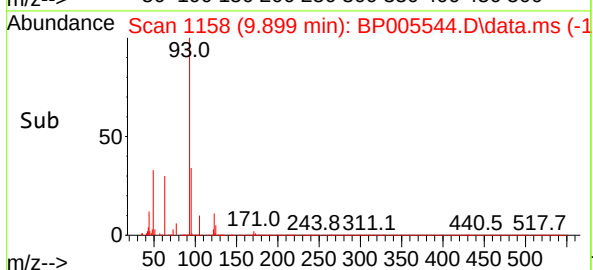
mohammad  
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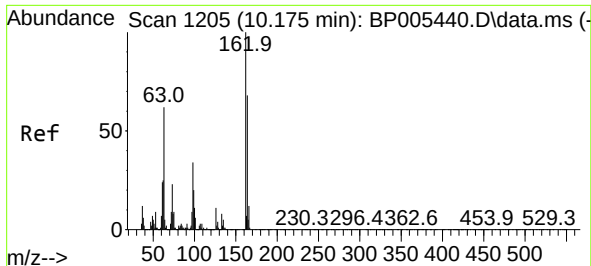


#28  
bis(2-Chloroethoxy)methane  
Concen: 45.36 ng  
RT: 9.899 min Scan# 1158  
Delta R.T. 0.000 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21



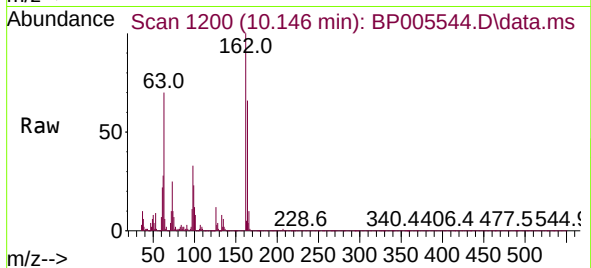
Tgt Ion: 93 Resp: 35503  
Ion Ratio Lower Upper  
93 100  
95 32.3 24.9 37.3  
123 11.0 9.5 14.3





#29  
2,4-Dichlorophenol  
Concen: 39.92 ng  
RT: 10.146 min Scan# 1200  
Delta R.T. 0.000 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

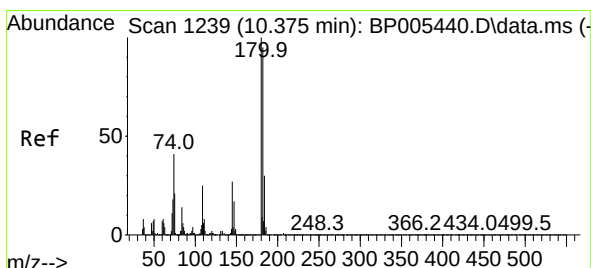
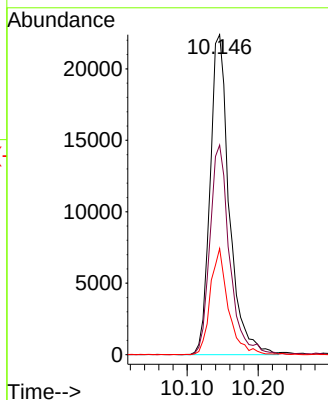
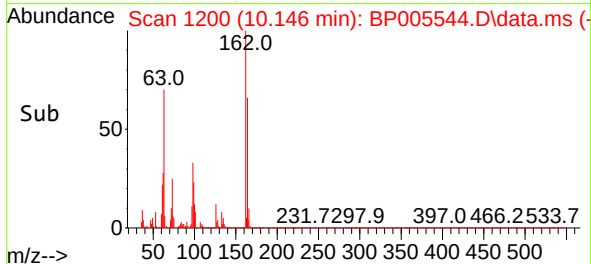
Instrument :  
BNA\_P  
ClientSampleId :  
PB136243BS



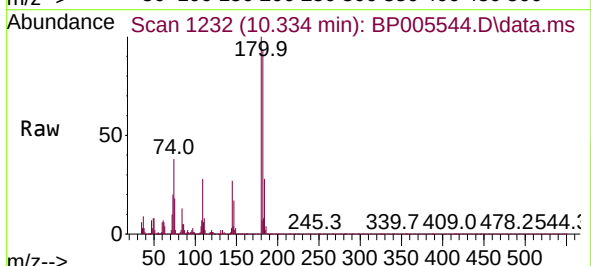
Tgt Ion:162 Resp: 42084  
Ion Ratio Lower Upper  
162 100  
164 65.5 44.1 84.1  
98 33.2 12.6 52.6

Manual Integrations  
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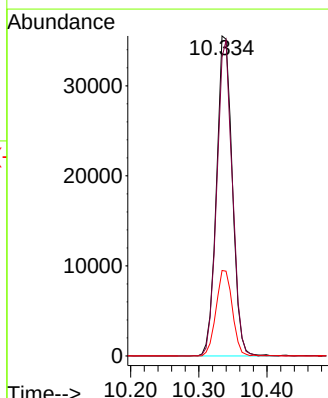
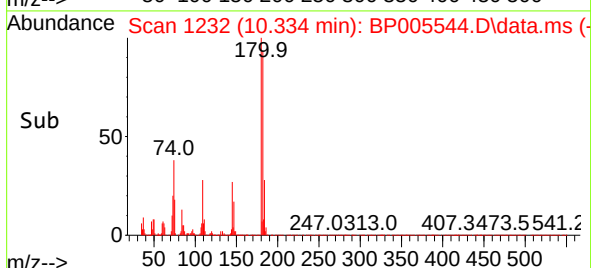
mohammad  
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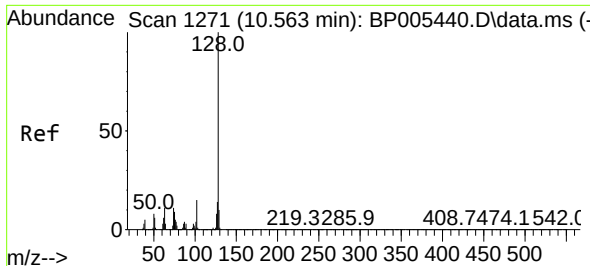


#30  
1,2,4-Trichlorobenzene  
Concen: 42.56 ng  
RT: 10.334 min Scan# 1232  
Delta R.T. -0.006 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21



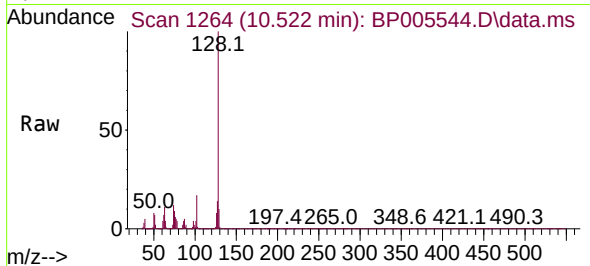
Tgt Ion:180 Resp: 57308  
Ion Ratio Lower Upper  
180 100  
182 93.4 77.2 115.8  
145 26.7 21.7 32.5





#31  
Naphthalene  
Concen: 41.50 ng  
RT: 10.522 min Scan# 1264  
Delta R.T. 0.000 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

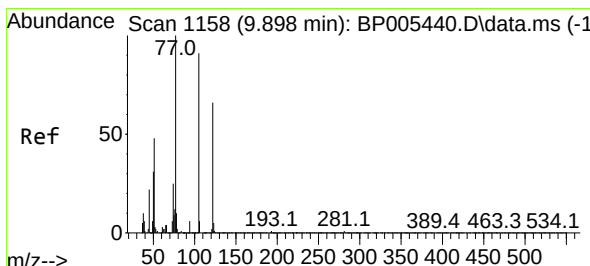
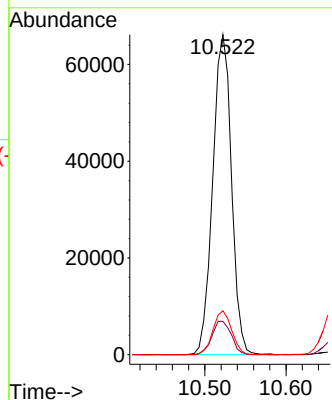
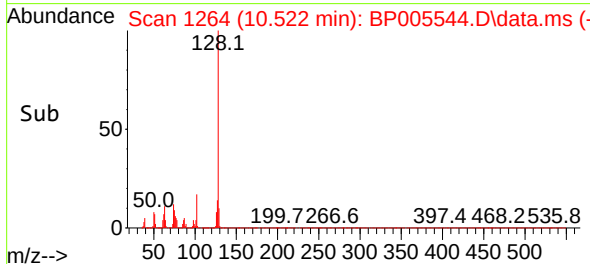
Instrument :  
BNA\_P  
ClientSampleId :  
PB136243BS



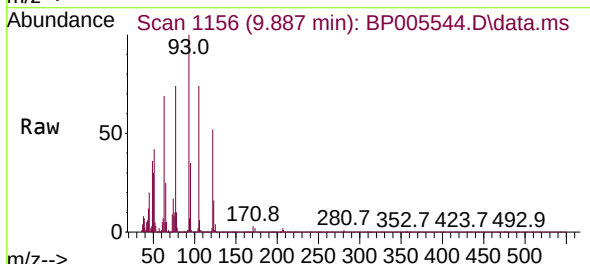
Tgt Ion:128 Resp: 106056  
Ion Ratio Lower Upper  
128 100  
129 10.4 8.0 12.0  
127 13.7 11.1 16.7

Manual Integrations  
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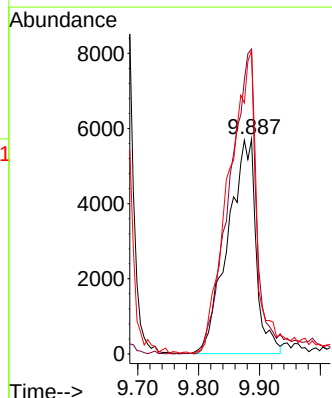
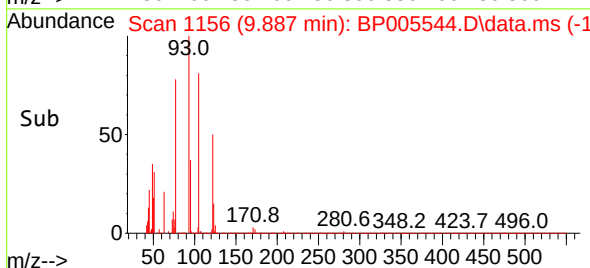
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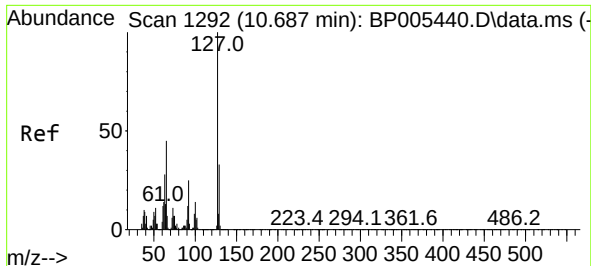


#32  
Benzoic acid  
Concen: 35.67 ng  
RT: 9.887 min Scan# 1156  
Delta R.T. 0.000 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21



Tgt Ion:122 Resp: 18499  
Ion Ratio Lower Upper  
122 100  
105 142.0 105.1 145.1  
77 141.4 69.6 109.6#





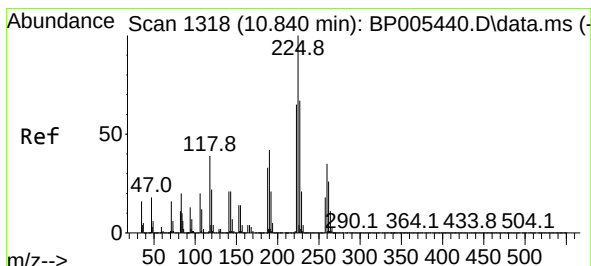
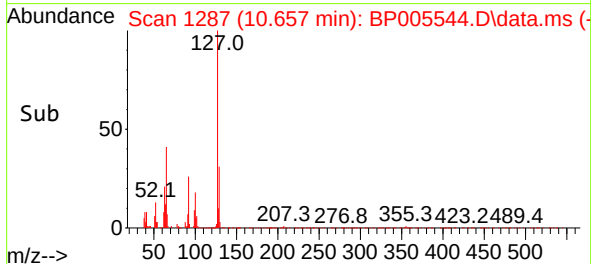
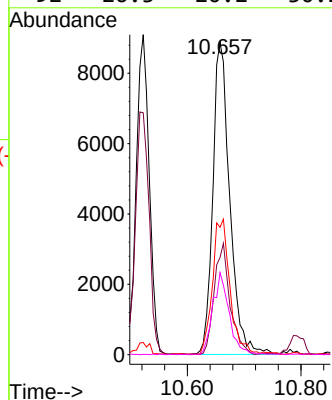
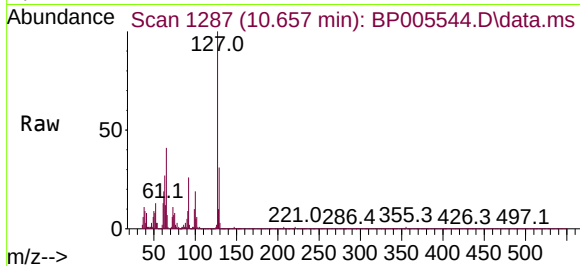
#33  
4-Chloroaniline  
Concen: 18.47 ng  
RT: 10.657 min Scan# 1287  
Delta R.T. 0.006 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 31.2  | 25.5  | 38.3  |
| 65      | 40.8  | 30.0  | 45.0  |
| 92      | 26.3  | 20.2  | 30.2  |

Instrument :  
BNA\_P  
ClientSampleId :  
PB136243BS

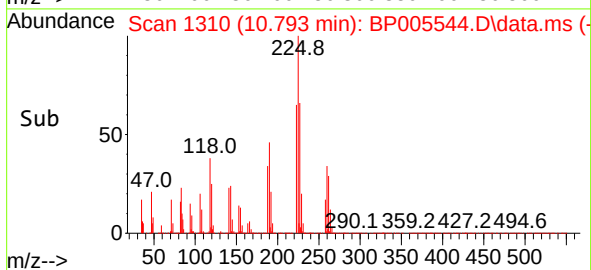
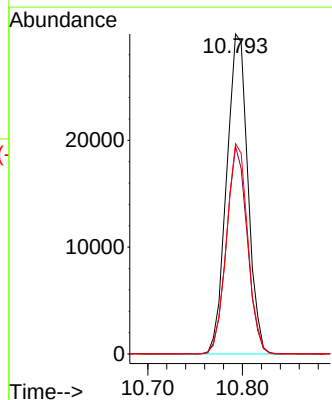
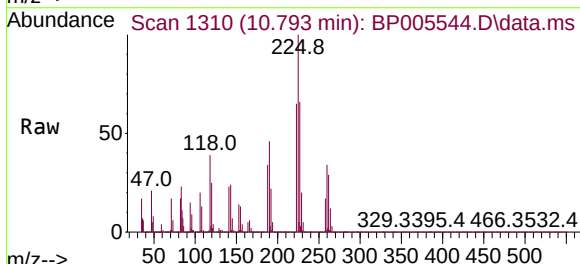
Manual Integrations  
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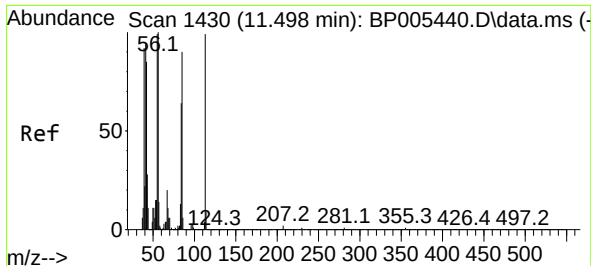
mohammad  
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#34  
Hexachlorobutadiene  
Concen: 41.43 ng  
RT: 10.793 min Scan# 1310  
Delta R.T. -0.006 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

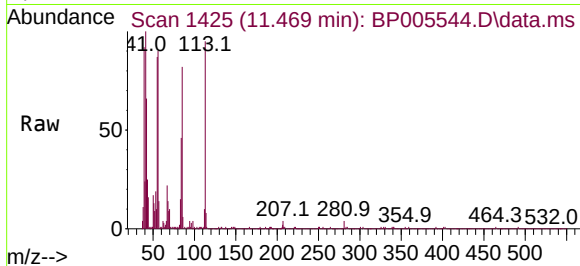
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 64.9  | 51.1  | 76.7  |
| 227     | 65.7  | 50.2  | 75.2  |





#35  
Caprolactam  
Concen: 35.27 ng m  
RT: 11.469 min Scan# 1425  
Delta R.T. 0.000 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

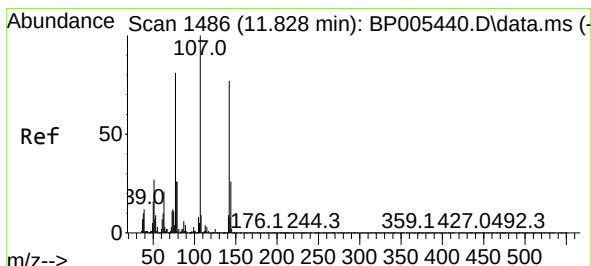
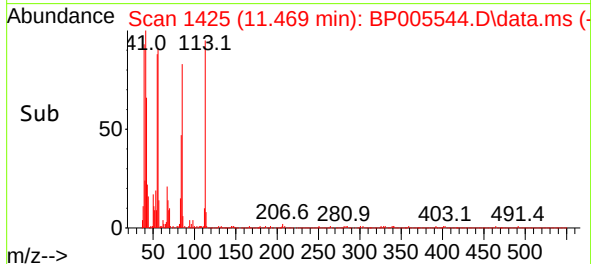
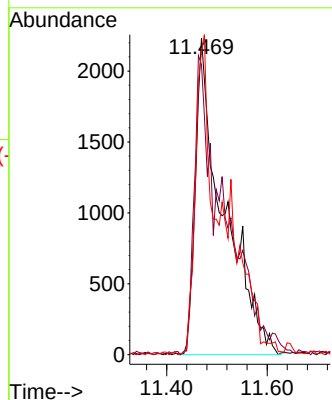
Instrument :  
BNA\_P  
ClientSampleId :  
PB136243BS



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 91.7  | 72.0  | 112.0 |
| 56      | 95.4  | 65.1  | 105.1 |

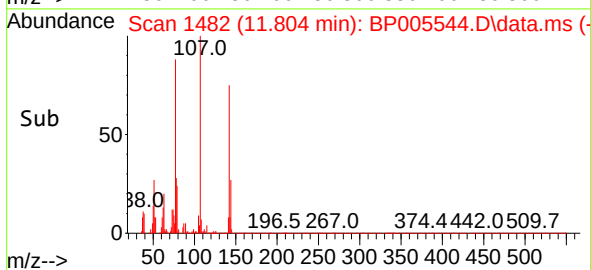
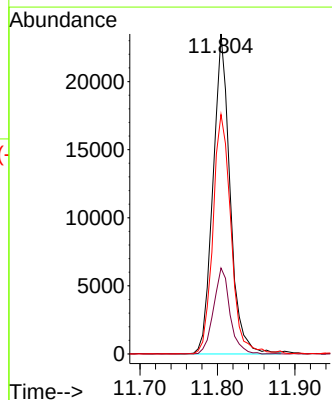
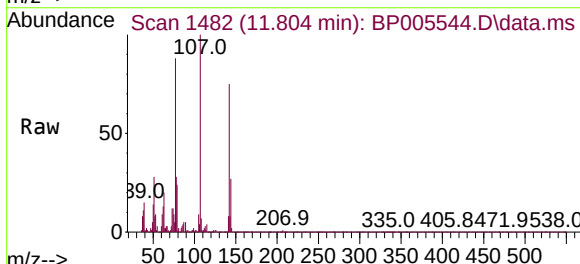
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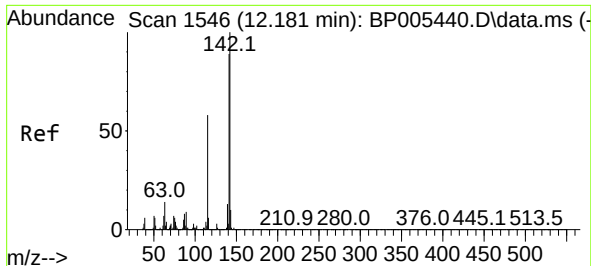
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#36  
4-Chloro-3-methylphenol  
Concen: 38.40 ng  
RT: 11.804 min Scan# 1482  
Delta R.T. 0.000 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 26.9  | 20.1  | 30.1  |
| 142     | 74.9  | 62.2  | 93.4  |





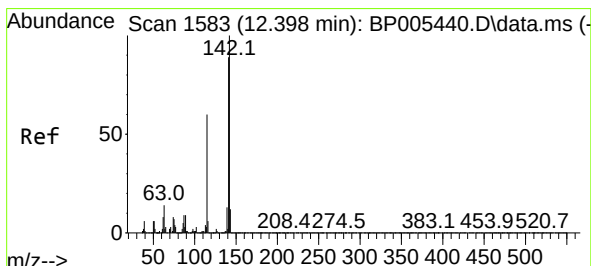
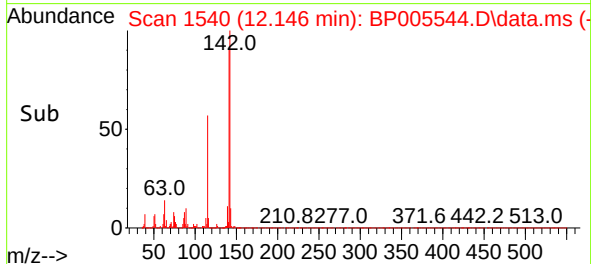
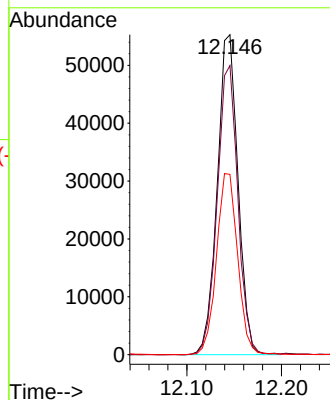
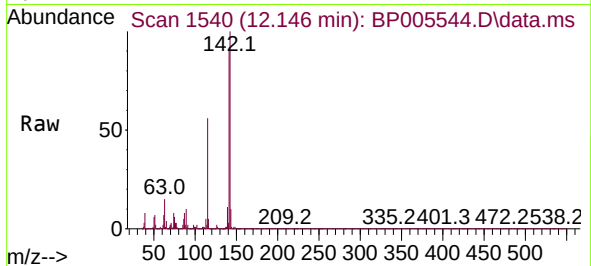
#37  
2-Methylnaphthalene  
Concen: 41.18 ng  
RT: 12.146 min Scan# 1540  
Delta R.T. 0.000 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

Tgt Ion:142 Resp: 84413  
Ion Ratio Lower Upper  
142 100  
141 90.4 74.7 112.1  
115 56.3 43.8 65.8

Instrument :  
BNA\_P  
ClientSampleId :  
PB136243BS

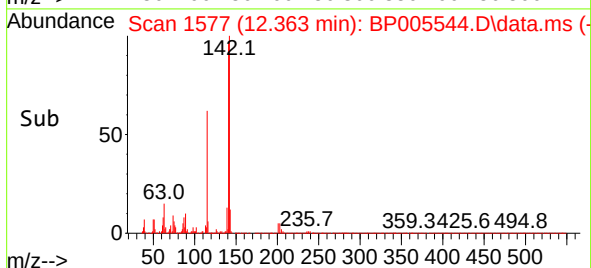
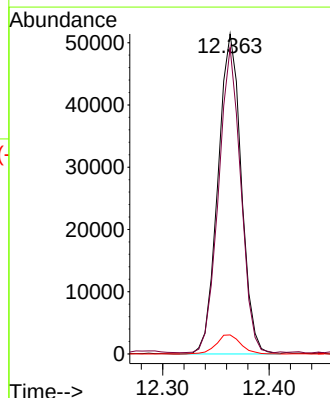
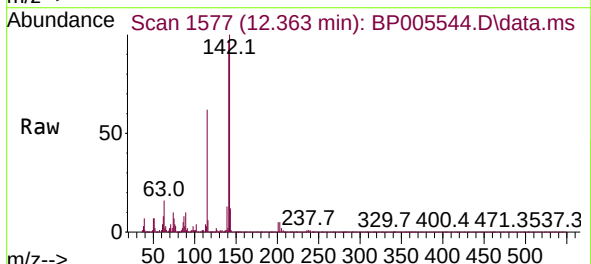
Manual Integrations  
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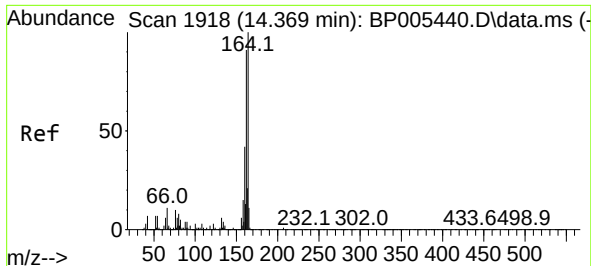
mohammad  
5/17/2021 11:19:05 AM



#38  
1-Methylnaphthalene  
Concen: 40.33 ng  
RT: 12.363 min Scan# 1577  
Delta R.T. 0.000 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

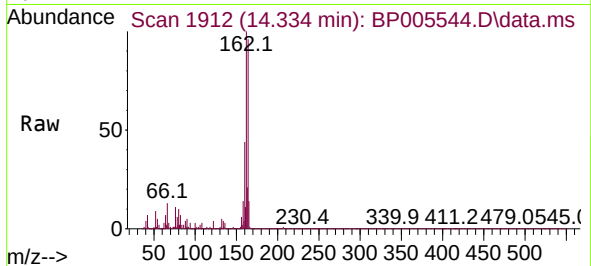
Tgt Ion:142 Resp: 78046  
Ion Ratio Lower Upper  
142 100  
141 95.8 77.0 115.6  
116 6.0 5.0 7.6





#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.334 min Scan# 1912  
Delta R.T. 0.000 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

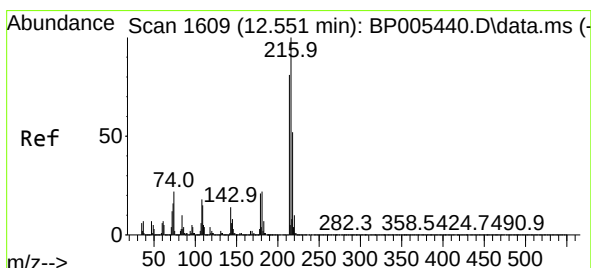
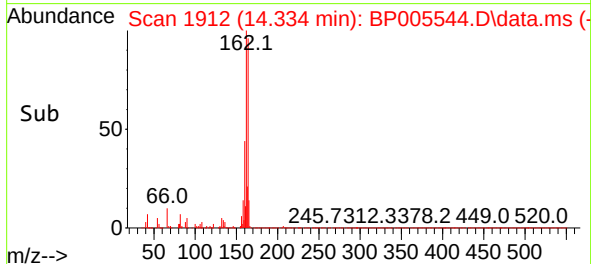
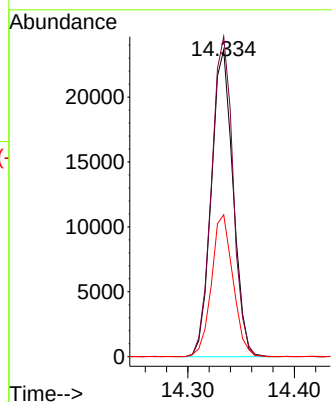
Instrument :  
BNA\_P  
ClientSampleId :  
PB136243BS



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 104.3 | 73.5  | 110.3 |
| 160     | 46.3  | 40.6  | 61.0  |

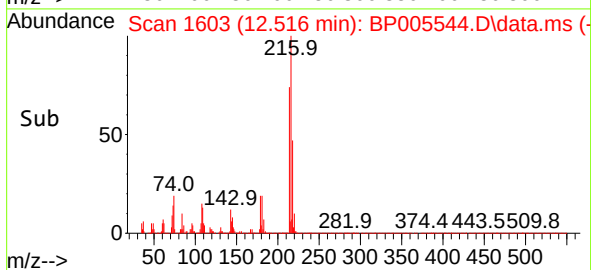
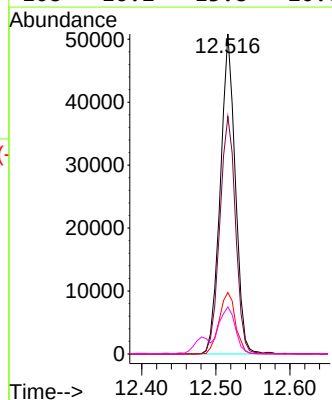
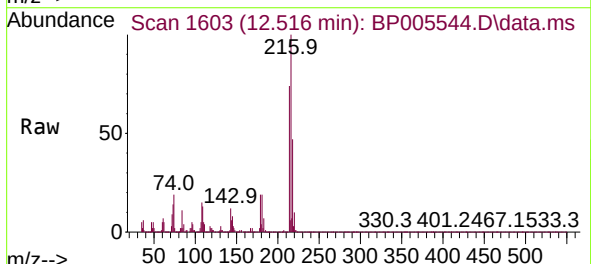
Manual Integrations  
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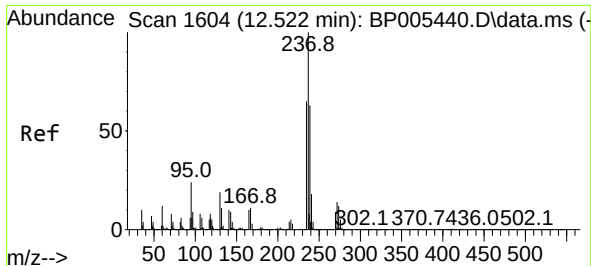
mohammad  
5/17/2021 11:19:05 AM



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 46.67 ng  
RT: 12.516 min Scan# 1603  
Delta R.T. 0.000 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

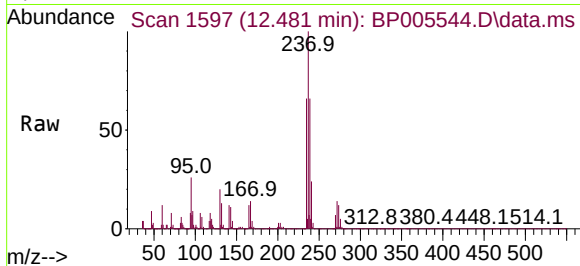
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 78.0  | 60.6  | 91.0  |
| 179     | 21.0  | 15.3  | 22.9  |
| 108     | 16.2  | 13.8  | 20.6  |





#41  
Hexachlorocyclopentadiene  
Concen: 105.57 ng  
RT: 12.481 min Scan# 1597  
Delta R.T. 0.000 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

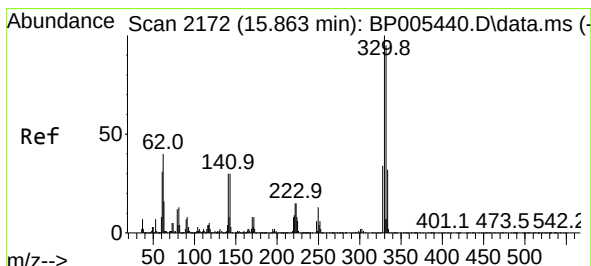
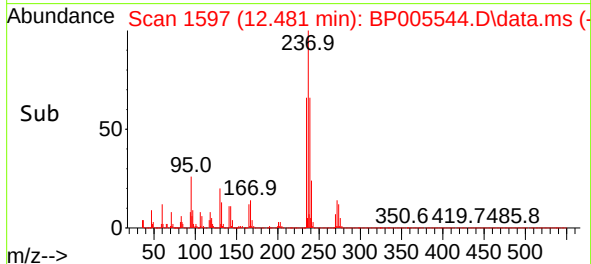
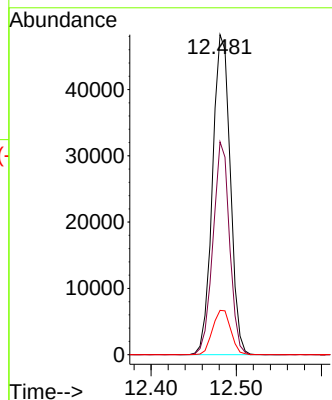
Instrument :  
BNA\_P  
ClientSampleId :  
PB136243BS



Tgt Ion: 237 Resp: 69760  
Ion Ratio Lower Upper  
237 100  
235 66.5 40.9 80.9  
272 13.9 0.0 34.6

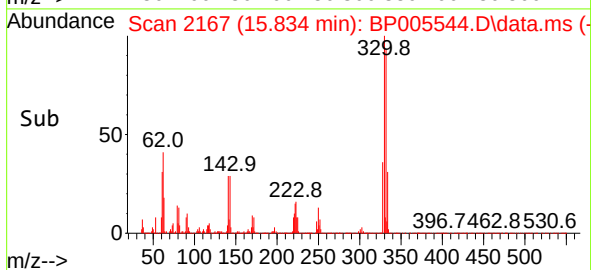
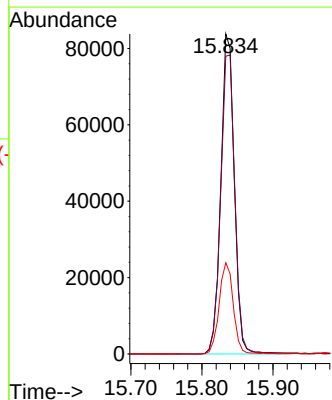
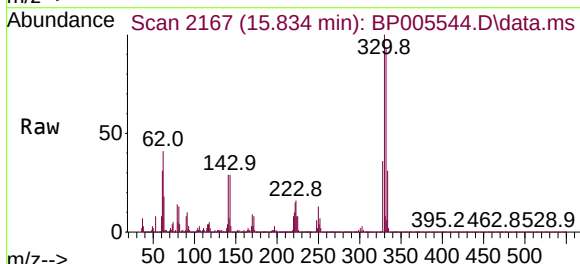
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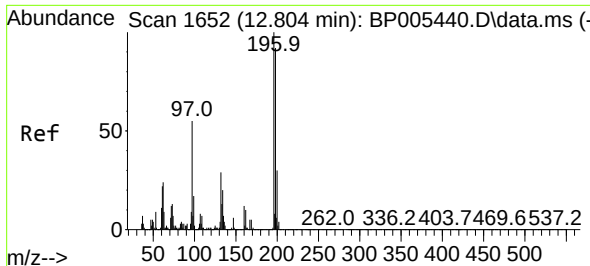


#42  
2,4,6-Tribromophenol  
Concen: 116.49 ng  
RT: 15.834 min Scan# 2167  
Delta R.T. -0.006 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

Tgt Ion: 330 Resp: 110175  
Ion Ratio Lower Upper  
330 100  
332 97.8 76.3 114.5  
141 29.9 22.8 34.2







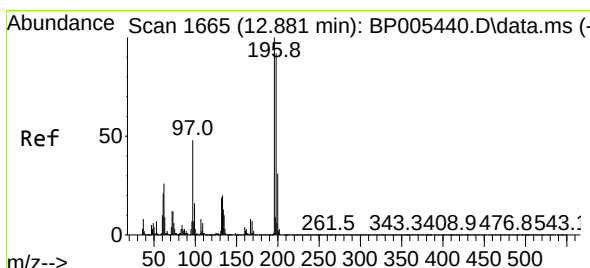
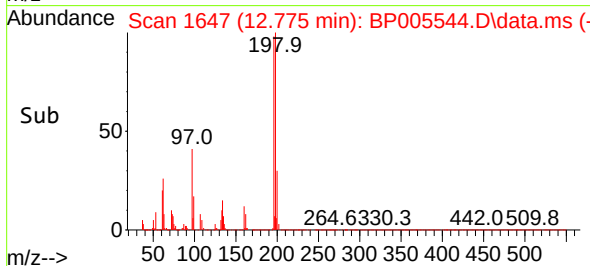
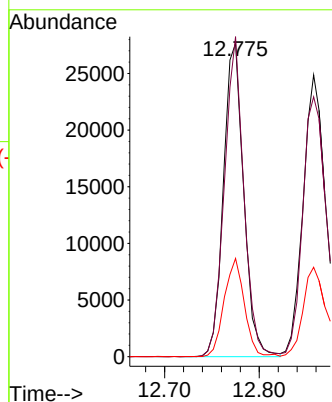
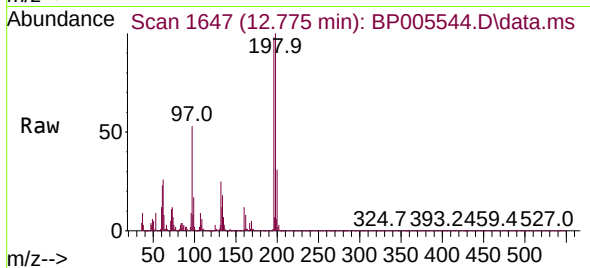
#43  
2,4,6-Trichlorophenol  
Concen: 43.00 ng  
RT: 12.775 min Scan# 1647  
Delta R.T. 0.000 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

Instrument :  
BNA\_P  
ClientSampled :  
PB136243BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 102.1 | 81.4  | 122.2 |
| 200     | 31.4  | 28.2  | 42.2  |

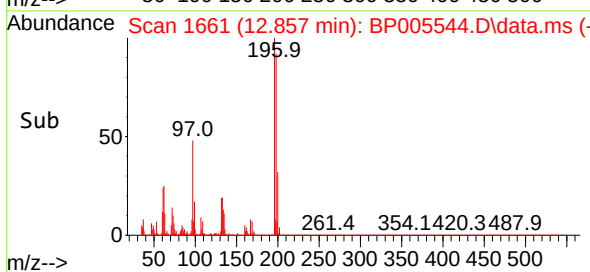
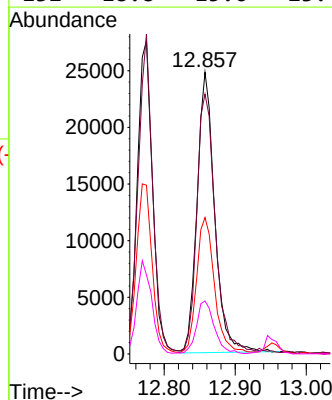
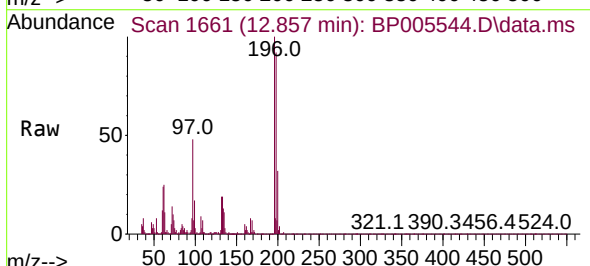
Manual Integrations  
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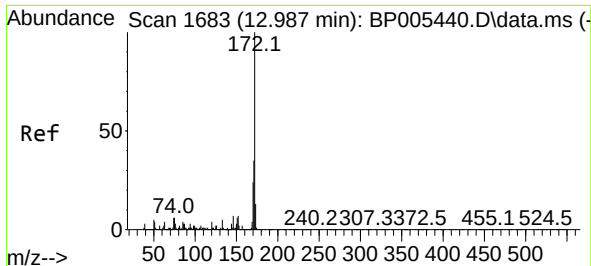
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#44  
2,4,5-Trichlorophenol  
Concen: 41.41 ng  
RT: 12.857 min Scan# 1661  
Delta R.T. 0.000 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 92.2  | 71.0  | 106.4 |
| 97      | 48.4  | 38.5  | 57.7  |
| 132     | 18.8  | 15.6  | 23.4  |





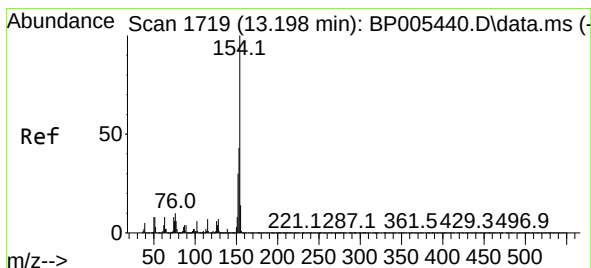
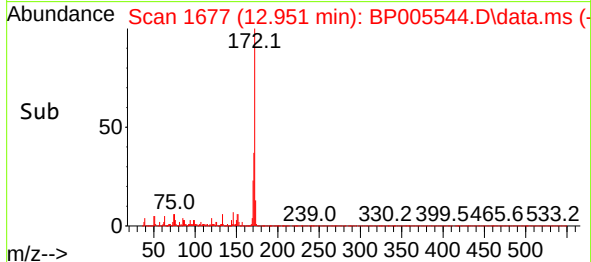
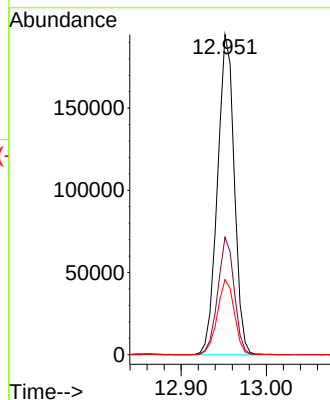
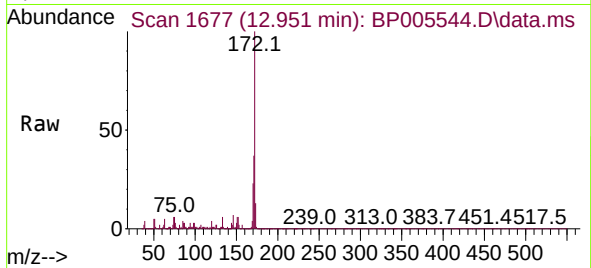
#45  
2-Fluorobiphenyl  
Concen: 90.15 ng  
RT: 12.951 min Scan# 1677  
Delta R.T. 0.000 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 172   | Resp: | 266341 |
| Ion Ratio | Lower | Upper |        |
| 172       | 100   |       |        |
| 171       | 36.7  | 28.1  | 42.1   |
| 170       | 23.5  | 19.6  | 29.4   |

Instrument :  
BNA\_P  
ClientSampleId :  
PB136243BS

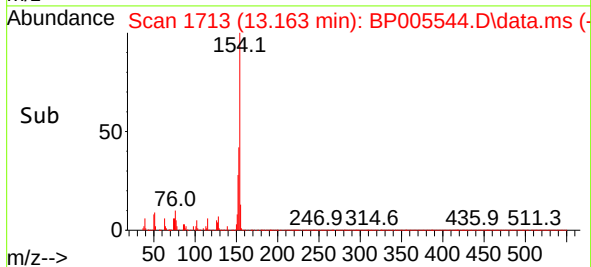
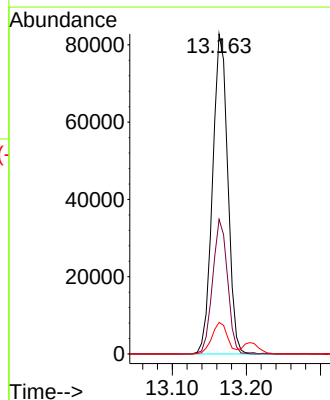
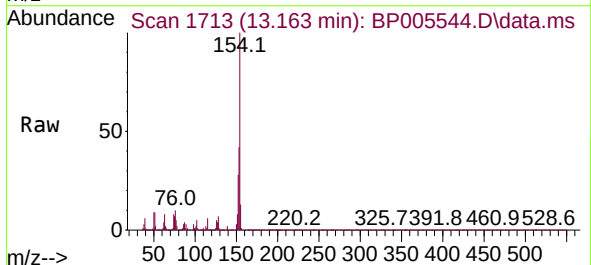
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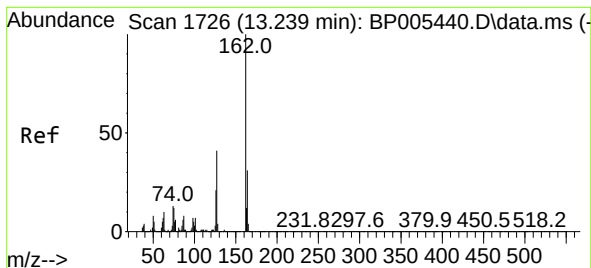
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#46  
1,1'-Biphenyl  
Concen: 45.90 ng  
RT: 13.163 min Scan# 1713  
Delta R.T. 0.000 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 117789 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 42.0  | 18.9  | 58.9   |
| 76        | 9.8   | 0.0   | 32.1   |





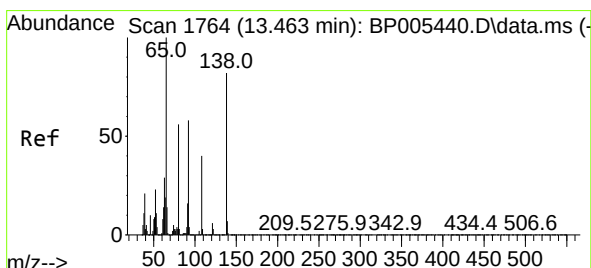
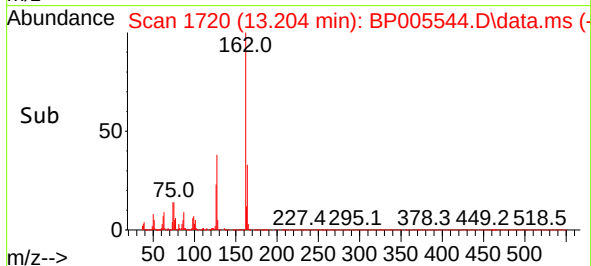
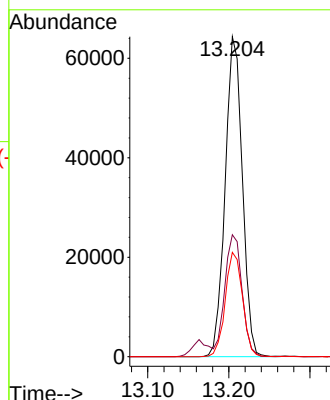
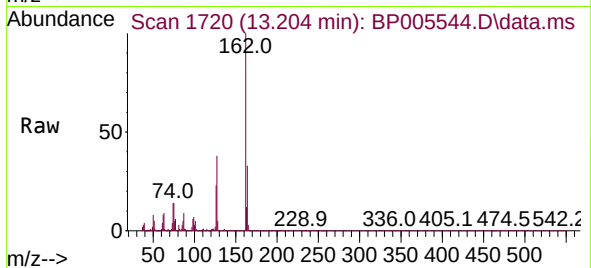
#47  
2-Chloronaphthalene  
Concen: 44.47 ng  
RT: 13.204 min Scan# 1720  
Delta R.T. 0.000 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 162   | Resp: | 95024 |
| Ion Ratio | Lower | Upper |       |
| 162       | 100   |       |       |
| 127       | 38.1  | 31.4  | 47.0  |
| 164       | 32.6  | 26.6  | 39.8  |

Instrument :  
BNA\_P  
ClientSampleId :  
PB136243BS

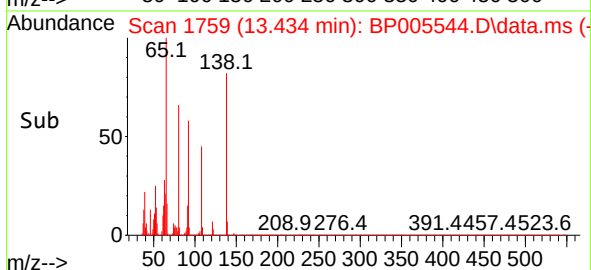
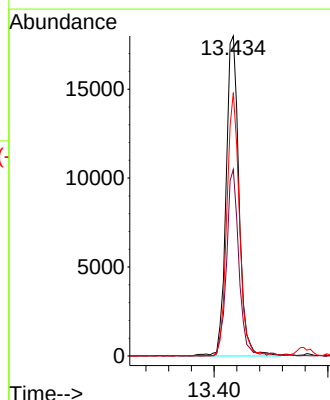
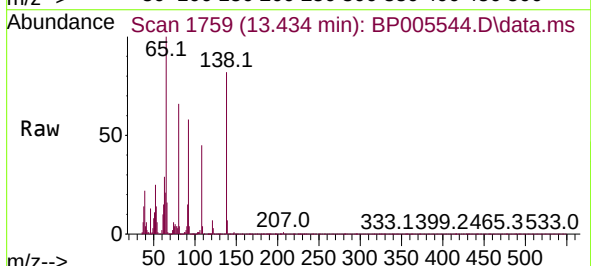
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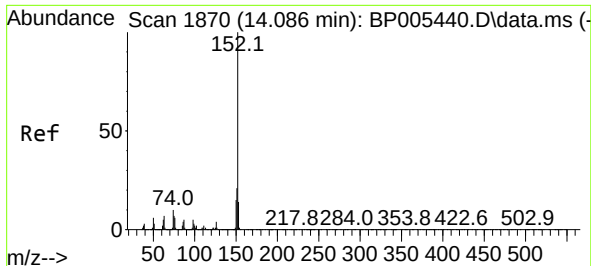
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#48  
2-Nitroaniline  
Concen: 46.75 ng  
RT: 13.434 min Scan# 1759  
Delta R.T. 0.000 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 65    | Resp: | 28373 |
| Ion Ratio | Lower | Upper |       |
| 65        | 100   |       |       |
| 92        | 58.3  | 48.8  | 73.2  |
| 138       | 82.3  | 69.5  | 104.3 |





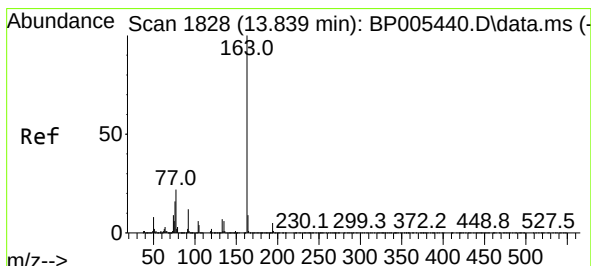
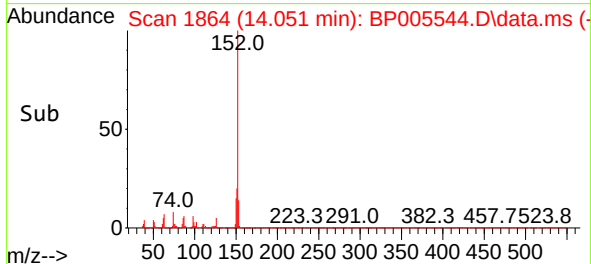
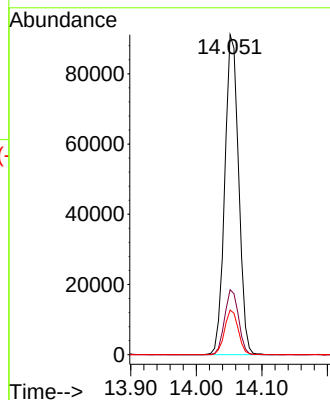
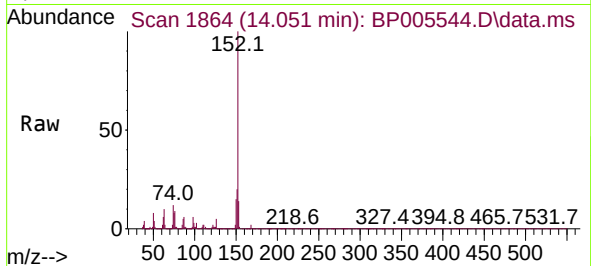
#49  
Acenaphthylene  
Concen: 43.28 ng  
RT: 14.051 min Scan# 1864  
Delta R.T. 0.000 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

Tgt Ion:152 Resp: 133236  
Ion Ratio Lower Upper  
152 100  
151 20.3 15.8 23.6  
153 14.0 10.5 15.7

Instrument :  
BNA\_P  
ClientSampleId :  
PB136243BS

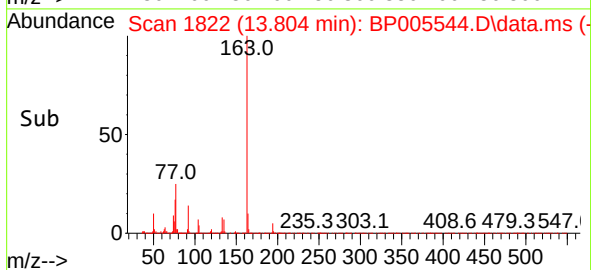
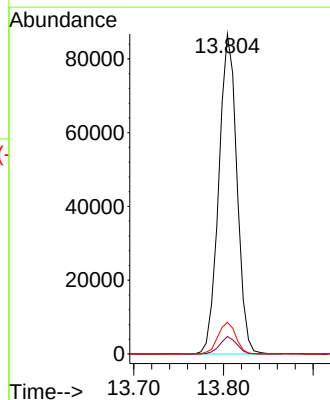
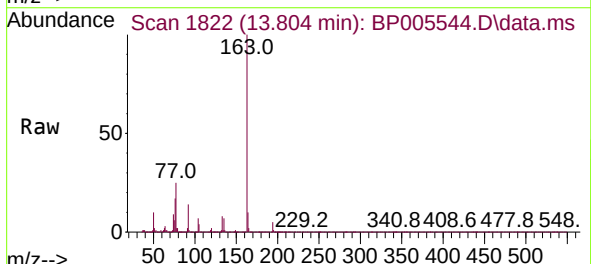
Manual Integrations  
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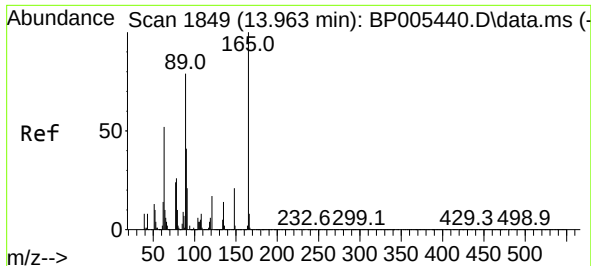
mohammad  
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#50  
Dimethylphthalate  
Concen: 42.28 ng  
RT: 13.804 min Scan# 1822  
Delta R.T. -0.006 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

Tgt Ion:163 Resp: 121646  
Ion Ratio Lower Upper  
163 100  
194 5.5 3.9 5.9  
164 9.9 8.1 12.1





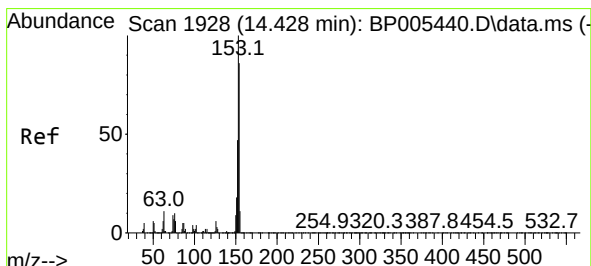
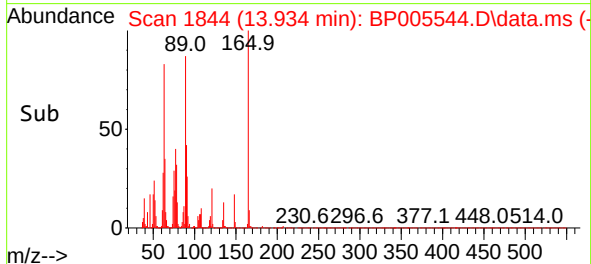
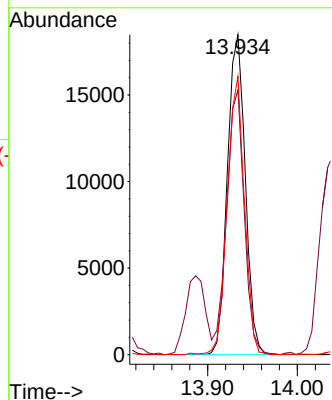
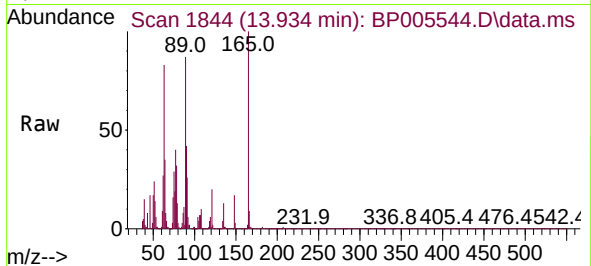
#51  
2,6-Dinitrotoluene  
Concen: 39.45 ng  
RT: 13.934 min Scan# 1844  
Delta R.T. 0.000 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

Tgt Ion:165 Resp: 25483  
Ion Ratio Lower Upper  
165 100  
63 82.7 67.4 101.0  
89 86.9 73.8 110.6

Instrument :  
BNA\_P  
ClientSampleId :  
PB136243BS

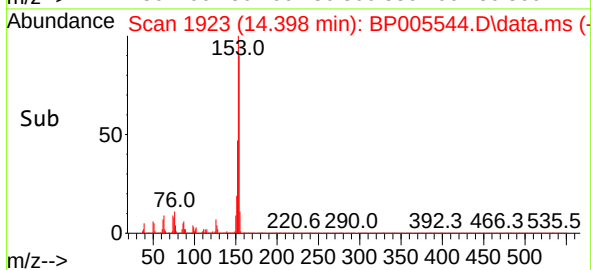
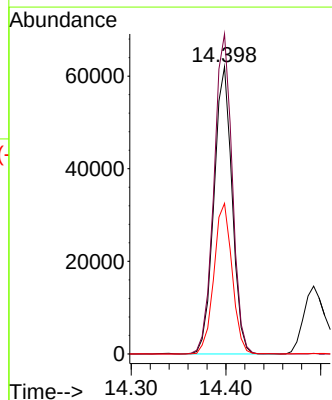
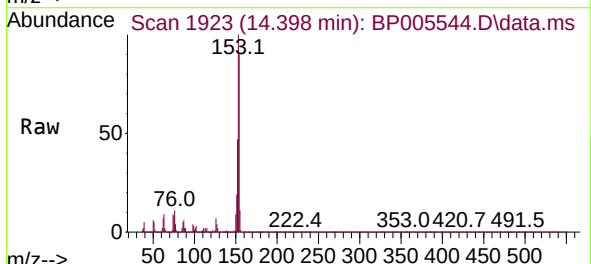
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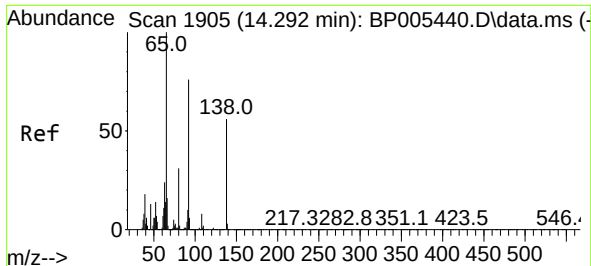
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#52  
Acenaphthene  
Concen: 43.01 ng  
RT: 14.398 min Scan# 1923  
Delta R.T. 0.000 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

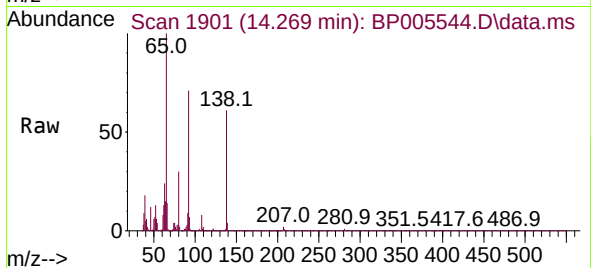
Tgt Ion:154 Resp: 82361  
Ion Ratio Lower Upper  
154 100  
153 111.4 90.9 136.3  
152 52.4 48.5 72.7





#53  
3-Nitroaniline  
Concen: 26.69 ng  
RT: 14.269 min Scan# 1901  
Delta R.T. 0.000 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

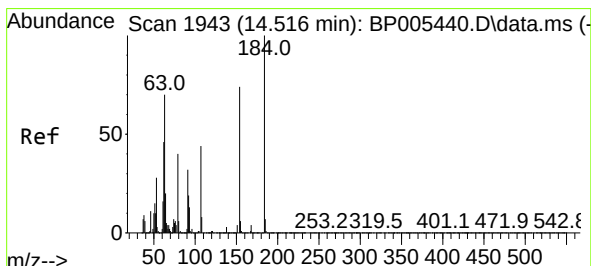
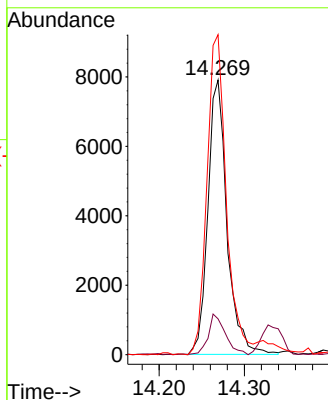
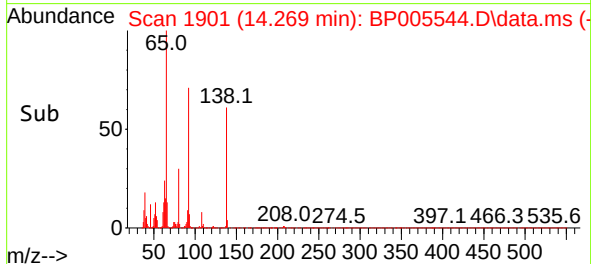
Instrument :  
BNA\_P  
ClientSampleId :  
PB136243BS



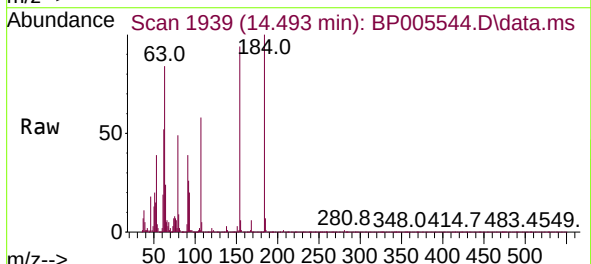
Tgt Ion:138 Resp: 12355  
Ion Ratio Lower Upper  
138 100  
108 13.0 10.2 15.4  
92 116.6 108.1 162.1

Manual Integrations  
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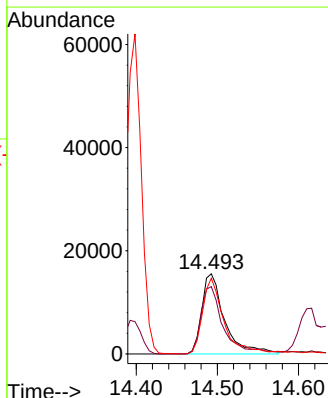
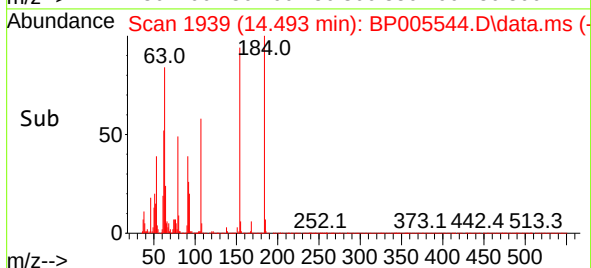
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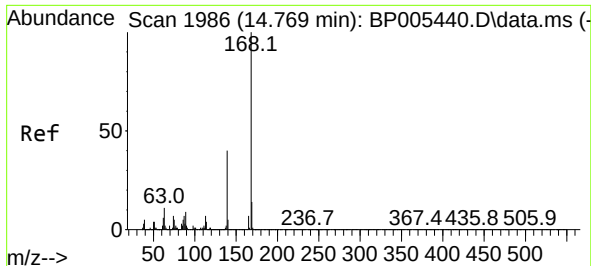


#54  
2,4-Dinitrophenol  
Concen: 77.44 ng  
RT: 14.493 min Scan# 1939  
Delta R.T. 0.000 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21



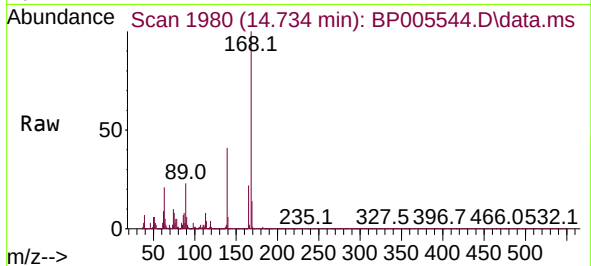
Tgt Ion:184 Resp: 30178  
Ion Ratio Lower Upper  
184 100  
63 84.0 51.2 76.8#  
154 94.3 55.8 83.8#





#55  
Dibenzofuran  
Concen: 41.70 ng  
RT: 14.734 min Scan# 1980  
Delta R.T. 0.000 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

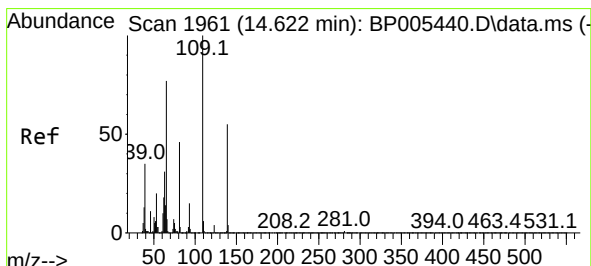
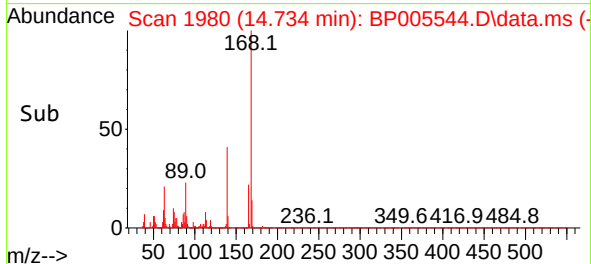
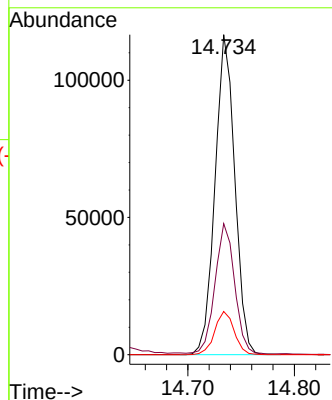
Instrument :  
BNA\_P  
ClientSampleId :  
PB136243BS



Tgt Ion:168 Resp: 150232  
Ion Ratio Lower Upper  
168 100  
139 40.9 31.4 47.0  
169 13.5 11.4 17.0

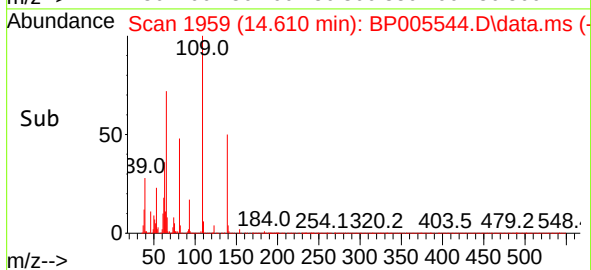
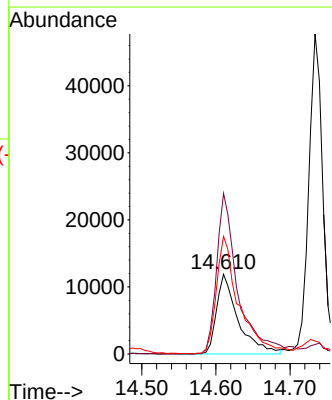
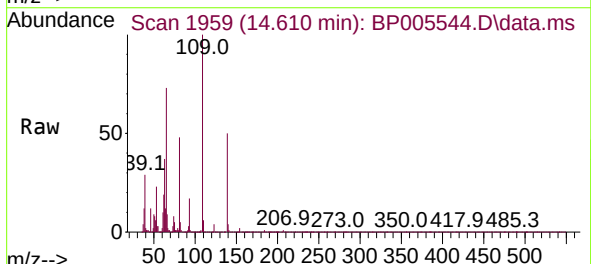
Manual Integrations  
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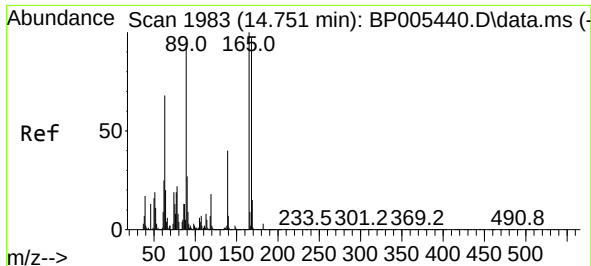
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#56  
4-Nitrophenol  
Concen: 68.76 ng  
RT: 14.610 min Scan# 1959  
Delta R.T. 0.000 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

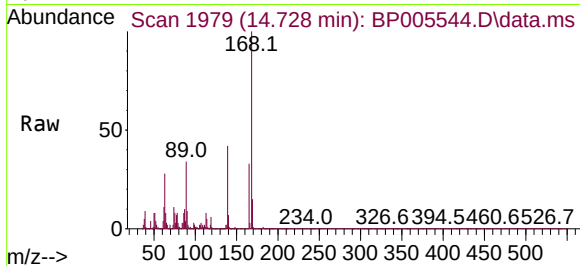
Tgt Ion:139 Resp: 24023  
Ion Ratio Lower Upper  
139 100  
109 201.7 122.8 162.8#  
65 147.7 110.0 150.0





#57  
2,4-Dinitrotoluene  
Concen: 40.00 ng  
RT: 14.728 min Scan# 1979  
Delta R.T. 0.000 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

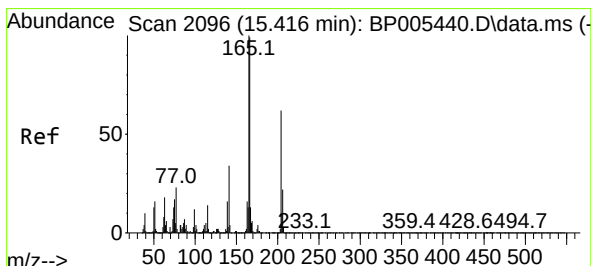
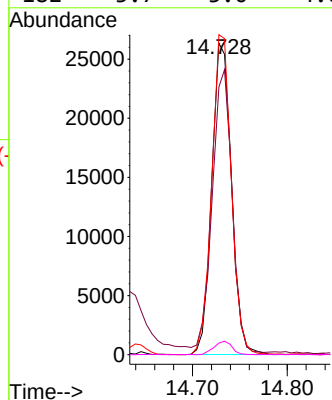
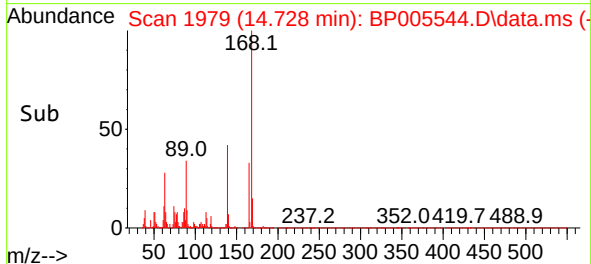
Instrument :  
BNA\_P  
ClientSampleId :  
PB136243BS



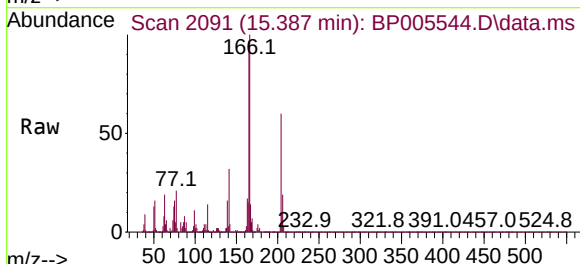
Tgt Ion:165 Resp: 38097  
Ion Ratio Lower Upper  
165 100  
63 85.9 56.7 85.1#  
89 102.7 85.8 128.6  
182 3.7 3.0 4.6

Manual Integrations  
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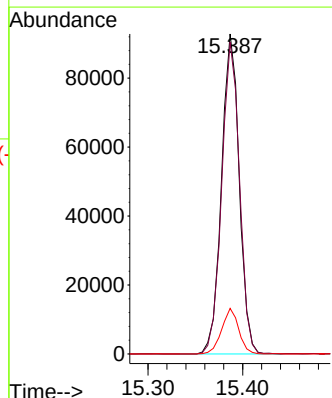
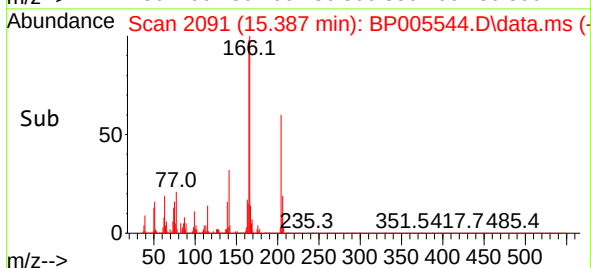
mohammad  
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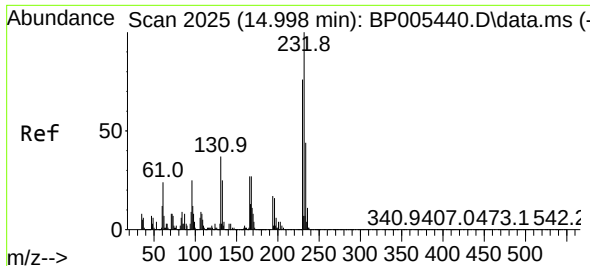
#58  
Fluorene  
Concen: 41.07 ng  
RT: 15.387 min Scan# 2091  
Delta R.T. 0.000 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21



Tgt Ion:166 Resp: 120798  
Ion Ratio Lower Upper  
166 100  
165 97.5 78.8 118.2  
167 14.3 10.9 16.3

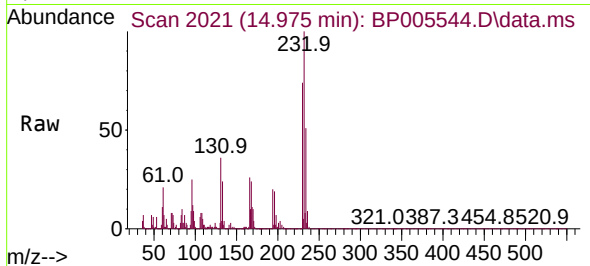






#59  
2,3,4,6-Tetrachlorophenol  
Concen: 39.10 ng m  
RT: 14.975 min Scan# 2021  
Delta R.T. 0.000 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

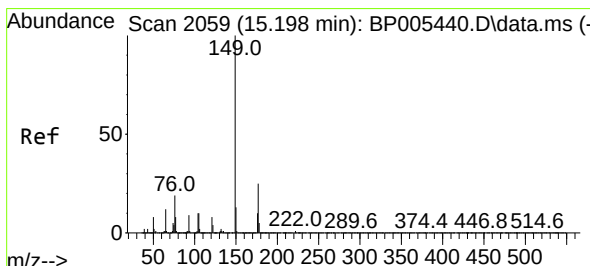
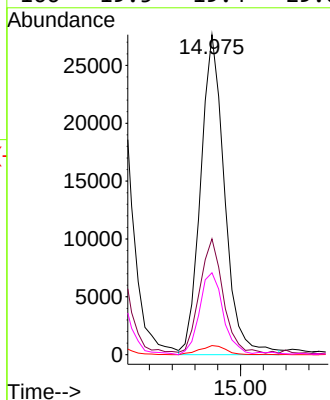
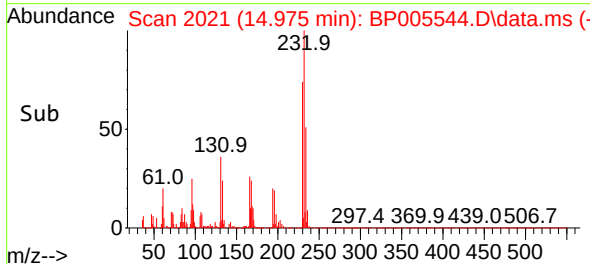
Instrument :  
BNA\_P  
ClientSampleId :  
PB136243BS



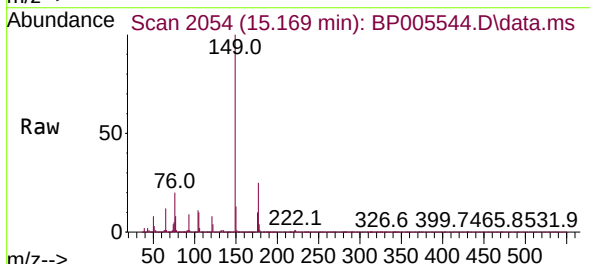
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 232   | Resp: | 40362 |
| Ion Ratio | Lower | Upper |       |
| 232       | 100   |       |       |
| 131       | 31.6  | 26.5  | 39.7  |
| 130       | 2.9   | 2.1   | 3.1   |
| 166       | 19.5  | 19.4  | 29.0  |

Manual Integrations  
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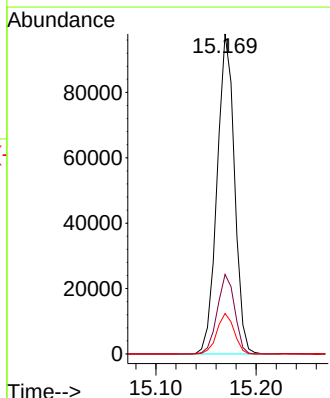
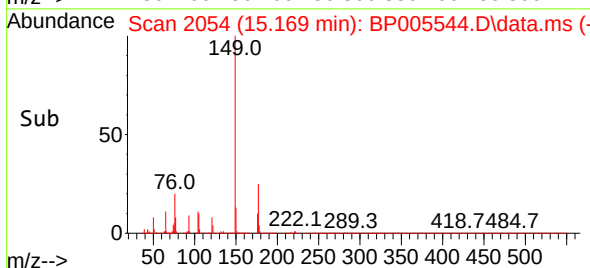
mohammad  
5/17/2021 11:19:05 AM

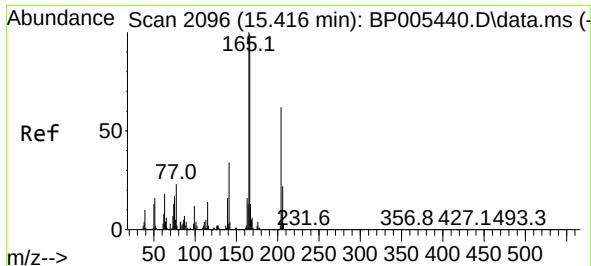


#60  
Diethylphthalate  
Concen: 42.26 ng  
RT: 15.169 min Scan# 2054  
Delta R.T. 0.000 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21



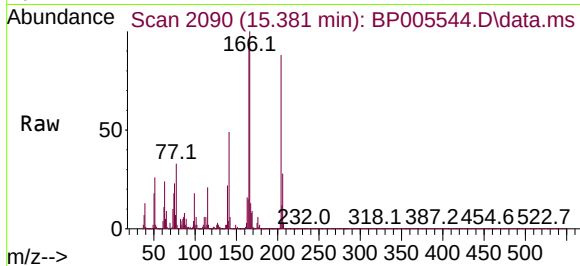
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 117765 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 177       | 24.9  | 19.2  | 28.8   |
| 150       | 12.7  | 9.9   | 14.9   |





#61  
4-Chlorophenyl-phenylether  
Concen: 42.34 ng  
RT: 15.381 min Scan# 2090  
Delta R.T. 0.000 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

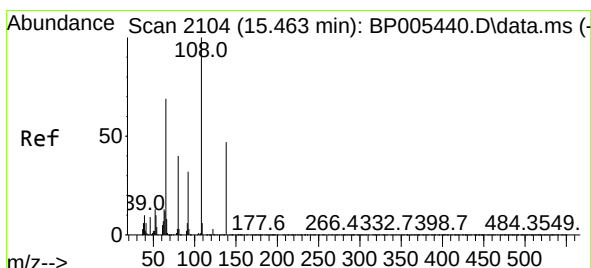
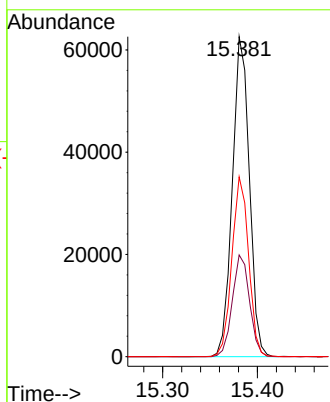
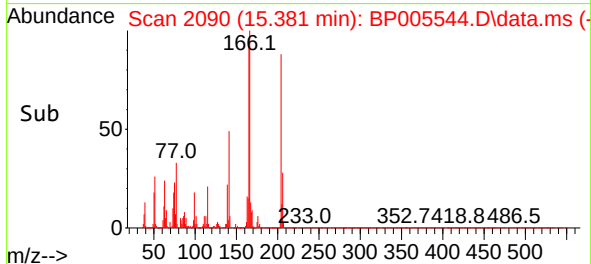
Instrument :  
BNA\_P  
ClientSampleId :  
PB136243BS



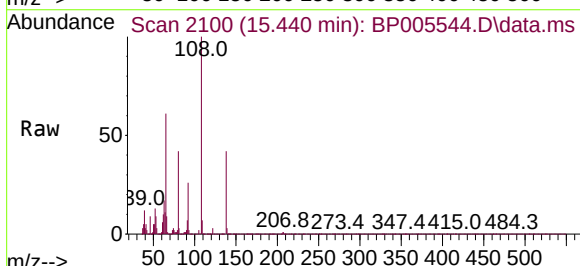
Tgt Ion:204 Resp: 77932  
Ion Ratio Lower Upper  
204 100  
206 31.8 26.0 39.0  
141 56.2 44.2 66.2

Manual Integrations  
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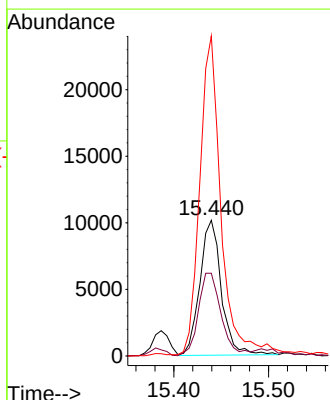
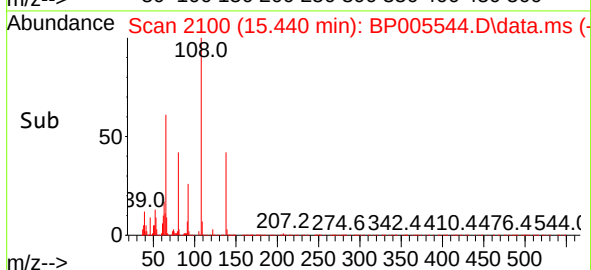
mohammad  
5/17/2021 11:19:05 AM

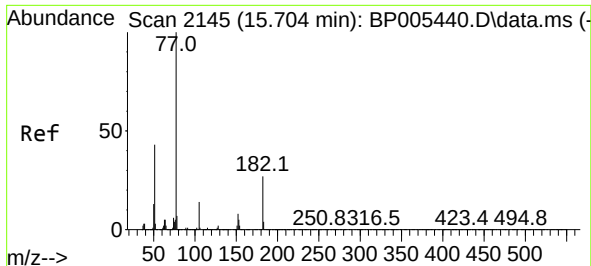


#62  
4-Nitroaniline  
Concen: 35.96 ng  
RT: 15.440 min Scan# 2100  
Delta R.T. 0.006 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21



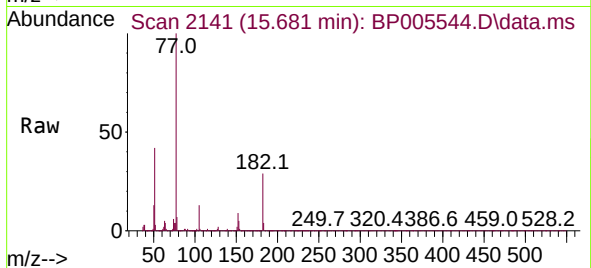
Tgt Ion:138 Resp: 15990  
Ion Ratio Lower Upper  
138 100  
92 61.0 50.9 90.9  
108 235.9 154.7 194.7#





#63  
Azobenzene  
Concen: 41.85 ng  
RT: 15.681 min Scan# 2141  
Delta R.T. 0.006 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

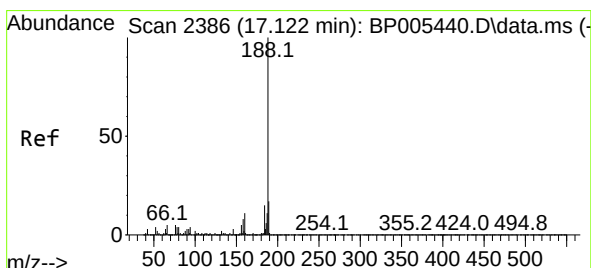
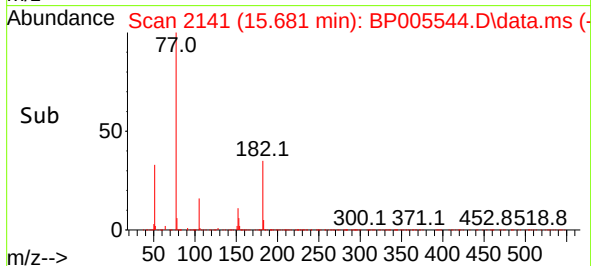
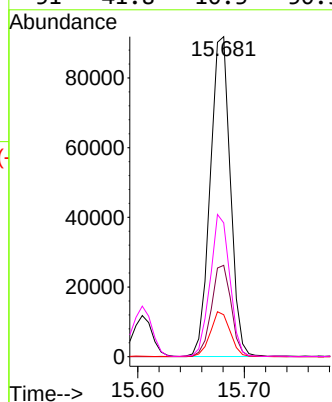
Instrument :  
BNA\_P  
ClientSampleId :  
PB136243BS



| Tgt Ion:  | 77   | Resp: | 120210 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 182       | 28.6 | 5.5   | 45.5   |
| 105       | 13.1 | 0.0   | 36.5   |
| 51        | 41.8 | 10.3  | 50.3   |

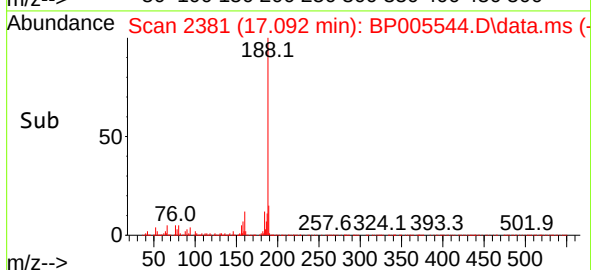
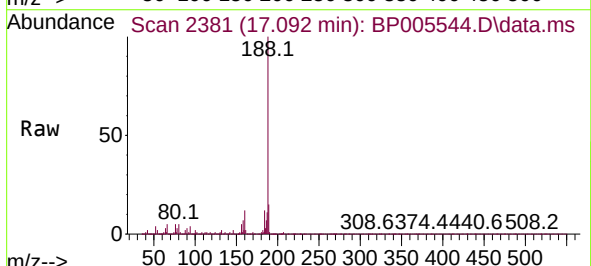
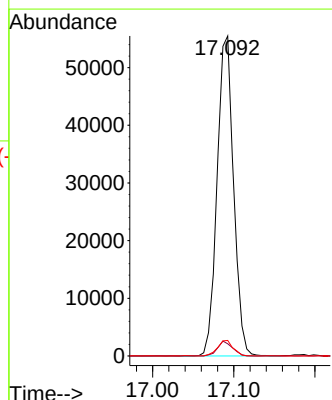
Manual Integrations  
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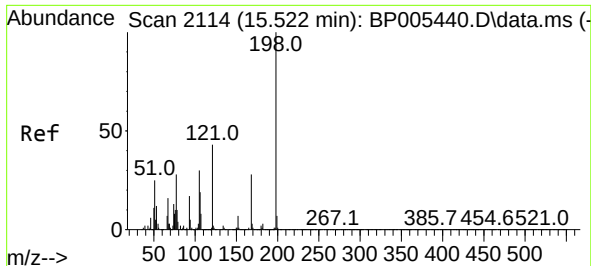
mohammad  
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#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.092 min Scan# 2381  
Delta R.T. 0.006 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

| Tgt Ion:  | 188 | Resp: | 78221 |
|-----------|-----|-------|-------|
| Ion Ratio | 100 | Lower | Upper |
| 94        | 3.8 | 5.0   | 7.6#  |
| 80        | 4.8 | 5.9   | 8.9#  |





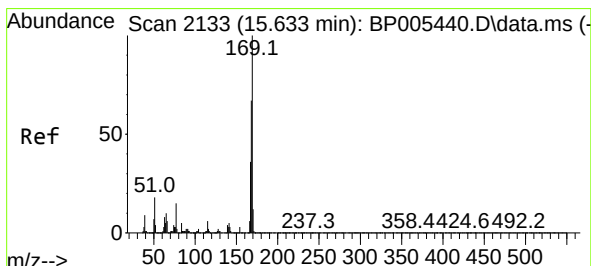
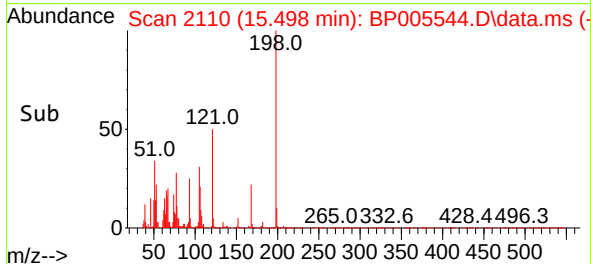
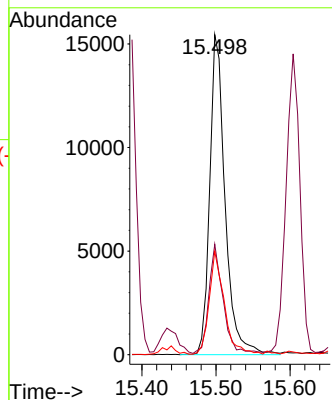
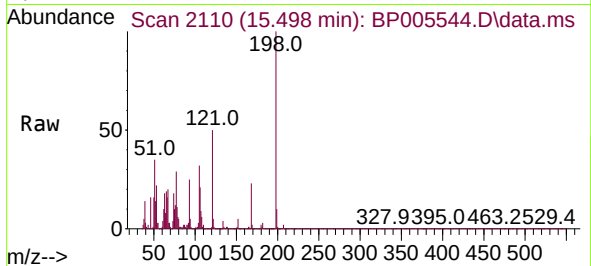
#65  
4,6-Dinitro-2-methylphenol  
Concen: 35.90 ng  
RT: 15.498 min Scan# 2110  
Delta R.T. -0.006 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 198   | Resp: | 22254 |
| Ion Ratio | Lower | Upper |       |
| 198       | 100   |       |       |
| 51        | 34.5  | 10.3  | 50.3  |
| 105       | 32.3  | 13.6  | 53.6  |

Instrument :  
BNA\_P  
ClientSampleId :  
PB136243BS

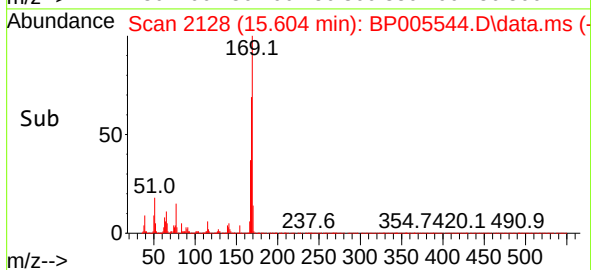
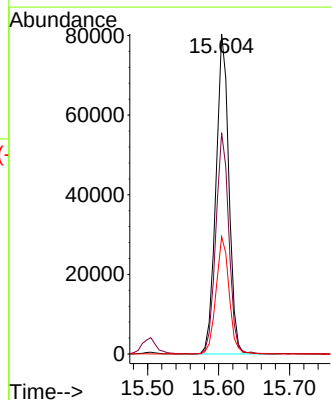
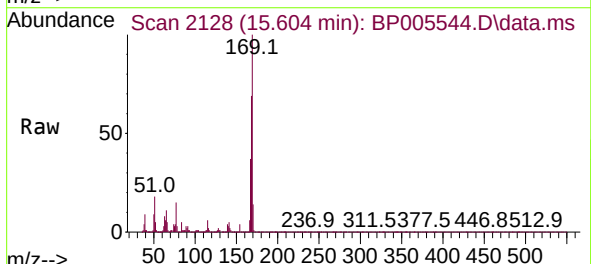
Manual Integrations  
APPROVED

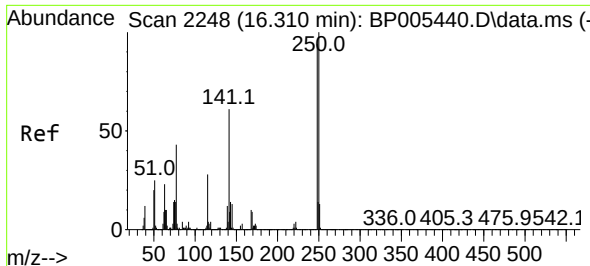
mohammad  
5/17/2021 11:19:05 AM



#66  
n-Nitrosodiphenylamine  
Concen: 44.30 ng  
RT: 15.604 min Scan# 2128  
Delta R.T. 0.000 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 169   | Resp: | 101131 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 69.1  | 55.2  | 82.8   |
| 167       | 36.7  | 36.6  | 54.8   |





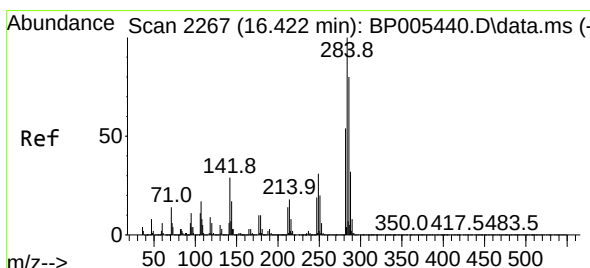
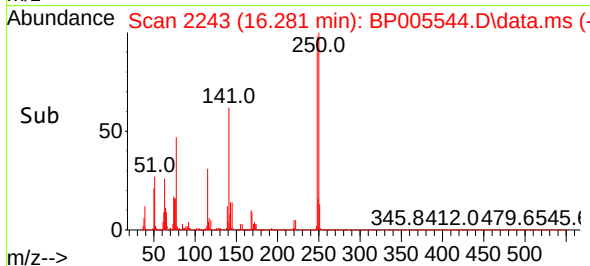
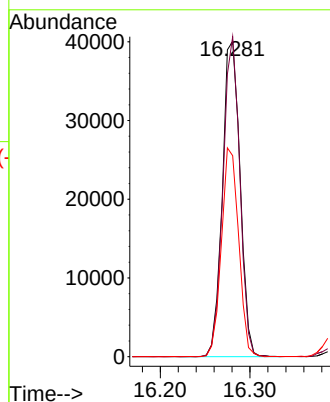
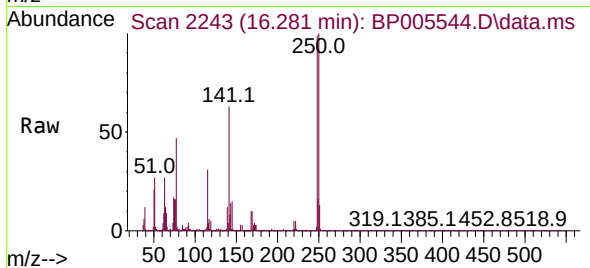
#67  
4-Bromophenyl-phenylether  
Concen: 44.92 ng  
RT: 16.281 min Scan# 2243  
Delta R.T. 0.000 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

Instrument :  
BNA\_P  
ClientSampleId :  
PB136243BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 101.5 | 77.5  | 116.3 |
| 141     | 63.7  | 50.1  | 75.1  |

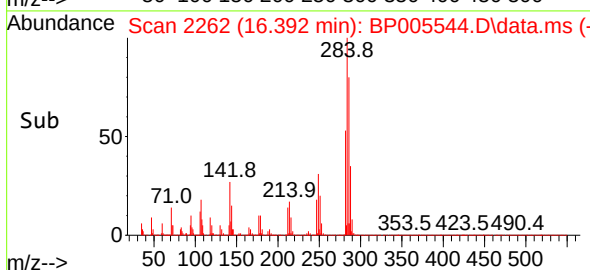
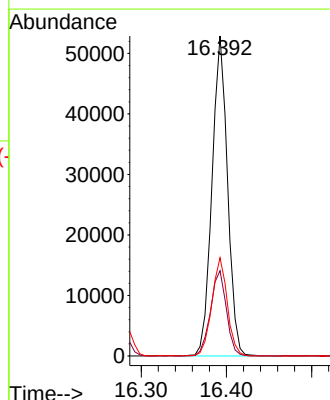
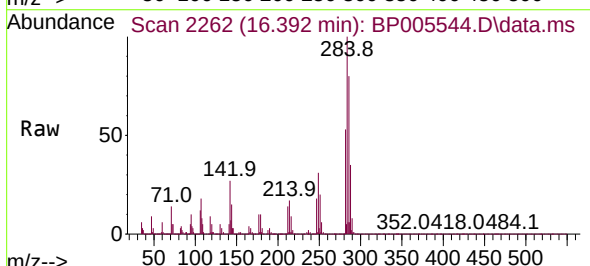
Manual Integrations  
APPROVED

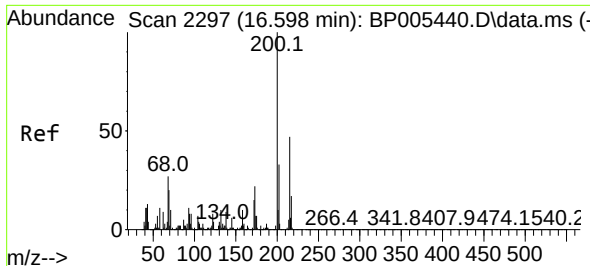
mohammad  
5/17/2021 11:19:05 AM



#68  
Hexachlorobenzene  
Concen: 43.32 ng  
RT: 16.392 min Scan# 2262  
Delta R.T. 0.000 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 26.7  | 20.8  | 31.2  |
| 249     | 30.7  | 23.7  | 35.5  |





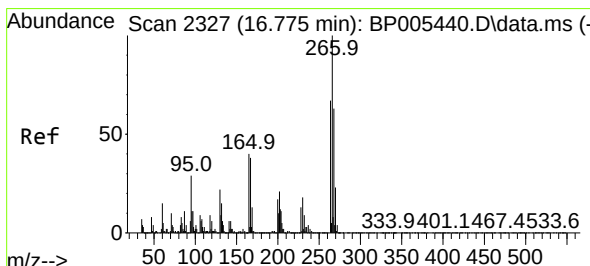
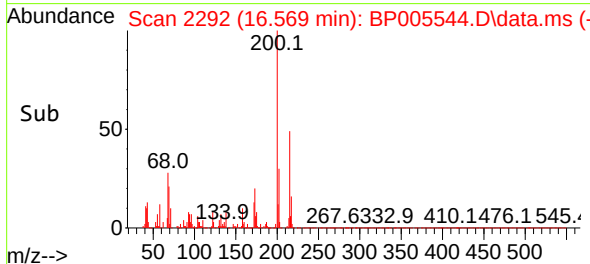
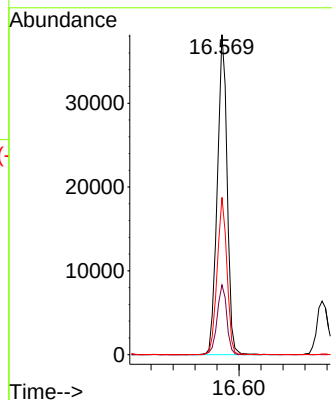
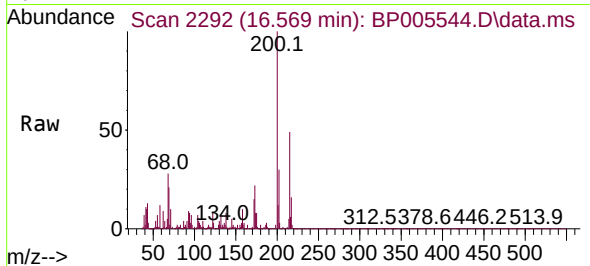
#69  
Atrazine  
Concen: 44.77 ng  
RT: 16.569 min Scan# 2292  
Delta R.T. 0.000 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 21.8  | 0.7   | 40.7  |
| 215     | 49.2  | 29.0  | 69.0  |

Instrument :  
BNA\_P  
ClientSampleId :  
PB136243BS

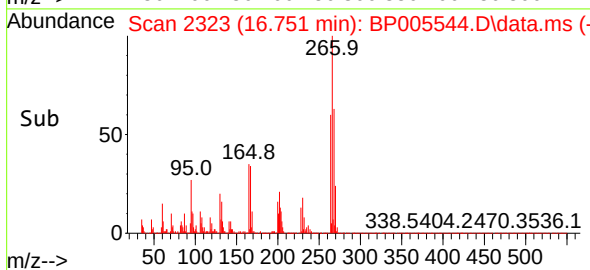
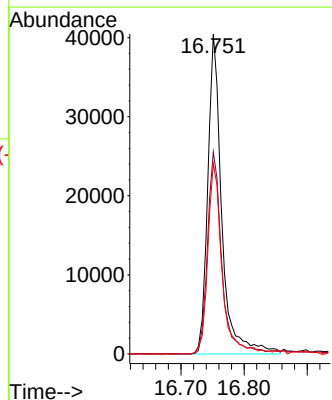
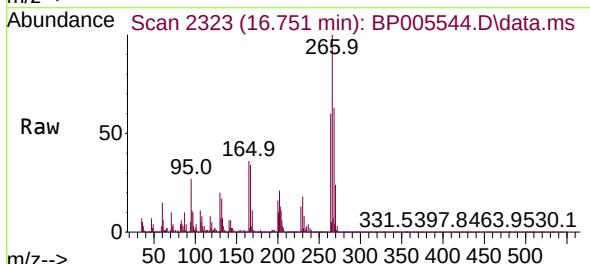
Manual Integrations  
APPROVED

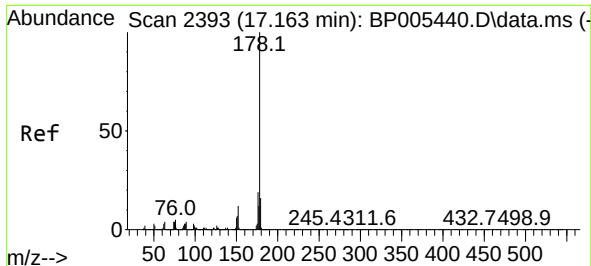
mohammad  
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#70  
Pentachlorophenol  
Concen: 76.02 ng  
RT: 16.751 min Scan# 2323  
Delta R.T. 0.000 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

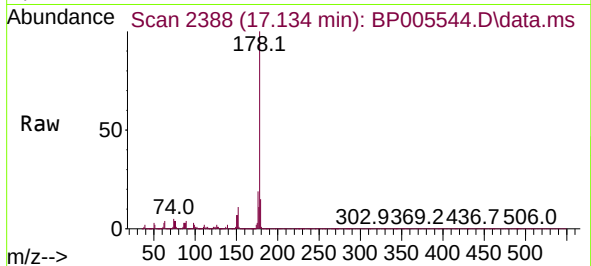
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 63.1  | 49.4  | 74.0  |
| 264     | 59.5  | 53.7  | 80.5  |





#71  
Phenanthrene  
Concen: 42.23 ng  
RT: 17.134 min Scan# 2388  
Delta R.T. 0.000 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

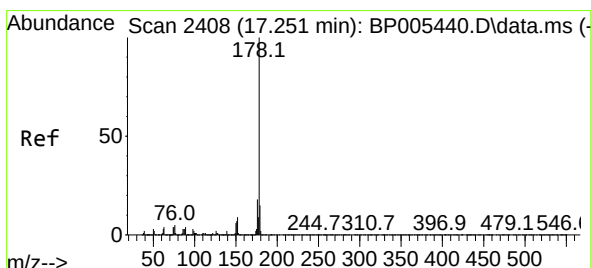
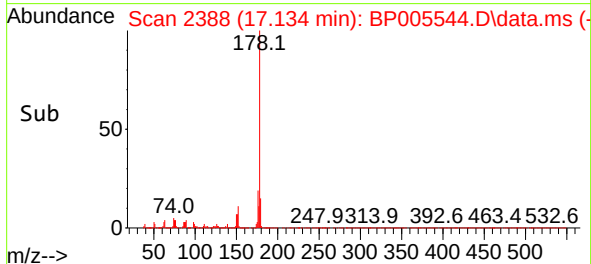
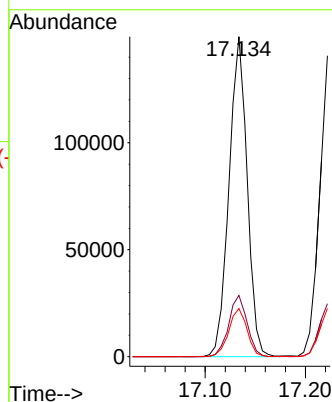
Instrument :  
BNA\_P  
ClientSampleId :  
PB136243BS



Tgt Ion:178 Resp: 187704  
Ion Ratio Lower Upper  
178 100  
176 19.1 15.4 23.2  
179 15.1 12.3 18.5

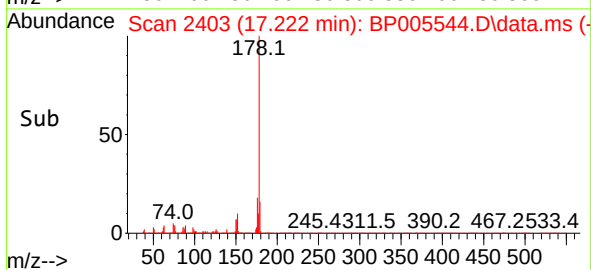
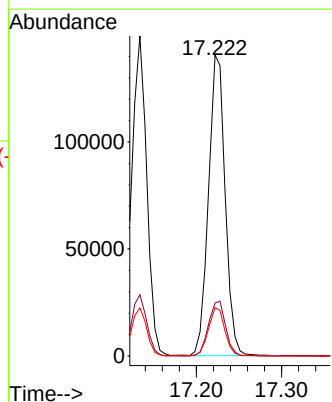
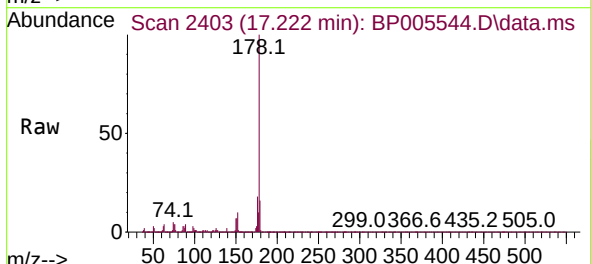
Manual Integrations  
APPROVED

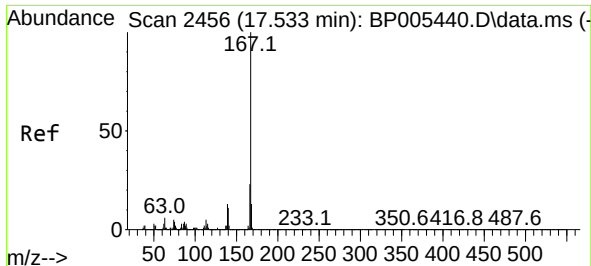
mohammad  
5/17/2021 11:19:05 AM



#72  
Anthracene  
Concen: 43.35 ng  
RT: 17.222 min Scan# 2403  
Delta R.T. -0.006 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

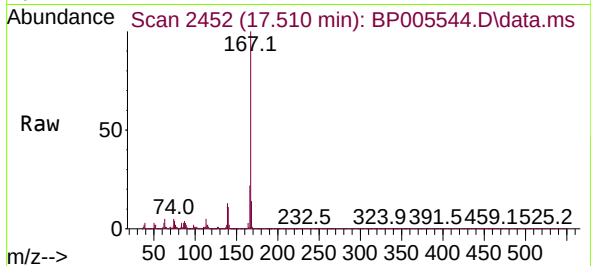
Tgt Ion:178 Resp: 191219  
Ion Ratio Lower Upper  
178 100  
176 17.6 15.2 22.8  
179 16.0 12.6 19.0





#73  
 Carbazole  
 Concen: 38.55 ng  
 RT: 17.510 min Scan# 2452  
 Delta R.T. 0.000 min  
 Lab File: BP005544.D  
 Acq: 14 May 2021 12:21

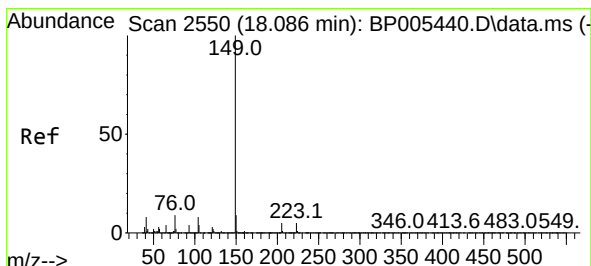
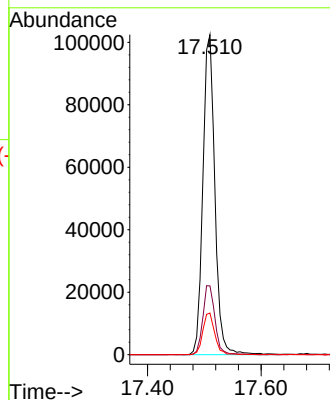
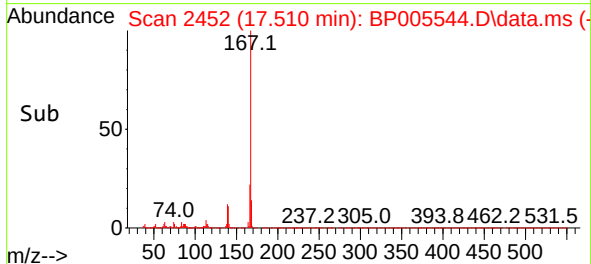
Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB136243BS



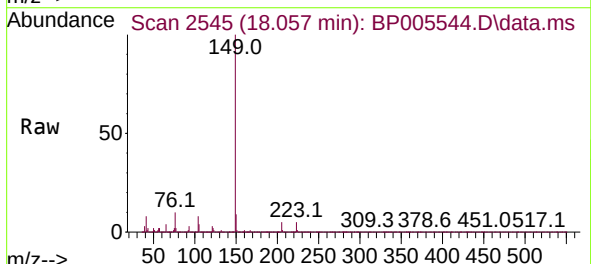
Tgt Ion:167 Resp: 149769  
 Ion Ratio Lower Upper  
 167 100  
 166 21.5 17.4 26.0  
 139 13.0 10.4 15.6

Manual Integrations  
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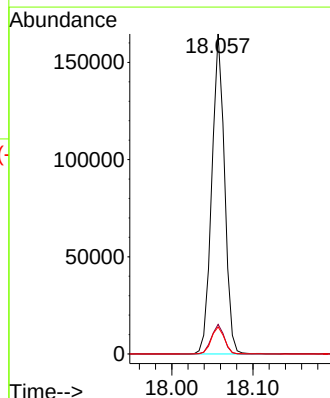
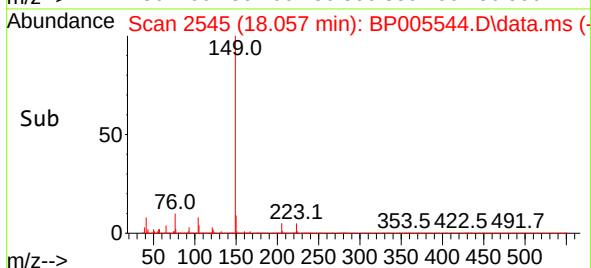
mohammad  
 5/17/2021 11:19:05 AM



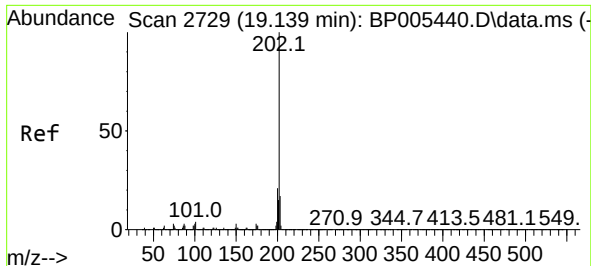
#74  
 Di-n-butylphthalate  
 Concen: 42.00 ng  
 RT: 18.057 min Scan# 2545  
 Delta R.T. 0.000 min  
 Lab File: BP005544.D  
 Acq: 14 May 2021 12:21



Tgt Ion:149 Resp: 179093  
 Ion Ratio Lower Upper  
 149 100  
 150 9.3 7.6 11.4  
 104 8.4 8.9 13.3#

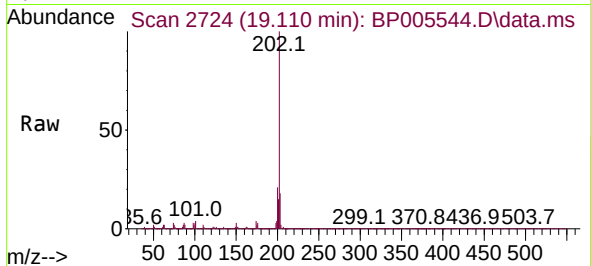






#75  
Fluoranthene  
Concen: 38.72 ng  
RT: 19.110 min Scan# 2724  
Delta R.T. 0.000 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

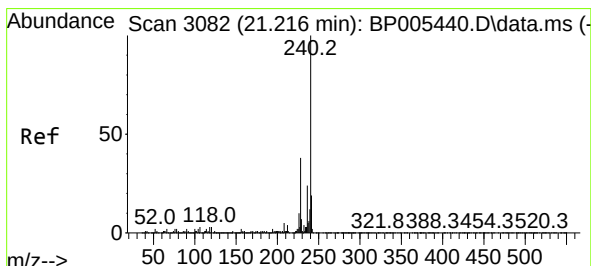
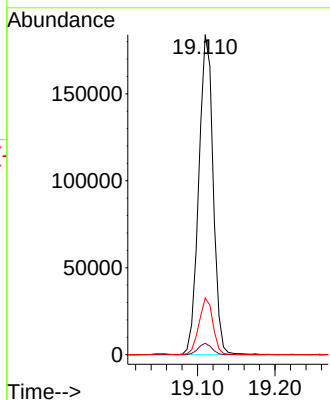
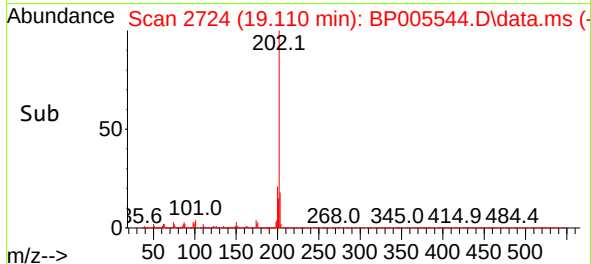
Instrument :  
BNA\_P  
ClientSampleId :  
PB136243BS



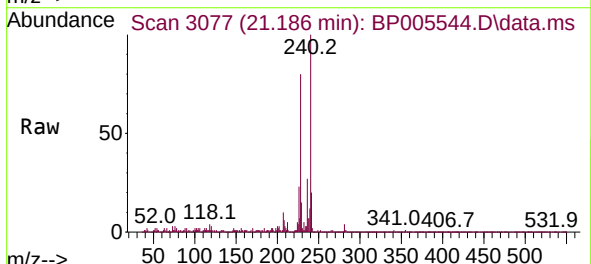
Tgt Ion:202 Resp: 236686  
Ion Ratio Lower Upper  
202 100  
101 3.5 0.0 26.1  
203 17.7 0.0 37.2

Manual Integrations  
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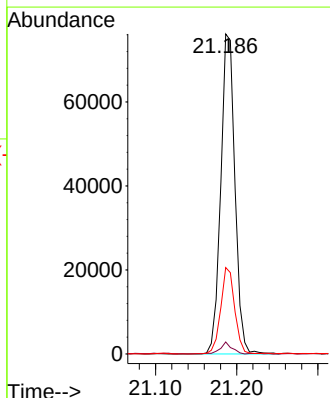
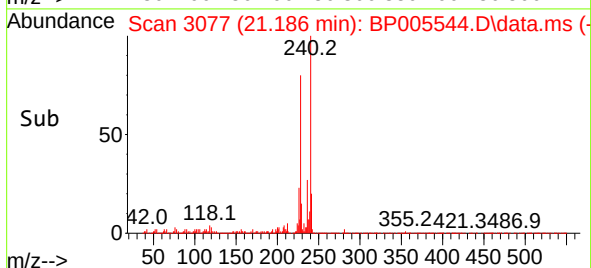
mohammad  
5/17/2021 11:19:05 AM

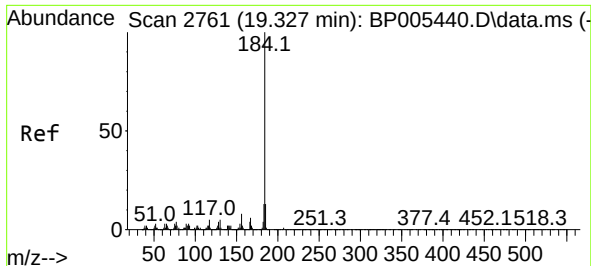


#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.186 min Scan# 3077  
Delta R.T. -0.006 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21



Tgt Ion:240 Resp: 92872  
Ion Ratio Lower Upper  
240 100  
120 3.7 4.2 6.2#  
236 27.0 20.2 30.2





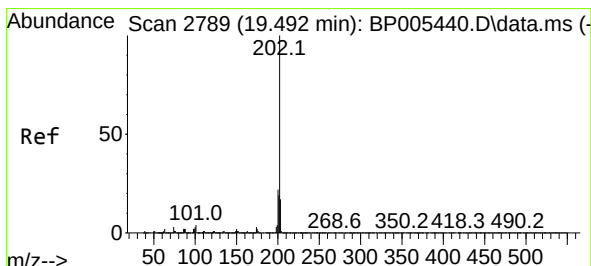
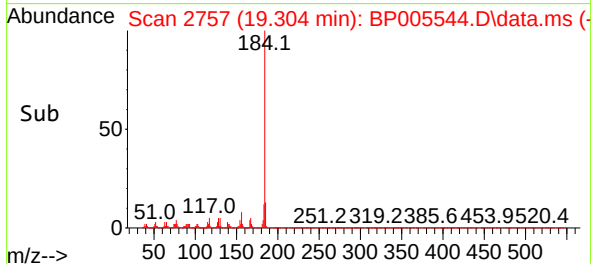
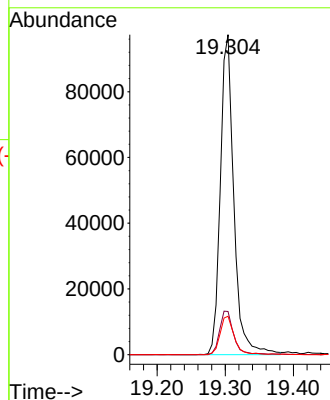
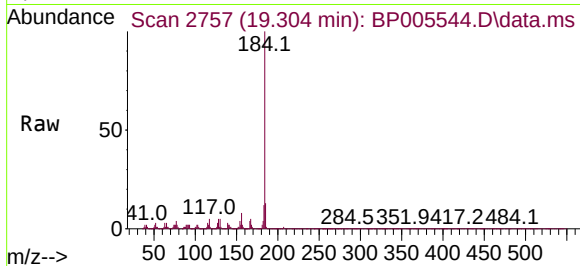
#77  
Benzidine  
Concen: 93.26 ng  
RT: 19.304 min Scan# 2757  
Delta R.T. 0.000 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 13.5  | 11.1  | 16.7  |
| 183     | 12.0  | 9.8   | 14.8  |

Instrument :  
BNA\_P  
ClientSampleId :  
PB136243BS

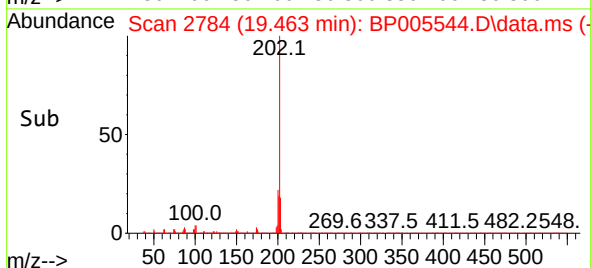
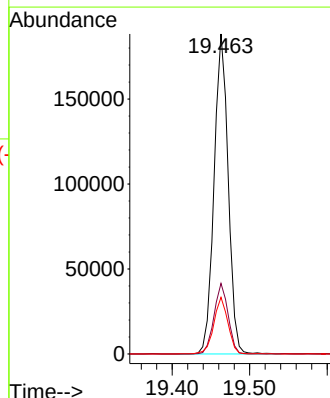
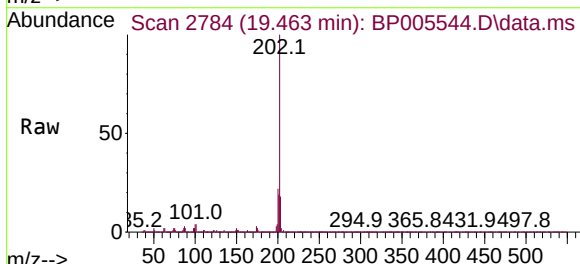
Manual Integrations  
APPROVED

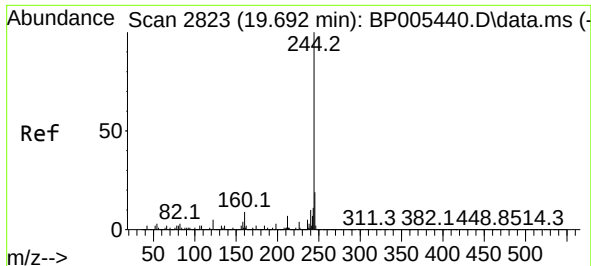
mohammad  
5/17/2021 11:19:05 AM



#78  
Pyrene  
Concen: 45.24 ng  
RT: 19.463 min Scan# 2784  
Delta R.T. 0.000 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 22.0  | 16.9  | 25.3  |
| 203     | 17.7  | 13.8  | 20.6  |





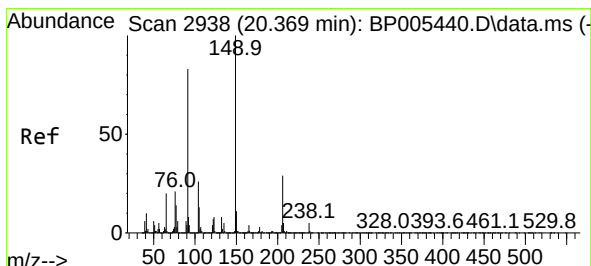
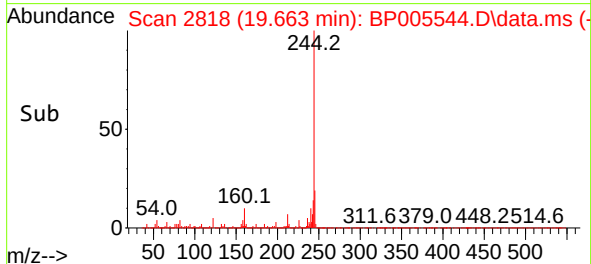
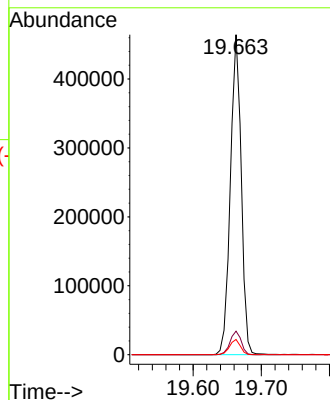
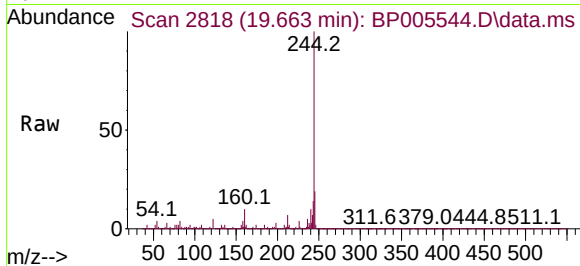
#79  
Terphenyl-d14  
Concen: 93.84 ng  
RT: 19.663 min Scan# 2818  
Delta R.T. 0.000 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

Tgt Ion:244 Resp: 513194  
Ion Ratio Lower Upper  
244 100  
212 7.4 5.8 8.6  
122 4.8 5.2 7.8#

Instrument :  
BNA\_P  
ClientSampleId :  
PB136243BS

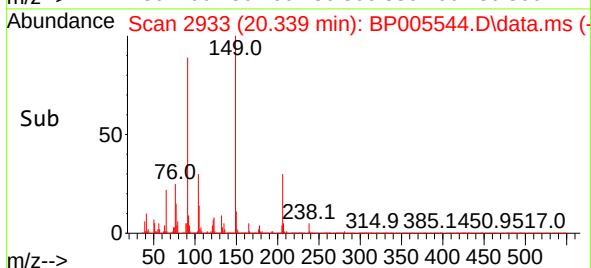
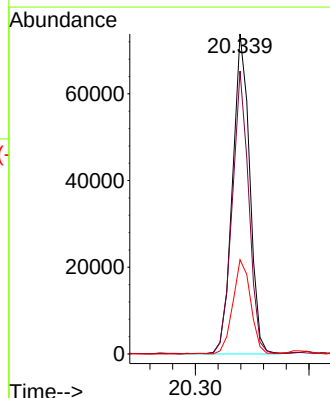
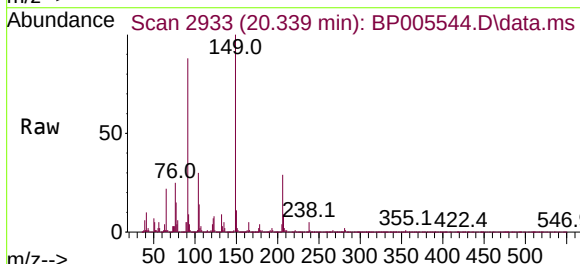
Manual Integrations  
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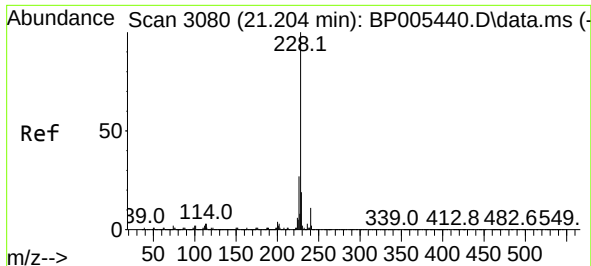
mohammad  
5/17/2021 11:19:05 AM



#80  
Butylbenzylphthalate  
Concen: 45.62 ng  
RT: 20.339 min Scan# 2933  
Delta R.T. 0.000 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

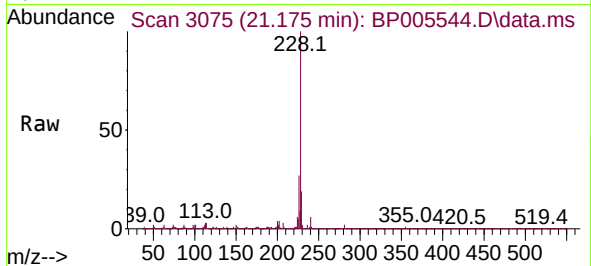
Tgt Ion:149 Resp: 77500  
Ion Ratio Lower Upper  
149 100  
91 88.4 60.2 90.4  
206 29.5 23.9 35.9





#81  
Benzo(a)anthracene  
Concen: 42.07 ng  
RT: 21.175 min Scan# 3075  
Delta R.T. 0.000 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

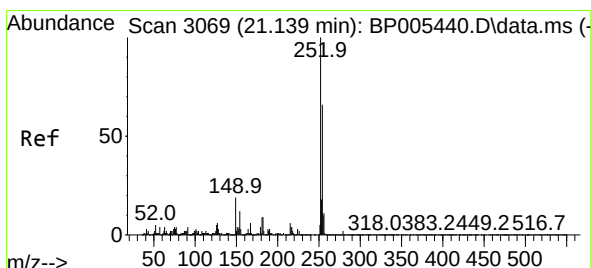
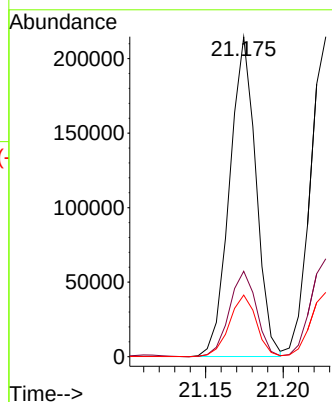
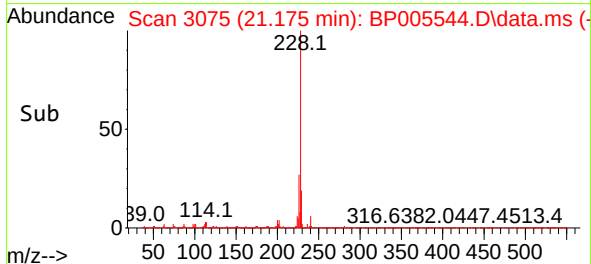
Instrument :  
BNA\_P  
ClientSampleId :  
PB136243BS



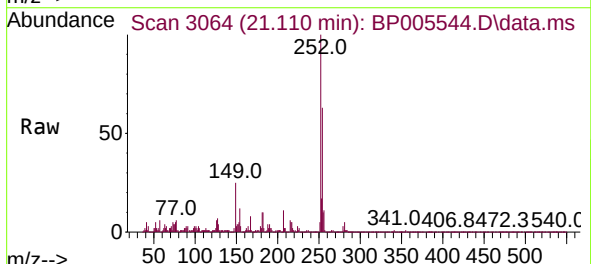
Tgt Ion:228 Resp: 253201  
Ion Ratio Lower Upper  
228 100  
226 26.8 21.2 31.8  
229 19.3 15.6 23.4

Manual Integrations  
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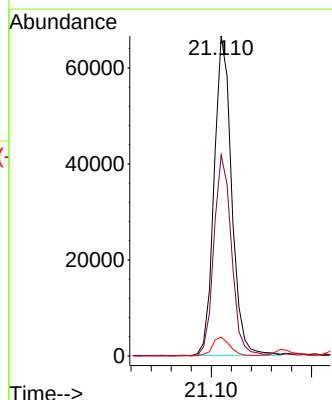
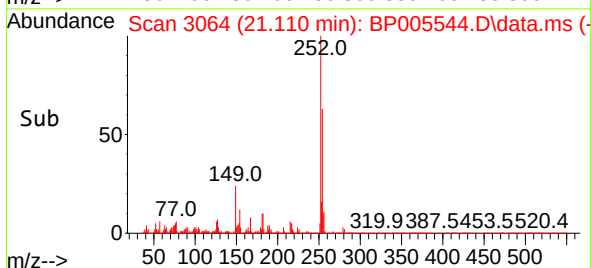
mohammad  
5/17/2021 11:19:05 AM

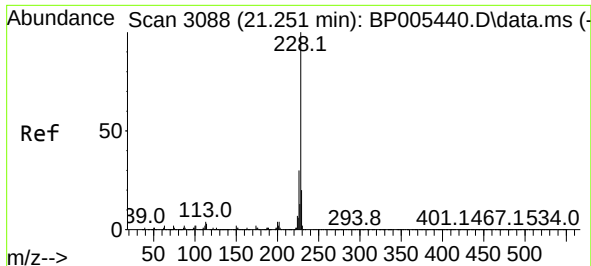


#82  
3,3'-Dichlorobenzidine  
Concen: 35.70 ng  
RT: 21.110 min Scan# 3064  
Delta R.T. -0.006 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21



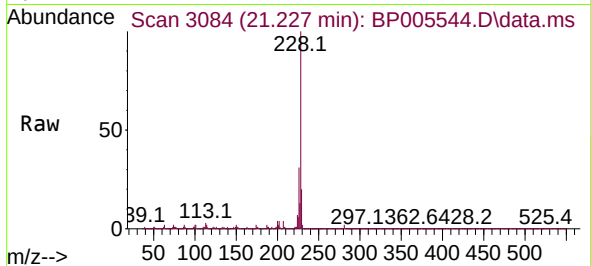
Tgt Ion:252 Resp: 80944  
Ion Ratio Lower Upper  
252 100  
254 62.9 49.9 74.9  
126 5.9 5.5 8.3





#83  
Chrysene  
Concen: 42.08 ng  
RT: 21.227 min Scan# 3084  
Delta R.T. 0.000 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

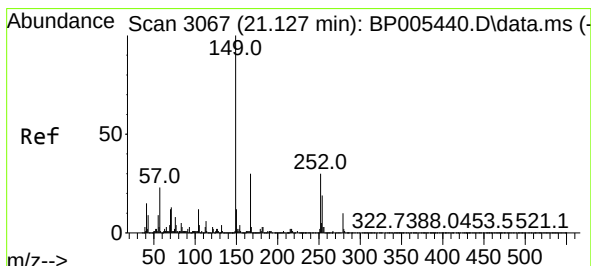
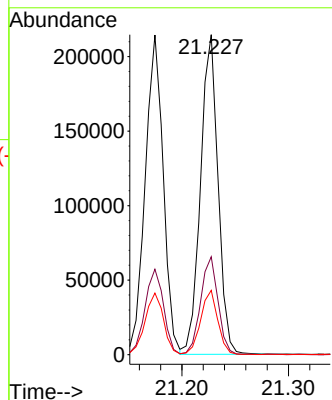
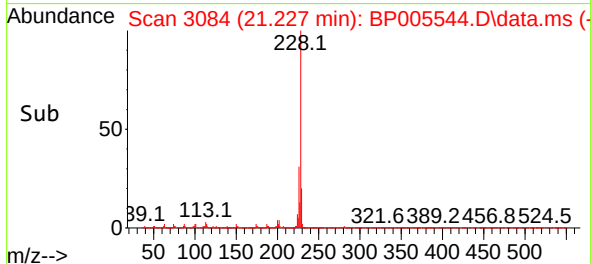
Instrument :  
BNA\_P  
ClientSampleId :  
PB136243BS



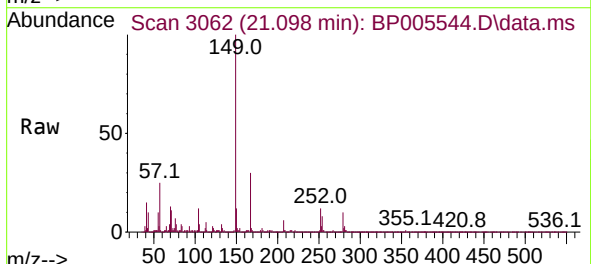
Tgt Ion:228 Resp: 245465  
Ion Ratio Lower Upper  
228 100  
226 30.6 24.8 37.2  
229 20.1 15.4 23.0

Manual Integrations  
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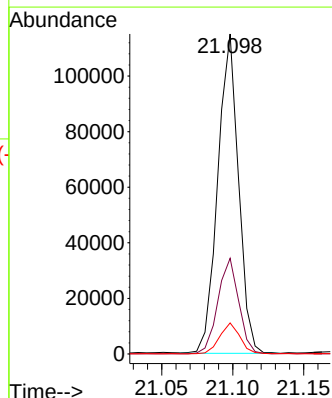
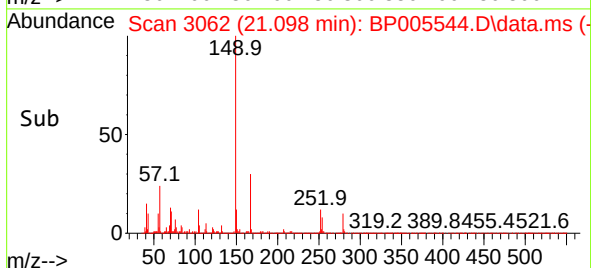
mohammad  
5/17/2021 11:19:05 AM

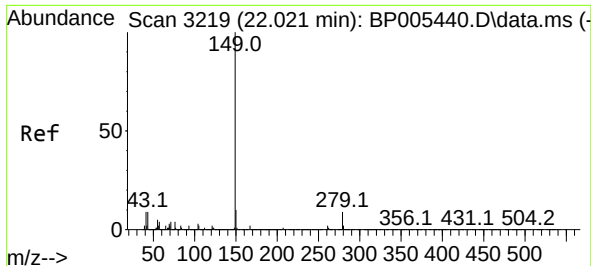


#84  
Bis(2-ethylhexyl)phthalate  
Concen: 44.82 ng  
RT: 21.098 min Scan# 3062  
Delta R.T. 0.000 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21



Tgt Ion:149 Resp: 116417  
Ion Ratio Lower Upper  
149 100  
167 29.9 23.8 35.8  
279 9.7 5.7 8.5#





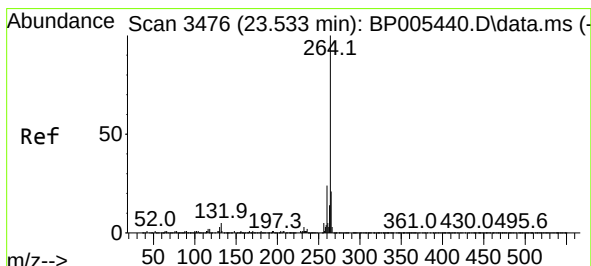
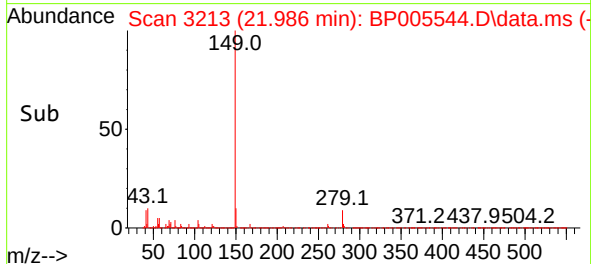
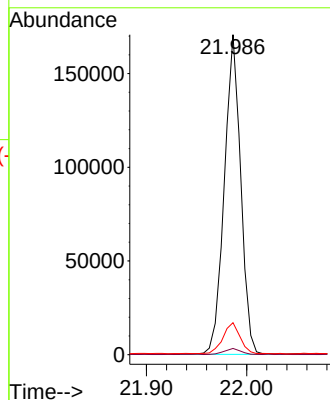
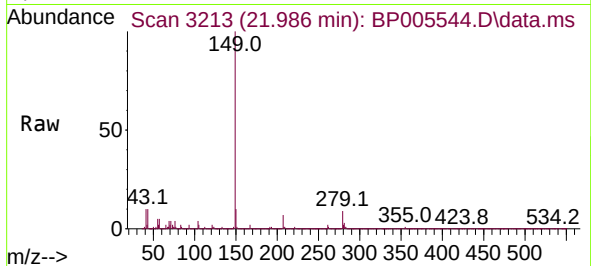
#85  
Di-n-octyl phthalate  
Concen: 44.29 ng  
RT: 21.986 min Scan# 3213  
Delta R.T. 0.000 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

Tgt Ion:149 Resp: 193239  
Ion Ratio Lower Upper  
149 100  
167 1.9 1.5 2.3  
43 10.3 5.1 7.7#

Instrument :  
BNA\_P  
ClientSampleId :  
PB136243BS

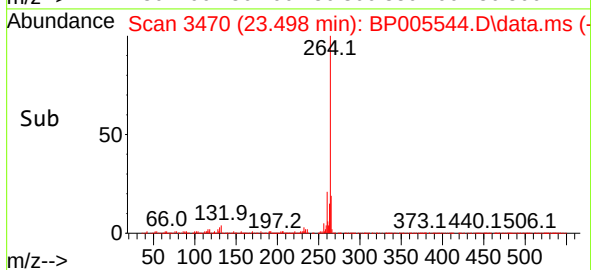
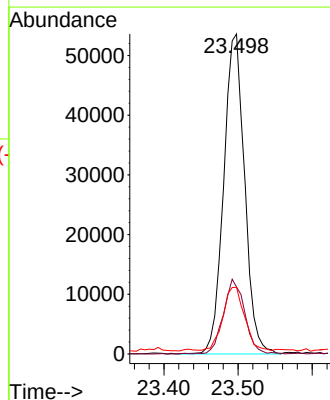
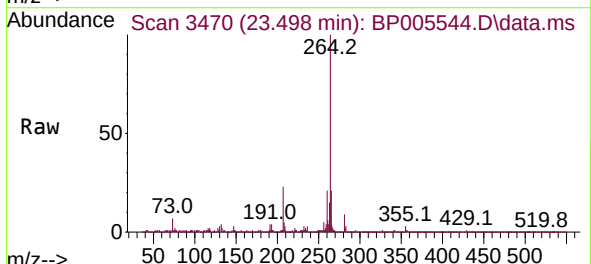
Manual Integrations  
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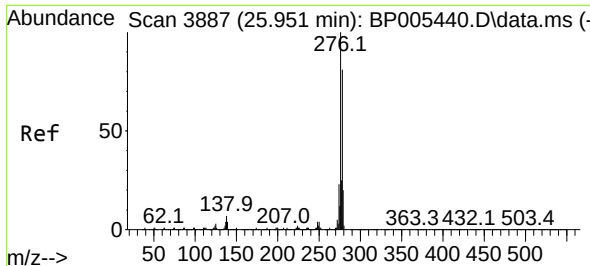
mohammad  
5/17/2021 11:19:05 AM



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 23.498 min Scan# 3470  
Delta R.T. 0.000 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

Tgt Ion:264 Resp: 105016  
Ion Ratio Lower Upper  
264 100  
260 20.9 20.6 30.8  
265 20.8 19.0 28.6





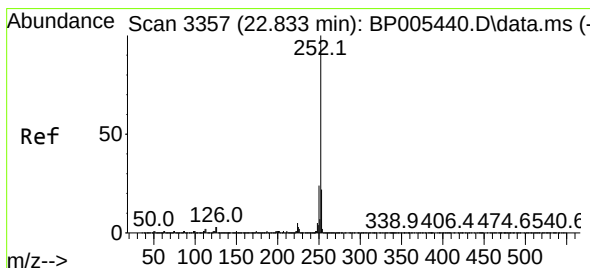
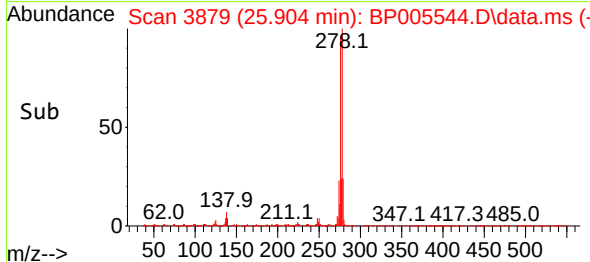
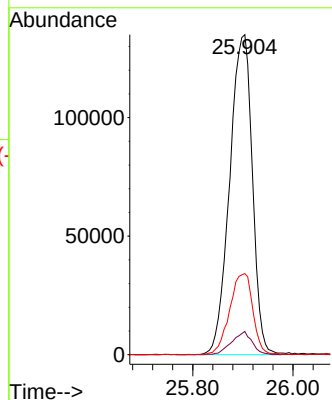
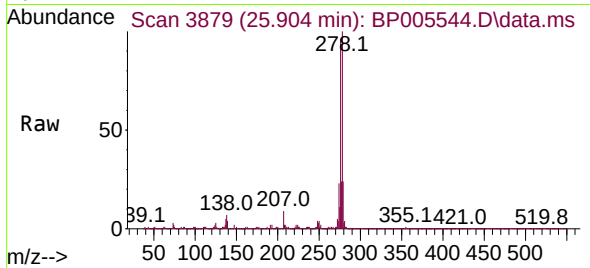
#87  
Indeno(1,2,3-cd)pyrene  
Concen: 47.92 ng  
RT: 25.904 min Scan# 3879  
Delta R.T. 0.000 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

Tgt Ion: 276 Resp: 423406  
Ion Ratio Lower Upper  
276 100  
138 6.6 8.4 12.6#  
277 25.9 20.6 31.0

Instrument :  
BNA\_P  
ClientSampleId :  
PB136243BS

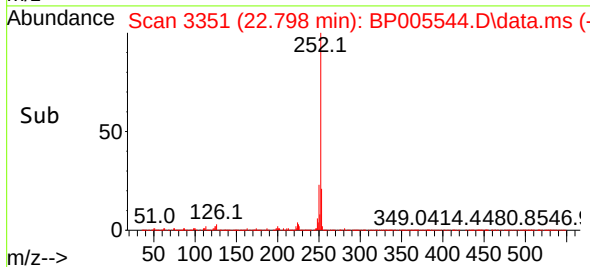
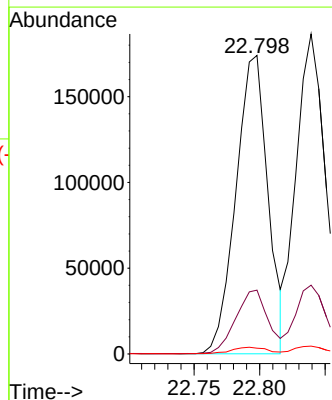
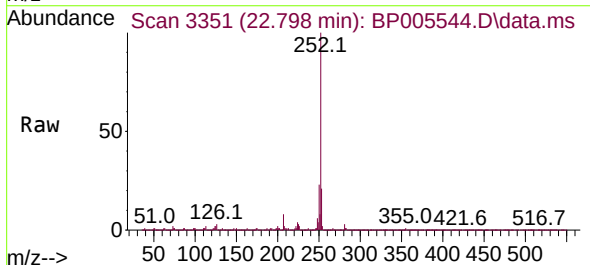
Manual Integrations  
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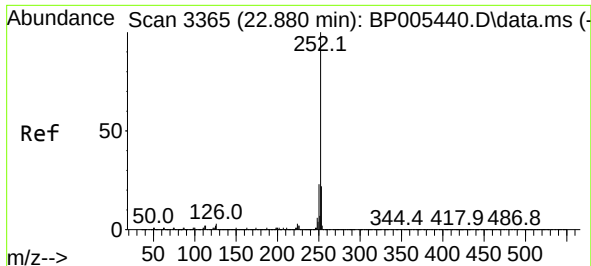
mohammad  
5/17/2021 11:19:05 AM



#88  
Benzo(b)fluoranthene  
Concen: 42.24 ng  
RT: 22.798 min Scan# 3351  
Delta R.T. 0.000 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

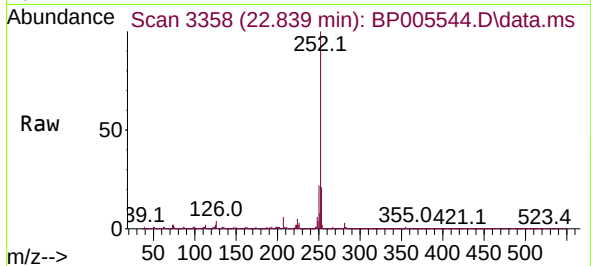
Tgt Ion: 252 Resp: 295614  
Ion Ratio Lower Upper  
252 100  
253 21.4 18.2 27.2  
125 1.9 3.4 5.0#





#89  
Benzo(k)fluoranthene  
Concen: 42.42 ng  
RT: 22.839 min Scan# 3358  
Delta R.T. -0.006 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

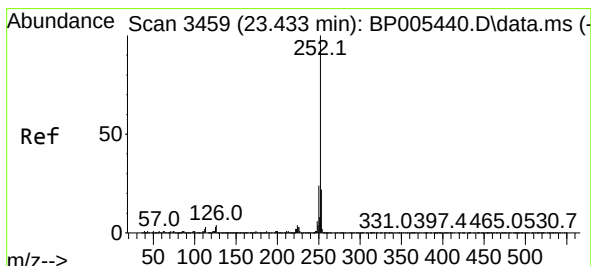
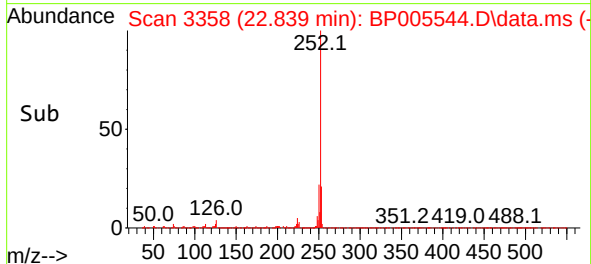
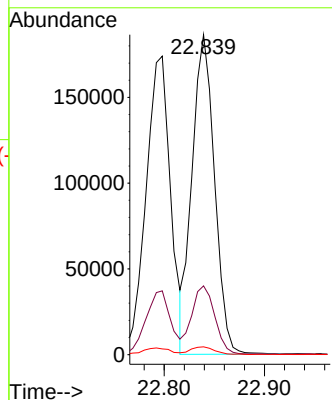
Instrument :  
BNA\_P  
ClientSampleId :  
PB136243BS



Tgt Ion:252 Resp: 290242  
Ion Ratio Lower Upper  
252 100  
253 21.5 17.2 25.8  
125 2.5 3.8 5.6#

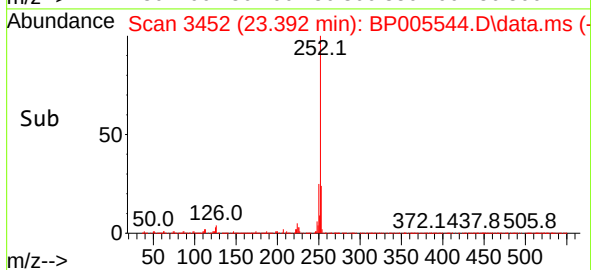
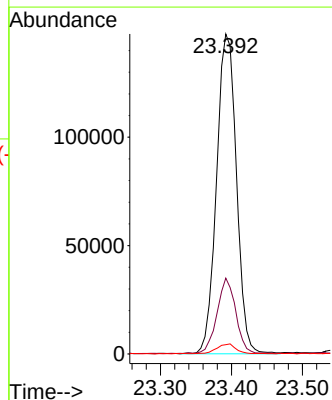
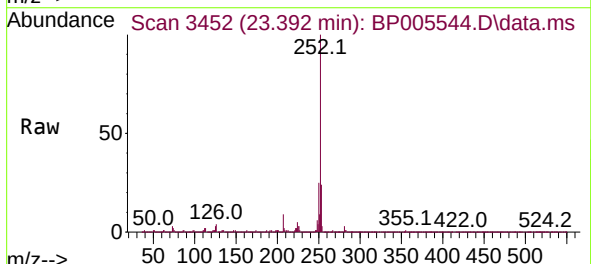
Manual Integrations  
APPROVED

mohammad  
5/17/2021 11:19:05 AM

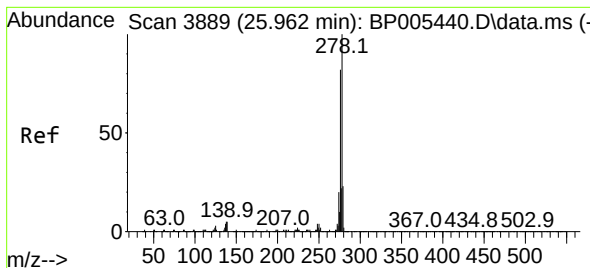


#90  
Benzo(a)pyrene  
Concen: 44.71 ng  
RT: 23.392 min Scan# 3452  
Delta R.T. -0.006 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

Tgt Ion:252 Resp: 286762  
Ion Ratio Lower Upper  
252 100  
253 23.7 17.1 25.7  
125 2.9 3.8 5.6#

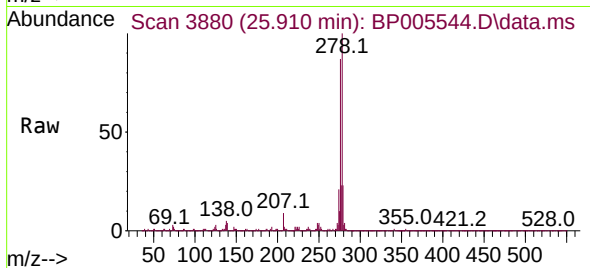






#91  
Dibenzo(a,h)anthracene  
Concen: 46.84 ng  
RT: 25.910 min Scan# 3880  
Delta R.T. 0.000 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21

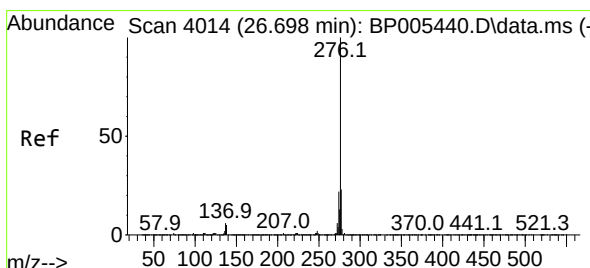
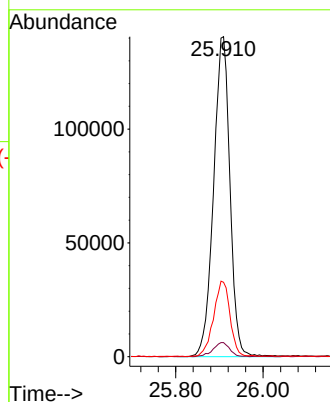
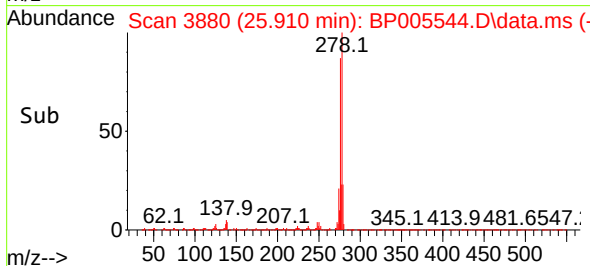
Instrument :  
BNA\_P  
ClientSampleId :  
PB136243BS



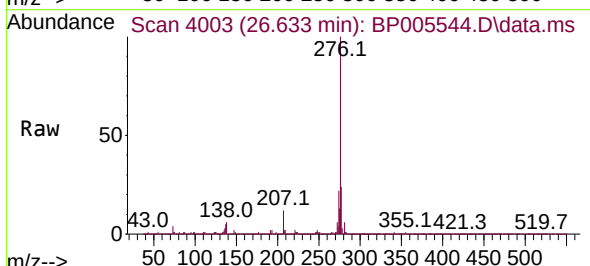
Tgt Ion: 278 Resp: 365179  
Ion Ratio Lower Upper  
278 100  
139 4.4 5.0 7.6#  
279 23.3 18.6 28.0

Manual Integrations  
APPROVED

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5/17/2021 11:19:05 AM



#92  
Benzo(g,h,i)perylene  
Concen: 47.76 ng  
RT: 26.633 min Scan# 4003  
Delta R.T. -0.006 min  
Lab File: BP005544.D  
Acq: 14 May 2021 12:21



Tgt Ion: 276 Resp: 344484  
Ion Ratio Lower Upper  
276 100  
277 23.5 19.8 29.8  
138 5.6 7.7 11.5#

