

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM031021\  
 Data File : BM029068.D  
 Acq On : 10 Mar 2021 13:56  
 Operator : CG/JU  
 Sample : PB135082BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB135082BS

Manual Integrations  
 APPROVED

mohammad  
 3/11/2021 9:26:09 AM

Quant Time: Mar 10 15:00:37 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM022321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 09 10:08:02 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.669  | 152  | 10110    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.463 | 136  | 37925    | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.339 | 164  | 20457    | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.086 | 188  | 38833    | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.262 | 240  | 37790    | 20.00  | ng    | # 0.00   |
| 86) Perylene-d12              | 23.415 | 264  | 37117    | 20.00  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.240  | 112  | 74074    | 121.44 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.869  | 99   | 89904    | 111.59 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.846  | 82   | 48958    | 69.65  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.839 | 330  | 26646    | 109.90 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.951 | 172  | 103512   | 67.36  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.710 | 244  | 121313   | 59.28  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.081  | 88   | 9983     | 43.53  | ng    | # 56     |
| 3) Pyridine                   | 3.499  | 79   | 26397    | 43.62  | ng    | # 38     |
| 4) n-Nitrosodimethylamine     | 3.417  | 42   | 18292    | 54.10  | ng    | # 44     |
| 6) Aniline                    | 7.005  | 93   | 24643    | 28.60  | ng    | 99       |
| 8) 2-Chlorophenol             | 7.240  | 128  | 30190    | 41.67  | ng    | 95       |
| 9) Benzaldehyde               | 6.816  | 77   | 8787     | 20.01  | ng    | 81       |
| 10) Phenol                    | 6.893  | 94   | 33482    | 41.82  | ng    | 93       |
| 11) bis(2-Chloroethyl)ether   | 7.105  | 93   | 25905    | 42.65  | ng    | 92       |
| 12) 1,3-Dichlorobenzene       | 7.552  | 146  | 33397    | 42.27  | ng    | # 93     |
| 13) 1,4-Dichlorobenzene       | 7.705  | 146  | 33908    | 42.31  | ng    | 96       |
| 14) 1,2-Dichlorobenzene       | 8.016  | 146  | 32036    | 41.55  | ng    | 98       |
| 15) Benzyl Alcohol            | 7.928  | 79   | 24073    | 41.79  | ng    | # 92     |
| 16) 2,2'-oxybis(1-Chloropr... | 8.199  | 45   | 43714    | 46.74  | ng    | 69       |
| 17) 2-Methylphenol            | 8.140  | 107  | 22974    | 42.26  | ng    | # 90     |
| 18) Hexachloroethane          | 8.728  | 117  | 13000    | 44.65  | ng    | 91       |
| 19) n-Nitroso-di-n-propyla... | 8.487  | 70   | 19350    | 40.83  | ng    | # 53     |
| 20) 3+4-Methylphenols         | 8.469  | 107  | 30282    | 41.40  | ng    | 92       |
| 22) Acetophenone              | 8.504  | 105  | 41181    | 44.52  | ng    | # 84     |
| 24) Nitrobenzene              | 8.887  | 77   | 30432    | 42.58  | ng    | # 87     |
| 25) Isophorone                | 9.404  | 82   | 51726    | 41.82  | ng    | 96       |
| 26) 2-Nitrophenol             | 9.593  | 139  | 15642    | 43.33  | ng    | # 86     |
| 27) 2,4-Dimethylphenol        | 9.663  | 122  | 23735    | 43.81  | ng    | 93       |
| 28) bis(2-Chloroethoxy)met... | 9.893  | 93   | 31443    | 44.74  | ng    | 97       |
| 29) 2,4-Dichlorophenol        | 10.128 | 162  | 25405    | 40.99  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.328 | 180  | 28430    | 41.83  | ng    | 99       |
| 31) Naphthalene               | 10.510 | 128  | 85170    | 40.73  | ng    | 100      |
| 32) Benzoic acid              | 9.851  | 122  | 15928    | 41.02  | ng    | # 82     |
| 33) 4-Chloroaniline           | 10.646 | 127  | 22421    | 26.68  | ng    | 93       |
| 34) Hexachlorobutadiene       | 10.775 | 225  | 17362    | 42.61  | ng    | 98       |
| 35) Caprolactam               | 11.451 | 113  | 7074     | 41.72  | ng    | # 56     |
| 36) 4-Chloro-3-methylphenol   | 11.792 | 107  | 25023    | 40.06  | ng    | 95       |
| 37) 2-Methylnaphthalene       | 12.134 | 142  | 58712    | 39.91  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.357 | 142  | 55202    | 39.62  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 12.510 | 216  | 28227    | 44.13  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.469 | 237  | 25561    | 104.84 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 12.769 | 196  | 18715    | 41.74  | ng    | 98       |

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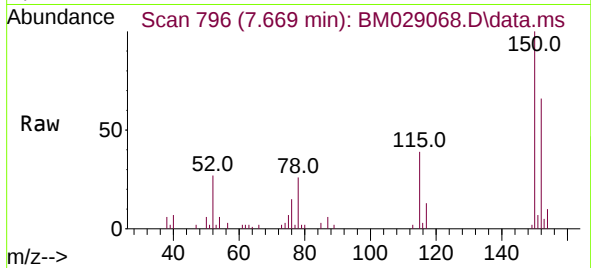
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.851 | 196  | 19456    | 40.43 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.163 | 154  | 70719    | 43.10 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.204 | 162  | 56081    | 41.87 | ng    | 96       |
| 48) 2-Nitroaniline            | 13.434 | 65   | 16214    | 45.01 | ng    | 92       |
| 49) Acenaphthylene            | 14.057 | 152  | 86093    | 41.86 | ng    | 99       |
| 50) Dimethylphthalate         | 13.810 | 163  | 66059    | 42.61 | ng    | 98       |
| 51) 2,6-Dinitrotoluene        | 13.939 | 165  | 14505    | 40.13 | ng    | 97       |
| 52) Acenaphthene              | 14.404 | 154  | 51260    | 40.64 | ng    | 98       |
| 53) 3-Nitroaniline            | 14.275 | 138  | 10863    | 30.84 | ng    | 83       |
| 54) 2,4-Dinitrophenol         | 14.498 | 184  | 14966    | 80.95 | ng    | 93       |
| 55) Dibenzofuran              | 14.739 | 168  | 79649    | 40.22 | ng    | 96       |
| 56) 4-Nitrophenol             | 14.610 | 139  | 20832    | 72.11 | ng    | 84       |
| 57) 2,4-Dinitrotoluene        | 14.739 | 165  | 20195    | 42.77 | ng    | # 84     |
| 58) Fluorene                  | 15.392 | 166  | 64794    | 40.82 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 14.981 | 232  | 15891m   | 41.09 | ng    |          |
| 60) Diethylphthalate          | 15.175 | 149  | 66712    | 42.77 | ng    | 97       |
| 61) 4-Chlorophenyl-phenyle... | 15.386 | 204  | 31841    | 42.04 | ng    | 93       |
| 62) 4-Nitroaniline            | 15.445 | 138  | 13525    | 39.72 | ng    | 92       |
| 63) Azobenzene                | 15.680 | 77   | 60053    | 41.73 | ng    | 85       |
| 65) 4,6-Dinitro-2-methylph... | 15.510 | 198  | 10414    | 38.08 | ng    | # 69     |
| 66) n-Nitrosodiphenylamine    | 15.610 | 169  | 54151    | 40.76 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.280 | 248  | 17892    | 41.06 | ng    | # 91     |
| 68) Hexachlorobenzene         | 16.392 | 284  | 20376    | 41.96 | ng    | 95       |
| 69) Atrazine                  | 16.563 | 200  | 15678    | 37.93 | ng    | 95       |
| 70) Pentachlorophenol         | 16.745 | 266  | 21704    | 83.56 | ng    | 94       |
| 71) Phenanthrene              | 17.127 | 178  | 93344    | 40.37 | ng    | 99       |
| 72) Anthracene                | 17.222 | 178  | 95976    | 41.90 | ng    | 99       |
| 73) Carbazole                 | 17.498 | 167  | 87104    | 39.63 | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.051 | 149  | 110344   | 44.16 | ng    | 99       |
| 75) Fluoranthene              | 19.145 | 202  | 106638   | 41.96 | ng    | 99       |
| 77) Benzidine                 | 19.339 | 184  | 33027    | 26.52 | ng    | 99       |
| 78) Pyrene                    | 19.504 | 202  | 108346   | 39.03 | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.404 | 149  | 51132    | 42.78 | ng    | 95       |
| 81) Benzo(a)anthracene        | 21.245 | 228  | 104260   | 39.75 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.186 | 252  | 29390    | 32.44 | ng    | # 96     |
| 83) Chrysene                  | 21.298 | 228  | 103237   | 40.40 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.168 | 149  | 76611    | 44.55 | ng    | # 96     |
| 85) Di-n-octyl phthalate      | 22.027 | 149  | 134305   | 46.03 | ng    | # 88     |
| 87) Indeno(1,2,3-cd)pyrene    | 25.580 | 276  | 125200   | 44.70 | ng    | # 91     |
| 88) Benzo(b)fluoranthene      | 22.774 | 252  | 108992   | 41.57 | ng    | # 97     |
| 89) Benzo(k)fluoranthene      | 22.821 | 252  | 104624   | 42.01 | ng    | # 98     |
| 90) Benzo(a)pyrene            | 23.327 | 252  | 98037    | 40.98 | ng    | # 97     |
| 91) Dibenzo(a,h)anthracene    | 25.586 | 278  | 105449   | 43.32 | ng    | # 94     |
| 92) Benzo(g,h,i)perylene      | 26.239 | 276  | 102961   | 43.81 | ng    | # 92     |

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

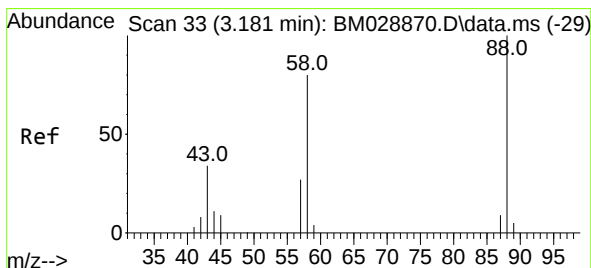
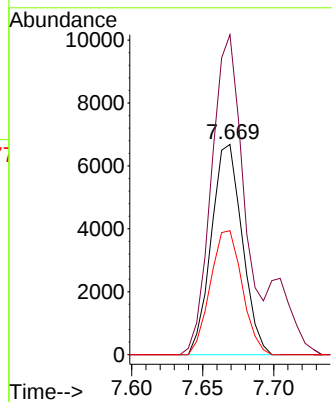
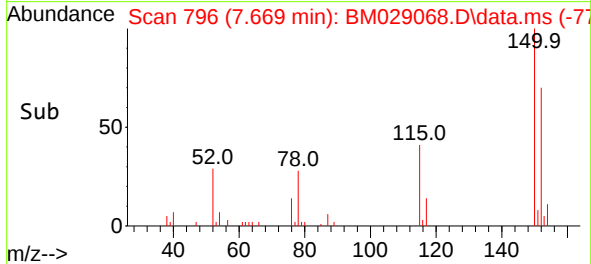




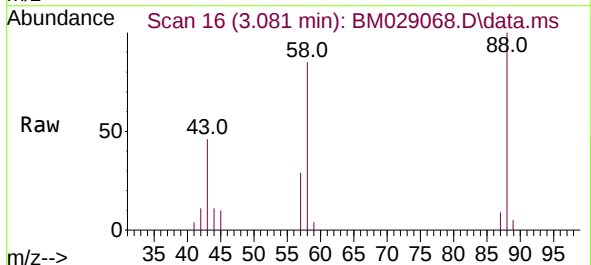
#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.669 min Scan# 796  
Delta R.T. 0.000 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56



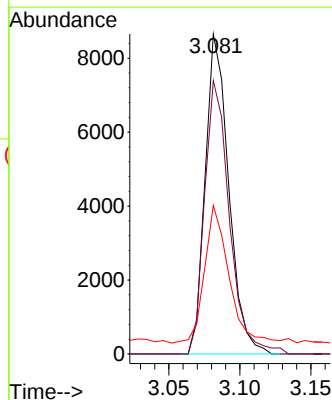
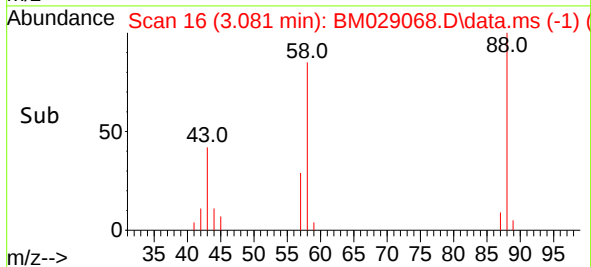
Tgt Ion: 152 Resp: 10110  
Ion Ratio Lower Upper  
152 100  
150 152.2 120.6 181.0  
115 59.0 47.2 70.8



#2  
1,4-Dioxane  
Concen: 43.53 ng  
RT: 3.081 min Scan# 16  
Delta R.T. -0.012 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56



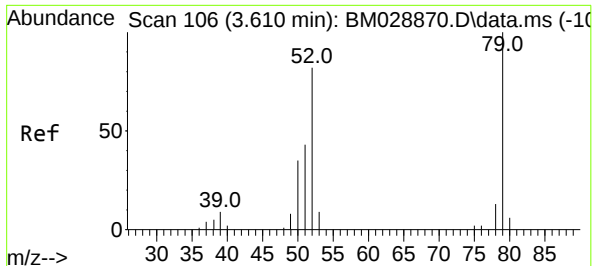
Tgt Ion: 88 Resp: 9983  
Ion Ratio Lower Upper  
88 100  
58 90.4 46.2 69.2#  
43 44.9 19.0 28.6#



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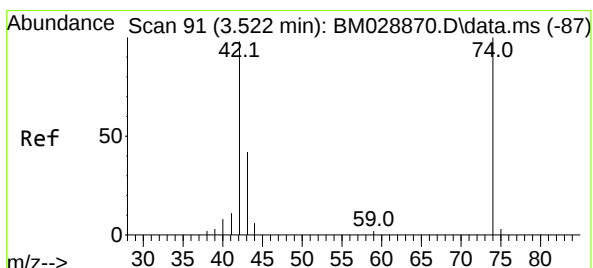
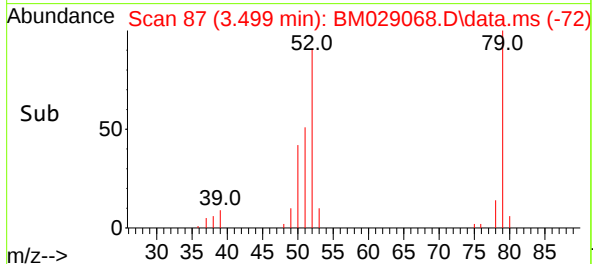
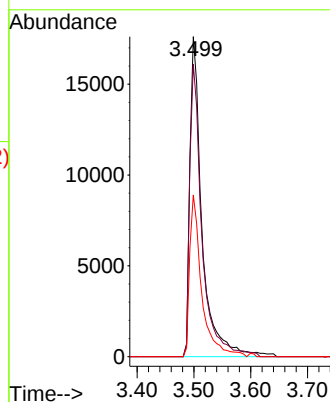
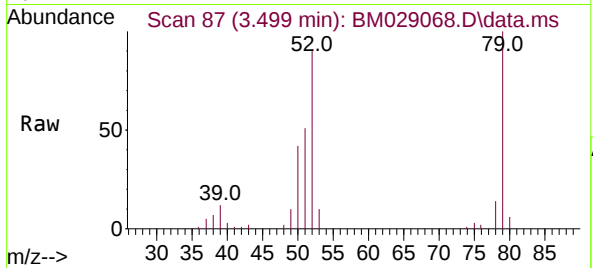
#3  
Pyridine  
Concen: 43.62 ng  
RT: 3.499 min Scan# 87  
Delta R.T. -0.012 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 79    | Resp: | 26397 |
| Ion Ratio | Lower | Upper |       |
| 79        | 100   |       |       |
| 52        | 91.4  | 35.8  | 53.8# |
| 51        | 50.6  | 21.0  | 31.6# |

Instrument :  
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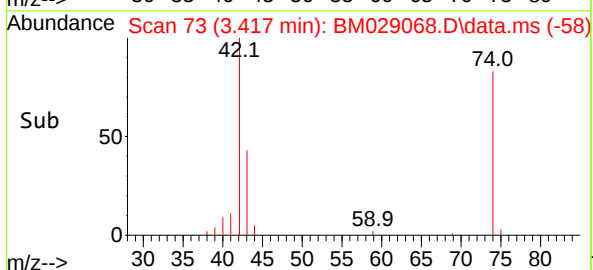
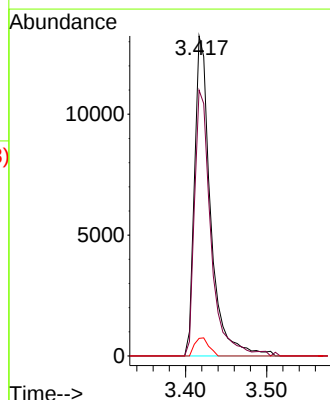
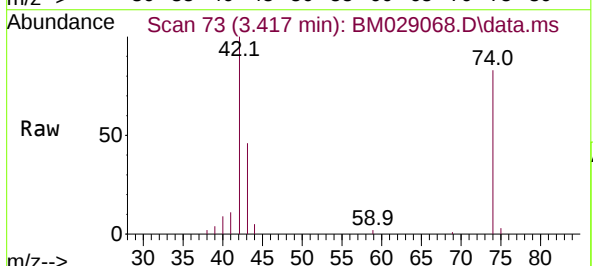
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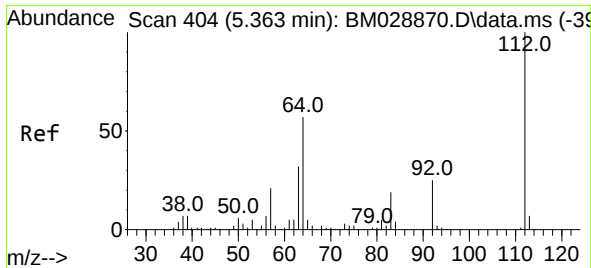
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#4  
n-Nitrosodimethylamine  
Concen: 54.10 ng  
RT: 3.417 min Scan# 73  
Delta R.T. -0.012 min  
Lab File: BM029068.D  
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|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 18292  |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 83.0  | 127.8 | 191.6# |
| 44        | 5.5   | 4.1   | 6.1    |





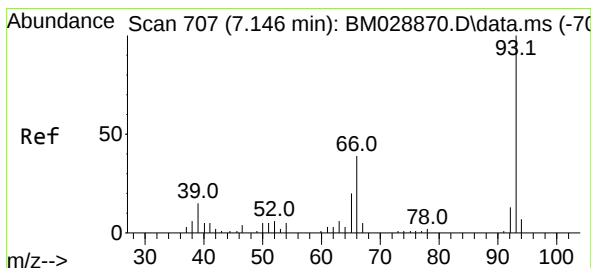
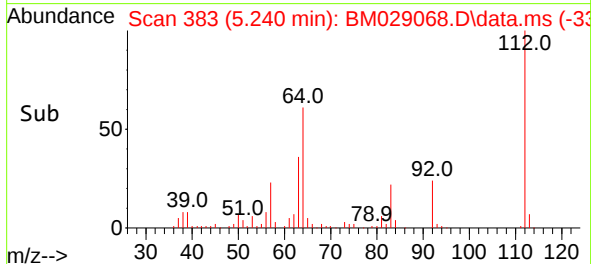
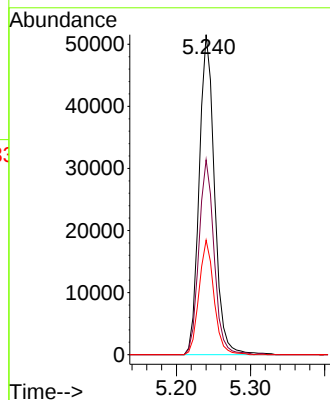
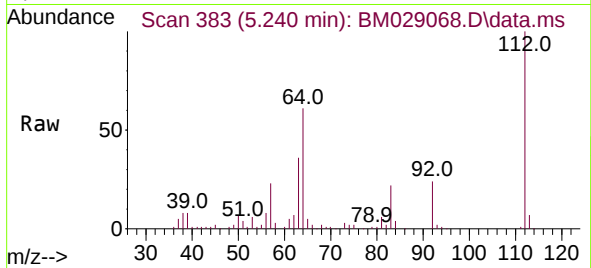
#5  
2-Fluorophenol  
Concen: 121.44 ng  
RT: 5.240 min Scan# 383  
Delta R.T. -0.006 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 112   | Resp: | 74074 |
| Ion Ratio | Lower | Upper |       |
| 112       | 100   |       |       |
| 64        | 60.9  | 50.6  | 76.0  |
| 63        | 35.8  | 31.0  | 46.6  |

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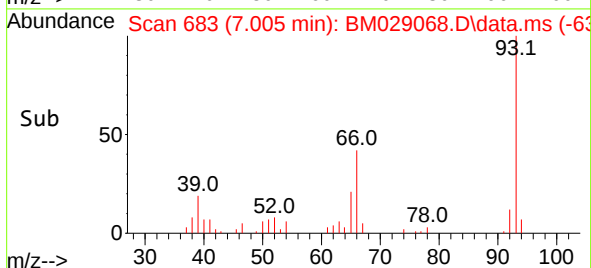
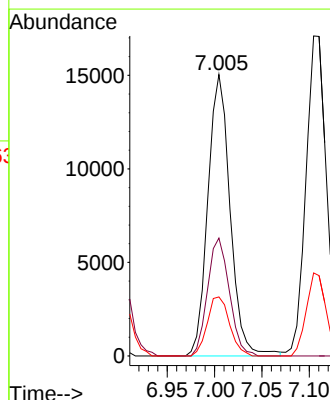
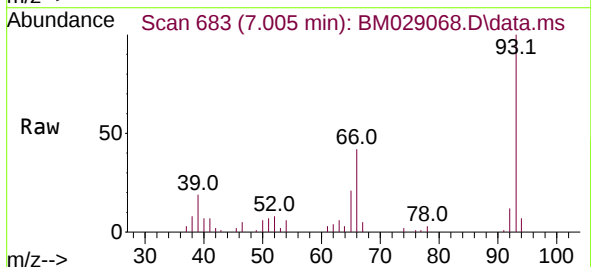
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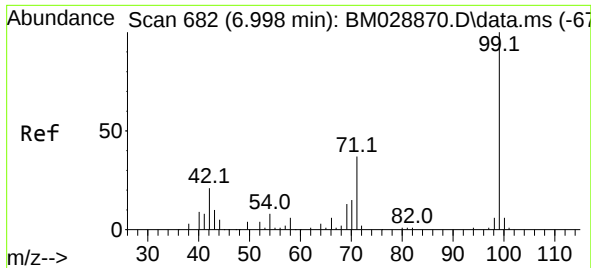
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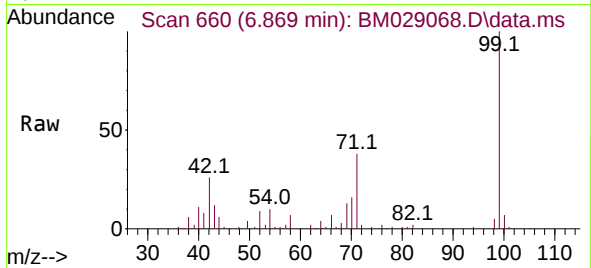
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Aniline  
Concen: 28.60 ng  
RT: 7.005 min Scan# 683  
Delta R.T. -0.006 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 93    | Resp: | 24643 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 66        | 41.9  | 33.3  | 49.9  |
| 65        | 21.0  | 17.4  | 26.0  |

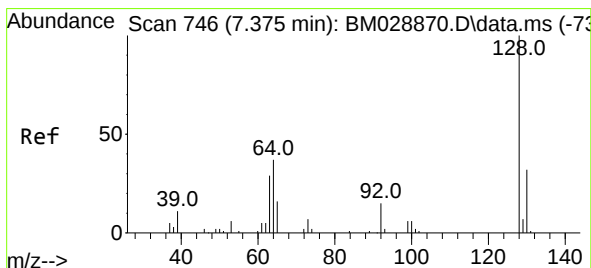
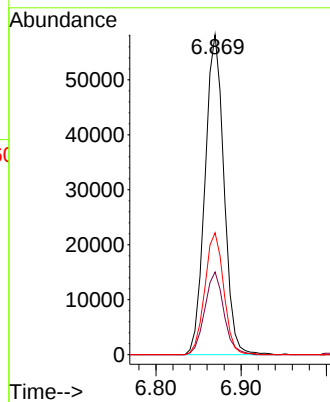
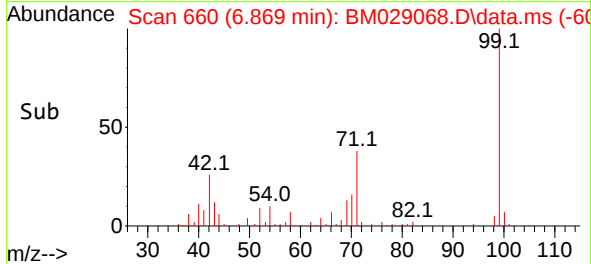




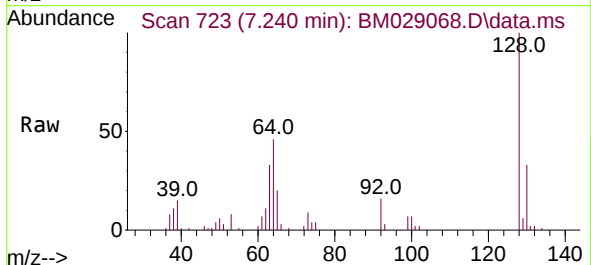
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Phenol-d6  
Concen: 111.59 ng  
RT: 6.869 min Scan# 660  
Delta R.T. 0.000 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56



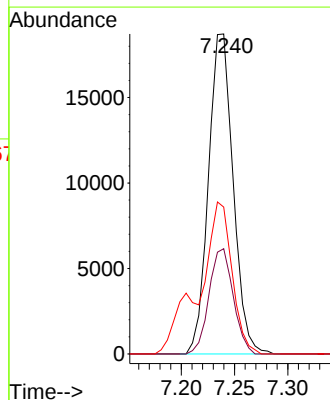
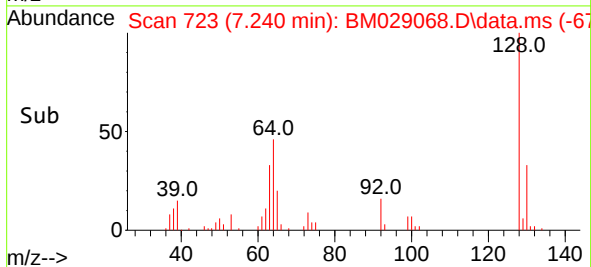
Tgt Ion: 99 Resp: 89904  
Ion Ratio Lower Upper  
99 100  
42 25.9 13.5 20.3#  
71 38.1 39.4 59.0#



#8  
2-Chlorophenol  
Concen: 41.67 ng  
RT: 7.240 min Scan# 723  
Delta R.T. 0.000 min  
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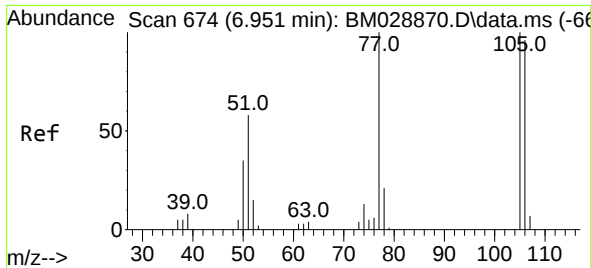
Tgt Ion: 128 Resp: 30190  
Ion Ratio Lower Upper  
128 100  
130 32.9 11.5 51.5  
64 45.9 30.1 70.1



Instrument :  
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ClientSampleId :  
PB135082BS

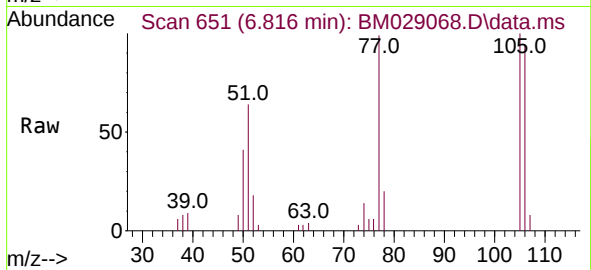
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#9  
Benzaldehyde  
Concen: 20.01 ng  
RT: 6.816 min Scan# 651  
Delta R.T. -0.006 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56

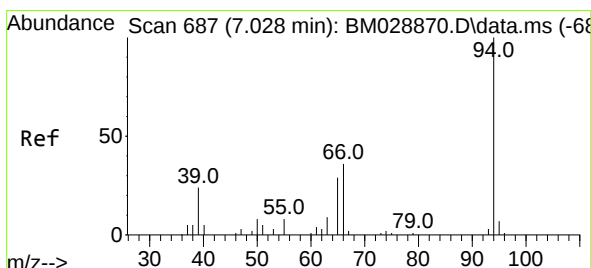
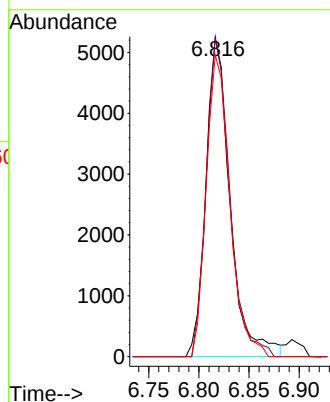
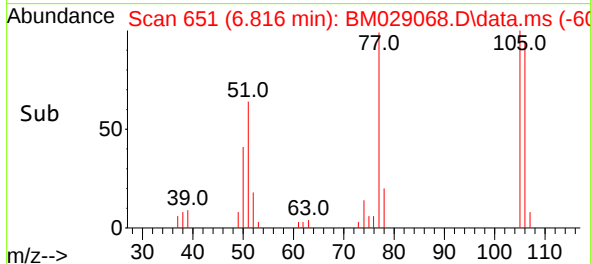
Instrument :  
BNA\_M  
ClientSampleId :  
PB135082BS



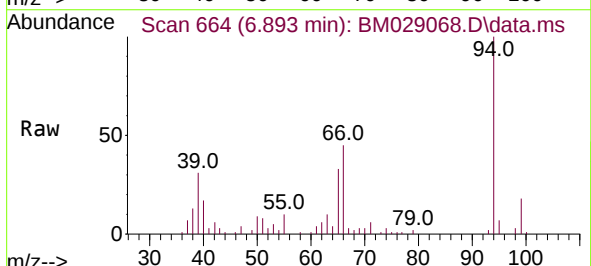
Tgt Ion: 77 Resp: 8787  
Ion Ratio Lower Upper  
77 100  
105 100.6 64.7 104.7  
106 94.8 57.5 97.5

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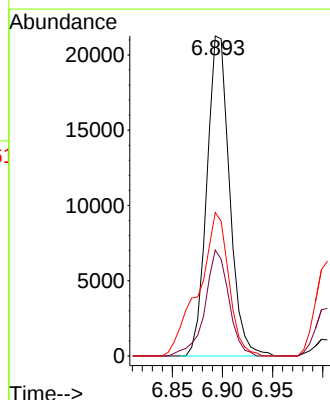
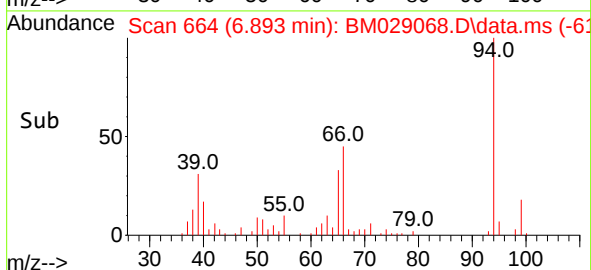
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#10  
Phenol  
Concen: 41.82 ng  
RT: 6.893 min Scan# 664  
Delta R.T. -0.006 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56



Tgt Ion: 94 Resp: 33482  
Ion Ratio Lower Upper  
94 100  
65 33.1 16.4 56.4  
66 44.8 30.2 70.2





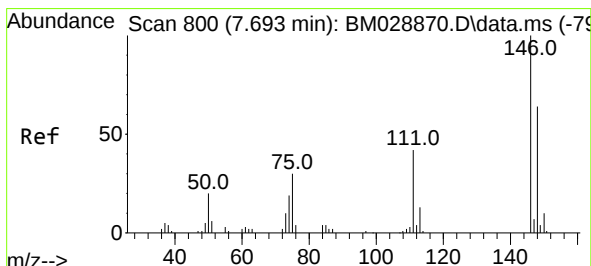
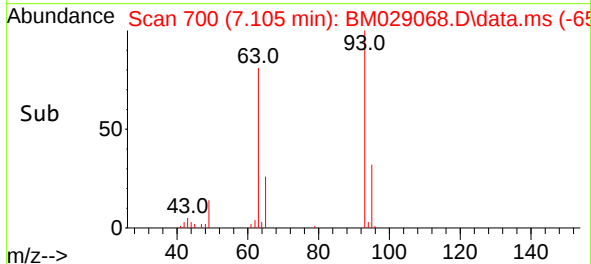
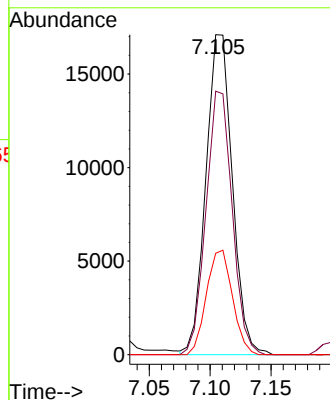
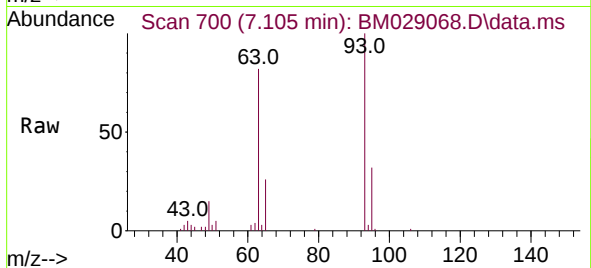
#11  
bis(2-Chloroethyl)ether  
Concen: 42.65 ng  
RT: 7.105 min Scan# 700  
Delta R.T. -0.006 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56

|             |             |
|-------------|-------------|
| Tgt Ion: 93 | Resp: 25905 |
| Ion Ratio   | Lower Upper |
| 93 100      |             |
| 63 82.3     | 53.1 93.1   |
| 95 31.7     | 12.1 52.1   |

Instrument :  
BNA\_M  
ClientSampleId :  
PB135082BS

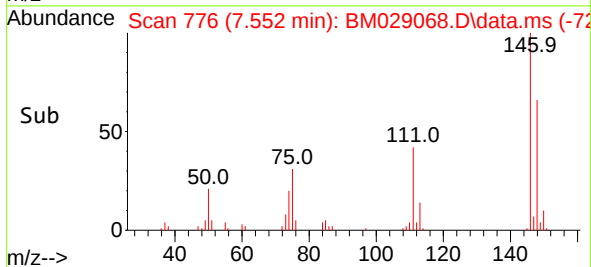
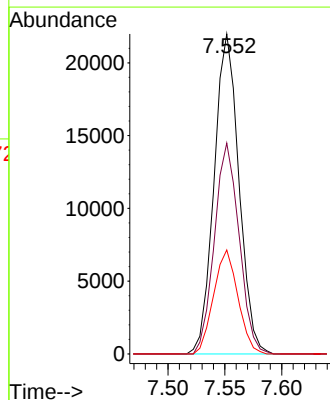
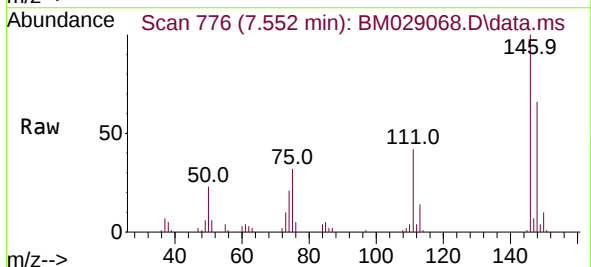
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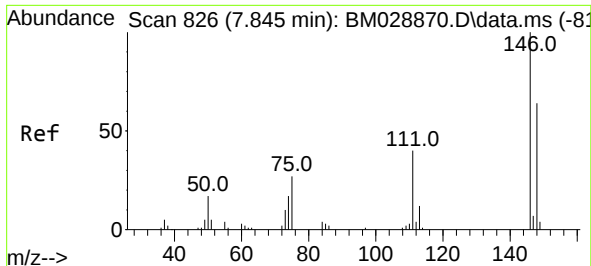
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#12  
1,3-Dichlorobenzene  
Concen: 42.27 ng  
RT: 7.552 min Scan# 776  
Delta R.T. 0.000 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56

|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion:146 | Resp: | 33397 |       |
| Ion         | Ratio | Lower | Upper |
| 146         | 100   |       |       |
| 148         | 65.9  | 51.6  | 77.4  |
| 75          | 32.5  | 33.0  | 49.6# |





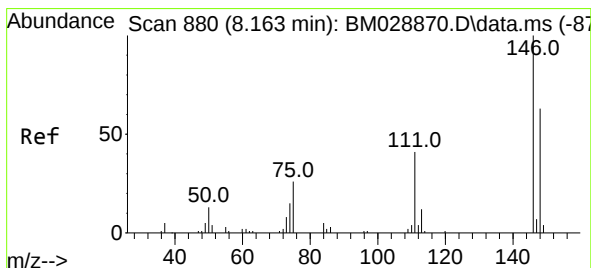
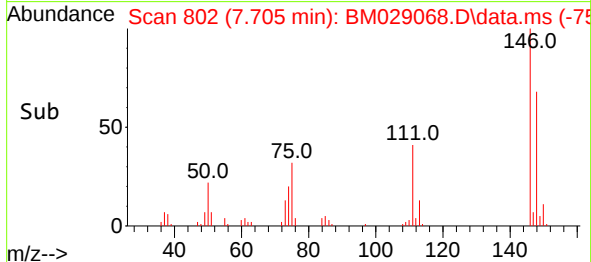
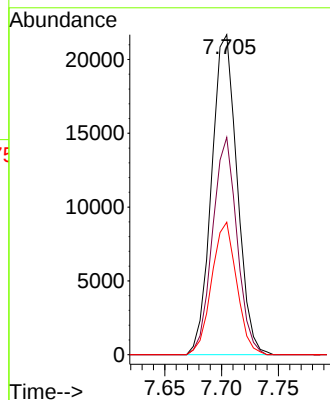
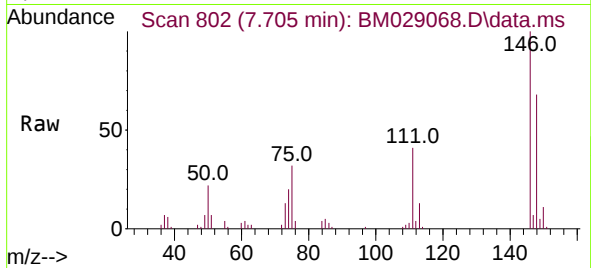
#13  
1,4-Dichlorobenzene  
Concen: 42.31 ng  
RT: 7.705 min Scan# 802  
Delta R.T. 0.000 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56

Tgt Ion:146 Resp: 33908  
Ion Ratio Lower Upper  
146 100  
148 67.9 51.4 77.0  
111 41.4 34.4 51.6

Instrument :  
BNA\_M  
ClientSampled :  
PB135082BS

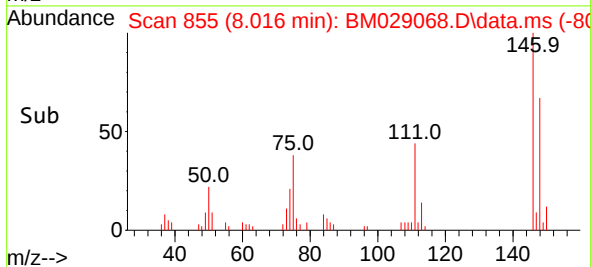
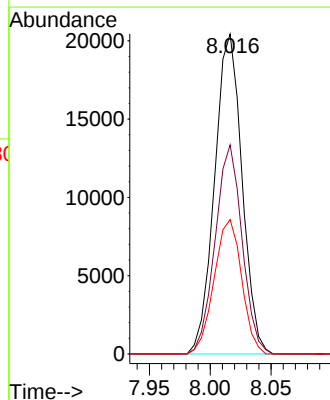
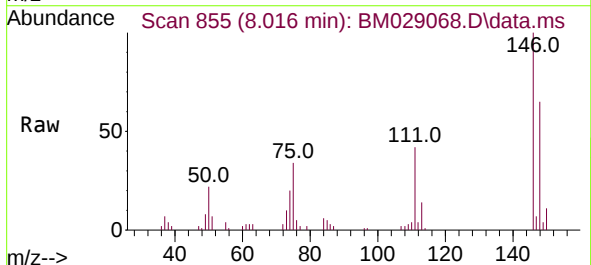
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#14  
1,2-Dichlorobenzene  
Concen: 41.55 ng  
RT: 8.016 min Scan# 855  
Delta R.T. 0.000 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56

Tgt Ion:146 Resp: 32036  
Ion Ratio Lower Upper  
146 100  
148 65.4 51.3 76.9  
111 42.0 35.4 53.0





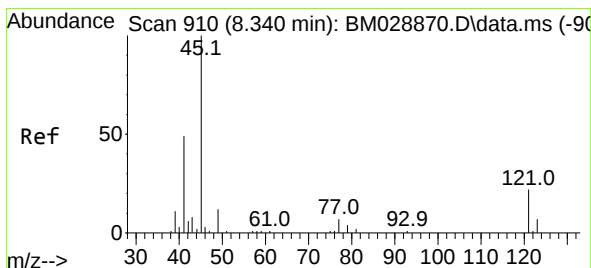
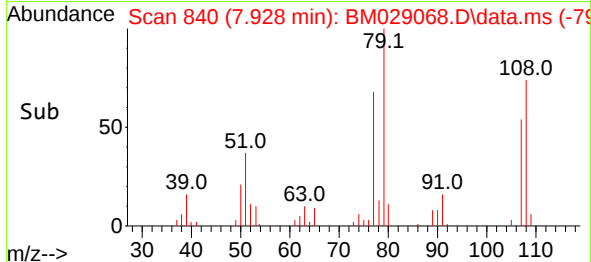
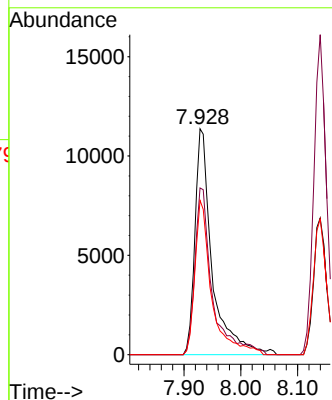
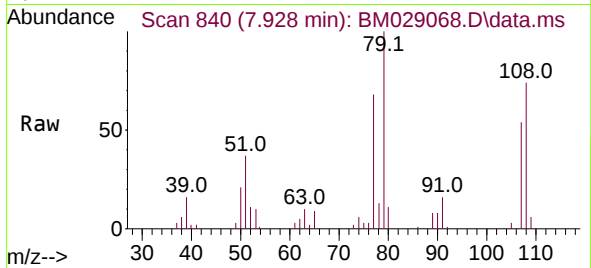
#15  
Benzyl Alcohol  
Concen: 41.79 ng  
RT: 7.928 min Scan# 840  
Delta R.T. -0.006 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56

Instrument :  
BNA\_M  
ClientSampleId :  
PB135082BS

Tgt Ion: 79 Resp: 24073  
Ion Ratio Lower Upper  
79 100  
108 73.8 49.0 73.4#  
77 68.3 55.2 82.8

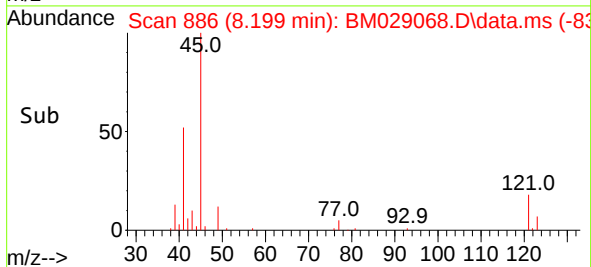
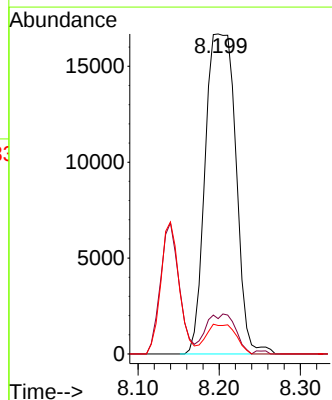
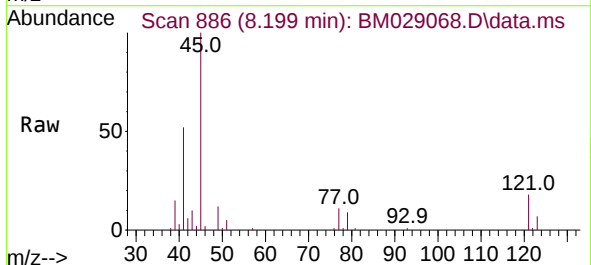
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#16  
2,2'-oxybis(1-chloropropane)  
Concen: 46.74 ng  
RT: 8.199 min Scan# 886  
Delta R.T. -0.012 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56

Tgt Ion: 45 Resp: 43714  
Ion Ratio Lower Upper  
45 100  
77 11.0 9.5 49.5  
79 8.9 1.8 41.8





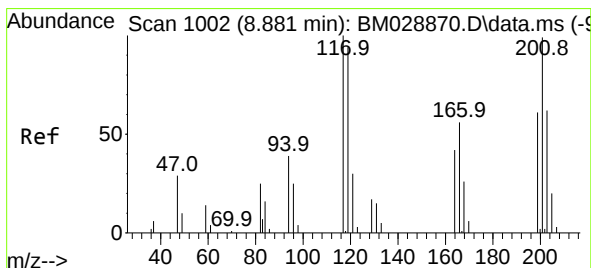
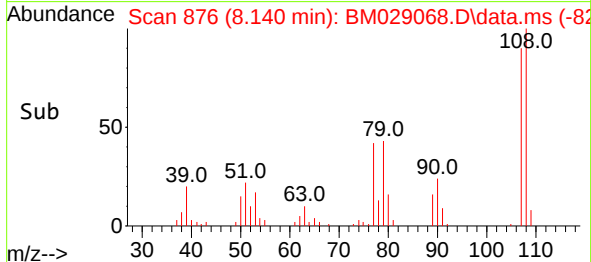
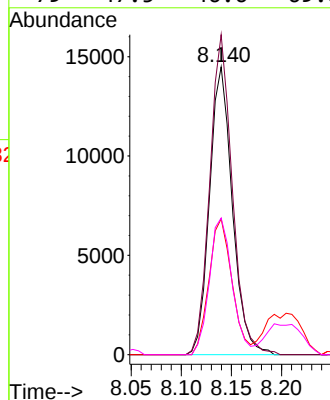
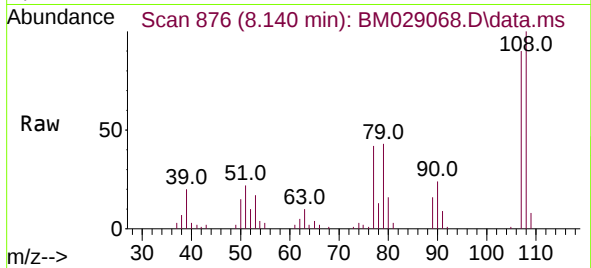
#17  
2-Methylphenol  
Concen: 42.26 ng  
RT: 8.140 min Scan# 876  
Delta R.T. 0.000 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 22974 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 111.2 | 87.8  | 131.6 |
| 77       | 47.2  | 50.9  | 76.3# |
| 79       | 47.5  | 46.6  | 69.8  |

Instrument :  
BNA\_M  
ClientSampleID :  
PB135082BS

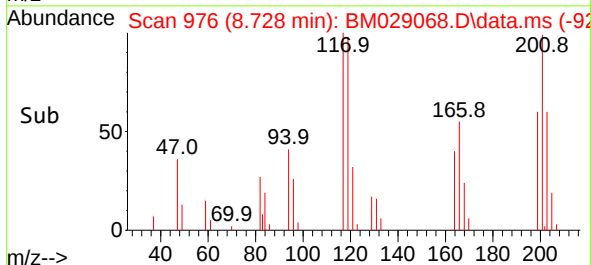
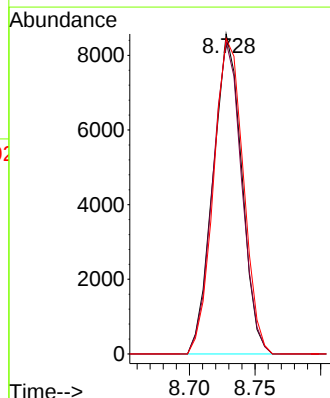
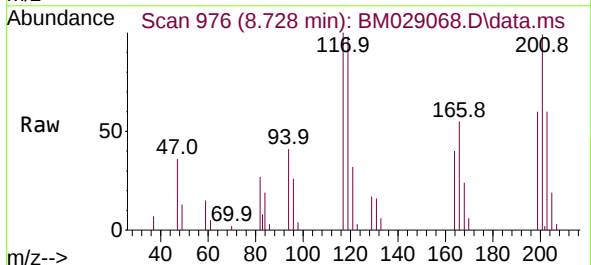
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#18  
Hexachloroethane  
Concen: 44.65 ng  
RT: 8.728 min Scan# 976  
Delta R.T. -0.006 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 13000 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 97.6  | 73.1  | 109.7 |
| 201      | 98.6  | 88.7  | 133.1 |





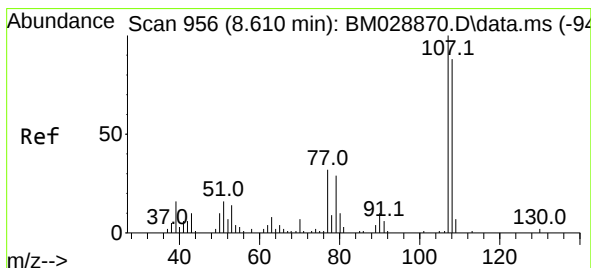
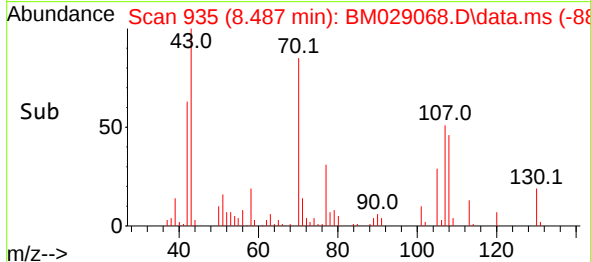
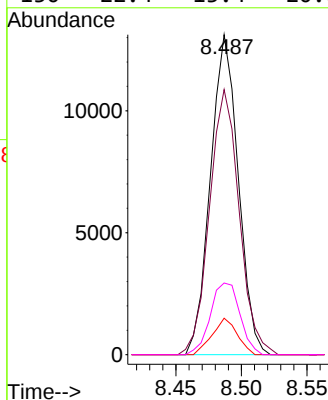
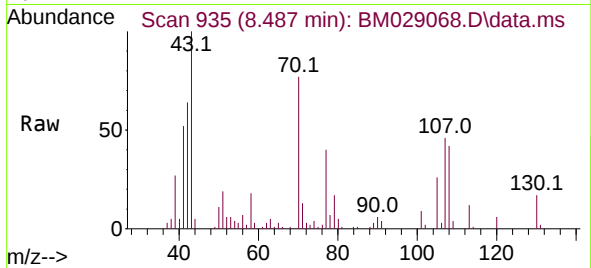
#19  
n-Nitroso-di-n-propylamine  
Concen: 40.83 ng  
RT: 8.487 min Scan# 935  
Delta R.T. -0.006 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56

| Tgt Ion: | 70    | Resp: | 19350 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 82.8  | 31.9  | 47.9# |
| 101      | 11.4  | 7.0   | 10.4# |
| 130      | 22.4  | 13.4  | 20.0# |

Instrument :  
BNA\_M  
ClientSampleId :  
PB135082BS

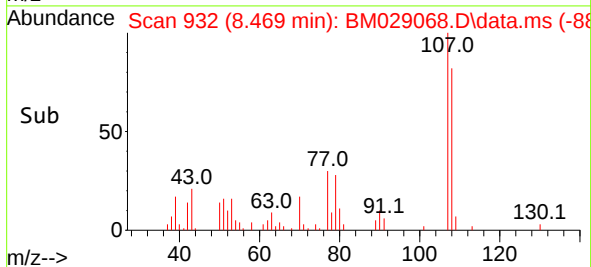
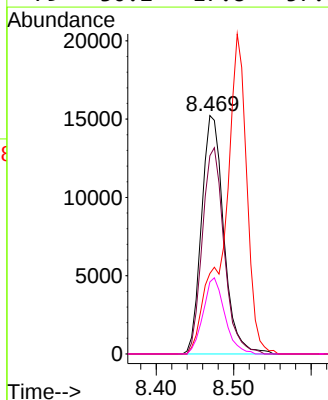
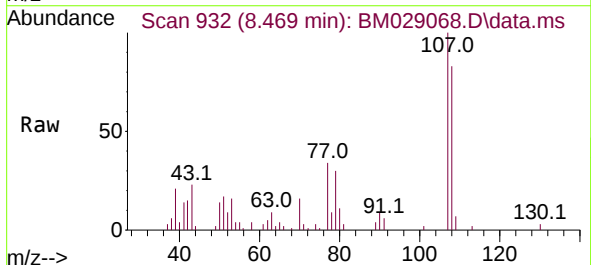
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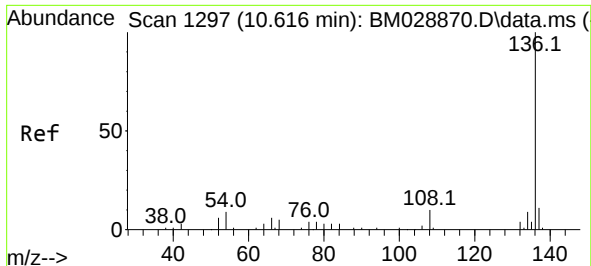
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#20  
3+4-Methylphenols  
Concen: 41.40 ng  
RT: 8.469 min Scan# 932  
Delta R.T. -0.006 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56

| Tgt Ion: | 107   | Resp: | 30282 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 83.2  | 64.5  | 104.5 |
| 77       | 33.7  | 24.2  | 64.2  |
| 79       | 30.2  | 17.8  | 57.8  |





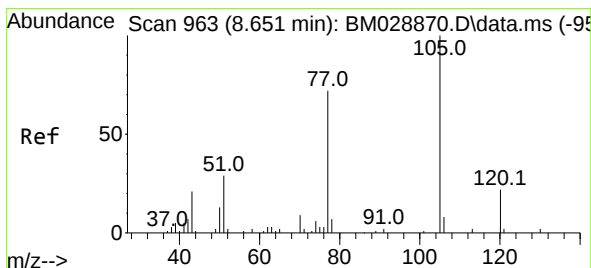
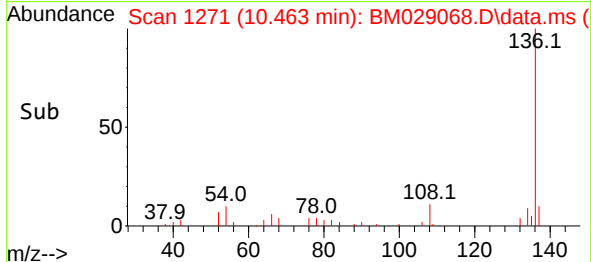
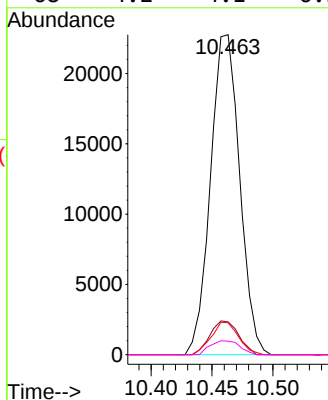
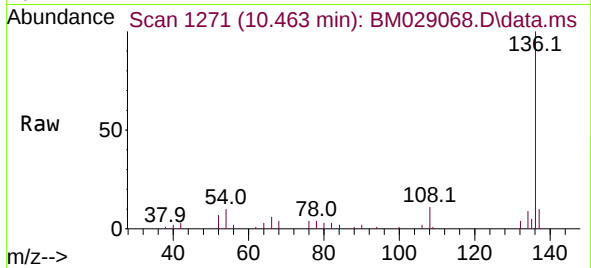
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.463 min Scan# 1271  
Delta R.T. 0.000 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 37925 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 10.2  | 8.6   | 12.8  |
| 54        | 9.9   | 4.6   | 7.0#  |
| 68        | 4.2   | 4.1   | 6.1   |

Instrument :  
BNA\_M  
ClientSampled :  
PB135082BS

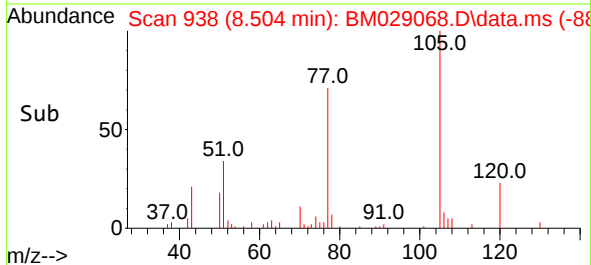
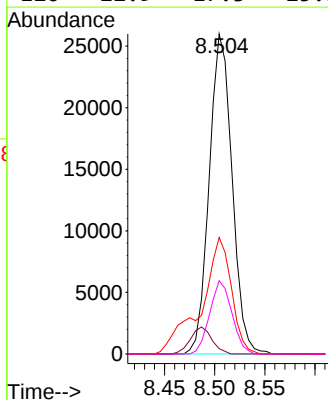
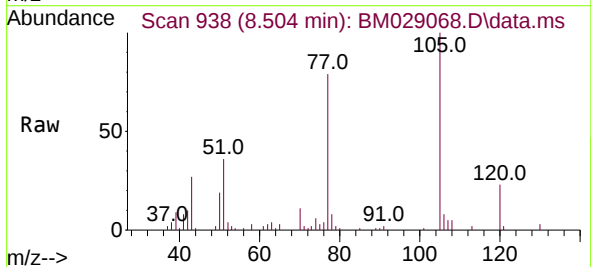
Manual Integrations  
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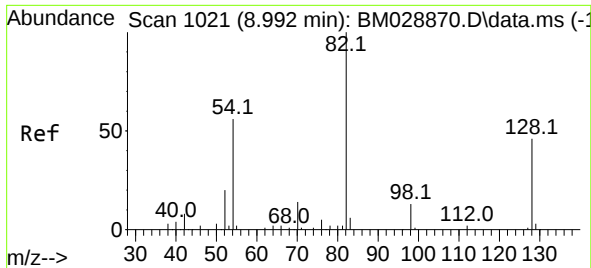
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#22  
Acetophenone  
Concen: 44.52 ng  
RT: 8.504 min Scan# 938  
Delta R.T. -0.006 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 105   | Resp: | 41181 |
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 71        | 1.6   | 7.6   | 11.4# |
| 51        | 36.4  | 18.6  | 28.0# |
| 120       | 22.9  | 17.3  | 25.9  |





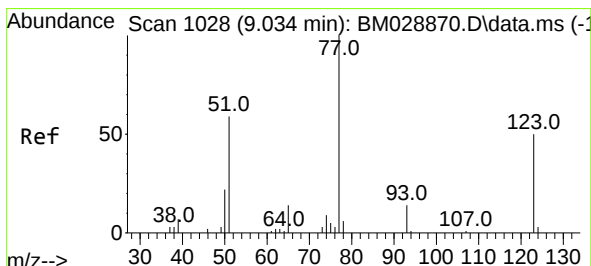
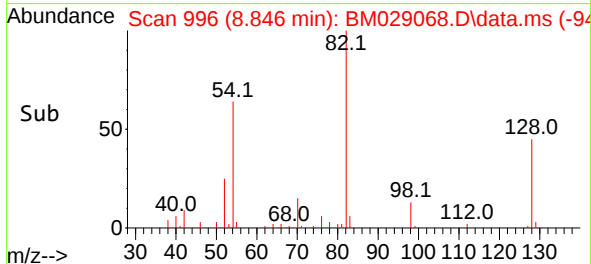
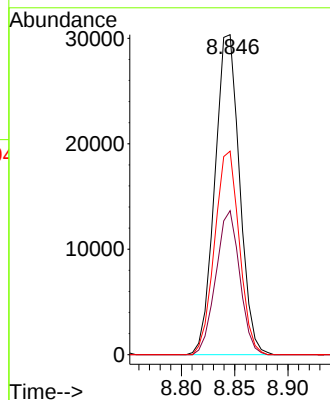
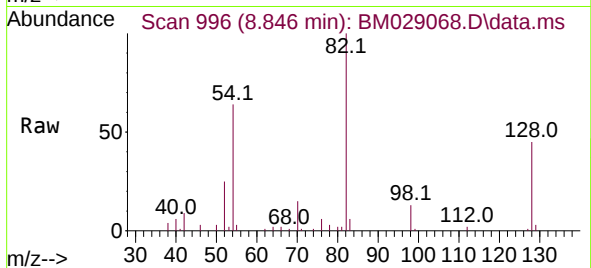
#23  
Nitrobenzene-d5  
Concen: 69.65 ng  
RT: 8.846 min Scan# 996  
Delta R.T. 0.000 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 45.0  | 27.4  | 41.0# |
| 54      | 63.6  | 31.4  | 47.0# |

Instrument :  
BNA\_M  
ClientSampleId :  
PB135082BS

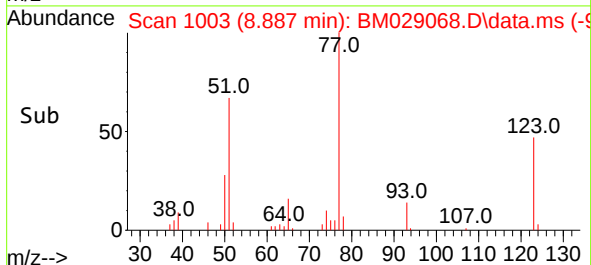
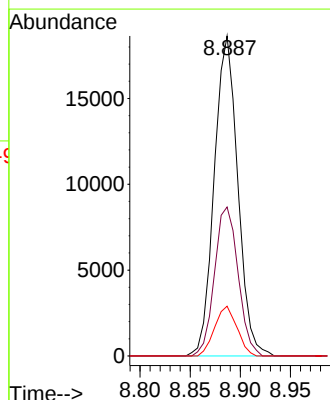
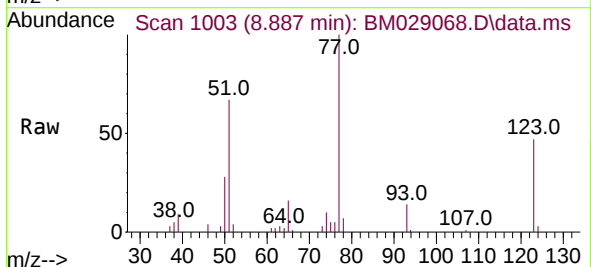
Manual Integrations  
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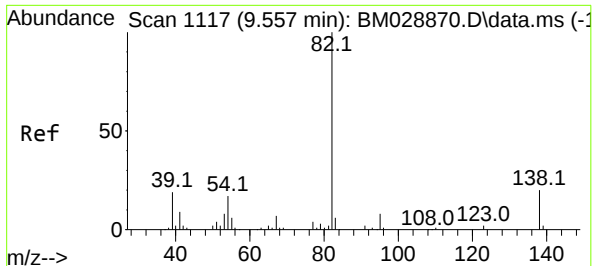
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#24  
Nitrobenzene  
Concen: 42.58 ng  
RT: 8.887 min Scan# 1003  
Delta R.T. 0.000 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 46.6  | 29.1  | 43.7# |
| 65      | 15.6  | 11.3  | 16.9  |





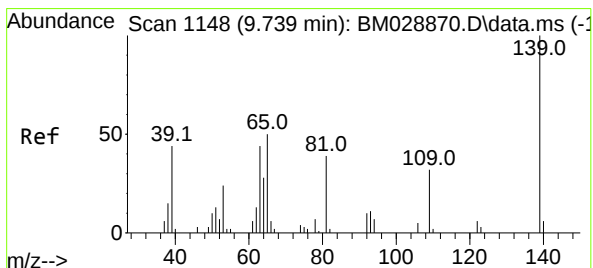
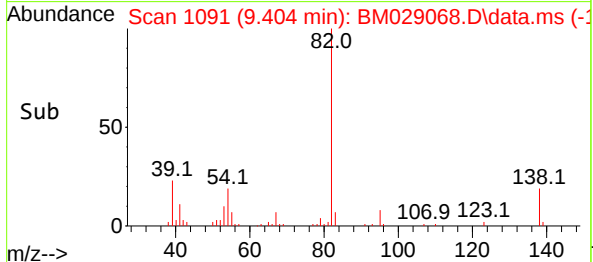
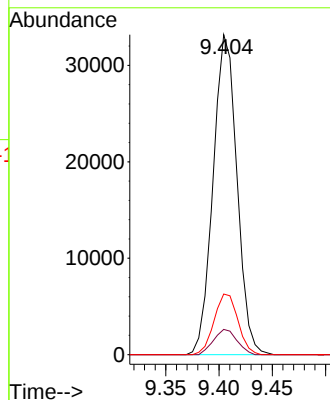
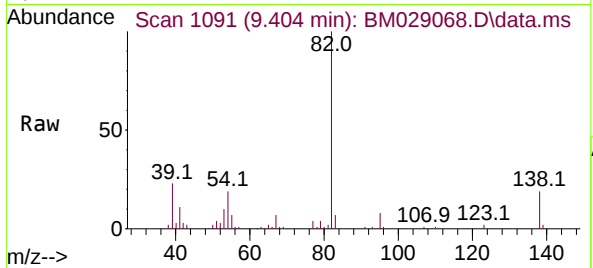
#25  
Isophorone  
Concen: 41.82 ng  
RT: 9.404 min Scan# 1091  
Delta R.T. -0.006 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56

|             |             |
|-------------|-------------|
| Tgt Ion: 82 | Resp: 51726 |
| Ion Ratio   | Lower Upper |
| 82 100      |             |
| 95 7.9      | 6.8 10.2    |
| 138 18.9    | 13.1 19.7   |

Instrument :  
BNA\_M  
ClientSampleId :  
PB135082BS

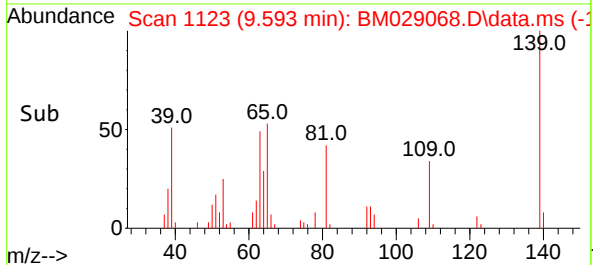
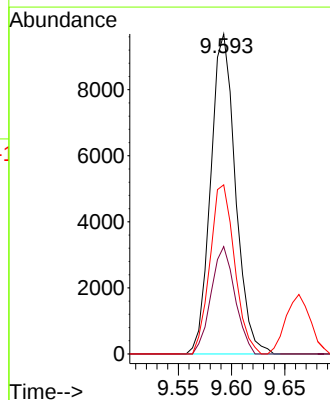
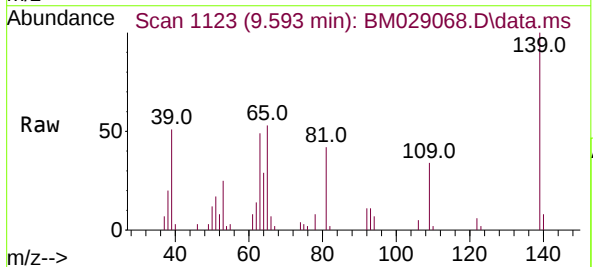
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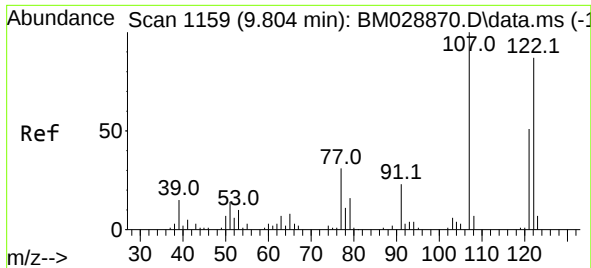
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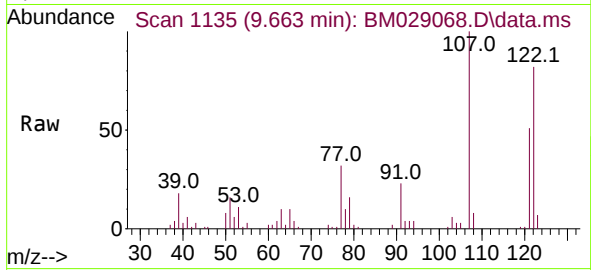
#26  
2-Nitrophenol  
Concen: 43.33 ng  
RT: 9.593 min Scan# 1123  
Delta R.T. 0.000 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56

|              |             |
|--------------|-------------|
| Tgt Ion: 139 | Resp: 15642 |
| Ion Ratio    | Lower Upper |
| 139 100      |             |
| 109 33.5     | 33.8 50.8   |
| 65 52.9      | 51.0 76.6   |

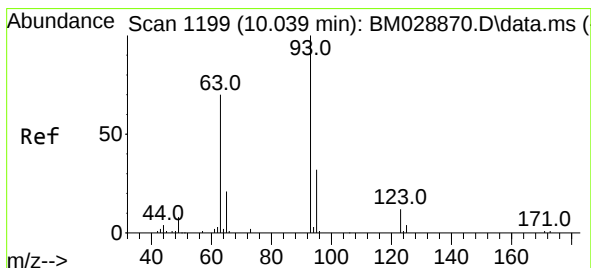
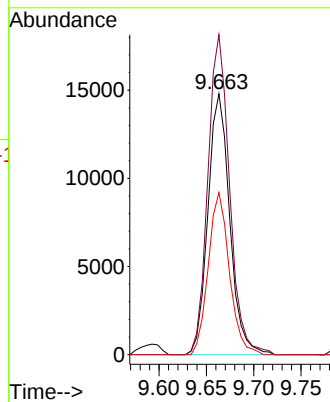
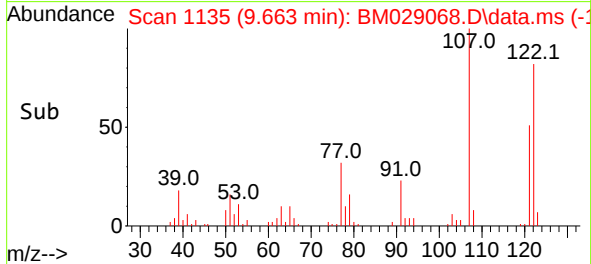




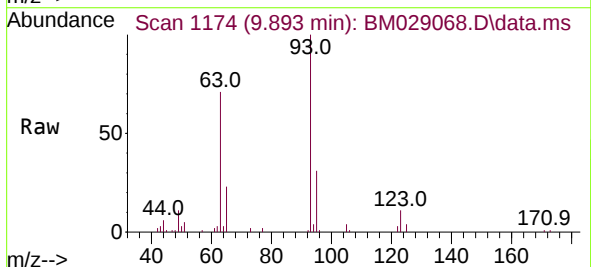
#27  
2,4-Dimethylphenol  
Concen: 43.81 ng  
RT: 9.663 min Scan# 1135  
Delta R.T. 0.000 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56



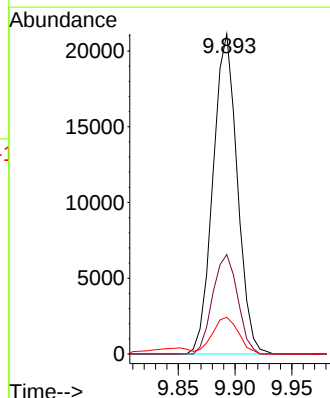
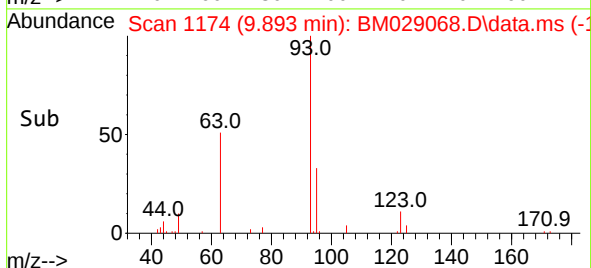
Tgt Ion:122 Resp: 23735  
Ion Ratio Lower Upper  
122 100  
107 122.7 106.6 159.8  
121 62.1 48.8 73.2



#28  
bis(2-Chloroethoxy)methane  
Concen: 44.74 ng  
RT: 9.893 min Scan# 1174  
Delta R.T. 0.000 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56



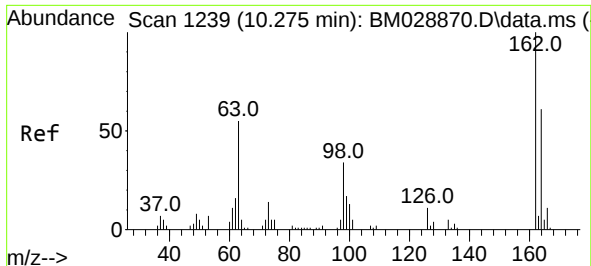
Tgt Ion: 93 Resp: 31443  
Ion Ratio Lower Upper  
93 100  
95 31.0 26.5 39.7  
123 11.5 8.6 12.8



Instrument :  
BNA\_M  
ClientSampleId :  
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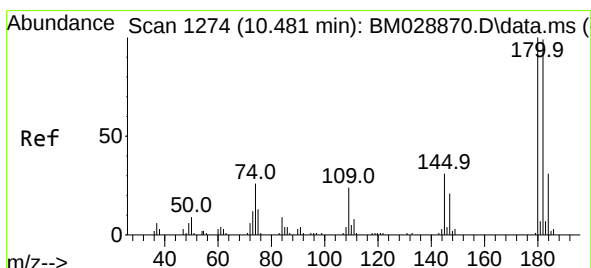
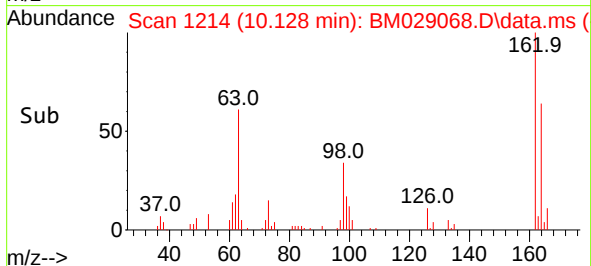
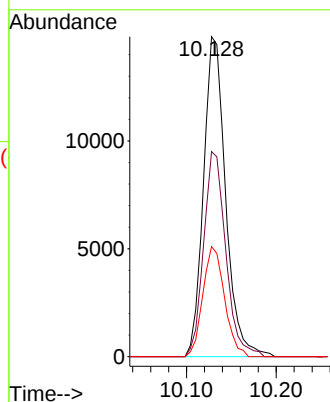
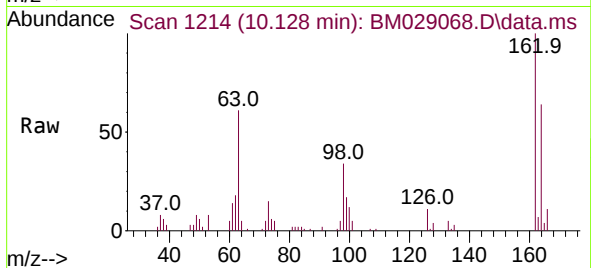
#29  
2,4-Dichlorophenol  
Concen: 40.99 ng  
RT: 10.128 min Scan# 1214  
Delta R.T. -0.006 min  
Lab File: BM029068.D  
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Tgt Ion:162 Resp: 25405  
Ion Ratio Lower Upper  
162 100  
164 64.1 43.2 83.2  
98 34.4 15.7 55.7

Instrument :  
BNA\_M  
ClientSampleId :  
PB135082BS

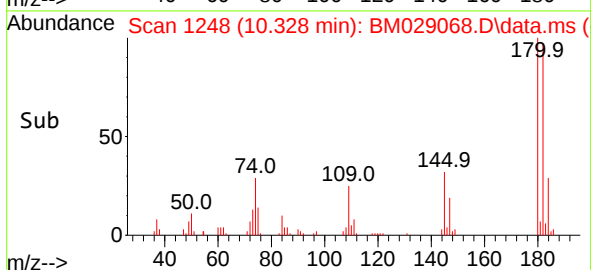
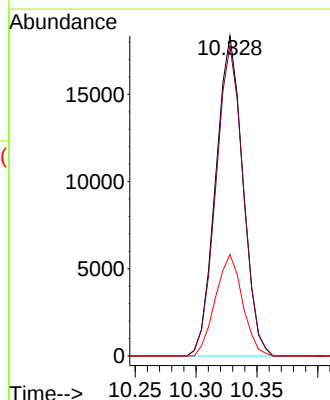
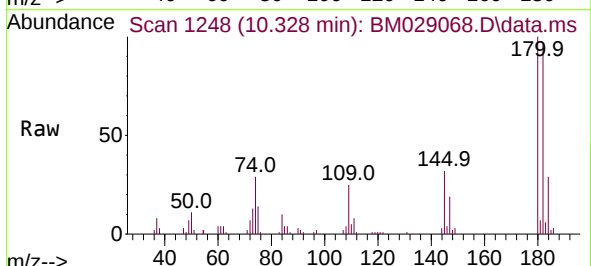
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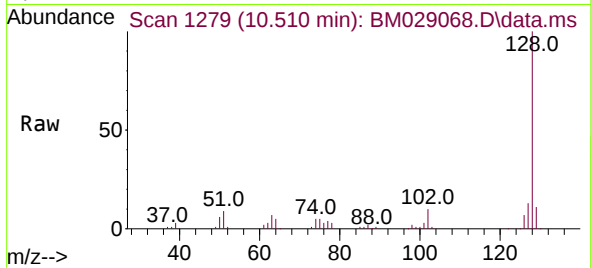
#30  
1,2,4-Trichlorobenzene  
Concen: 41.83 ng  
RT: 10.328 min Scan# 1248  
Delta R.T. 0.000 min  
Lab File: BM029068.D  
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Tgt Ion:180 Resp: 28430  
Ion Ratio Lower Upper  
180 100  
182 97.0 77.7 116.5  
145 31.7 23.4 35.0

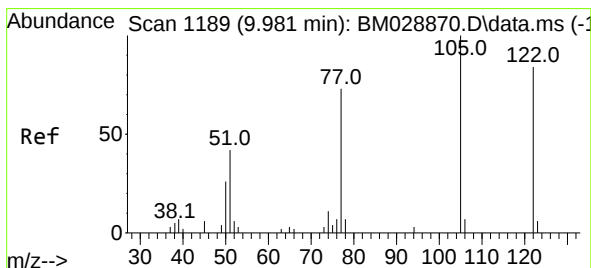
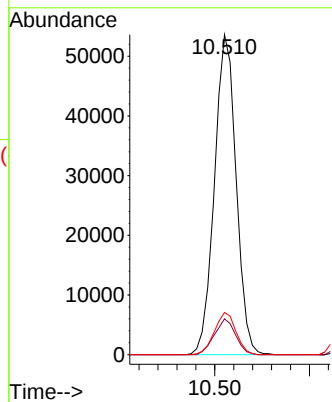
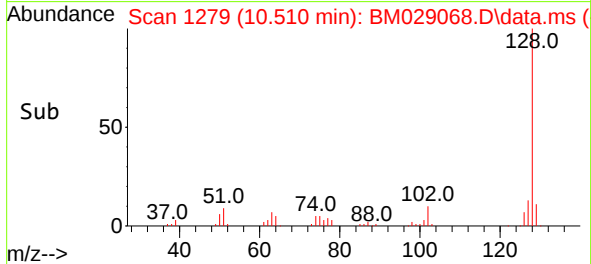




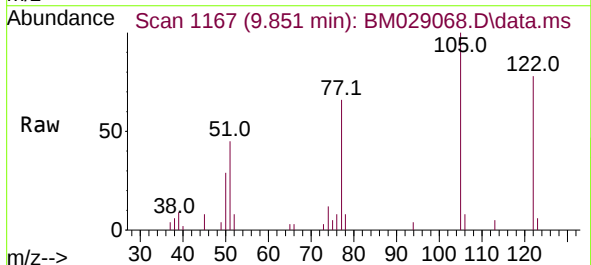
#31  
Naphthalene  
Concen: 40.73 ng  
RT: 10.510 min Scan# 1279  
Delta R.T. -0.006 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56



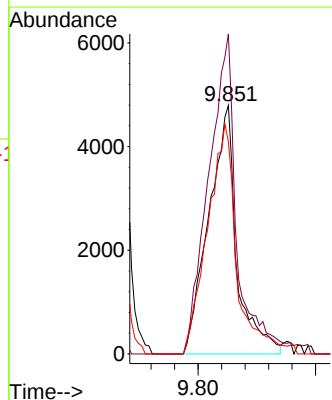
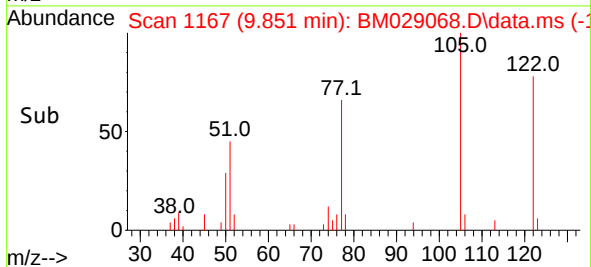
Tgt Ion:128 Resp: 85170  
Ion Ratio Lower Upper  
128 100  
129 11.2 9.0 13.4  
127 13.2 10.6 15.8



#32  
Benzoic acid  
Concen: 41.02 ng  
RT: 9.851 min Scan# 1167  
Delta R.T. 0.012 min  
Lab File: BM029068.D  
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Tgt Ion:122 Resp: 15928  
Ion Ratio Lower Upper  
122 100  
105 128.8 114.0 154.0  
77 85.5 101.8 141.8#



Instrument :  
BNA\_M  
ClientSampleId :  
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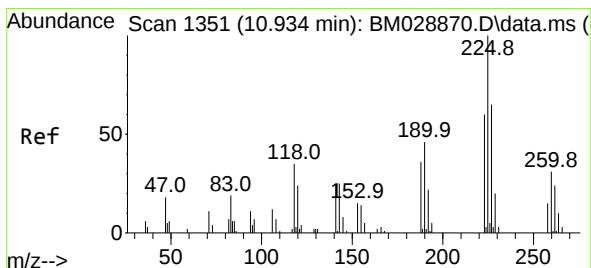
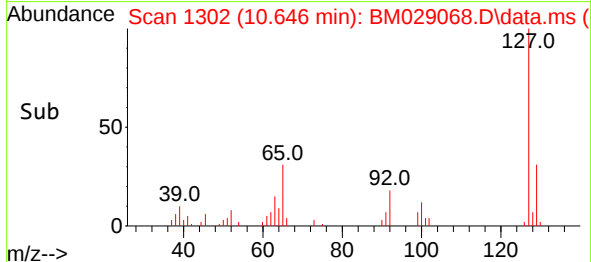
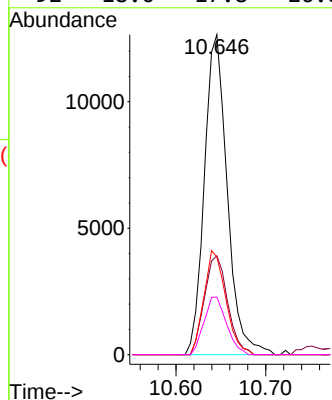
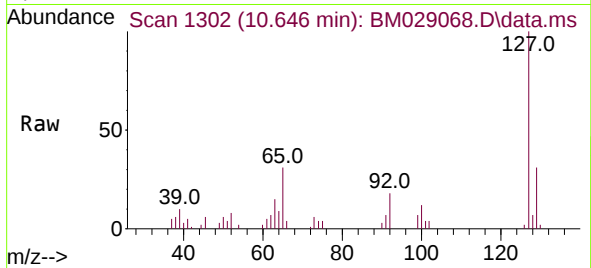
#33  
4-Chloroaniline  
Concen: 26.68 ng  
RT: 10.646 min Scan# 1302  
Delta R.T. 0.000 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 127   | Resp: | 22421 |
| Ion Ratio | Lower | Upper |       |
| 127       | 100   |       |       |
| 129       | 30.9  | 24.7  | 37.1  |
| 65        | 30.5  | 30.2  | 45.4  |
| 92        | 18.0  | 17.8  | 26.8  |

Instrument :  
BNA\_M  
ClientSampled :  
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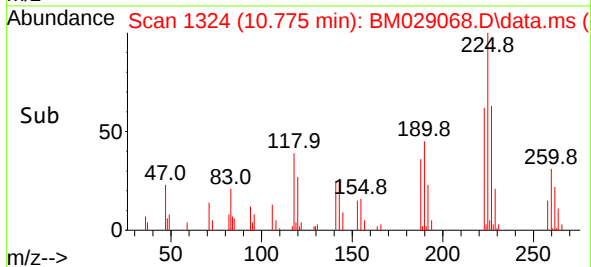
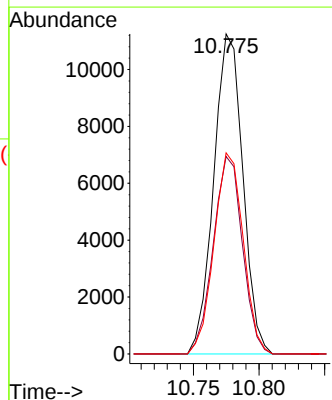
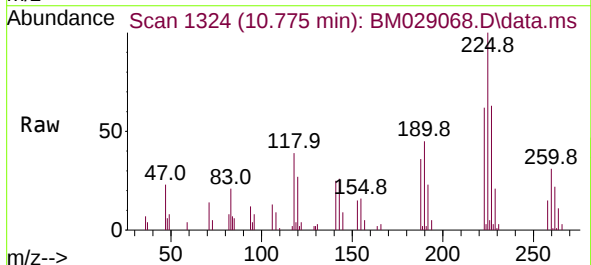
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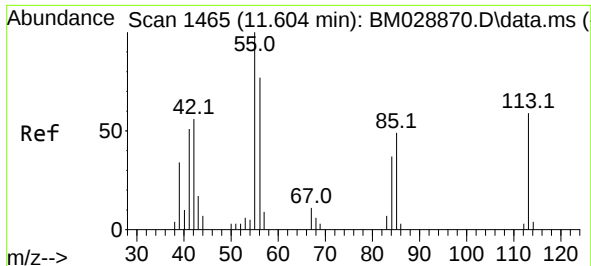
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#34  
Hexachlorobutadiene  
Concen: 42.61 ng  
RT: 10.775 min Scan# 1324  
Delta R.T. -0.006 min  
Lab File: BM029068.D  
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|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 17362 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 61.7  | 51.0  | 76.4  |
| 227       | 62.8  | 50.6  | 75.8  |





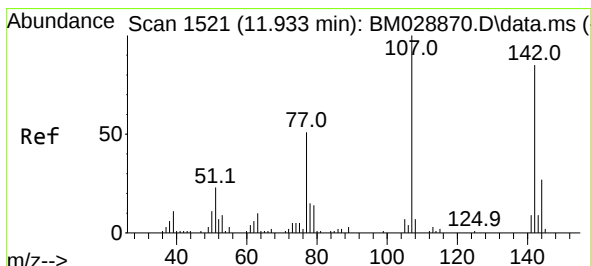
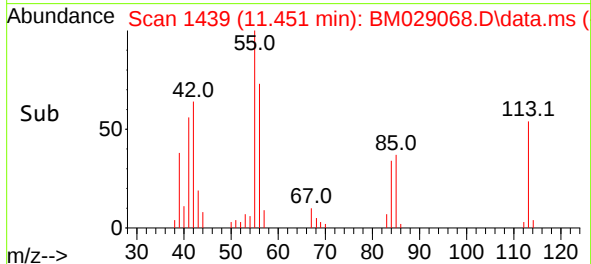
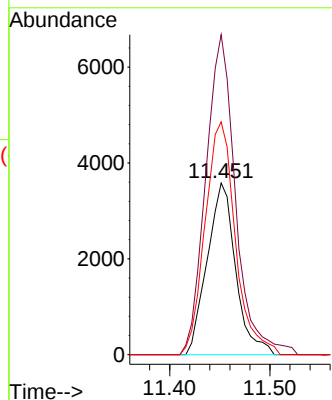
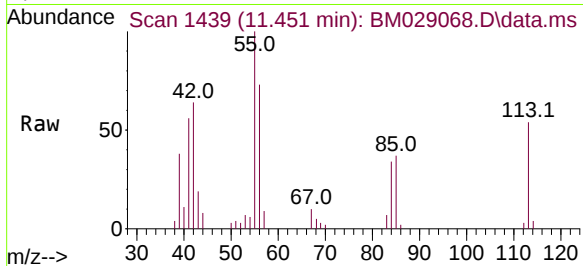
#35  
Caprolactam  
Concen: 41.72 ng  
RT: 11.451 min Scan# 1439  
Delta R.T. 0.000 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56

Tgt Ion:113 Resp: 7074  
Ion Ratio Lower Upper  
113 100  
55 186.5 103.2 143.2#  
56 135.7 84.2 124.2#

Instrument :  
BNA\_M  
ClientSampleId :  
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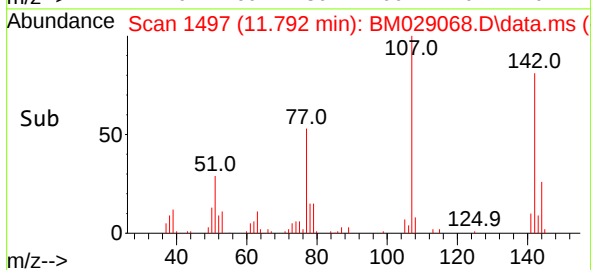
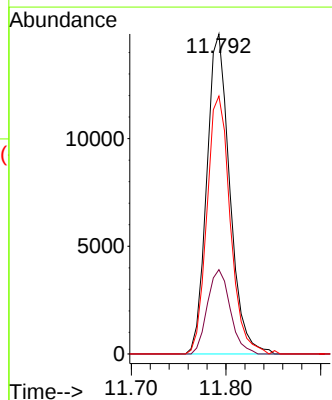
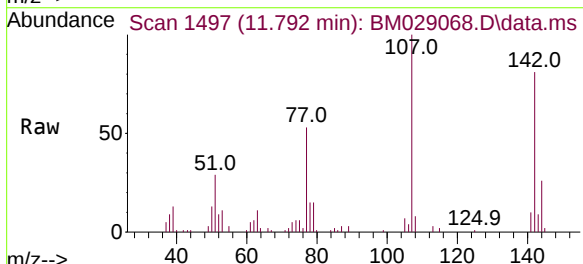
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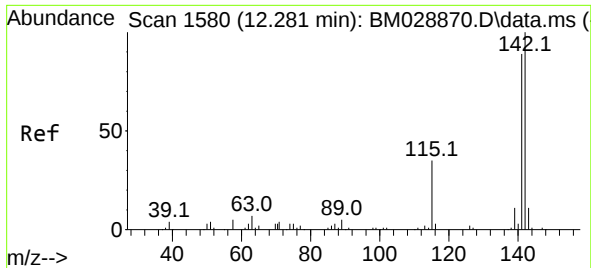
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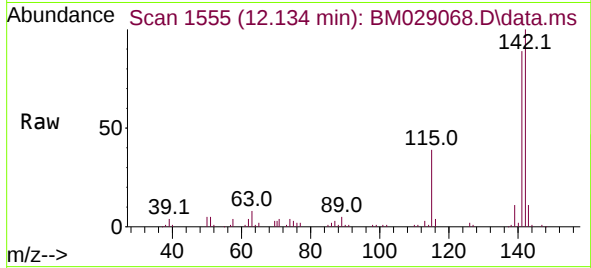
#36  
4-Chloro-3-methylphenol  
Concen: 40.06 ng  
RT: 11.792 min Scan# 1497  
Delta R.T. 0.000 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56

Tgt Ion:107 Resp: 25023  
Ion Ratio Lower Upper  
107 100  
144 26.3 20.1 30.1  
142 80.6 60.3 90.5





#37  
2-Methylnaphthalene  
Concen: 39.91 ng  
RT: 12.134 min Scan# 1555  
Delta R.T. 0.000 min  
Lab File: BM029068.D  
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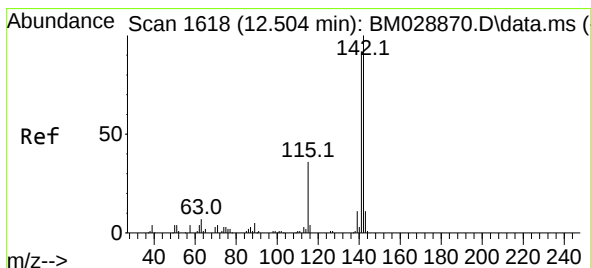
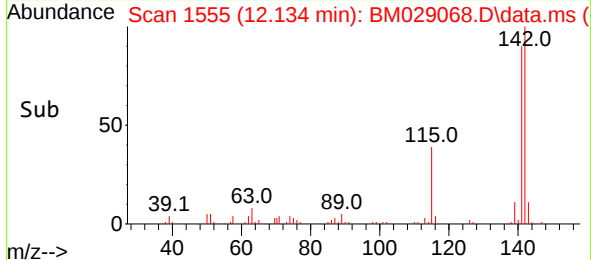
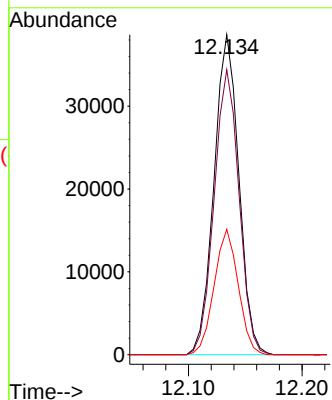


Tgt Ion:142 Resp: 58712  
Ion Ratio Lower Upper  
142 100  
141 89.0 70.3 105.5  
115 39.2 32.2 48.4

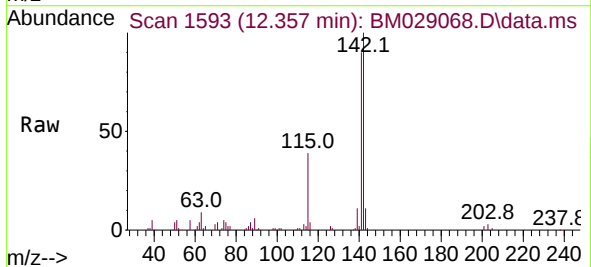
Instrument :  
BNA\_M  
ClientSampled :  
PB135082BS

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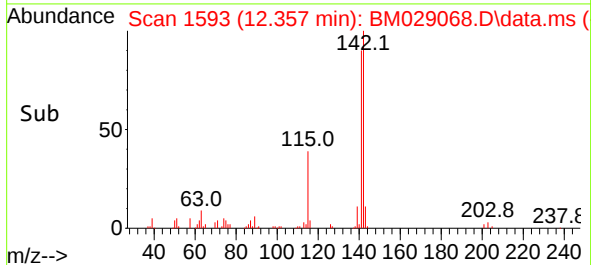
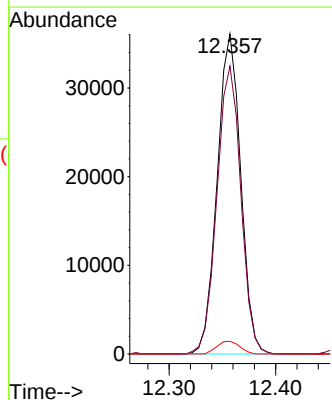
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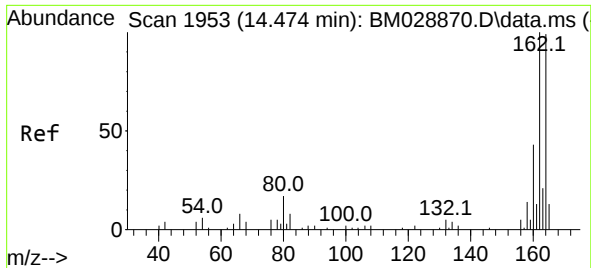


#38  
1-Methylnaphthalene  
Concen: 39.62 ng  
RT: 12.357 min Scan# 1593  
Delta R.T. 0.000 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56

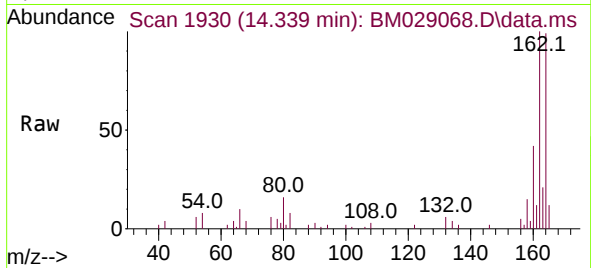


Tgt Ion:142 Resp: 55202  
Ion Ratio Lower Upper  
142 100  
141 90.0 73.8 110.6  
116 4.0 3.5 5.3

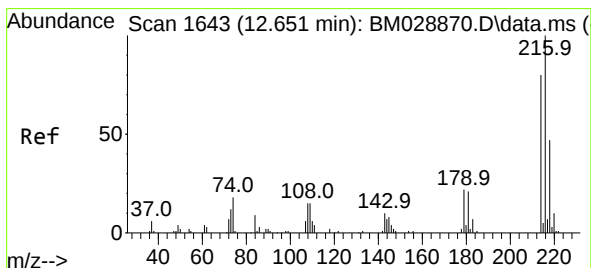
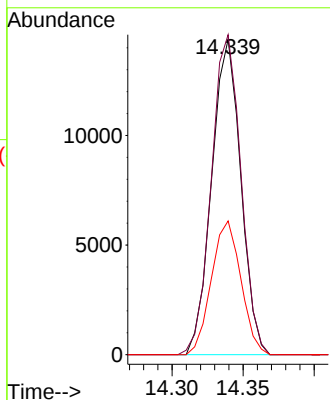
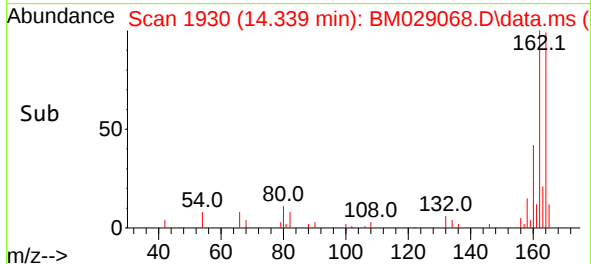




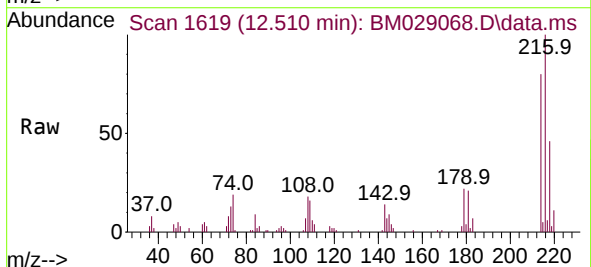
#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.339 min Scan# 1930  
Delta R.T. 0.000 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56



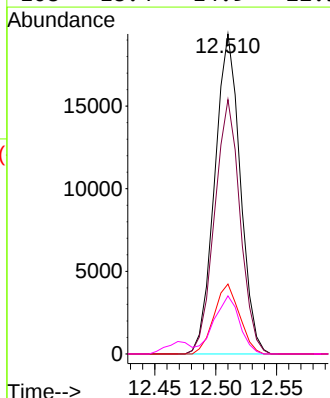
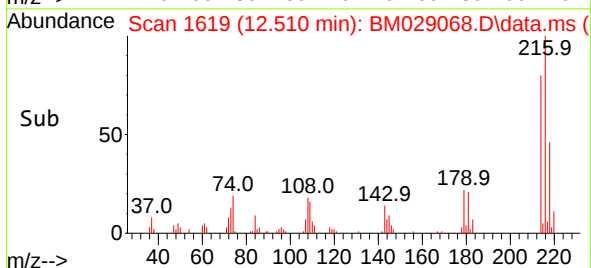
Tgt Ion:164 Resp: 20457  
Ion Ratio Lower Upper  
164 100  
162 101.5 80.4 120.6  
160 42.4 35.9 53.9



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 44.13 ng  
RT: 12.510 min Scan# 1619  
Delta R.T. 0.000 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56



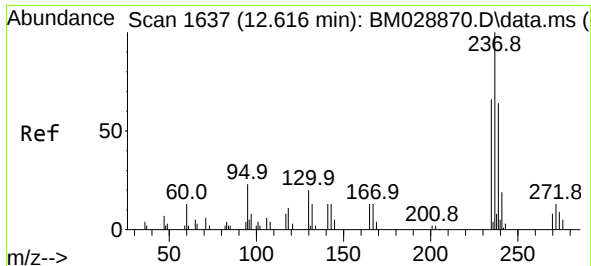
Tgt Ion:216 Resp: 28227  
Ion Ratio Lower Upper  
216 100  
214 79.3 62.1 93.1  
179 21.8 17.2 25.8  
108 18.4 14.9 22.3



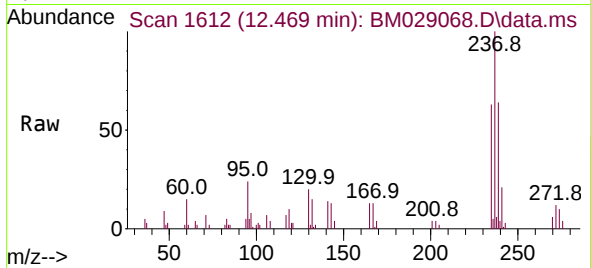
Instrument :  
BNA\_M  
ClientSampled :  
PB135082BS

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#41  
Hexachlorocyclopentadiene  
Concen: 104.84 ng  
RT: 12.469 min Scan# 1612  
Delta R.T. -0.006 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56

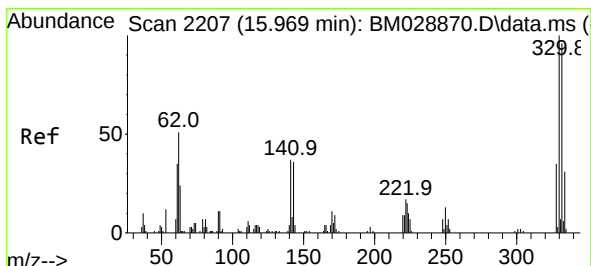
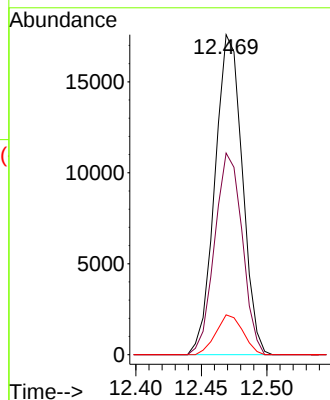
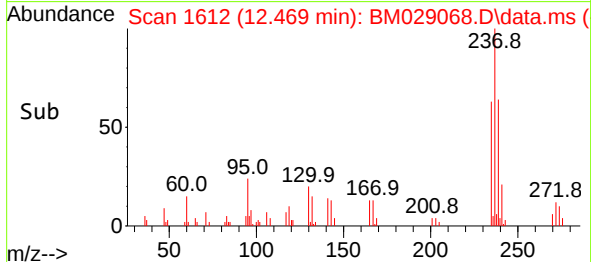


Tgt Ion: 237 Resp: 25561  
Ion Ratio Lower Upper  
237 100  
235 63.0 43.1 83.1  
272 12.5 0.0 33.0

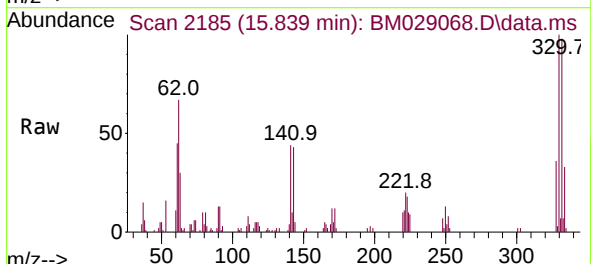
Instrument :  
BNA\_M  
ClientSampled :  
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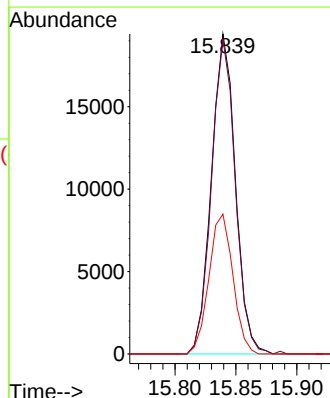
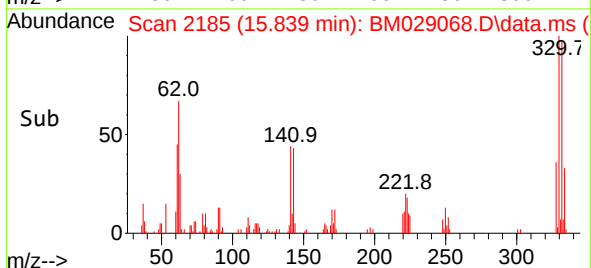
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#42  
2,4,6-Tribromophenol  
Concen: 109.90 ng  
RT: 15.839 min Scan# 2185  
Delta R.T. 0.000 min  
Lab File: BM029068.D  
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Tgt Ion: 330 Resp: 26646  
Ion Ratio Lower Upper  
330 100  
332 97.4 77.8 116.8  
141 43.6 28.4 42.6#





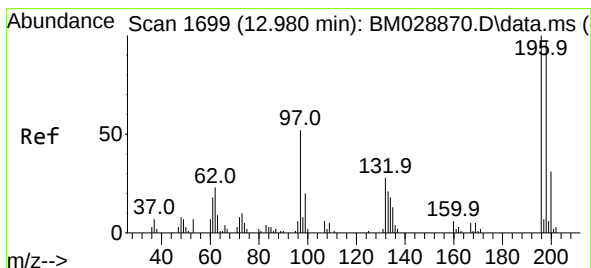
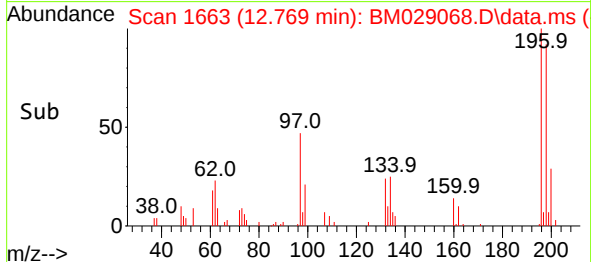
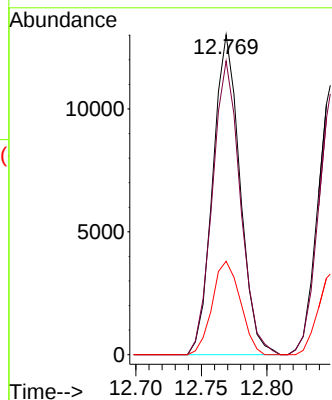
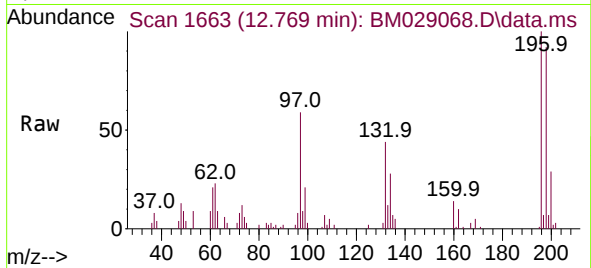
#43  
2,4,6-Trichlorophenol  
Concen: 41.74 ng  
RT: 12.769 min Scan# 1663  
Delta R.T. 0.000 min  
Lab File: BM029068.D  
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| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 91.8  | 74.9  | 112.3 |
| 200     | 29.2  | 23.7  | 35.5  |

Instrument :  
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ClientSampled :  
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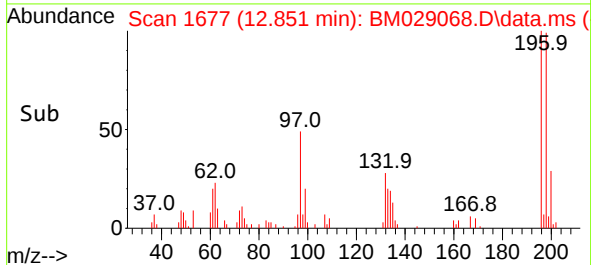
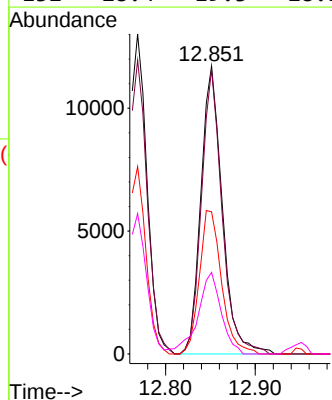
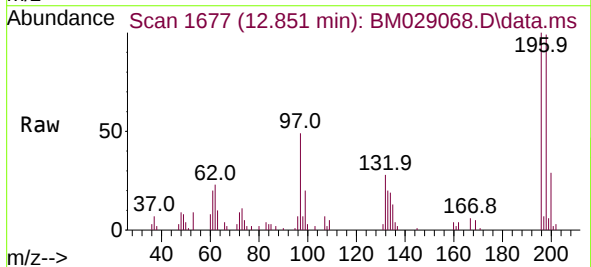
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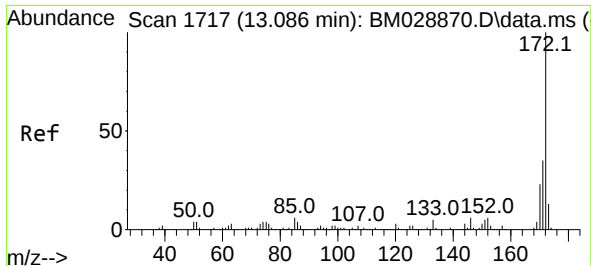
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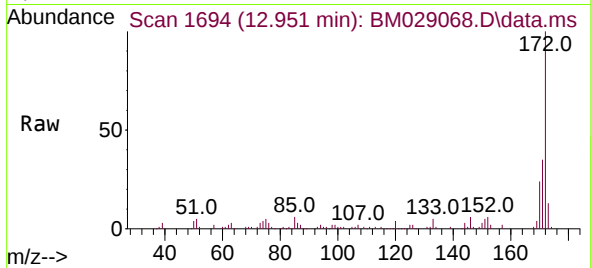
#44  
2,4,5-Trichlorophenol  
Concen: 40.43 ng  
RT: 12.851 min Scan# 1677  
Delta R.T. 0.006 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 98.8  | 79.0  | 118.6 |
| 97      | 49.4  | 40.5  | 60.7  |
| 132     | 28.4  | 19.3  | 28.9  |

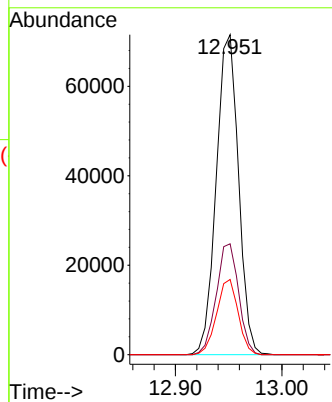
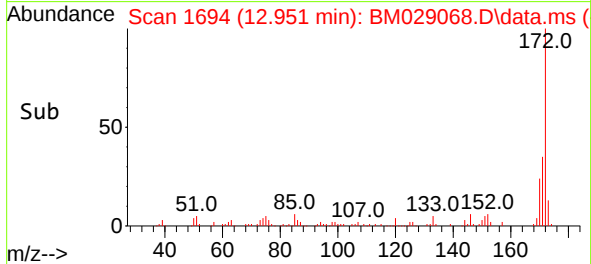




#45  
2-Fluorobiphenyl  
Concen: 67.36 ng  
RT: 12.951 min Scan# 1694  
Delta R.T. 0.000 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56



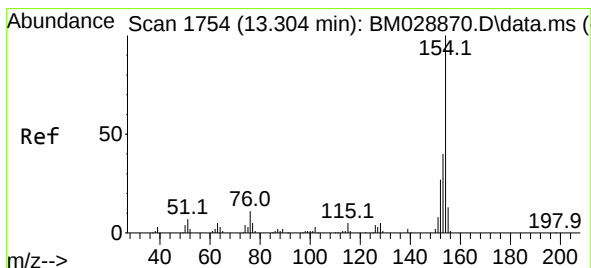
Tgt Ion:172 Resp: 103512  
Ion Ratio Lower Upper  
172 100  
171 34.6 27.8 41.8  
170 23.5 18.6 27.8



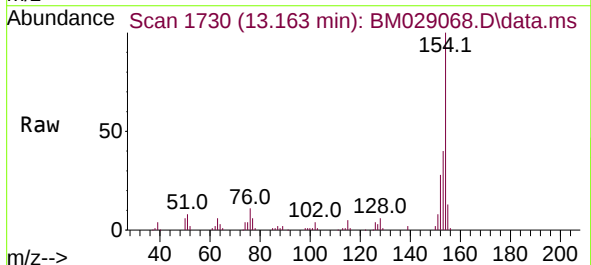
Instrument :  
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ClientSampleId :  
PB135082BS

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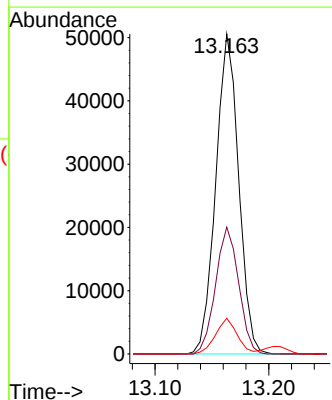
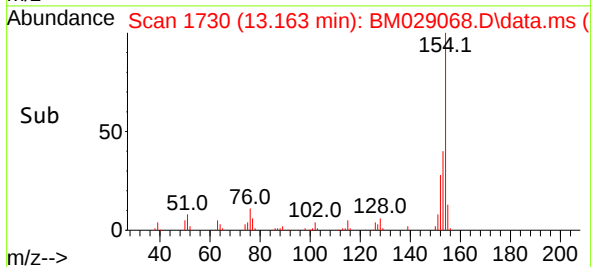
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#46  
1,1'-Biphenyl  
Concen: 43.10 ng  
RT: 13.163 min Scan# 1730  
Delta R.T. 0.000 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56



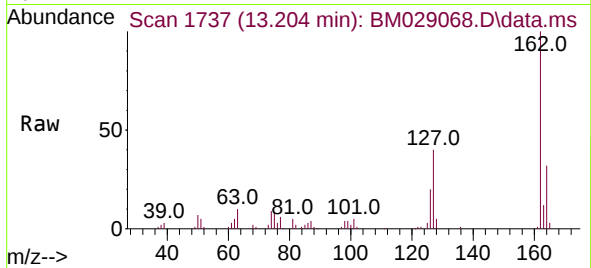
Tgt Ion:154 Resp: 70719  
Ion Ratio Lower Upper  
154 100  
153 39.6 20.0 60.0  
76 11.1 0.0 32.0





#47  
2-Chloronaphthalene  
Concen: 41.87 ng  
RT: 13.204 min Scan# 1737  
Delta R.T. 0.000 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56

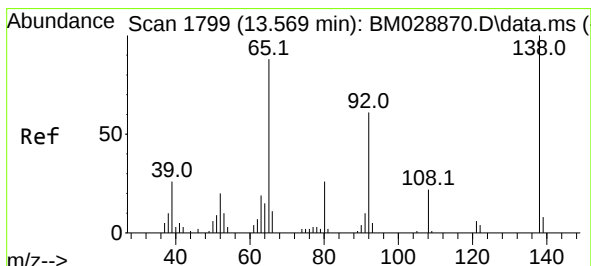
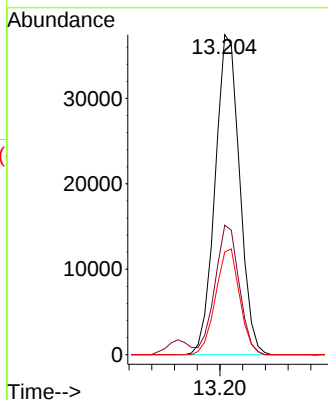
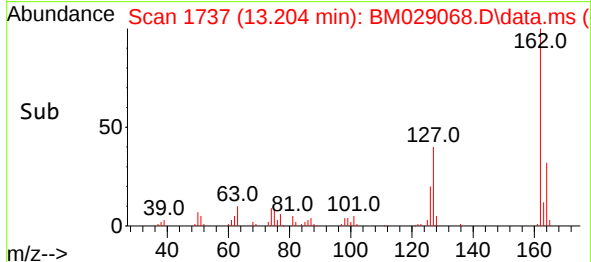
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ClientSampled :  
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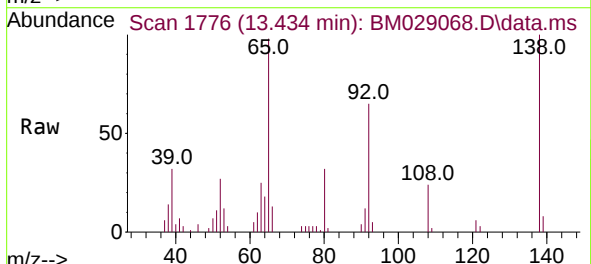
Tgt Ion:162 Resp: 56081  
Ion Ratio Lower Upper  
162 100  
127 40.5 29.6 44.4  
164 32.1 26.2 39.4

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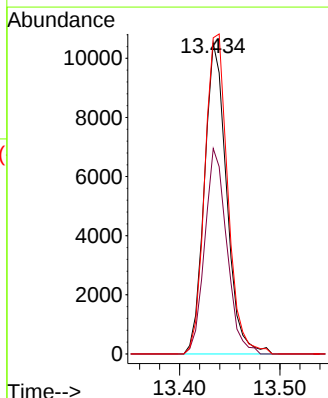
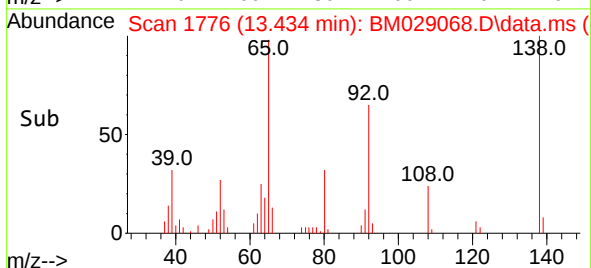
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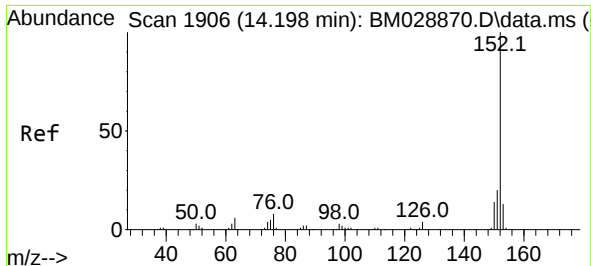


#48  
2-Nitroaniline  
Concen: 45.01 ng  
RT: 13.434 min Scan# 1776  
Delta R.T. 0.000 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56

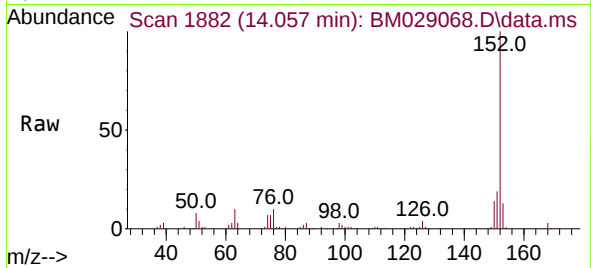


Tgt Ion: 65 Resp: 16214  
Ion Ratio Lower Upper  
65 100  
92 66.1 51.5 77.3  
138 101.6 72.7 109.1





#49  
Acenaphthylene  
Concen: 41.86 ng  
RT: 14.057 min Scan# 1882  
Delta R.T. 0.000 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56

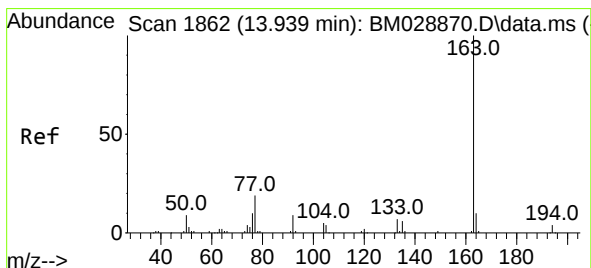
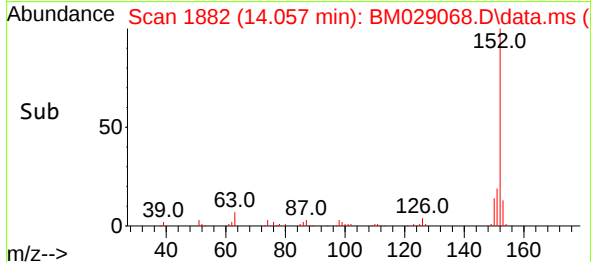
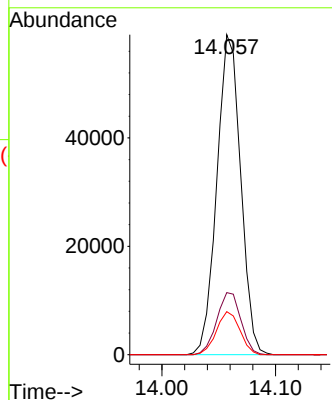


Tgt Ion:152 Resp: 86093  
Ion Ratio Lower Upper  
152 100  
151 19.4 15.8 23.6  
153 13.4 10.4 15.6

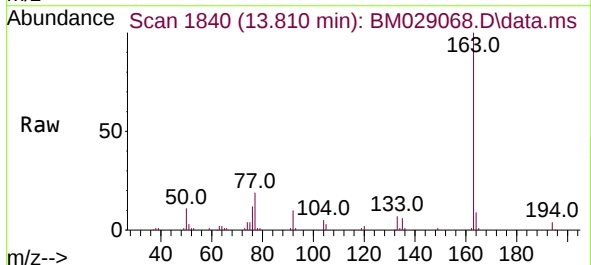
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ClientSampleId :  
PB135082BS

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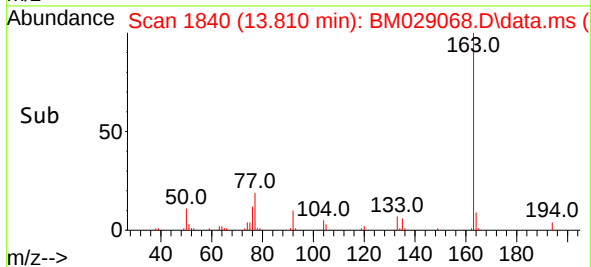
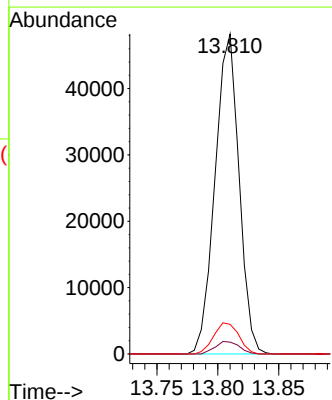
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#50  
Dimethylphthalate  
Concen: 42.61 ng  
RT: 13.810 min Scan# 1840  
Delta R.T. 0.000 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56

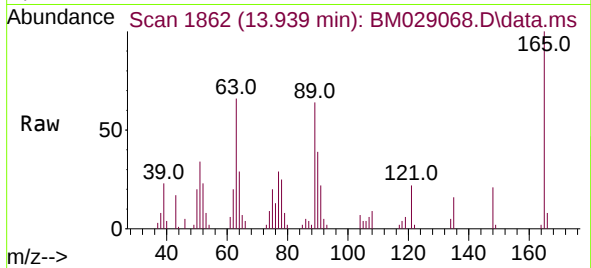


Tgt Ion:163 Resp: 66059  
Ion Ratio Lower Upper  
163 100  
194 3.7 3.4 5.2  
164 9.3 8.1 12.1

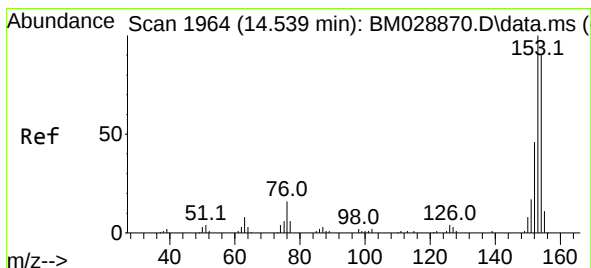
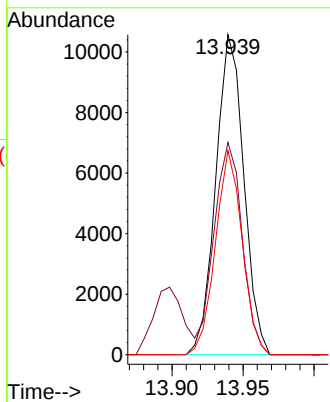
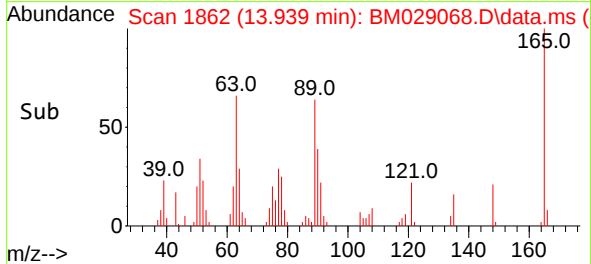




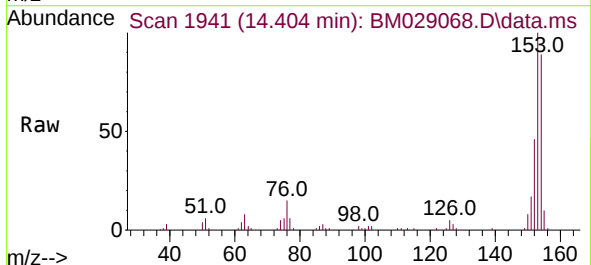
#51  
2,6-Dinitrotoluene  
Concen: 40.13 ng  
RT: 13.939 min Scan# 1862  
Delta R.T. 0.000 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56



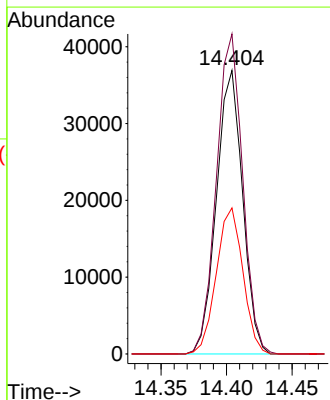
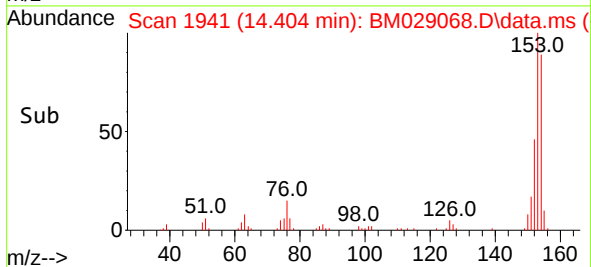
Tgt Ion:165 Resp: 14505  
Ion Ratio Lower Upper  
165 100  
63 66.3 51.1 76.7  
89 63.8 53.3 79.9



#52  
Acenaphthene  
Concen: 40.64 ng  
RT: 14.404 min Scan# 1941  
Delta R.T. 0.000 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56



Tgt Ion:154 Resp: 51260  
Ion Ratio Lower Upper  
154 100  
153 112.9 88.3 132.5  
152 51.5 41.4 62.2



Instrument :  
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ClientSampled :  
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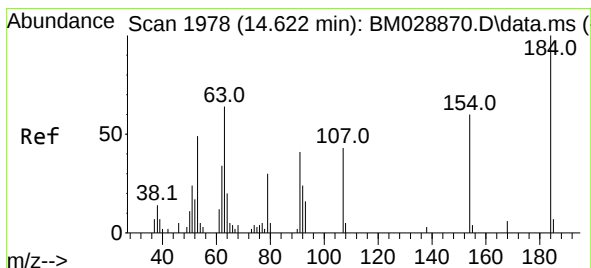
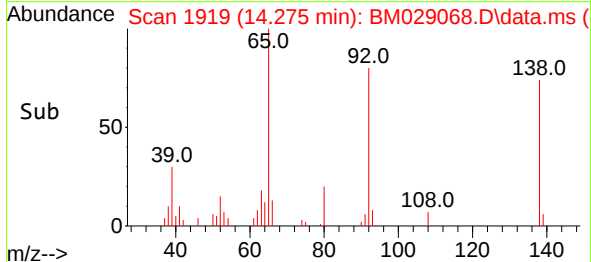
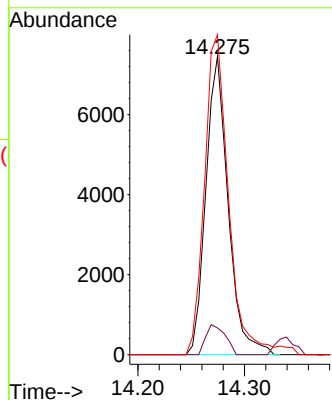
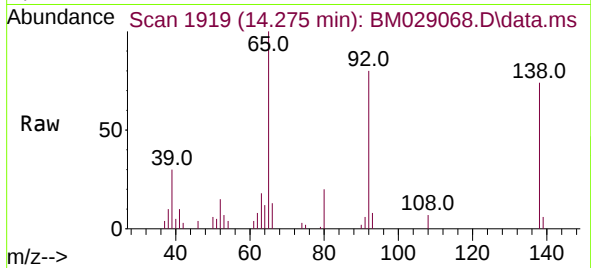
#53  
3-Nitroaniline  
Concen: 30.84 ng  
RT: 14.275 min Scan# 1919  
Delta R.T. 0.000 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56

Tgt Ion:138 Resp: 10863  
Ion Ratio Lower Upper  
138 100  
108 9.0 8.6 13.0  
92 107.3 102.1 153.1

Instrument :  
BNA\_M  
ClientSampleId :  
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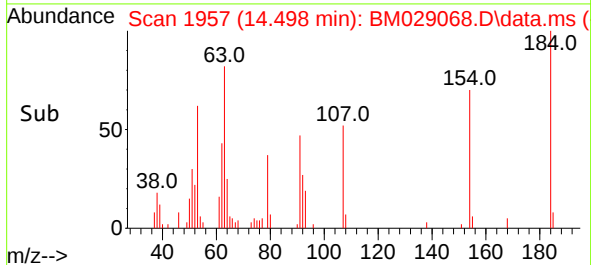
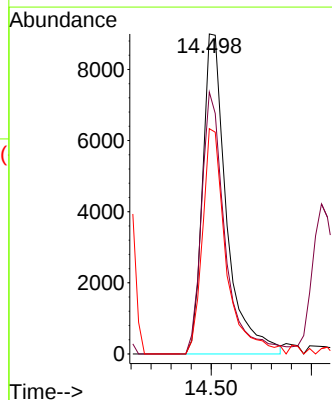
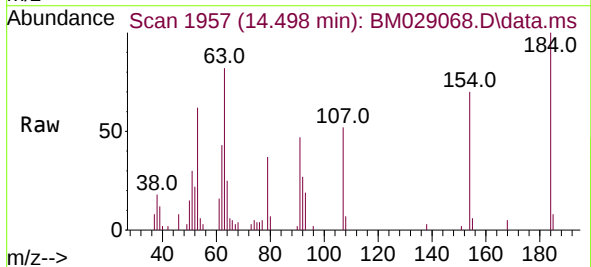
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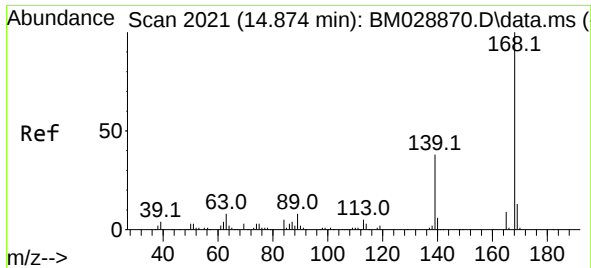
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#54  
2,4-Dinitrophenol  
Concen: 80.95 ng  
RT: 14.498 min Scan# 1957  
Delta R.T. 0.000 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56

Tgt Ion:184 Resp: 14966  
Ion Ratio Lower Upper  
184 100  
63 81.8 60.2 90.2  
154 70.4 52.9 79.3





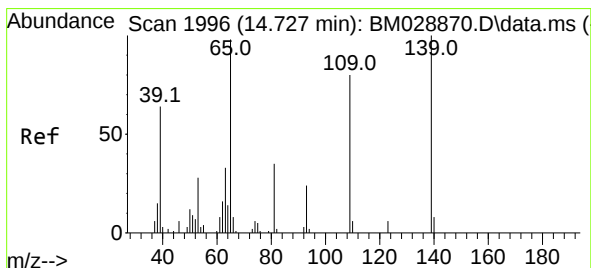
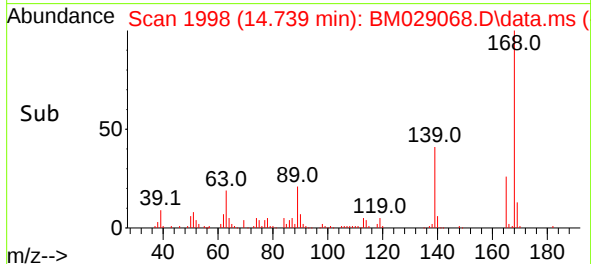
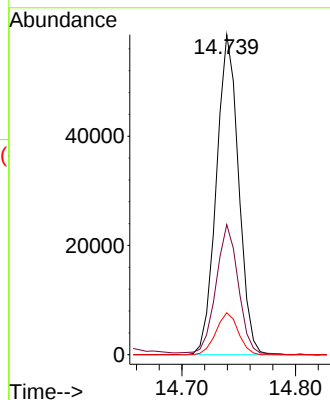
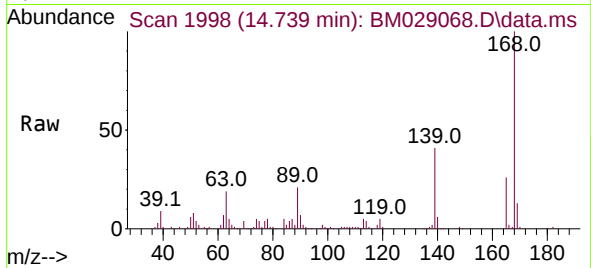
#55  
Dibenzofuran  
Concen: 40.22 ng  
RT: 14.739 min Scan# 1998  
Delta R.T. 0.000 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 40.7  | 30.2  | 45.4  |
| 169     | 13.1  | 10.6  | 16.0  |

Instrument :  
BNA\_M  
ClientSampled :  
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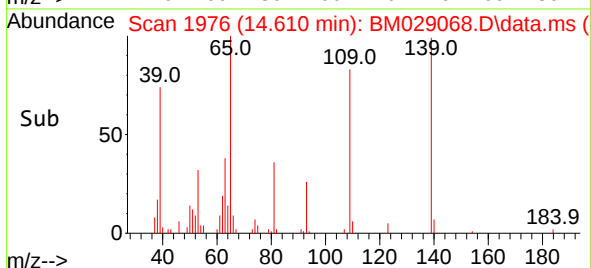
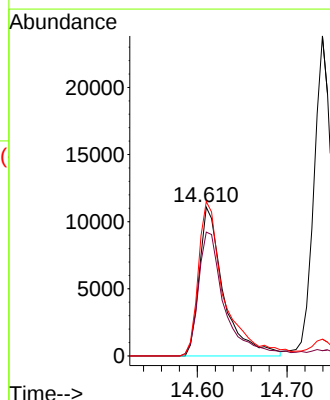
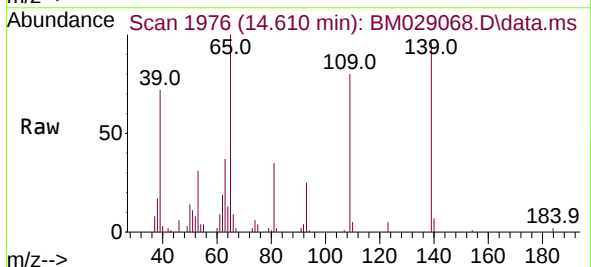
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#56  
4-Nitrophenol  
Concen: 72.11 ng  
RT: 14.610 min Scan# 1976  
Delta R.T. 0.000 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 83.2  | 77.0  | 117.0 |
| 65      | 103.8 | 103.4 | 143.4 |





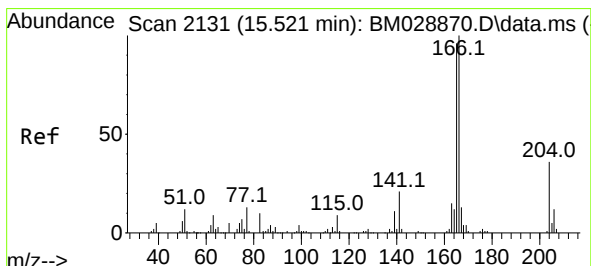
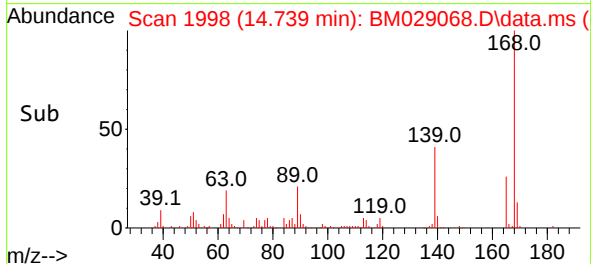
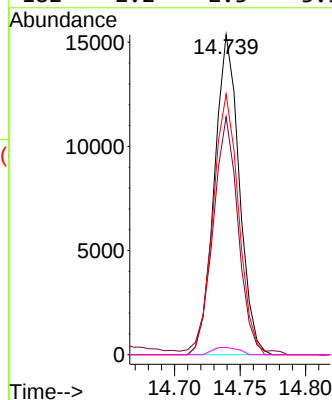
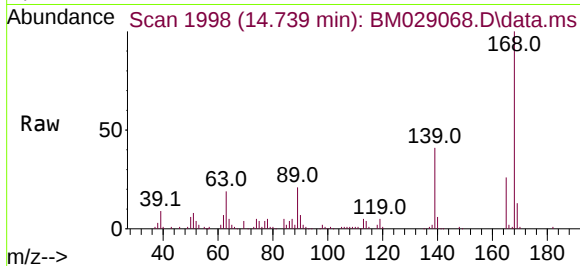
#57  
2,4-Dinitrotoluene  
Concen: 42.77 ng  
RT: 14.739 min Scan# 1998  
Delta R.T. 0.000 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 165   | Resp: | 20195 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 74.4  | 38.8  | 58.2# |
| 89        | 81.4  | 62.6  | 94.0  |
| 182       | 2.2   | 2.3   | 3.5#  |

Instrument :  
BNA\_M  
ClientSampled :  
PB135082BS

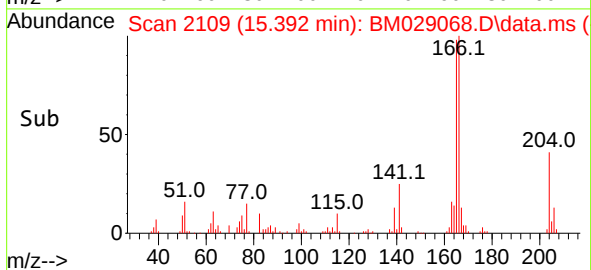
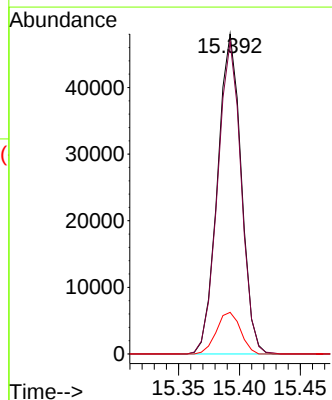
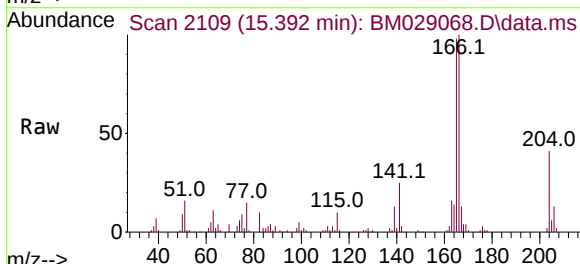
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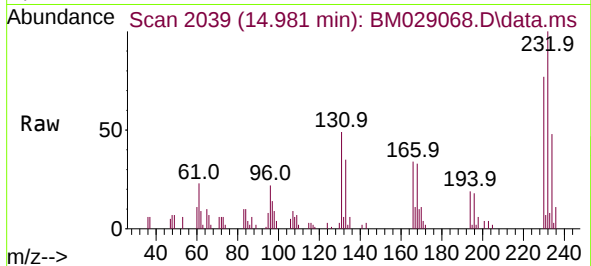
#58  
Fluorene  
Concen: 40.82 ng  
RT: 15.392 min Scan# 2109  
Delta R.T. 0.000 min  
Lab File: BM029068.D  
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|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 166   | Resp: | 64794 |
| Ion Ratio | Lower | Upper |       |
| 166       | 100   |       |       |
| 165       | 97.6  | 76.2  | 114.2 |
| 167       | 13.0  | 10.7  | 16.1  |

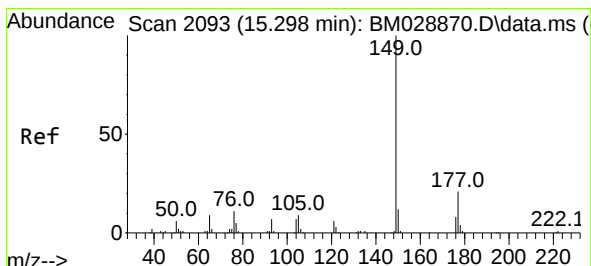
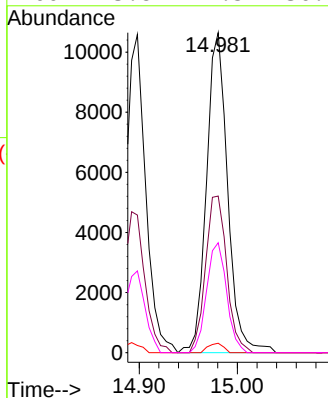
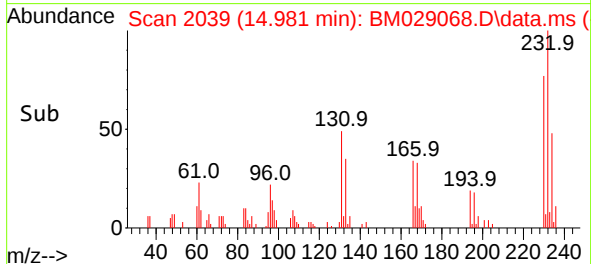




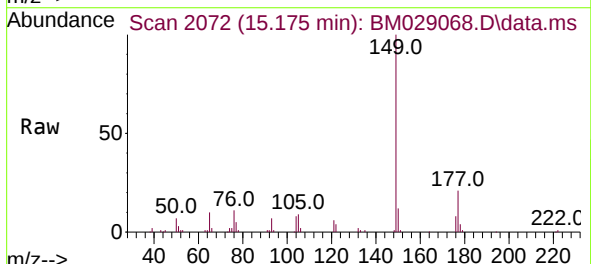
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 41.09 ng m  
RT: 14.981 min Scan# 2039  
Delta R.T. 0.000 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56



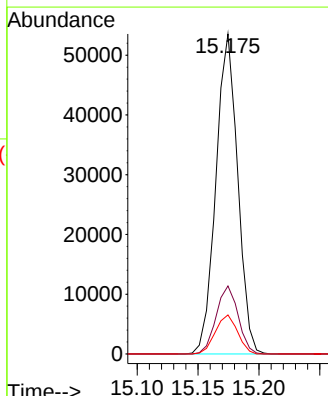
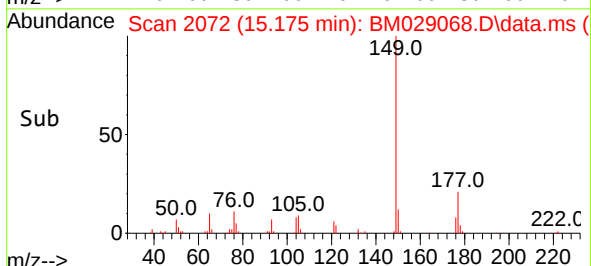
Tgt Ion:232 Resp: 15891  
Ion Ratio Lower Upper  
232 100  
131 42.8 32.2 48.2  
130 2.2 1.8 2.8  
166 23.8 24.5 36.7#



#60  
Diethylphthalate  
Concen: 42.77 ng  
RT: 15.175 min Scan# 2072  
Delta R.T. 0.000 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56



Tgt Ion:149 Resp: 66712  
Ion Ratio Lower Upper  
149 100  
177 21.2 18.2 27.4  
150 12.2 10.2 15.4



Instrument :  
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ClientSampled :  
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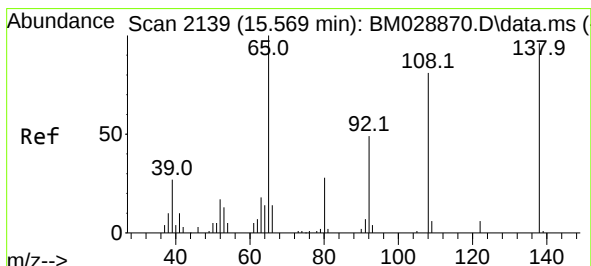
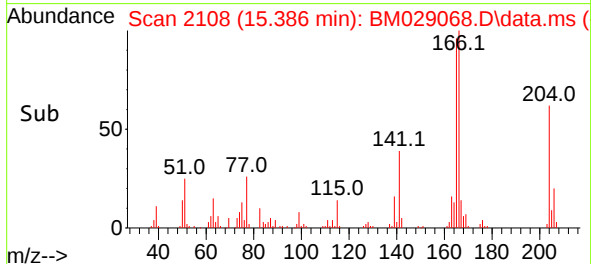
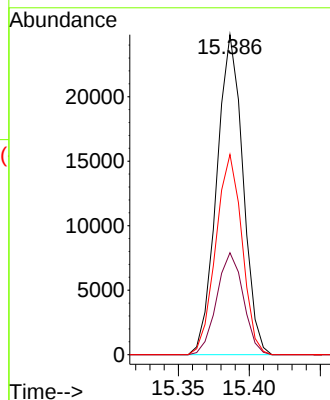
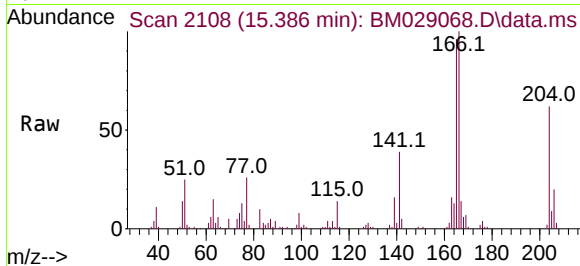
#61  
4-Chlorophenyl-phenylether  
Concen: 42.04 ng  
RT: 15.386 min Scan# 2108  
Delta R.T. 0.000 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56

Tgt Ion: 204 Resp: 31841  
Ion Ratio Lower Upper  
204 100  
206 31.9 26.1 39.1  
141 62.5 43.7 65.5

Instrument :  
BNA\_M  
ClientSampled :  
PB135082BS

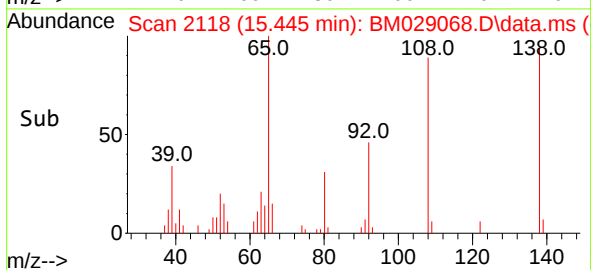
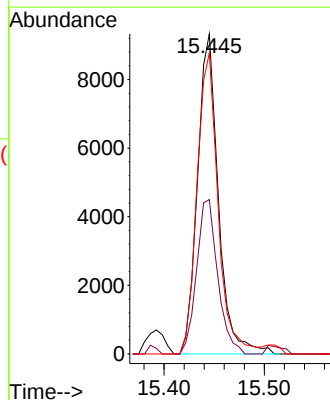
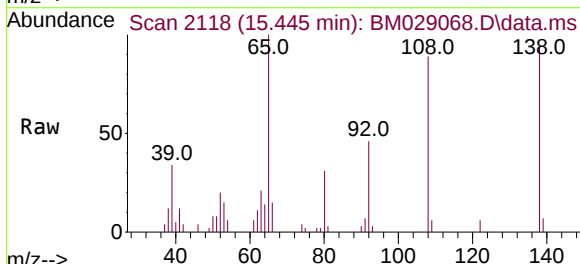
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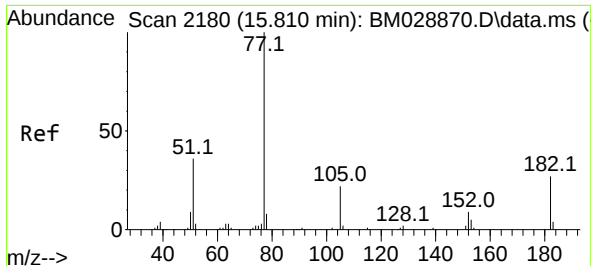
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#62  
4-Nitroaniline  
Concen: 39.72 ng  
RT: 15.445 min Scan# 2118  
Delta R.T. 0.006 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56

Tgt Ion: 138 Resp: 13525  
Ion Ratio Lower Upper  
138 100  
92 48.3 35.5 75.5  
108 94.1 80.5 120.5





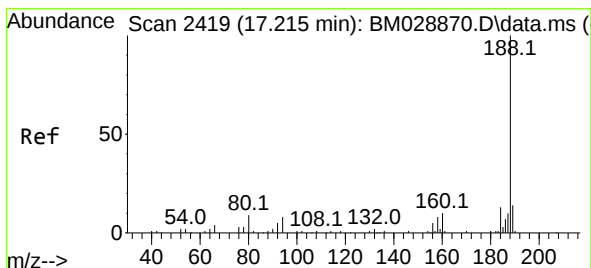
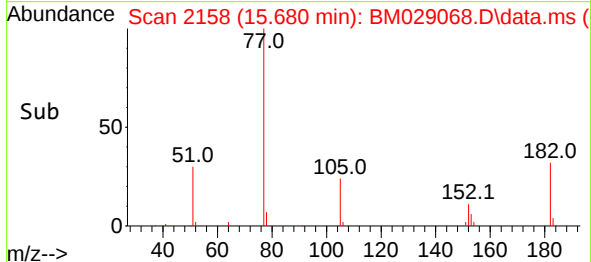
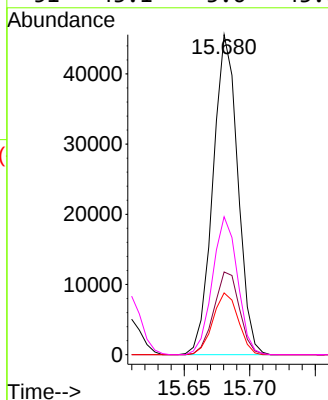
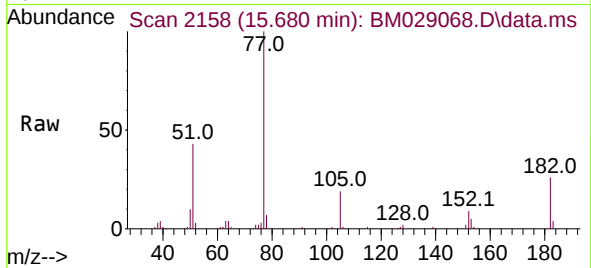
#63  
Azobenzene  
Concen: 41.73 ng  
RT: 15.680 min Scan# 2158  
Delta R.T. 0.000 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56

|             |             |
|-------------|-------------|
| Tgt Ion: 77 | Resp: 60053 |
| Ion Ratio   | Lower Upper |
| 77 100      |             |
| 182 25.9    | 5.8 45.8    |
| 105 19.3    | 0.0 37.2    |
| 51 43.1     | 3.6 43.6    |

Instrument :  
BNA\_M  
ClientSampled :  
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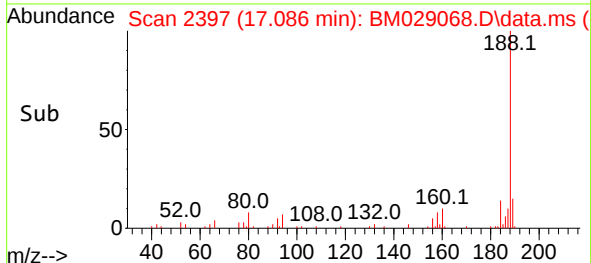
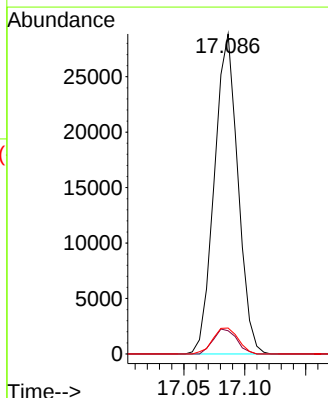
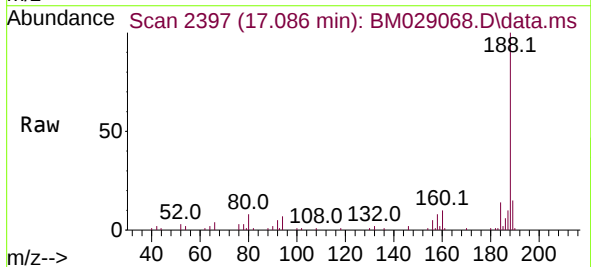
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#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.086 min Scan# 2397  
Delta R.T. 0.000 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56

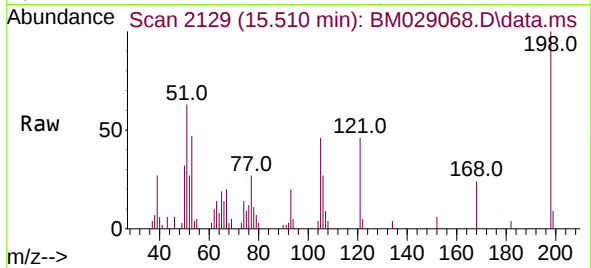
|              |             |
|--------------|-------------|
| Tgt Ion: 188 | Resp: 38833 |
| Ion Ratio    | Lower Upper |
| 188 100      |             |
| 94 7.3       | 6.2 9.4     |
| 80 8.1       | 7.5 11.3    |





#65  
4,6-Dinitro-2-methylphenol  
Concen: 38.08 ng  
RT: 15.510 min Scan# 2129  
Delta R.T. 0.006 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56

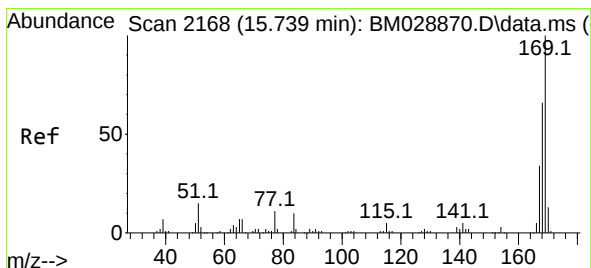
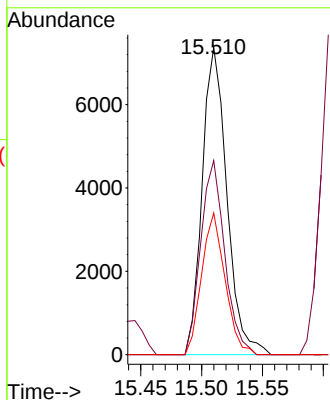
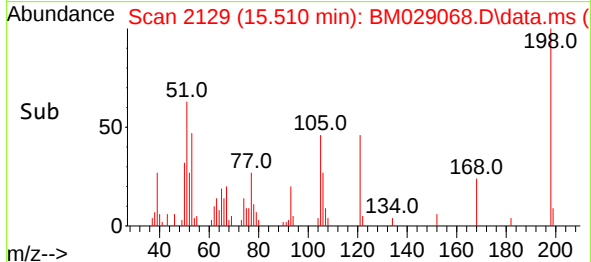
Instrument :  
BNA\_M  
ClientSampled :  
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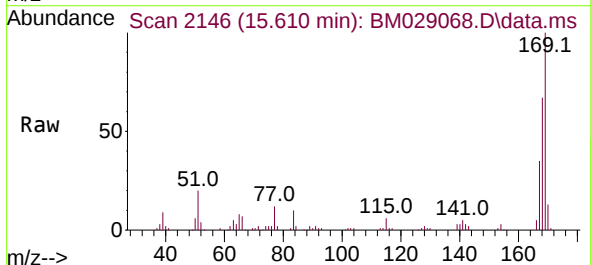
Tgt Ion:198 Resp: 10414  
Ion Ratio Lower Upper  
198 100  
51 63.2 13.0 53.0#  
105 46.2 18.7 58.7

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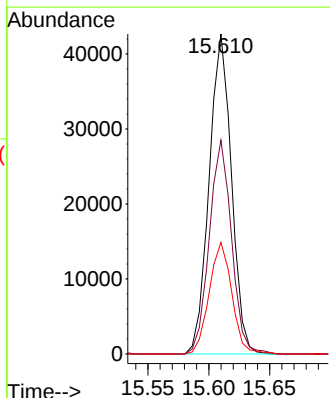
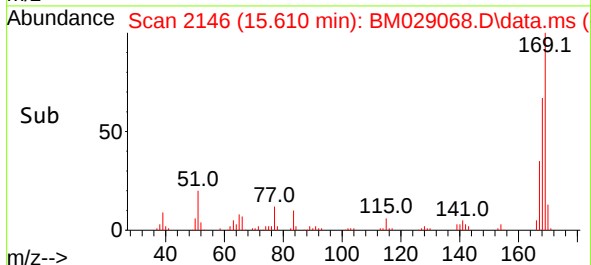
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#66  
n-Nitrosodiphenylamine  
Concen: 40.76 ng  
RT: 15.610 min Scan# 2146  
Delta R.T. 0.000 min  
Lab File: BM029068.D  
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Tgt Ion:169 Resp: 54151  
Ion Ratio Lower Upper  
169 100  
168 66.8 53.8 80.8  
167 34.8 29.0 43.4





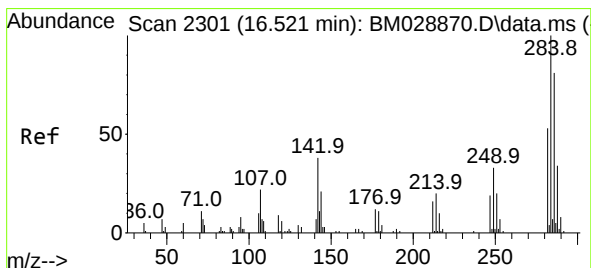
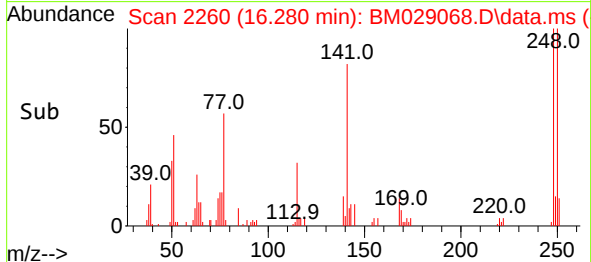
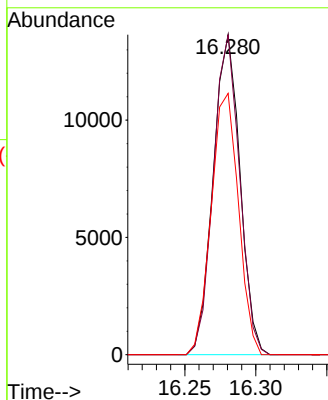
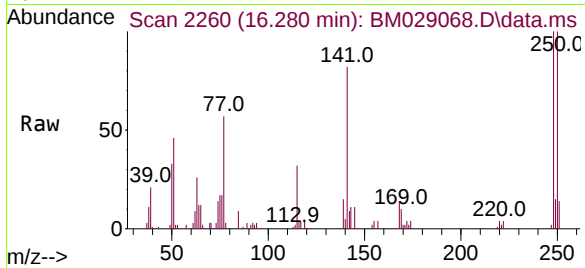
#67  
4-Bromophenyl-phenylether  
Concen: 41.06 ng  
RT: 16.280 min Scan# 2260  
Delta R.T. 0.000 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56

Tgt Ion:248 Resp: 17892  
Ion Ratio Lower Upper  
248 100  
250 99.9 79.1 118.7  
141 81.7 51.8 77.8#

Instrument :  
BNA\_M  
ClientSampled :  
PB135082BS

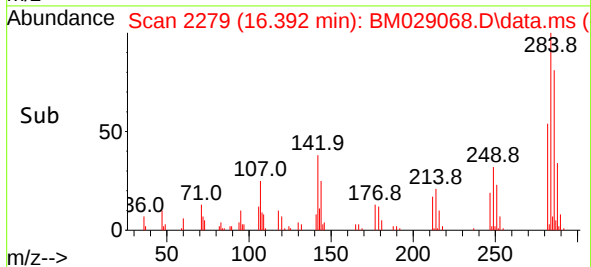
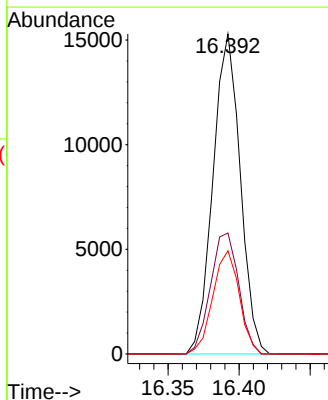
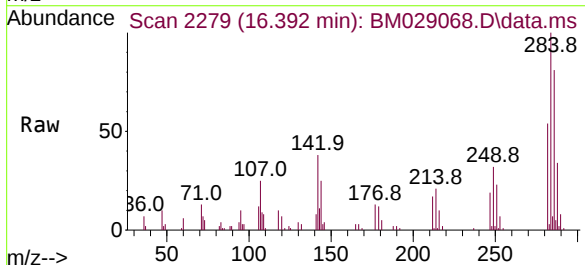
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#68  
Hexachlorobenzene  
Concen: 41.96 ng  
RT: 16.392 min Scan# 2279  
Delta R.T. 0.000 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56

Tgt Ion:284 Resp: 20376  
Ion Ratio Lower Upper  
284 100  
142 37.8 26.1 39.1  
249 32.2 25.6 38.4





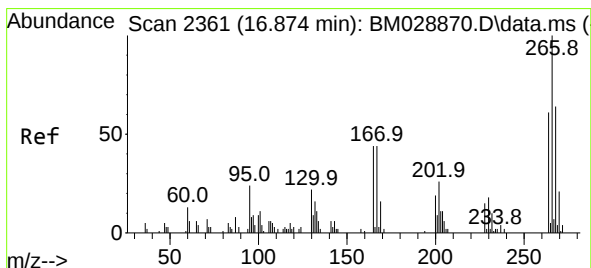
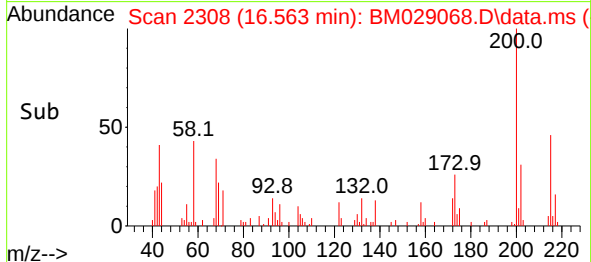
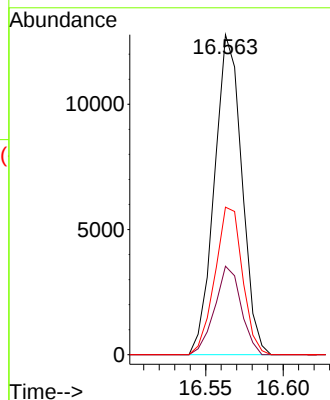
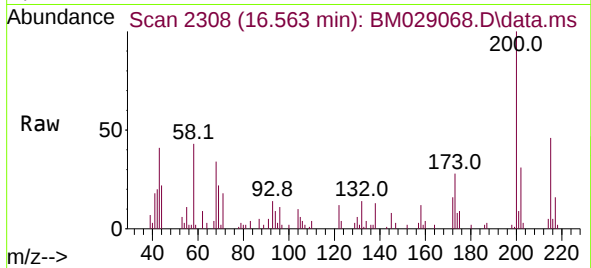
#69  
Atrazine  
Concen: 37.93 ng  
RT: 16.563 min Scan# 2308  
Delta R.T. -0.006 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 27.6  | 4.9   | 44.9  |
| 215     | 46.1  | 29.0  | 69.0  |

Instrument :  
BNA\_M  
ClientSampleId :  
PB135082BS

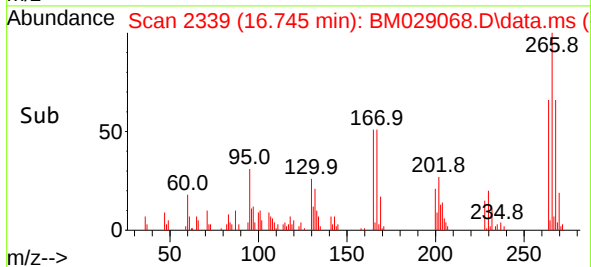
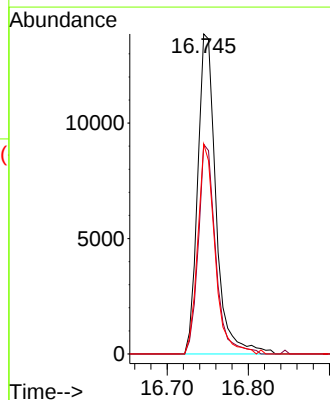
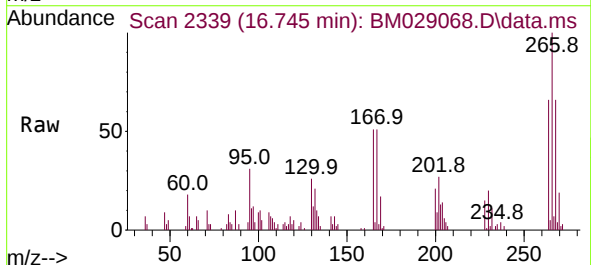
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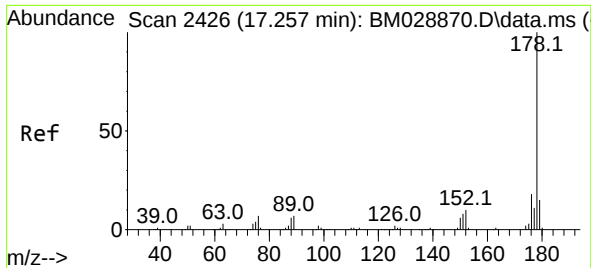
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#70  
Pentachlorophenol  
Concen: 83.56 ng  
RT: 16.745 min Scan# 2339  
Delta R.T. 0.000 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 65.5  | 49.9  | 74.9  |
| 264     | 70.2  | 50.6  | 76.0  |





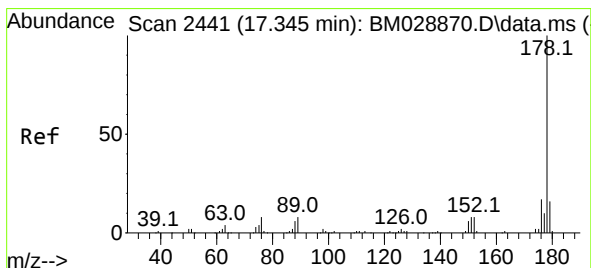
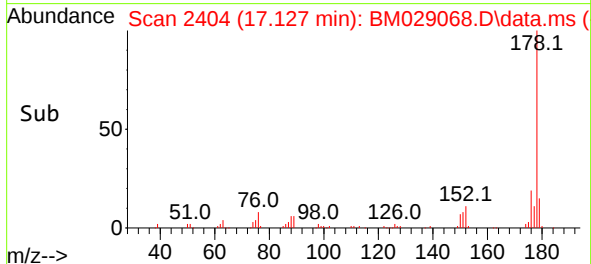
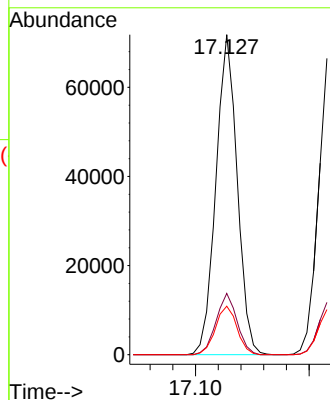
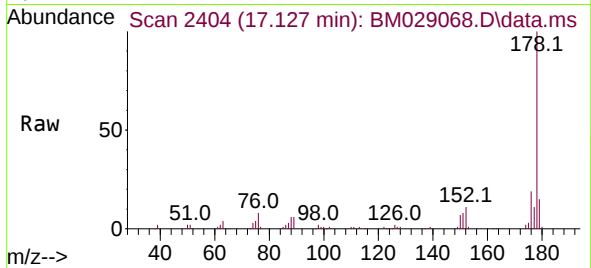
#71  
Phenanthrene  
Concen: 40.37 ng  
RT: 17.127 min Scan# 2404  
Delta R.T. 0.000 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:178 | Resp: | 93344     |
| Ion Ratio   | Lower | Upper     |
| 178         | 100   |           |
| 176         | 19.2  | 15.0 22.6 |
| 179         | 15.1  | 12.2 18.4 |

Instrument :  
BNA\_M  
ClientSampleId :  
PB135082BS

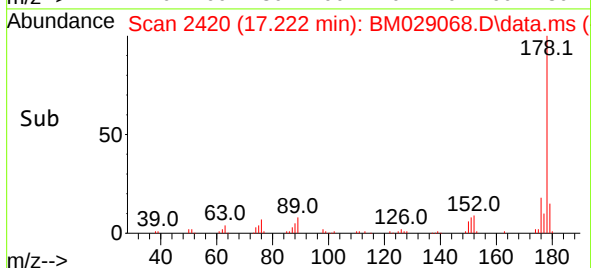
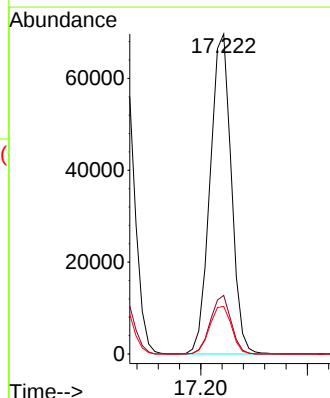
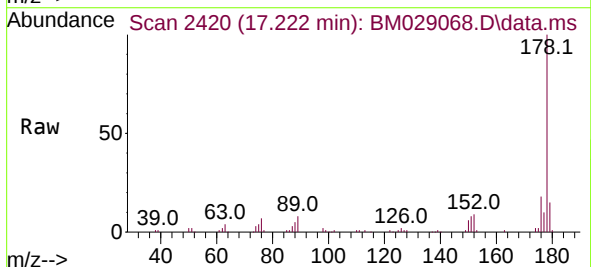
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#72  
Anthracene  
Concen: 41.90 ng  
RT: 17.222 min Scan# 2420  
Delta R.T. 0.006 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56

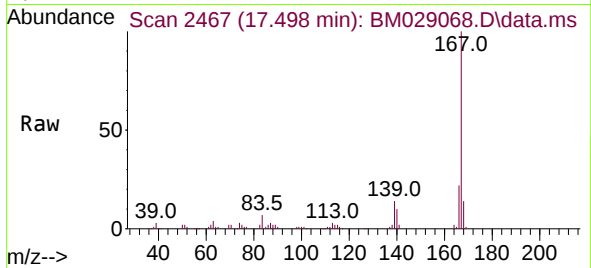
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:178 | Resp: | 95976     |
| Ion Ratio   | Lower | Upper     |
| 178         | 100   |           |
| 176         | 18.3  | 15.0 22.4 |
| 179         | 14.8  | 12.5 18.7 |





#73  
 Carbazole  
 Concen: 39.63 ng  
 RT: 17.498 min Scan# 2467  
 Delta R.T. 0.000 min  
 Lab File: BM029068.D  
 Acq: 10 Mar 2021 13:56

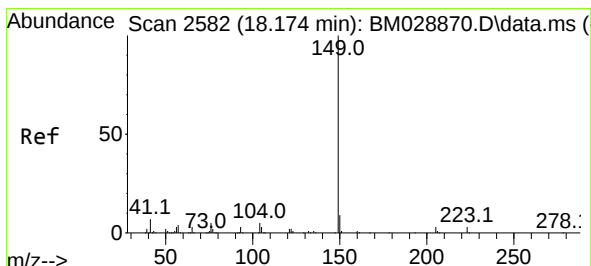
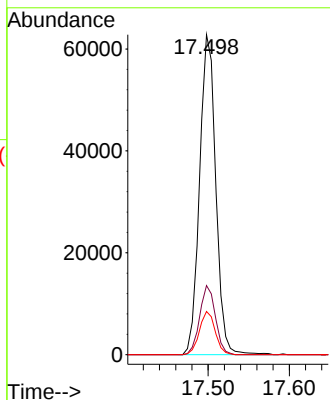
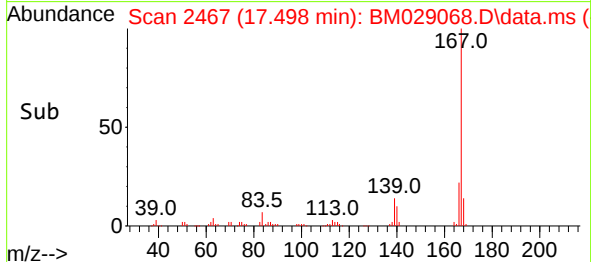
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB135082BS



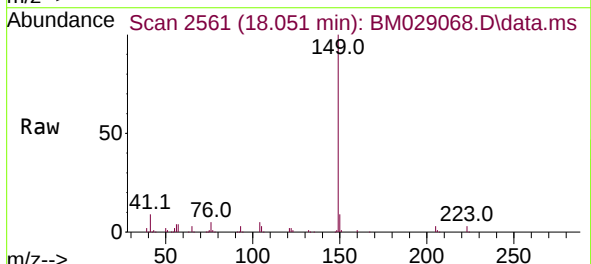
Tgt Ion:167 Resp: 87104  
 Ion Ratio Lower Upper  
 167 100  
 166 21.6 16.9 25.3  
 139 13.5 9.9 14.9

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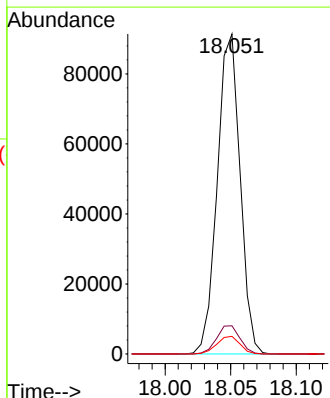
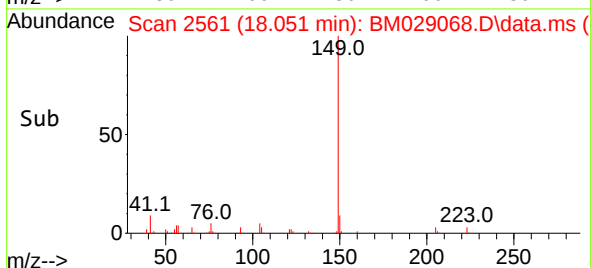
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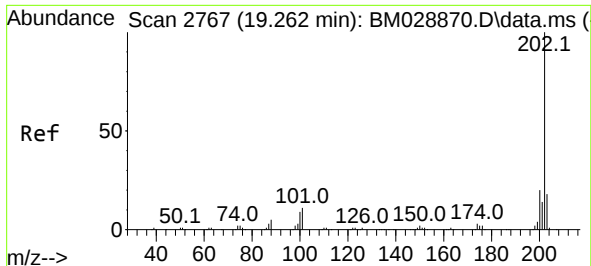


#74  
 Di-n-butylphthalate  
 Concen: 44.16 ng  
 RT: 18.051 min Scan# 2561  
 Delta R.T. 0.000 min  
 Lab File: BM029068.D  
 Acq: 10 Mar 2021 13:56



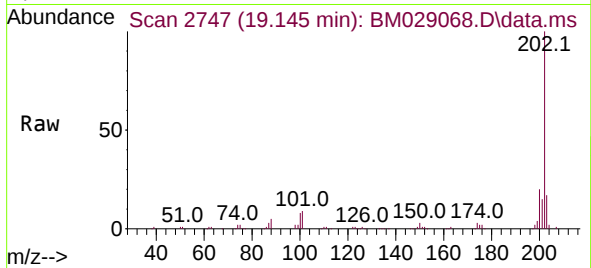
Tgt Ion:149 Resp: 110344  
 Ion Ratio Lower Upper  
 149 100  
 150 8.8 7.4 11.0  
 104 5.5 4.7 7.1





#75  
Fluoranthene  
Concen: 41.96 ng  
RT: 19.145 min Scan# 2747  
Delta R.T. 0.000 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56

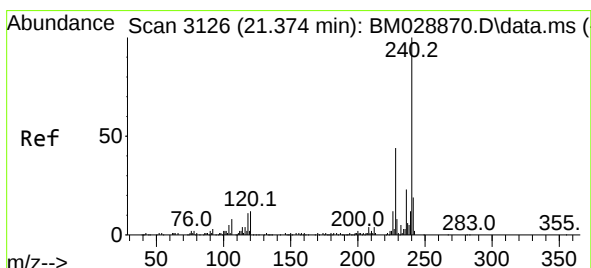
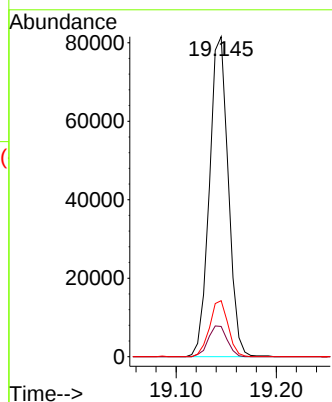
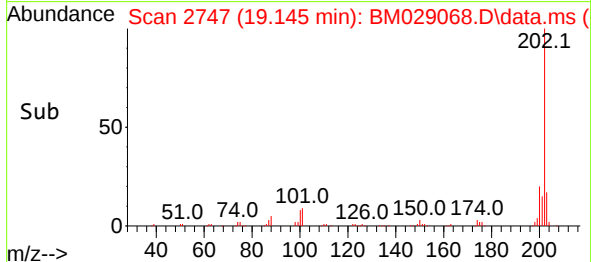
Instrument :  
BNA\_M  
ClientSampled :  
PB135082BS



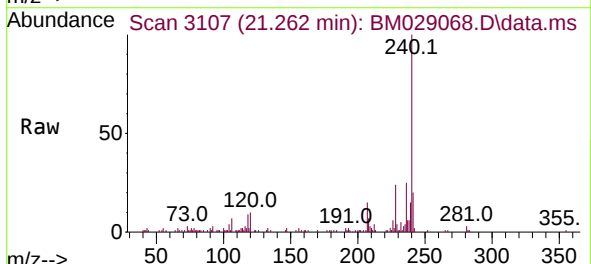
Tgt Ion:202 Resp: 106638  
Ion Ratio Lower Upper  
202 100  
101 9.4 0.0 28.5  
203 17.5 0.0 37.3

Manual Integrations  
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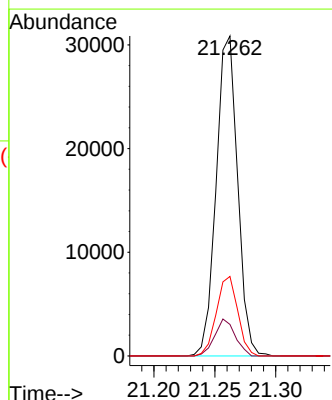
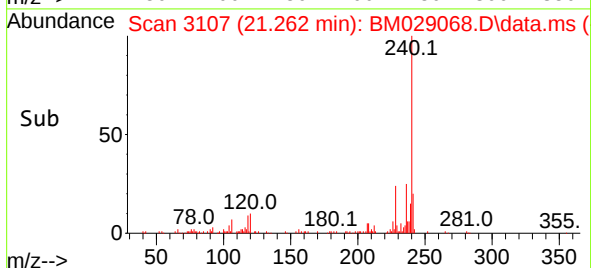
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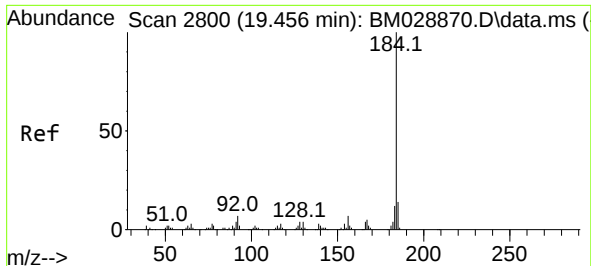


#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.262 min Scan# 3107  
Delta R.T. 0.000 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56



Tgt Ion:240 Resp: 37790  
Ion Ratio Lower Upper  
240 100  
120 9.8 6.4 9.6#  
236 24.8 20.1 30.1





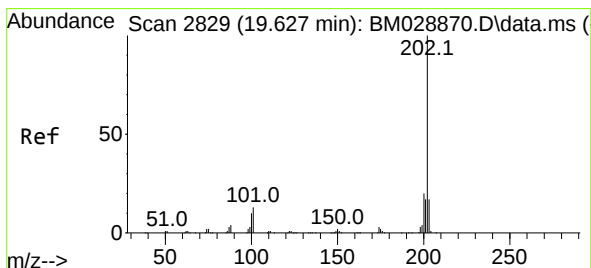
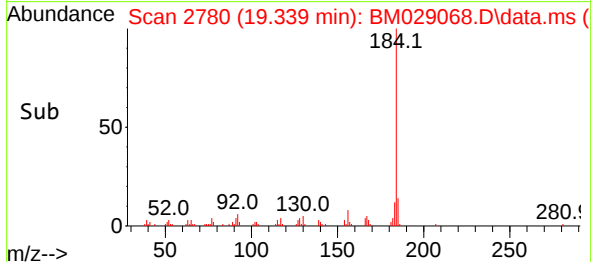
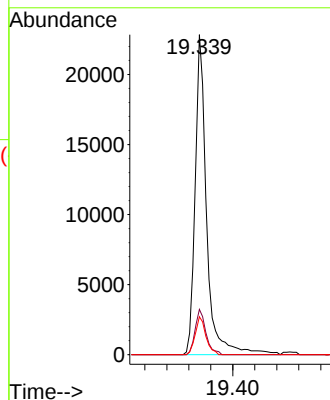
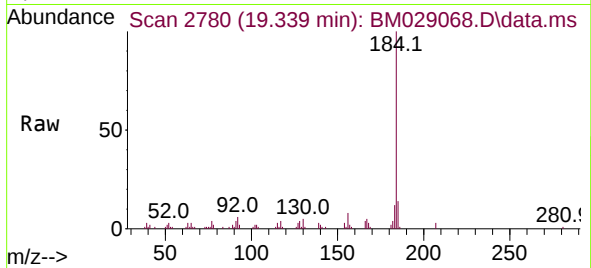
#77  
Benzidine  
Concen: 26.52 ng  
RT: 19.339 min Scan# 2780  
Delta R.T. 0.000 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:184 | Resp: | 33027     |
| Ion Ratio   | Lower | Upper     |
| 184         | 100   |           |
| 185         | 14.2  | 11.0 16.6 |
| 183         | 11.8  | 9.7 14.5  |

Instrument :  
BNA\_M  
ClientSampleId :  
PB135082BS

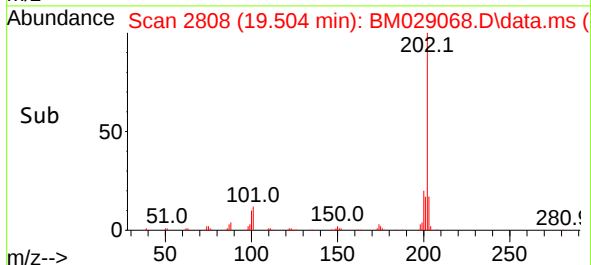
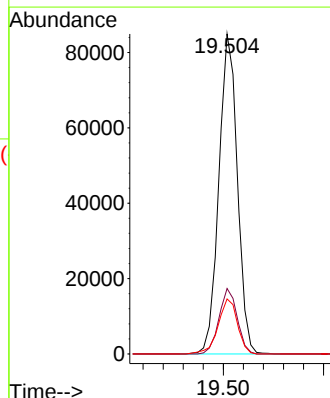
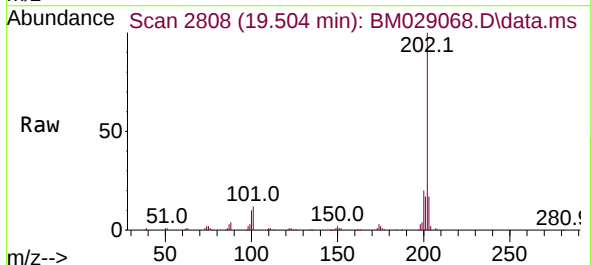
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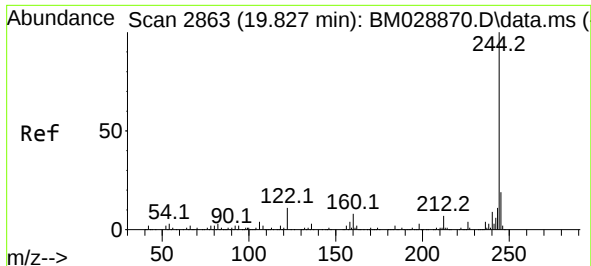
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#78  
Pyrene  
Concen: 39.03 ng  
RT: 19.504 min Scan# 2808  
Delta R.T. 0.000 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:202 | Resp: | 108346    |
| Ion Ratio   | Lower | Upper     |
| 202         | 100   |           |
| 200         | 20.4  | 16.6 24.8 |
| 203         | 17.2  | 13.8 20.6 |





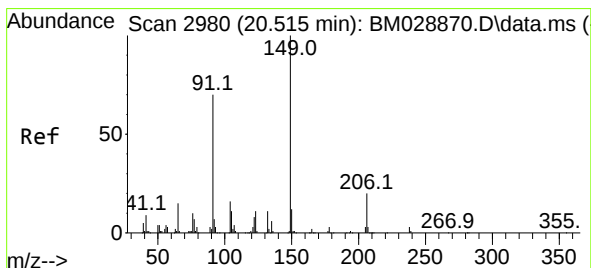
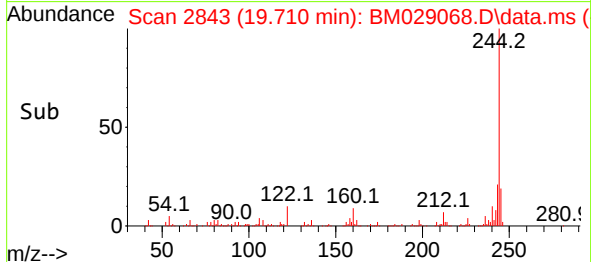
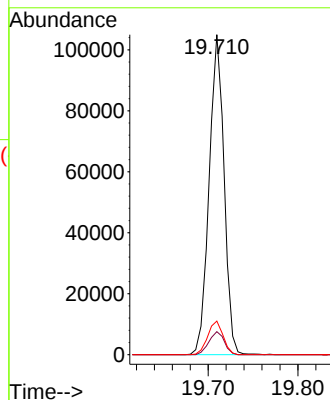
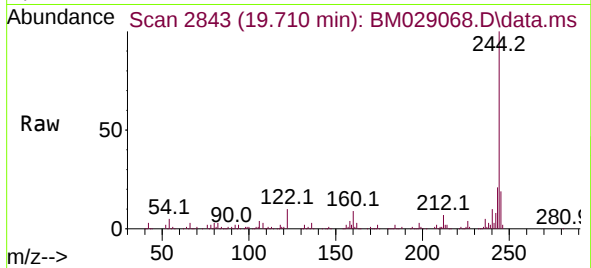
#79  
Terphenyl-d14  
Concen: 59.28 ng  
RT: 19.710 min Scan# 2843  
Delta R.T. 0.000 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56

Tgt Ion:244 Resp: 121313  
Ion Ratio Lower Upper  
244 100  
212 7.2 5.8 8.8  
122 10.5 6.5 9.7#

Instrument :  
BNA\_M  
ClientSampleId :  
PB135082BS

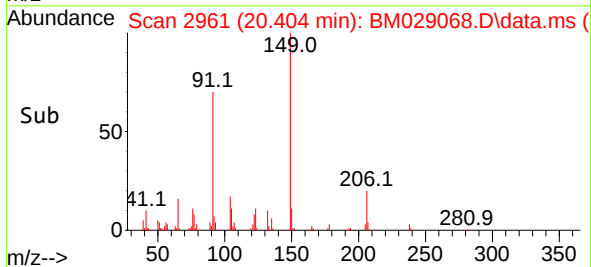
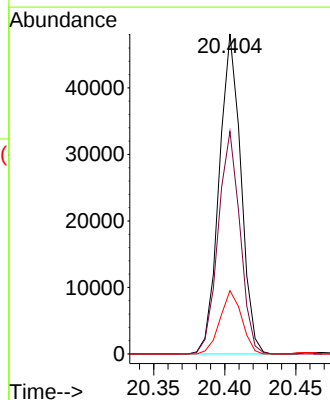
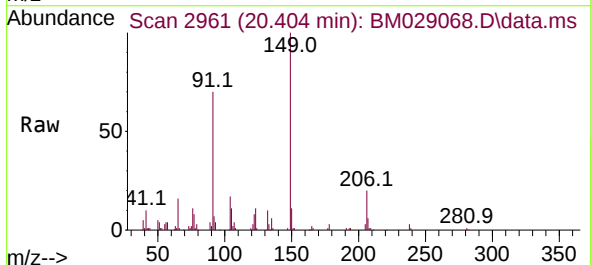
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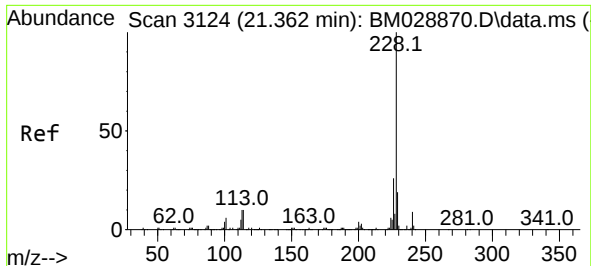
mohammad  
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#80  
Butylbenzylphthalate  
Concen: 42.78 ng  
RT: 20.404 min Scan# 2961  
Delta R.T. 0.000 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56

Tgt Ion:149 Resp: 51132  
Ion Ratio Lower Upper  
149 100  
91 69.6 58.1 87.1  
206 19.8 18.7 28.1





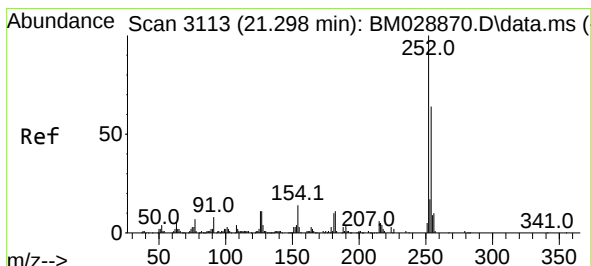
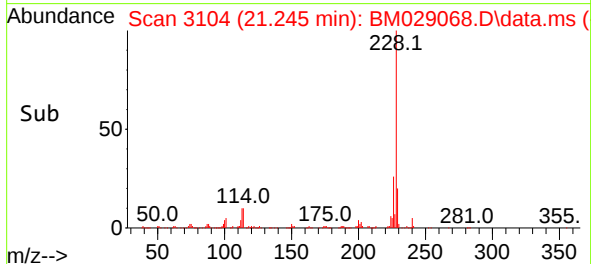
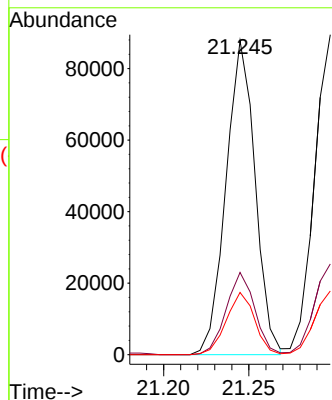
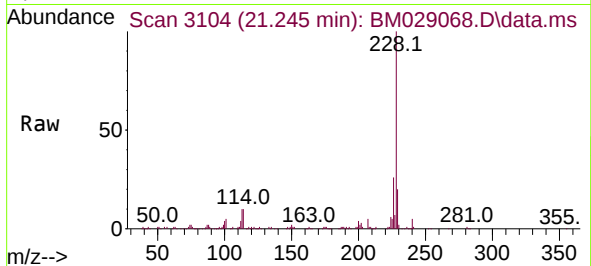
#81  
Benzo(a)anthracene  
Concen: 39.75 ng  
RT: 21.245 min Scan# 3104  
Delta R.T. 0.000 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56

Tgt Ion:228 Resp: 104260  
Ion Ratio Lower Upper  
228 100  
226 26.2 21.1 31.7  
229 19.8 15.7 23.5

Instrument :  
BNA\_M  
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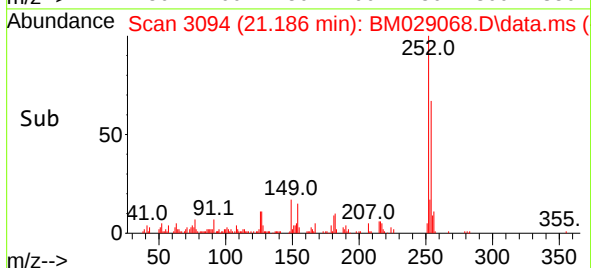
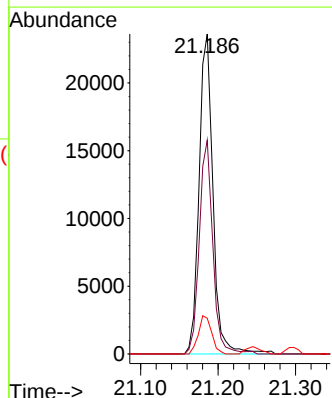
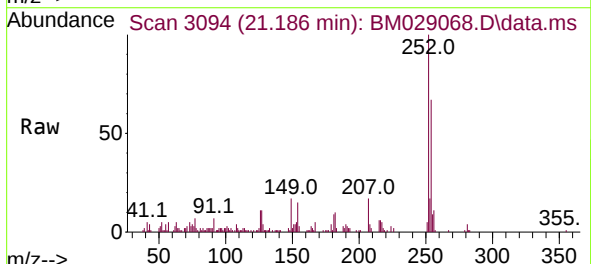
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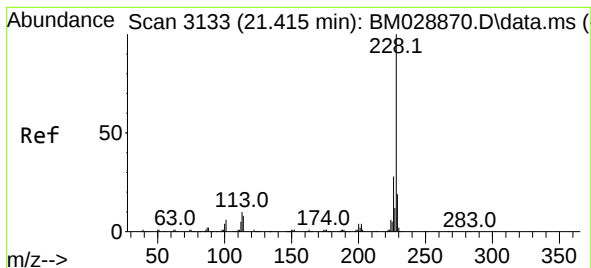
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#82  
3,3'-Dichlorobenzidine  
Concen: 32.44 ng  
RT: 21.186 min Scan# 3094  
Delta R.T. 0.000 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56

Tgt Ion:252 Resp: 29390  
Ion Ratio Lower Upper  
252 100  
254 66.8 51.4 77.0  
126 11.1 6.8 10.2#





#83

Chrysene

Concen: 40.40 ng

RT: 21.298 min Scan# 3113

Delta R.T. 0.000 min

Lab File: BM029068.D

Acq: 10 Mar 2021 13:56

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 103237 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 28.4  | 23.4  | 35.0   |
| 229       | 19.9  | 15.7  | 23.5   |

Instrument :

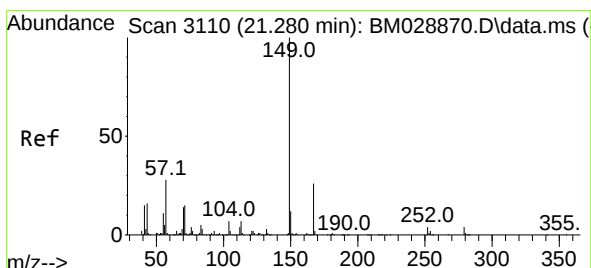
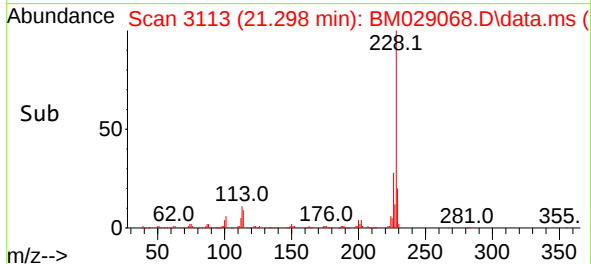
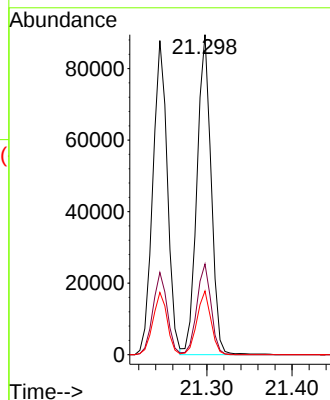
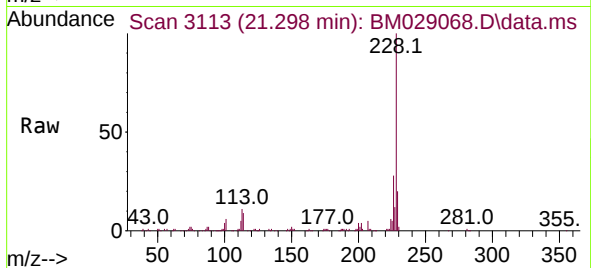
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ClientSampleId :

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#84

Bis(2-ethylhexyl)phthalate

Concen: 44.55 ng

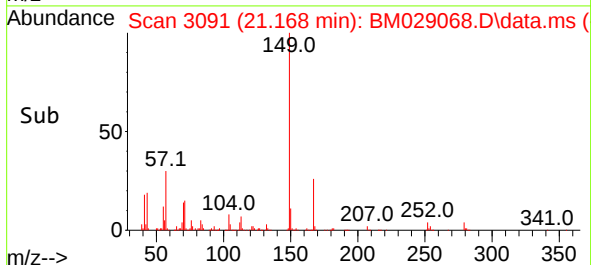
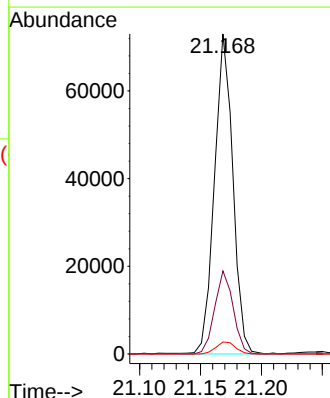
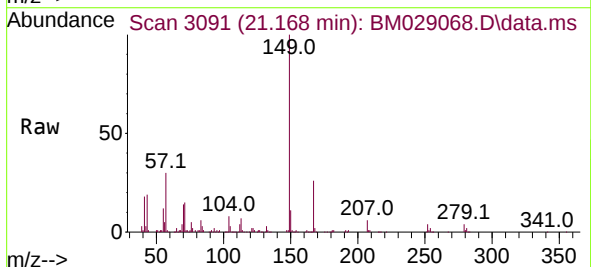
RT: 21.168 min Scan# 3091

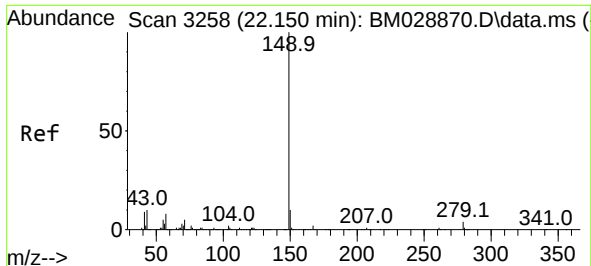
Delta R.T. -0.006 min

Lab File: BM029068.D

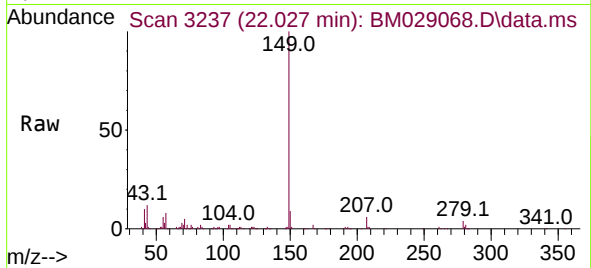
Acq: 10 Mar 2021 13:56

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 149   | Resp: | 76611 |
| Ion Ratio | Lower | Upper |       |
| 149       | 100   |       |       |
| 167       | 26.0  | 22.7  | 34.1  |
| 279       | 3.7   | 4.0   | 6.0#  |

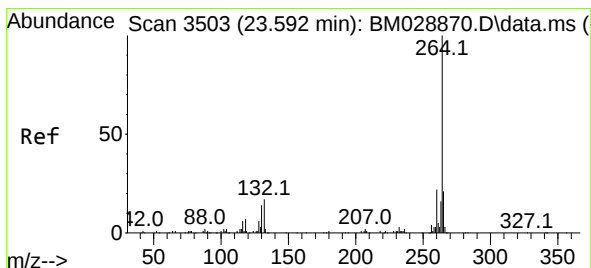
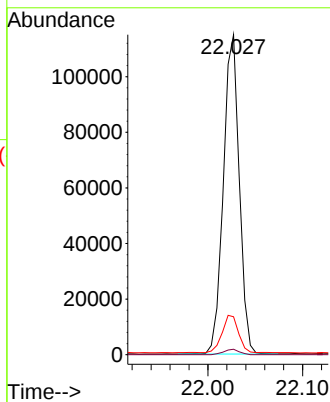
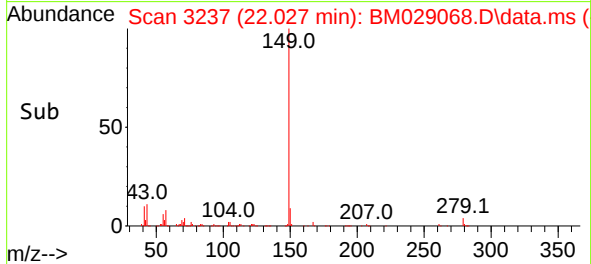




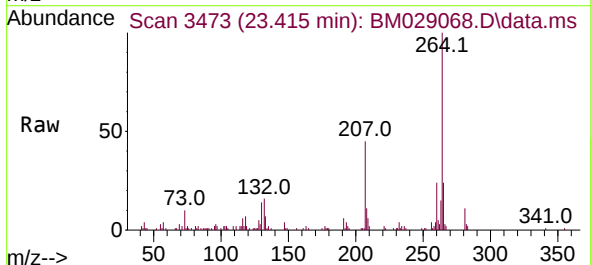
#85  
Di-n-octyl phthalate  
Concen: 46.03 ng  
RT: 22.027 min Scan# 3237  
Delta R.T. -0.006 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56



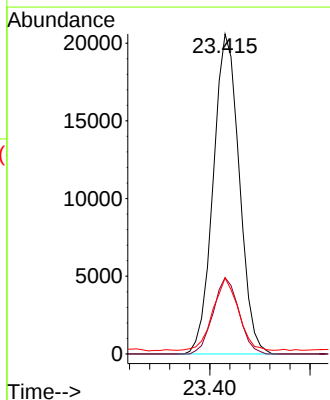
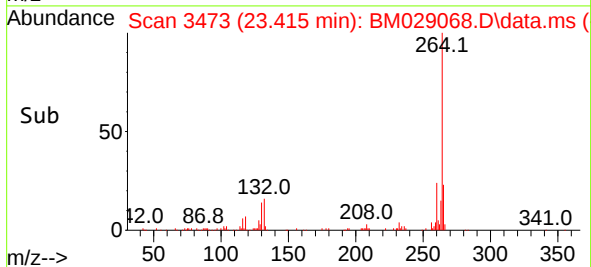
Tgt Ion:149 Resp: 134305  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.3 1.9  
43 12.3 5.8 8.6#



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 23.415 min Scan# 3473  
Delta R.T. -0.006 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56



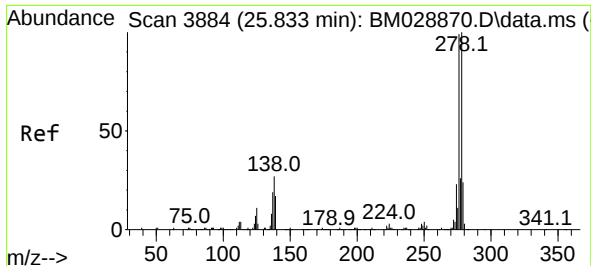
Tgt Ion:264 Resp: 37117  
Ion Ratio Lower Upper  
264 100  
260 23.9 19.0 28.4  
265 23.7 17.7 26.5



Instrument :  
BNA\_M  
ClientSampleId :  
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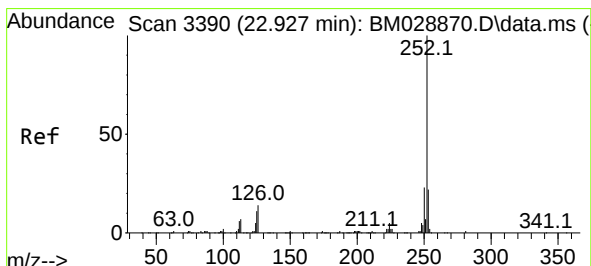
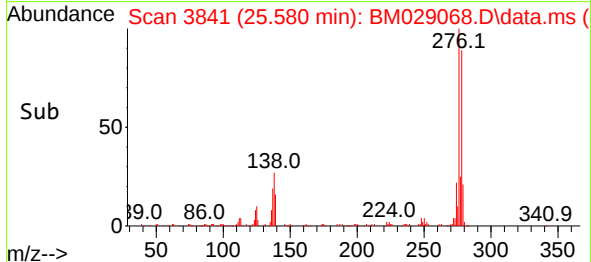
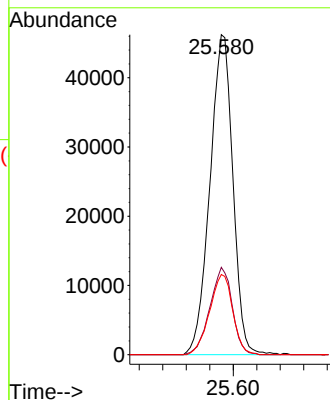
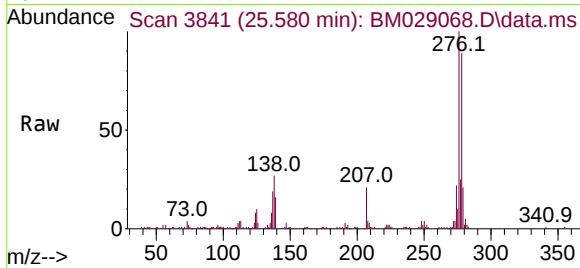
#87  
Indeno(1,2,3-cd)pyrene  
Concen: 44.70 ng  
RT: 25.580 min Scan# 3841  
Delta R.T. -0.006 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56

Tgt Ion: 276 Resp: 125200  
Ion Ratio Lower Upper  
276 100  
138 26.6 14.2 21.4#  
277 25.3 19.8 29.8

Instrument :  
BNA\_M  
ClientSampled :  
PB135082BS

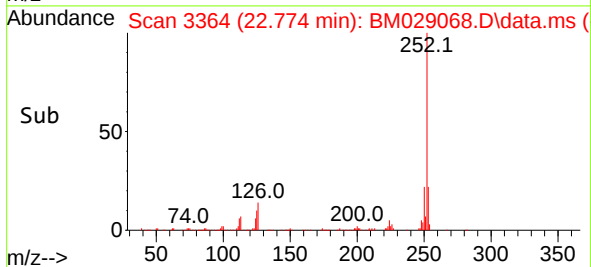
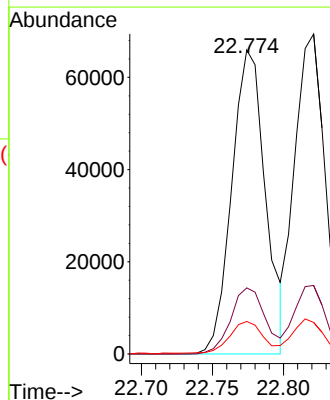
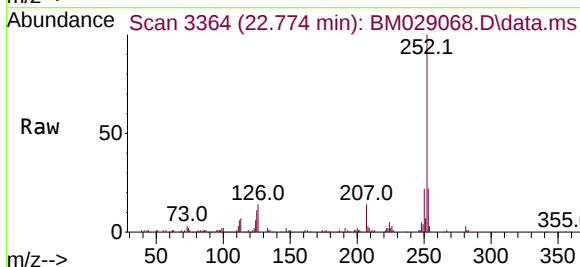
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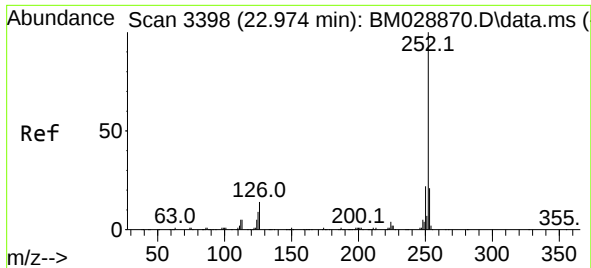
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#88  
Benzo(b)fluoranthene  
Concen: 41.57 ng  
RT: 22.774 min Scan# 3364  
Delta R.T. -0.006 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56

Tgt Ion: 252 Resp: 108992  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.4 26.0  
125 10.7 5.7 8.5#





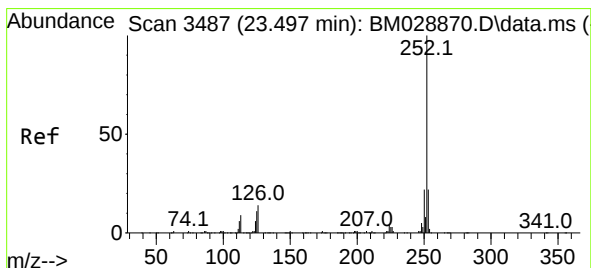
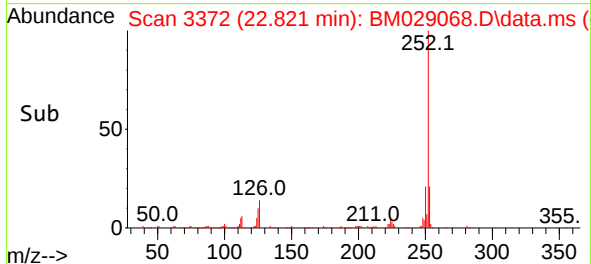
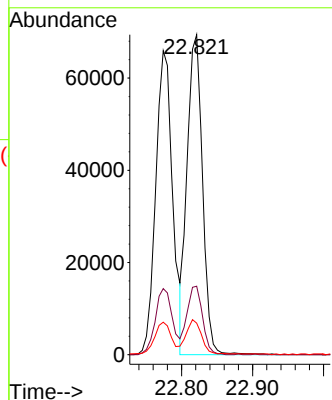
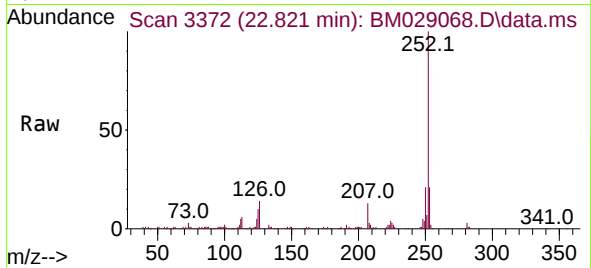
#89  
Benzo(k)fluoranthene  
Concen: 42.01 ng  
RT: 22.821 min Scan# 3372  
Delta R.T. 0.000 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56

Instrument :  
BNA\_M  
ClientSampleId :  
PB135082BS

Tgt Ion:252 Resp: 104624  
Ion Ratio Lower Upper  
252 100  
253 21.4 17.4 26.0  
125 9.8 5.6 8.4#

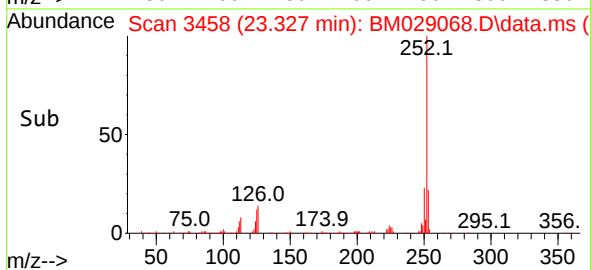
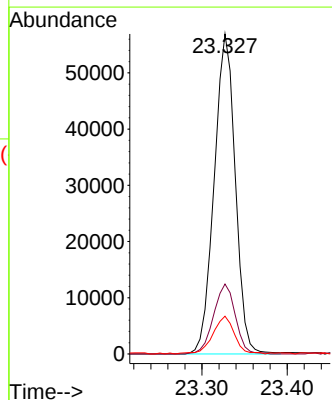
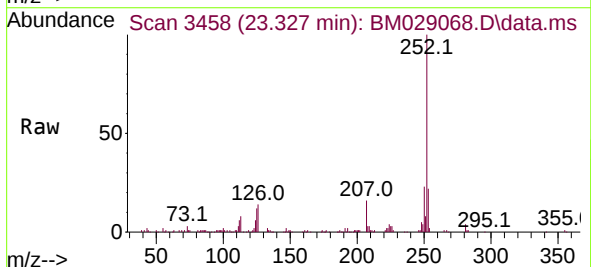
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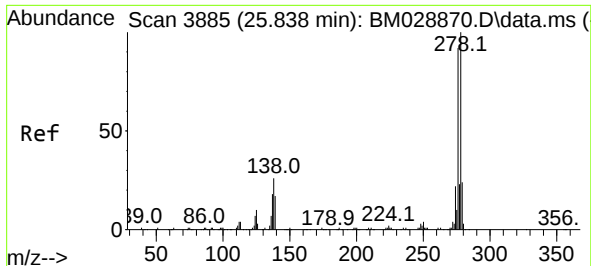
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#90  
Benzo(a)pyrene  
Concen: 40.98 ng  
RT: 23.327 min Scan# 3458  
Delta R.T. -0.006 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56

Tgt Ion:252 Resp: 98037  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.4 26.2  
125 11.8 6.6 9.8#





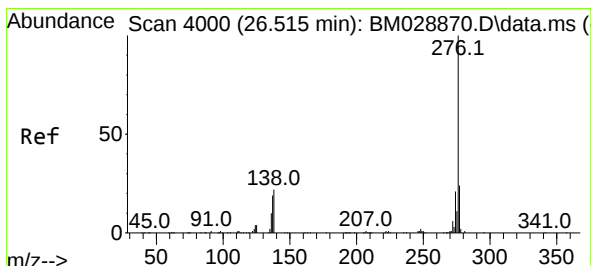
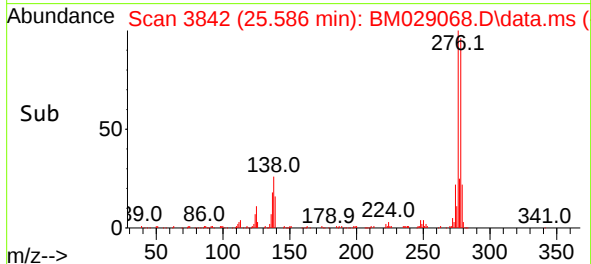
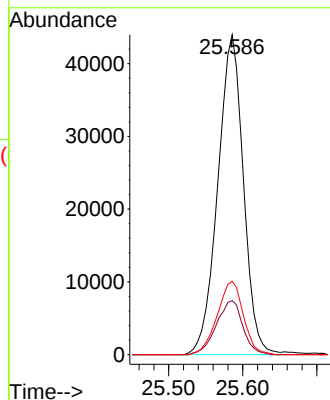
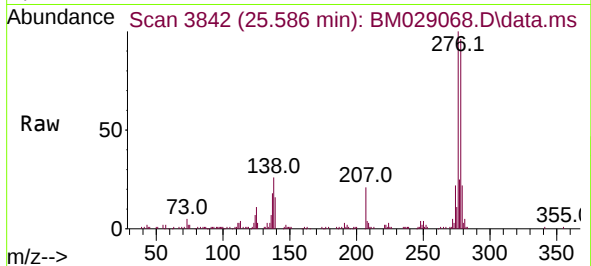
#91  
Dibenzo(a,h)anthracene  
Concen: 43.32 ng  
RT: 25.586 min Scan# 3842  
Delta R.T. 0.000 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56

Tgt Ion: 278 Resp: 105449  
Ion Ratio Lower Upper  
278 100  
139 16.9 9.0 13.6#  
279 23.0 19.0 28.4

Instrument :  
BNA\_M  
ClientSampled :  
PB135082BS

Manual Integrations  
APPROVED

mohammad  
3/11/2021 9:26:09 AM



#92  
Benzo(g,h,i)perylene  
Concen: 43.81 ng  
RT: 26.239 min Scan# 3953  
Delta R.T. 0.000 min  
Lab File: BM029068.D  
Acq: 10 Mar 2021 13:56

Tgt Ion: 276 Resp: 102961  
Ion Ratio Lower Upper  
276 100  
277 24.0 18.6 28.0  
138 22.4 12.2 18.2#

