

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP080223\  
 Data File : BP016467.D  
 Acq On : 02 Aug 2023 14:07  
 Operator : MA/JU  
 Sample : PB154596BS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB154596BS

Quant Time: Aug 02 21:43:23 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP072723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 28 01:48:25 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.075  | 152  | 414825   | 20.000  | ng    | -0.02    |
| 21) Naphthalene-d8            | 10.910 | 136  | 1765095  | 20.000  | ng    | -0.02    |
| 39) Acenaphthene-d10          | 14.727 | 164  | 1147288  | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.492 | 188  | 2592120  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.592 | 240  | 2705683  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.186 | 264  | 2874872  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.587  | 112  | 3165100  | 124.476 | ng    | -0.02    |
| 7) Phenol-d6                  | 7.216  | 99   | 4145684  | 118.949 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 9.275  | 82   | 2533579  | 80.350  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol      | 16.221 | 330  | 2190901  | 129.806 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.351 | 172  | 6216631  | 77.684  | ng    | -0.01    |
| 79) Terphenyl-d14             | 20.039 | 244  | 10905545 | 85.143  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.434  | 88   | 315834   | 31.848  | ng    | 98       |
| 3) Pyridine                   | 3.852  | 79   | 870469   | 29.365  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.781  | 42   | 420725   | 37.643  | ng    | 98       |
| 6) Aniline                    | 7.404  | 93   | 1423413  | 33.065  | ng    | 98       |
| 8) 2-Chlorophenol             | 7.628  | 128  | 1295449  | 48.591  | ng    | 99       |
| 9) Benzaldehyde               | 7.222  | 77   | 578450   | 33.793  | ng    | 98       |
| 10) Phenol                    | 7.245  | 94   | 1541926  | 45.557  | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.504  | 93   | 1079127  | 39.223  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 7.957  | 146  | 1264141  | 44.169  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 8.110  | 146  | 1296723  | 44.665  | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 8.422  | 146  | 1250790  | 44.746  | ng    | 100      |
| 15) Benzyl Alcohol            | 8.328  | 79   | 1094269  | 45.957  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.604  | 45   | 1325301  | 42.475  | ng    | 99       |
| 17) 2-Methylphenol            | 8.510  | 107  | 1102373  | 45.193  | ng    | 100      |
| 18) Hexachloroethane          | 9.151  | 117  | 458092   | 44.236  | ng    | 100      |
| 19) n-Nitroso-di-n-propyla... | 8.892  | 70   | 908478   | 41.608  | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.845  | 107  | 1504936  | 45.428  | ng    | 98       |
| 22) Acetophenone              | 8.922  | 105  | 1837807  | 41.238  | ng    | # 100    |
| 24) Nitrobenzene              | 9.316  | 77   | 1339945  | 41.374  | ng    | 98       |
| 25) Isophorone                | 9.834  | 82   | 2533367  | 39.795  | ng    | 99       |
| 26) 2-Nitrophenol             | 10.022 | 139  | 635158   | 45.666  | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 10.057 | 122  | 1229768  | 43.180  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 10.316 | 93   | 1611198  | 41.319  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 10.539 | 162  | 1274279  | 47.809  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.757 | 180  | 1240314  | 42.963  | ng    | 100      |
| 31) Naphthalene               | 10.963 | 128  | 3764920  | 40.778  | ng    | 100      |
| 32) Benzoic acid              | 10.186 | 122  | 876995   | 47.074  | ng    | 98       |
| 33) 4-Chloroaniline           | 11.086 | 127  | 977565   | 23.473  | ng    | 99       |
| 34) Hexachlorobutadiene       | 11.198 | 225  | 721759   | 42.228  | ng    | 99       |
| 35) Caprolactam               | 11.904 | 113  | 433819   | 44.543  | ng    | 98       |
| 36) 4-Chloro-3-methylphenol   | 12.175 | 107  | 1347661  | 45.487  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.557 | 142  | 2673791  | 39.864  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.775 | 142  | 2553384  | 40.606  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.904 | 216  | 1446762  | 41.496  | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 12.863 | 237  | 1820336  | 103.956 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 13.151 | 196  | 1039466  | 46.465  | ng    | 99       |

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 Sample : PB154596BS  
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 ALS Vial : 5 Sample Multiplier: 1

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 28 01:48:25 2023  
 Response via : Initial Calibration

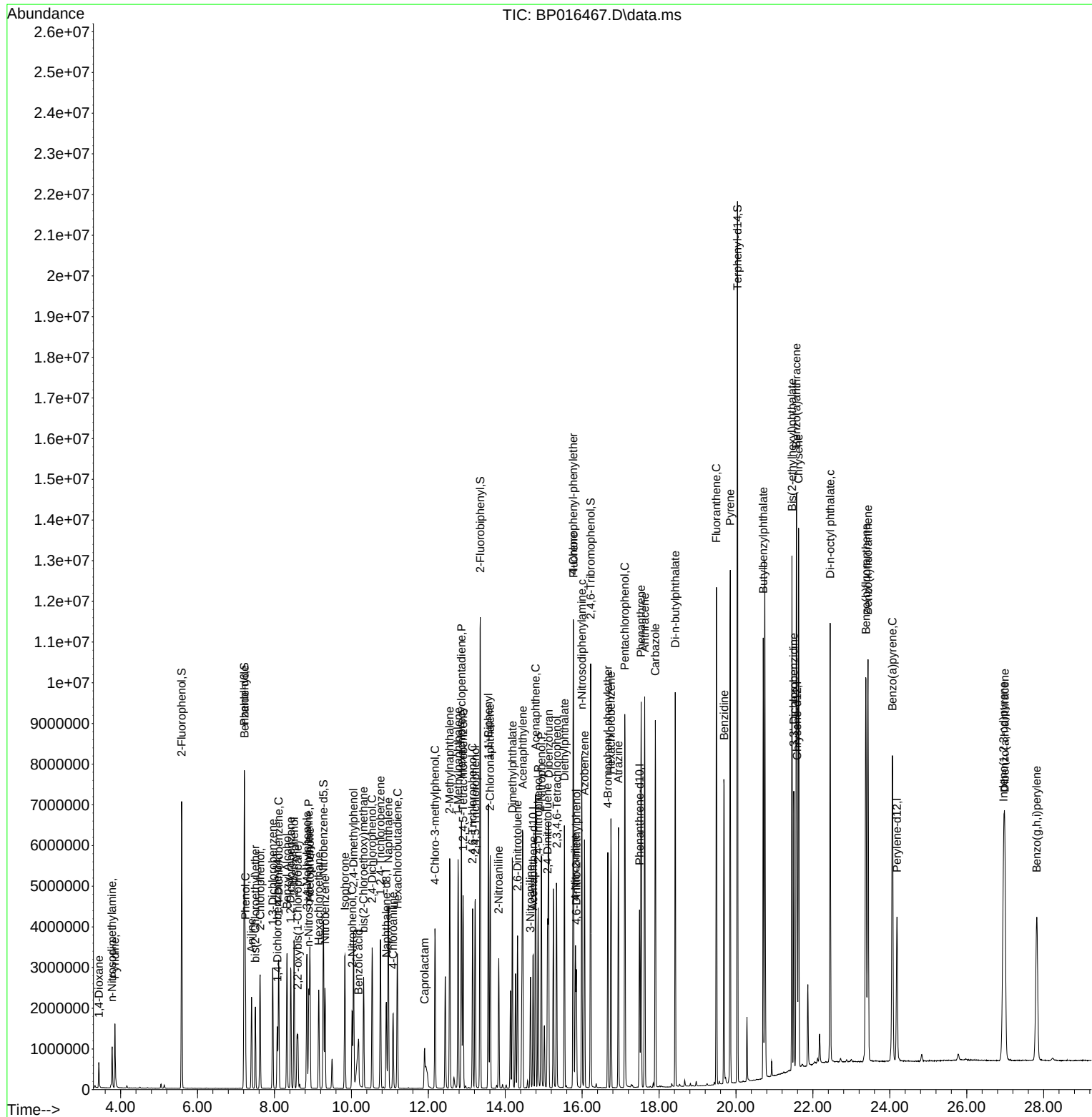
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.222 | 196  | 1151026  | 42.409  | ng    | 99       |
| 46) 1,1'-Biphenyl             | 13.563 | 154  | 3550605  | 40.599  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.610 | 162  | 2757586  | 41.794  | ng    | 99       |
| 48) 2-Nitroaniline            | 13.833 | 65   | 807943   | 43.441  | ng    | 97       |
| 49) Acenaphthylene            | 14.457 | 152  | 4604739  | 42.062  | ng    | 99       |
| 50) Dimethylphthalate         | 14.186 | 163  | 3631695  | 40.621  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.322 | 165  | 794222   | 43.363  | ng    | 97       |
| 52) Acenaphthene              | 14.792 | 154  | 2627660  | 40.364  | ng    | 100      |
| 53) 3-Nitroaniline            | 14.657 | 138  | 677846   | 32.735  | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 14.857 | 184  | 951141   | 107.905 | ng    | 95       |
| 55) Dibenzofuran              | 15.127 | 168  | 4326946  | 40.527  | ng    | 99       |
| 56) 4-Nitrophenol             | 14.939 | 139  | 1582086  | 97.605  | ng    | 99       |
| 57) 2,4-Dinitrotoluene        | 15.104 | 165  | 1109603  | 46.485  | ng    | 99       |
| 58) Fluorene                  | 15.774 | 166  | 3447564  | 41.102  | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.339 | 232  | 1048793  | 46.975  | ng    | 99       |
| 60) Diethylphthalate          | 15.539 | 149  | 3628167  | 40.836  | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.769 | 204  | 1738762  | 41.079  | ng    | 98       |
| 62) 4-Nitroaniline            | 15.827 | 138  | 894308   | 43.519  | ng    | 99       |
| 63) Azobenzene                | 16.063 | 77   | 3314013  | 39.503  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.851 | 198  | 611778   | 50.089  | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 15.992 | 169  | 3140982  | 41.117  | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 16.668 | 248  | 1149604  | 41.884  | ng    | 99       |
| 68) Hexachlorobenzene         | 16.751 | 284  | 1393789  | 45.536  | ng    | 98       |
| 69) Atrazine                  | 16.945 | 200  | 1205221  | 53.049  | ng    | 100      |
| 70) Pentachlorophenol         | 17.110 | 266  | 1687648  | 79.675  | ng    | 99       |
| 71) Phenanthrene              | 17.533 | 178  | 5740359  | 41.706  | ng    | 99       |
| 72) Anthracene                | 17.627 | 178  | 5776269  | 41.735  | ng    | 100      |
| 73) Carbazole                 | 17.904 | 167  | 5556444  | 42.821  | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.421 | 149  | 6543813  | 43.590  | ng    | 99       |
| 75) Fluoranthene              | 19.492 | 202  | 7029125  | 43.571  | ng    | 99       |
| 77) Benzidine                 | 19.692 | 184  | 4077482  | 86.921  | ng    | 99       |
| 78) Pyrene                    | 19.851 | 202  | 7322556  | 40.372  | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.709 | 149  | 3113346  | 43.693  | ng    | 100      |
| 81) Benzo(a)anthracene        | 21.574 | 228  | 7658279  | 42.185  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.504 | 252  | 2064624  | 34.645  | ng    | 99       |
| 83) Chrysene                  | 21.627 | 228  | 7087410  | 40.884  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.456 | 149  | 4620822  | 43.194  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.451 | 149  | 7952748  | 44.201  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 26.956 | 276  | 6964019  | 35.930  | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 23.380 | 252  | 7723592  | 46.347  | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 23.433 | 252  | 7485189  | 44.165  | ng    | 100      |
| 90) Benzo(a)pyrene            | 24.068 | 252  | 6535339  | 40.488  | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 26.991 | 278  | 5885533  | 36.412  | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 27.821 | 276  | 5274215  | 33.861  | ng    | 99       |

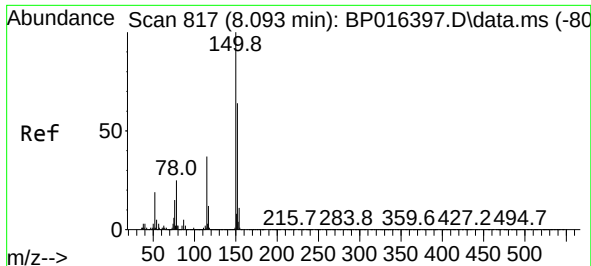
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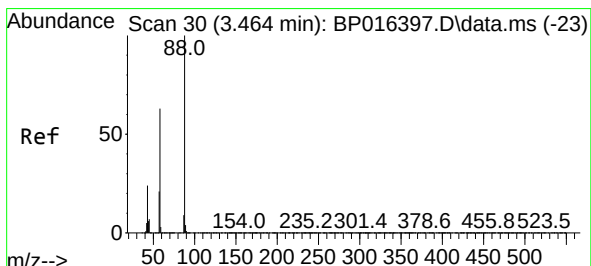
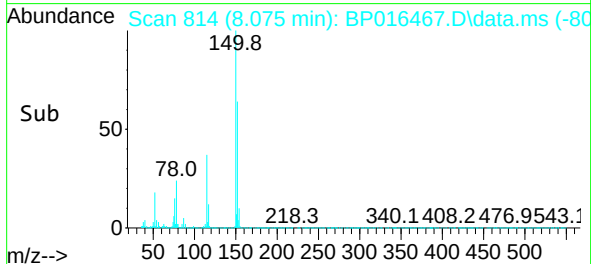
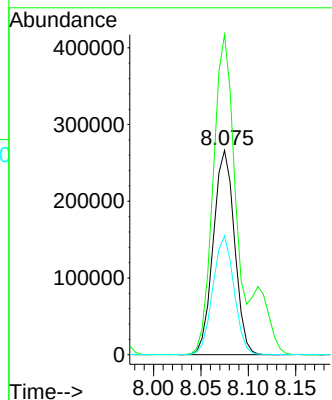
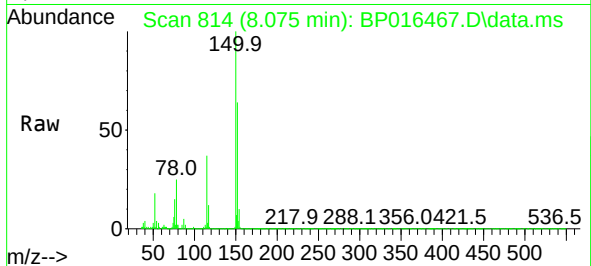




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.075 min Scan# 81  
 Delta R.T. -0.018 min  
 Lab File: BP016467.D  
 Acq: 02 Aug 2023 14:07

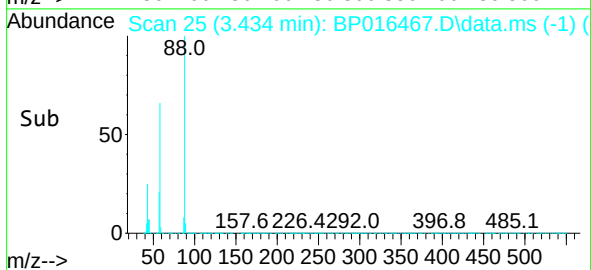
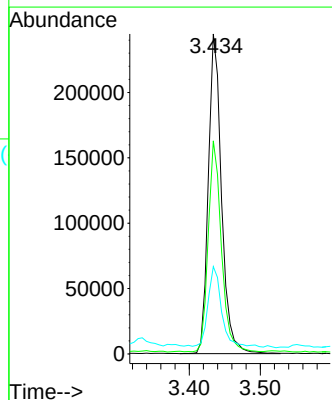
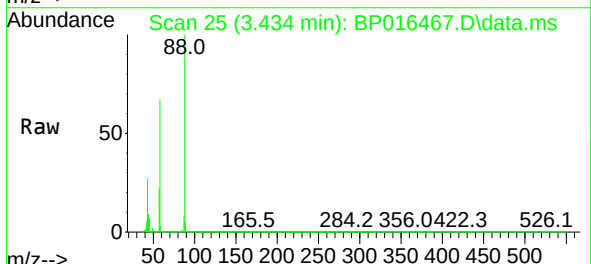
Instrument :  
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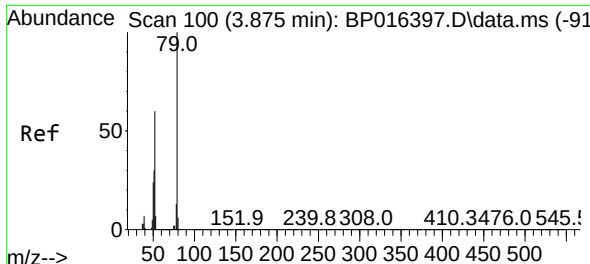
Tgt Ion:152 Resp: 414825  
 Ion Ratio Lower Upper  
 152 100  
 150 156.6 124.9 187.3  
 115 58.2 46.8 70.2



#2  
 1,4-Dioxane  
 Concen: 31.848 ng  
 RT: 3.434 min Scan# 25  
 Delta R.T. -0.030 min  
 Lab File: BP016467.D  
 Acq: 02 Aug 2023 14:07

Tgt Ion: 88 Resp: 315834  
 Ion Ratio Lower Upper  
 88 100  
 58 65.6 51.7 77.5  
 43 25.8 19.2 28.8

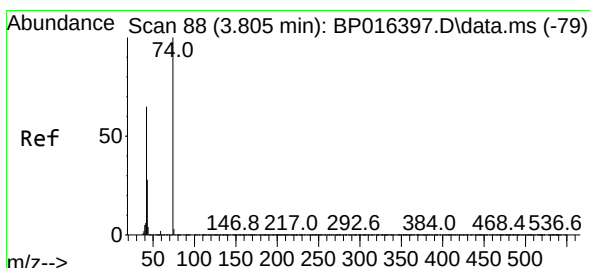
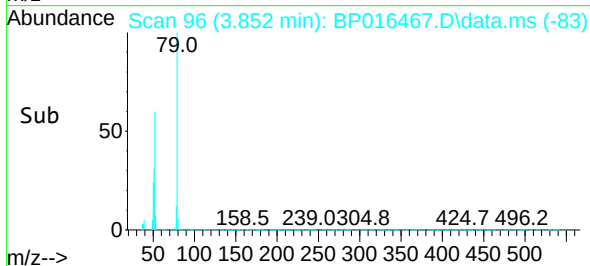
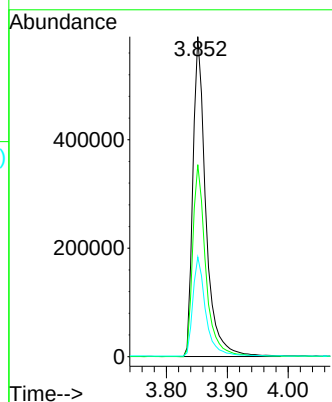
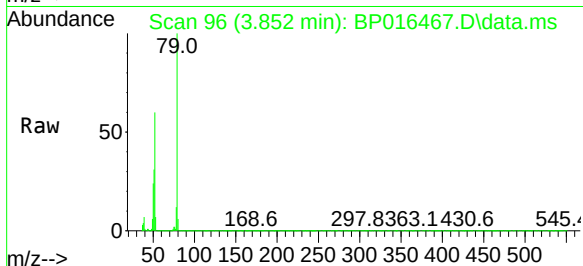




#3  
 Pyridine  
 Concen: 29.365 ng  
 RT: 3.852 min Scan# 90  
 Delta R.T. -0.024 min  
 Lab File: BP016467.D  
 Acq: 02 Aug 2023 14:07

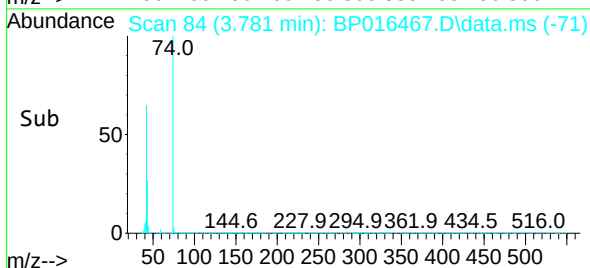
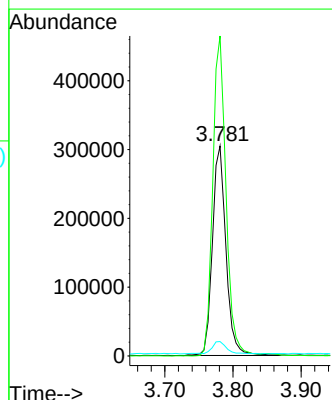
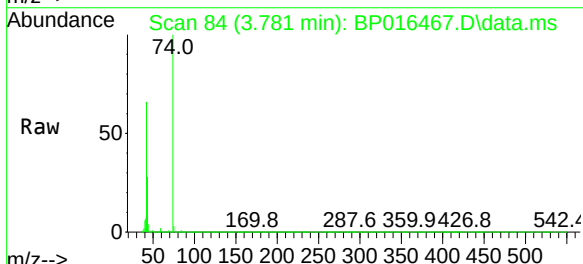
Instrument :  
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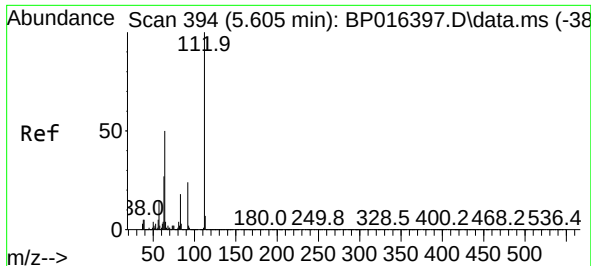
Tgt Ion: 79 Resp: 870469  
 Ion Ratio Lower Upper  
 79 100  
 52 60.0 47.9 71.9  
 51 31.2 24.4 36.6



#4  
 n-Nitrosodimethylamine  
 Concen: 37.643 ng  
 RT: 3.781 min Scan# 84  
 Delta R.T. -0.024 min  
 Lab File: BP016467.D  
 Acq: 02 Aug 2023 14:07

Tgt Ion: 42 Resp: 420725  
 Ion Ratio Lower Upper  
 42 100  
 74 152.4 123.8 185.8  
 44 6.8 5.5 8.3

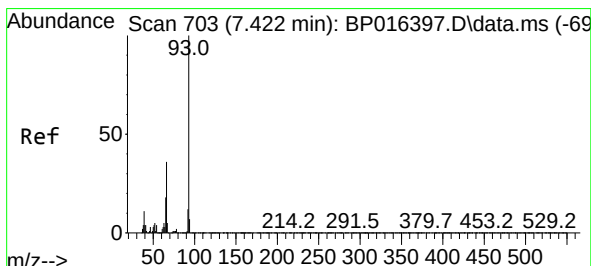
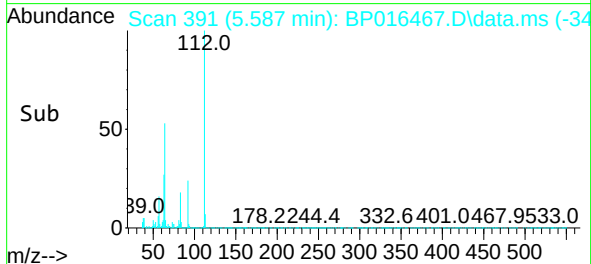
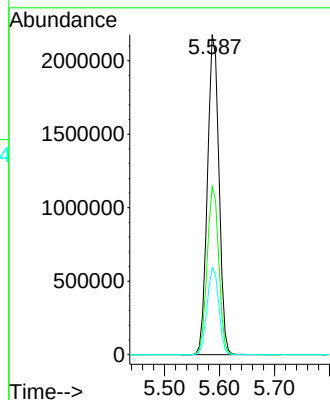
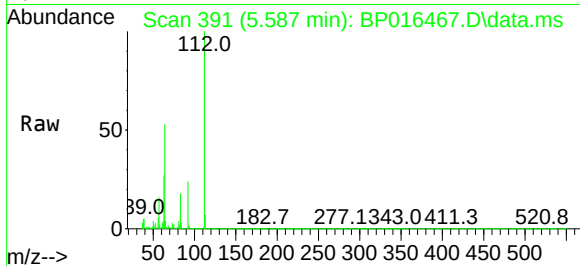




#5  
2-Fluorophenol  
Concen: 124.476 ng  
RT: 5.587 min Scan# 394  
Delta R.T. -0.018 min  
Lab File: BP016467.D  
Acq: 02 Aug 2023 14:07

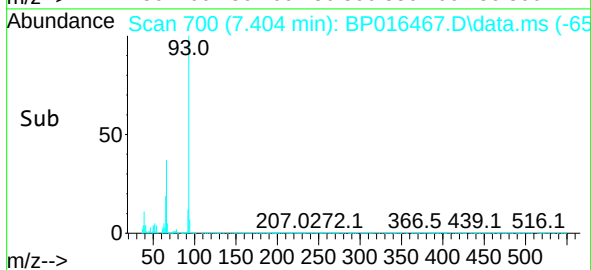
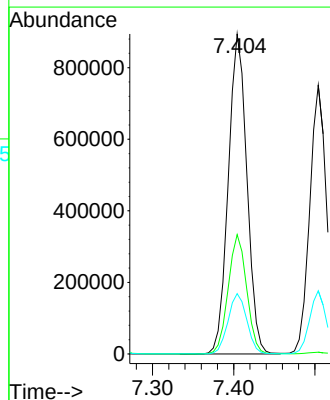
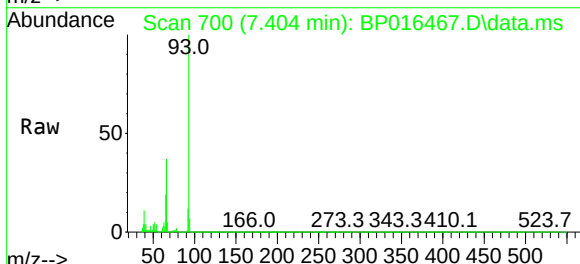
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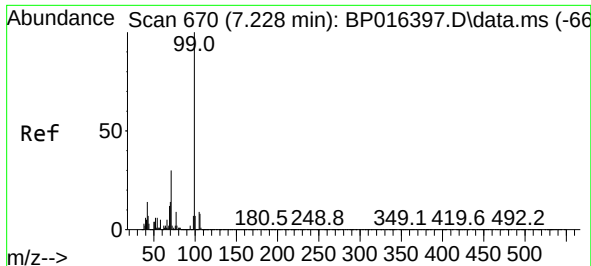
Tgt Ion:112 Resp: 3165100  
Ion Ratio Lower Upper  
112 100  
64 52.7 40.0 60.0  
63 27.2 21.2 31.8



#6  
Aniline  
Concen: 33.065 ng  
RT: 7.404 min Scan# 700  
Delta R.T. -0.018 min  
Lab File: BP016467.D  
Acq: 02 Aug 2023 14:07

Tgt Ion: 93 Resp: 1423413  
Ion Ratio Lower Upper  
93 100  
66 37.3 28.9 43.3  
65 18.9 14.7 22.1

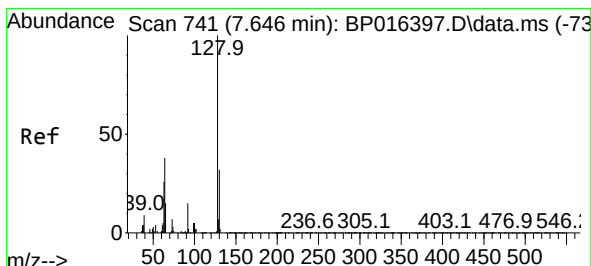
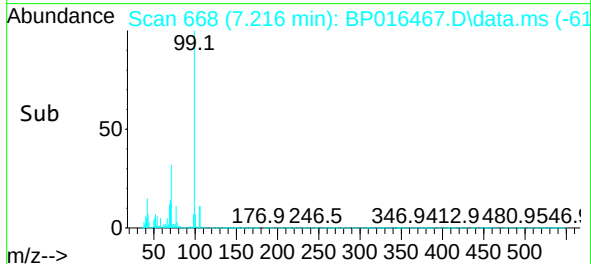
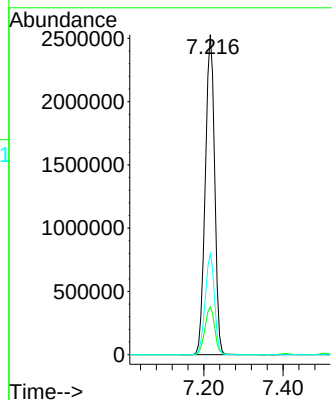
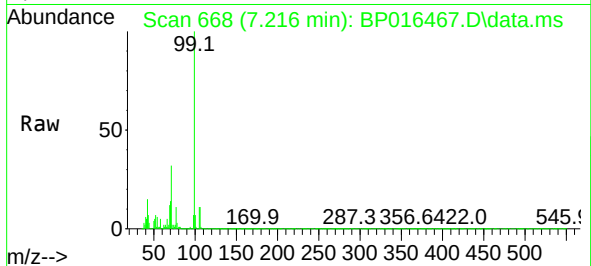




#7  
Phenol-d6  
Concen: 118.949 ng  
RT: 7.216 min Scan# 61  
Delta R.T. -0.012 min  
Lab File: BP016467.D  
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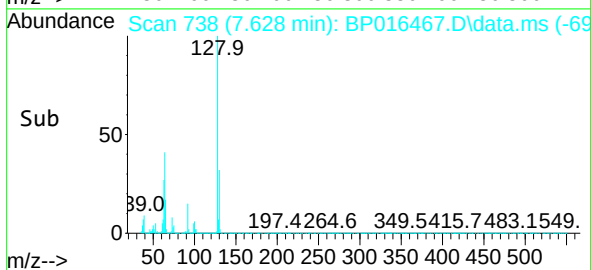
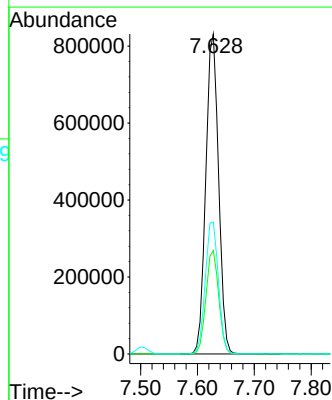
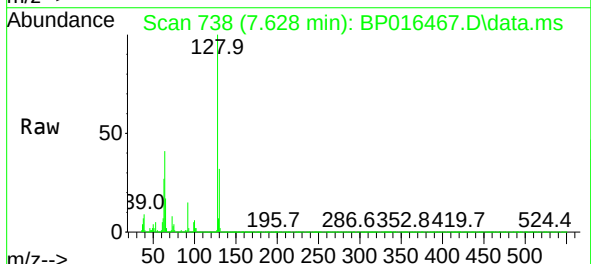
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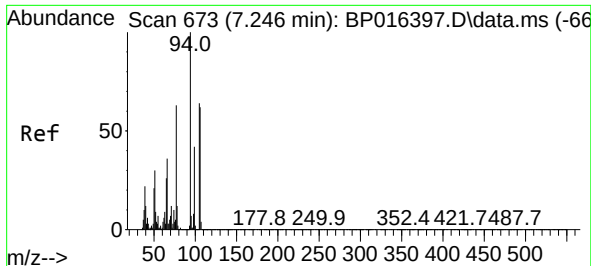
Tgt Ion: 99 Resp: 4145684  
Ion Ratio Lower Upper  
99 100  
42 14.9 11.6 17.4  
71 31.5 24.3 36.5



#8  
2-Chlorophenol  
Concen: 48.591 ng  
RT: 7.628 min Scan# 738  
Delta R.T. -0.018 min  
Lab File: BP016467.D  
Acq: 02 Aug 2023 14:07

Tgt Ion: 128 Resp: 1295449  
Ion Ratio Lower Upper  
128 100  
130 32.3 11.6 51.6  
64 41.3 20.6 60.6

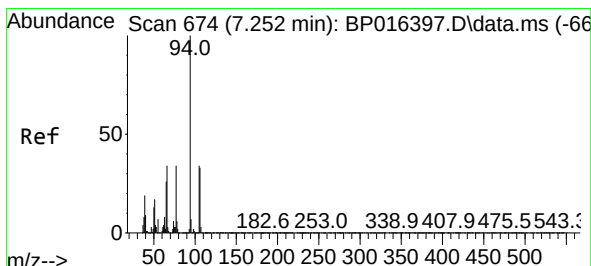
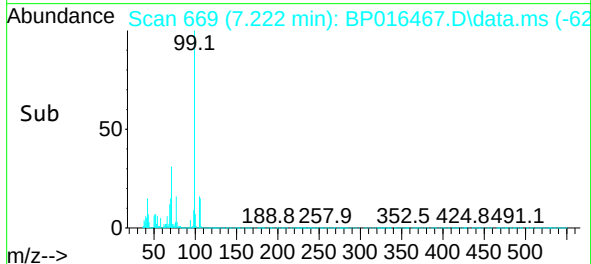
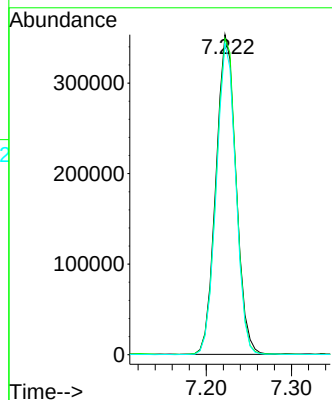
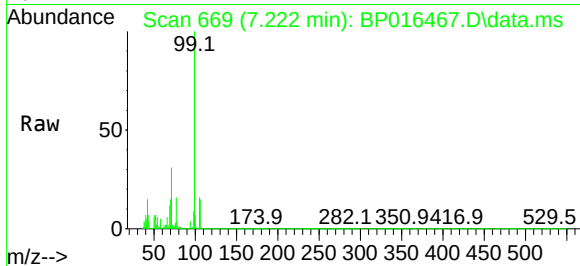




#9  
Benzaldehyde  
Concen: 33.793 ng  
RT: 7.222 min Scan# 60  
Delta R.T. -0.024 min  
Lab File: BP016467.D  
Acq: 02 Aug 2023 14:07

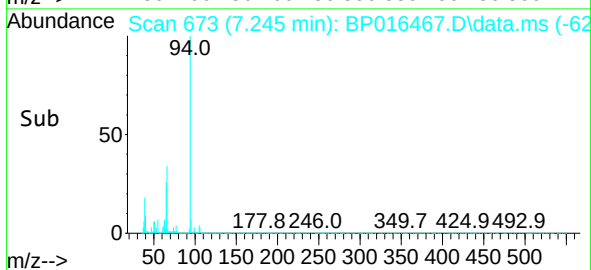
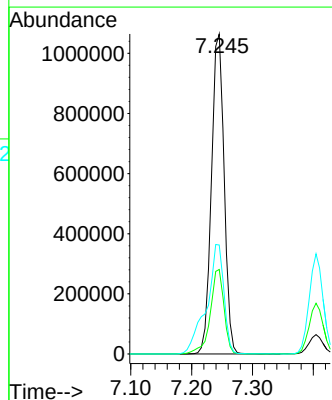
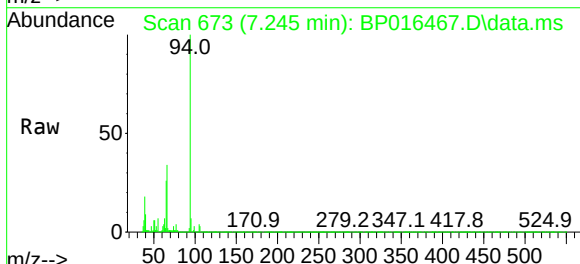
Instrument :  
BNA\_P  
ClientSampleId :  
PB154596BS

Tgt Ion: 77 Resp: 578450  
Ion Ratio Lower Upper  
77 100  
105 98.8 81.9 121.9  
106 97.2 78.8 118.8

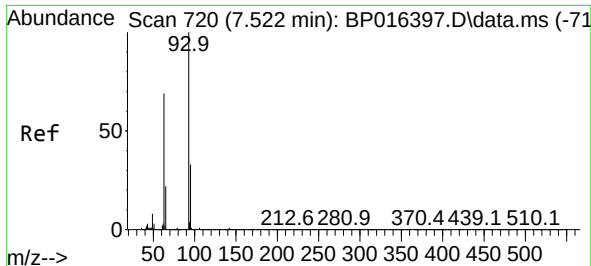


#10  
Phenol  
Concen: 45.557 ng  
RT: 7.245 min Scan# 673  
Delta R.T. -0.006 min  
Lab File: BP016467.D  
Acq: 02 Aug 2023 14:07

Tgt Ion: 94 Resp: 1541926  
Ion Ratio Lower Upper  
94 100  
65 26.4 5.9 45.9  
66 34.0 14.3 54.3



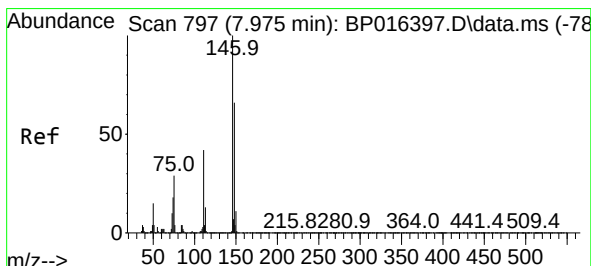
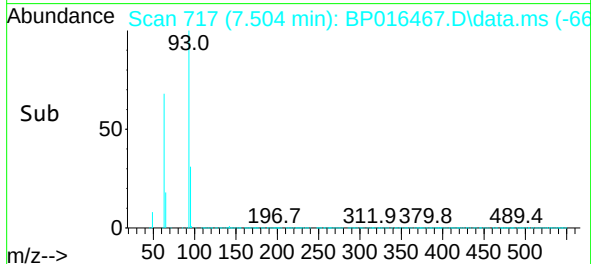
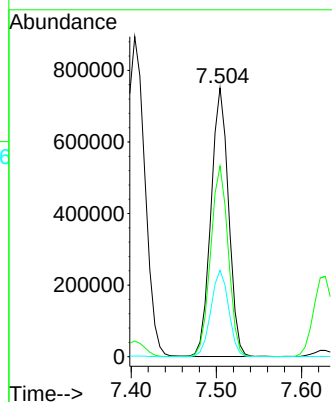
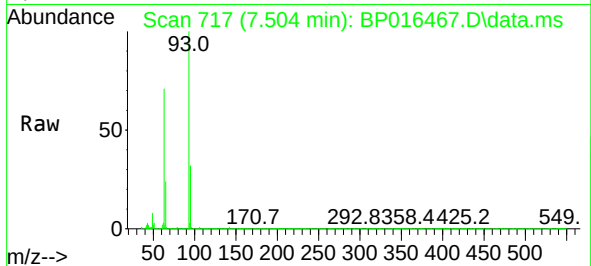




#11  
bis(2-Chloroethyl)ether  
Concen: 39.223 ng  
RT: 7.504 min Scan# 71  
Delta R.T. -0.018 min  
Lab File: BP016467.D  
Acq: 02 Aug 2023 14:07

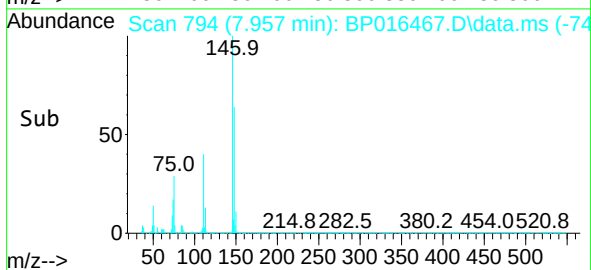
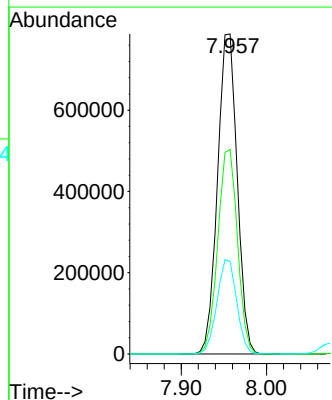
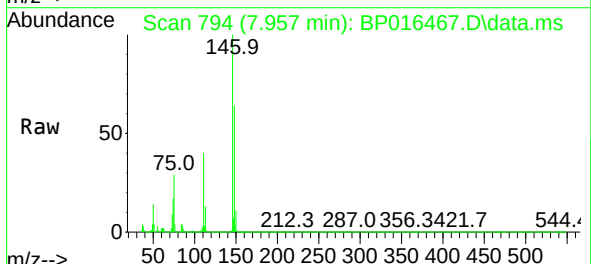
Instrument :  
BNA\_P  
ClientSampleId :  
PB154596BS

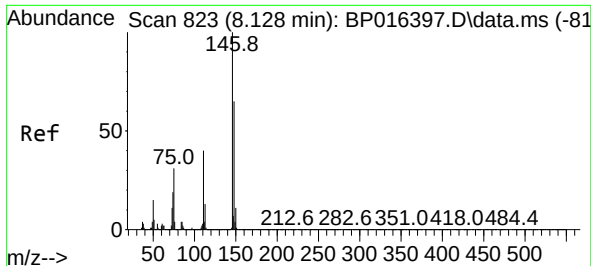
Tgt Ion: 93 Resp: 1079127  
Ion Ratio Lower Upper  
93 100  
63 70.9 49.4 89.4  
95 32.1 12.9 52.9



#12  
1,3-Dichlorobenzene  
Concen: 44.169 ng  
RT: 7.957 min Scan# 794  
Delta R.T. -0.018 min  
Lab File: BP016467.D  
Acq: 02 Aug 2023 14:07

Tgt Ion:146 Resp: 1264141  
Ion Ratio Lower Upper  
146 100  
148 63.9 53.0 79.4  
75 28.9 23.4 35.2

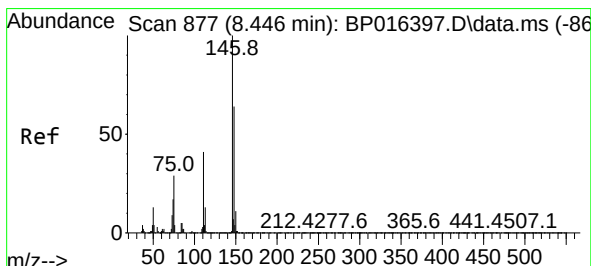
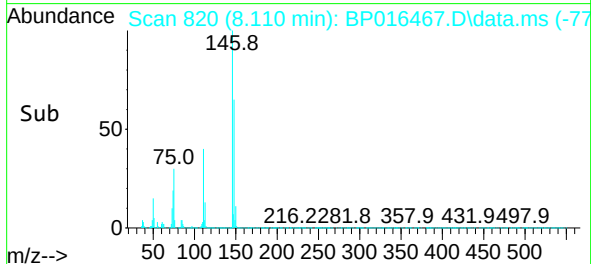
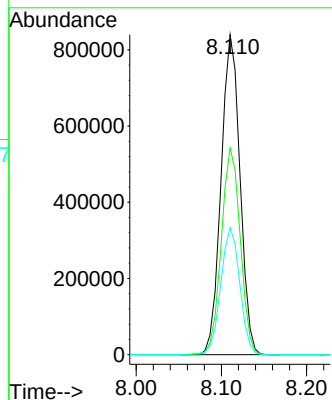
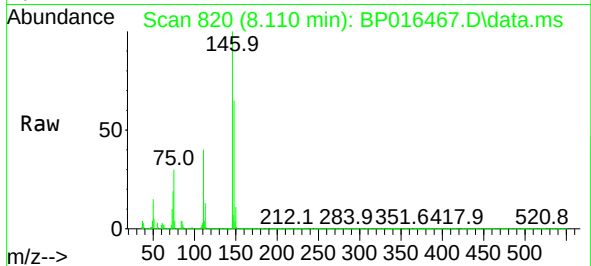




#13  
1,4-Dichlorobenzene  
Concen: 44.665 ng  
RT: 8.110 min Scan# 81  
Delta R.T. -0.018 min  
Lab File: BP016467.D  
Acq: 02 Aug 2023 14:07

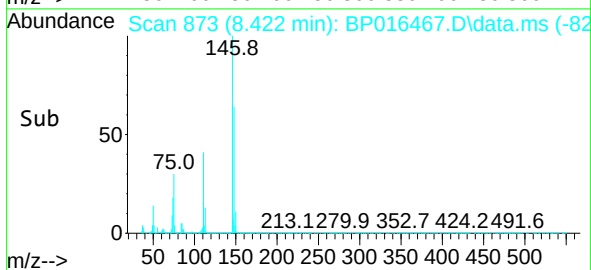
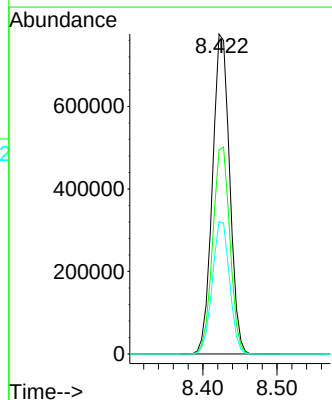
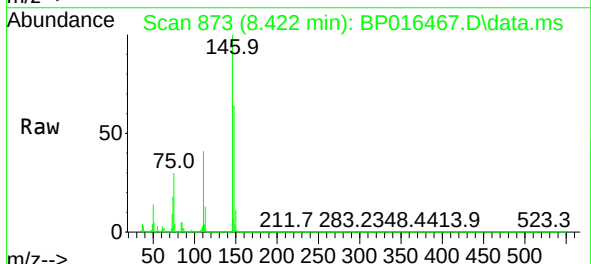
Instrument :  
BNA\_P  
ClientSampleId :  
PB154596BS

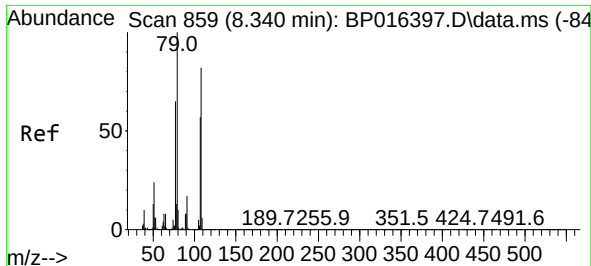
Tgt Ion:146 Resp: 1296723  
Ion Ratio Lower Upper  
146 100  
148 64.6 51.7 77.5  
111 39.6 32.0 48.0



#14  
1,2-Dichlorobenzene  
Concen: 44.746 ng  
RT: 8.422 min Scan# 873  
Delta R.T. -0.024 min  
Lab File: BP016467.D  
Acq: 02 Aug 2023 14:07

Tgt Ion:146 Resp: 1250790  
Ion Ratio Lower Upper  
146 100  
148 63.8 51.0 76.6  
111 41.4 32.6 49.0

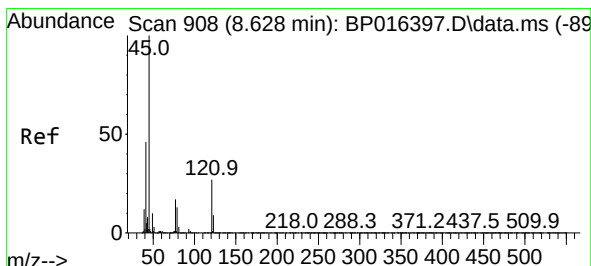
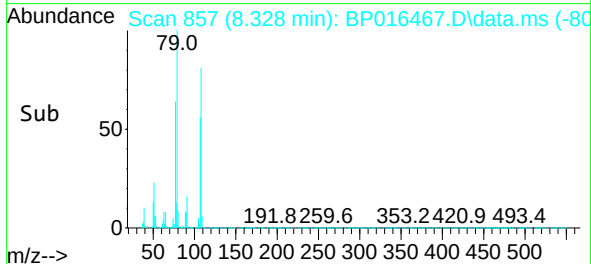
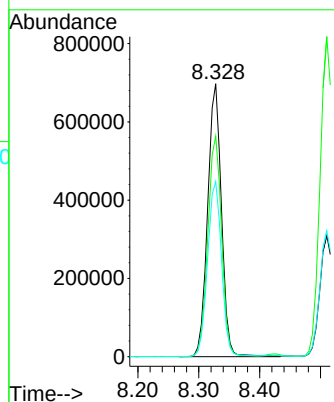
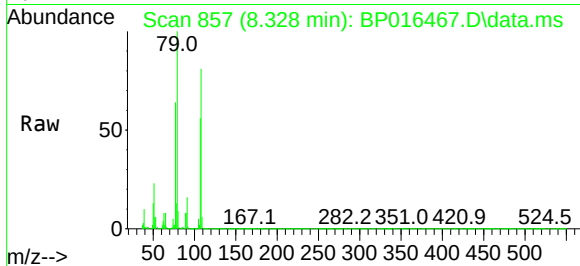




#15  
Benzyl Alcohol  
Concen: 45.957 ng  
RT: 8.328 min Scan# 857  
Delta R.T. -0.012 min  
Lab File: BP016467.D  
Acq: 02 Aug 2023 14:07

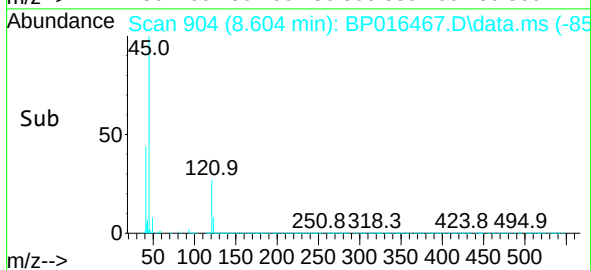
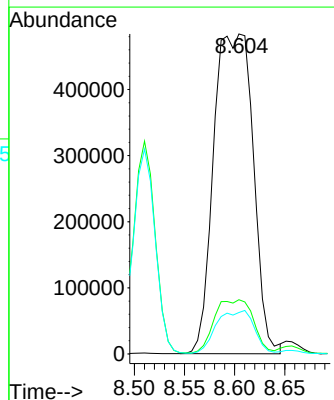
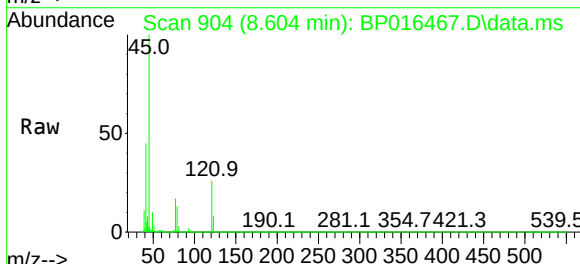
Instrument :  
BNA\_P  
ClientSampleId :  
PB154596BS

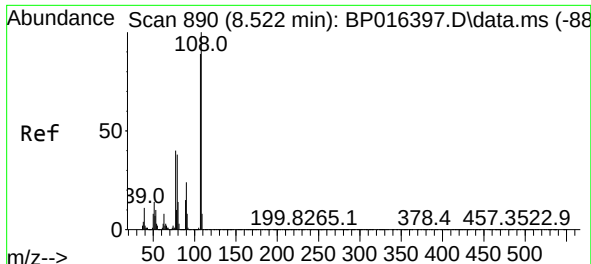
Tgt Ion: 79 Resp: 1094269  
Ion Ratio Lower Upper  
79 100  
108 80.9 65.4 98.2  
77 64.2 51.8 77.8



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 42.475 ng  
RT: 8.604 min Scan# 904  
Delta R.T. -0.024 min  
Lab File: BP016467.D  
Acq: 02 Aug 2023 14:07

Tgt Ion: 45 Resp: 1325301  
Ion Ratio Lower Upper  
45 100  
77 16.9 0.0 37.3  
79 13.0 0.0 33.3

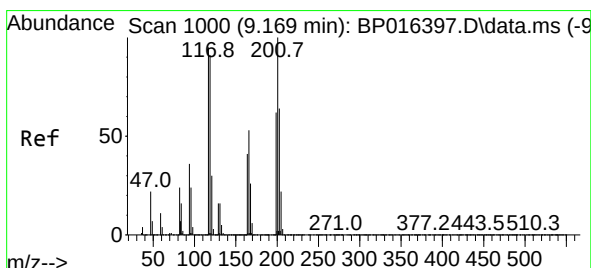
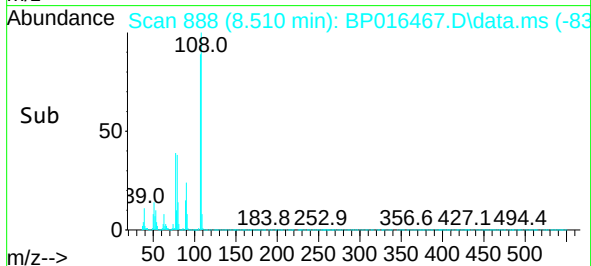
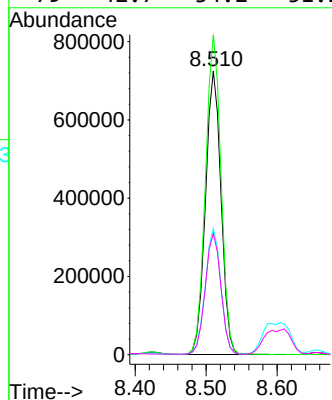
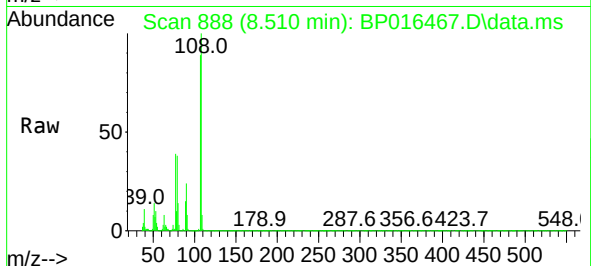




#17  
2-Methylphenol  
Concen: 45.193 ng  
RT: 8.510 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BP016467.D  
Acq: 02 Aug 2023 14:07

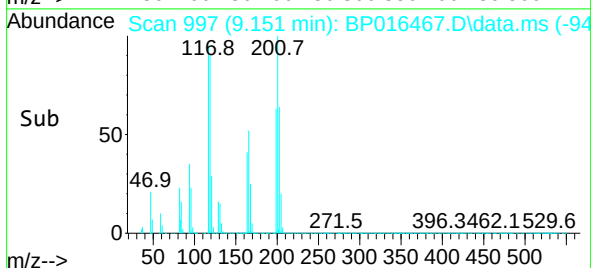
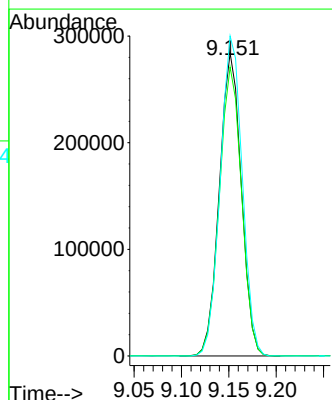
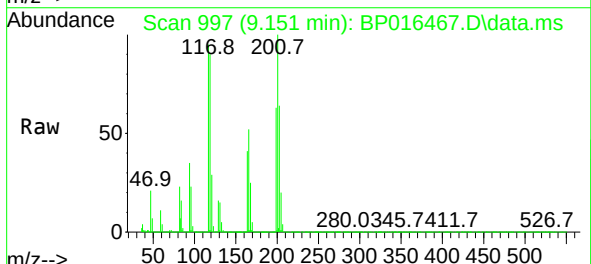
Instrument :  
BNA\_P  
ClientSampleId :  
PB154596BS

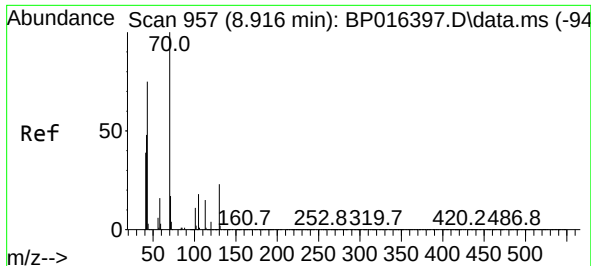
Tgt Ion:107 Resp: 1102373  
Ion Ratio Lower Upper  
107 100  
108 112.8 89.6 134.4  
77 44.4 35.6 53.4  
79 42.7 34.2 51.2



#18  
Hexachloroethane  
Concen: 44.236 ng  
RT: 9.151 min Scan# 997  
Delta R.T. -0.018 min  
Lab File: BP016467.D  
Acq: 02 Aug 2023 14:07

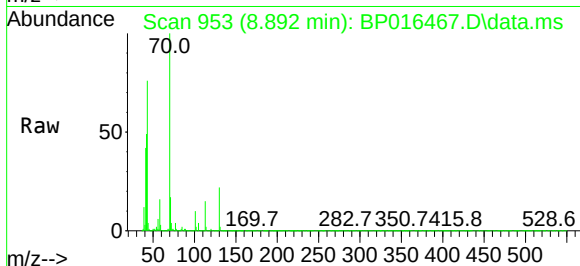
Tgt Ion:117 Resp: 458092  
Ion Ratio Lower Upper  
117 100  
119 95.3 76.9 115.3  
201 107.9 86.2 129.4



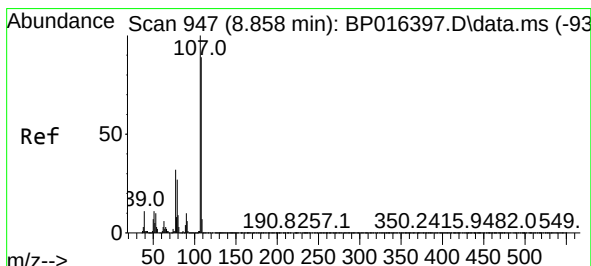
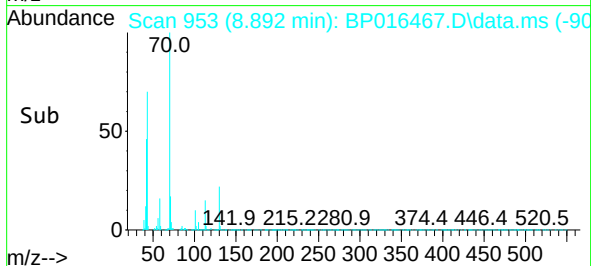
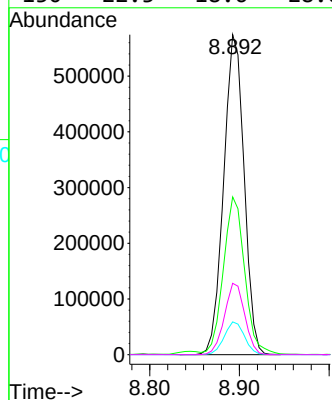


#19  
n-Nitroso-di-n-propylamine  
Concen: 41.608 ng  
RT: 8.892 min Scan# 91  
Delta R.T. -0.024 min  
Lab File: BP016467.D  
Acq: 02 Aug 2023 14:07

Instrument :  
BNA\_P  
ClientSampleId :  
PB154596BS

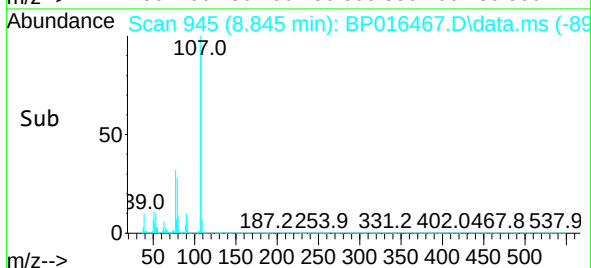
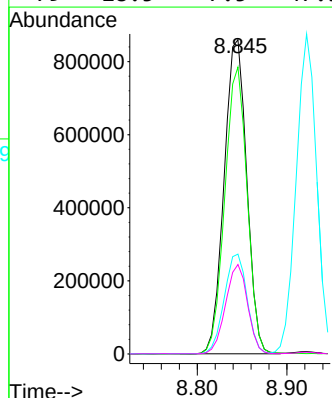
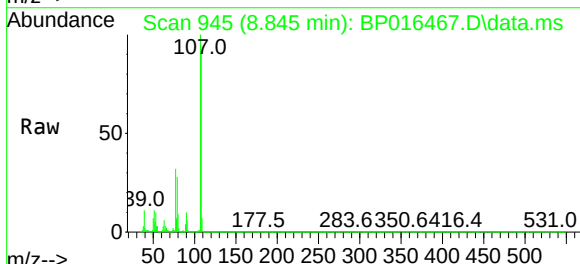


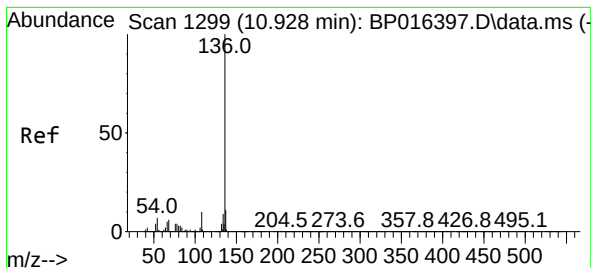
Tgt Ion: 70 Resp: 908478  
Ion Ratio Lower Upper  
70 100  
42 49.3 39.3 58.9  
101 10.2 8.6 12.8  
130 22.3 18.6 28.0



#20  
3+4-Methylphenols  
Concen: 45.428 ng  
RT: 8.845 min Scan# 945  
Delta R.T. -0.012 min  
Lab File: BP016467.D  
Acq: 02 Aug 2023 14:07

Tgt Ion: 107 Resp: 1504936  
Ion Ratio Lower Upper  
107 100  
108 91.3 69.1 109.1  
77 31.8 12.0 52.0  
79 28.5 7.5 47.5

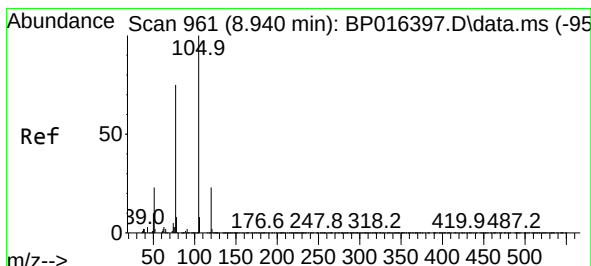
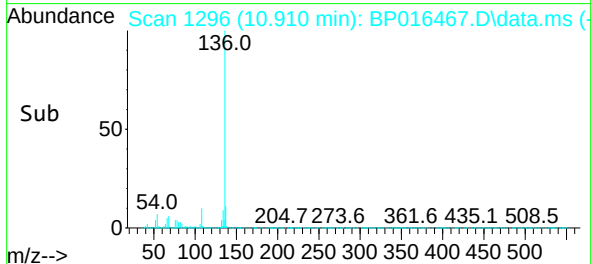
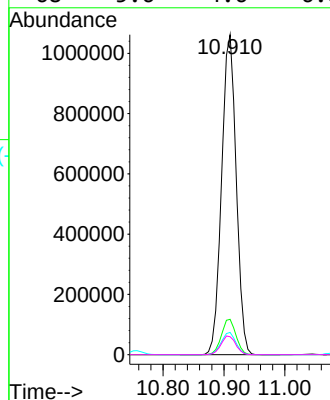
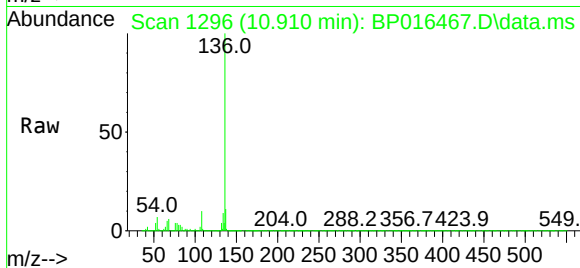




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.910 min Scan# 11  
Delta R.T. -0.018 min  
Lab File: BP016467.D  
Acq: 02 Aug 2023 14:07

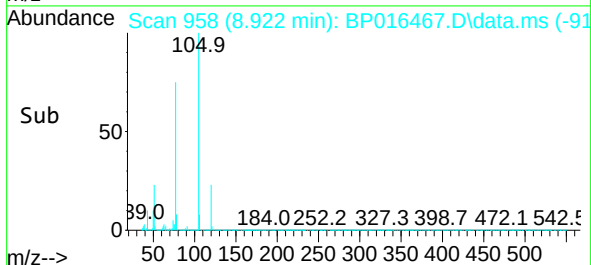
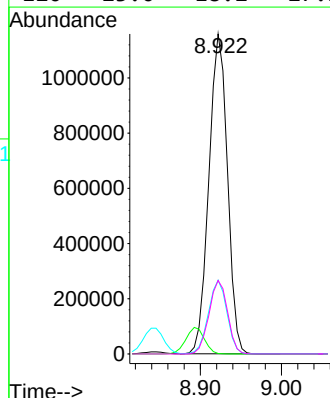
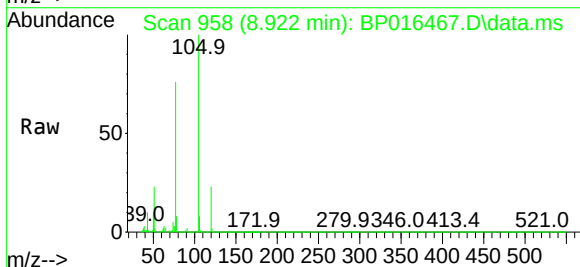
Instrument :  
BNA\_P  
ClientSampleId :  
PB154596BS

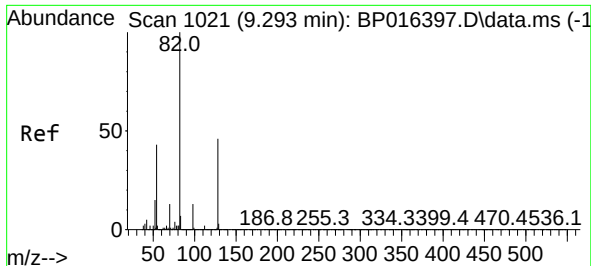
Tgt Ion:136 Resp: 1765095  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.6 13.0  
54 6.9 5.6 8.4  
68 5.6 4.6 6.8



#22  
Acetophenone  
Concen: 41.238 ng  
RT: 8.922 min Scan# 958  
Delta R.T. -0.018 min  
Lab File: BP016467.D  
Acq: 02 Aug 2023 14:07

Tgt Ion:105 Resp: 1837807  
Ion Ratio Lower Upper  
105 100  
71 0.2 0.2 0.2#  
51 23.1 18.3 27.5  
120 23.0 18.2 27.2

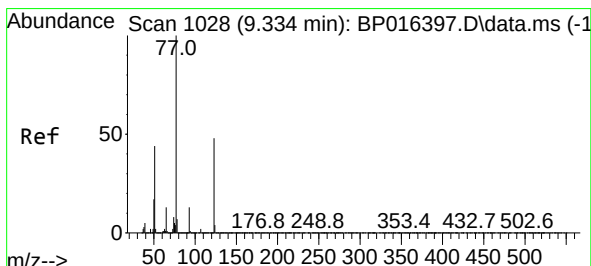
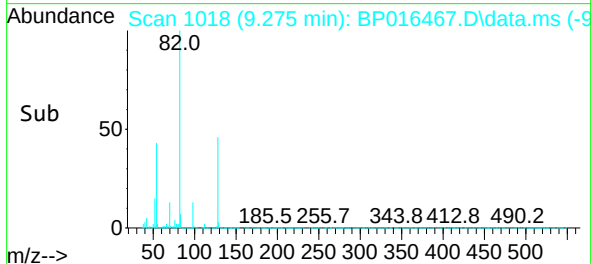
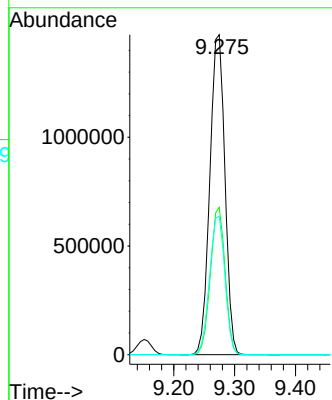
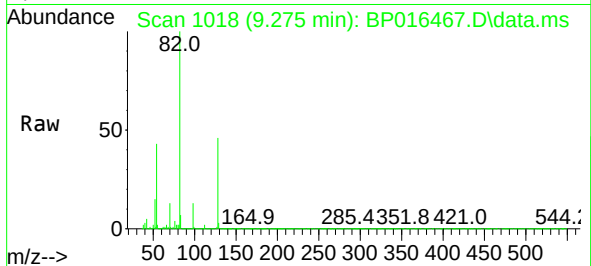




#23  
Nitrobenzene-d5  
Concen: 80.350 ng  
RT: 9.275 min Scan# 1018  
Delta R.T. -0.018 min  
Lab File: BP016467.D  
Acq: 02 Aug 2023 14:07

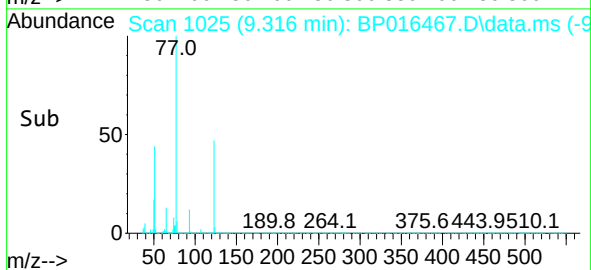
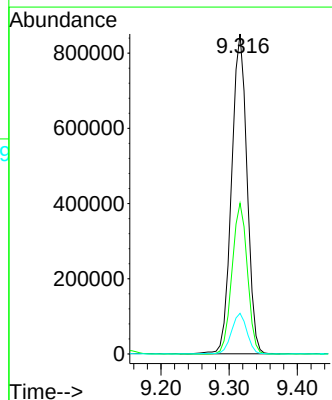
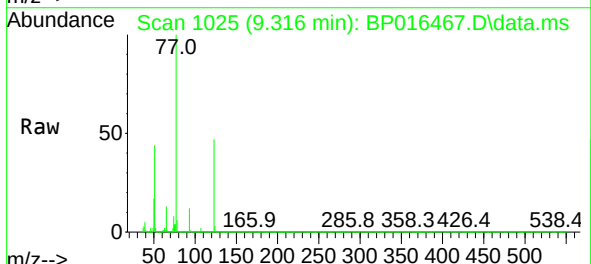
Instrument :  
BNA\_P  
ClientSampleId :  
PB154596BS

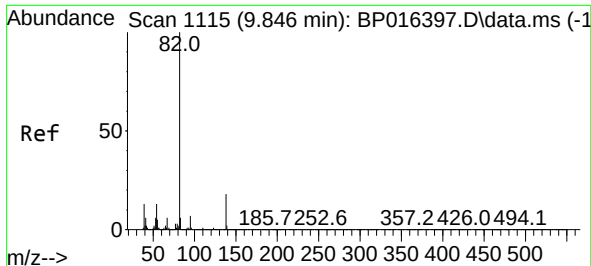
Tgt Ion: 82 Resp: 2533579  
Ion Ratio Lower Upper  
82 100  
128 46.1 36.6 55.0  
54 43.2 34.5 51.7



#24  
Nitrobenzene  
Concen: 41.374 ng  
RT: 9.316 min Scan# 1025  
Delta R.T. -0.018 min  
Lab File: BP016467.D  
Acq: 02 Aug 2023 14:07

Tgt Ion: 77 Resp: 1339945  
Ion Ratio Lower Upper  
77 100  
123 47.1 38.6 58.0  
65 12.7 10.5 15.7

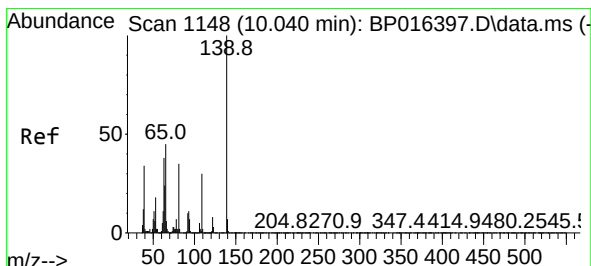
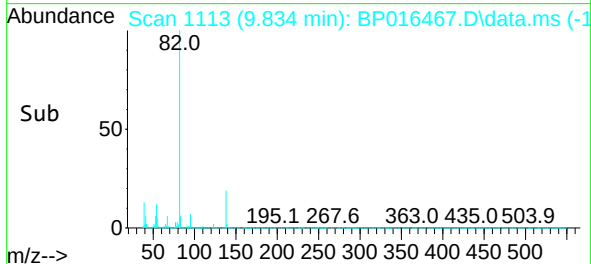
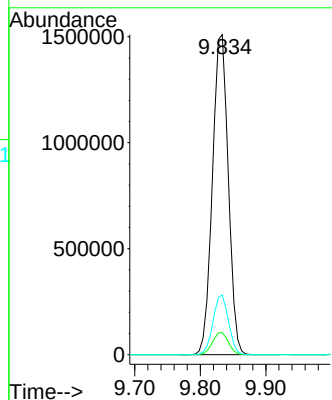
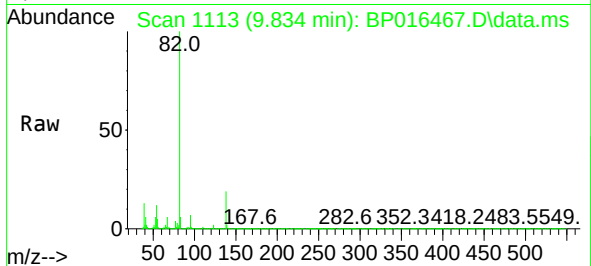




#25  
Isophorone  
Concen: 39.795 ng  
RT: 9.834 min Scan# 1115  
Delta R.T. -0.012 min  
Lab File: BP016467.D  
Acq: 02 Aug 2023 14:07

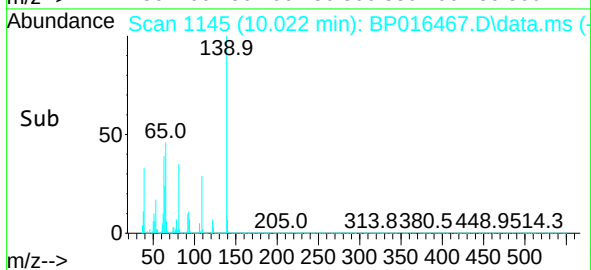
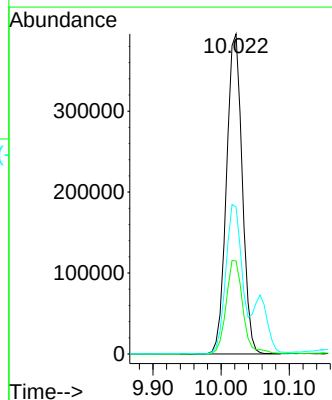
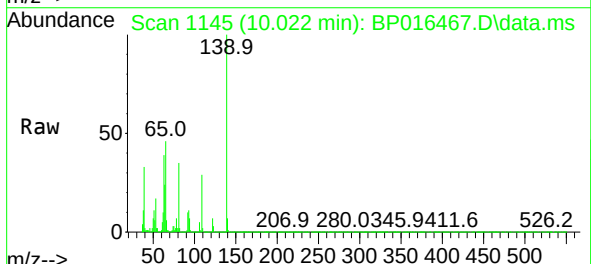
Instrument :  
BNA\_P  
ClientSampleId :  
PB154596BS

Tgt Ion: 82 Resp: 2533367  
Ion Ratio Lower Upper  
82 100  
95 6.9 5.7 8.5  
138 18.7 14.6 22.0

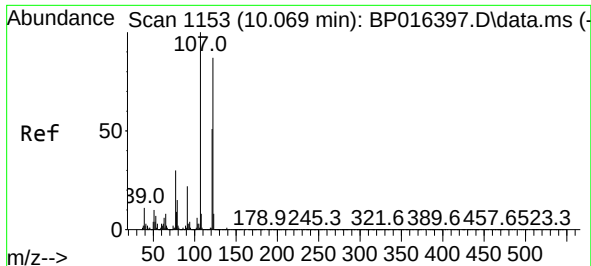


#26  
2-Nitrophenol  
Concen: 45.666 ng  
RT: 10.022 min Scan# 1145  
Delta R.T. -0.018 min  
Lab File: BP016467.D  
Acq: 02 Aug 2023 14:07

Tgt Ion: 139 Resp: 635158  
Ion Ratio Lower Upper  
139 100  
109 29.1 24.2 36.4  
65 46.0 35.8 53.6



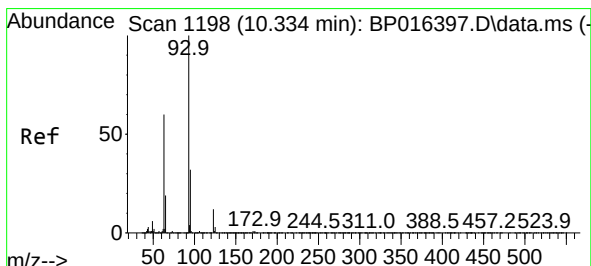
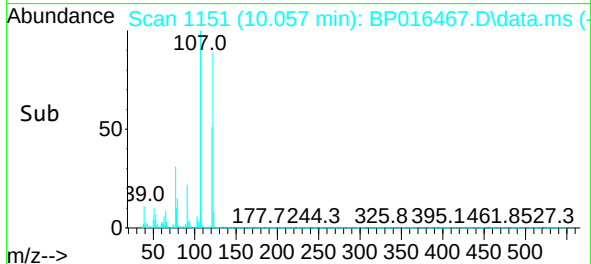
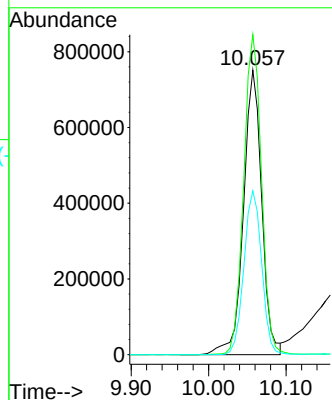
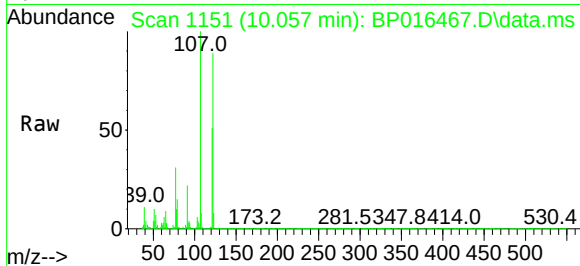




#27  
2,4-Dimethylphenol  
Concen: 43.180 ng  
RT: 10.057 min Scan# 1151  
Delta R.T. -0.012 min  
Lab File: BP016467.D  
Acq: 02 Aug 2023 14:07

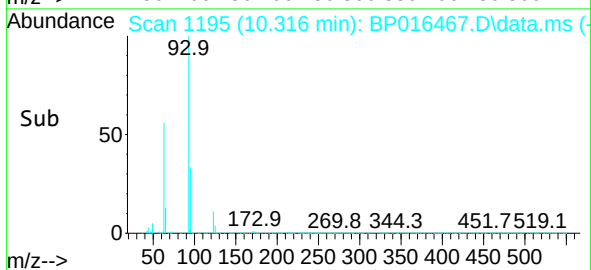
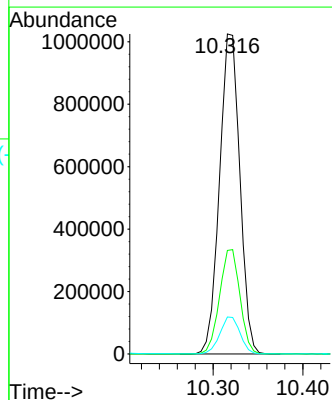
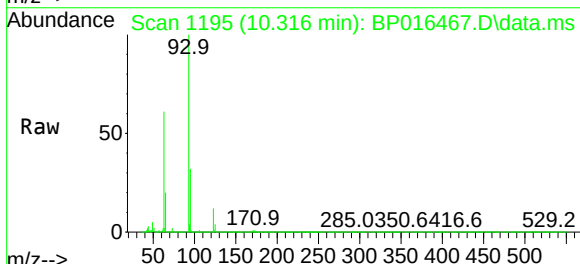
Instrument :  
BNA\_P  
ClientSampleId :  
PB154596BS

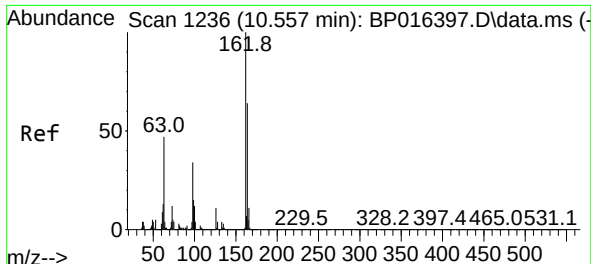
Tgt Ion:122 Resp: 1229768  
Ion Ratio Lower Upper  
122 100  
107 112.5 91.9 137.9  
121 57.6 47.2 70.8



#28  
bis(2-Chloroethoxy)methane  
Concen: 41.319 ng  
RT: 10.316 min Scan# 1195  
Delta R.T. -0.018 min  
Lab File: BP016467.D  
Acq: 02 Aug 2023 14:07

Tgt Ion: 93 Resp: 1611198  
Ion Ratio Lower Upper  
93 100  
95 32.4 25.8 38.8  
123 11.6 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 47.809 ng

RT: 10.539 min Scan# 11

Delta R.T. -0.018 min

Lab File: BP016467.D

Acq: 02 Aug 2023 14:07

Instrument :

BNA\_P

ClientSampleId :

PB154596BS

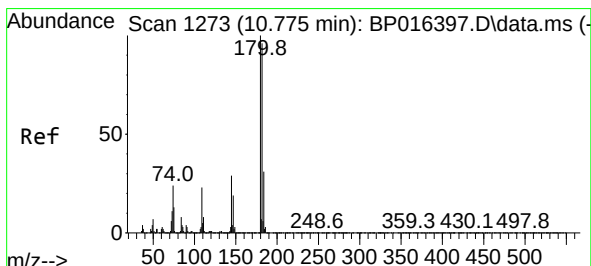
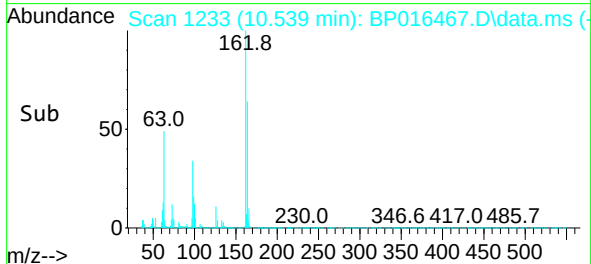
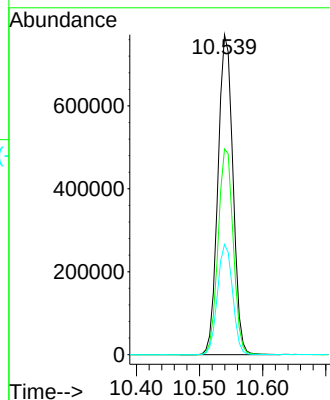
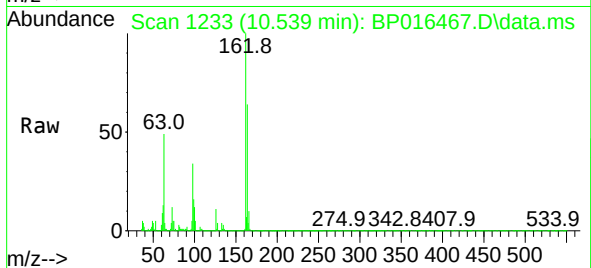
Tgt Ion:162 Resp: 1274279

Ion Ratio Lower Upper

162 100

164 64.3 44.2 84.2

98 34.4 13.7 53.7



#30

1,2,4-Trichlorobenzene

Concen: 42.963 ng

RT: 10.757 min Scan# 1270

Delta R.T. -0.018 min

Lab File: BP016467.D

Acq: 02 Aug 2023 14:07

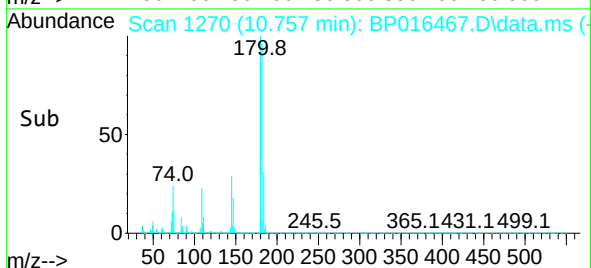
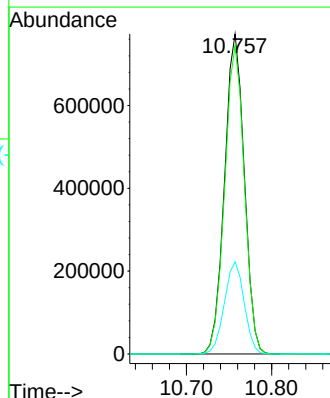
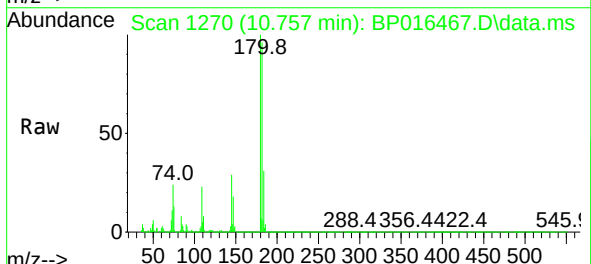
Tgt Ion:180 Resp: 1240314

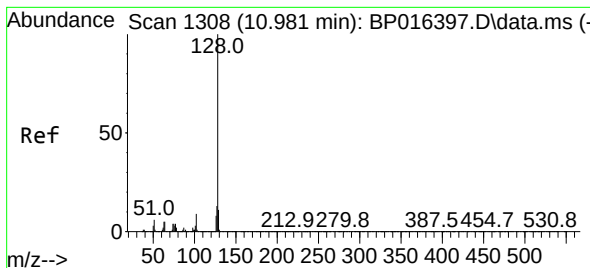
Ion Ratio Lower Upper

180 100

182 96.3 77.1 115.7

145 28.8 22.9 34.3





#31

Naphthalene

Concen: 40.778 ng

RT: 10.963 min Scan# 1105

Delta R.T. -0.018 min

Lab File: BP016467.D

Acq: 02 Aug 2023 14:07

Instrument :

BNA\_P

ClientSampleId :

PB154596BS

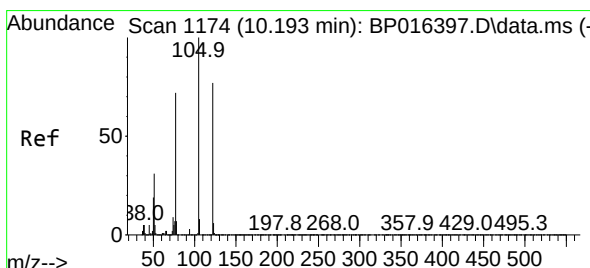
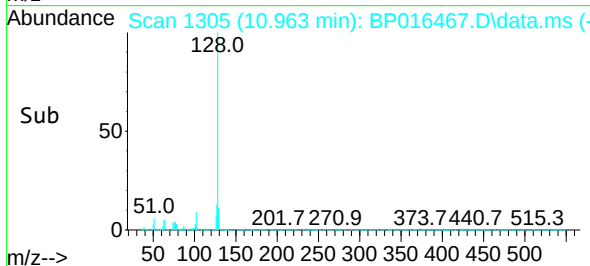
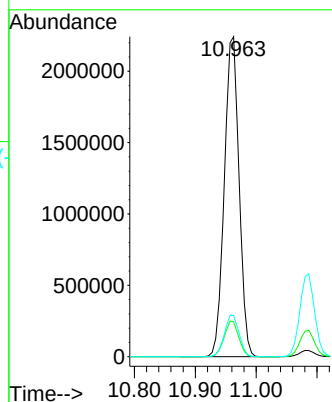
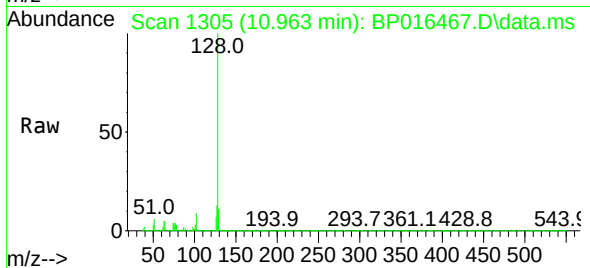
Tgt Ion:128 Resp: 3764920

Ion Ratio Lower Upper

128 100

129 10.9 8.6 12.8

127 12.9 10.4 15.6



#32

Benzoic acid

Concen: 47.074 ng

RT: 10.186 min Scan# 1173

Delta R.T. -0.007 min

Lab File: BP016467.D

Acq: 02 Aug 2023 14:07

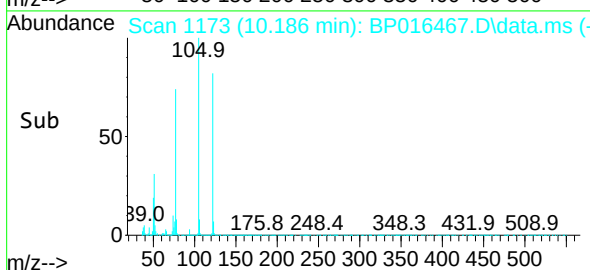
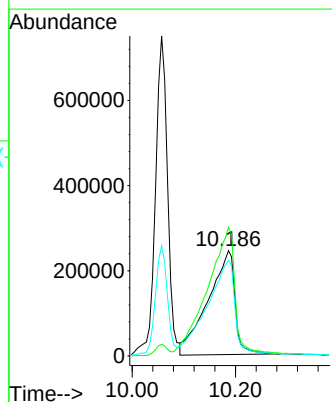
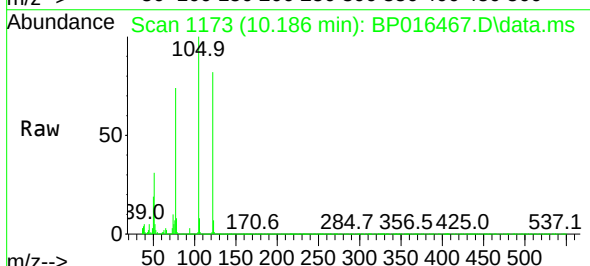
Tgt Ion:122 Resp: 876995

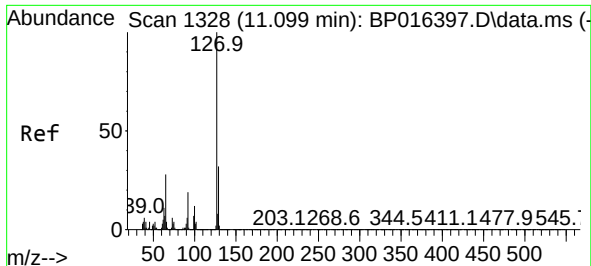
Ion Ratio Lower Upper

122 100

105 122.2 105.2 145.2

77 90.9 72.2 112.2

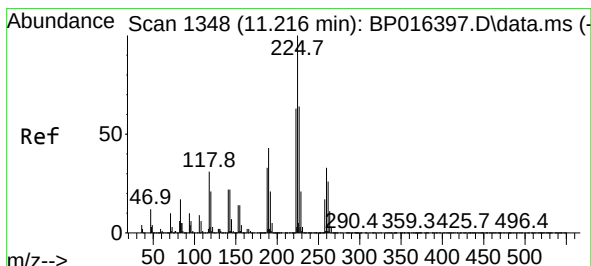
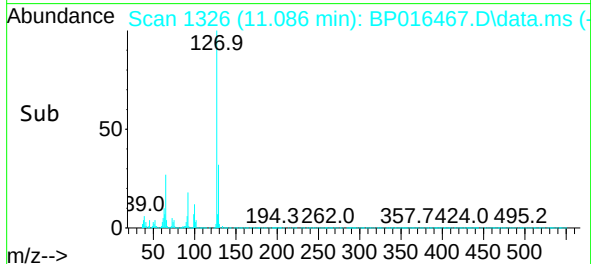
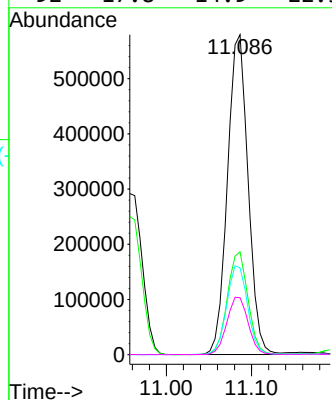
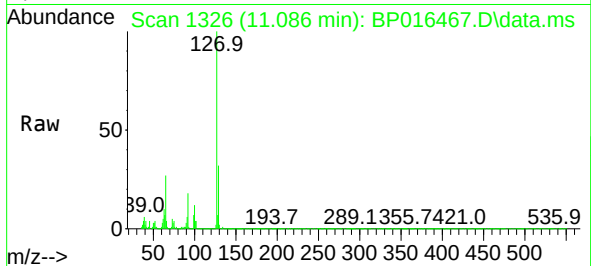




#33  
4-Chloroaniline  
Concen: 23.473 ng  
RT: 11.086 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BP016467.D  
Acq: 02 Aug 2023 14:07

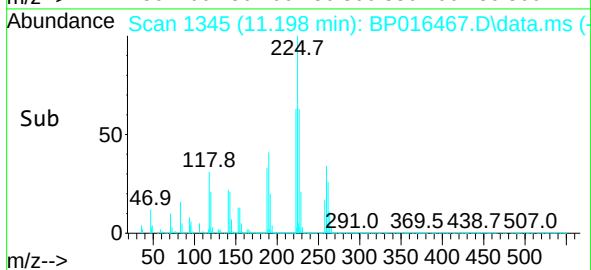
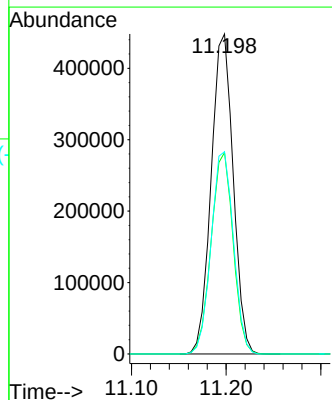
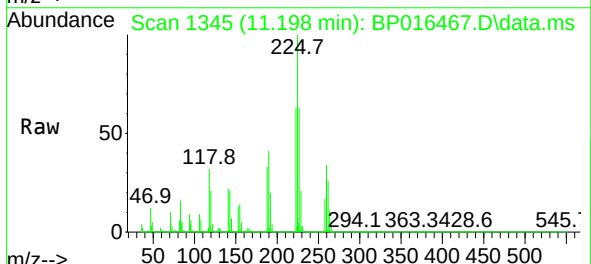
Instrument :  
BNA\_P  
ClientSampleId :  
PB154596BS

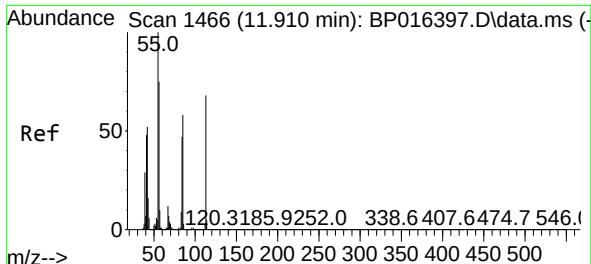
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 977565 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.2  | 25.8  | 38.8   |
| 65       | 27.1  | 22.7  | 34.1   |
| 92       | 17.8  | 14.9  | 22.3   |



#34  
Hexachlorobutadiene  
Concen: 42.228 ng  
RT: 11.198 min Scan# 1345  
Delta R.T. -0.018 min  
Lab File: BP016467.D  
Acq: 02 Aug 2023 14:07

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 721759 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.0  | 50.2  | 75.4   |
| 227      | 63.0  | 51.0  | 76.6   |

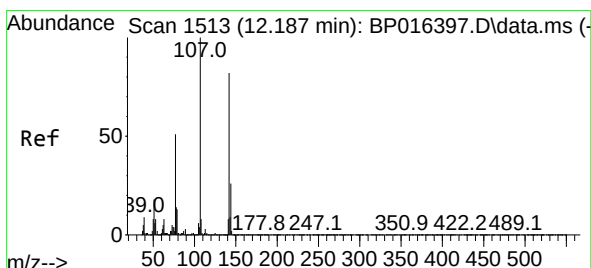
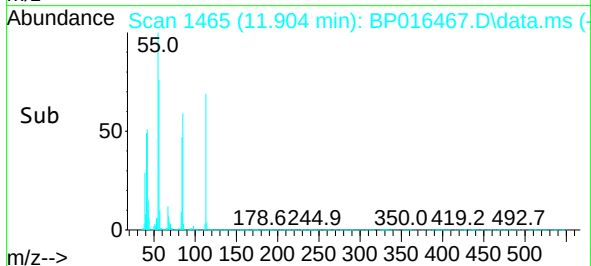
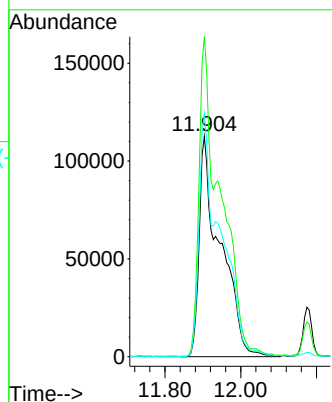
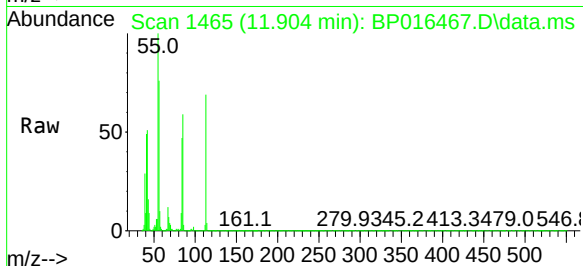




#35  
Caprolactam  
Concen: 44.543 ng  
RT: 11.904 min Scan# 1465  
Delta R.T. -0.006 min  
Lab File: BP016467.D  
Acq: 02 Aug 2023 14:07

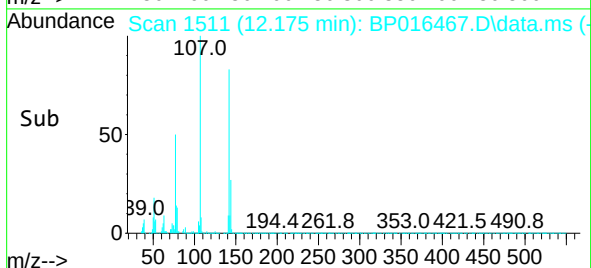
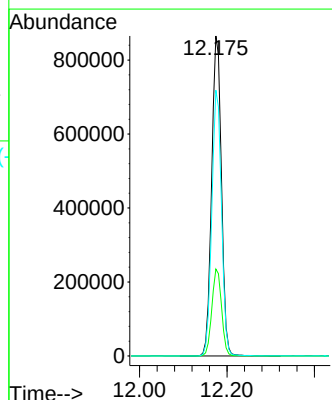
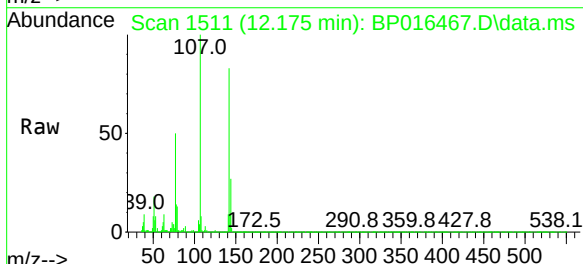
Instrument :  
BNA\_P  
ClientSampleId :  
PB154596BS

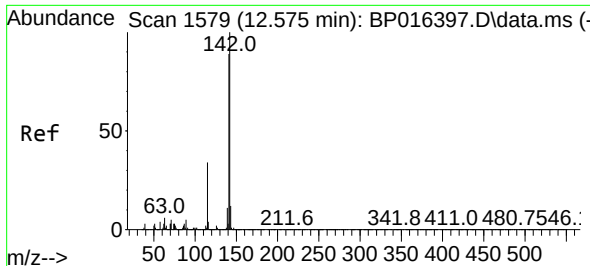
Tgt Ion:113 Resp: 433819  
Ion Ratio Lower Upper  
113 100  
55 145.2 128.0 168.0  
56 110.2 91.3 131.3



#36  
4-Chloro-3-methylphenol  
Concen: 45.487 ng  
RT: 12.175 min Scan# 1511  
Delta R.T. -0.012 min  
Lab File: BP016467.D  
Acq: 02 Aug 2023 14:07

Tgt Ion:107 Resp: 1347661  
Ion Ratio Lower Upper  
107 100  
144 27.2 21.0 31.6  
142 83.0 65.6 98.4

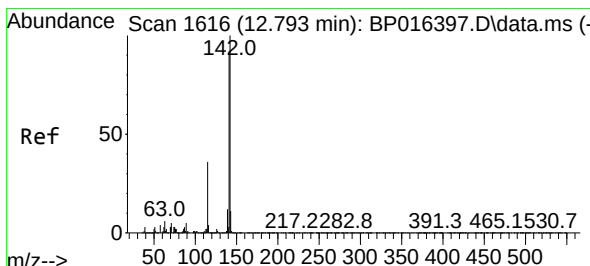
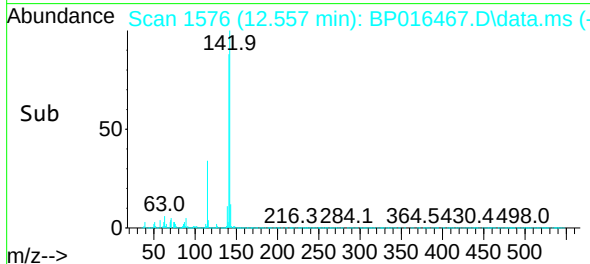
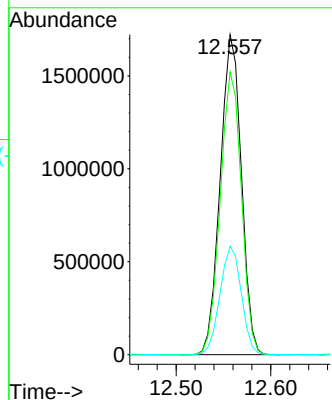
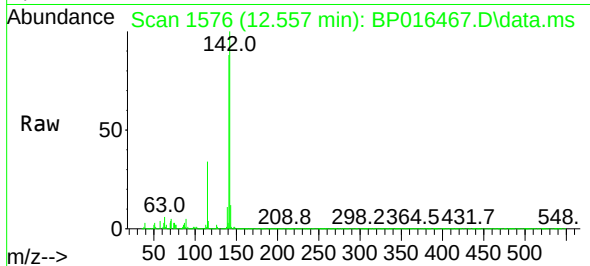




#37  
2-Methylnaphthalene  
Concen: 39.864 ng  
RT: 12.557 min Scan# 11  
Delta R.T. -0.018 min  
Lab File: BP016467.D  
Acq: 02 Aug 2023 14:07

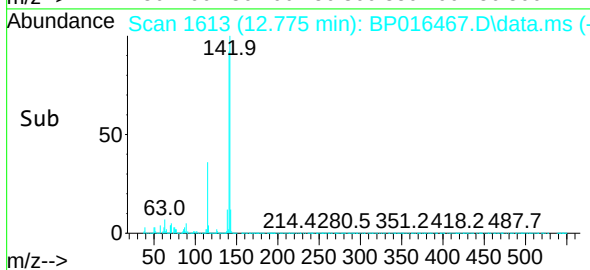
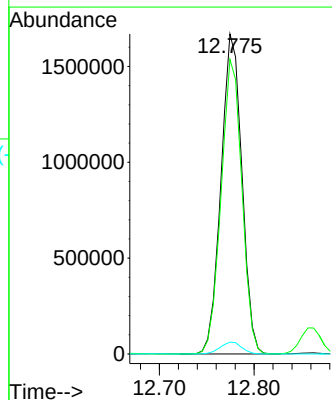
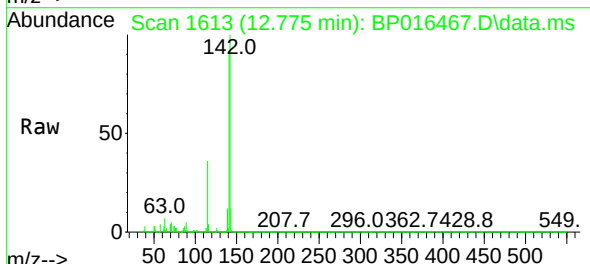
Instrument :  
BNA\_P  
ClientSampleId :  
PB154596BS

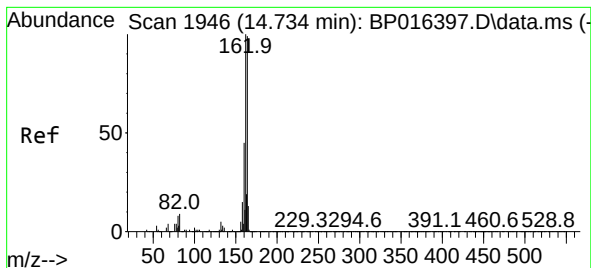
Tgt Ion:142 Resp: 2673791  
Ion Ratio Lower Upper  
142 100  
141 88.3 71.4 107.2  
115 33.9 27.0 40.4



#38  
1-Methylnaphthalene  
Concen: 40.606 ng  
RT: 12.775 min Scan# 1613  
Delta R.T. -0.018 min  
Lab File: BP016467.D  
Acq: 02 Aug 2023 14:07

Tgt Ion:142 Resp: 2553384  
Ion Ratio Lower Upper  
142 100  
141 92.0 73.8 110.6  
116 3.7 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.727 min Scan# 1945

Delta R.T. -0.006 min

Lab File: BP016467.D

Acq: 02 Aug 2023 14:07

Instrument :

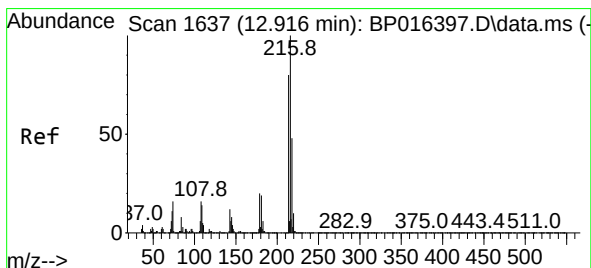
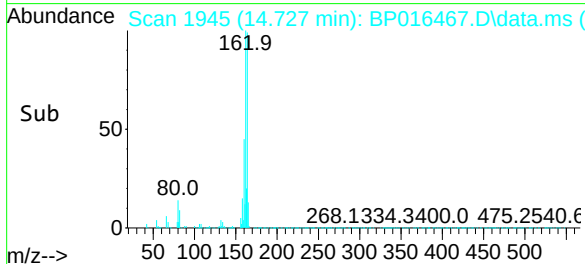
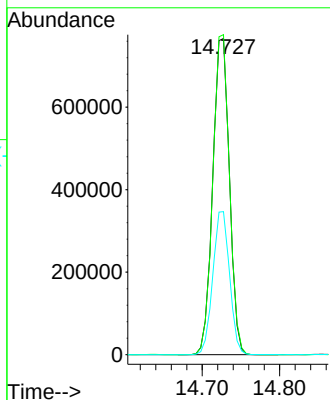
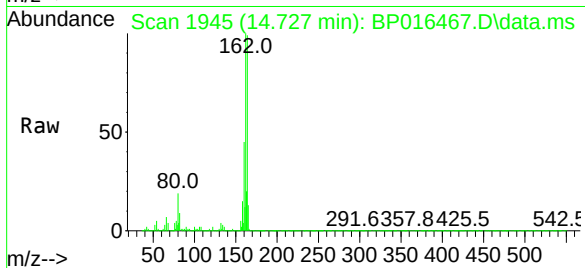
BNA\_P

ClientSampleId :

PB154596BS

Tgt Ion:164 Resp: 1147288

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 101.2 | 81.0  | 121.6 |
| 160 | 45.2  | 36.6  | 55.0  |



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.496 ng

RT: 12.904 min Scan# 1635

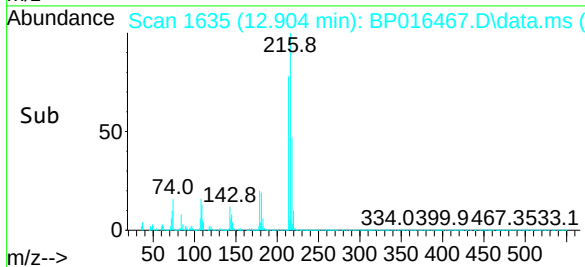
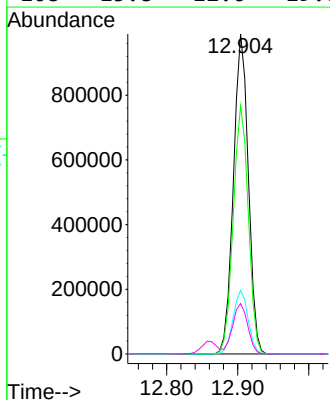
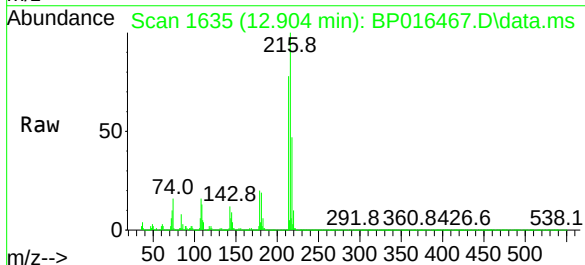
Delta R.T. -0.012 min

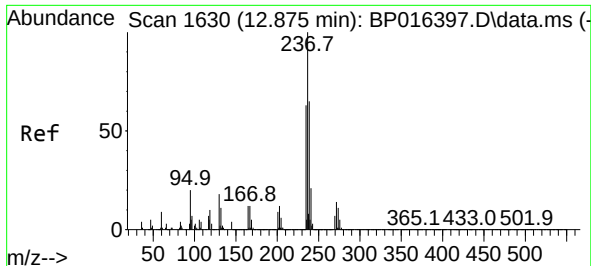
Lab File: BP016467.D

Acq: 02 Aug 2023 14:07

Tgt Ion:216 Resp: 1446762

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 216 | 100   |       |       |
| 214 | 78.3  | 62.8  | 94.2  |
| 179 | 20.0  | 16.0  | 24.0  |
| 108 | 15.8  | 12.6  | 19.0  |

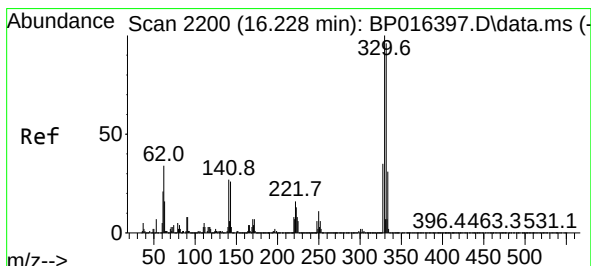
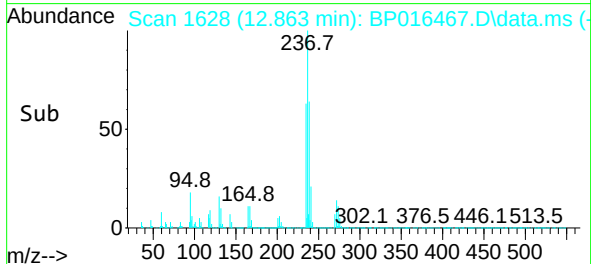
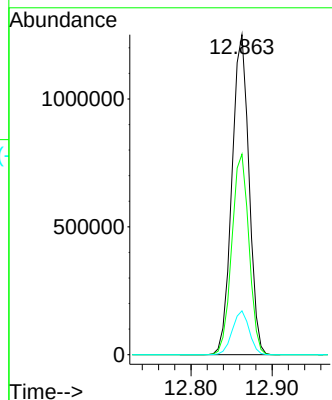
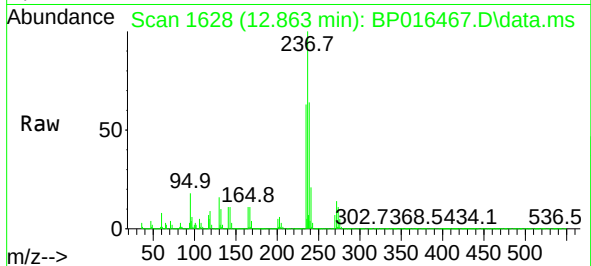




#41  
Hexachlorocyclopentadiene  
Concen: 103.956 ng  
RT: 12.863 min Scan# 1  
Delta R.T. -0.012 min  
Lab File: BP016467.D  
Acq: 02 Aug 2023 14:07

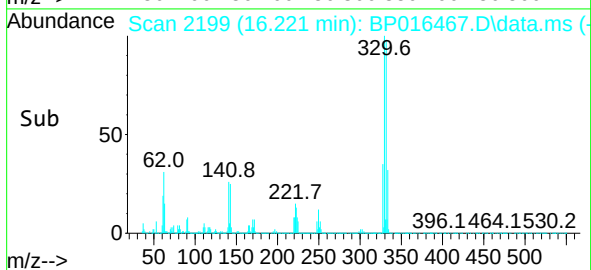
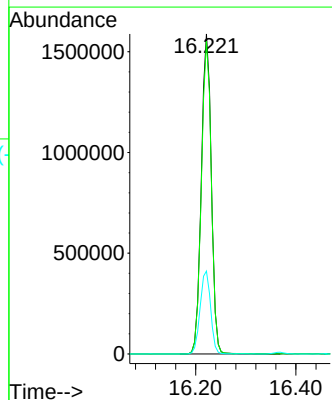
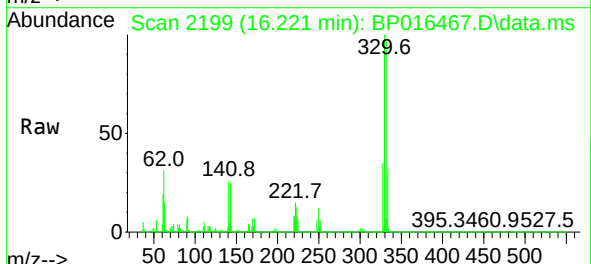
Instrument :  
BNA\_P  
ClientSampleId :  
PB154596BS

Tgt Ion:237 Resp: 1820336  
Ion Ratio Lower Upper  
237 100  
235 62.7 42.7 82.7  
272 13.7 0.0 33.5

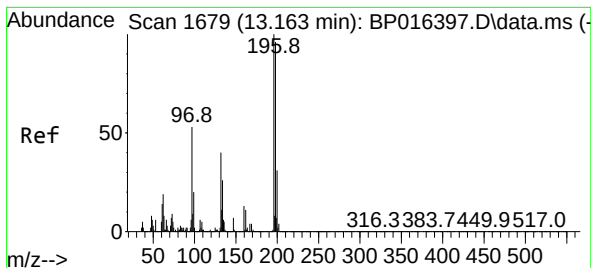


#42  
2,4,6-Tribromophenol  
Concen: 129.806 ng  
RT: 16.221 min Scan# 2199  
Delta R.T. -0.007 min  
Lab File: BP016467.D  
Acq: 02 Aug 2023 14:07

Tgt Ion:330 Resp: 2190901  
Ion Ratio Lower Upper  
330 100  
332 97.1 77.8 116.8  
141 27.2 22.6 34.0







#43

2,4,6-Trichlorophenol

Concen: 46.465 ng

RT: 13.151 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP016467.D

Acq: 02 Aug 2023 14:07

Instrument :

BNA\_P

ClientSampleId :

PB154596BS

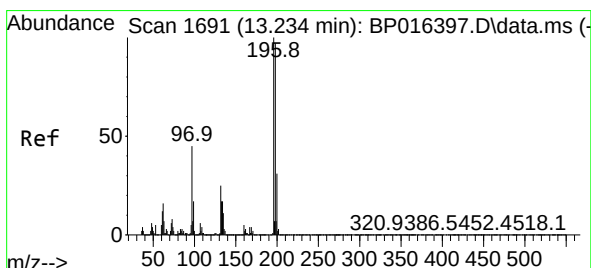
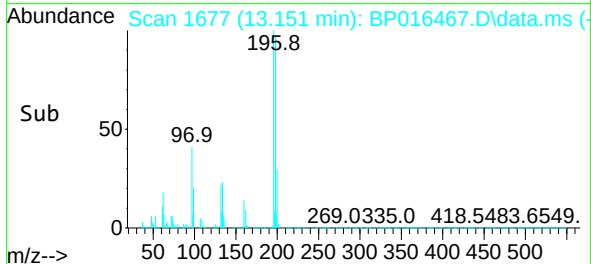
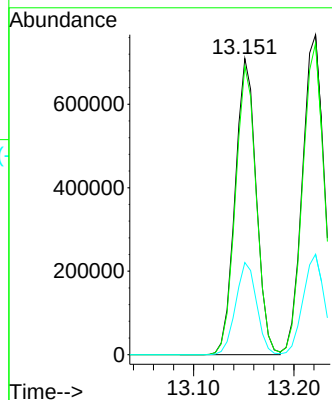
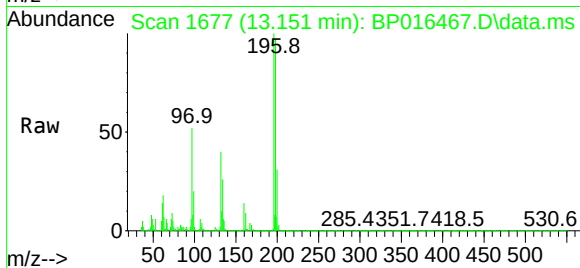
Tgt Ion:196 Resp: 1039466

Ion Ratio Lower Upper

196 100

198 97.4 77.0 115.4

200 31.1 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 42.409 ng

RT: 13.222 min Scan# 1689

Delta R.T. -0.012 min

Lab File: BP016467.D

Acq: 02 Aug 2023 14:07

Tgt Ion:196 Resp: 1151026

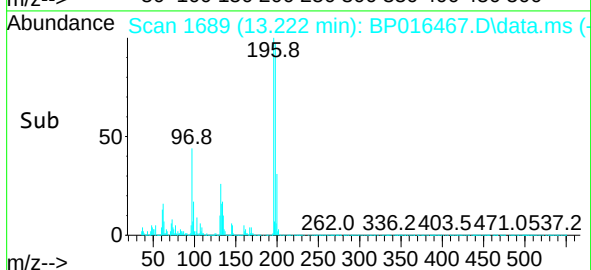
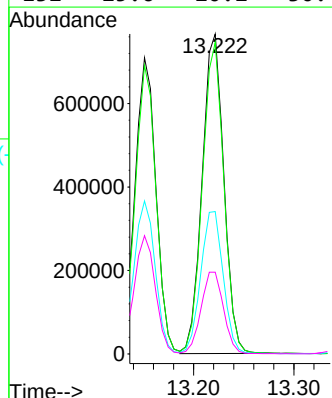
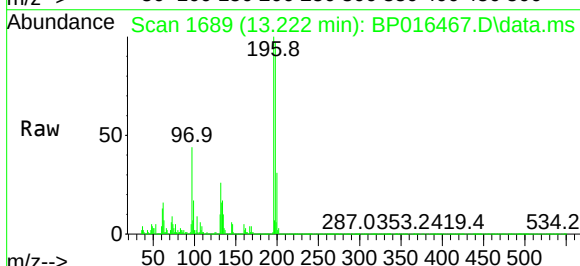
Ion Ratio Lower Upper

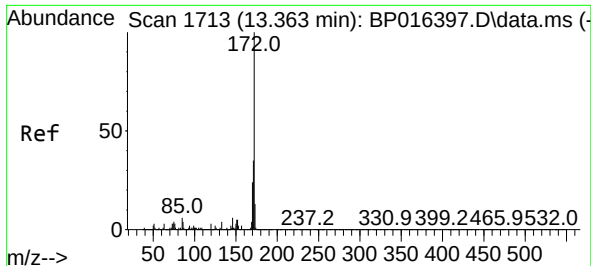
196 100

198 97.3 77.3 115.9

97 44.5 36.2 54.4

132 25.6 20.2 30.4

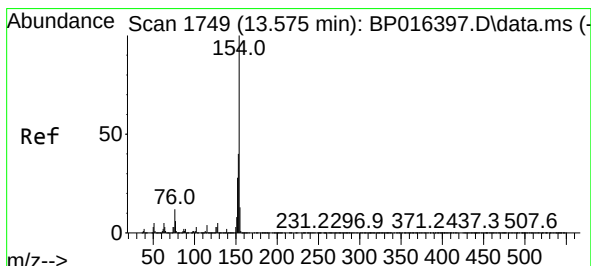
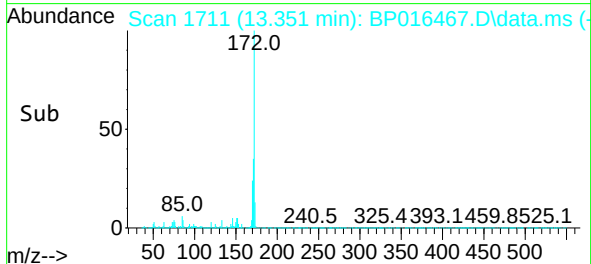
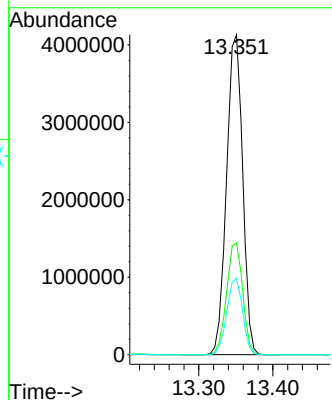
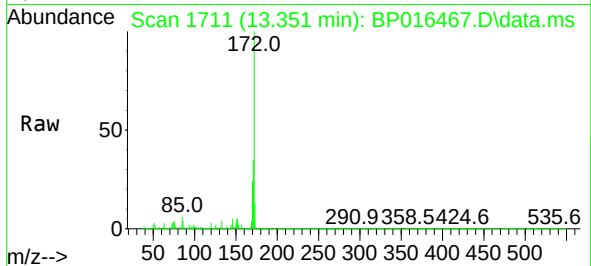




#45  
2-Fluorobiphenyl  
Concen: 77.684 ng  
RT: 13.351 min Scan# 1711  
Delta R.T. -0.012 min  
Lab File: BP016467.D  
Acq: 02 Aug 2023 14:07

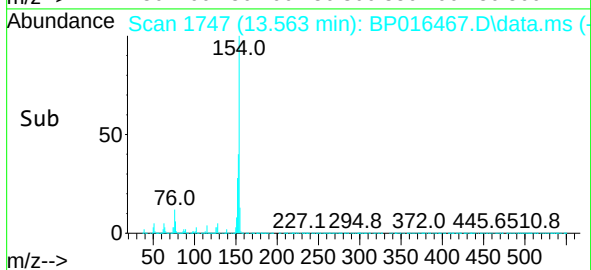
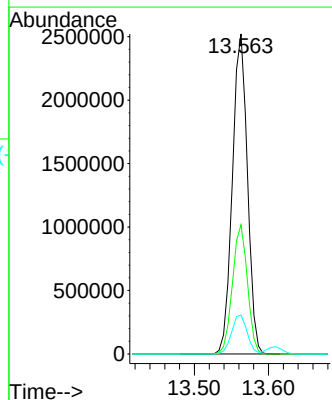
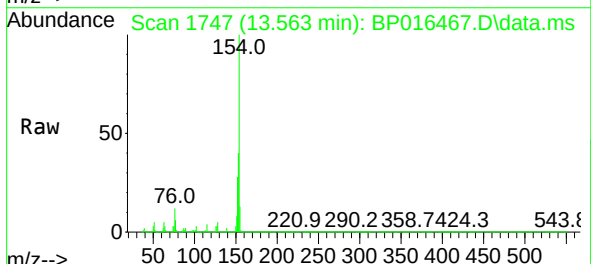
Instrument :  
BNA\_P  
ClientSampleId :  
PB154596BS

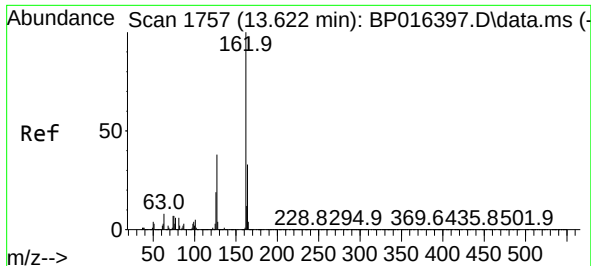
Tgt Ion:172 Resp: 6216631  
Ion Ratio Lower Upper  
172 100  
171 35.0 28.2 42.2  
170 23.9 19.1 28.7



#46  
1,1'-Biphenyl  
Concen: 40.599 ng  
RT: 13.563 min Scan# 1747  
Delta R.T. -0.012 min  
Lab File: BP016467.D  
Acq: 02 Aug 2023 14:07

Tgt Ion:154 Resp: 3550605  
Ion Ratio Lower Upper  
154 100  
153 40.4 20.1 60.1  
76 12.2 0.0 32.5

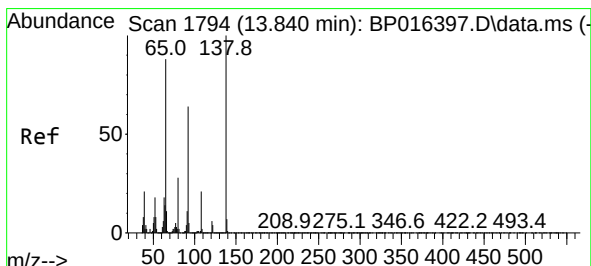
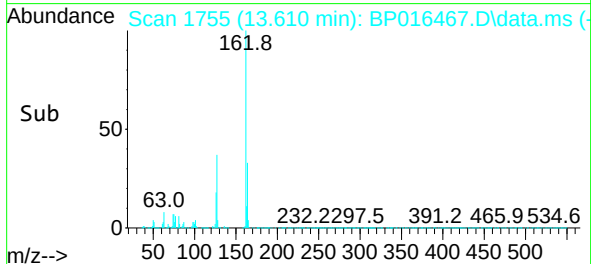
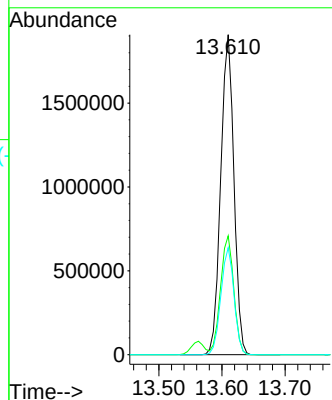
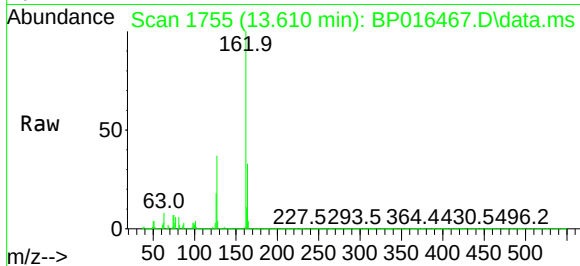




#47  
2-Chloronaphthalene  
Concen: 41.794 ng  
RT: 13.610 min Scan# 1755  
Delta R.T. -0.012 min  
Lab File: BP016467.D  
Acq: 02 Aug 2023 14:07

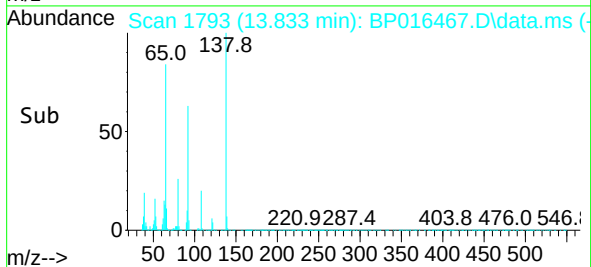
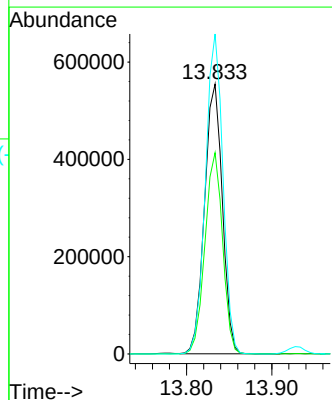
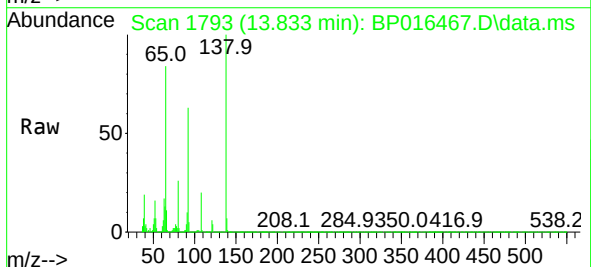
Instrument :  
BNA\_P  
ClientSampleId :  
PB154596BS

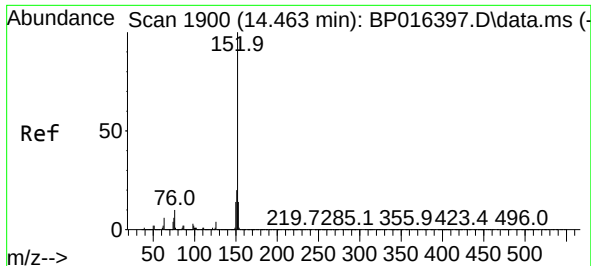
Tgt Ion:162 Resp: 2757586  
Ion Ratio Lower Upper  
162 100  
127 37.2 30.1 45.1  
164 33.4 26.6 39.8



#48  
2-Nitroaniline  
Concen: 43.441 ng  
RT: 13.833 min Scan# 1793  
Delta R.T. -0.006 min  
Lab File: BP016467.D  
Acq: 02 Aug 2023 14:07

Tgt Ion: 65 Resp: 807943  
Ion Ratio Lower Upper  
65 100  
92 74.6 58.2 87.4  
138 118.5 91.3 136.9

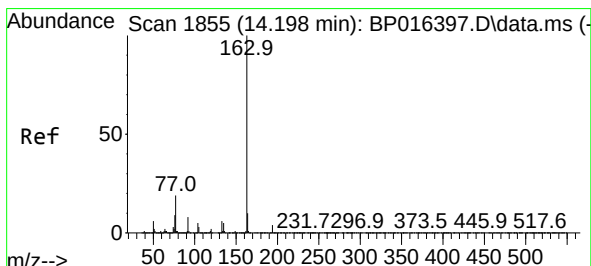
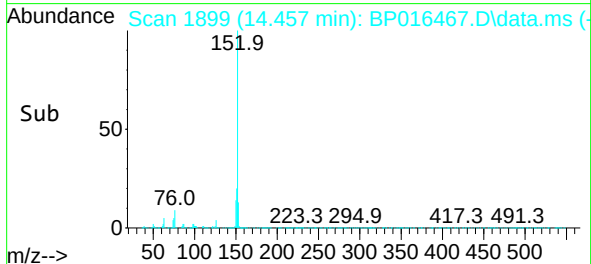
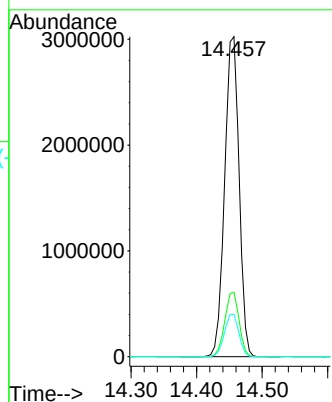
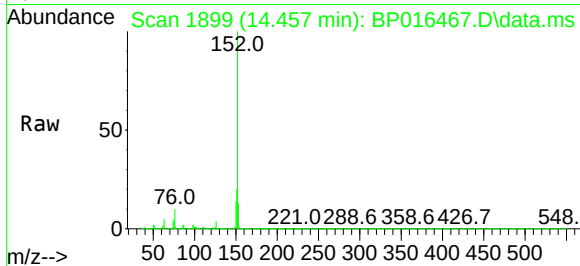




#49  
Acenaphthylene  
Concen: 42.062 ng  
RT: 14.457 min Scan# 1899  
Delta R.T. -0.006 min  
Lab File: BP016467.D  
Acq: 02 Aug 2023 14:07

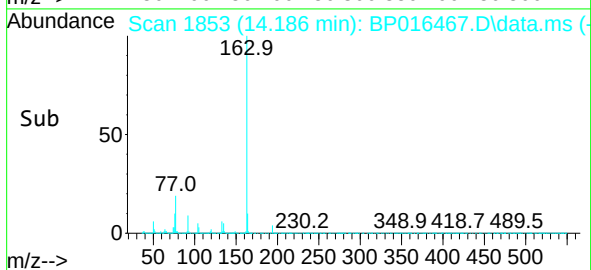
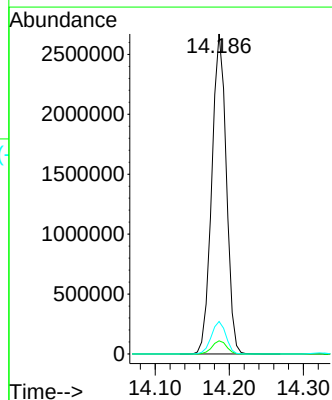
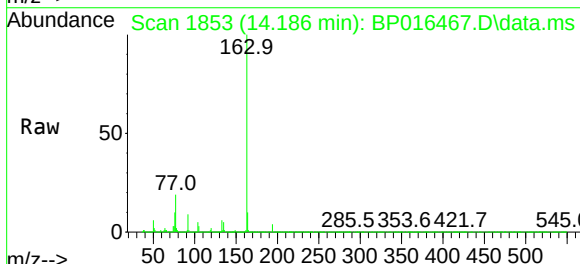
Instrument :  
BNA\_P  
ClientSampleId :  
PB154596BS

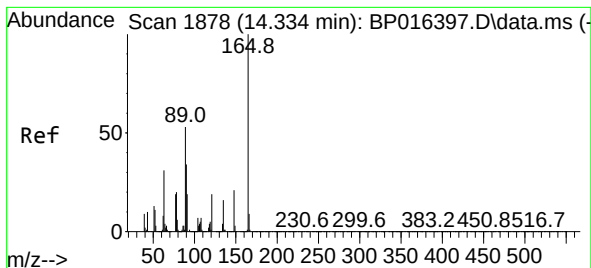
Tgt Ion:152 Resp: 4604739  
Ion Ratio Lower Upper  
152 100  
151 20.1 16.2 24.4  
153 13.2 10.8 16.2



#50  
Dimethylphthalate  
Concen: 40.621 ng  
RT: 14.186 min Scan# 1853  
Delta R.T. -0.012 min  
Lab File: BP016467.D  
Acq: 02 Aug 2023 14:07

Tgt Ion:163 Resp: 3631695  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.4 5.2  
164 10.2 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 43.363 ng

RT: 14.322 min Scan# 1876

Delta R.T. -0.012 min

Lab File: BP016467.D

Acq: 02 Aug 2023 14:07

Instrument :

BNA\_P

ClientSampleId :

PB154596BS

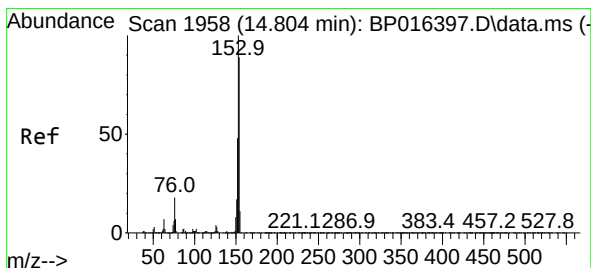
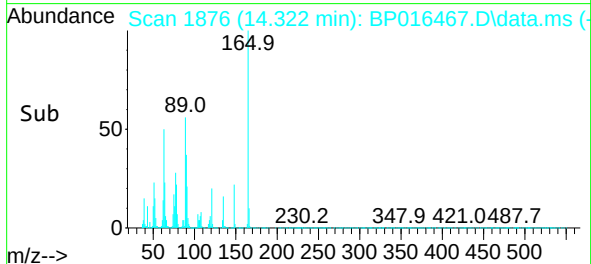
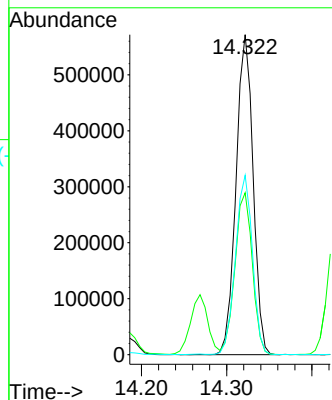
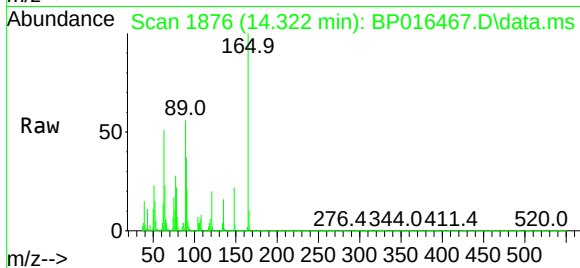
Tgt Ion:165 Resp: 794222

Ion Ratio Lower Upper

165 100

63 50.6 39.1 58.7

89 56.1 42.5 63.7



#52

Acenaphthene

Concen: 40.364 ng

RT: 14.792 min Scan# 1956

Delta R.T. -0.012 min

Lab File: BP016467.D

Acq: 02 Aug 2023 14:07

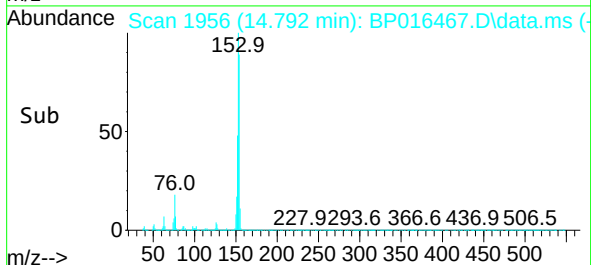
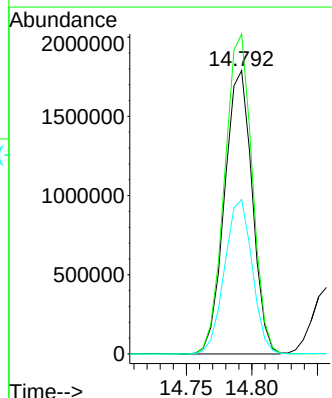
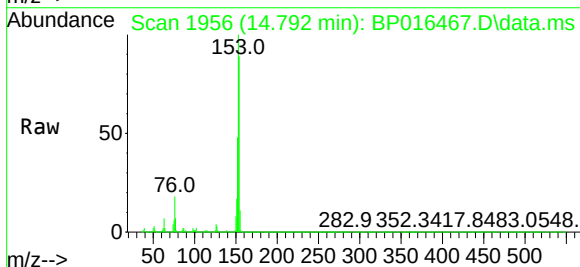
Tgt Ion:154 Resp: 2627660

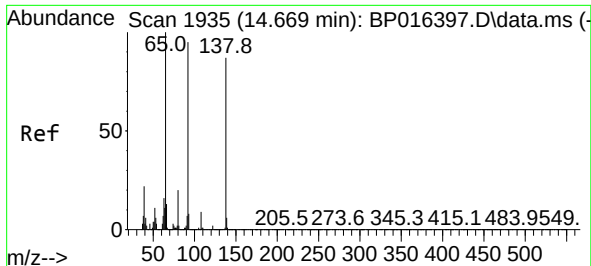
Ion Ratio Lower Upper

154 100

153 112.9 90.4 135.6

152 54.5 43.4 65.0

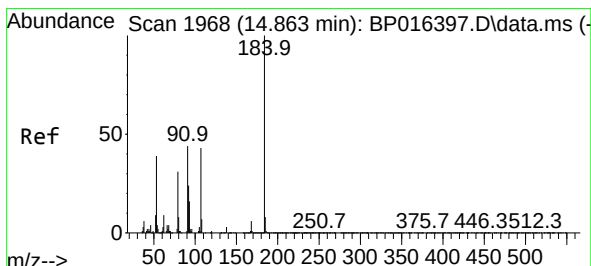
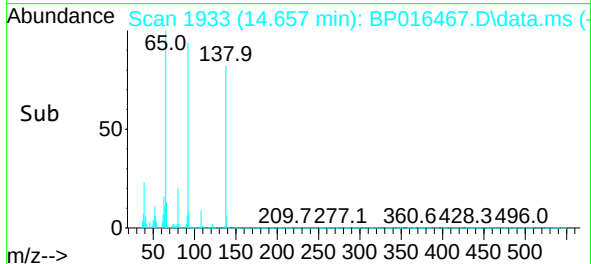
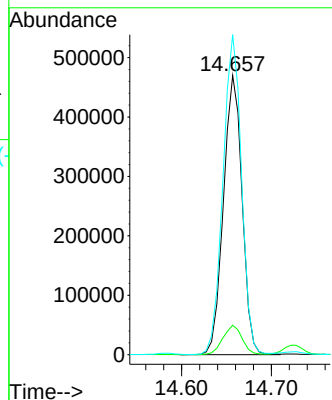
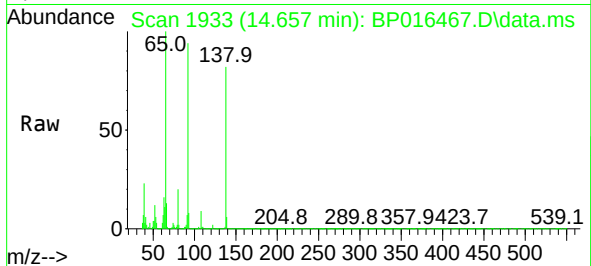




#53  
3-Nitroaniline  
Concen: 32.735 ng  
RT: 14.657 min Scan# 1933  
Delta R.T. -0.012 min  
Lab File: BP016467.D  
Acq: 02 Aug 2023 14:07

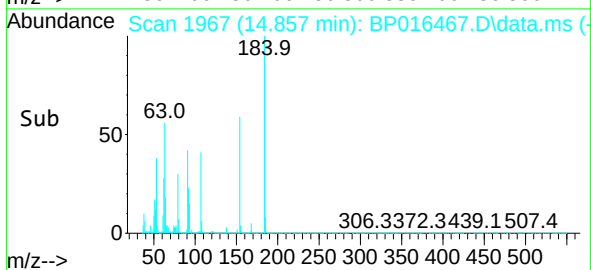
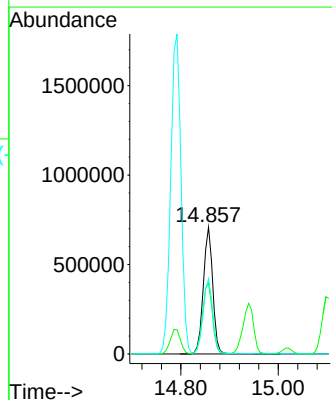
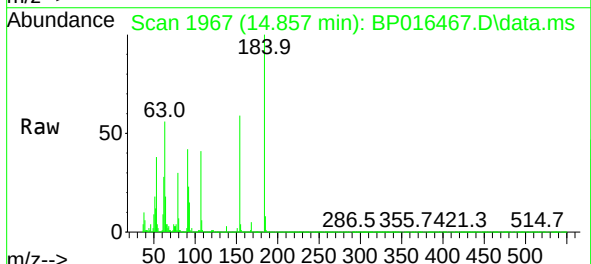
Instrument :  
BNA\_P  
ClientSampleId :  
PB154596BS

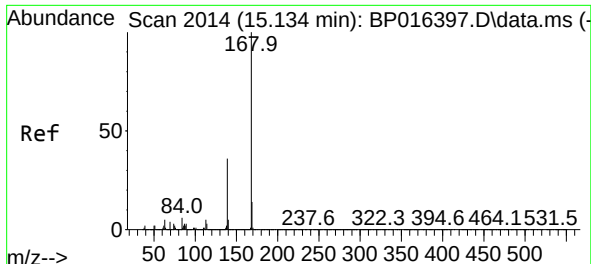
Tgt Ion:138 Resp: 677846  
Ion Ratio Lower Upper  
138 100  
108 10.6 8.7 13.1  
92 114.6 87.6 131.4



#54  
2,4-Dinitrophenol  
Concen: 107.905 ng  
RT: 14.857 min Scan# 1967  
Delta R.T. -0.006 min  
Lab File: BP016467.D  
Acq: 02 Aug 2023 14:07

Tgt Ion:184 Resp: 951141  
Ion Ratio Lower Upper  
184 100  
63 55.8 48.2 72.4  
154 59.3 49.6 74.4

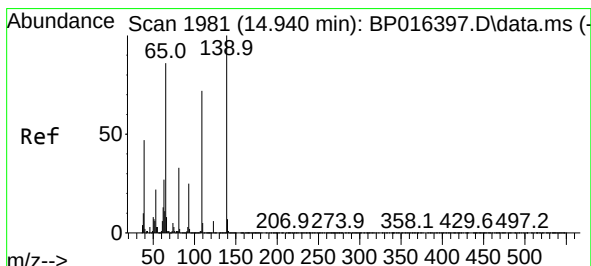
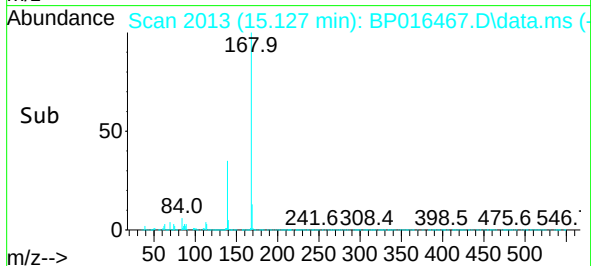
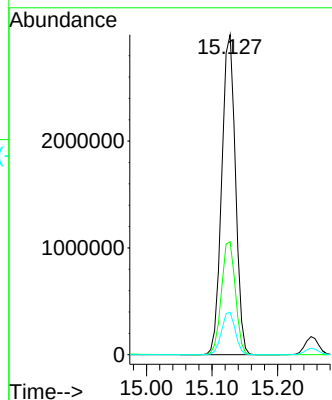
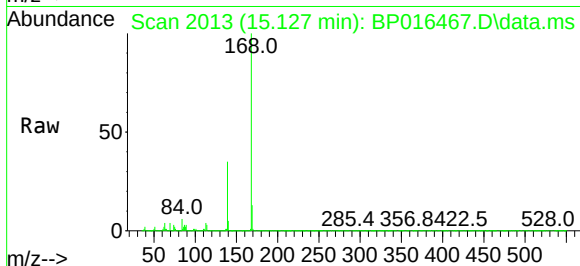




#55  
Dibenzofuran  
Concen: 40.527 ng  
RT: 15.127 min Scan# 2014  
Delta R.T. -0.006 min  
Lab File: BP016467.D  
Acq: 02 Aug 2023 14:07

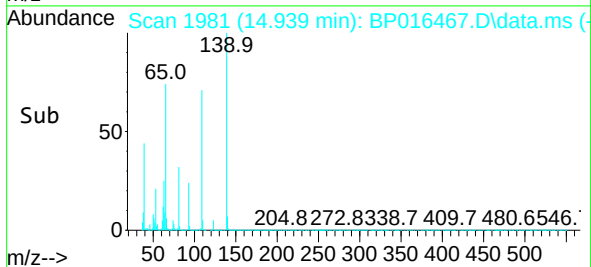
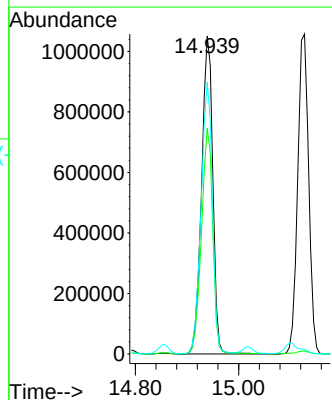
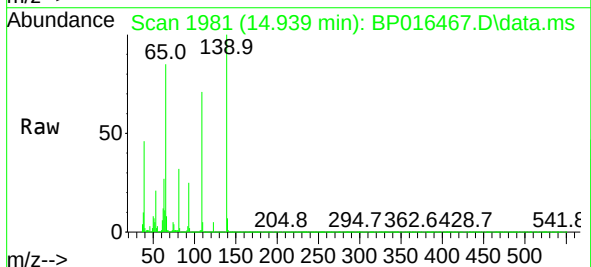
Instrument :  
BNA\_P  
ClientSampleId :  
PB154596BS

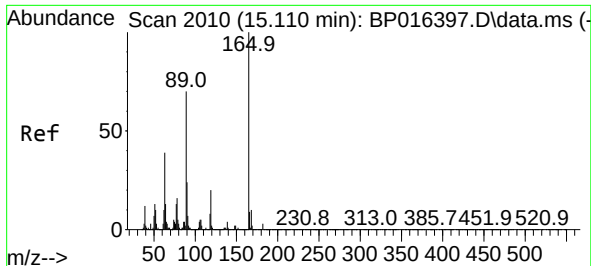
Tgt Ion:168 Resp: 4326946  
Ion Ratio Lower Upper  
168 100  
139 35.3 28.9 43.3  
169 13.2 11.0 16.4



#56  
4-Nitrophenol  
Concen: 97.605 ng  
RT: 14.939 min Scan# 1981  
Delta R.T. -0.000 min  
Lab File: BP016467.D  
Acq: 02 Aug 2023 14:07

Tgt Ion:139 Resp: 1582086  
Ion Ratio Lower Upper  
139 100  
109 71.0 51.9 91.9  
65 85.4 66.2 106.2

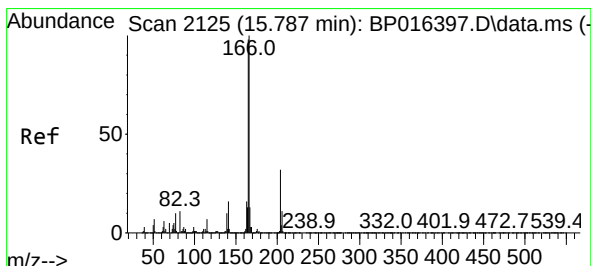
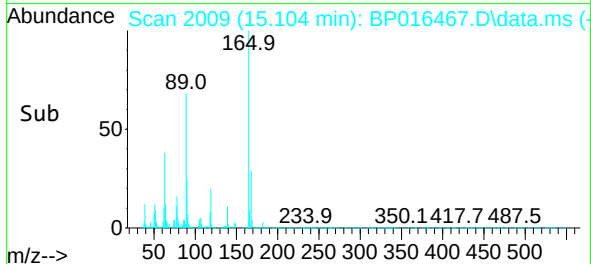
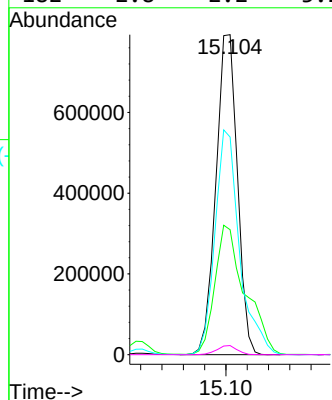
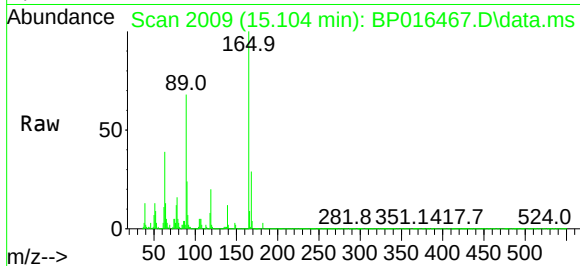




#57  
2,4-Dinitrotoluene  
Concen: 46.485 ng  
RT: 15.104 min Scan# 2010  
Delta R.T. -0.006 min  
Lab File: BP016467.D  
Acq: 02 Aug 2023 14:07

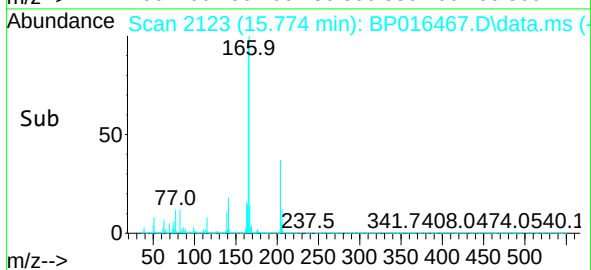
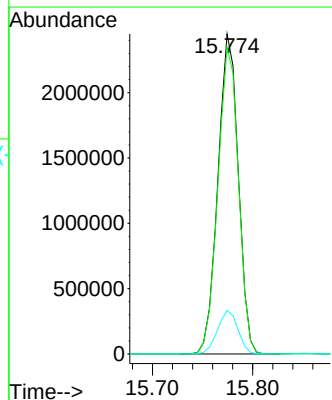
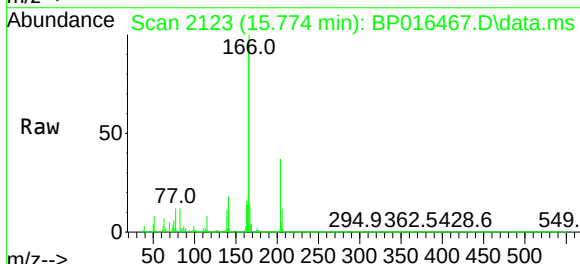
Instrument :  
BNA\_P  
ClientSampleId :  
PB154596BS

Tgt Ion:165 Resp: 1109603  
Ion Ratio Lower Upper  
165 100  
63 39.0 31.4 47.0  
89 68.0 55.8 83.6  
182 2.8 2.2 3.2

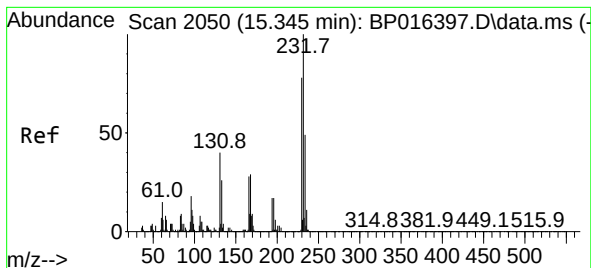


#58  
Fluorene  
Concen: 41.102 ng  
RT: 15.774 min Scan# 2123  
Delta R.T. -0.012 min  
Lab File: BP016467.D  
Acq: 02 Aug 2023 14:07

Tgt Ion:166 Resp: 3447564  
Ion Ratio Lower Upper  
166 100  
165 95.8 78.0 117.0  
167 13.7 10.6 16.0



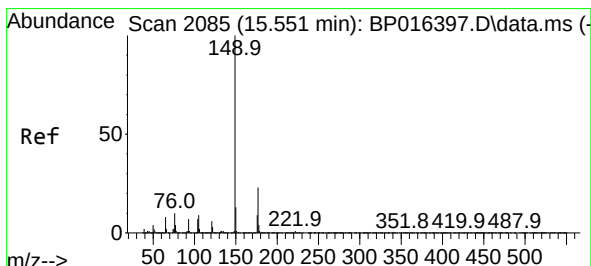
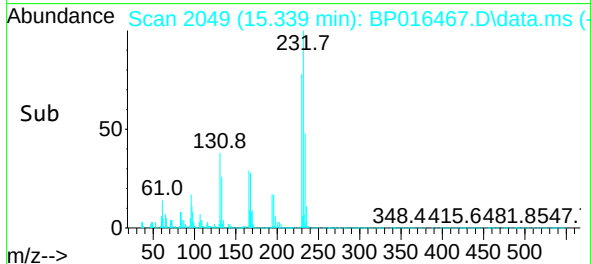
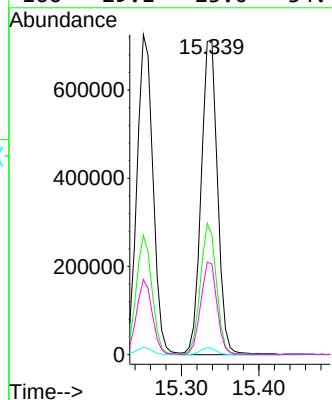
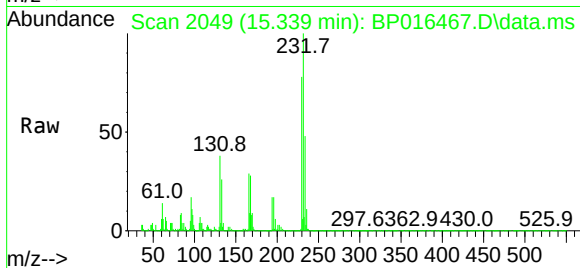




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 46.975 ng  
RT: 15.339 min Scan# 2050  
Delta R.T. -0.006 min  
Lab File: BP016467.D  
Acq: 02 Aug 2023 14:07

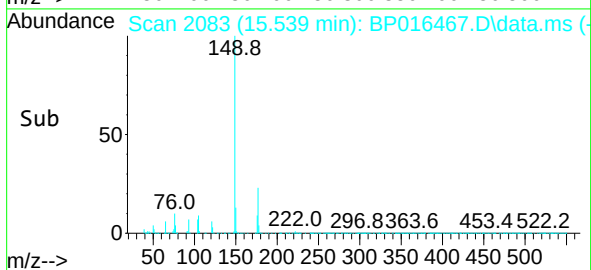
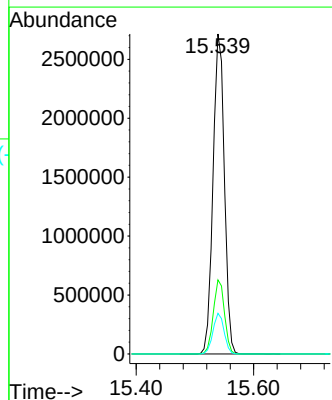
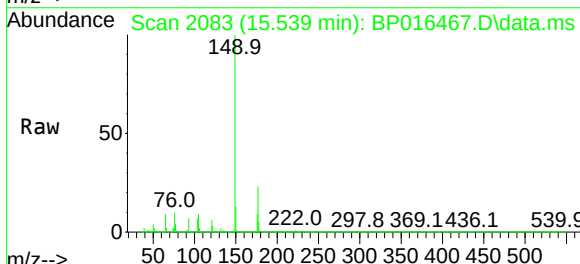
Instrument :  
BNA\_P  
ClientSampleId :  
PB154596BS

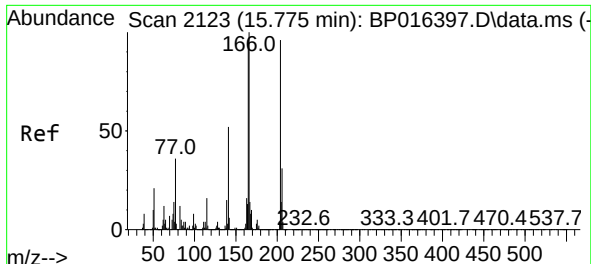
Tgt Ion:232 Resp: 1048793  
Ion Ratio Lower Upper  
232 100  
131 40.7 33.1 49.7  
130 2.2 1.8 2.8  
166 29.1 23.0 34.4



#60  
Diethylphthalate  
Concen: 40.836 ng  
RT: 15.539 min Scan# 2083  
Delta R.T. -0.012 min  
Lab File: BP016467.D  
Acq: 02 Aug 2023 14:07

Tgt Ion:149 Resp: 3628167  
Ion Ratio Lower Upper  
149 100  
177 23.1 18.6 27.8  
150 12.7 10.1 15.1

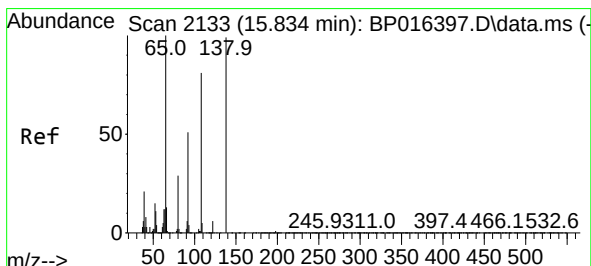
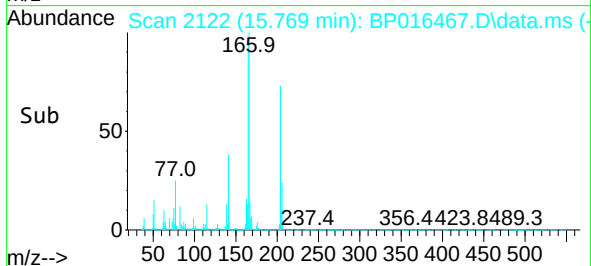
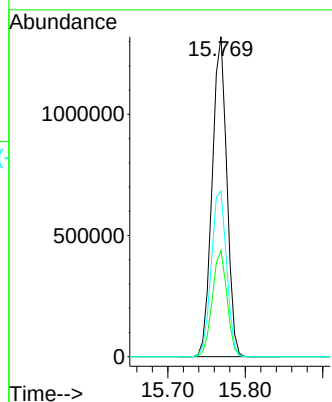
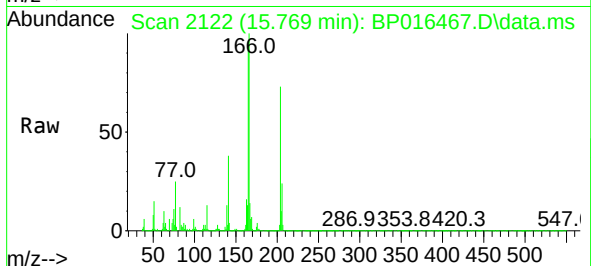




#61  
4-Chlorophenyl-phenylether  
Concen: 41.079 ng  
RT: 15.769 min Scan# 2122  
Delta R.T. -0.006 min  
Lab File: BP016467.D  
Acq: 02 Aug 2023 14:07

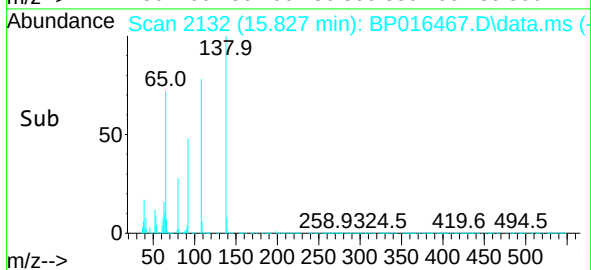
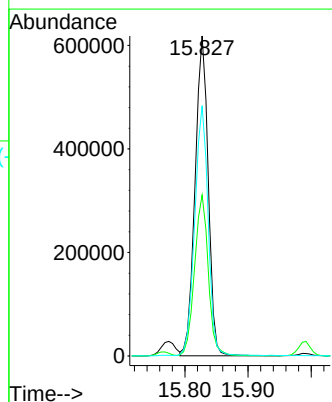
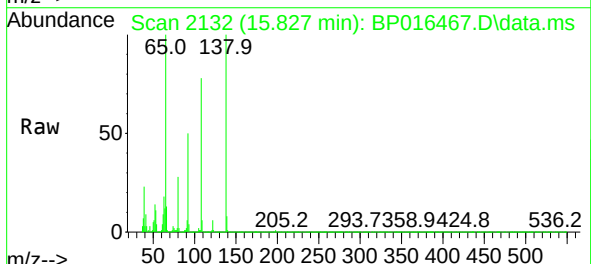
Instrument :  
BNA\_P  
ClientSampleId :  
PB154596BS

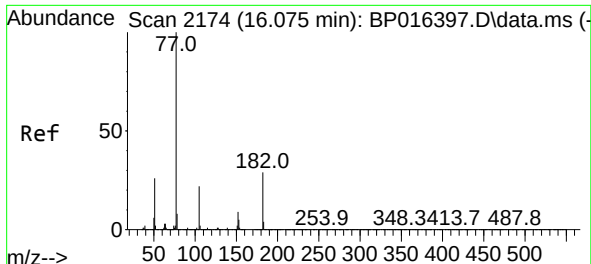
Tgt Ion:204 Resp: 1738762  
Ion Ratio Lower Upper  
204 100  
206 33.2 26.2 39.4  
141 51.8 43.4 65.0



#62  
4-Nitroaniline  
Concen: 43.519 ng  
RT: 15.827 min Scan# 2132  
Delta R.T. -0.006 min  
Lab File: BP016467.D  
Acq: 02 Aug 2023 14:07

Tgt Ion:138 Resp: 894308  
Ion Ratio Lower Upper  
138 100  
92 50.3 30.3 70.3  
108 78.2 60.1 100.1



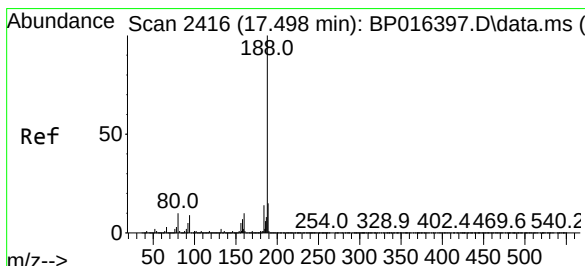
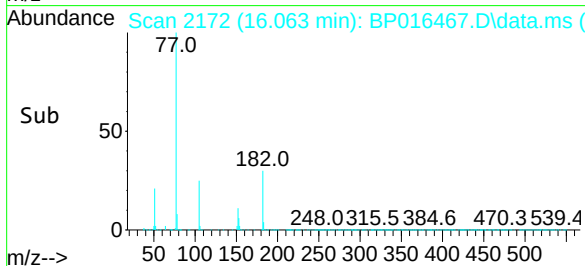
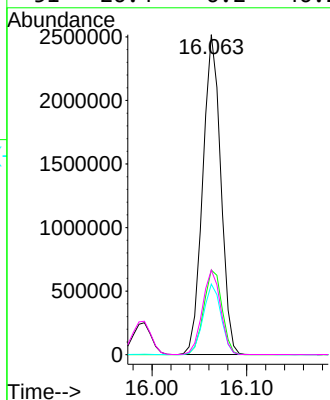
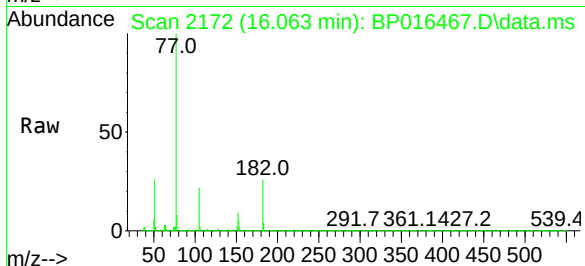


#63  
Azobenzene  
Concen: 39.503 ng  
RT: 16.063 min Scan# 2172  
Delta R.T. -0.012 min  
Lab File: BP016467.D  
Acq: 02 Aug 2023 14:07

Instrument :  
BNA\_P  
ClientSampleId :  
PB154596BS

Tgt Ion: 77 Resp: 3314013

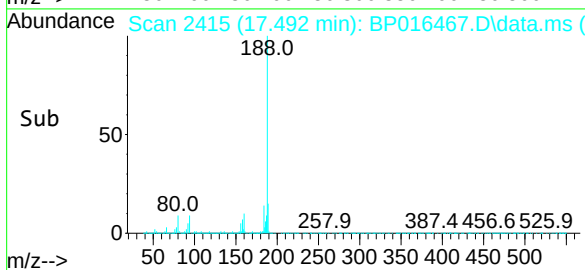
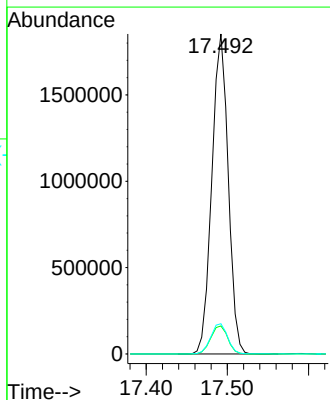
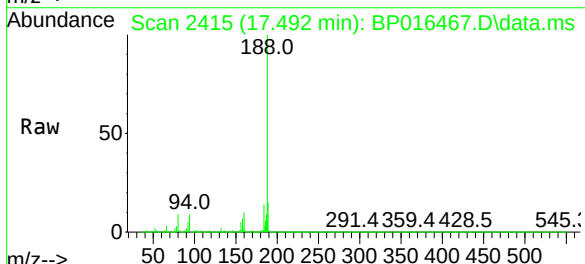
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 26.5  | 8.6   | 48.6  |
| 105 | 22.1  | 2.4   | 42.4  |
| 51  | 26.4  | 6.2   | 46.2  |

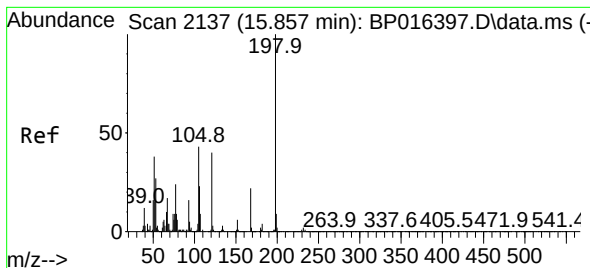


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.492 min Scan# 2415  
Delta R.T. -0.006 min  
Lab File: BP016467.D  
Acq: 02 Aug 2023 14:07

Tgt Ion: 188 Resp: 2592120

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 8.8   | 7.4   | 11.0  |
| 80  | 9.4   | 7.8   | 11.8  |

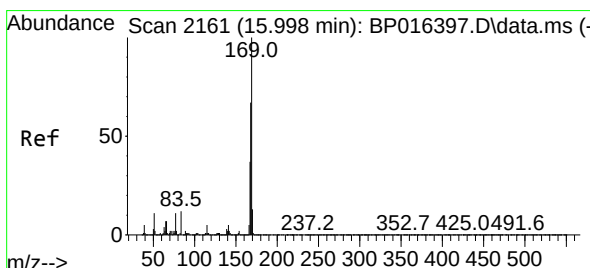
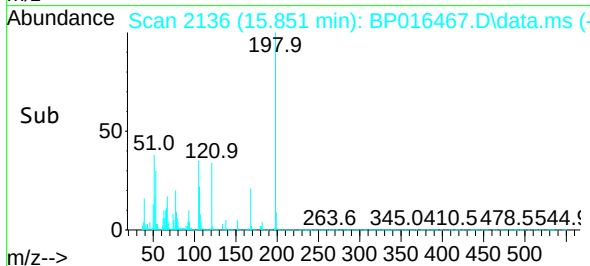
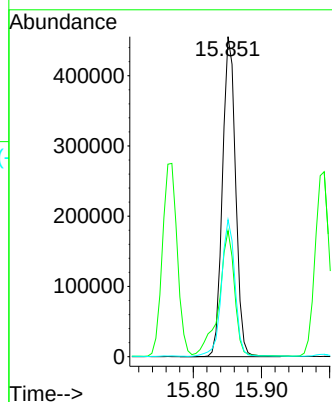
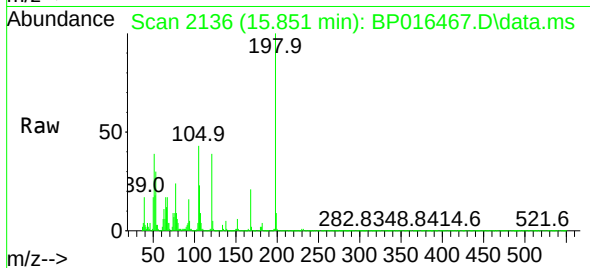




#65  
4,6-Dinitro-2-methylphenol  
Concen: 50.089 ng  
RT: 15.851 min Scan# 2137  
Delta R.T. -0.006 min  
Lab File: BP016467.D  
Acq: 02 Aug 2023 14:07

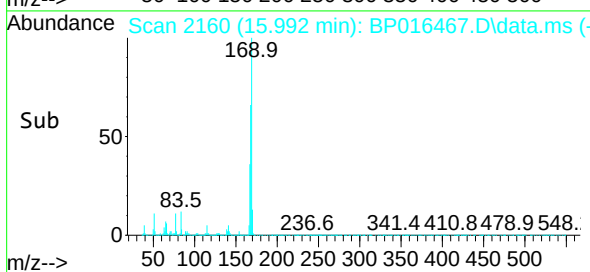
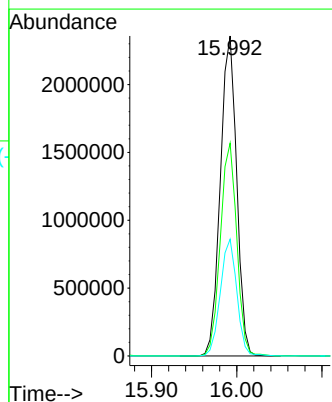
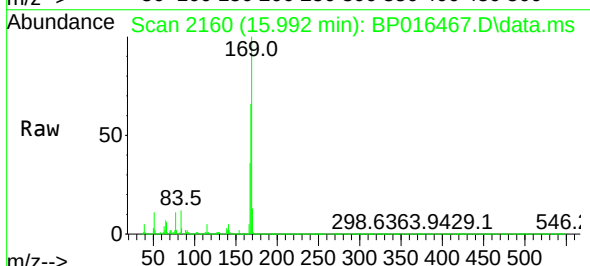
Instrument :  
BNA\_P  
ClientSampleId :  
PB154596BS

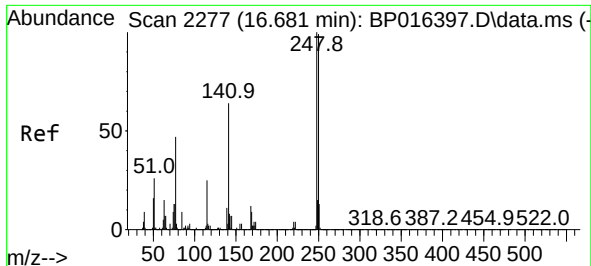
Tgt Ion:198 Resp: 611778  
Ion Ratio Lower Upper  
198 100  
51 39.4 20.1 60.1  
105 42.8 23.1 63.1



#66  
n-Nitrosodiphenylamine  
Concen: 41.117 ng  
RT: 15.992 min Scan# 2160  
Delta R.T. -0.006 min  
Lab File: BP016467.D  
Acq: 02 Aug 2023 14:07

Tgt Ion:169 Resp: 3140982  
Ion Ratio Lower Upper  
169 100  
168 66.5 53.6 80.4  
167 36.5 29.2 43.8

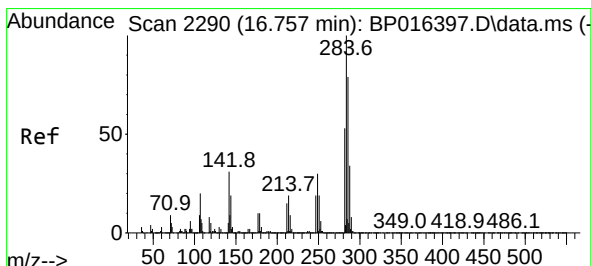
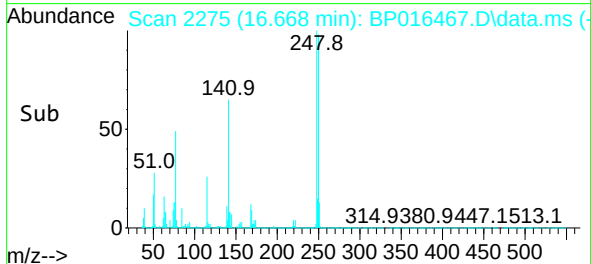
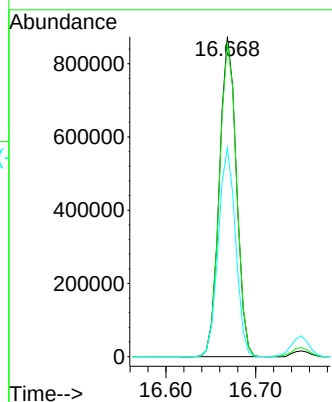
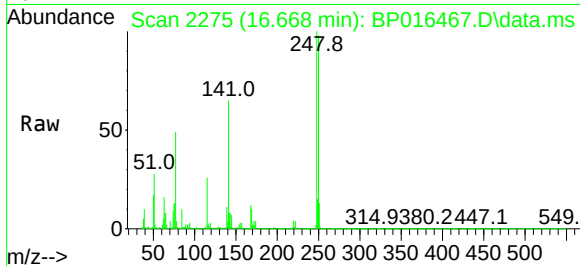




#67  
4-Bromophenyl-phenylether  
Concen: 41.884 ng  
RT: 16.668 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BP016467.D  
Acq: 02 Aug 2023 14:07

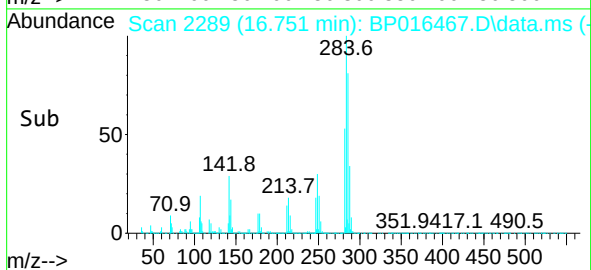
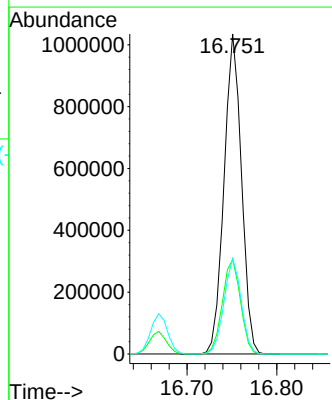
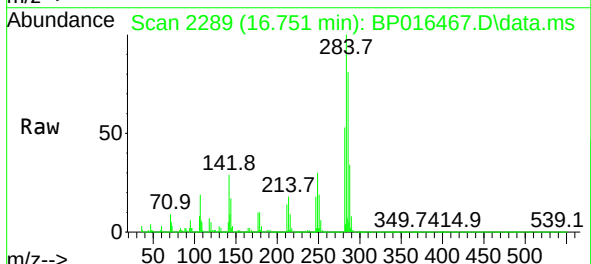
Instrument :  
BNA\_P  
ClientSampleId :  
PB154596BS

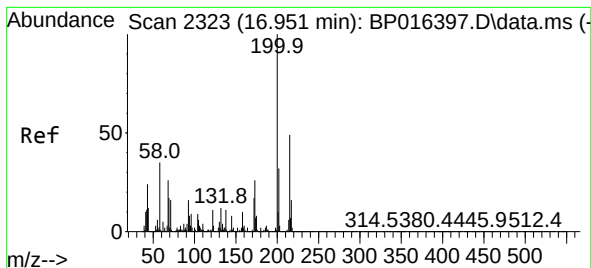
Tgt Ion:248 Resp: 1149604  
Ion Ratio Lower Upper  
248 100  
250 98.2 78.9 118.3  
141 65.2 51.0 76.4



#68  
Hexachlorobenzene  
Concen: 45.536 ng  
RT: 16.751 min Scan# 2289  
Delta R.T. -0.006 min  
Lab File: BP016467.D  
Acq: 02 Aug 2023 14:07

Tgt Ion:284 Resp: 1393789  
Ion Ratio Lower Upper  
284 100  
142 29.5 25.2 37.8  
249 32.3 26.0 39.0





#69

Atrazine

Concen: 53.049 ng

RT: 16.945 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP016467.D

Acq: 02 Aug 2023 14:07

Instrument :

BNA\_P

ClientSampleId :

PB154596BS

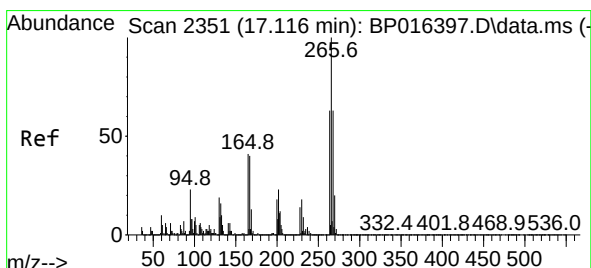
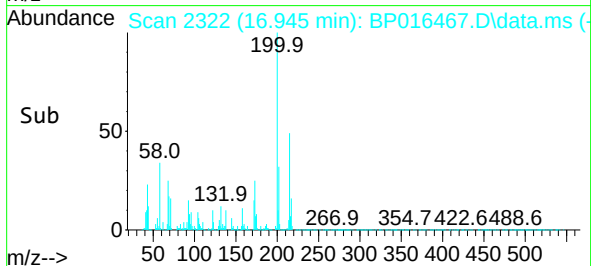
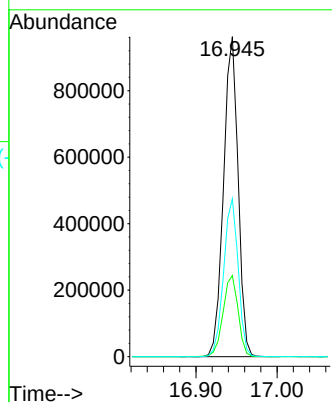
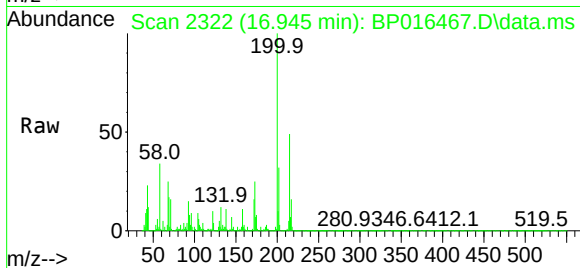
Tgt Ion:200 Resp: 1205221

Ion Ratio Lower Upper

200 100

173 25.4 5.8 45.8

215 49.4 29.2 69.2



#70

Pentachlorophenol

Concen: 79.675 ng

RT: 17.110 min Scan# 2350

Delta R.T. -0.006 min

Lab File: BP016467.D

Acq: 02 Aug 2023 14:07

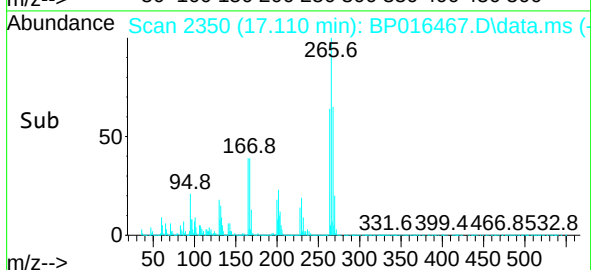
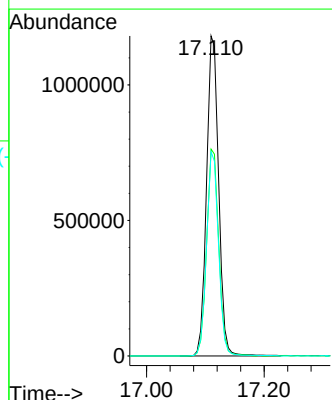
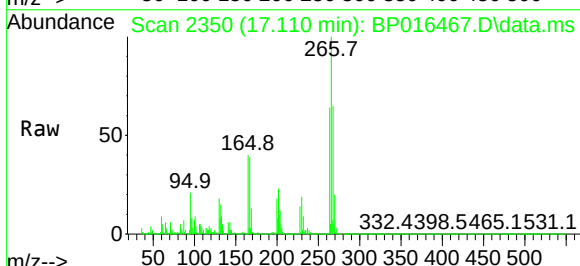
Tgt Ion:266 Resp: 1687648

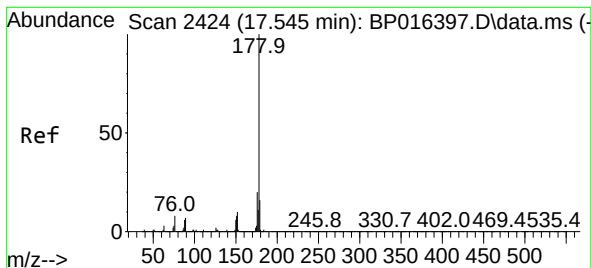
Ion Ratio Lower Upper

266 100

268 69.2 53.9 80.9

264 68.7 54.9 82.3

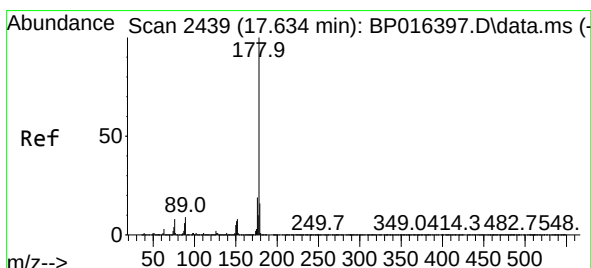
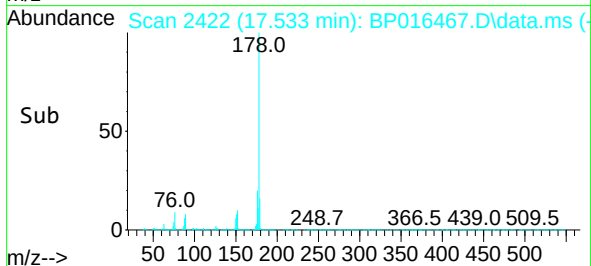
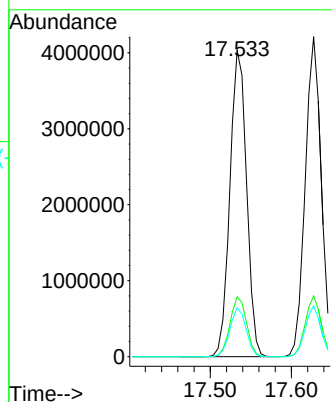
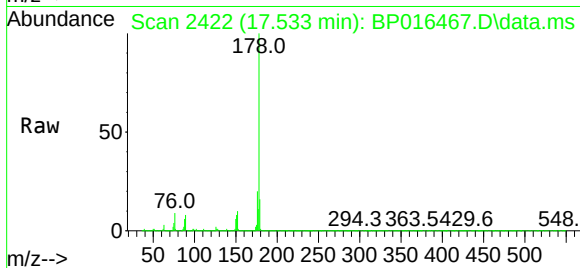




#71  
Phenanthrene  
Concen: 41.706 ng  
RT: 17.533 min Scan# 2422  
Delta R.T. -0.012 min  
Lab File: BP016467.D  
Acq: 02 Aug 2023 14:07

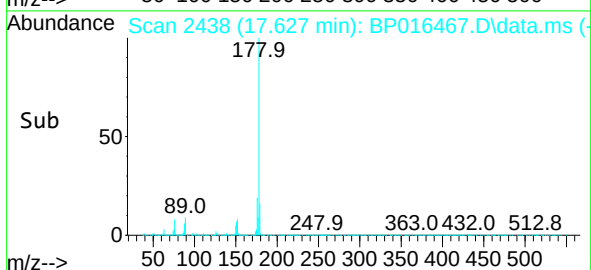
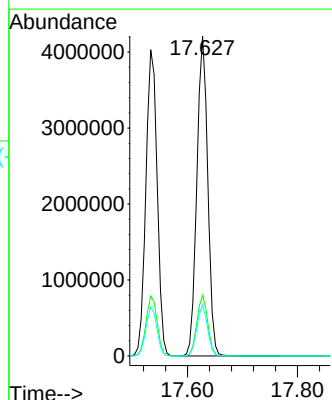
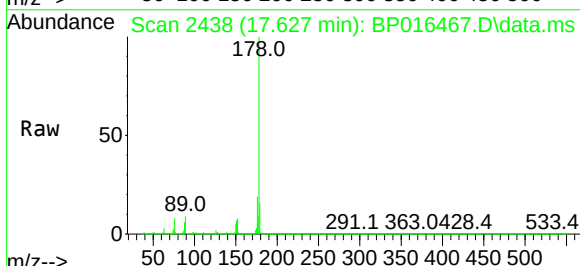
Instrument :  
BNA\_P  
ClientSampleId :  
PB154596BS

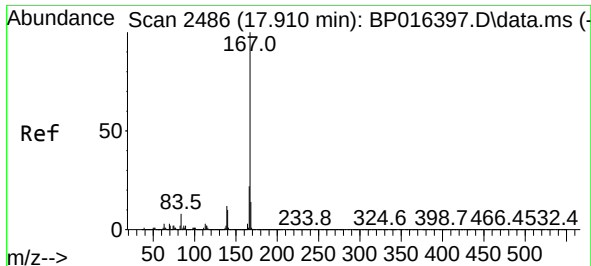
Tgt Ion:178 Resp: 5740359  
Ion Ratio Lower Upper  
178 100  
176 19.6 15.8 23.8  
179 16.0 12.4 18.6



#72  
Anthracene  
Concen: 41.735 ng  
RT: 17.627 min Scan# 2438  
Delta R.T. -0.006 min  
Lab File: BP016467.D  
Acq: 02 Aug 2023 14:07

Tgt Ion:178 Resp: 5776269  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.2 22.8  
179 15.9 12.6 19.0

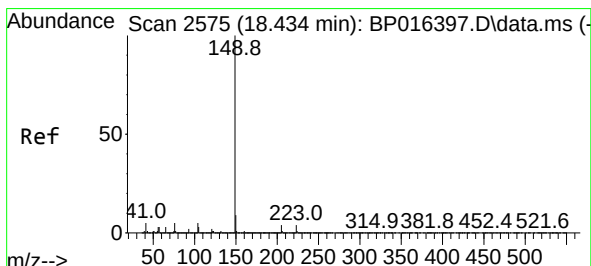
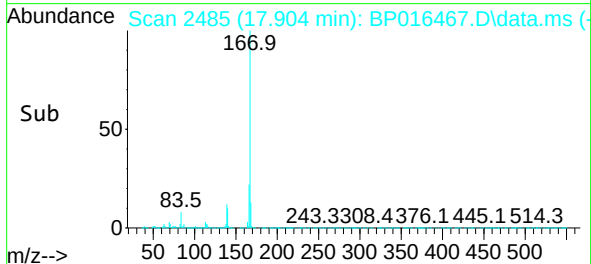
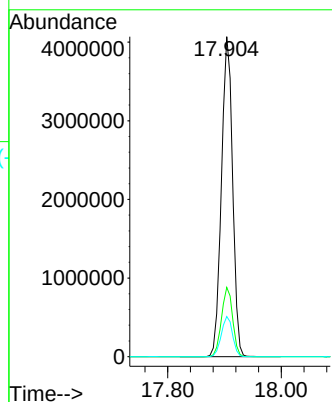
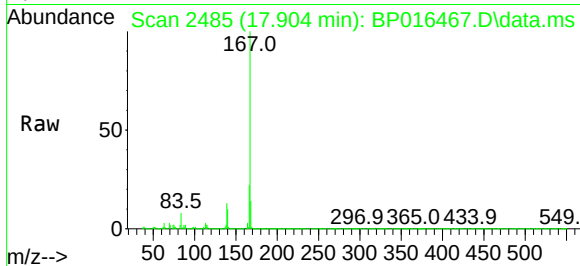




#73  
 Carbazole  
 Concen: 42.821 ng  
 RT: 17.904 min Scan# 2485  
 Delta R.T. -0.006 min  
 Lab File: BP016467.D  
 Acq: 02 Aug 2023 14:07

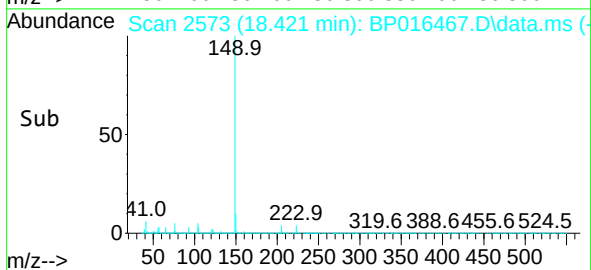
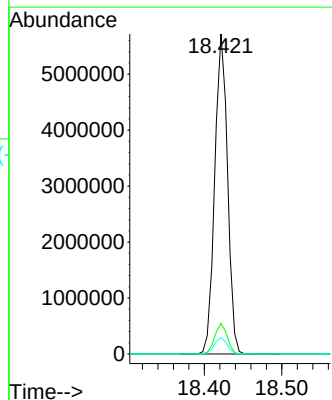
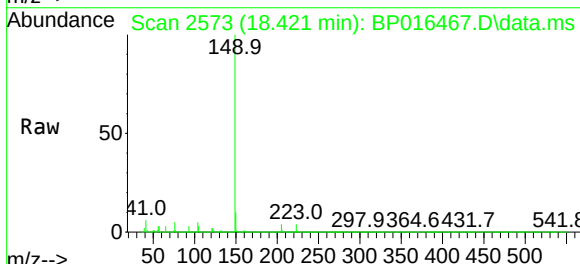
Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB154596BS

Tgt Ion:167 Resp: 5556444  
 Ion Ratio Lower Upper  
 167 100  
 166 21.6 17.2 25.8  
 139 12.5 9.9 14.9

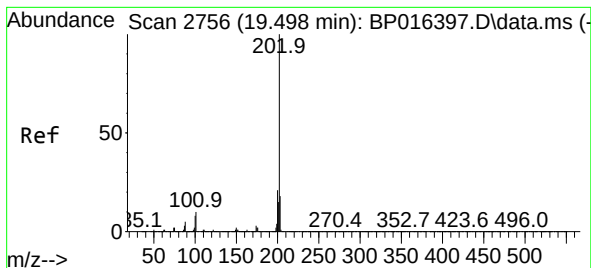


#74  
 Di-n-butylphthalate  
 Concen: 43.590 ng  
 RT: 18.421 min Scan# 2573  
 Delta R.T. -0.012 min  
 Lab File: BP016467.D  
 Acq: 02 Aug 2023 14:07

Tgt Ion:149 Resp: 6543813  
 Ion Ratio Lower Upper  
 149 100  
 150 9.5 7.4 11.2  
 104 5.1 3.8 5.8







#75

Fluoranthene

Concen: 43.571 ng

RT: 19.492 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP016467.D

Acq: 02 Aug 2023 14:07

Instrument :

BNA\_P

ClientSampleId :

PB154596BS

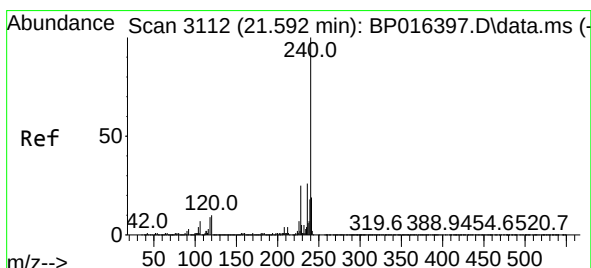
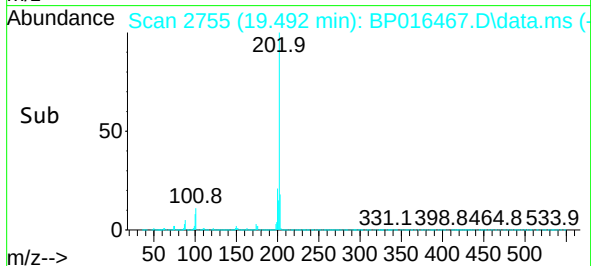
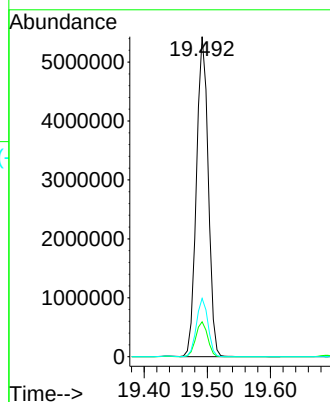
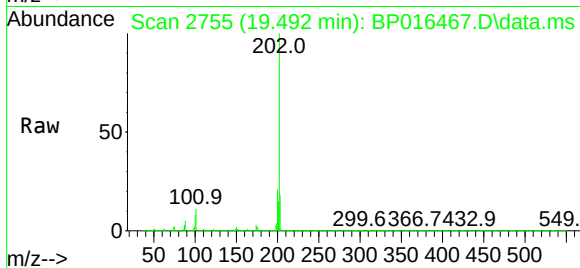
Tgt Ion:202 Resp: 7029125

Ion Ratio Lower Upper

202 100

101 10.9 0.0 30.2

203 18.2 0.0 37.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.592 min Scan# 3112

Delta R.T. -0.000 min

Lab File: BP016467.D

Acq: 02 Aug 2023 14:07

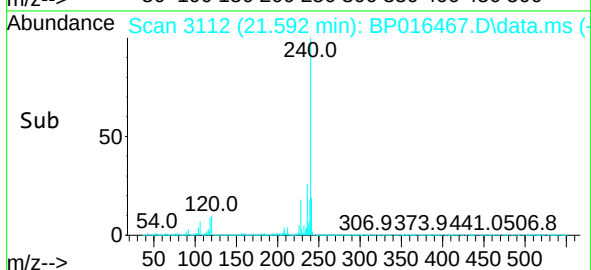
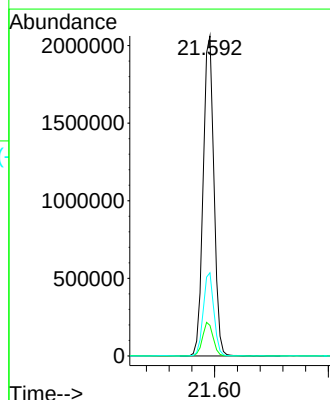
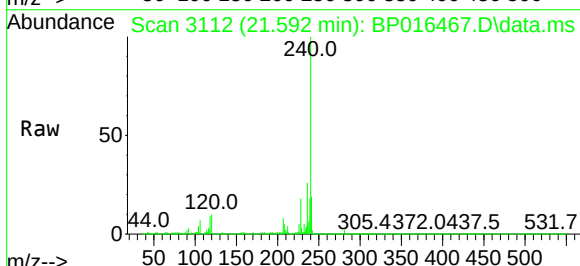
Tgt Ion:240 Resp: 2705683

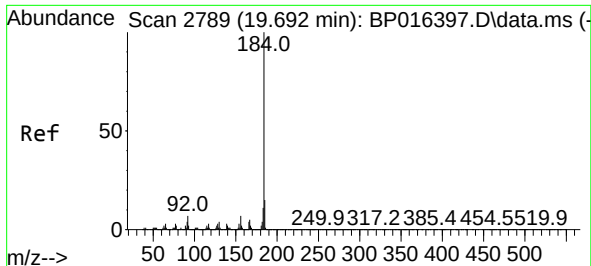
Ion Ratio Lower Upper

240 100

120 9.6 7.9 11.9

236 26.0 21.1 31.7

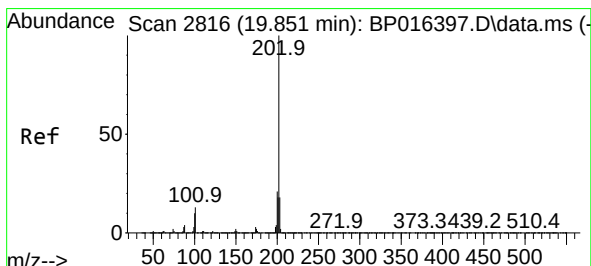
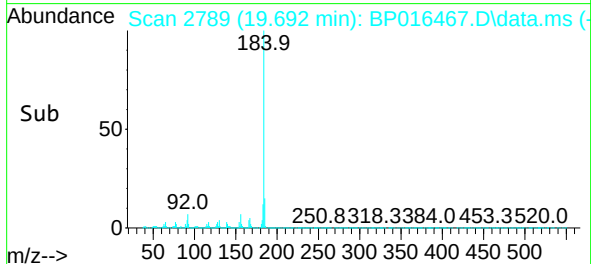
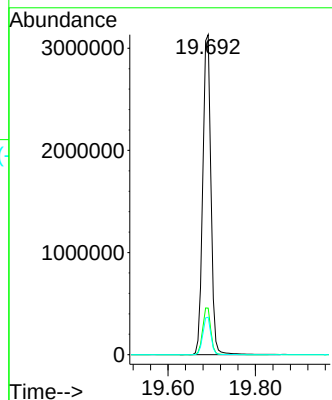
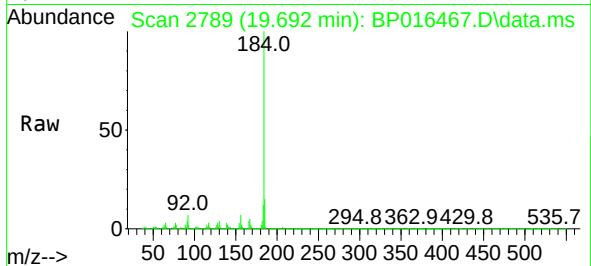




#77  
Benzidine  
Concen: 86.921 ng  
RT: 19.692 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BP016467.D  
Acq: 02 Aug 2023 14:07

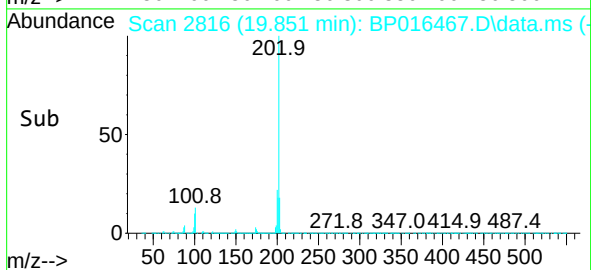
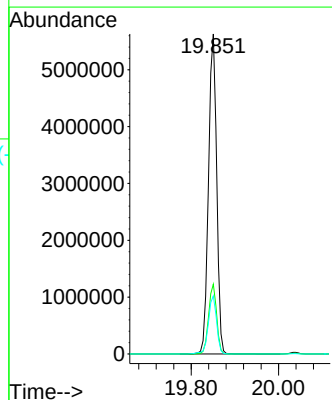
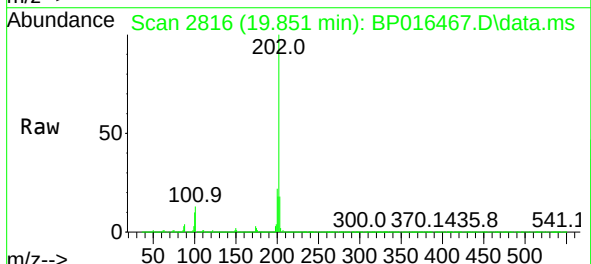
Instrument :  
BNA\_P  
ClientSampleId :  
PB154596BS

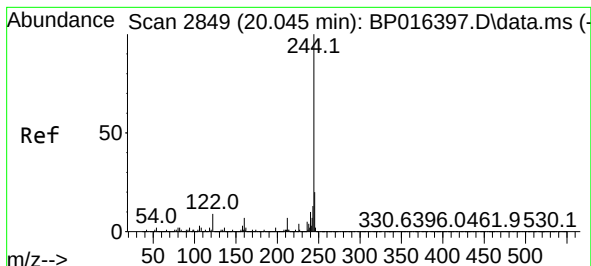
Tgt Ion:184 Resp: 4077482  
Ion Ratio Lower Upper  
184 100  
185 14.6 12.0 18.0  
183 11.7 9.2 13.8



#78  
Pyrene  
Concen: 40.372 ng  
RT: 19.851 min Scan# 2816  
Delta R.T. -0.000 min  
Lab File: BP016467.D  
Acq: 02 Aug 2023 14:07

Tgt Ion:202 Resp: 7322556  
Ion Ratio Lower Upper  
202 100  
200 21.8 17.1 25.7  
203 18.1 14.4 21.6





#79

Terphenyl-d14

Concen: 85.143 ng

RT: 20.039 min Scan# 2848

Delta R.T. -0.006 min

Lab File: BP016467.D

Acq: 02 Aug 2023 14:07

Instrument :

BNA\_P

ClientSampleId :

PB154596BS

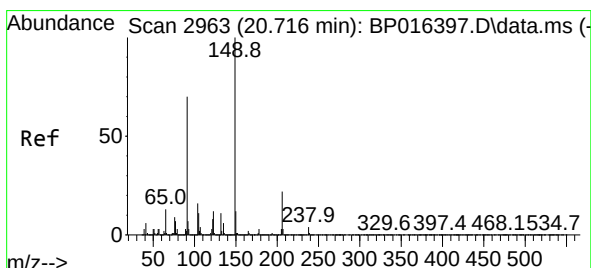
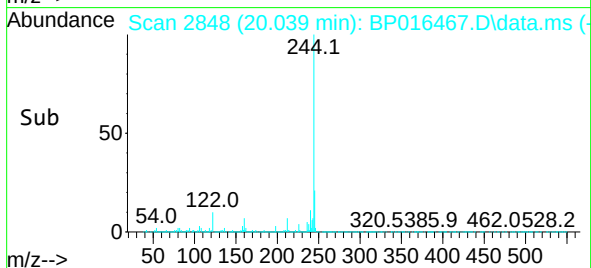
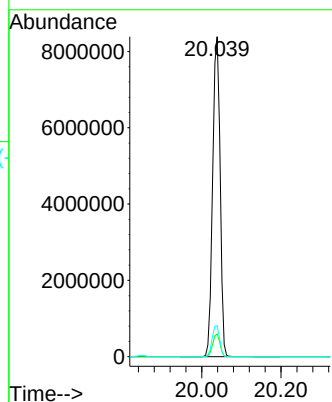
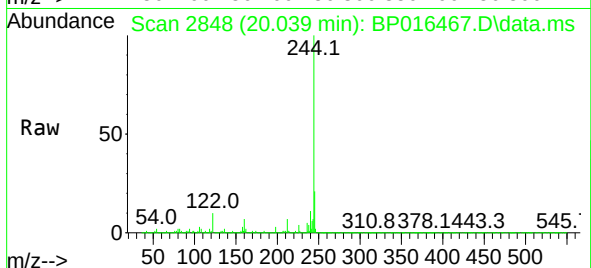
Tgt Ion:244 Resp:10905545

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 9.7 7.4 11.2



#80

Butylbenzylphthalate

Concen: 43.693 ng

RT: 20.709 min Scan# 2962

Delta R.T. -0.006 min

Lab File: BP016467.D

Acq: 02 Aug 2023 14:07

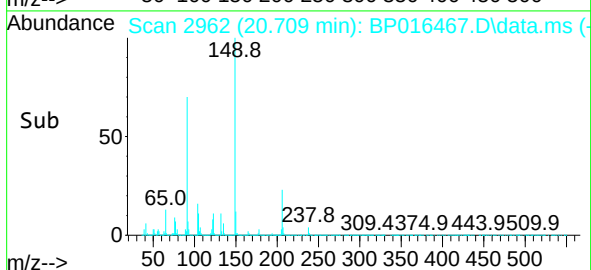
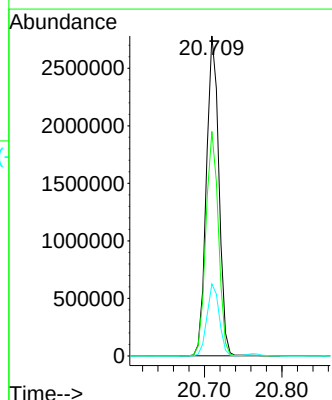
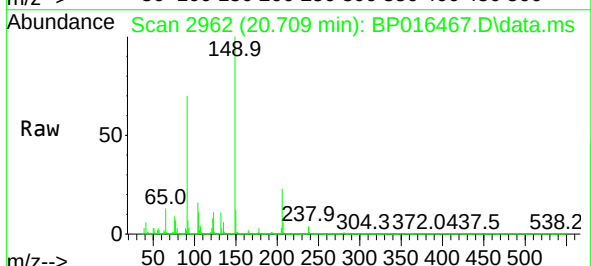
Tgt Ion:149 Resp: 3113346

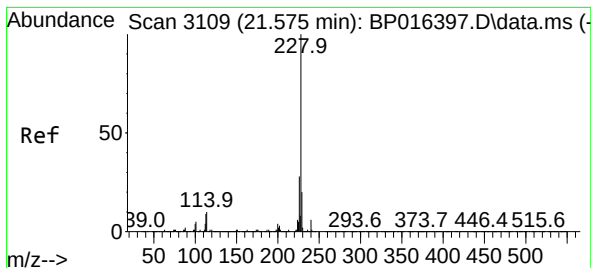
Ion Ratio Lower Upper

149 100

91 70.2 56.1 84.1

206 22.5 17.8 26.6





#81

Benzo(a)anthracene

Concen: 42.185 ng

RT: 21.574 min Scan# 3109

Delta R.T. -0.000 min

Lab File: BP016467.D

Acq: 02 Aug 2023 14:07

Instrument :

BNA\_P

ClientSampleId :

PB154596BS

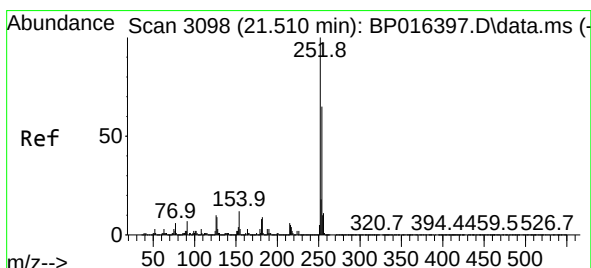
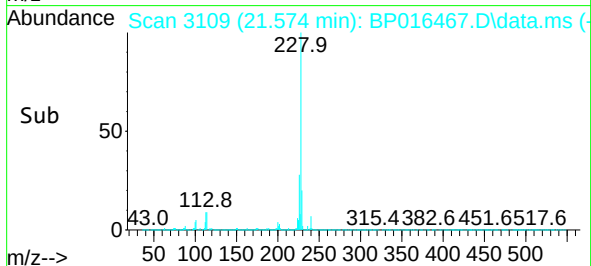
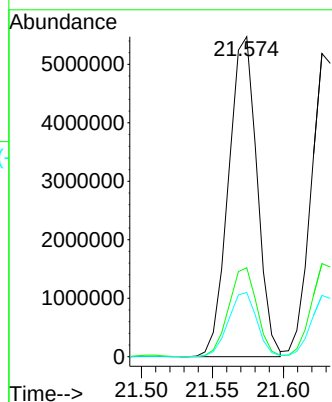
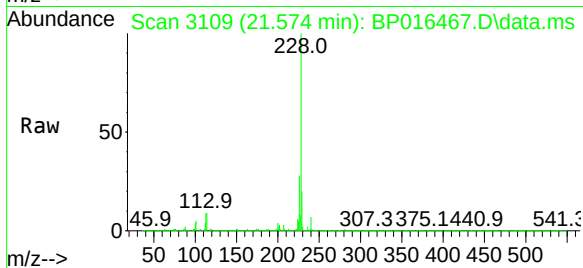
Tgt Ion:228 Resp: 7658279

Ion Ratio Lower Upper

228 100

226 27.8 22.4 33.6

229 20.1 16.2 24.4



#82

3,3'-Dichlorobenzidine

Concen: 34.645 ng

RT: 21.504 min Scan# 3097

Delta R.T. -0.006 min

Lab File: BP016467.D

Acq: 02 Aug 2023 14:07

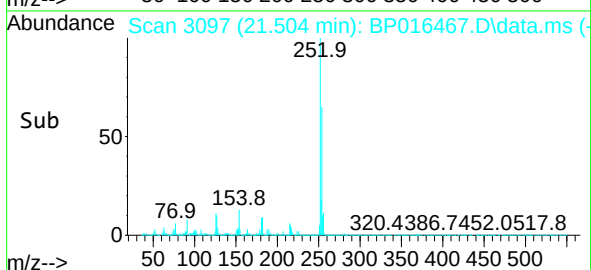
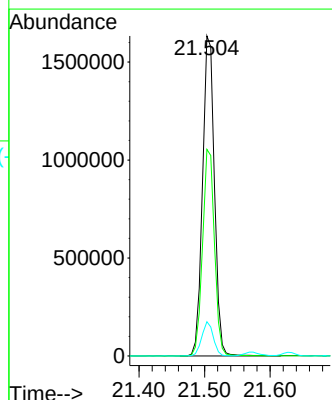
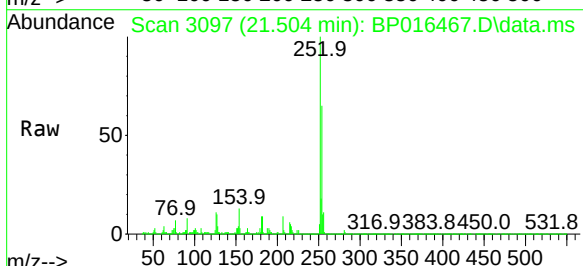
Tgt Ion:252 Resp: 2064624

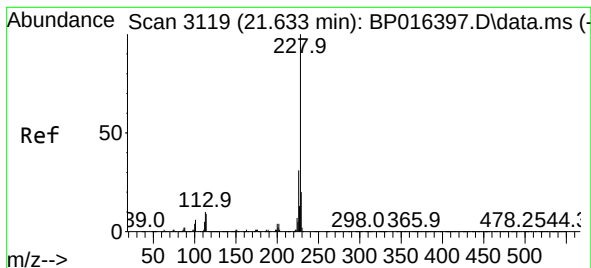
Ion Ratio Lower Upper

252 100

254 64.5 52.2 78.2

126 10.7 7.8 11.6





#83

Chrysene

Concen: 40.884 ng

RT: 21.627 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BP016467.D

Acq: 02 Aug 2023 14:07

Instrument :

BNA\_P

ClientSampleId :

PB154596BS

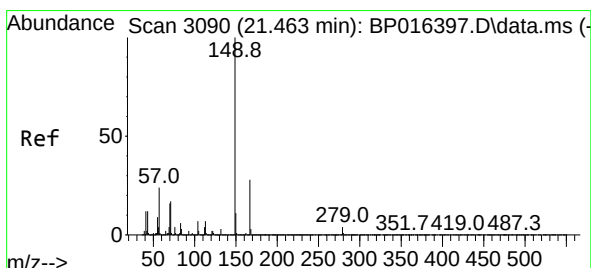
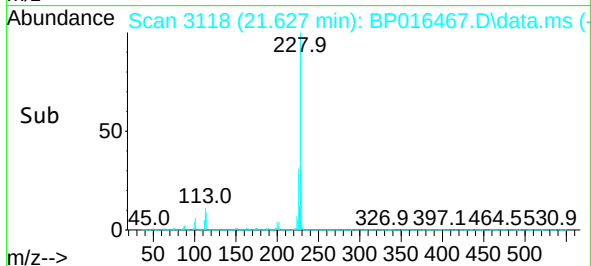
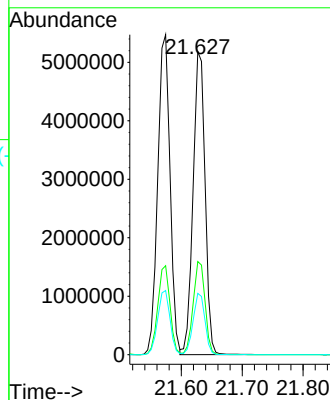
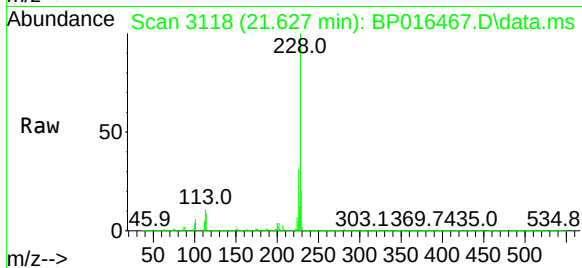
Tgt Ion:228 Resp: 7087410

Ion Ratio Lower Upper

228 100

226 30.7 24.6 37.0

229 20.2 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.194 ng

RT: 21.456 min Scan# 3089

Delta R.T. -0.006 min

Lab File: BP016467.D

Acq: 02 Aug 2023 14:07

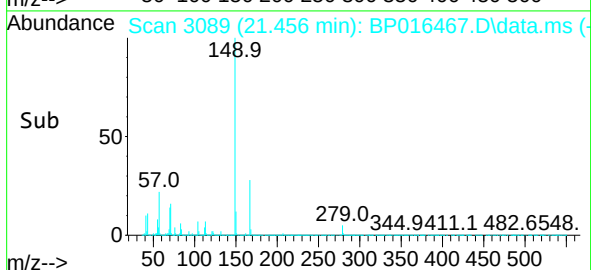
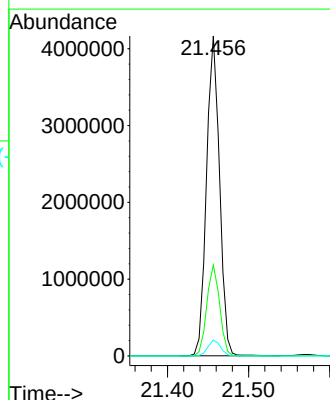
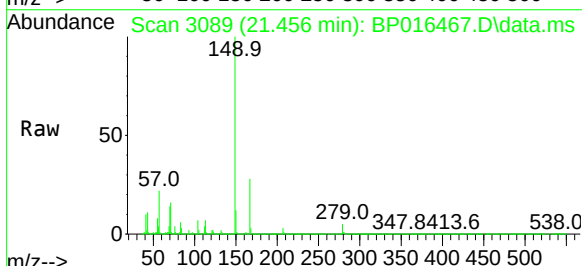
Tgt Ion:149 Resp: 4620822

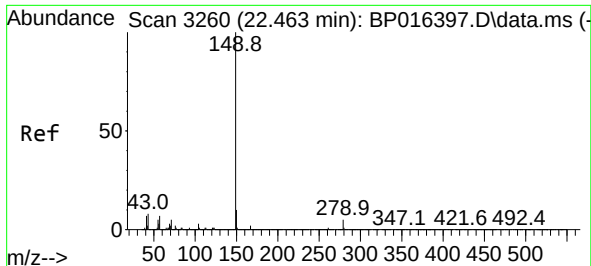
Ion Ratio Lower Upper

149 100

167 28.5 22.5 33.7

279 5.0 3.6 5.4

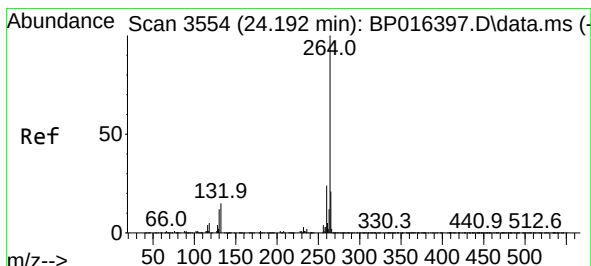
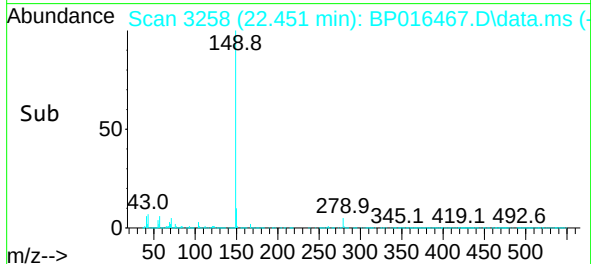
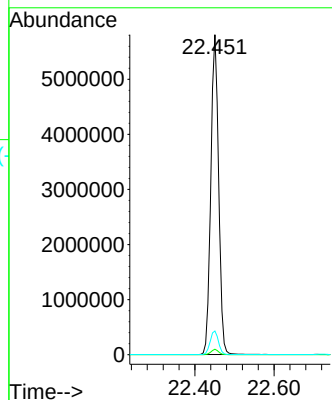
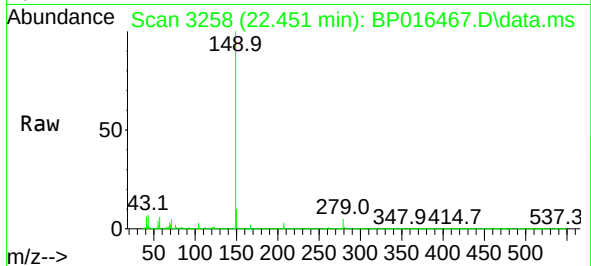




#85  
Di-n-octyl phthalate  
Concen: 44.201 ng  
RT: 22.451 min Scan# 31  
Delta R.T. -0.012 min  
Lab File: BP016467.D  
Acq: 02 Aug 2023 14:07

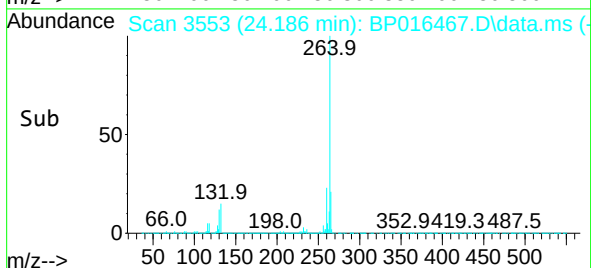
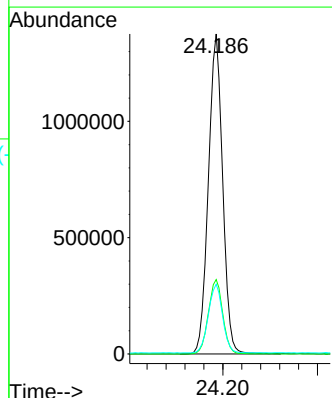
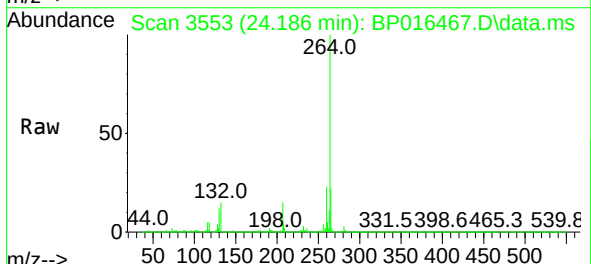
Instrument :  
BNA\_P  
ClientSampleId :  
PB154596BS

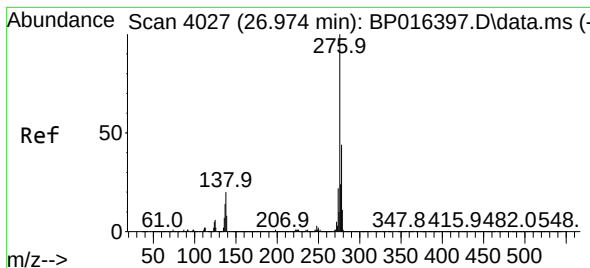
Tgt Ion:149 Resp: 7952748  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 7.9 6.6 9.8



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.186 min Scan# 3553  
Delta R.T. -0.006 min  
Lab File: BP016467.D  
Acq: 02 Aug 2023 14:07

Tgt Ion:264 Resp: 2874872  
Ion Ratio Lower Upper  
264 100  
260 23.2 19.3 28.9  
265 21.8 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 35.930 ng

RT: 26.956 min Scan# 4027

Delta R.T. -0.018 min

Lab File: BP016467.D

Acq: 02 Aug 2023 14:07

Instrument :

BNA\_P

ClientSampleId :

PB154596BS

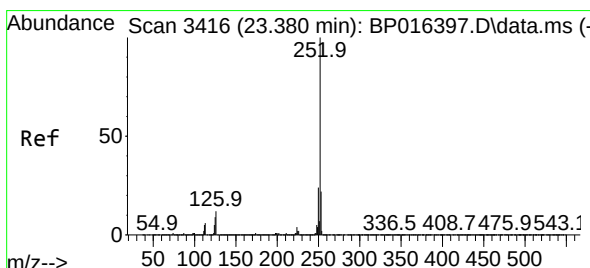
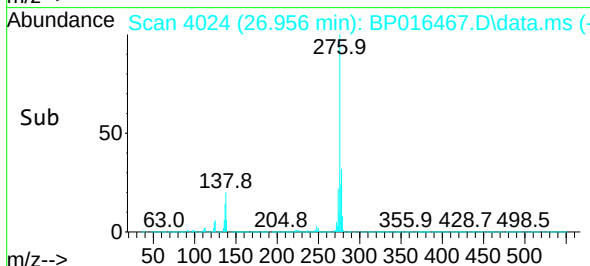
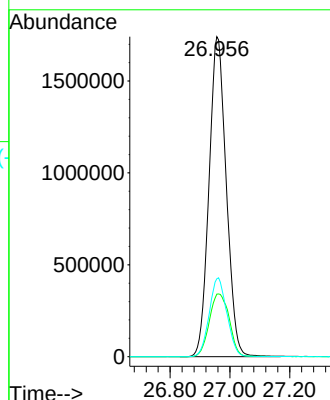
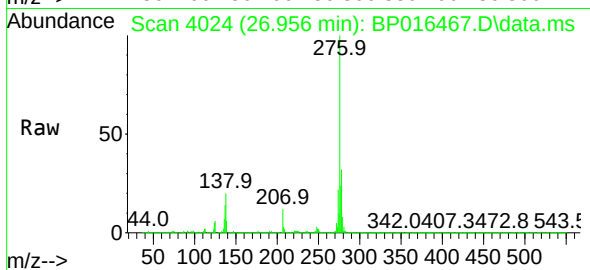
Tgt Ion:276 Resp: 6964019

Ion Ratio Lower Upper

276 100

138 22.7 18.4 27.6

277 25.2 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 46.347 ng

RT: 23.380 min Scan# 3416

Delta R.T. -0.000 min

Lab File: BP016467.D

Acq: 02 Aug 2023 14:07

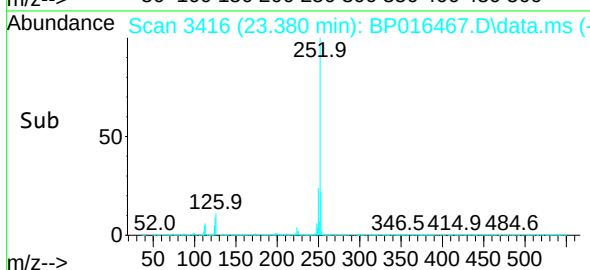
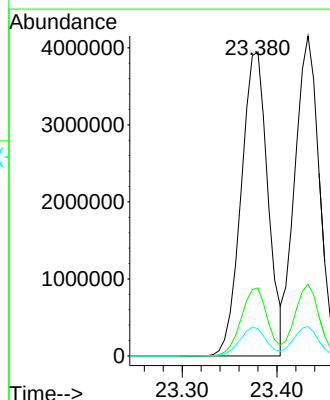
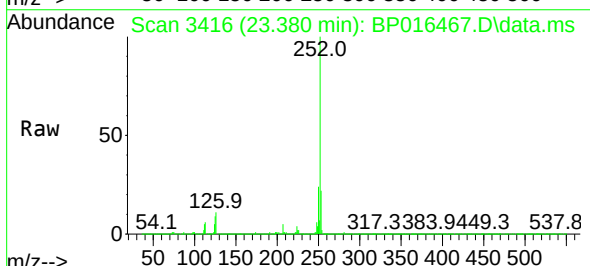
Tgt Ion:252 Resp: 7723592

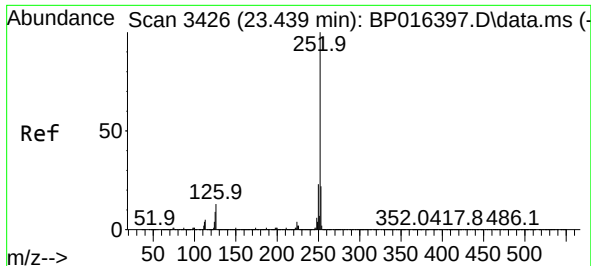
Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

125 9.0 7.4 11.2

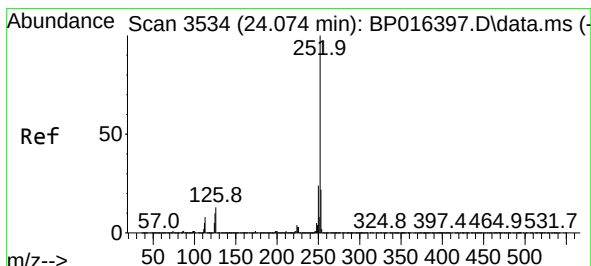
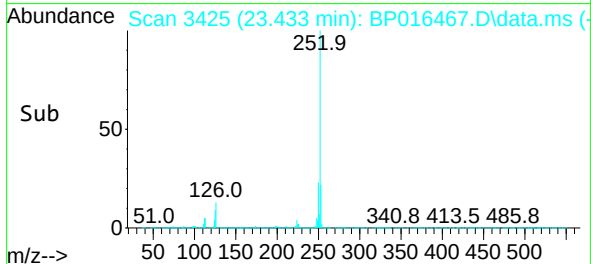
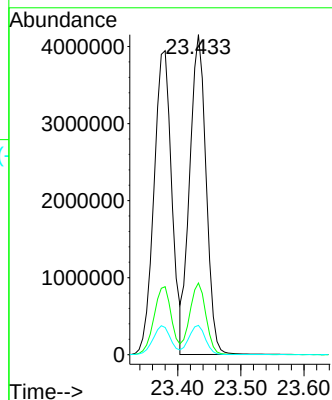
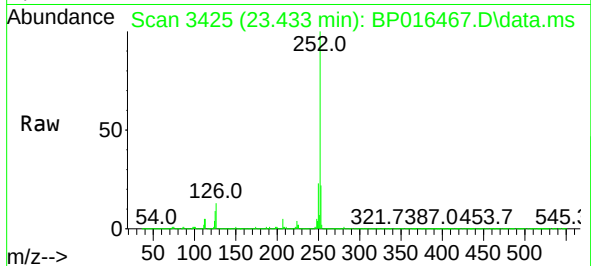




#89  
Benzo(k)fluoranthene  
Concen: 44.165 ng  
RT: 23.433 min Scan# 34  
Delta R.T. -0.006 min  
Lab File: BP016467.D  
Acq: 02 Aug 2023 14:07

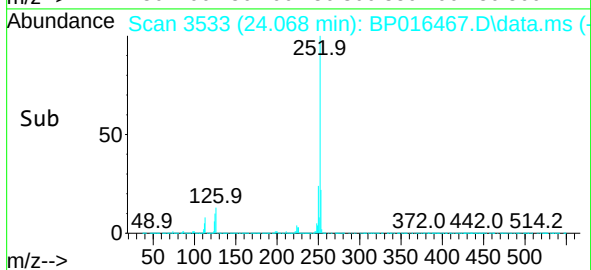
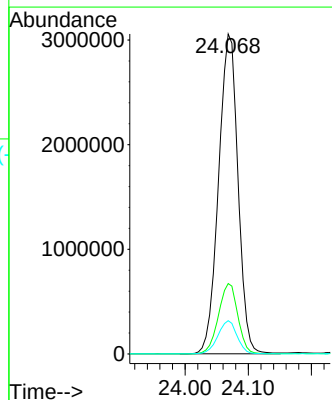
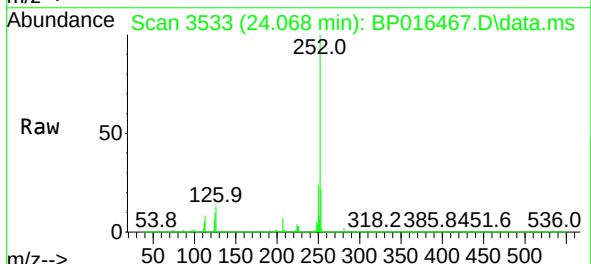
Instrument :  
BNA\_P  
ClientSampleId :  
PB154596BS

Tgt Ion:252 Resp: 7485189  
Ion Ratio Lower Upper  
252 100  
253 22.4 17.8 26.8  
125 9.2 7.1 10.7

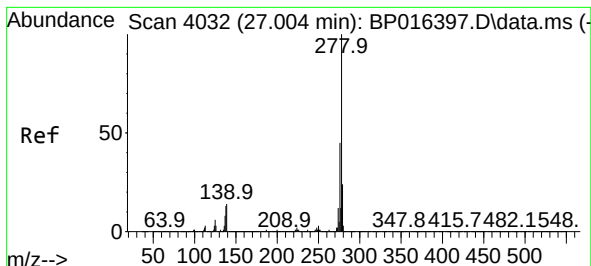


#90  
Benzo(a)pyrene  
Concen: 40.488 ng  
RT: 24.068 min Scan# 3533  
Delta R.T. -0.006 min  
Lab File: BP016467.D  
Acq: 02 Aug 2023 14:07

Tgt Ion:252 Resp: 6535339  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.8 26.6  
125 10.4 8.3 12.5







#91

Dibenzo(a,h)anthracene

Concen: 36.412 ng

RT: 26.991 min Scan# 4032

Delta R.T. -0.012 min

Lab File: BP016467.D

Acq: 02 Aug 2023 14:07

Instrument :

BNA\_P

ClientSampleId :

PB154596BS

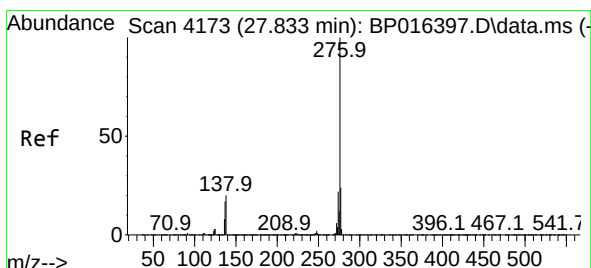
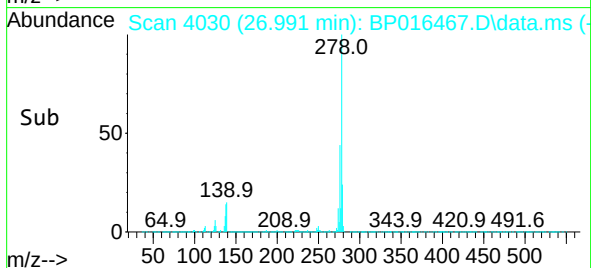
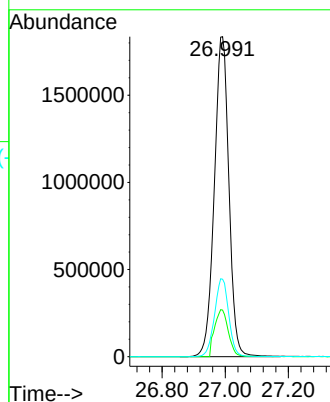
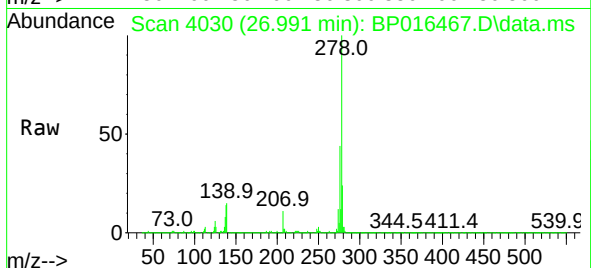
Tgt Ion:278 Resp: 5885533

Ion Ratio Lower Upper

278 100

139 14.6 11.6 17.4

279 24.2 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 33.861 ng

RT: 27.821 min Scan# 4171

Delta R.T. -0.012 min

Lab File: BP016467.D

Acq: 02 Aug 2023 14:07

Tgt Ion:276 Resp: 5274215

Ion Ratio Lower Upper

276 100

277 24.1 19.2 28.8

138 19.7 16.1 24.1

