

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM052522\  
 Data File : BM035249.D  
 Acq On : 25 May 2022 19:46  
 Operator : CG/JU  
 Sample : N2922-11MSD  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 P024-SS001-2430-01MSD

Quant Time: May 26 05:39:14 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM042722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 26 05:05:10 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.887  | 152  | 83325    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.686 | 136  | 300829   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.527 | 164  | 186381   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.268 | 188  | 396269   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.450 | 240  | 465172   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 23.827 | 264  | 571974   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.469  | 112  | 516449   | 109.347 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.063  | 99   | 643133   | 105.480 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.051  | 82   | 395083   | 70.921  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.015 | 330  | 327790   | 161.676 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.151 | 172  | 1066028  | 83.030  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.892 | 244  | 1731791  | 72.083  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.375  | 88   | 72706    | 38.045  | ng    | # 87     |
| 3) Pyridine                   | 3.769  | 79   | 180948   | 33.984  | ng    | 88       |
| 4) n-Nitrosodimethylamine     | 3.681  | 42   | 93328    | 35.550  | ng    | 81       |
| 6) Aniline                    | 7.216  | 93   | 296136   | 42.283  | ng    | 96       |
| 8) 2-Chlorophenol             | 7.457  | 128  | 250299   | 47.616  | ng    | 89       |
| 9) Benzaldehyde               | 7.028  | 77   | 133330   | 33.598  | ng    | 89       |
| 10) Phenol                    | 7.093  | 94   | 275969   | 44.257  | ng    | 95       |
| 11) bis(2-Chloroethyl)ether   | 7.310  | 93   | 203813   | 43.417  | ng    | 92       |
| 12) 1,3-Dichlorobenzene       | 7.781  | 146  | 292443   | 49.113  | ng    | 94       |
| 13) 1,4-Dichlorobenzene       | 7.922  | 146  | 298230   | 48.938  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.239  | 146  | 283886   | 48.931  | ng    | 99       |
| 15) Benzyl Alcohol            | 8.134  | 79   | 197181   | 43.274  | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.422  | 45   | 222546   | 29.253  | ng    | 89       |
| 17) 2-Methylphenol            | 8.339  | 107  | 194225   | 45.871  | ng    | 95       |
| 18) Hexachloroethane          | 8.969  | 117  | 99019    | 44.269  | ng    | # 83     |
| 19) n-Nitroso-di-n-propyla... | 8.698  | 70   | 153102   | 38.356  | ng    | # 87     |
| 20) 3+4-Methylphenols         | 8.669  | 107  | 257065   | 44.372  | ng    | 97       |
| 22) Acetophenone              | 8.716  | 105  | 343606   | 47.162  | ng    | # 92     |
| 24) Nitrobenzene              | 9.092  | 77   | 233063   | 41.591  | ng    | 91       |
| 25) Isophorone                | 9.622  | 82   | 415367   | 44.596  | ng    | 95       |
| 26) 2-Nitrophenol             | 9.804  | 139  | 137680   | 56.305  | ng    | # 88     |
| 27) 2,4-Dimethylphenol        | 9.869  | 122  | 215397   | 57.124  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 10.104 | 93   | 259747   | 48.459  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.339 | 162  | 246482   | 55.443  | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 10.557 | 180  | 284950   | 56.627  | ng    | 98       |
| 31) Naphthalene               | 10.739 | 128  | 732418   | 47.196  | ng    | 99       |
| 32) Benzoic acid              | 10.016 | 122  | 159794   | 52.822  | ng    | 95       |
| 33) 4-Chloroaniline           | 10.851 | 127  | 200351   | 32.095  | ng    | 95       |
| 34) Hexachlorobutadiene       | 11.033 | 225  | 191735   | 61.712  | ng    | 99       |
| 35) Caprolactam               | 11.639 | 113  | 64321    | 50.094  | ng    | # 73     |
| 36) 4-Chloro-3-methylphenol   | 11.986 | 107  | 222060   | 48.270  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.351 | 142  | 517405   | 48.118  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.569 | 142  | 494705   | 47.112  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.722 | 216  | 333151   | 62.775  | ng    | # 97     |
| 41) Hexachlorocyclopentadiene | 12.704 | 237  | 446334   | 140.468 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 12.963 | 196  | 210679   | 58.642  | ng    | 99       |

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 QLast Update : Thu May 26 05:05:10 2022  
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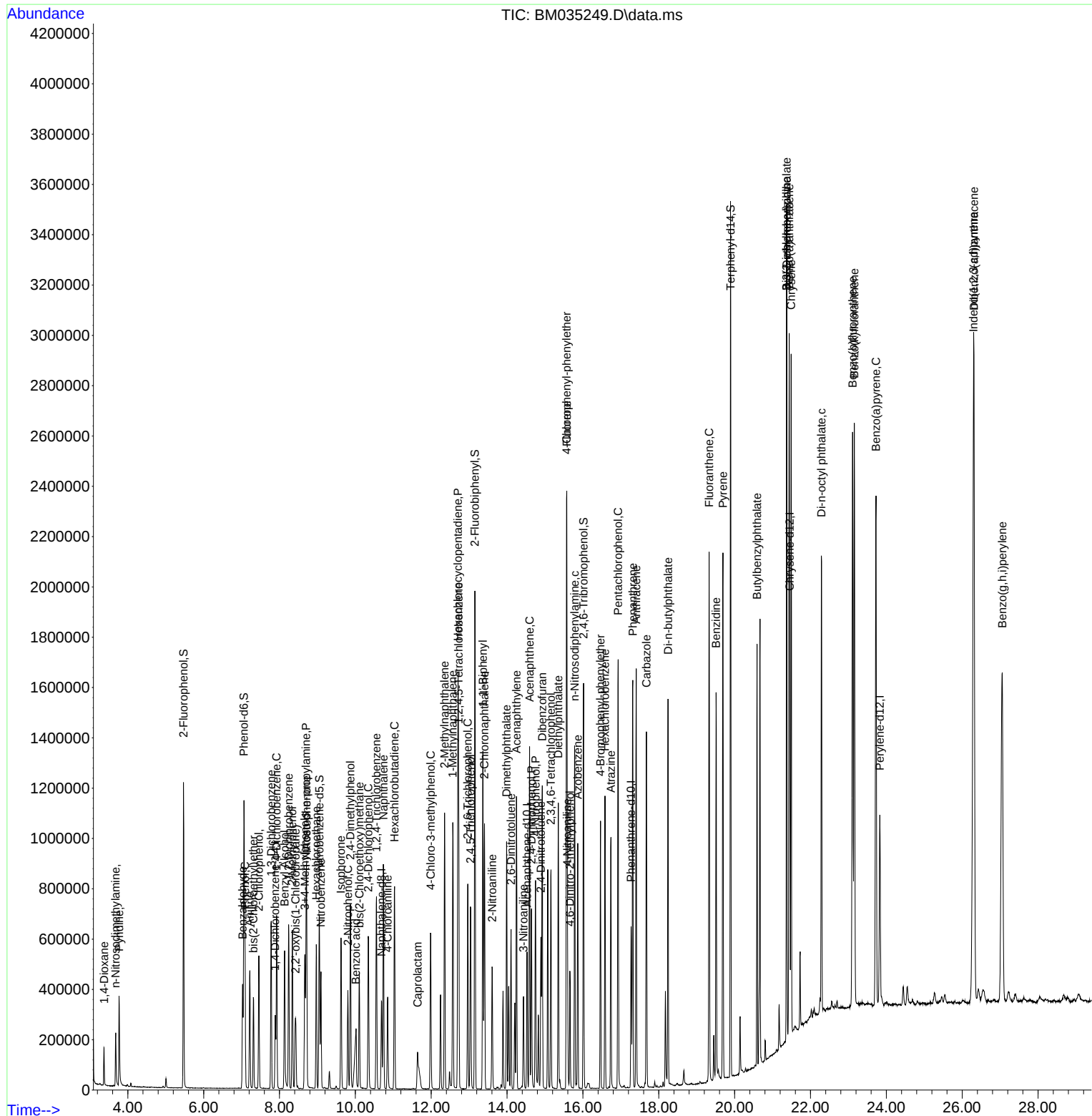
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.039 | 196  | 223556   | 56.037  | ng    | # 90     |
| 46) 1,1'-Biphenyl             | 13.363 | 154  | 695764   | 49.551  | ng    | 97       |
| 47) 2-Chloronaphthalene       | 13.404 | 162  | 549225   | 50.191  | ng    | 98       |
| 48) 2-Nitroaniline            | 13.604 | 65   | 125800   | 39.964  | ng    | 86       |
| 49) Acenaphthylene            | 14.251 | 152  | 869006   | 51.581  | ng    | 99       |
| 50) Dimethylphthalate         | 13.986 | 163  | 650947   | 46.846  | ng    | # 98     |
| 51) 2,6-Dinitrotoluene        | 14.104 | 165  | 148130   | 52.359  | ng    | # 78     |
| 52) Acenaphthene              | 14.592 | 154  | 493773   | 43.259  | ng    | 99       |
| 53) 3-Nitroaniline            | 14.433 | 138  | 99920    | 32.918  | ng    | 89       |
| 54) 2,4-Dinitrophenol         | 14.645 | 184  | 192022   | 115.392 | ng    | # 75     |
| 55) Dibenzofuran              | 14.927 | 168  | 813480   | 49.921  | ng    | 93       |
| 56) 4-Nitrophenol             | 14.751 | 139  | 238539   | 96.213  | ng    | # 83     |
| 57) 2,4-Dinitrotoluene        | 14.892 | 165  | 200172   | 52.785  | ng    | # 83     |
| 58) Fluorene                  | 15.574 | 166  | 646631   | 47.772  | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.157 | 232  | 198680   | 58.580  | ng    | # 82     |
| 60) Diethylphthalate          | 15.351 | 149  | 624349   | 44.114  | ng    | 96       |
| 61) 4-Chlorophenyl-phenyle... | 15.568 | 204  | 355247   | 54.840  | ng    | 90       |
| 62) 4-Nitroaniline            | 15.592 | 138  | 136747   | 43.507  | ng    | 93       |
| 63) Azobenzene                | 15.863 | 77   | 471748   | 36.546  | ng    | 88       |
| 65) 4,6-Dinitro-2-methylph... | 15.657 | 198  | 121065   | 51.107  | ng    | 83       |
| 66) n-Nitrosodiphenylamine    | 15.780 | 169  | 560043   | 46.633  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.462 | 248  | 230897   | 57.322  | ng    | # 88     |
| 68) Hexachlorobenzene         | 16.580 | 284  | 268104   | 58.954  | ng    | # 85     |
| 69) Atrazine                  | 16.739 | 200  | 211829   | 52.538  | ng    | 94       |
| 70) Pentachlorophenol         | 16.927 | 266  | 347750   | 122.043 | ng    | 99       |
| 71) Phenanthrene              | 17.315 | 178  | 1024751  | 46.400  | ng    | 99       |
| 72) Anthracene                | 17.404 | 178  | 1043932  | 48.953  | ng    | 99       |
| 73) Carbazole                 | 17.674 | 167  | 926539   | 47.572  | ng    | 97       |
| 74) Di-n-butylphthalate       | 18.245 | 149  | 1073584  | 43.323  | ng    | 99       |
| 75) Fluoranthene              | 19.327 | 202  | 1260085  | 51.960  | ng    | 97       |
| 77) Benzidine                 | 19.509 | 184  | 889588   | 62.600  | ng    | 100      |
| 78) Pyrene                    | 19.692 | 202  | 1298461  | 42.210  | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.592 | 149  | 489196   | 36.230  | ng    | # 86     |
| 81) Benzo(a)anthracene        | 21.439 | 228  | 1430917  | 46.100  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.368 | 252  | 415530   | 45.931  | ng    | # 98     |
| 83) Chrysene                  | 21.492 | 228  | 1358986  | 45.837  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.368 | 149  | 731742   | 35.243  | ng    | # 97     |
| 85) Di-n-octyl phthalate      | 22.292 | 149  | 1323473  | 38.666  | ng    | # 92     |
| 87) Indeno(1,2,3-cd)pyrene    | 26.297 | 276  | 2130758  | 48.998  | ng    | # 94     |
| 88) Benzo(b)fluoranthene      | 23.109 | 252  | 1718111  | 47.759  | ng    | # 98     |
| 89) Benzo(k)fluoranthene      | 23.156 | 252  | 1639670  | 45.025  | ng    | # 98     |
| 90) Benzo(a)pyrene            | 23.727 | 252  | 1675270  | 56.053  | ng    | # 97     |
| 91) Dibenzo(a,h)anthracene    | 26.309 | 278  | 1862834  | 51.067  | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 27.056 | 276  | 1851688  | 52.830  | ng    | # 94     |

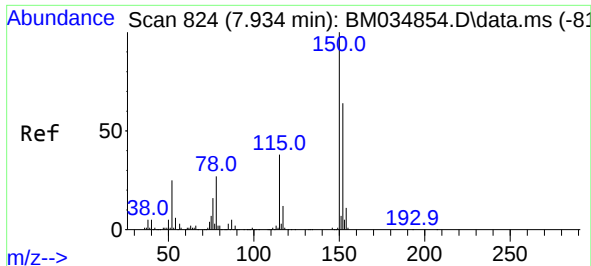
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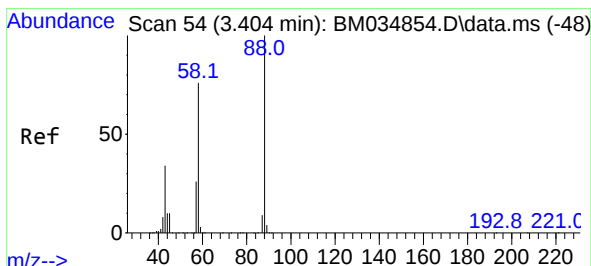
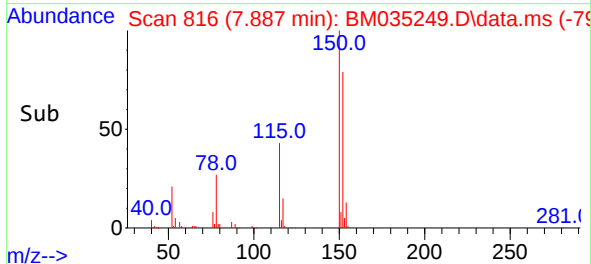
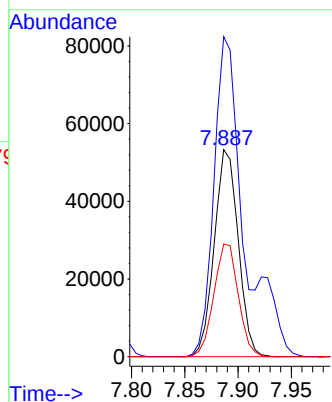
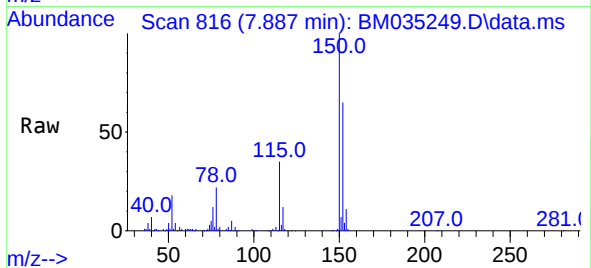




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.887 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BM035249.D  
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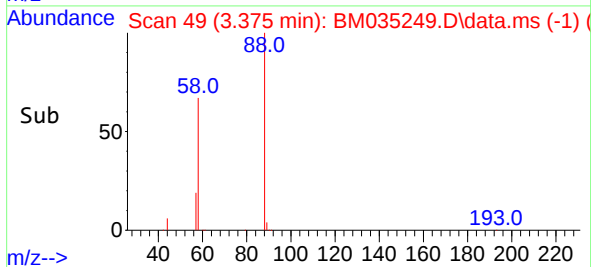
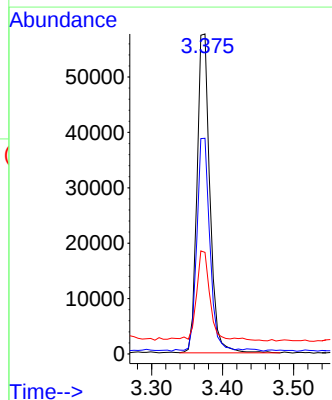
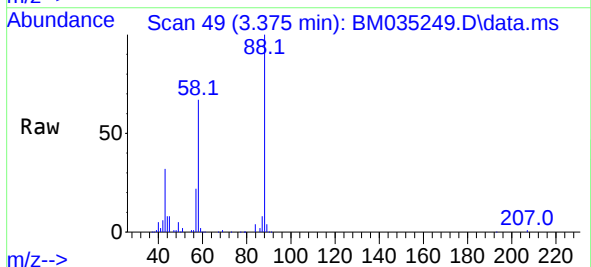
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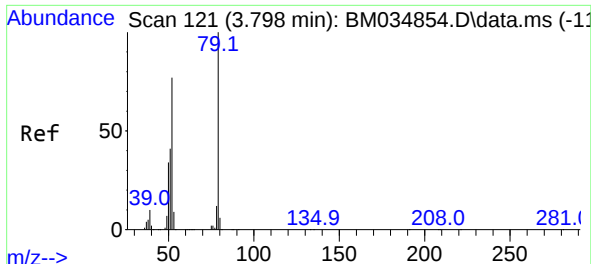
Tgt Ion:152 Resp: 83325  
Ion Ratio Lower Upper  
152 100  
150 154.6 124.9 187.3  
115 54.4 47.9 71.9



#2  
1,4-Dioxane  
Concen: 38.045 ng  
RT: 3.375 min Scan# 49  
Delta R.T. 0.006 min  
Lab File: BM035249.D  
Acq: 25 May 2022 19:46

Tgt Ion: 88 Resp: 72706  
Ion Ratio Lower Upper  
88 100  
58 67.6 62.3 93.5  
43 27.4 28.7 43.1#

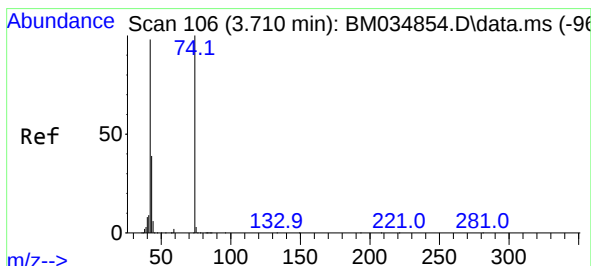
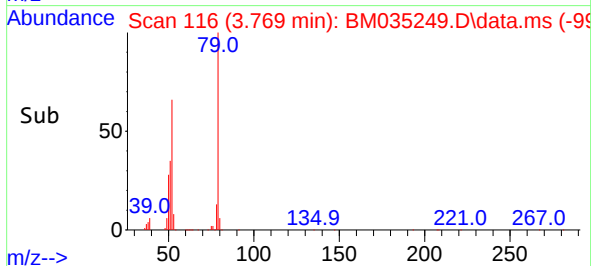
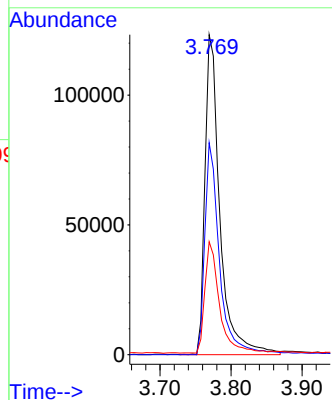
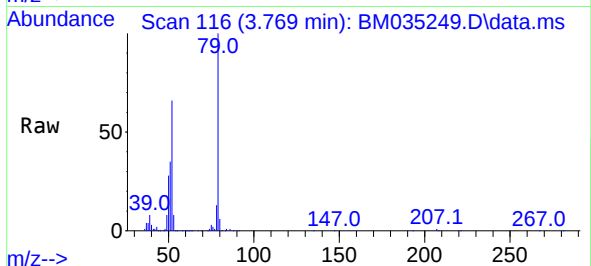




#3  
Pyridine  
Concen: 33.984 ng  
RT: 3.769 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BM035249.D  
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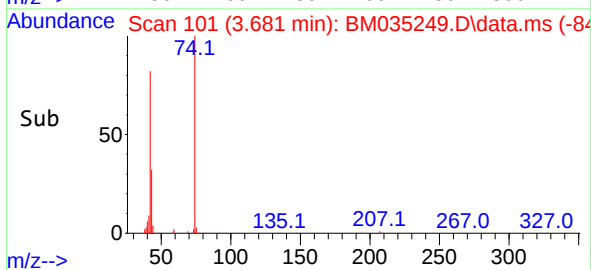
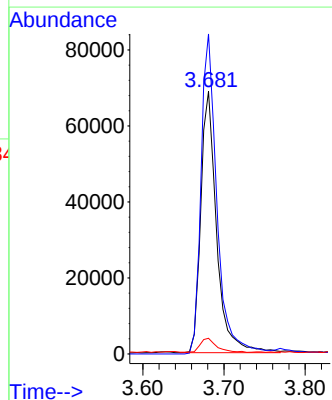
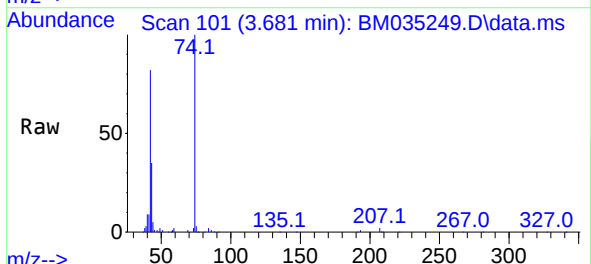
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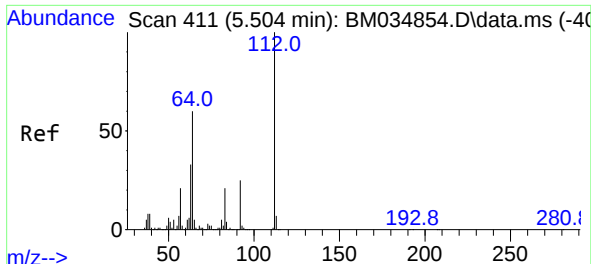
Tgt Ion: 79 Resp: 180948  
Ion Ratio Lower Upper  
79 100  
52 66.3 61.9 92.9  
51 35.3 33.5 50.3



#4  
n-Nitrosodimethylamine  
Concen: 35.550 ng  
RT: 3.681 min Scan# 101  
Delta R.T. 0.000 min  
Lab File: BM035249.D  
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Tgt Ion: 42 Resp: 93328  
Ion Ratio Lower Upper  
42 100  
74 121.9 81.6 122.4  
44 6.0 5.2 7.8

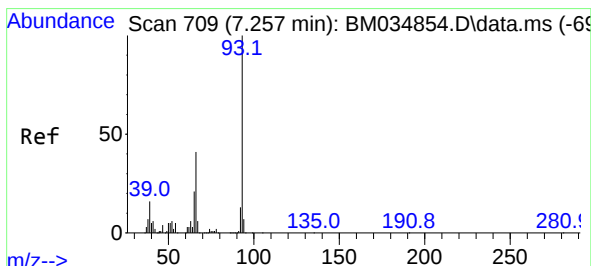
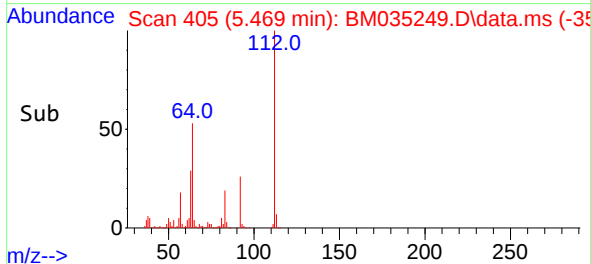
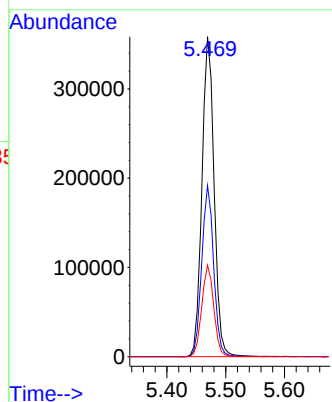
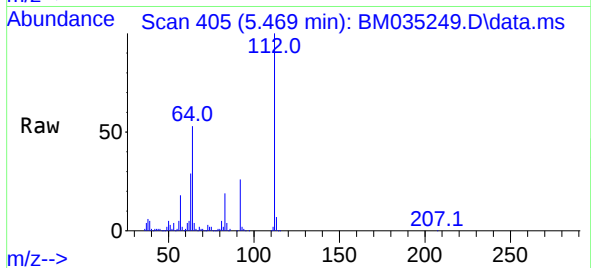




#5  
2-Fluorophenol  
Concen: 109.347 ng  
RT: 5.469 min Scan# 405  
Delta R.T. 0.000 min  
Lab File: BM035249.D  
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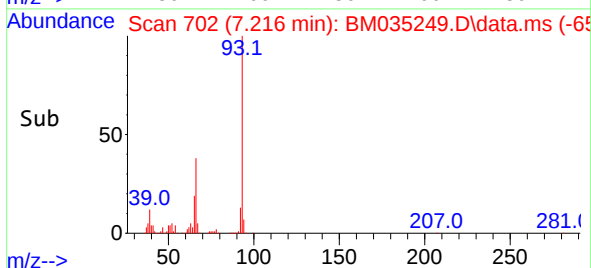
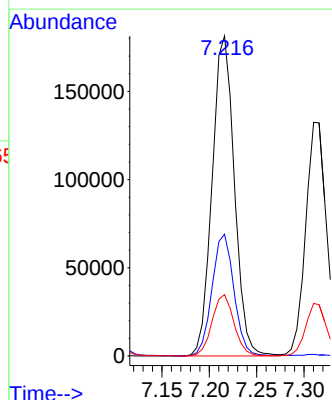
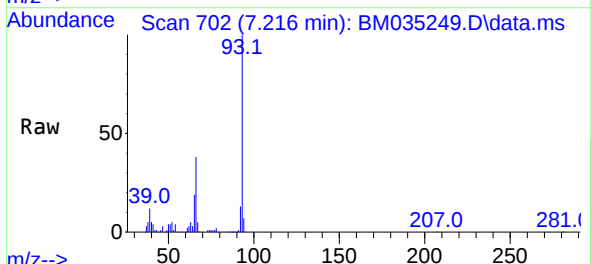
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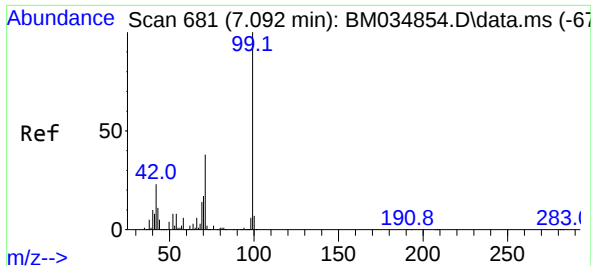
Tgt Ion:112 Resp: 516449  
Ion Ratio Lower Upper  
112 100  
64 53.5 47.8 71.6  
63 28.6 26.6 40.0



#6  
Aniline  
Concen: 42.283 ng  
RT: 7.216 min Scan# 702  
Delta R.T. 0.000 min  
Lab File: BM035249.D  
Acq: 25 May 2022 19:46

Tgt Ion: 93 Resp: 296136  
Ion Ratio Lower Upper  
93 100  
66 38.1 32.6 49.0  
65 19.2 16.8 25.2

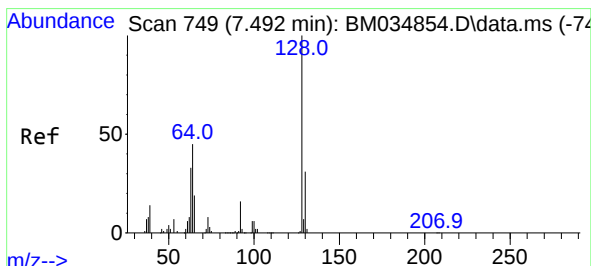
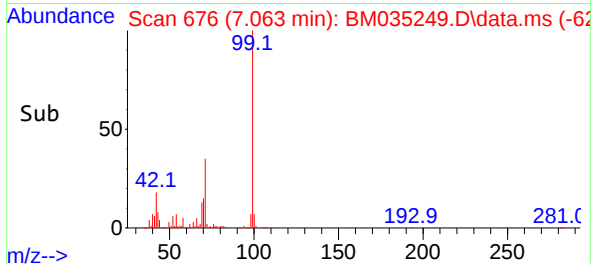
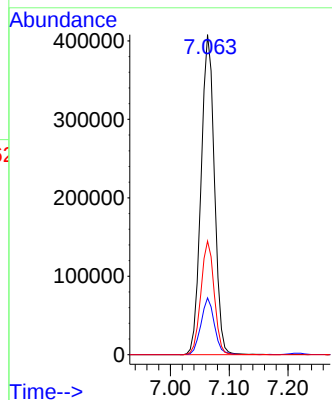
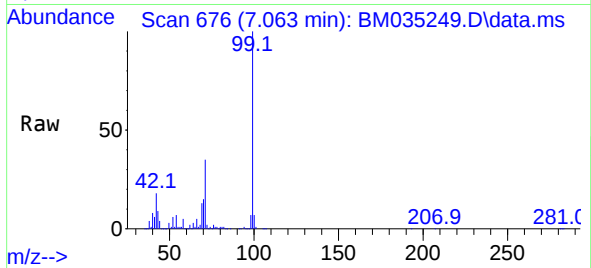




#7  
Phenol-d6  
Concen: 105.480 ng  
RT: 7.063 min Scan# 61  
Delta R.T. 0.000 min  
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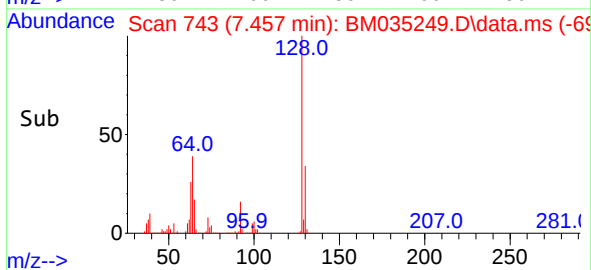
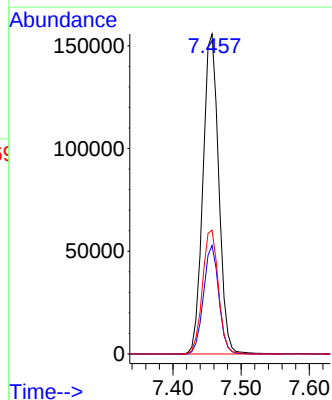
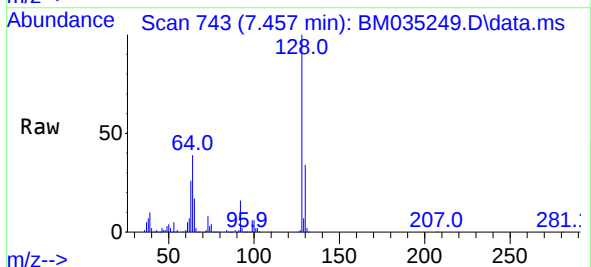
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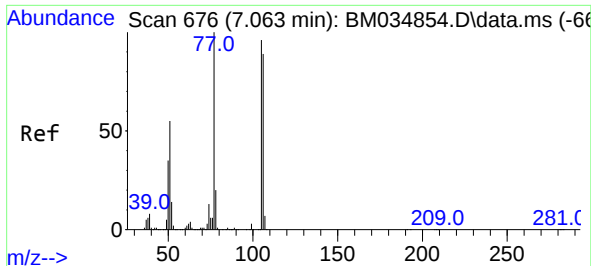
Tgt Ion: 99 Resp: 643133  
Ion Ratio Lower Upper  
99 100  
42 17.8 18.8 28.2#  
71 35.5 30.2 45.2



#8  
2-Chlorophenol  
Concen: 47.616 ng  
RT: 7.457 min Scan# 743  
Delta R.T. 0.000 min  
Lab File: BM035249.D  
Acq: 25 May 2022 19:46

Tgt Ion:128 Resp: 250299  
Ion Ratio Lower Upper  
128 100  
130 33.9 10.9 50.9  
64 38.7 28.2 68.2

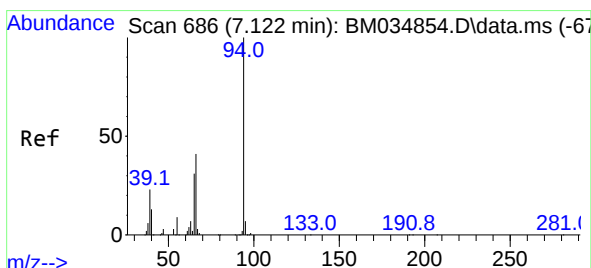
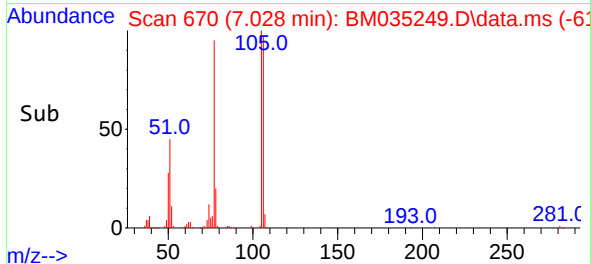
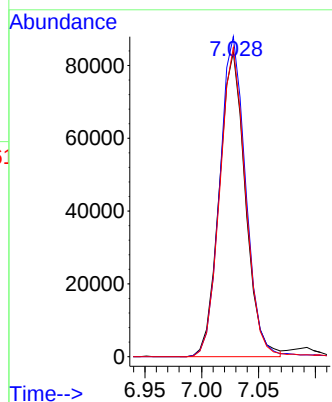
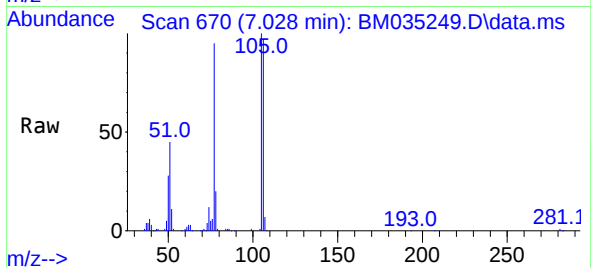




#9  
Benzaldehyde  
Concen: 33.598 ng  
RT: 7.028 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BM035249.D  
Acq: 25 May 2022 19:46

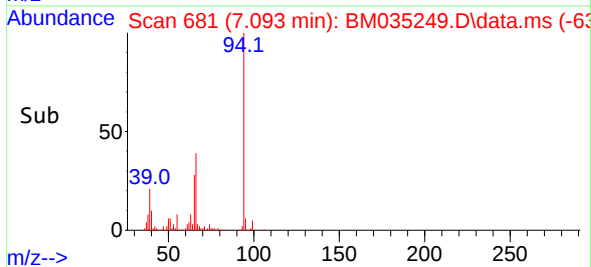
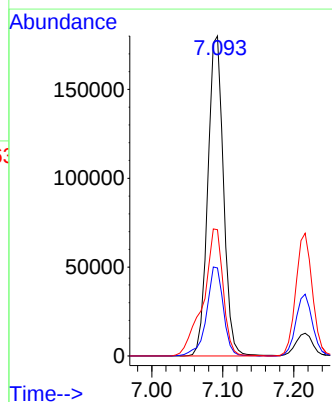
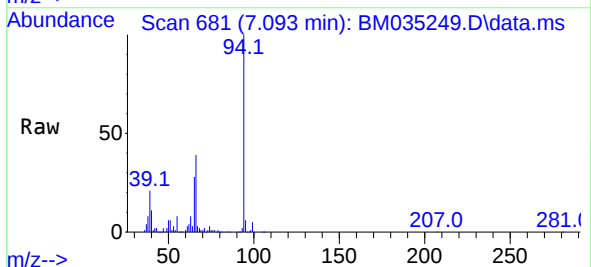
Instrument :  
BNA\_M  
ClientSampleId :  
P024-SS001-2430-01MSD

Tgt Ion: 77 Resp: 133330  
Ion Ratio Lower Upper  
77 100  
105 105.1 76.3 116.3  
106 101.5 69.0 109.0



#10  
Phenol  
Concen: 44.257 ng  
RT: 7.093 min Scan# 681  
Delta R.T. 0.000 min  
Lab File: BM035249.D  
Acq: 25 May 2022 19:46

Tgt Ion: 94 Resp: 275969  
Ion Ratio Lower Upper  
94 100  
65 27.5 11.4 51.4  
66 39.4 21.4 61.4



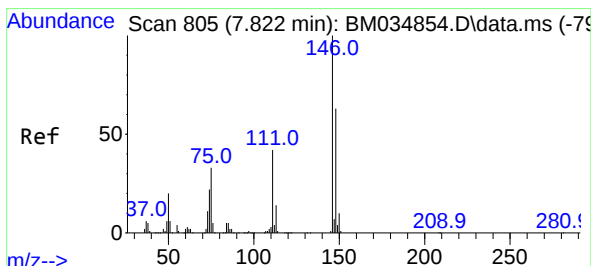
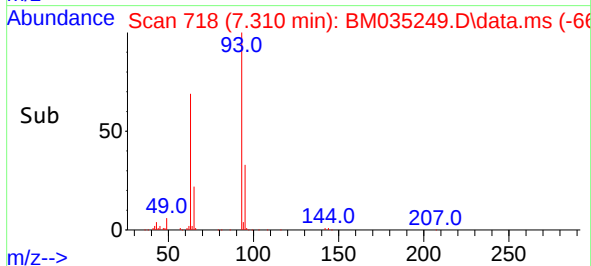
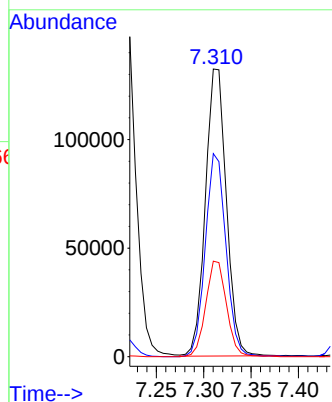
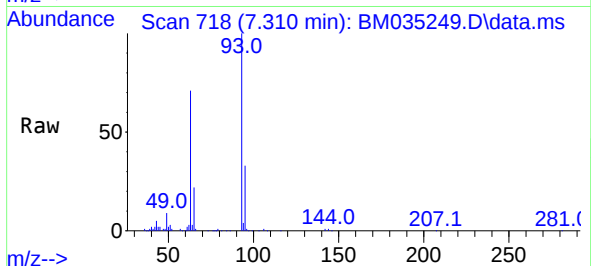


#11  
bis(2-Chloroethyl)ether  
Concen: 43.417 ng  
RT: 7.310 min Scan# 718  
Delta R.T. -0.006 min  
Lab File: BM035249.D  
Acq: 25 May 2022 19:46

Instrument :  
BNA\_M  
ClientSampleId :  
P024-SS001-2430-01MSD

Tgt Ion: 93 Resp: 203813

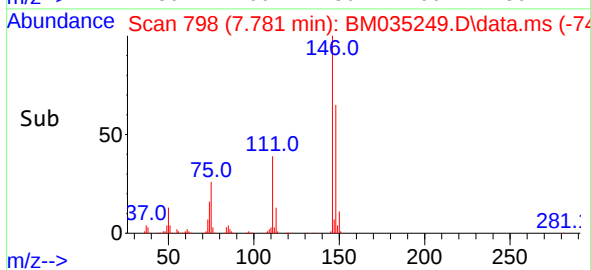
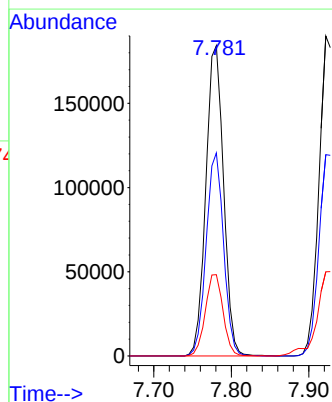
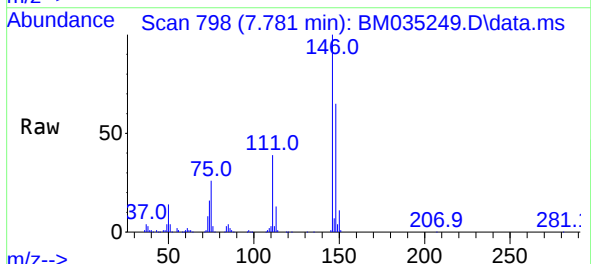
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 70.6  | 60.6  | 100.6 |
| 95  | 33.2  | 13.2  | 53.2  |

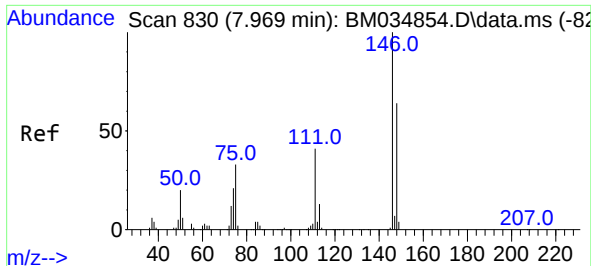


#12  
1,3-Dichlorobenzene  
Concen: 49.113 ng  
RT: 7.781 min Scan# 798  
Delta R.T. 0.000 min  
Lab File: BM035249.D  
Acq: 25 May 2022 19:46

Tgt Ion: 146 Resp: 292443

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 148 | 65.4  | 50.7  | 76.1  |
| 75  | 26.2  | 26.1  | 39.1  |

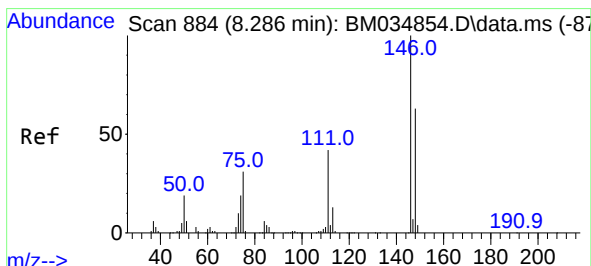
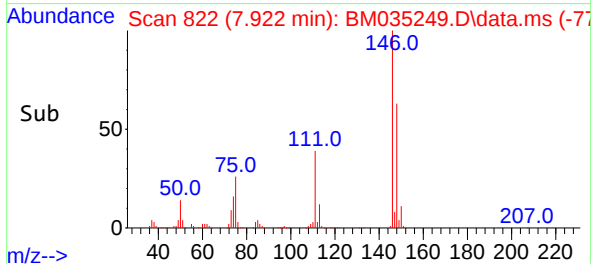
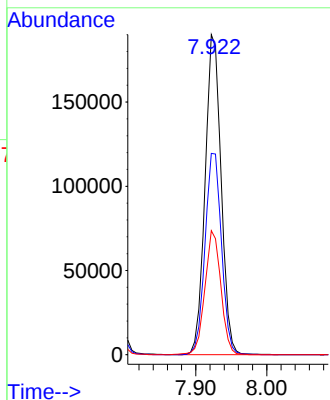
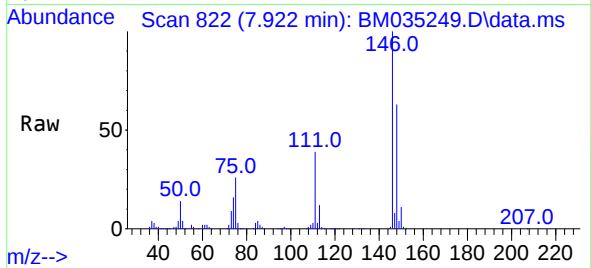




#13  
1,4-Dichlorobenzene  
Concen: 48.938 ng  
RT: 7.922 min Scan# 811  
Delta R.T. 0.000 min  
Lab File: BM035249.D  
Acq: 25 May 2022 19:46

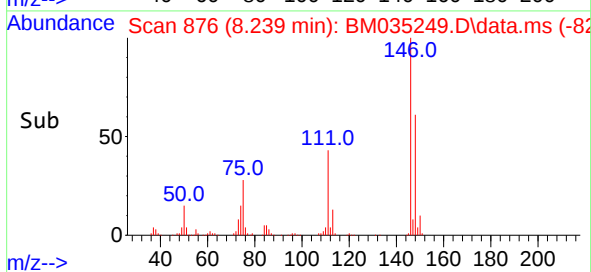
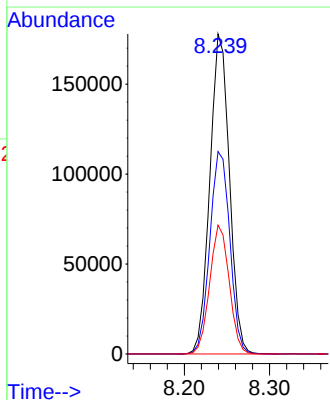
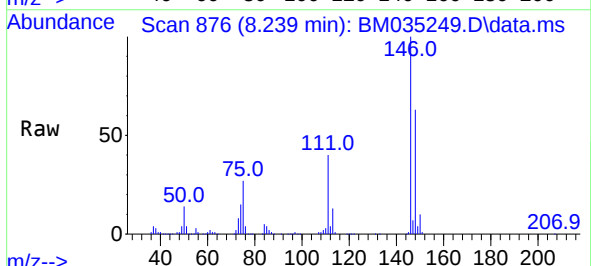
Instrument :  
BNA\_M  
ClientSampleId :  
P024-SS001-2430-01MSD

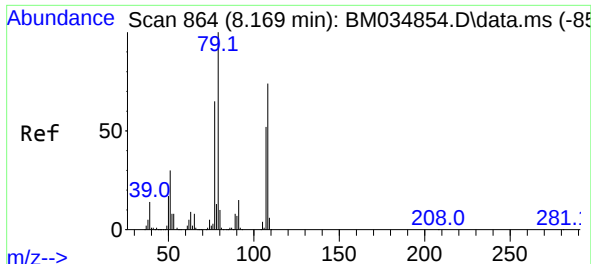
Tgt Ion:146 Resp: 298230  
Ion Ratio Lower Upper  
146 100  
148 62.9 51.5 77.3  
111 38.7 32.5 48.7



#14  
1,2-Dichlorobenzene  
Concen: 48.931 ng  
RT: 8.239 min Scan# 876  
Delta R.T. 0.000 min  
Lab File: BM035249.D  
Acq: 25 May 2022 19:46

Tgt Ion:146 Resp: 283886  
Ion Ratio Lower Upper  
146 100  
148 63.3 50.7 76.1  
111 40.2 33.9 50.9

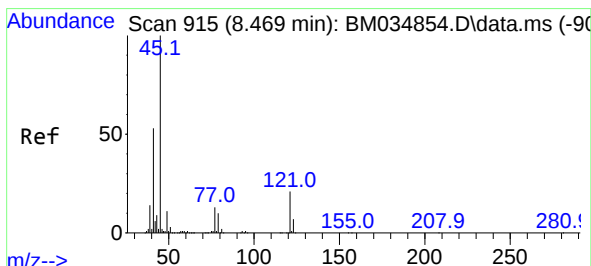
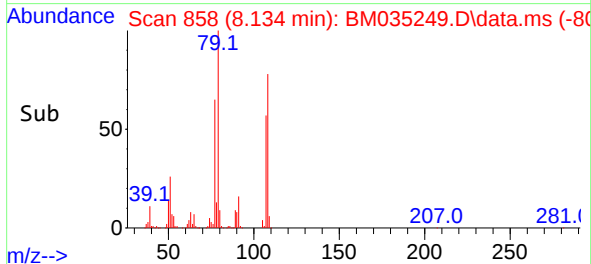
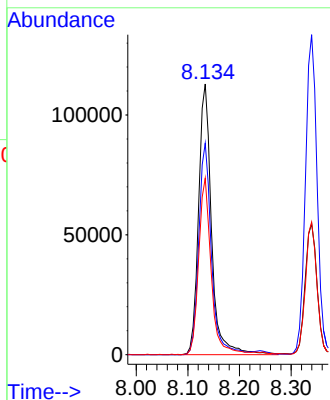
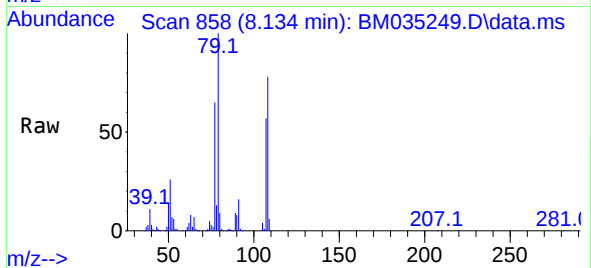




#15  
Benzyl Alcohol  
Concen: 43.274 ng  
RT: 8.134 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BM035249.D  
Acq: 25 May 2022 19:46

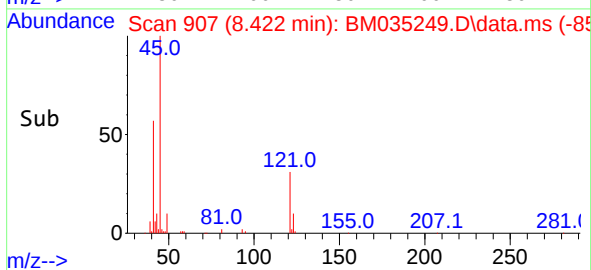
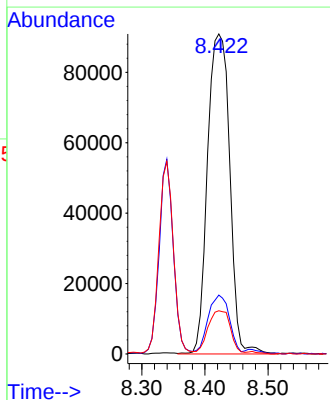
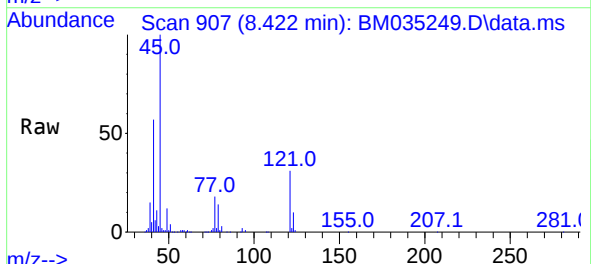
Instrument :  
BNA\_M  
ClientSampleId :  
P024-SS001-2430-01MSD

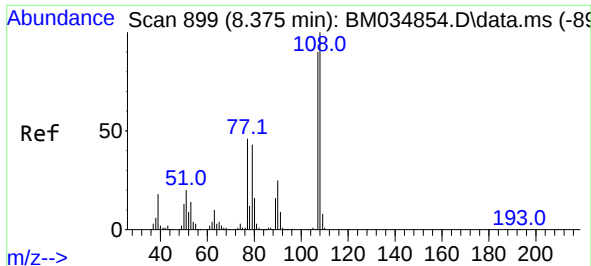
Tgt Ion: 79 Resp: 197181  
Ion Ratio Lower Upper  
79 100  
108 78.1 59.0 88.4  
77 65.2 52.2 78.4



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 29.253 ng  
RT: 8.422 min Scan# 907  
Delta R.T. 0.000 min  
Lab File: BM035249.D  
Acq: 25 May 2022 19:46

Tgt Ion: 45 Resp: 222546  
Ion Ratio Lower Upper  
45 100  
77 18.4 0.0 33.1  
79 13.5 0.0 30.5



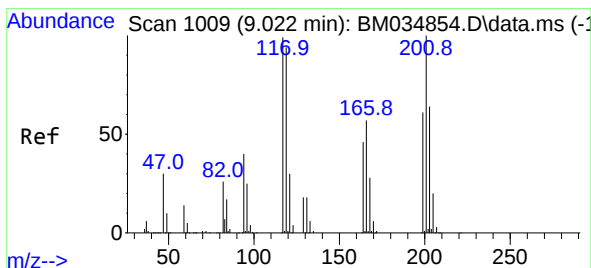
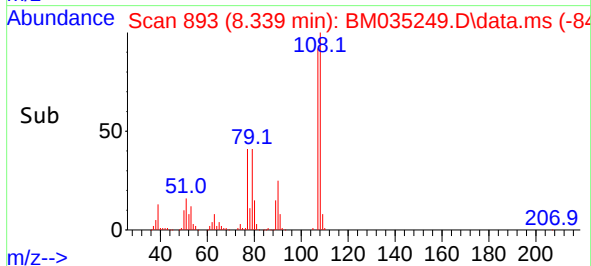
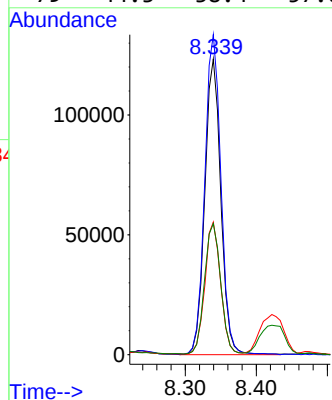
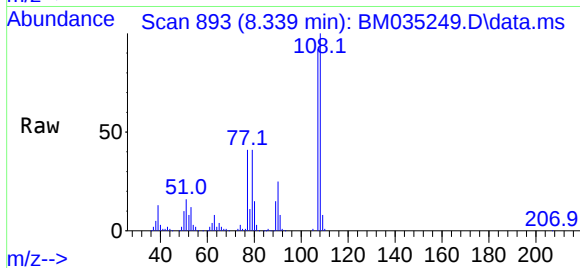


#17  
2-Methylphenol  
Concen: 45.871 ng  
RT: 8.339 min Scan# 89  
Delta R.T. 0.000 min  
Lab File: BM035249.D  
Acq: 25 May 2022 19:46

Instrument :  
BNA\_M  
ClientSampleId :  
P024-SS001-2430-01MSD

Tgt Ion:107 Resp: 194225

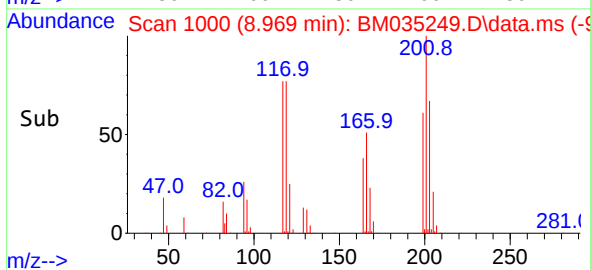
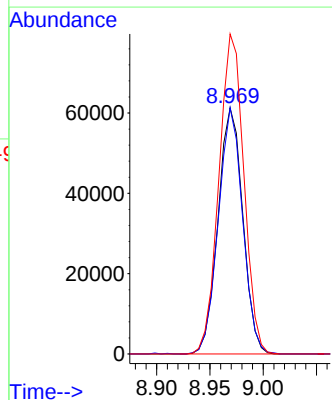
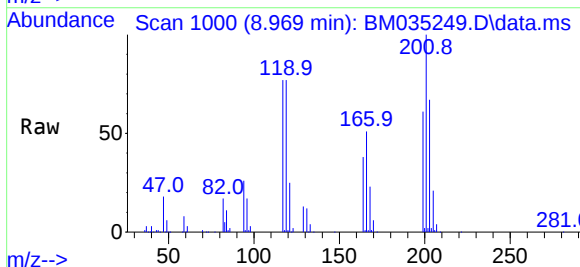
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 108.2 | 88.7  | 133.1 |
| 77  | 44.8  | 40.6  | 60.8  |
| 79  | 44.3  | 38.4  | 57.6  |

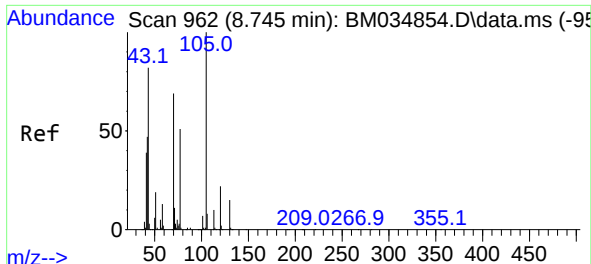


#18  
Hexachloroethane  
Concen: 44.269 ng  
RT: 8.969 min Scan# 1000  
Delta R.T. 0.000 min  
Lab File: BM035249.D  
Acq: 25 May 2022 19:46

Tgt Ion:117 Resp: 99019

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 100.0 | 75.8  | 113.6 |
| 201 | 130.0 | 81.0  | 121.4 |

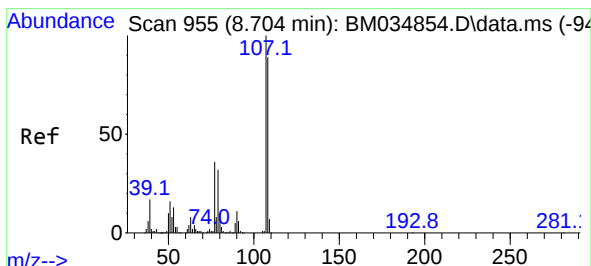
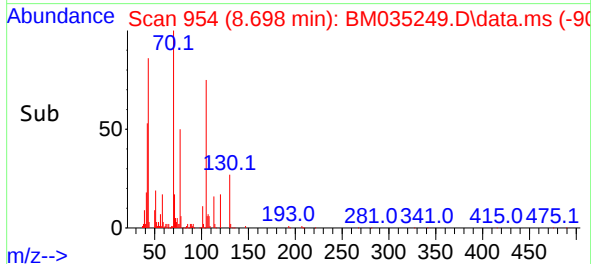
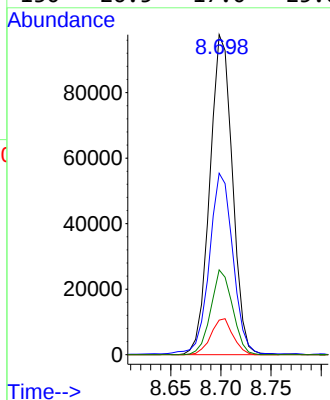
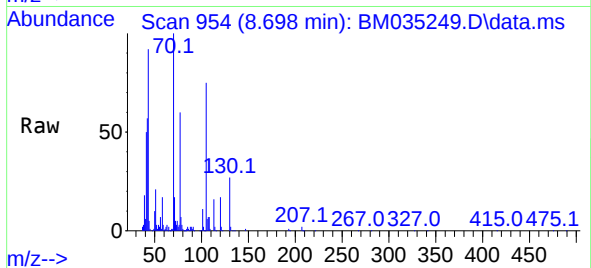




#19  
n-Nitroso-di-n-propylamine  
Concen: 38.356 ng  
RT: 8.698 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BM035249.D  
Acq: 25 May 2022 19:46

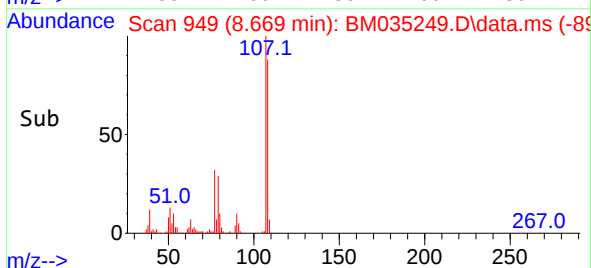
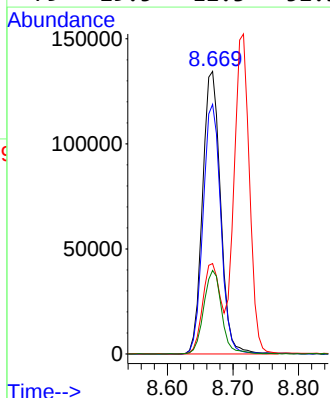
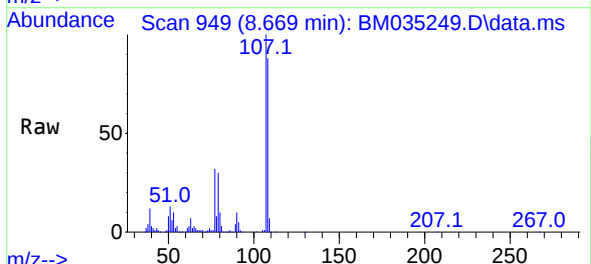
Instrument :  
BNA\_M  
ClientSampleId :  
P024-SS001-2430-01MSD

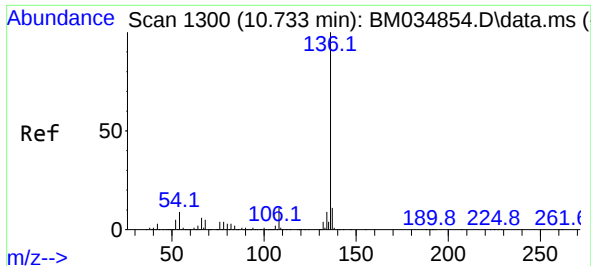
Tgt Ion: 70 Resp: 153102  
Ion Ratio Lower Upper  
70 100  
42 56.7 55.4 83.2  
101 10.8 7.8 11.6  
130 26.5 17.0 25.6#



#20  
3+4-Methylphenols  
Concen: 44.372 ng  
RT: 8.669 min Scan# 949  
Delta R.T. 0.000 min  
Lab File: BM035249.D  
Acq: 25 May 2022 19:46

Tgt Ion: 107 Resp: 257065  
Ion Ratio Lower Upper  
107 100  
108 88.3 69.3 109.3  
77 32.0 15.8 55.8  
79 29.5 12.3 52.3



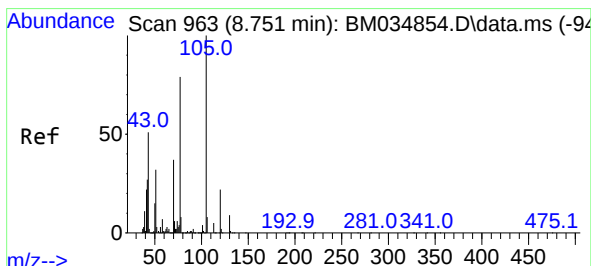
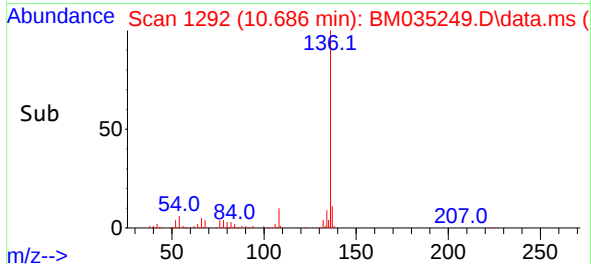
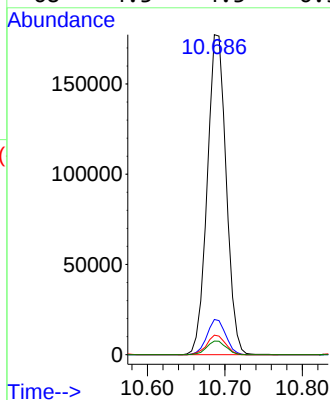
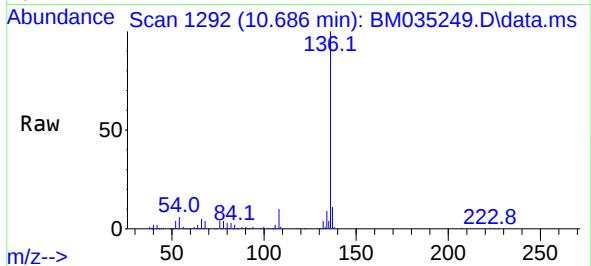


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.686 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BM035249.D  
Acq: 25 May 2022 19:46

Instrument :  
BNA\_M  
ClientSampleId :  
P024-SS001-2430-01MSD

Tgt Ion:136 Resp: 300829

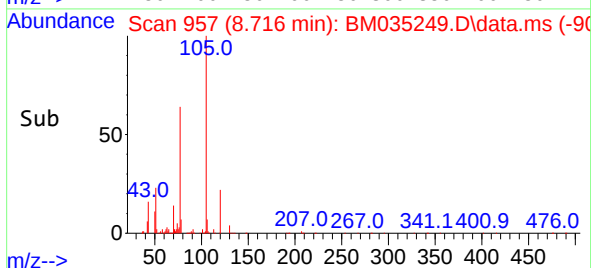
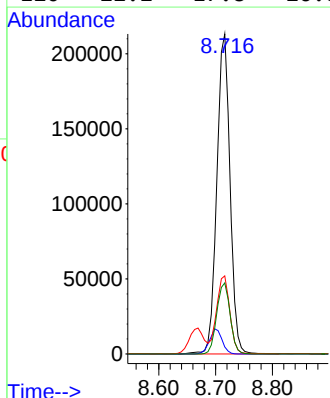
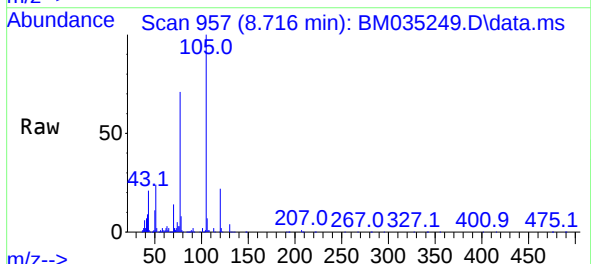
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.0  | 8.9   | 13.3  |
| 54  | 6.1   | 7.0   | 10.4# |
| 68  | 4.3   | 4.3   | 6.5#  |

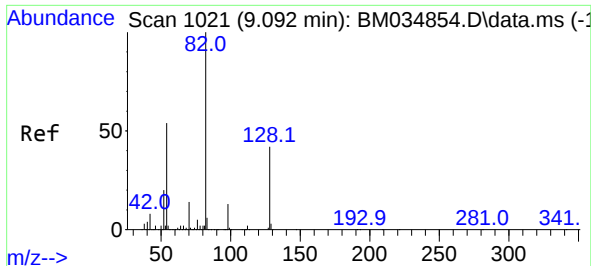


#22  
Acetophenone  
Concen: 47.162 ng  
RT: 8.716 min Scan# 957  
Delta R.T. 0.000 min  
Lab File: BM035249.D  
Acq: 25 May 2022 19:46

Tgt Ion:105 Resp: 343606

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 2.2   | 5.0   | 7.4#  |
| 51  | 24.4  | 25.6  | 38.4# |
| 120 | 22.2  | 17.8  | 26.8  |

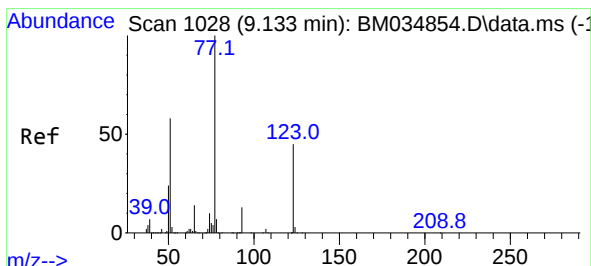
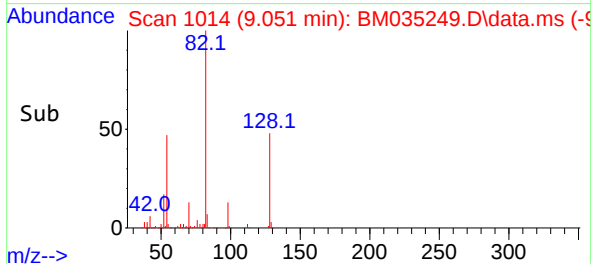
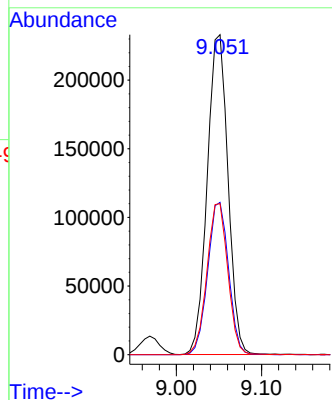
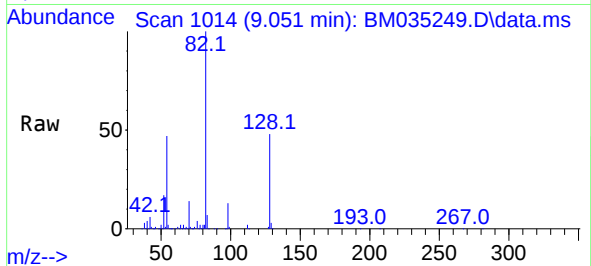




#23  
Nitrobenzene-d5  
Concen: 70.921 ng  
RT: 9.051 min Scan# 1014  
Delta R.T. 0.000 min  
Lab File: BM035249.D  
Acq: 25 May 2022 19:46

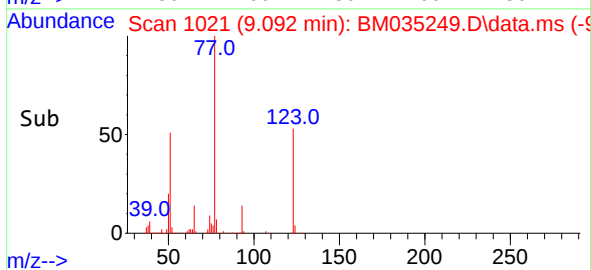
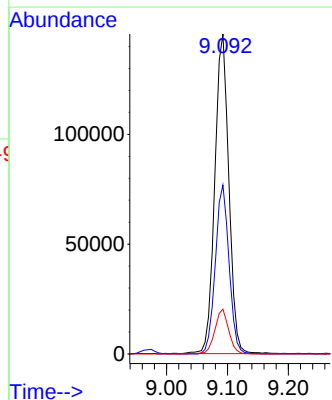
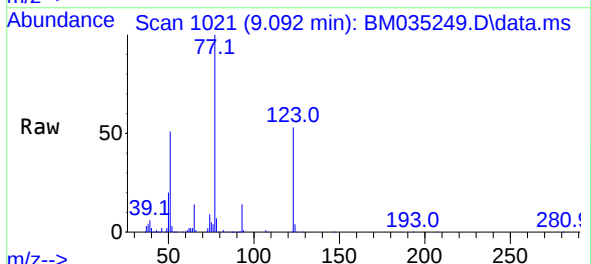
Instrument :  
BNA\_M  
ClientSampleId :  
P024-SS001-2430-01MSD

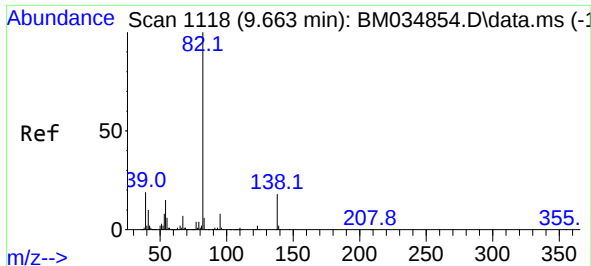
Tgt Ion: 82 Resp: 395083  
Ion Ratio Lower Upper  
82 100  
128 47.6 33.7 50.5  
54 47.2 43.2 64.8



#24  
Nitrobenzene  
Concen: 41.591 ng  
RT: 9.092 min Scan# 1021  
Delta R.T. 0.000 min  
Lab File: BM035249.D  
Acq: 25 May 2022 19:46

Tgt Ion: 77 Resp: 233063  
Ion Ratio Lower Upper  
77 100  
123 52.8 36.2 54.4  
65 14.0 11.4 17.0

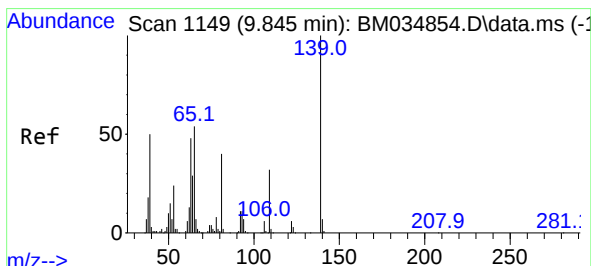
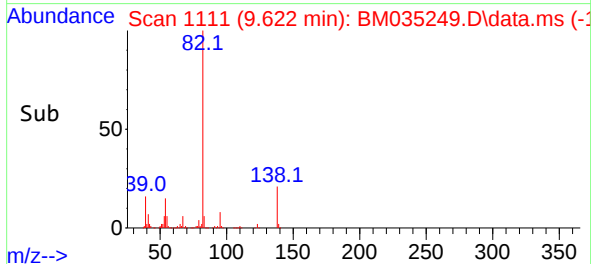
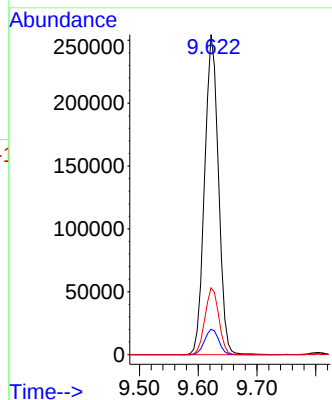
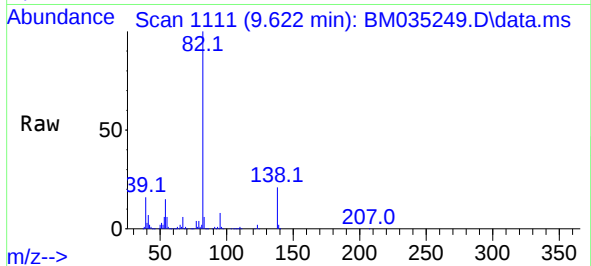




#25  
Isophorone  
Concen: 44.596 ng  
RT: 9.622 min Scan# 1111  
Delta R.T. -0.006 min  
Lab File: BM035249.D  
Acq: 25 May 2022 19:46

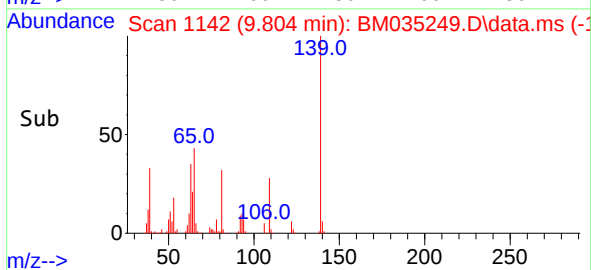
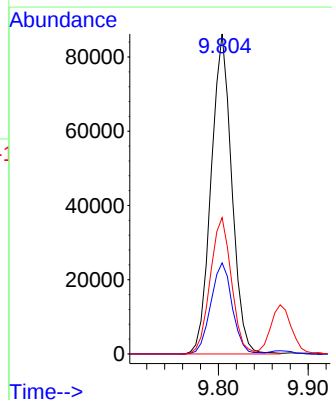
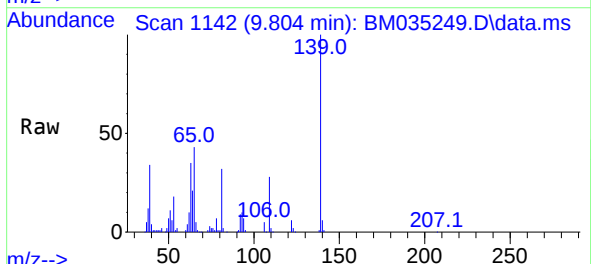
Instrument :  
BNA\_M  
ClientSampleId :  
P024-SS001-2430-01MSD

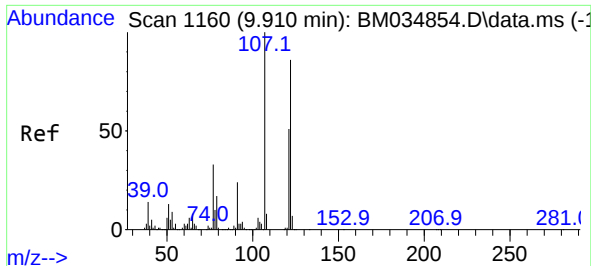
Tgt Ion: 82 Resp: 415367  
Ion Ratio Lower Upper  
82 100  
95 8.0 6.4 9.6  
138 20.9 14.2 21.4



#26  
2-Nitrophenol  
Concen: 56.305 ng  
RT: 9.804 min Scan# 1142  
Delta R.T. 0.000 min  
Lab File: BM035249.D  
Acq: 25 May 2022 19:46

Tgt Ion: 139 Resp: 137680  
Ion Ratio Lower Upper  
139 100  
109 28.5 25.6 38.4  
65 42.6 43.2 64.8#





#27

2,4-Dimethylphenol

Concen: 57.124 ng

RT: 9.869 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BM035249.D

Acq: 25 May 2022 19:46

Instrument :

BNA\_M

ClientSampleId :

P024-SS001-2430-01MSD

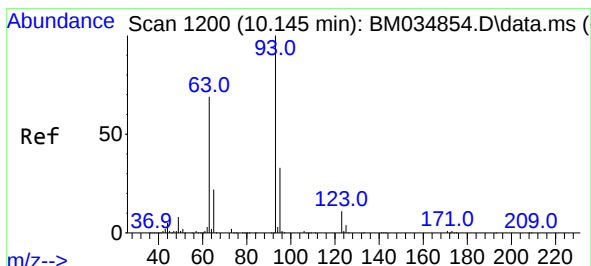
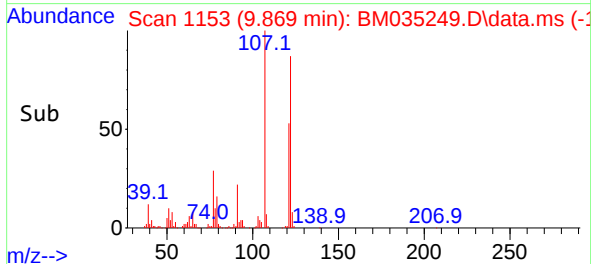
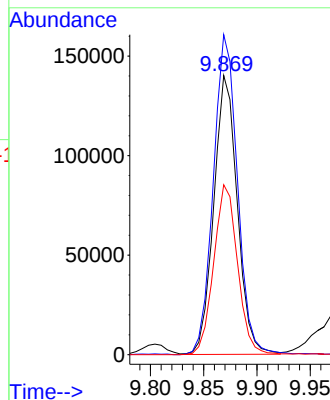
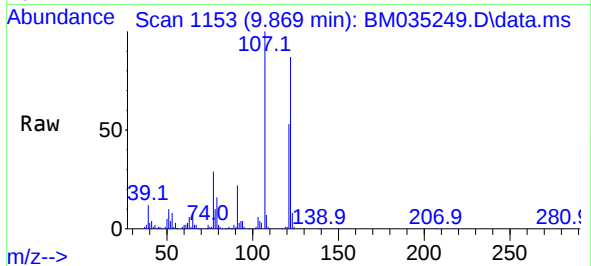
Tgt Ion:122 Resp: 215397

Ion Ratio Lower Upper

122 100

107 114.6 92.4 138.6

121 60.9 47.4 71.0



#28

bis(2-Chloroethoxy)methane

Concen: 48.459 ng

RT: 10.104 min Scan# 1193

Delta R.T. 0.000 min

Lab File: BM035249.D

Acq: 25 May 2022 19:46

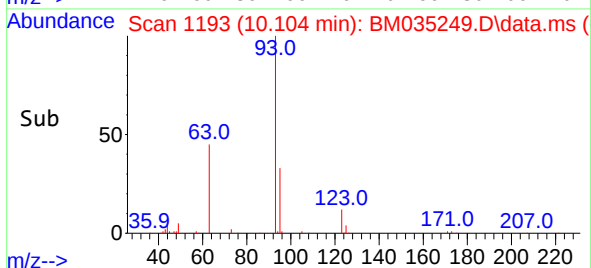
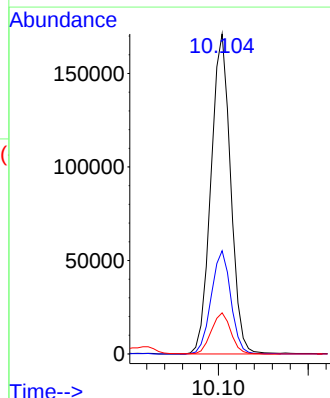
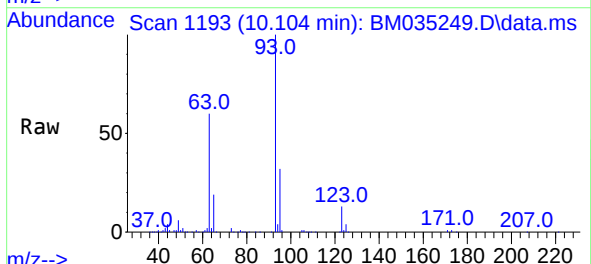
Tgt Ion: 93 Resp: 259747

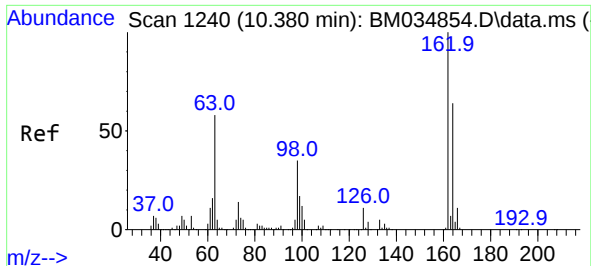
Ion Ratio Lower Upper

93 100

95 32.3 26.1 39.1

123 12.8 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 55.443 ng

RT: 10.339 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM035249.D

Acq: 25 May 2022 19:46

Instrument :

BNA\_M

ClientSampleId :

P024-SS001-2430-01MSD

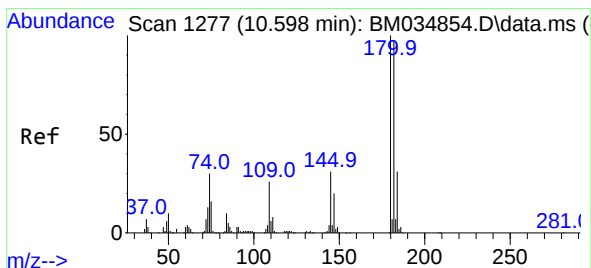
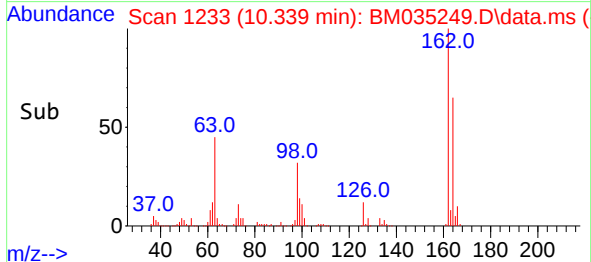
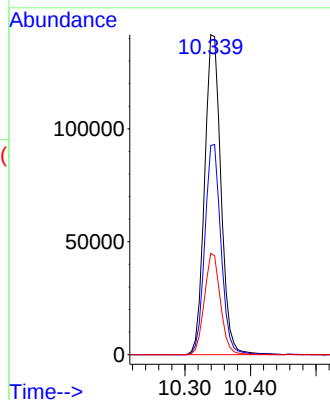
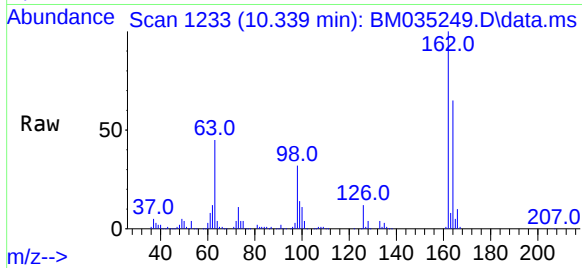
Tgt Ion:162 Resp: 246482

Ion Ratio Lower Upper

162 100

164 65.4 44.2 84.2

98 31.7 15.0 55.0



#30

1,2,4-Trichlorobenzene

Concen: 56.627 ng

RT: 10.557 min Scan# 1270

Delta R.T. 0.000 min

Lab File: BM035249.D

Acq: 25 May 2022 19:46

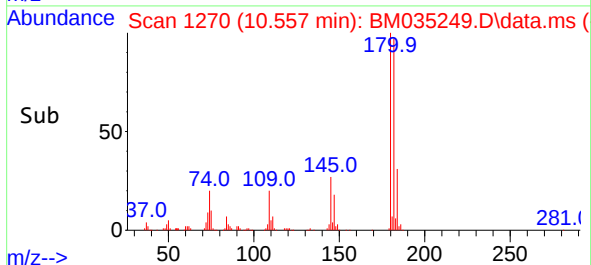
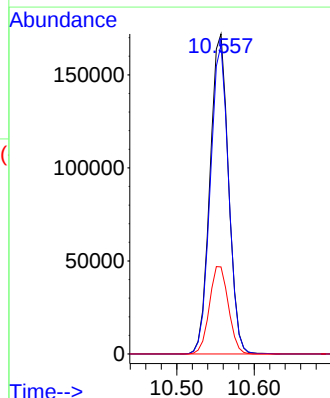
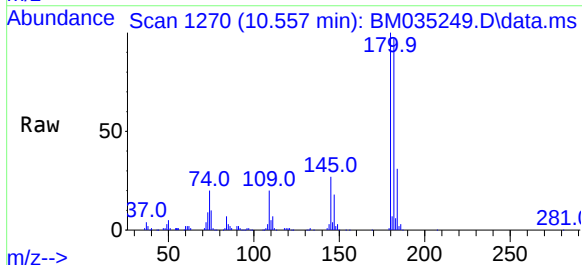
Tgt Ion:180 Resp: 284950

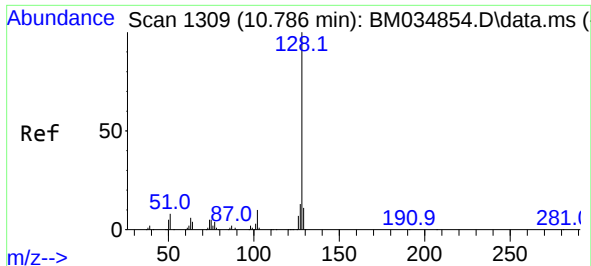
Ion Ratio Lower Upper

180 100

182 96.6 77.9 116.9

145 27.2 25.0 37.6

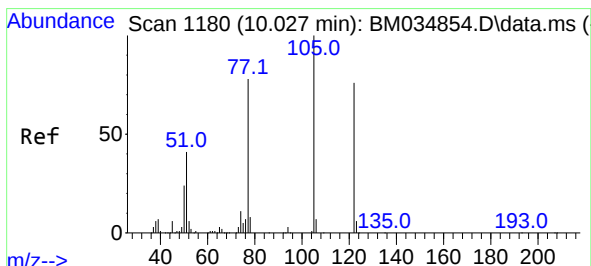
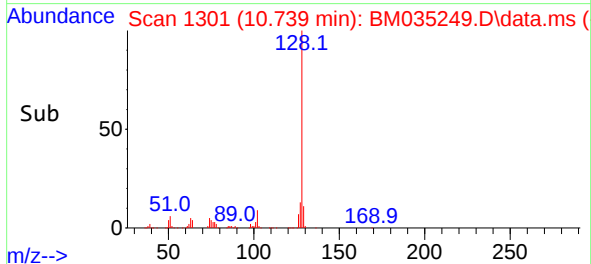
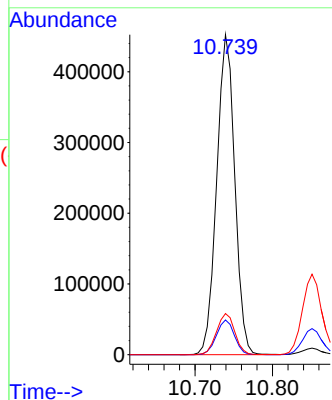
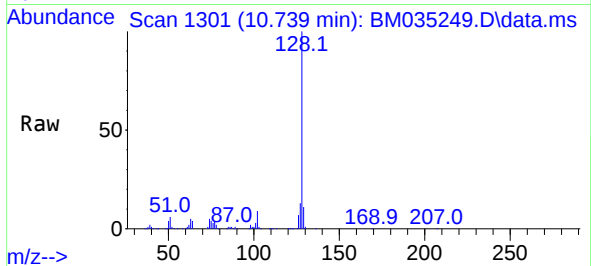




#31  
Naphthalene  
Concen: 47.196 ng  
RT: 10.739 min Scan# 1178  
Delta R.T. 0.000 min  
Lab File: BM035249.D  
Acq: 25 May 2022 19:46

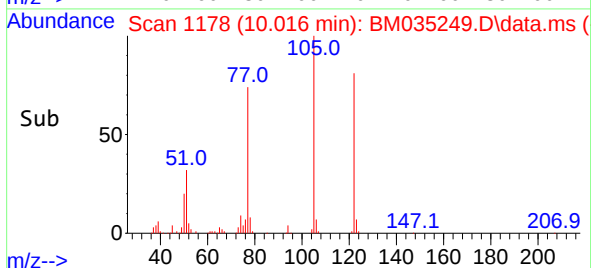
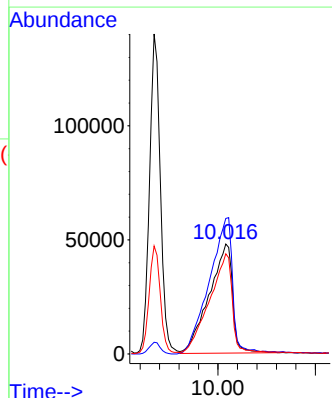
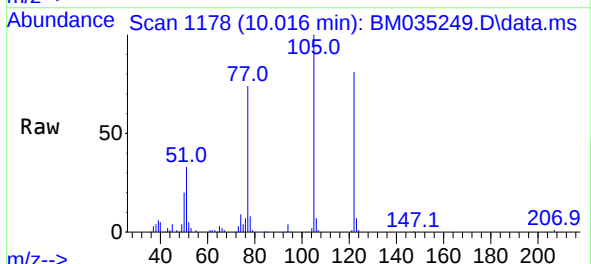
Instrument :  
BNA\_M  
ClientSampleId :  
P024-SS001-2430-01MSD

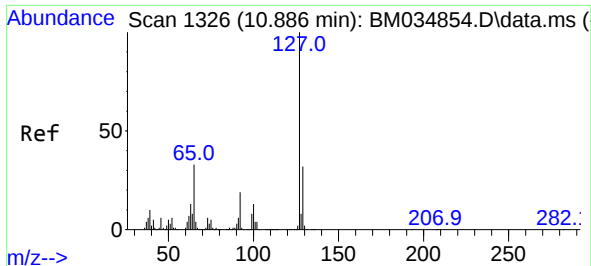
Tgt Ion:128 Resp: 732418  
Ion Ratio Lower Upper  
128 100  
129 10.8 8.7 13.1  
127 12.8 10.6 16.0



#32  
Benzoic acid  
Concen: 52.822 ng  
RT: 10.016 min Scan# 1178  
Delta R.T. -0.018 min  
Lab File: BM035249.D  
Acq: 25 May 2022 19:46

Tgt Ion:122 Resp: 159794  
Ion Ratio Lower Upper  
122 100  
105 123.2 105.7 145.7  
77 91.1 80.0 120.0

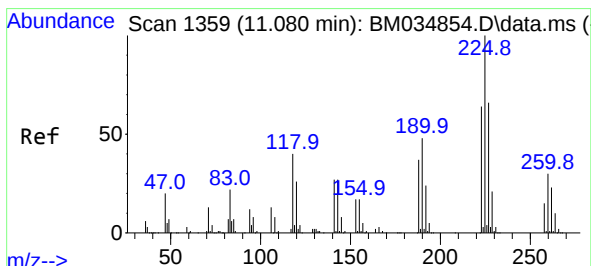
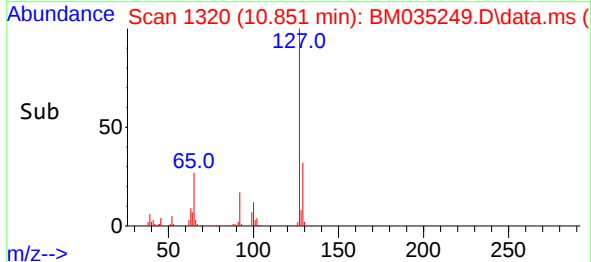
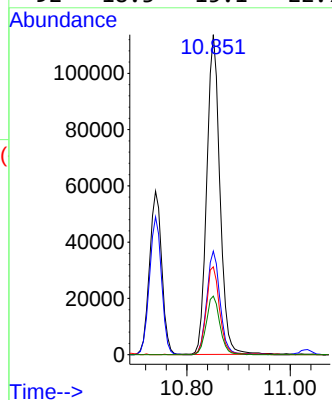
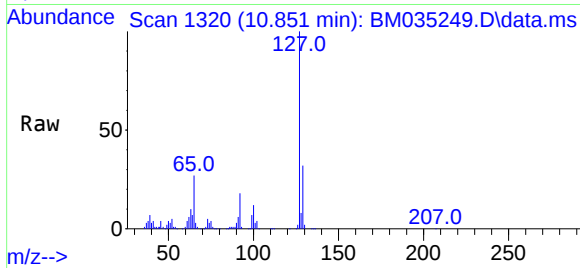




#33  
4-Chloroaniline  
Concen: 32.095 ng  
RT: 10.851 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BM035249.D  
Acq: 25 May 2022 19:46

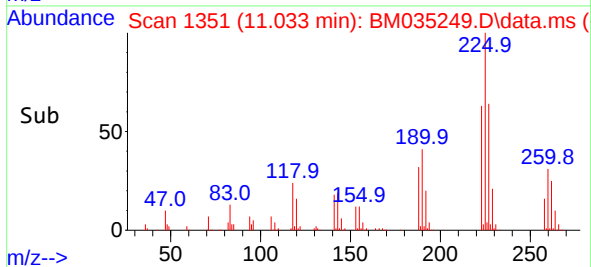
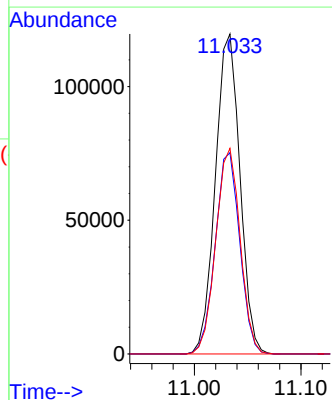
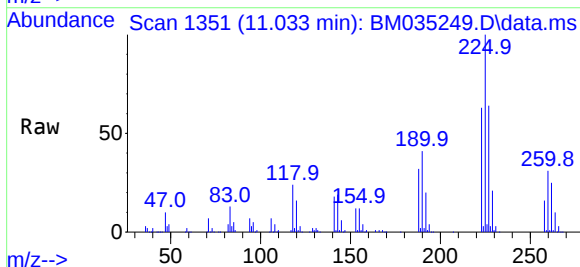
Instrument :  
BNA\_M  
ClientSampleId :  
P024-SS001-2430-01MSD

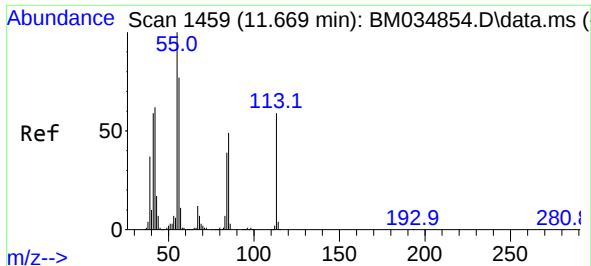
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 200351 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.4  | 25.7  | 38.5   |
| 65       | 27.5  | 26.6  | 40.0   |
| 92       | 18.3  | 15.1  | 22.7   |



#34  
Hexachlorobutadiene  
Concen: 61.712 ng  
RT: 11.033 min Scan# 1351  
Delta R.T. 0.000 min  
Lab File: BM035249.D  
Acq: 25 May 2022 19:46

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 191735 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.9  | 50.8  | 76.2   |
| 227      | 64.2  | 52.7  | 79.1   |

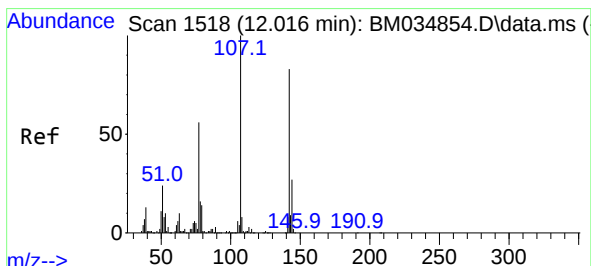
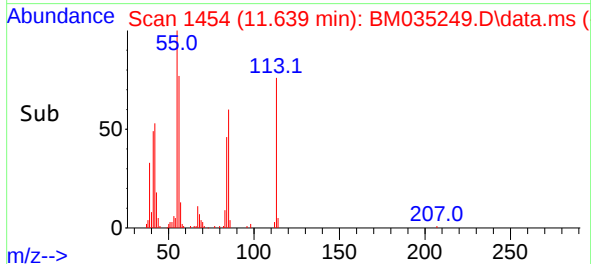
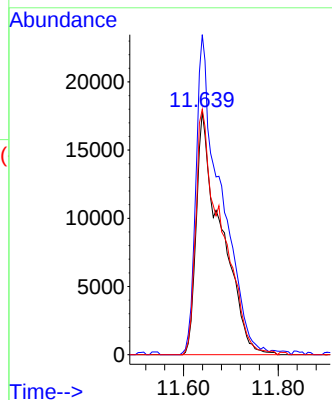
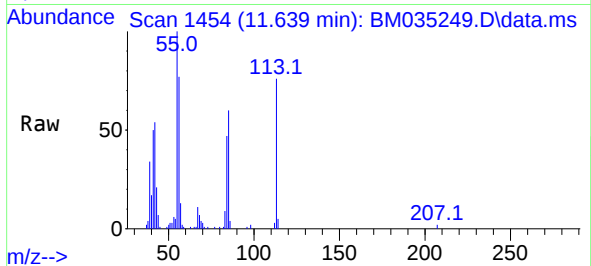




#35  
Caprolactam  
Concen: 50.094 ng  
RT: 11.639 min Scan# 1459  
Delta R.T. -0.012 min  
Lab File: BM035249.D  
Acq: 25 May 2022 19:46

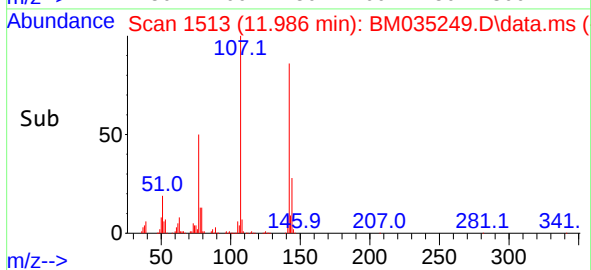
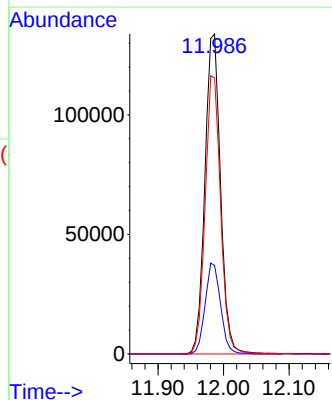
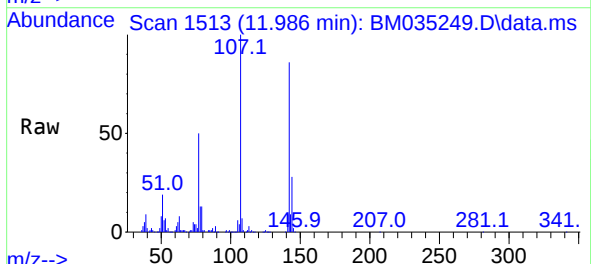
Instrument :  
BNA\_M  
ClientSampleId :  
P024-SS001-2430-01MSD

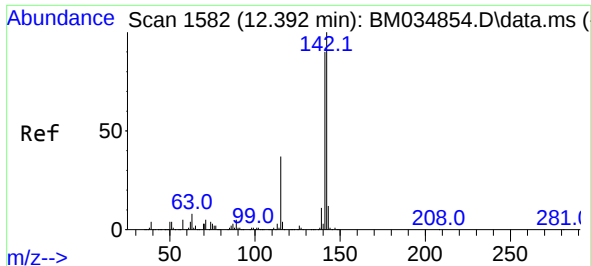
Tgt Ion:113 Resp: 64321  
Ion Ratio Lower Upper  
113 100  
55 131.6 150.1 190.1#  
56 101.0 111.7 151.7#



#36  
4-Chloro-3-methylphenol  
Concen: 48.270 ng  
RT: 11.986 min Scan# 1513  
Delta R.T. 0.000 min  
Lab File: BM035249.D  
Acq: 25 May 2022 19:46

Tgt Ion:107 Resp: 222060  
Ion Ratio Lower Upper  
107 100  
144 27.6 21.4 32.0  
142 86.3 66.7 100.1





#37

2-Methylnaphthalene

Concen: 48.118 ng

RT: 12.351 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM035249.D

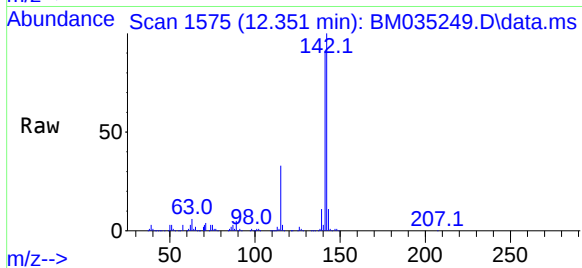
Acq: 25 May 2022 19:46

Instrument :

BNA\_M

ClientSampleId :

P024-SS001-2430-01MSD



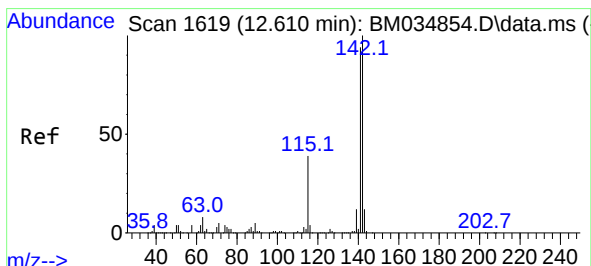
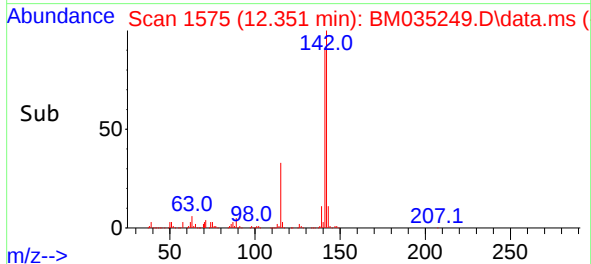
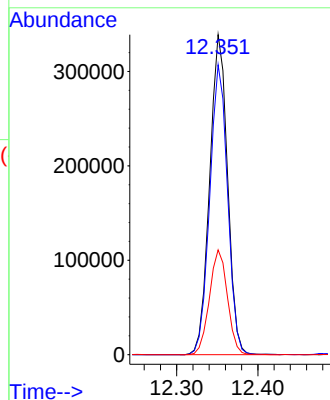
Tgt Ion:142 Resp: 517405

Ion Ratio Lower Upper

142 100

141 90.6 72.4 108.6

115 32.7 29.6 44.4



#38

1-Methylnaphthalene

Concen: 47.112 ng

RT: 12.569 min Scan# 1612

Delta R.T. -0.006 min

Lab File: BM035249.D

Acq: 25 May 2022 19:46

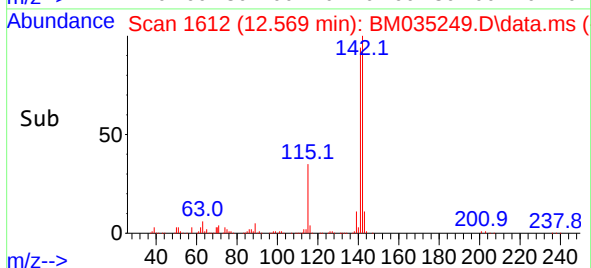
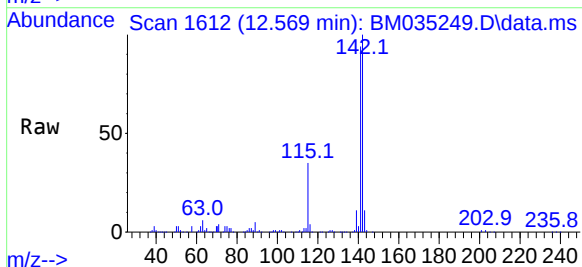
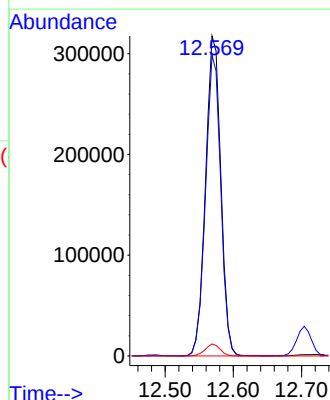
Tgt Ion:142 Resp: 494705

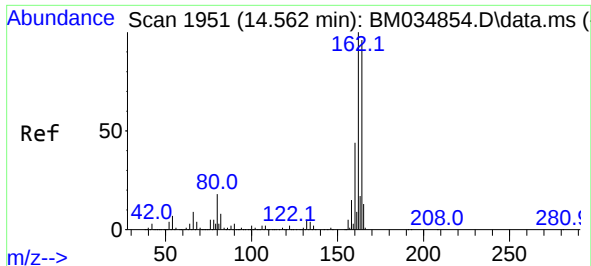
Ion Ratio Lower Upper

142 100

141 93.9 75.0 112.4

116 3.7 3.4 5.2

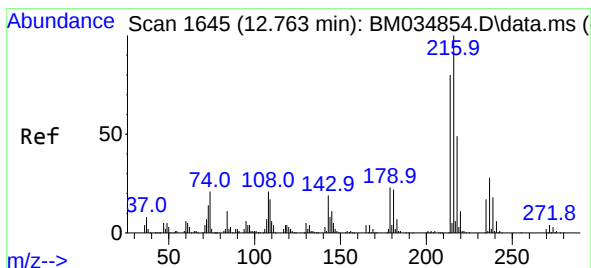
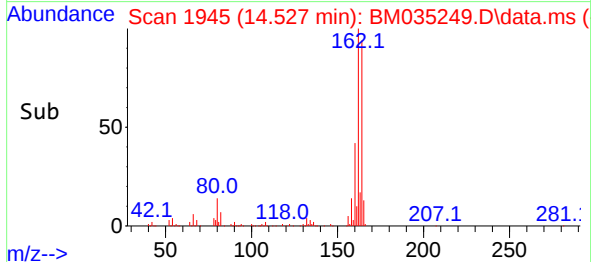
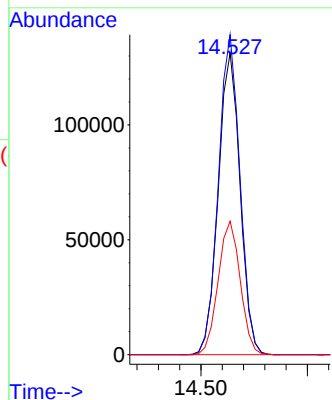
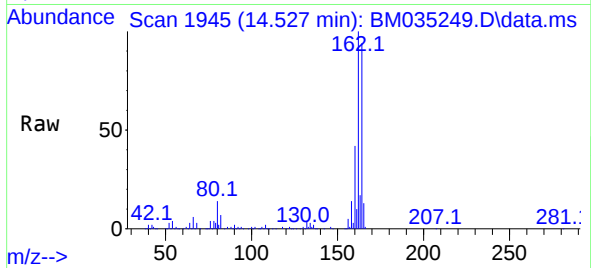




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.527 min Scan# 1951  
Delta R.T. 0.000 min  
Lab File: BM035249.D  
Acq: 25 May 2022 19:46

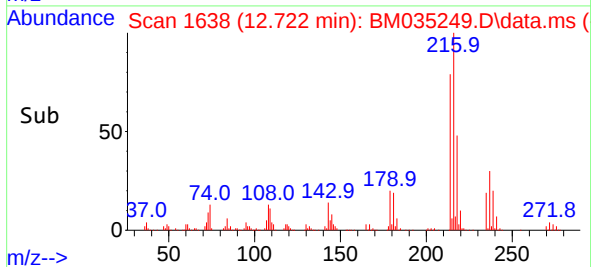
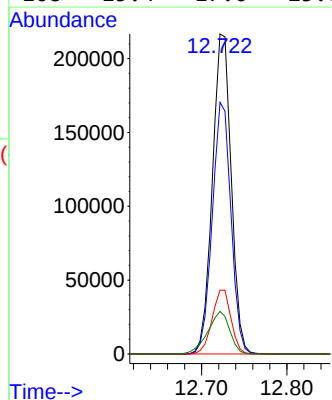
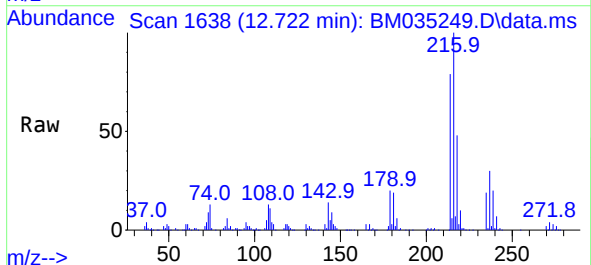
Instrument :  
BNA\_M  
ClientSampleId :  
P024-SS001-2430-01MSD

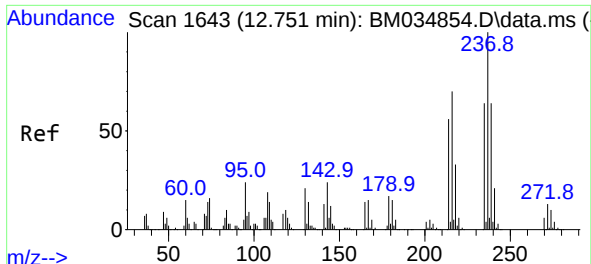
Tgt Ion:164 Resp: 186381  
Ion Ratio Lower Upper  
164 100  
162 106.0 83.0 124.6  
160 44.2 37.0 55.4



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 62.775 ng  
RT: 12.722 min Scan# 1638  
Delta R.T. 0.000 min  
Lab File: BM035249.D  
Acq: 25 May 2022 19:46

Tgt Ion:216 Resp: 333151  
Ion Ratio Lower Upper  
216 100  
214 78.0 62.6 94.0  
179 20.0 18.2 27.2  
108 15.4 17.0 25.6#

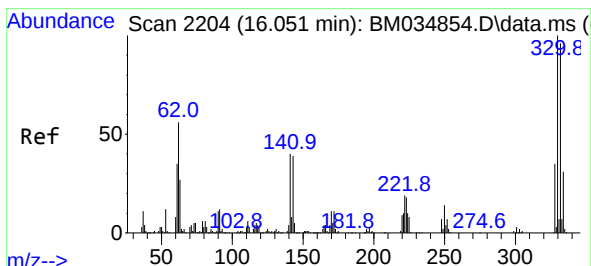
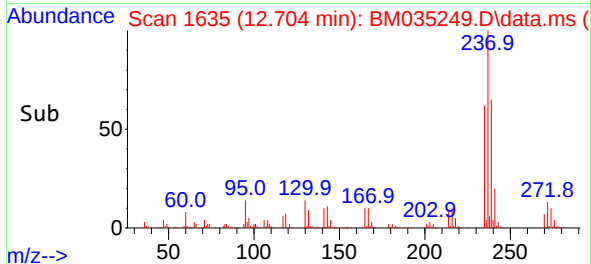
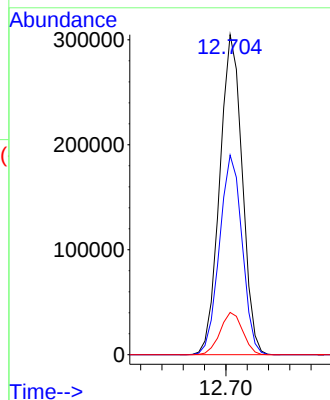
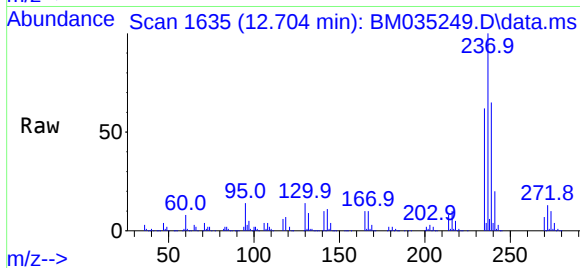




#41  
Hexachlorocyclopentadiene  
Concen: 140.468 ng  
RT: 12.704 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: BM035249.D  
Acq: 25 May 2022 19:46

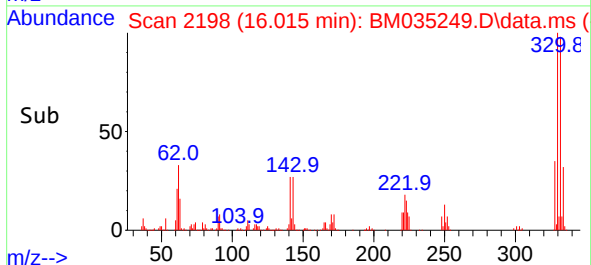
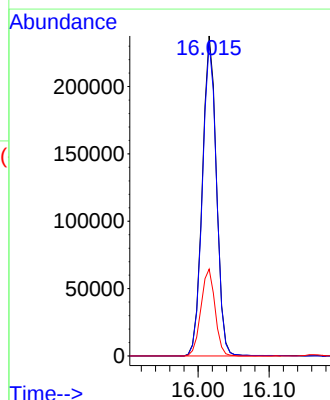
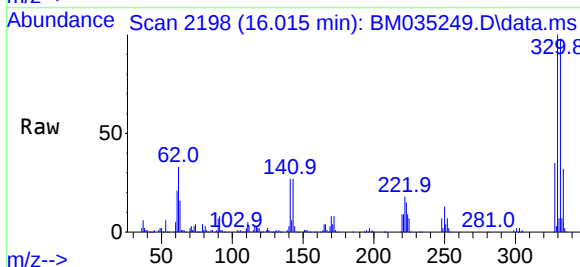
Instrument :  
BNA\_M  
ClientSampleId :  
P024-SS001-2430-01MSD

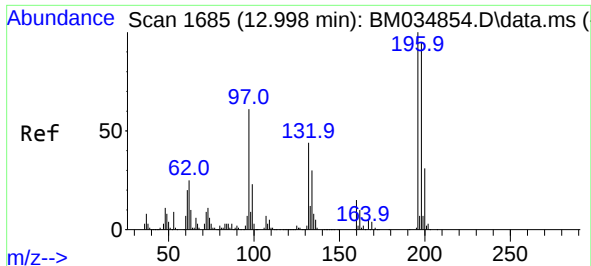
Tgt Ion:237 Resp: 446334  
Ion Ratio Lower Upper  
237 100  
235 62.4 43.8 83.8  
272 13.2 0.0 32.5



#42  
2,4,6-Tribromophenol  
Concen: 161.676 ng  
RT: 16.015 min Scan# 2198  
Delta R.T. 0.000 min  
Lab File: BM035249.D  
Acq: 25 May 2022 19:46

Tgt Ion:330 Resp: 327790  
Ion Ratio Lower Upper  
330 100  
332 97.6 77.0 115.4  
141 27.2 35.3 52.9#





#43

2,4,6-Trichlorophenol

Concen: 58.642 ng

RT: 12.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM035249.D

Acq: 25 May 2022 19:46

Instrument :

BNA\_M

ClientSampleId :

P024-SS001-2430-01MSD

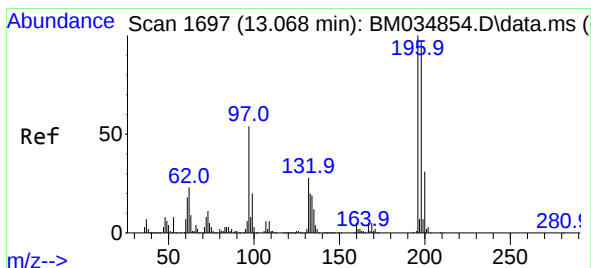
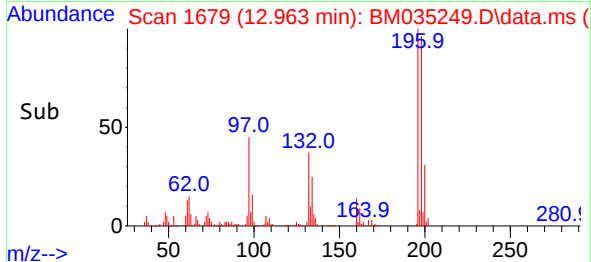
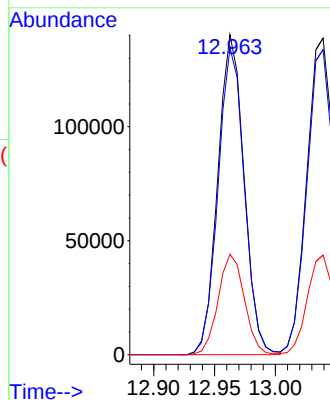
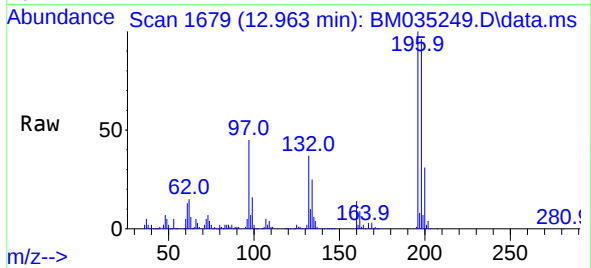
Tgt Ion:196 Resp: 210679

Ion Ratio Lower Upper

196 100

198 95.9 75.8 113.6

200 31.4 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 56.037 ng

RT: 13.039 min Scan# 1692

Delta R.T. 0.000 min

Lab File: BM035249.D

Acq: 25 May 2022 19:46

Tgt Ion:196 Resp: 223556

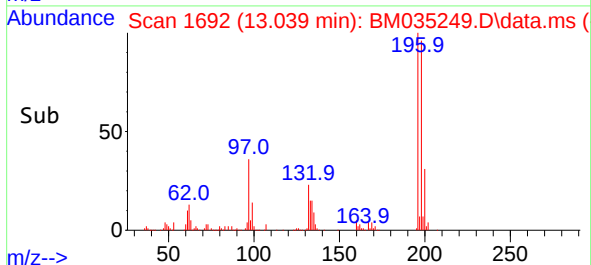
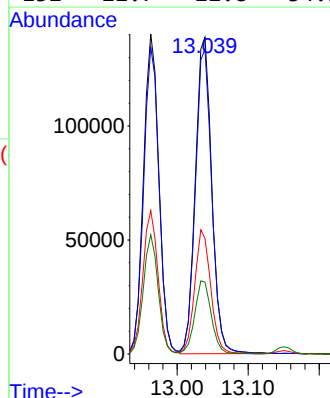
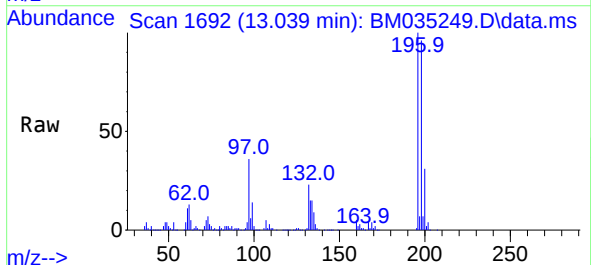
Ion Ratio Lower Upper

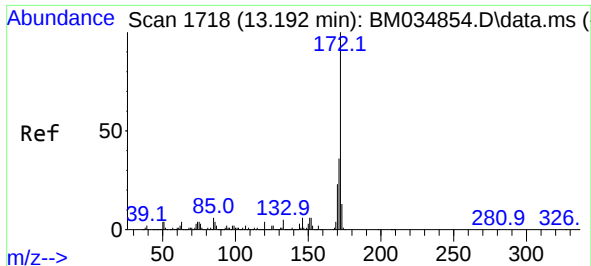
196 100

198 96.3 77.8 116.6

97 36.4 43.4 65.2#

132 22.7 22.8 34.2#



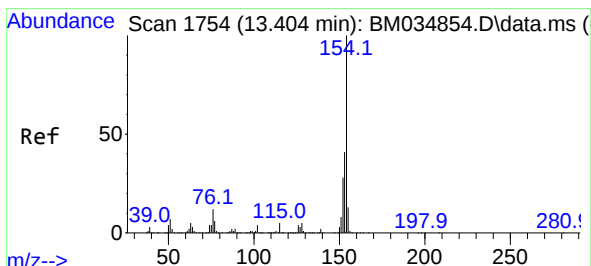
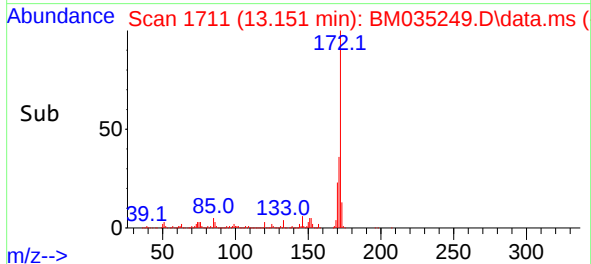
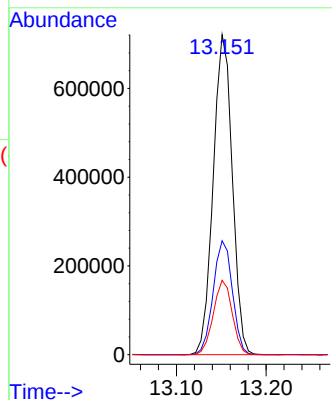
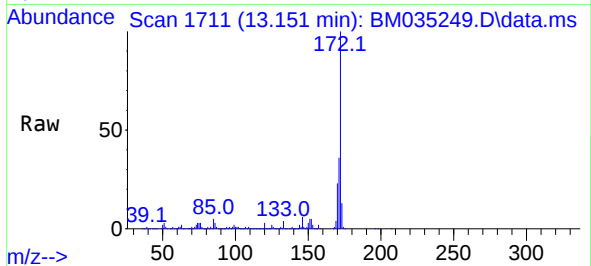


#45  
2-Fluorobiphenyl  
Concen: 83.030 ng  
RT: 13.151 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BM035249.D  
Acq: 25 May 2022 19:46

Instrument :  
BNA\_M  
ClientSampleId :  
P024-SS001-2430-01MSD

Tgt Ion:172 Resp: 1066028

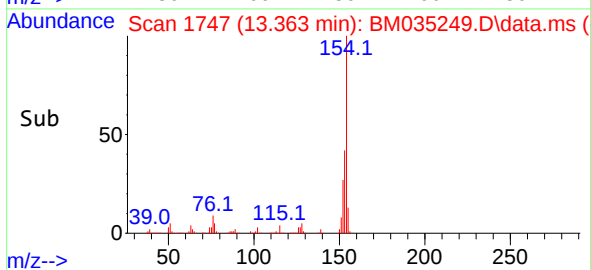
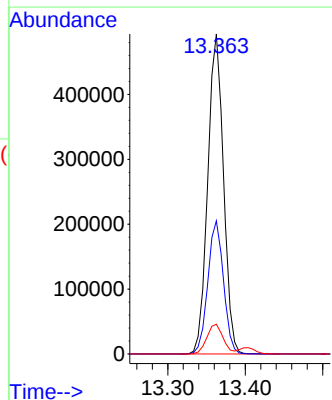
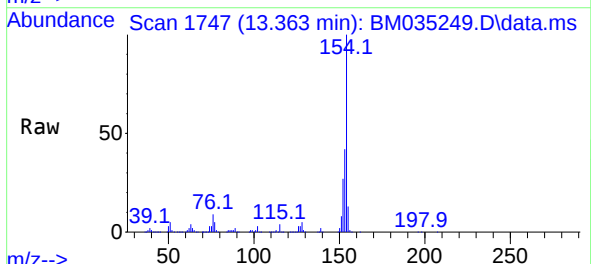
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 35.6  | 28.5  | 42.7  |
| 170 | 23.3  | 18.7  | 28.1  |

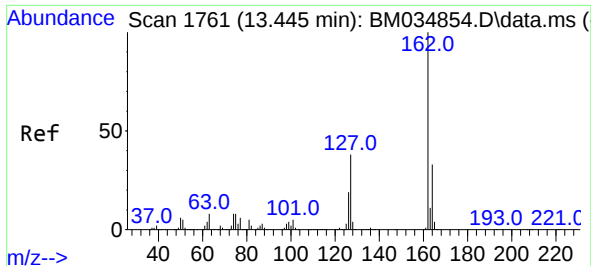


#46  
1,1'-Biphenyl  
Concen: 49.551 ng  
RT: 13.363 min Scan# 1747  
Delta R.T. 0.000 min  
Lab File: BM035249.D  
Acq: 25 May 2022 19:46

Tgt Ion:154 Resp: 695764

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 41.6  | 20.5  | 60.5  |
| 76  | 9.3   | 0.0   | 31.8  |





#47

2-Chloronaphthalene

Concen: 50.191 ng

RT: 13.404 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM035249.D

Acq: 25 May 2022 19:46

Instrument :

BNA\_M

ClientSampleId :

P024-SS001-2430-01MSD

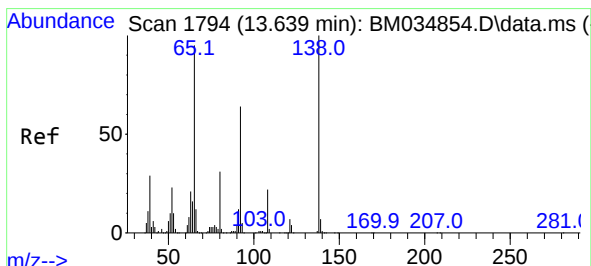
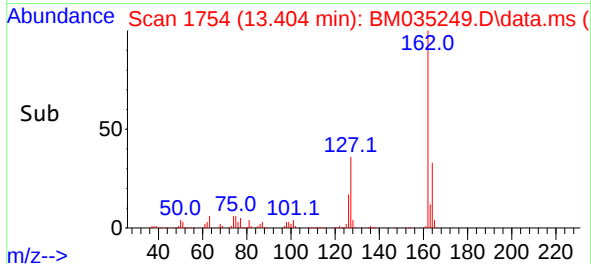
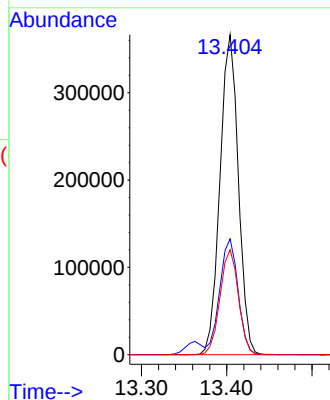
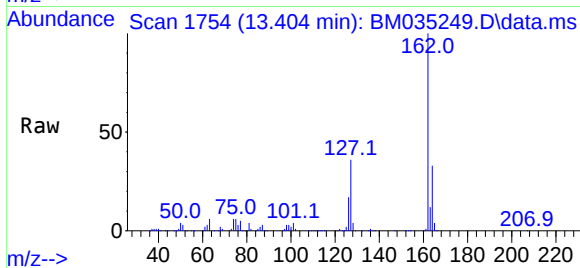
Tgt Ion:162 Resp: 549225

Ion Ratio Lower Upper

162 100

127 36.2 30.6 45.8

164 32.8 26.6 39.8



#48

2-Nitroaniline

Concen: 39.964 ng

RT: 13.604 min Scan# 1788

Delta R.T. -0.006 min

Lab File: BM035249.D

Acq: 25 May 2022 19:46

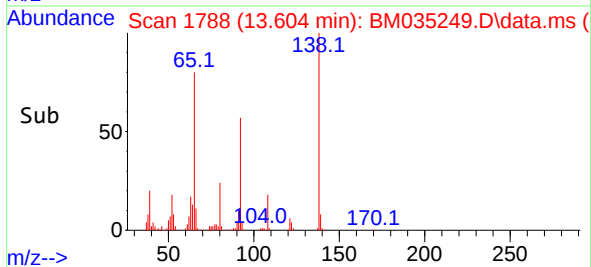
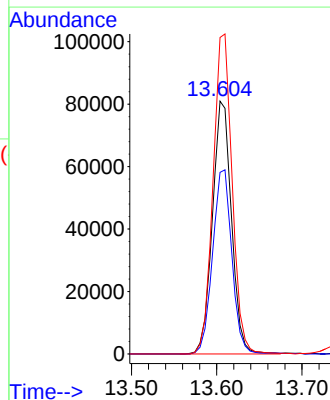
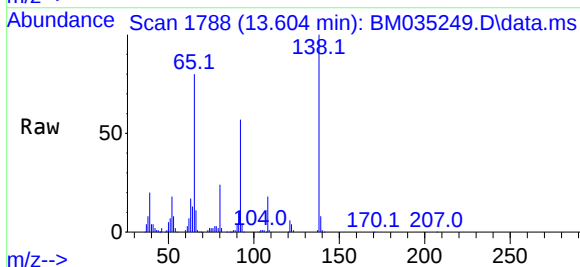
Tgt Ion: 65 Resp: 125800

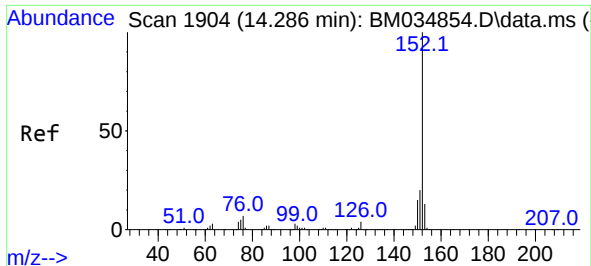
Ion Ratio Lower Upper

65 100

92 71.9 53.7 80.5

138 125.2 83.9 125.9

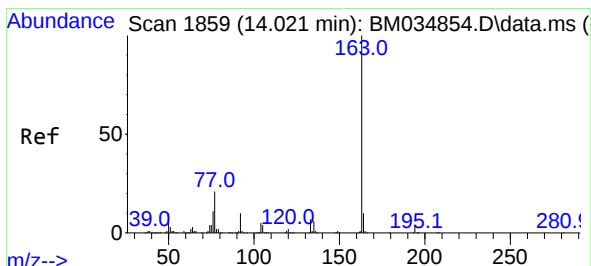
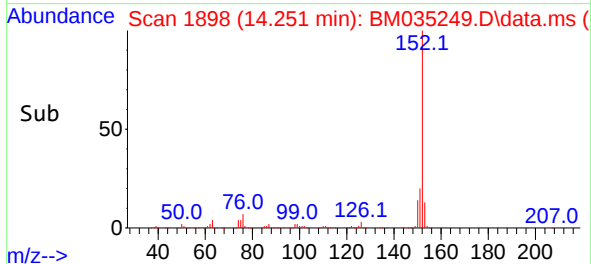
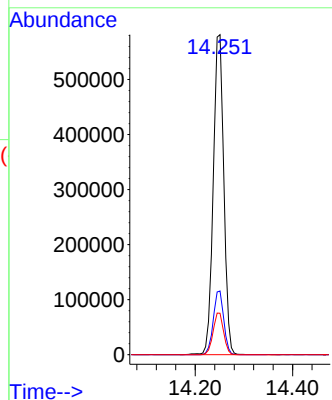
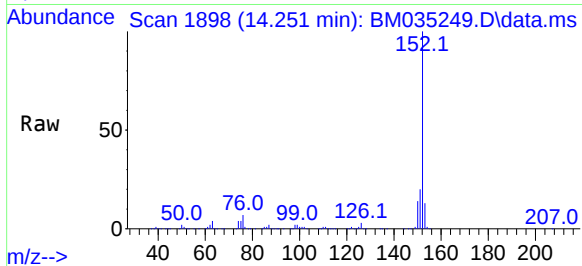




#49  
Acenaphthylene  
Concen: 51.581 ng  
RT: 14.251 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: BM035249.D  
Acq: 25 May 2022 19:46

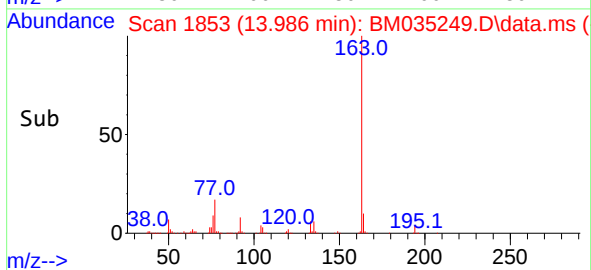
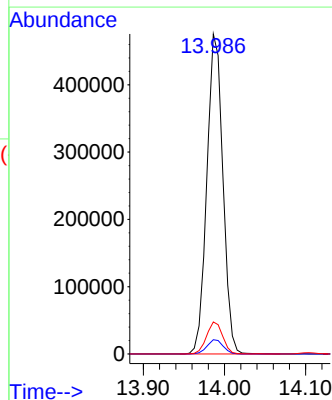
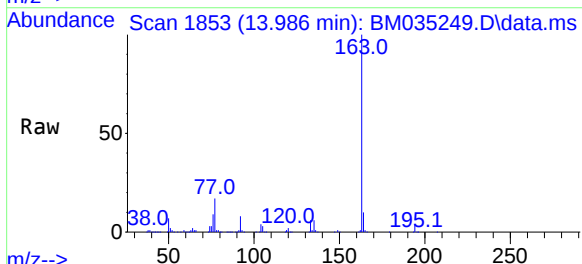
Instrument :  
BNA\_M  
ClientSampleId :  
P024-SS001-2430-01MSD

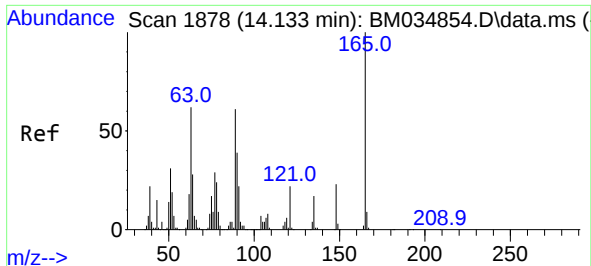
Tgt Ion:152 Resp: 869006  
Ion Ratio Lower Upper  
152 100  
151 19.9 16.2 24.2  
153 13.0 10.5 15.7



#50  
Dimethylphthalate  
Concen: 46.846 ng  
RT: 13.986 min Scan# 1853  
Delta R.T. -0.006 min  
Lab File: BM035249.D  
Acq: 25 May 2022 19:46

Tgt Ion:163 Resp: 650947  
Ion Ratio Lower Upper  
163 100  
194 4.5 3.0 4.4#  
164 10.0 8.4 12.6





#51

2,6-Dinitrotoluene

Concen: 52.359 ng

RT: 14.104 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM035249.D

Acq: 25 May 2022 19:46

Instrument :

BNA\_M

ClientSampleId :

P024-SS001-2430-01MSD

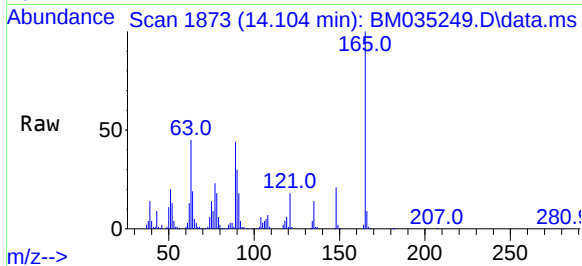
Tgt Ion:165 Resp: 148130

Ion Ratio Lower Upper

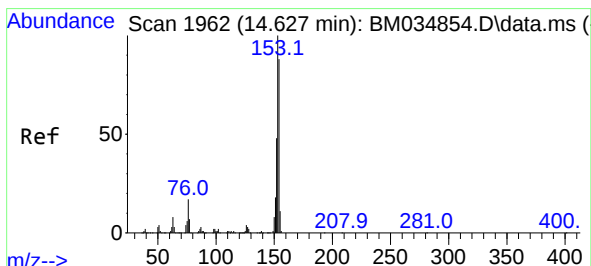
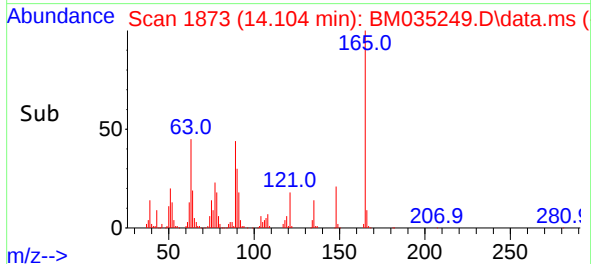
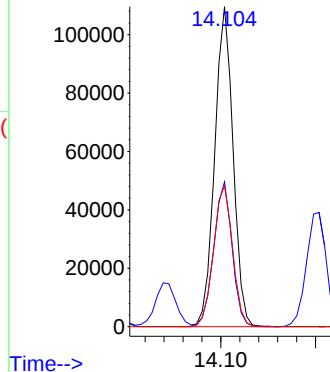
165 100

63 45.2 50.2 75.2#

89 43.9 48.4 72.6#



Abundance



#52

Acenaphthene

Concen: 43.259 ng

RT: 14.592 min Scan# 1956

Delta R.T. 0.000 min

Lab File: BM035249.D

Acq: 25 May 2022 19:46

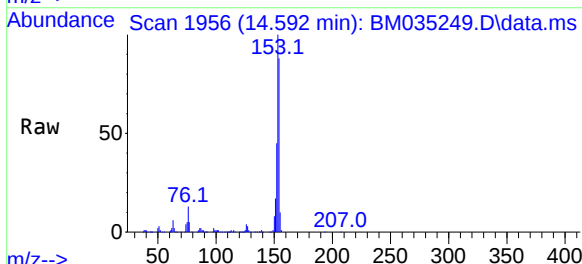
Tgt Ion:154 Resp: 493773

Ion Ratio Lower Upper

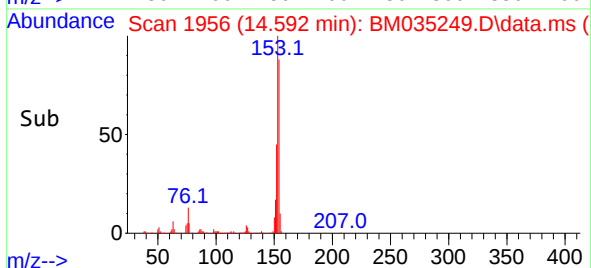
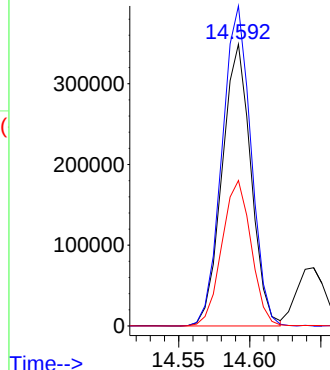
154 100

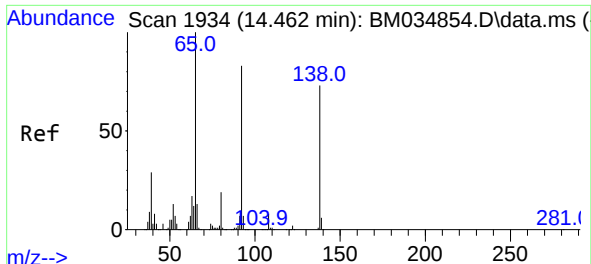
153 113.6 91.0 136.6

152 51.6 43.4 65.2



Abundance

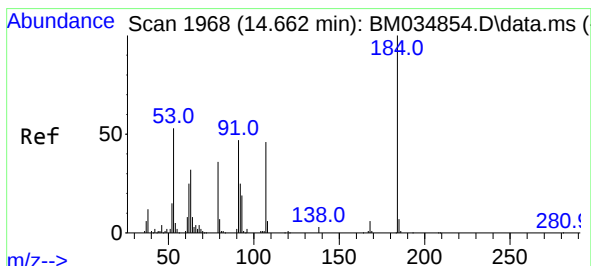
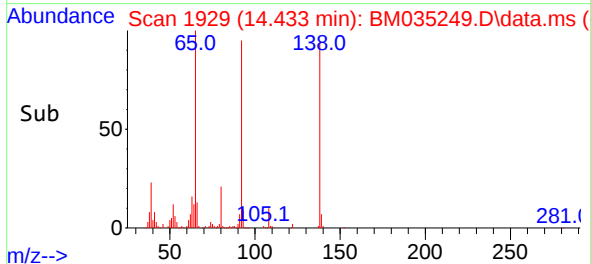
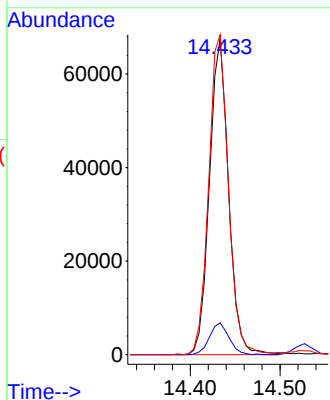
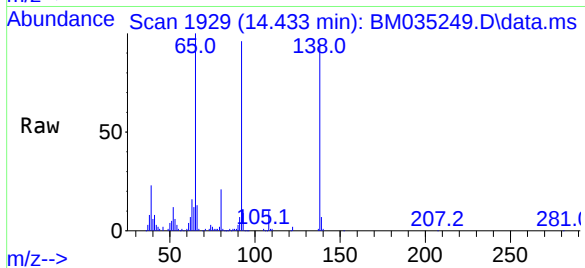




#53  
3-Nitroaniline  
Concen: 32.918 ng  
RT: 14.433 min Scan# 1929  
Delta R.T. 0.000 min  
Lab File: BM035249.D  
Acq: 25 May 2022 19:46

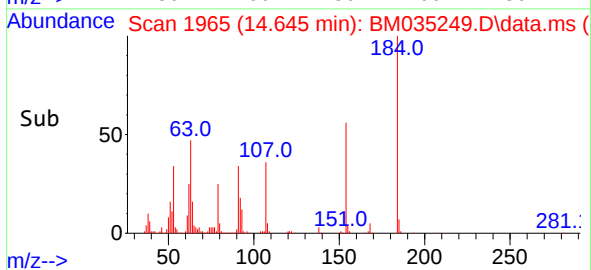
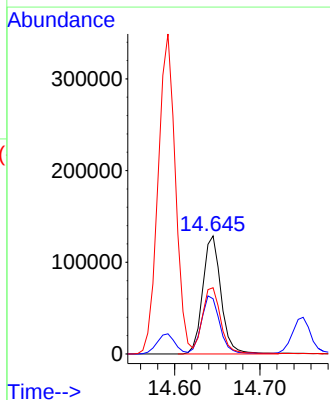
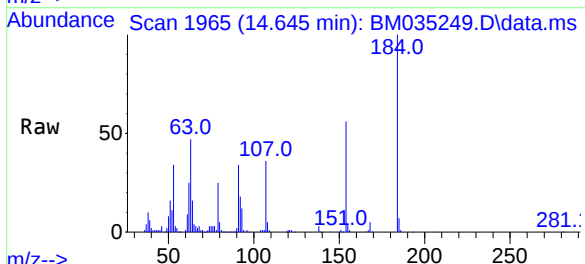
Instrument :  
BNA\_M  
ClientSampleId :  
P024-SS001-2430-01MSD

Tgt Ion:138 Resp: 99920  
Ion Ratio Lower Upper  
138 100  
108 10.1 8.7 13.1  
92 101.4 91.5 137.3



#54  
2,4-Dinitrophenol  
Concen: 115.392 ng  
RT: 14.645 min Scan# 1965  
Delta R.T. 0.000 min  
Lab File: BM035249.D  
Acq: 25 May 2022 19:46

Tgt Ion:184 Resp: 192022  
Ion Ratio Lower Upper  
184 100  
63 46.8 59.5 89.3#  
154 56.0 55.6 83.4

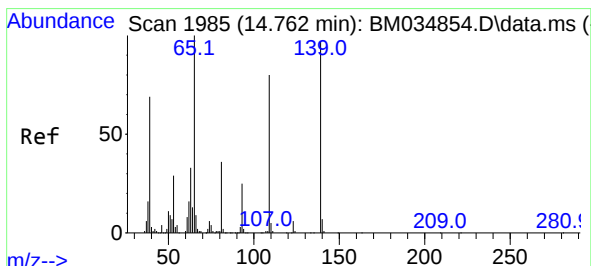
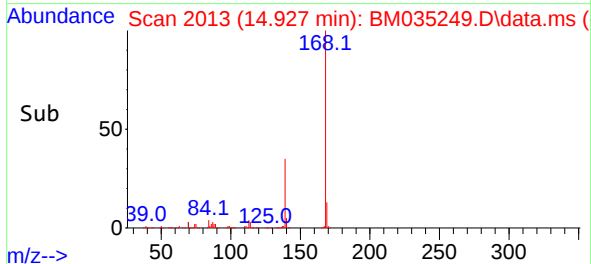
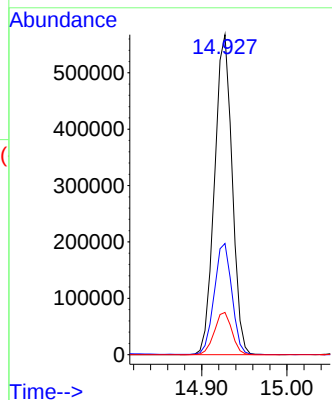
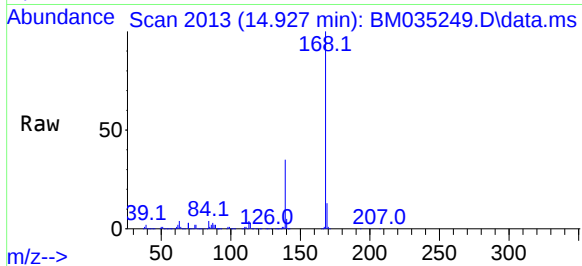




#55  
Dibenzenofuran  
Concen: 49.921 ng  
RT: 14.927 min Scan# 2019  
Delta R.T. 0.000 min  
Lab File: BM035249.D  
Acq: 25 May 2022 19:46

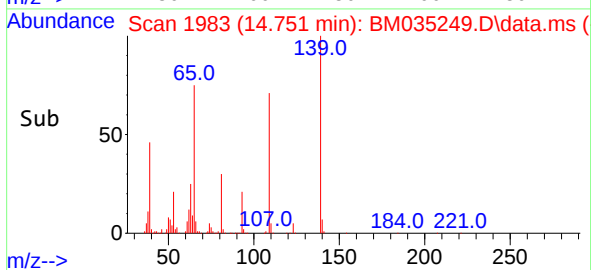
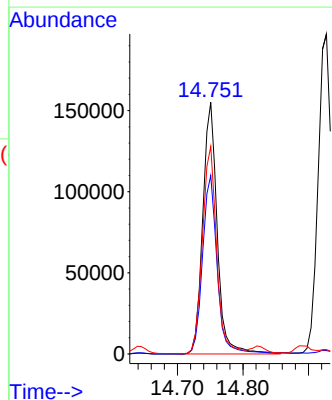
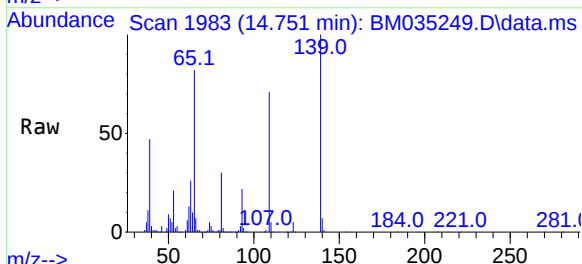
Instrument :  
BNA\_M  
ClientSampleId :  
P024-SS001-2430-01MSD

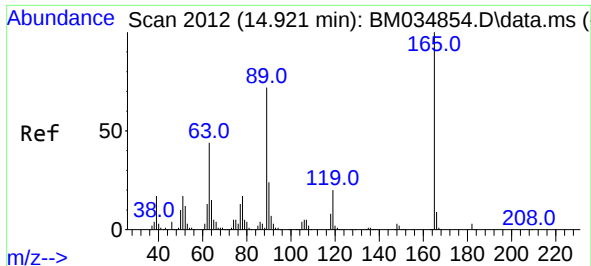
Tgt Ion:168 Resp: 813480  
Ion Ratio Lower Upper  
168 100  
139 34.7 32.2 48.2  
169 13.2 10.6 16.0



#56  
4-Nitrophenol  
Concen: 96.213 ng  
RT: 14.751 min Scan# 1983  
Delta R.T. 0.000 min  
Lab File: BM035249.D  
Acq: 25 May 2022 19:46

Tgt Ion:139 Resp: 238539  
Ion Ratio Lower Upper  
139 100  
109 70.9 62.5 102.5  
65 82.5 83.5 123.5#





#57

2,4-Dinitrotoluene

Concen: 52.785 ng

RT: 14.892 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BM035249.D

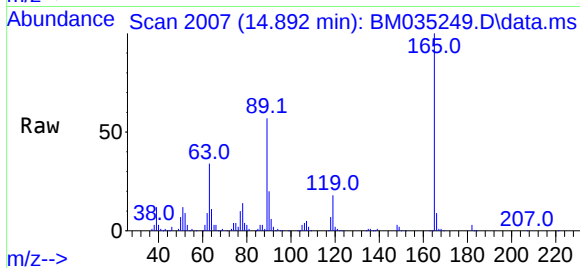
Acq: 25 May 2022 19:46

Instrument :

BNA\_M

ClientSampleId :

P024-SS001-2430-01MSD



Tgt Ion:165 Resp: 200172

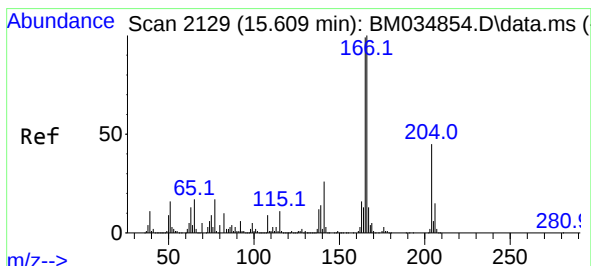
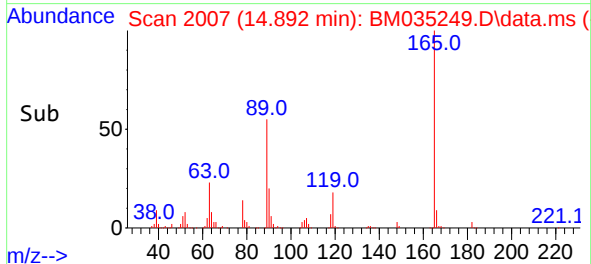
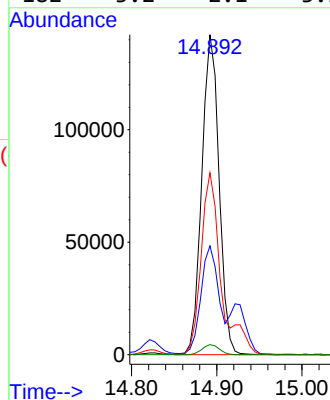
Ion Ratio Lower Upper

165 100

63 34.0 35.6 53.4#

89 56.9 57.3 85.9#

182 3.2 2.1 3.1#



#58

Fluorene

Concen: 47.772 ng

RT: 15.574 min Scan# 2123

Delta R.T. 0.000 min

Lab File: BM035249.D

Acq: 25 May 2022 19:46

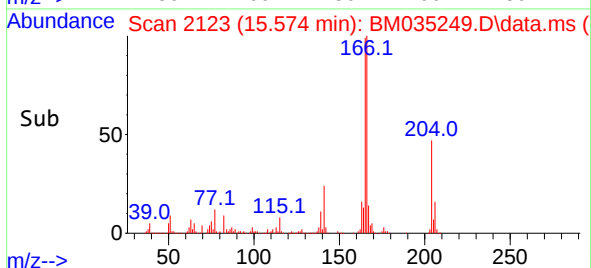
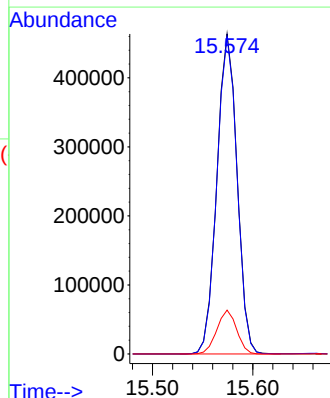
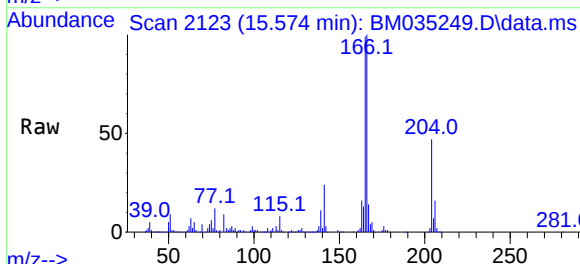
Tgt Ion:166 Resp: 646631

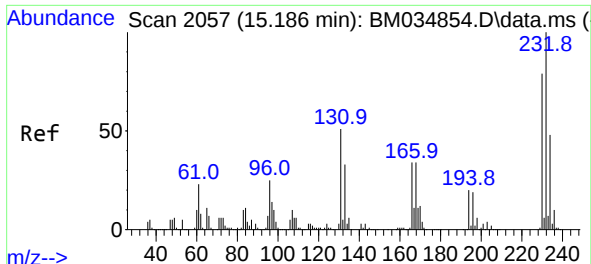
Ion Ratio Lower Upper

166 100

165 99.2 79.4 119.2

167 13.7 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 58.580 ng

RT: 15.157 min Scan# 20

Delta R.T. 0.000 min

Lab File: BM035249.D

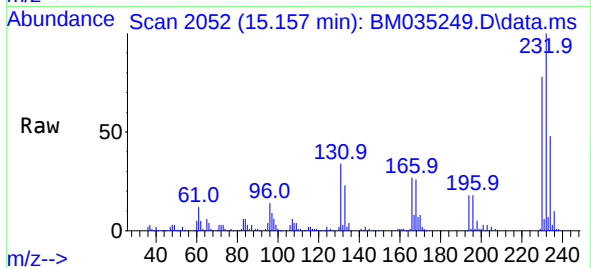
Acq: 25 May 2022 19:46

Instrument :

BNA\_M

ClientSampleId :

P024-SS001-2430-01MSD



Tgt Ion:232 Resp: 198680

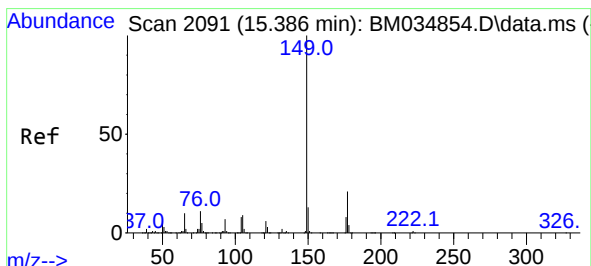
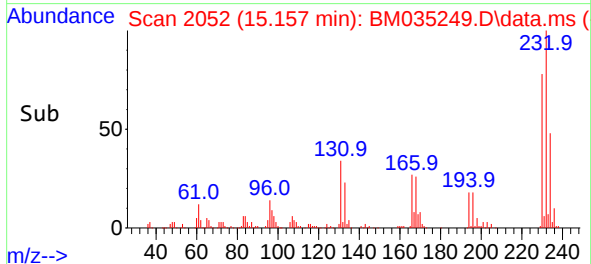
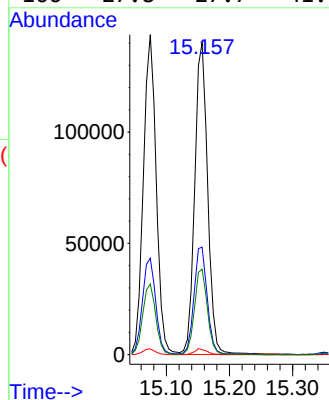
Ion Ratio Lower Upper

232 100

131 35.2 41.0 61.6#

130 1.9 2.3 3.5#

166 27.8 27.7 41.5



#60

Diethylphthalate

Concen: 44.114 ng

RT: 15.351 min Scan# 2085

Delta R.T. 0.000 min

Lab File: BM035249.D

Acq: 25 May 2022 19:46

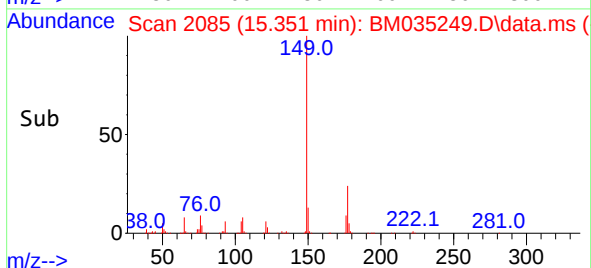
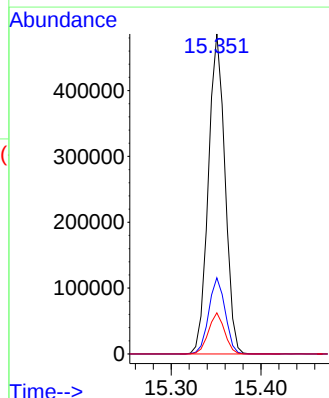
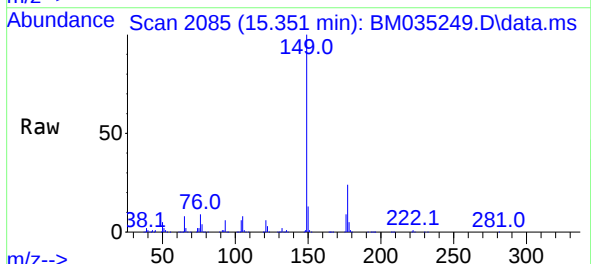
Tgt Ion:149 Resp: 624349

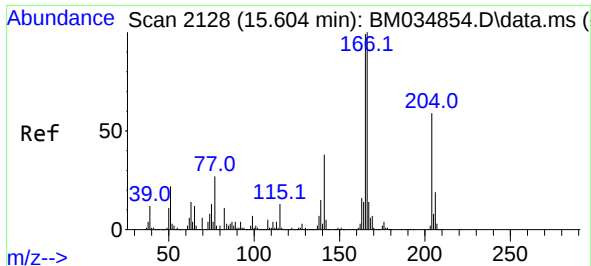
Ion Ratio Lower Upper

149 100

177 23.8 16.9 25.3

150 12.8 10.1 15.1

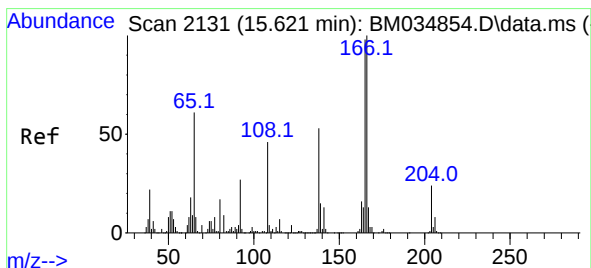
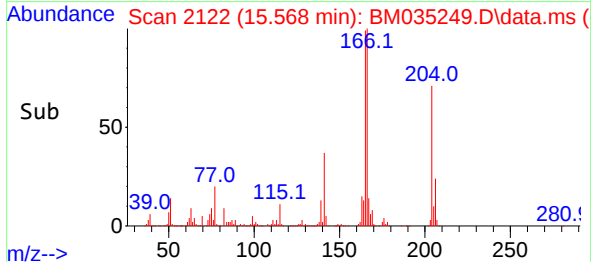
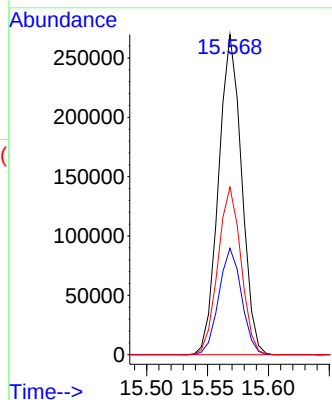
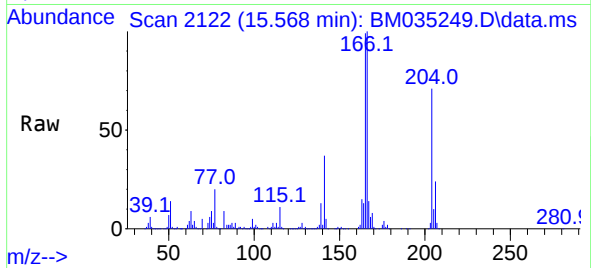




#61  
4-Chlorophenyl-phenylether  
Concen: 54.840 ng  
RT: 15.568 min Scan# 2128  
Delta R.T. 0.000 min  
Lab File: BM035249.D  
Acq: 25 May 2022 19:46

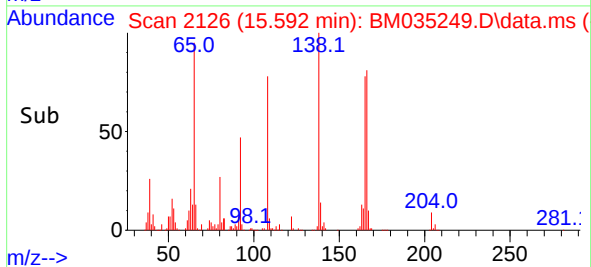
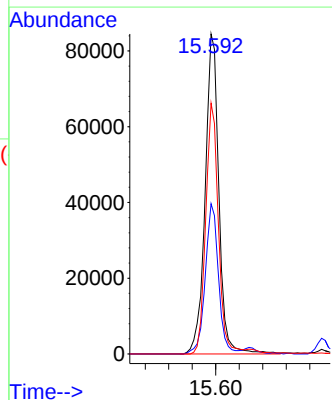
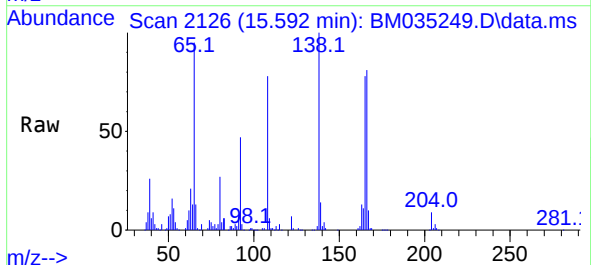
Instrument :  
BNA\_M  
ClientSampleId :  
P024-SS001-2430-01MSD

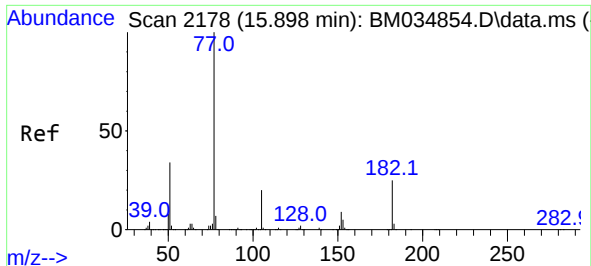
Tgt Ion:204 Resp: 355247  
Ion Ratio Lower Upper  
204 100  
206 33.3 26.3 39.5  
141 52.4 51.2 76.8



#62  
4-Nitroaniline  
Concen: 43.507 ng  
RT: 15.592 min Scan# 2126  
Delta R.T. -0.006 min  
Lab File: BM035249.D  
Acq: 25 May 2022 19:46

Tgt Ion:138 Resp: 136747  
Ion Ratio Lower Upper  
138 100  
92 47.0 30.8 70.8  
108 78.3 65.7 105.7

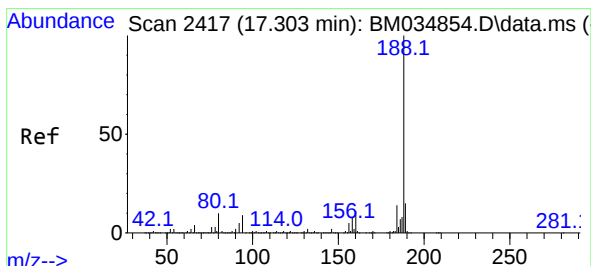
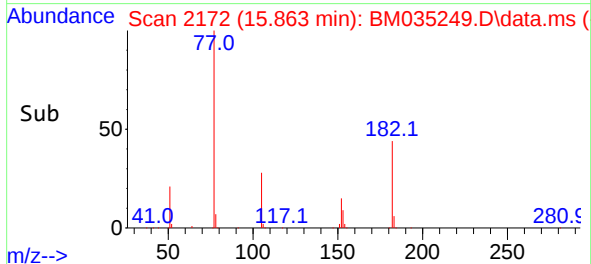
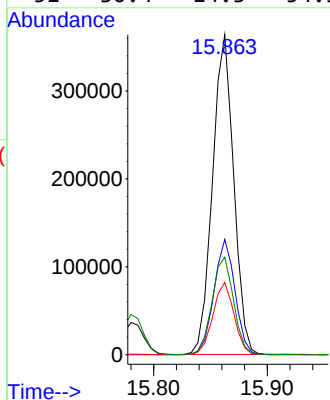
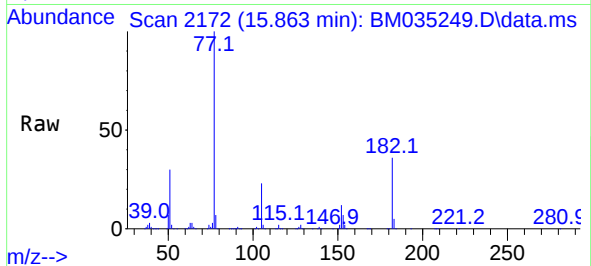




#63  
Azobenzene  
Concen: 36.546 ng  
RT: 15.863 min Scan# 2172  
Delta R.T. 0.000 min  
Lab File: BM035249.D  
Acq: 25 May 2022 19:46

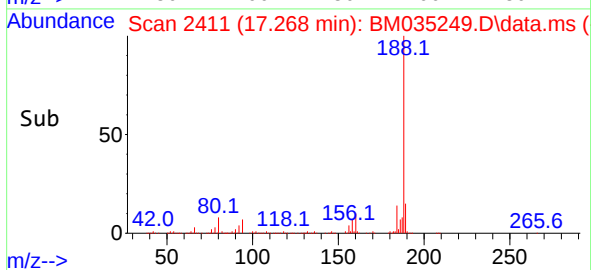
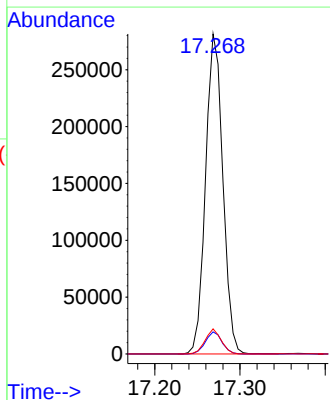
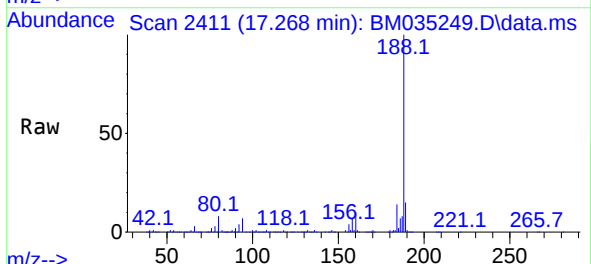
Instrument :  
BNA\_M  
ClientSampleId :  
P024-SS001-2430-01MSD

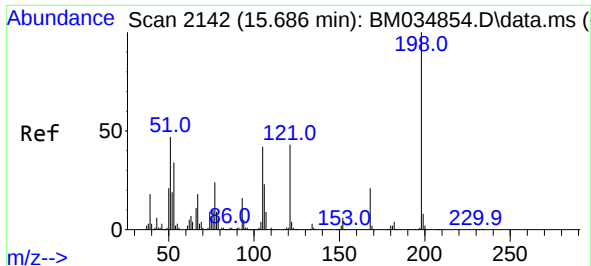
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 471748 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 36.0  | 4.9   | 44.9   |
| 105      | 22.6  | 0.0   | 39.6   |
| 51       | 30.4  | 14.3  | 54.3   |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.268 min Scan# 2411  
Delta R.T. 0.000 min  
Lab File: BM035249.D  
Acq: 25 May 2022 19:46

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 396269 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 6.9   | 7.0   | 10.4#  |
| 80       | 7.8   | 7.6   | 11.4   |





#65

4,6-Dinitro-2-methylphenol

Concen: 51.107 ng

RT: 15.657 min Scan# 2115

Delta R.T. -0.006 min

Lab File: BM035249.D

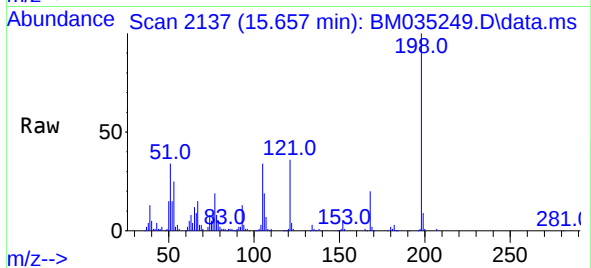
Acq: 25 May 2022 19:46

Instrument :

BNA\_M

ClientSampleId :

P024-SS001-2430-01MSD



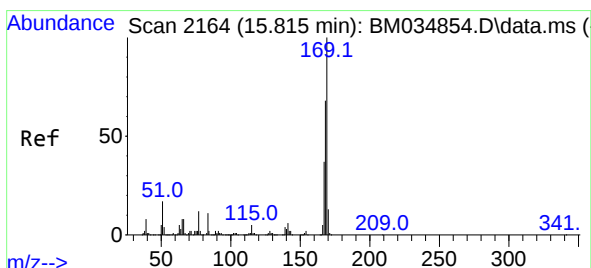
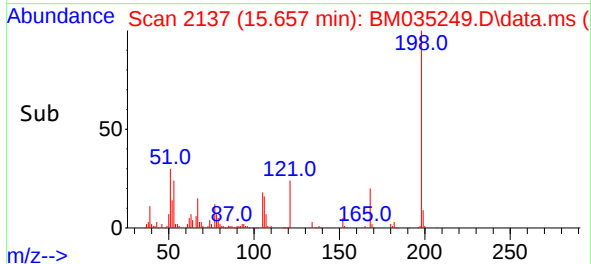
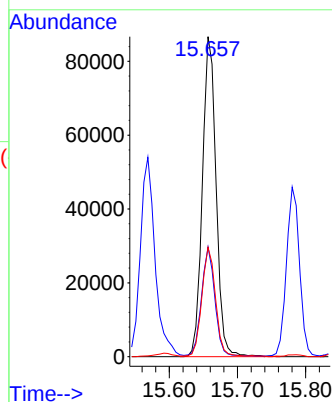
Tgt Ion:198 Resp: 121065

Ion Ratio Lower Upper

198 100

51 34.3 29.0 69.0

105 34.2 22.1 62.1



#66

n-Nitrosodiphenylamine

Concen: 46.633 ng

RT: 15.780 min Scan# 2158

Delta R.T. -0.006 min

Lab File: BM035249.D

Acq: 25 May 2022 19:46

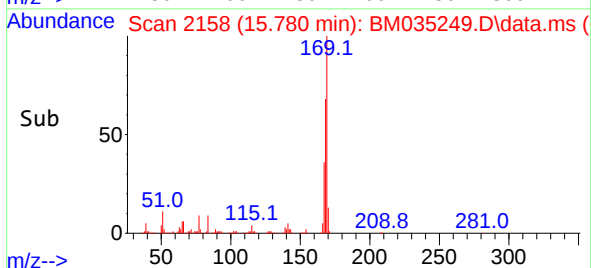
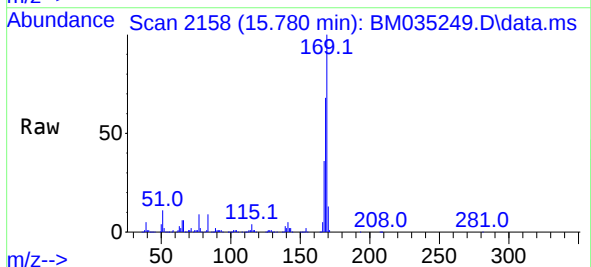
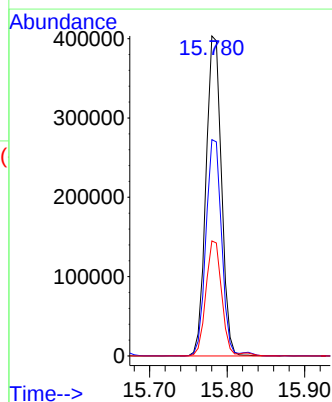
Tgt Ion:169 Resp: 560043

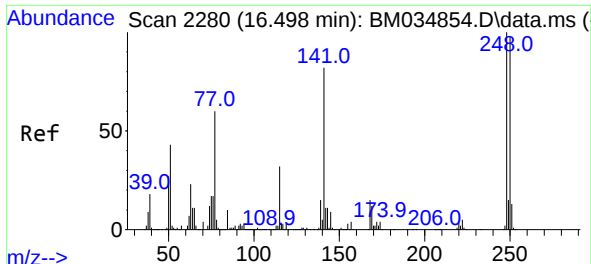
Ion Ratio Lower Upper

169 100

168 67.6 54.3 81.5

167 36.0 29.4 44.0

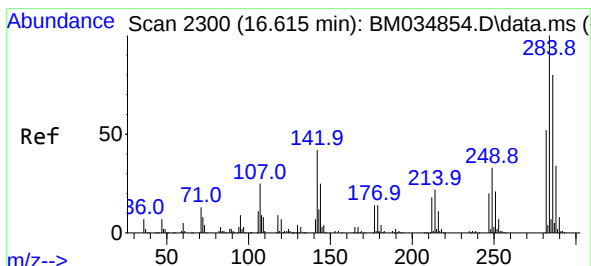
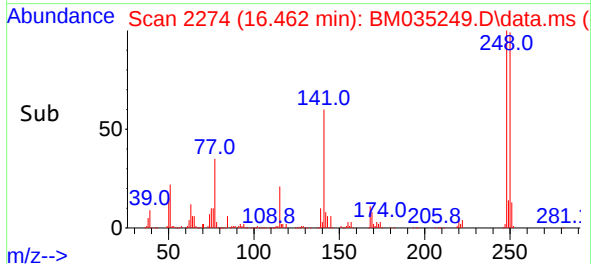
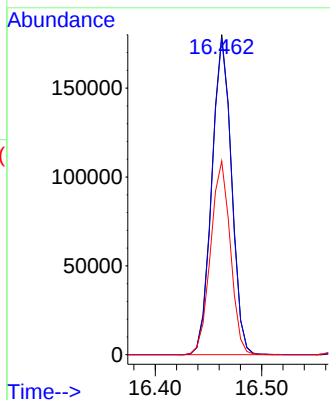
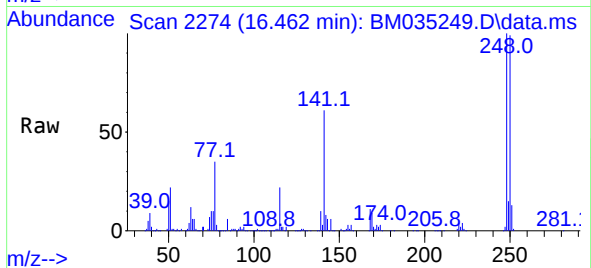




#67  
4-Bromophenyl-phenylether  
Concen: 57.322 ng  
RT: 16.462 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BM035249.D  
Acq: 25 May 2022 19:46

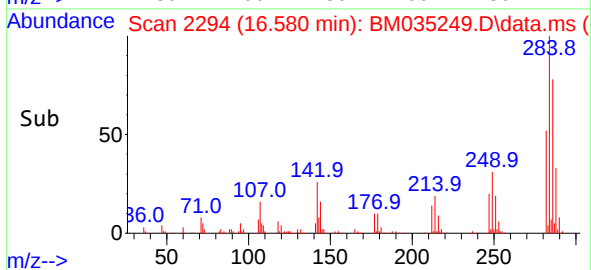
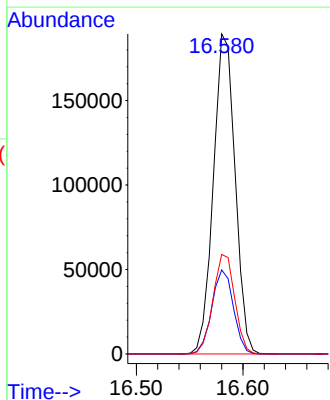
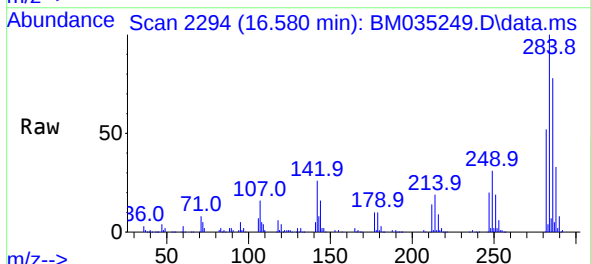
Instrument :  
BNA\_M  
ClientSampleId :  
P024-SS001-2430-01MSD

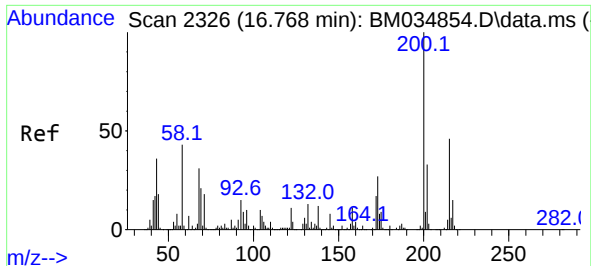
Tgt Ion:248 Resp: 230897  
Ion Ratio Lower Upper  
248 100  
250 99.0 78.0 117.0  
141 60.5 66.0 99.0#



#68  
Hexachlorobenzene  
Concen: 58.954 ng  
RT: 16.580 min Scan# 2294  
Delta R.T. -0.006 min  
Lab File: BM035249.D  
Acq: 25 May 2022 19:46

Tgt Ion:284 Resp: 268104  
Ion Ratio Lower Upper  
284 100  
142 26.2 33.6 50.4#  
249 31.1 26.2 39.2

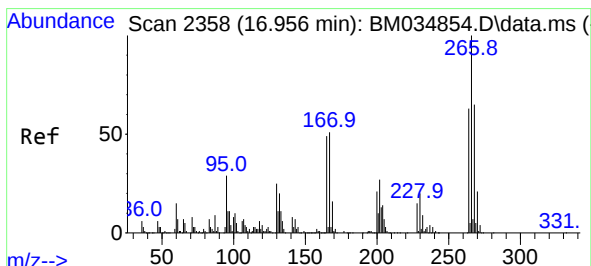
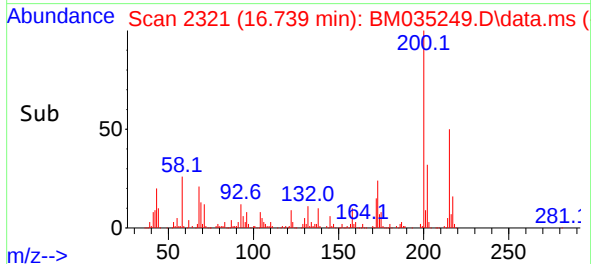
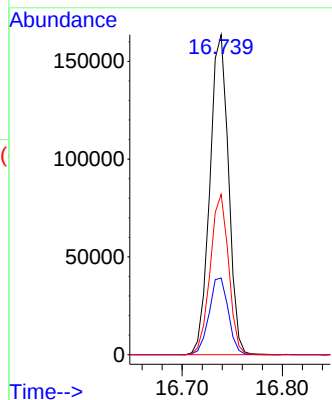
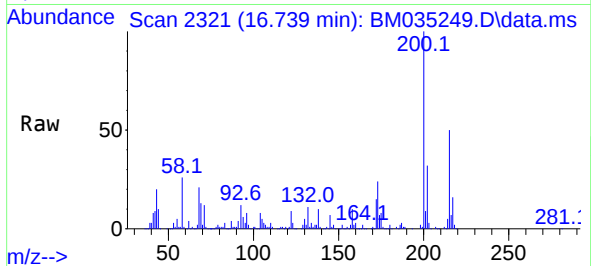




#69  
Atrazine  
Concen: 52.538 ng  
RT: 16.739 min Scan# 211829  
Delta R.T. 0.000 min  
Lab File: BM035249.D  
Acq: 25 May 2022 19:46

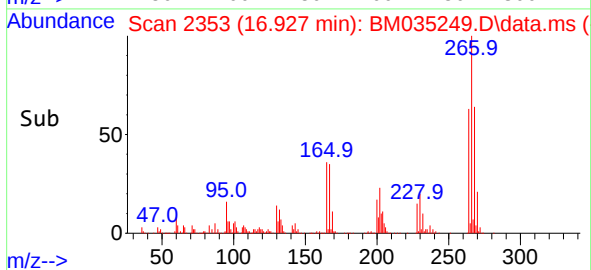
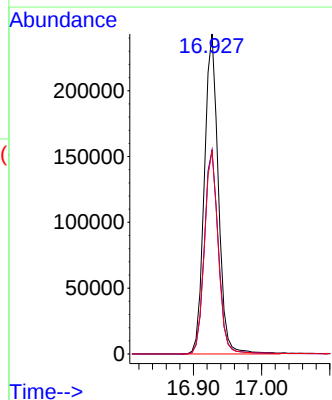
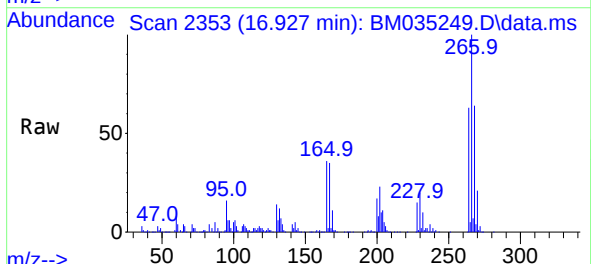
Instrument :  
BNA\_M  
ClientSampleId :  
P024-SS001-2430-01MSD

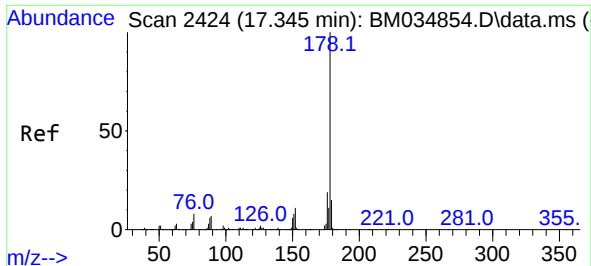
Tgt Ion:200 Resp: 211829  
Ion Ratio Lower Upper  
200 100  
173 23.9 6.6 46.6  
215 50.1 26.2 66.2



#70  
Pentachlorophenol  
Concen: 122.043 ng  
RT: 16.927 min Scan# 2353  
Delta R.T. 0.000 min  
Lab File: BM035249.D  
Acq: 25 May 2022 19:46

Tgt Ion:266 Resp: 347750  
Ion Ratio Lower Upper  
266 100  
268 63.7 51.9 77.9  
264 63.3 50.6 76.0

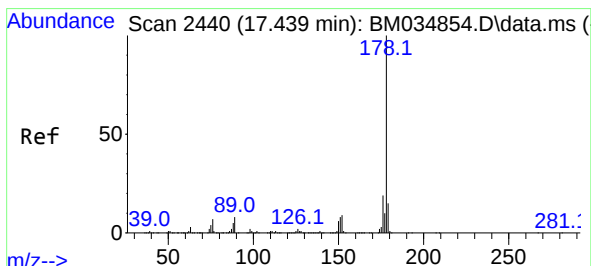
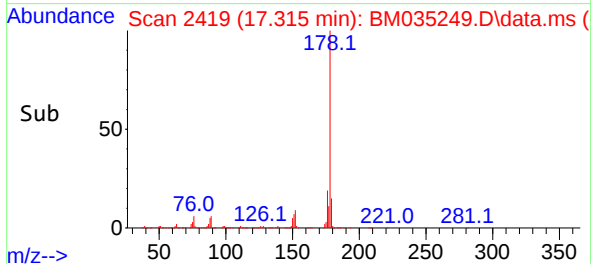
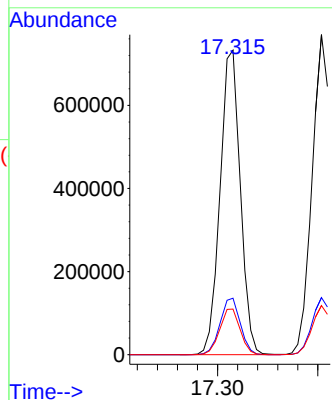
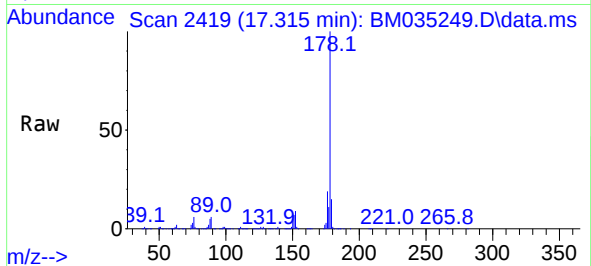




#71  
Phenanthrene  
Concen: 46.400 ng  
RT: 17.315 min Scan# 2419  
Delta R.T. 0.000 min  
Lab File: BM035249.D  
Acq: 25 May 2022 19:46

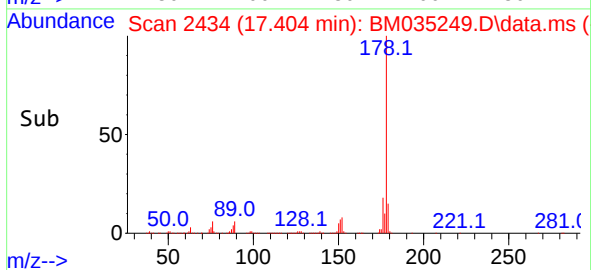
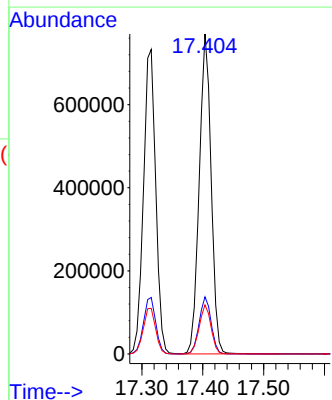
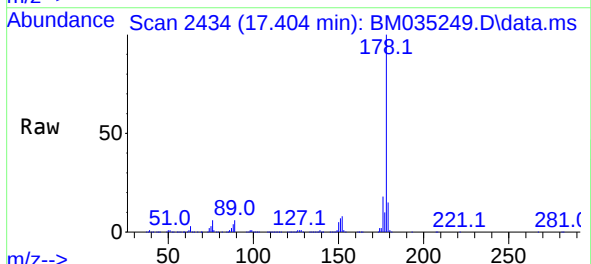
Instrument :  
BNA\_M  
ClientSampleId :  
P024-SS001-2430-01MSD

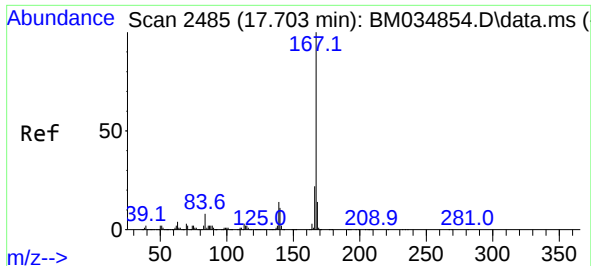
Tgt Ion:178 Resp: 1024751  
Ion Ratio Lower Upper  
178 100  
176 18.6 15.4 23.0  
179 15.0 12.4 18.6



#72  
Anthracene  
Concen: 48.953 ng  
RT: 17.404 min Scan# 2434  
Delta R.T. 0.000 min  
Lab File: BM035249.D  
Acq: 25 May 2022 19:46

Tgt Ion:178 Resp: 1043932  
Ion Ratio Lower Upper  
178 100  
176 17.9 15.0 22.4  
179 15.4 12.2 18.2

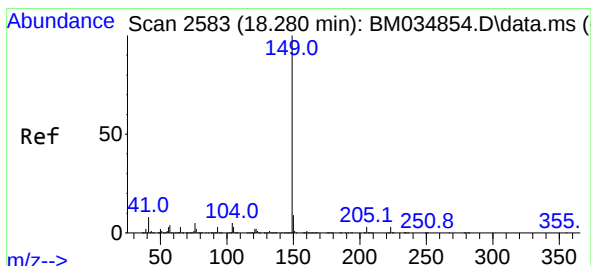
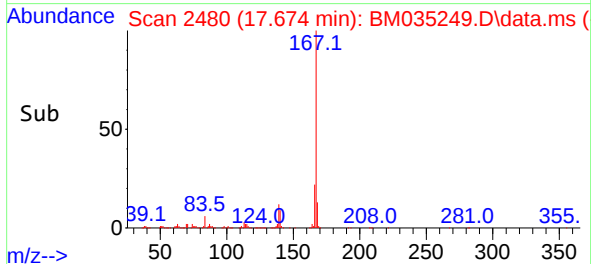
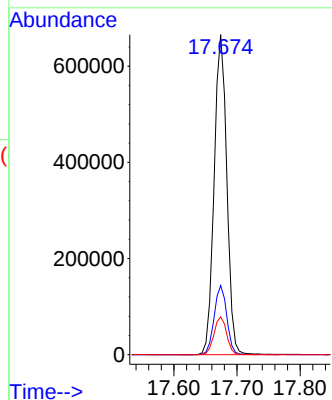
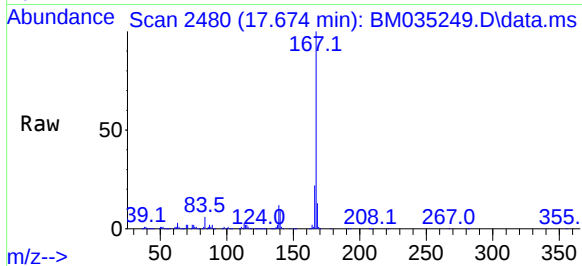




#73  
 Carbazole  
 Concen: 47.572 ng  
 RT: 17.674 min Scan# 24  
 Delta R.T. 0.000 min  
 Lab File: BM035249.D  
 Acq: 25 May 2022 19:46

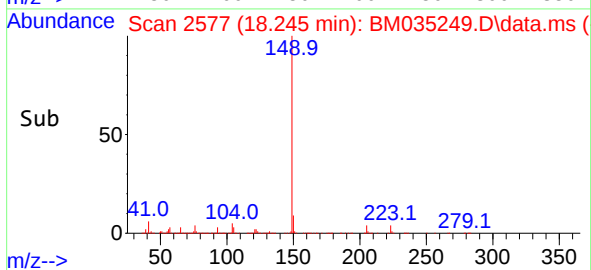
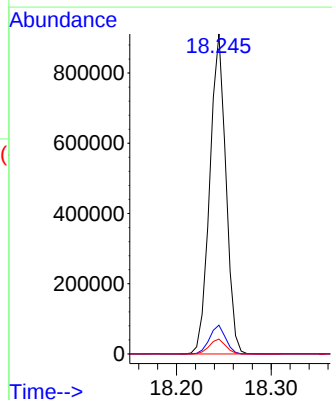
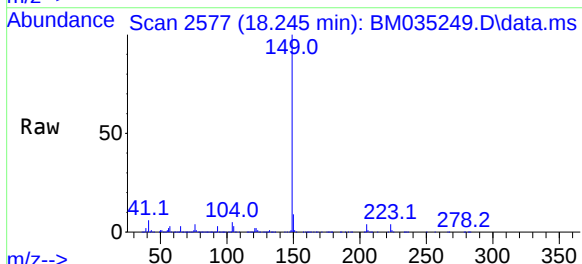
Instrument :  
 BNA\_M  
 ClientSampleId :  
 P024-SS001-2430-01MSD

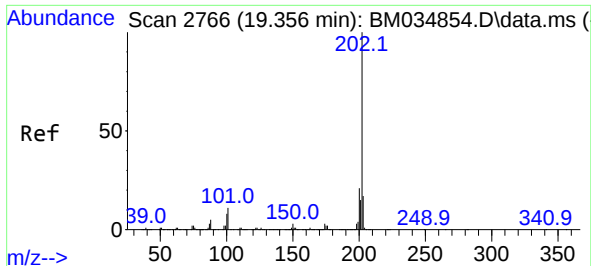
Tgt Ion:167 Resp: 926539  
 Ion Ratio Lower Upper  
 167 100  
 166 21.6 17.8 26.8  
 139 11.9 10.9 16.3



#74  
 Di-n-butylphthalate  
 Concen: 43.323 ng  
 RT: 18.245 min Scan# 2577  
 Delta R.T. 0.000 min  
 Lab File: BM035249.D  
 Acq: 25 May 2022 19:46

Tgt Ion:149 Resp: 1073584  
 Ion Ratio Lower Upper  
 149 100  
 150 9.0 7.3 10.9  
 104 4.6 4.3 6.5

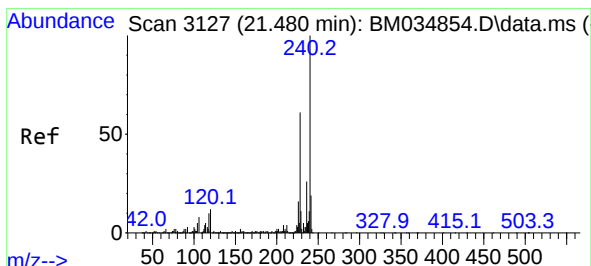
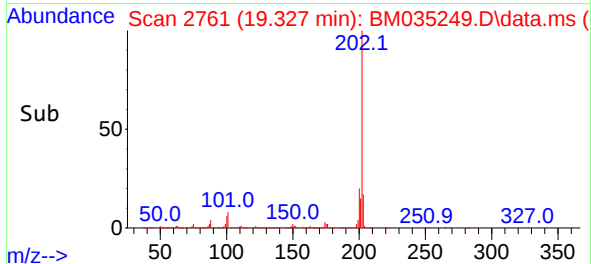
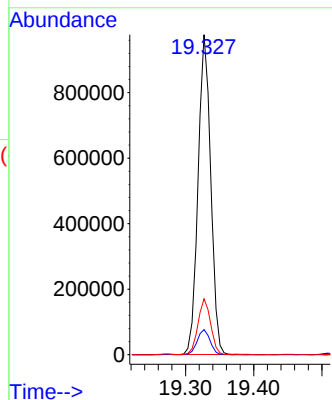
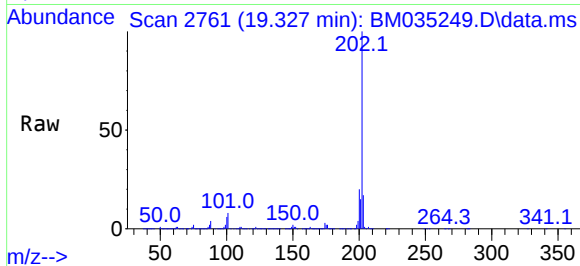




#75  
Fluoranthene  
Concen: 51.960 ng  
RT: 19.327 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BM035249.D  
Acq: 25 May 2022 19:46

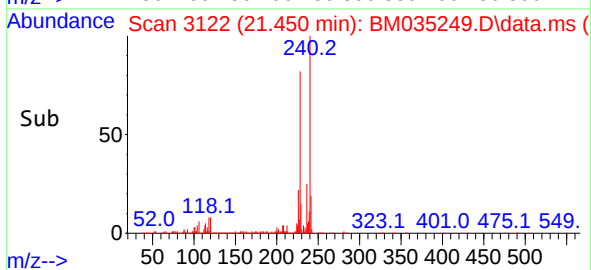
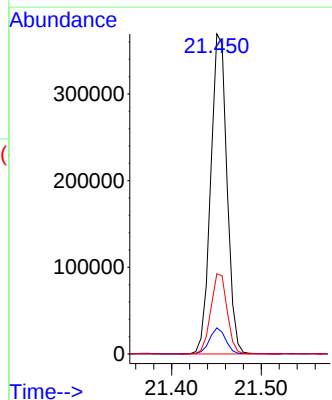
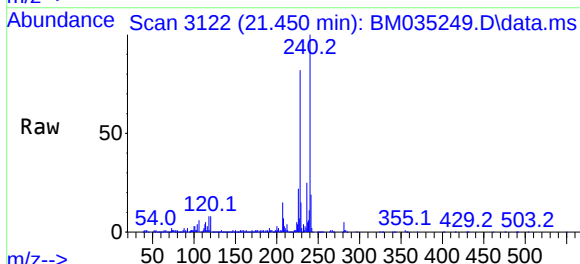
Instrument :  
BNA\_M  
ClientSampleId :  
P024-SS001-2430-01MSD

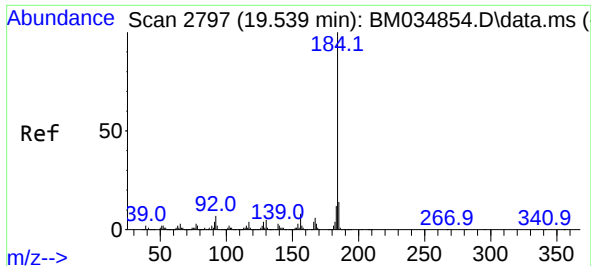
Tgt Ion:202 Resp: 1260085  
Ion Ratio Lower Upper  
202 100  
101 7.9 0.0 30.6  
203 17.5 0.0 37.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.450 min Scan# 3122  
Delta R.T. -0.006 min  
Lab File: BM035249.D  
Acq: 25 May 2022 19:46

Tgt Ion:240 Resp: 465172  
Ion Ratio Lower Upper  
240 100  
120 8.1 9.4 14.0#  
236 25.1 20.6 30.8

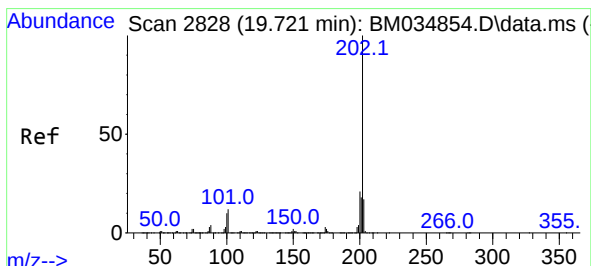
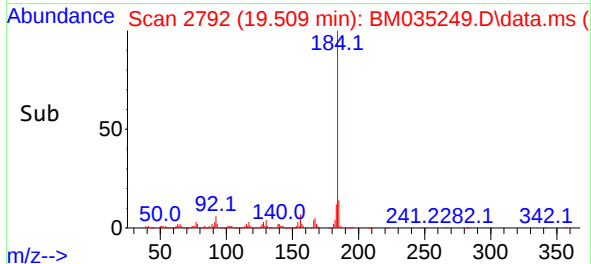
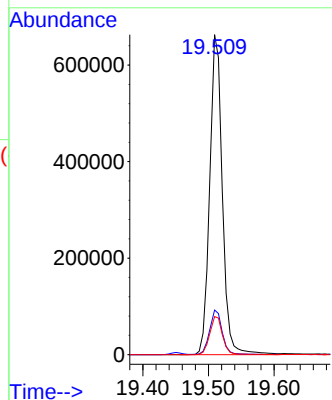
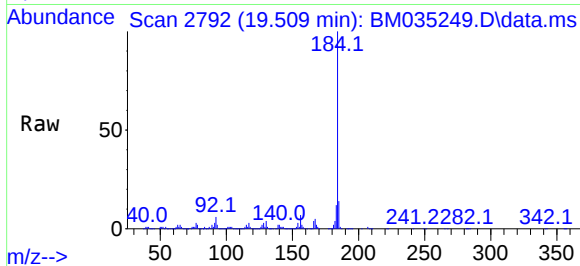




#77  
Benzidine  
Concen: 62.600 ng  
RT: 19.509 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM035249.D  
Acq: 25 May 2022 19:46

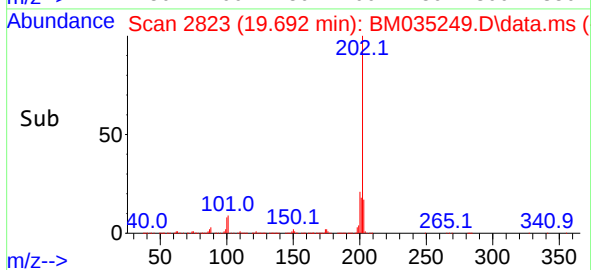
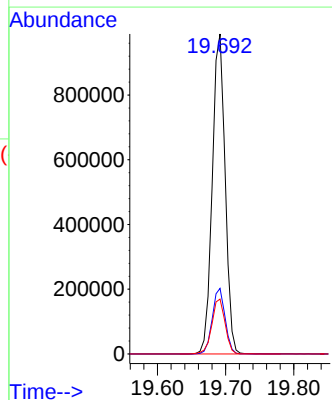
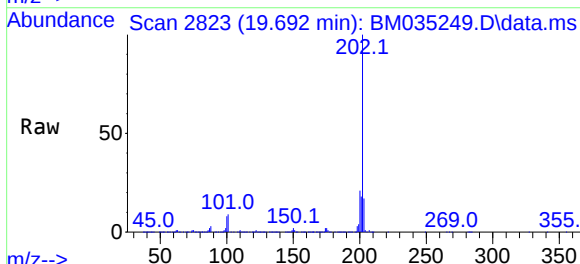
Instrument :  
BNA\_M  
ClientSampleId :  
P024-SS001-2430-01MSD

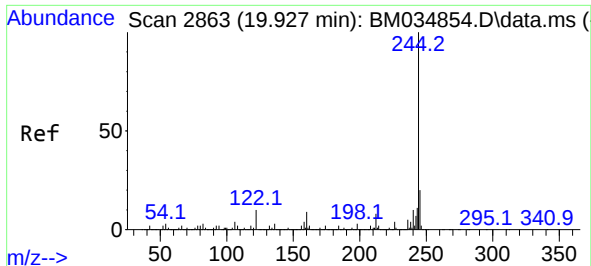
Tgt Ion:184 Resp: 889588  
Ion Ratio Lower Upper  
184 100  
185 14.0 11.3 16.9  
183 11.9 9.5 14.3



#78  
Pyrene  
Concen: 42.210 ng  
RT: 19.692 min Scan# 2823  
Delta R.T. 0.000 min  
Lab File: BM035249.D  
Acq: 25 May 2022 19:46

Tgt Ion:202 Resp: 1298461  
Ion Ratio Lower Upper  
202 100  
200 20.5 16.7 25.1  
203 17.1 13.9 20.9

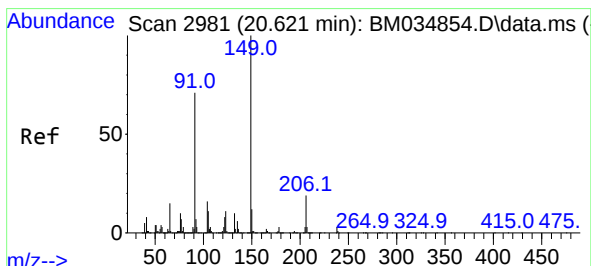
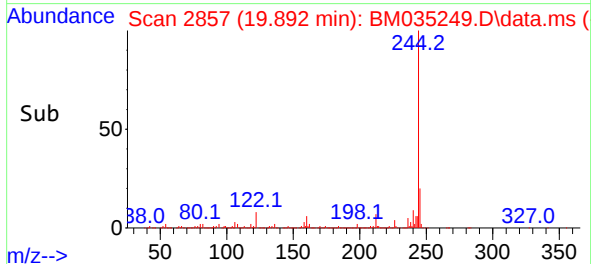
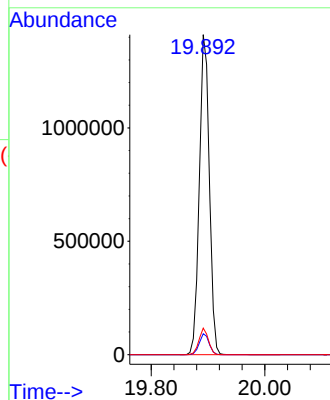
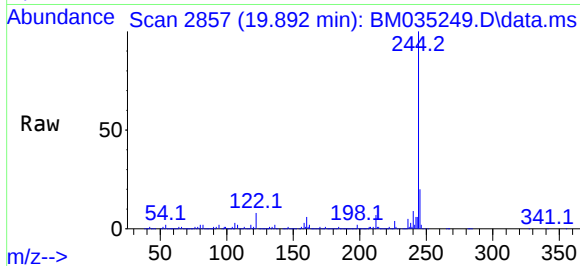




#79  
 Terphenyl-d14  
 Concen: 72.083 ng  
 RT: 19.892 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BM035249.D  
 Acq: 25 May 2022 19:46

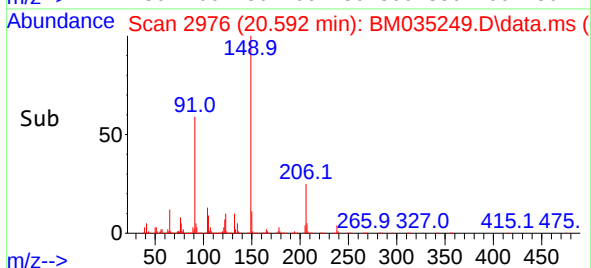
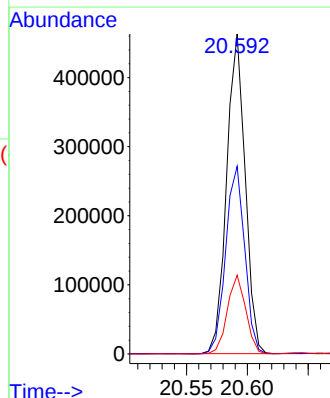
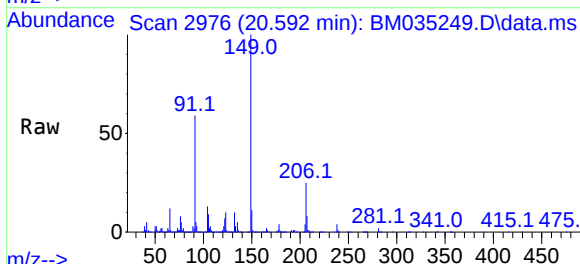
Instrument :  
 BNA\_M  
 ClientSampleId :  
 P024-SS001-2430-01MSD

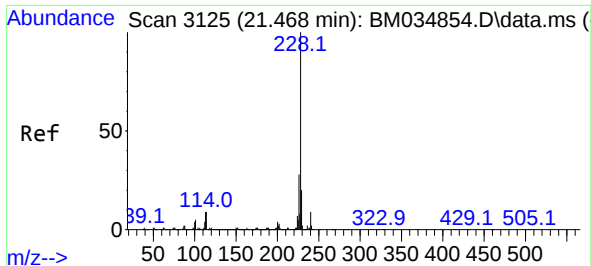
Tgt Ion:244 Resp: 1731791  
 Ion Ratio Lower Upper  
 244 100  
 212 6.5 6.2 9.4  
 122 8.3 8.3 12.5#



#80  
 Butylbenzylphthalate  
 Concen: 36.230 ng  
 RT: 20.592 min Scan# 2976  
 Delta R.T. 0.000 min  
 Lab File: BM035249.D  
 Acq: 25 May 2022 19:46

Tgt Ion:149 Resp: 489196  
 Ion Ratio Lower Upper  
 149 100  
 91 58.6 56.6 85.0  
 206 24.6 15.4 23.0#

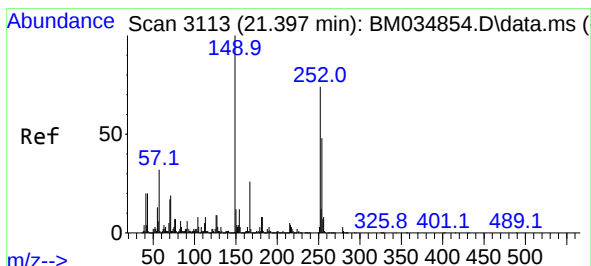
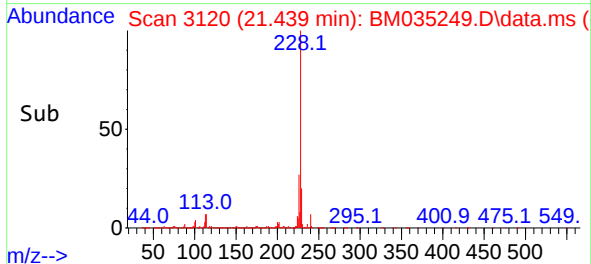
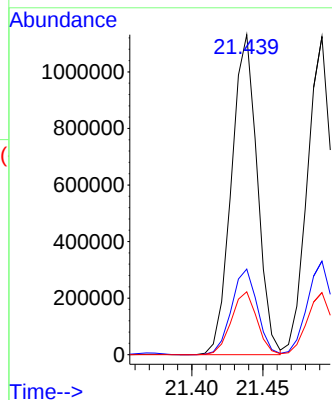
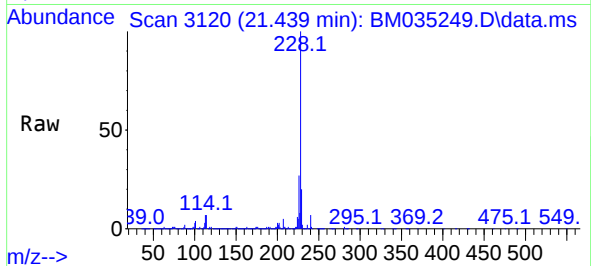




#81  
Benzo(a)anthracene  
Concen: 46.100 ng  
RT: 21.439 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: BM035249.D  
Acq: 25 May 2022 19:46

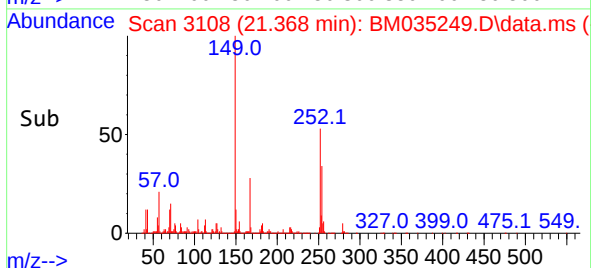
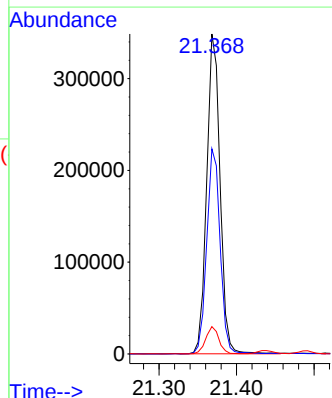
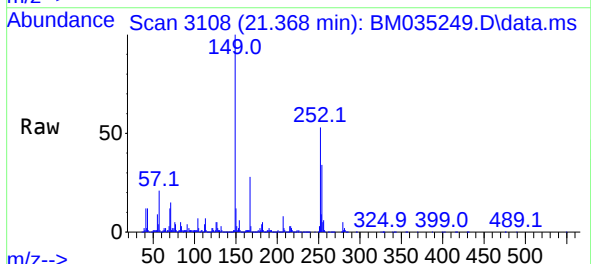
Instrument :  
BNA\_M  
ClientSampleId :  
P024-SS001-2430-01MSD

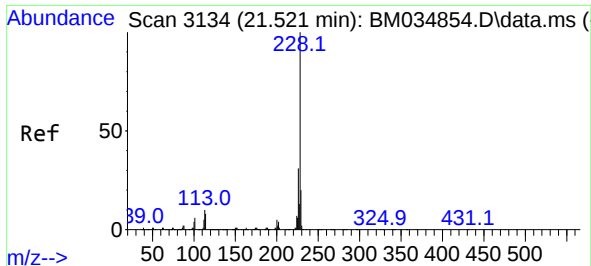
Tgt Ion:228 Resp: 1430917  
Ion Ratio Lower Upper  
228 100  
226 26.7 22.3 33.5  
229 19.7 15.8 23.6



#82  
3,3'-Dichlorobenzidine  
Concen: 45.931 ng  
RT: 21.368 min Scan# 3108  
Delta R.T. -0.006 min  
Lab File: BM035249.D  
Acq: 25 May 2022 19:46

Tgt Ion:252 Resp: 415530  
Ion Ratio Lower Upper  
252 100  
254 64.1 51.7 77.5  
126 8.5 9.4 14.0#

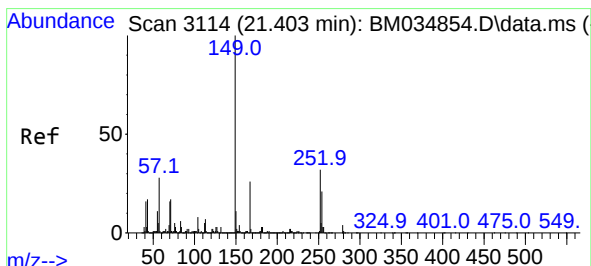
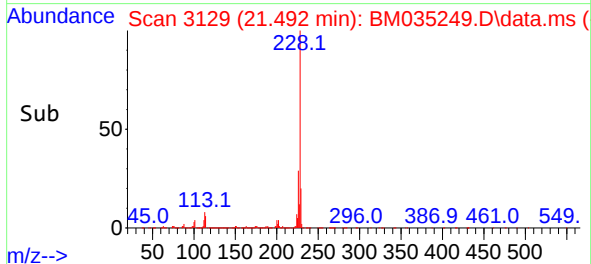
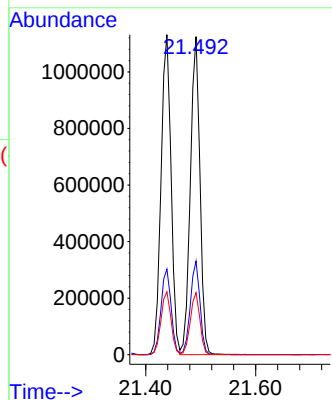
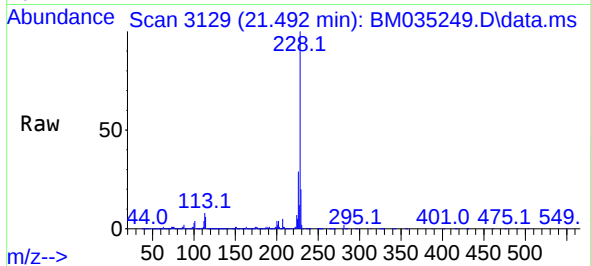




#83  
Chrysene  
Concen: 45.837 ng  
RT: 21.492 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: BM035249.D  
Acq: 25 May 2022 19:46

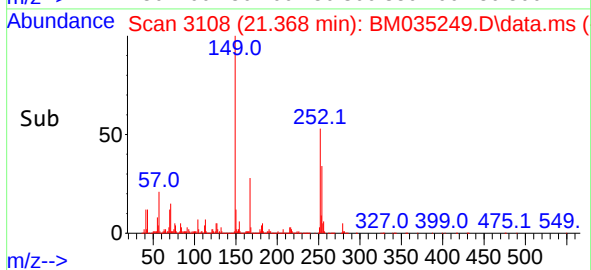
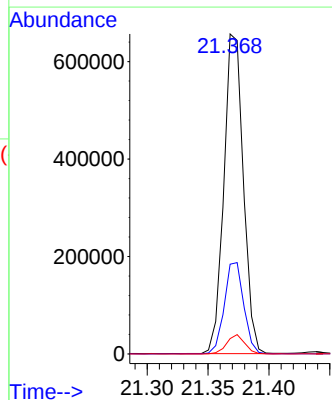
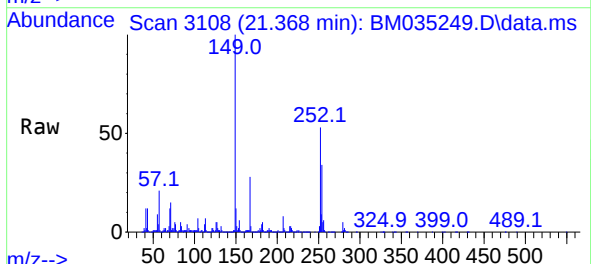
Instrument :  
BNA\_M  
ClientSampleId :  
P024-SS001-2430-01MSD

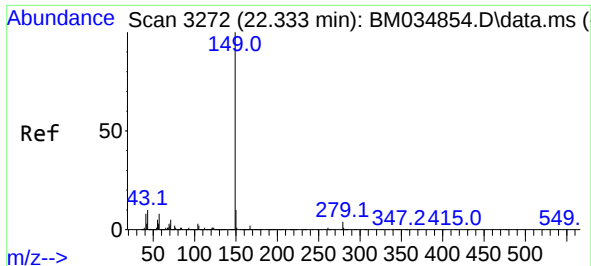
Tgt Ion:228 Resp: 1358986  
Ion Ratio Lower Upper  
228 100  
226 29.4 24.4 36.6  
229 19.5 15.8 23.8



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 35.243 ng  
RT: 21.368 min Scan# 3108  
Delta R.T. -0.006 min  
Lab File: BM035249.D  
Acq: 25 May 2022 19:46

Tgt Ion:149 Resp: 731742  
Ion Ratio Lower Upper  
149 100  
167 28.1 21.1 31.7  
279 4.8 2.8 4.2#

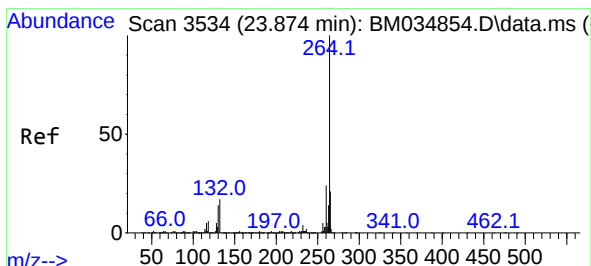
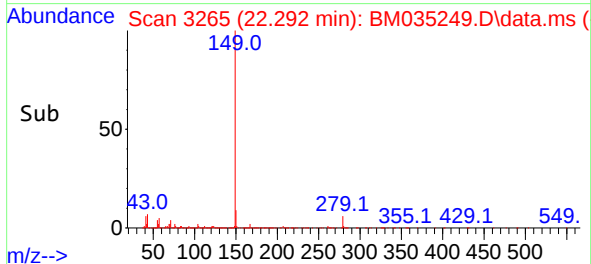
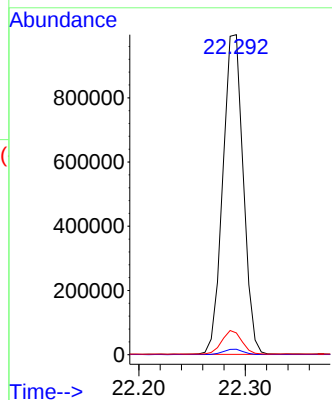
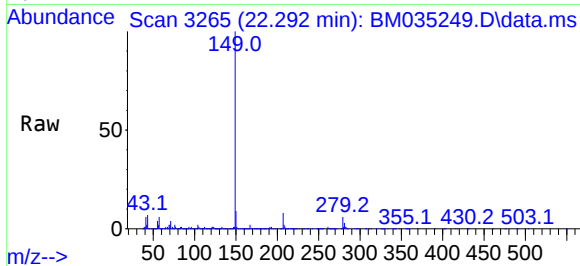




#85  
Di-n-octyl phthalate  
Concen: 38.666 ng  
RT: 22.292 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: BM035249.D  
Acq: 25 May 2022 19:46

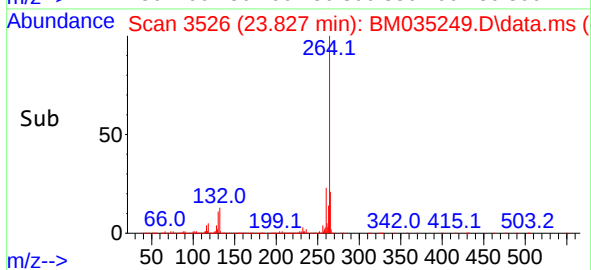
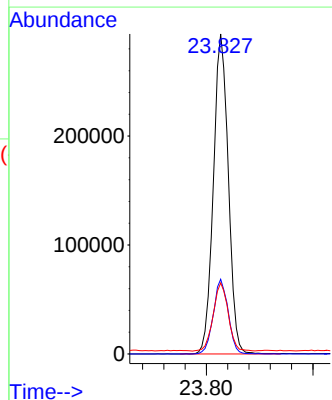
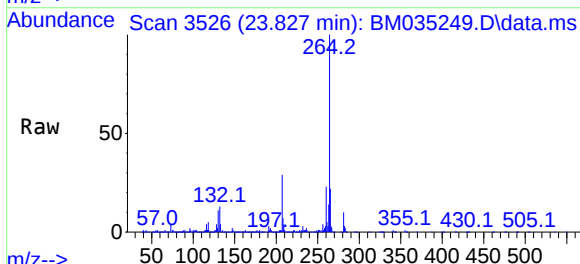
Instrument :  
BNA\_M  
ClientSampleId :  
P024-SS001-2430-01MSD

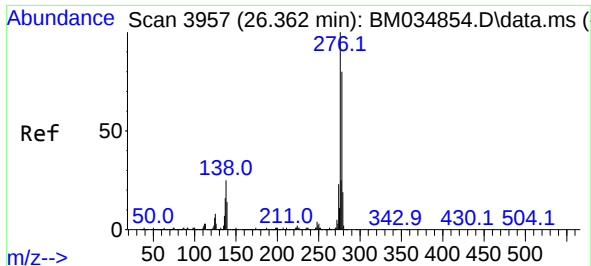
Tgt Ion:149 Resp: 1323473  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 7.2 8.6 12.8#



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.827 min Scan# 3526  
Delta R.T. -0.006 min  
Lab File: BM035249.D  
Acq: 25 May 2022 19:46

Tgt Ion:264 Resp: 571974  
Ion Ratio Lower Upper  
264 100  
260 23.3 18.9 28.3  
265 22.2 17.5 26.3

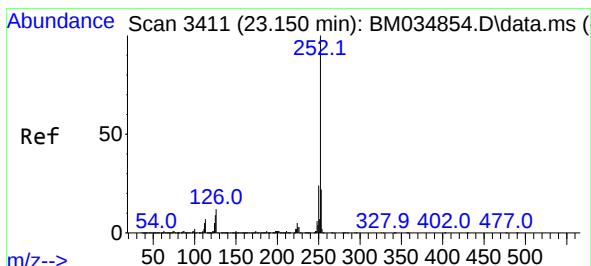
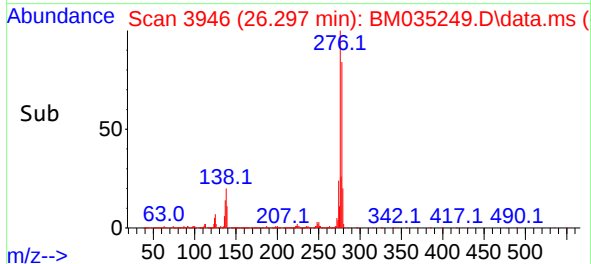
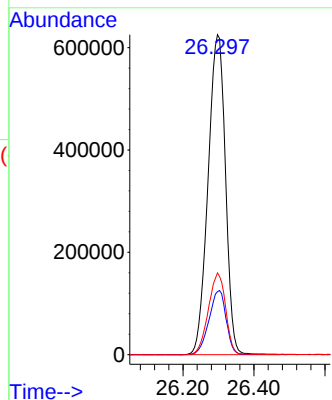
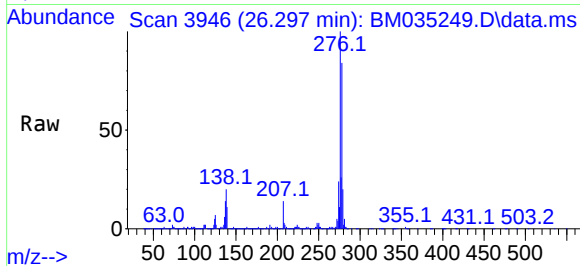




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 48.998 ng  
RT: 26.297 min Scan# 34  
Delta R.T. -0.006 min  
Lab File: BM035249.D  
Acq: 25 May 2022 19:46

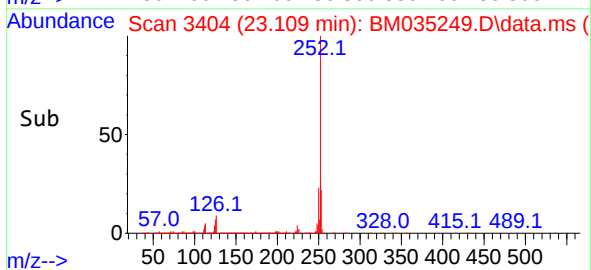
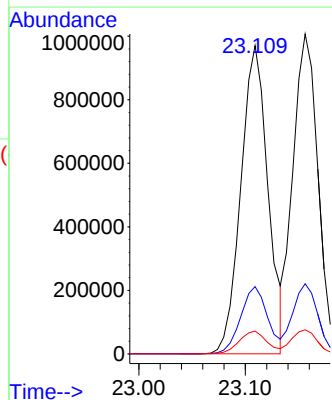
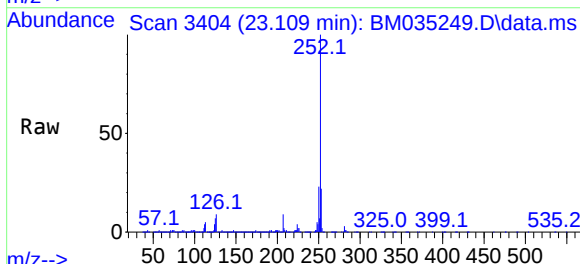
Instrument :  
BNA\_M  
ClientSampleId :  
P024-SS001-2430-01MSD

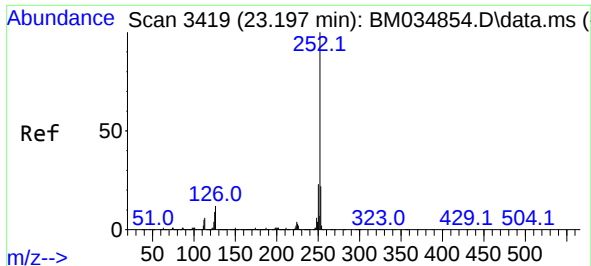
Tgt Ion:276 Resp: 2130758  
Ion Ratio Lower Upper  
276 100  
138 19.8 20.2 30.4#  
277 25.3 20.2 30.2



#88  
Benzo(b)fluoranthene  
Concen: 47.759 ng  
RT: 23.109 min Scan# 3404  
Delta R.T. 0.000 min  
Lab File: BM035249.D  
Acq: 25 May 2022 19:46

Tgt Ion:252 Resp: 1718111  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.6 26.4  
125 7.4 7.6 11.4#

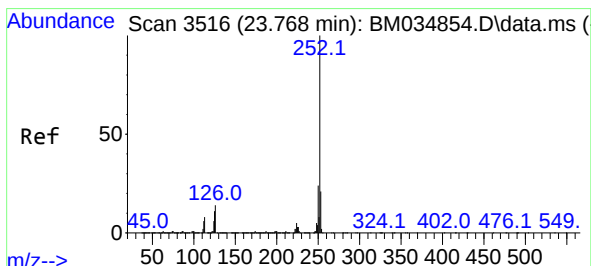
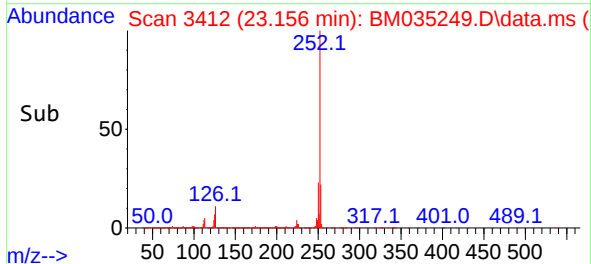
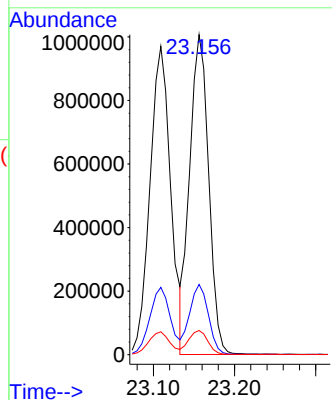
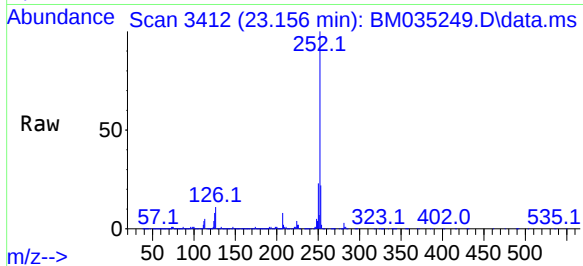




#89  
Benzo(k)fluoranthene  
Concen: 45.025 ng  
RT: 23.156 min Scan# 3419  
Delta R.T. -0.006 min  
Lab File: BM035249.D  
Acq: 25 May 2022 19:46

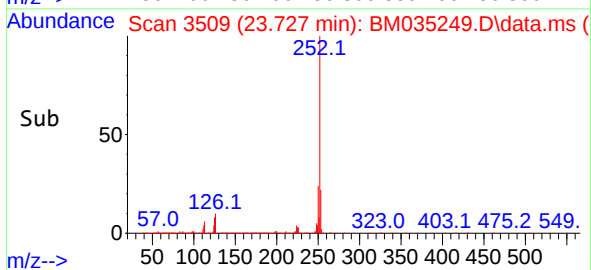
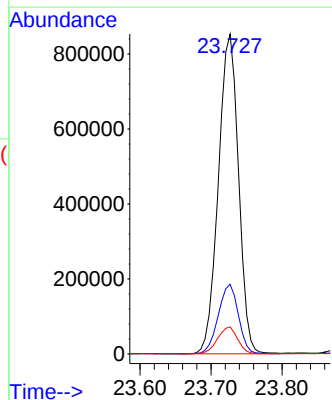
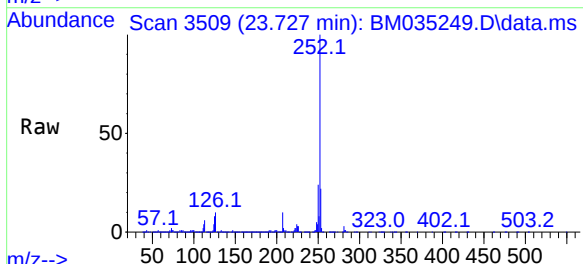
Instrument :  
BNA\_M  
ClientSampleId :  
P024-SS001-2430-01MSD

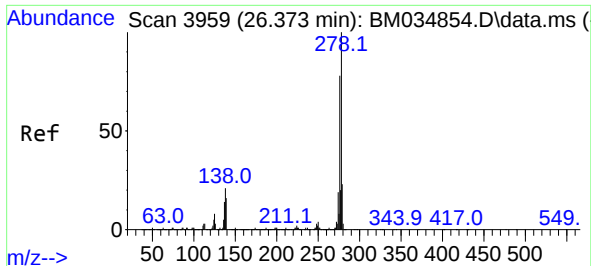
Tgt Ion:252 Resp: 1639670  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.5 26.3  
125 7.6 7.6 11.4#



#90  
Benzo(a)pyrene  
Concen: 56.053 ng  
RT: 23.727 min Scan# 3509  
Delta R.T. 0.000 min  
Lab File: BM035249.D  
Acq: 25 May 2022 19:46

Tgt Ion:252 Resp: 1675270  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.2 25.8  
125 8.4 8.7 13.1#

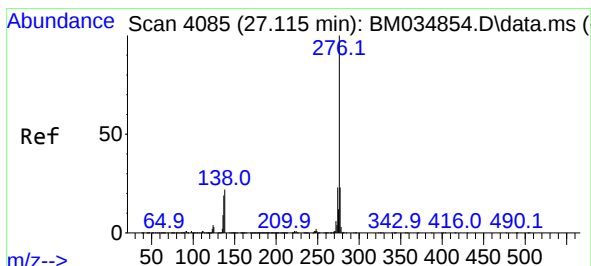
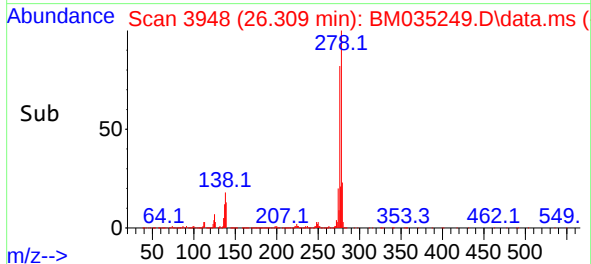
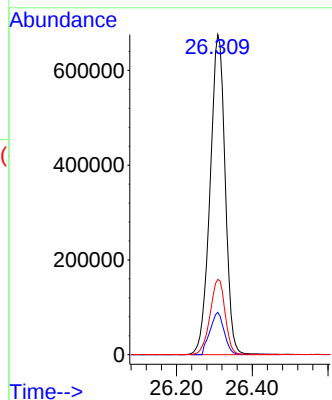
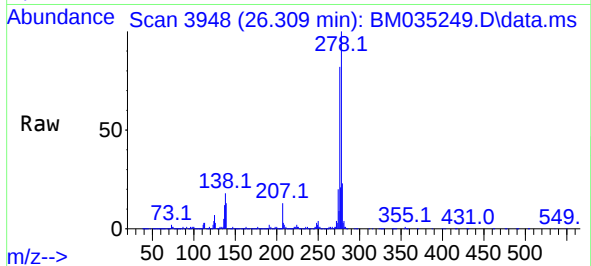




#91  
Dibenzo(a,h)anthracene  
Concen: 51.067 ng  
RT: 26.309 min Scan# 3959  
Delta R.T. -0.006 min  
Lab File: BM035249.D  
Acq: 25 May 2022 19:46

Instrument :  
BNA\_M  
ClientSampleId :  
P024-SS001-2430-01MSD

Tgt Ion:278 Resp: 1862834  
Ion Ratio Lower Upper  
278 100  
139 13.2 12.9 19.3  
279 23.5 18.7 28.1



#92  
Benzo(g,h,i)perylene  
Concen: 52.830 ng  
RT: 27.056 min Scan# 4075  
Delta R.T. 0.000 min  
Lab File: BM035249.D  
Acq: 25 May 2022 19:46

Tgt Ion:276 Resp: 1851688  
Ion Ratio Lower Upper  
276 100  
277 23.8 18.7 28.1  
138 16.4 17.6 26.4#

