

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP012323\  
 Data File : BP013557.D  
 Acq On : 23 Jan 2023 20:56  
 Operator : CG/JU  
 Sample : PB150341BS  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB150341BS

Quant Time: Jan 24 05:49:26 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP012323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 24 04:44:15 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.164  | 152  | 320903   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.993 | 136  | 1208139  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.799 | 164  | 627280   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.551 | 188  | 1135634  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.628 | 240  | 838750   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12              | 24.216 | 264  | 878451   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.693  | 112  | 2765319  | 147.645 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.305  | 99   | 3328220  | 132.033 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.334  | 82   | 1842430  | 100.676 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.287 | 330  | 968768   | 153.971 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.428 | 172  | 4247194  | 92.940  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.081 | 244  | 4932785  | 105.801 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.534  | 88   | 309068   | 40.934  | ng    | 97       |
| 3) Pyridine                   | 3.940  | 79   | 850064   | 37.925  | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.852  | 42   | 439087   | 43.326  | ng    | 100      |
| 6) Aniline                    | 7.475  | 93   | 1044094  | 30.833  | ng    | 99       |
| 8) 2-Chlorophenol             | 7.722  | 128  | 987208   | 47.767  | ng    | 99       |
| 9) Benzaldehyde               | 7.287  | 77   | 441403   | 27.652  | ng    | 99       |
| 10) Phenol                    | 7.334  | 94   | 1191119  | 45.608  | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.575  | 93   | 956737   | 44.802  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 8.052  | 146  | 1122903  | 49.131  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 8.199  | 146  | 1134183  | 48.941  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.522  | 146  | 1085997  | 48.396  | ng    | 99       |
| 15) Benzyl Alcohol            | 8.399  | 79   | 767146   | 42.596  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.699  | 45   | 1293270  | 44.227  | ng    | 99       |
| 17) 2-Methylphenol            | 8.599  | 107  | 787309   | 41.509  | ng    | 99       |
| 18) Hexachloroethane          | 9.264  | 117  | 398668   | 51.467  | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 8.975  | 70   | 665419   | 40.984  | ng    | 98       |
| 20) 3+4-Methylphenols         | 8.928  | 107  | 1021370  | 40.912  | ng    | 98       |
| 22) Acetophenone              | 8.993  | 105  | 1410082  | 45.496  | ng    | # 99     |
| 24) Nitrobenzene              | 9.381  | 77   | 965184   | 49.052  | ng    | 98       |
| 25) Isophorone                | 9.905  | 82   | 1794676  | 41.345  | ng    | 99       |
| 26) 2-Nitrophenol             | 10.093 | 139  | 367629   | 50.593  | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 10.146 | 122  | 868635   | 46.357  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 10.387 | 93   | 1160945  | 44.381  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 10.628 | 162  | 819886   | 47.569  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.852 | 180  | 954517   | 48.527  | ng    | 99       |
| 31) Naphthalene               | 11.046 | 128  | 2932821  | 45.155  | ng    | 99       |
| 32) Benzoic acid              | 10.263 | 122  | 381086   | 44.333  | ng    | 97       |
| 33) 4-Chloroaniline           | 11.146 | 127  | 290244   | 10.099  | ng    | 98       |
| 34) Hexachlorobutadiene       | 11.328 | 225  | 557930   | 48.742  | ng    | 100      |
| 35) Caprolactam               | 11.916 | 113  | 227094   | 40.640  | ng    | 95       |
| 36) 4-Chloro-3-methylphenol   | 12.252 | 107  | 796643   | 42.441  | ng    | 96       |
| 37) 2-Methylnaphthalene       | 12.640 | 142  | 1936882  | 41.954  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.857 | 142  | 1784304  | 41.131  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.999 | 216  | 961798   | 49.803  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.981 | 237  | 1270330  | 123.086 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 13.234 | 196  | 570841   | 50.504  | ng    | 99       |

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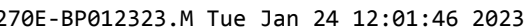
Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB150341BS

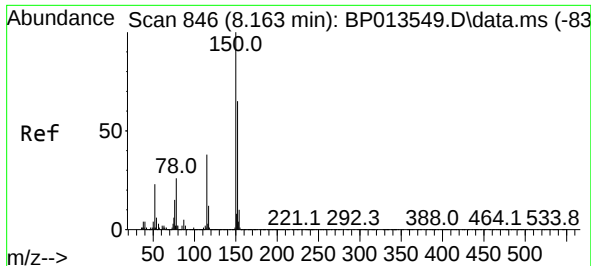
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 24 04:44:15 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.304 | 196  | 619438   | 46.378 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.634 | 154  | 2392128  | 47.484 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.681 | 162  | 1814293  | 48.072 | ng    | 100      |
| 48) 2-Nitroaniline            | 13.875 | 65   | 414876   | 44.482 | ng    | 94       |
| 49) Acenaphthylene            | 14.522 | 152  | 2806402  | 45.469 | ng    | 99       |
| 50) Dimethylphthalate         | 14.246 | 163  | 2044961  | 43.856 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.363 | 165  | 407848   | 45.113 | ng    | 97       |
| 52) Acenaphthene              | 14.863 | 154  | 1843955  | 48.364 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.693 | 138  | 231603   | 25.124 | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 14.898 | 184  | 293308   | 83.876 | ng    | 95       |
| 55) Dibenzofuran              | 15.198 | 168  | 2588413  | 44.274 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.987 | 139  | 725164   | 91.047 | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 15.146 | 165  | 530601   | 48.974 | ng    | 94       |
| 58) Fluorene                  | 15.845 | 166  | 2018828  | 43.446 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.416 | 232  | 490726   | 47.850 | ng    | 99       |
| 60) Diethylphthalate          | 15.610 | 149  | 1990380  | 43.704 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.834 | 204  | 1000654  | 43.795 | ng    | 99       |
| 62) 4-Nitroaniline            | 15.857 | 138  | 420835   | 42.671 | ng    | 97       |
| 63) Azobenzene                | 16.128 | 77   | 1882282  | 42.534 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.910 | 198  | 187438   | 51.041 | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 16.045 | 169  | 1724339  | 46.561 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.734 | 248  | 587782   | 46.726 | ng    | 98       |
| 68) Hexachlorobenzene         | 16.851 | 284  | 684373   | 50.367 | ng    | 100      |
| 69) Atrazine                  | 16.998 | 200  | 556038   | 52.475 | ng    | 98       |
| 70) Pentachlorophenol         | 17.192 | 266  | 752263   | 82.754 | ng    | 99       |
| 71) Phenanthrene              | 17.592 | 178  | 2926130  | 46.311 | ng    | 100      |
| 72) Anthracene                | 17.687 | 178  | 2957937  | 46.125 | ng    | 100      |
| 73) Carbazole                 | 17.945 | 167  | 2675140  | 46.418 | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.487 | 149  | 3105839  | 48.421 | ng    | 100      |
| 75) Fluoranthene              | 19.539 | 202  | 3016393  | 44.892 | ng    | 99       |
| 77) Benzidine                 | 19.710 | 184  | 1175496  | 55.724 | ng    | 99       |
| 78) Pyrene                    | 19.892 | 202  | 3117255  | 48.606 | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.751 | 149  | 1095049  | 53.628 | ng    | 96       |
| 81) Benzo(a)anthracene        | 21.610 | 228  | 2732957  | 46.771 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.533 | 252  | 546009   | 29.001 | ng    | 99       |
| 83) Chrysene                  | 21.669 | 228  | 2602703  | 46.570 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.522 | 149  | 1599069  | 48.932 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 22.516 | 149  | 2559341  | 48.577 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 26.963 | 276  | 3470425  | 53.635 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 23.422 | 252  | 2719745  | 50.328 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 23.474 | 252  | 2661149  | 48.281 | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.104 | 252  | 2373965  | 45.286 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 26.980 | 278  | 2936552  | 54.106 | ng    | 100      |
| 92) Benzo(g,h,i)perylene      | 27.810 | 276  | 2865279  | 54.085 | ng    | 100      |

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

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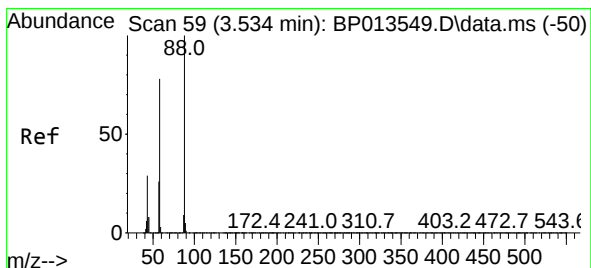
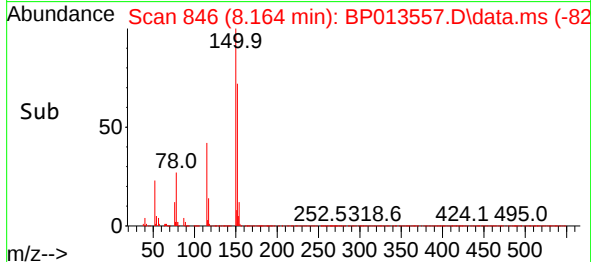
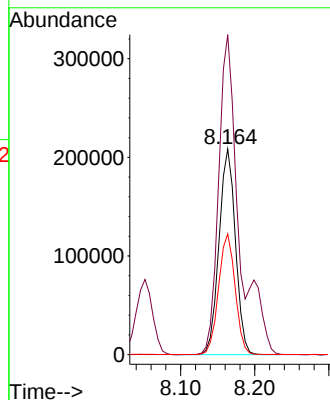
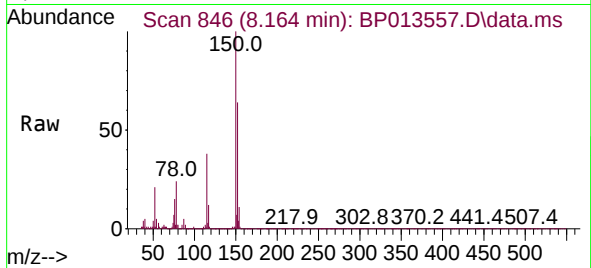




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.164 min Scan# 846  
Delta R.T. 0.001 min  
Lab File: BP013557.D  
Acq: 23 Jan 2023 20:56

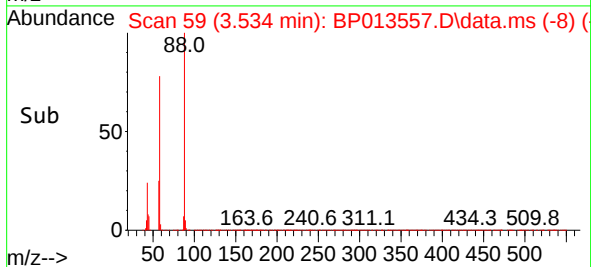
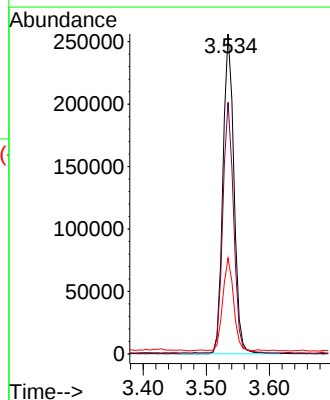
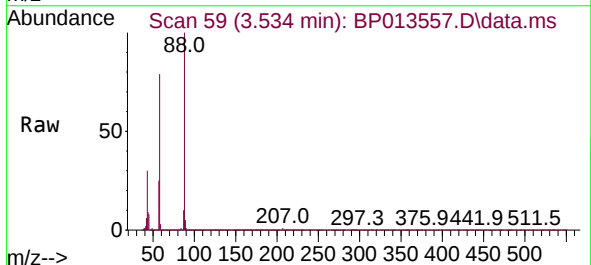
Instrument :  
BNA\_P  
ClientSampleId :  
PB150341BS

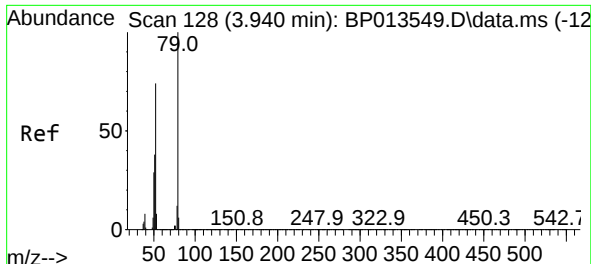
Tgt Ion:152 Resp: 320903  
Ion Ratio Lower Upper  
152 100  
150 155.6 122.4 183.6  
115 58.7 46.1 69.1



#2  
1,4-Dioxane  
Concen: 40.934 ng  
RT: 3.534 min Scan# 59  
Delta R.T. 0.000 min  
Lab File: BP013557.D  
Acq: 23 Jan 2023 20:56

Tgt Ion: 88 Resp: 309068  
Ion Ratio Lower Upper  
88 100  
58 76.7 63.6 95.4  
43 28.2 24.2 36.2

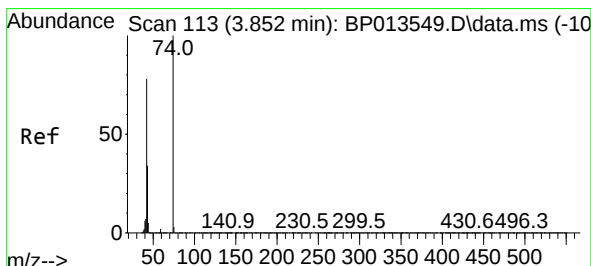
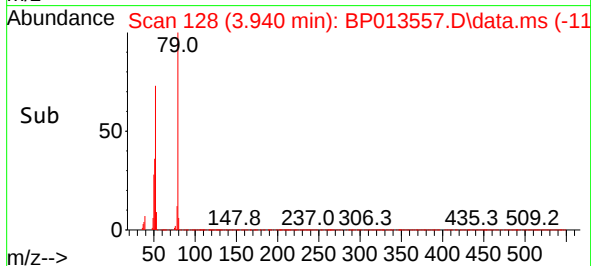
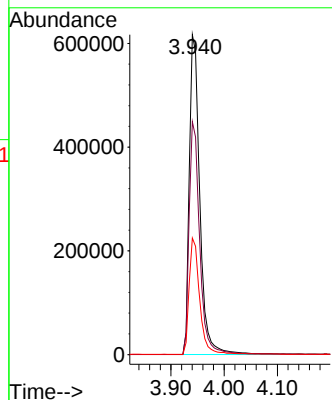
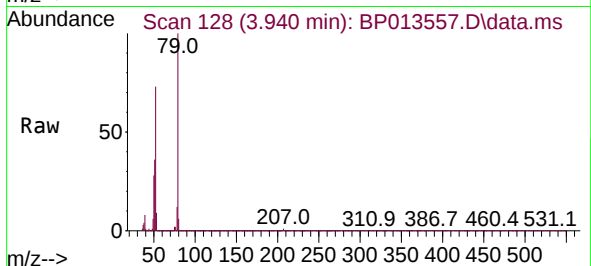




#3  
Pyridine  
Concen: 37.925 ng  
RT: 3.940 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BP013557.D  
Acq: 23 Jan 2023 20:56

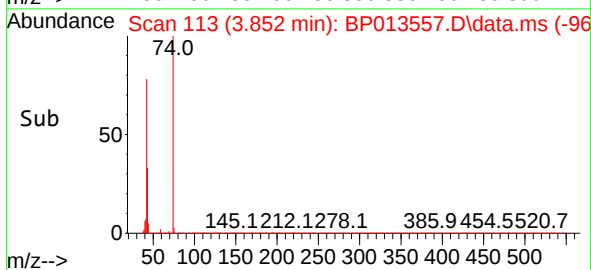
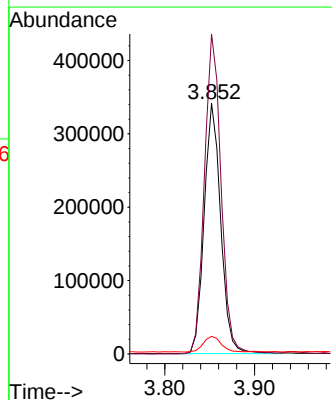
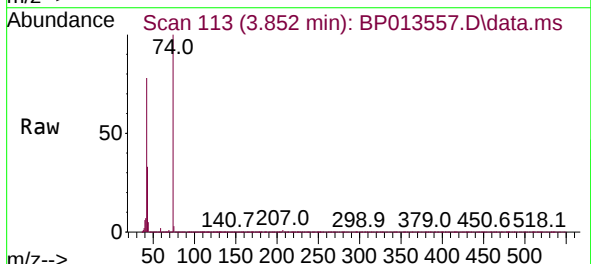
Instrument :  
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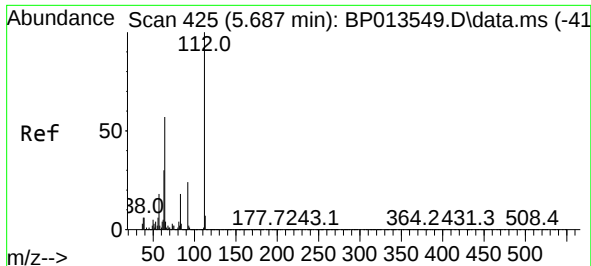
Tgt Ion: 79 Resp: 850064  
Ion Ratio Lower Upper  
79 100  
52 72.8 59.4 89.2  
51 36.4 30.6 45.8



#4  
n-Nitrosodimethylamine  
Concen: 43.326 ng  
RT: 3.852 min Scan# 113  
Delta R.T. 0.000 min  
Lab File: BP013557.D  
Acq: 23 Jan 2023 20:56

Tgt Ion: 42 Resp: 439087  
Ion Ratio Lower Upper  
42 100  
74 127.7 102.3 153.5  
44 7.0 6.2 9.2

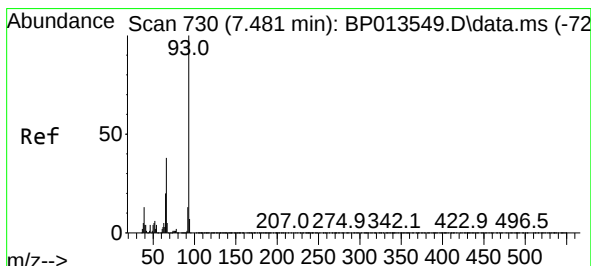
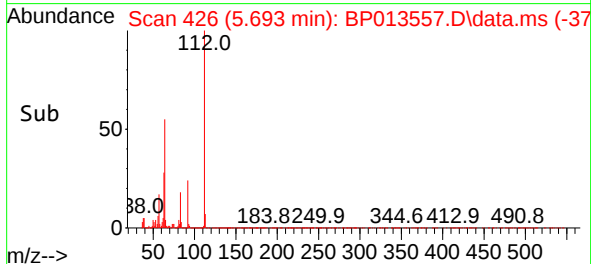
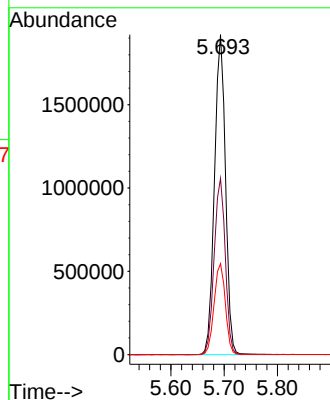
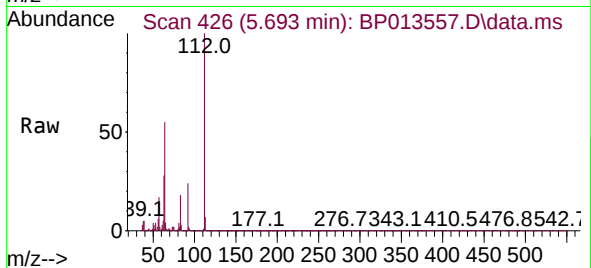




#5  
2-Fluorophenol  
Concen: 147.645 ng  
RT: 5.693 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: BP013557.D  
Acq: 23 Jan 2023 20:56

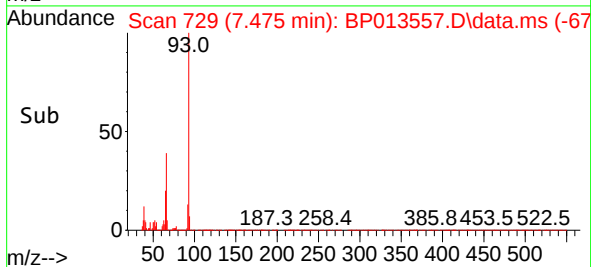
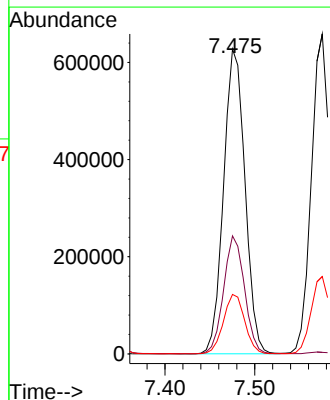
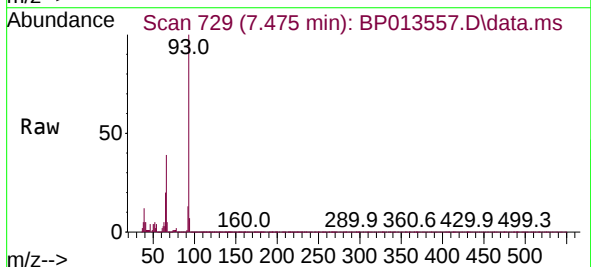
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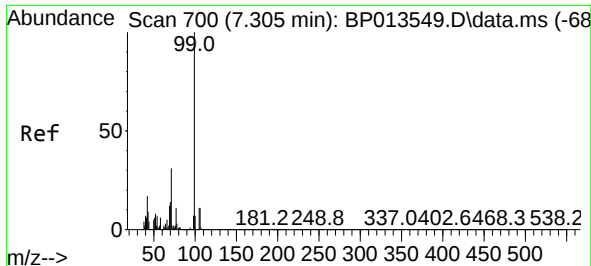
Tgt Ion:112 Resp: 2765319  
Ion Ratio Lower Upper  
112 100  
64 55.1 45.4 68.0  
63 28.4 24.1 36.1



#6  
Aniline  
Concen: 30.833 ng  
RT: 7.475 min Scan# 729  
Delta R.T. -0.006 min  
Lab File: BP013557.D  
Acq: 23 Jan 2023 20:56

Tgt Ion: 93 Resp: 1044094  
Ion Ratio Lower Upper  
93 100  
66 38.7 30.3 45.5  
65 19.5 15.9 23.9



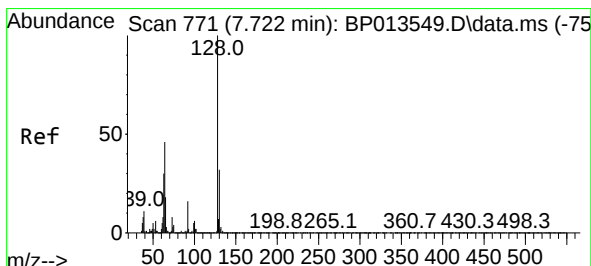
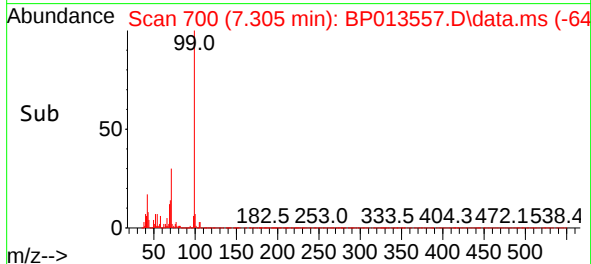
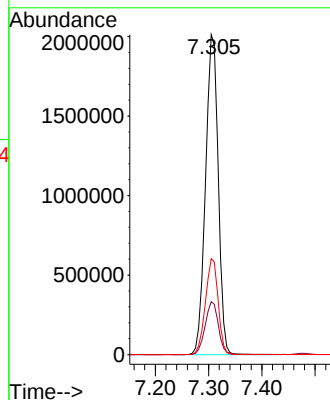
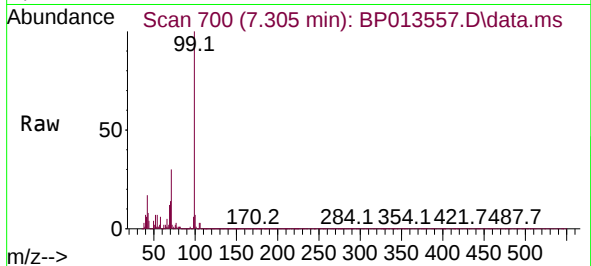


#7  
Phenol-d6  
Concen: 132.033 ng  
RT: 7.305 min Scan# 700  
Delta R.T. 0.000 min  
Lab File: BP013557.D  
Acq: 23 Jan 2023 20:56

Instrument :  
BNA\_P  
ClientSampleId :  
PB150341BS

Tgt Ion: 99 Resp: 3328220

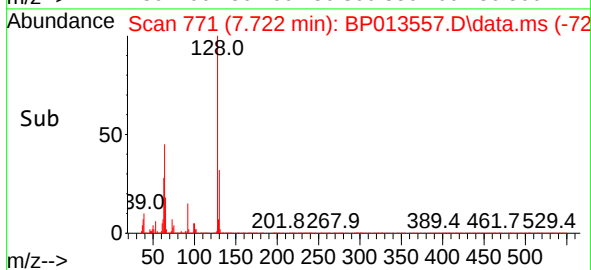
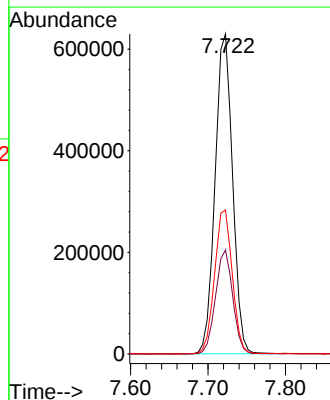
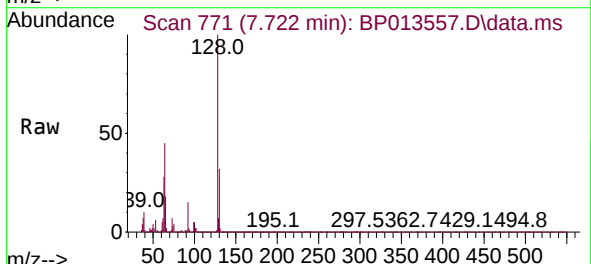
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
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| 71  | 30.0  | 24.7  | 37.1  |

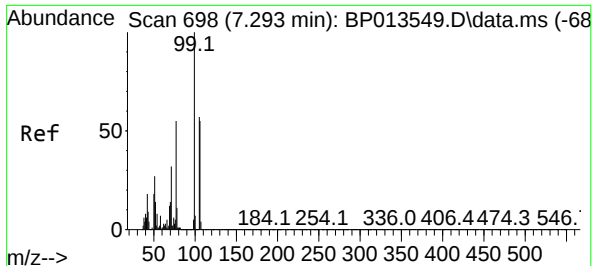


#8  
2-Chlorophenol  
Concen: 47.767 ng  
RT: 7.722 min Scan# 771  
Delta R.T. 0.000 min  
Lab File: BP013557.D  
Acq: 23 Jan 2023 20:56

Tgt Ion: 128 Resp: 987208

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.5  | 12.4  | 52.4  |
| 64  | 45.0  | 26.2  | 66.2  |

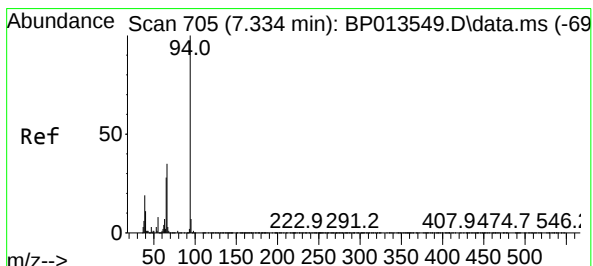
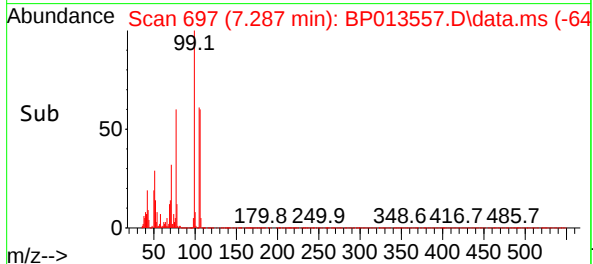
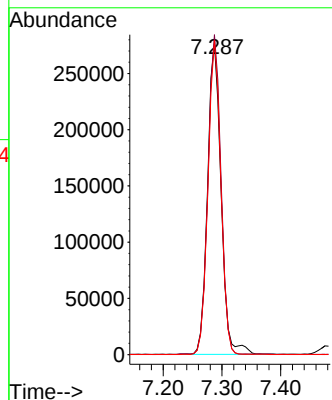
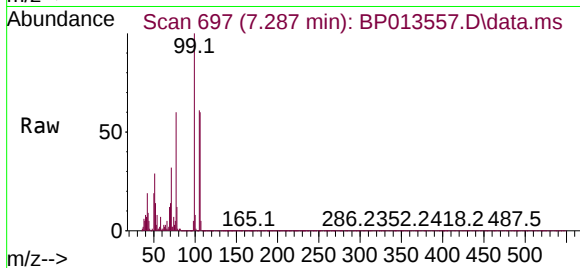




#9  
Benzaldehyde  
Concen: 27.652 ng  
RT: 7.287 min Scan# 698  
Delta R.T. -0.006 min  
Lab File: BP013557.D  
Acq: 23 Jan 2023 20:56

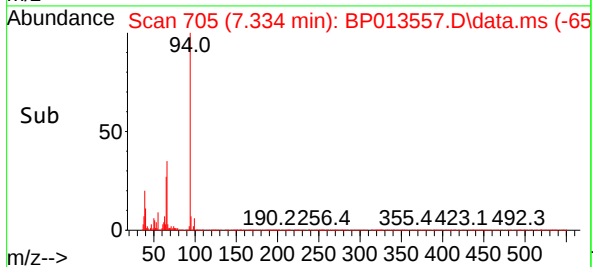
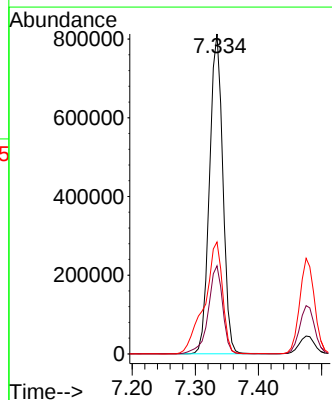
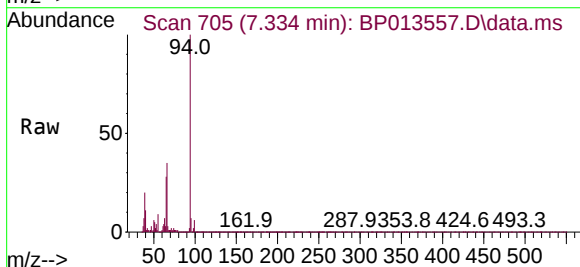
Instrument :  
BNA\_P  
ClientSampleId :  
PB150341BS

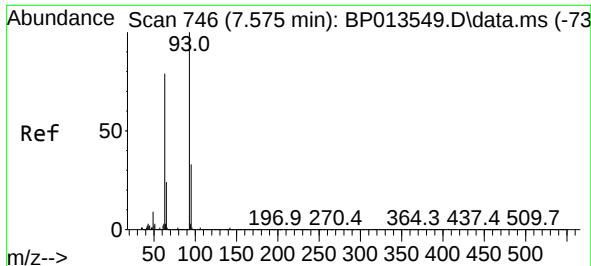
Tgt Ion: 77 Resp: 441403  
Ion Ratio Lower Upper  
77 100  
105 103.0 82.6 122.6  
106 101.2 78.9 118.9



#10  
Phenol  
Concen: 45.608 ng  
RT: 7.334 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: BP013557.D  
Acq: 23 Jan 2023 20:56

Tgt Ion: 94 Resp: 1191119  
Ion Ratio Lower Upper  
94 100  
65 27.5 7.8 47.8  
66 35.0 15.5 55.5

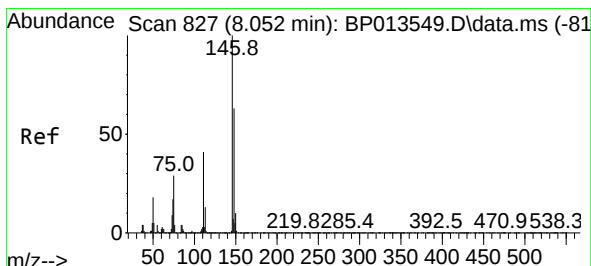
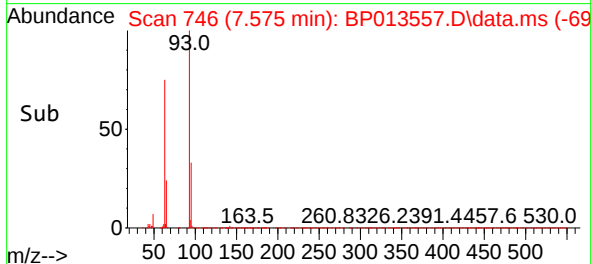
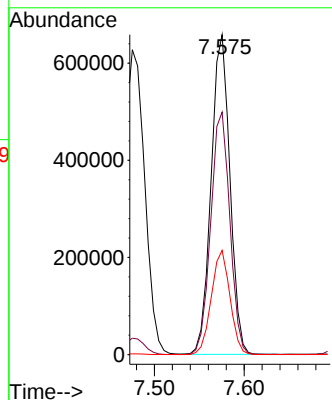
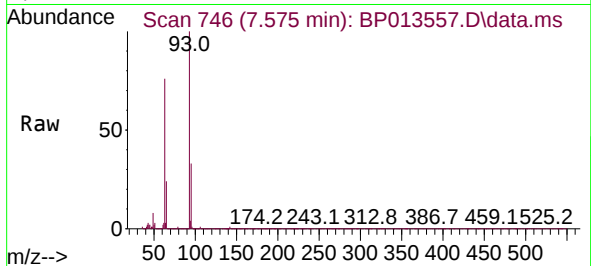




#11  
bis(2-Chloroethyl)ether  
Concen: 44.802 ng  
RT: 7.575 min Scan# 746  
Delta R.T. 0.000 min  
Lab File: BP013557.D  
Acq: 23 Jan 2023 20:56

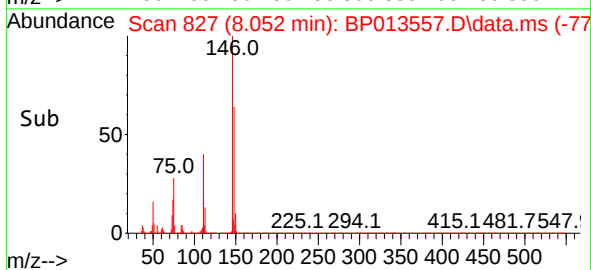
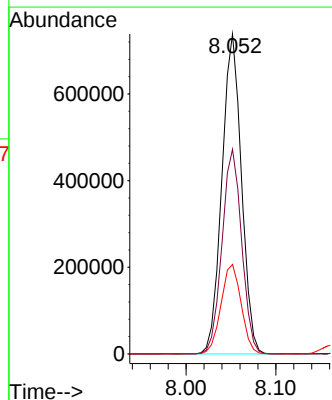
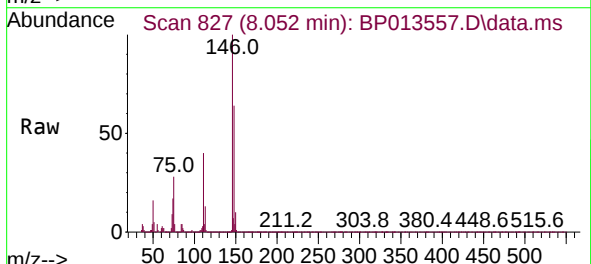
Instrument :  
BNA\_P  
ClientSampleId :  
PB150341BS

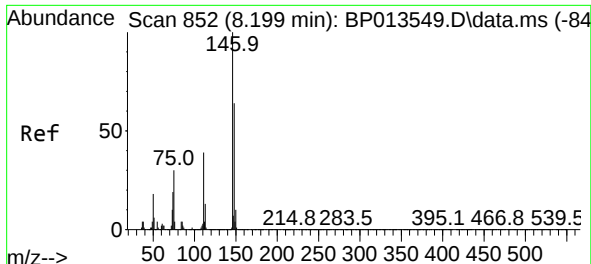
Tgt Ion: 93 Resp: 956737  
Ion Ratio Lower Upper  
93 100  
63 75.8 58.7 98.7  
95 32.6 12.8 52.8



#12  
1,3-Dichlorobenzene  
Concen: 49.131 ng  
RT: 8.052 min Scan# 827  
Delta R.T. 0.000 min  
Lab File: BP013557.D  
Acq: 23 Jan 2023 20:56

Tgt Ion: 146 Resp: 1122903  
Ion Ratio Lower Upper  
146 100  
148 63.9 50.7 76.1  
75 28.0 23.4 35.2





#13

1,4-Dichlorobenzene

Concen: 48.941 ng

RT: 8.199 min Scan# 852

Delta R.T. 0.000 min

Lab File: BP013557.D

Acq: 23 Jan 2023 20:56

Instrument :

BNA\_P

ClientSampleId :

PB150341BS

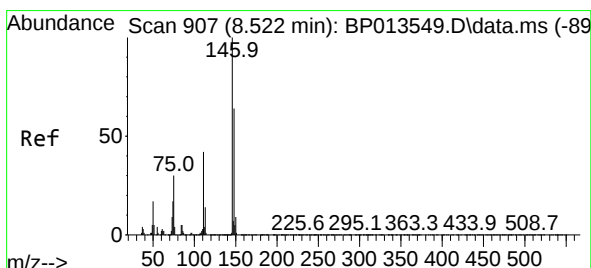
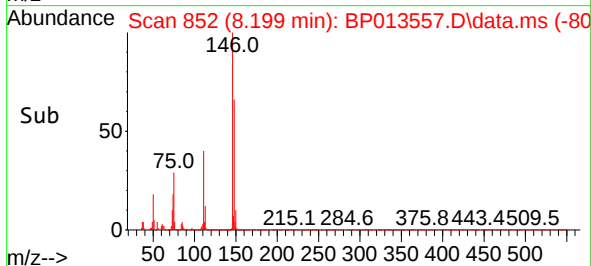
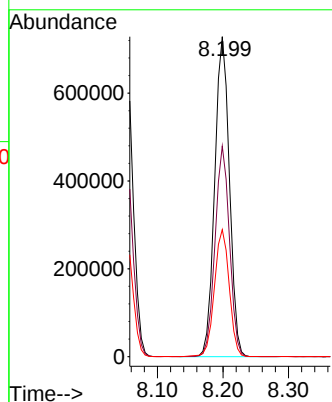
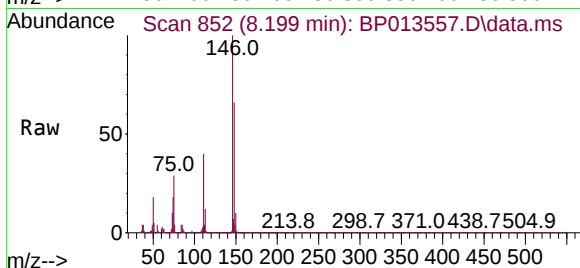
Tgt Ion:146 Resp: 1134183

Ion Ratio Lower Upper

146 100

148 65.8 51.4 77.0

111 39.7 31.4 47.2



#14

1,2-Dichlorobenzene

Concen: 48.396 ng

RT: 8.522 min Scan# 907

Delta R.T. 0.000 min

Lab File: BP013557.D

Acq: 23 Jan 2023 20:56

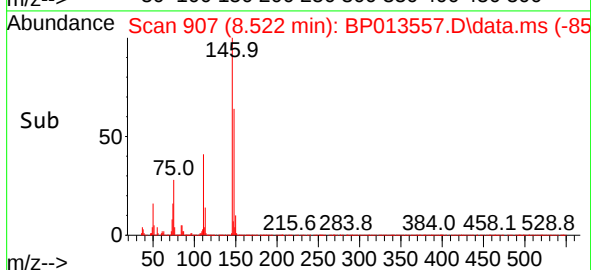
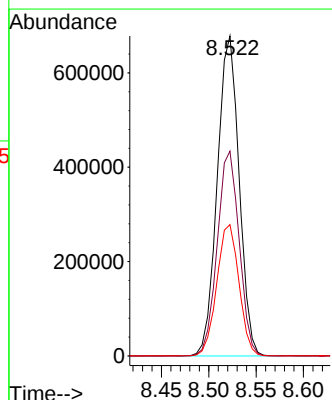
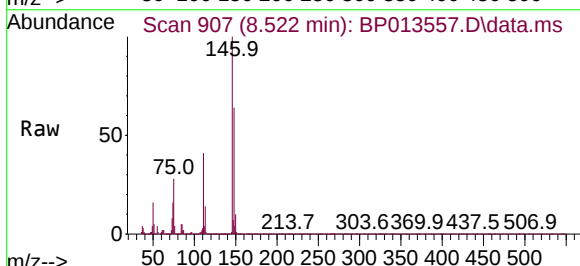
Tgt Ion:146 Resp: 1085997

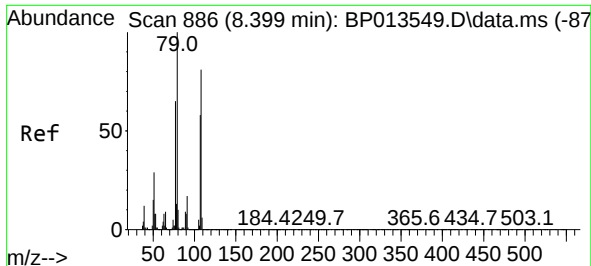
Ion Ratio Lower Upper

146 100

148 64.0 50.8 76.2

111 41.0 33.4 50.2

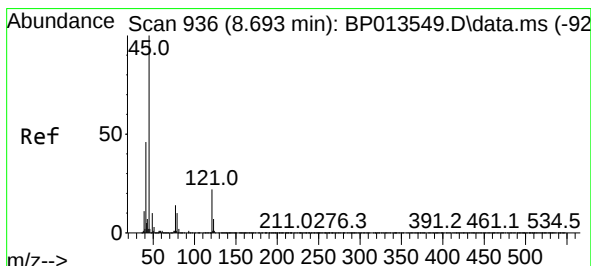
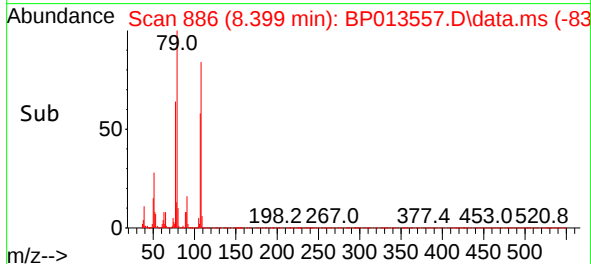
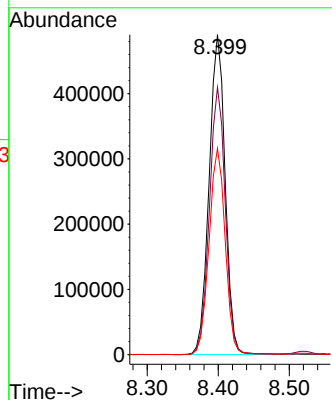
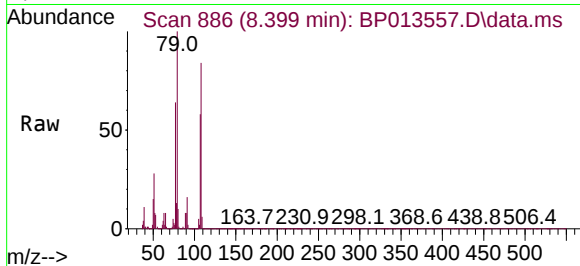




#15  
Benzyl Alcohol  
Concen: 42.596 ng  
RT: 8.399 min Scan# 886  
Delta R.T. 0.000 min  
Lab File: BP013557.D  
Acq: 23 Jan 2023 20:56

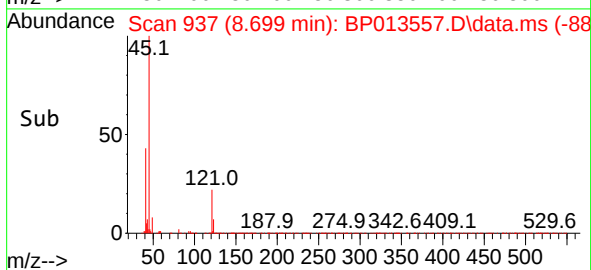
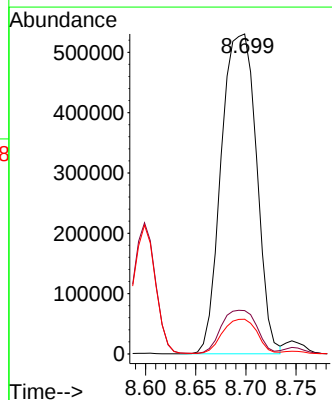
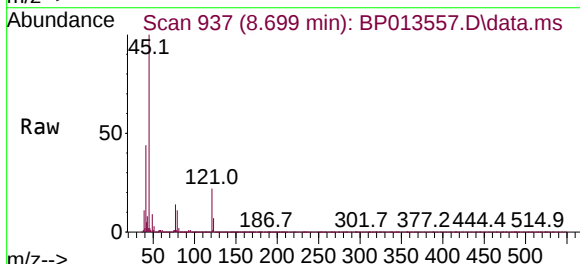
Instrument :  
BNA\_P  
ClientSampleId :  
PB150341BS

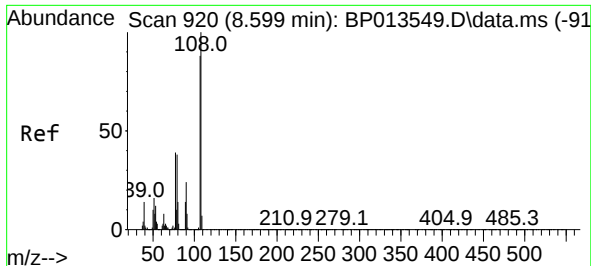
Tgt Ion: 79 Resp: 767146  
Ion Ratio Lower Upper  
79 100  
108 83.5 65.2 97.8  
77 64.4 52.3 78.5



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 44.227 ng  
RT: 8.699 min Scan# 937  
Delta R.T. 0.006 min  
Lab File: BP013557.D  
Acq: 23 Jan 2023 20:56

Tgt Ion: 45 Resp: 1293270  
Ion Ratio Lower Upper  
45 100  
77 13.5 0.0 34.2  
79 10.8 0.0 30.4

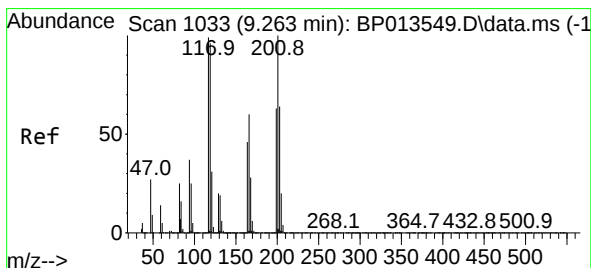
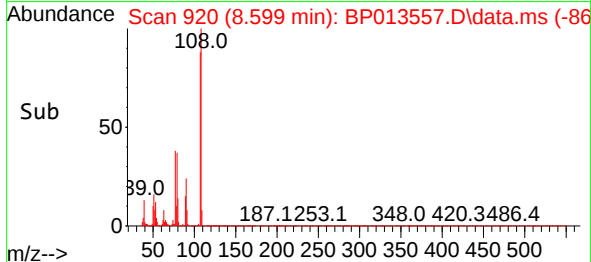
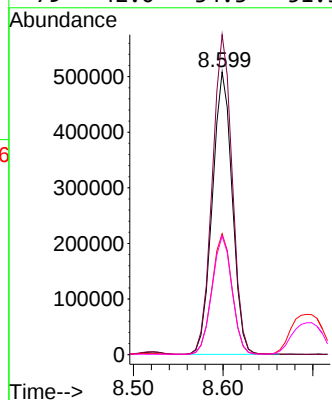
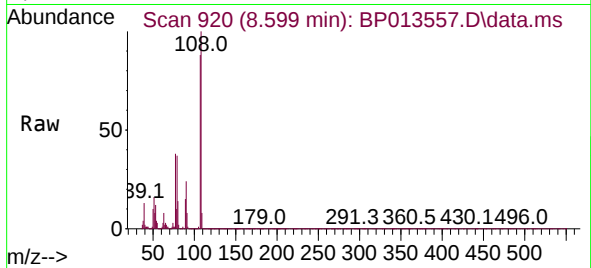




#17  
2-Methylphenol  
Concen: 41.509 ng  
RT: 8.599 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BP013557.D  
Acq: 23 Jan 2023 20:56

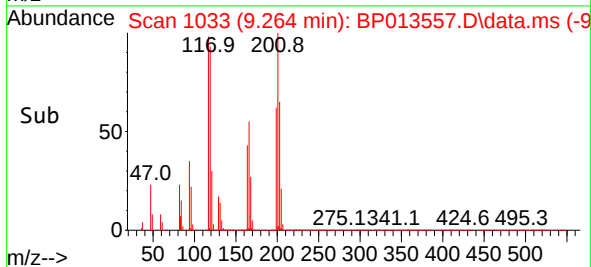
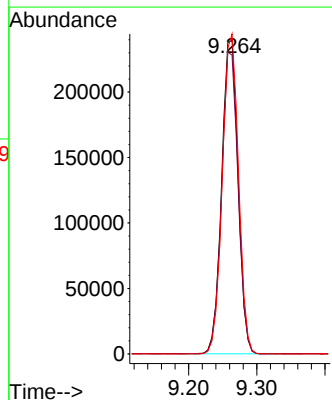
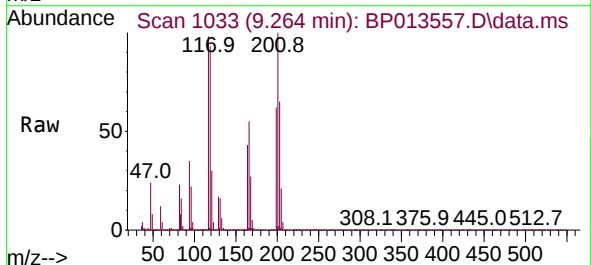
Instrument :  
BNA\_P  
ClientSampleId :  
PB150341BS

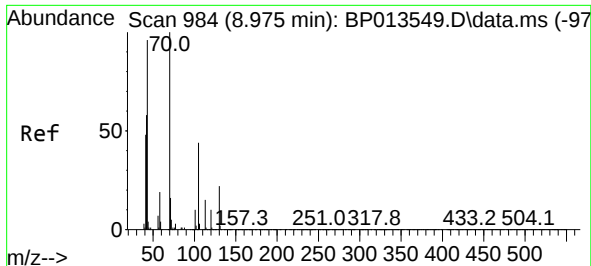
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 787309 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 113.2 | 90.5  | 135.7  |
| 77       | 42.8  | 35.4  | 53.2   |
| 79       | 42.0  | 34.3  | 51.5   |



#18  
Hexachloroethane  
Concen: 51.467 ng  
RT: 9.264 min Scan# 1033  
Delta R.T. 0.000 min  
Lab File: BP013557.D  
Acq: 23 Jan 2023 20:56

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 398668 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 95.4  | 77.0  | 115.6  |
| 201      | 102.1 | 80.6  | 120.8  |

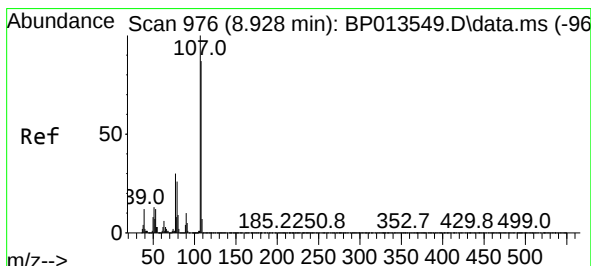
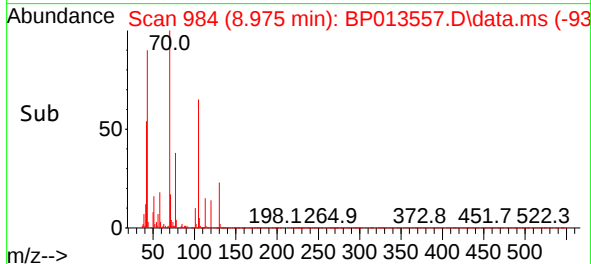
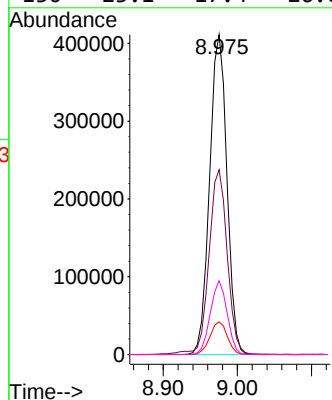
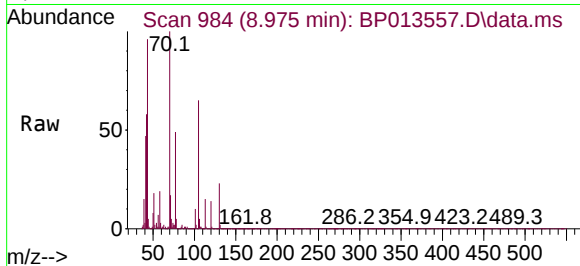




#19  
n-Nitroso-di-n-propylamine  
Concen: 40.984 ng  
RT: 8.975 min Scan# 984  
Delta R.T. 0.000 min  
Lab File: BP013557.D  
Acq: 23 Jan 2023 20:56

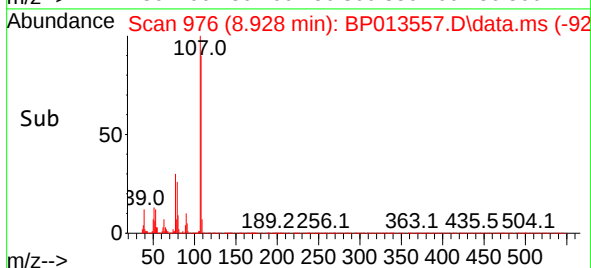
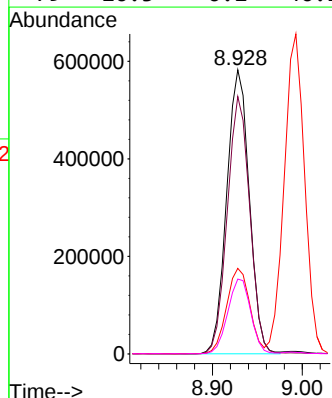
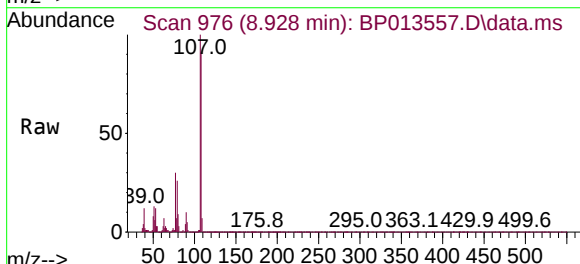
Instrument :  
BNA\_P  
ClientSampleId :  
PB150341BS

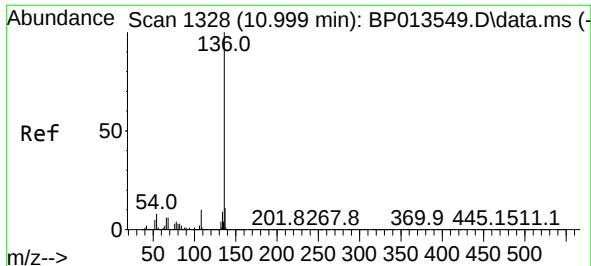
Tgt Ion: 70 Resp: 665419  
Ion Ratio Lower Upper  
70 100  
42 57.8 47.2 70.8  
101 10.2 8.0 12.0  
130 23.1 17.4 26.0



#20  
3+4-Methylphenols  
Concen: 40.912 ng  
RT: 8.928 min Scan# 976  
Delta R.T. 0.000 min  
Lab File: BP013557.D  
Acq: 23 Jan 2023 20:56

Tgt Ion: 107 Resp: 1021370  
Ion Ratio Lower Upper  
107 100  
108 90.6 67.5 107.5  
77 30.1 10.5 50.5  
79 26.3 6.2 46.2



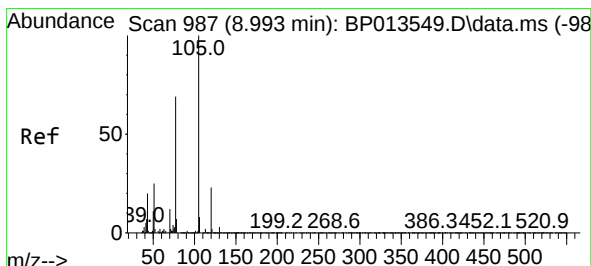
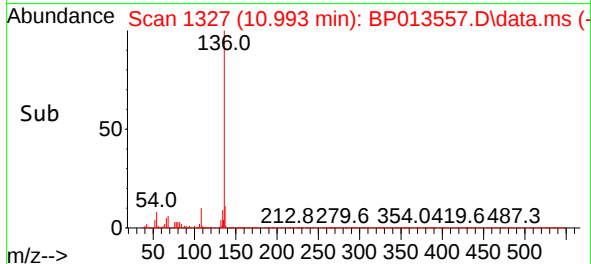
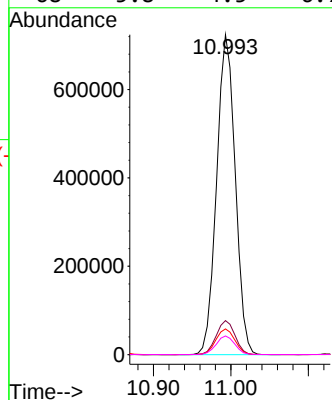
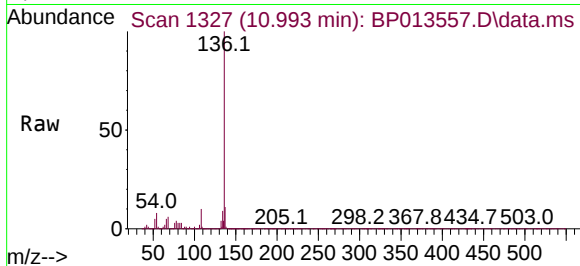


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.993 min Scan# 1328  
Delta R.T. -0.006 min  
Lab File: BP013557.D  
Acq: 23 Jan 2023 20:56

Instrument :  
BNA\_P  
ClientSampleId :  
PB150341BS

Tgt Ion:136 Resp: 1208139

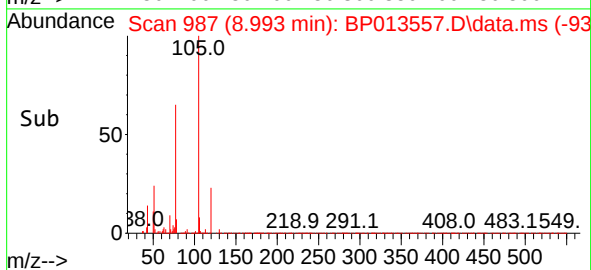
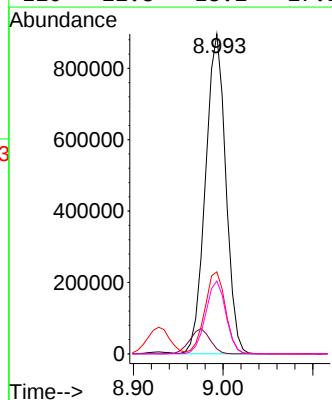
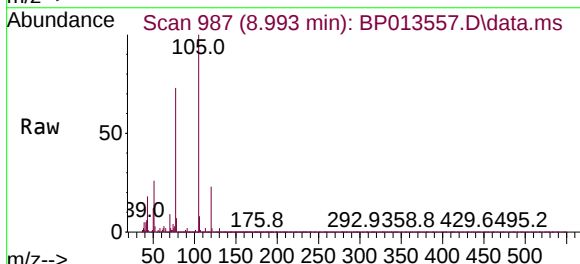
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.6  | 9.0   | 13.4  |
| 54  | 8.0   | 6.6   | 9.8   |
| 68  | 5.8   | 4.5   | 6.7   |

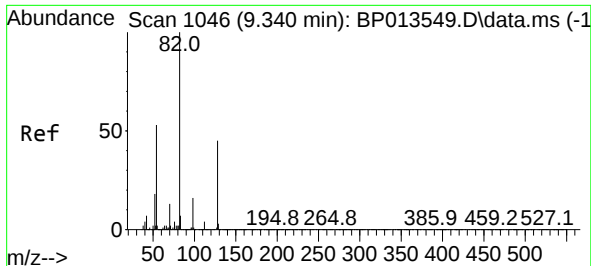


#22  
Acetophenone  
Concen: 45.496 ng  
RT: 8.993 min Scan# 987  
Delta R.T. 0.000 min  
Lab File: BP013557.D  
Acq: 23 Jan 2023 20:56

Tgt Ion:105 Resp: 1410082

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 1.6   | 1.8   | 2.8   |
| 51  | 25.6  | 21.1  | 31.7  |
| 120 | 22.8  | 18.2  | 27.2  |

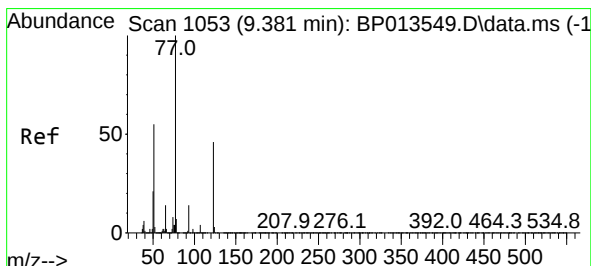
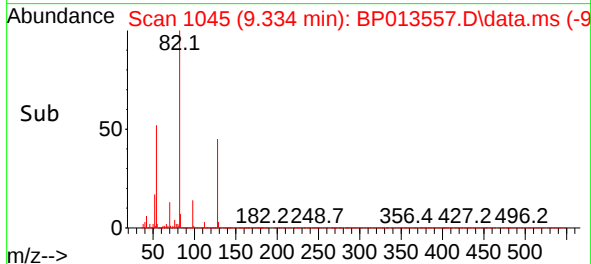
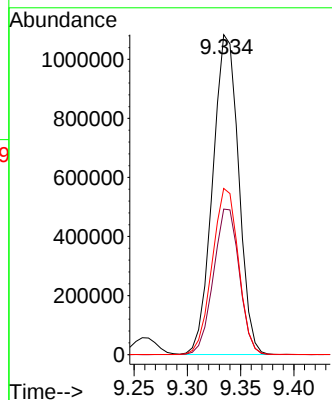
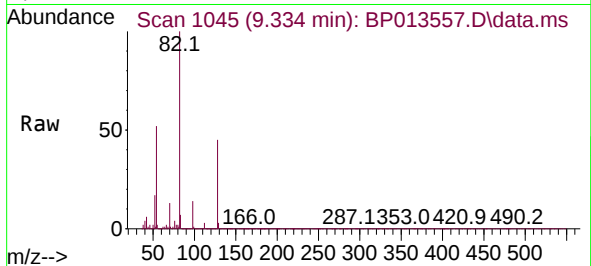




#23  
Nitrobenzene-d5  
Concen: 100.676 ng  
RT: 9.334 min Scan# 1045  
Delta R.T. -0.006 min  
Lab File: BP013557.D  
Acq: 23 Jan 2023 20:56

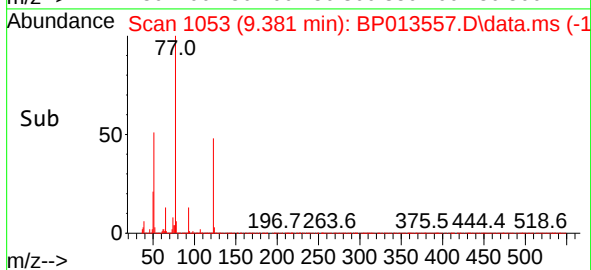
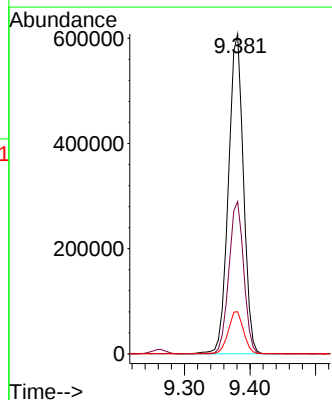
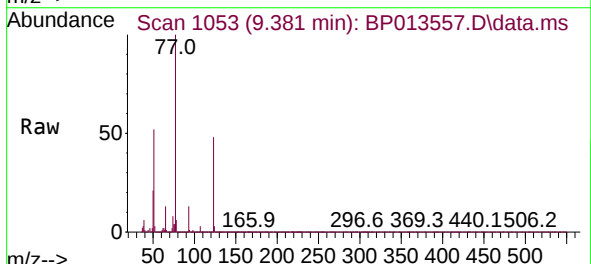
Instrument :  
BNA\_P  
ClientSampleId :  
PB150341BS

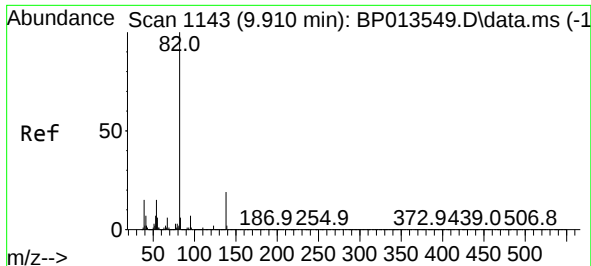
Tgt Ion: 82 Resp: 1842430  
Ion Ratio Lower Upper  
82 100  
128 45.5 35.8 53.6  
54 51.9 42.6 64.0



#24  
Nitrobenzene  
Concen: 49.052 ng  
RT: 9.381 min Scan# 1053  
Delta R.T. 0.000 min  
Lab File: BP013557.D  
Acq: 23 Jan 2023 20:56

Tgt Ion: 77 Resp: 965184  
Ion Ratio Lower Upper  
77 100  
123 47.6 37.2 55.8  
65 13.2 11.1 16.7

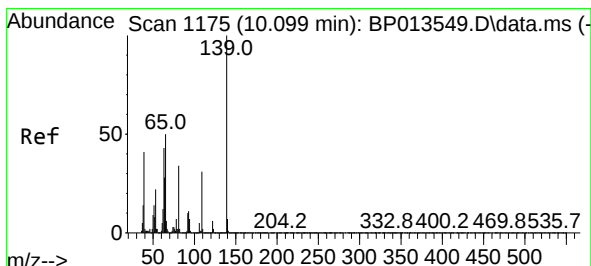
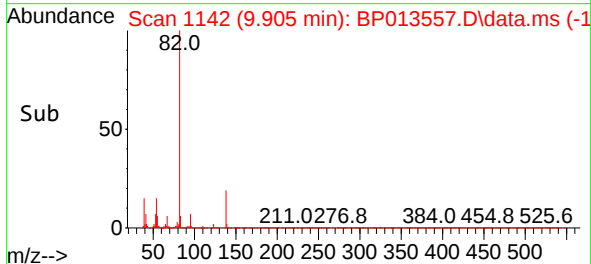
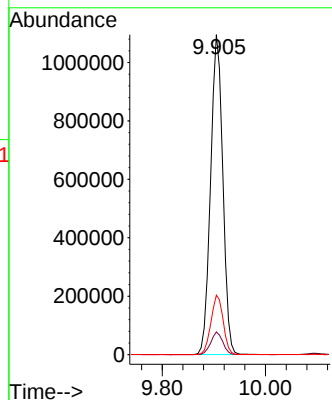
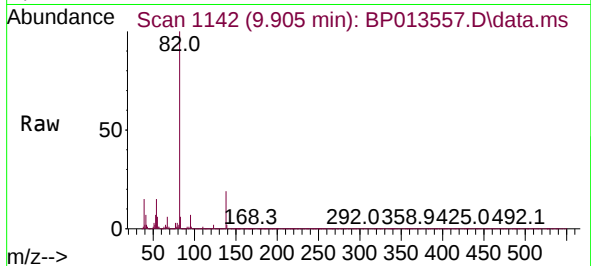




#25  
Isophorone  
Concen: 41.345 ng  
RT: 9.905 min Scan# 1143  
Delta R.T. -0.006 min  
Lab File: BP013557.D  
Acq: 23 Jan 2023 20:56

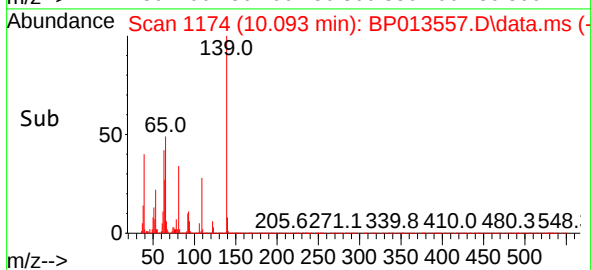
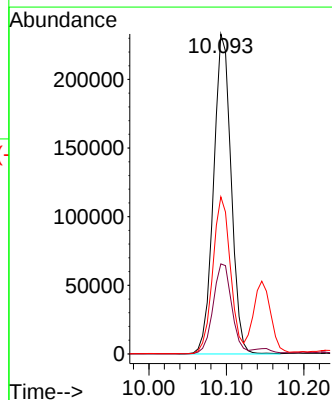
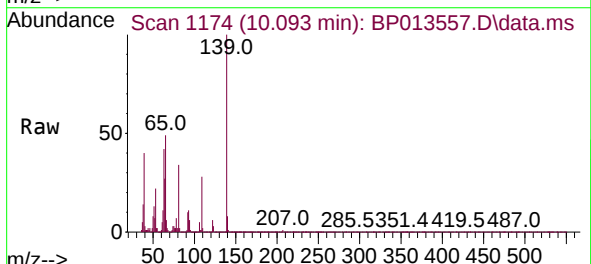
Instrument :  
BNA\_P  
ClientSampleId :  
PB150341BS

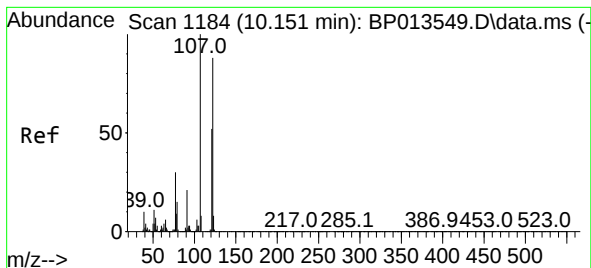
Tgt Ion: 82 Resp: 1794676  
Ion Ratio Lower Upper  
82 100  
95 7.1 5.8 8.8  
138 18.6 15.1 22.7



#26  
2-Nitrophenol  
Concen: 50.593 ng  
RT: 10.093 min Scan# 1174  
Delta R.T. -0.006 min  
Lab File: BP013557.D  
Acq: 23 Jan 2023 20:56

Tgt Ion: 139 Resp: 367629  
Ion Ratio Lower Upper  
139 100  
109 28.1 25.1 37.7  
65 49.1 40.1 60.1





#27

2,4-Dimethylphenol

Concen: 46.357 ng

RT: 10.146 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP013557.D

Acq: 23 Jan 2023 20:56

Instrument :

BNA\_P

ClientSampleId :

PB150341BS

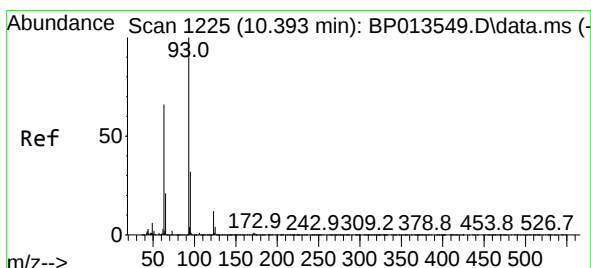
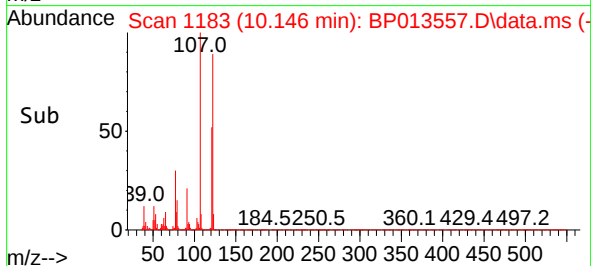
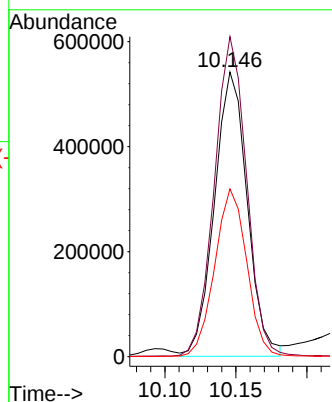
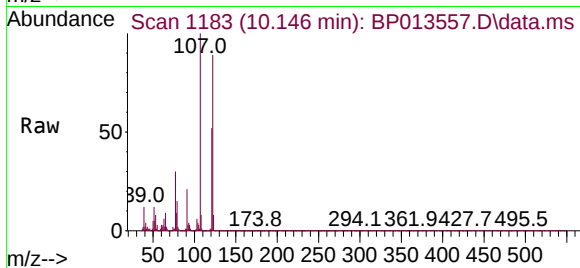
Tgt Ion:122 Resp: 868635

Ion Ratio Lower Upper

122 100

107 112.5 90.7 136.1

121 59.0 47.0 70.4



#28

bis(2-Chloroethoxy)methane

Concen: 44.381 ng

RT: 10.387 min Scan# 1224

Delta R.T. -0.006 min

Lab File: BP013557.D

Acq: 23 Jan 2023 20:56

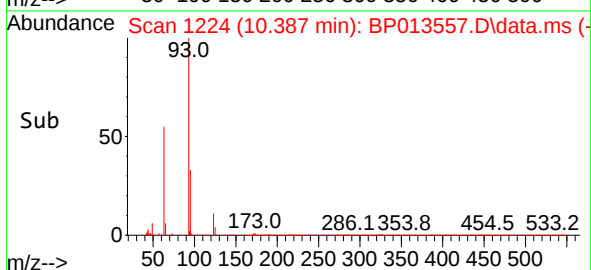
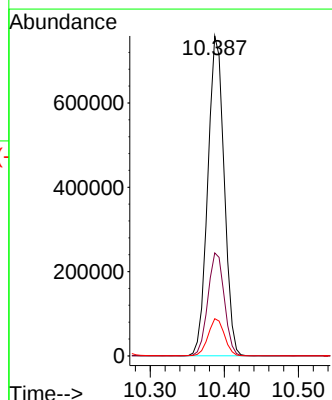
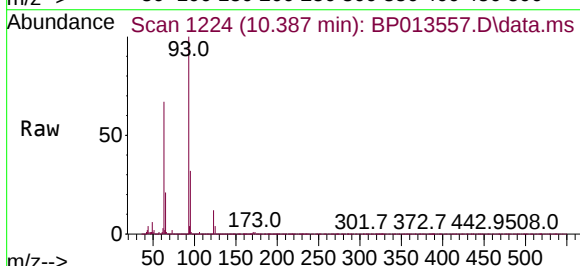
Tgt Ion: 93 Resp: 1160945

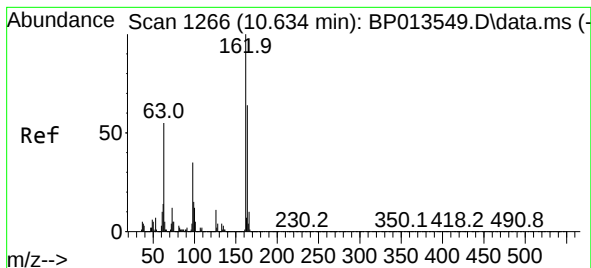
Ion Ratio Lower Upper

93 100

95 32.2 25.8 38.8

123 11.6 9.4 14.0

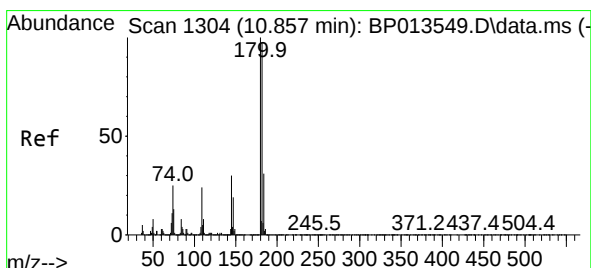
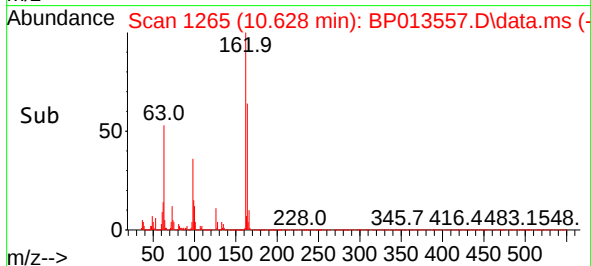
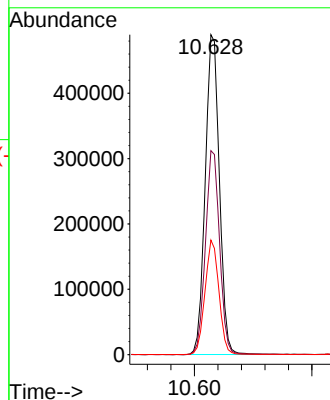
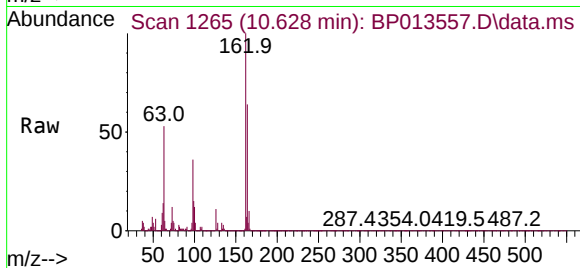




#29  
2,4-Dichlorophenol  
Concen: 47.569 ng  
RT: 10.628 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BP013557.D  
Acq: 23 Jan 2023 20:56

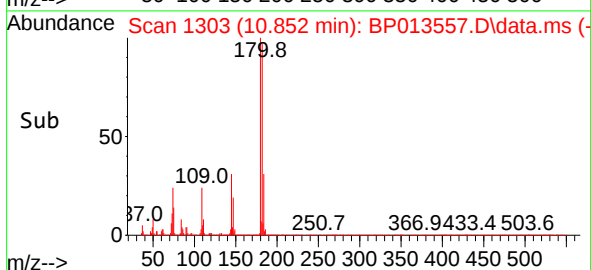
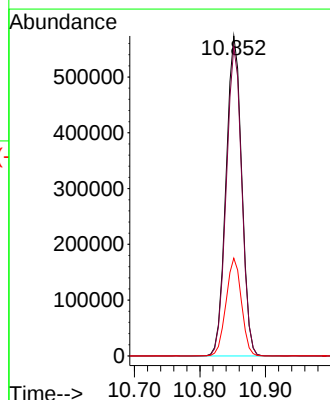
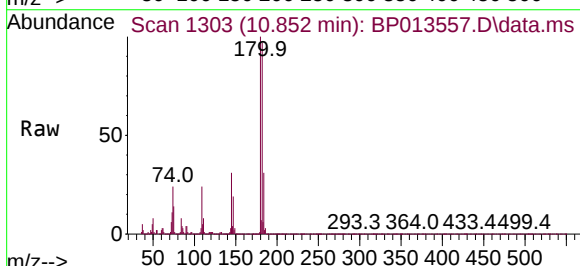
Instrument :  
BNA\_P  
ClientSampleId :  
PB150341BS

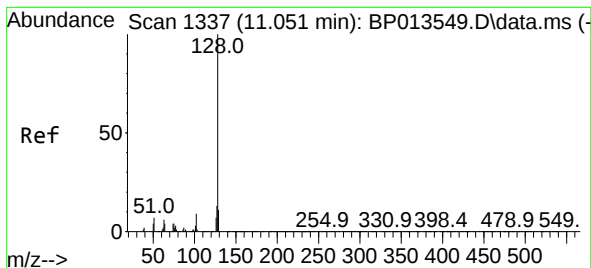
Tgt Ion:162 Resp: 819886  
Ion Ratio Lower Upper  
162 100  
164 63.7 44.3 84.3  
98 35.8 15.3 55.3



#30  
1,2,4-Trichlorobenzene  
Concen: 48.527 ng  
RT: 10.852 min Scan# 1303  
Delta R.T. -0.006 min  
Lab File: BP013557.D  
Acq: 23 Jan 2023 20:56

Tgt Ion:180 Resp: 954517  
Ion Ratio Lower Upper  
180 100  
182 96.6 77.9 116.9  
145 30.5 24.0 36.0

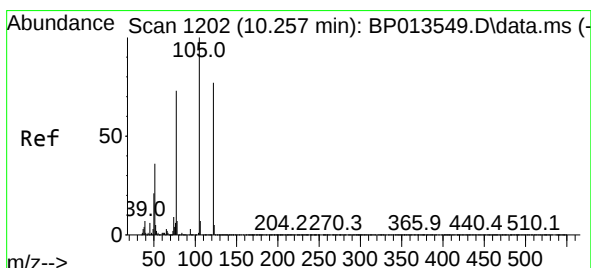
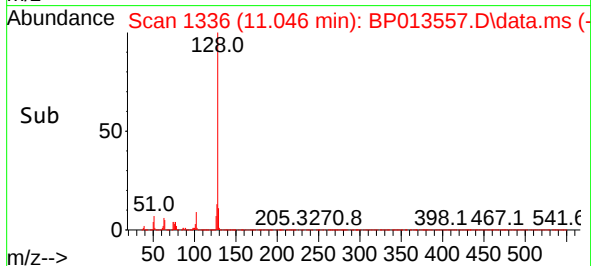
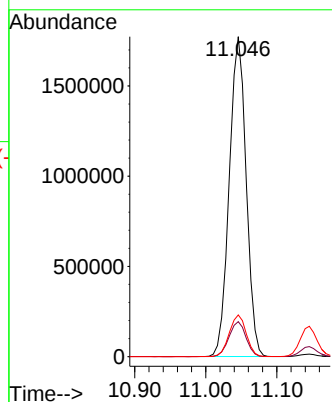
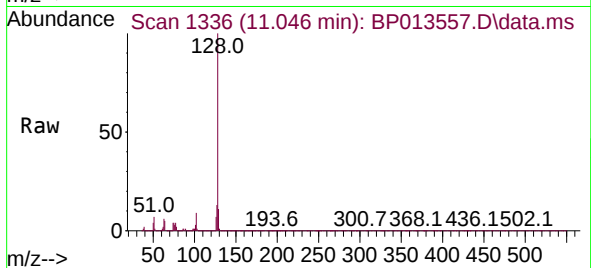




#31  
Naphthalene  
Concen: 45.155 ng  
RT: 11.046 min Scan# 1337  
Delta R.T. -0.006 min  
Lab File: BP013557.D  
Acq: 23 Jan 2023 20:56

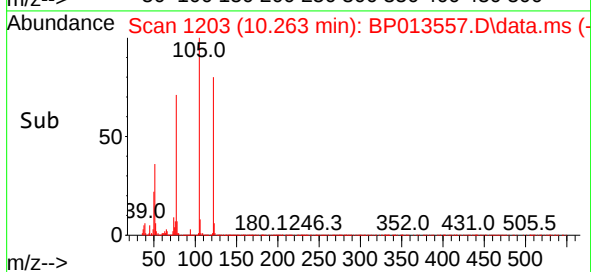
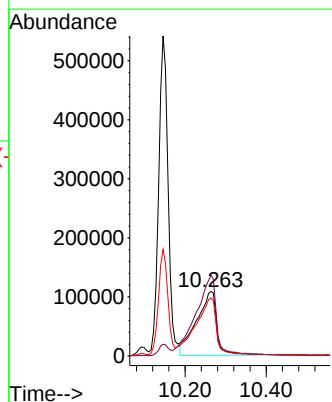
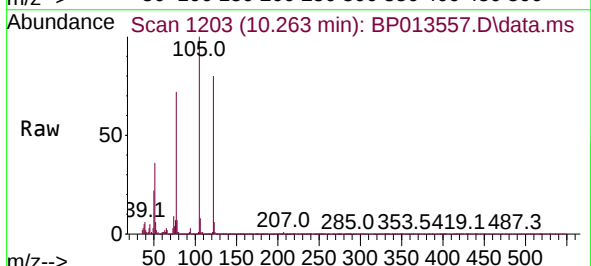
Instrument :  
BNA\_P  
ClientSampleId :  
PB150341BS

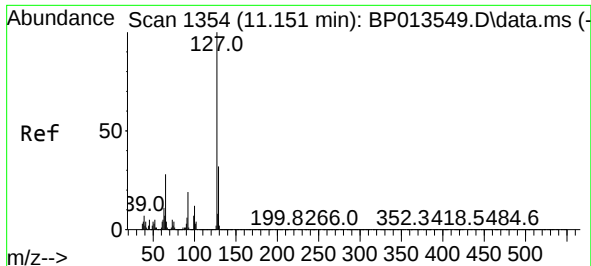
Tgt Ion:128 Resp: 2932821  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.5 12.7  
127 13.0 10.6 16.0



#32  
Benzoic acid  
Concen: 44.333 ng  
RT: 10.263 min Scan# 1203  
Delta R.T. 0.006 min  
Lab File: BP013557.D  
Acq: 23 Jan 2023 20:56

Tgt Ion:122 Resp: 381086  
Ion Ratio Lower Upper  
122 100  
105 125.4 100.5 140.5  
77 89.8 70.9 110.9

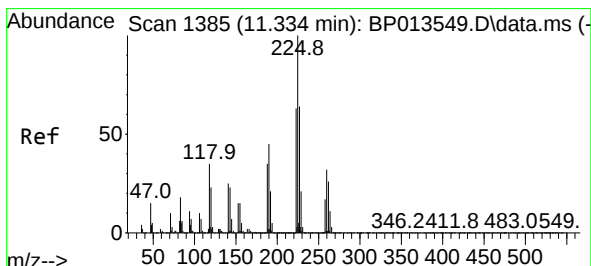
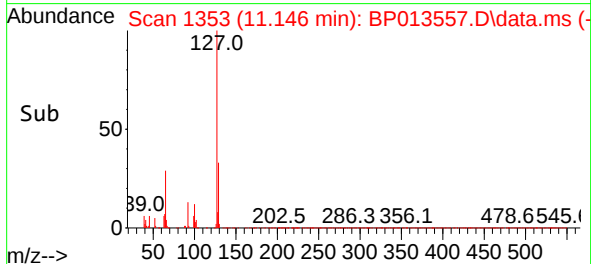
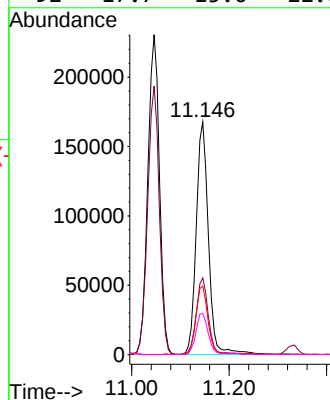
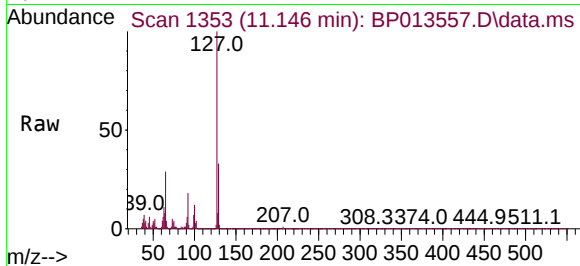




#33  
4-Chloroaniline  
Concen: 10.099 ng  
RT: 11.146 min Scan# 1354  
Delta R.T. -0.006 min  
Lab File: BP013557.D  
Acq: 23 Jan 2023 20:56

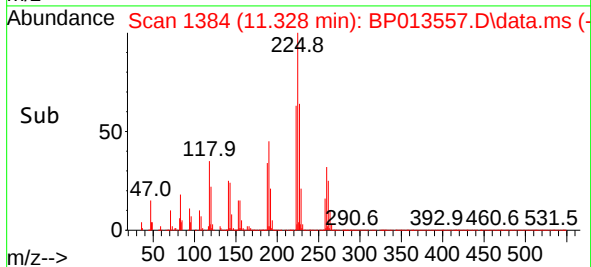
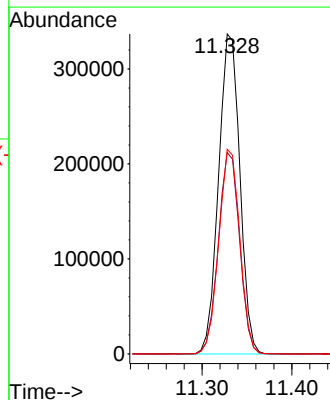
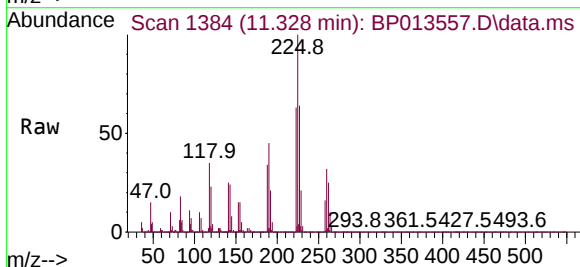
Instrument :  
BNA\_P  
ClientSampleId :  
PB150341BS

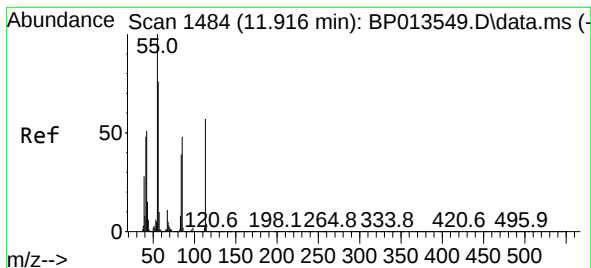
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 290244 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 33.0  | 25.7  | 38.5   |
| 65       | 29.4  | 22.7  | 34.1   |
| 92       | 17.7  | 15.0  | 22.6   |



#34  
Hexachlorobutadiene  
Concen: 48.742 ng  
RT: 11.328 min Scan# 1384  
Delta R.T. -0.006 min  
Lab File: BP013557.D  
Acq: 23 Jan 2023 20:56

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 557930 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.9  | 50.2  | 75.2   |
| 227      | 63.9  | 51.4  | 77.2   |

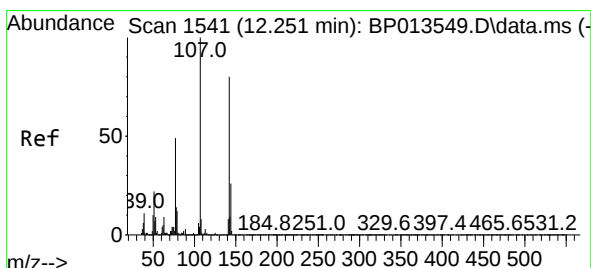
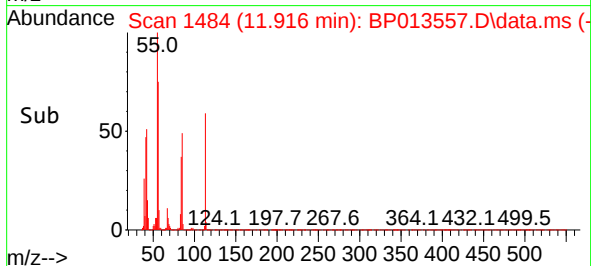
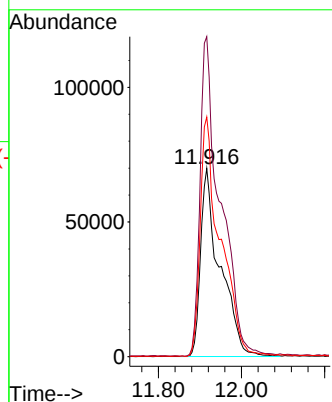
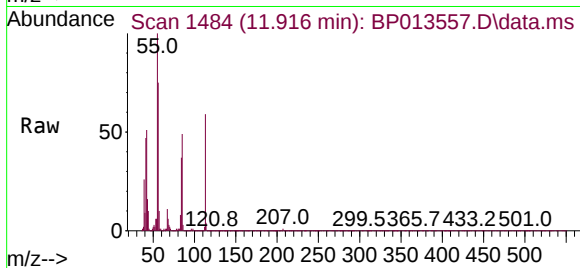




#35  
Caprolactam  
Concen: 40.640 ng  
RT: 11.916 min Scan# 1484  
Delta R.T. 0.000 min  
Lab File: BP013557.D  
Acq: 23 Jan 2023 20:56

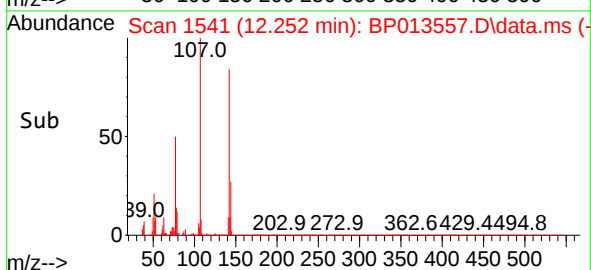
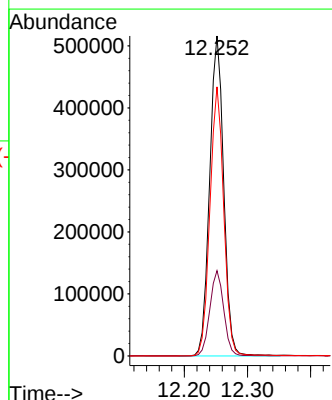
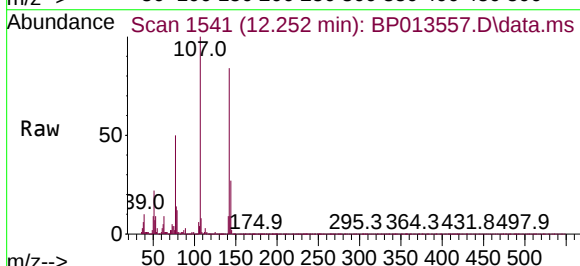
Instrument :  
BNA\_P  
ClientSampleId :  
PB150341BS

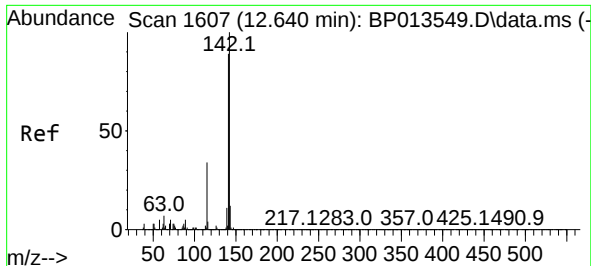
Tgt Ion:113 Resp: 227094  
Ion Ratio Lower Upper  
113 100  
55 169.9 156.5 196.5  
56 127.3 113.5 153.5



#36  
4-Chloro-3-methylphenol  
Concen: 42.441 ng  
RT: 12.252 min Scan# 1541  
Delta R.T. 0.000 min  
Lab File: BP013557.D  
Acq: 23 Jan 2023 20:56

Tgt Ion:107 Resp: 796643  
Ion Ratio Lower Upper  
107 100  
144 26.6 21.1 31.7  
142 84.1 64.0 96.0

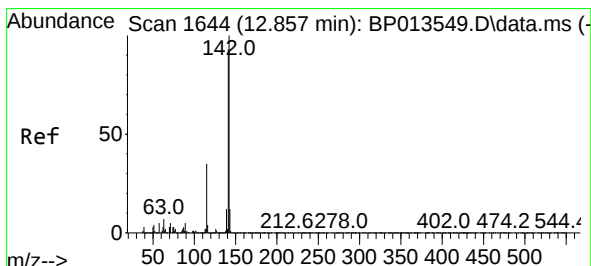
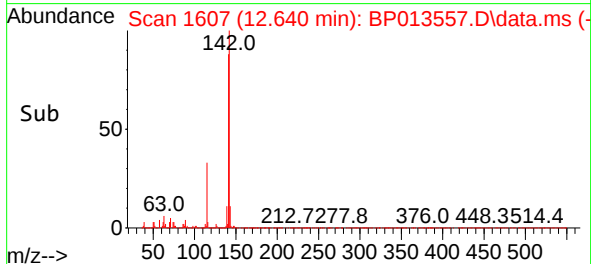
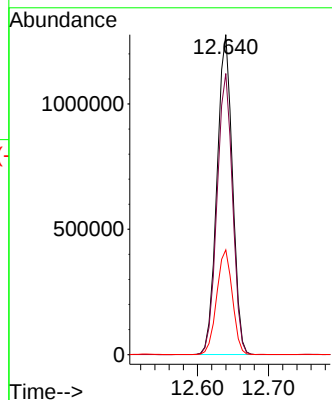
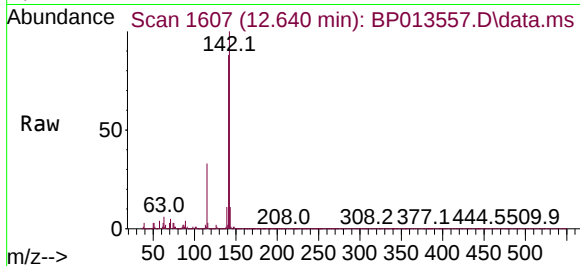




#37  
2-Methylnaphthalene  
Concen: 41.954 ng  
RT: 12.640 min Scan# 1607  
Delta R.T. 0.000 min  
Lab File: BP013557.D  
Acq: 23 Jan 2023 20:56

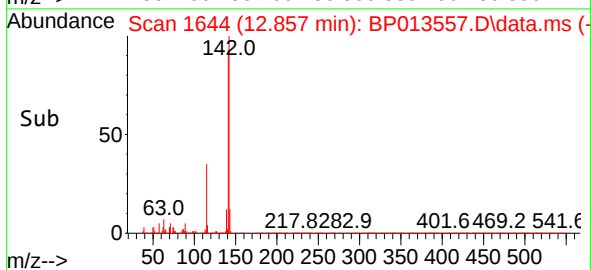
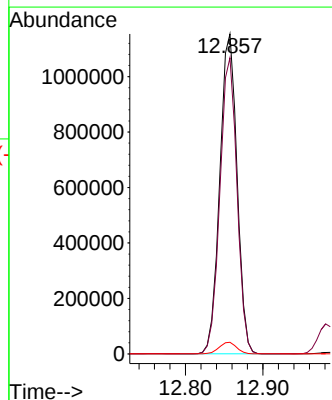
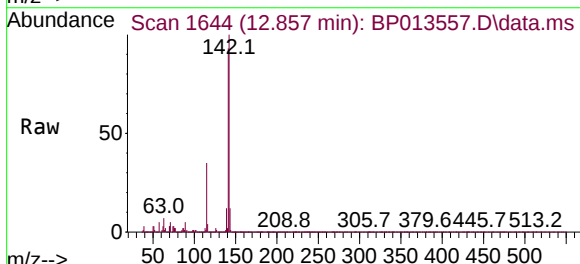
Instrument :  
BNA\_P  
ClientSampleId :  
PB150341BS

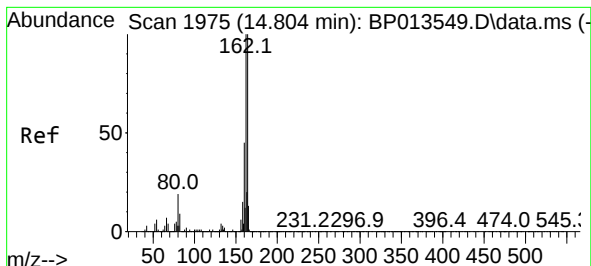
Tgt Ion:142 Resp: 1936882  
Ion Ratio Lower Upper  
142 100  
141 87.8 71.4 107.2  
115 32.7 27.4 41.2



#38  
1-Methylnaphthalene  
Concen: 41.131 ng  
RT: 12.857 min Scan# 1644  
Delta R.T. 0.000 min  
Lab File: BP013557.D  
Acq: 23 Jan 2023 20:56

Tgt Ion:142 Resp: 1784304  
Ion Ratio Lower Upper  
142 100  
141 92.5 74.3 111.5  
116 3.6 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.799 min Scan# 1975

Delta R.T. -0.005 min

Lab File: BP013557.D

Acq: 23 Jan 2023 20:56

Instrument :

BNA\_P

ClientSampleId :

PB150341BS

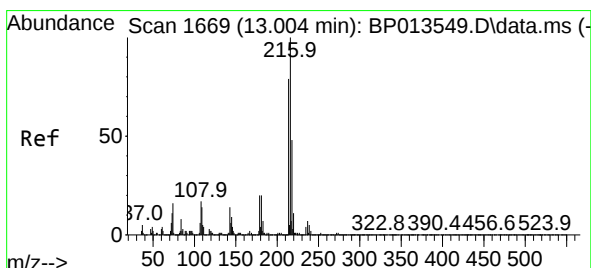
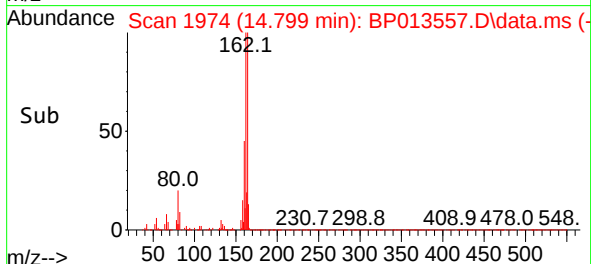
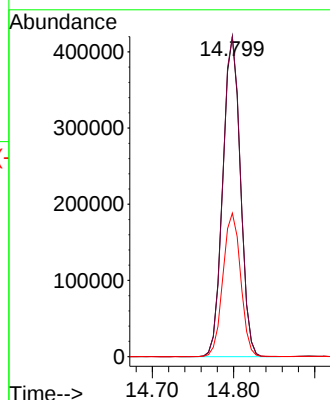
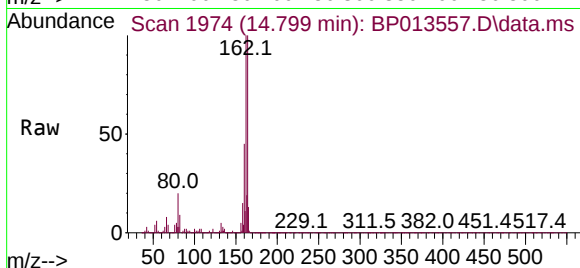
Tgt Ion:164 Resp: 627280

Ion Ratio Lower Upper

164 100

162 100.1 80.1 120.1

160 44.8 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.803 ng

RT: 12.999 min Scan# 1668

Delta R.T. -0.005 min

Lab File: BP013557.D

Acq: 23 Jan 2023 20:56

Tgt Ion:216 Resp: 961798

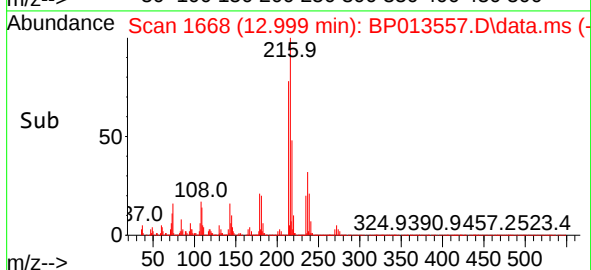
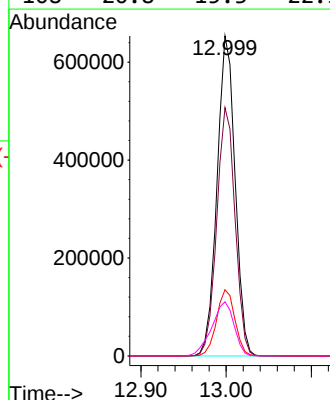
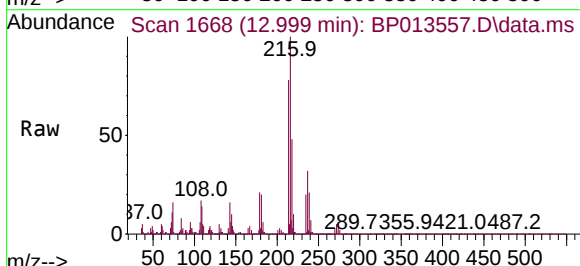
Ion Ratio Lower Upper

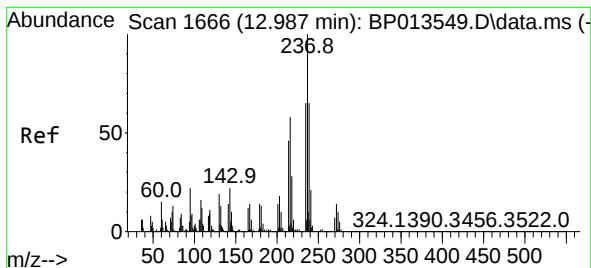
216 100

214 78.7 62.9 94.3

179 21.0 16.6 24.8

108 20.8 15.3 22.9

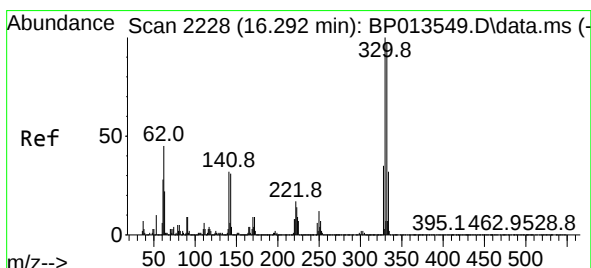
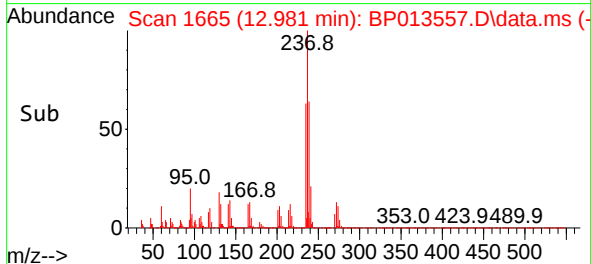
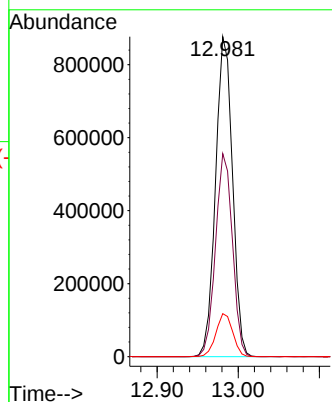
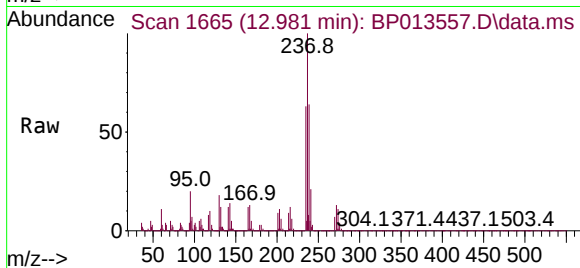




#41  
Hexachlorocyclopentadiene  
Concen: 123.086 ng  
RT: 12.981 min Scan# 1665  
Delta R.T. -0.006 min  
Lab File: BP013557.D  
Acq: 23 Jan 2023 20:56

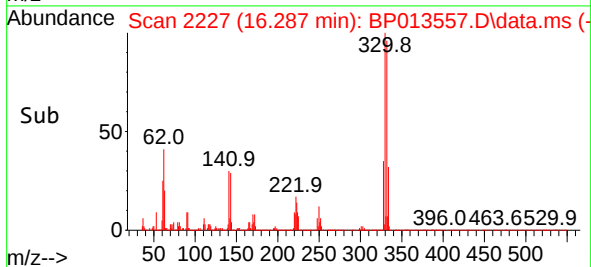
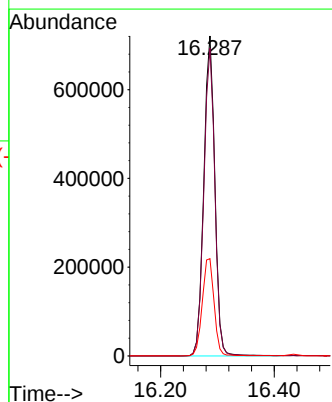
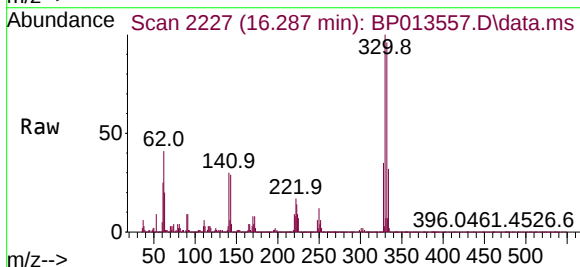
Instrument :  
BNA\_P  
ClientSampleId :  
PB150341BS

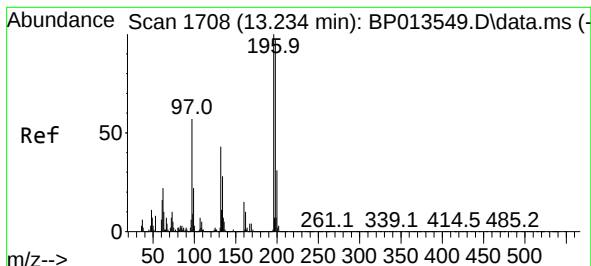
Tgt Ion:237 Resp: 1270330  
Ion Ratio Lower Upper  
237 100  
235 63.5 44.6 84.6  
272 13.4 0.0 33.9



#42  
2,4,6-Tribromophenol  
Concen: 153.971 ng  
RT: 16.287 min Scan# 2227  
Delta R.T. -0.005 min  
Lab File: BP013557.D  
Acq: 23 Jan 2023 20:56

Tgt Ion:330 Resp: 968768  
Ion Ratio Lower Upper  
330 100  
332 96.0 77.4 116.2  
141 32.5 27.6 41.4





#43

2,4,6-Trichlorophenol

Concen: 50.504 ng

RT: 13.234 min Scan# 1708

Delta R.T. -0.000 min

Lab File: BP013557.D

Acq: 23 Jan 2023 20:56

Instrument :

BNA\_P

ClientSampleId :

PB150341BS

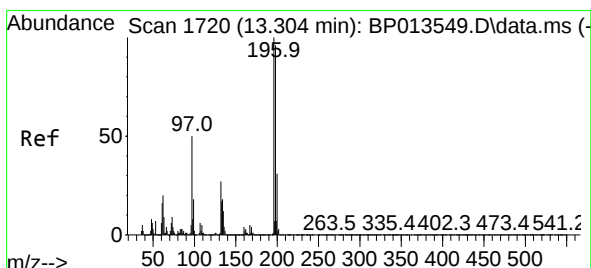
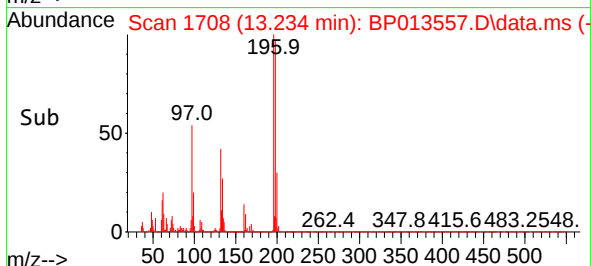
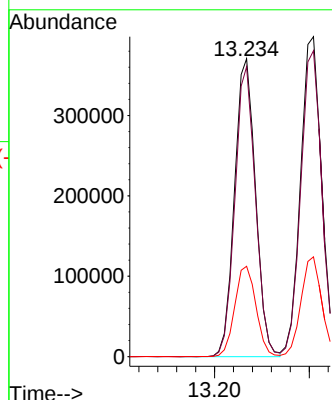
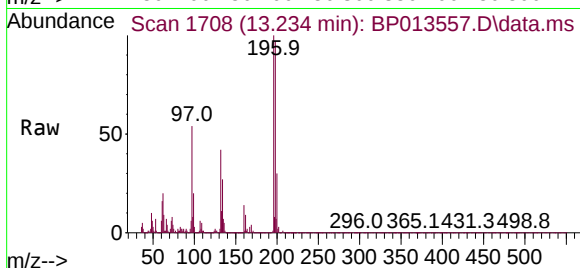
Tgt Ion:196 Resp: 570841

Ion Ratio Lower Upper

196 100

198 97.3 77.3 115.9

200 30.3 24.6 36.8



#44

2,4,5-Trichlorophenol

Concen: 46.378 ng

RT: 13.304 min Scan# 1720

Delta R.T. 0.000 min

Lab File: BP013557.D

Acq: 23 Jan 2023 20:56

Tgt Ion:196 Resp: 619438

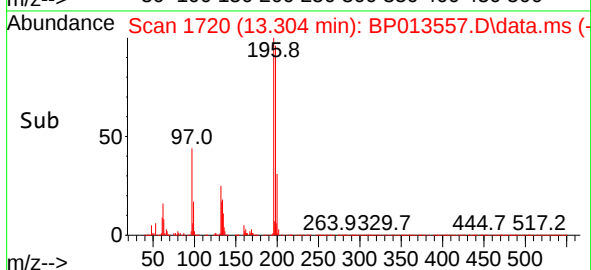
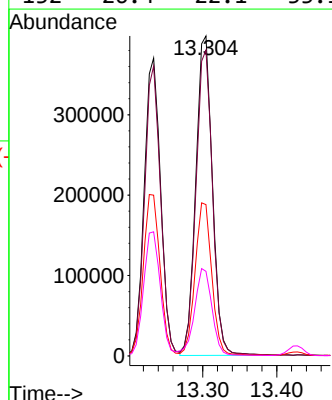
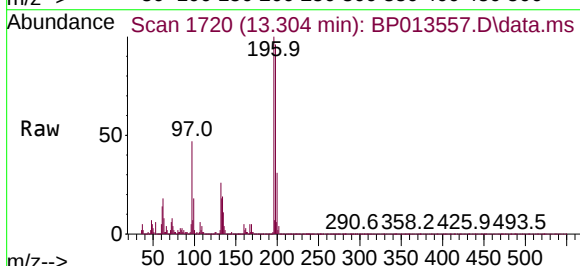
Ion Ratio Lower Upper

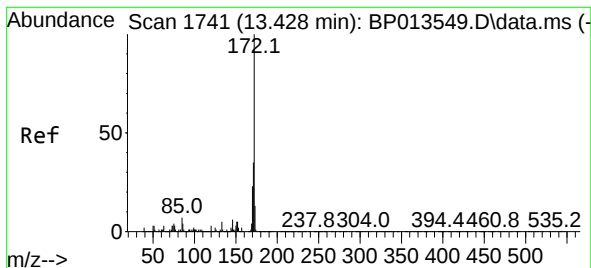
196 100

198 95.6 76.7 115.1

97 47.3 40.0 60.0

132 26.4 22.1 33.1





#45

2-Fluorobiphenyl

Concen: 92.940 ng

RT: 13.428 min Scan# 1741

Delta R.T. 0.000 min

Lab File: BP013557.D

Acq: 23 Jan 2023 20:56

Instrument :

BNA\_P

ClientSampleId :

PB150341BS

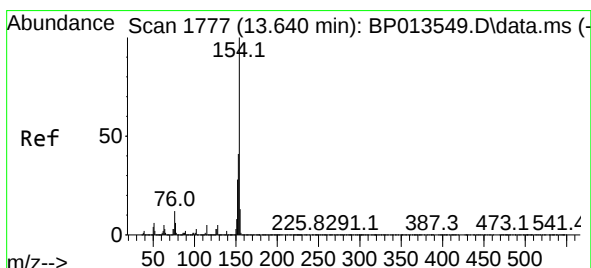
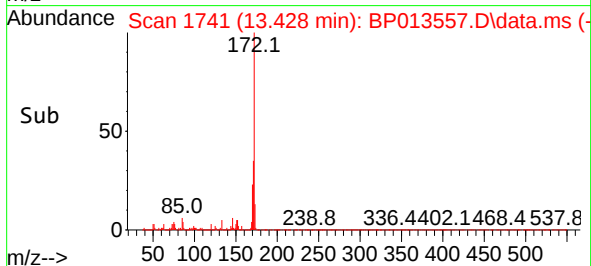
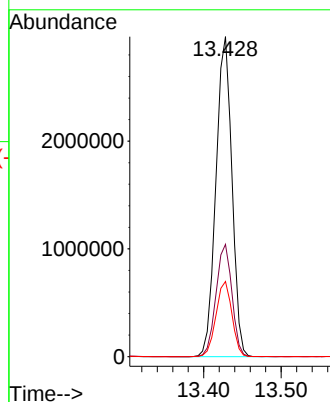
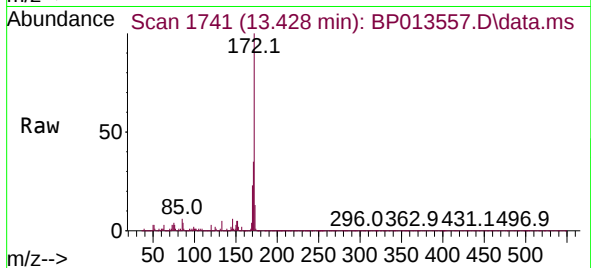
Tgt Ion:172 Resp: 4247194

Ion Ratio Lower Upper

172 100

171 35.1 27.8 41.8

170 23.5 18.6 27.8



#46

1,1'-Biphenyl

Concen: 47.484 ng

RT: 13.634 min Scan# 1776

Delta R.T. -0.006 min

Lab File: BP013557.D

Acq: 23 Jan 2023 20:56

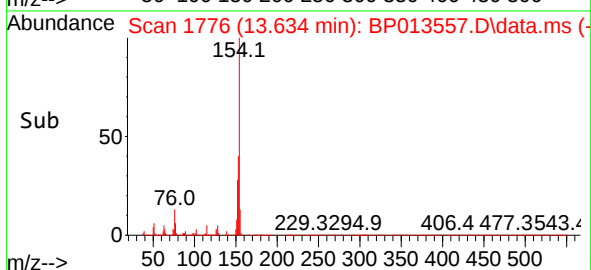
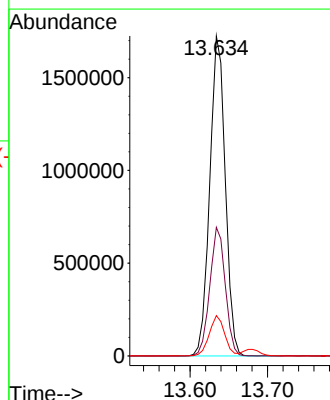
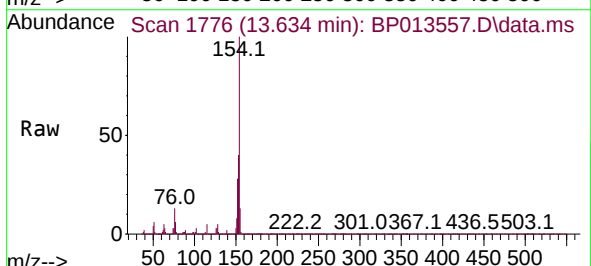
Tgt Ion:154 Resp: 2392128

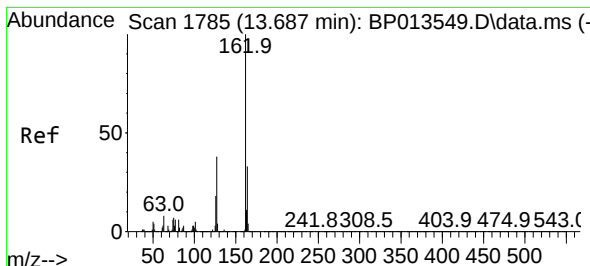
Ion Ratio Lower Upper

154 100

153 40.2 20.5 60.5

76 12.6 0.0 32.1

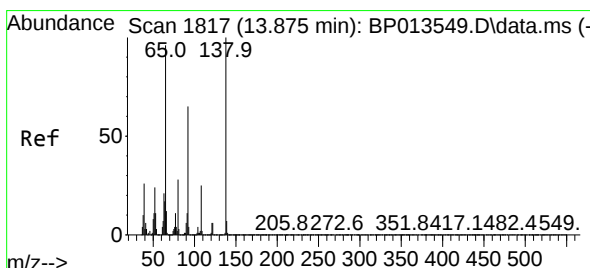
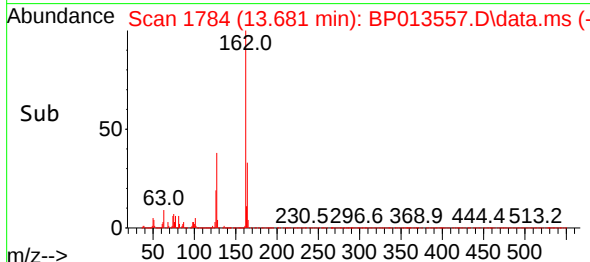
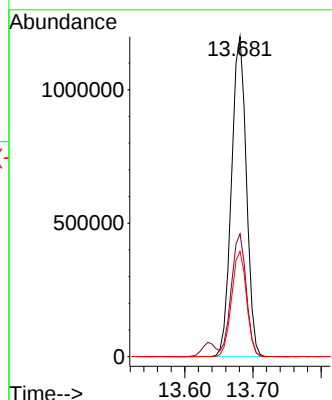
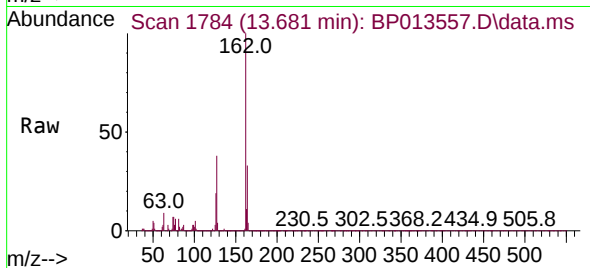




#47  
2-Chloronaphthalene  
Concen: 48.072 ng  
RT: 13.681 min Scan# 1785  
Delta R.T. -0.006 min  
Lab File: BP013557.D  
Acq: 23 Jan 2023 20:56

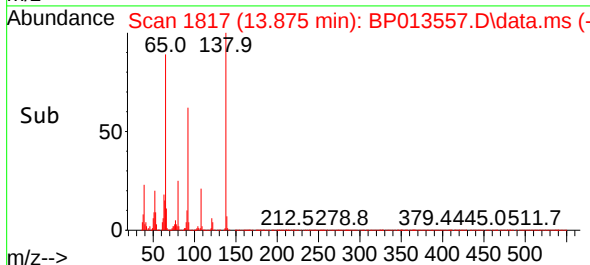
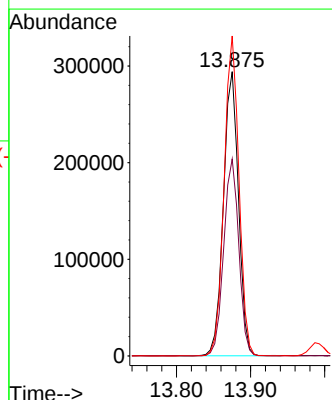
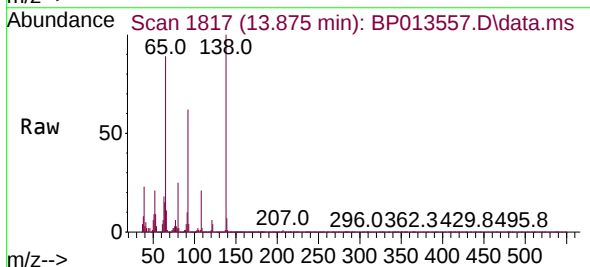
Instrument :  
BNA\_P  
ClientSampleId :  
PB150341BS

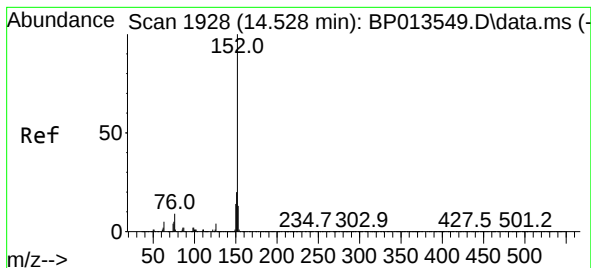
Tgt Ion:162 Resp: 1814293  
Ion Ratio Lower Upper  
162 100  
127 38.4 30.8 46.2  
164 32.9 26.2 39.2



#48  
2-Nitroaniline  
Concen: 44.482 ng  
RT: 13.875 min Scan# 1817  
Delta R.T. 0.000 min  
Lab File: BP013557.D  
Acq: 23 Jan 2023 20:56

Tgt Ion: 65 Resp: 414876  
Ion Ratio Lower Upper  
65 100  
92 69.3 54.1 81.1  
138 112.6 83.6 125.4





#49

Acenaphthylene

Concen: 45.469 ng

RT: 14.522 min Scan# 1928

Delta R.T. -0.006 min

Lab File: BP013557.D

Acq: 23 Jan 2023 20:56

Instrument :

BNA\_P

ClientSampleId :

PB150341BS

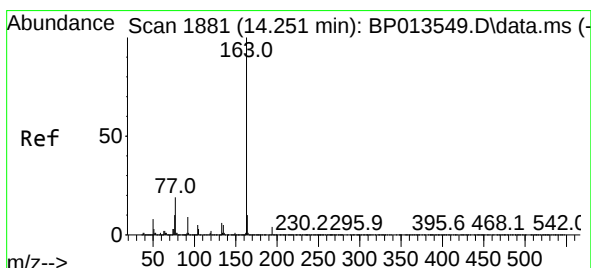
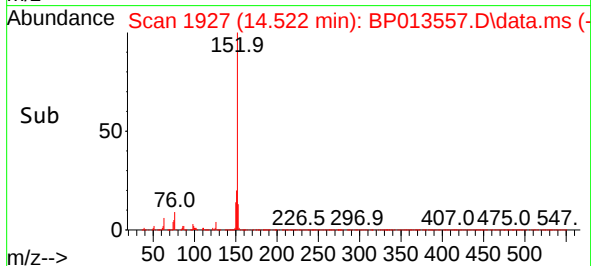
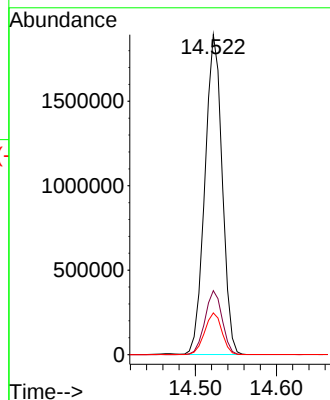
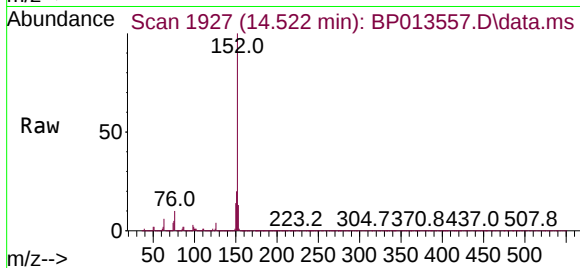
Tgt Ion:152 Resp: 2806402

Ion Ratio Lower Upper

152 100

151 20.0 16.1 24.1

153 13.0 10.1 15.1



#50

Dimethylphthalate

Concen: 43.856 ng

RT: 14.246 min Scan# 1880

Delta R.T. -0.006 min

Lab File: BP013557.D

Acq: 23 Jan 2023 20:56

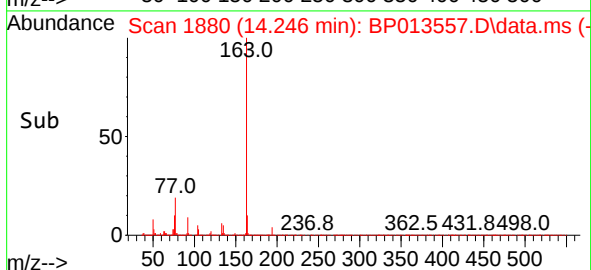
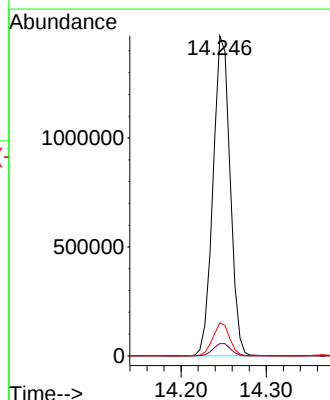
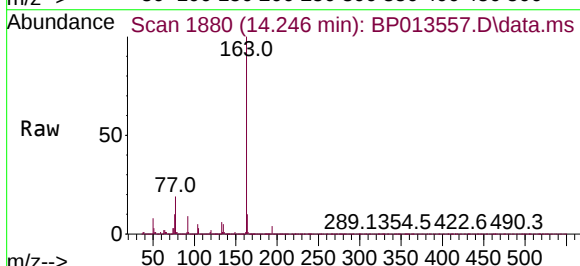
Tgt Ion:163 Resp: 2044961

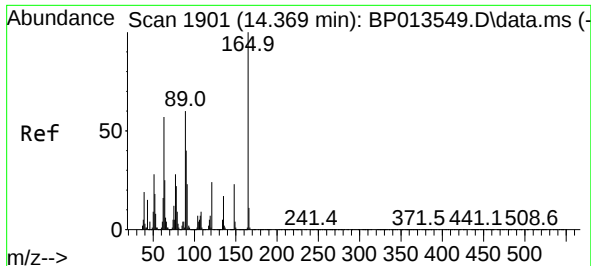
Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

164 10.3 8.1 12.1

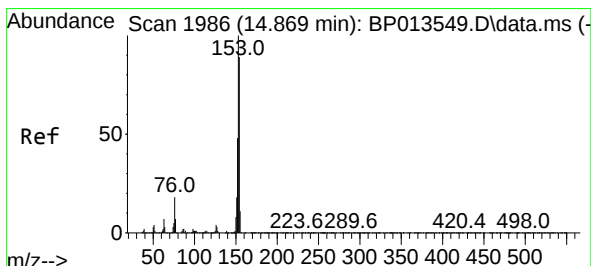
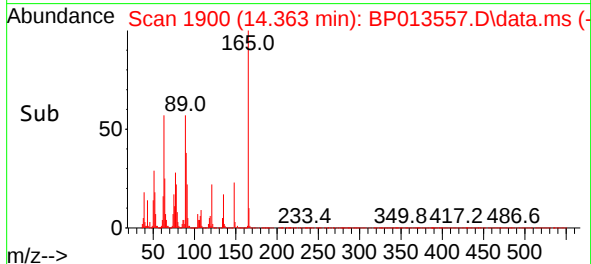
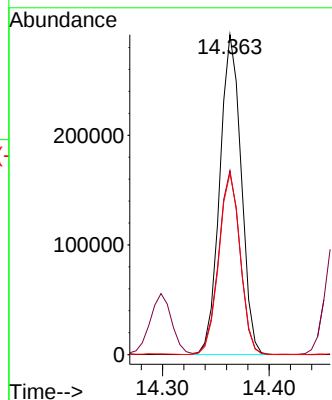
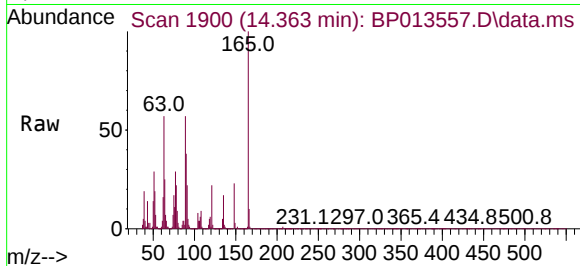




#51  
2,6-Dinitrotoluene  
Concen: 45.113 ng  
RT: 14.363 min Scan# 1901  
Delta R.T. -0.006 min  
Lab File: BP013557.D  
Acq: 23 Jan 2023 20:56

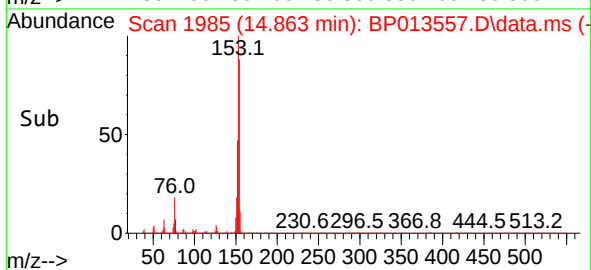
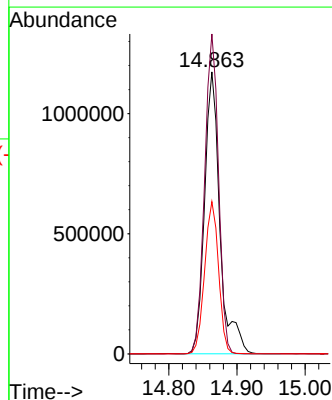
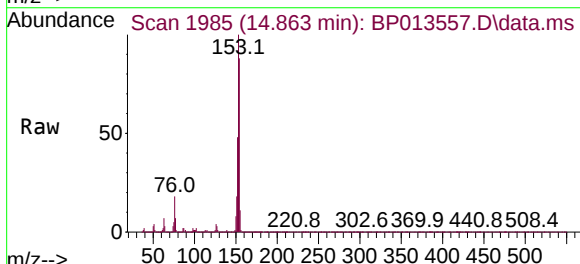
Instrument :  
BNA\_P  
ClientSampleId :  
PB150341BS

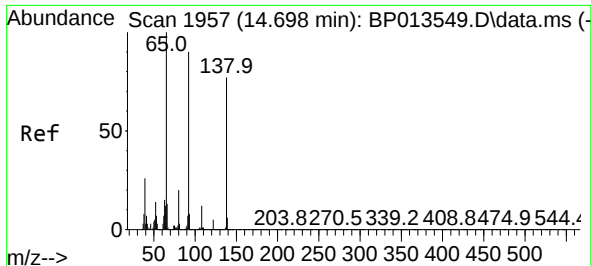
Tgt Ion:165 Resp: 407848  
Ion Ratio Lower Upper  
165 100  
63 57.5 47.2 70.8  
89 56.7 47.8 71.6



#52  
Acenaphthene  
Concen: 48.364 ng  
RT: 14.863 min Scan# 1985  
Delta R.T. -0.006 min  
Lab File: BP013557.D  
Acq: 23 Jan 2023 20:56

Tgt Ion:154 Resp: 1843955  
Ion Ratio Lower Upper  
154 100  
153 113.5 89.4 134.0  
152 54.0 42.7 64.1

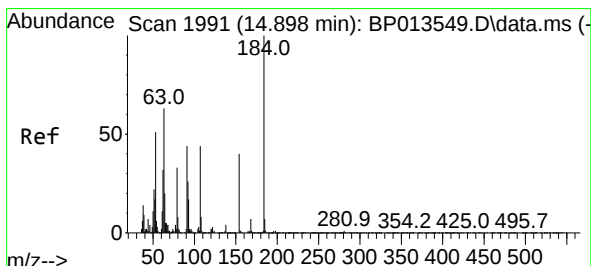
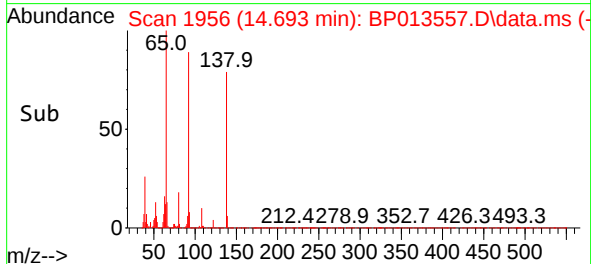
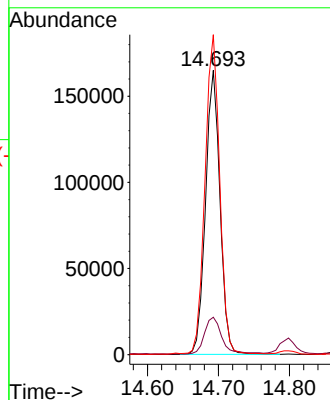
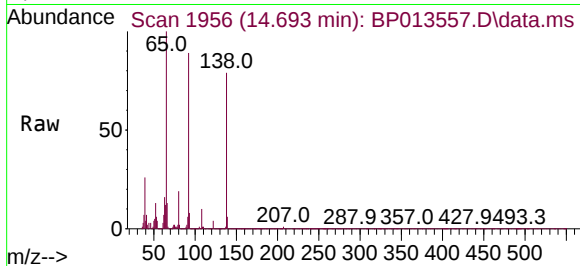




#53  
3-Nitroaniline  
Concen: 25.124 ng  
RT: 14.693 min Scan# 1956  
Delta R.T. -0.005 min  
Lab File: BP013557.D  
Acq: 23 Jan 2023 20:56

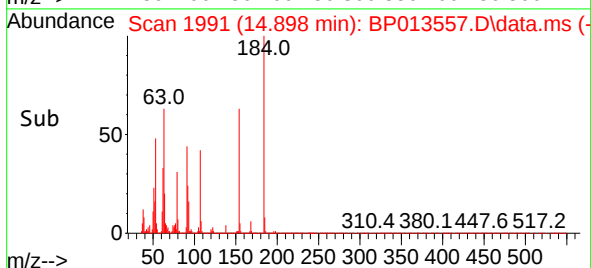
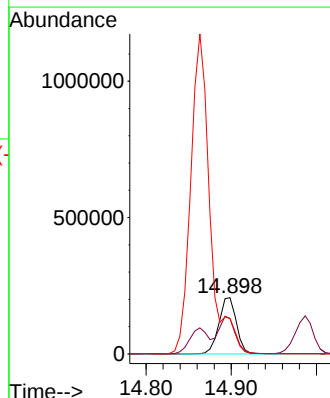
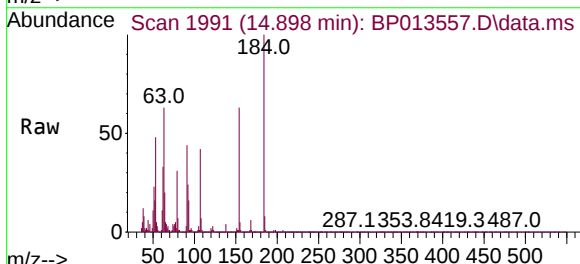
Instrument :  
BNA\_P  
ClientSampleId :  
PB150341BS

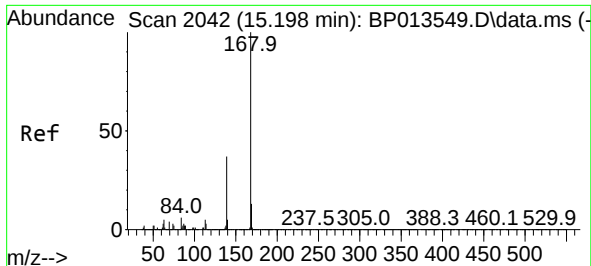
Tgt Ion:138 Resp: 231603  
Ion Ratio Lower Upper  
138 100  
108 13.2 12.8 19.2  
92 112.6 93.3 139.9



#54  
2,4-Dinitrophenol  
Concen: 83.876 ng  
RT: 14.898 min Scan# 1991  
Delta R.T. 0.000 min  
Lab File: BP013557.D  
Acq: 23 Jan 2023 20:56

Tgt Ion:184 Resp: 293308  
Ion Ratio Lower Upper  
184 100  
63 63.0 53.2 79.8  
154 63.2 54.4 81.6

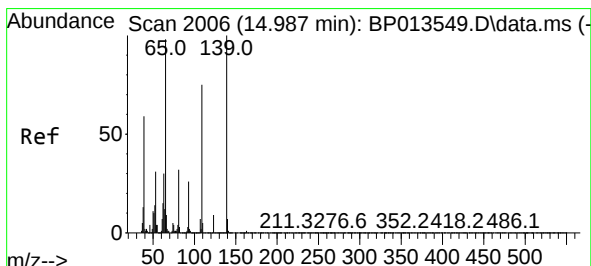
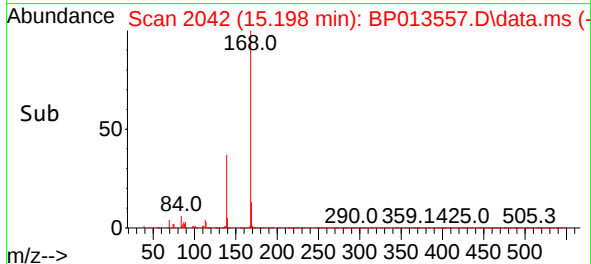
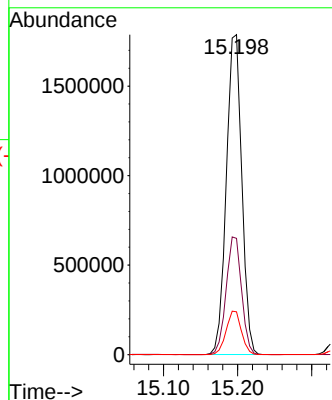
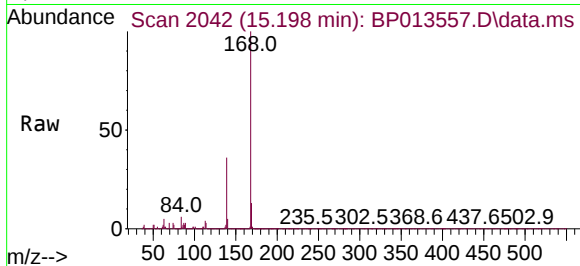




#55  
Dibenzofuran  
Concen: 44.274 ng  
RT: 15.198 min Scan# 2042  
Delta R.T. 0.000 min  
Lab File: BP013557.D  
Acq: 23 Jan 2023 20:56

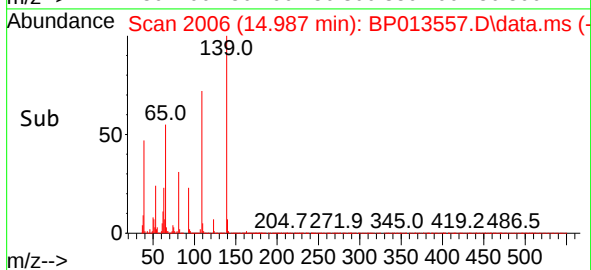
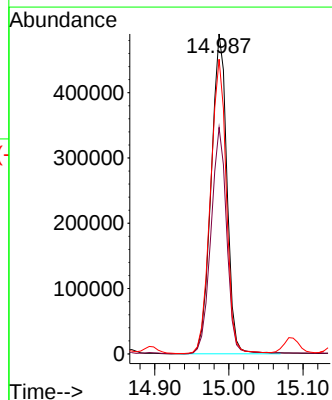
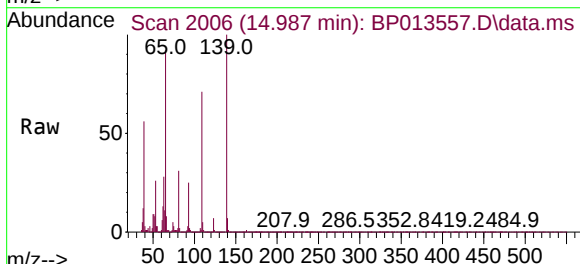
Instrument :  
BNA\_P  
ClientSampleId :  
PB150341BS

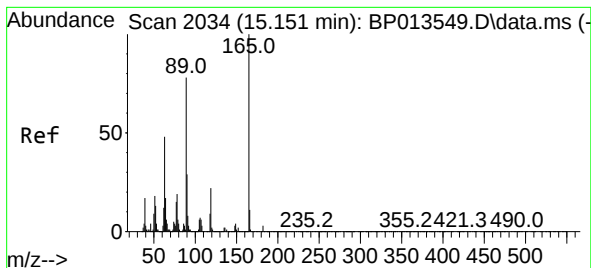
Tgt Ion:168 Resp: 2588413  
Ion Ratio Lower Upper  
168 100  
139 36.3 29.9 44.9  
169 13.4 10.7 16.1



#56  
4-Nitrophenol  
Concen: 91.047 ng  
RT: 14.987 min Scan# 2006  
Delta R.T. -0.000 min  
Lab File: BP013557.D  
Acq: 23 Jan 2023 20:56

Tgt Ion:139 Resp: 725164  
Ion Ratio Lower Upper  
139 100  
109 70.8 55.0 95.0  
65 92.1 77.7 117.7





#57

2,4-Dinitrotoluene

Concen: 48.974 ng

RT: 15.146 min Scan# 2034

Delta R.T. -0.005 min

Lab File: BP013557.D

Acq: 23 Jan 2023 20:56

Instrument :

BNA\_P

ClientSampleId :

PB150341BS

Tgt Ion:165 Resp: 530601

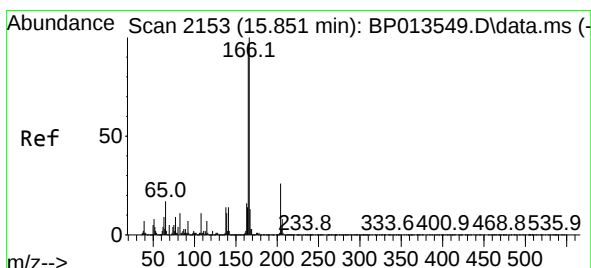
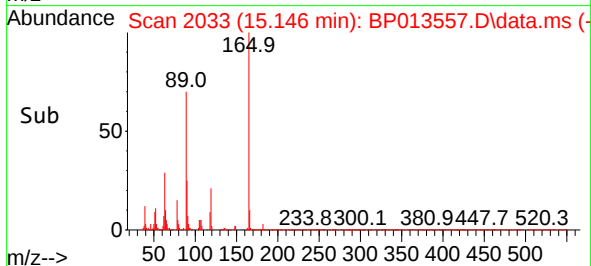
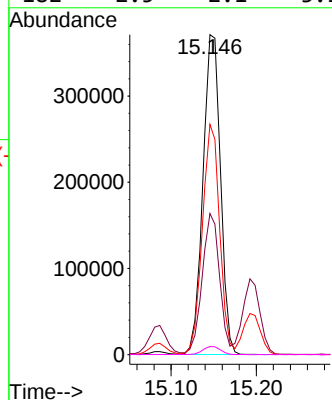
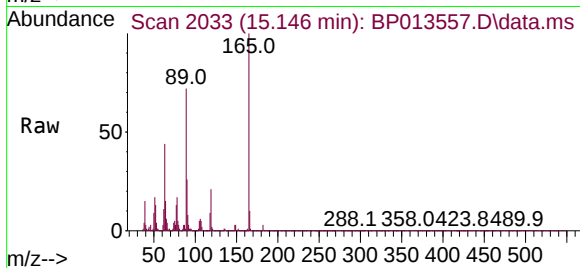
Ion Ratio Lower Upper

165 100

63 44.1 38.3 57.5

89 71.9 62.1 93.1

182 2.5 2.1 3.1



#58

Fluorene

Concen: 43.446 ng

RT: 15.845 min Scan# 2152

Delta R.T. -0.006 min

Lab File: BP013557.D

Acq: 23 Jan 2023 20:56

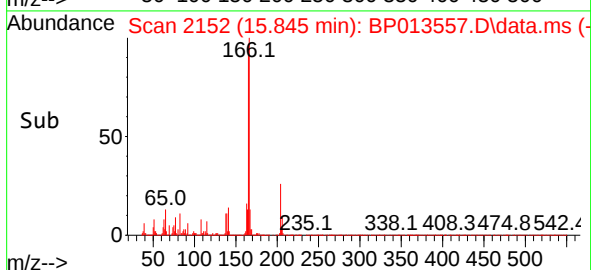
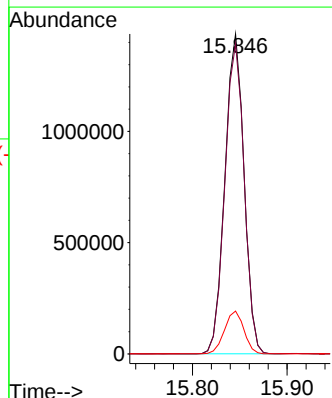
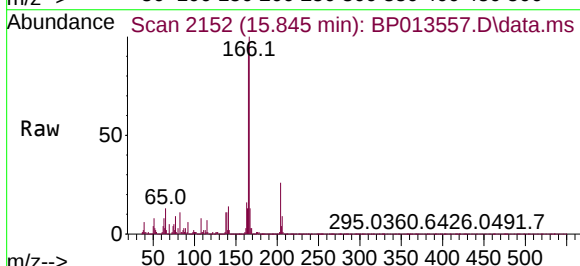
Tgt Ion:166 Resp: 2018828

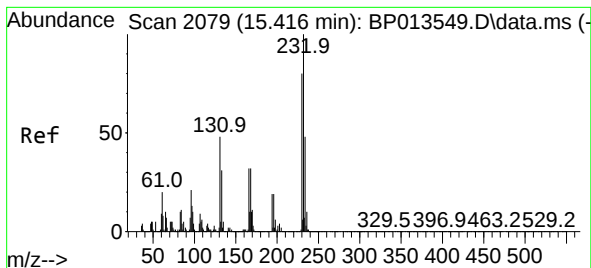
Ion Ratio Lower Upper

166 100

165 96.9 77.8 116.8

167 13.4 10.7 16.1

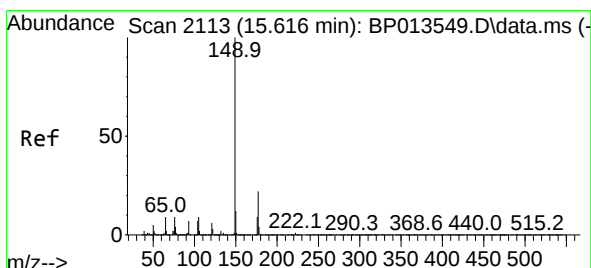
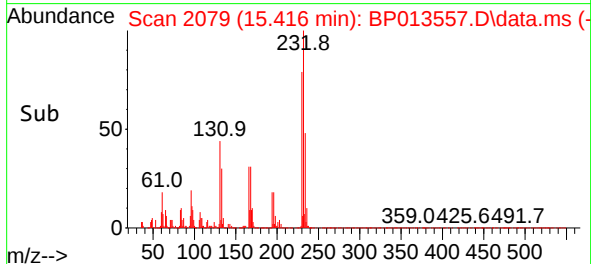
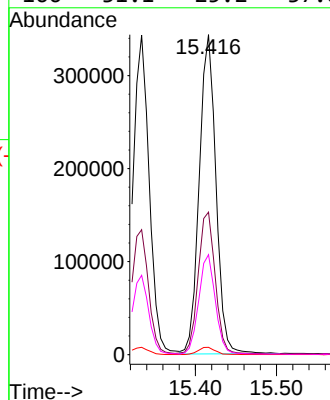
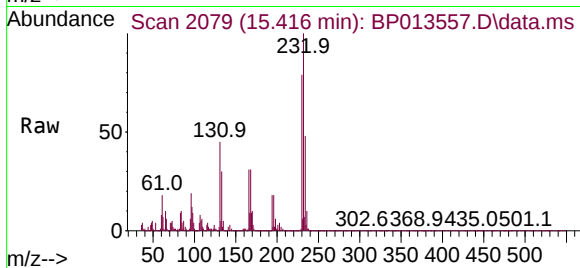




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 47.850 ng  
RT: 15.416 min Scan# 2079  
Delta R.T. 0.000 min  
Lab File: BP013557.D  
Acq: 23 Jan 2023 20:56

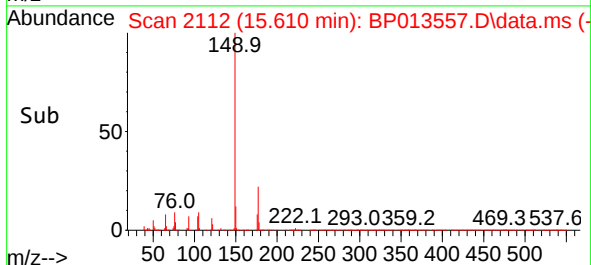
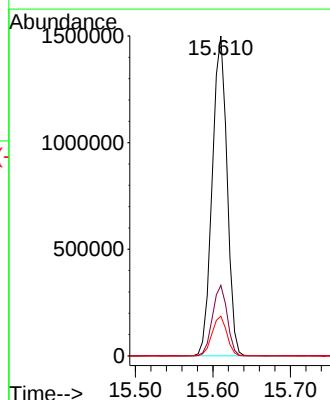
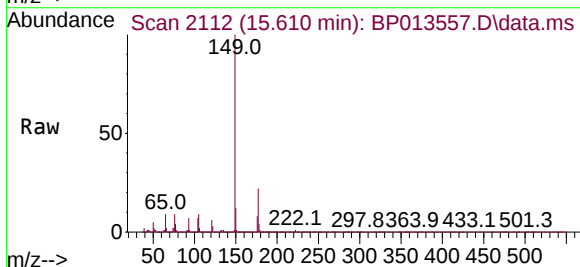
Instrument :  
BNA\_P  
ClientSampleId :  
PB150341BS

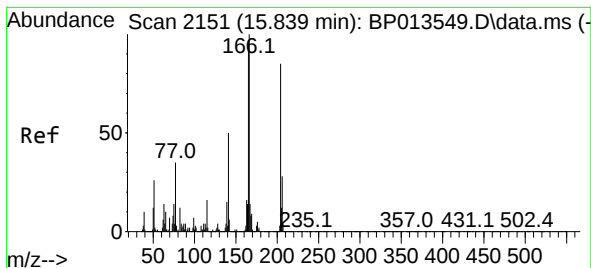
Tgt Ion:232 Resp: 490726  
Ion Ratio Lower Upper  
232 100  
131 45.8 37.1 55.7  
130 2.4 1.9 2.9  
166 31.1 25.2 37.8



#60  
Diethylphthalate  
Concen: 43.704 ng  
RT: 15.610 min Scan# 2112  
Delta R.T. -0.006 min  
Lab File: BP013557.D  
Acq: 23 Jan 2023 20:56

Tgt Ion:149 Resp: 1990380  
Ion Ratio Lower Upper  
149 100  
177 22.0 17.8 26.6  
150 12.4 9.8 14.6

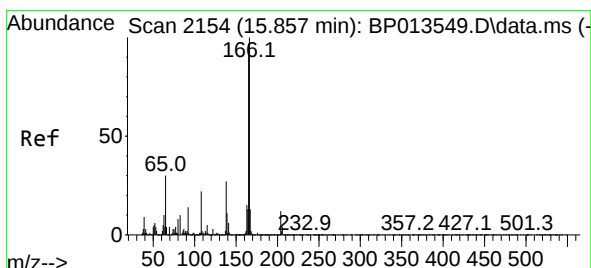
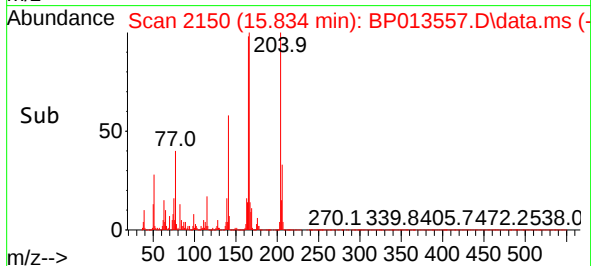
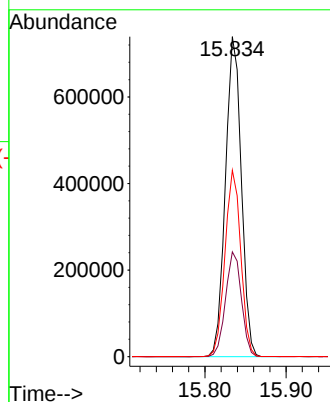
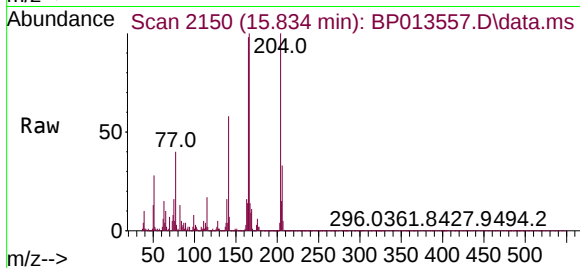




#61  
4-Chlorophenyl-phenylether  
Concen: 43.795 ng  
RT: 15.834 min Scan# 2151  
Delta R.T. -0.006 min  
Lab File: BP013557.D  
Acq: 23 Jan 2023 20:56

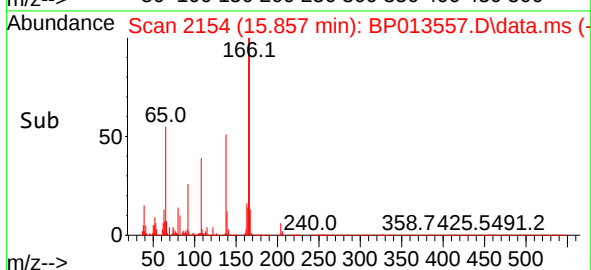
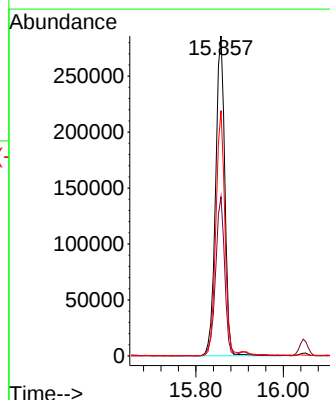
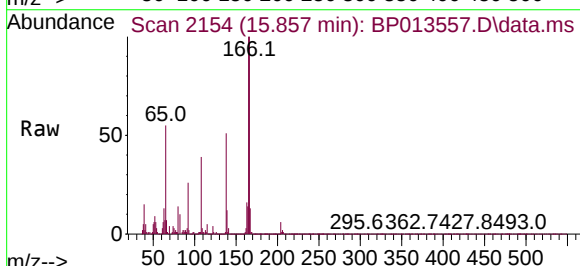
Instrument :  
BNA\_P  
ClientSampleId :  
PB150341BS

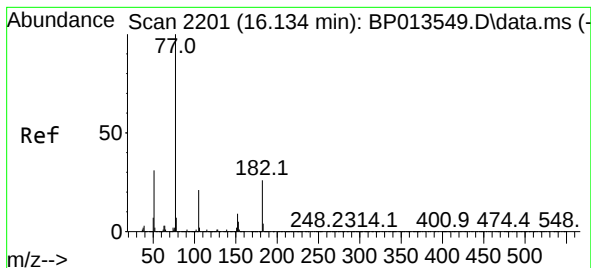
Tgt Ion:204 Resp: 1000654  
Ion Ratio Lower Upper  
204 100  
206 32.7 26.6 39.8  
141 58.2 47.0 70.4



#62  
4-Nitroaniline  
Concen: 42.671 ng  
RT: 15.857 min Scan# 2154  
Delta R.T. 0.000 min  
Lab File: BP013557.D  
Acq: 23 Jan 2023 20:56

Tgt Ion:138 Resp: 420835  
Ion Ratio Lower Upper  
138 100  
92 49.7 32.3 72.3  
108 76.7 59.2 99.2

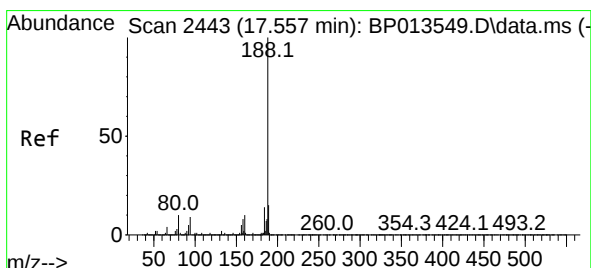
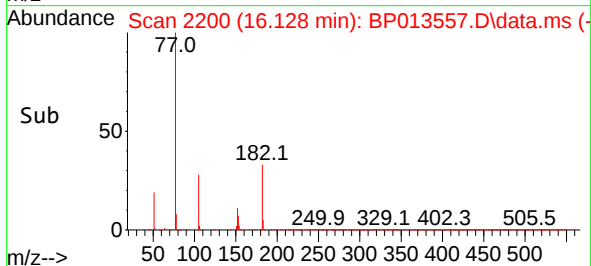
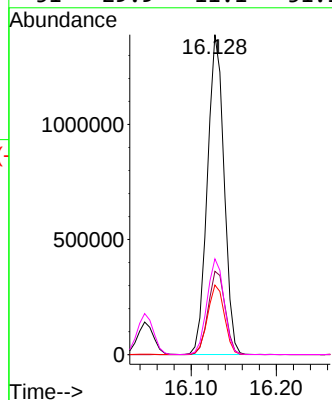
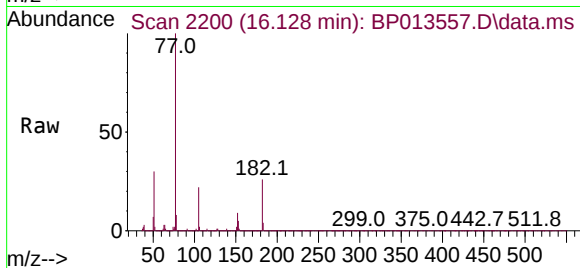




#63  
Azobenzene  
Concen: 42.534 ng  
RT: 16.128 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BP013557.D  
Acq: 23 Jan 2023 20:56

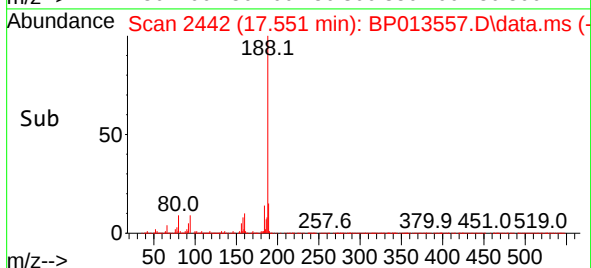
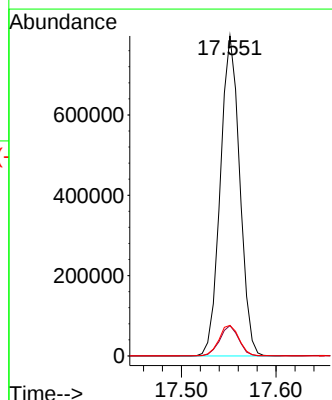
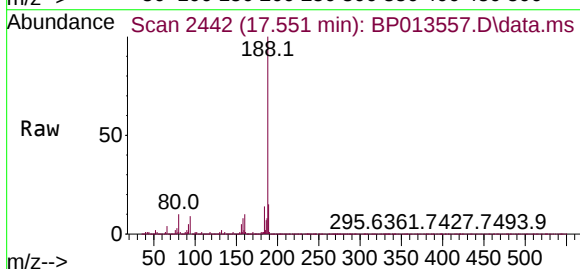
Instrument :  
BNA\_P  
ClientSampleId :  
PB150341BS

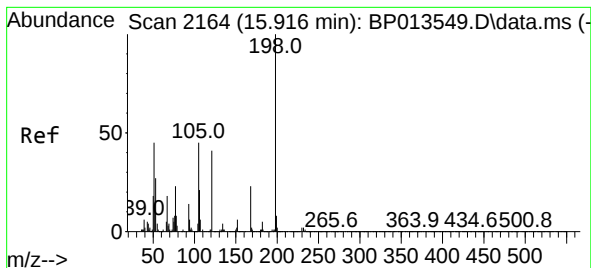
Tgt Ion: 77 Resp: 1882282  
Ion Ratio Lower Upper  
77 100  
182 26.0 5.5 45.5  
105 21.7 1.4 41.4  
51 29.9 11.1 51.1



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.551 min Scan# 2442  
Delta R.T. -0.006 min  
Lab File: BP013557.D  
Acq: 23 Jan 2023 20:56

Tgt Ion:188 Resp: 1135634  
Ion Ratio Lower Upper  
188 100  
94 9.5 7.2 10.8  
80 9.5 8.2 12.2

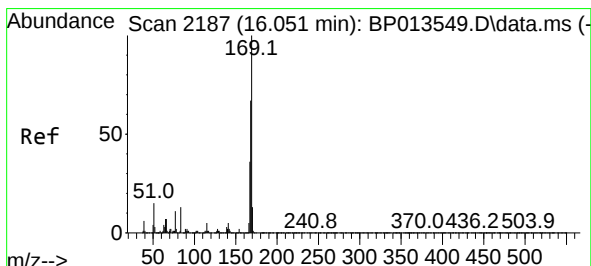
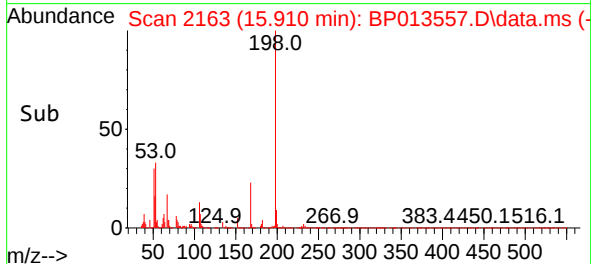
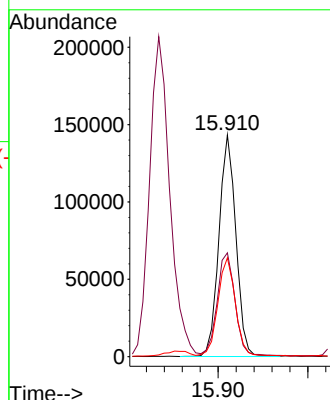
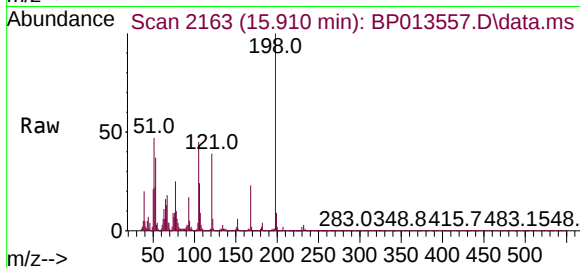




#65  
4,6-Dinitro-2-methylphenol  
Concen: 51.041 ng  
RT: 15.910 min Scan# 2163  
Delta R.T. -0.006 min  
Lab File: BP013557.D  
Acq: 23 Jan 2023 20:56

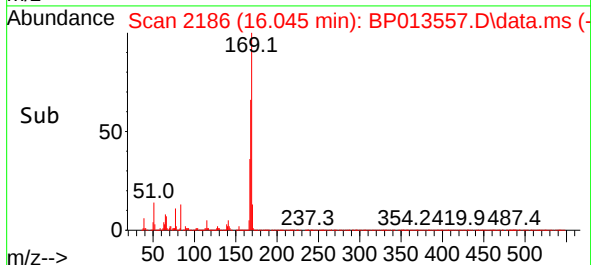
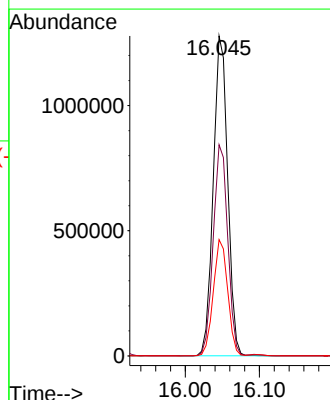
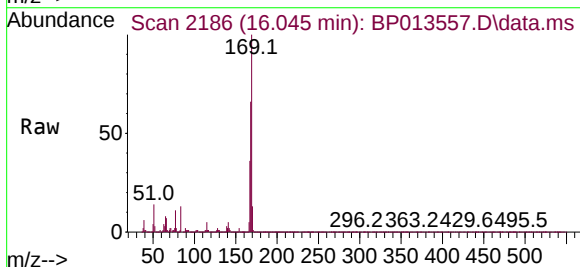
Instrument :  
BNA\_P  
ClientSampleId :  
PB150341BS

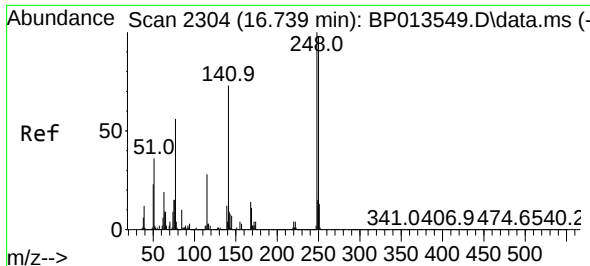
Tgt Ion:198 Resp: 187438  
Ion Ratio Lower Upper  
198 100  
51 46.8 30.4 70.4  
105 44.6 26.4 66.4



#66  
n-Nitrosodiphenylamine  
Concen: 46.561 ng  
RT: 16.045 min Scan# 2186  
Delta R.T. -0.006 min  
Lab File: BP013557.D  
Acq: 23 Jan 2023 20:56

Tgt Ion:169 Resp: 1724339  
Ion Ratio Lower Upper  
169 100  
168 66.0 54.0 81.0  
167 36.3 29.0 43.6

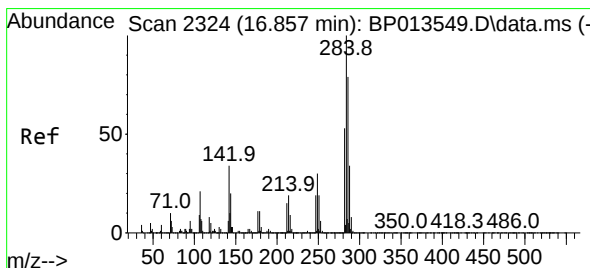
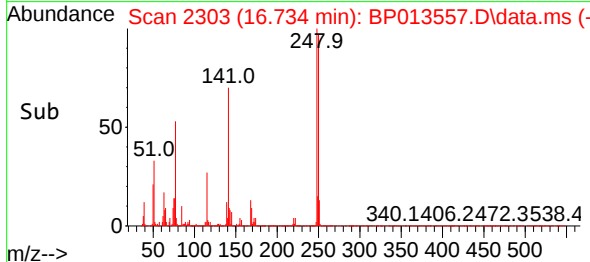
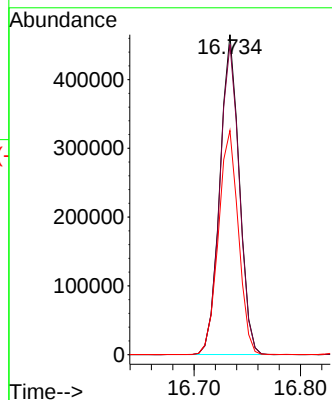
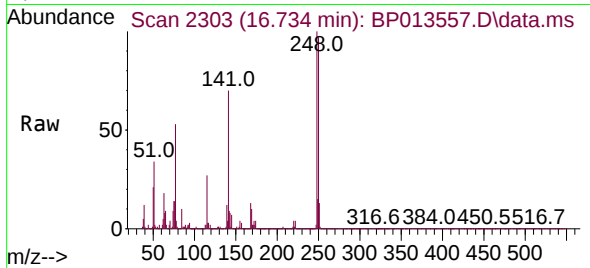




#67  
4-Bromophenyl-phenylether  
Concen: 46.726 ng  
RT: 16.734 min Scan# 2304  
Delta R.T. -0.006 min  
Lab File: BP013557.D  
Acq: 23 Jan 2023 20:56

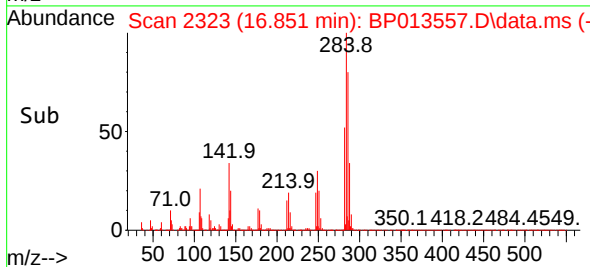
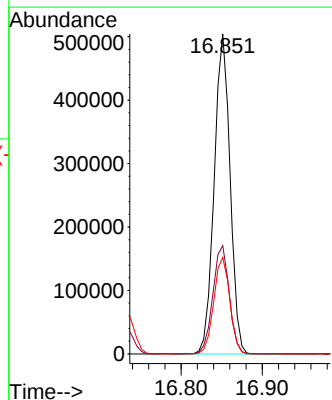
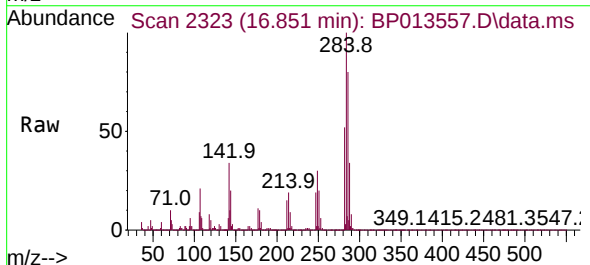
Instrument :  
BNA\_P  
ClientSampleId :  
PB150341BS

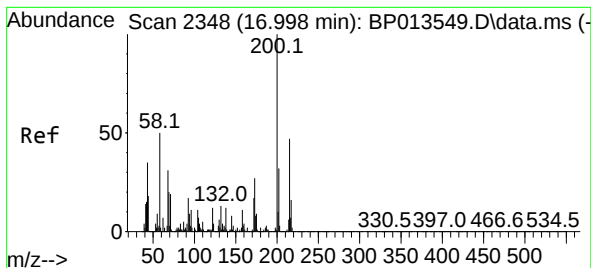
Tgt Ion:248 Resp: 587782  
Ion Ratio Lower Upper  
248 100  
250 96.9 78.1 117.1  
141 70.0 58.1 87.1



#68  
Hexachlorobenzene  
Concen: 50.367 ng  
RT: 16.851 min Scan# 2323  
Delta R.T. -0.006 min  
Lab File: BP013557.D  
Acq: 23 Jan 2023 20:56

Tgt Ion:284 Resp: 684373  
Ion Ratio Lower Upper  
284 100  
142 33.8 27.3 40.9  
249 30.1 24.0 36.0





#69

Atrazine

Concen: 52.475 ng

RT: 16.998 min Scan# 2348

Delta R.T. 0.000 min

Lab File: BP013557.D

Acq: 23 Jan 2023 20:56

Instrument :

BNA\_P

ClientSampleId :

PB150341BS

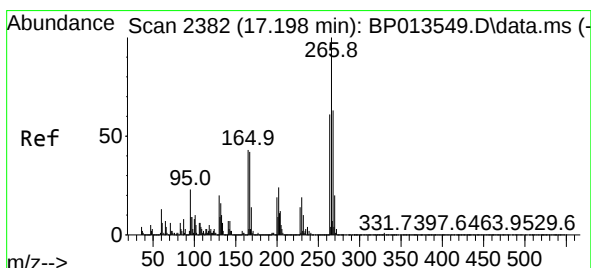
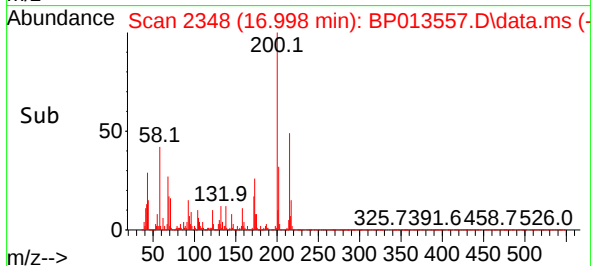
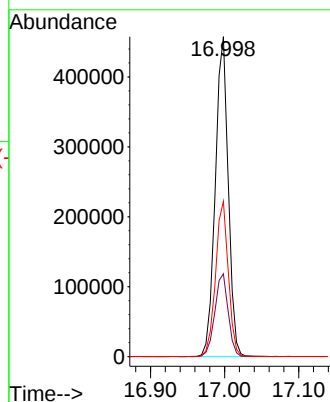
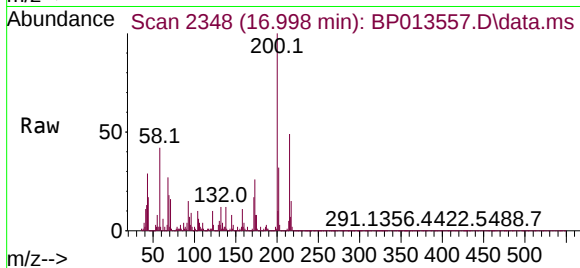
Tgt Ion:200 Resp: 556038

Ion Ratio Lower Upper

200 100

173 25.9 7.2 47.2

215 48.5 27.3 67.3



#70

Pentachlorophenol

Concen: 82.754 ng

RT: 17.192 min Scan# 2381

Delta R.T. -0.006 min

Lab File: BP013557.D

Acq: 23 Jan 2023 20:56

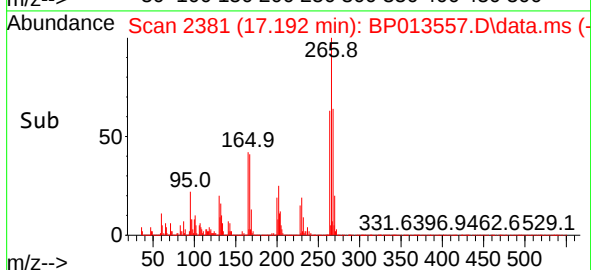
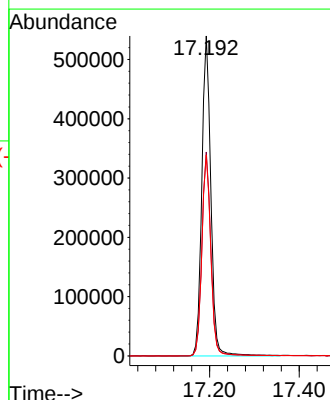
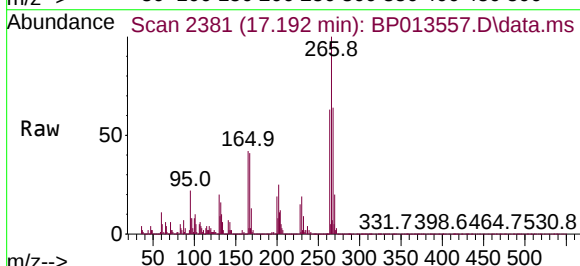
Tgt Ion:266 Resp: 752263

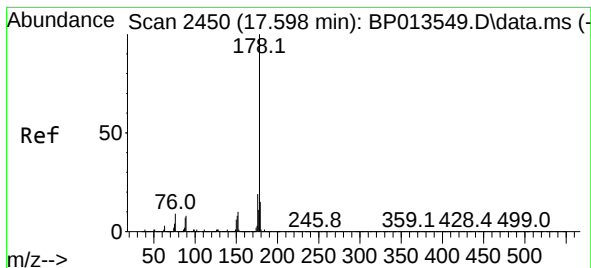
Ion Ratio Lower Upper

266 100

268 63.7 50.7 76.1

264 62.8 48.9 73.3





#71

Phenanthrene

Concen: 46.311 ng

RT: 17.592 min Scan# 24

Delta R.T. -0.006 min

Lab File: BP013557.D

Acq: 23 Jan 2023 20:56

Instrument :

BNA\_P

ClientSampleId :

PB150341BS

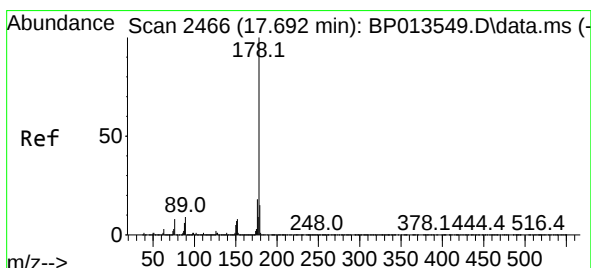
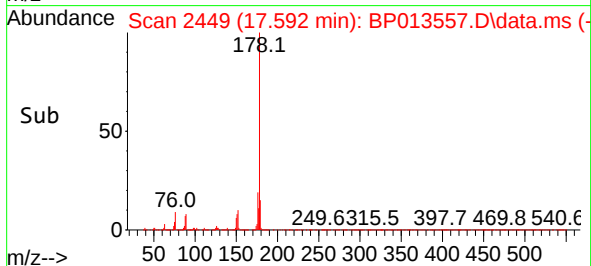
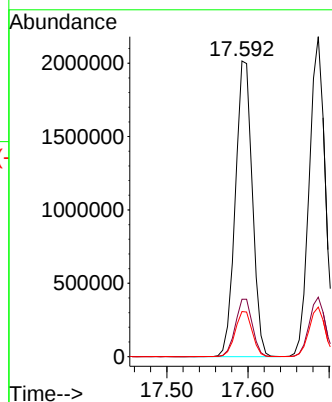
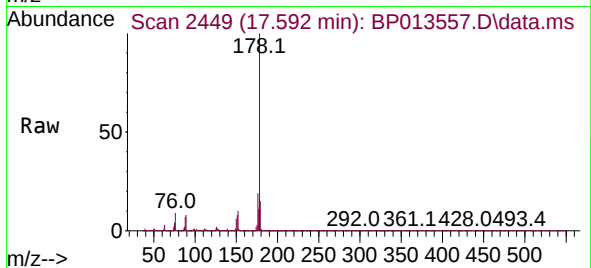
Tgt Ion:178 Resp: 2926130

Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

179 15.2 12.2 18.4



#72

Anthracene

Concen: 46.125 ng

RT: 17.687 min Scan# 2465

Delta R.T. -0.006 min

Lab File: BP013557.D

Acq: 23 Jan 2023 20:56

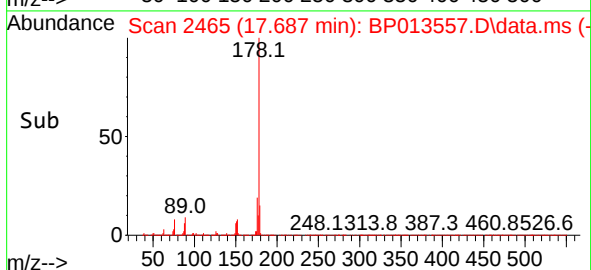
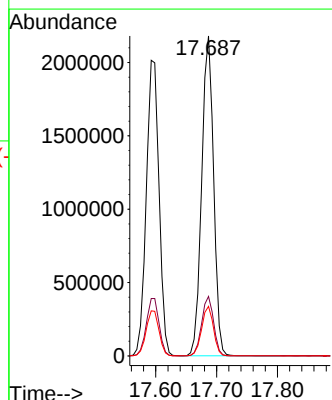
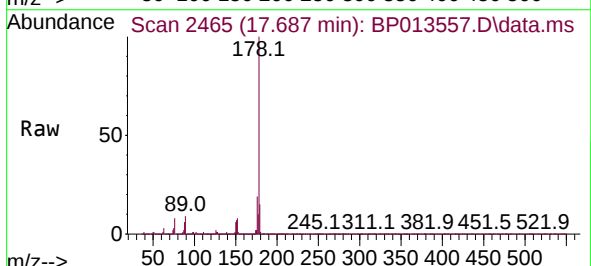
Tgt Ion:178 Resp: 2957937

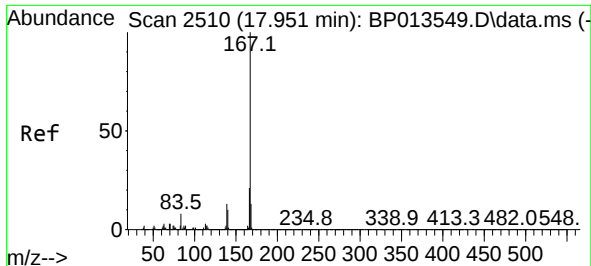
Ion Ratio Lower Upper

178 100

176 18.6 14.6 22.0

179 15.5 12.3 18.5

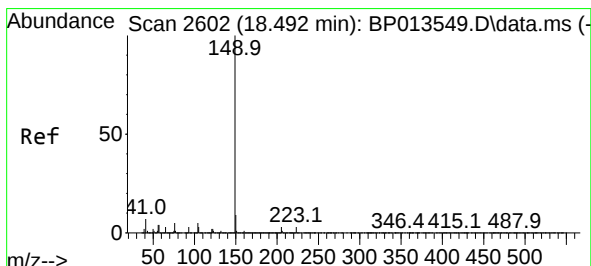
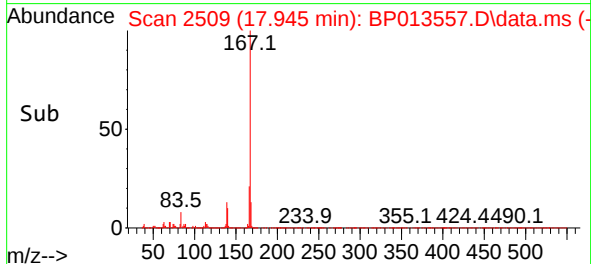
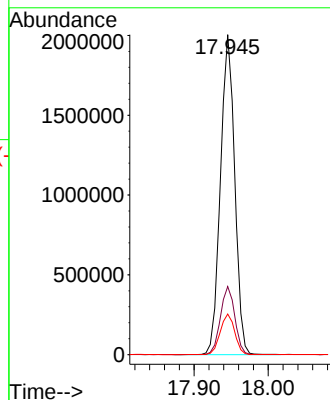
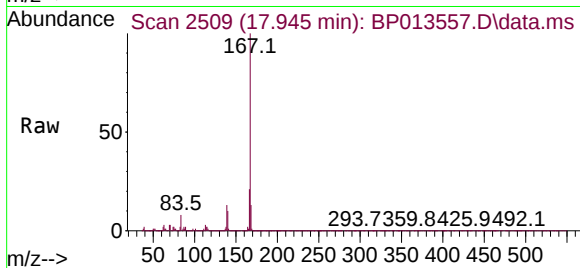




#73  
Carbazole  
Concen: 46.418 ng  
RT: 17.945 min Scan# 2510  
Delta R.T. -0.006 min  
Lab File: BP013557.D  
Acq: 23 Jan 2023 20:56

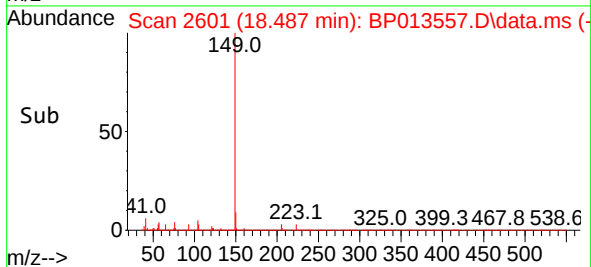
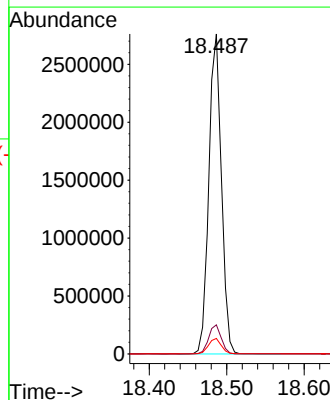
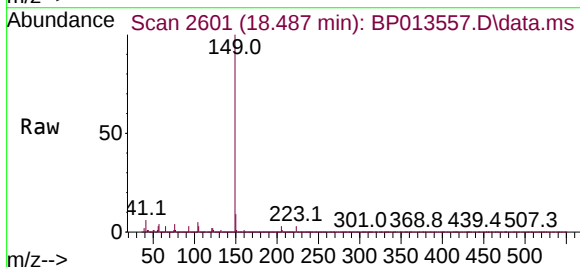
Instrument :  
BNA\_P  
ClientSampleId :  
PB150341BS

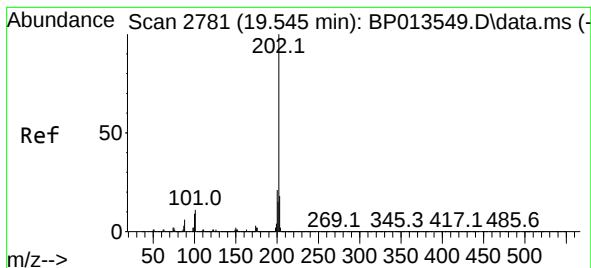
Tgt Ion:167 Resp: 2675140  
Ion Ratio Lower Upper  
167 100  
166 21.3 17.2 25.8  
139 12.7 10.3 15.5



#74  
Di-n-butylphthalate  
Concen: 48.421 ng  
RT: 18.487 min Scan# 2601  
Delta R.T. -0.006 min  
Lab File: BP013557.D  
Acq: 23 Jan 2023 20:56

Tgt Ion:149 Resp: 3105839  
Ion Ratio Lower Upper  
149 100  
150 9.1 7.4 11.0  
104 4.8 3.9 5.9





#75

Fluoranthene

Concen: 44.892 ng

RT: 19.539 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013557.D

Acq: 23 Jan 2023 20:56

Instrument :

BNA\_P

ClientSampleId :

PB150341BS

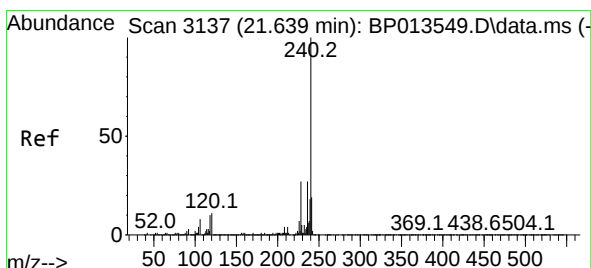
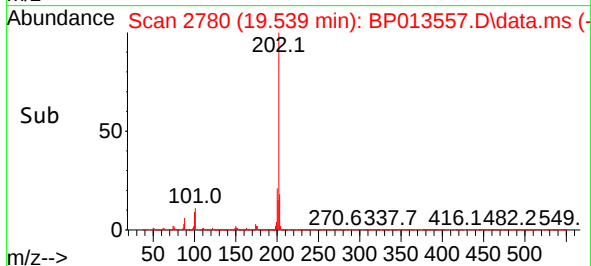
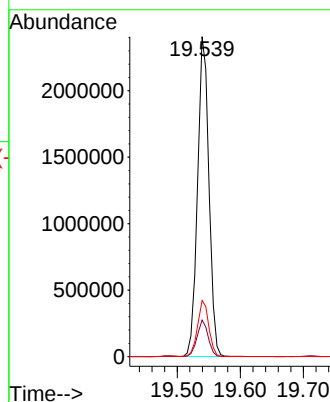
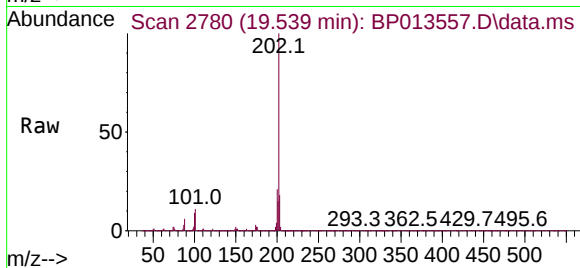
Tgt Ion:202 Resp: 3016393

Ion Ratio Lower Upper

202 100

101 11.4 0.0 31.4

203 17.5 0.0 37.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.628 min Scan# 3135

Delta R.T. -0.012 min

Lab File: BP013557.D

Acq: 23 Jan 2023 20:56

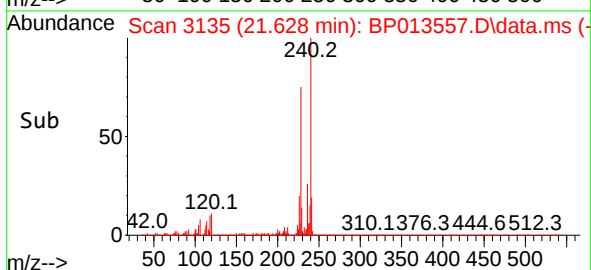
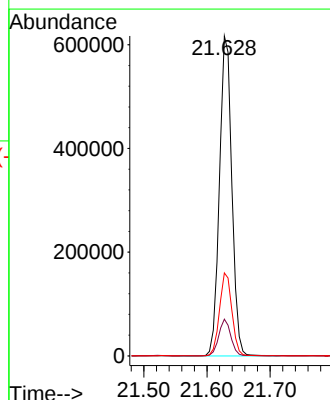
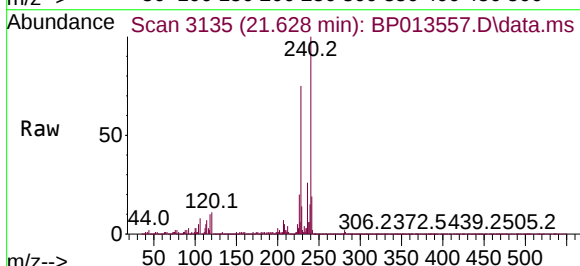
Tgt Ion:240 Resp: 838750

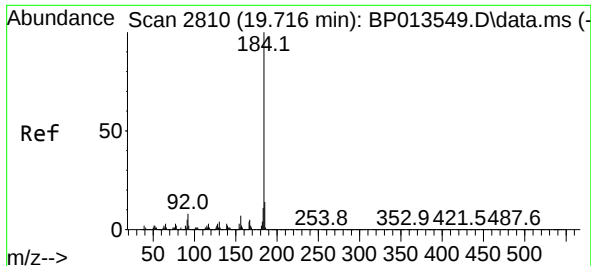
Ion Ratio Lower Upper

240 100

120 11.5 8.6 13.0

236 25.9 21.3 31.9

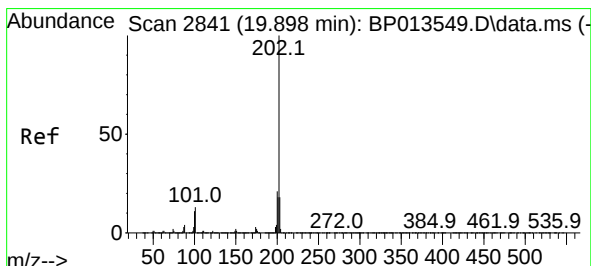
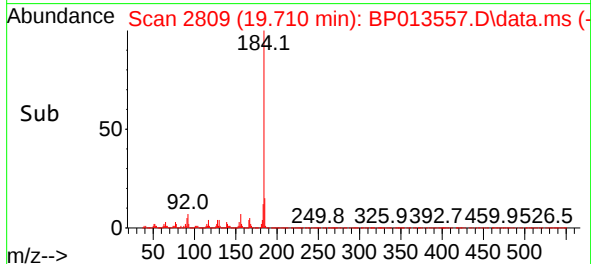
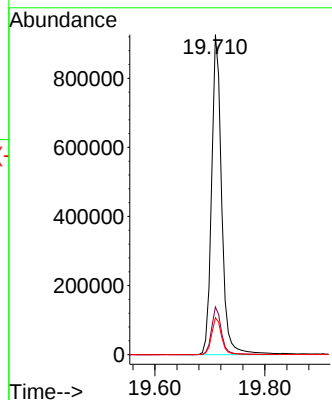
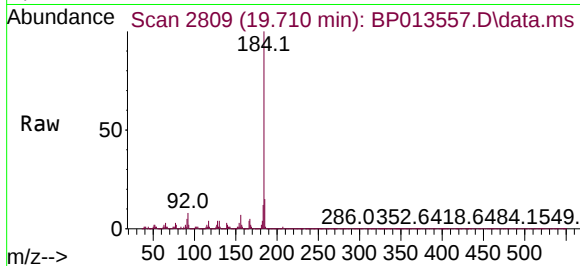




#77  
Benzidine  
Concen: 55.724 ng  
RT: 19.710 min Scan# 2810  
Delta R.T. -0.006 min  
Lab File: BP013557.D  
Acq: 23 Jan 2023 20:56

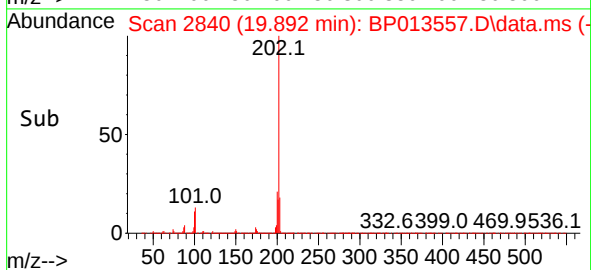
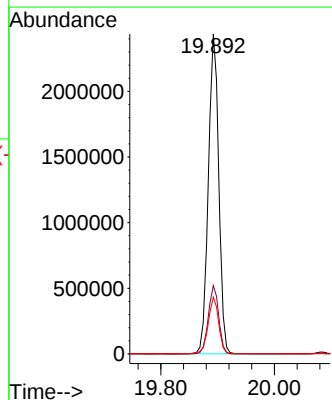
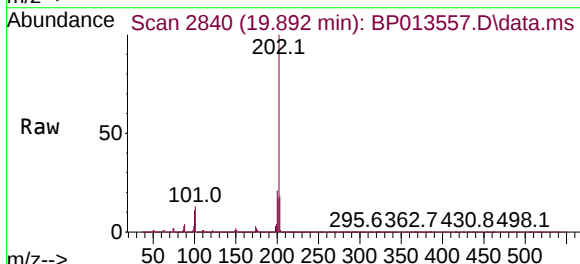
Instrument :  
BNA\_P  
ClientSampleId :  
PB150341BS

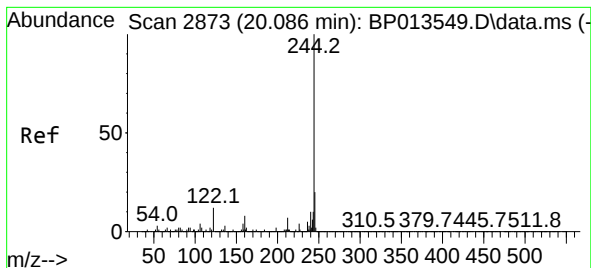
Tgt Ion:184 Resp: 1175496  
Ion Ratio Lower Upper  
184 100  
185 14.9 11.5 17.3  
183 11.5 9.0 13.6



#78  
Pyrene  
Concen: 48.606 ng  
RT: 19.892 min Scan# 2840  
Delta R.T. -0.006 min  
Lab File: BP013557.D  
Acq: 23 Jan 2023 20:56

Tgt Ion:202 Resp: 3117255  
Ion Ratio Lower Upper  
202 100  
200 21.3 17.0 25.6  
203 17.7 14.2 21.2





#79

Terphenyl-d14

Concen: 105.801 ng

RT: 20.081 min Scan# 2873

Delta R.T. -0.006 min

Lab File: BP013557.D

Acq: 23 Jan 2023 20:56

Instrument :

BNA\_P

ClientSampleId :

PB150341BS

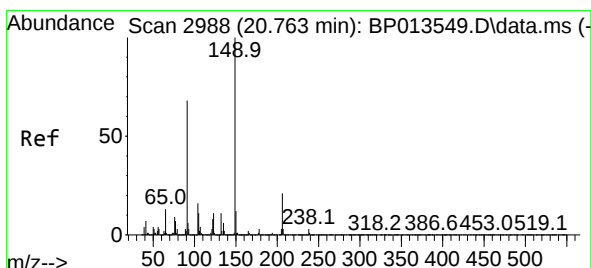
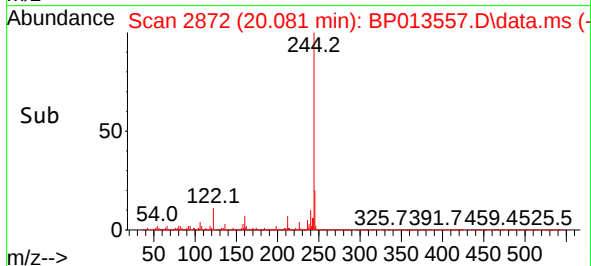
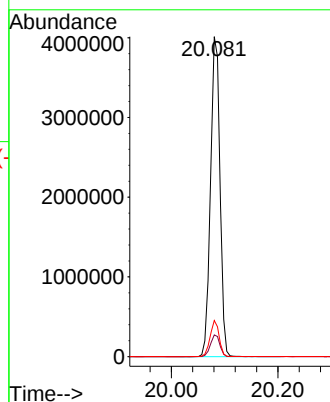
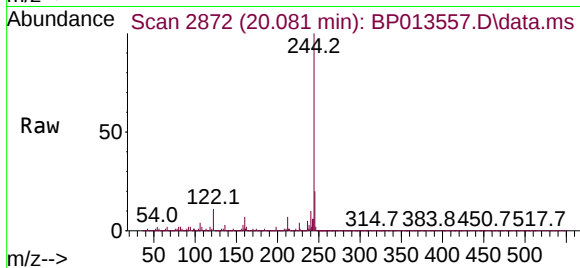
Tgt Ion:244 Resp: 4932785

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 11.3 9.2 13.8



#80

Butylbenzylphthalate

Concen: 53.628 ng

RT: 20.751 min Scan# 2986

Delta R.T. -0.012 min

Lab File: BP013557.D

Acq: 23 Jan 2023 20:56

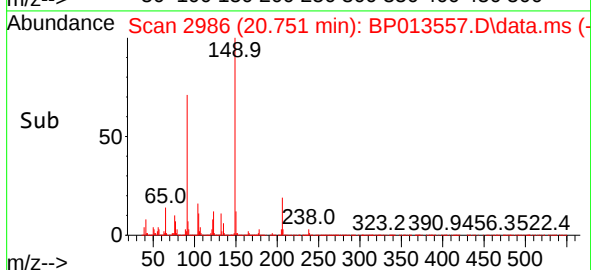
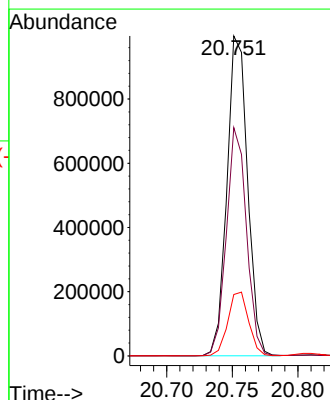
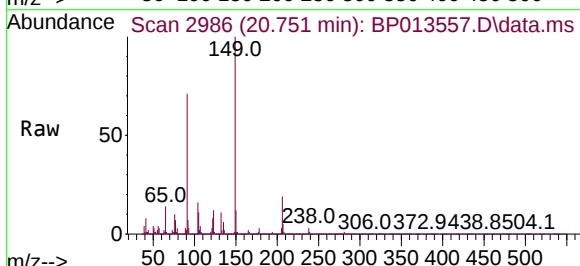
Tgt Ion:149 Resp: 1095049

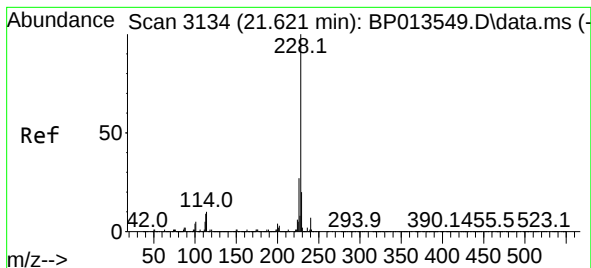
Ion Ratio Lower Upper

149 100

91 71.3 54.6 81.8

206 19.2 16.7 25.1





#81

Benzo(a)anthracene

Concen: 46.771 ng

RT: 21.610 min Scan# 3119

Delta R.T. -0.011 min

Lab File: BP013557.D

Acq: 23 Jan 2023 20:56

Instrument :

BNA\_P

ClientSampleId :

PB150341BS

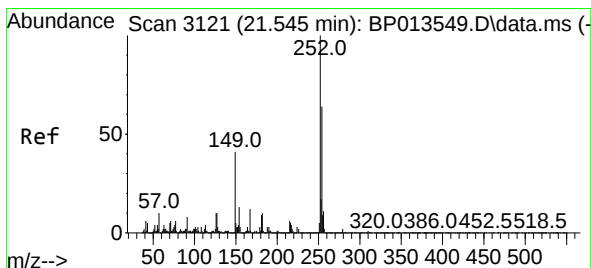
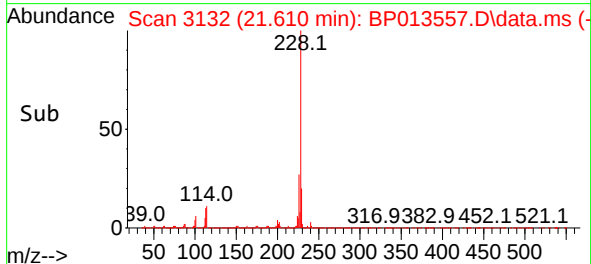
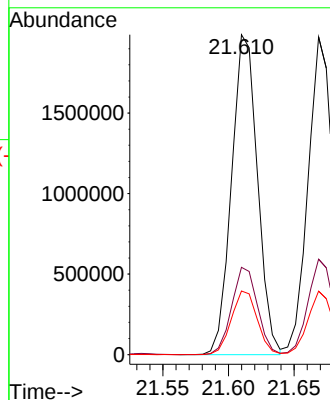
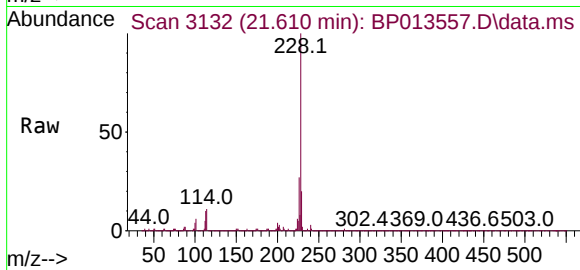
Tgt Ion:228 Resp: 2732957

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

229 19.9 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 29.001 ng

RT: 21.533 min Scan# 3119

Delta R.T. -0.012 min

Lab File: BP013557.D

Acq: 23 Jan 2023 20:56

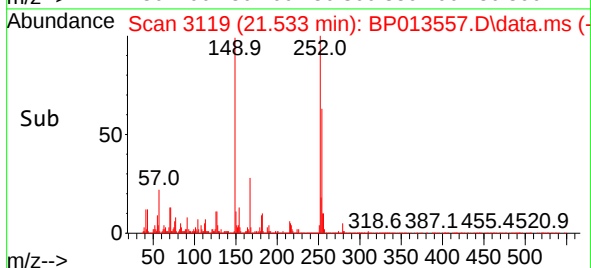
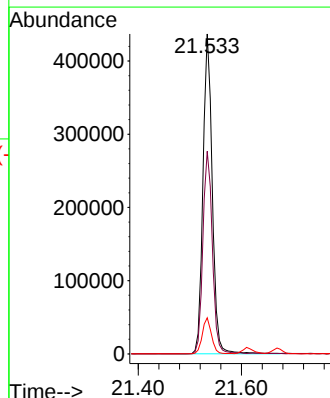
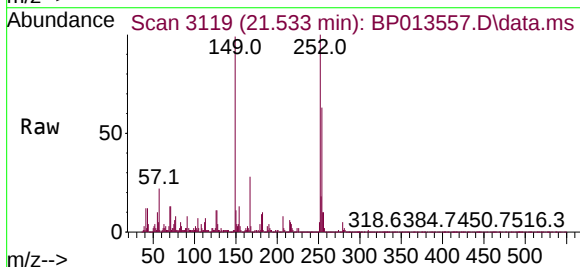
Tgt Ion:252 Resp: 546009

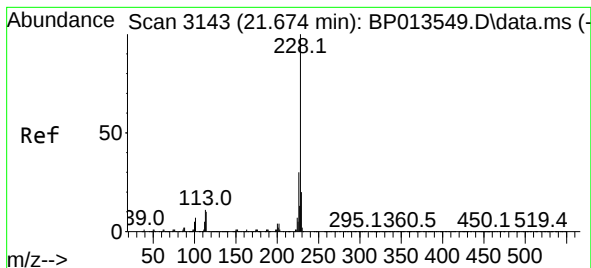
Ion Ratio Lower Upper

252 100

254 63.3 51.4 77.0

126 11.3 8.3 12.5





#83

Chrysene

Concen: 46.570 ng

RT: 21.669 min Scan# 3142

Delta R.T. -0.006 min

Lab File: BP013557.D

Acq: 23 Jan 2023 20:56

Instrument :

BNA\_P

ClientSampleId :

PB150341BS

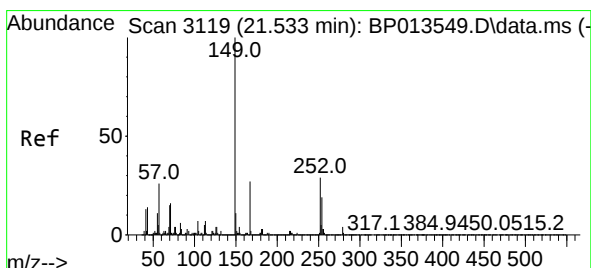
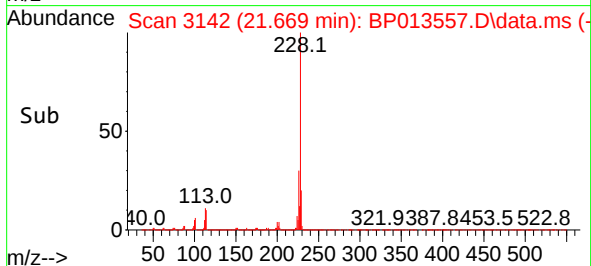
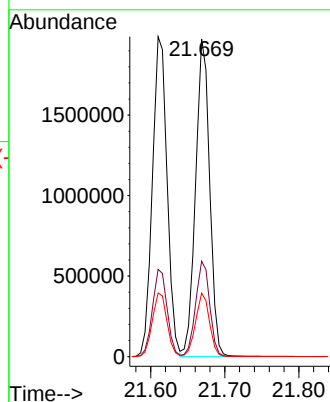
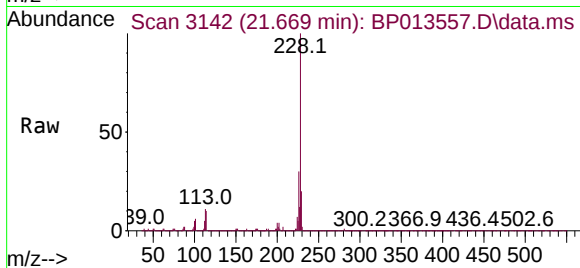
Tgt Ion:228 Resp: 2602703

Ion Ratio Lower Upper

228 100

226 30.1 24.1 36.1

229 20.0 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.932 ng

RT: 21.522 min Scan# 3117

Delta R.T. -0.012 min

Lab File: BP013557.D

Acq: 23 Jan 2023 20:56

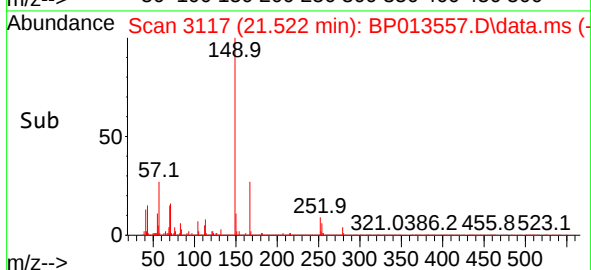
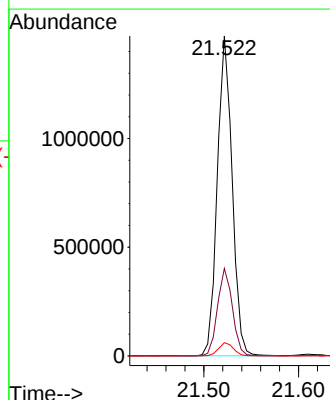
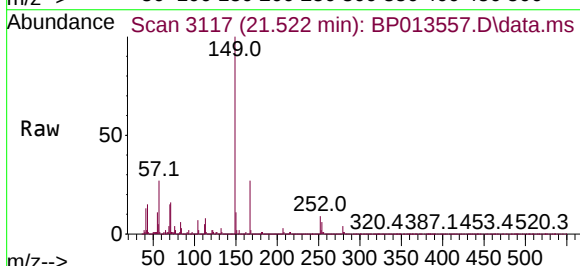
Tgt Ion:149 Resp: 1599069

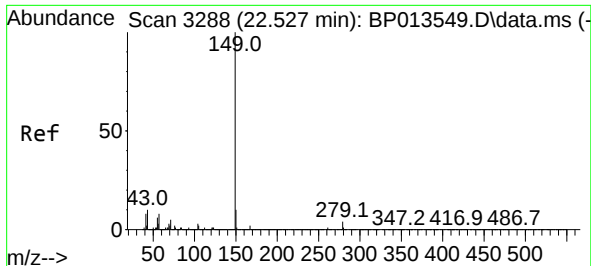
Ion Ratio Lower Upper

149 100

167 27.3 22.0 33.0

279 4.1 3.5 5.3

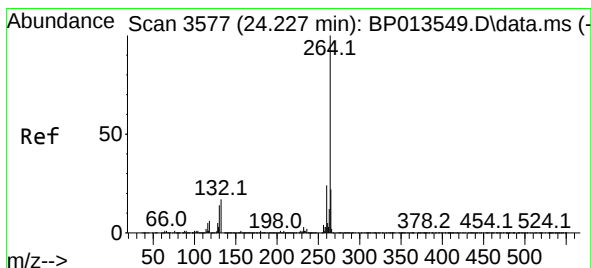
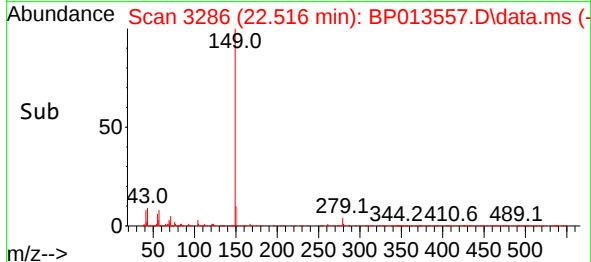
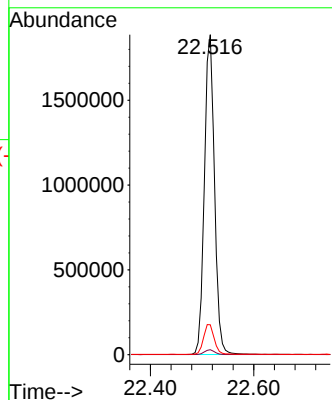
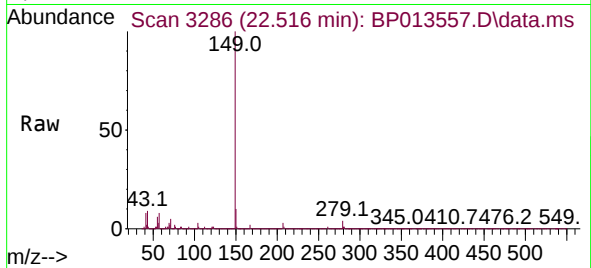




#85  
Di-n-octyl phthalate  
Concen: 48.577 ng  
RT: 22.516 min Scan# 31  
Delta R.T. -0.012 min  
Lab File: BP013557.D  
Acq: 23 Jan 2023 20:56

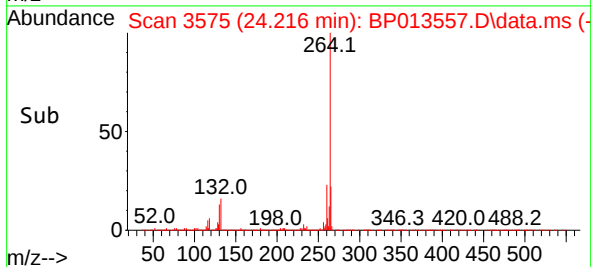
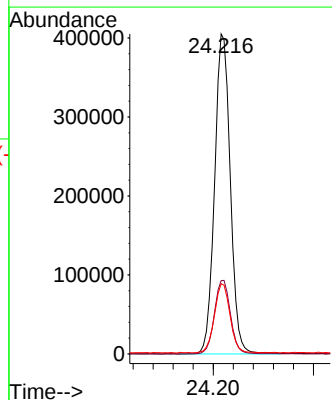
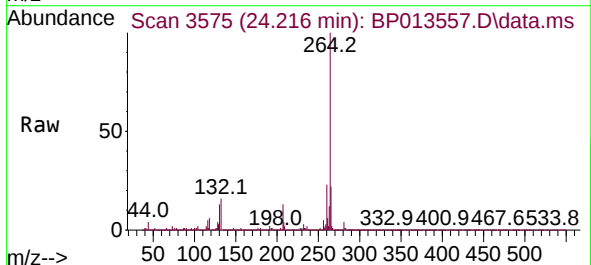
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BNA\_P  
ClientSampleId :  
PB150341BS

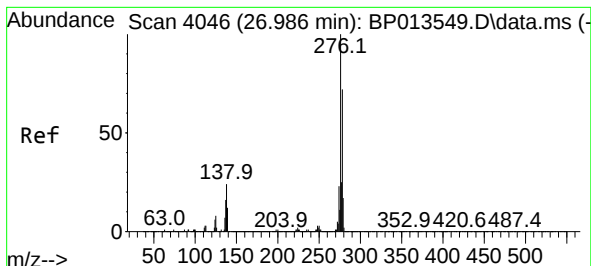
Tgt Ion:149 Resp: 2559341  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.2 1.8  
43 9.9 8.2 12.4



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.216 min Scan# 3575  
Delta R.T. -0.012 min  
Lab File: BP013557.D  
Acq: 23 Jan 2023 20:56

Tgt Ion:264 Resp: 878451  
Ion Ratio Lower Upper  
264 100  
260 22.9 18.8 28.2  
265 21.9 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.635 ng

RT: 26.963 min Scan# 4046

Delta R.T. -0.023 min

Lab File: BP013557.D

Acq: 23 Jan 2023 20:56

Instrument :

BNA\_P

ClientSampleId :

PB150341BS

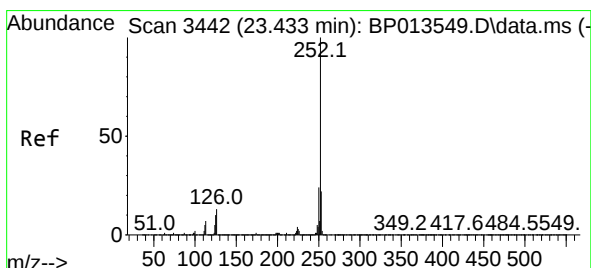
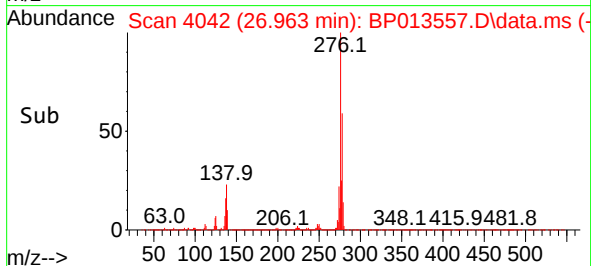
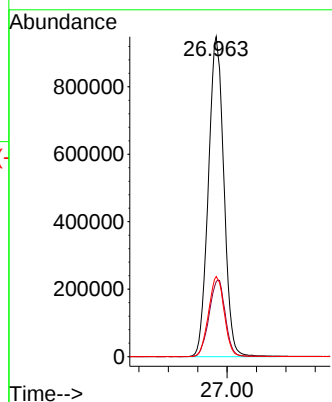
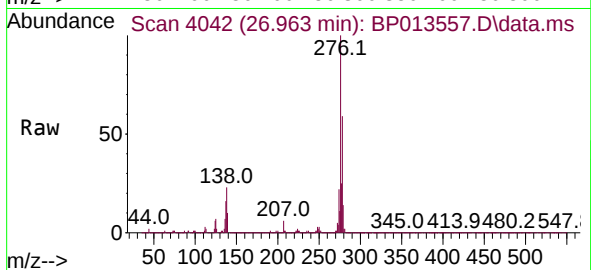
Tgt Ion:276 Resp: 3470425

Ion Ratio Lower Upper

276 100

138 24.8 19.8 29.6

277 25.4 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 50.328 ng

RT: 23.422 min Scan# 3440

Delta R.T. -0.012 min

Lab File: BP013557.D

Acq: 23 Jan 2023 20:56

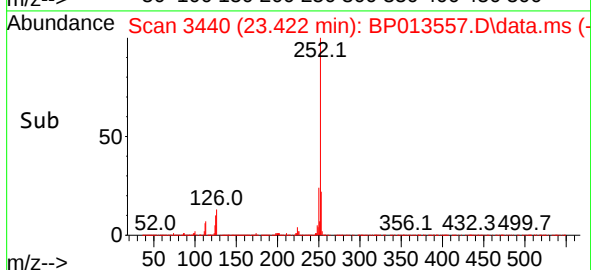
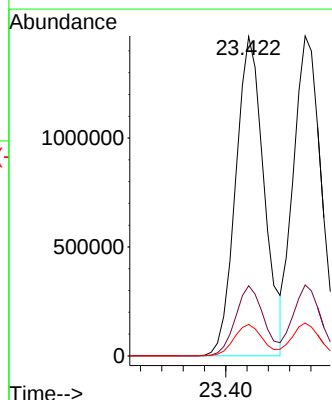
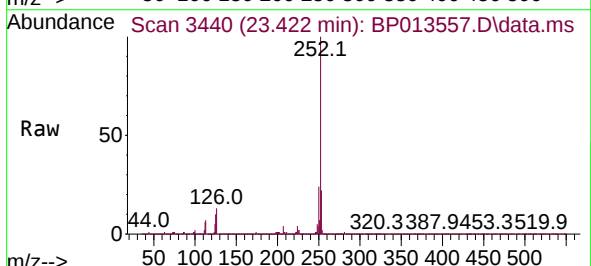
Tgt Ion:252 Resp: 2719745

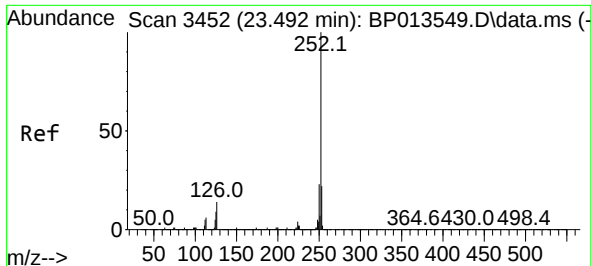
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 9.8 8.0 12.0

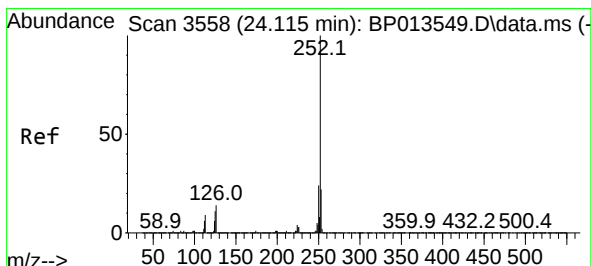
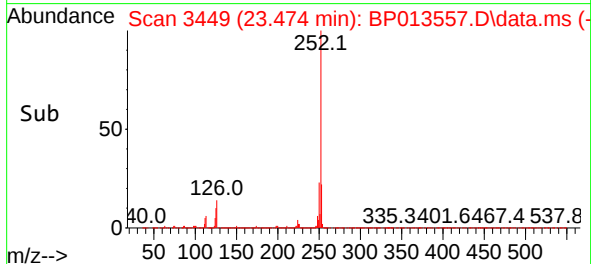
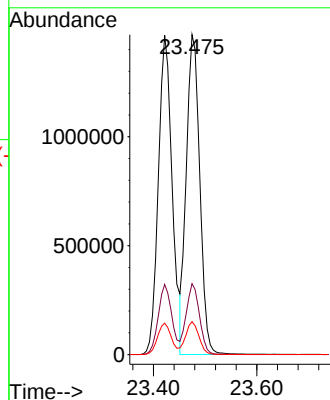
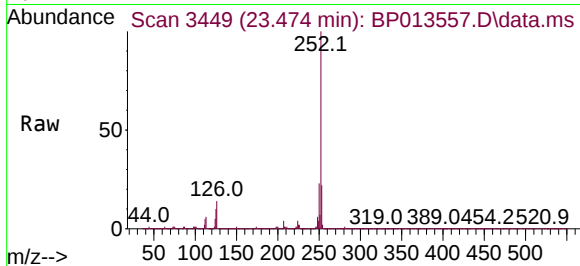




#89  
Benzo(k)fluoranthene  
Concen: 48.281 ng  
RT: 23.474 min Scan# 34  
Delta R.T. -0.017 min  
Lab File: BP013557.D  
Acq: 23 Jan 2023 20:56

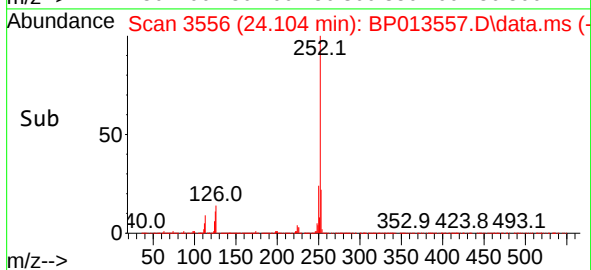
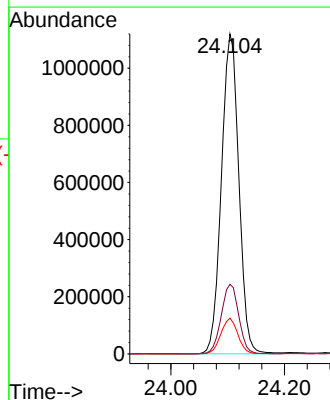
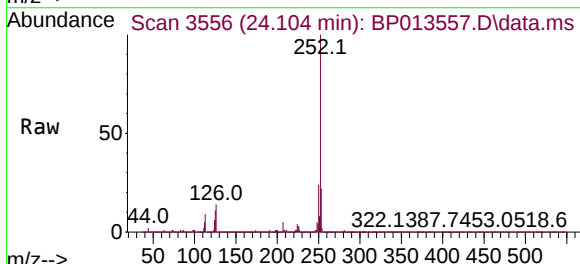
Instrument :  
BNA\_P  
ClientSampleId :  
PB150341BS

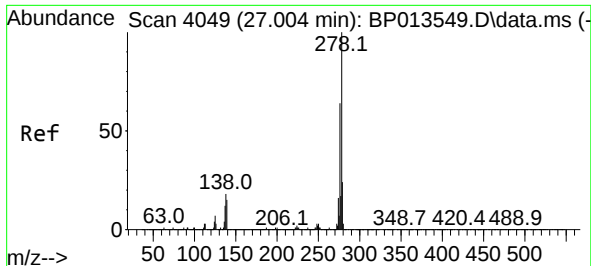
Tgt Ion:252 Resp: 2661149  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.7 26.5  
125 10.3 7.5 11.3



#90  
Benzo(a)pyrene  
Concen: 45.286 ng  
RT: 24.104 min Scan# 3556  
Delta R.T. -0.012 min  
Lab File: BP013557.D  
Acq: 23 Jan 2023 20:56

Tgt Ion:252 Resp: 2373965  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.7 26.5  
125 11.2 8.9 13.3

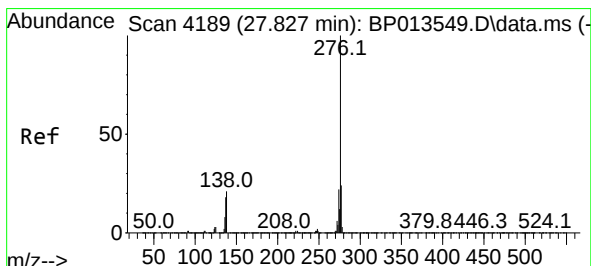
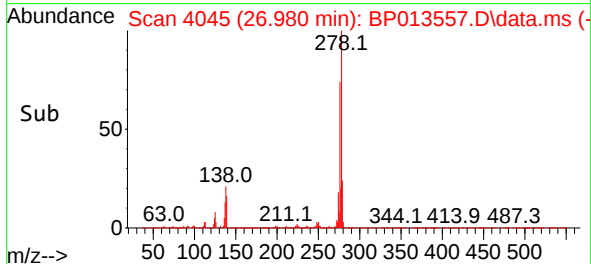
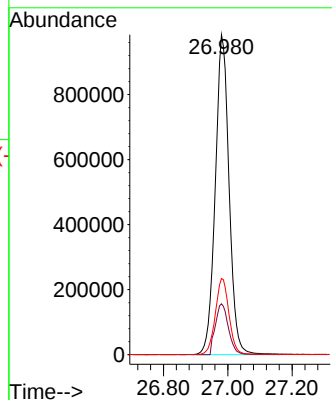
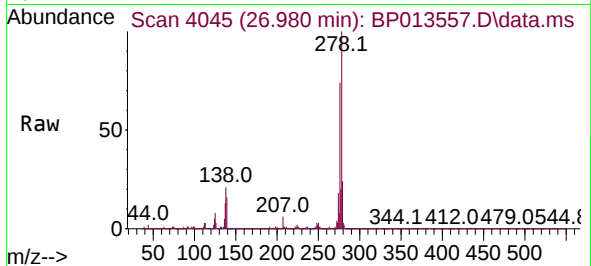




#91  
Dibenzo(a,h)anthracene  
Concen: 54.106 ng  
RT: 26.980 min Scan# 4049  
Delta R.T. -0.023 min  
Lab File: BP013557.D  
Acq: 23 Jan 2023 20:56

Instrument :  
BNA\_P  
ClientSampleId :  
PB150341BS

Tgt Ion:278 Resp: 2936552  
Ion Ratio Lower Upper  
278 100  
139 15.9 12.3 18.5  
279 23.8 19.0 28.6



#92  
Benzo(g,h,i)perylene  
Concen: 54.085 ng  
RT: 27.810 min Scan# 4186  
Delta R.T. -0.017 min  
Lab File: BP013557.D  
Acq: 23 Jan 2023 20:56

Tgt Ion:276 Resp: 2865279  
Ion Ratio Lower Upper  
276 100  
277 24.1 19.0 28.6  
138 20.8 16.6 25.0

