

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP021921\  
 Data File : BP004822.D  
 Acq On : 19 Feb 2021 15:07  
 Operator : CG/JU  
 Sample : M1422-01MS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 BU-03-021621MS

Quant Time: Feb 19 16:19:26 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP020521.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 19 12:04:44 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.764  | 152  | 53659    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.552 | 136  | 210723   | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.410 | 164  | 128783   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.163 | 188  | 276996   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.251 | 240  | 295803   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12              | 23.557 | 264  | 296861   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.358  | 112  | 406273   | 116.90 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.946  | 99   | 517323   | 108.25 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.922  | 82   | 327780   | 67.77  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.910 | 330  | 200854   | 117.39 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.028 | 172  | 710221   | 67.40  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.728 | 244  | 1042073  | 59.17  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
| 2) 1,4-Dioxane                | 3.281  | 88   | 42957    | 28.88  | ng    | # 91     |
| 3) Pyridine                   | 3.676  | 79   | 120539   | 32.01  | ng    | 96       |
| 4) n-Nitrosodimethylamine     | 3.587  | 42   | 62444    | 39.85  | ng    | # 61     |
| 6) Aniline                    | 7.093  | 93   | 84280    | 15.81  | ng    | # 84     |
| 8) 2-Chlorophenol             | 7.334  | 128  | 156611   | 43.13  | ng    | 88       |
| 9) Benzaldehyde               | 6.905  | 77   | 56413    | 28.11  | ng    | 84       |
| 10) Phenol                    | 6.975  | 94   | 209732   | 45.34  | ng    | 80       |
| 11) bis(2-Chloroethyl)ether   | 7.193  | 93   | 138571   | 39.17  | ng    | 93       |
| 12) 1,3-Dichlorobenzene       | 7.652  | 146  | 173649   | 39.30  | ng    | # 93     |
| 13) 1,4-Dichlorobenzene       | 7.799  | 146  | 176065   | 39.22  | ng    | # 92     |
| 14) 1,2-Dichlorobenzene       | 8.111  | 146  | 169420   | 39.36  | ng    | 95       |
| 15) Benzyl Alcohol            | 8.005  | 79   | 146384   | 40.79  | ng    | # 85     |
| 16) 2,2'-oxybis(1-Chloropr... | 8.299  | 45   | 115509   | 40.37  | ng    | 96       |
| 17) 2-Methylphenol            | 8.216  | 107  | 131081   | 41.93  | ng    | # 91     |
| 18) Hexachloroethane          | 8.834  | 117  | 66330    | 39.44  | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 8.569  | 70   | 111584   | 38.64  | ng    | # 87     |
| 20) 3+4-Methylphenols         | 8.540  | 107  | 177336   | 42.74  | ng    | 92       |
| 22) Acetophenone              | 8.587  | 105  | 233538   | 38.13  | ng    | # 92     |
| 24) Nitrobenzene              | 8.963  | 77   | 174449   | 36.49  | ng    | # 82     |
| 25) Isophorone                | 9.487  | 82   | 299547   | 38.76  | ng    | # 92     |
| 26) 2-Nitrophenol             | 9.669  | 139  | 87339    | 46.12  | ng    | # 74     |
| 27) 2,4-Dimethylphenol        | 9.740  | 122  | 134751   | 45.75  | ng    | 85       |
| 28) bis(2-Chloroethoxy)met... | 9.969  | 93   | 178866   | 35.92  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.210 | 162  | 146421   | 41.15  | ng    | 94       |
| 30) 1,2,4-Trichlorobenzene    | 10.416 | 180  | 163088   | 37.10  | ng    | 99       |
| 31) Naphthalene               | 10.605 | 128  | 467607   | 38.02  | ng    | 99       |
| 32) Benzoic acid              | 9.893  | 122  | 97125    | 40.23  | ng    | # 82     |
| 33) 4-Chloroaniline           | 10.722 | 127  | 36748    | 7.28   | ng    | # 88     |
| 34) Hexachlorobutadiene       | 10.887 | 225  | 105769   | 35.82  | ng    | 97       |
| 35) Caprolactam               | 11.516 | 113  | 48117    | 42.79  | ng    | 84       |
| 36) 4-Chloro-3-methylphenol   | 11.863 | 107  | 166570   | 39.42  | ng    | # 85     |
| 37) 2-Methylnaphthalene       | 12.222 | 142  | 336615   | 38.47  | ng    | # 95     |
| 38) 1-Methylnaphthalene       | 12.222 | 142  | 336615   | 40.65  | ng    | 97       |
| 40) 1,2,4,5-Tetrachloroben... | 12.593 | 216  | 185111   | 40.01  | ng    | # 98     |
| 41) Hexachlorocyclopentadiene | 12.569 | 237  | 239231   | 90.91  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.840 | 196  | 121908   | 41.82  | ng    | 99       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP021921\  
 Data File : BP004822.D  
 Acq On : 19 Feb 2021 15:07  
 Operator : CG/JU  
 Sample : M1422-01MS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 BU-03-021621MS

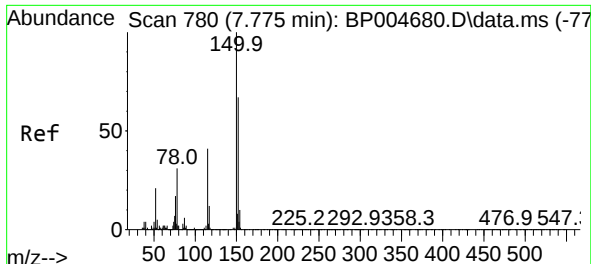
Quant Time: Feb 19 16:19:26 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP020521.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 19 12:04:44 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |     |
|-------------------------------|--------|------|----------|-------|-------|----------|-----|
| 44) 2,4,5-Trichlorophenol     | 12.916 | 196  | 132329   | 43.20 | ng    | #        | 95  |
| 46) 1,1'-Biphenyl             | 13.240 | 154  | 426272   | 39.54 | ng    |          | 99  |
| 47) 2-Chloronaphthalene       | 13.281 | 162  | 337263   | 38.17 | ng    |          | 96  |
| 48) 2-Nitroaniline            | 13.493 | 65   | 98906    | 37.92 | ng    | #        | 67  |
| 49) Acenaphthylene            | 14.134 | 152  | 522148   | 40.00 | ng    |          | 100 |
| 50) Dimethylphthalate         | 13.875 | 163  | 481762   | 42.53 | ng    |          | 99  |
| 51) 2,6-Dinitrotoluene        | 13.993 | 165  | 95604    | 41.88 | ng    | #        | 65  |
| 52) Acenaphthene              | 14.475 | 154  | 321336   | 38.82 | ng    |          | 96  |
| 53) 3-Nitroaniline            | 14.322 | 138  | 46259    | 19.48 | ng    | #        | 66  |
| 54) 2,4-Dinitrophenol         | 14.528 | 184  | 119301   | 90.73 | ng    | #        | 79  |
| 55) Dibenzofuran              | 14.810 | 168  | 504318   | 38.75 | ng    |          | 96  |
| 56) 4-Nitrophenol             | 14.651 | 139  | 164548   | 88.34 | ng    | #        | 55  |
| 57) 2,4-Dinitrotoluene        | 14.781 | 165  | 133184   | 42.58 | ng    | #        | 70  |
| 58) Fluorene                  | 15.463 | 166  | 420444   | 39.32 | ng    |          | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.040 | 232  | 122106   | 41.89 | ng    | #        | 99  |
| 60) Diethylphthalate          | 15.240 | 149  | 431386   | 38.00 | ng    |          | 99  |
| 61) 4-Chlorophenyl-phenyle... | 15.457 | 204  | 222451   | 37.47 | ng    |          | 96  |
| 62) 4-Nitroaniline            | 15.493 | 138  | 95123    | 36.68 | ng    | #        | 61  |
| 63) Azobenzene                | 15.751 | 77   | 391867   | 36.74 | ng    |          | 86  |
| 65) 4,6-Dinitro-2-methylph... | 15.545 | 198  | 83220    | 49.17 | ng    |          | 88  |
| 66) n-Nitrosodiphenylamine    | 15.675 | 169  | 362948   | 40.29 | ng    |          | 98  |
| 67) 4-Bromophenyl-phenylether | 16.357 | 248  | 138993   | 38.97 | ng    |          | 95  |
| 68) Hexachlorobenzene         | 16.469 | 284  | 151500   | 38.99 | ng    |          | 93  |
| 69) Atrazine                  | 16.634 | 200  | 122250   | 41.37 | ng    |          | 99  |
| 70) Pentachlorophenol         | 16.816 | 266  | 203017   | 93.36 | ng    |          | 99  |
| 71) Phenanthrene              | 17.210 | 178  | 668706   | 39.43 | ng    |          | 98  |
| 72) Anthracene                | 17.298 | 178  | 676422   | 41.48 | ng    |          | 99  |
| 73) Carbazole                 | 17.575 | 167  | 604220   | 40.38 | ng    |          | 99  |
| 74) Di-n-butylphthalate       | 18.128 | 149  | 752700   | 41.00 | ng    | #        | 98  |
| 75) Fluoranthene              | 19.181 | 202  | 832762   | 41.21 | ng    |          | 98  |
| 77) Benzidine                 | 19.363 | 184  | 255746   | 44.81 | ng    |          | 99  |
| 78) Pyrene                    | 19.534 | 202  | 836552   | 40.10 | ng    |          | 99  |
| 80) Butylbenzylphthalate      | 20.404 | 149  | 349832   | 42.67 | ng    | #        | 83  |
| 81) Benzo(a)anthracene        | 21.239 | 228  | 838765   | 39.98 | ng    |          | 98  |
| 82) 3,3'-Dichlorobenzidine    | 21.175 | 252  | 202424   | 30.44 | ng    |          | 98  |
| 83) Chrysene                  | 21.292 | 228  | 808624   | 39.80 | ng    |          | 97  |
| 84) Bis(2-ethylhexyl)phtha... | 21.163 | 149  | 517242   | 41.80 | ng    |          | 98  |
| 85) Di-n-octyl phthalate      | 22.057 | 149  | 884793   | 44.09 | ng    | #        | 93  |
| 87) Indeno(1,2,3-cd)pyrene    | 25.933 | 276  | 977173   | 41.23 | ng    |          | 96  |
| 88) Benzo(b)fluoranthene      | 22.910 | 252  | 842967   | 38.77 | ng    |          | 98  |
| 89) Benzo(k)fluoranthene      | 22.910 | 252  | 842967   | 40.39 | ng    | #        | 98  |
| 90) Benzo(a)pyrene            | 23.463 | 252  | 770683   | 39.22 | ng    | #        | 97  |
| 91) Dibenzo(a,h)anthracene    | 25.951 | 278  | 829831   | 41.97 | ng    | #        | 96  |
| 92) Benzo(g,h,i)perylene      | 26.663 | 276  | 800075   | 42.17 | ng    | #        | 95  |

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

Quant Time: Feb 19 16:19:26 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP020521.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Feb 19 12:04:44 2021  
Response via : Initial Calibration

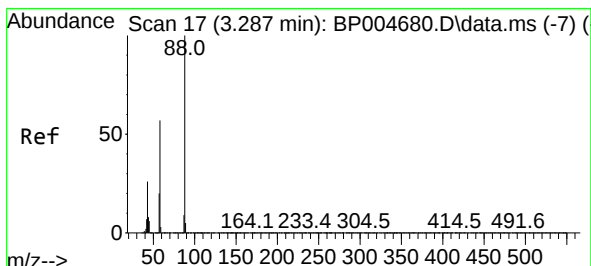
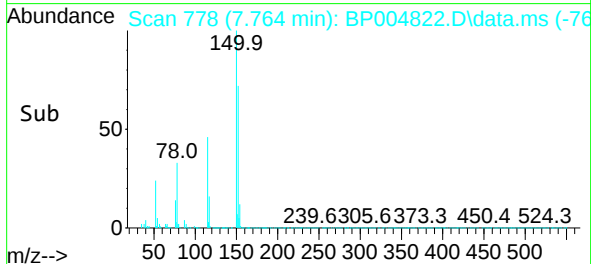
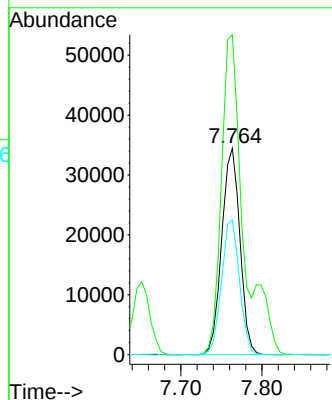
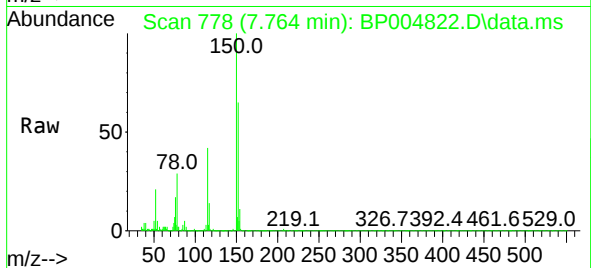




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.764 min Scan# 778  
Delta R.T. 0.000 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

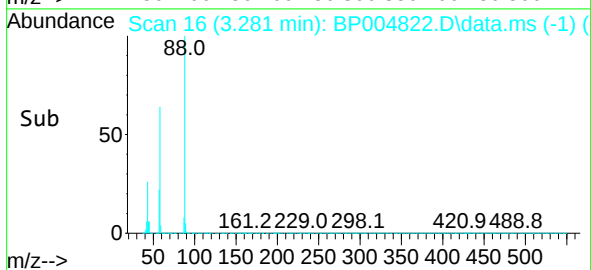
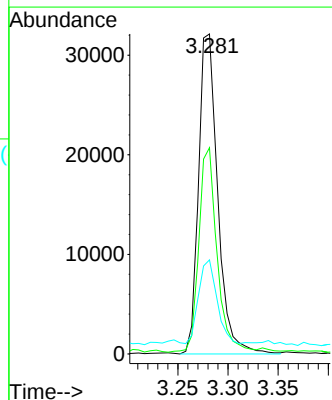
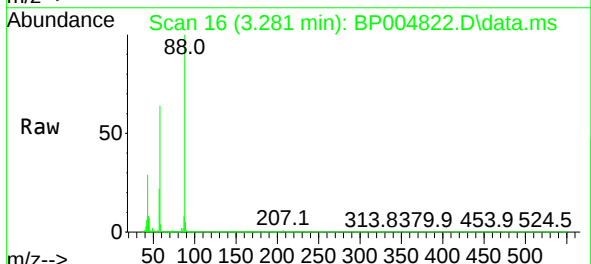
Instrument :  
BNA\_P  
ClientSampleId :  
BU-03-021621MS

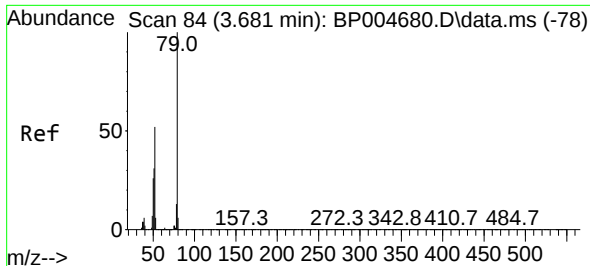
Tgt Ion:152 Resp: 53659  
Ion Ratio Lower Upper  
152 100  
150 155.0 123.8 185.6  
115 65.2 43.8 65.6



#2  
1,4-Dioxane  
Concen: 28.88 ng  
RT: 3.281 min Scan# 16  
Delta R.T. 0.000 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

Tgt Ion: 88 Resp: 42957  
Ion Ratio Lower Upper  
88 100  
58 60.3 44.2 66.4  
43 26.4 15.2 22.8#

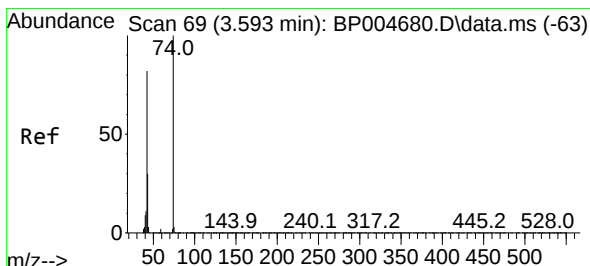
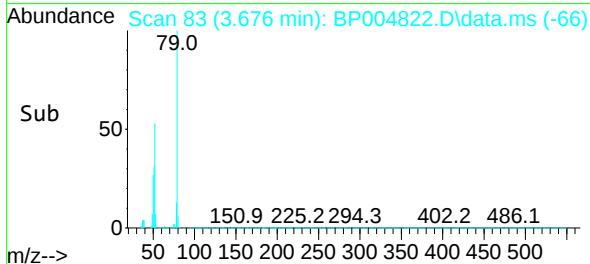
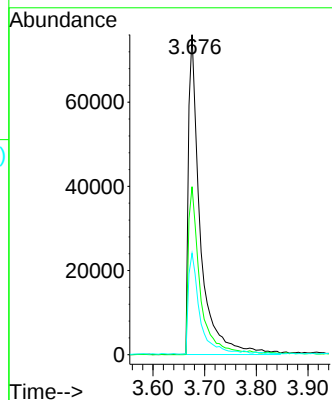
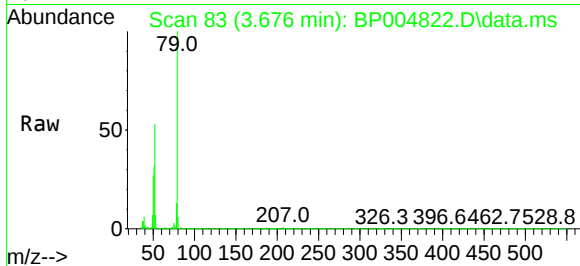




#3  
Pyridine  
Concen: 32.01 ng  
RT: 3.676 min Scan# 83  
Delta R.T. 0.000 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

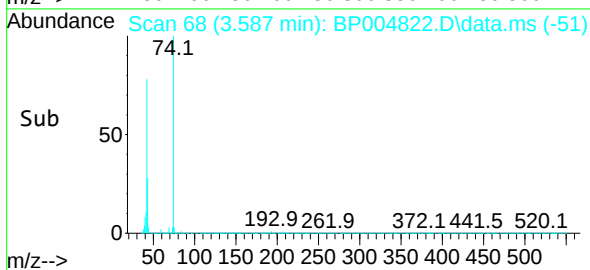
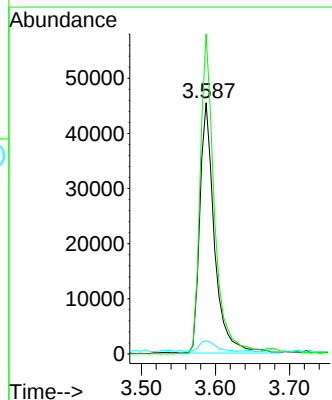
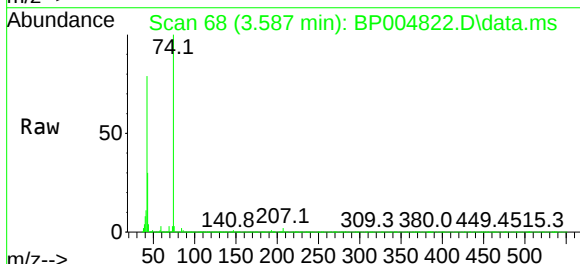
Instrument :  
BNA\_P  
ClientSampleId :  
BU-03-021621MS

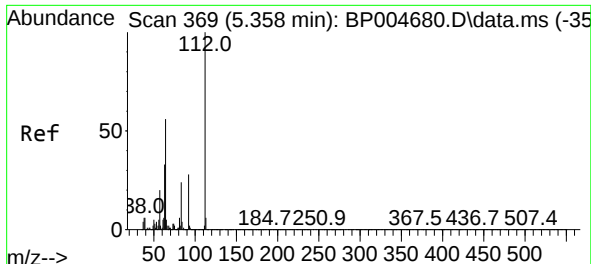
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 79    | Resp: | 120539 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 52       | 52.5  | 41.3  | 61.9   |
| 51       | 31.7  | 21.2  | 31.8   |



#4  
n-Nitrosodimethylamine  
Concen: 39.85 ng  
RT: 3.587 min Scan# 68  
Delta R.T. 0.000 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 62444  |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 74       | 127.4 | 148.6 | 223.0# |
| 44       | 5.2   | 5.3   | 7.9#   |

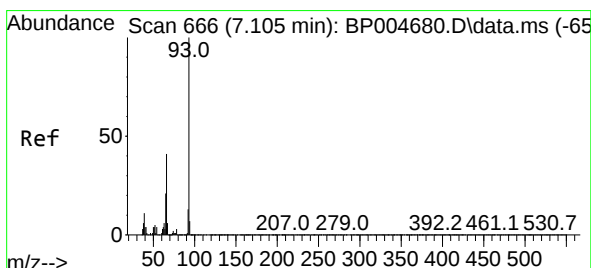
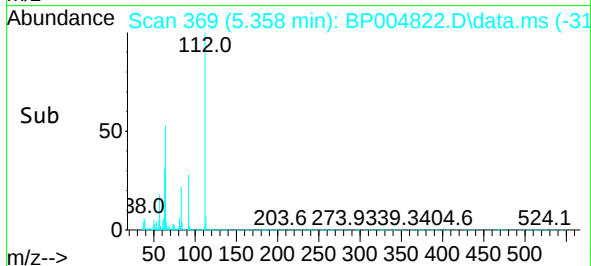
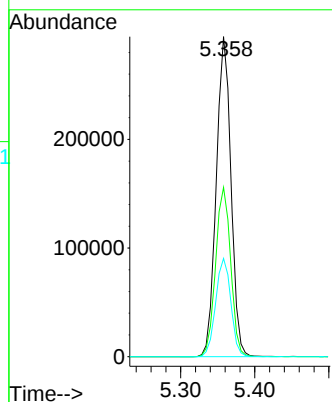
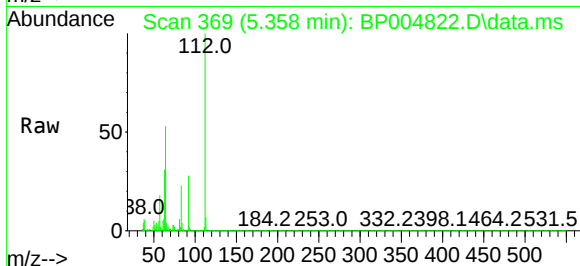




#5  
2-Fluorophenol  
Concen: 116.90 ng  
RT: 5.358 min Scan# 369  
Delta R.T. 0.006 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

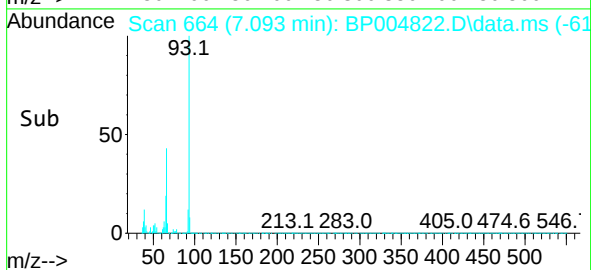
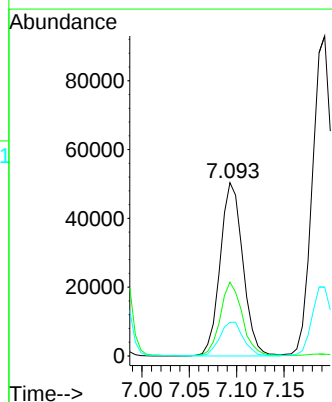
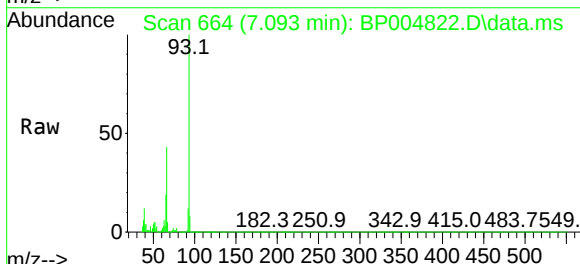
Instrument :  
BNA\_P  
ClientSampleId :  
BU-03-021621MS

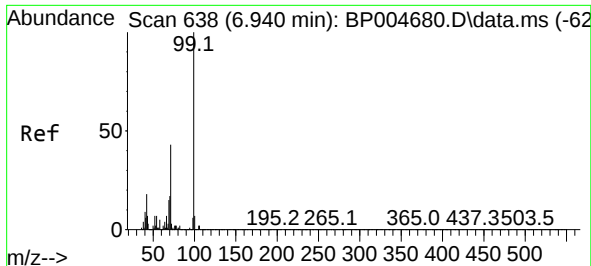
Tgt Ion:112 Resp: 406273  
Ion Ratio Lower Upper  
112 100  
64 52.9 32.8 49.2#  
63 30.7 17.0 25.4#



#6  
Aniline  
Concen: 15.81 ng  
RT: 7.093 min Scan# 664  
Delta R.T. 0.000 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

Tgt Ion: 93 Resp: 84280  
Ion Ratio Lower Upper  
93 100  
66 42.5 25.4 38.0#  
65 19.4 12.5 18.7#

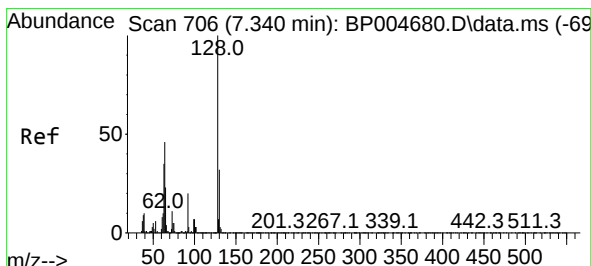
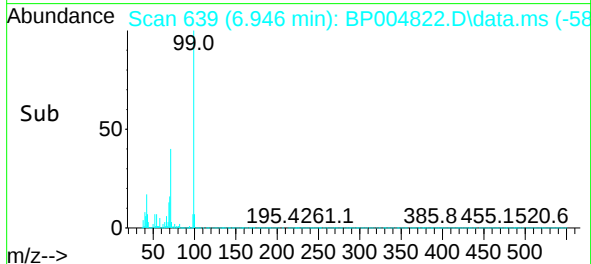
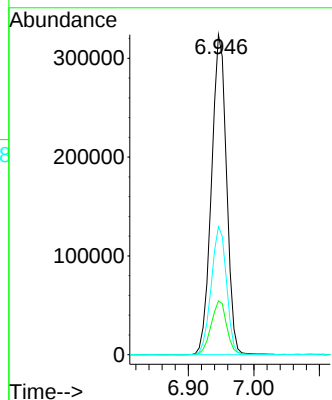
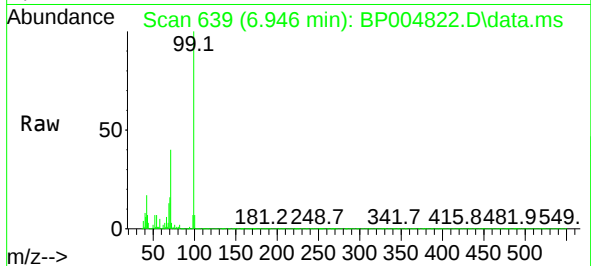




#7  
Phenol-d6  
Concen: 108.25 ng  
RT: 6.946 min Scan# 639  
Delta R.T. 0.000 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

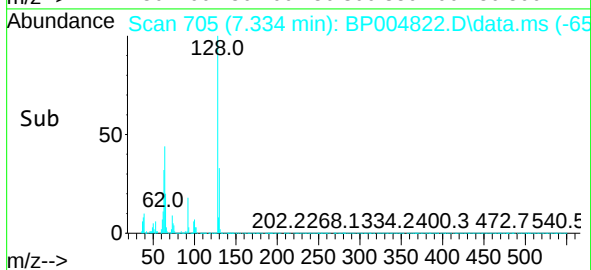
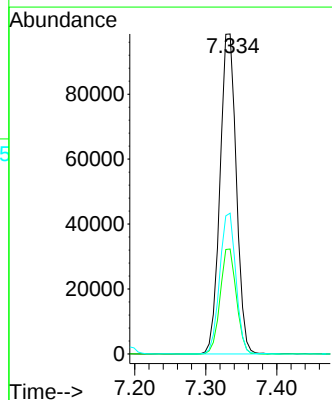
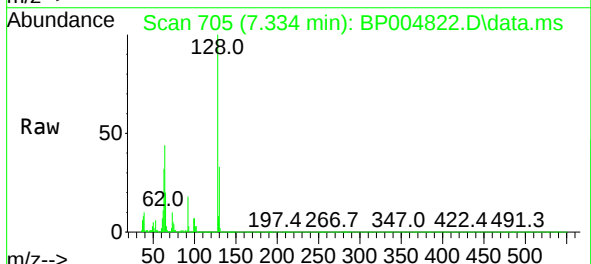
Instrument :  
BNA\_P  
ClientSampleId :  
BU-03-021621MS

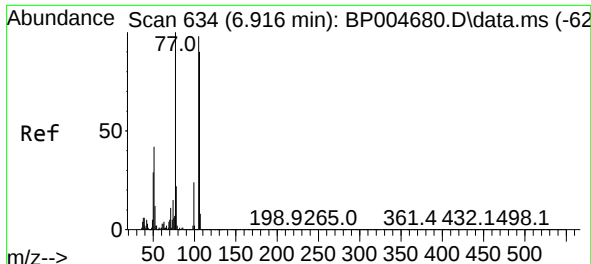
Tgt Ion: 99 Resp: 517323  
Ion Ratio Lower Upper  
99 100  
42 16.8 8.6 13.0#  
71 40.0 23.4 35.2#



#8  
2-Chlorophenol  
Concen: 43.13 ng  
RT: 7.334 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

Tgt Ion: 128 Resp: 156611  
Ion Ratio Lower Upper  
128 100  
130 32.8 13.0 53.0  
64 44.0 10.4 50.4

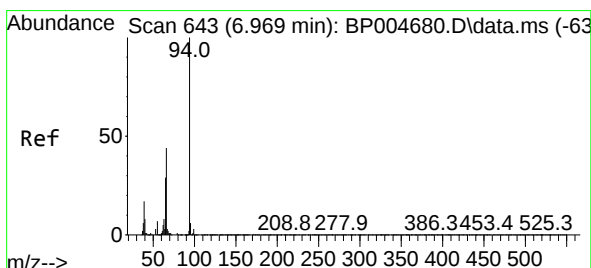
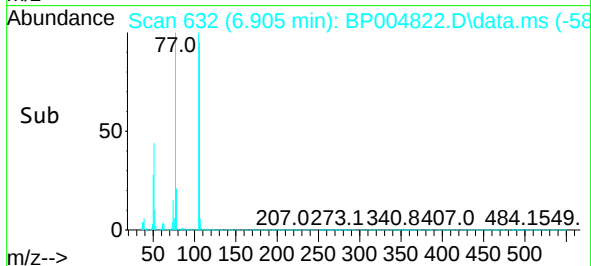
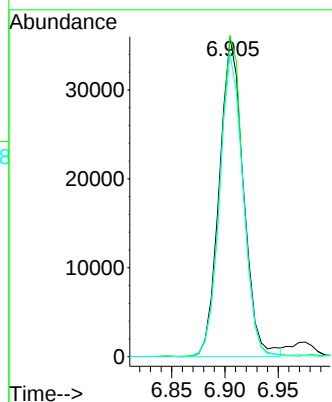
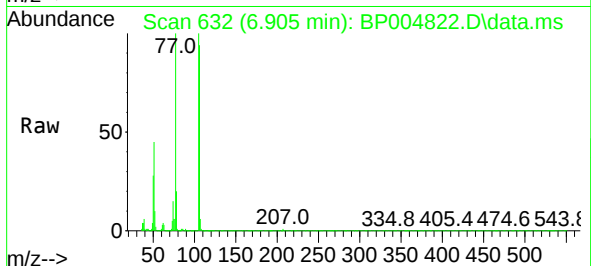




#9  
Benzaldehyde  
Concen: 28.11 ng  
RT: 6.905 min Scan# 632  
Delta R.T. 0.000 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

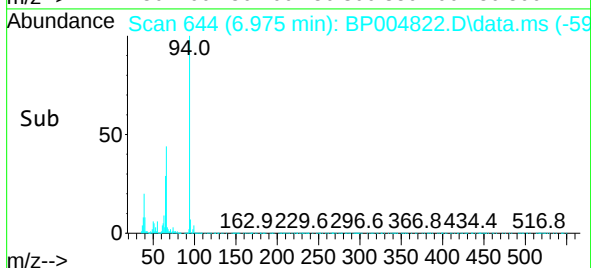
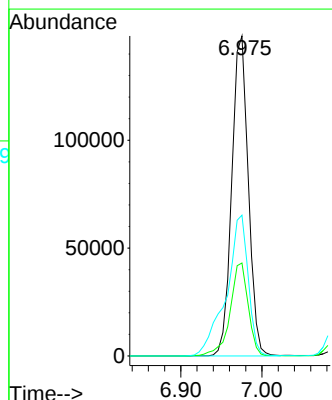
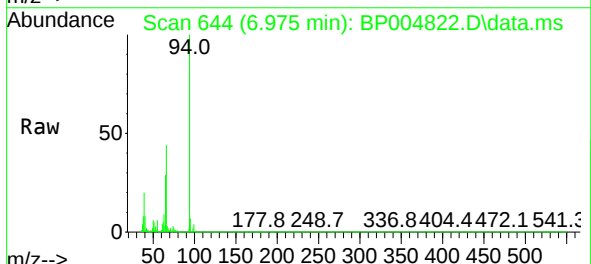
Instrument :  
BNA\_P  
ClientSampleId :  
BU-03-021621MS

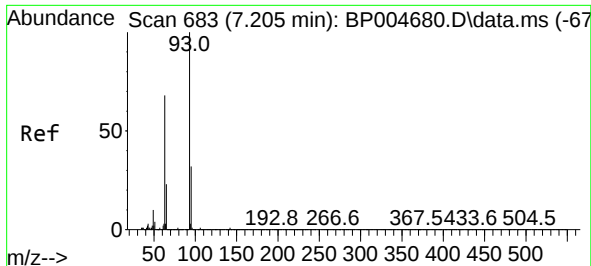
Tgt Ion: 77 Resp: 56413  
Ion Ratio Lower Upper  
77 100  
105 100.4 97.1 137.1  
106 94.9 93.7 133.7



#10  
Phenol  
Concen: 45.34 ng  
RT: 6.975 min Scan# 644  
Delta R.T. 0.006 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

Tgt Ion: 94 Resp: 209732  
Ion Ratio Lower Upper  
94 100  
65 29.1 2.3 42.3  
66 44.0 10.9 50.9

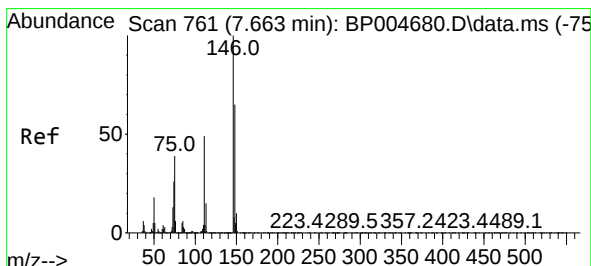
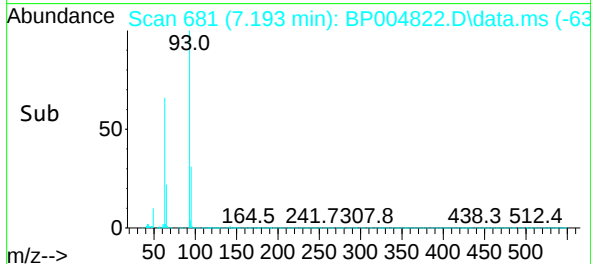
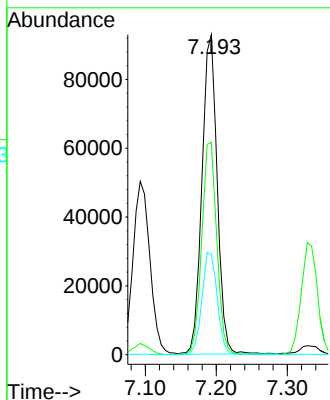
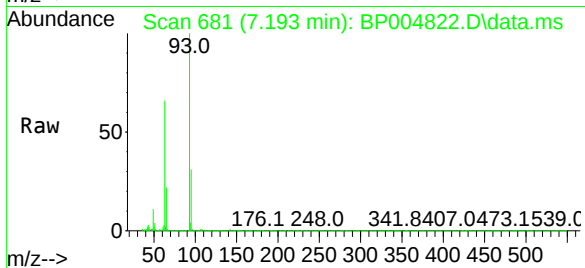




#11  
bis(2-Chloroethyl)ether  
Concen: 39.17 ng  
RT: 7.193 min Scan# 681  
Delta R.T. 0.000 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

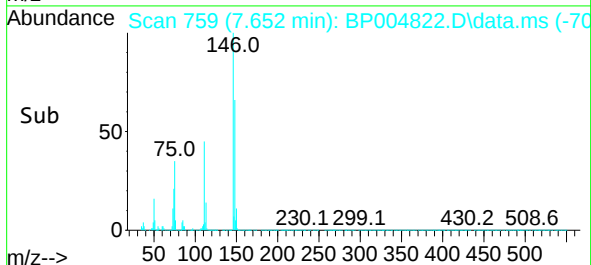
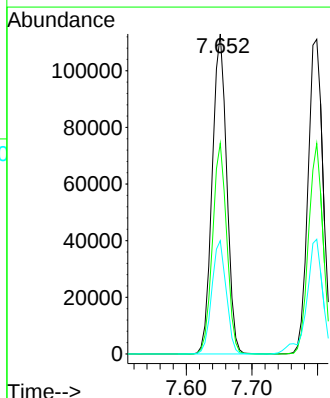
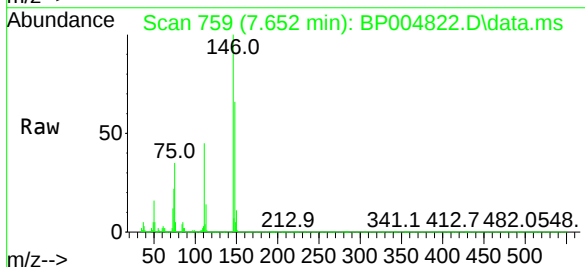
Instrument :  
BNA\_P  
ClientSampleId :  
BU-03-021621MS

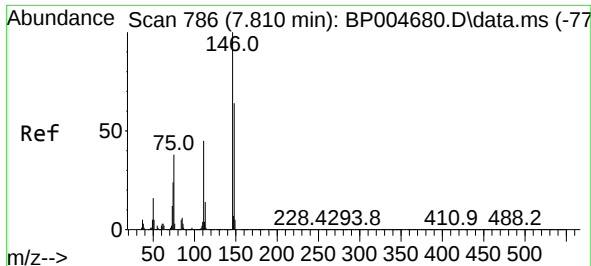
Tgt Ion: 93 Resp: 138571  
Ion Ratio Lower Upper  
93 100  
63 66.4 39.0 79.0  
95 31.4 12.8 52.8



#12  
1,3-Dichlorobenzene  
Concen: 39.30 ng  
RT: 7.652 min Scan# 759  
Delta R.T. 0.000 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

Tgt Ion:146 Resp: 173649  
Ion Ratio Lower Upper  
146 100  
148 65.9 52.5 78.7  
75 35.4 18.1 27.1#

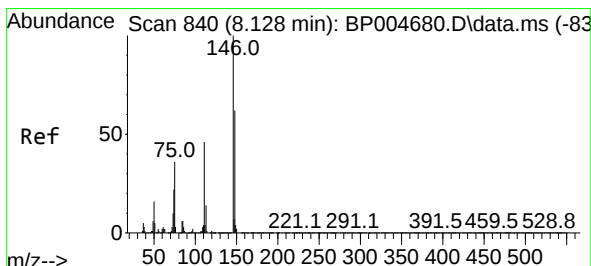
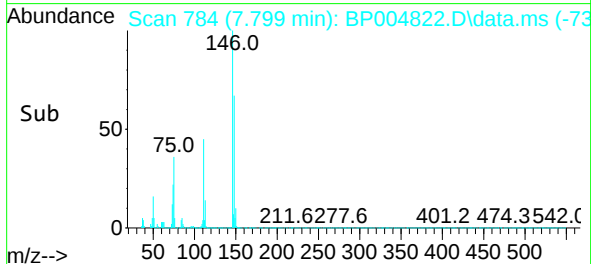
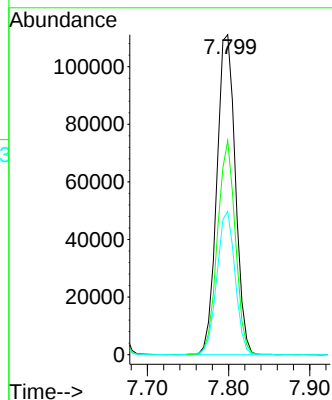
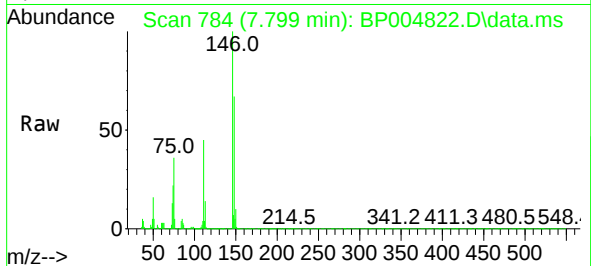




#13  
1,4-Dichlorobenzene  
Concen: 39.22 ng  
RT: 7.799 min Scan# 784  
Delta R.T. 0.000 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

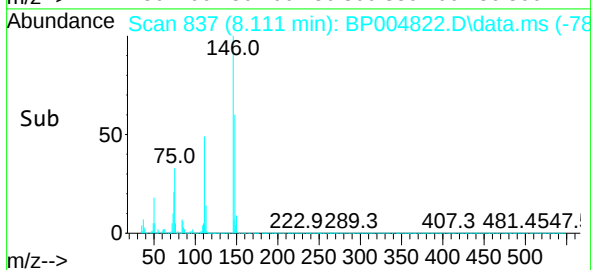
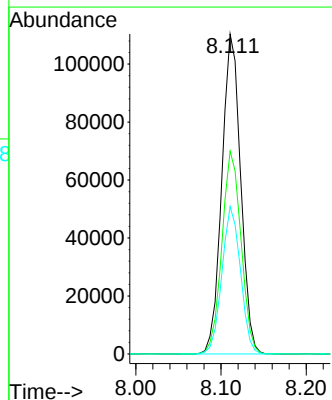
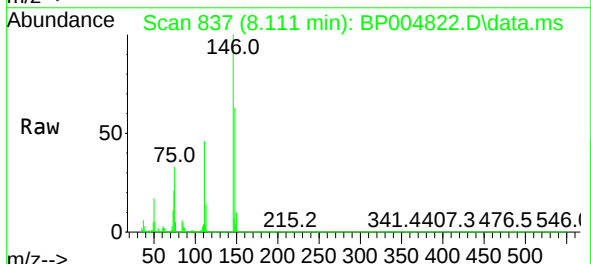
Instrument :  
BNA\_P  
ClientSampleId :  
BU-03-021621MS

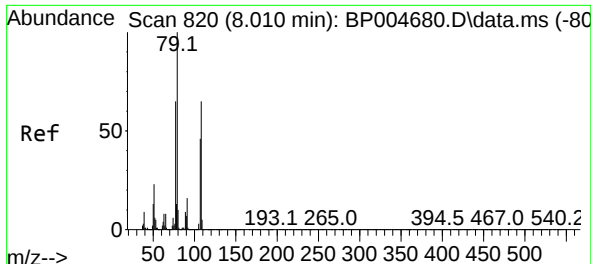
Tgt Ion:146 Resp: 176065  
Ion Ratio Lower Upper  
146 100  
148 66.9 51.3 76.9  
111 44.8 28.9 43.3#



#14  
1,2-Dichlorobenzene  
Concen: 39.36 ng  
RT: 8.111 min Scan# 837  
Delta R.T. 0.000 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

Tgt Ion:146 Resp: 169420  
Ion Ratio Lower Upper  
146 100  
148 63.4 51.6 77.4  
111 46.1 31.0 46.6

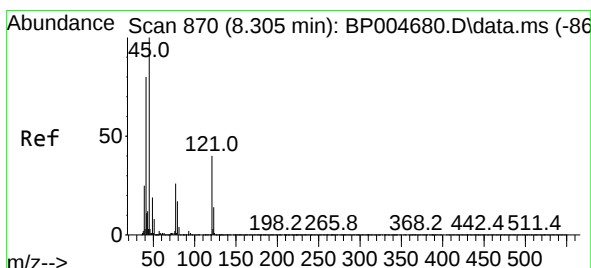
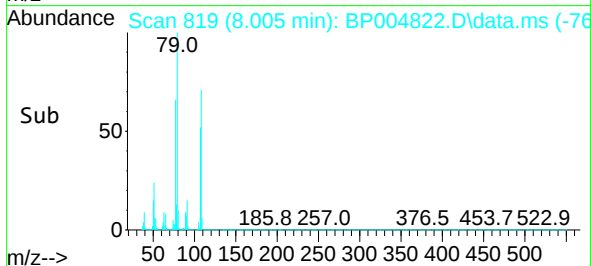
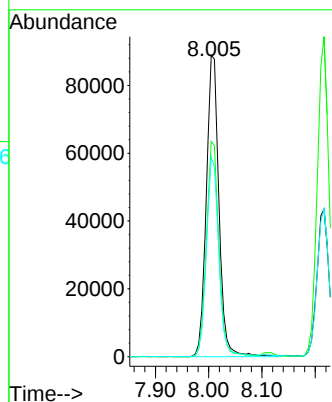
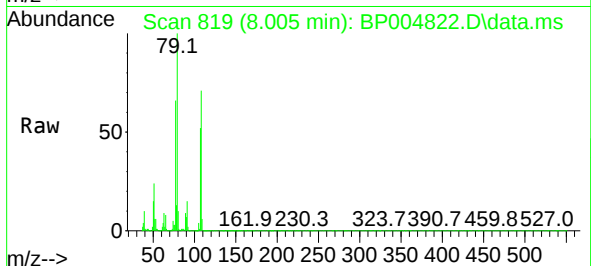




#15  
Benzyl Alcohol  
Concen: 40.79 ng  
RT: 8.005 min Scan# 819  
Delta R.T. 0.000 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

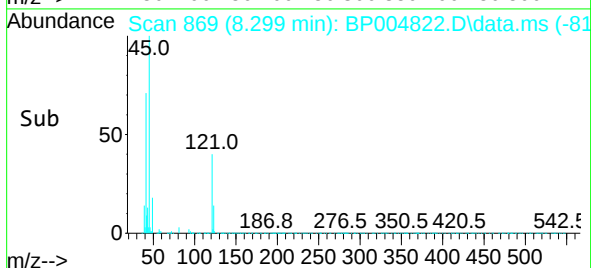
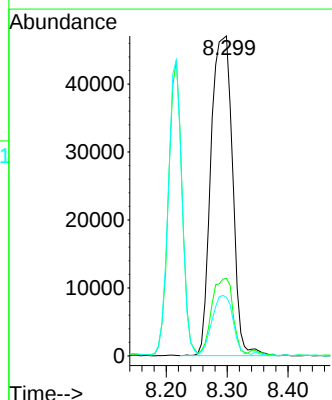
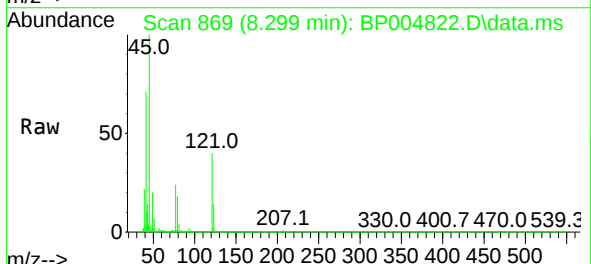
Instrument :  
BNA\_P  
ClientSampleId :  
BU-03-021621MS

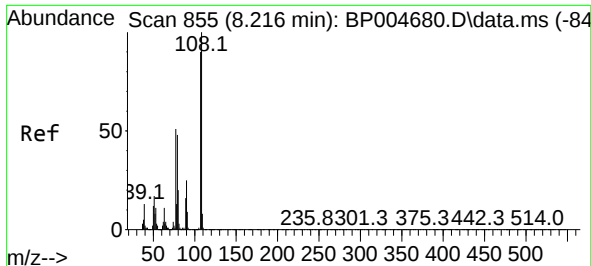
Tgt Ion: 79 Resp: 146384  
Ion Ratio Lower Upper  
79 100  
108 71.4 73.5 110.3#  
77 66.3 50.3 75.5



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 40.37 ng  
RT: 8.299 min Scan# 869  
Delta R.T. 0.006 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

Tgt Ion: 45 Resp: 115509  
Ion Ratio Lower Upper  
45 100  
77 24.3 2.3 42.3  
79 18.4 0.0 36.6

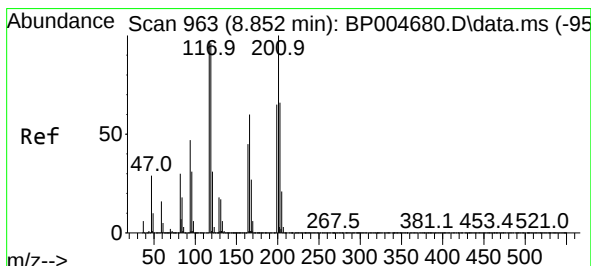
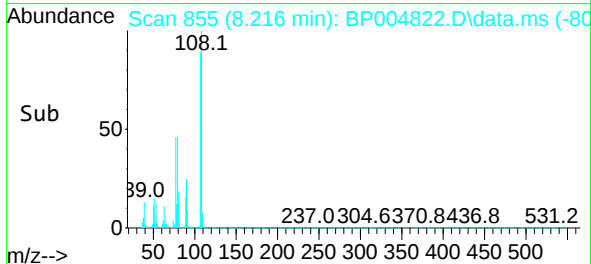
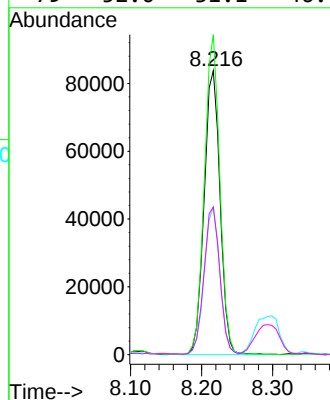
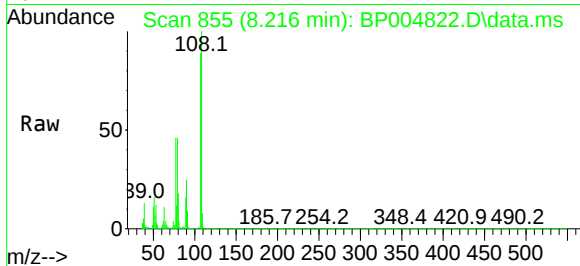




#17  
2-Methylphenol  
Concen: 41.93 ng  
RT: 8.216 min Scan# 855  
Delta R.T. 0.006 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

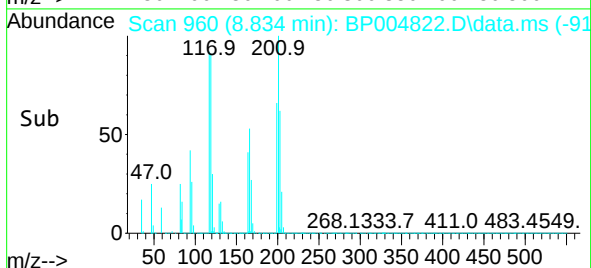
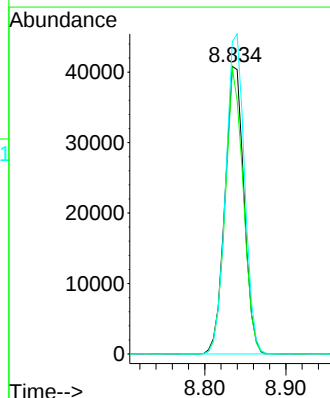
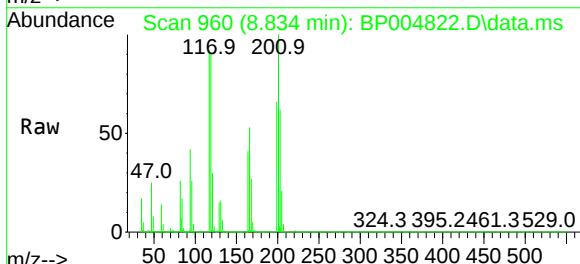
Instrument :  
BNA\_P  
ClientSampleId :  
BU-03-021621MS

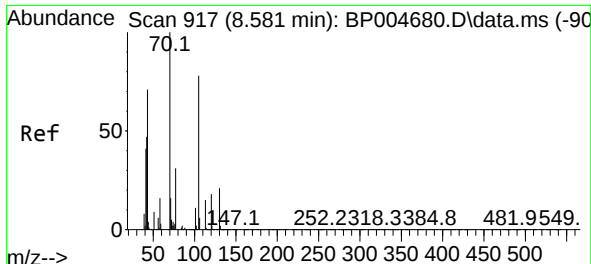
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 131081 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 112.7 | 89.6  | 134.4  |
| 77        | 51.9  | 31.8  | 47.6#  |
| 79        | 52.0  | 31.1  | 46.7#  |



#18  
Hexachloroethane  
Concen: 39.44 ng  
RT: 8.834 min Scan# 960  
Delta R.T. -0.005 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

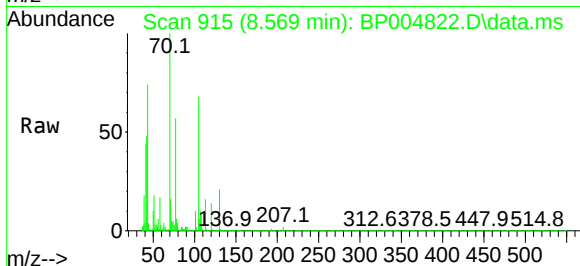
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 66330 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 99.3  | 78.8  | 118.2 |
| 201       | 108.7 | 92.3  | 138.5 |



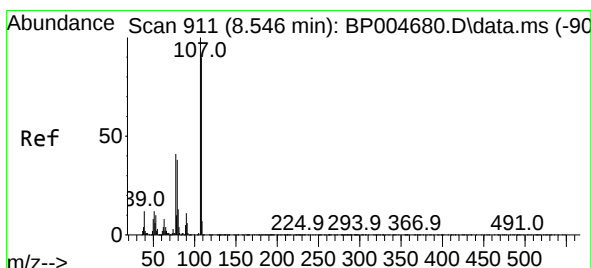
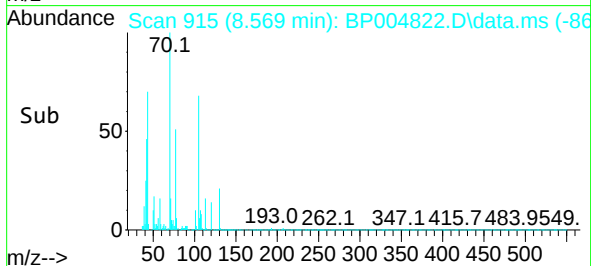
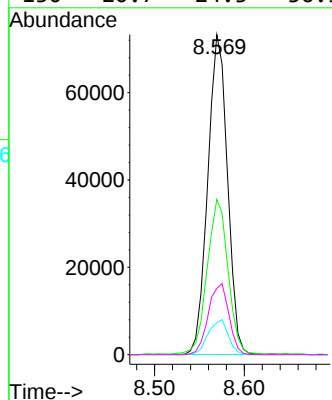


#19  
n-Nitroso-di-n-propylamine  
Concen: 38.64 ng  
RT: 8.569 min Scan# 915  
Delta R.T. 0.000 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

Instrument :  
BNA\_P  
ClientSampleId :  
BU-03-021621MS

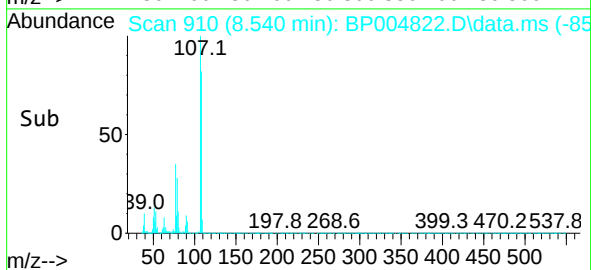
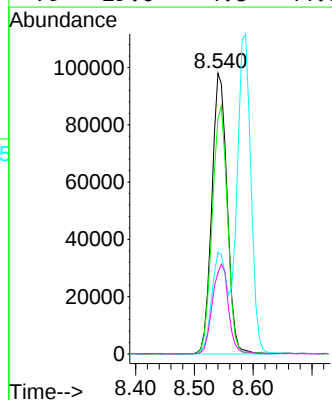
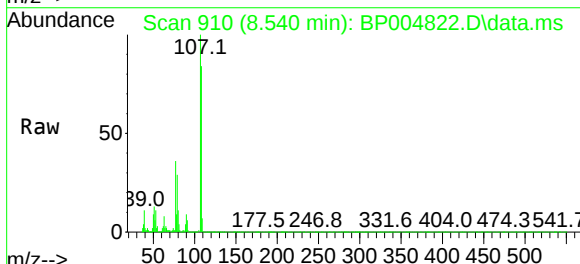


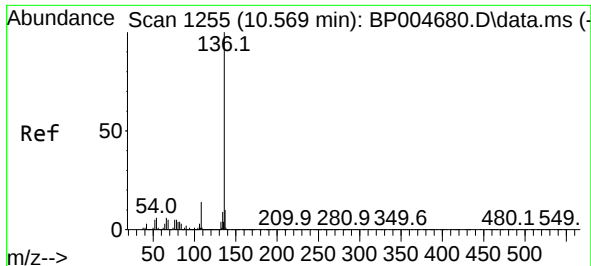
| Tgt Ion: | 70    | Resp: | 111584 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 48.5  | 32.8  | 49.2   |
| 101      | 10.0  | 9.6   | 14.4   |
| 130      | 20.7  | 24.3  | 36.5   |



#20  
3+4-Methylphenols  
Concen: 42.74 ng  
RT: 8.540 min Scan# 910  
Delta R.T. 0.000 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

| Tgt Ion: | 107   | Resp: | 177336 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 83.7  | 69.0  | 109.0  |
| 77       | 36.2  | 8.5   | 48.5   |
| 79       | 29.0  | 4.8   | 44.8   |

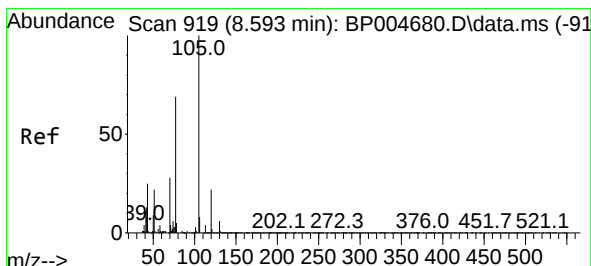
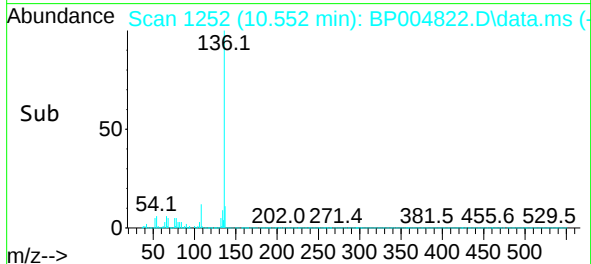
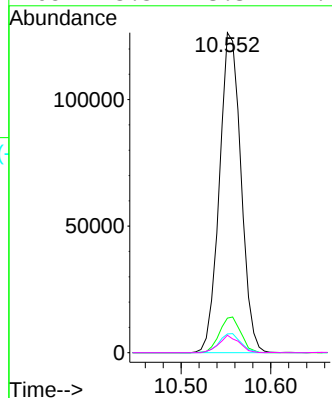
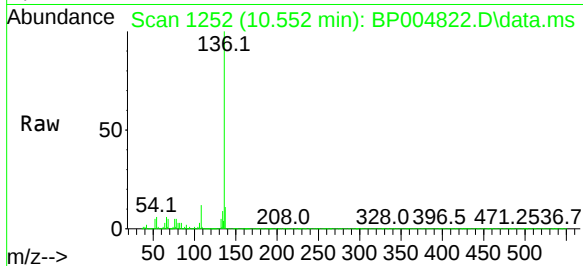




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.552 min Scan# 1252  
Delta R.T. -0.005 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

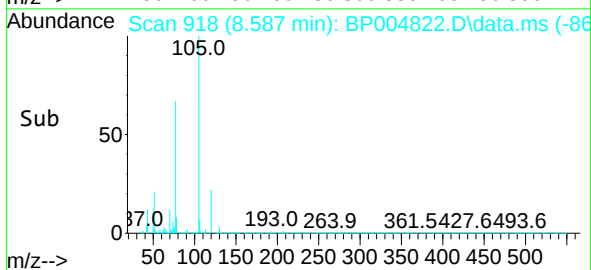
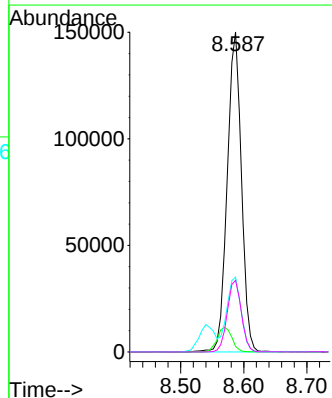
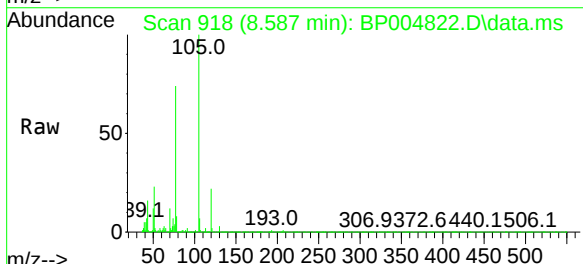
Instrument :  
BNA\_P  
ClientSampleId :  
BU-03-021621MS

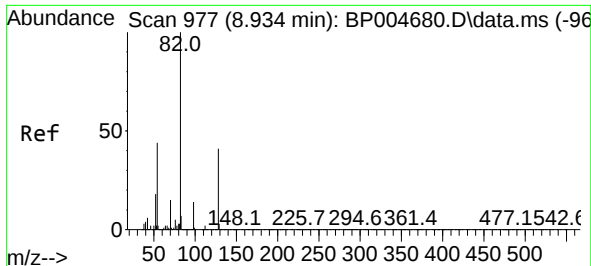
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 210723 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 10.8  | 8.6   | 13.0   |
| 54        | 5.9   | 3.6   | 5.4#   |
| 68        | 5.5   | 3.3   | 4.9#   |



#22  
Acetophenone  
Concen: 38.13 ng  
RT: 8.587 min Scan# 918  
Delta R.T. 0.000 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 233538 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 1.7   | 2.6   | 3.8#   |
| 51        | 23.4  | 13.5  | 20.3#  |
| 120       | 22.4  | 19.6  | 29.4   |

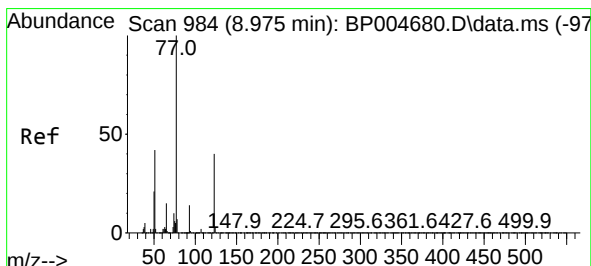
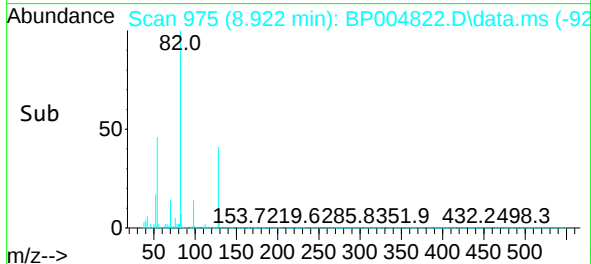
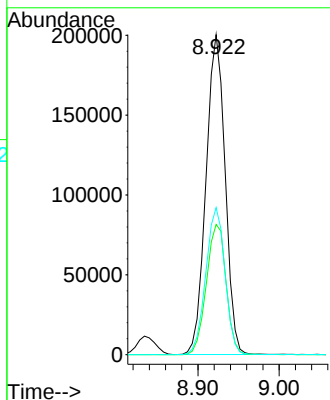
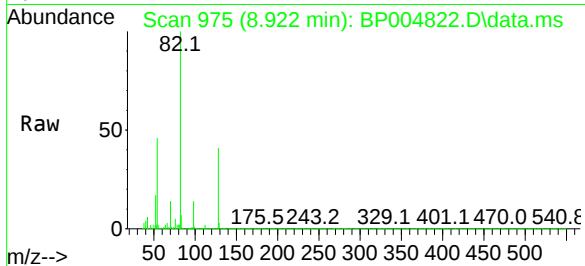




#23  
Nitrobenzene-d5  
Concen: 67.77 ng  
RT: 8.922 min Scan# 975  
Delta R.T. 0.000 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

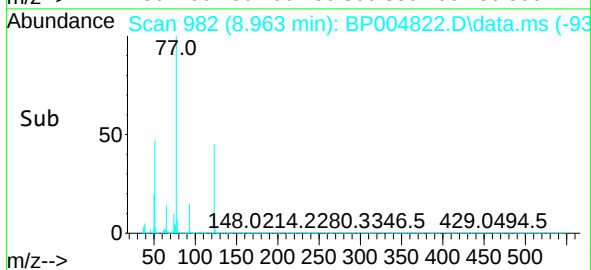
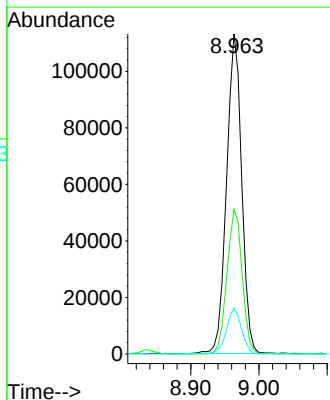
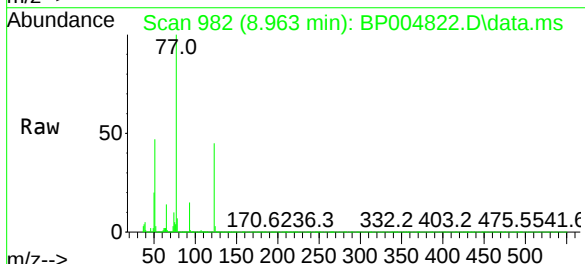
Instrument :  
BNA\_P  
ClientSampleId :  
BU-03-021621MS

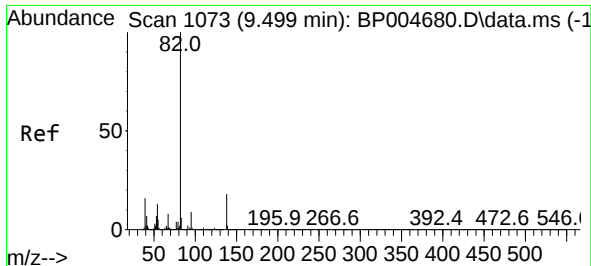
Tgt Ion: 82 Resp: 327780  
Ion Ratio Lower Upper  
82 100  
128 40.7 45.6 68.4#  
54 46.0 30.1 45.1#



#24  
Nitrobenzene  
Concen: 36.49 ng  
RT: 8.963 min Scan# 982  
Delta R.T. 0.000 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

Tgt Ion: 77 Resp: 174449  
Ion Ratio Lower Upper  
77 100  
123 45.2 48.6 72.8#  
65 14.5 10.0 15.0

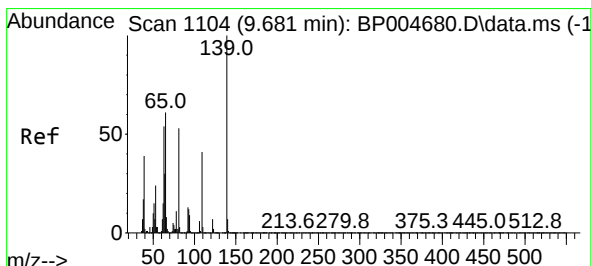
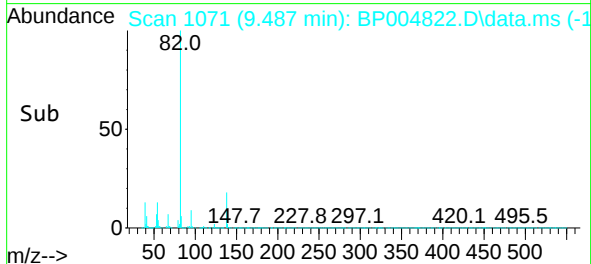
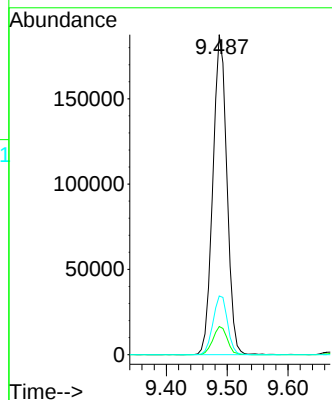
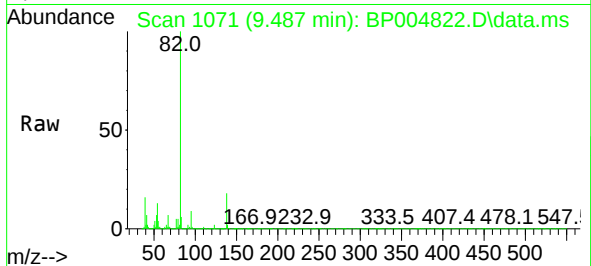




#25  
Isophorone  
Concen: 38.76 ng  
RT: 9.487 min Scan# 1071  
Delta R.T. 0.000 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

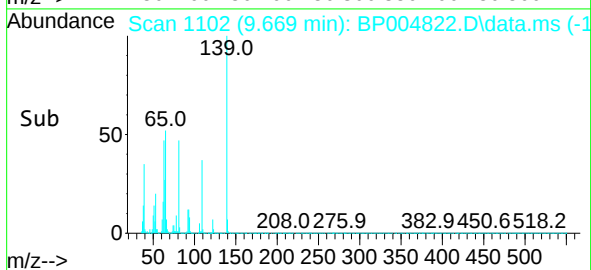
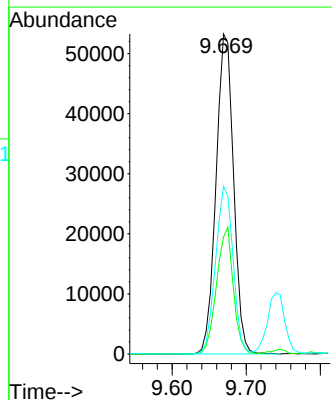
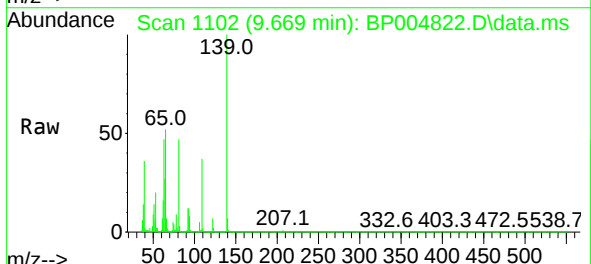
Instrument :  
BNA\_P  
ClientSampleId :  
BU-03-021621MS

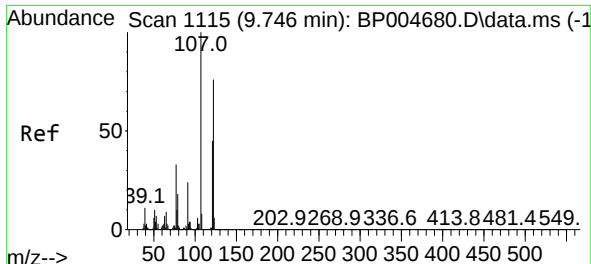
Tgt Ion: 82 Resp: 299547  
Ion Ratio Lower Upper  
82 100  
95 8.8 6.4 9.6  
138 18.4 18.7 28.1#



#26  
2-Nitrophenol  
Concen: 46.12 ng  
RT: 9.669 min Scan# 1102  
Delta R.T. -0.005 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

Tgt Ion: 139 Resp: 87339  
Ion Ratio Lower Upper  
139 100  
109 36.6 22.1 33.1#  
65 52.4 26.5 39.7#

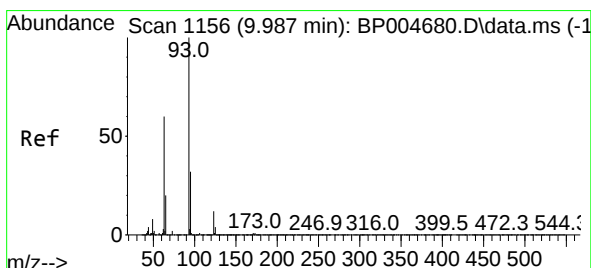
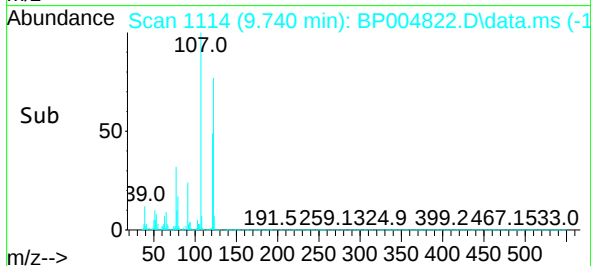
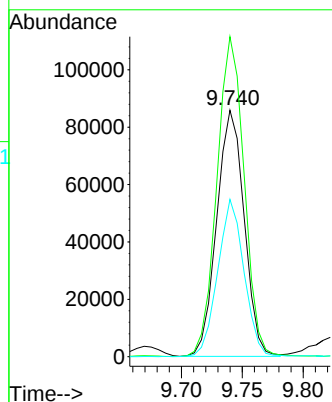
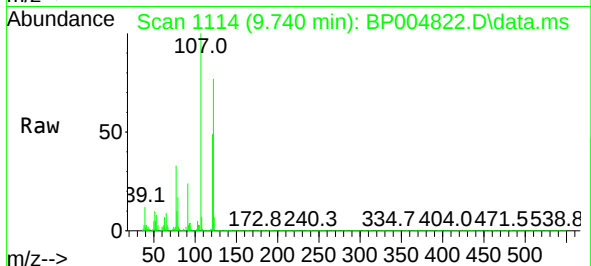




#27  
2,4-Dimethylphenol  
Concen: 45.75 ng  
RT: 9.740 min Scan# 1114  
Delta R.T. 0.000 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

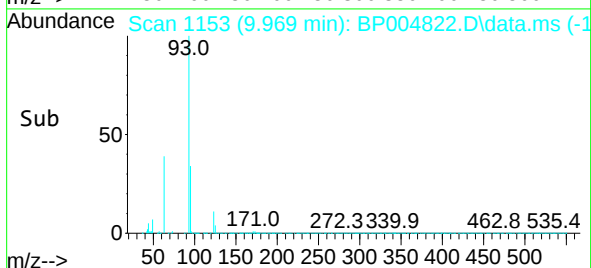
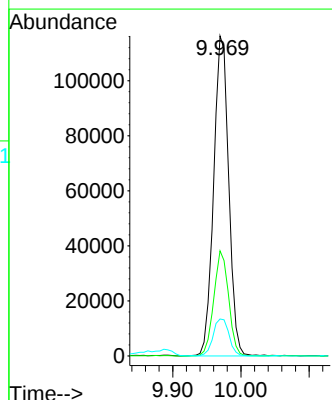
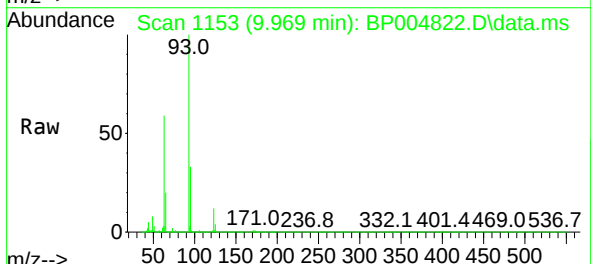
Instrument :  
BNA\_P  
ClientSampleId :  
BU-03-021621MS

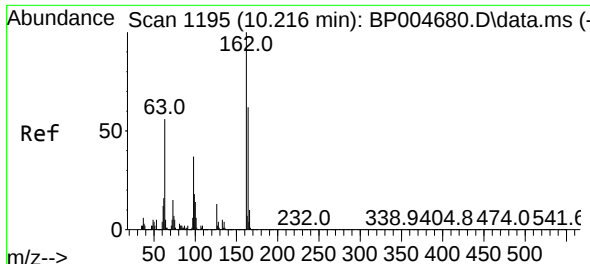
Tgt Ion:122 Resp: 134751  
Ion Ratio Lower Upper  
122 100  
107 129.9 87.3 130.9  
121 63.8 47.3 70.9



#28  
bis(2-Chloroethoxy)methane  
Concen: 35.92 ng  
RT: 9.969 min Scan# 1153  
Delta R.T. 0.000 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

Tgt Ion: 93 Resp: 178866  
Ion Ratio Lower Upper  
93 100  
95 32.9 26.7 40.1  
123 11.6 10.5 15.7

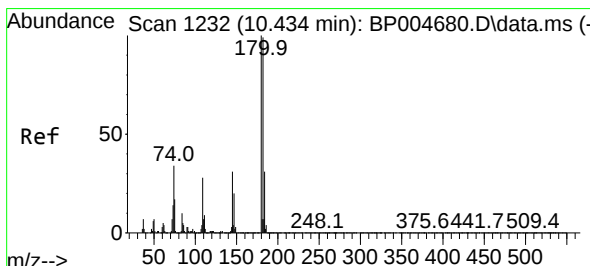
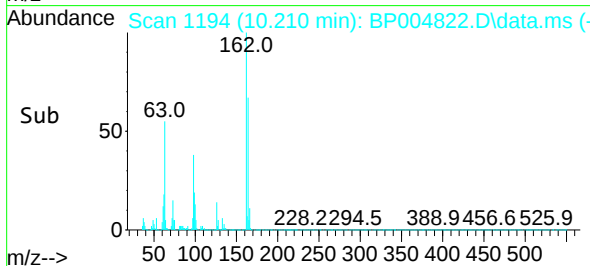
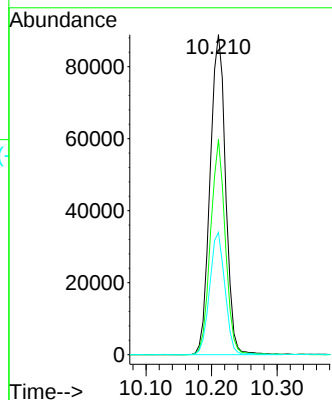
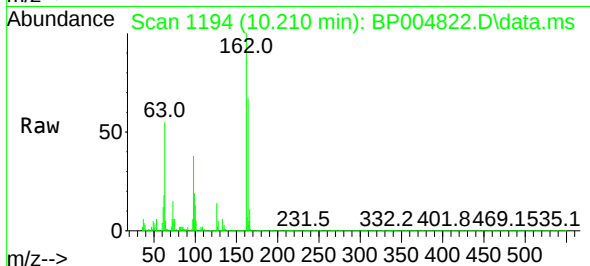




#29  
2,4-Dichlorophenol  
Concen: 41.15 ng  
RT: 10.210 min Scan# 1194  
Delta R.T. 0.000 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

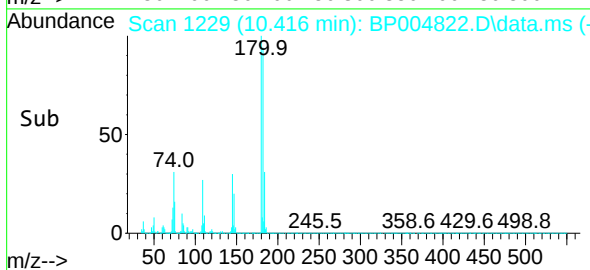
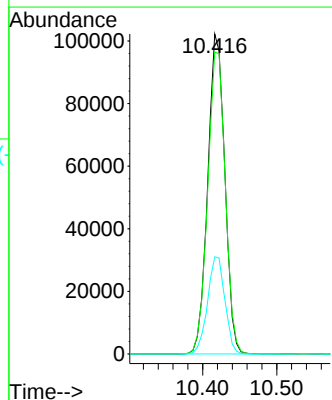
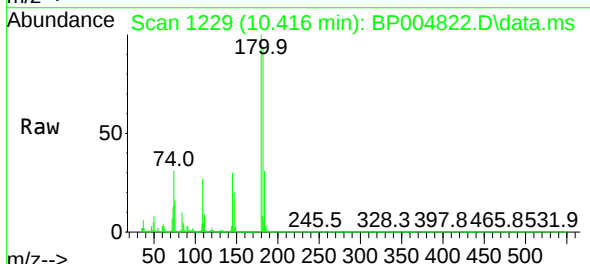
Instrument :  
BNA\_P  
ClientSampleId :  
BU-03-021621MS

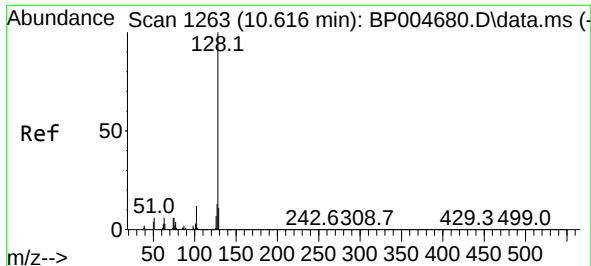
Tgt Ion:162 Resp: 146421  
Ion Ratio Lower Upper  
162 100  
164 67.3 45.8 85.8  
98 38.2 10.2 50.2



#30  
1,2,4-Trichlorobenzene  
Concen: 37.10 ng  
RT: 10.416 min Scan# 1229  
Delta R.T. -0.005 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

Tgt Ion:180 Resp: 163088  
Ion Ratio Lower Upper  
180 100  
182 94.4 76.2 114.2  
145 30.4 23.8 35.8

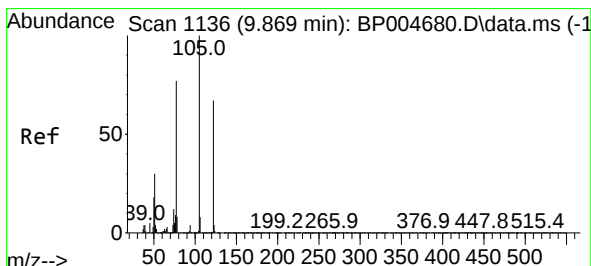
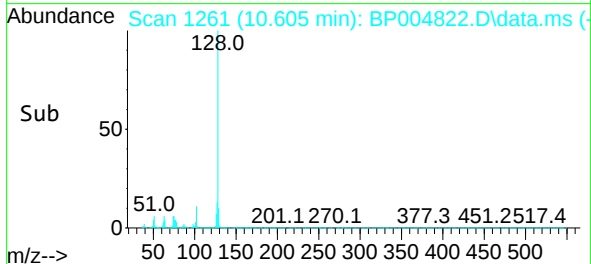
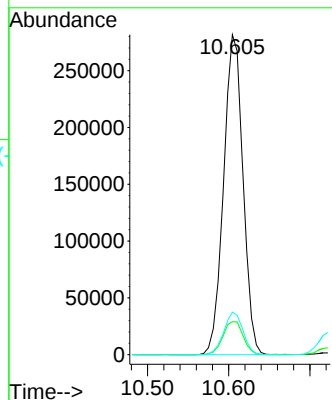
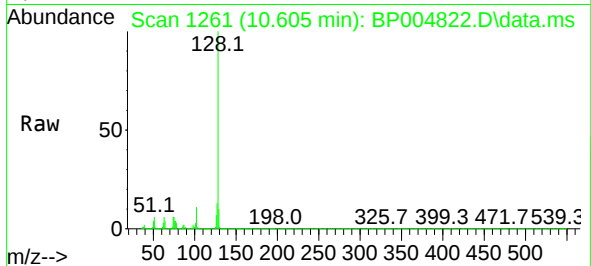




#31  
Naphthalene  
Concen: 38.02 ng  
RT: 10.605 min Scan# 1261  
Delta R.T. 0.000 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

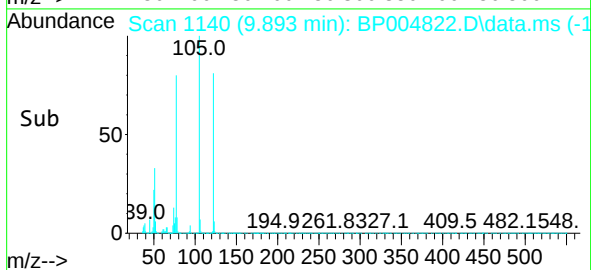
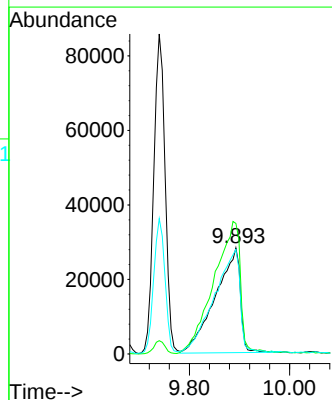
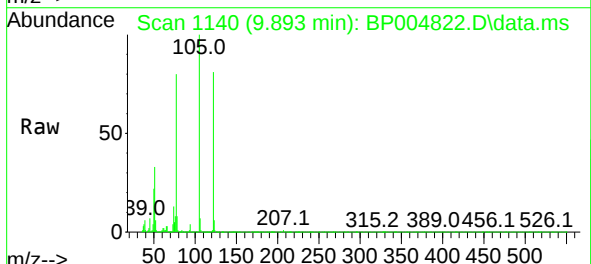
Instrument :  
BNA\_P  
ClientSampleId :  
BU-03-021621MS

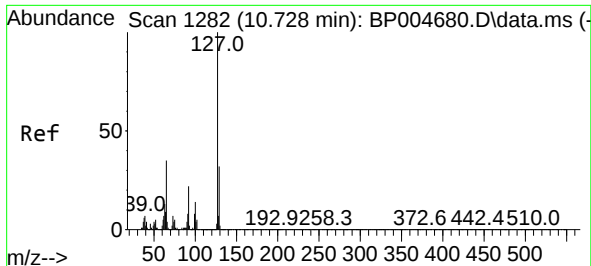
Tgt Ion:128 Resp: 467607  
Ion Ratio Lower Upper  
128 100  
129 10.3 8.8 13.2  
127 13.3 10.6 15.8



#32  
Benzoic acid  
Concen: 40.23 ng  
RT: 9.893 min Scan# 1140  
Delta R.T. 0.024 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

Tgt Ion:122 Resp: 97125  
Ion Ratio Lower Upper  
122 100  
105 123.1 94.1 134.1  
77 98.6 50.1 90.1#

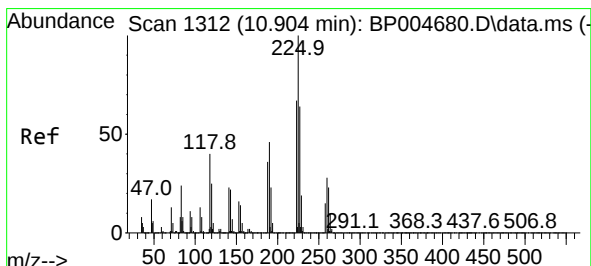
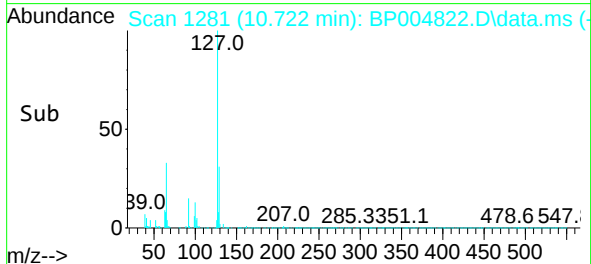
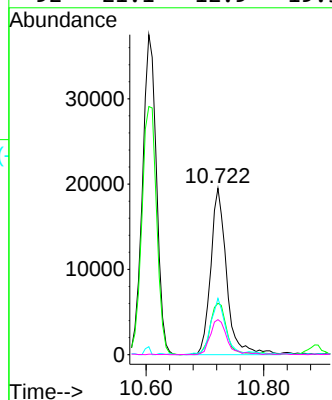
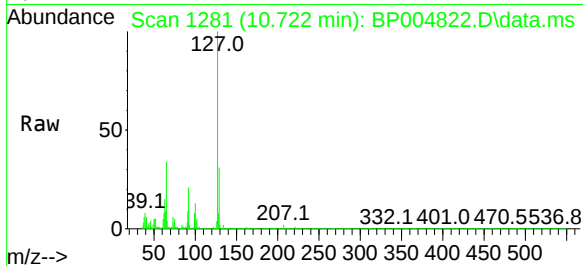




#33  
4-Chloroaniline  
Concen: 7.28 ng  
RT: 10.722 min Scan# 1281  
Delta R.T. 0.000 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

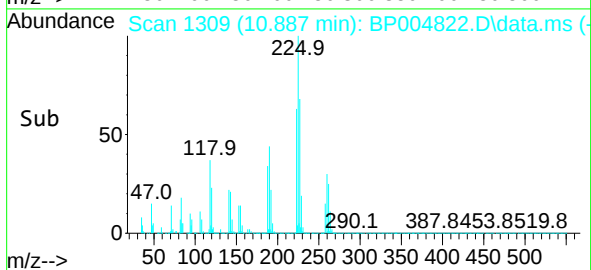
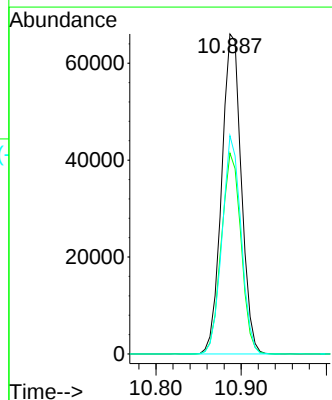
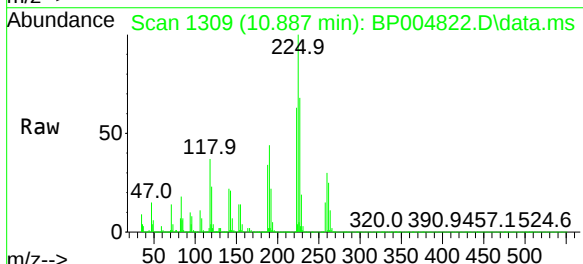
Instrument :  
BNA\_P  
ClientSampleId :  
BU-03-021621MS

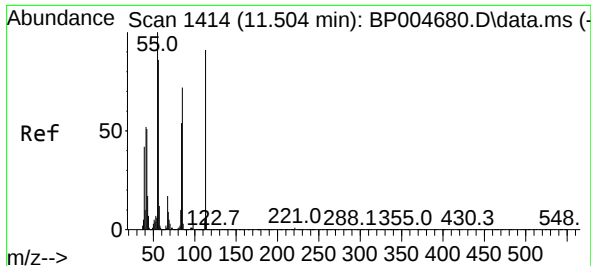
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 36748 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 30.8  | 25.7  | 38.5  |
| 65       | 33.8  | 17.3  | 25.9# |
| 92       | 21.1  | 12.9  | 19.3# |



#34  
Hexachlorobutadiene  
Concen: 35.82 ng  
RT: 10.887 min Scan# 1309  
Delta R.T. -0.005 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 105769 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.8  | 50.1  | 75.1   |
| 227      | 68.2  | 51.4  | 77.2   |

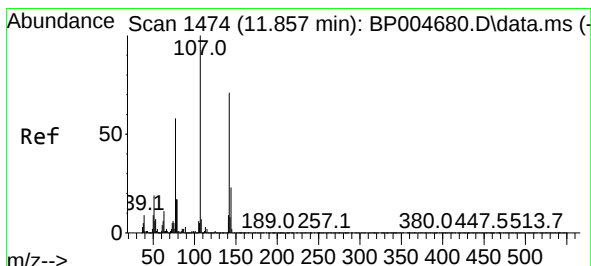
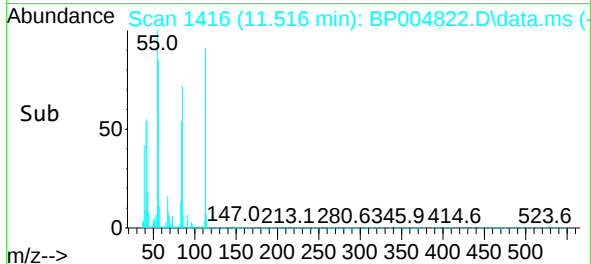
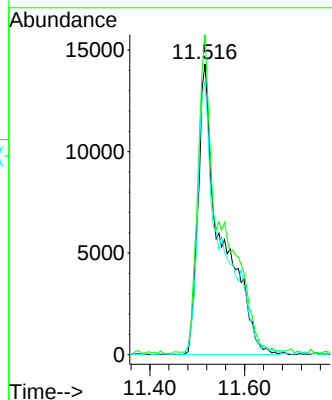
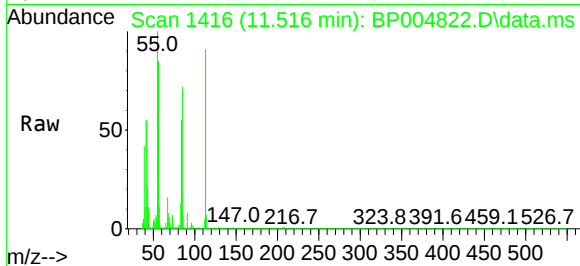




#35  
Caprolactam  
Concen: 42.79 ng  
RT: 11.516 min Scan# 1416  
Delta R.T. 0.006 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

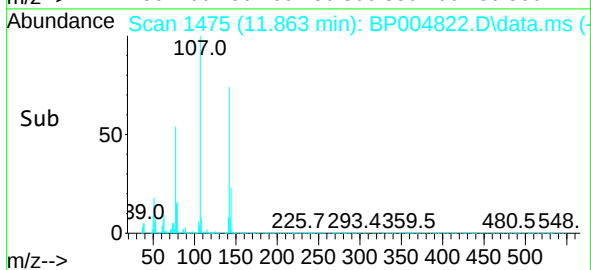
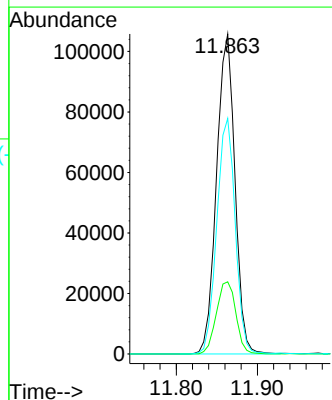
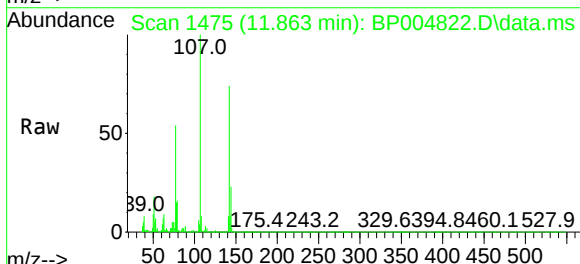
Instrument :  
BNA\_P  
ClientSampleId :  
BU-03-021621MS

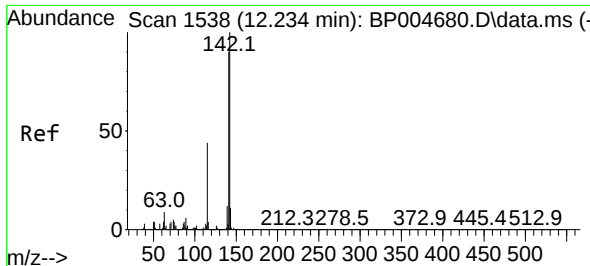
Tgt Ion:113 Resp: 48117  
Ion Ratio Lower Upper  
113 100  
55 110.0 77.3 117.3  
56 93.9 55.9 95.9



#36  
4-Chloro-3-methylphenol  
Concen: 39.42 ng  
RT: 11.863 min Scan# 1475  
Delta R.T. 0.006 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

Tgt Ion:107 Resp: 166570  
Ion Ratio Lower Upper  
107 100  
144 22.6 22.7 34.1#  
142 73.6 70.7 106.1

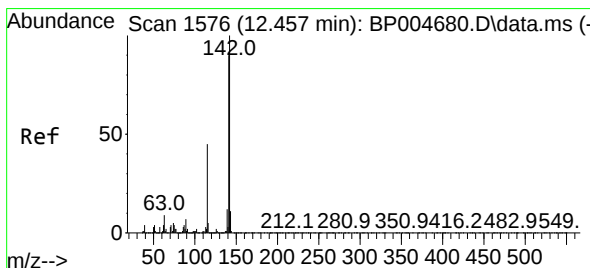
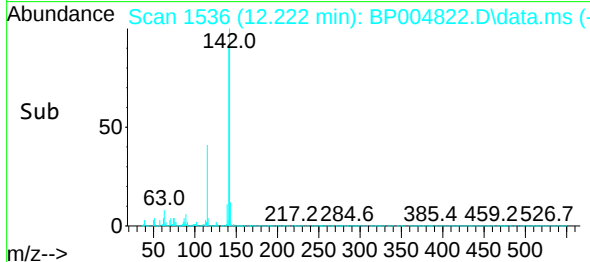
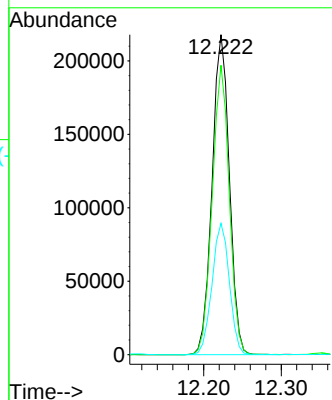
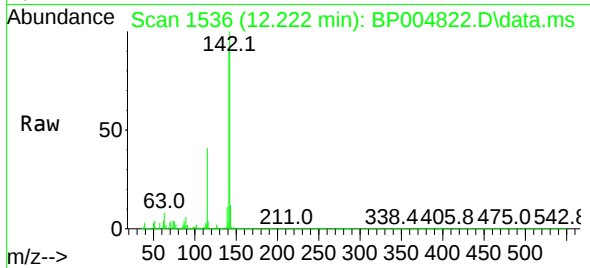




#37  
2-Methylnaphthalene  
Concen: 38.47 ng  
RT: 12.222 min Scan# 1536  
Delta R.T. 0.000 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

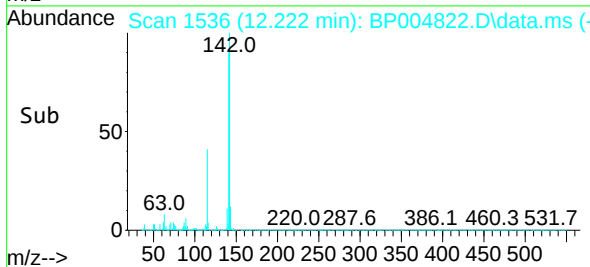
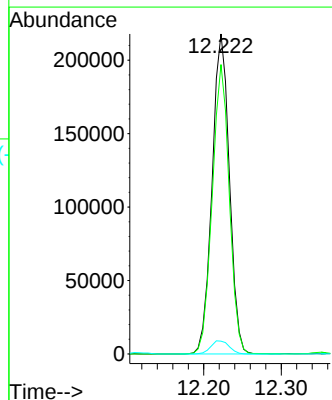
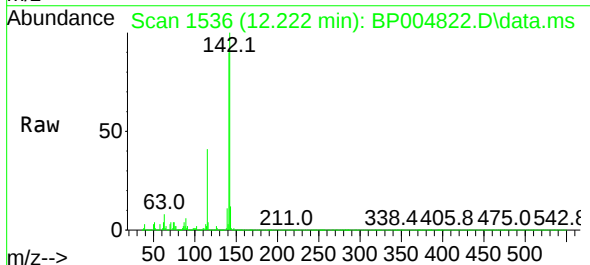
Instrument :  
BNA\_P  
ClientSampleId :  
BU-03-021621MS

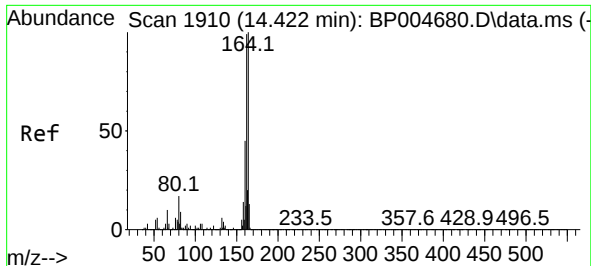
Tgt Ion:142 Resp: 336615  
Ion Ratio Lower Upper  
142 100  
141 90.5 71.4 107.2  
115 41.1 25.8 38.6#



#38  
1-Methylnaphthalene  
Concen: 40.65 ng  
RT: 12.222 min Scan# 1536  
Delta R.T. -0.223 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

Tgt Ion:142 Resp: 336615  
Ion Ratio Lower Upper  
142 100  
141 90.5 74.4 111.6  
116 4.0 2.9 4.3

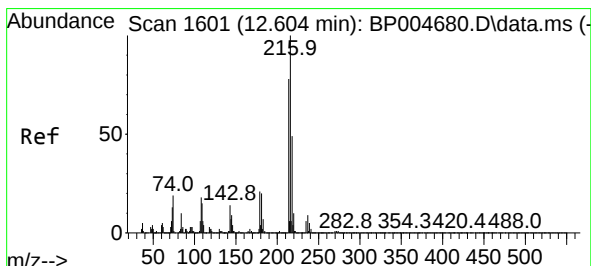
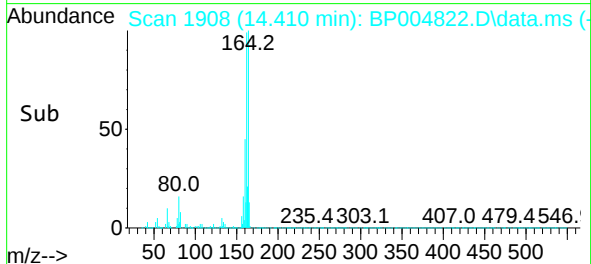
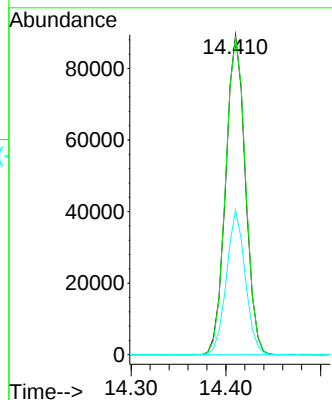
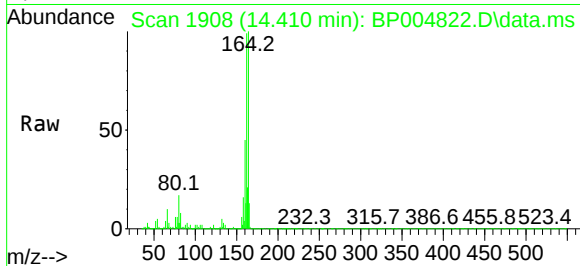




#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.410 min Scan# 1908  
Delta R.T. 0.000 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

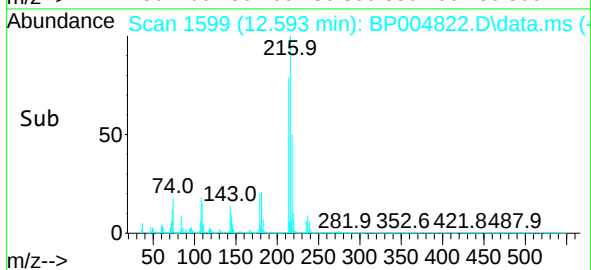
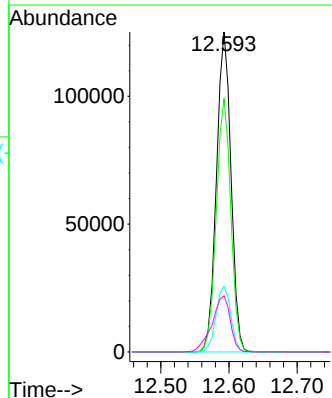
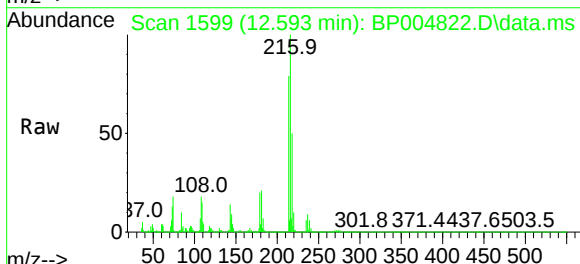
Instrument :  
BNA\_P  
ClientSampleId :  
BU-03-021621MS

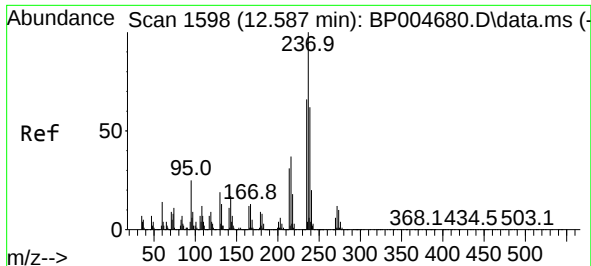
Tgt Ion:164 Resp: 128783  
Ion Ratio Lower Upper  
164 100  
162 99.1 79.4 119.2  
160 45.1 36.1 54.1



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 40.01 ng  
RT: 12.593 min Scan# 1599  
Delta R.T. 0.000 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

Tgt Ion:216 Resp: 185111  
Ion Ratio Lower Upper  
216 100  
214 79.2 63.0 94.6  
179 21.0 16.9 25.3  
108 22.2 12.6 19.0#

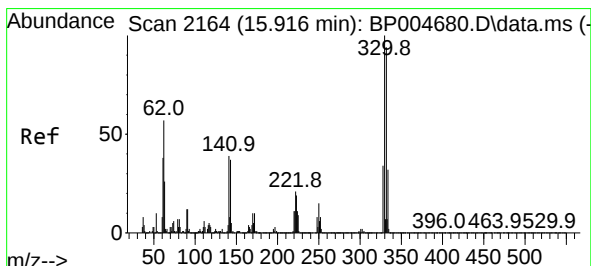
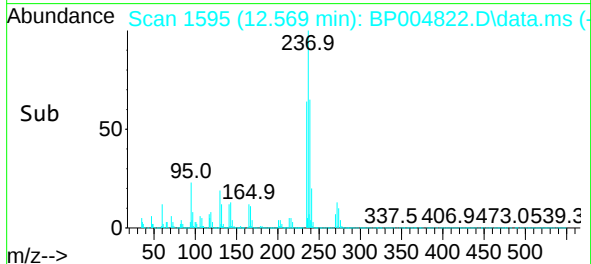
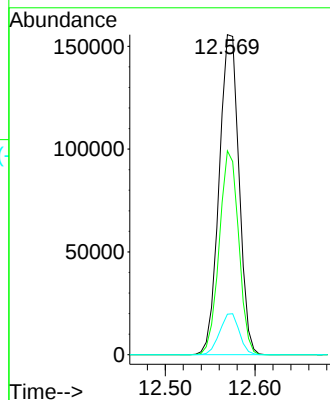
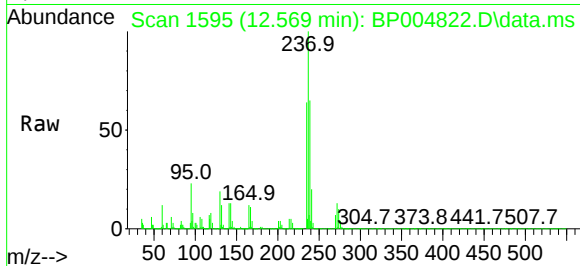




#41  
Hexachlorocyclopentadiene  
Concen: 90.91 ng  
RT: 12.569 min Scan# 1595  
Delta R.T. 0.000 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

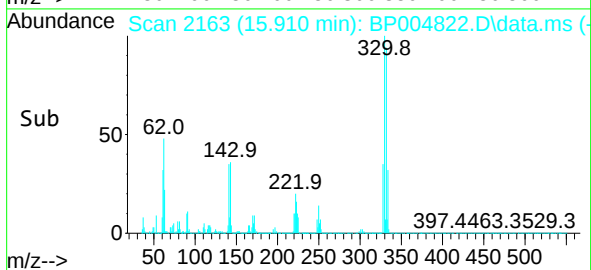
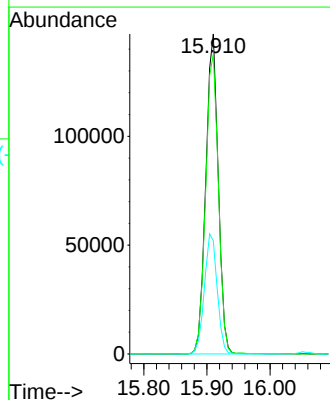
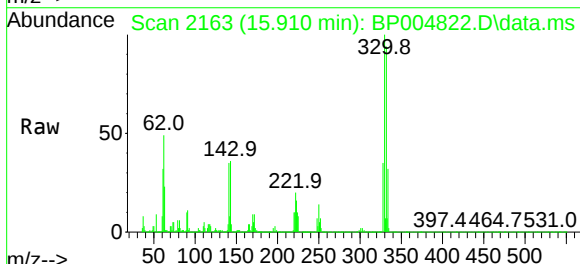
Instrument :  
BNA\_P  
ClientSampleId :  
BU-03-021621MS

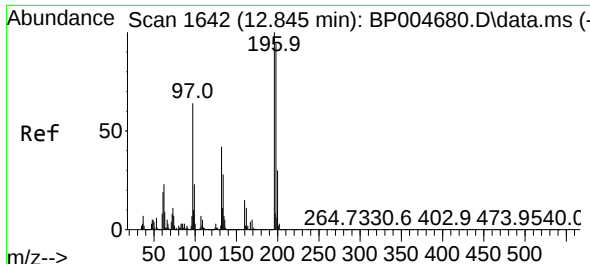
Tgt Ion: 237 Resp: 239231  
Ion Ratio Lower Upper  
237 100  
235 63.7 43.2 83.2  
272 12.6 0.0 33.3



#42  
2,4,6-Tribromophenol  
Concen: 117.39 ng  
RT: 15.910 min Scan# 2163  
Delta R.T. 0.000 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

Tgt Ion: 330 Resp: 200854  
Ion Ratio Lower Upper  
330 100  
332 96.2 77.1 115.7  
141 38.6 23.4 35.2#

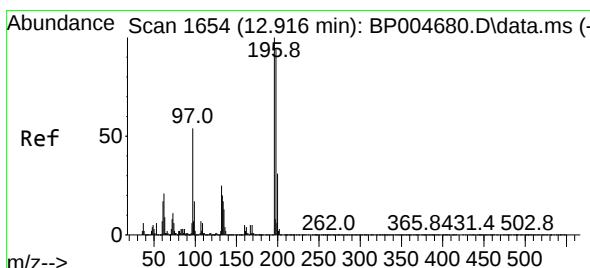
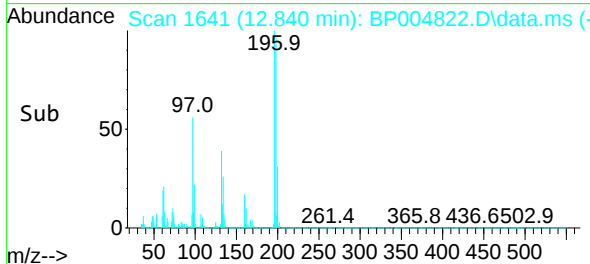
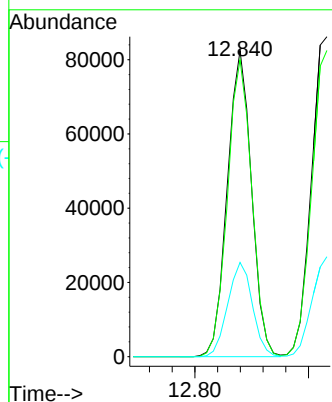
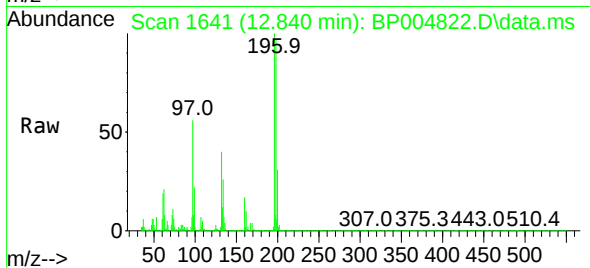




#43  
2,4,6-Trichlorophenol  
Concen: 41.82 ng  
RT: 12.840 min Scan# 1641  
Delta R.T. 0.000 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

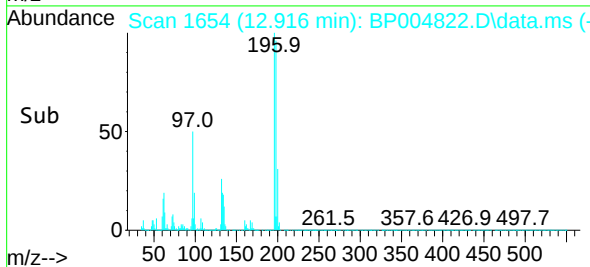
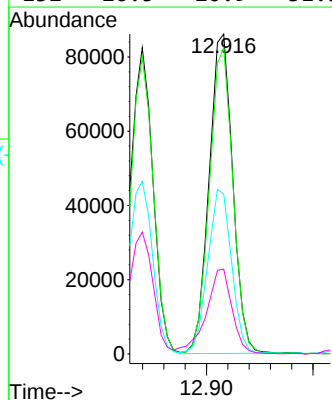
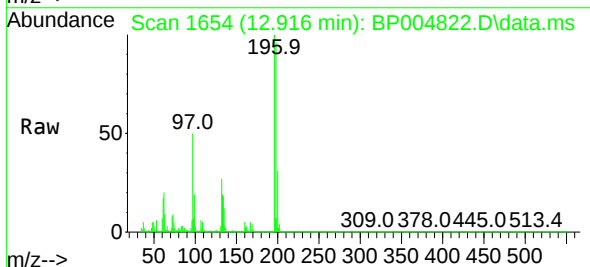
Instrument :  
BNA\_P  
ClientSampleId :  
BU-03-021621MS

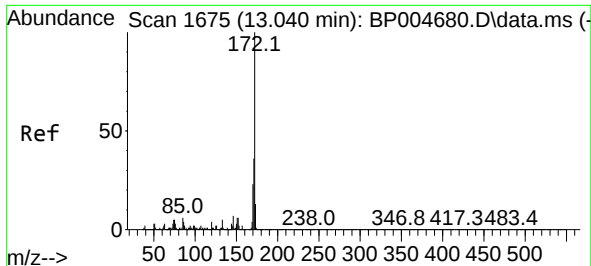
Tgt Ion:196 Resp: 121908  
Ion Ratio Lower Upper  
196 100  
198 97.0 77.0 115.6  
200 30.8 25.1 37.7



#44  
2,4,5-Trichlorophenol  
Concen: 43.20 ng  
RT: 12.916 min Scan# 1654  
Delta R.T. 0.000 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

Tgt Ion:196 Resp: 132329  
Ion Ratio Lower Upper  
196 100  
198 95.7 77.3 115.9  
97 49.9 31.0 46.4#  
132 26.5 20.9 31.3

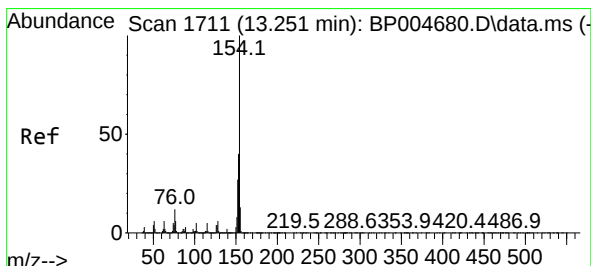
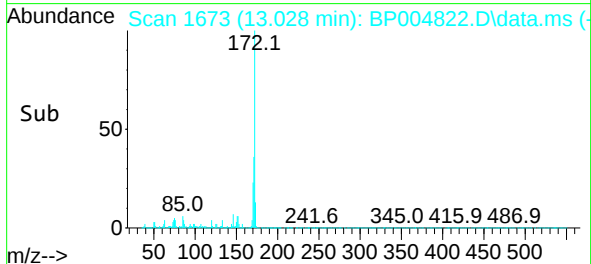
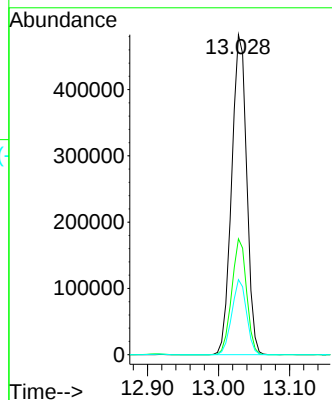
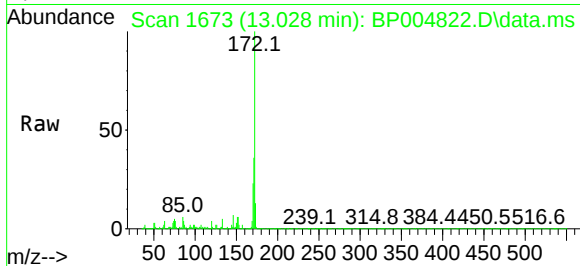




#45  
2-Fluorobiphenyl  
Concen: 67.40 ng  
RT: 13.028 min Scan# 1673  
Delta R.T. 0.000 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

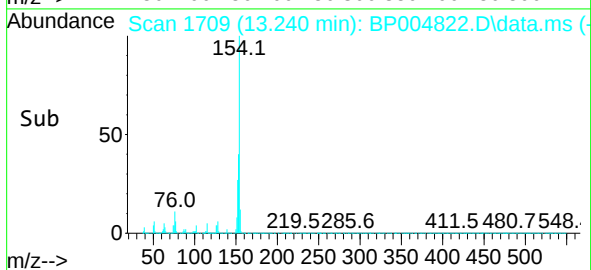
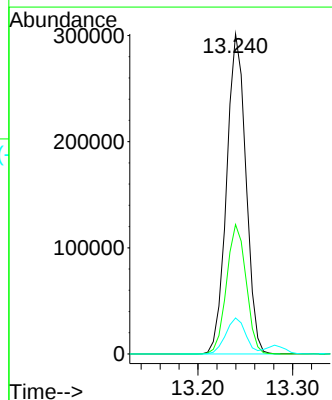
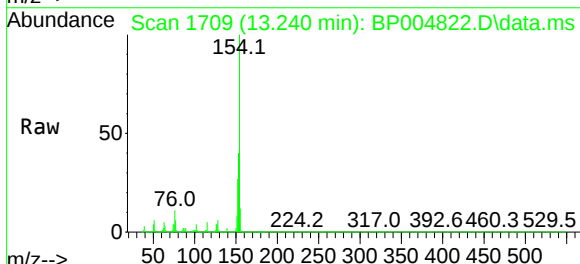
Instrument :  
BNA\_P  
ClientSampleId :  
BU-03-021621MS

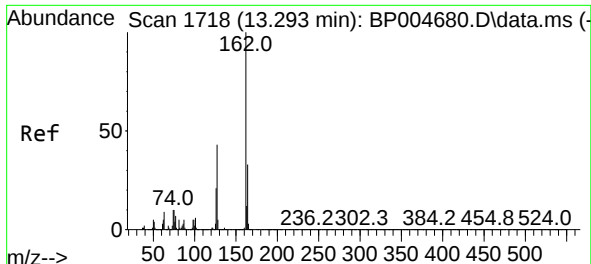
Tgt Ion:172 Resp: 710221  
Ion Ratio Lower Upper  
172 100  
171 36.2 28.5 42.7  
170 23.5 19.2 28.8



#46  
1,1'-Biphenyl  
Concen: 39.54 ng  
RT: 13.240 min Scan# 1709  
Delta R.T. 0.000 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

Tgt Ion:154 Resp: 426272  
Ion Ratio Lower Upper  
154 100  
153 40.5 20.4 60.4  
76 11.3 0.0 29.3

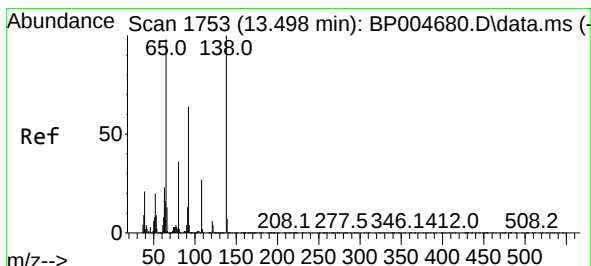
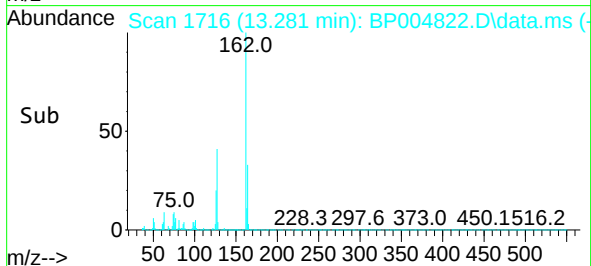
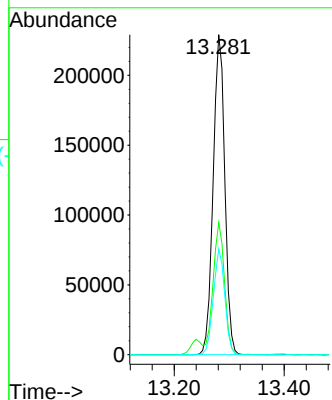
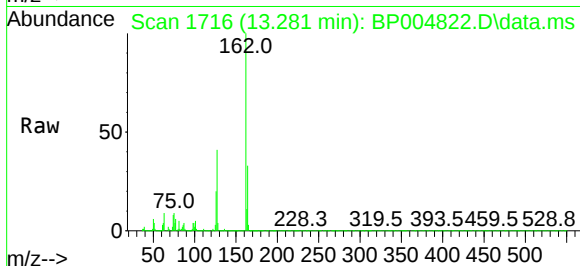




#47  
2-Chloronaphthalene  
Concen: 38.17 ng  
RT: 13.281 min Scan# 1716  
Delta R.T. 0.000 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

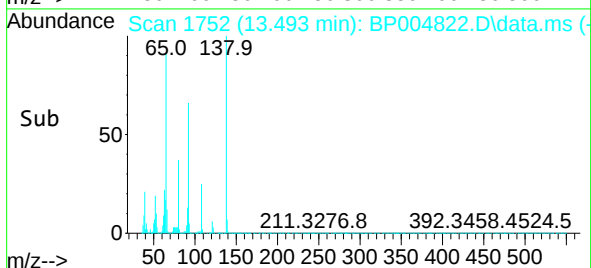
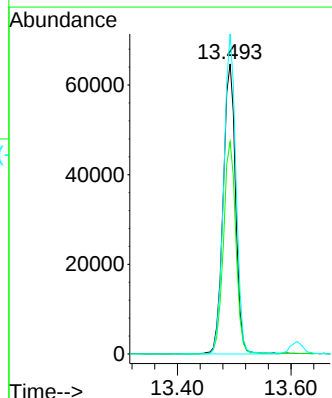
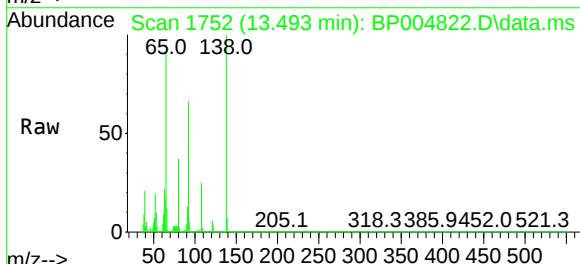
Instrument :  
BNA\_P  
ClientSampleId :  
BU-03-021621MS

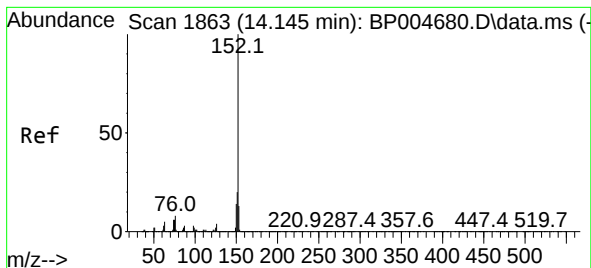
Tgt Ion:162 Resp: 337263  
Ion Ratio Lower Upper  
162 100  
127 41.3 29.9 44.9  
164 33.0 26.1 39.1



#48  
2-Nitroaniline  
Concen: 37.92 ng  
RT: 13.493 min Scan# 1752  
Delta R.T. 0.000 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

Tgt Ion: 65 Resp: 98906  
Ion Ratio Lower Upper  
65 100  
92 73.2 70.6 106.0  
138 110.3 133.6 200.4#





#49

Acenaphthylene

Concen: 40.00 ng

RT: 14.134 min Scan# 1861

Delta R.T. 0.000 min

Lab File: BP004822.D

Acq: 19 Feb 2021 15:07

Tgt Ion:152 Resp: 522148

Ion Ratio Lower Upper

152 100

151 20.0 15.9 23.9

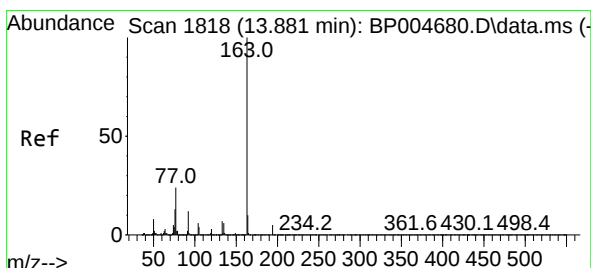
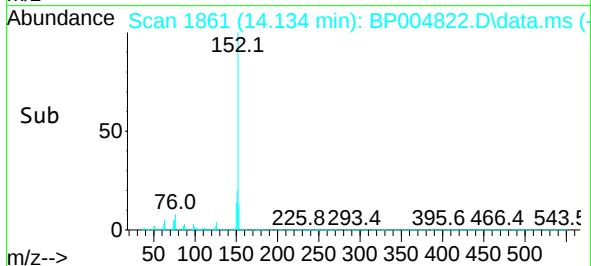
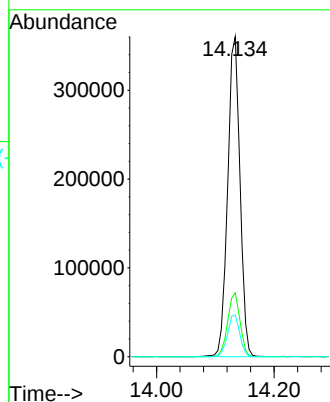
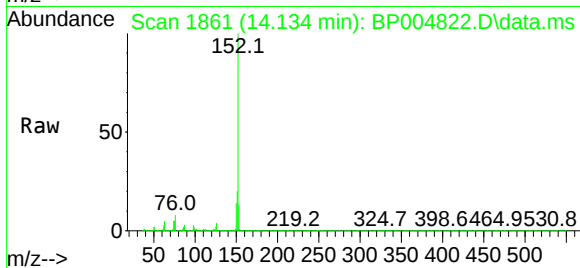
153 13.0 10.5 15.7

Instrument :

BNA\_P

ClientSampleId :

BU-03-021621MS



#50

Dimethylphthalate

Concen: 42.53 ng

RT: 13.875 min Scan# 1817

Delta R.T. 0.000 min

Lab File: BP004822.D

Acq: 19 Feb 2021 15:07

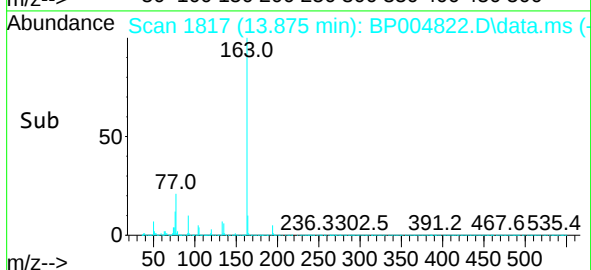
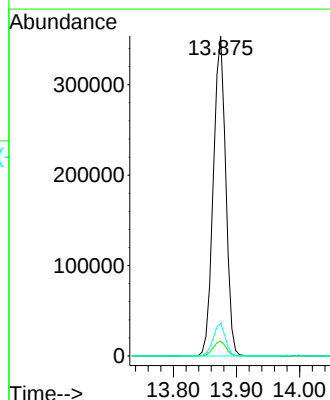
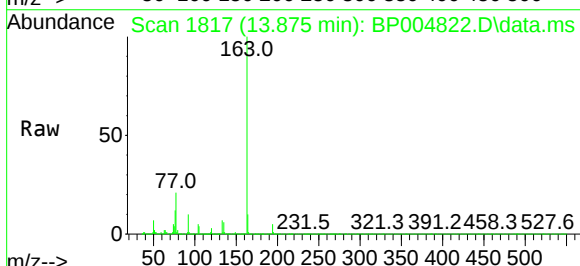
Tgt Ion:163 Resp: 481762

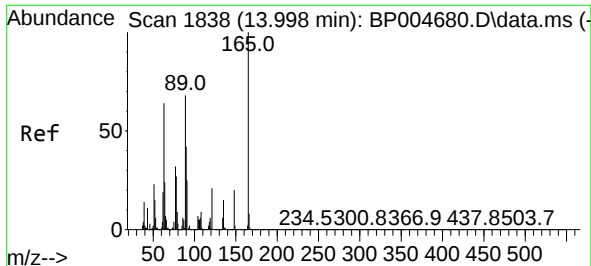
Ion Ratio Lower Upper

163 100

194 4.6 3.3 4.9

164 10.1 8.2 12.2

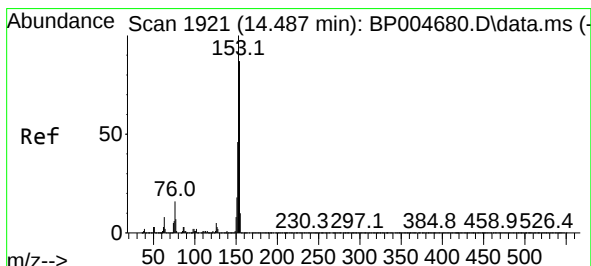
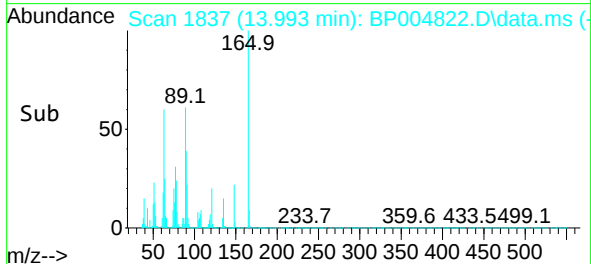
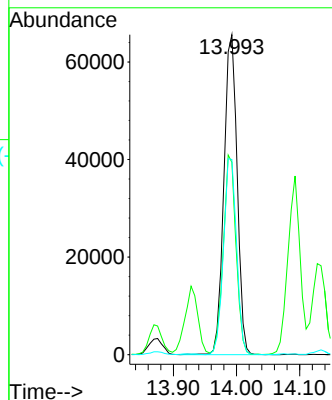
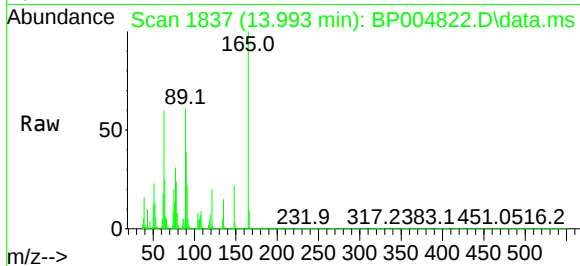




#51  
2,6-Dinitrotoluene  
Concen: 41.88 ng  
RT: 13.993 min Scan# 1837  
Delta R.T. 0.000 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

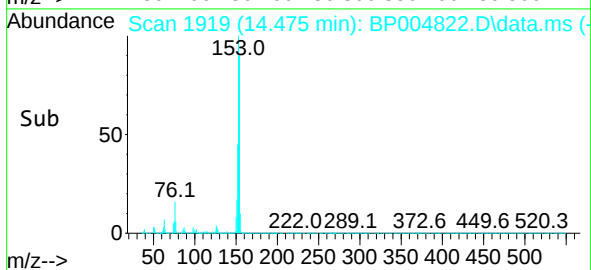
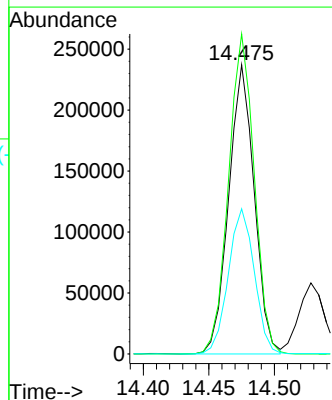
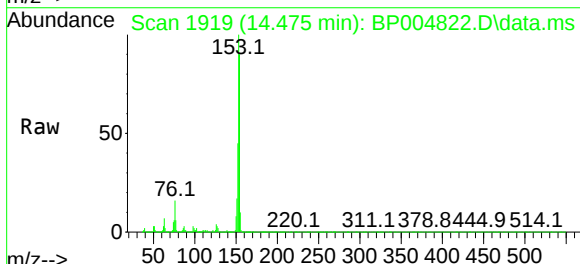
Instrument :  
BNA\_P  
ClientSampleId :  
BU-03-021621MS

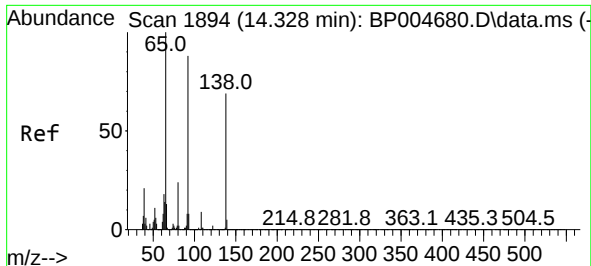
Tgt Ion:165 Resp: 95604  
Ion Ratio Lower Upper  
165 100  
63 60.1 27.8 41.6#  
89 61.0 34.6 52.0#



#52  
Acenaphthene  
Concen: 38.82 ng  
RT: 14.475 min Scan# 1919  
Delta R.T. 0.000 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

Tgt Ion:154 Resp: 321336  
Ion Ratio Lower Upper  
154 100  
153 110.7 91.0 136.6  
152 50.2 43.0 64.6

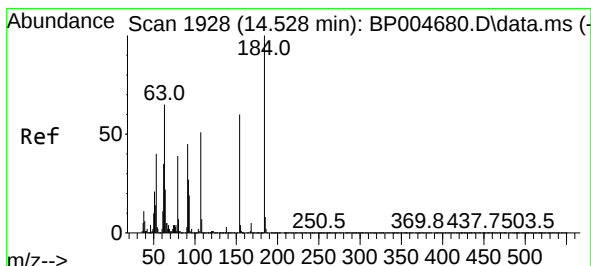
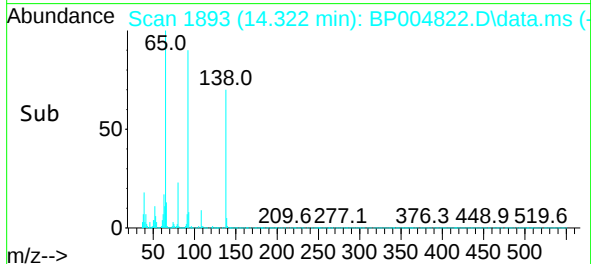
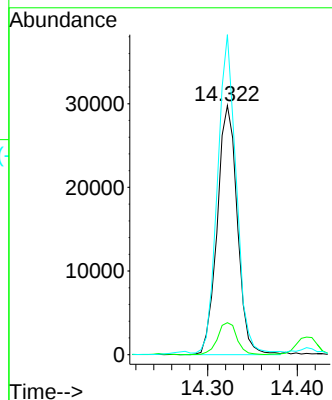
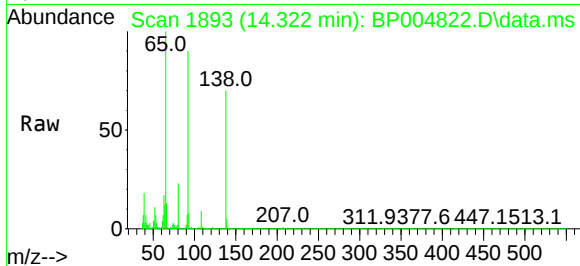




#53  
3-Nitroaniline  
Concen: 19.48 ng  
RT: 14.322 min Scan# 1893  
Delta R.T. 0.000 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

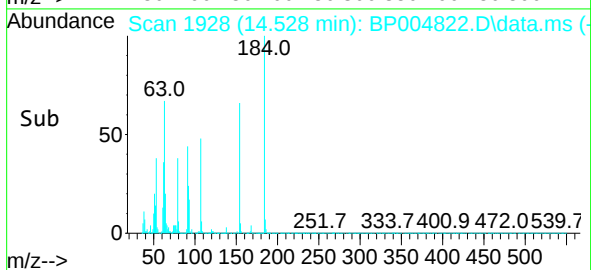
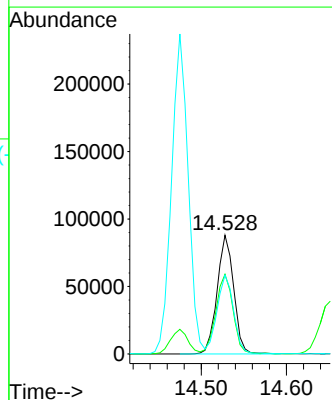
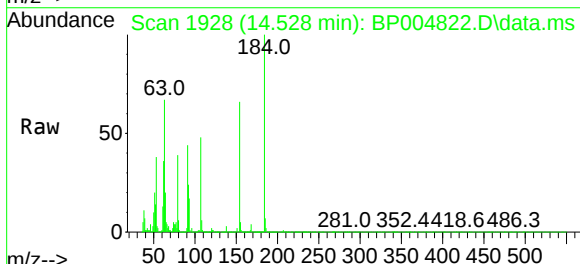
Instrument :  
BNA\_P  
ClientSampleId :  
BU-03-021621MS

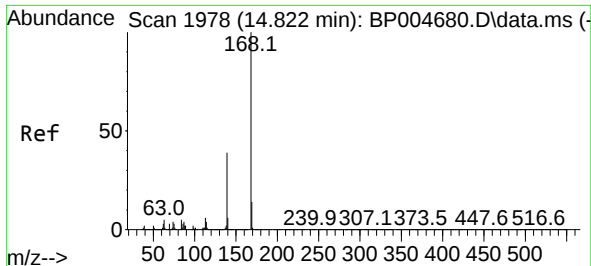
Tgt Ion:138 Resp: 46259  
Ion Ratio Lower Upper  
138 100  
108 12.8 7.5 11.3#  
92 128.5 75.0 112.6#



#54  
2,4-Dinitrophenol  
Concen: 90.73 ng  
RT: 14.528 min Scan# 1928  
Delta R.T. 0.000 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

Tgt Ion:184 Resp: 119301  
Ion Ratio Lower Upper  
184 100  
63 67.0 32.3 48.5#  
154 66.2 49.1 73.7

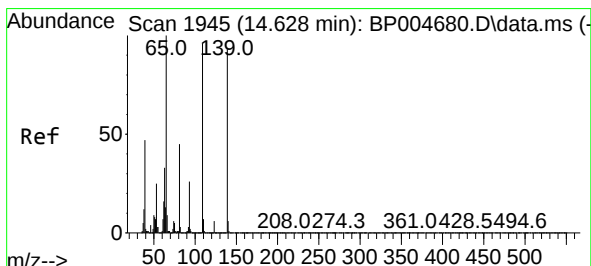
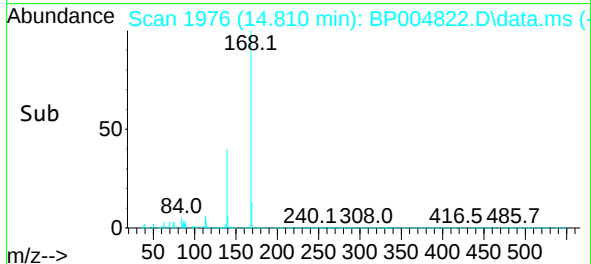
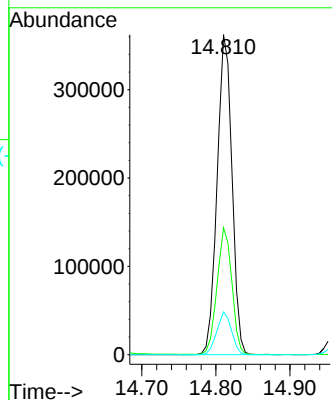
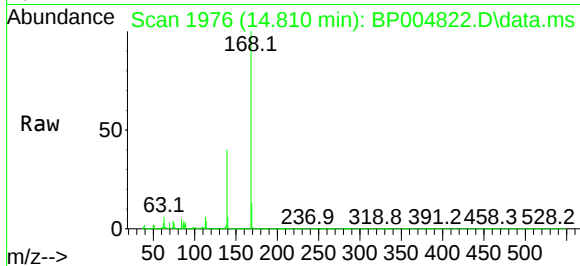




#55  
Dibenzofuran  
Concen: 38.75 ng  
RT: 14.810 min Scan# 1976  
Delta R.T. 0.000 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

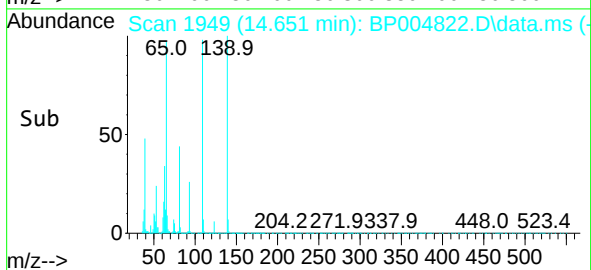
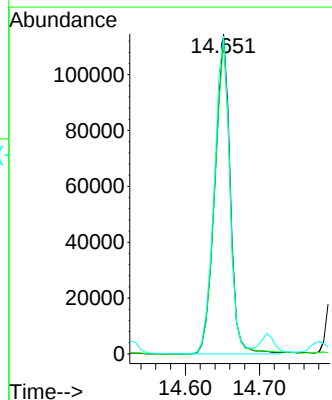
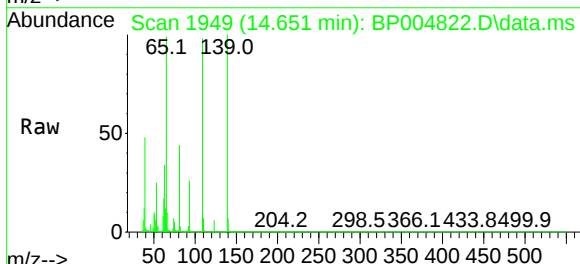
Instrument :  
BNA\_P  
ClientSampleId :  
BU-03-021621MS

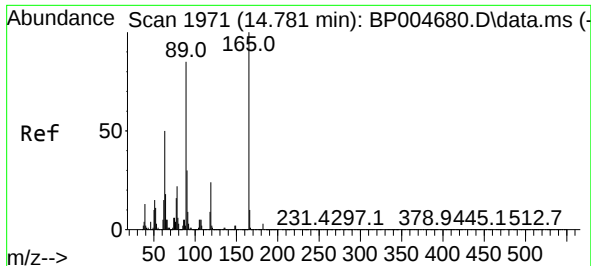
Tgt Ion:168 Resp: 504318  
Ion Ratio Lower Upper  
168 100  
139 39.7 29.1 43.7  
169 13.4 10.4 15.6



#56  
4-Nitrophenol  
Concen: 88.34 ng  
RT: 14.651 min Scan# 1949  
Delta R.T. 0.006 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

Tgt Ion:139 Resp: 164548  
Ion Ratio Lower Upper  
139 100  
109 97.7 44.6 84.6#  
65 99.2 41.6 81.6#

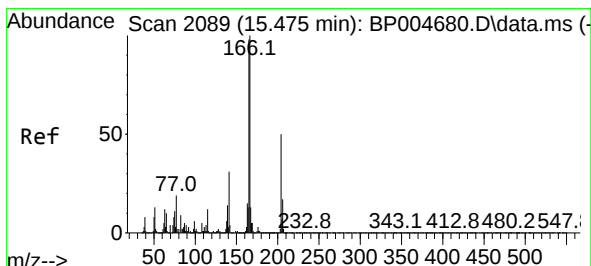
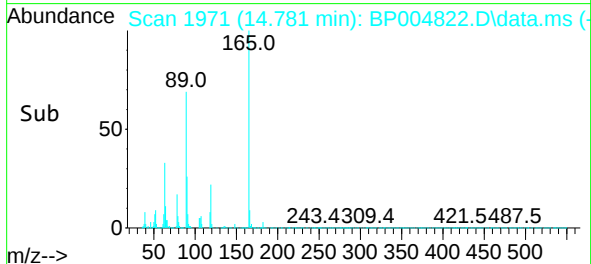
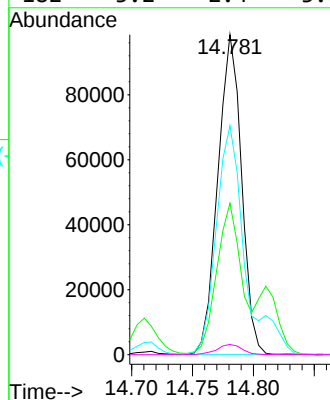
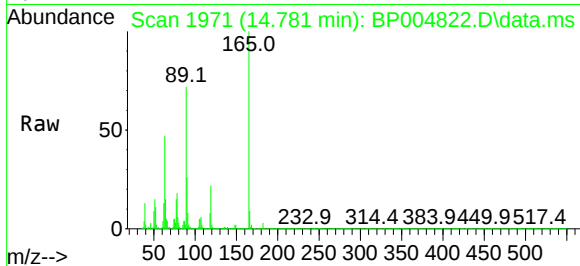




#57  
2,4-Dinitrotoluene  
Concen: 42.58 ng  
RT: 14.781 min Scan# 1971  
Delta R.T. 0.000 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

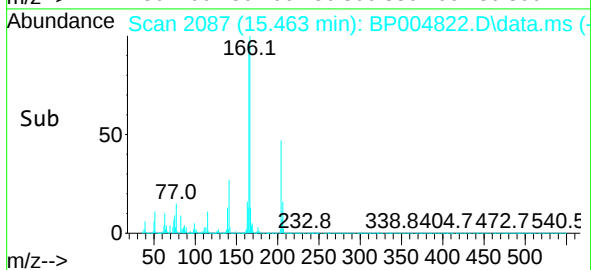
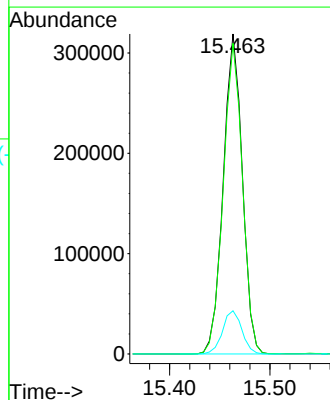
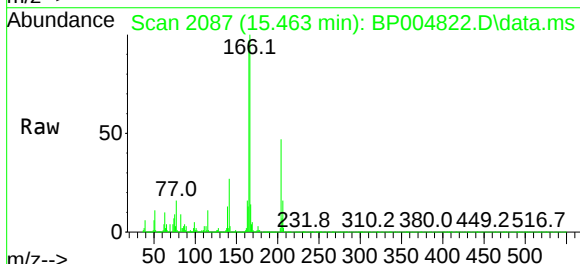
Instrument :  
BNA\_P  
ClientSampleId :  
BU-03-021621MS

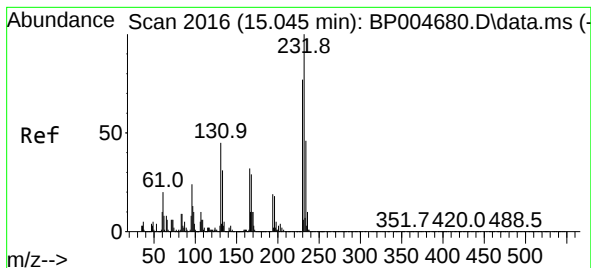
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 165   | Resp: | 133184 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 47.4  | 20.6  | 31.0#  |
| 89        | 71.5  | 42.6  | 63.8#  |
| 182       | 3.2   | 2.4   | 3.6    |



#58  
Fluorene  
Concen: 39.32 ng  
RT: 15.463 min Scan# 2087  
Delta R.T. 0.000 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 166   | Resp: | 420444 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 97.1  | 77.8  | 116.8  |
| 167       | 13.5  | 11.0  | 16.4   |

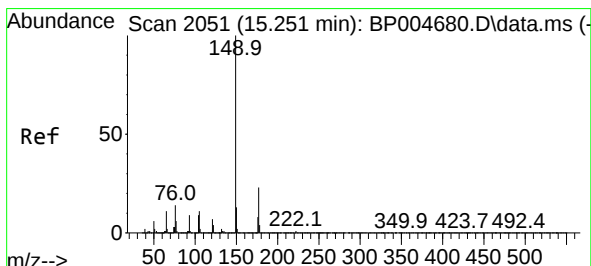
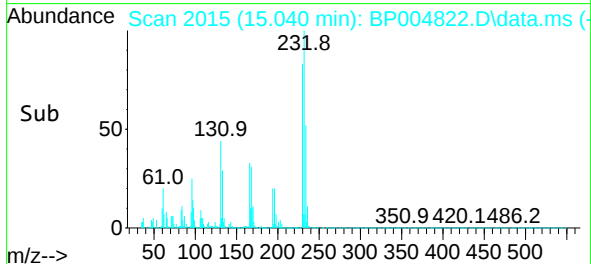
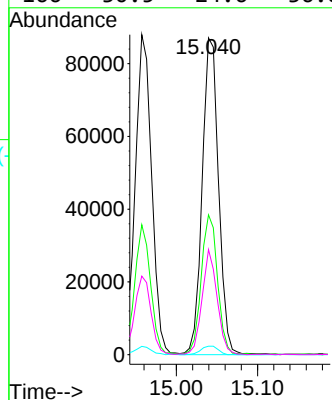
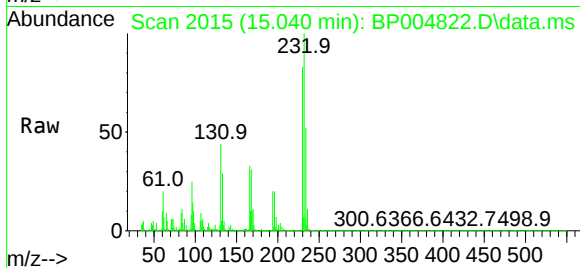




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 41.89 ng  
RT: 15.040 min Scan# 2015  
Delta R.T. 0.000 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

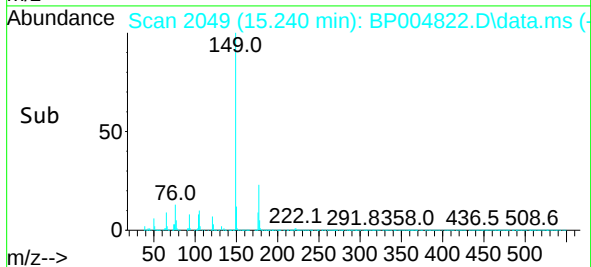
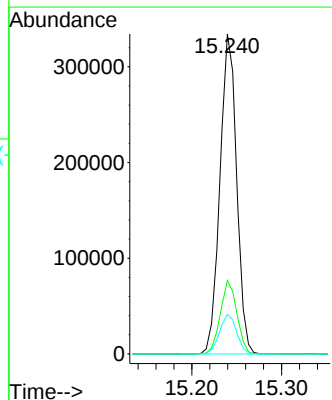
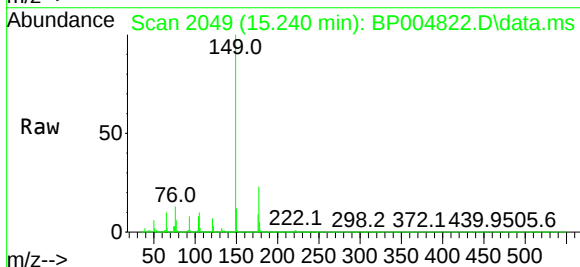
Instrument :  
BNA\_P  
ClientSampleId :  
BU-03-021621MS

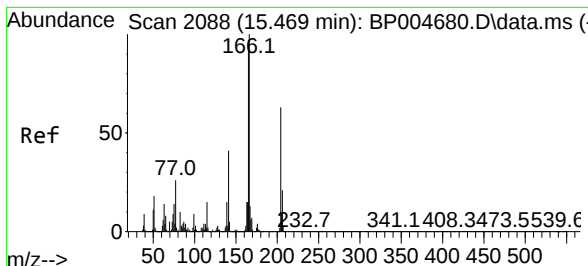
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:232 | Resp: | 122106    |
| Ion Ratio   | Lower | Upper     |
| 232         | 100   |           |
| 131         | 43.8  | 34.1 51.1 |
| 130         | 2.8   | 1.8 2.8#  |
| 166         | 30.5  | 24.6 36.8 |



#60  
Diethylphthalate  
Concen: 38.00 ng  
RT: 15.240 min Scan# 2049  
Delta R.T. 0.000 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:149 | Resp: | 431386    |
| Ion Ratio   | Lower | Upper     |
| 149         | 100   |           |
| 177         | 23.0  | 18.0 27.0 |
| 150         | 12.4  | 10.0 15.0 |

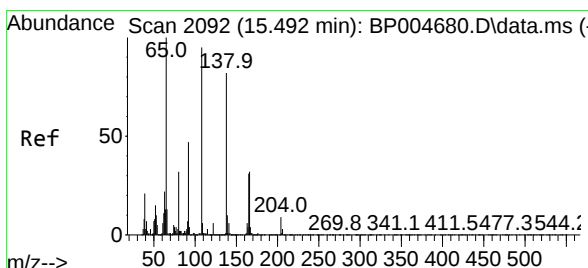
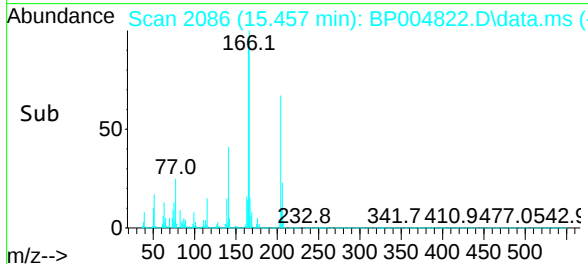
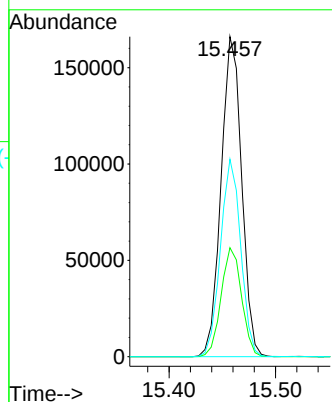
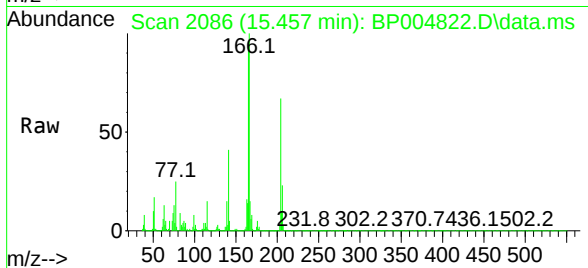




#61  
4-Chlorophenyl-phenylether  
Concen: 37.47 ng  
RT: 15.457 min Scan# 2086  
Delta R.T. 0.000 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

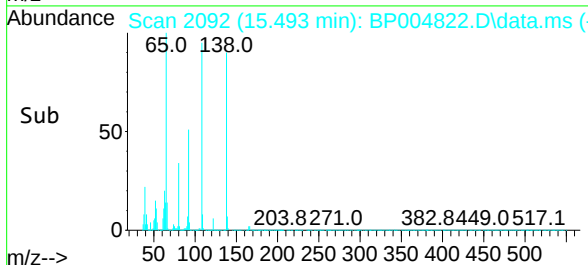
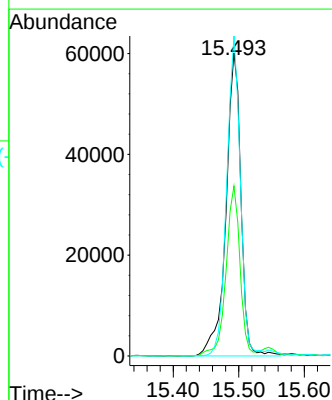
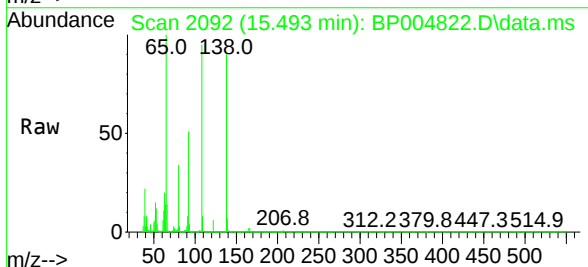
Instrument :  
BNA\_P  
ClientSampleId :  
BU-03-021621MS

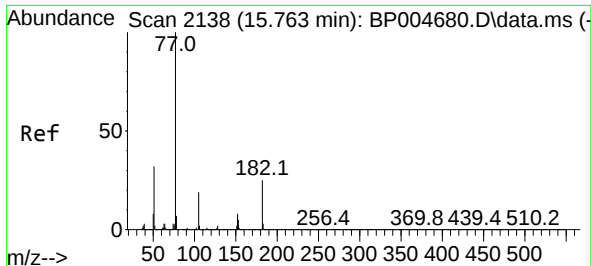
Tgt Ion:204 Resp: 222451  
Ion Ratio Lower Upper  
204 100  
206 34.1 25.9 38.9  
141 61.7 46.5 69.7



#62  
4-Nitroaniline  
Concen: 36.68 ng  
RT: 15.493 min Scan# 2092  
Delta R.T. 0.000 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

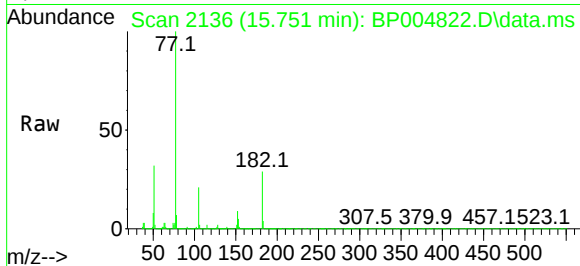
Tgt Ion:138 Resp: 95123  
Ion Ratio Lower Upper  
138 100  
92 56.1 20.7 60.7  
108 105.6 47.8 87.8#



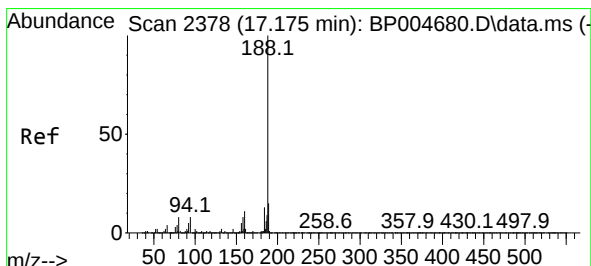
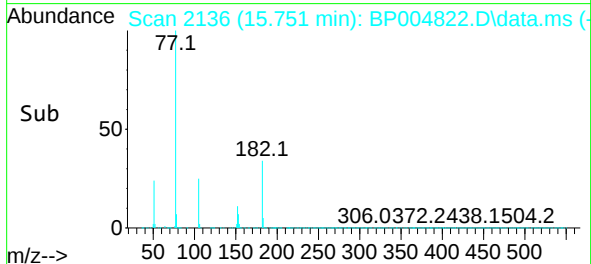
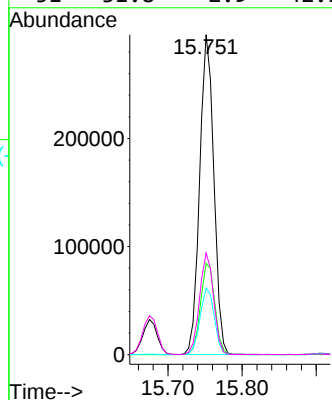


#63  
Azobenzene  
Concen: 36.74 ng  
RT: 15.751 min Scan# 2136  
Delta R.T. 0.000 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

Instrument :  
BNA\_P  
ClientSampleId :  
BU-03-021621MS

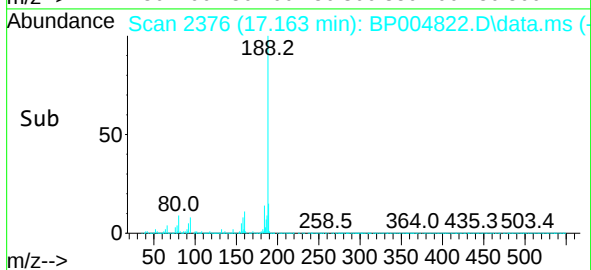
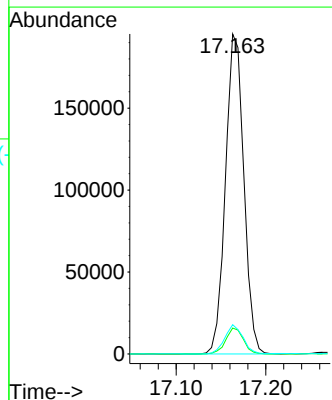
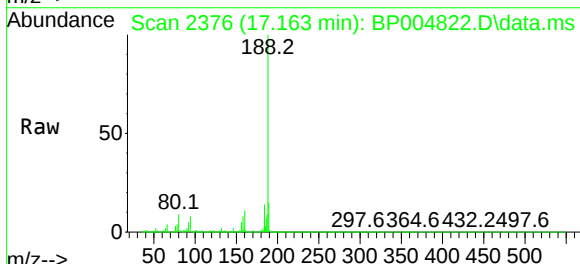


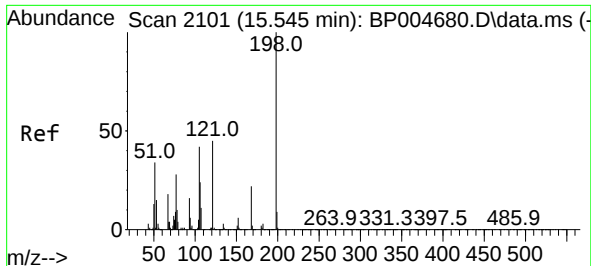
| Tgt Ion: | 77    | Resp: | 391867 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 28.6  | 16.9  | 56.9   |
| 105      | 20.8  | 5.6   | 45.6   |
| 51       | 31.8  | 2.9   | 42.9   |



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.163 min Scan# 2376  
Delta R.T. 0.000 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

| Tgt Ion: | 188   | Resp: | 276996 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 8.1   | 6.2   | 9.2    |
| 80       | 9.1   | 6.2   | 9.2    |

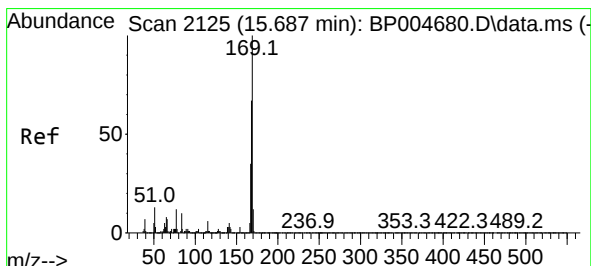
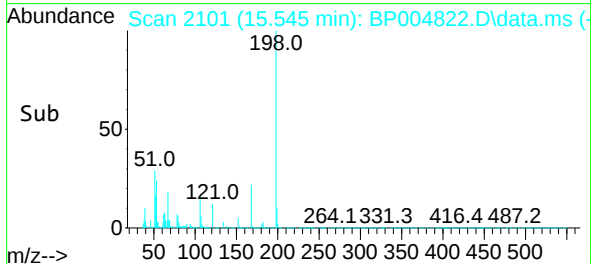
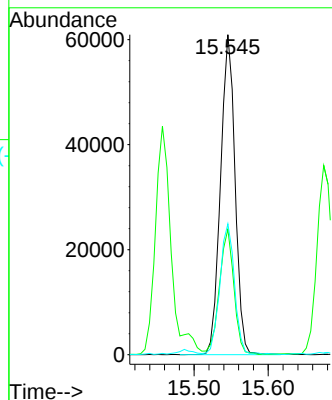
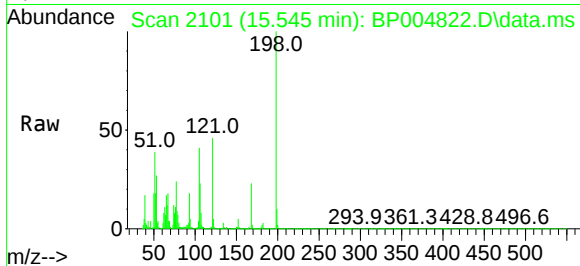




#65  
4,6-Dinitro-2-methylphenol  
Concen: 49.17 ng  
RT: 15.545 min Scan# 2101  
Delta R.T. 0.000 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

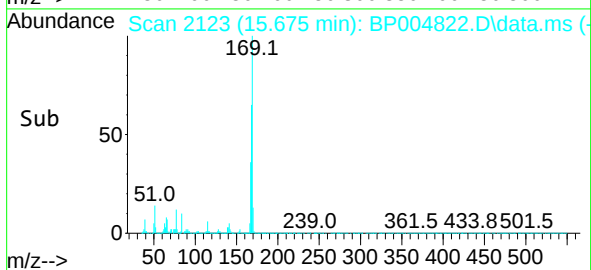
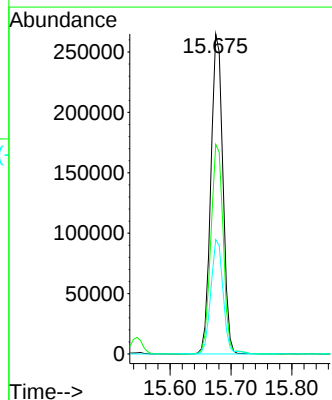
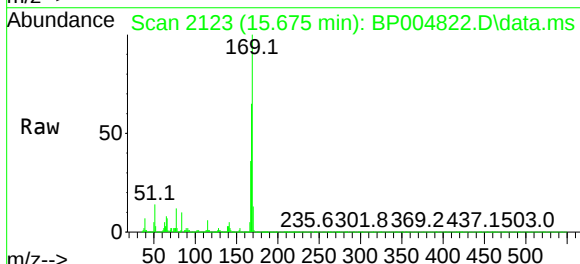
Instrument :  
BNA\_P  
ClientSampleId :  
BU-03-021621MS

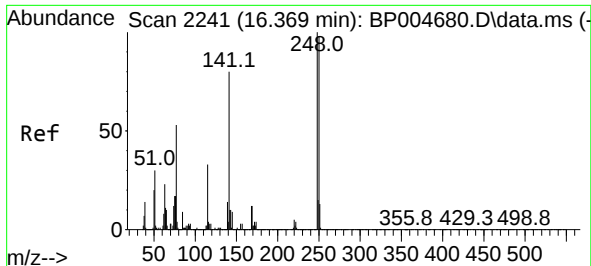
Tgt Ion:198 Resp: 83220  
Ion Ratio Lower Upper  
198 100  
51 39.2 6.4 46.4  
105 40.9 18.9 58.9



#66  
n-Nitrosodiphenylamine  
Concen: 40.29 ng  
RT: 15.675 min Scan# 2123  
Delta R.T. 0.000 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

Tgt Ion:169 Resp: 362948  
Ion Ratio Lower Upper  
169 100  
168 65.5 53.8 80.6  
167 35.8 28.9 43.3

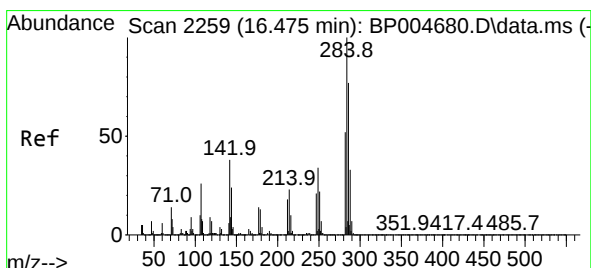
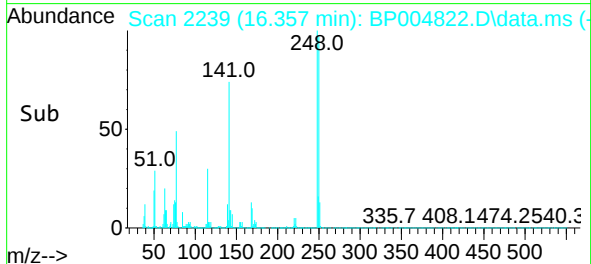
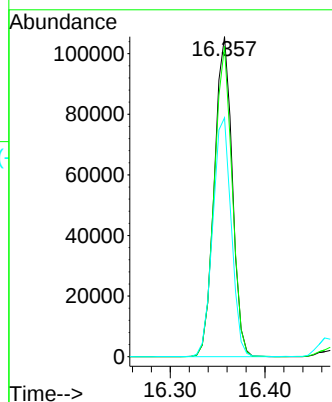
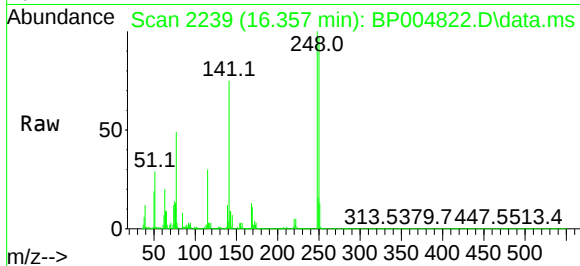




#67  
4-Bromophenyl-phenylether  
Concen: 38.97 ng  
RT: 16.357 min Scan# 2239  
Delta R.T. 0.000 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

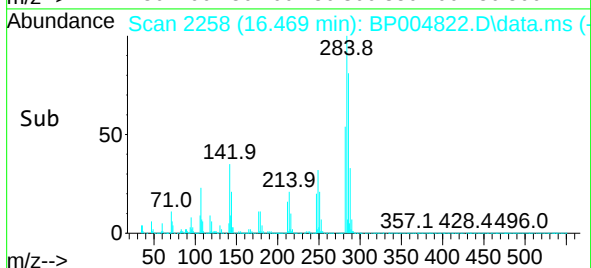
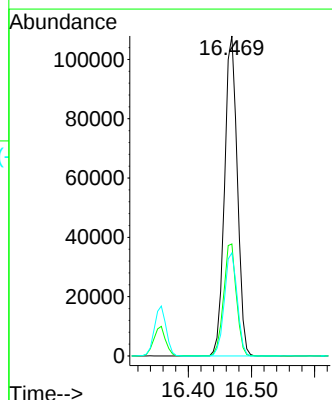
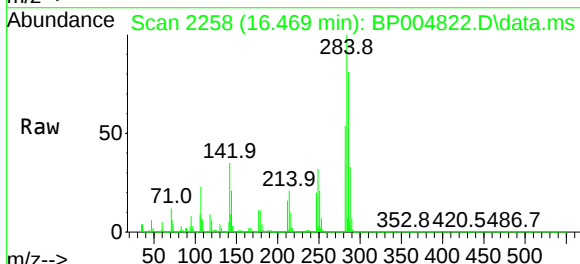
Instrument :  
BNA\_P  
ClientSampleId :  
BU-03-021621MS

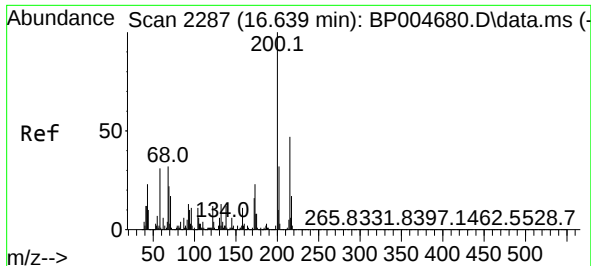
Tgt Ion:248 Resp: 138993  
Ion Ratio Lower Upper  
248 100  
250 97.0 76.7 115.1  
141 74.7 53.0 79.6



#68  
Hexachlorobenzene  
Concen: 38.99 ng  
RT: 16.469 min Scan# 2258  
Delta R.T. 0.000 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

Tgt Ion:284 Resp: 151500  
Ion Ratio Lower Upper  
284 100  
142 35.0 24.2 36.4  
249 32.2 23.8 35.8

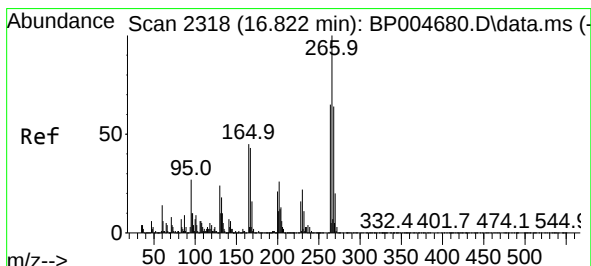
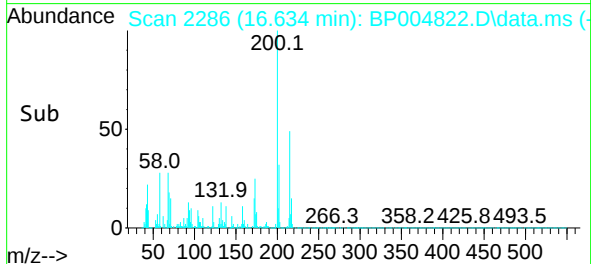
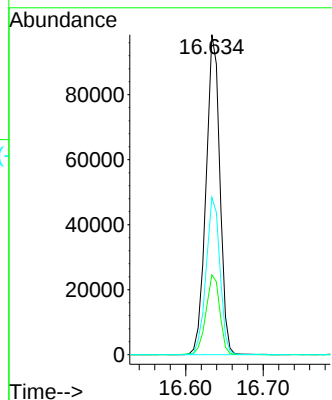
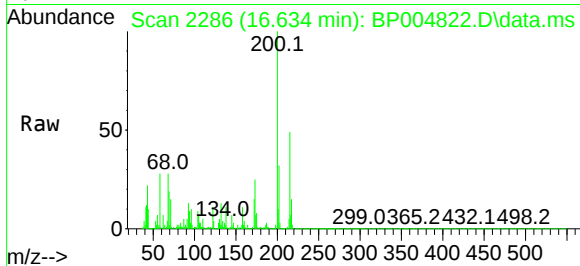




#69  
Atrazine  
Concen: 41.37 ng  
RT: 16.634 min Scan# 2286  
Delta R.T. 0.000 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

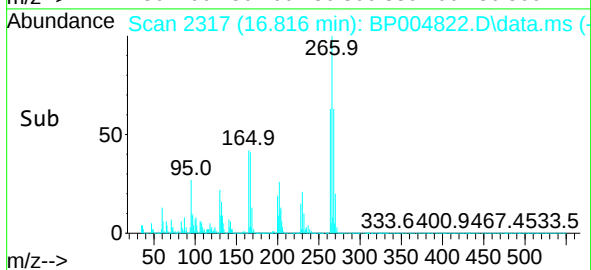
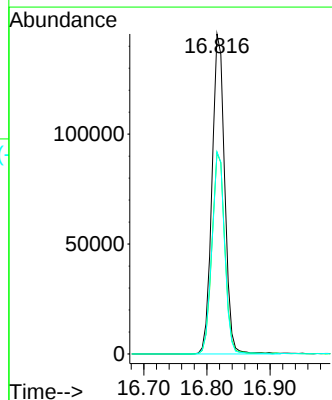
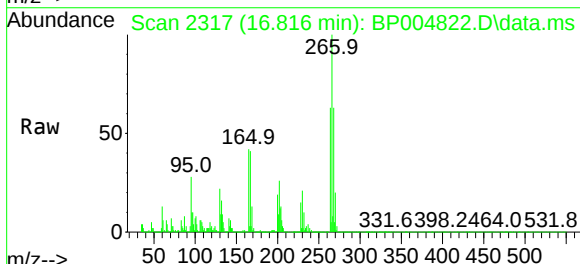
Instrument :  
BNA\_P  
ClientSampleId :  
BU-03-021621MS

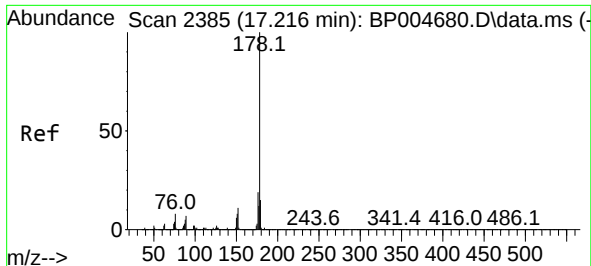
Tgt Ion:200 Resp: 122250  
Ion Ratio Lower Upper  
200 100  
173 24.9 5.9 45.9  
215 49.1 28.4 68.4



#70  
Pentachlorophenol  
Concen: 93.36 ng  
RT: 16.816 min Scan# 2317  
Delta R.T. 0.000 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

Tgt Ion:266 Resp: 203017  
Ion Ratio Lower Upper  
266 100  
268 63.0 51.1 76.7  
264 63.1 50.6 76.0

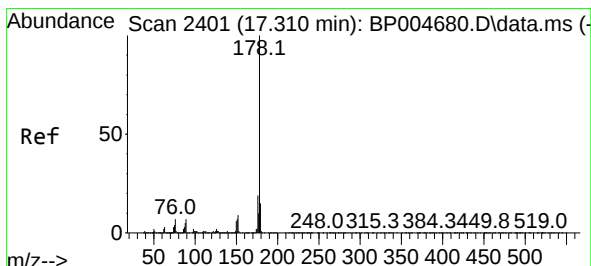
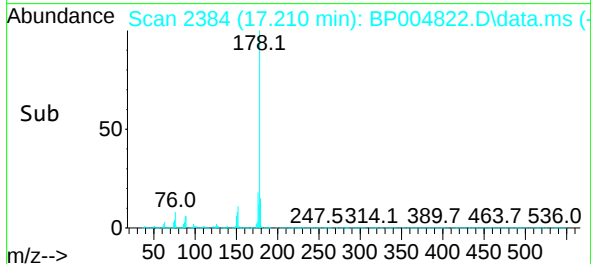
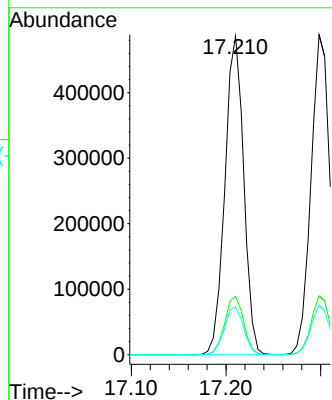
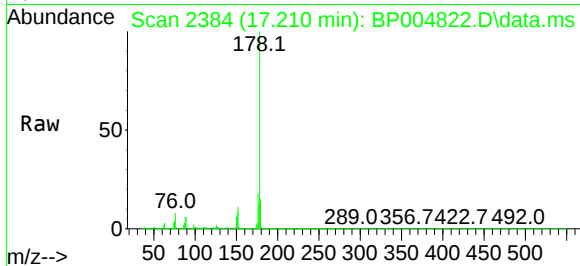




#71  
Phenanthrene  
Concen: 39.43 ng  
RT: 17.210 min Scan# 2384  
Delta R.T. 0.000 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

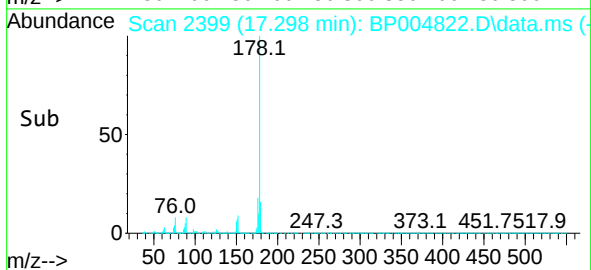
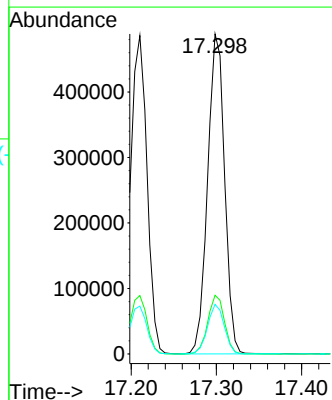
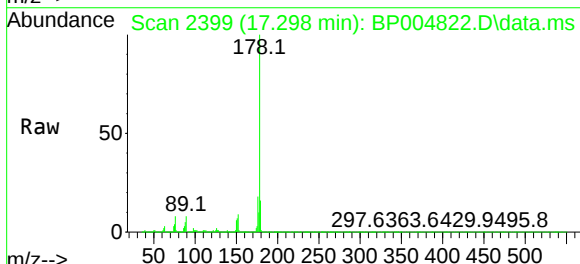
Instrument :  
BNA\_P  
ClientSampleId :  
BU-03-021621MS

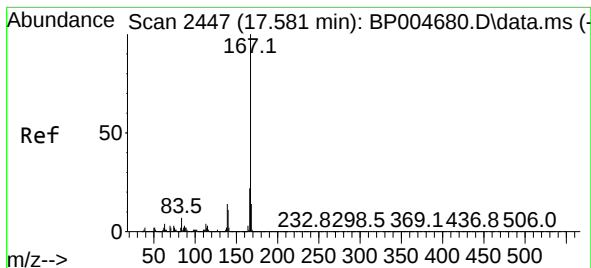
Tgt Ion:178 Resp: 668706  
Ion Ratio Lower Upper  
178 100  
176 18.3 15.3 22.9  
179 15.1 12.5 18.7



#72  
Anthracene  
Concen: 41.48 ng  
RT: 17.298 min Scan# 2399  
Delta R.T. 0.000 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

Tgt Ion:178 Resp: 676422  
Ion Ratio Lower Upper  
178 100  
176 18.3 15.0 22.4  
179 15.5 12.5 18.7

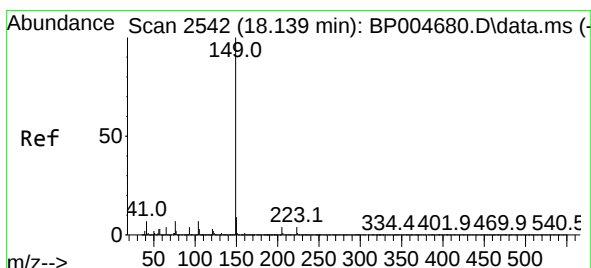
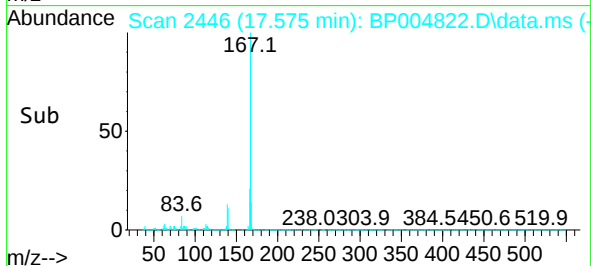
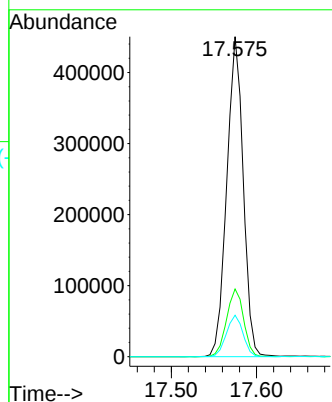
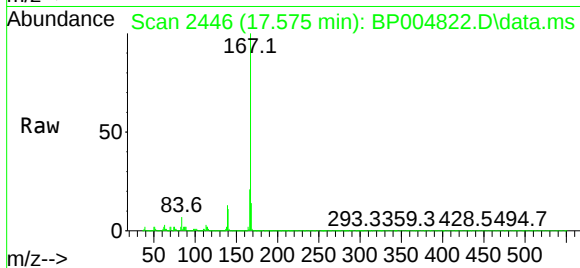




#73  
 Carbazole  
 Concen: 40.38 ng  
 RT: 17.575 min Scan# 2446  
 Delta R.T. 0.000 min  
 Lab File: BP004822.D  
 Acq: 19 Feb 2021 15:07

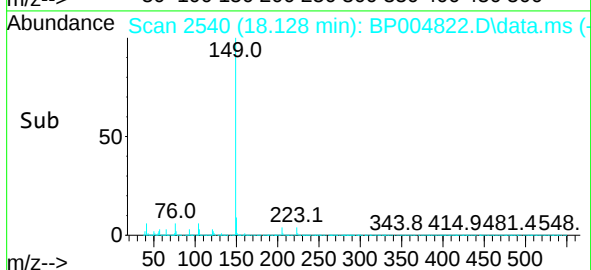
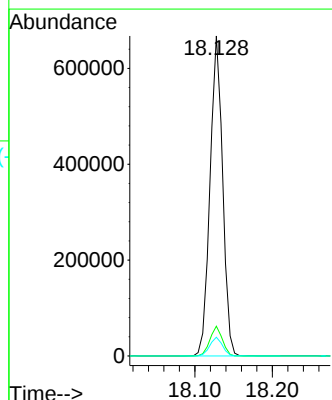
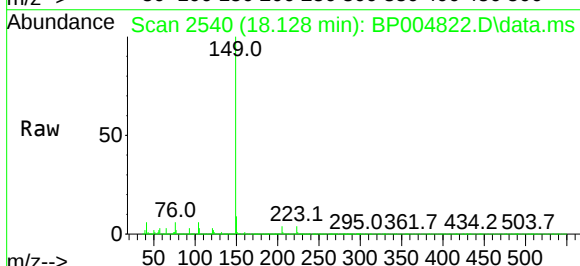
Instrument :  
 BNA\_P  
 ClientSampleId :  
 BU-03-021621MS

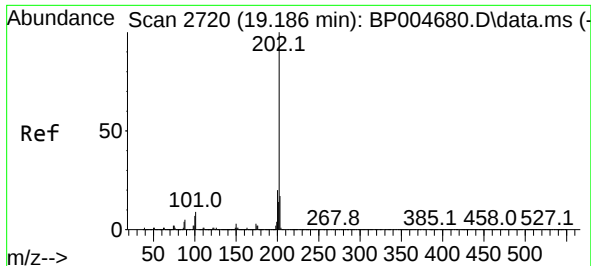
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 167   | Resp: | 604220 |
| Ion Ratio | Lower | Upper |        |
| 167       | 100   |       |        |
| 166       | 21.1  | 17.6  | 26.4   |
| 139       | 12.9  | 10.2  | 15.4   |



#74  
 Di-n-butylphthalate  
 Concen: 41.00 ng  
 RT: 18.128 min Scan# 2540  
 Delta R.T. 0.000 min  
 Lab File: BP004822.D  
 Acq: 19 Feb 2021 15:07

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 752700 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.3   | 7.3   | 10.9   |
| 104       | 5.9   | 3.4   | 5.0#   |

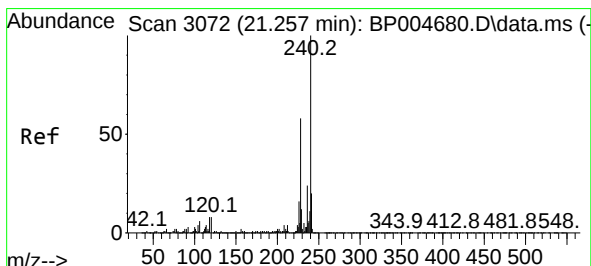
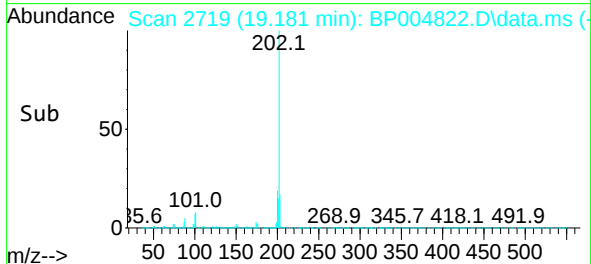
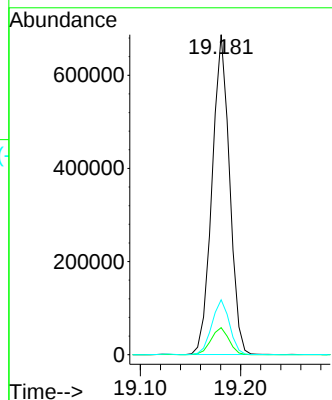
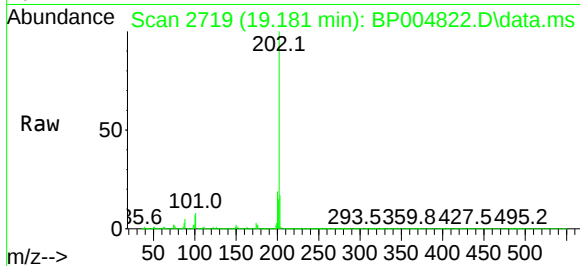




#75  
Fluoranthene  
Concen: 41.21 ng  
RT: 19.181 min Scan# 2719  
Delta R.T. 0.000 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

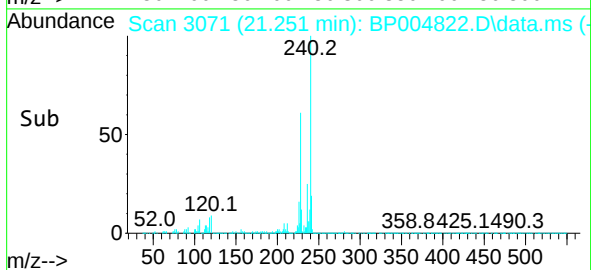
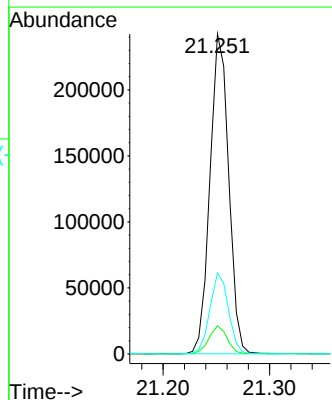
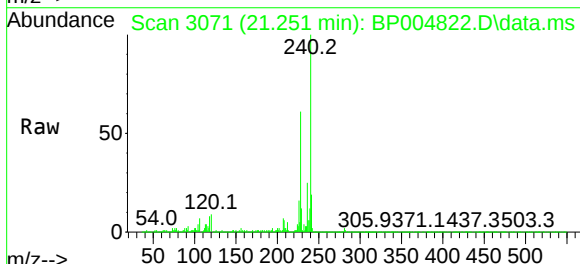
Instrument :  
BNA\_P  
ClientSampleId :  
BU-03-021621MS

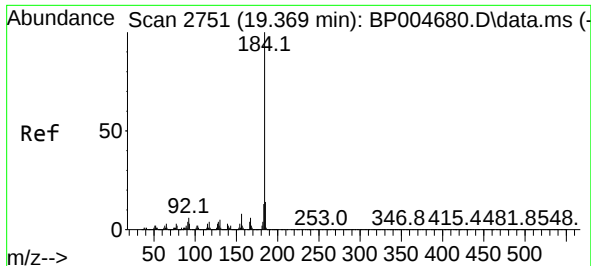
Tgt Ion:202 Resp: 832762  
Ion Ratio Lower Upper  
202 100  
101 8.4 0.0 29.4  
203 17.2 0.0 37.8



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.251 min Scan# 3071  
Delta R.T. 0.000 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

Tgt Ion:240 Resp: 295803  
Ion Ratio Lower Upper  
240 100  
120 8.8 7.8 11.6  
236 25.3 20.8 31.2

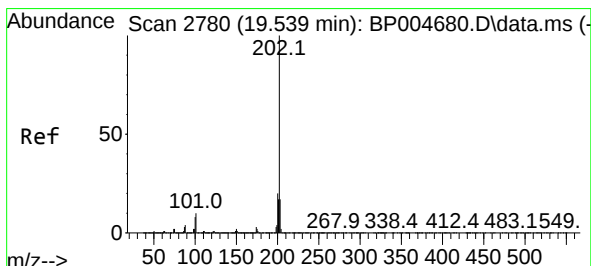
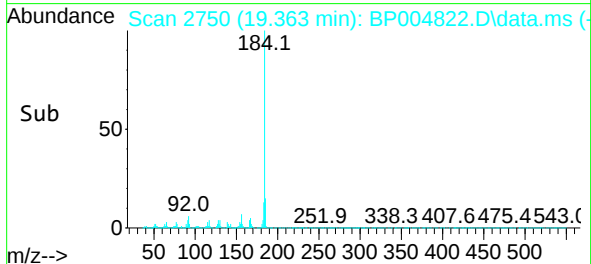
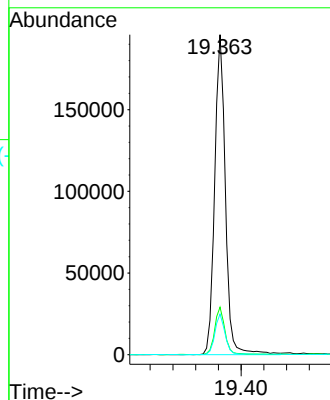
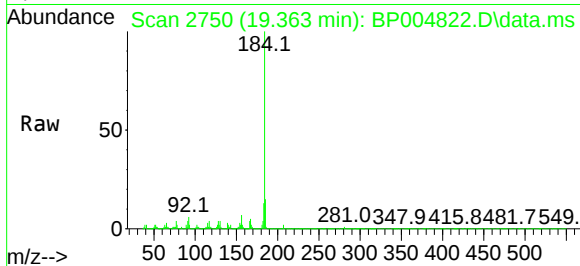




#77  
Benzidine  
Concen: 44.81 ng  
RT: 19.363 min Scan# 2750  
Delta R.T. 0.000 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

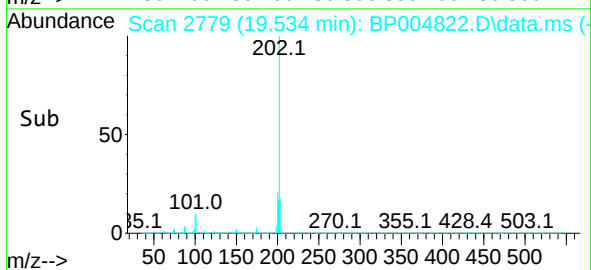
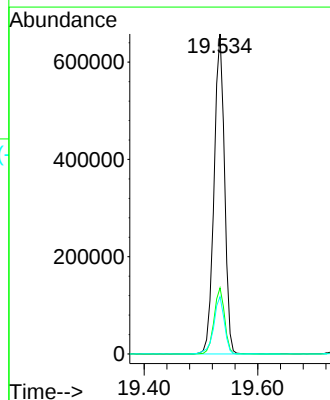
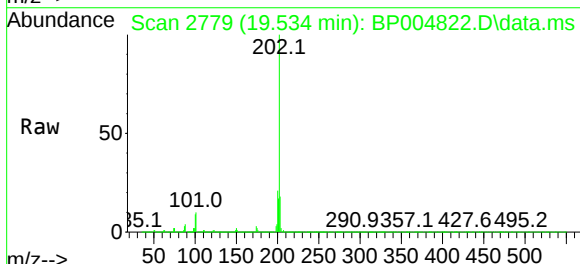
Instrument :  
BNA\_P  
ClientSampleId :  
BU-03-021621MS

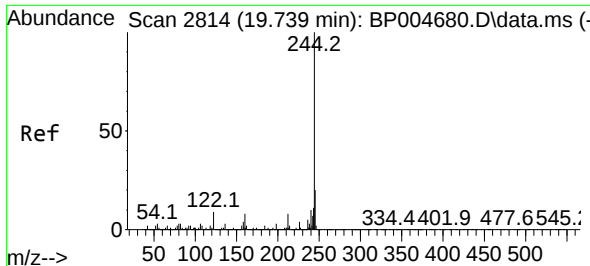
Tgt Ion:184 Resp: 255746  
Ion Ratio Lower Upper  
184 100  
185 14.8 11.5 17.3  
183 12.7 9.6 14.4



#78  
Pyrene  
Concen: 40.10 ng  
RT: 19.534 min Scan# 2779  
Delta R.T. 0.000 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

Tgt Ion:202 Resp: 836552  
Ion Ratio Lower Upper  
202 100  
200 20.6 17.1 25.7  
203 17.9 14.2 21.2

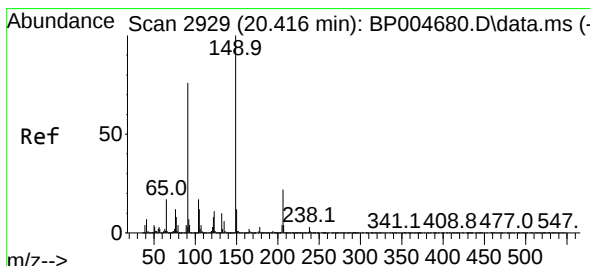
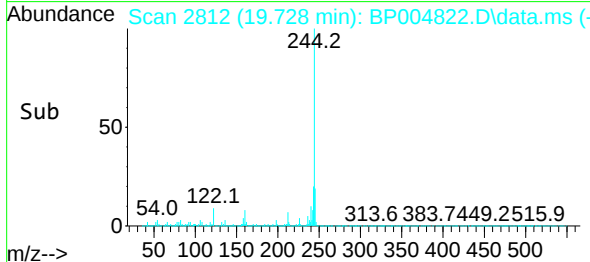
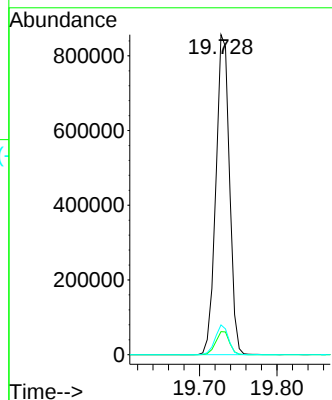
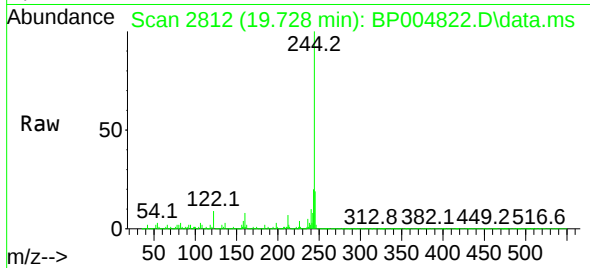




#79  
 Terphenyl-d14  
 Concen: 59.17 ng  
 RT: 19.728 min Scan# 2812  
 Delta R.T. -0.005 min  
 Lab File: BP004822.D  
 Acq: 19 Feb 2021 15:07

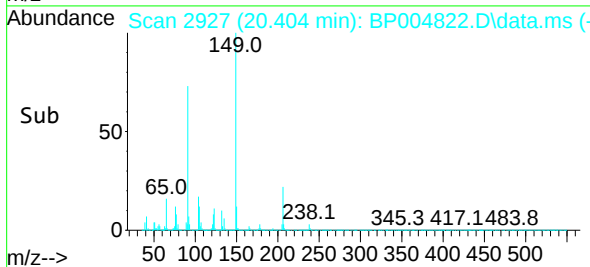
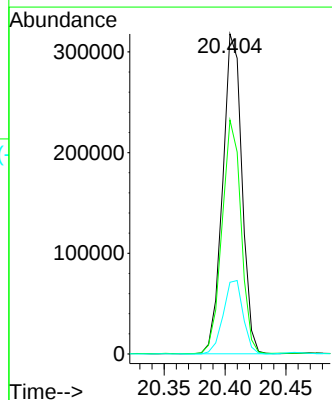
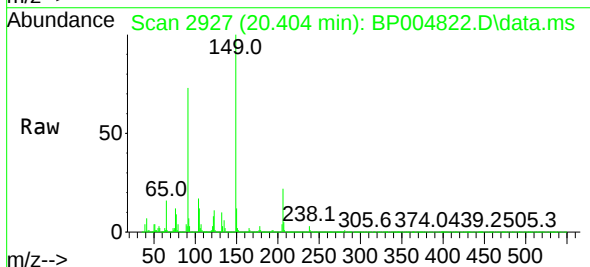
Instrument :  
 BNA\_P  
 ClientSampleId :  
 BU-03-021621MS

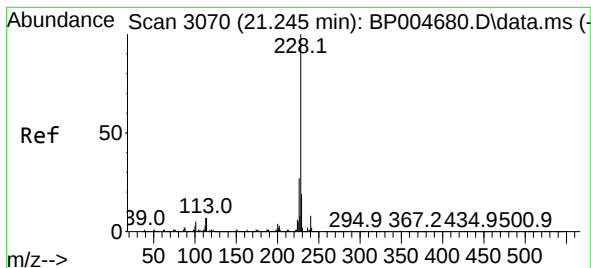
Tgt Ion:244 Resp: 1042073  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 5.8 8.6  
 122 9.3 7.8 11.8



#80  
 Butylbenzylphthalate  
 Concen: 42.67 ng  
 RT: 20.404 min Scan# 2927  
 Delta R.T. 0.000 min  
 Lab File: BP004822.D  
 Acq: 19 Feb 2021 15:07

Tgt Ion:149 Resp: 349832  
 Ion Ratio Lower Upper  
 149 100  
 91 73.1 45.4 68.0#  
 206 22.4 17.1 25.7

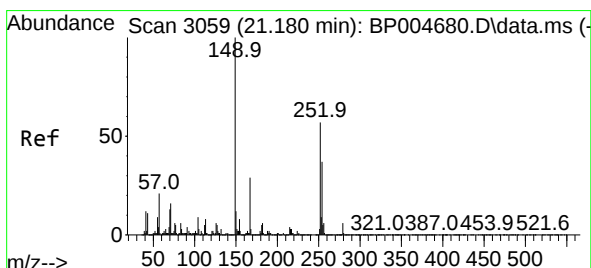
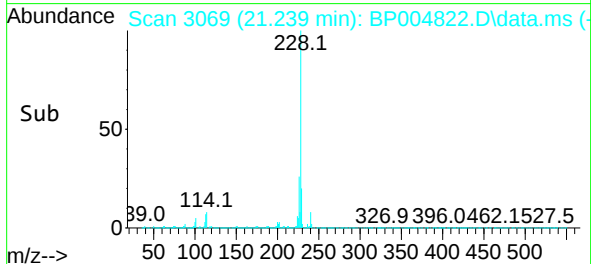
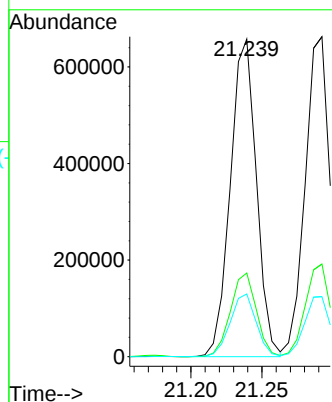
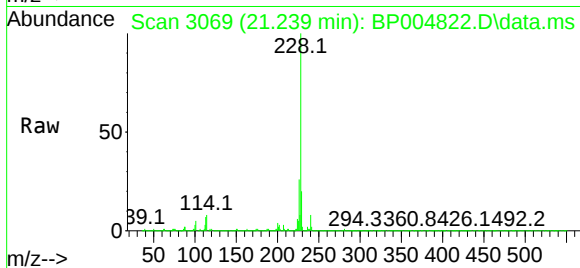




#81  
Benzo(a)anthracene  
Concen: 39.98 ng  
RT: 21.239 min Scan# 3069  
Delta R.T. 0.000 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

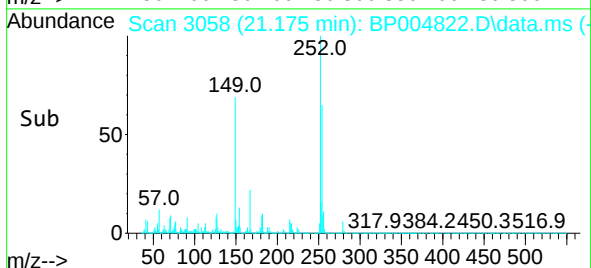
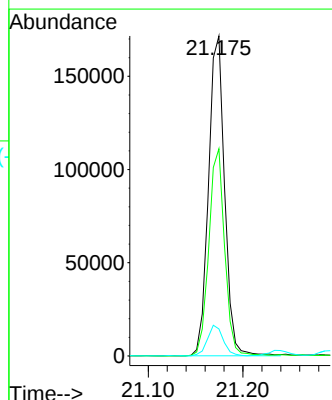
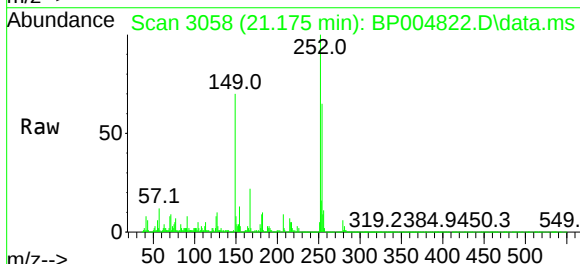
Instrument :  
BNA\_P  
ClientSampleId :  
BU-03-021621MS

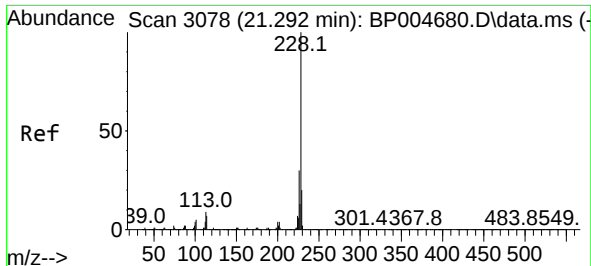
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 838765 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 26.3  | 22.1  | 33.1   |
| 229       | 19.8  | 15.9  | 23.9   |



#82  
3,3'-Dichlorobenzidine  
Concen: 30.44 ng  
RT: 21.175 min Scan# 3058  
Delta R.T. 0.000 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 202424 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 254       | 64.7  | 51.0  | 76.4   |
| 126       | 8.5   | 7.9   | 11.9   |

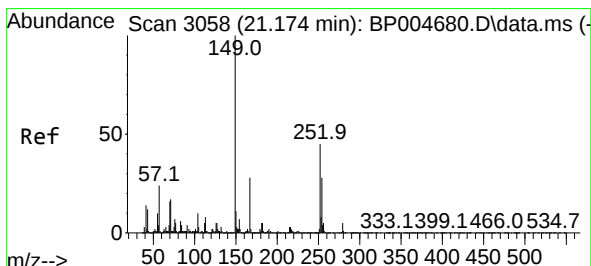
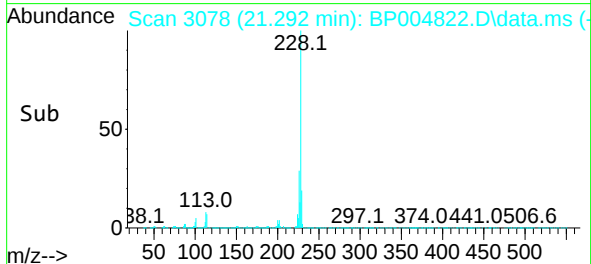
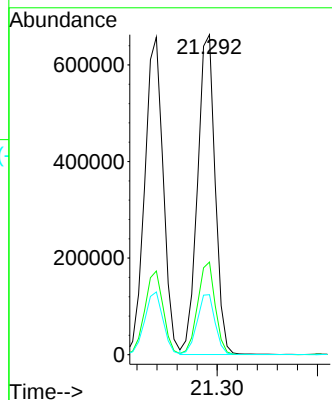
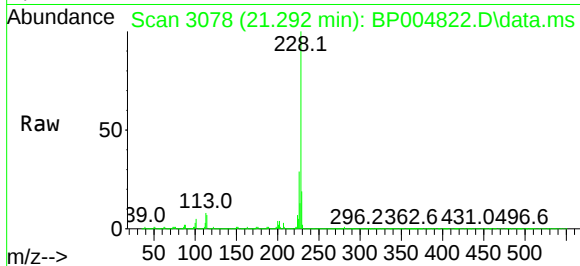




#83  
Chrysene  
Concen: 39.80 ng  
RT: 21.292 min Scan# 3078  
Delta R.T. 0.006 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

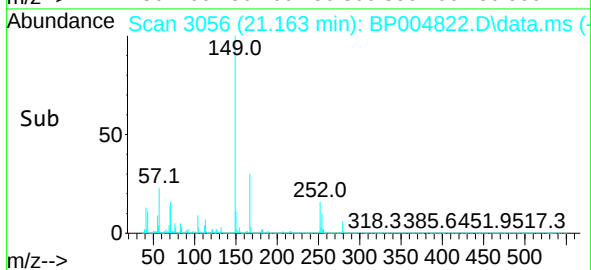
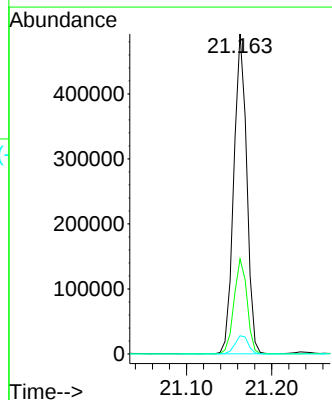
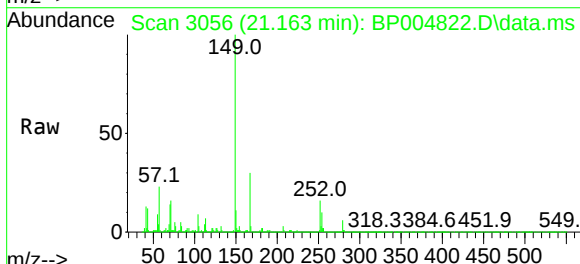
Instrument :  
BNA\_P  
ClientSampleId :  
BU-03-021621MS

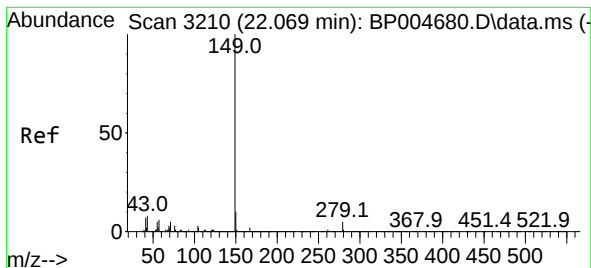
Tgt Ion:228 Resp: 808624  
Ion Ratio Lower Upper  
228 100  
226 28.9 24.4 36.6  
229 18.8 15.8 23.6



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 41.80 ng  
RT: 21.163 min Scan# 3056  
Delta R.T. 0.000 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

Tgt Ion:149 Resp: 517242  
Ion Ratio Lower Upper  
149 100  
167 29.7 22.6 34.0  
279 5.7 4.2 6.2

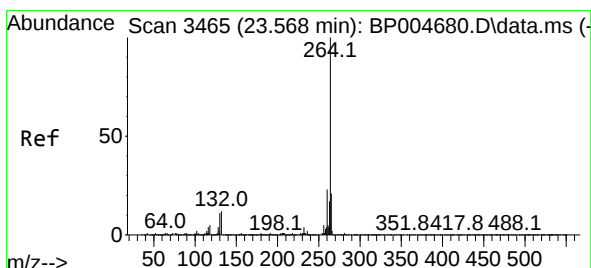
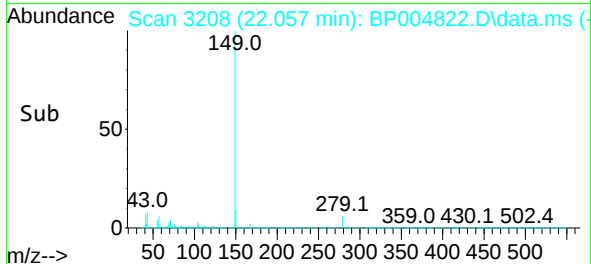
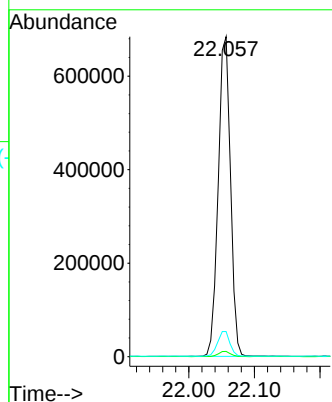
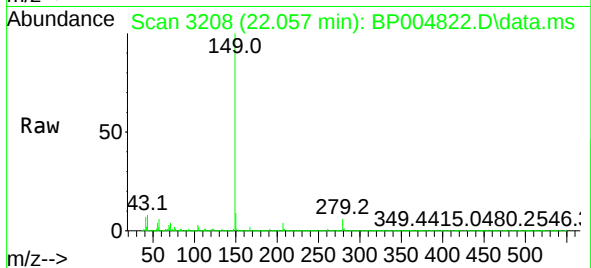




#85  
Di-n-octyl phthalate  
Concen: 44.09 ng  
RT: 22.057 min Scan# 3208  
Delta R.T. 0.000 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

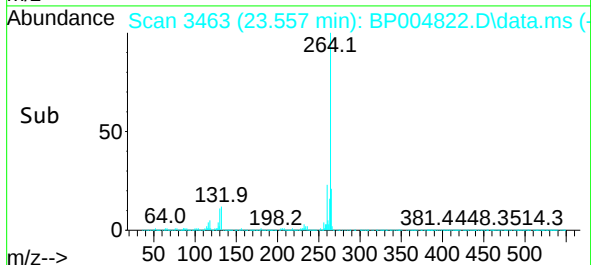
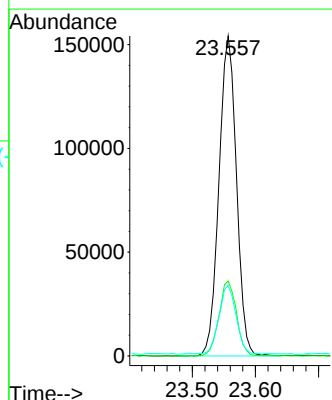
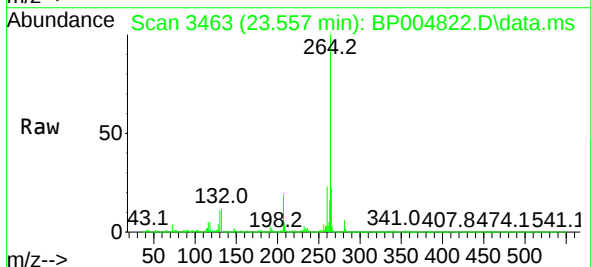
Instrument :  
BNA\_P  
ClientSampleId :  
BU-03-021621MS

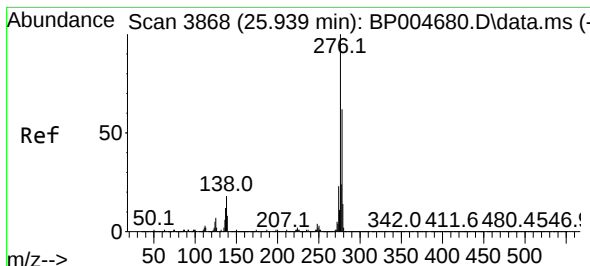
Tgt Ion:149 Resp: 884793  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 7.9 3.7 5.5#



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 23.557 min Scan# 3463  
Delta R.T. 0.000 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

Tgt Ion:264 Resp: 296861  
Ion Ratio Lower Upper  
264 100  
260 23.4 18.8 28.2  
265 22.0 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.23 ng

RT: 25.933 min Scan# 3867

Delta R.T. 0.006 min

Lab File: BP004822.D

Acq: 19 Feb 2021 15:07

Tgt Ion: 276 Resp: 977173

Ion Ratio Lower Upper

276 100

138 18.9 18.7 28.1

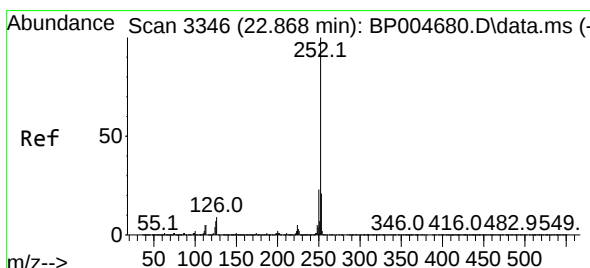
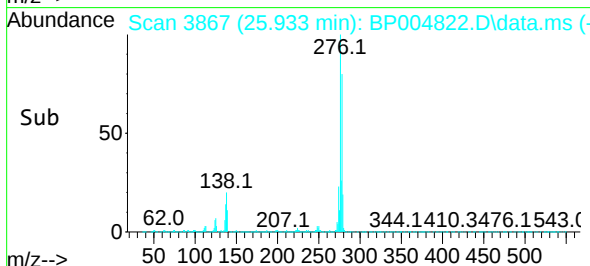
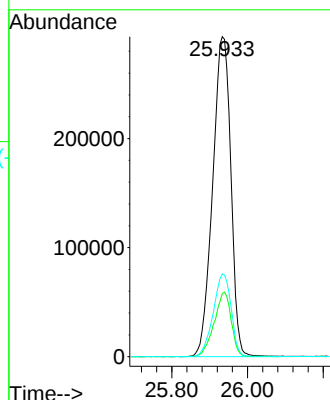
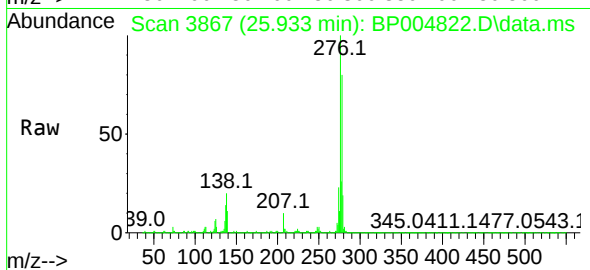
277 25.5 20.4 30.6

Instrument :

BNA\_P

ClientSampleId :

BU-03-021621MS



#88

Benzo(b)fluoranthene

Concen: 38.77 ng

RT: 22.910 min Scan# 3353

Delta R.T. 0.053 min

Lab File: BP004822.D

Acq: 19 Feb 2021 15:07

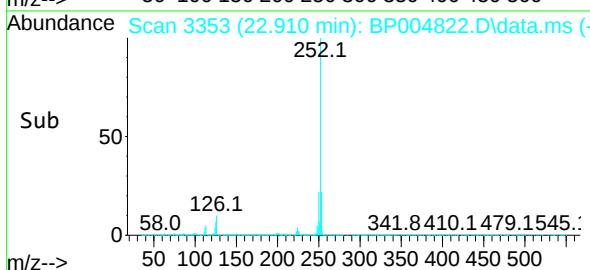
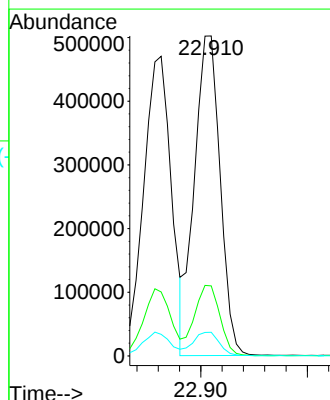
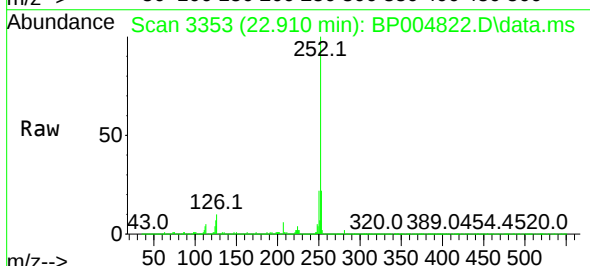
Tgt Ion: 252 Resp: 842967

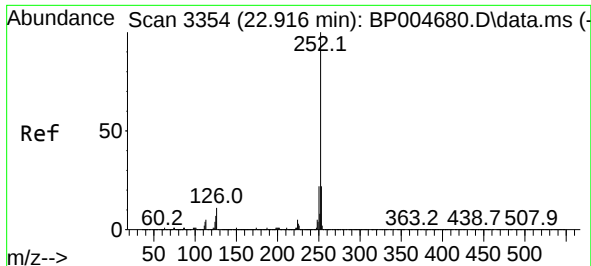
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 7.4 7.3 10.9

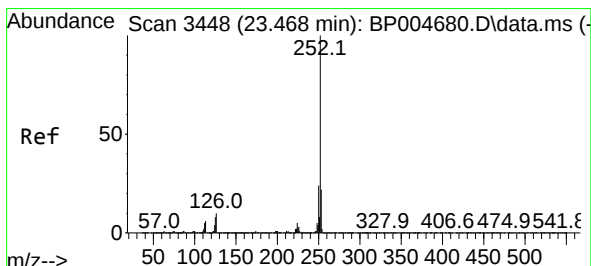
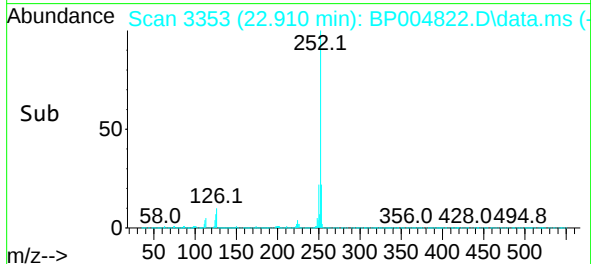
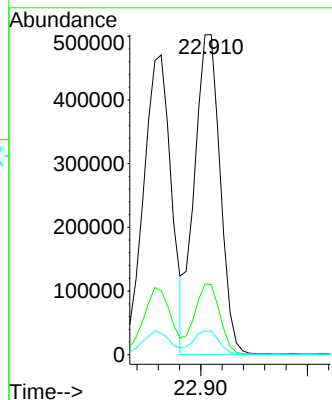
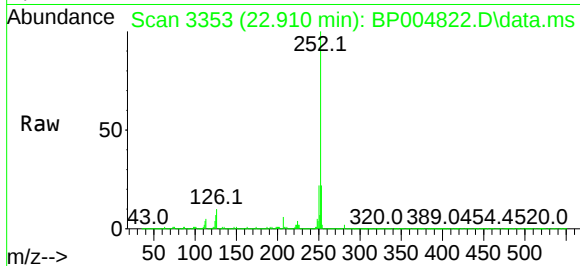




#89  
Benzo(k)fluoranthene  
Concen: 40.39 ng  
RT: 22.910 min Scan# 3353  
Delta R.T. 0.006 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

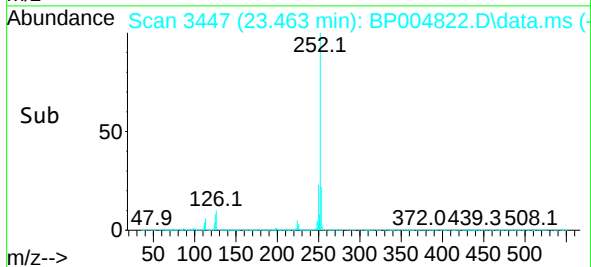
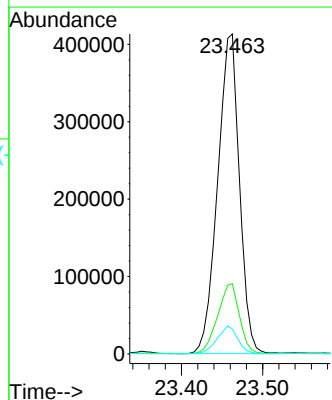
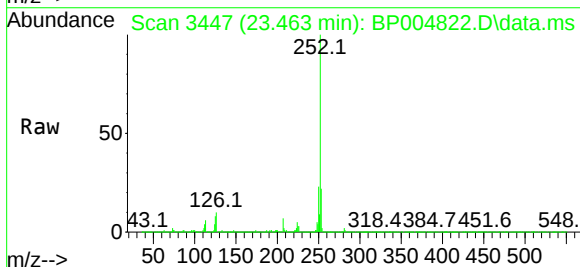
Instrument :  
BNA\_P  
ClientSampleId :  
BU-03-021621MS

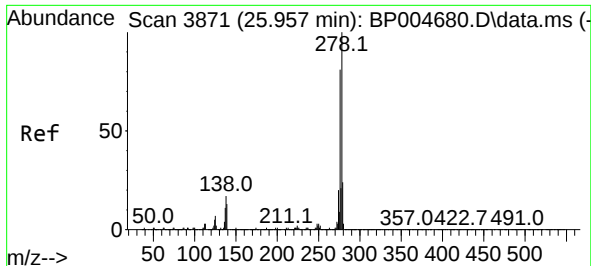
Tgt Ion:252 Resp: 842967  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.8 26.8  
125 7.4 7.4 11.2#



#90  
Benzo(a)pyrene  
Concen: 39.22 ng  
RT: 23.463 min Scan# 3447  
Delta R.T. 0.006 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

Tgt Ion:252 Resp: 770683  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.4 26.0  
125 7.8 8.2 12.4#

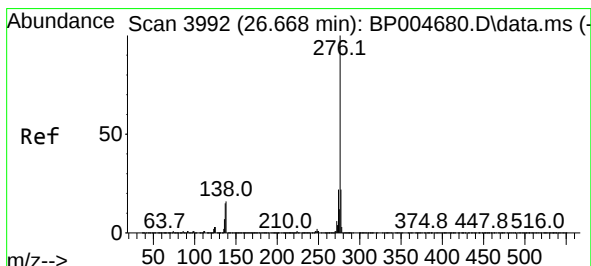
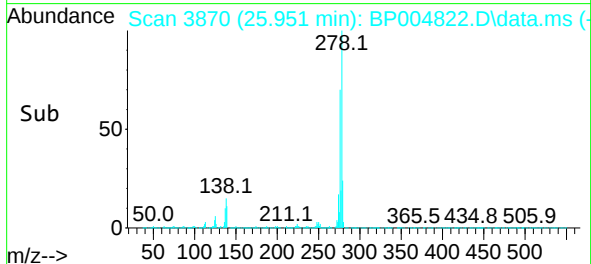
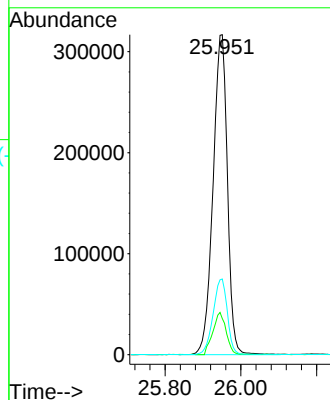
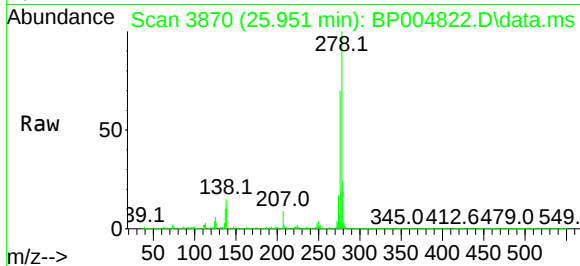




#91  
Dibenzo(a,h)anthracene  
Concen: 41.97 ng  
RT: 25.951 min Scan# 3870  
Delta R.T. 0.012 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

Instrument :  
BNA\_P  
ClientSampleId :  
BU-03-021621MS

Tgt Ion:278 Resp: 829831  
Ion Ratio Lower Upper  
278 100  
139 11.3 12.4 18.6#  
279 23.7 19.0 28.6



#92  
Benzo(g,h,i)perylene  
Concen: 42.17 ng  
RT: 26.663 min Scan# 3991  
Delta R.T. 0.012 min  
Lab File: BP004822.D  
Acq: 19 Feb 2021 15:07

Tgt Ion:276 Resp: 800075  
Ion Ratio Lower Upper  
276 100  
277 23.6 19.0 28.6  
138 16.1 16.6 24.8#

