

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP011223\  
 Data File : BP013472.D  
 Acq On : 12 Jan 2023 23:08  
 Operator : CG/JU  
 Sample : PB150142BS  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB150142BS

Quant Time: Jan 13 04:09:16 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP011223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 13 03:32:57 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.905  | 152  | 511267   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.716 | 136  | 2178014  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.557 | 164  | 1481832  | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.316 | 188  | 3347646  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.404 | 240  | 3061681  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 23.863 | 264  | 2953448  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.469  | 112  | 4582838  | 157.458 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.081  | 99   | 6187394  | 150.395 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.081  | 82   | 3630031  | 88.547  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.051 | 330  | 3166456  | 136.894 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.175 | 172  | 8961637  | 88.407  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.863 | 244  | 12998063 | 86.794  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.328  | 88   | 425654   | 37.295  | ng    | 99       |
| 3) Pyridine                   | 3.740  | 79   | 1218789  | 34.254  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.652  | 42   | 743394   | 43.570  | ng    | 97       |
| 6) Aniline                    | 7.234  | 93   | 2123038  | 38.617  | ng    | 99       |
| 8) 2-Chlorophenol             | 7.469  | 128  | 1724125  | 51.186  | ng    | 99       |
| 9) Benzaldehyde               | 7.046  | 77   | 744061   | 29.960  | ng    | 99       |
| 10) Phenol                    | 7.105  | 94   | 2253462  | 53.066  | ng    | 100      |
| 11) bis(2-Chloroethyl)ether   | 7.328  | 93   | 1563326  | 45.416  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.793  | 146  | 1682127  | 47.401  | ng    | 100      |
| 13) 1,4-Dichlorobenzene       | 7.940  | 146  | 1719898  | 47.554  | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 8.258  | 146  | 1685546  | 47.704  | ng    | 99       |
| 15) Benzyl Alcohol            | 8.152  | 79   | 1569454  | 49.509  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.440  | 45   | 2416542  | 45.376  | ng    | 99       |
| 17) 2-Methylphenol            | 8.357  | 107  | 1503203  | 47.818  | ng    | 99       |
| 18) Hexachloroethane          | 8.987  | 117  | 608409   | 47.502  | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 8.722  | 70   | 1290331  | 43.942  | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.687  | 107  | 2079667  | 47.617  | ng    | 98       |
| 22) Acetophenone              | 8.740  | 105  | 2488492  | 44.615  | ng    | # 99     |
| 24) Nitrobenzene              | 9.122  | 77   | 1878381  | 44.296  | ng    | 99       |
| 25) Isophorone                | 9.646  | 82   | 3629559  | 43.012  | ng    | 99       |
| 26) 2-Nitrophenol             | 9.834  | 139  | 977538   | 46.634  | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 9.893  | 122  | 1721146  | 49.877  | ng    | 100      |
| 28) bis(2-Chloroethoxy)met... | 10.128 | 93   | 2223734  | 44.681  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.369 | 162  | 1816057  | 50.153  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.581 | 180  | 1768671  | 46.153  | ng    | 99       |
| 31) Naphthalene               | 10.769 | 128  | 5094059  | 44.230  | ng    | 100      |
| 32) Benzoic acid              | 10.057 | 122  | 1437491  | 49.944  | ng    | 98       |
| 33) 4-Chloroaniline           | 10.887 | 127  | 935819   | 17.787  | ng    | 99       |
| 34) Hexachlorobutadiene       | 11.046 | 225  | 1086356  | 44.971  | ng    | 98       |
| 35) Caprolactam               | 11.693 | 113  | 279454   | 21.659  | ng    | 98       |
| 36) 4-Chloro-3-methylphenol   | 12.010 | 107  | 1896980  | 48.075  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.375 | 142  | 3749403  | 43.363  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.598 | 142  | 3515080  | 43.094  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.746 | 216  | 2176451  | 44.810  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.716 | 237  | 2840590  | 112.164 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.987 | 196  | 1575388  | 47.173  | ng    | 100      |

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 QLast Update : Fri Jan 13 03:32:57 2023  
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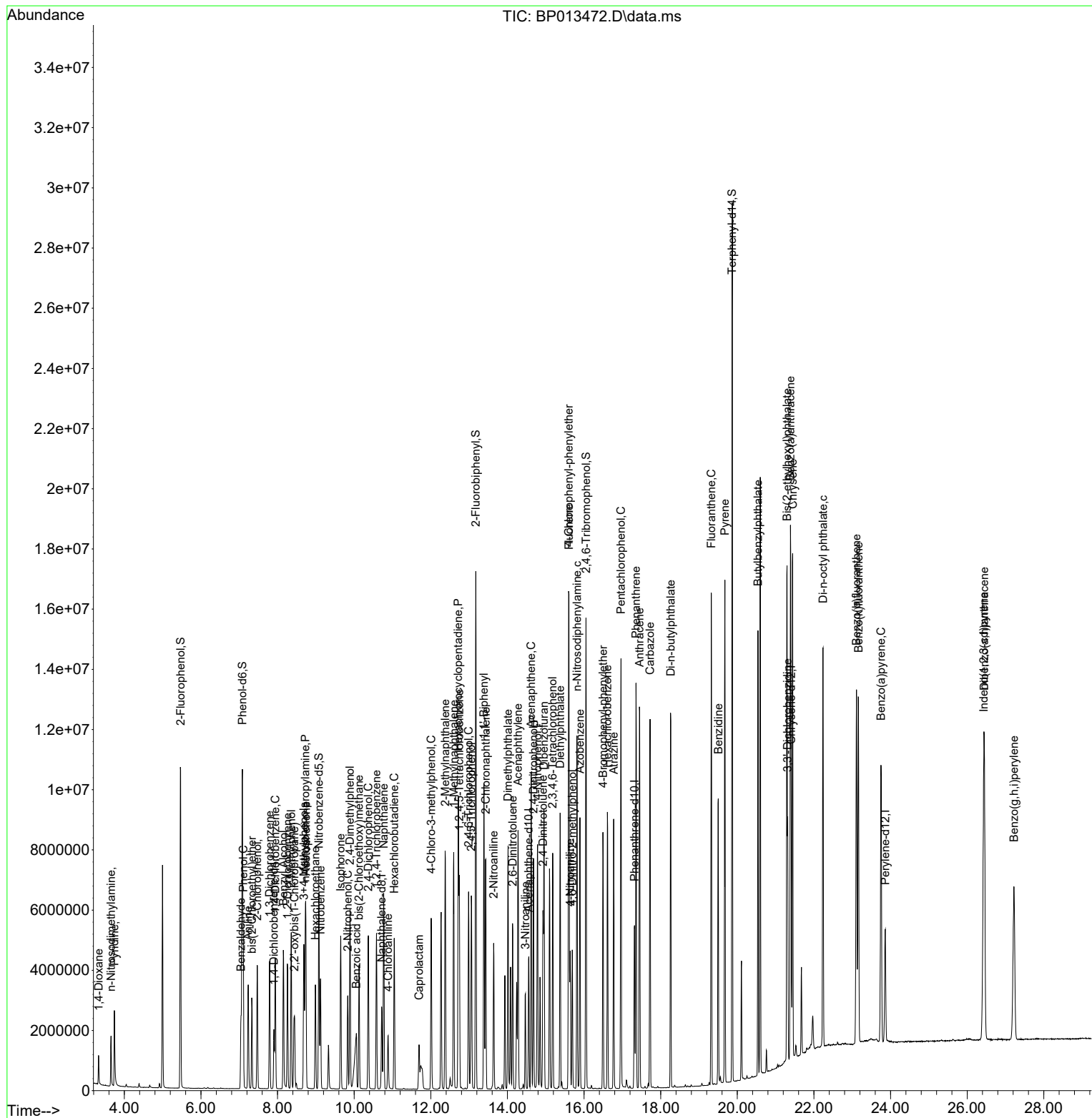
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.057 | 196  | 1726922  | 44.069 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 13.387 | 154  | 5019642  | 44.805 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 13.434 | 162  | 3941027  | 45.865 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.640 | 65   | 1269978  | 44.902 | ng    | 96       |
| 49) Acenaphthylene            | 14.275 | 152  | 6309555  | 44.528 | ng    | 100      |
| 50) Dimethylphthalate         | 14.016 | 163  | 5211456  | 44.352 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.140 | 165  | 1167344  | 45.541 | ng    | 96       |
| 52) Acenaphthene              | 14.616 | 154  | 3748492  | 44.695 | ng    | 100      |
| 53) 3-Nitroaniline            | 14.469 | 138  | 776206   | 28.304 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 14.681 | 184  | 1709384  | 98.142 | ng    | 98       |
| 55) Dibenzofuran              | 14.957 | 168  | 6112733  | 43.959 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.787 | 139  | 2146458  | 97.414 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 14.928 | 165  | 1633775  | 46.610 | ng    | 99       |
| 58) Fluorene                  | 15.604 | 166  | 4895658  | 44.614 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.181 | 232  | 1590627  | 46.941 | ng    | 100      |
| 60) Diethylphthalate          | 15.375 | 149  | 5108226  | 44.425 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.598 | 204  | 2603204  | 44.670 | ng    | 99       |
| 62) 4-Nitroaniline            | 15.639 | 138  | 1225828  | 43.660 | ng    | 100      |
| 63) Azobenzene                | 15.892 | 77   | 4702106  | 44.536 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.692 | 198  | 1040696  | 45.457 | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 15.816 | 169  | 4427885  | 45.013 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 16.492 | 248  | 1738762  | 45.119 | ng    | 99       |
| 68) Hexachlorobenzene         | 16.610 | 284  | 2001242  | 47.687 | ng    | 99       |
| 69) Atrazine                  | 16.775 | 200  | 1699006  | 47.158 | ng    | 99       |
| 70) Pentachlorophenol         | 16.963 | 266  | 2673789  | 86.932 | ng    | 99       |
| 71) Phenanthrene              | 17.357 | 178  | 8015551  | 45.380 | ng    | 100      |
| 72) Anthracene                | 17.451 | 178  | 8151406  | 45.352 | ng    | 100      |
| 73) Carbazole                 | 17.722 | 167  | 7458890  | 45.564 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.263 | 149  | 8938099  | 47.040 | ng    | 99       |
| 75) Fluoranthene              | 19.322 | 202  | 9513744  | 44.840 | ng    | 100      |
| 77) Benzidine                 | 19.504 | 184  | 5360343  | 58.921 | ng    | 100      |
| 78) Pyrene                    | 19.675 | 202  | 9855754  | 48.944 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.539 | 149  | 4101885  | 47.123 | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.386 | 228  | 9649376  | 46.799 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.316 | 252  | 2265564  | 29.410 | ng    | 98       |
| 83) Chrysene                  | 21.445 | 228  | 8927062  | 45.823 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.298 | 149  | 5812585  | 46.144 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.239 | 149  | 9509386  | 44.469 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 26.433 | 276  | 8797051  | 41.187 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 23.110 | 252  | 8980930  | 51.214 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.163 | 252  | 8687263  | 51.039 | ng    | 100      |
| 90) Benzo(a)pyrene            | 23.751 | 252  | 7603991  | 44.139 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 26.445 | 278  | 7365692  | 41.418 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 27.221 | 276  | 7109676  | 40.518 | ng    | 99       |

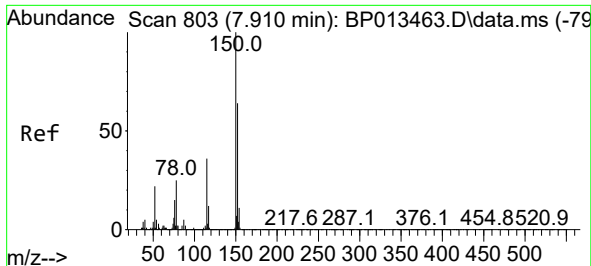
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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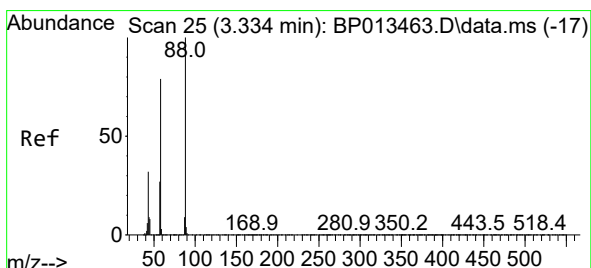
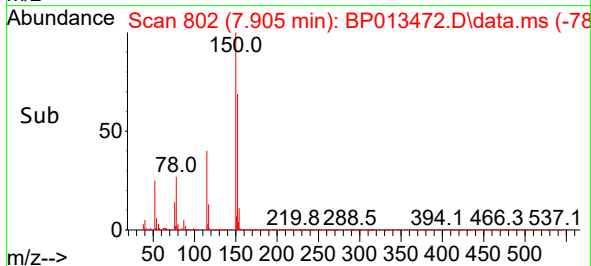
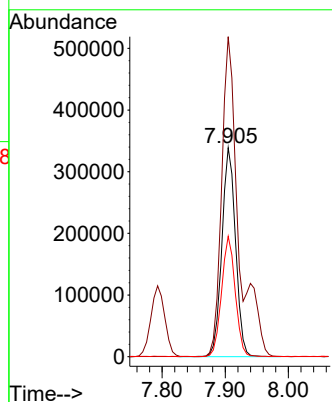
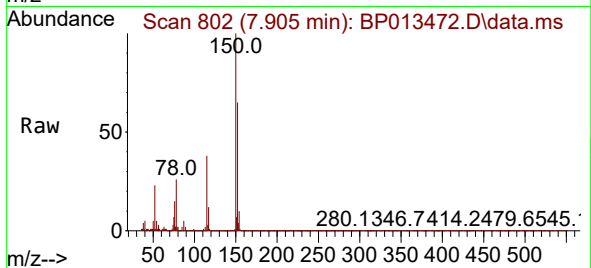




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.905 min Scan# 80  
 Delta R.T. -0.005 min  
 Lab File: BP013472.D  
 Acq: 12 Jan 2023 23:08

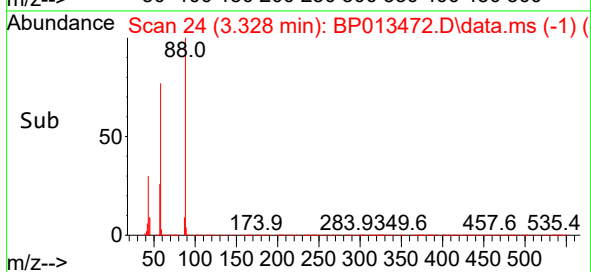
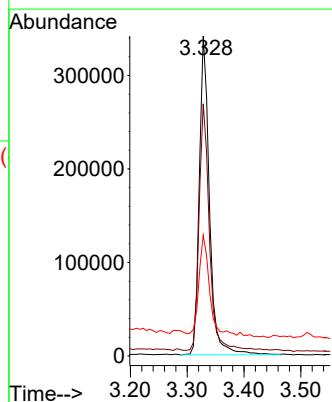
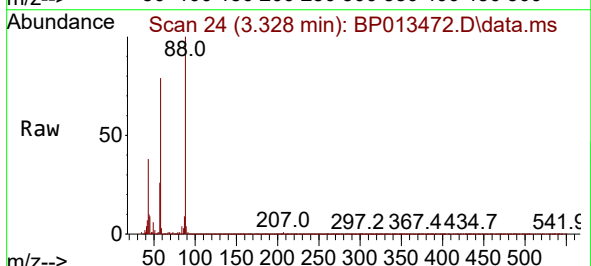
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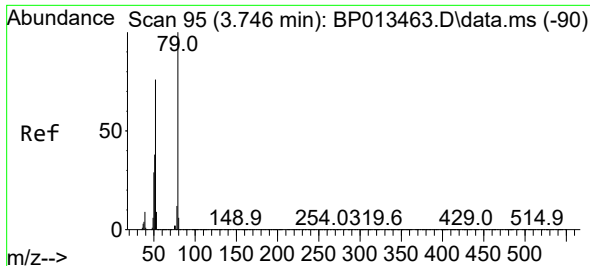
Tgt Ion:152 Resp: 511267  
 Ion Ratio Lower Upper  
 152 100  
 150 153.1 125.7 188.5  
 115 57.6 45.8 68.8



#2  
 1,4-Dioxane  
 Concen: 37.295 ng  
 RT: 3.328 min Scan# 24  
 Delta R.T. -0.006 min  
 Lab File: BP013472.D  
 Acq: 12 Jan 2023 23:08

Tgt Ion: 88 Resp: 425654  
 Ion Ratio Lower Upper  
 88 100  
 58 78.2 63.4 95.0  
 43 31.9 26.2 39.4

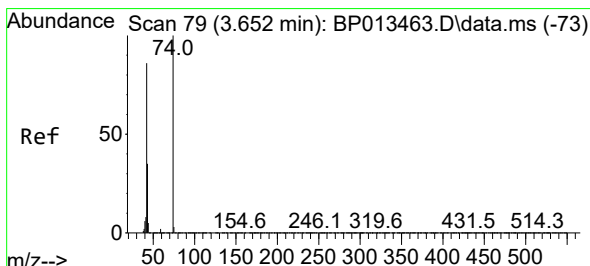
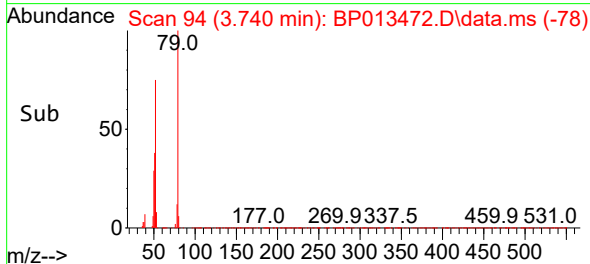
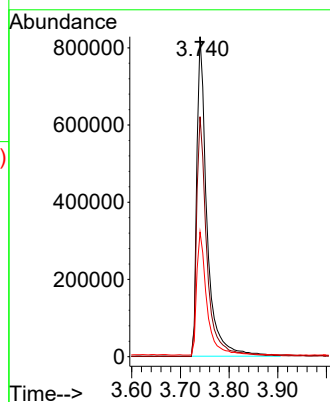
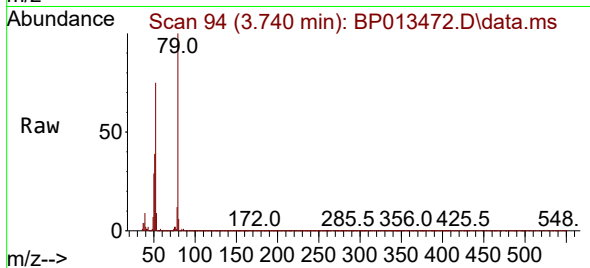




#3  
 Pyridine  
 Concen: 34.254 ng  
 RT: 3.740 min Scan# 94  
 Delta R.T. -0.006 min  
 Lab File: BP013472.D  
 Acq: 12 Jan 2023 23:08

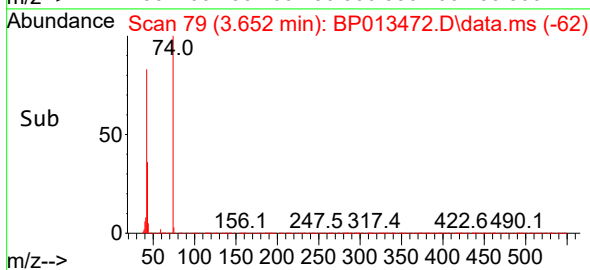
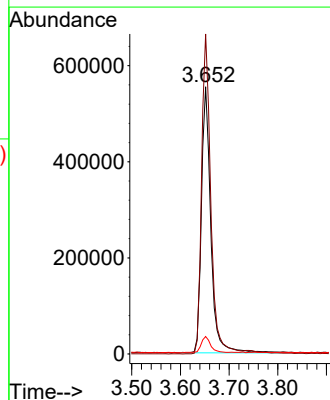
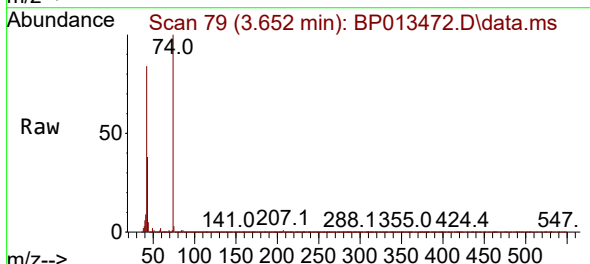
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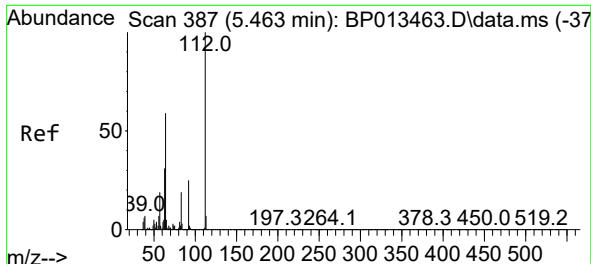
Tgt Ion: 79 Resp: 1218789  
 Ion Ratio Lower Upper  
 79 100  
 52 75.0 60.6 91.0  
 51 39.0 31.0 46.4



#4  
 n-Nitrosodimethylamine  
 Concen: 43.570 ng  
 RT: 3.652 min Scan# 79  
 Delta R.T. 0.000 min  
 Lab File: BP013472.D  
 Acq: 12 Jan 2023 23:08

Tgt Ion: 42 Resp: 743394  
 Ion Ratio Lower Upper  
 42 100  
 74 119.7 93.3 139.9  
 44 6.5 5.1 7.7

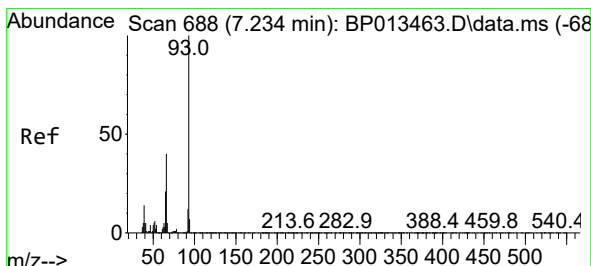
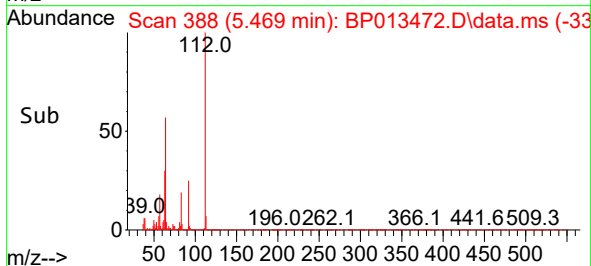
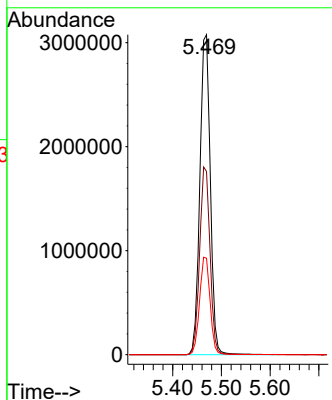
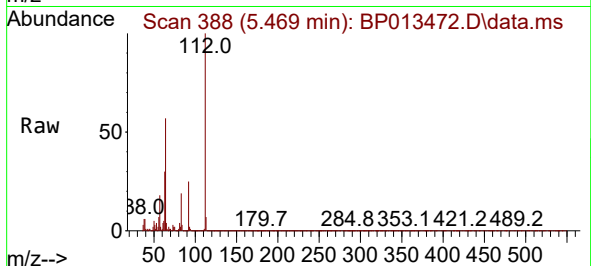




#5  
2-Fluorophenol  
Concen: 157.458 ng  
RT: 5.469 min Scan# 387  
Delta R.T. 0.006 min  
Lab File: BP013472.D  
Acq: 12 Jan 2023 23:08

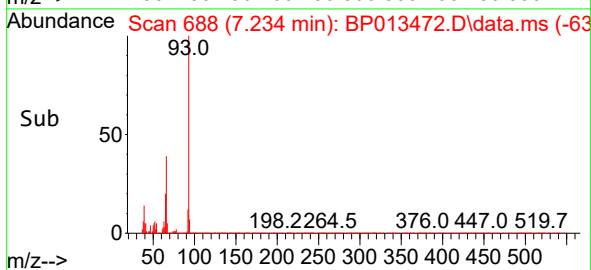
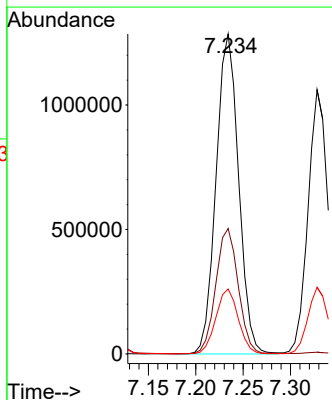
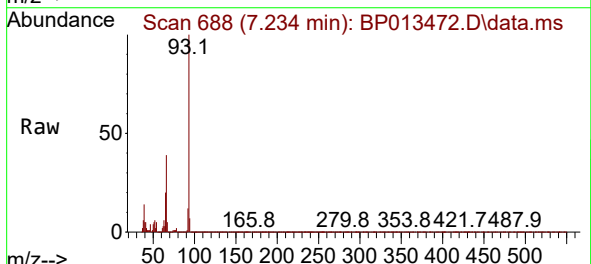
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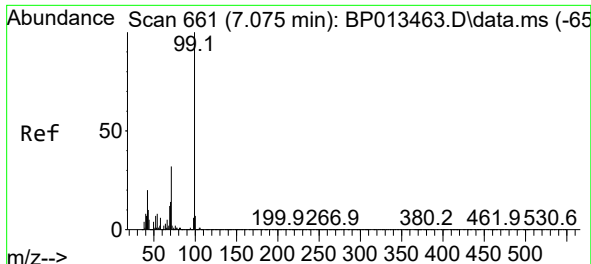
Tgt Ion:112 Resp: 4582838  
Ion Ratio Lower Upper  
112 100  
64 57.3 47.5 71.3  
63 30.1 25.0 37.4



#6  
Aniline  
Concen: 38.617 ng  
RT: 7.234 min Scan# 688  
Delta R.T. 0.000 min  
Lab File: BP013472.D  
Acq: 12 Jan 2023 23:08

Tgt Ion: 93 Resp: 2123038  
Ion Ratio Lower Upper  
93 100  
66 39.2 31.9 47.9  
65 20.3 16.6 25.0





#7

Phenol-d6

Concen: 150.395 ng

RT: 7.081 min Scan# 6

Delta R.T. 0.006 min

Lab File: BP013472.D

Acq: 12 Jan 2023 23:08

Instrument :

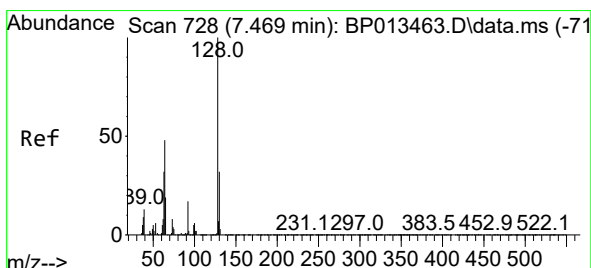
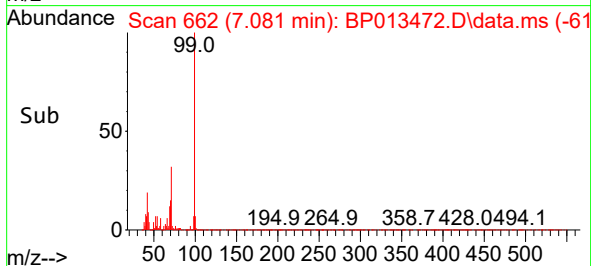
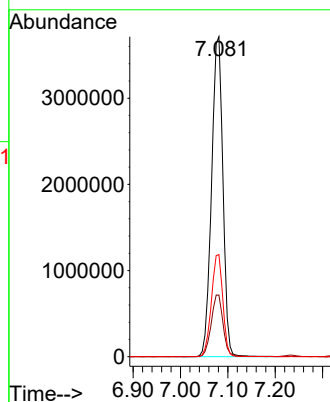
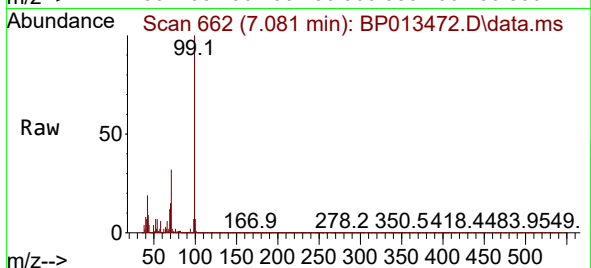
BNA\_P

ClientSampleId :

PB150142BS

Tgt Ion: 99 Resp: 6187394

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 19.3  | 15.8  | 23.6  |
| 71  | 31.9  | 25.6  | 38.4  |



#8

2-Chlorophenol

Concen: 51.186 ng

RT: 7.469 min Scan# 728

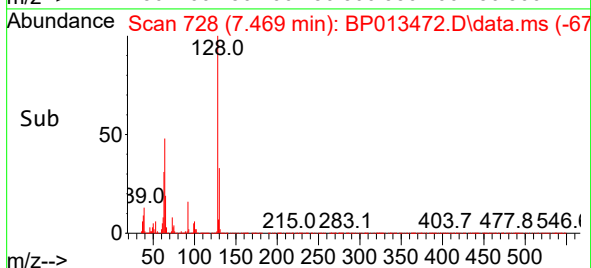
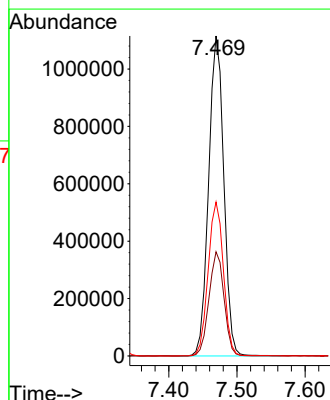
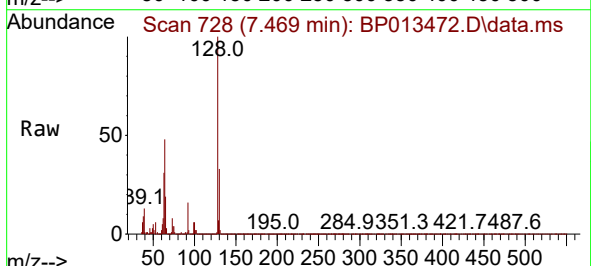
Delta R.T. 0.000 min

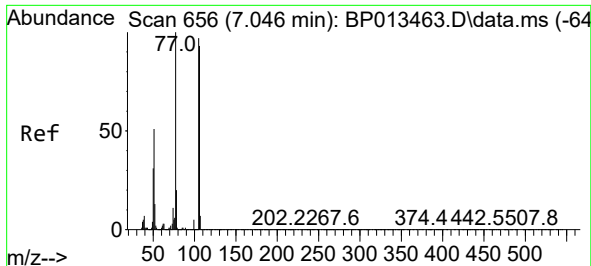
Lab File: BP013472.D

Acq: 12 Jan 2023 23:08

Tgt Ion:128 Resp: 1724125

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.5  | 11.7  | 51.7  |
| 64  | 48.1  | 28.6  | 68.6  |

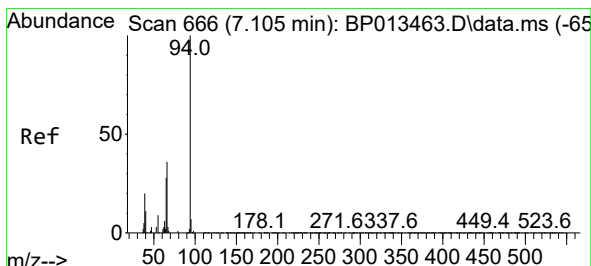
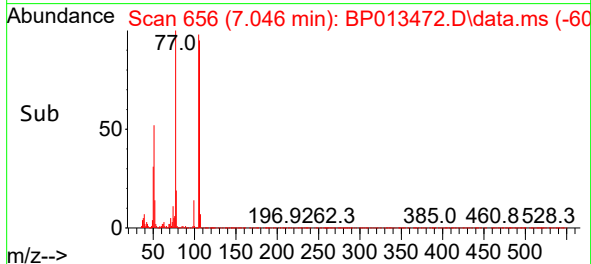
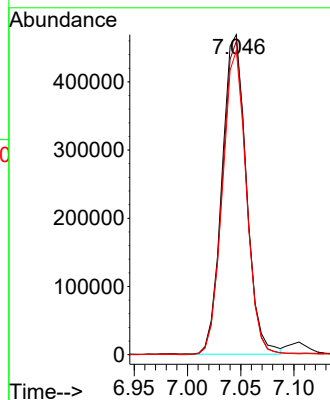
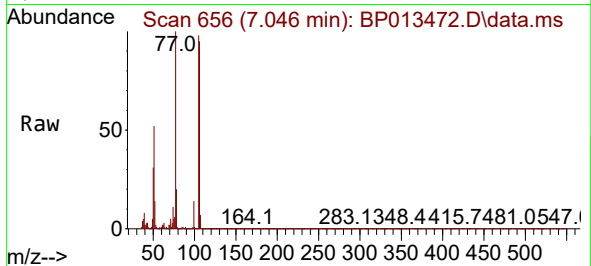




#9  
Benzaldehyde  
Concen: 29.960 ng  
RT: 7.046 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BP013472.D  
Acq: 12 Jan 2023 23:08

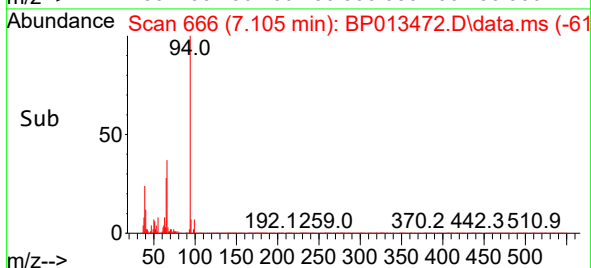
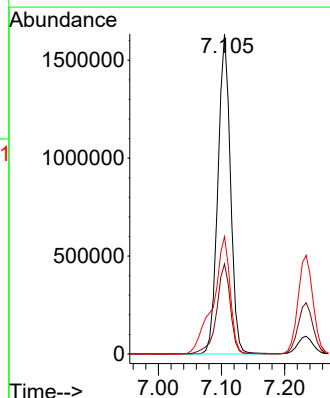
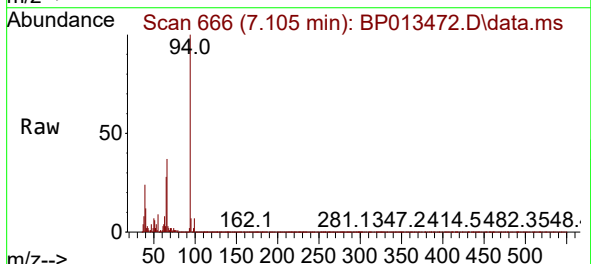
Instrument :  
BNA\_P  
ClientSampleId :  
PB150142BS

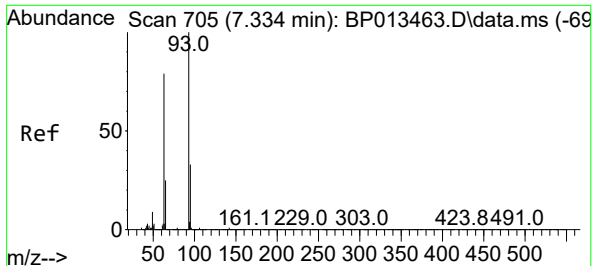
Tgt Ion: 77 Resp: 744061  
Ion Ratio Lower Upper  
77 100  
105 98.0 77.3 117.3  
106 95.0 73.1 113.1



#10  
Phenol  
Concen: 53.066 ng  
RT: 7.105 min Scan# 666  
Delta R.T. 0.000 min  
Lab File: BP013472.D  
Acq: 12 Jan 2023 23:08

Tgt Ion: 94 Resp: 2253462  
Ion Ratio Lower Upper  
94 100  
65 28.2 8.3 48.3  
66 36.6 16.6 56.6

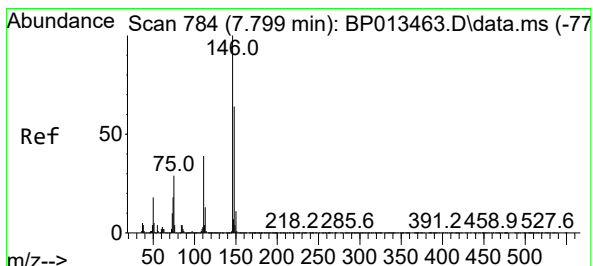
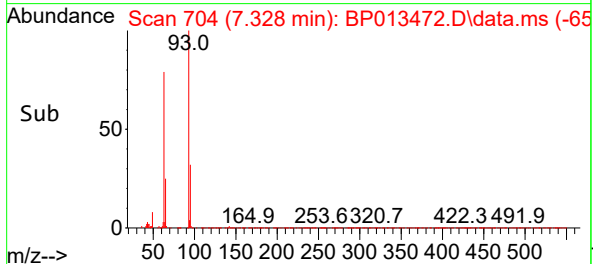
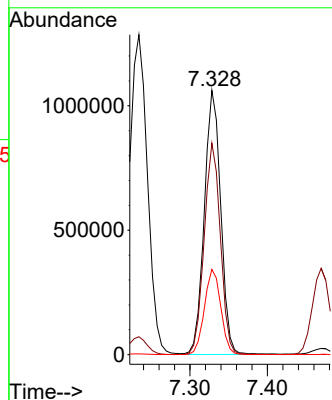
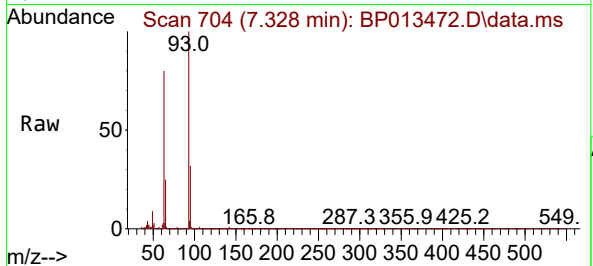




#11  
bis(2-Chloroethyl)ether  
Concen: 45.416 ng  
RT: 7.328 min Scan# 704  
Delta R.T. -0.006 min  
Lab File: BP013472.D  
Acq: 12 Jan 2023 23:08

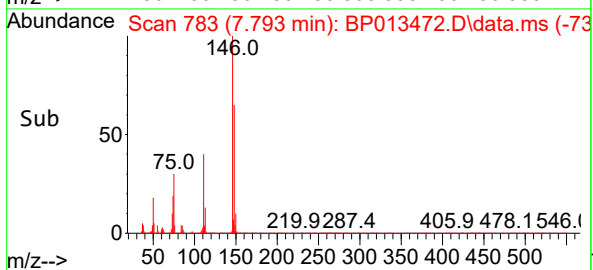
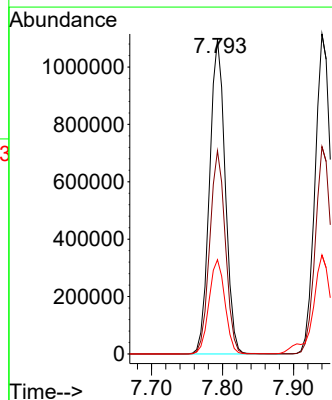
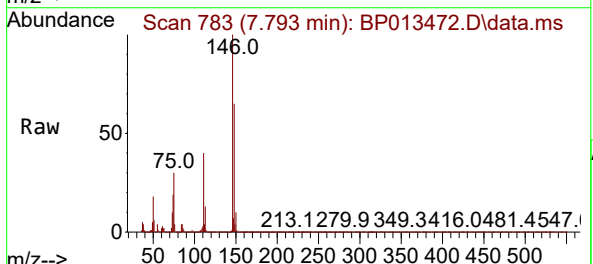
Instrument :  
BNA\_P  
ClientSampleId :  
PB150142BS

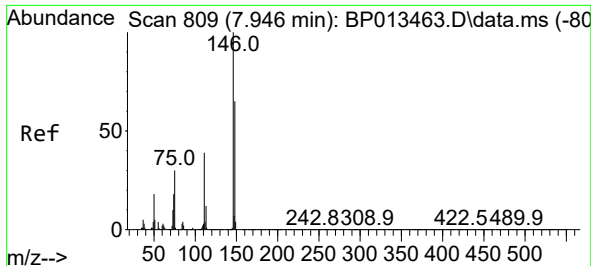
Tgt Ion: 93 Resp: 1563326  
Ion Ratio Lower Upper  
93 100  
63 80.0 59.3 99.3  
95 32.3 12.8 52.8



#12  
1,3-Dichlorobenzene  
Concen: 47.401 ng  
RT: 7.793 min Scan# 783  
Delta R.T. -0.006 min  
Lab File: BP013472.D  
Acq: 12 Jan 2023 23:08

Tgt Ion:146 Resp: 1682127  
Ion Ratio Lower Upper  
146 100  
148 64.6 51.5 77.3  
75 30.0 23.6 35.4

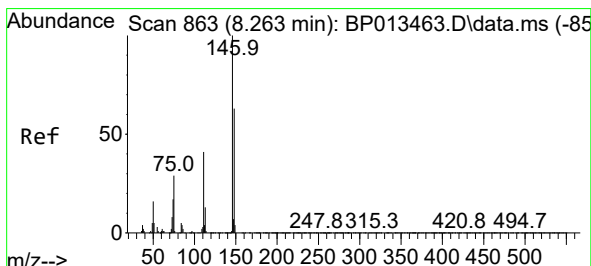
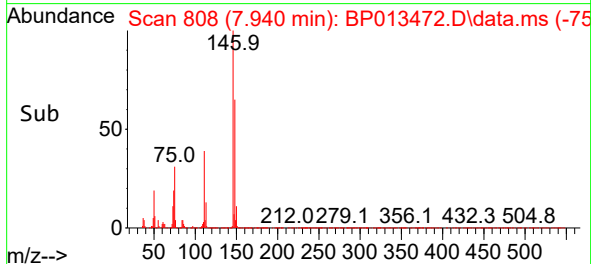
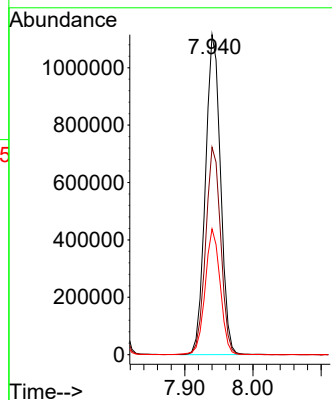
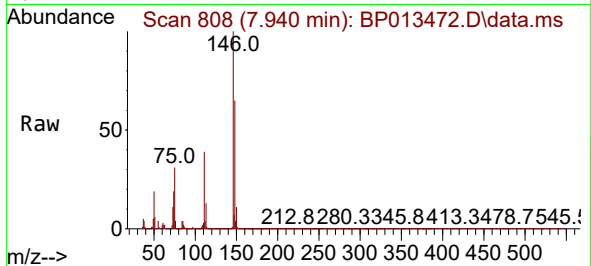




#13  
1,4-Dichlorobenzene  
Concen: 47.554 ng  
RT: 7.940 min Scan# 809  
Delta R.T. -0.006 min  
Lab File: BP013472.D  
Acq: 12 Jan 2023 23:08

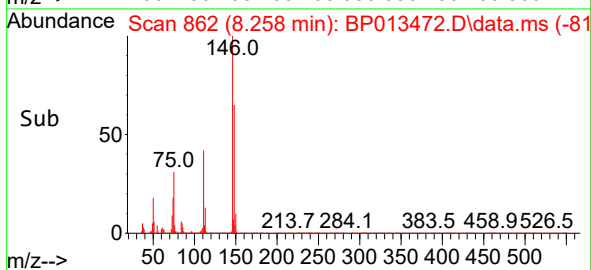
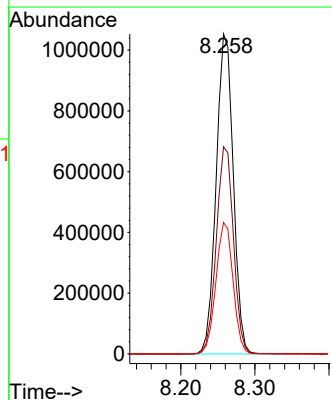
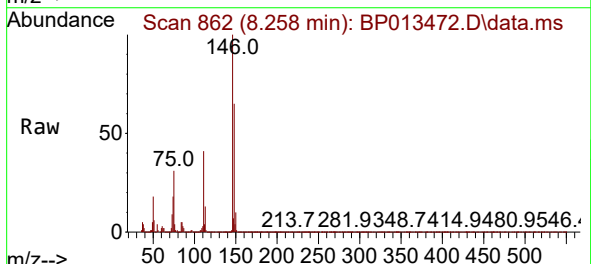
Instrument :  
BNA\_P  
ClientSampleId :  
PB150142BS

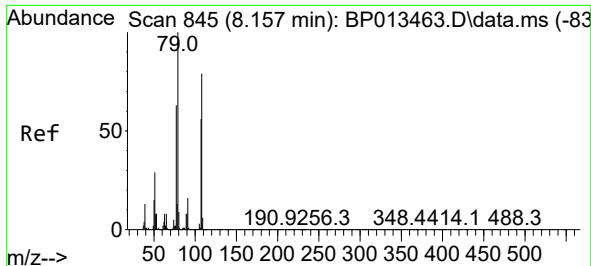
Tgt Ion:146 Resp: 1719898  
Ion Ratio Lower Upper  
146 100  
148 64.8 52.0 78.0  
111 39.3 31.4 47.2



#14  
1,2-Dichlorobenzene  
Concen: 47.704 ng  
RT: 8.258 min Scan# 862  
Delta R.T. -0.006 min  
Lab File: BP013472.D  
Acq: 12 Jan 2023 23:08

Tgt Ion:146 Resp: 1685546  
Ion Ratio Lower Upper  
146 100  
148 64.7 50.9 76.3  
111 41.1 32.7 49.1

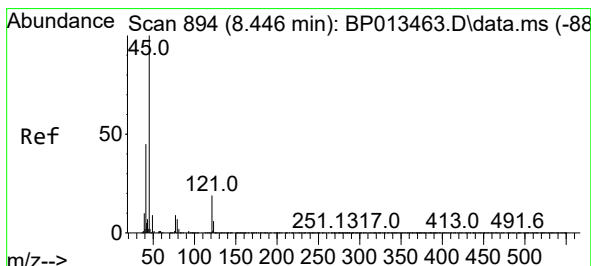
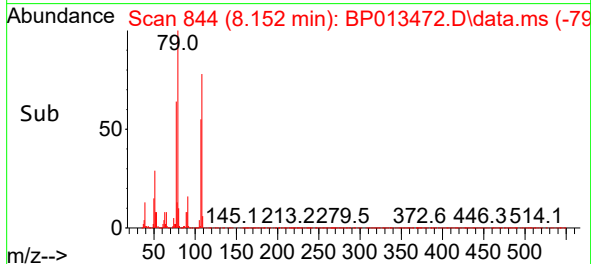
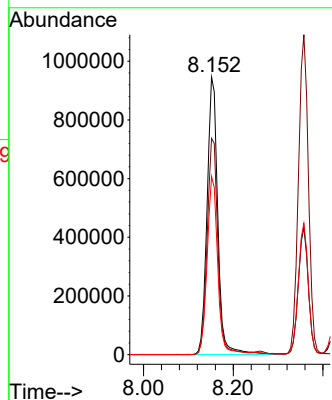
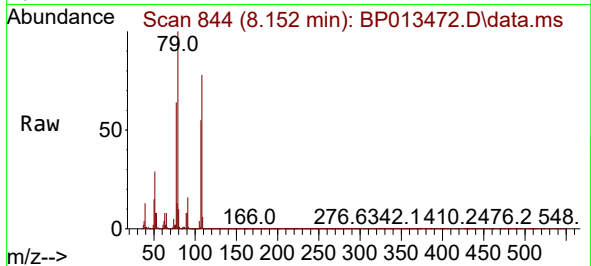




#15  
Benzyl Alcohol  
Concen: 49.509 ng  
RT: 8.152 min Scan# 845  
Delta R.T. -0.006 min  
Lab File: BP013472.D  
Acq: 12 Jan 2023 23:08

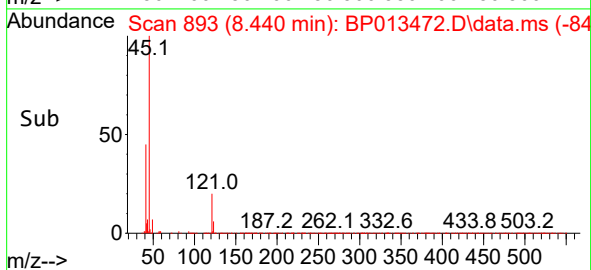
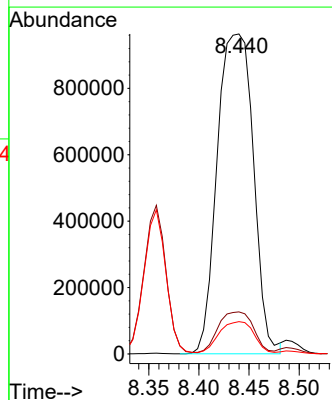
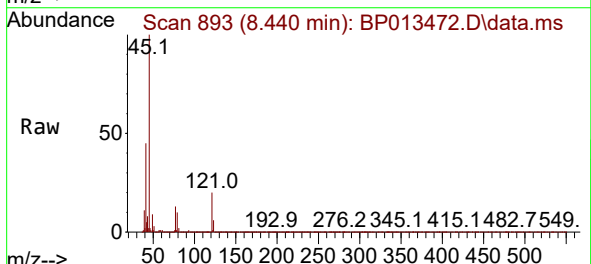
Instrument :  
BNA\_P  
ClientSampleId :  
PB150142BS

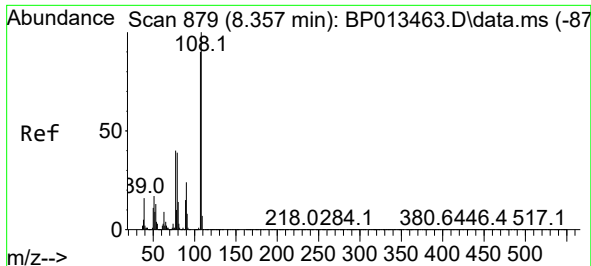
Tgt Ion: 79 Resp: 1569454  
Ion Ratio Lower Upper  
79 100  
108 78.0 63.2 94.8  
77 64.2 50.5 75.7



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 45.376 ng  
RT: 8.440 min Scan# 893  
Delta R.T. -0.006 min  
Lab File: BP013472.D  
Acq: 12 Jan 2023 23:08

Tgt Ion: 45 Resp: 2416542  
Ion Ratio Lower Upper  
45 100  
77 13.2 0.0 32.8  
79 10.1 0.0 30.3

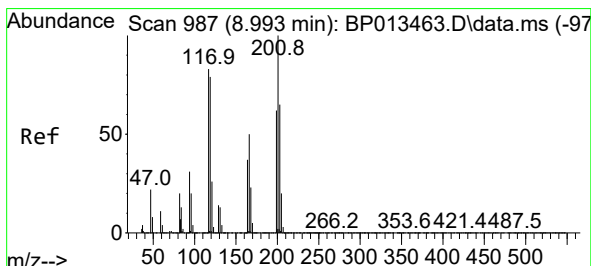
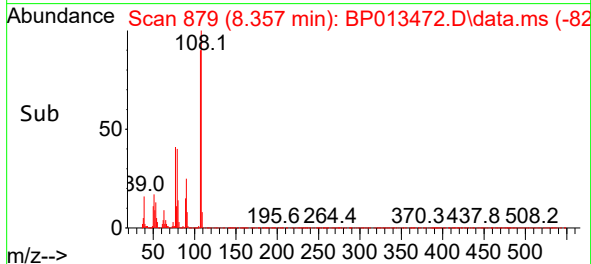
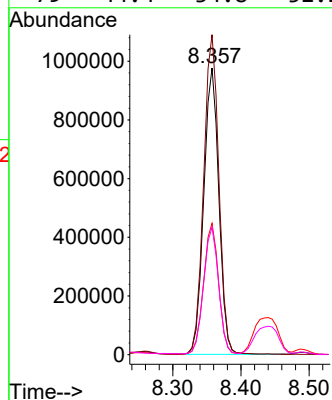
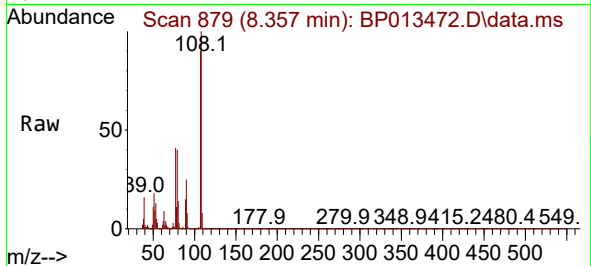




#17  
2-Methylphenol  
Concen: 47.818 ng  
RT: 8.357 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BP013472.D  
Acq: 12 Jan 2023 23:08

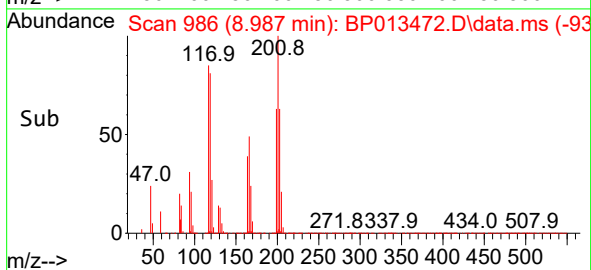
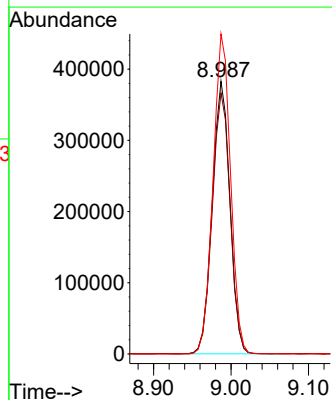
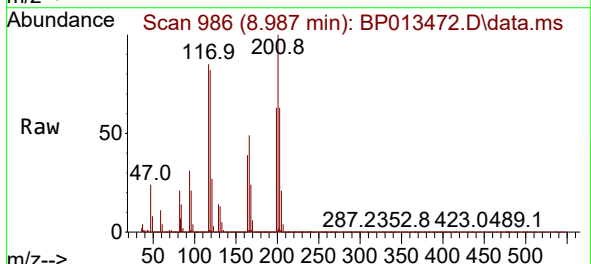
Instrument :  
BNA\_P  
ClientSampleId :  
PB150142BS

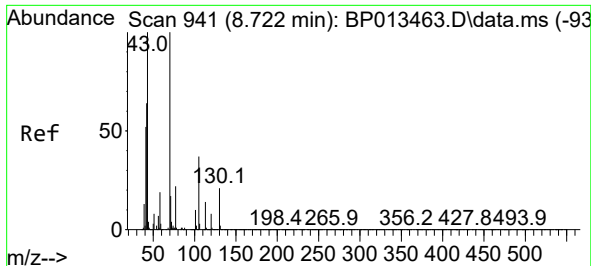
Tgt Ion:107 Resp: 1503203  
Ion Ratio Lower Upper  
107 100  
108 111.6 88.8 133.2  
77 45.8 35.8 53.8  
79 44.4 34.8 52.2



#18  
Hexachloroethane  
Concen: 47.502 ng  
RT: 8.987 min Scan# 986  
Delta R.T. -0.006 min  
Lab File: BP013472.D  
Acq: 12 Jan 2023 23:08

Tgt Ion:117 Resp: 608409  
Ion Ratio Lower Upper  
117 100  
119 95.8 75.8 113.8  
201 117.4 95.8 143.8

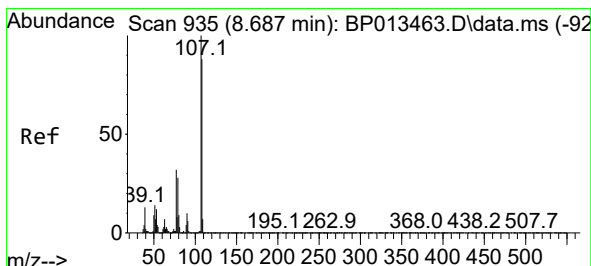
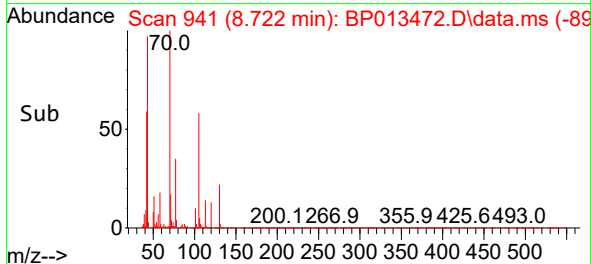
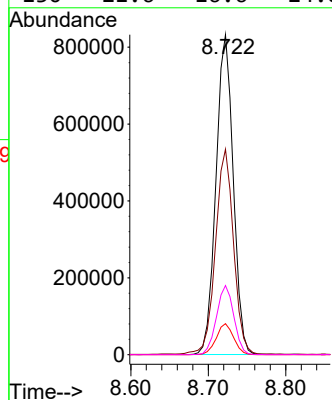
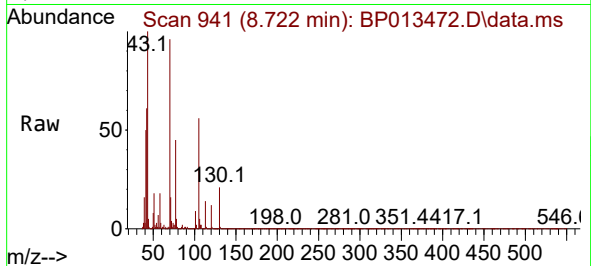




#19  
n-Nitroso-di-n-propylamine  
Concen: 43.942 ng  
RT: 8.722 min Scan# 941  
Delta R.T. 0.000 min  
Lab File: BP013472.D  
Acq: 12 Jan 2023 23:08

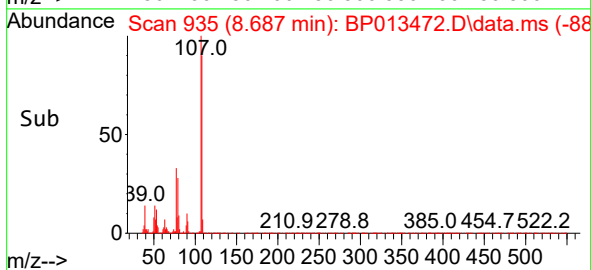
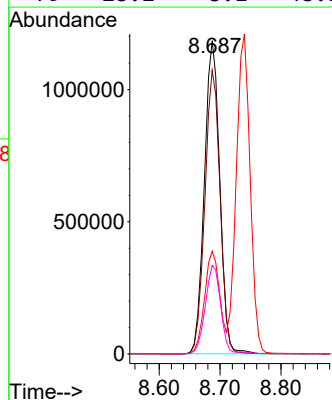
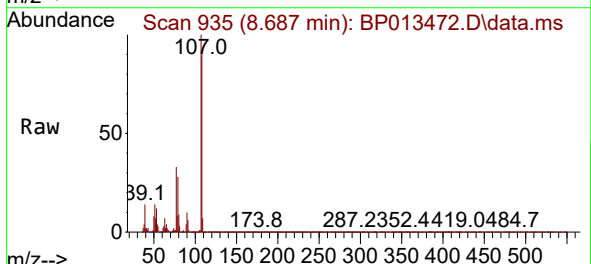
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BNA\_P  
ClientSampleId :  
PB150142BS

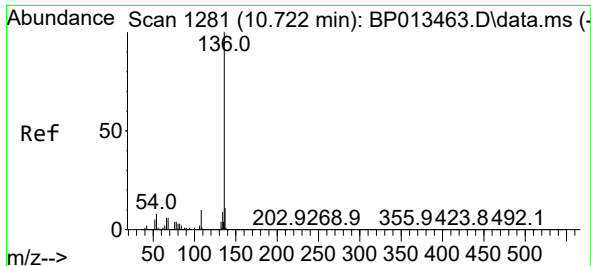
Tgt Ion: 70 Resp: 1290331  
Ion Ratio Lower Upper  
70 100  
42 64.2 51.1 76.7  
101 9.7 7.8 11.8  
130 21.6 16.6 24.8



#20  
3+4-Methylphenols  
Concen: 47.617 ng  
RT: 8.687 min Scan# 935  
Delta R.T. 0.000 min  
Lab File: BP013472.D  
Acq: 12 Jan 2023 23:08

Tgt Ion:107 Resp: 2079667  
Ion Ratio Lower Upper  
107 100  
108 90.5 68.1 108.1  
77 32.8 12.3 52.3  
79 28.2 8.1 48.1

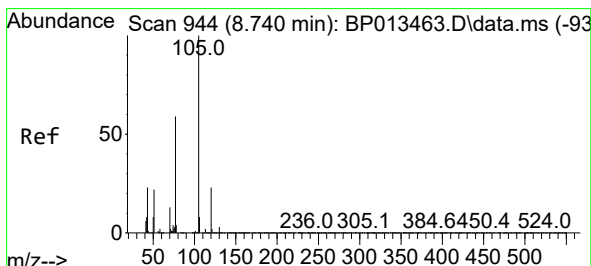
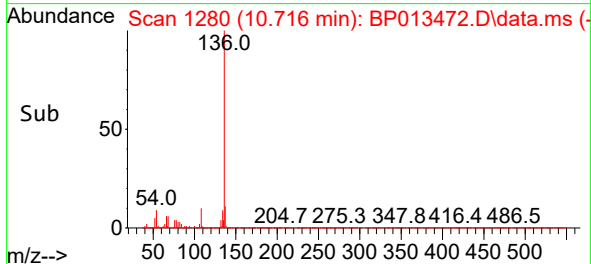
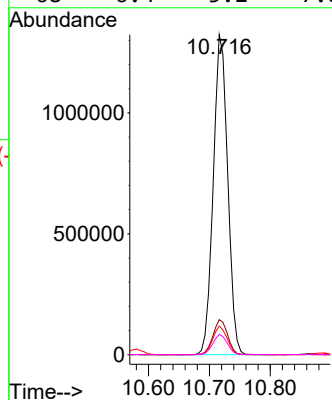
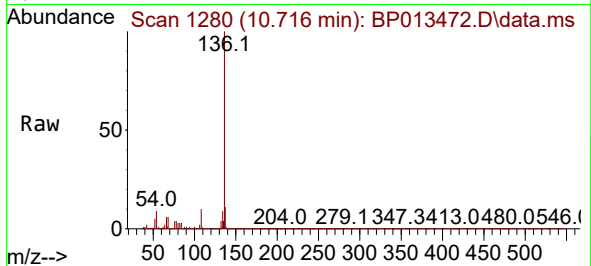




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.716 min Scan# 1280  
Delta R.T. -0.006 min  
Lab File: BP013472.D  
Acq: 12 Jan 2023 23:08

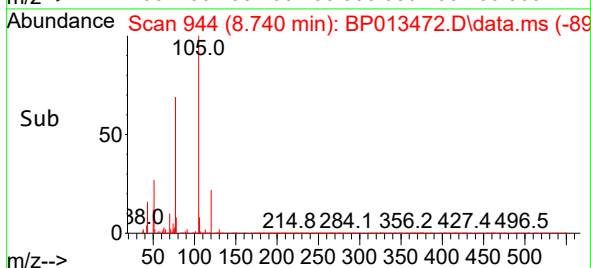
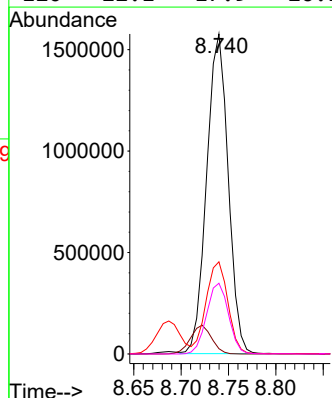
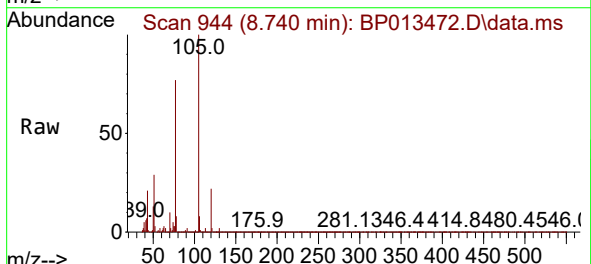
Instrument :  
BNA\_P  
ClientSampleId :  
PB150142BS

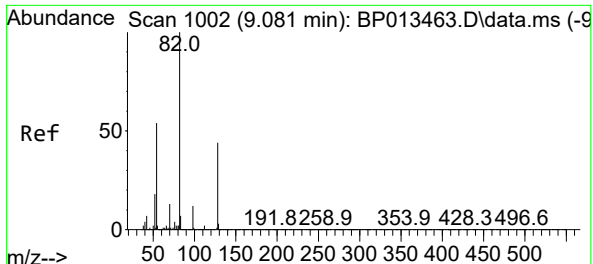
Tgt Ion:136 Resp: 2178014  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.8 13.2  
54 9.0 6.6 10.0  
68 6.4 5.2 7.8



#22  
Acetophenone  
Concen: 44.615 ng  
RT: 8.740 min Scan# 944  
Delta R.T. 0.000 min  
Lab File: BP013472.D  
Acq: 12 Jan 2023 23:08

Tgt Ion:105 Resp: 2488492  
Ion Ratio Lower Upper  
105 100  
71 1.6 2.1 3.1#  
51 28.8 23.3 34.9  
120 22.1 17.9 26.9

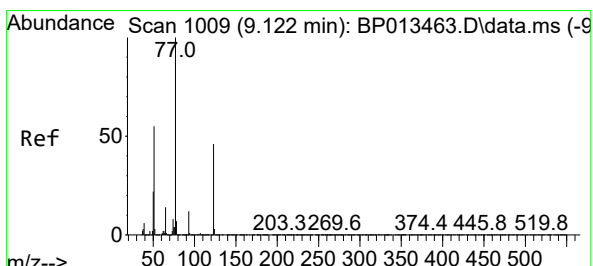
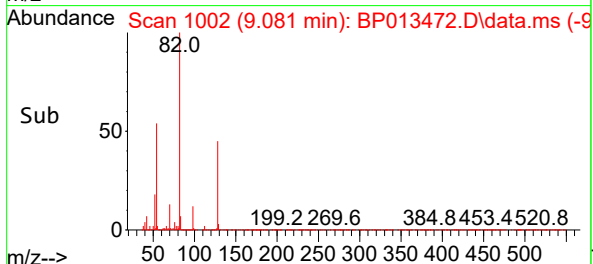
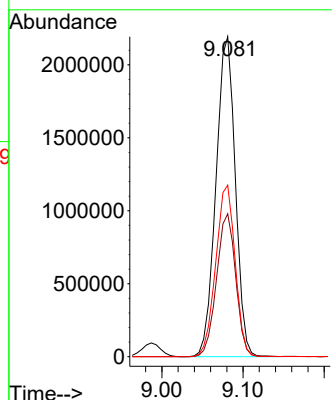
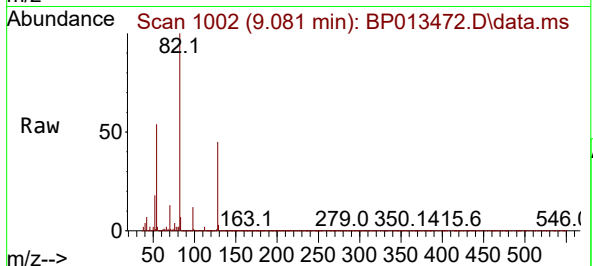




#23  
Nitrobenzene-d5  
Concen: 88.547 ng  
RT: 9.081 min Scan# 1002  
Delta R.T. 0.000 min  
Lab File: BP013472.D  
Acq: 12 Jan 2023 23:08

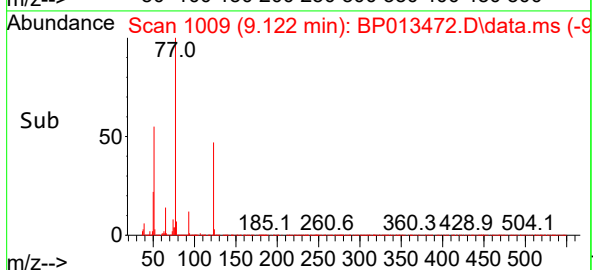
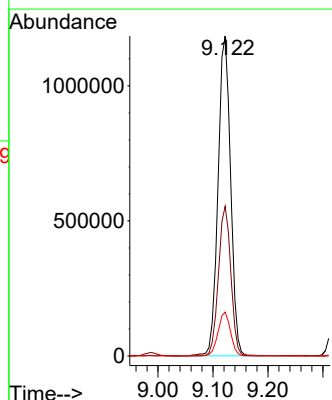
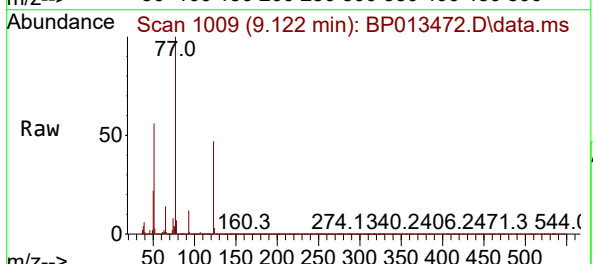
Instrument :  
BNA\_P  
ClientSampleId :  
PB150142BS

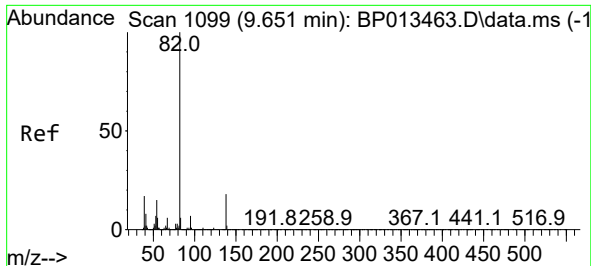
Tgt Ion: 82 Resp: 3630031  
Ion Ratio Lower Upper  
82 100  
128 44.6 35.4 53.0  
54 53.6 42.8 64.2



#24  
Nitrobenzene  
Concen: 44.296 ng  
RT: 9.122 min Scan# 1009  
Delta R.T. 0.000 min  
Lab File: BP013472.D  
Acq: 12 Jan 2023 23:08

Tgt Ion: 77 Resp: 1878381  
Ion Ratio Lower Upper  
77 100  
123 46.8 36.5 54.7  
65 13.7 11.0 16.6

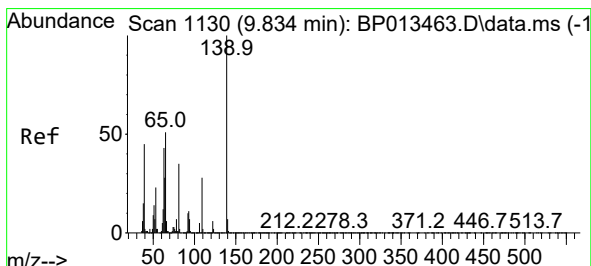
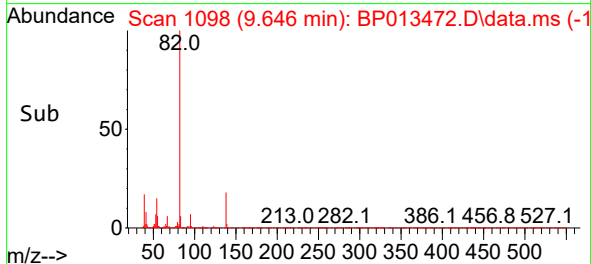
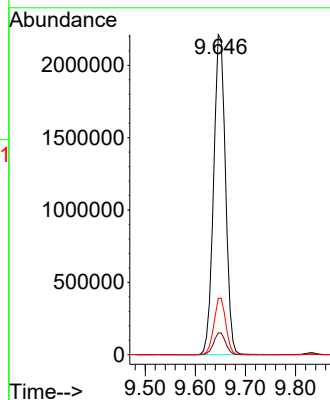
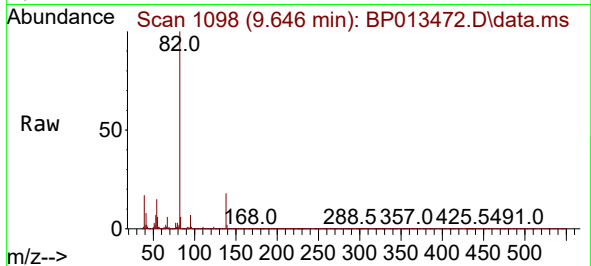




#25  
Isophorone  
Concen: 43.012 ng  
RT: 9.646 min Scan# 1099  
Delta R.T. -0.006 min  
Lab File: BP013472.D  
Acq: 12 Jan 2023 23:08

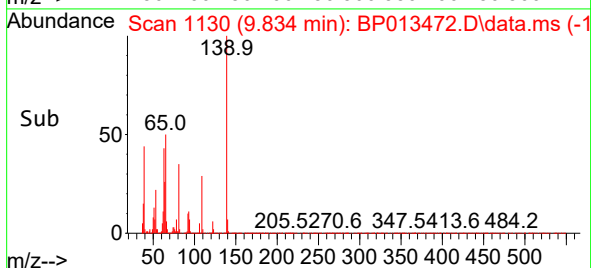
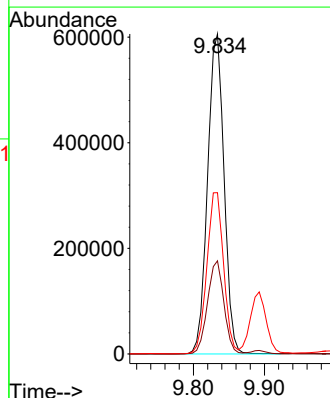
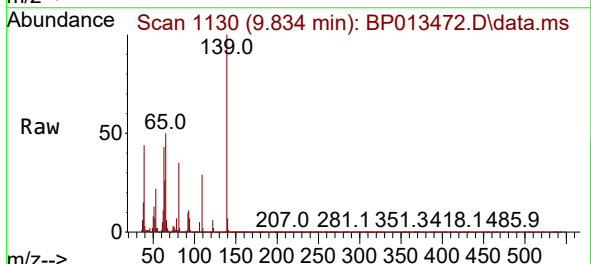
Instrument :  
BNA\_P  
ClientSampleId :  
PB150142BS

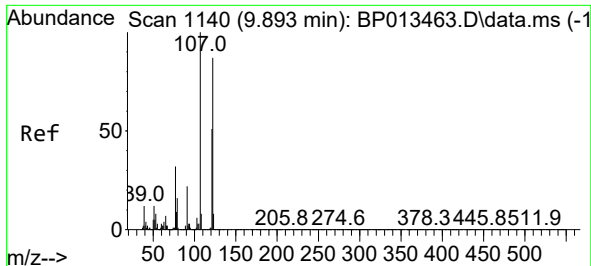
Tgt Ion: 82 Resp: 3629559  
Ion Ratio Lower Upper  
82 100  
95 6.8 5.4 8.0  
138 17.6 14.5 21.7



#26  
2-Nitrophenol  
Concen: 46.634 ng  
RT: 9.834 min Scan# 1130  
Delta R.T. 0.000 min  
Lab File: BP013472.D  
Acq: 12 Jan 2023 23:08

Tgt Ion: 139 Resp: 977538  
Ion Ratio Lower Upper  
139 100  
109 29.1 22.5 33.7  
65 50.4 41.0 61.4





#27

2,4-Dimethylphenol

Concen: 49.877 ng

RT: 9.893 min Scan# 1140

Delta R.T. 0.000 min

Lab File: BP013472.D

Acq: 12 Jan 2023 23:08

Instrument :

BNA\_P

ClientSampleId :

PB150142BS

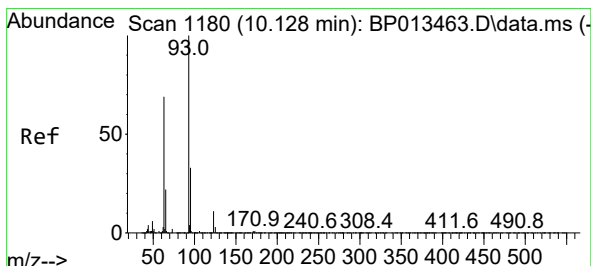
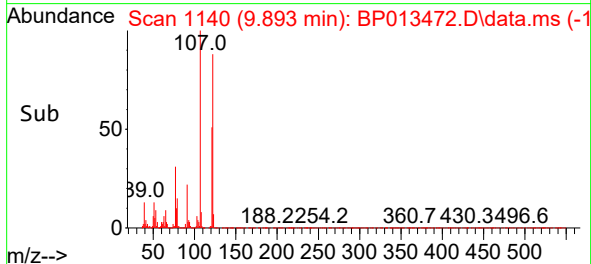
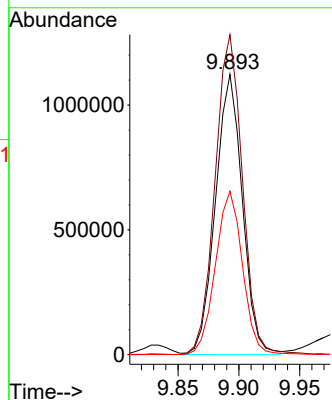
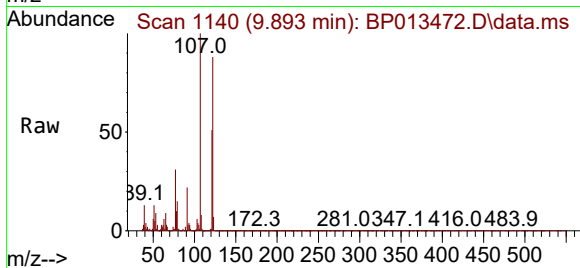
Tgt Ion:122 Resp: 1721146

Ion Ratio Lower Upper

122 100

107 114.1 91.6 137.4

121 58.3 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 44.681 ng

RT: 10.128 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BP013472.D

Acq: 12 Jan 2023 23:08

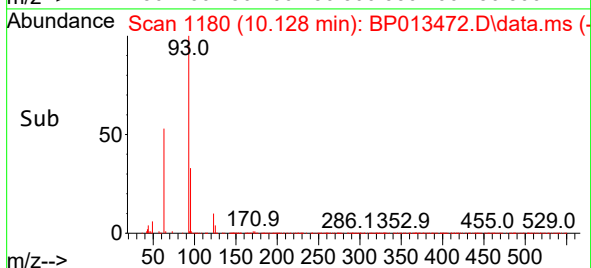
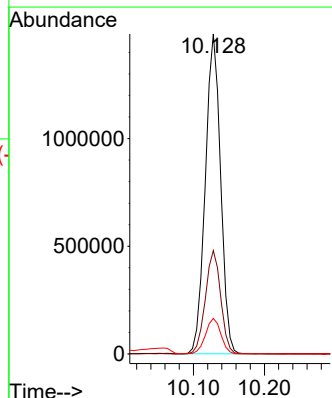
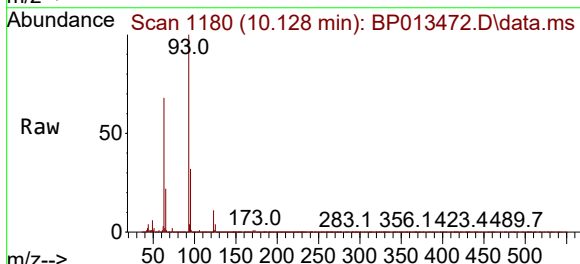
Tgt Ion: 93 Resp: 2223734

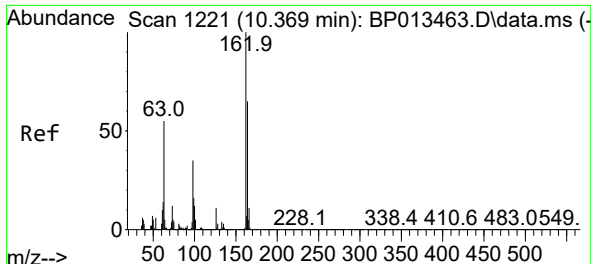
Ion Ratio Lower Upper

93 100

95 32.3 26.1 39.1

123 11.1 9.2 13.8

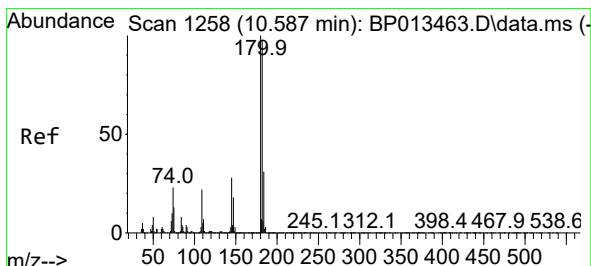
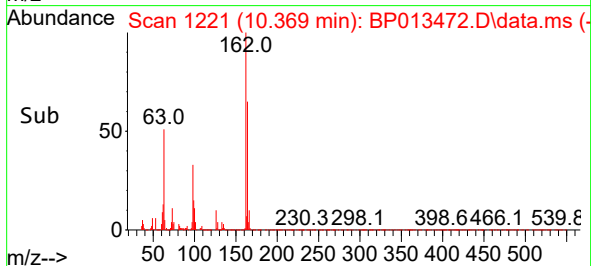
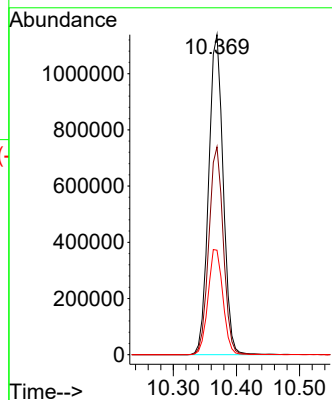
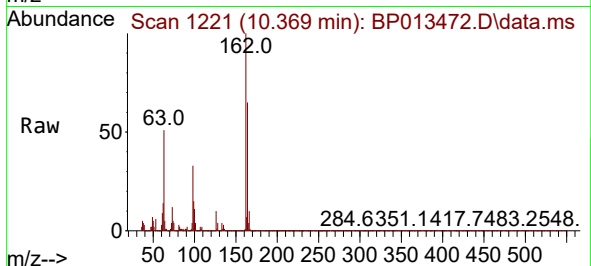




#29  
2,4-Dichlorophenol  
Concen: 50.153 ng  
RT: 10.369 min Scan# 1221  
Delta R.T. 0.000 min  
Lab File: BP013472.D  
Acq: 12 Jan 2023 23:08

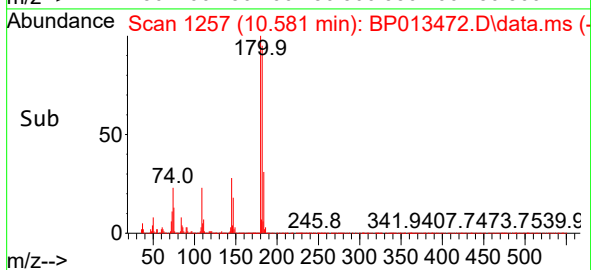
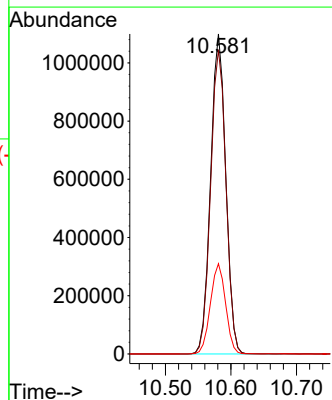
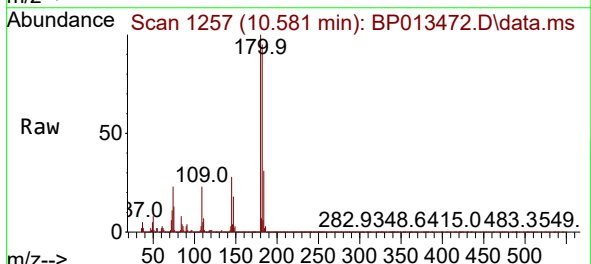
Instrument :  
BNA\_P  
ClientSampleId :  
PB150142BS

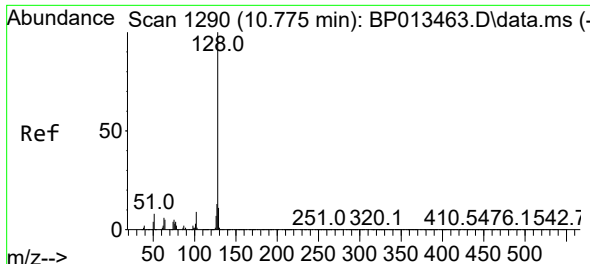
Tgt Ion:162 Resp: 1816057  
Ion Ratio Lower Upper  
162 100  
164 65.0 45.4 85.4  
98 32.6 14.8 54.8



#30  
1,2,4-Trichlorobenzene  
Concen: 46.153 ng  
RT: 10.581 min Scan# 1257  
Delta R.T. -0.006 min  
Lab File: BP013472.D  
Acq: 12 Jan 2023 23:08

Tgt Ion:180 Resp: 1768671  
Ion Ratio Lower Upper  
180 100  
182 95.0 77.3 115.9  
145 28.2 22.8 34.2

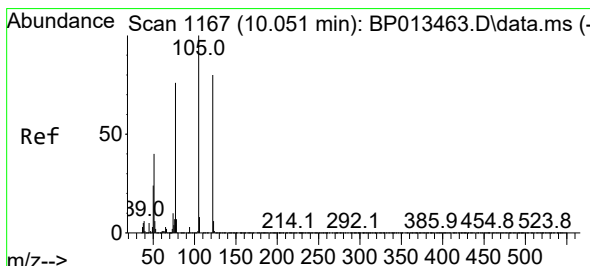
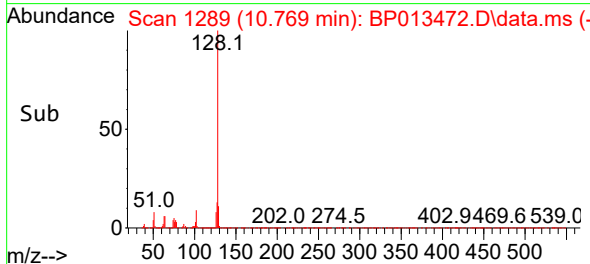
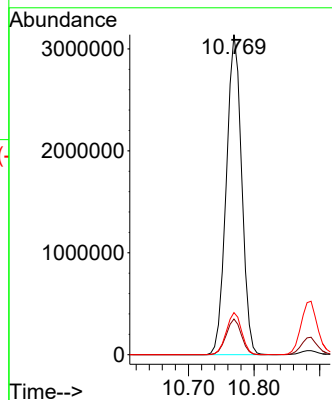
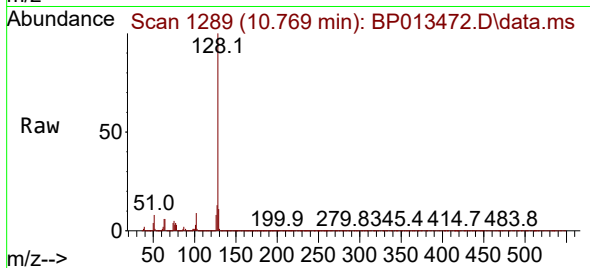




#31  
Naphthalene  
Concen: 44.230 ng  
RT: 10.769 min Scan# 1167  
Delta R.T. -0.006 min  
Lab File: BP013472.D  
Acq: 12 Jan 2023 23:08

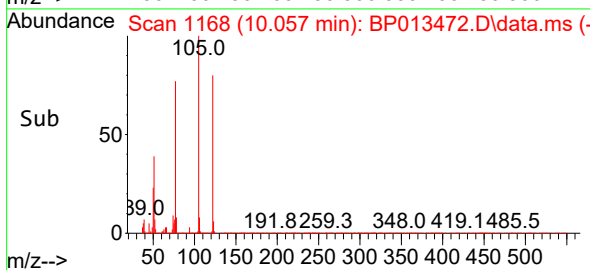
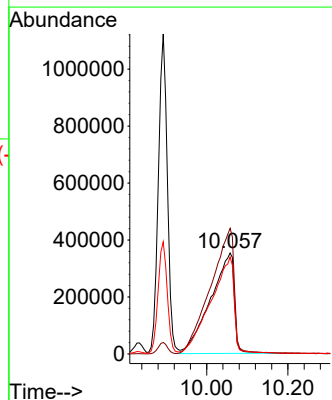
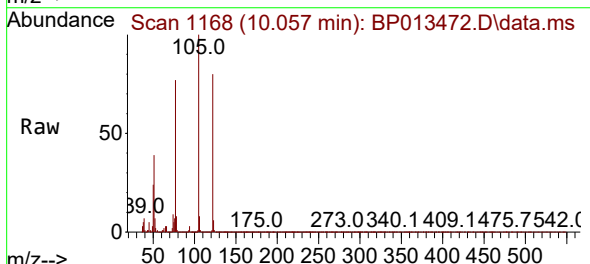
Instrument :  
BNA\_P  
ClientSampleId :  
PB150142BS

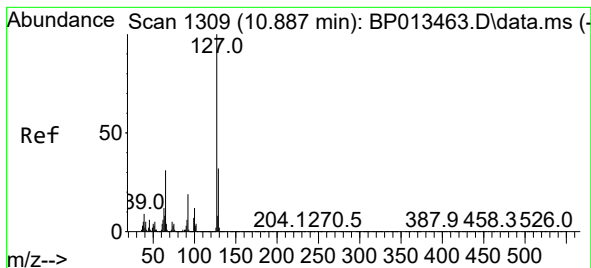
Tgt Ion:128 Resp: 5094059  
Ion Ratio Lower Upper  
128 100  
129 11.2 8.9 13.3  
127 13.2 10.6 16.0



#32  
Benzoic acid  
Concen: 49.944 ng  
RT: 10.057 min Scan# 1168  
Delta R.T. 0.006 min  
Lab File: BP013472.D  
Acq: 12 Jan 2023 23:08

Tgt Ion:122 Resp: 1437491  
Ion Ratio Lower Upper  
122 100  
105 124.4 102.7 142.7  
77 96.1 74.0 114.0





#33

4-Chloroaniline

Concen: 17.787 ng

RT: 10.887 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP013472.D

Acq: 12 Jan 2023 23:08

Instrument :

BNA\_P

ClientSampleId :

PB150142BS

Tgt Ion:127 Resp: 935819

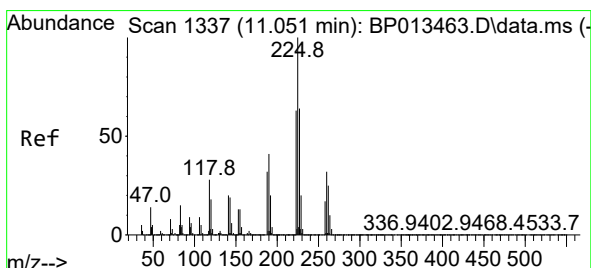
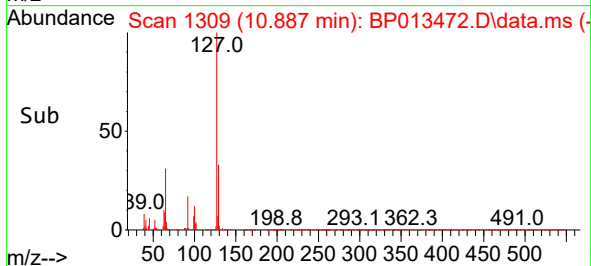
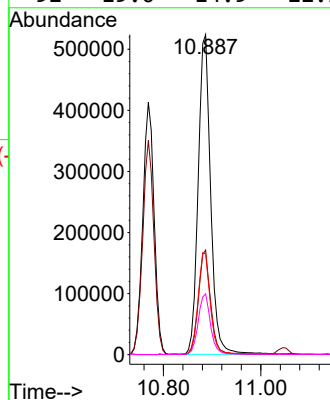
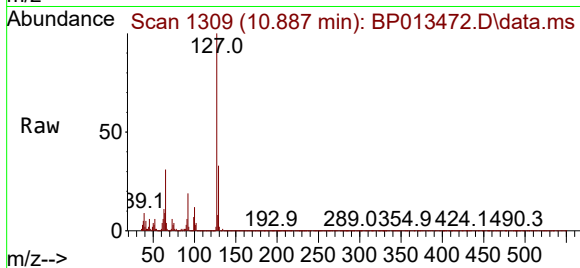
Ion Ratio Lower Upper

127 100

129 32.7 25.6 38.4

65 31.5 25.2 37.8

92 19.0 14.9 22.3



#34

Hexachlorobutadiene

Concen: 44.971 ng

RT: 11.046 min Scan# 1336

Delta R.T. -0.006 min

Lab File: BP013472.D

Acq: 12 Jan 2023 23:08

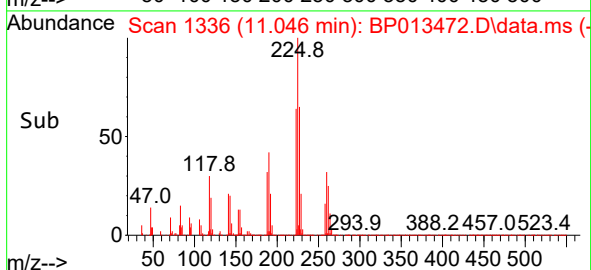
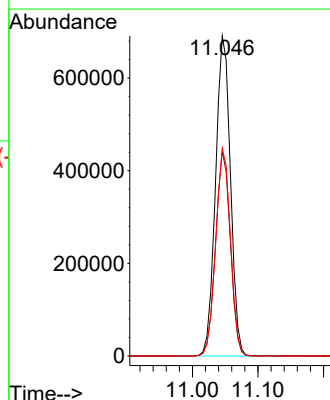
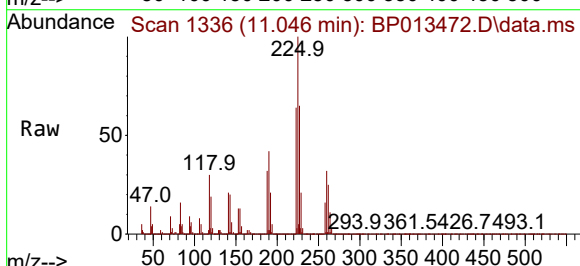
Tgt Ion:225 Resp: 1086356

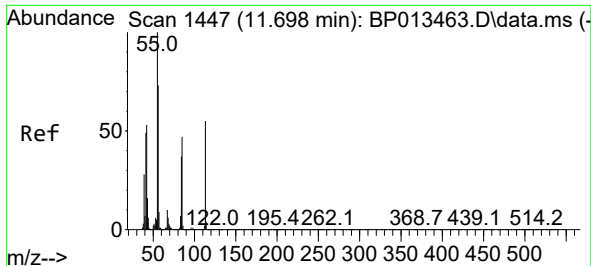
Ion Ratio Lower Upper

225 100

223 64.0 50.0 75.0

227 64.9 51.0 76.6

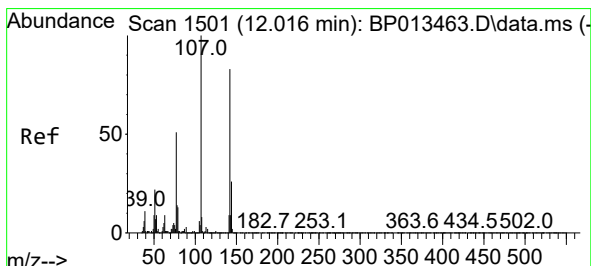
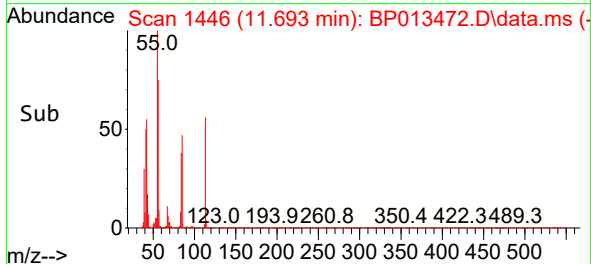
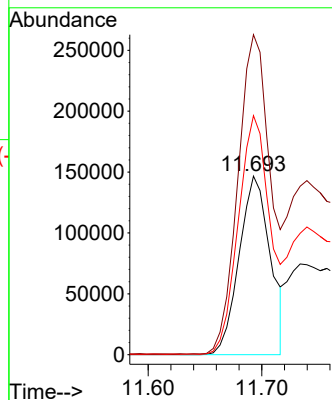
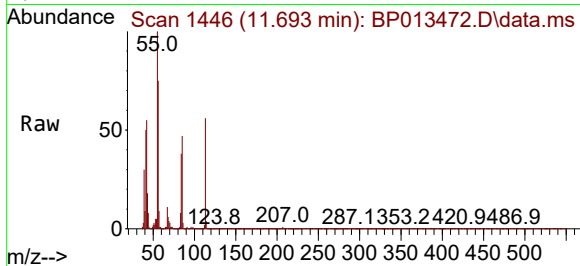




#35  
Caprolactam  
Concen: 21.659 ng  
RT: 11.693 min Scan# 1446  
Delta R.T. -0.006 min  
Lab File: BP013472.D  
Acq: 12 Jan 2023 23:08

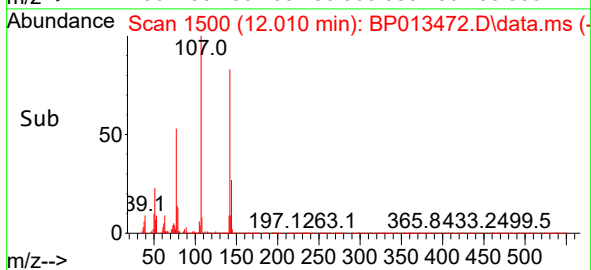
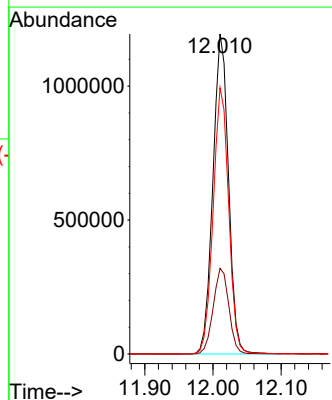
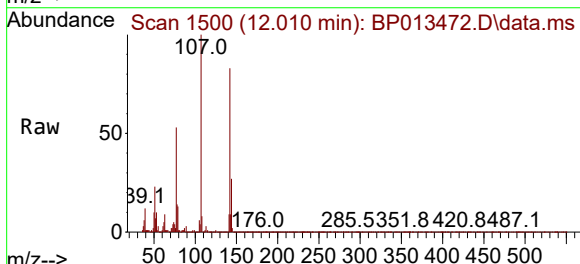
Instrument :  
BNA\_P  
ClientSampleId :  
PB150142BS

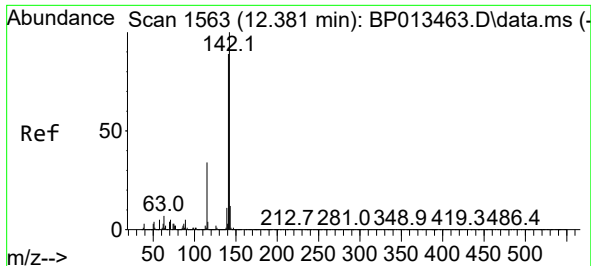
Tgt Ion:113 Resp: 279454  
Ion Ratio Lower Upper  
113 100  
55 179.2 163.1 203.1  
56 133.9 113.0 153.0



#36  
4-Chloro-3-methylphenol  
Concen: 48.075 ng  
RT: 12.010 min Scan# 1500  
Delta R.T. -0.006 min  
Lab File: BP013472.D  
Acq: 12 Jan 2023 23:08

Tgt Ion:107 Resp: 1896980  
Ion Ratio Lower Upper  
107 100  
144 26.7 21.2 31.8  
142 83.2 66.0 99.0

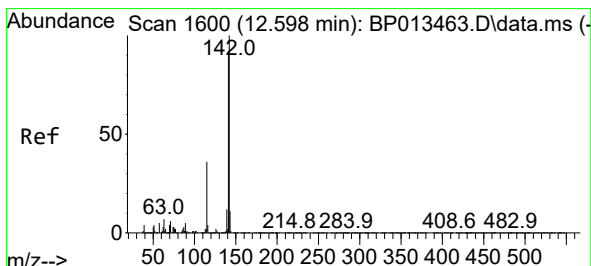
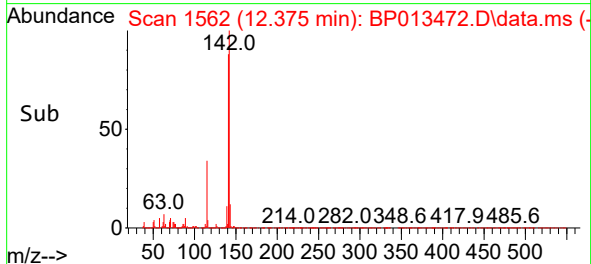
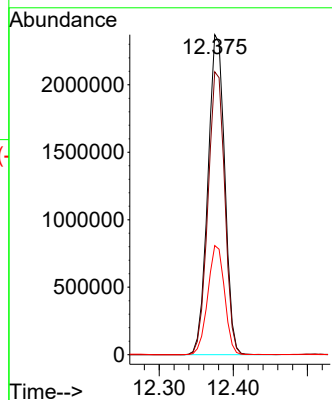
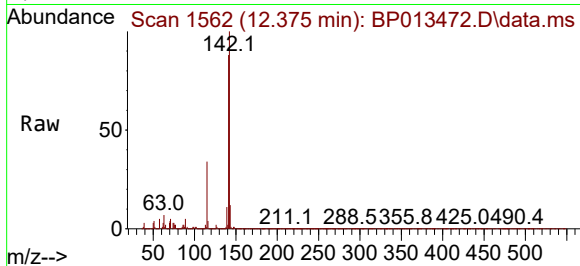




#37  
2-Methylnaphthalene  
Concen: 43.363 ng  
RT: 12.375 min Scan# 1562  
Delta R.T. -0.006 min  
Lab File: BP013472.D  
Acq: 12 Jan 2023 23:08

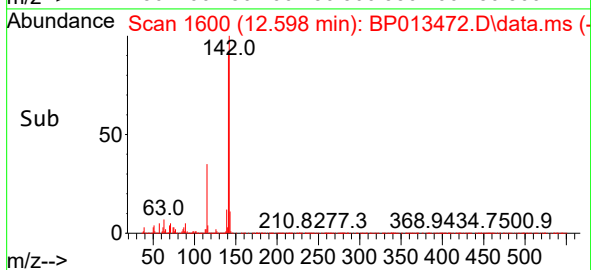
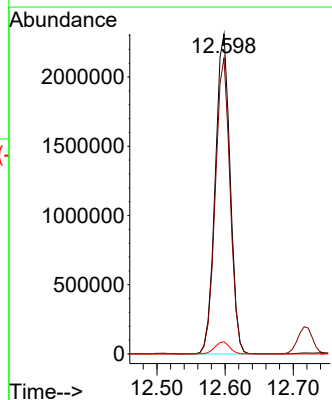
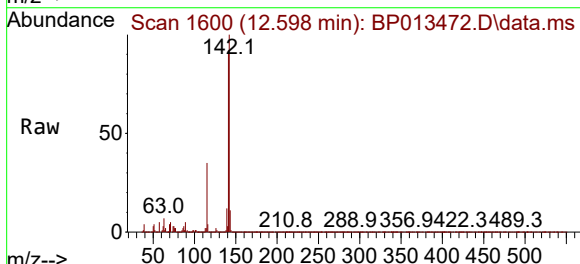
Instrument :  
BNA\_P  
ClientSampleId :  
PB150142BS

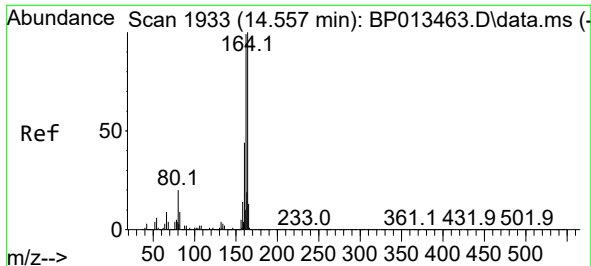
Tgt Ion:142 Resp: 3749403  
Ion Ratio Lower Upper  
142 100  
141 88.4 71.1 106.7  
115 34.1 27.6 41.4



#38  
1-Methylnaphthalene  
Concen: 43.094 ng  
RT: 12.598 min Scan# 1600  
Delta R.T. 0.000 min  
Lab File: BP013472.D  
Acq: 12 Jan 2023 23:08

Tgt Ion:142 Resp: 3515080  
Ion Ratio Lower Upper  
142 100  
141 92.4 73.3 109.9  
116 3.8 2.9 4.3

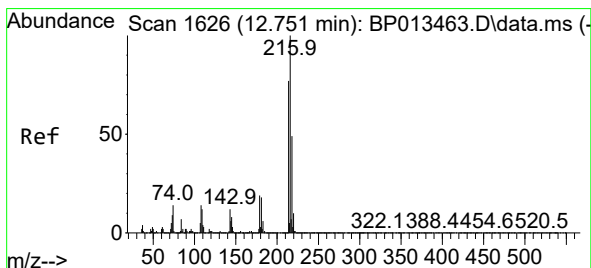
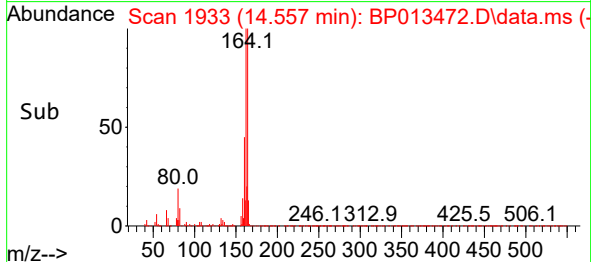
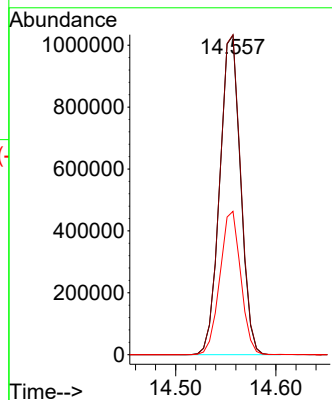
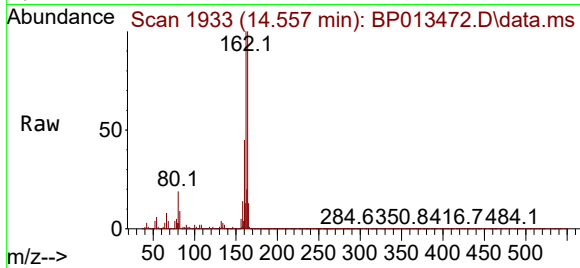




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.557 min Scan# 1933  
Delta R.T. 0.000 min  
Lab File: BP013472.D  
Acq: 12 Jan 2023 23:08

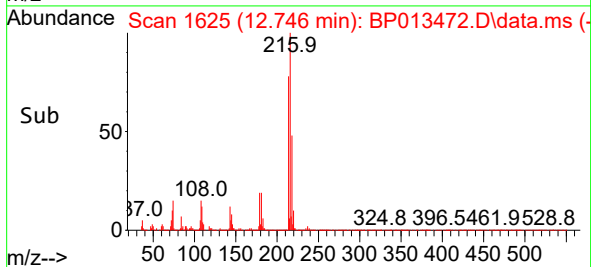
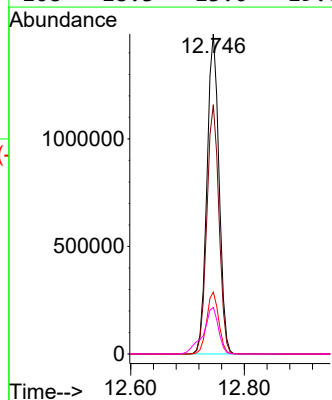
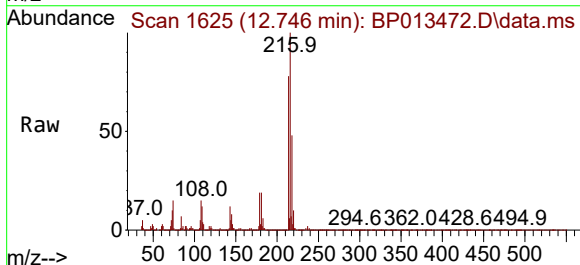
Instrument :  
BNA\_P  
ClientSampleId :  
PB150142BS

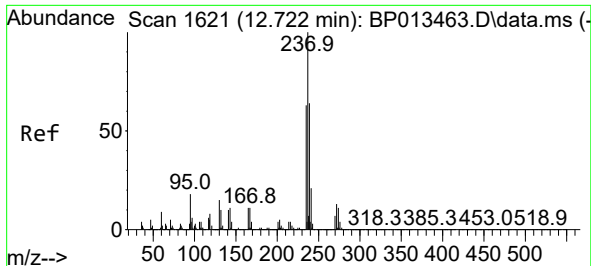
Tgt Ion:164 Resp: 1481832  
Ion Ratio Lower Upper  
164 100  
162 100.2 79.5 119.3  
160 44.9 35.4 53.0



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 44.810 ng  
RT: 12.746 min Scan# 1625  
Delta R.T. -0.006 min  
Lab File: BP013472.D  
Acq: 12 Jan 2023 23:08

Tgt Ion:216 Resp: 2176451  
Ion Ratio Lower Upper  
216 100  
214 78.3 62.1 93.1  
179 19.3 15.6 23.4  
108 18.3 13.0 19.6

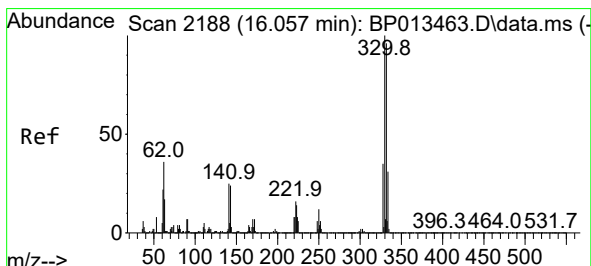
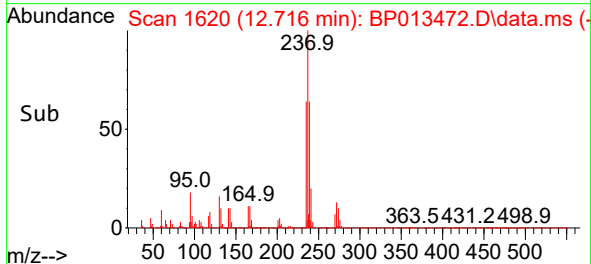
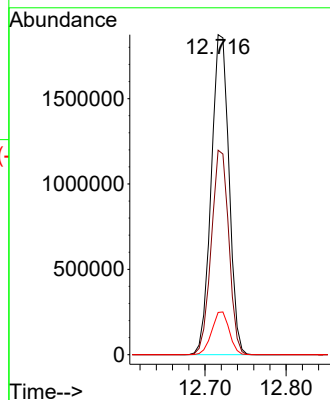
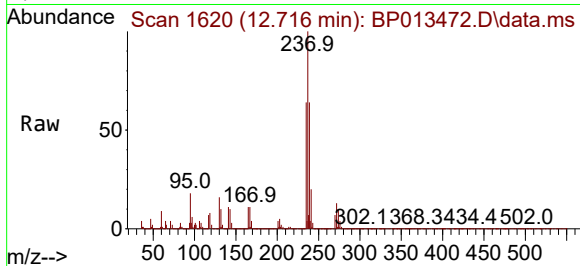




#41  
Hexachlorocyclopentadiene  
Concen: 112.164 ng  
RT: 12.716 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BP013472.D  
Acq: 12 Jan 2023 23:08

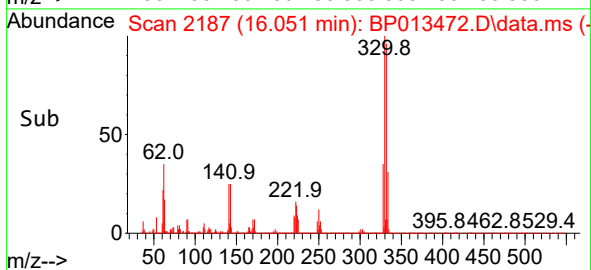
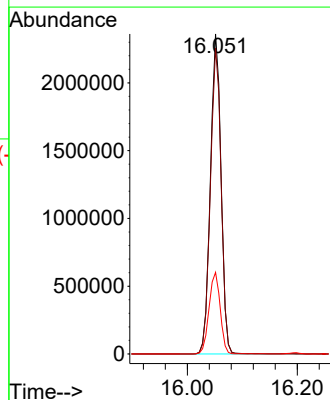
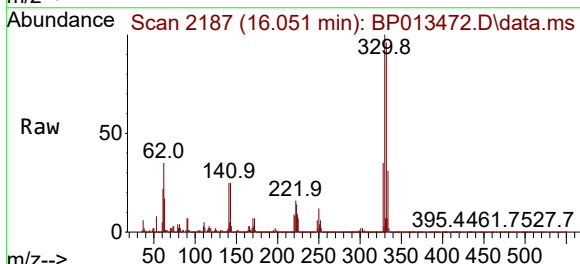
Instrument :  
BNA\_P  
ClientSampleId :  
PB150142BS

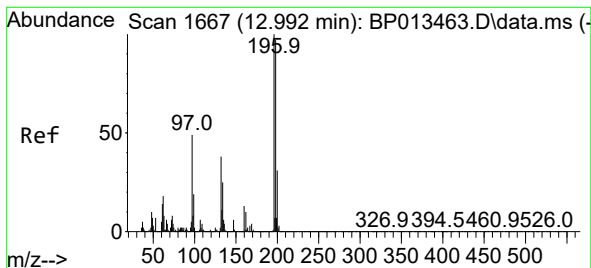
Tgt Ion:237 Resp: 2840590  
Ion Ratio Lower Upper  
237 100  
235 63.9 43.4 83.4  
272 13.2 0.0 32.7



#42  
2,4,6-Tribromophenol  
Concen: 136.894 ng  
RT: 16.051 min Scan# 2187  
Delta R.T. -0.006 min  
Lab File: BP013472.D  
Acq: 12 Jan 2023 23:08

Tgt Ion:330 Resp: 3166456  
Ion Ratio Lower Upper  
330 100  
332 96.5 77.0 115.4  
141 26.7 22.2 33.4





#43

2,4,6-Trichlorophenol

Concen: 47.173 ng

RT: 12.987 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP013472.D

Acq: 12 Jan 2023 23:08

Instrument :

BNA\_P

ClientSampleId :

PB150142BS

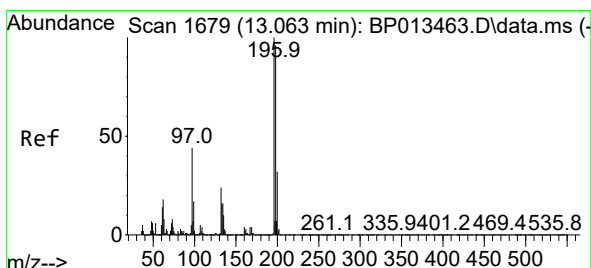
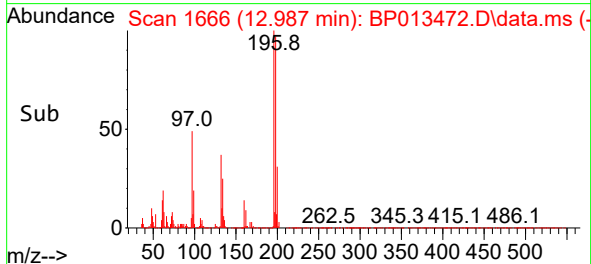
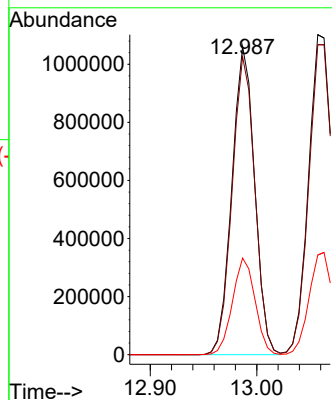
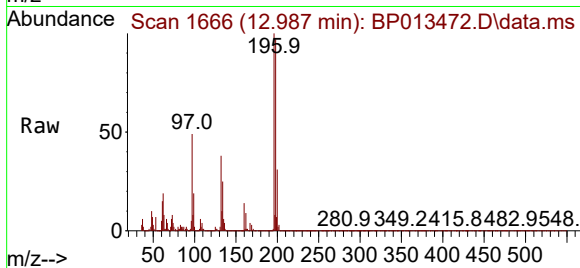
Tgt Ion:196 Resp: 1575388

Ion Ratio Lower Upper

196 100

198 96.6 77.4 116.0

200 31.3 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 44.069 ng

RT: 13.057 min Scan# 1678

Delta R.T. -0.006 min

Lab File: BP013472.D

Acq: 12 Jan 2023 23:08

Tgt Ion:196 Resp: 1726922

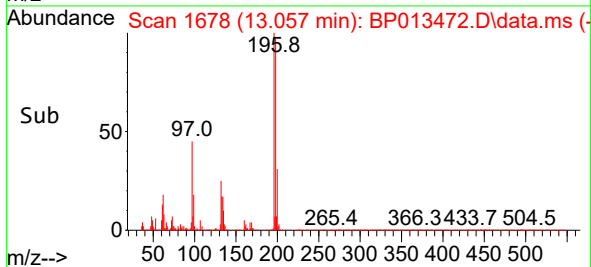
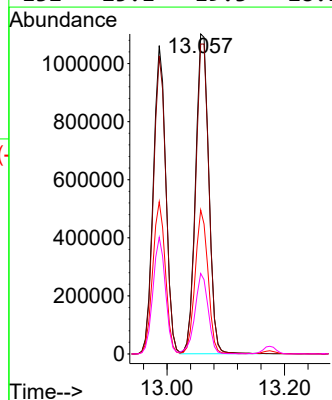
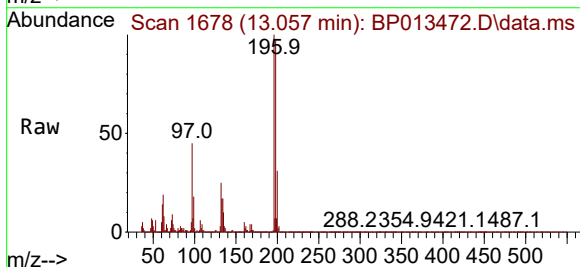
Ion Ratio Lower Upper

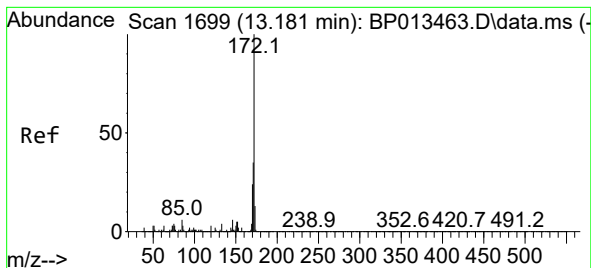
196 100

198 96.8 76.8 115.2

97 45.0 34.9 52.3

132 25.1 19.3 28.9





#45

2-Fluorobiphenyl

Concen: 88.407 ng

RT: 13.175 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP013472.D

Acq: 12 Jan 2023 23:08

Instrument :

BNA\_P

ClientSampleId :

PB150142BS

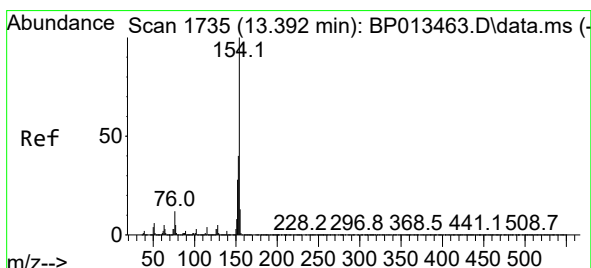
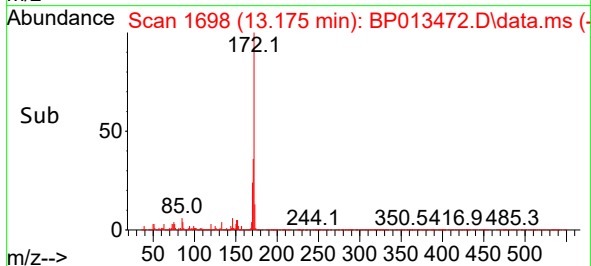
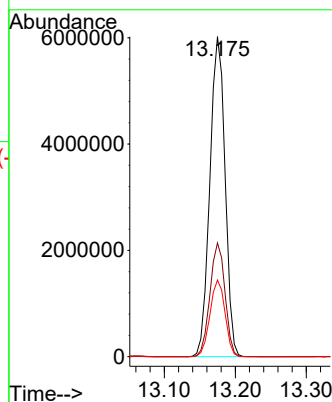
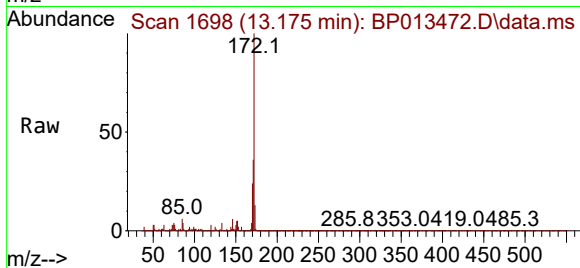
Tgt Ion:172 Resp: 8961637

Ion Ratio Lower Upper

172 100

171 35.6 28.0 42.0

170 24.0 19.0 28.4



#46

1,1'-Biphenyl

Concen: 44.805 ng

RT: 13.387 min Scan# 1734

Delta R.T. -0.006 min

Lab File: BP013472.D

Acq: 12 Jan 2023 23:08

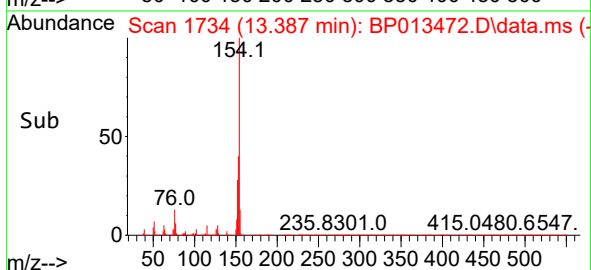
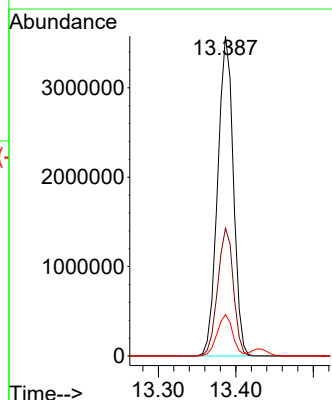
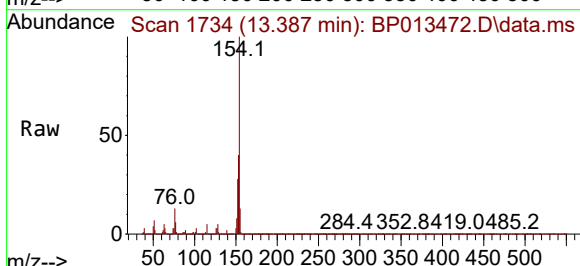
Tgt Ion:154 Resp: 5019642

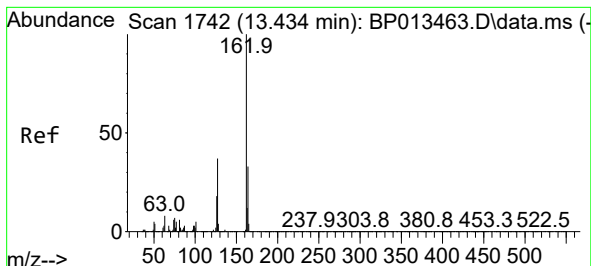
Ion Ratio Lower Upper

154 100

153 40.0 19.9 59.9

76 12.9 0.0 32.5





#47

2-Chloronaphthalene

Concen: 45.865 ng

RT: 13.434 min Scan# 1742

Delta R.T. 0.000 min

Lab File: BP013472.D

Acq: 12 Jan 2023 23:08

Instrument :

BNA\_P

ClientSampleId :

PB150142BS

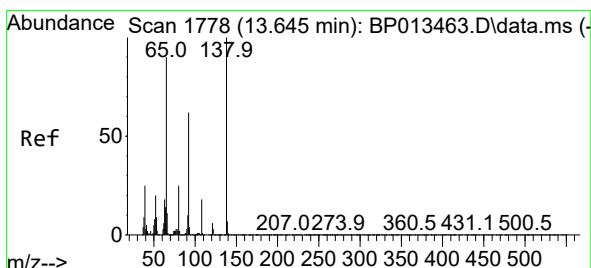
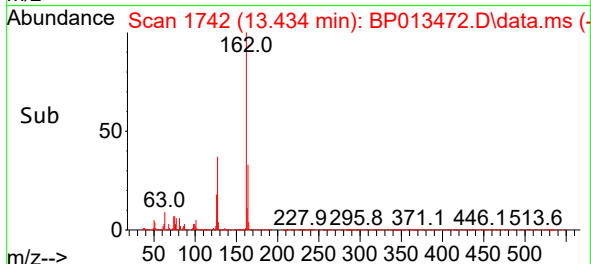
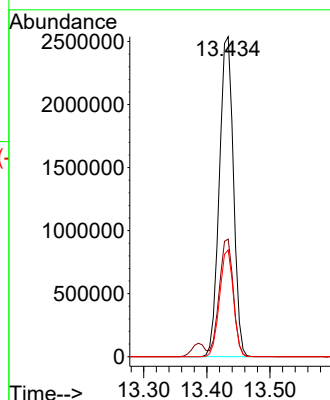
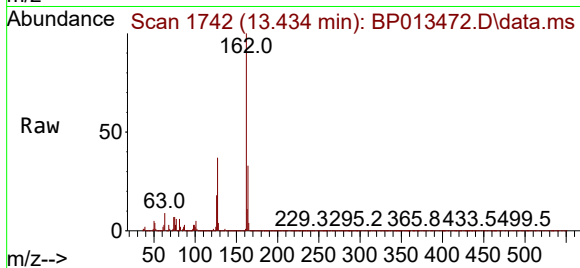
Tgt Ion:162 Resp: 3941027

Ion Ratio Lower Upper

162 100

127 36.7 29.8 44.8

164 33.4 26.4 39.6



#48

2-Nitroaniline

Concen: 44.902 ng

RT: 13.640 min Scan# 1777

Delta R.T. -0.006 min

Lab File: BP013472.D

Acq: 12 Jan 2023 23:08

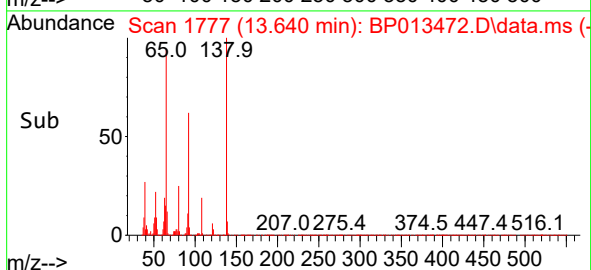
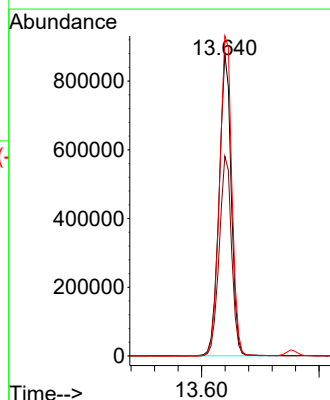
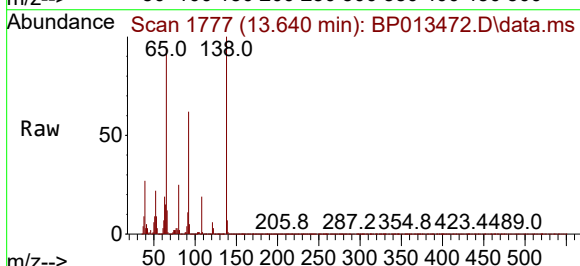
Tgt Ion: 65 Resp: 1269978

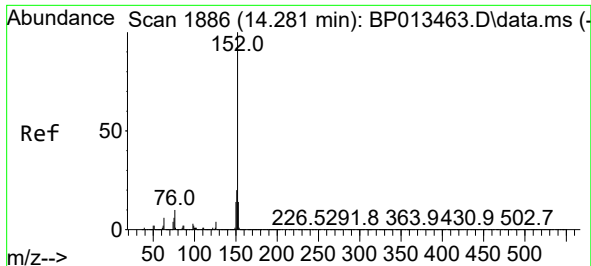
Ion Ratio Lower Upper

65 100

92 66.2 55.1 82.7

138 106.1 88.5 132.7

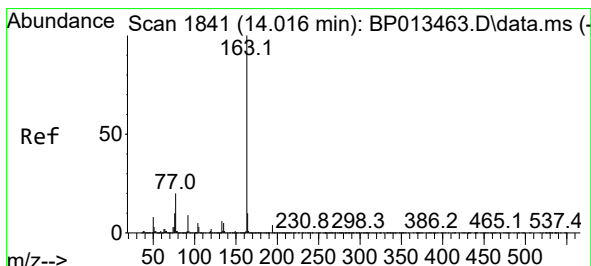
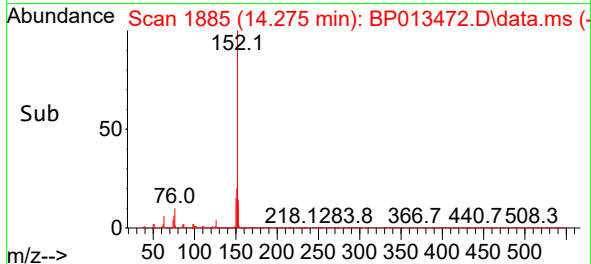
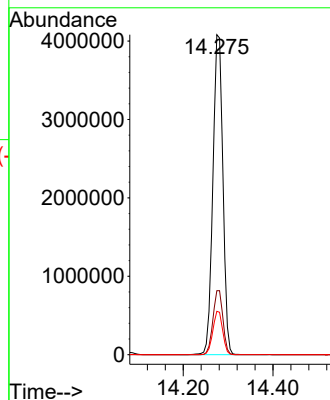
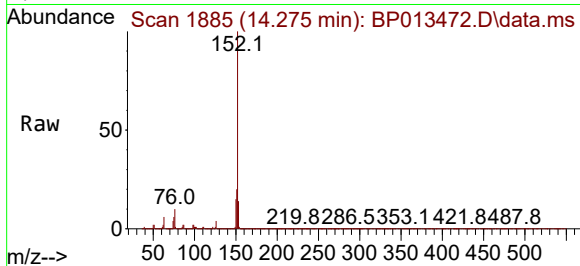




#49  
Acenaphthylene  
Concen: 44.528 ng  
RT: 14.275 min Scan# 1885  
Delta R.T. -0.006 min  
Lab File: BP013472.D  
Acq: 12 Jan 2023 23:08

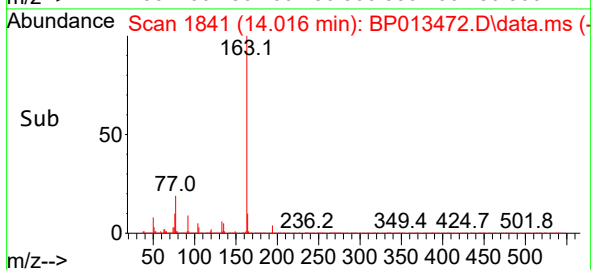
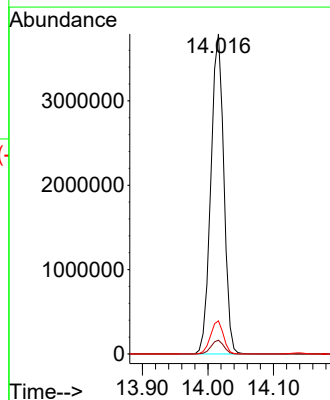
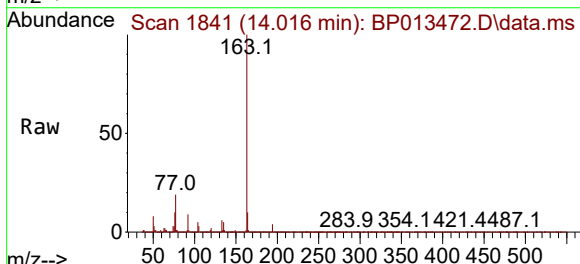
Instrument :  
BNA\_P  
ClientSampleId :  
PB150142BS

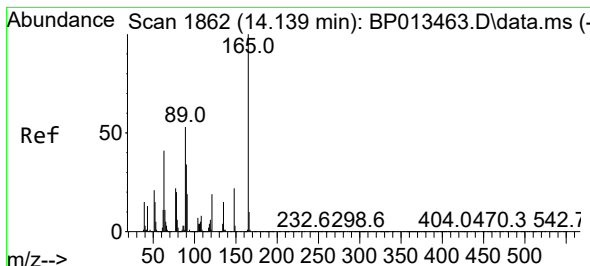
Tgt Ion:152 Resp: 6309555  
Ion Ratio Lower Upper  
152 100  
151 20.0 16.0 24.0  
153 13.6 10.9 16.3



#50  
Dimethylphthalate  
Concen: 44.352 ng  
RT: 14.016 min Scan# 1841  
Delta R.T. 0.000 min  
Lab File: BP013472.D  
Acq: 12 Jan 2023 23:08

Tgt Ion:163 Resp: 5211456  
Ion Ratio Lower Upper  
163 100  
194 4.3 3.4 5.2  
164 10.4 8.3 12.5

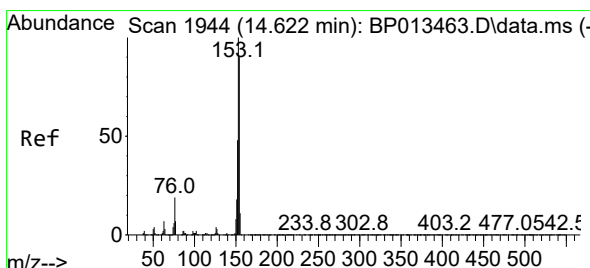
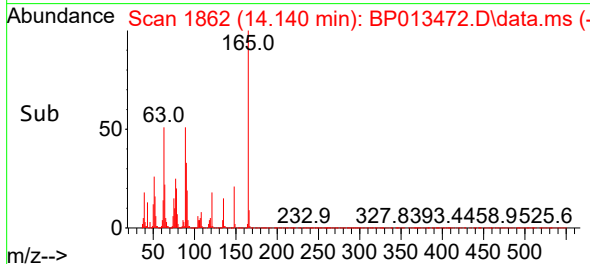
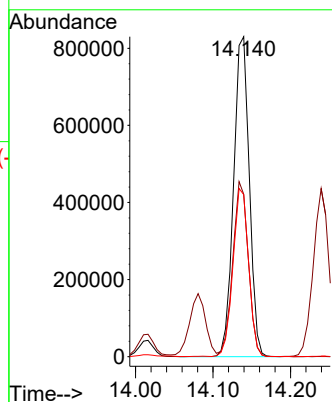
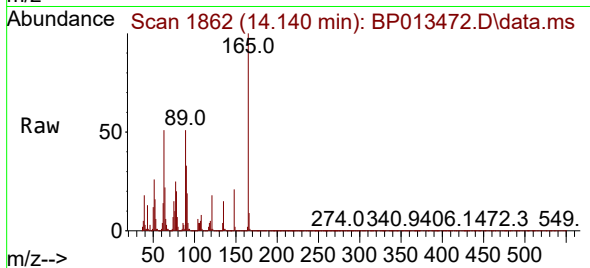




#51  
2,6-Dinitrotoluene  
Concen: 45.541 ng  
RT: 14.140 min Scan# 1862  
Delta R.T. 0.000 min  
Lab File: BP013472.D  
Acq: 12 Jan 2023 23:08

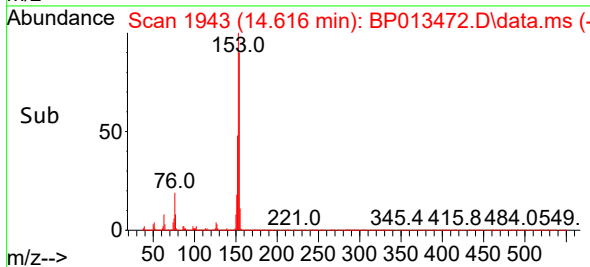
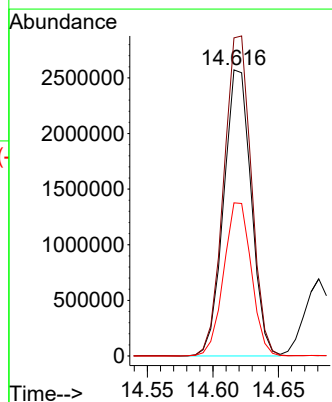
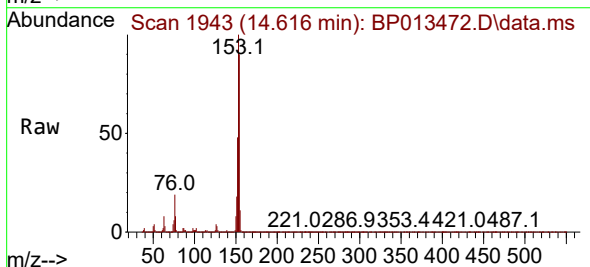
Instrument :  
BNA\_P  
ClientSampleId :  
PB150142BS

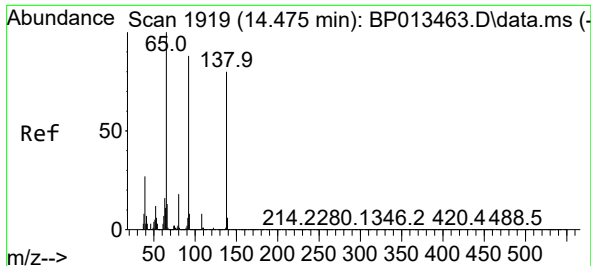
Tgt Ion:165 Resp: 1167344  
Ion Ratio Lower Upper  
165 100  
63 50.7 42.8 64.2  
89 50.6 42.5 63.7



#52  
Acenaphthene  
Concen: 44.695 ng  
RT: 14.616 min Scan# 1943  
Delta R.T. -0.006 min  
Lab File: BP013472.D  
Acq: 12 Jan 2023 23:08

Tgt Ion:154 Resp: 3748492  
Ion Ratio Lower Upper  
154 100  
153 111.2 89.2 133.8  
152 53.5 42.8 64.2

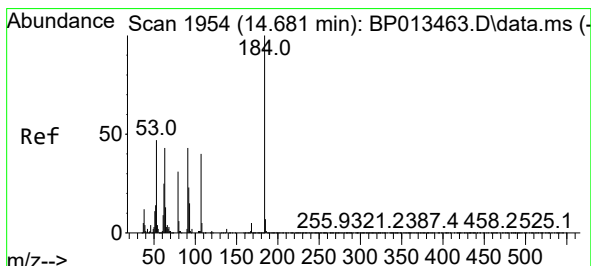
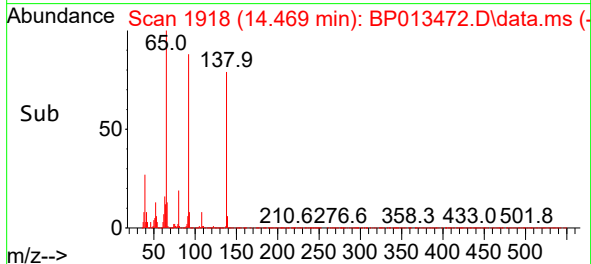
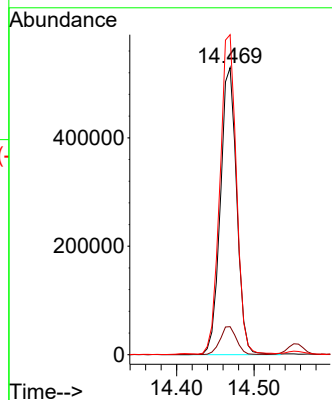
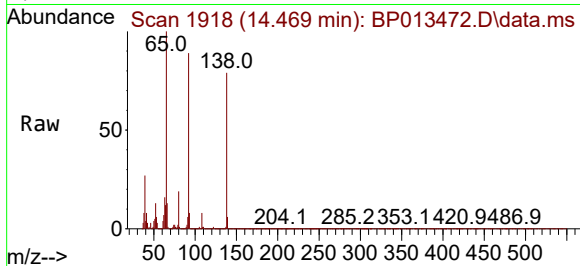




#53  
3-Nitroaniline  
Concen: 28.304 ng  
RT: 14.469 min Scan# 1919  
Delta R.T. -0.006 min  
Lab File: BP013472.D  
Acq: 12 Jan 2023 23:08

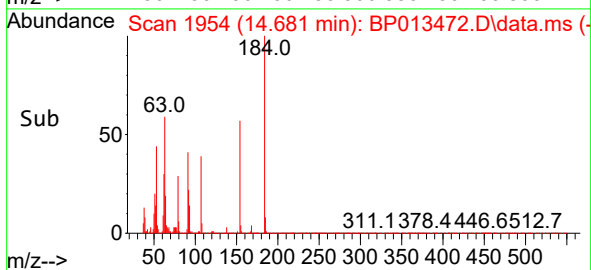
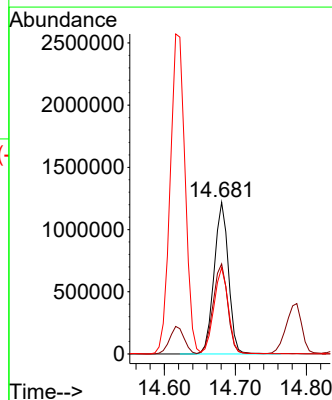
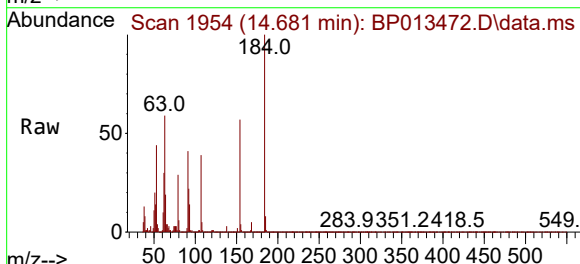
Instrument :  
BNA\_P  
ClientSampleId :  
PB150142BS

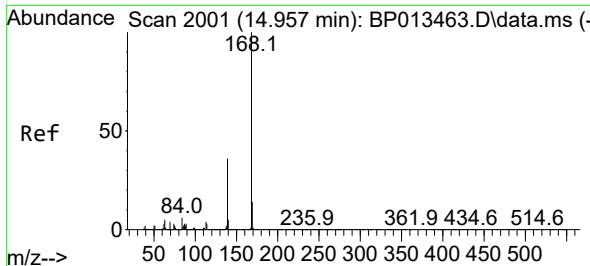
Tgt Ion:138 Resp: 776206  
Ion Ratio Lower Upper  
138 100  
108 9.8 7.7 11.5  
92 111.5 88.2 132.2



#54  
2,4-Dinitrophenol  
Concen: 98.142 ng  
RT: 14.681 min Scan# 1954  
Delta R.T. -0.000 min  
Lab File: BP013472.D  
Acq: 12 Jan 2023 23:08

Tgt Ion:184 Resp: 1709384  
Ion Ratio Lower Upper  
184 100  
63 59.4 49.8 74.8  
154 56.8 45.8 68.8

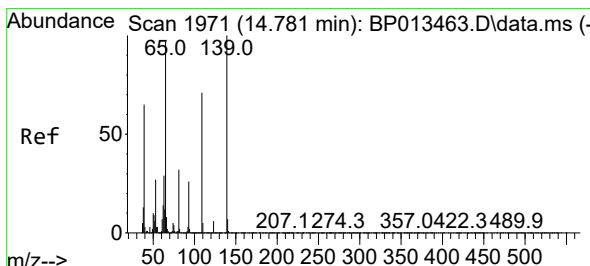
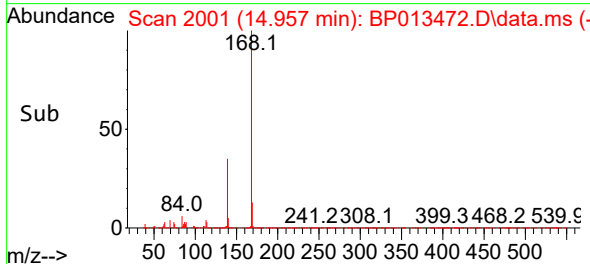
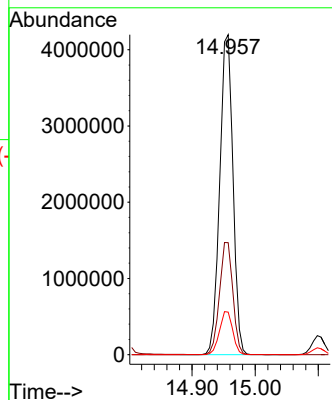
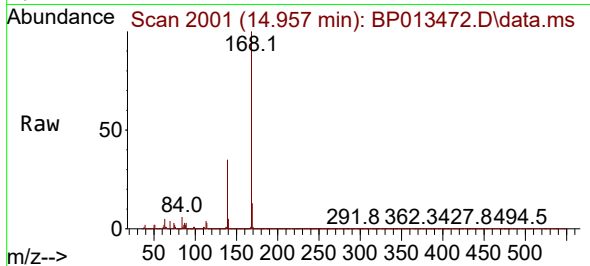




#55  
Dibenzenofuran  
Concen: 43.959 ng  
RT: 14.957 min Scan# 2001  
Delta R.T. 0.000 min  
Lab File: BP013472.D  
Acq: 12 Jan 2023 23:08

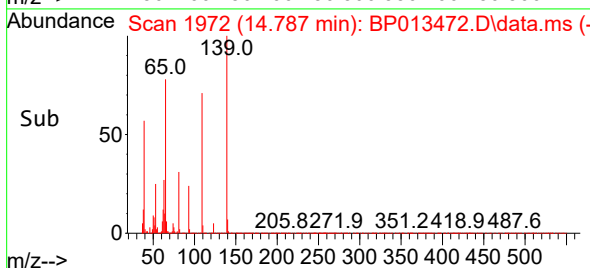
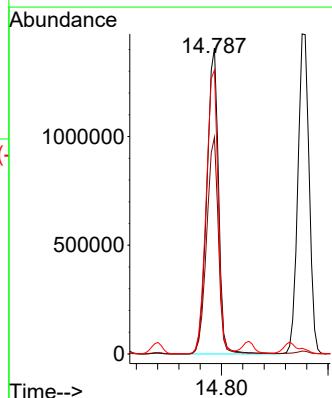
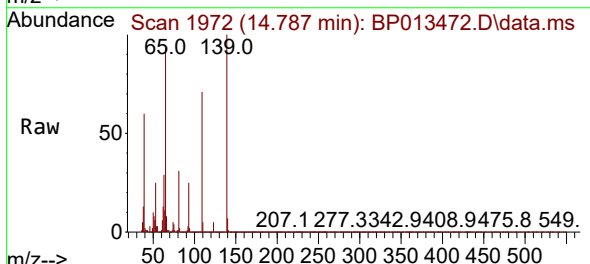
Instrument :  
BNA\_P  
ClientSampleId :  
PB150142BS

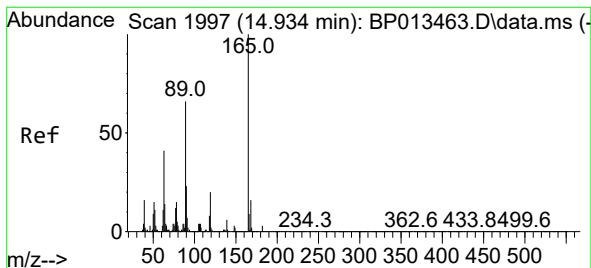
Tgt Ion:168 Resp: 6112733  
Ion Ratio Lower Upper  
168 100  
139 35.0 28.6 43.0  
169 13.3 11.0 16.6



#56  
4-Nitrophenol  
Concen: 97.414 ng  
RT: 14.787 min Scan# 1972  
Delta R.T. 0.006 min  
Lab File: BP013472.D  
Acq: 12 Jan 2023 23:08

Tgt Ion:139 Resp: 2146458  
Ion Ratio Lower Upper  
139 100  
109 70.8 51.0 91.0  
65 92.8 77.3 117.3

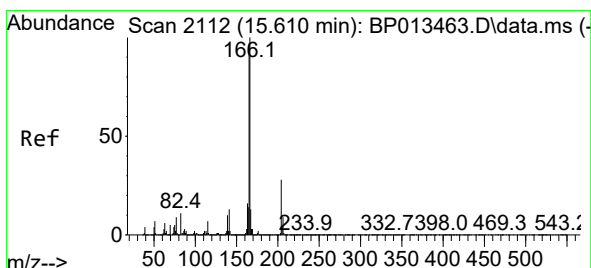
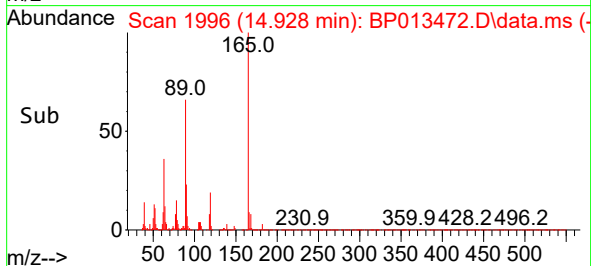
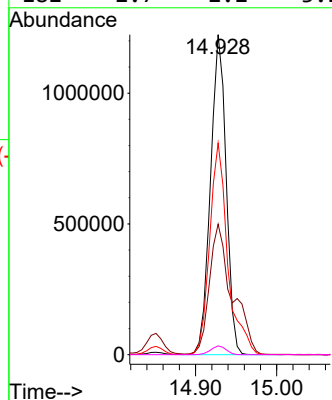
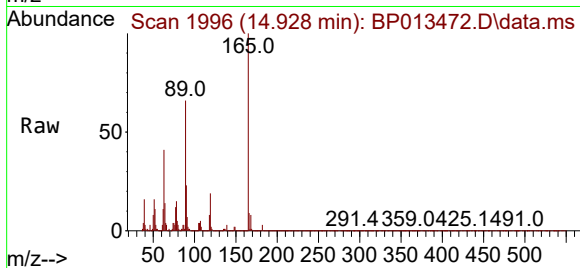




#57  
2,4-Dinitrotoluene  
Concen: 46.610 ng  
RT: 14.928 min Scan# 1996  
Delta R.T. -0.006 min  
Lab File: BP013472.D  
Acq: 12 Jan 2023 23:08

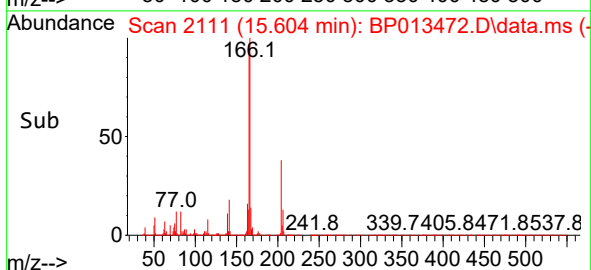
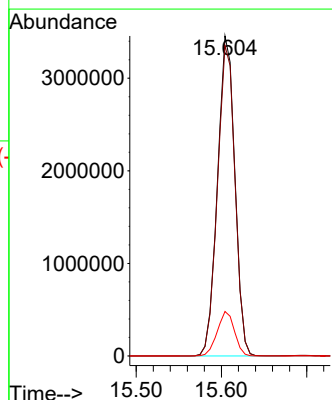
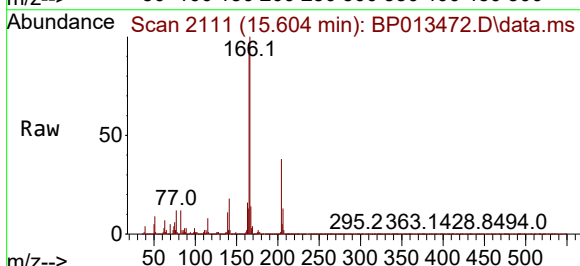
Instrument :  
BNA\_P  
ClientSampleId :  
PB150142BS

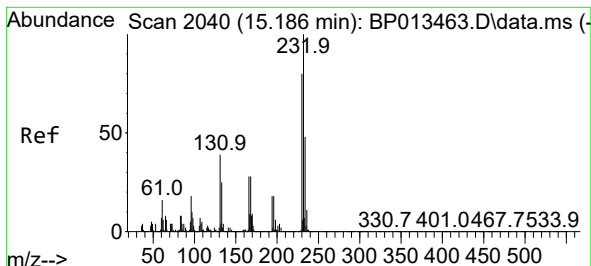
Tgt Ion:165 Resp: 1633775  
Ion Ratio Lower Upper  
165 100  
63 40.8 33.3 49.9  
89 66.1 52.6 78.8  
182 2.7 2.2 3.2



#58  
Fluorene  
Concen: 44.614 ng  
RT: 15.604 min Scan# 2111  
Delta R.T. -0.006 min  
Lab File: BP013472.D  
Acq: 12 Jan 2023 23:08

Tgt Ion:166 Resp: 4895658  
Ion Ratio Lower Upper  
166 100  
165 97.0 77.9 116.9  
167 13.9 10.7 16.1

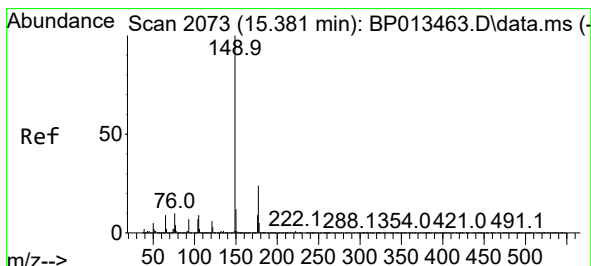
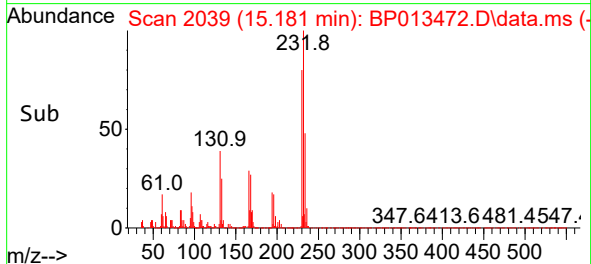
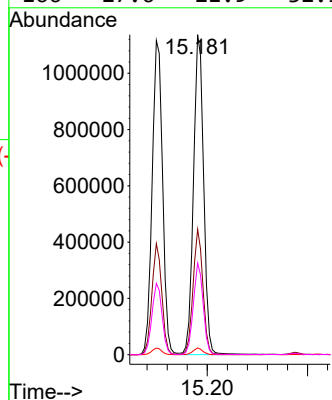
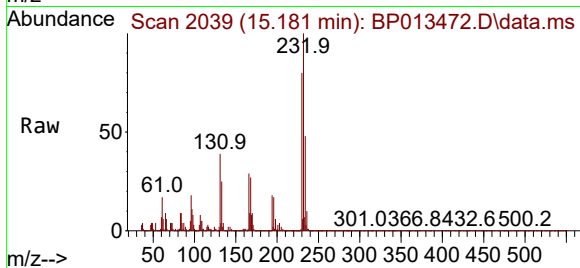




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 46.941 ng  
RT: 15.181 min Scan# 2040  
Delta R.T. -0.006 min  
Lab File: BP013472.D  
Acq: 12 Jan 2023 23:08

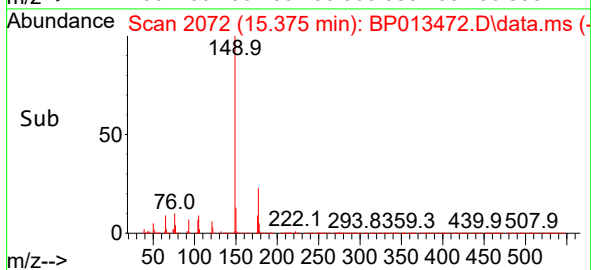
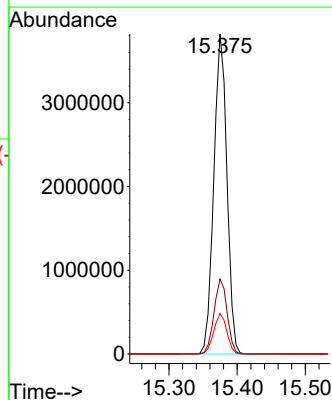
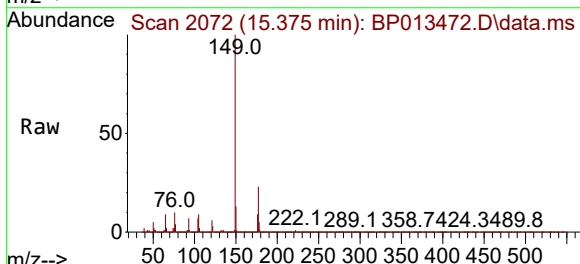
Instrument :  
BNA\_P  
ClientSampleId :  
PB150142BS

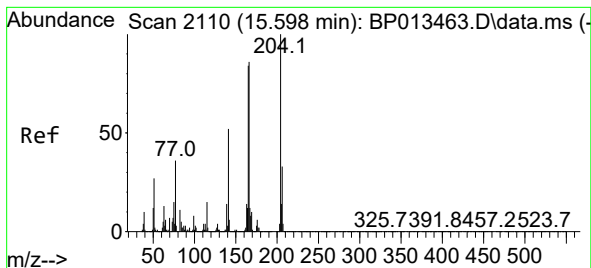
Tgt Ion:232 Resp: 1590627  
Ion Ratio Lower Upper  
232 100  
131 38.0 30.3 45.5  
130 2.1 1.7 2.5  
166 27.6 21.9 32.9



#60  
Diethylphthalate  
Concen: 44.425 ng  
RT: 15.375 min Scan# 2072  
Delta R.T. -0.006 min  
Lab File: BP013472.D  
Acq: 12 Jan 2023 23:08

Tgt Ion:149 Resp: 5108226  
Ion Ratio Lower Upper  
149 100  
177 23.4 18.8 28.2  
150 12.6 9.9 14.9

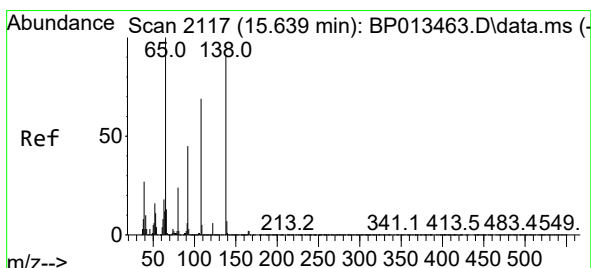
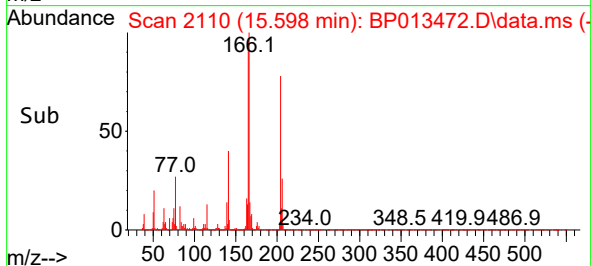
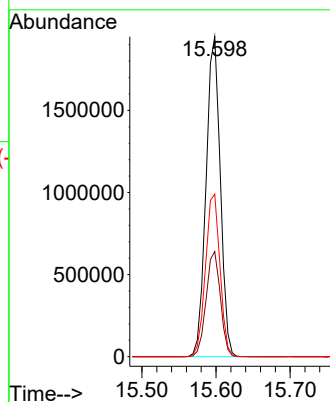
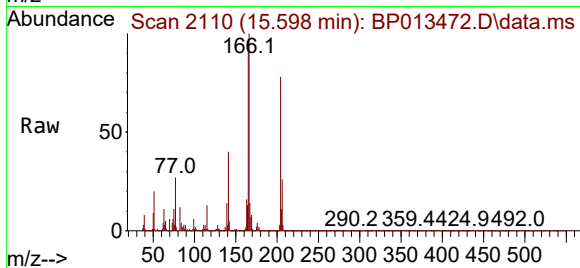




#61  
4-Chlorophenyl-phenylether  
Concen: 44.670 ng  
RT: 15.598 min Scan# 2110  
Delta R.T. 0.000 min  
Lab File: BP013472.D  
Acq: 12 Jan 2023 23:08

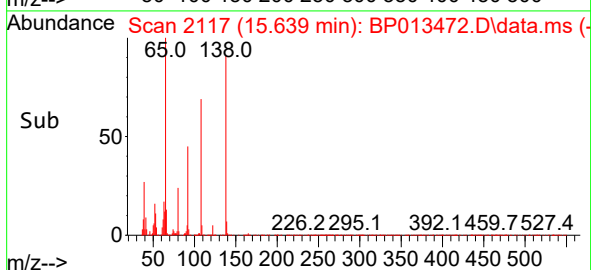
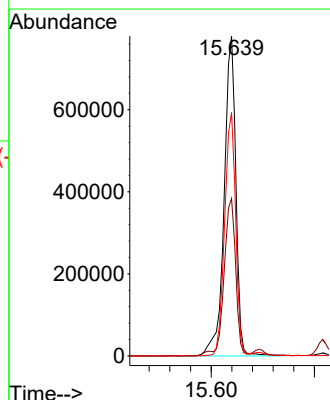
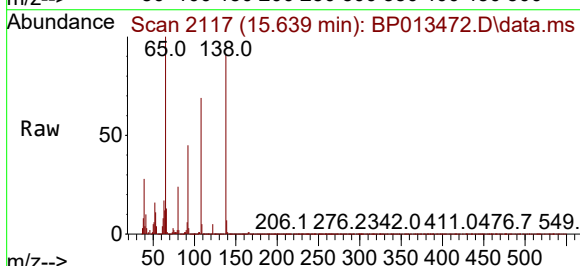
Instrument :  
BNA\_P  
ClientSampleId :  
PB150142BS

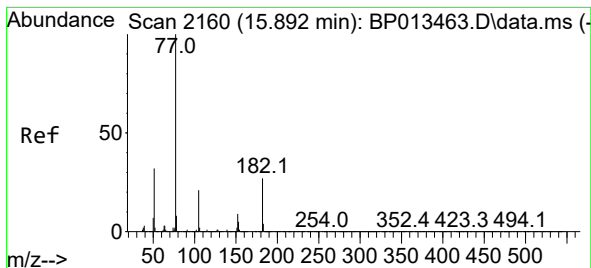
Tgt Ion:204 Resp: 2603204  
Ion Ratio Lower Upper  
204 100  
206 32.9 26.4 39.6  
141 50.8 41.3 61.9



#62  
4-Nitroaniline  
Concen: 43.660 ng  
RT: 15.639 min Scan# 2117  
Delta R.T. 0.000 min  
Lab File: BP013472.D  
Acq: 12 Jan 2023 23:08

Tgt Ion:138 Resp: 1225828  
Ion Ratio Lower Upper  
138 100  
92 49.2 29.7 69.7  
108 76.1 55.8 95.8

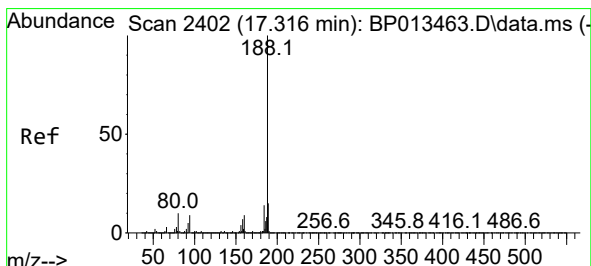
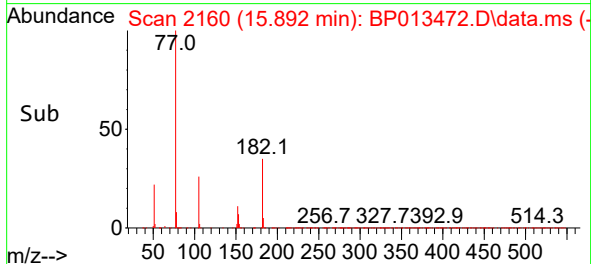
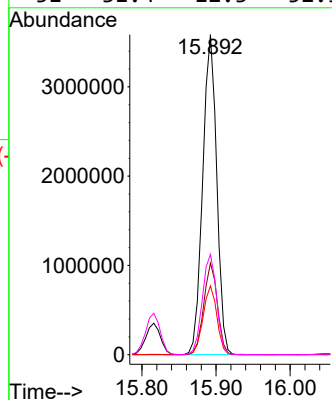
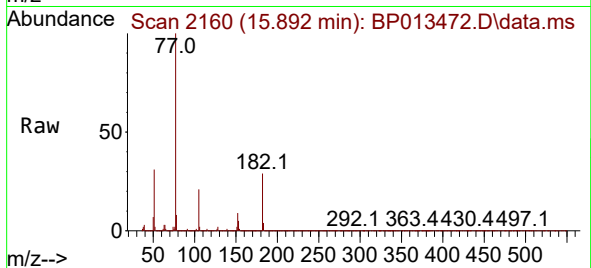




#63  
Azobenzene  
Concen: 44.536 ng  
RT: 15.892 min Scan# 2160  
Delta R.T. 0.000 min  
Lab File: BP013472.D  
Acq: 12 Jan 2023 23:08

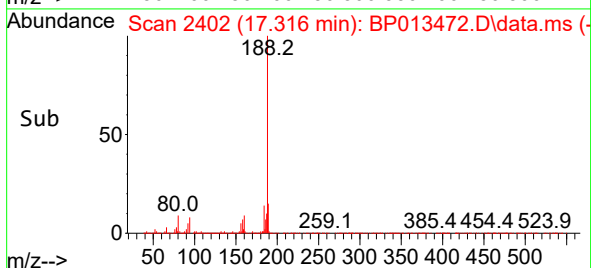
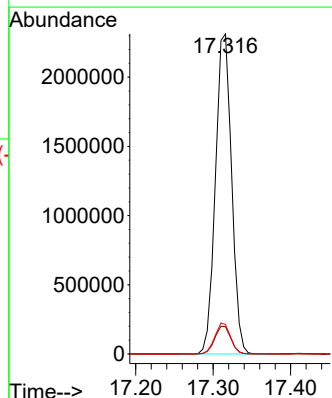
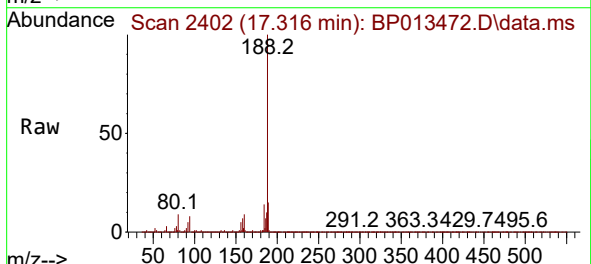
Instrument :  
BNA\_P  
ClientSampleId :  
PB150142BS

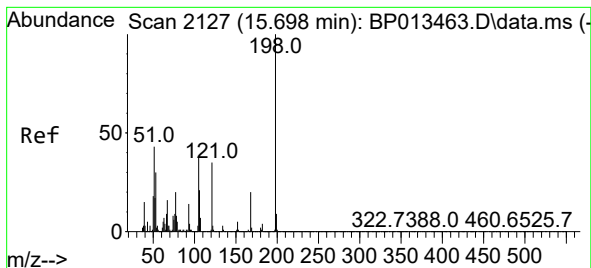
Tgt Ion: 77 Resp: 4702106  
Ion Ratio Lower Upper  
77 100  
182 28.6 7.0 47.0  
105 21.5 1.0 41.0  
51 31.4 12.3 52.3



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.316 min Scan# 2402  
Delta R.T. 0.000 min  
Lab File: BP013472.D  
Acq: 12 Jan 2023 23:08

Tgt Ion:188 Resp: 3347646  
Ion Ratio Lower Upper  
188 100  
94 8.5 7.1 10.7  
80 9.2 7.9 11.9

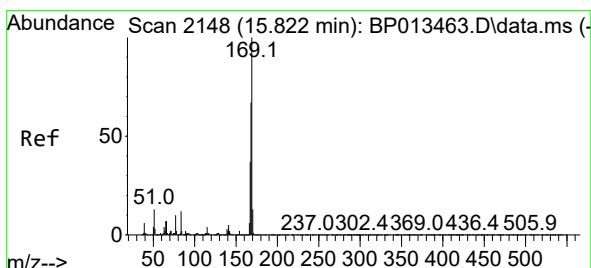
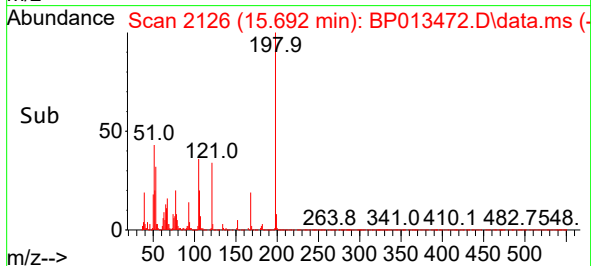
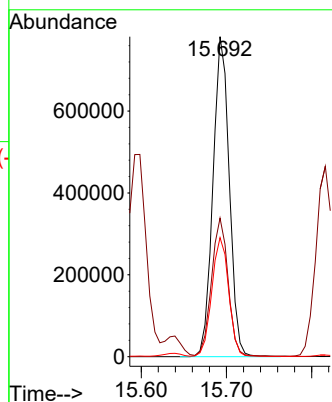
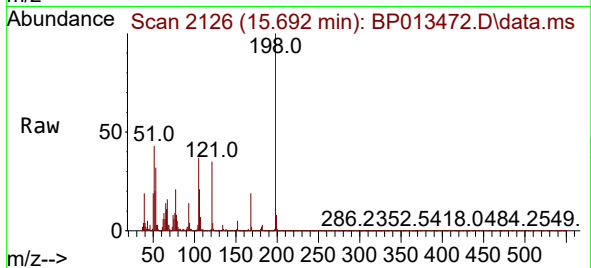




#65  
4,6-Dinitro-2-methylphenol  
Concen: 45.457 ng  
RT: 15.692 min Scan# 2126  
Delta R.T. -0.006 min  
Lab File: BP013472.D  
Acq: 12 Jan 2023 23:08

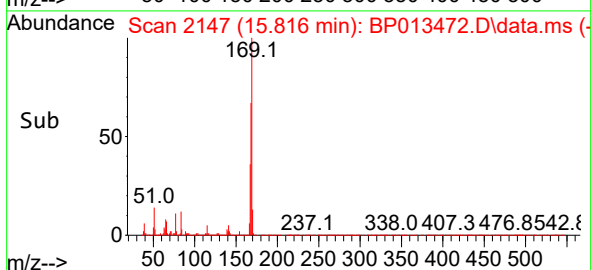
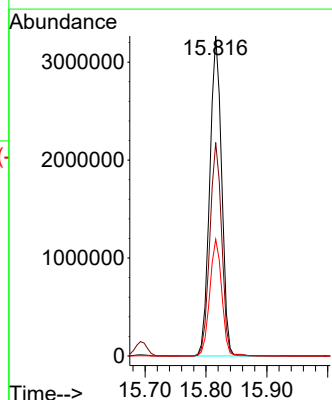
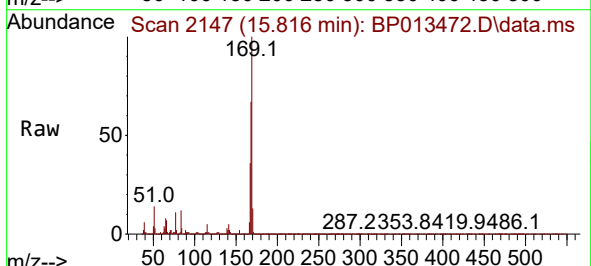
Instrument :  
BNA\_P  
ClientSampleId :  
PB150142BS

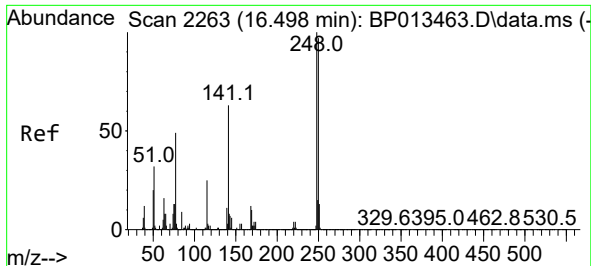
Tgt Ion:198 Resp: 1040696  
Ion Ratio Lower Upper  
198 100  
51 43.3 23.6 63.6  
105 37.2 17.9 57.9



#66  
n-Nitrosodiphenylamine  
Concen: 45.013 ng  
RT: 15.816 min Scan# 2147  
Delta R.T. -0.006 min  
Lab File: BP013472.D  
Acq: 12 Jan 2023 23:08

Tgt Ion:169 Resp: 4427885  
Ion Ratio Lower Upper  
169 100  
168 66.7 53.3 79.9  
167 36.4 29.4 44.0

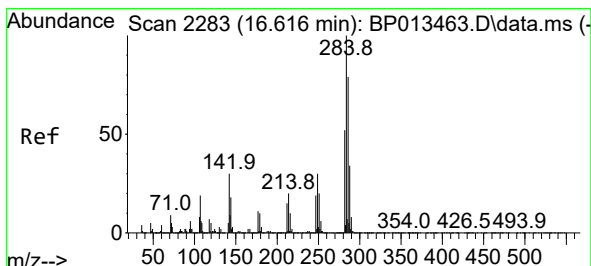
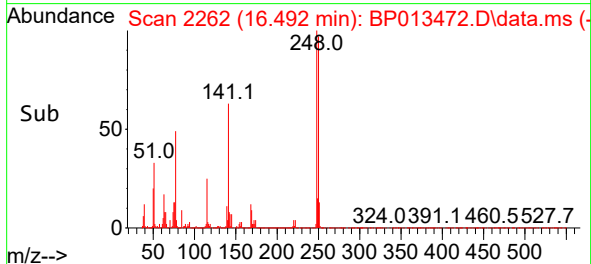
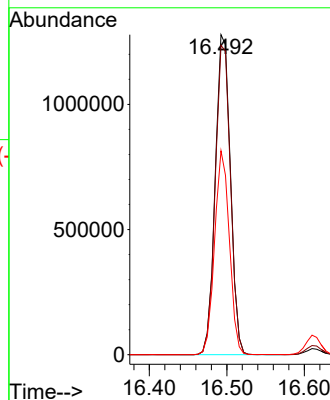
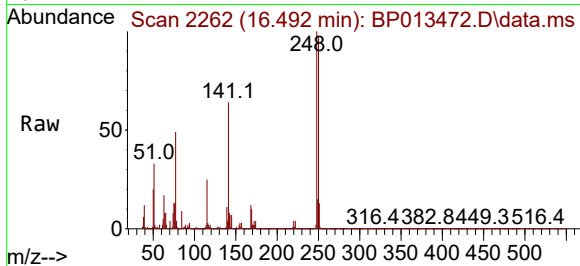




#67  
4-Bromophenyl-phenylether  
Concen: 45.119 ng  
RT: 16.492 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BP013472.D  
Acq: 12 Jan 2023 23:08

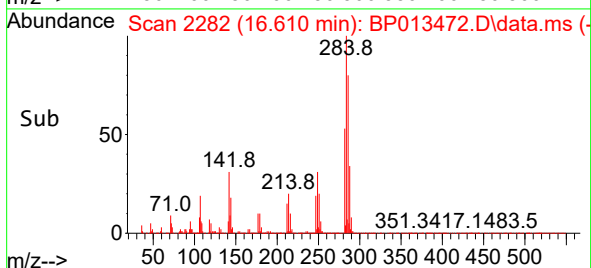
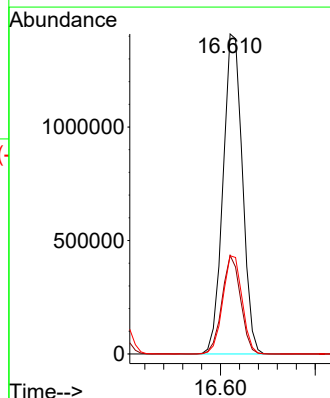
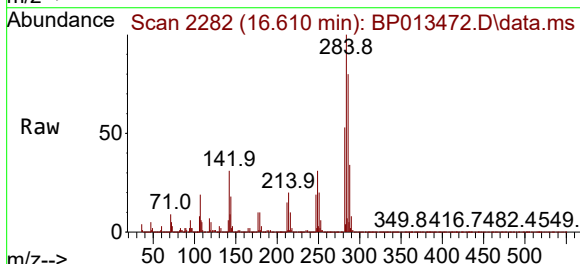
Instrument :  
BNA\_P  
ClientSampleId :  
PB150142BS

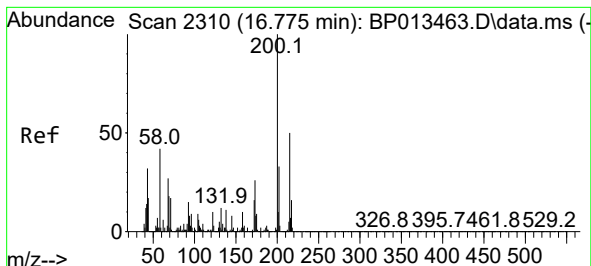
Tgt Ion:248 Resp: 1738762  
Ion Ratio Lower Upper  
248 100  
250 96.7 77.7 116.5  
141 63.7 50.2 75.4



#68  
Hexachlorobenzene  
Concen: 47.687 ng  
RT: 16.610 min Scan# 2282  
Delta R.T. -0.006 min  
Lab File: BP013472.D  
Acq: 12 Jan 2023 23:08

Tgt Ion:284 Resp: 2001242  
Ion Ratio Lower Upper  
284 100  
142 30.8 23.9 35.9  
249 30.7 24.1 36.1





#69

Atrazine

Concen: 47.158 ng

RT: 16.775 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP013472.D

Acq: 12 Jan 2023 23:08

Instrument :

BNA\_P

ClientSampleId :

PB150142BS

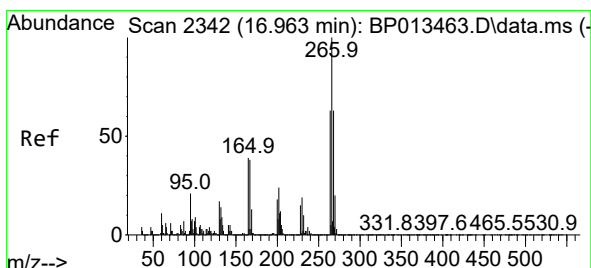
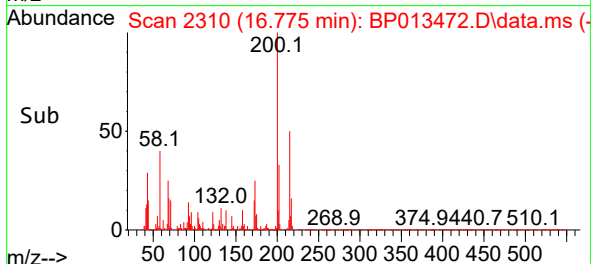
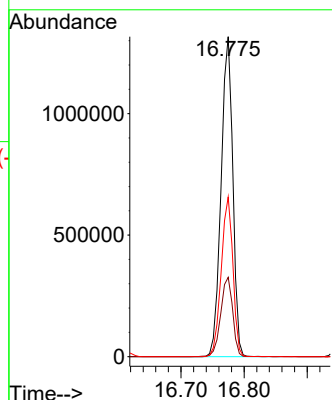
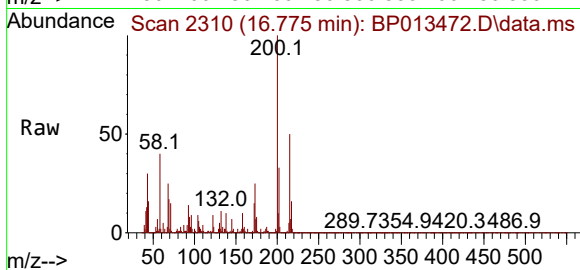
Tgt Ion:200 Resp: 1699006

Ion Ratio Lower Upper

200 100

173 24.8 5.9 45.9

215 49.9 30.0 70.0



#70

Pentachlorophenol

Concen: 86.932 ng

RT: 16.963 min Scan# 2342

Delta R.T. 0.000 min

Lab File: BP013472.D

Acq: 12 Jan 2023 23:08

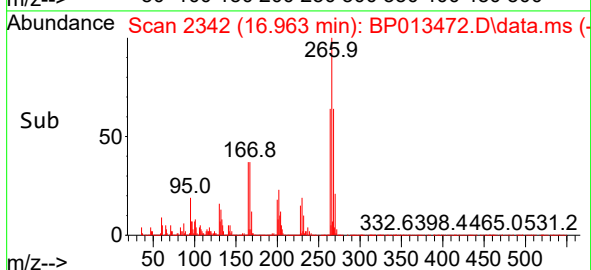
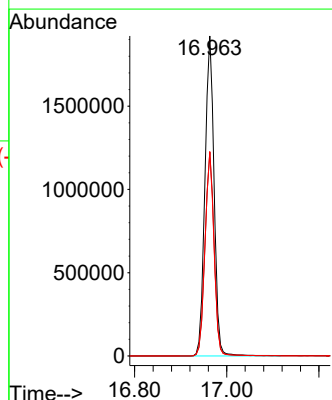
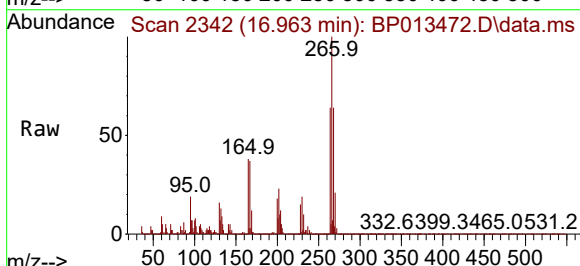
Tgt Ion:266 Resp: 2673789

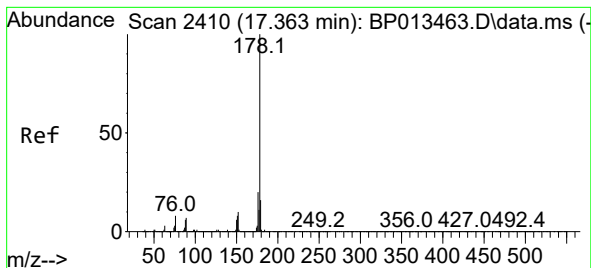
Ion Ratio Lower Upper

266 100

268 63.7 50.7 76.1

264 63.9 50.4 75.6





#71

Phenanthrene

Concen: 45.380 ng

RT: 17.357 min Scan# 2410

Delta R.T. -0.006 min

Lab File: BP013472.D

Acq: 12 Jan 2023 23:08

Instrument :

BNA\_P

ClientSampleId :

PB150142BS

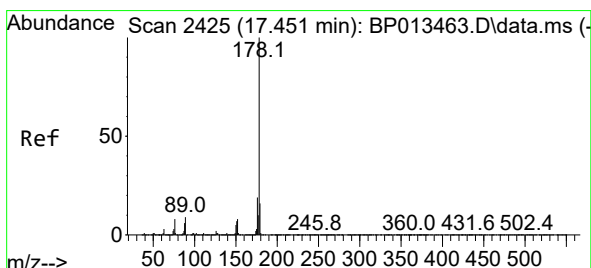
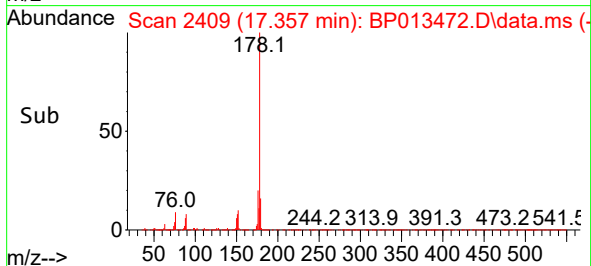
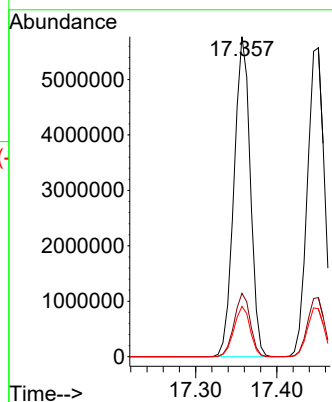
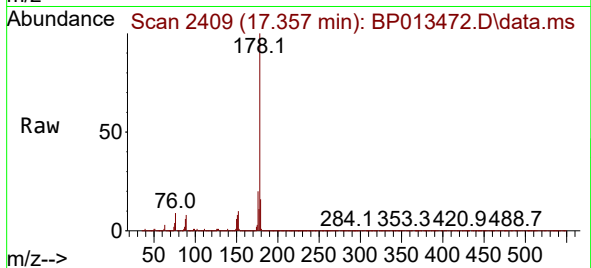
Tgt Ion:178 Resp: 8015551

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.6

179 15.7 12.6 19.0



#72

Anthracene

Concen: 45.352 ng

RT: 17.451 min Scan# 2425

Delta R.T. 0.000 min

Lab File: BP013472.D

Acq: 12 Jan 2023 23:08

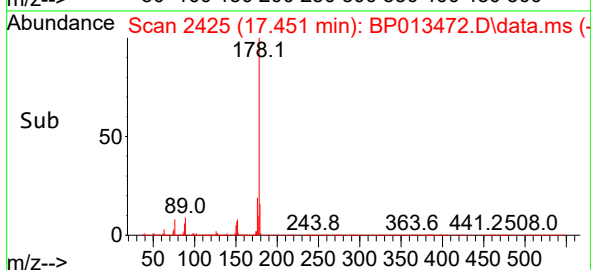
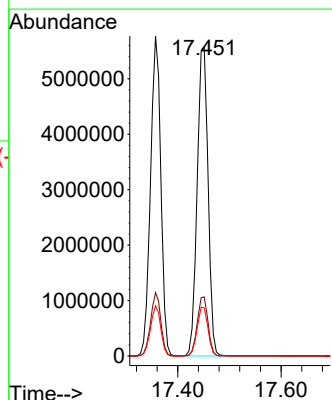
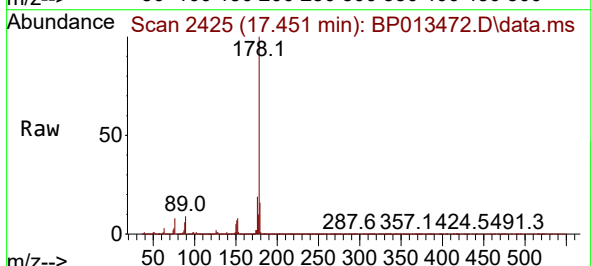
Tgt Ion:178 Resp: 8151406

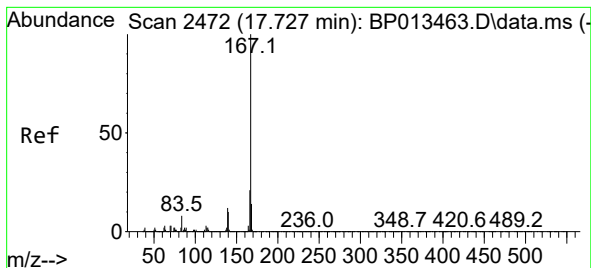
Ion Ratio Lower Upper

178 100

176 19.1 15.2 22.8

179 15.6 12.6 18.8





#73

Carbazole

Concen: 45.564 ng

RT: 17.722 min Scan# 2472

Delta R.T. -0.006 min

Lab File: BP013472.D

Acq: 12 Jan 2023 23:08

Instrument :

BNA\_P

ClientSampleId :

PB150142BS

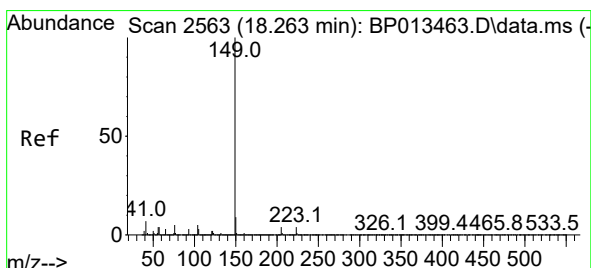
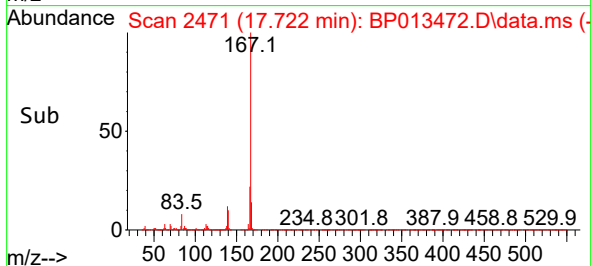
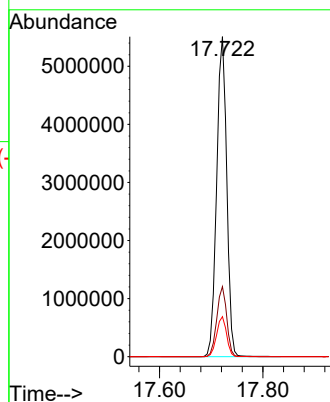
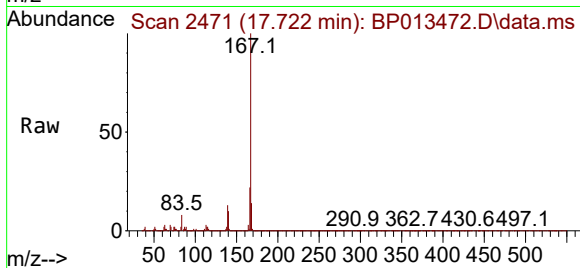
Tgt Ion:167 Resp: 7458890

Ion Ratio Lower Upper

167 100

166 21.9 17.2 25.8

139 12.5 9.9 14.9



#74

Di-n-butylphthalate

Concen: 47.040 ng

RT: 18.263 min Scan# 2563

Delta R.T. 0.000 min

Lab File: BP013472.D

Acq: 12 Jan 2023 23:08

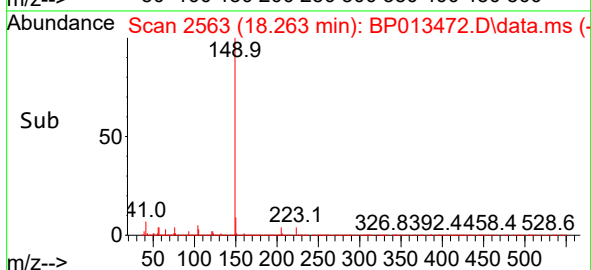
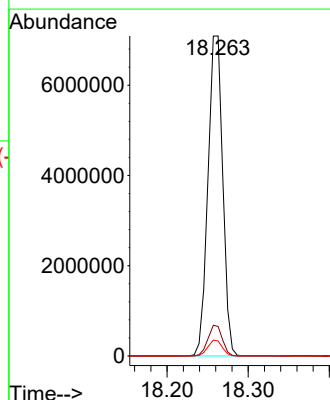
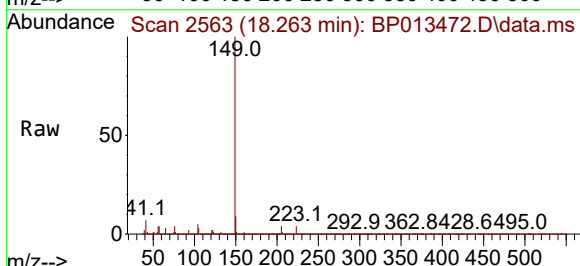
Tgt Ion:149 Resp: 8938099

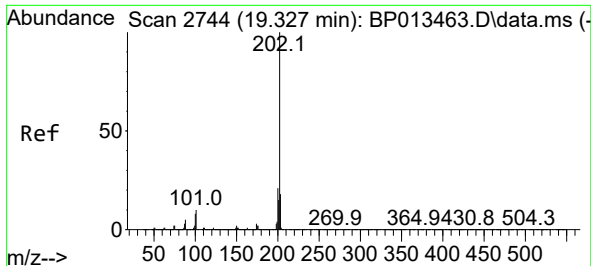
Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

104 4.7 3.9 5.9

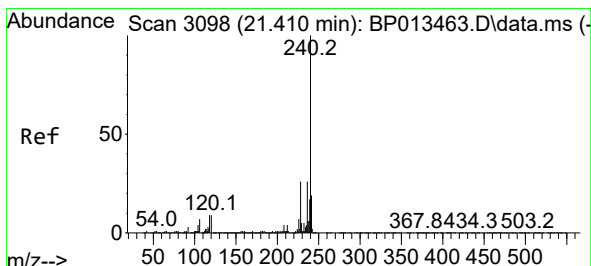
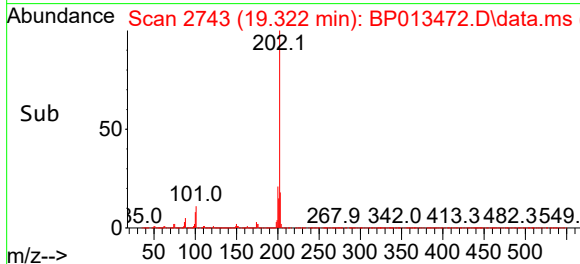
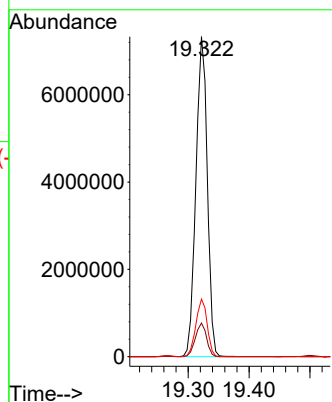
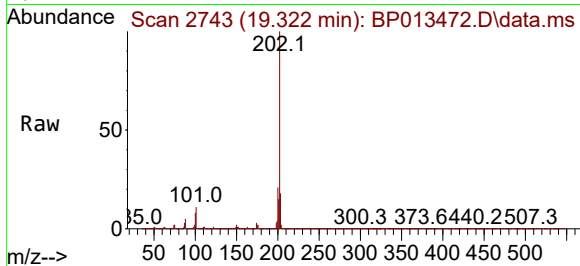




#75  
Fluoranthene  
Concen: 44.840 ng  
RT: 19.322 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BP013472.D  
Acq: 12 Jan 2023 23:08

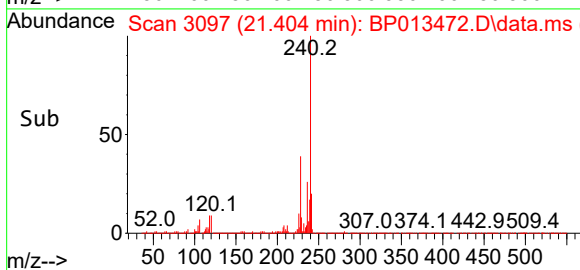
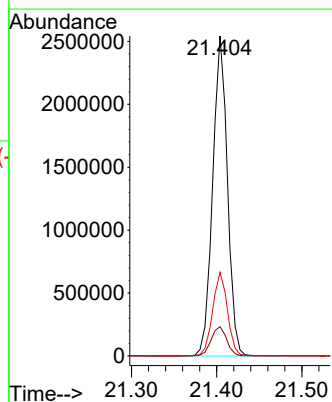
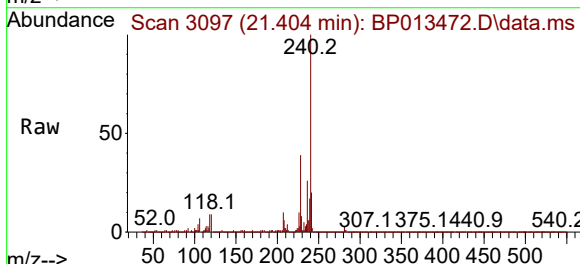
Instrument :  
BNA\_P  
ClientSampleId :  
PB150142BS

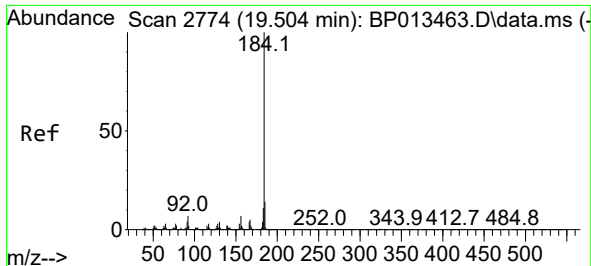
Tgt Ion:202 Resp: 9513744  
Ion Ratio Lower Upper  
202 100  
101 10.5 0.0 30.3  
203 18.0 0.0 37.9



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.404 min Scan# 3097  
Delta R.T. -0.006 min  
Lab File: BP013472.D  
Acq: 12 Jan 2023 23:08

Tgt Ion:240 Resp: 3061681  
Ion Ratio Lower Upper  
240 100  
120 9.1 7.4 11.0  
236 26.2 21.2 31.8

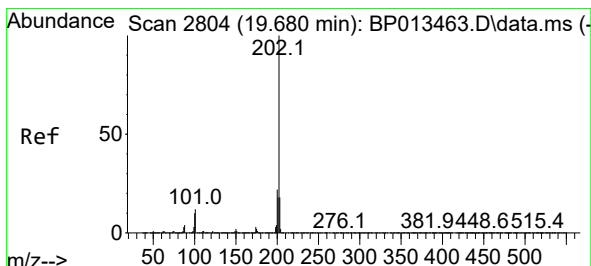
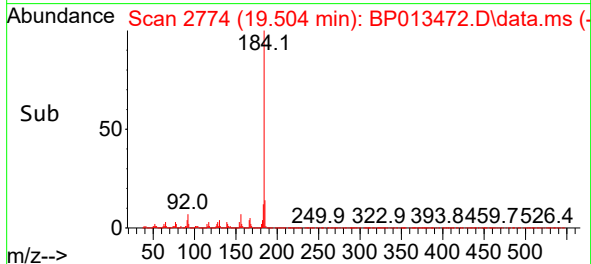
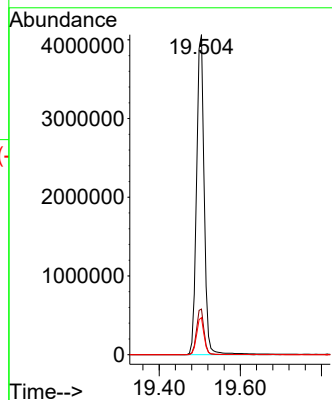
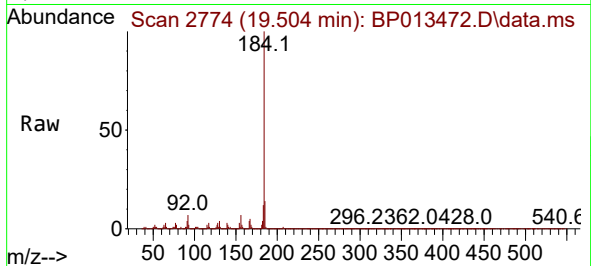




#77  
Benzidine  
Concen: 58.921 ng  
RT: 19.504 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BP013472.D  
Acq: 12 Jan 2023 23:08

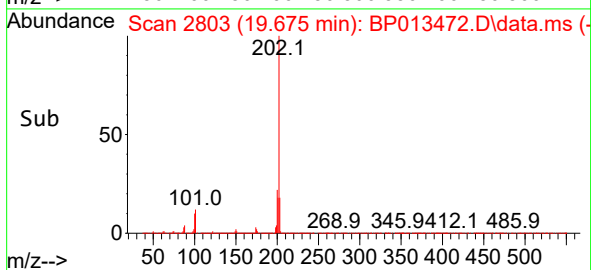
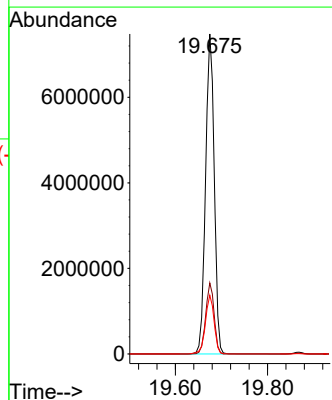
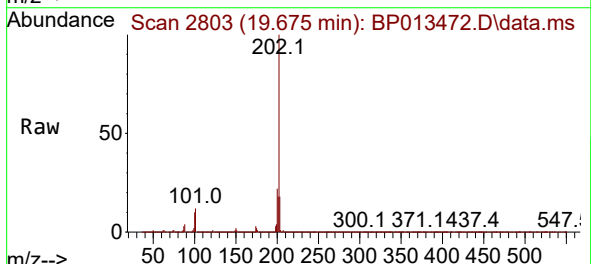
Instrument :  
BNA\_P  
ClientSampleId :  
PB150142BS

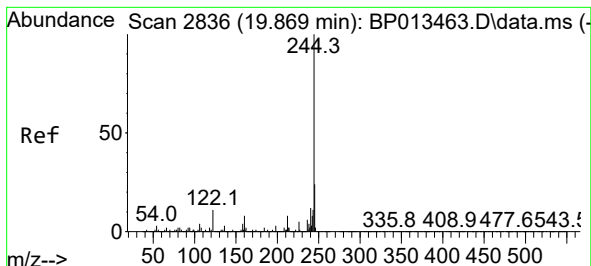
Tgt Ion:184 Resp: 5360343  
Ion Ratio Lower Upper  
184 100  
185 14.2 11.3 16.9  
183 11.6 9.1 13.7



#78  
Pyrene  
Concen: 48.944 ng  
RT: 19.675 min Scan# 2803  
Delta R.T. -0.006 min  
Lab File: BP013472.D  
Acq: 12 Jan 2023 23:08

Tgt Ion:202 Resp: 9855754  
Ion Ratio Lower Upper  
202 100  
200 22.2 17.4 26.2  
203 18.4 14.6 21.8





#79

Terphenyl-d14

Concen: 86.794 ng

RT: 19.863 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013472.D

Acq: 12 Jan 2023 23:08

Instrument :

BNA\_P

ClientSampleId :

PB150142BS

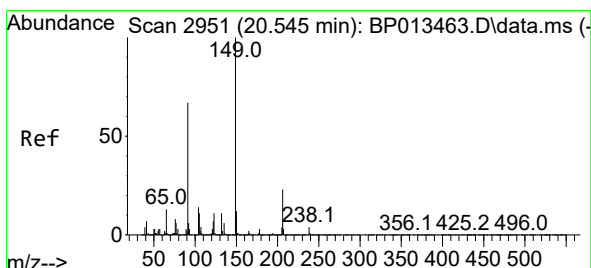
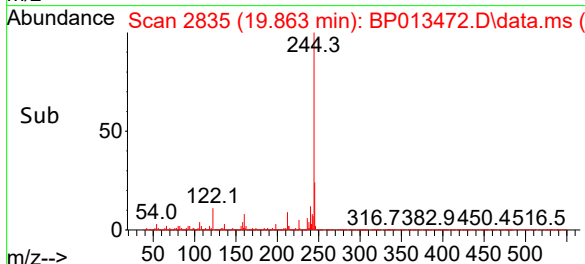
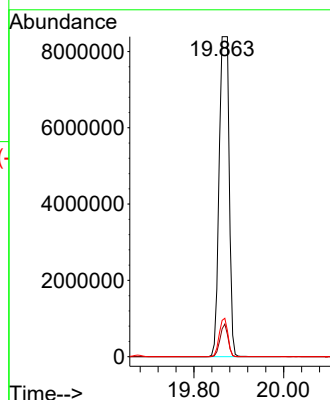
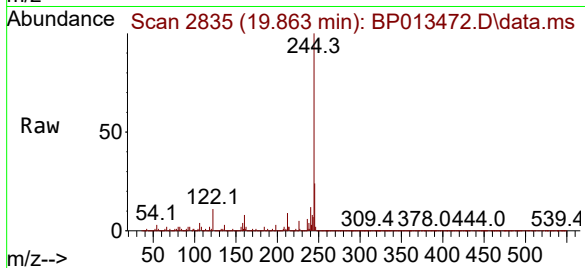
Tgt Ion:244 Resp:12998063

Ion Ratio Lower Upper

244 100

212 8.7 6.8 10.2

122 11.4 8.8 13.2



#80

Butylbenzylphthalate

Concen: 47.123 ng

RT: 20.539 min Scan# 2950

Delta R.T. -0.006 min

Lab File: BP013472.D

Acq: 12 Jan 2023 23:08

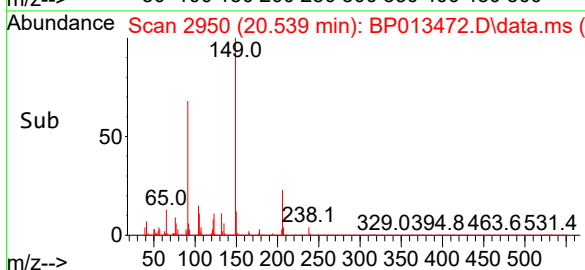
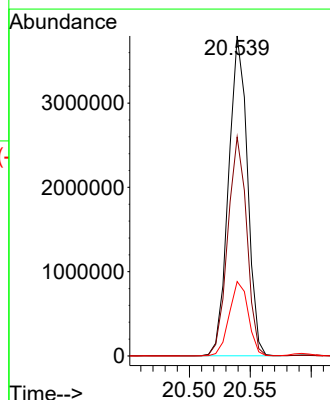
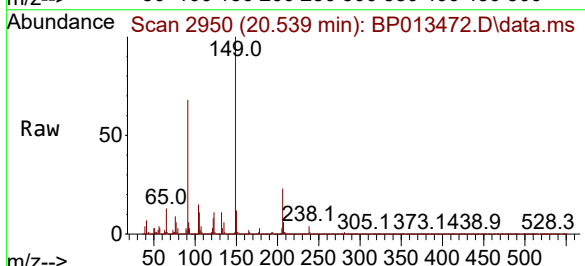
Tgt Ion:149 Resp: 4101885

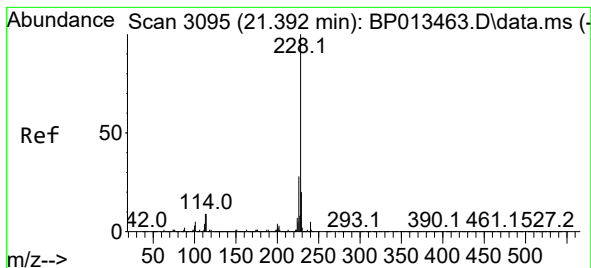
Ion Ratio Lower Upper

149 100

91 68.4 53.2 79.8

206 23.2 18.8 28.2





#81

Benzo(a)anthracene

Concen: 46.799 ng

RT: 21.386 min Scan# 3095

Delta R.T. -0.006 min

Lab File: BP013472.D

Acq: 12 Jan 2023 23:08

Instrument :

BNA\_P

ClientSampleId :

PB150142BS

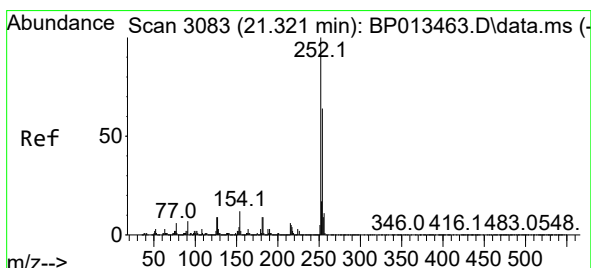
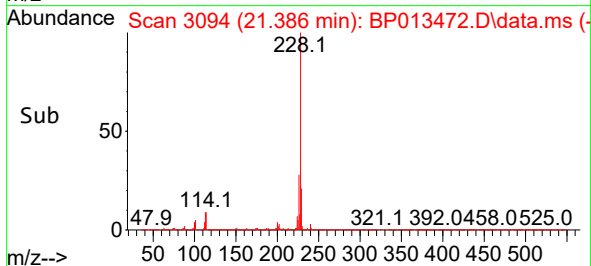
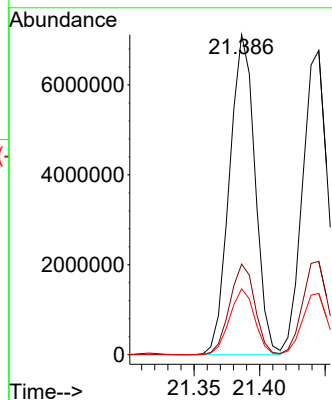
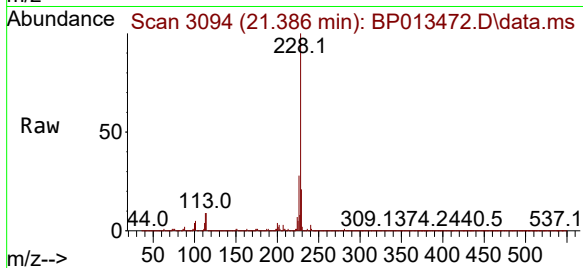
Tgt Ion:228 Resp: 9649376

Ion Ratio Lower Upper

228 100

226 28.3 22.6 34.0

229 20.5 16.4 24.6



#82

3,3'-Dichlorobenzidine

Concen: 29.410 ng

RT: 21.316 min Scan# 3082

Delta R.T. -0.006 min

Lab File: BP013472.D

Acq: 12 Jan 2023 23:08

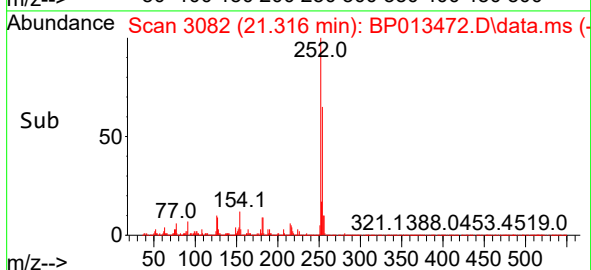
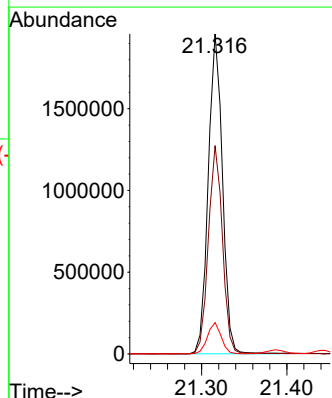
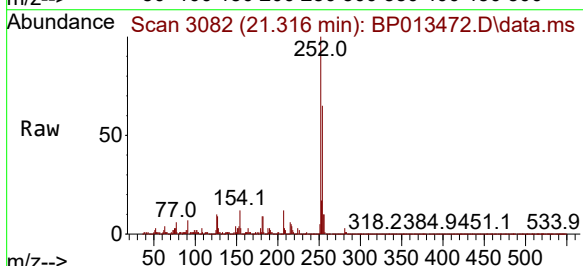
Tgt Ion:252 Resp: 2265564

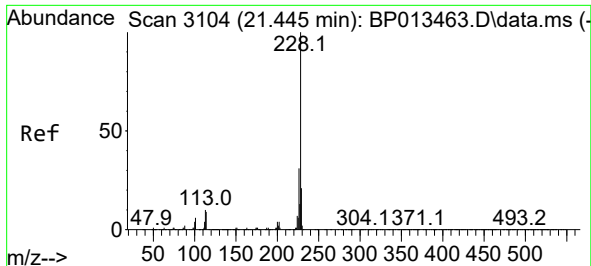
Ion Ratio Lower Upper

252 100

254 65.1 51.0 76.6

126 9.8 7.6 11.4





#83

Chrysene

Concen: 45.823 ng

RT: 21.445 min Scan# 3104

Delta R.T. 0.000 min

Lab File: BP013472.D

Acq: 12 Jan 2023 23:08

Instrument :

BNA\_P

ClientSampleId :

PB150142BS

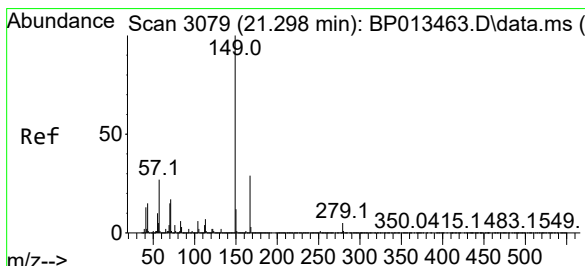
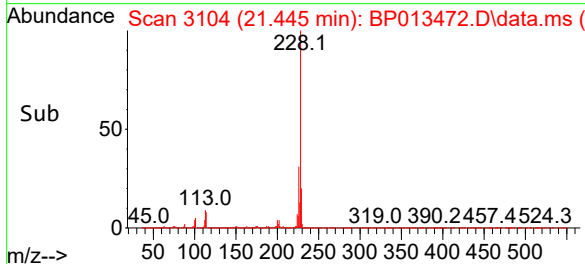
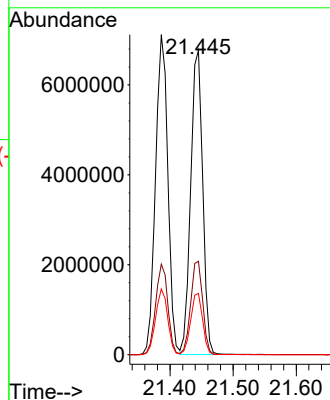
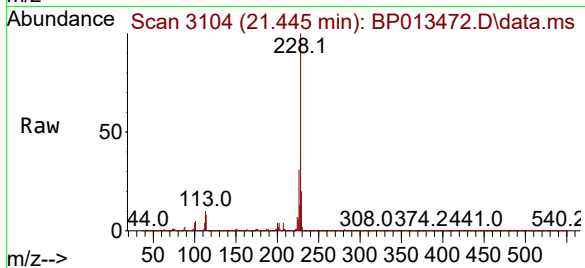
Tgt Ion:228 Resp: 8927062

Ion Ratio Lower Upper

228 100

226 30.7 25.1 37.7

229 20.1 16.5 24.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.144 ng

RT: 21.298 min Scan# 3079

Delta R.T. 0.000 min

Lab File: BP013472.D

Acq: 12 Jan 2023 23:08

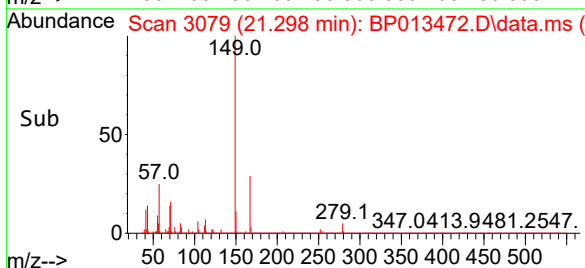
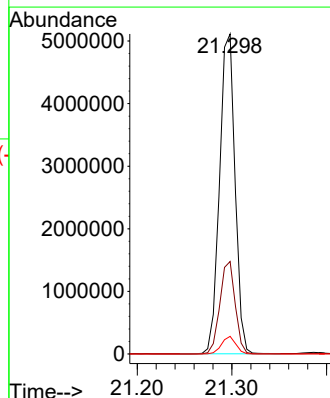
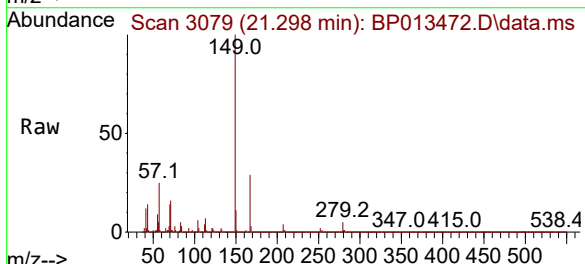
Tgt Ion:149 Resp: 5812585

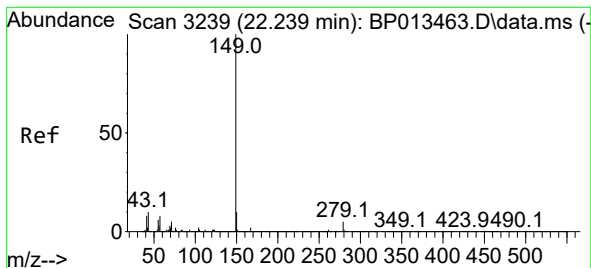
Ion Ratio Lower Upper

149 100

167 28.9 23.0 34.4

279 5.5 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 44.469 ng

RT: 22.239 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP013472.D

Acq: 12 Jan 2023 23:08

Instrument :

BNA\_P

ClientSampleId :

PB150142BS

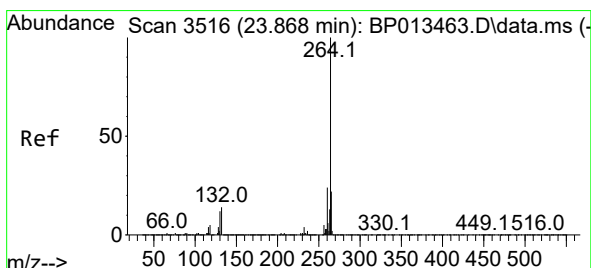
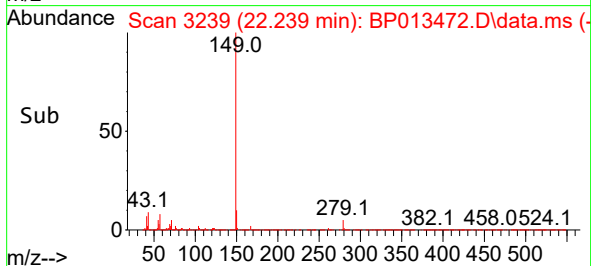
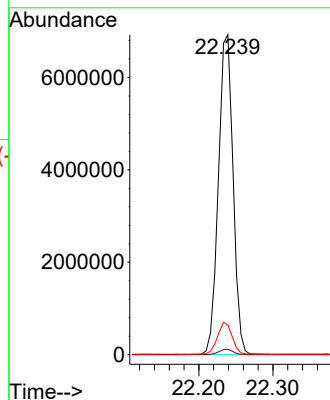
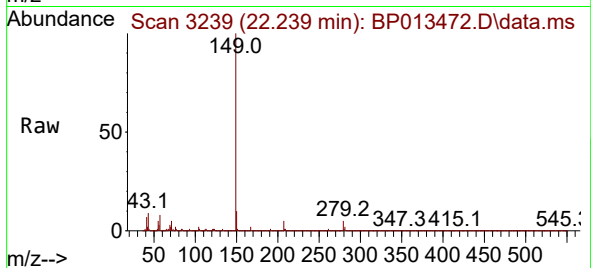
Tgt Ion:149 Resp: 9509386

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.9 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.863 min Scan# 3515

Delta R.T. -0.006 min

Lab File: BP013472.D

Acq: 12 Jan 2023 23:08

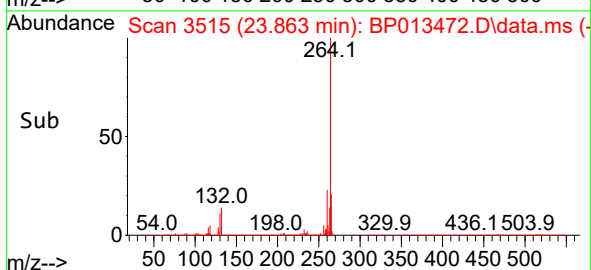
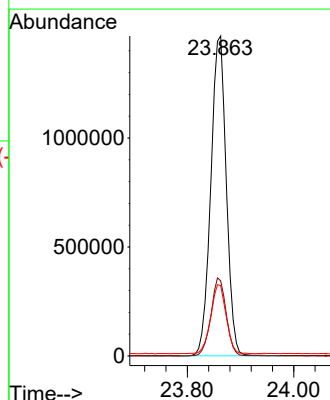
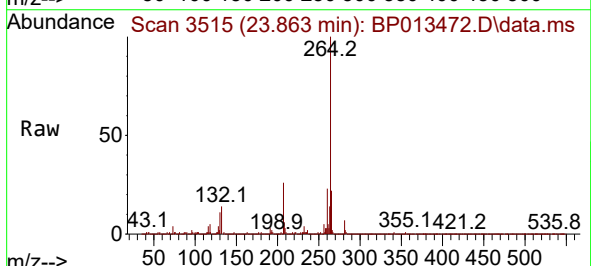
Tgt Ion:264 Resp: 2953448

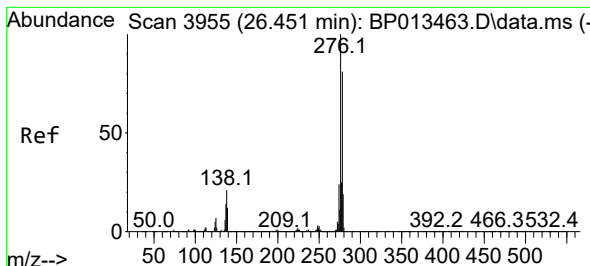
Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.2

265 22.1 18.1 27.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.187 ng

RT: 26.433 min Scan# 3955

Delta R.T. -0.018 min

Lab File: BP013472.D

Acq: 12 Jan 2023 23:08

Instrument :

BNA\_P

ClientSampleId :

PB150142BS

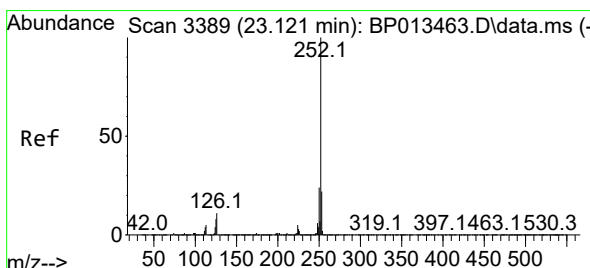
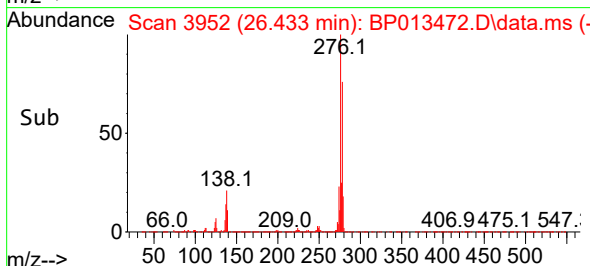
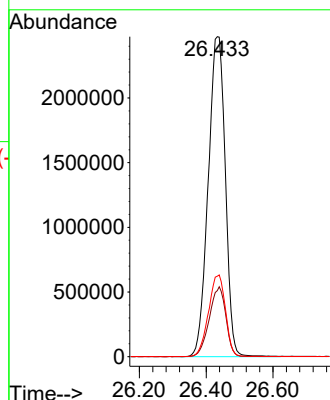
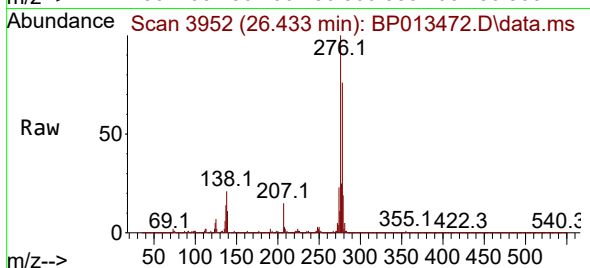
Tgt Ion:276 Resp: 8797051

Ion Ratio Lower Upper

276 100

138 21.1 17.0 25.4

277 25.3 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 51.214 ng

RT: 23.110 min Scan# 3387

Delta R.T. -0.012 min

Lab File: BP013472.D

Acq: 12 Jan 2023 23:08

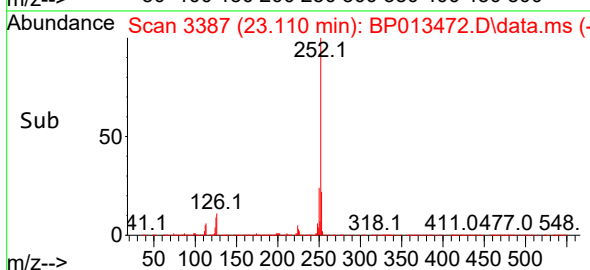
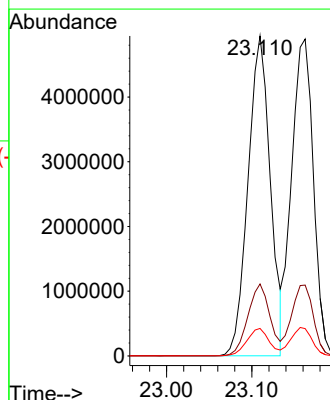
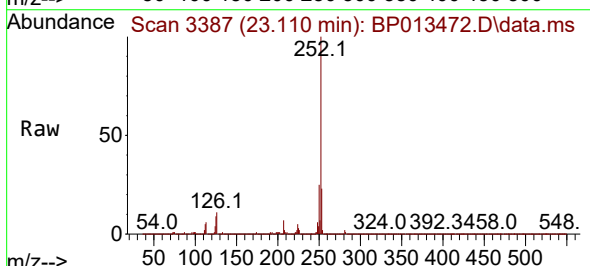
Tgt Ion:252 Resp: 8980930

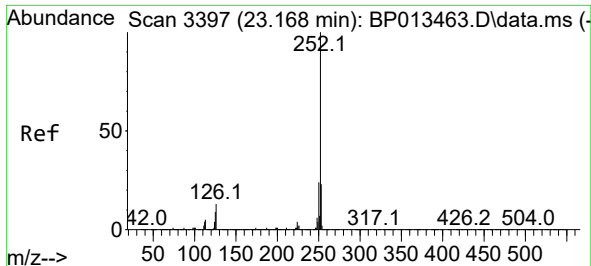
Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.6

125 8.6 6.7 10.1

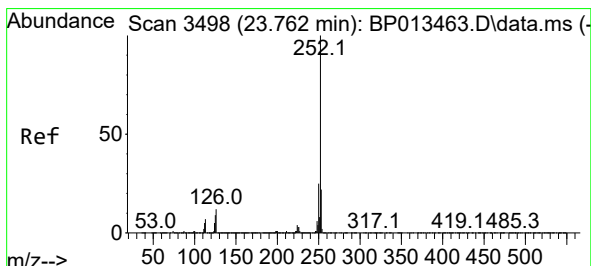
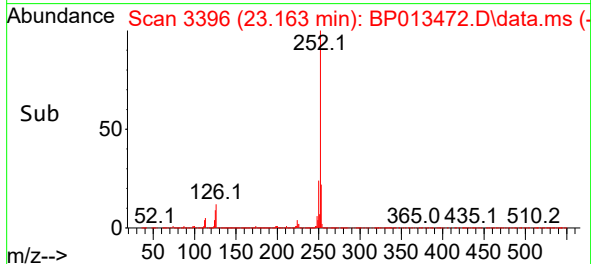
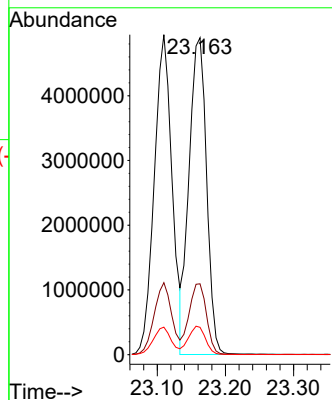
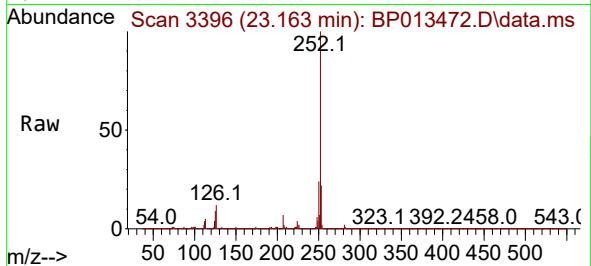




#89  
Benzo(k)fluoranthene  
Concen: 51.039 ng  
RT: 23.163 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BP013472.D  
Acq: 12 Jan 2023 23:08

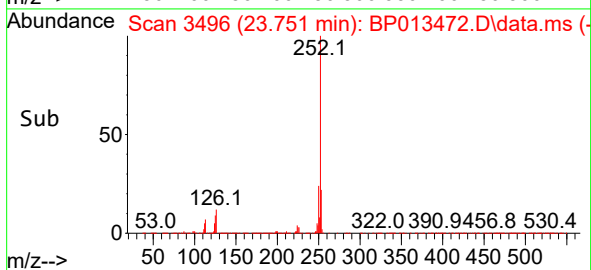
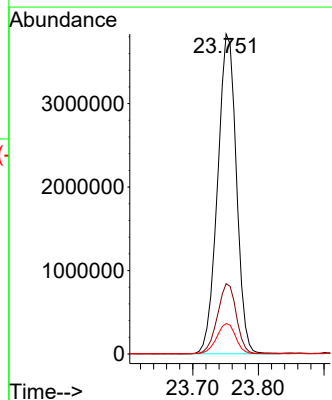
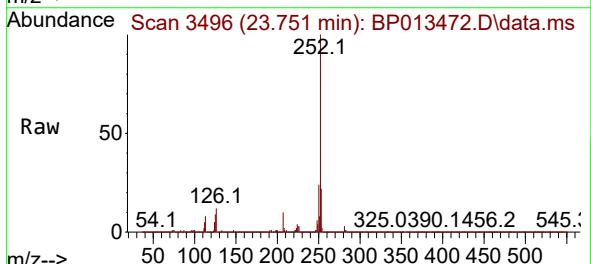
Instrument :  
BNA\_P  
ClientSampleId :  
PB150142BS

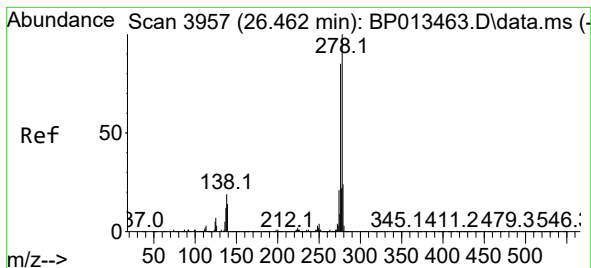
Tgt Ion:252 Resp: 8687263  
Ion Ratio Lower Upper  
252 100  
253 22.3 18.1 27.1  
125 8.6 6.9 10.3



#90  
Benzo(a)pyrene  
Concen: 44.139 ng  
RT: 23.751 min Scan# 3496  
Delta R.T. -0.012 min  
Lab File: BP013472.D  
Acq: 12 Jan 2023 23:08

Tgt Ion:252 Resp: 7603991  
Ion Ratio Lower Upper  
252 100  
253 22.0 18.0 27.0  
125 9.5 7.6 11.4





#91

Dibenzo(a,h)anthracene

Concen: 41.418 ng

RT: 26.445 min Scan# 3954

Delta R.T. -0.018 min

Lab File: BP013472.D

Acq: 12 Jan 2023 23:08

Instrument :

BNA\_P

ClientSampleId :

PB150142BS

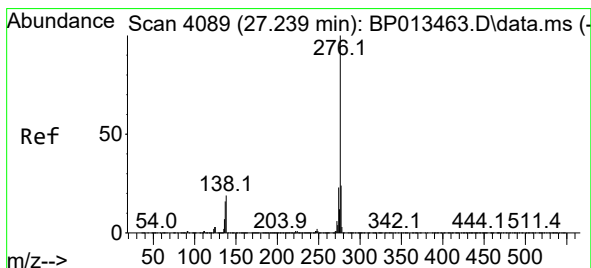
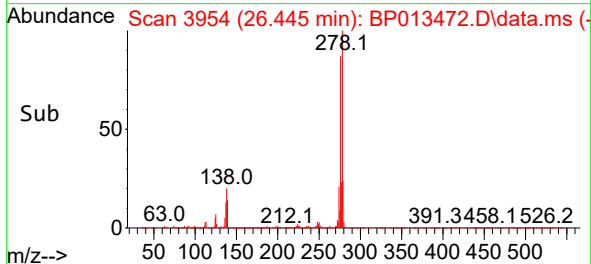
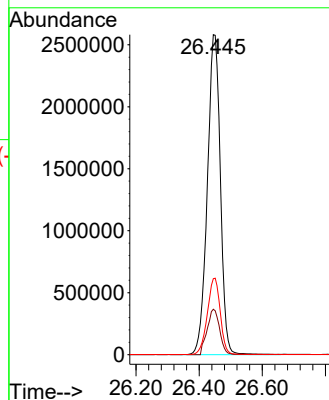
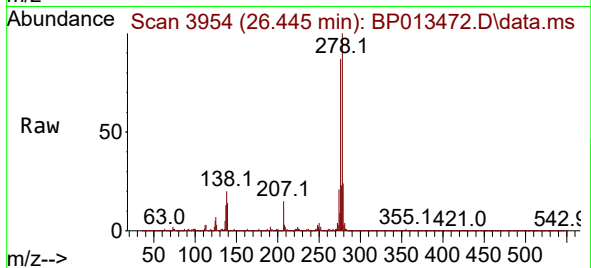
Tgt Ion:278 Resp: 7365692

Ion Ratio Lower Upper

278 100

139 14.2 11.1 16.7

279 23.7 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 40.518 ng

RT: 27.221 min Scan# 4086

Delta R.T. -0.018 min

Lab File: BP013472.D

Acq: 12 Jan 2023 23:08

Tgt Ion:276 Resp: 7109676

Ion Ratio Lower Upper

276 100

277 24.5 19.3 28.9

138 18.2 15.3 22.9

