

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP013123\  
 Data File : BP013681.D  
 Acq On : 31 Jan 2023 19:21  
 Operator : CG/JU  
 Sample : PB150507BS  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB150507BS

Quant Time: Feb 01 06:30:23 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP013123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 01 03:43:48 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.140  | 152  | 296873   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.969 | 136  | 1165419  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.775 | 164  | 773594   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.533 | 188  | 1729773  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.610 | 240  | 1533445  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.180 | 264  | 1334148  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.675  | 112  | 2611220  | 150.359 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.293  | 99   | 3384041  | 146.264 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.316  | 82   | 1868333  | 93.254  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.269 | 330  | 1653243  | 142.483 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.404 | 172  | 4915230  | 88.906  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.063 | 244  | 8268334  | 107.072 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.516  | 88   | 268223   | 36.507  | ng    | 99       |
| 3) Pyridine                   | 3.928  | 79   | 732505   | 34.627  | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.834  | 42   | 337195   | 44.455  | ng    | 99       |
| 6) Aniline                    | 7.457  | 93   | 1223728  | 40.572  | ng    | 99       |
| 8) 2-Chlorophenol             | 7.699  | 128  | 925461   | 50.618  | ng    | 99       |
| 9) Benzaldehyde               | 7.269  | 77   | 391227   | 28.976  | ng    | 98       |
| 10) Phenol                    | 7.316  | 94   | 1220489  | 50.496  | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 7.552  | 93   | 913661   | 47.322  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 8.028  | 146  | 995478   | 48.335  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 8.175  | 146  | 1015068  | 48.711  | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 8.499  | 146  | 977595   | 49.026  | ng    | 99       |
| 15) Benzyl Alcohol            | 8.381  | 79   | 816141   | 49.816  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.675  | 45   | 1088815  | 48.286  | ng    | 100      |
| 17) 2-Methylphenol            | 8.581  | 107  | 802297   | 47.369  | ng    | 99       |
| 18) Hexachloroethane          | 9.234  | 117  | 336566   | 48.981  | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 8.957  | 70   | 679138   | 46.785  | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.910  | 107  | 1075448  | 46.545  | ng    | 98       |
| 22) Acetophenone              | 8.975  | 105  | 1349812  | 44.415  | ng    | # 99     |
| 24) Nitrobenzene              | 9.357  | 77   | 990829   | 45.595  | ng    | 98       |
| 25) Isophorone                | 9.893  | 82   | 1929587  | 43.454  | ng    | 100      |
| 26) 2-Nitrophenol             | 10.075 | 139  | 443229   | 44.269  | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 10.128 | 122  | 850415   | 47.454  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 10.369 | 93   | 1217609  | 45.749  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.610 | 162  | 940886   | 48.237  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.828 | 180  | 1003888  | 46.384  | ng    | 99       |
| 31) Naphthalene               | 11.022 | 128  | 2686639  | 43.843  | ng    | 100      |
| 32) Benzoic acid              | 10.269 | 122  | 632833   | 44.461  | ng    | 97       |
| 33) 4-Chloroaniline           | 11.128 | 127  | 550261   | 20.437  | ng    | 99       |
| 34) Hexachlorobutadiene       | 11.304 | 225  | 628904   | 45.777  | ng    | 99       |
| 35) Caprolactam               | 11.922 | 113  | 139565   | 21.787  | ng    | 96       |
| 36) 4-Chloro-3-methylphenol   | 12.234 | 107  | 947802   | 46.194  | ng    | 100      |
| 37) 2-Methylnaphthalene       | 12.616 | 142  | 1961559  | 42.573  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.834 | 142  | 1827539  | 42.225  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.981 | 216  | 1218607  | 46.141  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.957 | 237  | 1409291  | 116.910 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 13.216 | 196  | 832985   | 47.897  | ng    | 99       |

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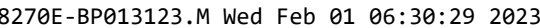
Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB150507BS

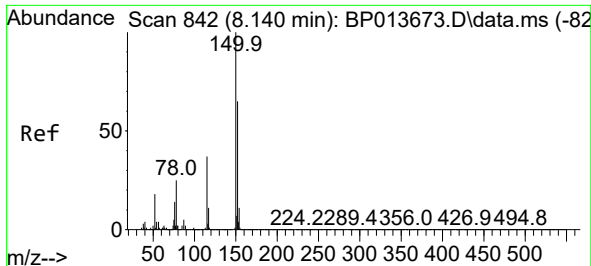
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 QLast Update : Wed Feb 01 03:43:48 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.287 | 196  | 899250   | 44.163 | ng    | 100      |
| 46) 1,1'-Biphenyl             | 13.616 | 154  | 2659273  | 45.426 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.657 | 162  | 2075719  | 45.872 | ng    | 100      |
| 48) 2-Nitroaniline            | 13.857 | 65   | 476118   | 42.466 | ng    | 100      |
| 49) Acenaphthylene            | 14.504 | 152  | 3223148  | 44.169 | ng    | 100      |
| 50) Dimethylphthalate         | 14.228 | 163  | 2665199  | 44.542 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.345 | 165  | 543210   | 44.397 | ng    | 99       |
| 52) Acenaphthene              | 14.839 | 154  | 1967229  | 41.874 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.681 | 138  | 396925   | 31.407 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 14.881 | 184  | 708001   | 87.558 | ng    | 98       |
| 55) Dibenzofuran              | 15.175 | 168  | 3184362  | 43.310 | ng    | 100      |
| 56) 4-Nitrophenol             | 14.981 | 139  | 995525   | 95.960 | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 15.134 | 165  | 741513   | 45.209 | ng    | 99       |
| 58) Fluorene                  | 15.822 | 166  | 2512468  | 43.525 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.398 | 232  | 832636   | 47.026 | ng    | 99       |
| 60) Diethylphthalate          | 15.586 | 149  | 2533944  | 44.175 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.810 | 204  | 1392027  | 44.283 | ng    | 99       |
| 62) 4-Nitroaniline            | 15.845 | 138  | 529461   | 40.903 | ng    | 99       |
| 63) Azobenzene                | 16.110 | 77   | 2345322  | 44.261 | ng    | 100      |
| 65) 4,6-Dinitro-2-methylph... | 15.898 | 198  | 439388   | 44.286 | ng    | 95       |
| 66) n-Nitrosodiphenylamine    | 16.028 | 169  | 2254758  | 44.799 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 16.710 | 248  | 916690   | 46.230 | ng    | 99       |
| 68) Hexachlorobenzene         | 16.833 | 284  | 1069972  | 48.730 | ng    | 99       |
| 69) Atrazine                  | 16.980 | 200  | 852382   | 52.046 | ng    | 99       |
| 70) Pentachlorophenol         | 17.175 | 266  | 1426142  | 88.052 | ng    | 100      |
| 71) Phenanthrene              | 17.575 | 178  | 4164274  | 44.914 | ng    | 99       |
| 72) Anthracene                | 17.663 | 178  | 4178595  | 44.642 | ng    | 99       |
| 73) Carbazole                 | 17.927 | 167  | 3766053  | 44.310 | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.463 | 149  | 4281361  | 46.031 | ng    | 100      |
| 75) Fluoranthene              | 19.522 | 202  | 4979515  | 43.140 | ng    | 99       |
| 77) Benzidine                 | 19.692 | 184  | 1638078  | 49.456 | ng    | 99       |
| 78) Pyrene                    | 19.874 | 202  | 5136240  | 49.786 | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.727 | 149  | 1431204  | 50.816 | ng    | 97       |
| 81) Benzo(a)anthracene        | 21.592 | 228  | 4832344  | 45.369 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.516 | 252  | 1226033  | 36.409 | ng    | 99       |
| 83) Chrysene                  | 21.651 | 228  | 4495800  | 44.303 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.492 | 149  | 2241618  | 46.745 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.474 | 149  | 3704739  | 42.307 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 26.903 | 276  | 4210370  | 41.496 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 23.392 | 252  | 4337991  | 54.100 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.445 | 252  | 4311058  | 53.677 | ng    | 100      |
| 90) Benzo(a)pyrene            | 24.068 | 252  | 3667779  | 46.081 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 26.921 | 278  | 3567081  | 42.354 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 27.739 | 276  | 3419326  | 40.878 | ng    | 99       |

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

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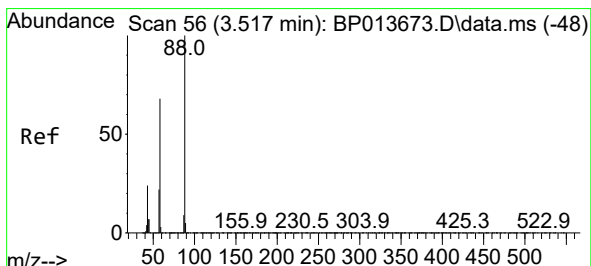
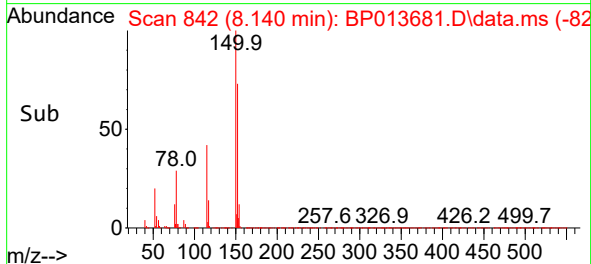
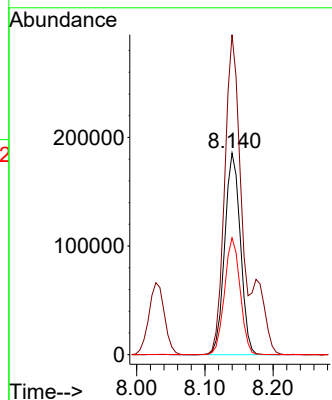
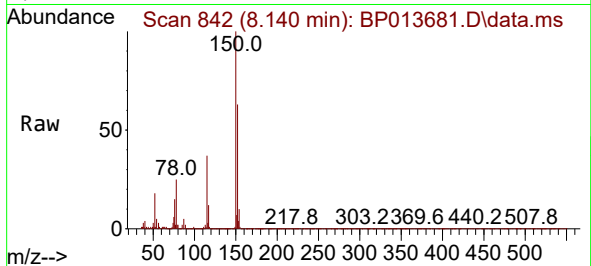




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.140 min Scan# 842  
Delta R.T. -0.000 min  
Lab File: BP013681.D  
Acq: 31 Jan 2023 19:21

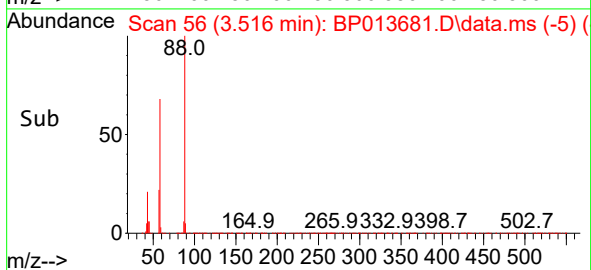
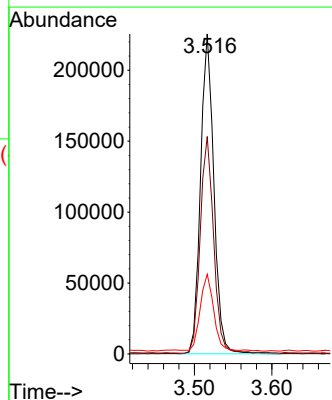
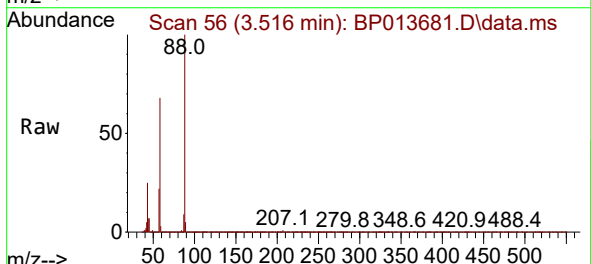
Instrument :  
BNA\_P  
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PB150507BS

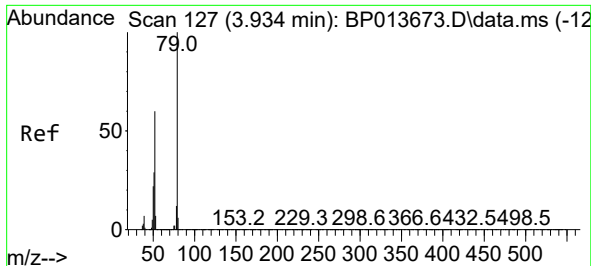
Tgt Ion:152 Resp: 296873  
Ion Ratio Lower Upper  
152 100  
150 158.8 123.6 185.4  
115 58.0 45.4 68.0



#2  
1,4-Dioxane  
Concen: 36.507 ng  
RT: 3.516 min Scan# 56  
Delta R.T. -0.000 min  
Lab File: BP013681.D  
Acq: 31 Jan 2023 19:21

Tgt Ion: 88 Resp: 268223  
Ion Ratio Lower Upper  
88 100  
58 68.1 53.8 80.8  
43 23.6 19.8 29.6

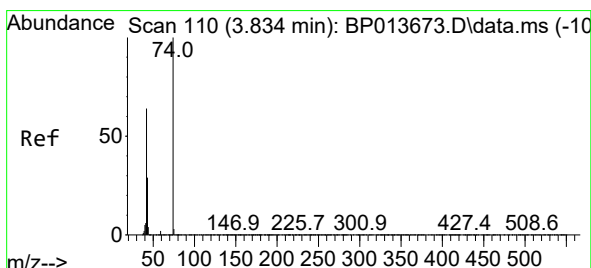
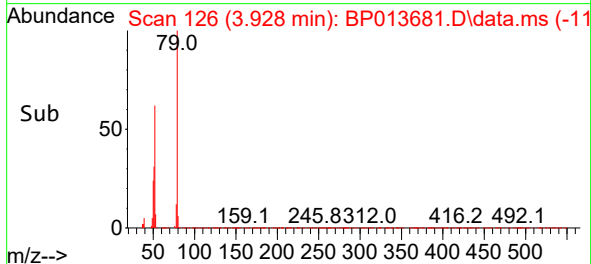
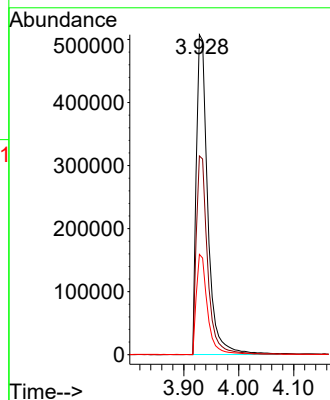
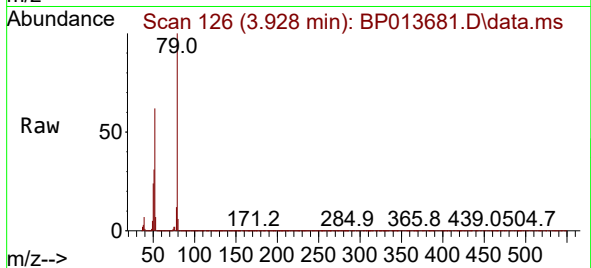




#3  
Pyridine  
Concen: 34.627 ng  
RT: 3.928 min Scan# 110  
Delta R.T. -0.006 min  
Lab File: BP013681.D  
Acq: 31 Jan 2023 19:21

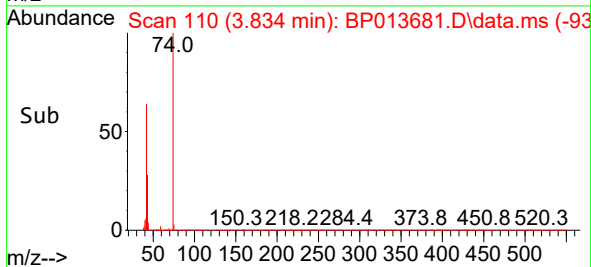
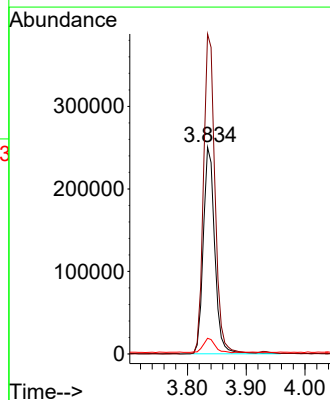
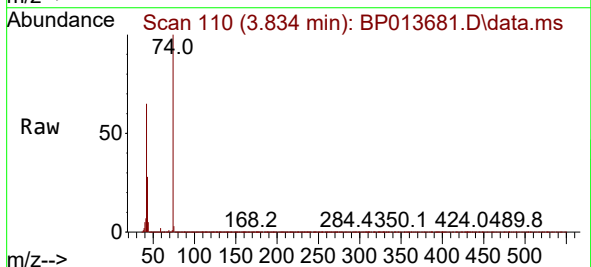
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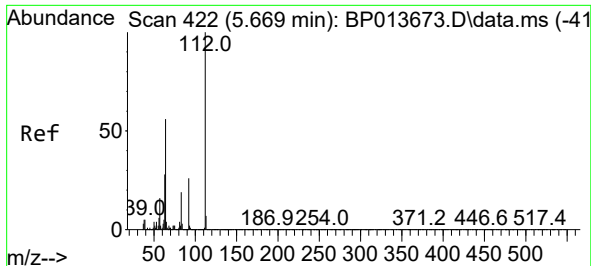
Tgt Ion: 79 Resp: 732505  
Ion Ratio Lower Upper  
79 100  
52 62.1 48.2 72.2  
51 31.4 23.6 35.4



#4  
n-Nitrosodimethylamine  
Concen: 44.455 ng  
RT: 3.834 min Scan# 110  
Delta R.T. -0.000 min  
Lab File: BP013681.D  
Acq: 31 Jan 2023 19:21

Tgt Ion: 42 Resp: 337195  
Ion Ratio Lower Upper  
42 100  
74 154.8 124.6 187.0  
44 7.6 6.3 9.5

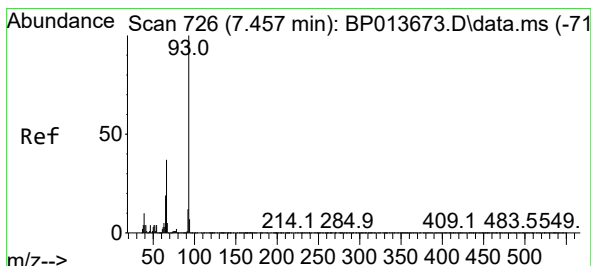
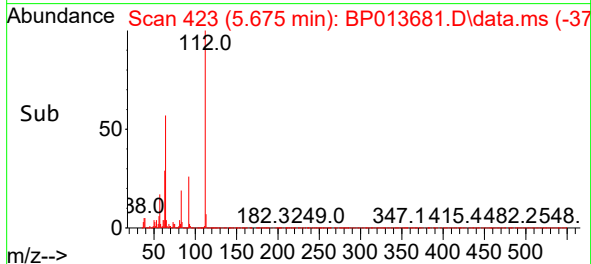
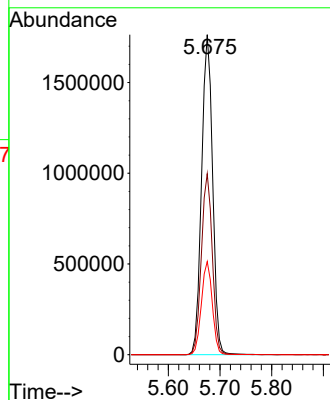
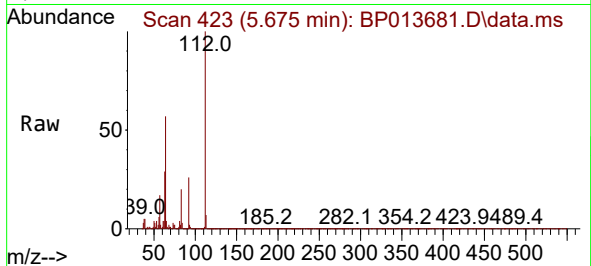




#5  
2-Fluorophenol  
Concen: 150.359 ng  
RT: 5.675 min Scan# 422  
Delta R.T. 0.006 min  
Lab File: BP013681.D  
Acq: 31 Jan 2023 19:21

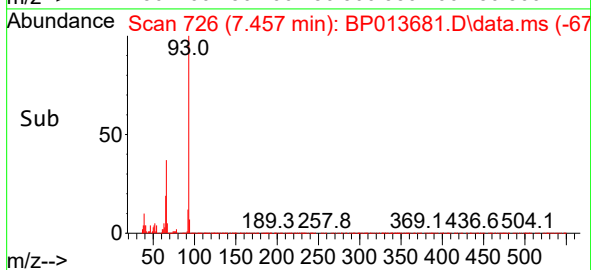
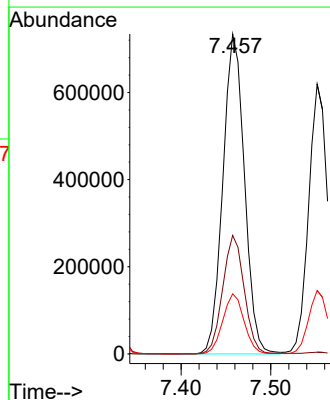
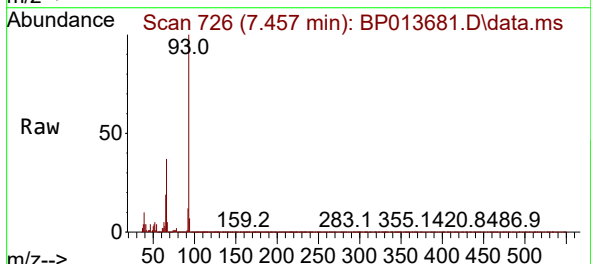
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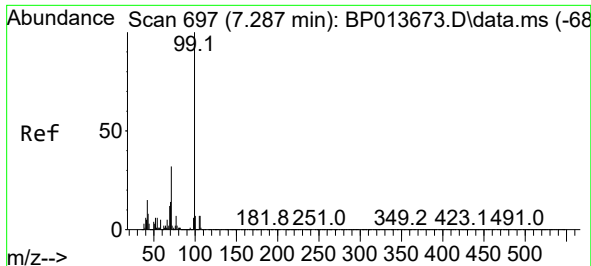
Tgt Ion:112 Resp: 2611220  
Ion Ratio Lower Upper  
112 100  
64 56.6 44.6 67.0  
63 29.1 22.6 34.0



#6  
Aniline  
Concen: 40.572 ng  
RT: 7.457 min Scan# 726  
Delta R.T. -0.000 min  
Lab File: BP013681.D  
Acq: 31 Jan 2023 19:21

Tgt Ion: 93 Resp: 1223728  
Ion Ratio Lower Upper  
93 100  
66 37.1 29.3 43.9  
65 18.8 15.1 22.7

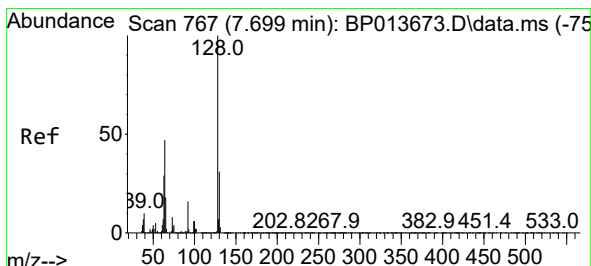
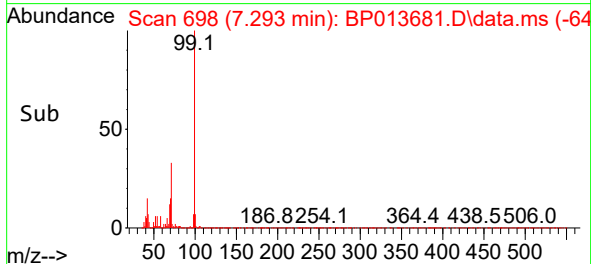
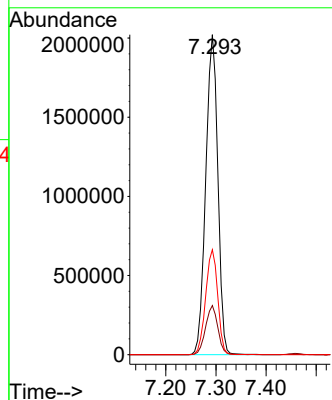
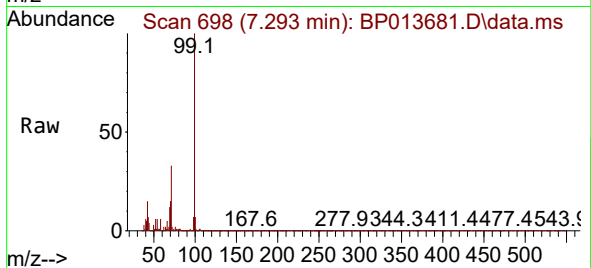




#7  
Phenol-d6  
Concen: 146.264 ng  
RT: 7.293 min Scan# 698  
Delta R.T. 0.006 min  
Lab File: BP013681.D  
Acq: 31 Jan 2023 19:21

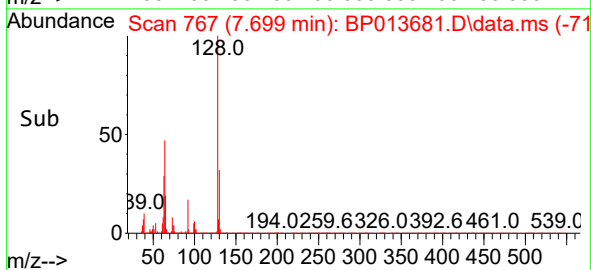
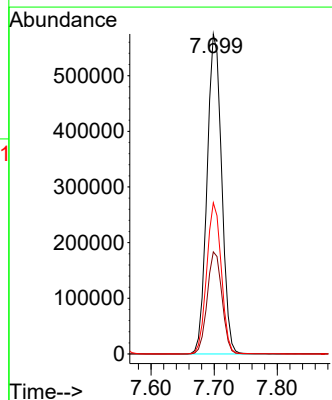
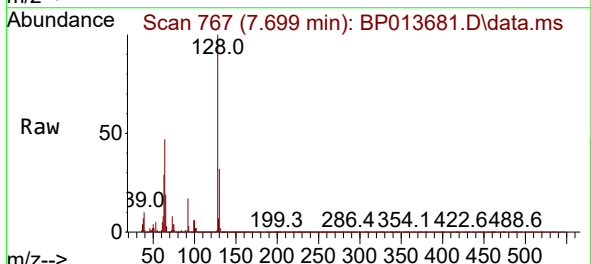
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ClientSampleId :  
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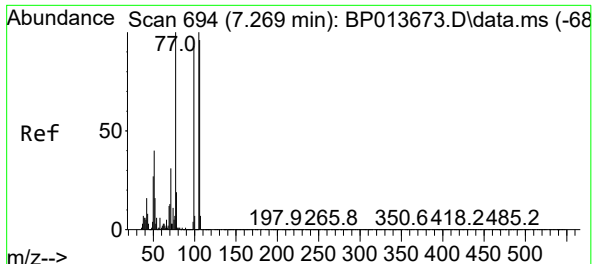
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Ion Ratio Lower Upper  
99 100  
42 15.4 11.8 17.6  
71 32.8 25.6 38.4



#8  
2-Chlorophenol  
Concen: 50.618 ng  
RT: 7.699 min Scan# 767  
Delta R.T. -0.000 min  
Lab File: BP013681.D  
Acq: 31 Jan 2023 19:21

Tgt Ion: 128 Resp: 925461  
Ion Ratio Lower Upper  
128 100  
130 31.9 10.8 50.8  
64 47.3 26.9 66.9

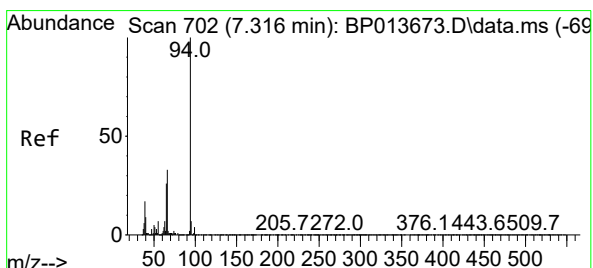
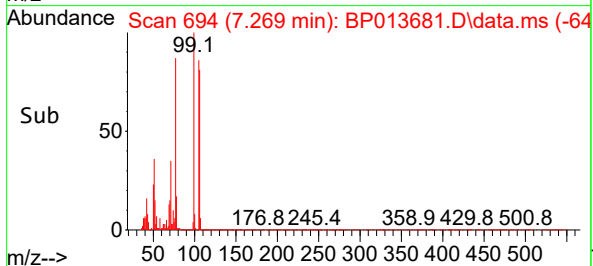
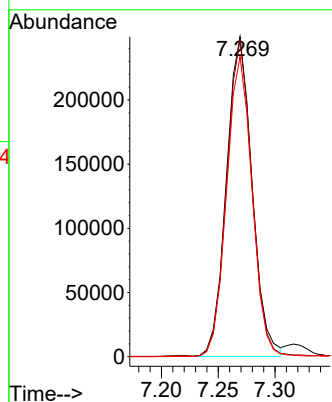
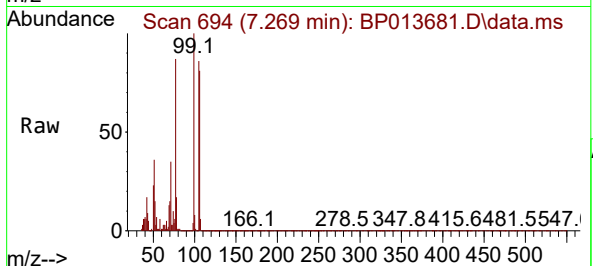




#9  
Benzaldehyde  
Concen: 28.976 ng  
RT: 7.269 min Scan# 694  
Delta R.T. 0.000 min  
Lab File: BP013681.D  
Acq: 31 Jan 2023 19:21

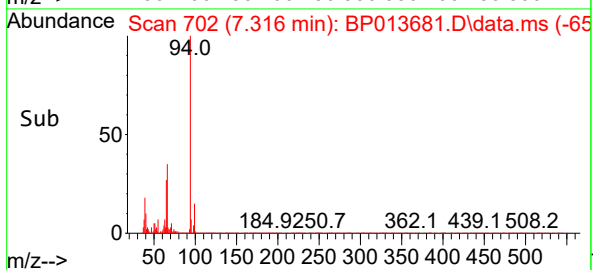
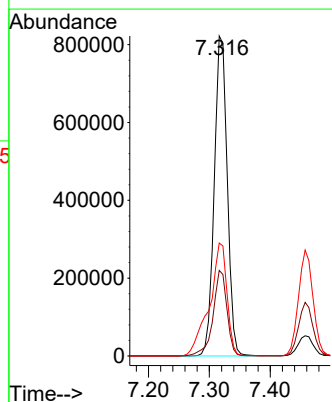
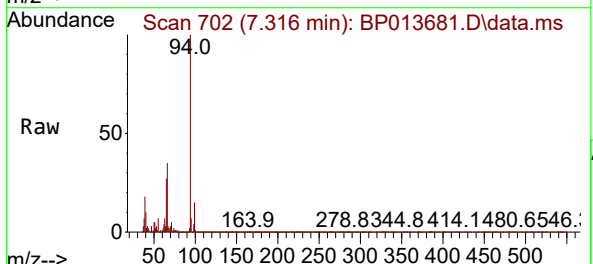
Instrument :  
BNA\_P  
ClientSampleId :  
PB150507BS

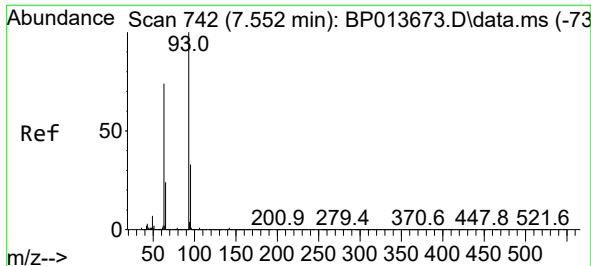
Tgt Ion: 77 Resp: 391227  
Ion Ratio Lower Upper  
77 100  
105 99.0 80.4 120.4  
106 93.7 76.7 116.7



#10  
Phenol  
Concen: 50.496 ng  
RT: 7.316 min Scan# 702  
Delta R.T. -0.000 min  
Lab File: BP013681.D  
Acq: 31 Jan 2023 19:21

Tgt Ion: 94 Resp: 1220489  
Ion Ratio Lower Upper  
94 100  
65 26.7 6.0 46.0  
66 35.3 13.1 53.1

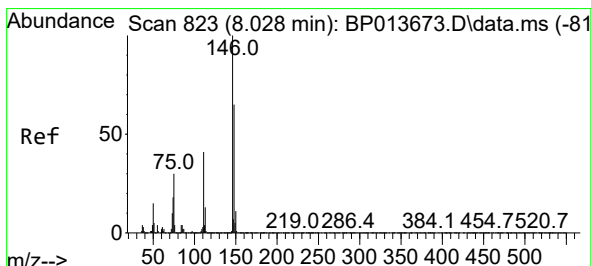
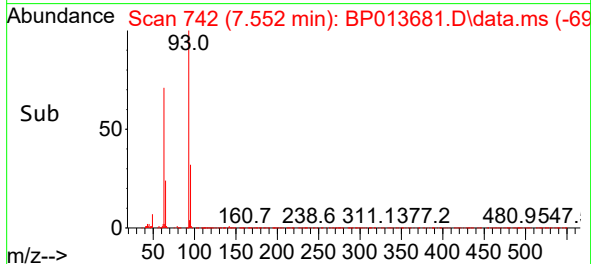
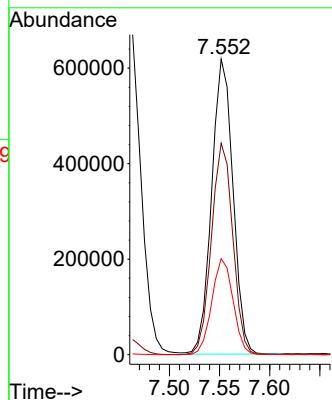
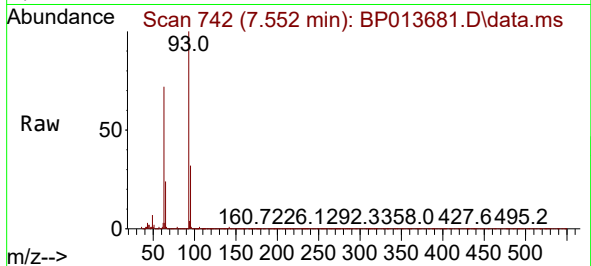




#11  
bis(2-Chloroethyl)ether  
Concen: 47.322 ng  
RT: 7.552 min Scan# 742  
Delta R.T. -0.000 min  
Lab File: BP013681.D  
Acq: 31 Jan 2023 19:21

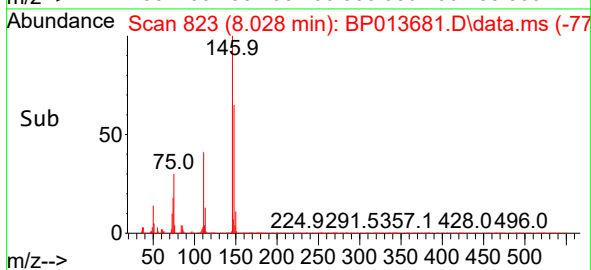
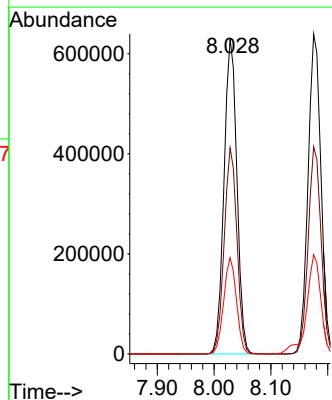
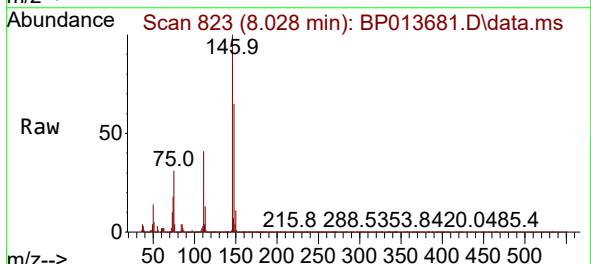
Instrument :  
BNA\_P  
ClientSampleId :  
PB150507BS

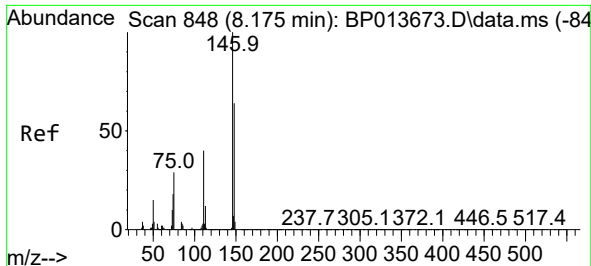
Tgt Ion: 93 Resp: 913661  
Ion Ratio Lower Upper  
93 100  
63 71.5 53.7 93.7  
95 32.5 12.4 52.4



#12  
1,3-Dichlorobenzene  
Concen: 48.335 ng  
RT: 8.028 min Scan# 823  
Delta R.T. -0.000 min  
Lab File: BP013681.D  
Acq: 31 Jan 2023 19:21

Tgt Ion: 146 Resp: 995478  
Ion Ratio Lower Upper  
146 100  
148 65.4 51.9 77.9  
75 30.5 24.0 36.0

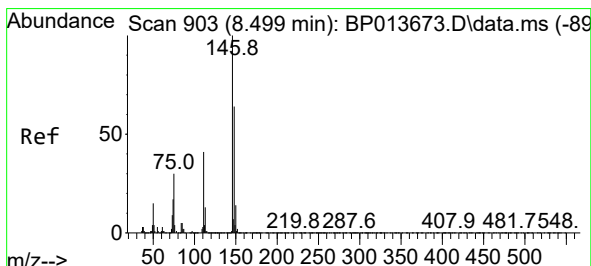
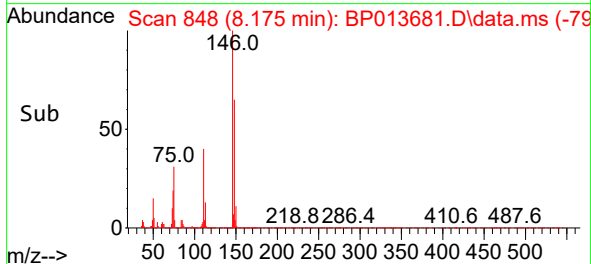
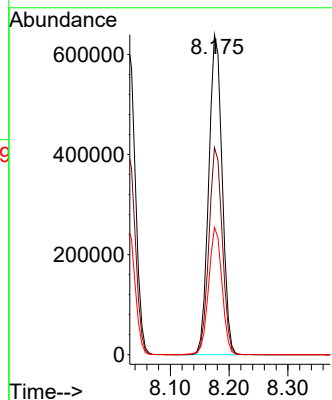
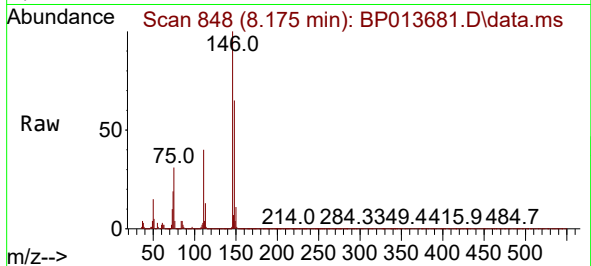




#13  
1,4-Dichlorobenzene  
Concen: 48.711 ng  
RT: 8.175 min Scan# 84  
Delta R.T. -0.000 min  
Lab File: BP013681.D  
Acq: 31 Jan 2023 19:21

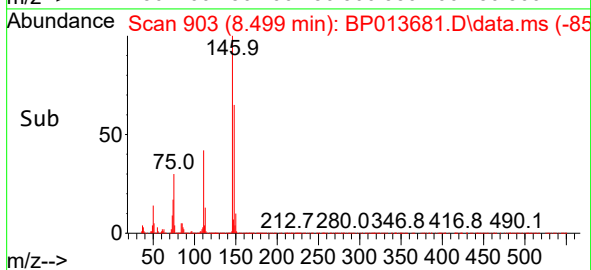
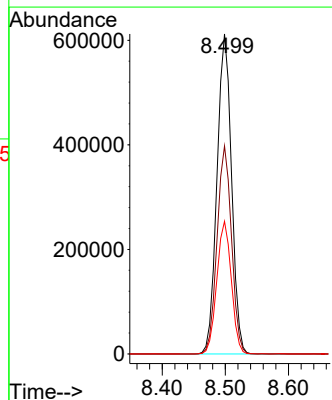
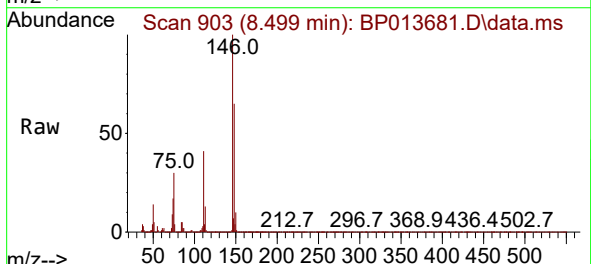
Instrument :  
BNA\_P  
ClientSampleId :  
PB150507BS

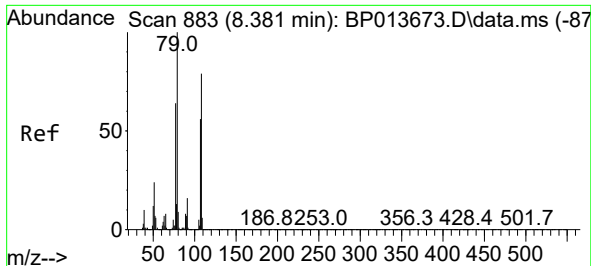
Tgt Ion:146 Resp: 1015068  
Ion Ratio Lower Upper  
146 100  
148 64.7 51.5 77.3  
111 39.8 32.0 48.0



#14  
1,2-Dichlorobenzene  
Concen: 49.026 ng  
RT: 8.499 min Scan# 903  
Delta R.T. -0.000 min  
Lab File: BP013681.D  
Acq: 31 Jan 2023 19:21

Tgt Ion:146 Resp: 977595  
Ion Ratio Lower Upper  
146 100  
148 65.0 51.3 76.9  
111 41.5 32.8 49.2

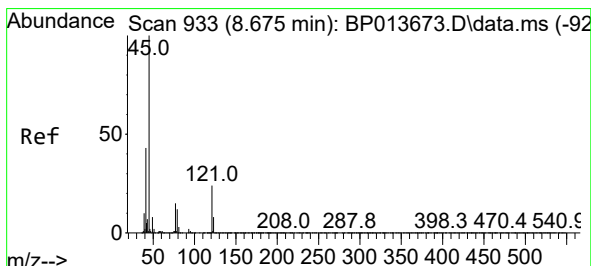
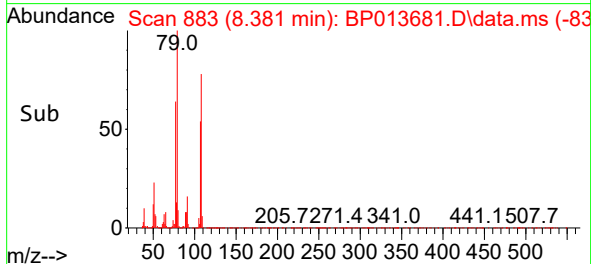
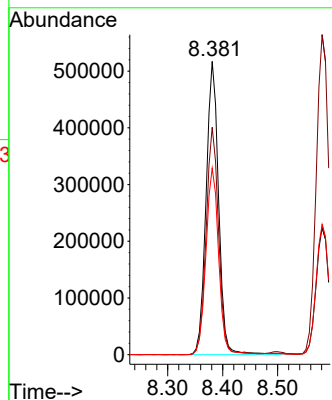
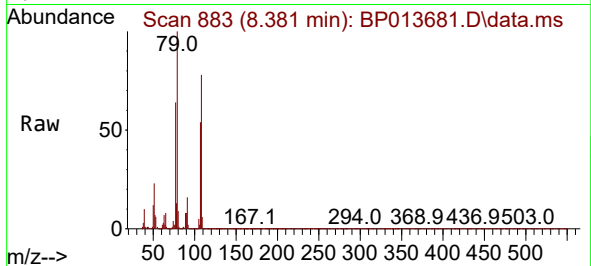




#15  
Benzyl Alcohol  
Concen: 49.816 ng  
RT: 8.381 min Scan# 883  
Delta R.T. -0.000 min  
Lab File: BP013681.D  
Acq: 31 Jan 2023 19:21

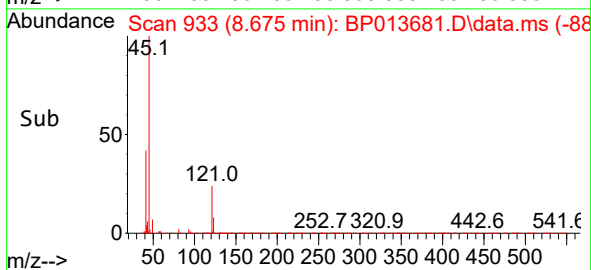
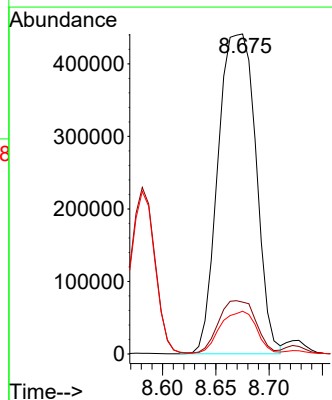
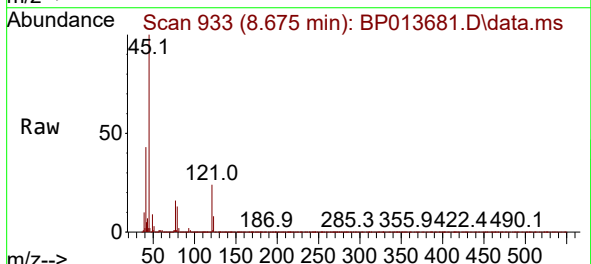
Instrument :  
BNA\_P  
ClientSampleId :  
PB150507BS

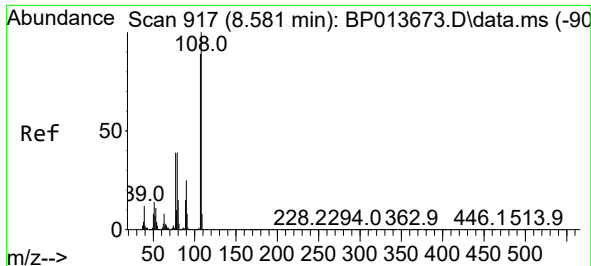
Tgt Ion: 79 Resp: 816141  
Ion Ratio Lower Upper  
79 100  
108 77.5 62.9 94.3  
77 63.6 51.1 76.7



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 48.286 ng  
RT: 8.675 min Scan# 933  
Delta R.T. -0.000 min  
Lab File: BP013681.D  
Acq: 31 Jan 2023 19:21

Tgt Ion: 45 Resp: 1088815  
Ion Ratio Lower Upper  
45 100  
77 16.2 0.0 36.4  
79 13.3 0.0 33.4

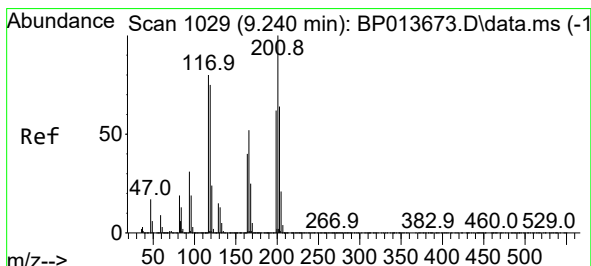
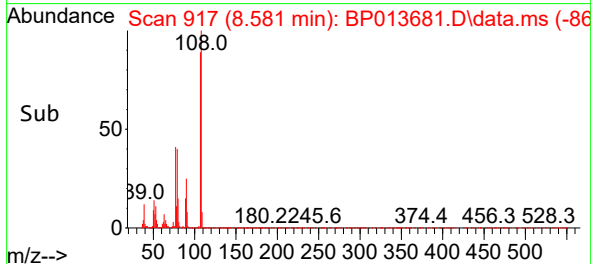
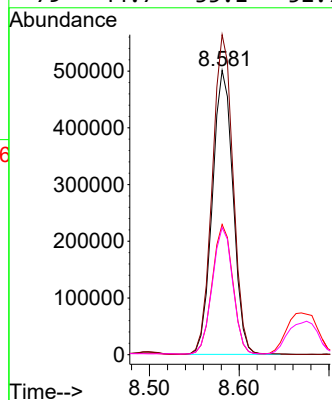
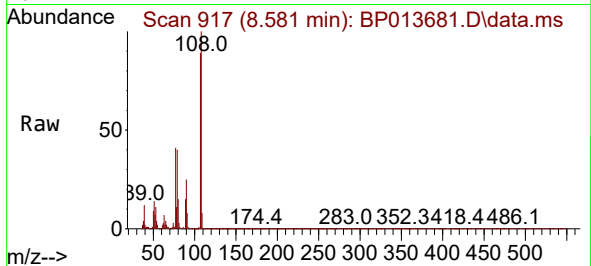




#17  
2-Methylphenol  
Concen: 47.369 ng  
RT: 8.581 min Scan# 917  
Delta R.T. -0.000 min  
Lab File: BP013681.D  
Acq: 31 Jan 2023 19:21

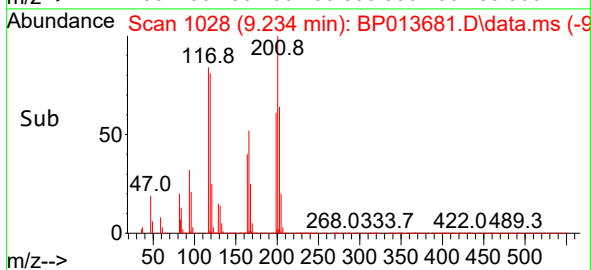
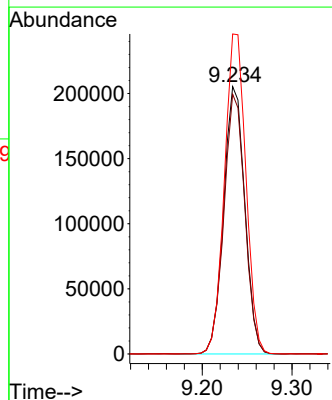
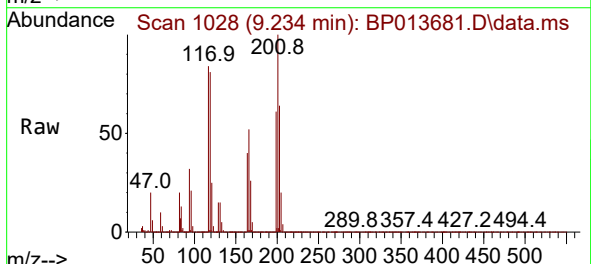
Instrument :  
BNA\_P  
ClientSampleId :  
PB150507BS

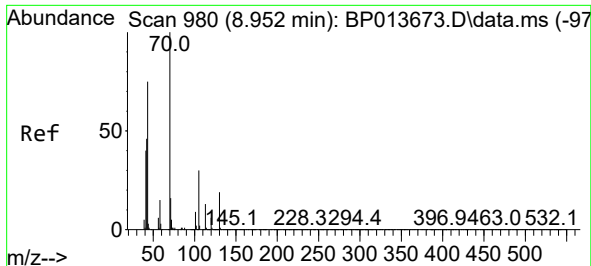
Tgt Ion:107 Resp: 802297  
Ion Ratio Lower Upper  
107 100  
108 112.6 90.0 135.0  
77 45.8 35.7 53.5  
79 44.7 35.1 52.7



#18  
Hexachloroethane  
Concen: 48.981 ng  
RT: 9.234 min Scan# 1028  
Delta R.T. -0.006 min  
Lab File: BP013681.D  
Acq: 31 Jan 2023 19:21

Tgt Ion:117 Resp: 336566  
Ion Ratio Lower Upper  
117 100  
119 97.1 75.0 112.4  
201 119.7 100.4 150.6

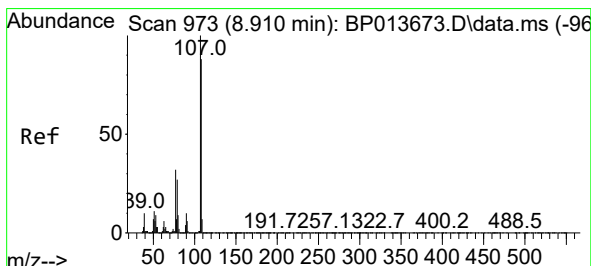
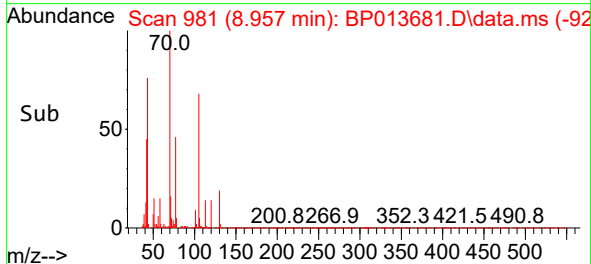
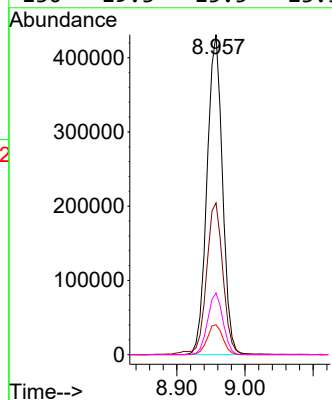
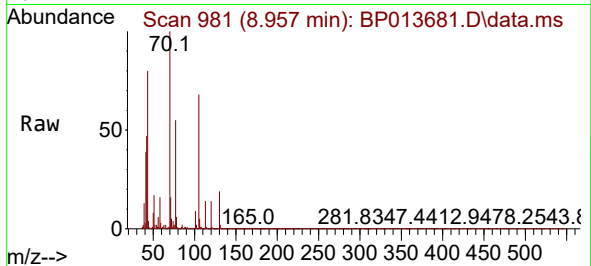




#19  
n-Nitroso-di-n-propylamine  
Concen: 46.785 ng  
RT: 8.957 min Scan# 981  
Delta R.T. 0.005 min  
Lab File: BP013681.D  
Acq: 31 Jan 2023 19:21

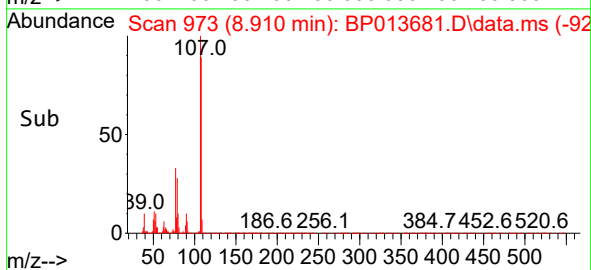
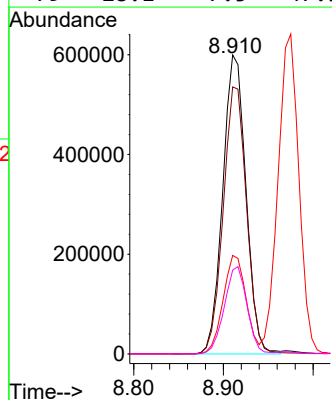
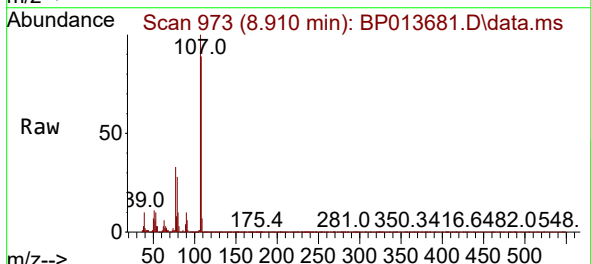
Instrument :  
BNA\_P  
ClientSampleId :  
PB150507BS

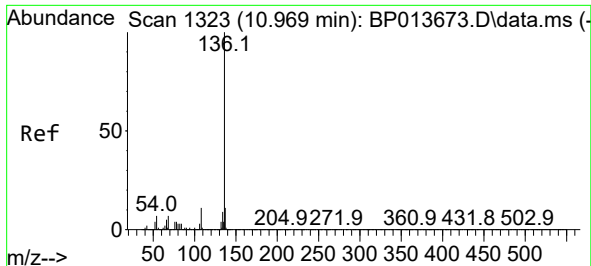
Tgt Ion: 70 Resp: 679138  
Ion Ratio Lower Upper  
70 100  
42 47.4 37.2 55.8  
101 9.4 7.4 11.2  
130 19.3 15.5 23.3



#20  
3+4-Methylphenols  
Concen: 46.545 ng  
RT: 8.910 min Scan# 973  
Delta R.T. 0.000 min  
Lab File: BP013681.D  
Acq: 31 Jan 2023 19:21

Tgt Ion: 107 Resp: 1075448  
Ion Ratio Lower Upper  
107 100  
108 89.3 67.7 107.7  
77 32.9 12.0 52.0  
79 28.1 7.5 47.5

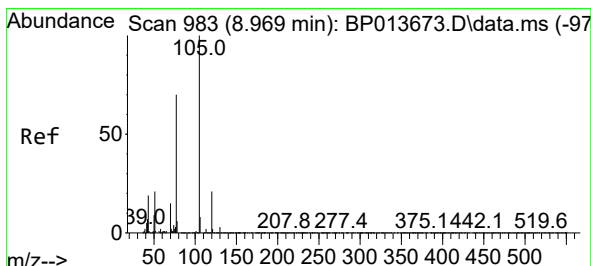
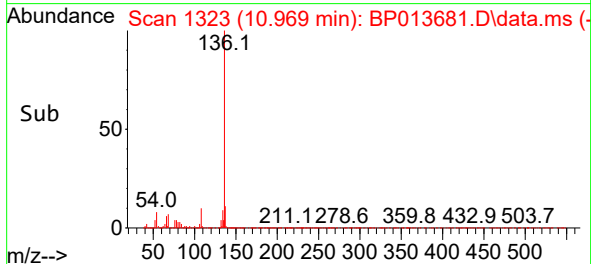
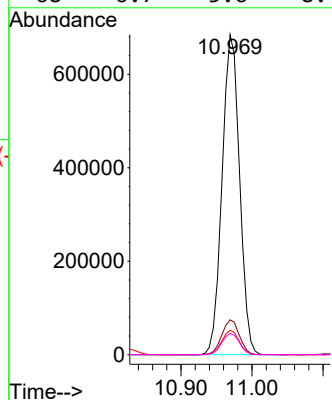
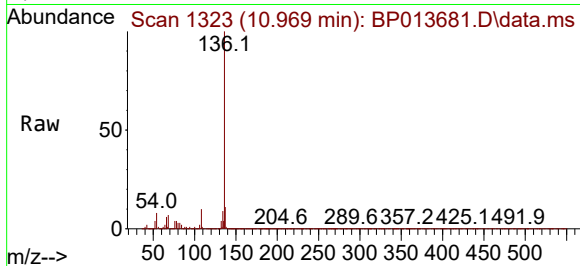




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.969 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BP013681.D  
Acq: 31 Jan 2023 19:21

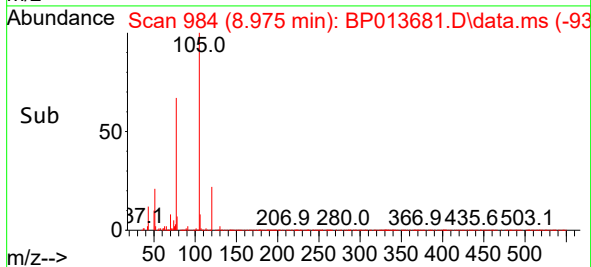
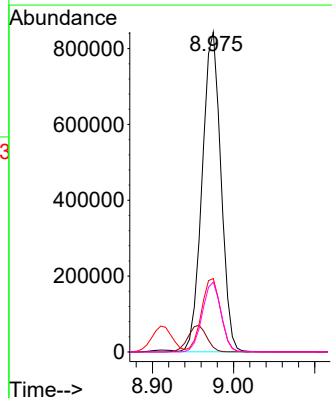
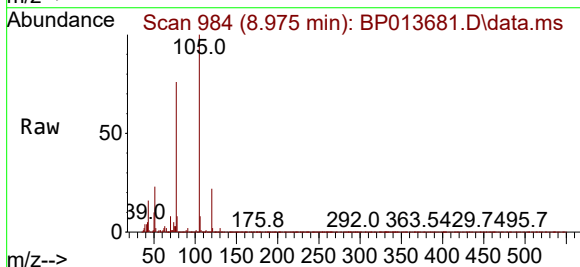
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ClientSampleId :  
PB150507BS

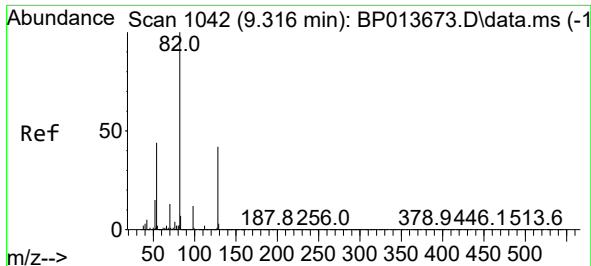
Tgt Ion:136 Resp: 1165419  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.9 13.3  
54 7.6 6.0 9.0  
68 6.7 5.6 8.4



#22  
Acetophenone  
Concen: 44.415 ng  
RT: 8.975 min Scan# 984  
Delta R.T. 0.006 min  
Lab File: BP013681.D  
Acq: 31 Jan 2023 19:21

Tgt Ion:105 Resp: 1349812  
Ion Ratio Lower Upper  
105 100  
71 1.4 2.2 3.2#  
51 22.9 18.6 27.8  
120 21.8 17.0 25.6

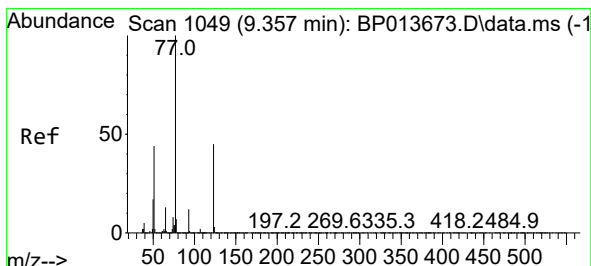
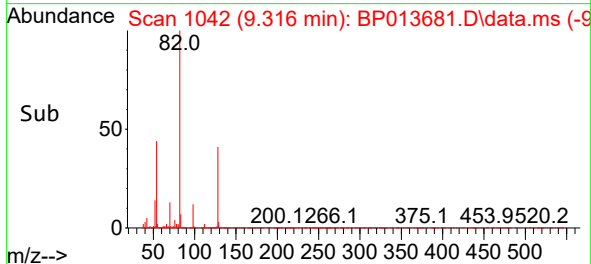
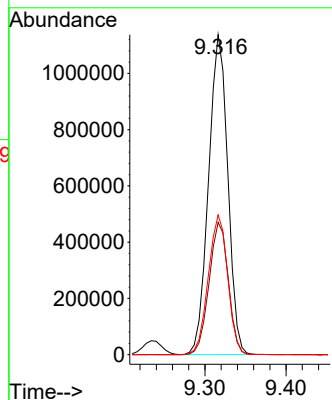
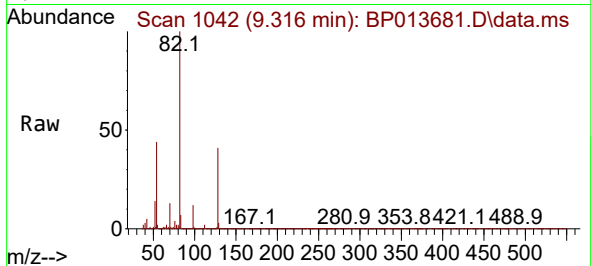




#23  
Nitrobenzene-d5  
Concen: 93.254 ng  
RT: 9.316 min Scan# 1042  
Delta R.T. -0.000 min  
Lab File: BP013681.D  
Acq: 31 Jan 2023 19:21

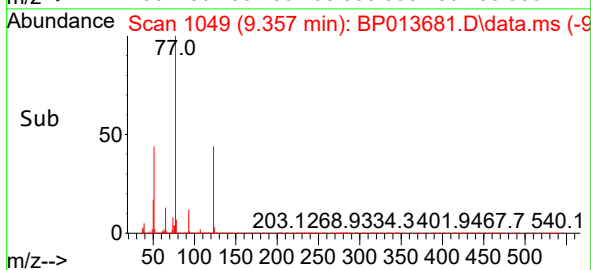
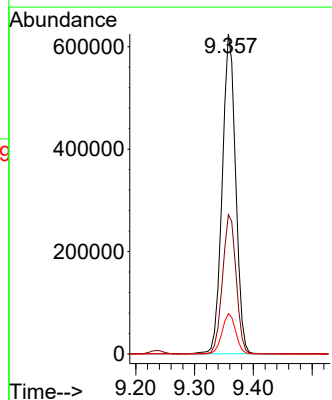
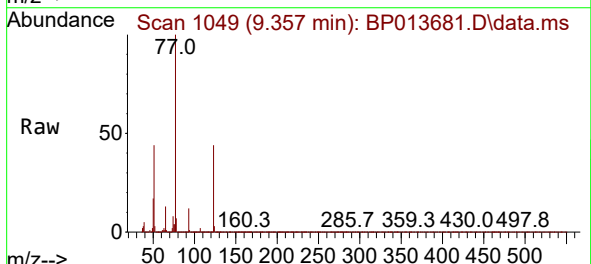
Instrument :  
BNA\_P  
ClientSampleId :  
PB150507BS

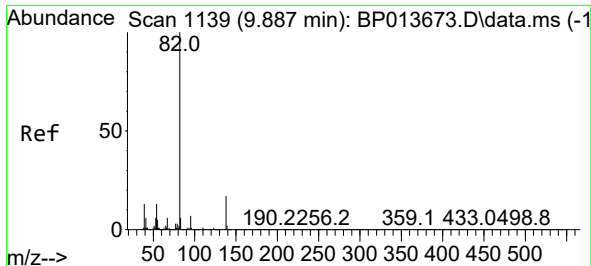
Tgt Ion: 82 Resp: 1868333  
Ion Ratio Lower Upper  
82 100  
128 41.4 33.4 50.0  
54 43.7 35.4 53.0



#24  
Nitrobenzene  
Concen: 45.595 ng  
RT: 9.357 min Scan# 1049  
Delta R.T. -0.000 min  
Lab File: BP013681.D  
Acq: 31 Jan 2023 19:21

Tgt Ion: 77 Resp: 990829  
Ion Ratio Lower Upper  
77 100  
123 43.6 35.9 53.9  
65 12.6 10.2 15.4

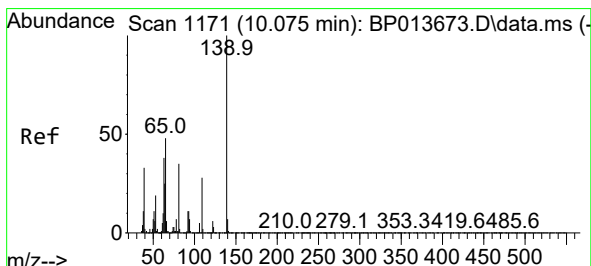
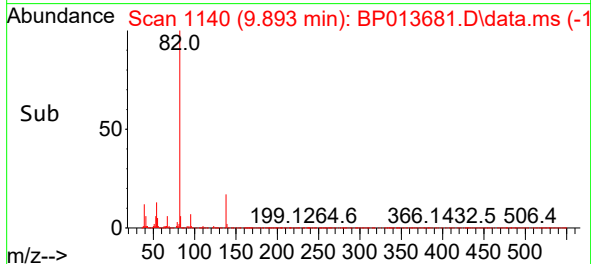
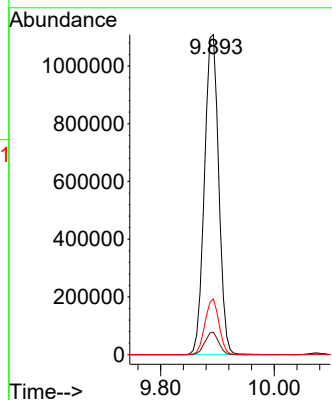
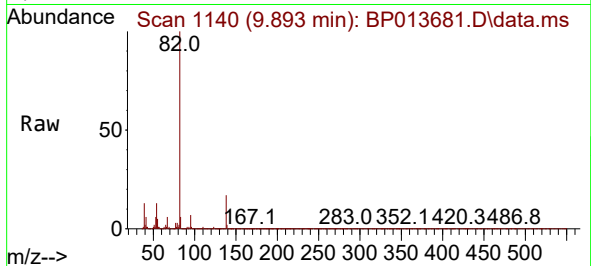




#25  
Isophorone  
Concen: 43.454 ng  
RT: 9.893 min Scan# 1139  
Delta R.T. 0.006 min  
Lab File: BP013681.D  
Acq: 31 Jan 2023 19:21

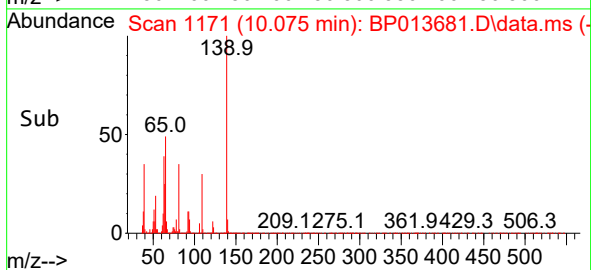
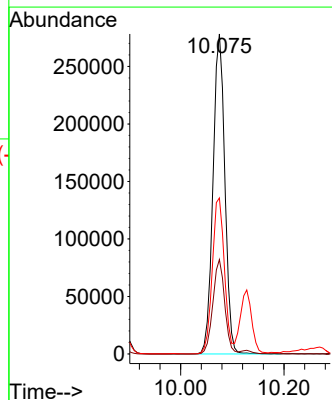
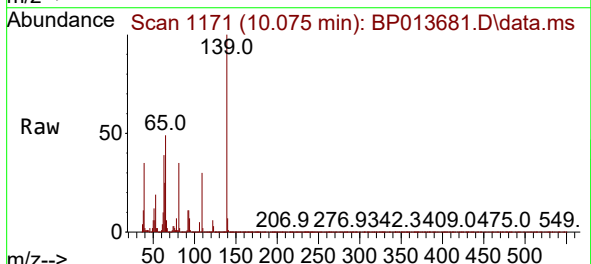
Instrument :  
BNA\_P  
ClientSampleId :  
PB150507BS

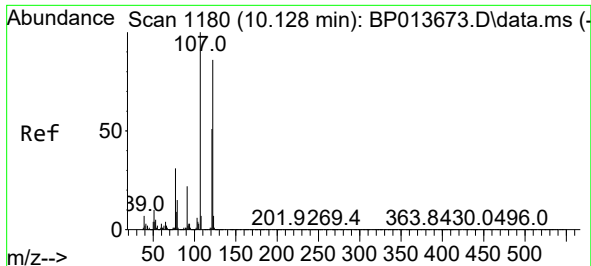
Tgt Ion: 82 Resp: 1929587  
Ion Ratio Lower Upper  
82 100  
95 7.1 5.4 8.2  
138 17.5 13.9 20.9



#26  
2-Nitrophenol  
Concen: 44.269 ng  
RT: 10.075 min Scan# 1171  
Delta R.T. -0.000 min  
Lab File: BP013681.D  
Acq: 31 Jan 2023 19:21

Tgt Ion:139 Resp: 443229  
Ion Ratio Lower Upper  
139 100  
109 29.5 22.7 34.1  
65 48.7 38.8 58.2

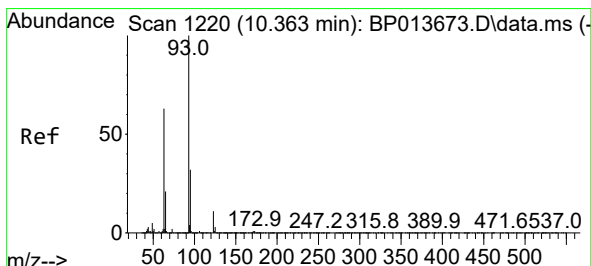
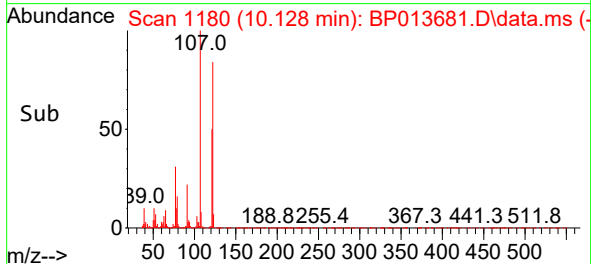
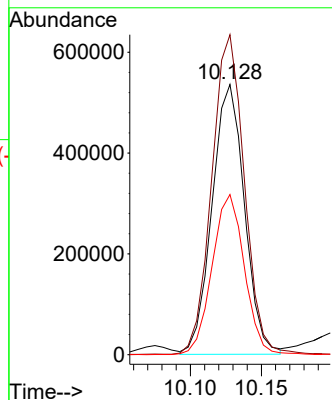
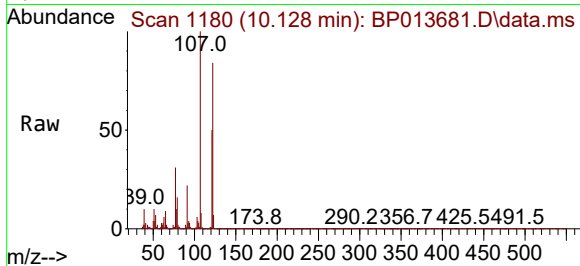




#27  
2,4-Dimethylphenol  
Concen: 47.454 ng  
RT: 10.128 min Scan# 1180  
Delta R.T. -0.000 min  
Lab File: BP013681.D  
Acq: 31 Jan 2023 19:21

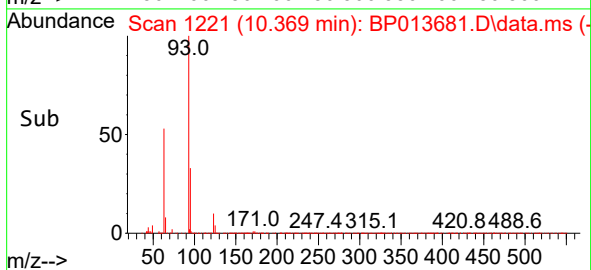
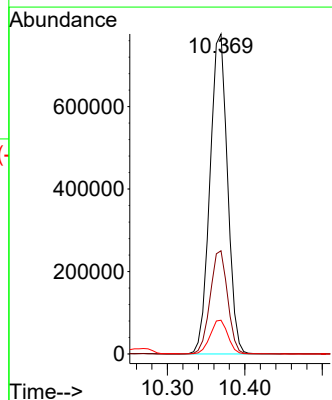
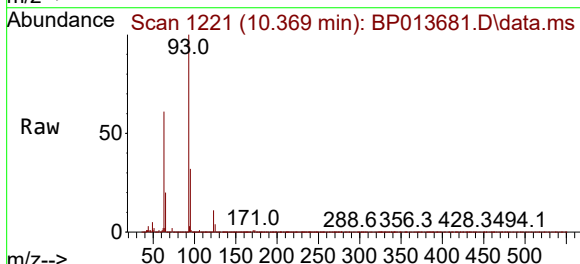
Instrument :  
BNA\_P  
ClientSampleId :  
PB150507BS

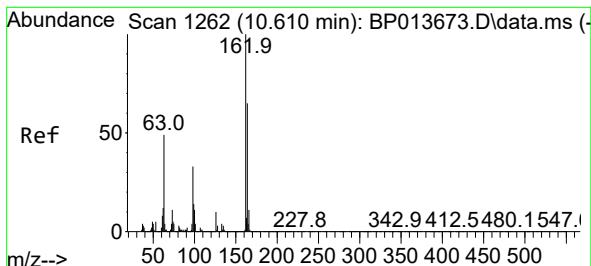
Tgt Ion:122 Resp: 850415  
Ion Ratio Lower Upper  
122 100  
107 118.4 93.0 139.6  
121 59.3 47.0 70.4



#28  
bis(2-Chloroethoxy)methane  
Concen: 45.749 ng  
RT: 10.369 min Scan# 1221  
Delta R.T. 0.006 min  
Lab File: BP013681.D  
Acq: 31 Jan 2023 19:21

Tgt Ion: 93 Resp: 1217609  
Ion Ratio Lower Upper  
93 100  
95 32.3 26.0 39.0  
123 10.6 8.7 13.1

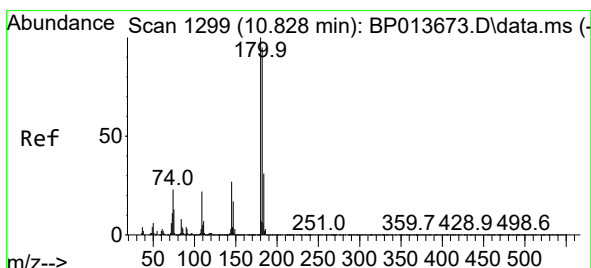
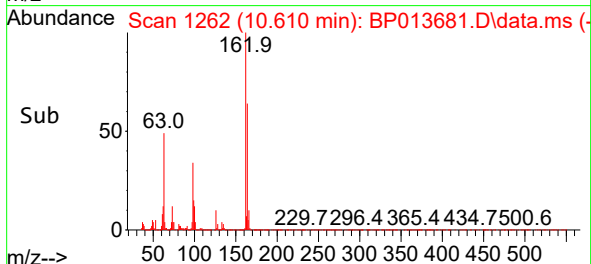
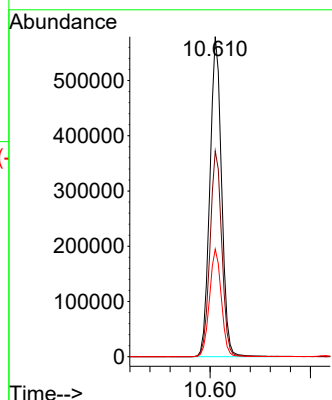
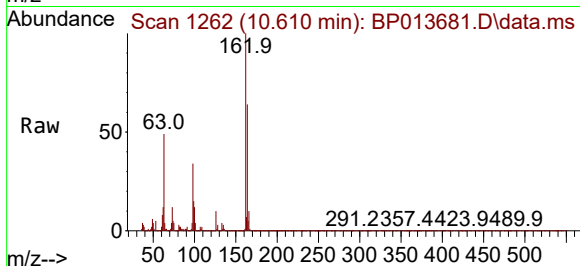




#29  
2,4-Dichlorophenol  
Concen: 48.237 ng  
RT: 10.610 min Scan# 1262  
Delta R.T. -0.000 min  
Lab File: BP013681.D  
Acq: 31 Jan 2023 19:21

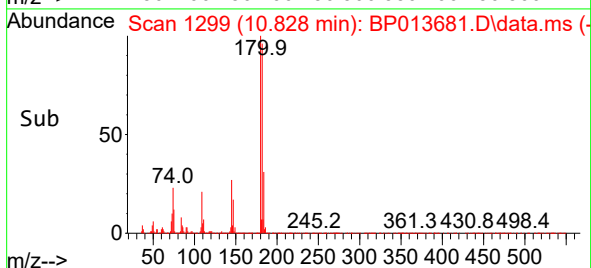
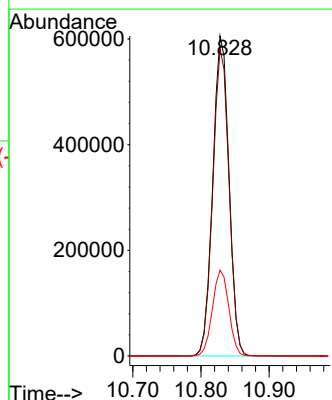
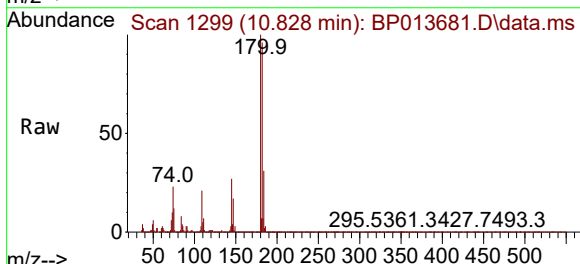
Instrument :  
BNA\_P  
ClientSampleId :  
PB150507BS

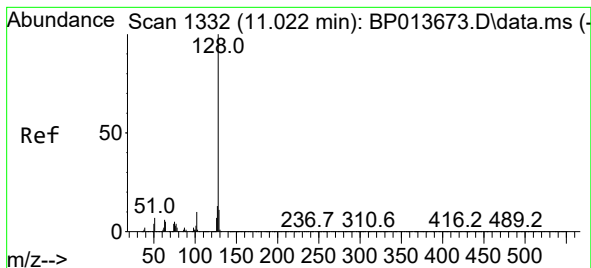
Tgt Ion:162 Resp: 940886  
Ion Ratio Lower Upper  
162 100  
164 64.3 44.8 84.8  
98 33.6 13.4 53.4



#30  
1,2,4-Trichlorobenzene  
Concen: 46.384 ng  
RT: 10.828 min Scan# 1299  
Delta R.T. -0.000 min  
Lab File: BP013681.D  
Acq: 31 Jan 2023 19:21

Tgt Ion:180 Resp: 1003888  
Ion Ratio Lower Upper  
180 100  
182 95.9 76.4 114.6  
145 26.8 21.9 32.9

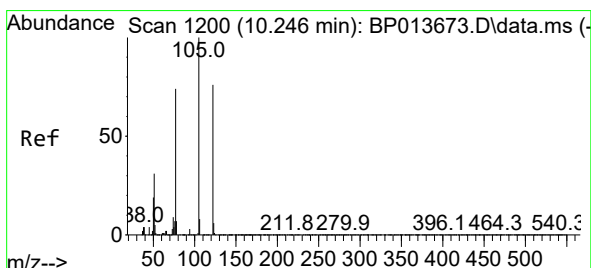
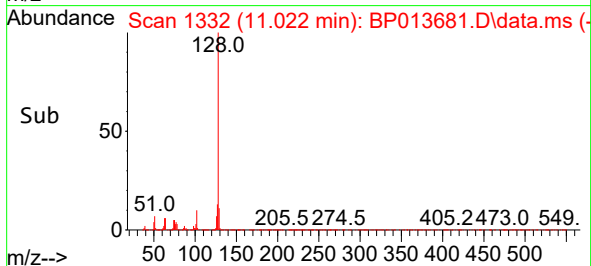
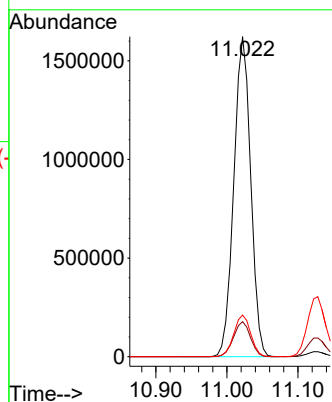
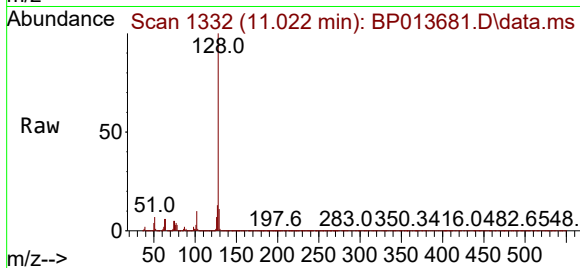




#31  
Naphthalene  
Concen: 43.843 ng  
RT: 11.022 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BP013681.D  
Acq: 31 Jan 2023 19:21

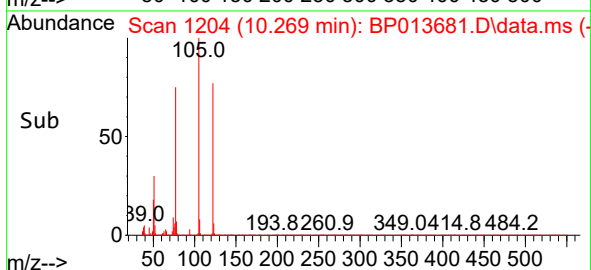
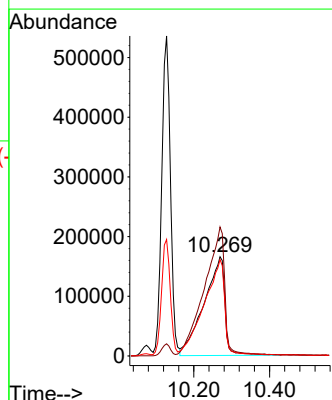
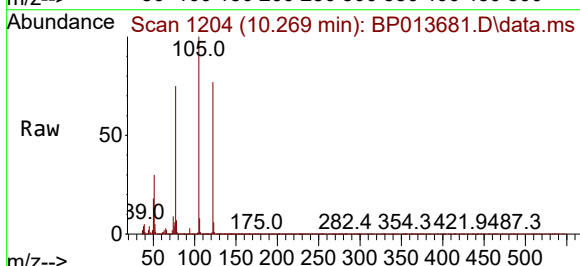
Instrument :  
BNA\_P  
ClientSampleId :  
PB150507BS

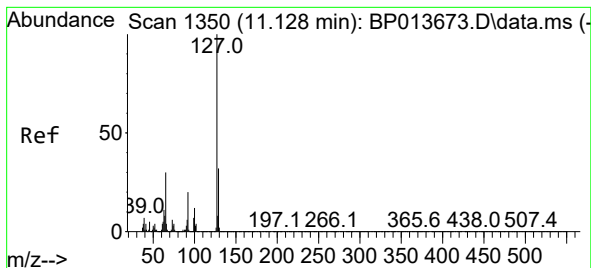
Tgt Ion:128 Resp: 2686639  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.6 12.8  
127 13.0 10.5 15.7



#32  
Benzoic acid  
Concen: 44.461 ng  
RT: 10.269 min Scan# 1204  
Delta R.T. 0.023 min  
Lab File: BP013681.D  
Acq: 31 Jan 2023 19:21

Tgt Ion:122 Resp: 632833  
Ion Ratio Lower Upper  
122 100  
105 129.9 105.5 145.5  
77 97.1 74.7 114.7





#33

4-Chloroaniline

Concen: 20.437 ng

RT: 11.128 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP013681.D

Acq: 31 Jan 2023 19:21

Instrument :

BNA\_P

ClientSampleId :

PB150507BS

Tgt Ion:127 Resp: 550261

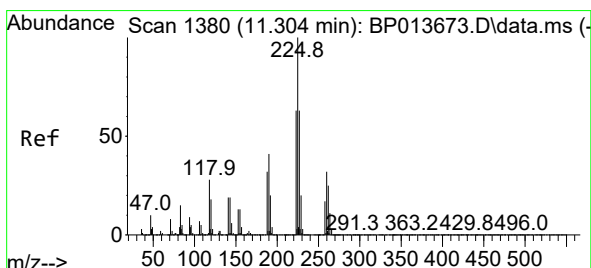
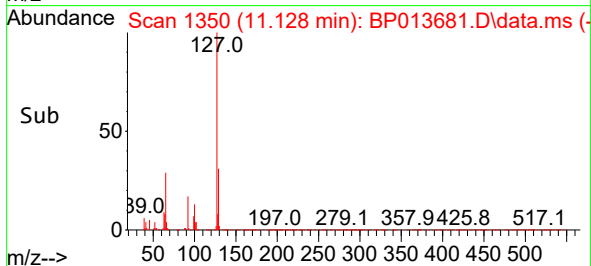
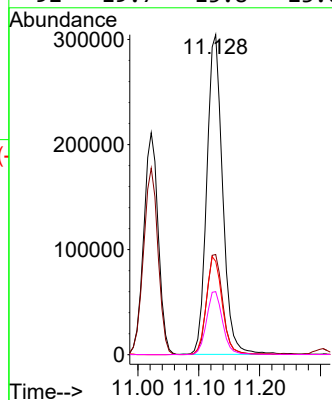
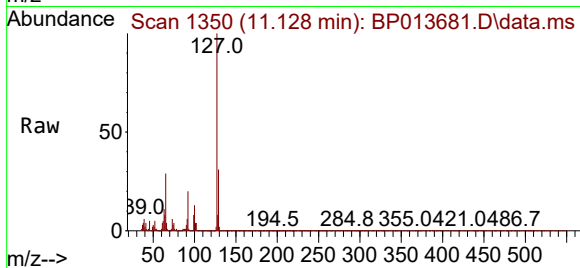
Ion Ratio Lower Upper

127 100

129 31.3 25.3 37.9

65 29.2 23.8 35.8

92 19.7 15.8 23.6



#34

Hexachlorobutadiene

Concen: 45.777 ng

RT: 11.304 min Scan# 1380

Delta R.T. -0.000 min

Lab File: BP013681.D

Acq: 31 Jan 2023 19:21

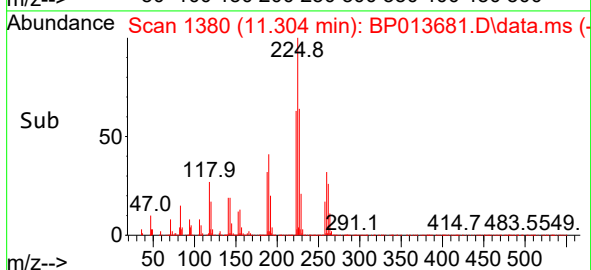
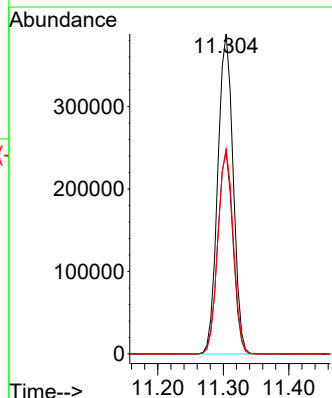
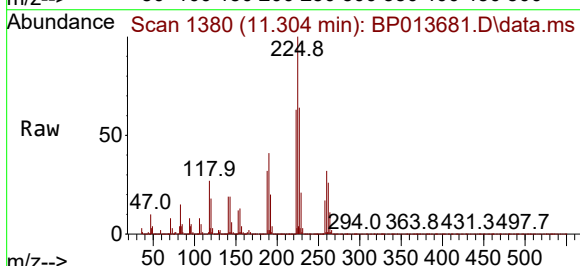
Tgt Ion:225 Resp: 628904

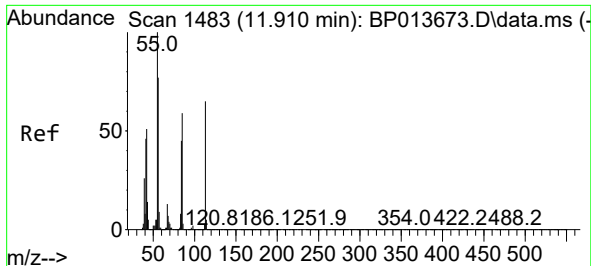
Ion Ratio Lower Upper

225 100

223 63.1 50.5 75.7

227 64.1 50.6 75.8

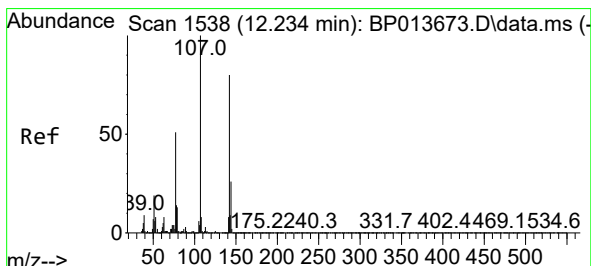
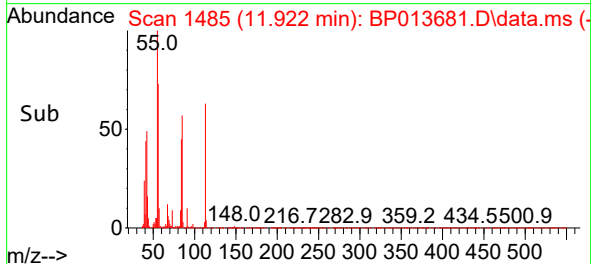
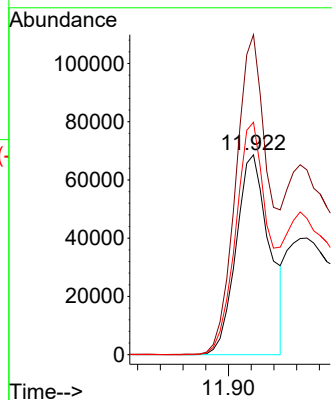
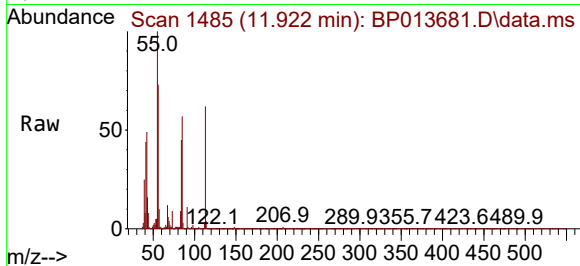




#35  
Caprolactam  
Concen: 21.787 ng  
RT: 11.922 min Scan# 1485  
Delta R.T. 0.012 min  
Lab File: BP013681.D  
Acq: 31 Jan 2023 19:21

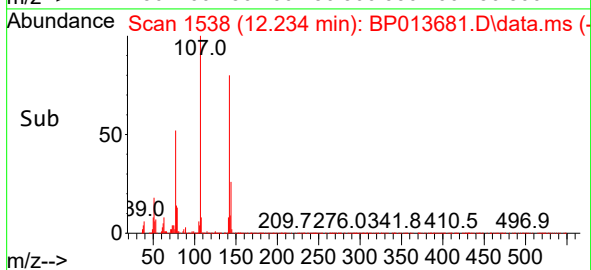
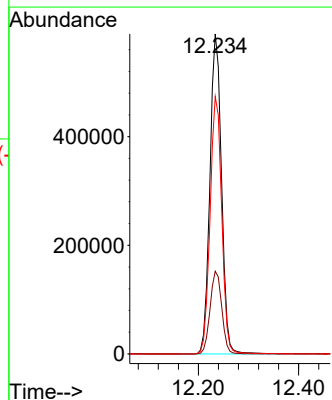
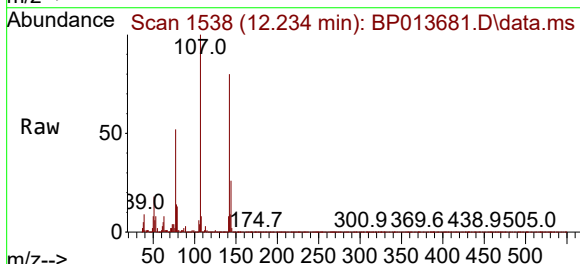
Instrument :  
BNA\_P  
ClientSampleId :  
PB150507BS

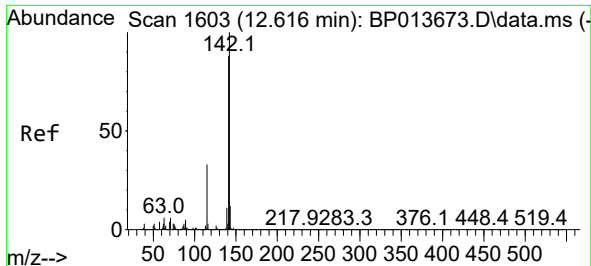
Tgt Ion:113 Resp: 139565  
Ion Ratio Lower Upper  
113 100  
55 160.1 133.0 173.0  
56 116.3 97.4 137.4



#36  
4-Chloro-3-methylphenol  
Concen: 46.194 ng  
RT: 12.234 min Scan# 1538  
Delta R.T. -0.000 min  
Lab File: BP013681.D  
Acq: 31 Jan 2023 19:21

Tgt Ion:107 Resp: 947802  
Ion Ratio Lower Upper  
107 100  
144 25.8 20.8 31.2  
142 80.4 64.0 96.0

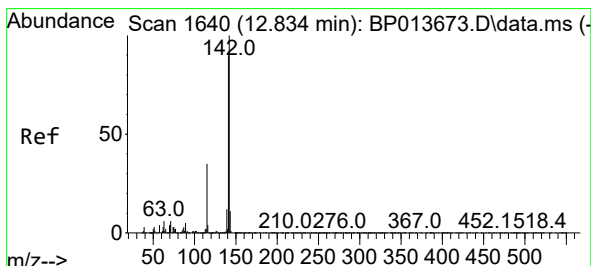
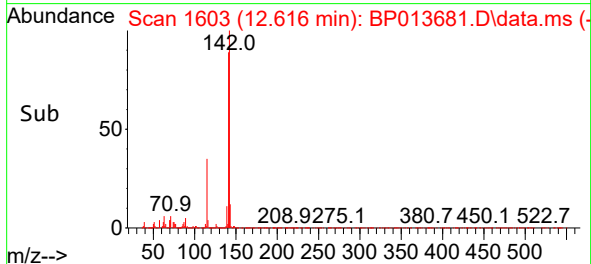
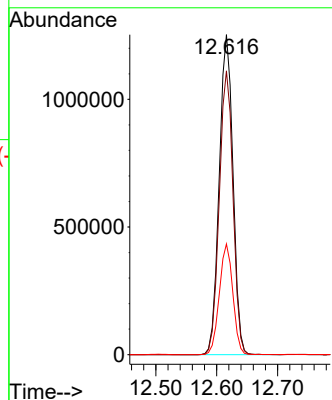
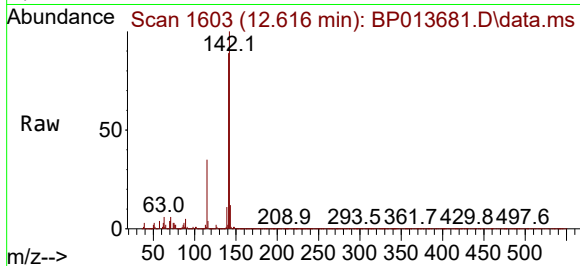




#37  
2-Methylnaphthalene  
Concen: 42.573 ng  
RT: 12.616 min Scan# 1603  
Delta R.T. 0.000 min  
Lab File: BP013681.D  
Acq: 31 Jan 2023 19:21

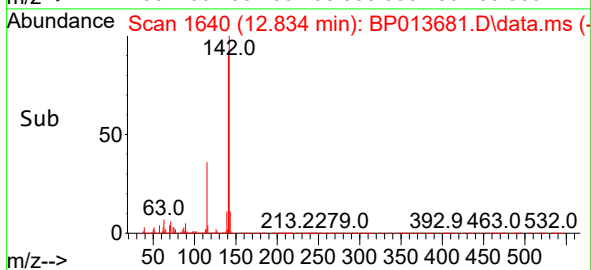
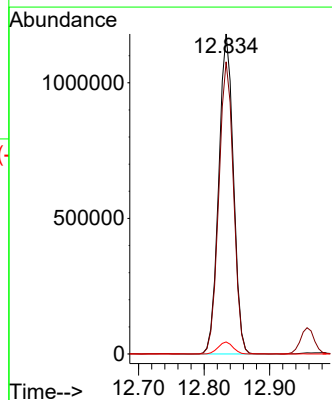
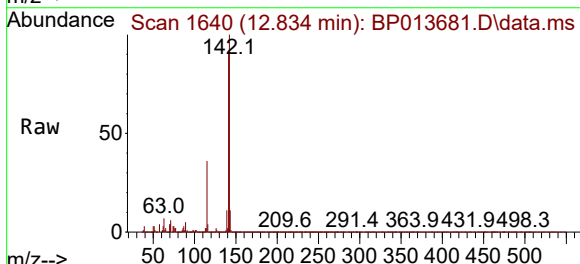
Instrument :  
BNA\_P  
ClientSampleId :  
PB150507BS

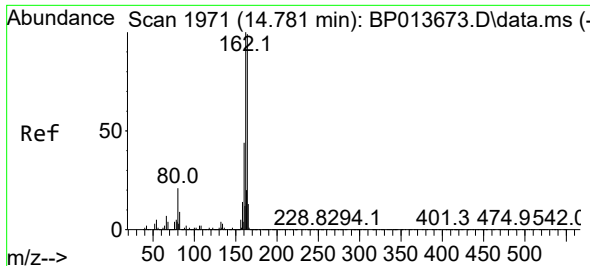
Tgt Ion:142 Resp: 1961559  
Ion Ratio Lower Upper  
142 100  
141 88.7 70.3 105.5  
115 34.6 26.4 39.6



#38  
1-Methylnaphthalene  
Concen: 42.225 ng  
RT: 12.834 min Scan# 1640  
Delta R.T. -0.000 min  
Lab File: BP013681.D  
Acq: 31 Jan 2023 19:21

Tgt Ion:142 Resp: 1827539  
Ion Ratio Lower Upper  
142 100  
141 91.3 72.2 108.4  
116 3.8 3.0 4.4

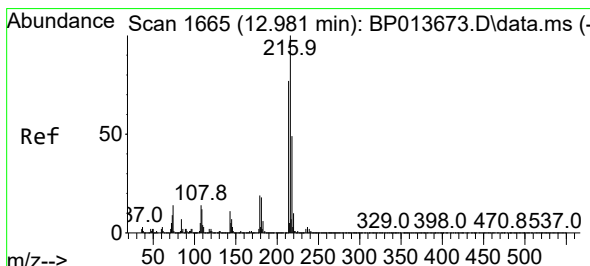
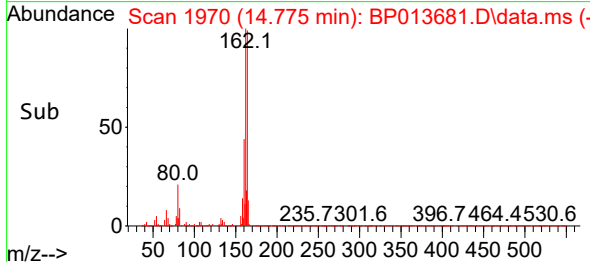
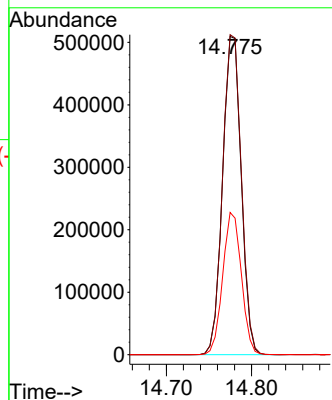
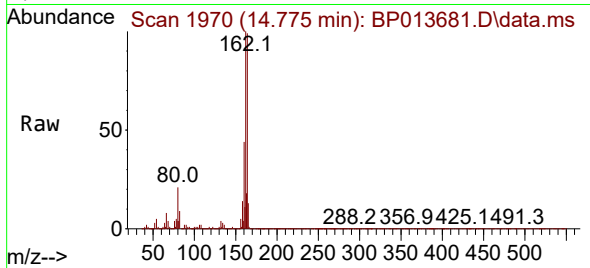




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.775 min Scan# 1971  
Delta R.T. -0.006 min  
Lab File: BP013681.D  
Acq: 31 Jan 2023 19:21

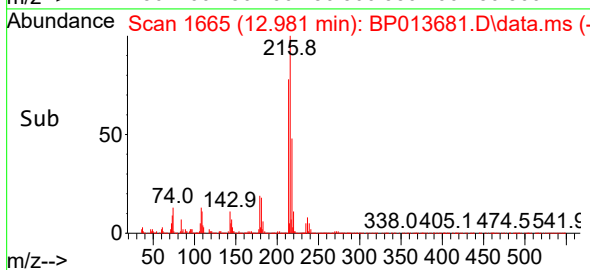
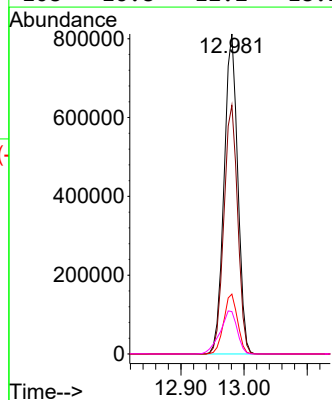
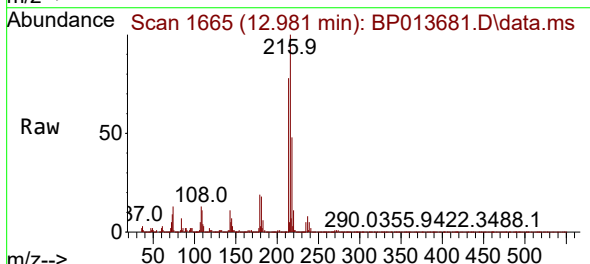
Instrument :  
BNA\_P  
ClientSampleId :  
PB150507BS

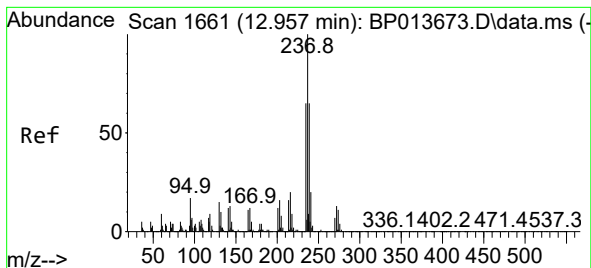
Tgt Ion:164 Resp: 773594  
Ion Ratio Lower Upper  
164 100  
162 100.5 80.8 121.2  
160 44.7 35.6 53.4



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 46.141 ng  
RT: 12.981 min Scan# 1665  
Delta R.T. -0.000 min  
Lab File: BP013681.D  
Acq: 31 Jan 2023 19:21

Tgt Ion:216 Resp: 1218607  
Ion Ratio Lower Upper  
216 100  
214 78.5 62.6 94.0  
179 18.9 15.2 22.8  
108 16.8 12.2 18.2





#41

Hexachlorocyclopentadiene

Concen: 116.910 ng

RT: 12.957 min Scan# 1661

Delta R.T. 0.000 min

Lab File: BP013681.D

Acq: 31 Jan 2023 19:21

Instrument :

BNA\_P

ClientSampleId :

PB150507BS

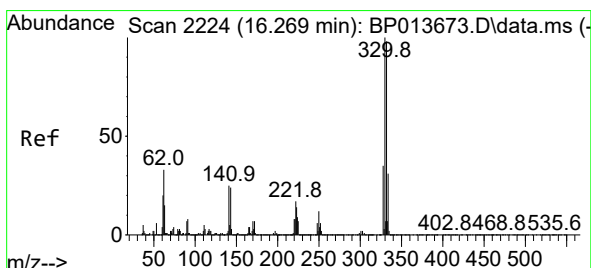
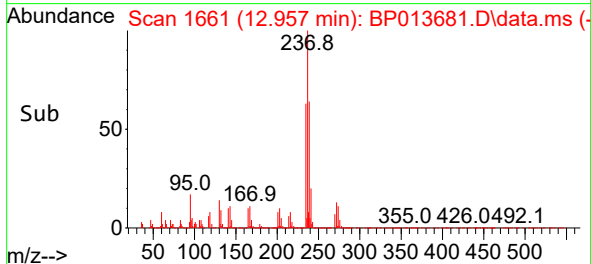
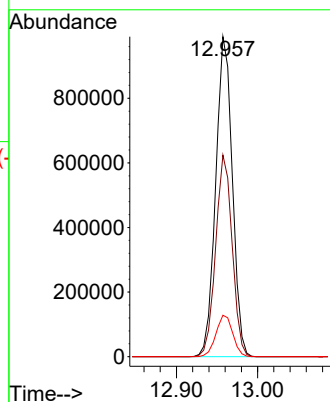
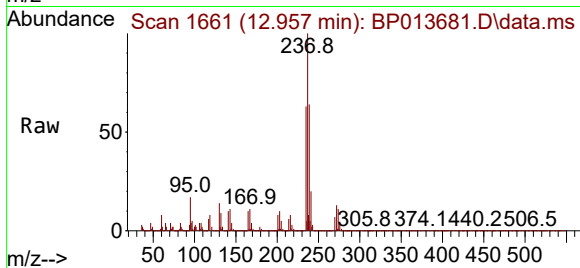
Tgt Ion:237 Resp: 1409291

Ion Ratio Lower Upper

237 100

235 63.0 44.6 84.6

272 13.0 0.0 33.2



#42

2,4,6-Tribromophenol

Concen: 142.483 ng

RT: 16.269 min Scan# 2224

Delta R.T. -0.000 min

Lab File: BP013681.D

Acq: 31 Jan 2023 19:21

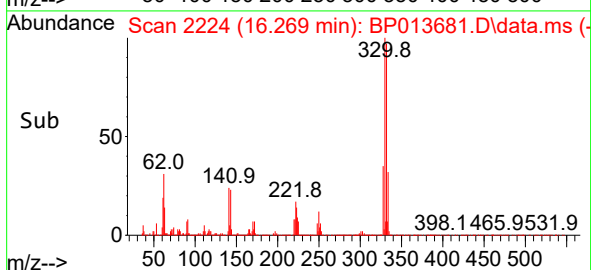
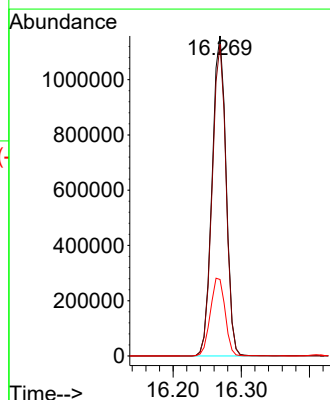
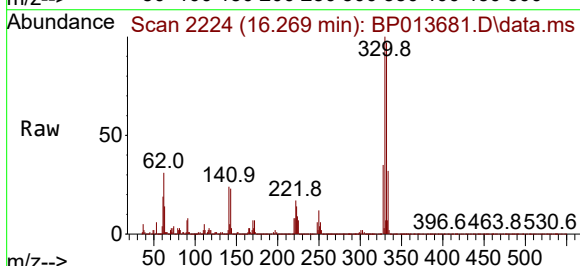
Tgt Ion:330 Resp: 1653243

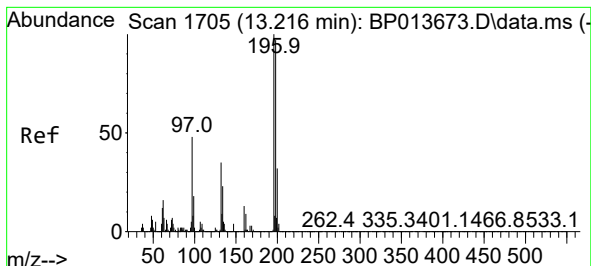
Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.2

141 25.6 21.3 31.9





#43

2,4,6-Trichlorophenol

Concen: 47.897 ng

RT: 13.216 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP013681.D

Acq: 31 Jan 2023 19:21

Instrument :

BNA\_P

ClientSampleId :

PB150507BS

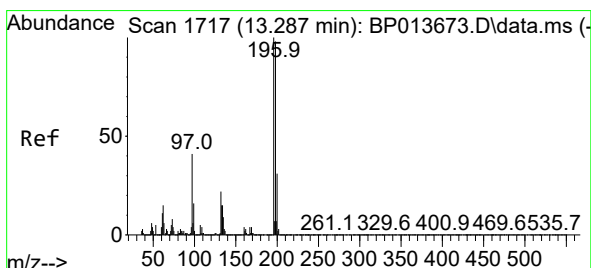
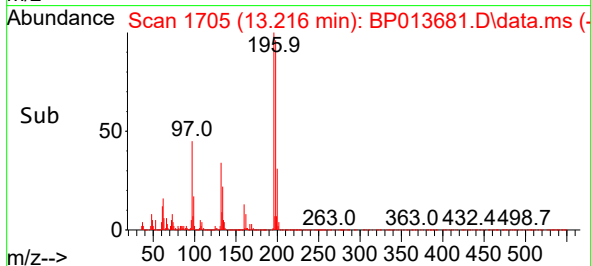
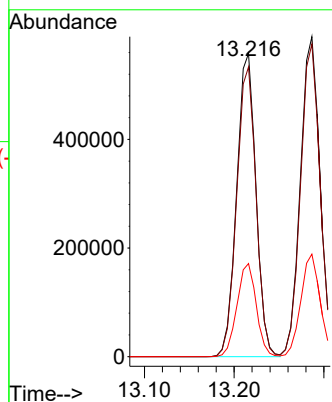
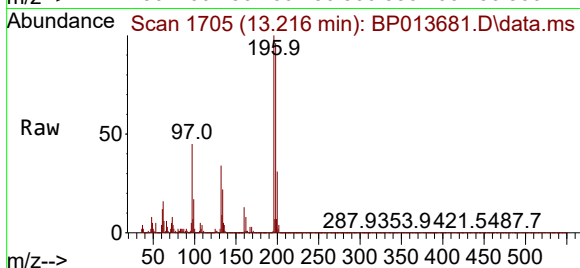
Tgt Ion:196 Resp: 832985

Ion Ratio Lower Upper

196 100

198 95.6 77.5 116.3

200 30.7 25.3 37.9



#44

2,4,5-Trichlorophenol

Concen: 44.163 ng

RT: 13.287 min Scan# 1717

Delta R.T. -0.000 min

Lab File: BP013681.D

Acq: 31 Jan 2023 19:21

Tgt Ion:196 Resp: 899250

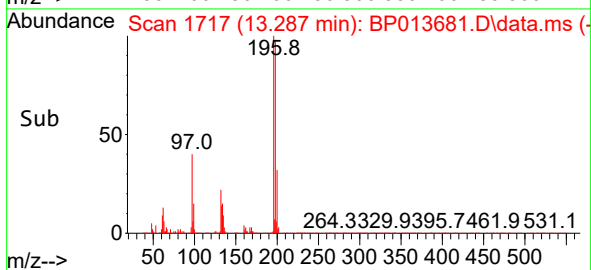
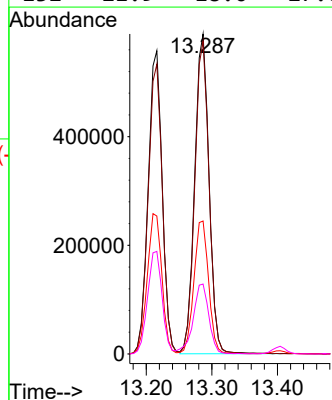
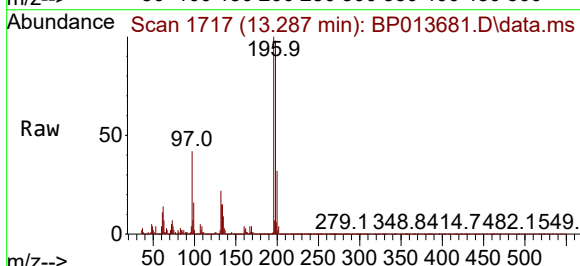
Ion Ratio Lower Upper

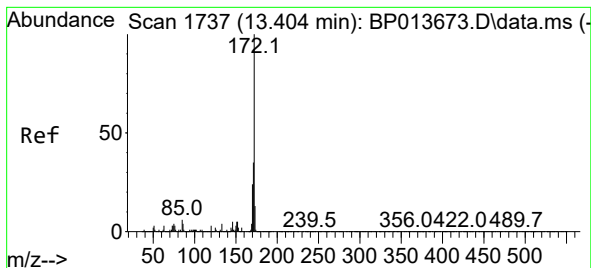
196 100

198 97.7 78.2 117.2

97 41.5 33.2 49.8

132 21.9 18.0 27.0





#45

2-Fluorobiphenyl

Concen: 88.906 ng

RT: 13.404 min Scan# 1737

Delta R.T. 0.000 min

Lab File: BP013681.D

Acq: 31 Jan 2023 19:21

Instrument :

BNA\_P

ClientSampleId :

PB150507BS

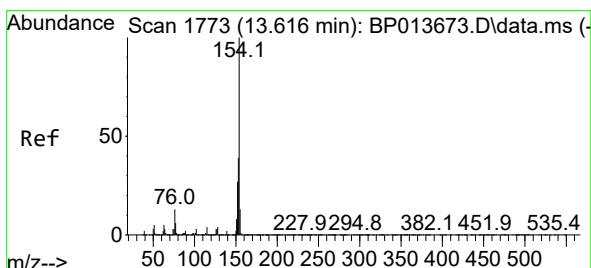
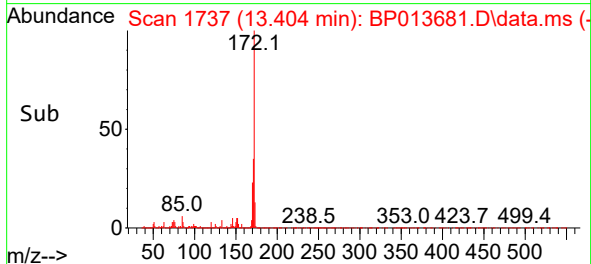
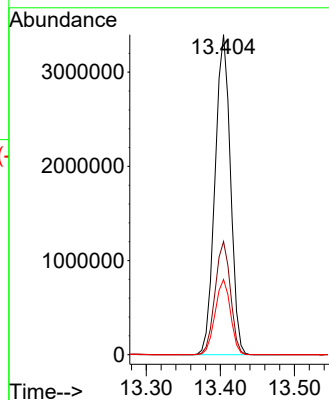
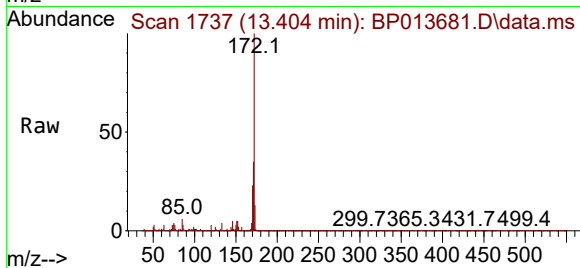
Tgt Ion:172 Resp: 4915230

Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.2

170 23.5 19.0 28.4



#46

1,1'-Biphenyl

Concen: 45.426 ng

RT: 13.616 min Scan# 1773

Delta R.T. -0.000 min

Lab File: BP013681.D

Acq: 31 Jan 2023 19:21

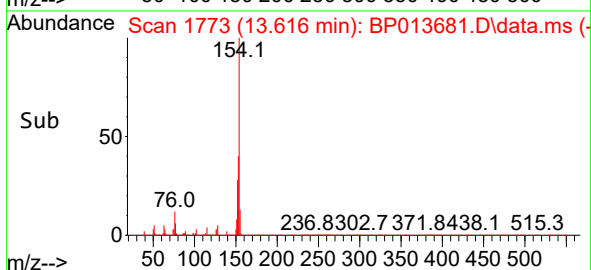
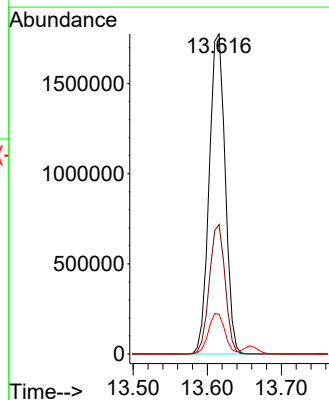
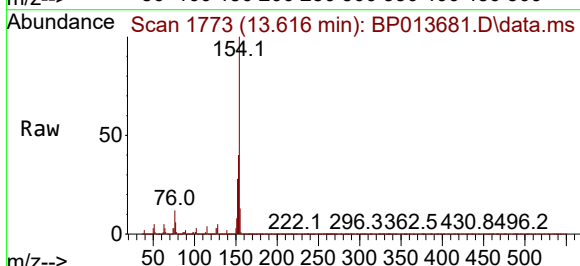
Tgt Ion:154 Resp: 2659273

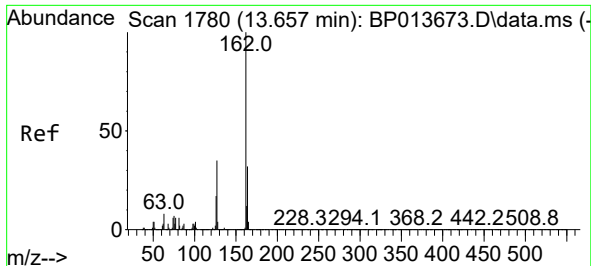
Ion Ratio Lower Upper

154 100

153 40.4 19.3 59.3

76 12.4 0.0 33.1

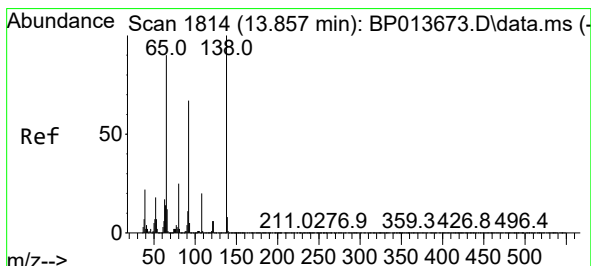
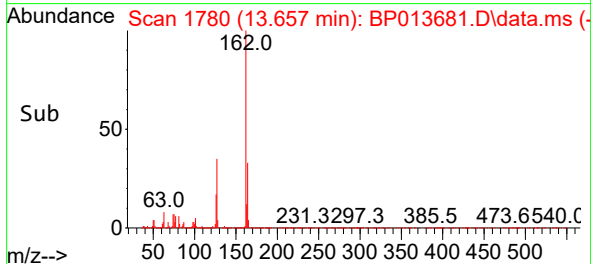
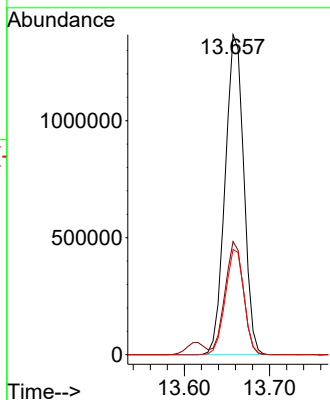
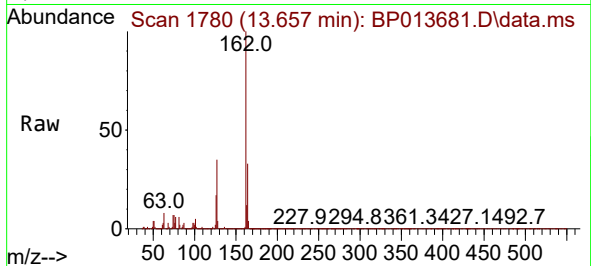




#47  
2-Chloronaphthalene  
Concen: 45.872 ng  
RT: 13.657 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BP013681.D  
Acq: 31 Jan 2023 19:21

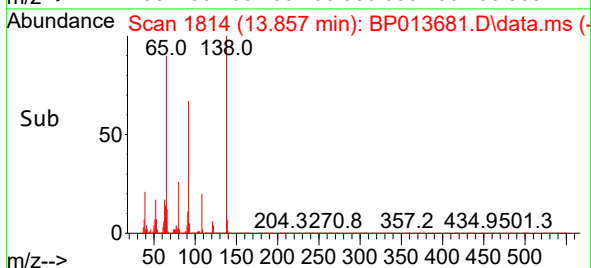
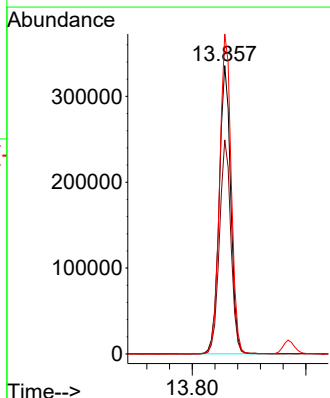
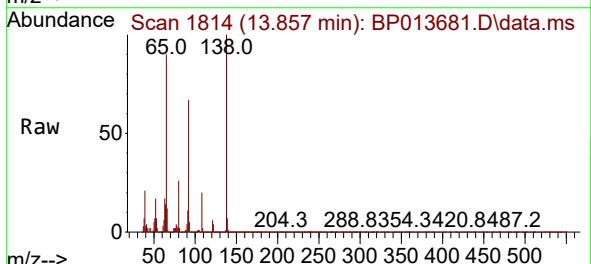
Instrument :  
BNA\_P  
ClientSampleId :  
PB150507BS

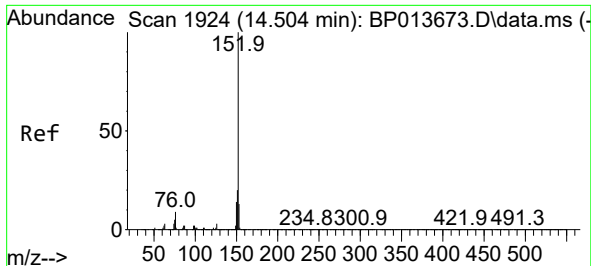
Tgt Ion:162 Resp: 2075719  
Ion Ratio Lower Upper  
162 100  
127 35.3 28.3 42.5  
164 32.9 25.9 38.9



#48  
2-Nitroaniline  
Concen: 42.466 ng  
RT: 13.857 min Scan# 1814  
Delta R.T. 0.000 min  
Lab File: BP013681.D  
Acq: 31 Jan 2023 19:21

Tgt Ion: 65 Resp: 476118  
Ion Ratio Lower Upper  
65 100  
92 74.2 59.4 89.0  
138 111.0 88.6 133.0

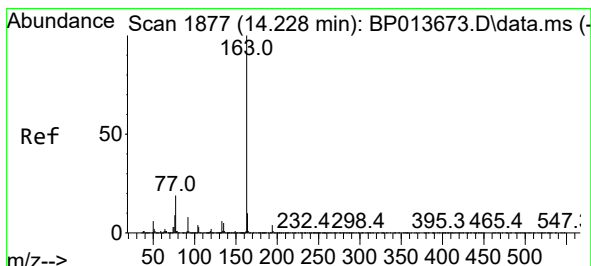
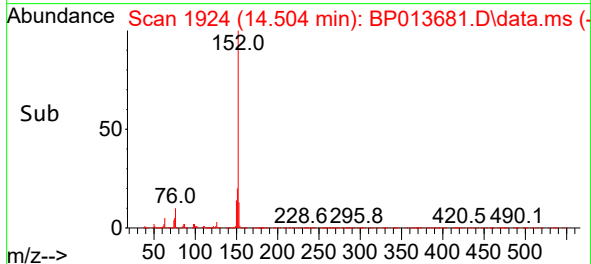
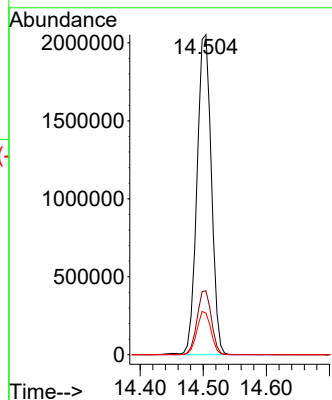
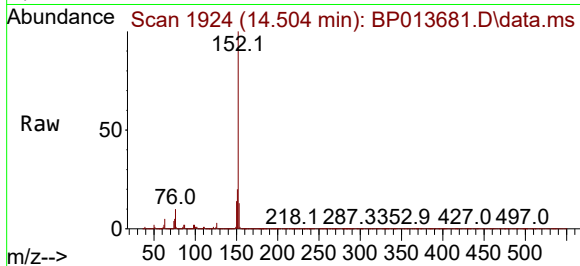




#49  
Acenaphthylene  
Concen: 44.169 ng  
RT: 14.504 min Scan# 1924  
Delta R.T. -0.000 min  
Lab File: BP013681.D  
Acq: 31 Jan 2023 19:21

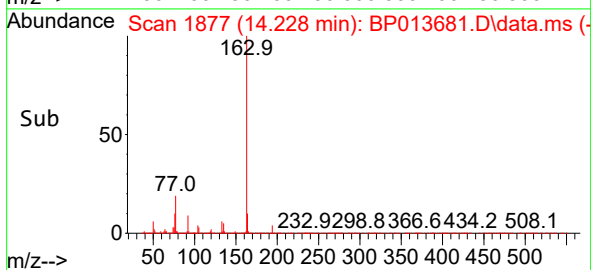
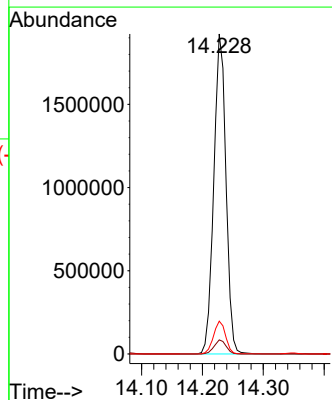
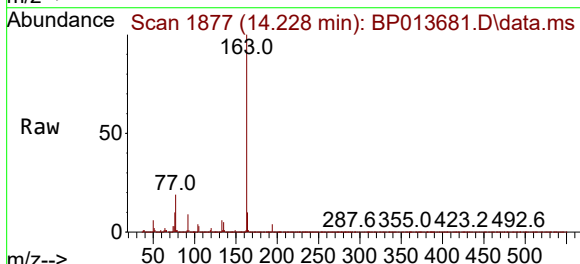
Instrument :  
BNA\_P  
ClientSampleId :  
PB150507BS

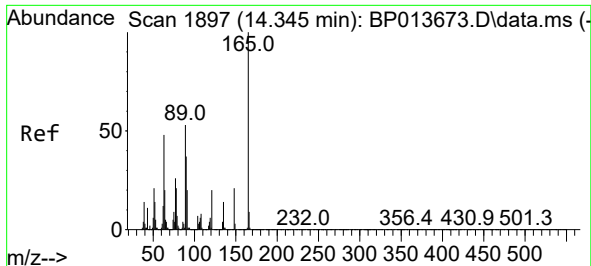
Tgt Ion:152 Resp: 3223148  
Ion Ratio Lower Upper  
152 100  
151 19.9 15.8 23.6  
153 13.0 10.4 15.6



#50  
Dimethylphthalate  
Concen: 44.542 ng  
RT: 14.228 min Scan# 1877  
Delta R.T. -0.000 min  
Lab File: BP013681.D  
Acq: 31 Jan 2023 19:21

Tgt Ion:163 Resp: 2665199  
Ion Ratio Lower Upper  
163 100  
194 4.4 3.5 5.3  
164 10.3 8.4 12.6

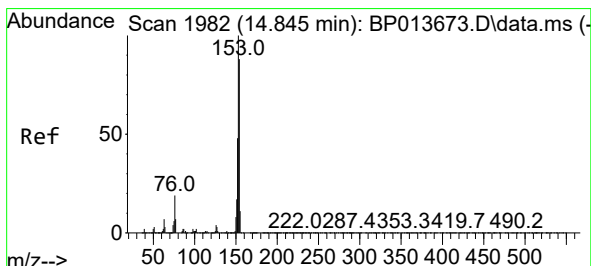
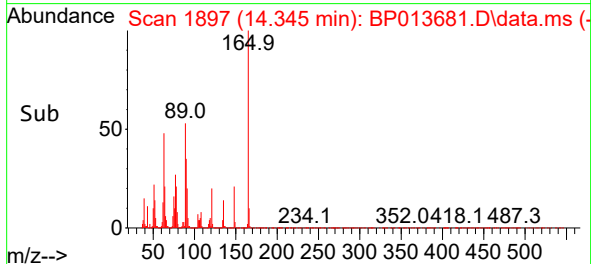
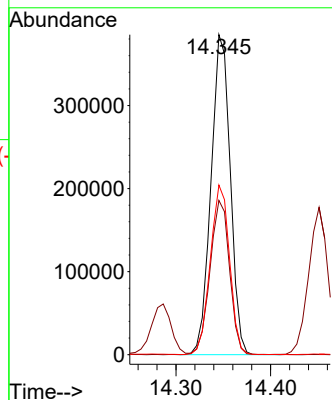
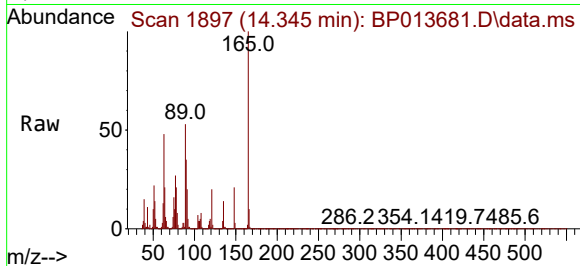




#51  
2,6-Dinitrotoluene  
Concen: 44.397 ng  
RT: 14.345 min Scan# 1897  
Delta R.T. 0.000 min  
Lab File: BP013681.D  
Acq: 31 Jan 2023 19:21

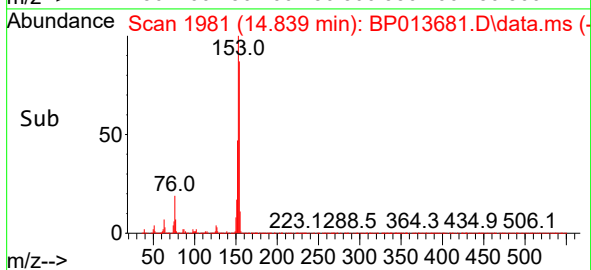
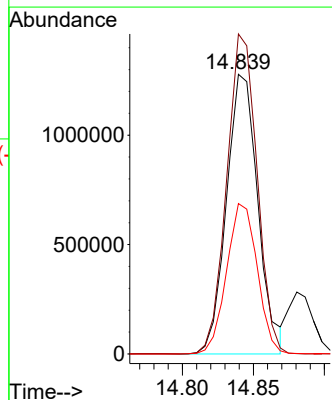
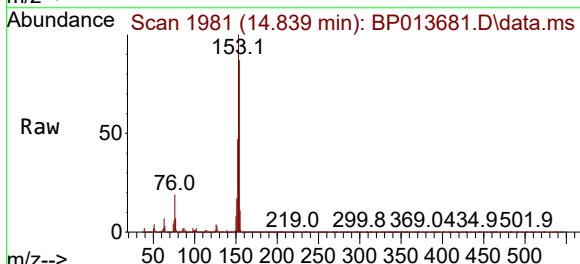
Instrument :  
BNA\_P  
ClientSampleId :  
PB150507BS

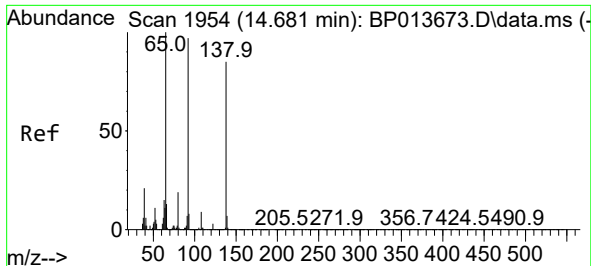
Tgt Ion:165 Resp: 543210  
Ion Ratio Lower Upper  
165 100  
63 48.2 39.8 59.6  
89 53.0 42.4 63.6



#52  
Acenaphthene  
Concen: 41.874 ng  
RT: 14.839 min Scan# 1981  
Delta R.T. -0.006 min  
Lab File: BP013681.D  
Acq: 31 Jan 2023 19:21

Tgt Ion:154 Resp: 1967229  
Ion Ratio Lower Upper  
154 100  
153 114.4 90.6 135.8  
152 53.8 43.4 65.0

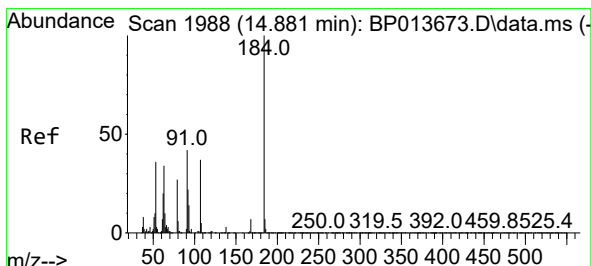
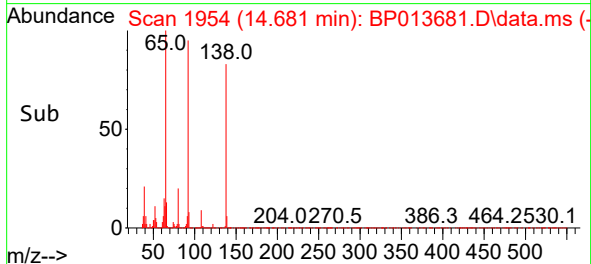
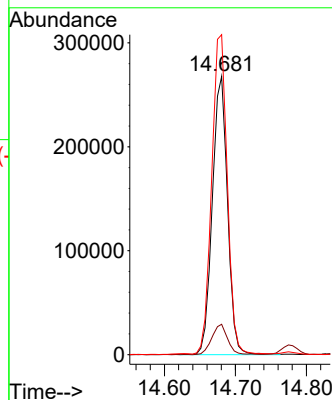
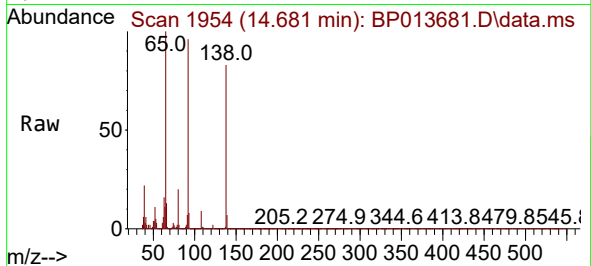




#53  
3-Nitroaniline  
Concen: 31.407 ng  
RT: 14.681 min Scan# 1954  
Delta R.T. -0.000 min  
Lab File: BP013681.D  
Acq: 31 Jan 2023 19:21

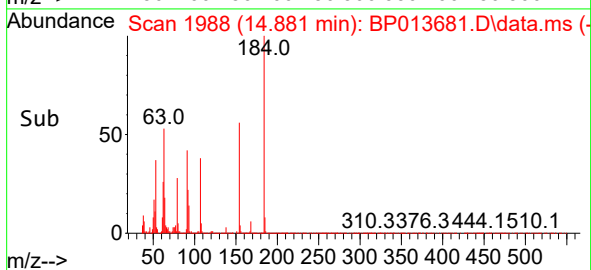
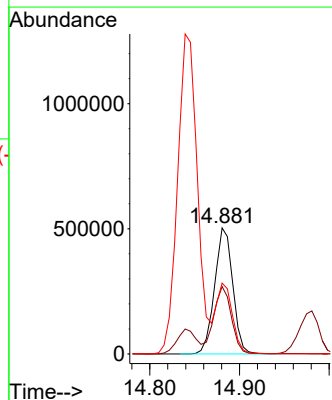
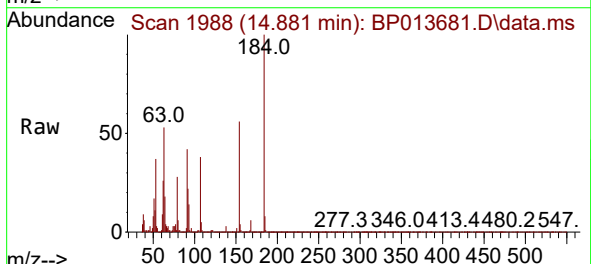
Instrument :  
BNA\_P  
ClientSampleId :  
PB150507BS

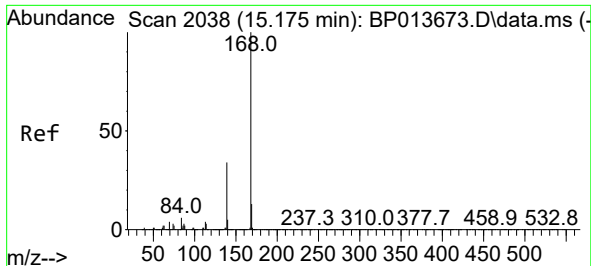
Tgt Ion:138 Resp: 396925  
Ion Ratio Lower Upper  
138 100  
108 11.0 8.5 12.7  
92 115.0 91.5 137.3



#54  
2,4-Dinitrophenol  
Concen: 87.558 ng  
RT: 14.881 min Scan# 1988  
Delta R.T. -0.000 min  
Lab File: BP013681.D  
Acq: 31 Jan 2023 19:21

Tgt Ion:184 Resp: 708001  
Ion Ratio Lower Upper  
184 100  
63 53.4 41.4 62.0  
154 56.2 44.3 66.5

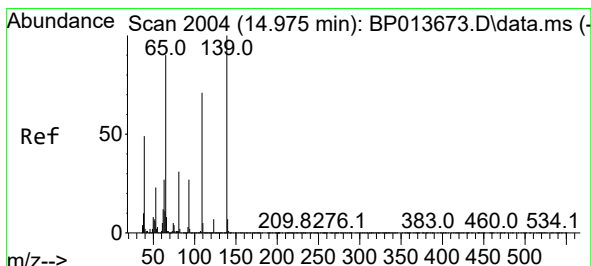
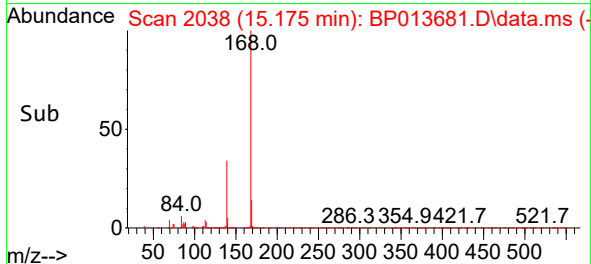
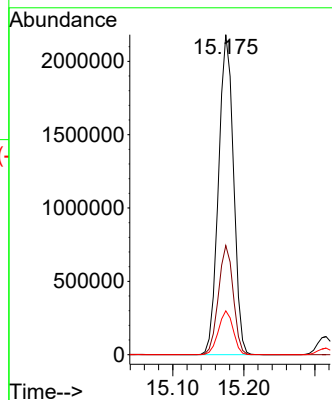
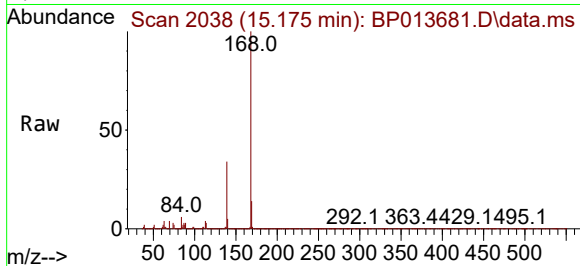




#55  
Dibenzofuran  
Concen: 43.310 ng  
RT: 15.175 min Scan# 2038  
Delta R.T. -0.000 min  
Lab File: BP013681.D  
Acq: 31 Jan 2023 19:21

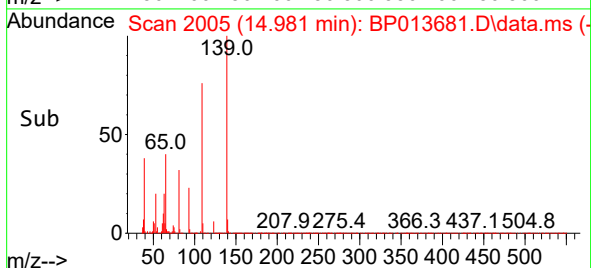
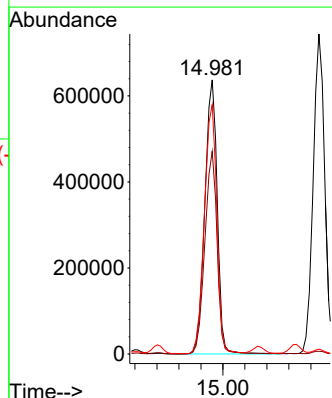
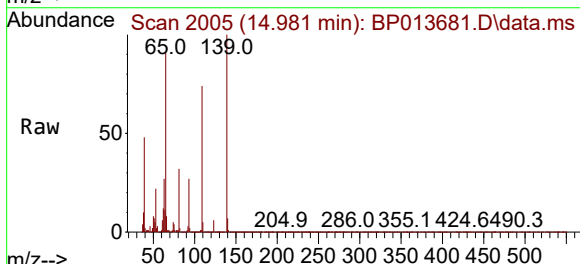
Instrument :  
BNA\_P  
ClientSampleId :  
PB150507BS

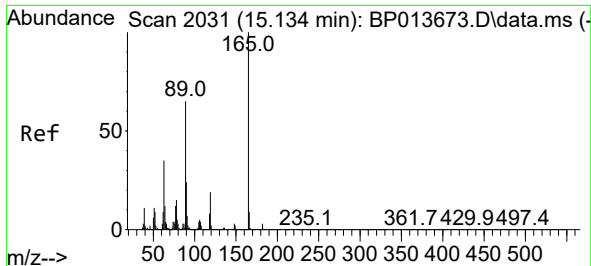
Tgt Ion:168 Resp: 3184362  
Ion Ratio Lower Upper  
168 100  
139 34.1 27.4 41.2  
169 13.7 10.7 16.1



#56  
4-Nitrophenol  
Concen: 95.960 ng  
RT: 14.981 min Scan# 2005  
Delta R.T. 0.006 min  
Lab File: BP013681.D  
Acq: 31 Jan 2023 19:21

Tgt Ion:139 Resp: 995525  
Ion Ratio Lower Upper  
139 100  
109 73.9 50.9 90.9  
65 91.0 70.0 110.0





#57

2,4-Dinitrotoluene

Concen: 45.209 ng

RT: 15.134 min Scan# 2031

Delta R.T. -0.000 min

Lab File: BP013681.D

Acq: 31 Jan 2023 19:21

Instrument :

BNA\_P

ClientSampleId :

PB150507BS

Tgt Ion:165 Resp: 741513

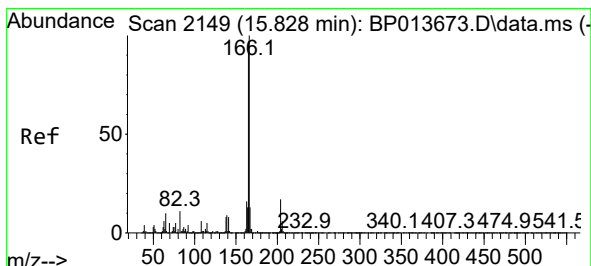
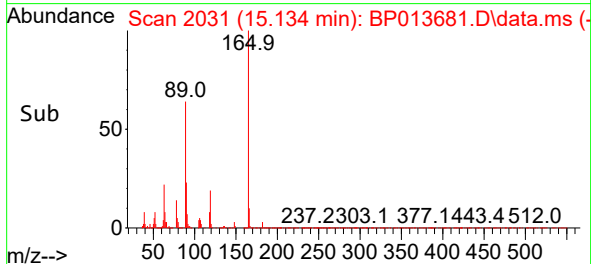
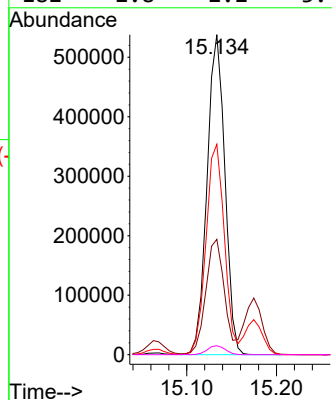
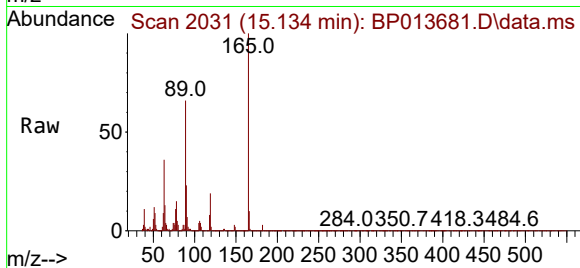
Ion Ratio Lower Upper

165 100

63 36.0 28.1 42.1

89 65.8 52.0 78.0

182 2.8 2.2 3.4



#58

Fluorene

Concen: 43.525 ng

RT: 15.822 min Scan# 2148

Delta R.T. -0.006 min

Lab File: BP013681.D

Acq: 31 Jan 2023 19:21

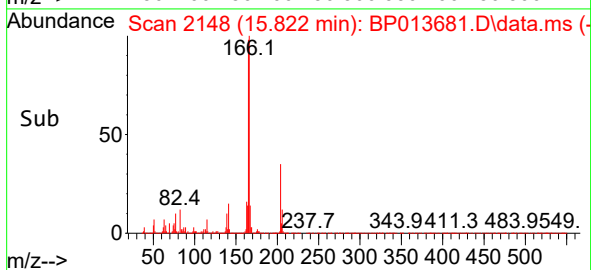
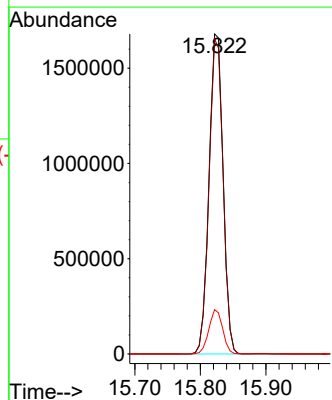
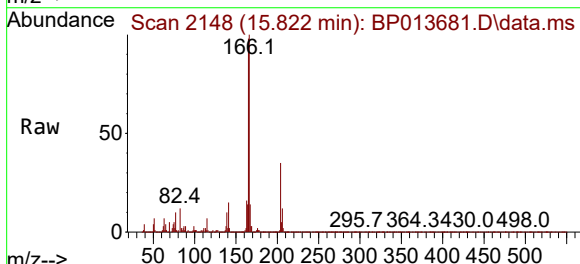
Tgt Ion:166 Resp: 2512468

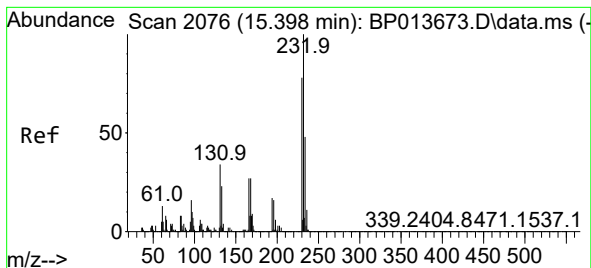
Ion Ratio Lower Upper

166 100

165 98.5 77.6 116.4

167 13.8 10.6 15.8

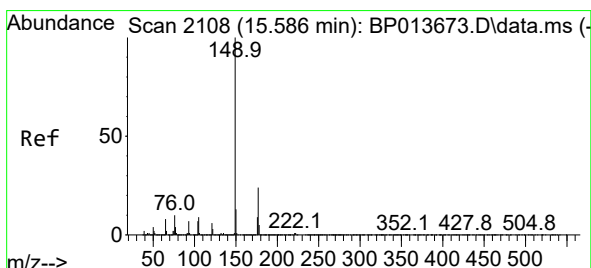
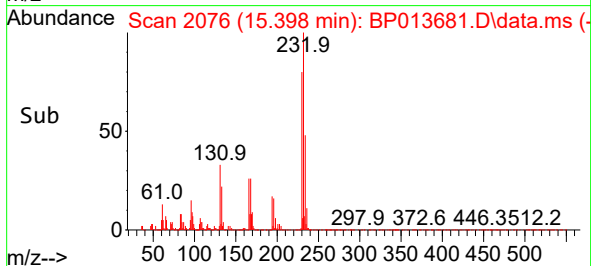
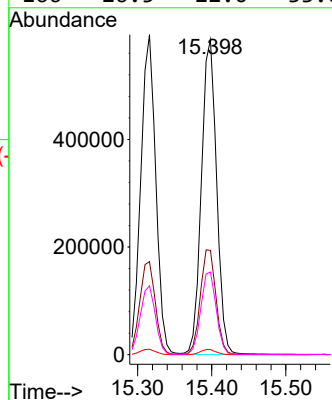
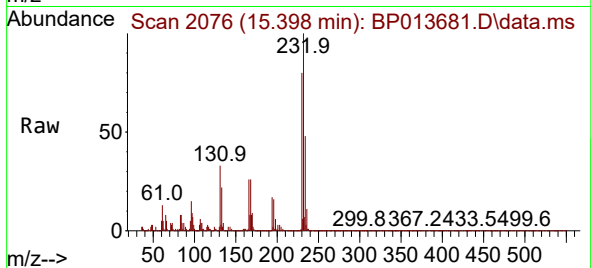




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 47.026 ng  
RT: 15.398 min Scan# 2076  
Delta R.T. -0.000 min  
Lab File: BP013681.D  
Acq: 31 Jan 2023 19:21

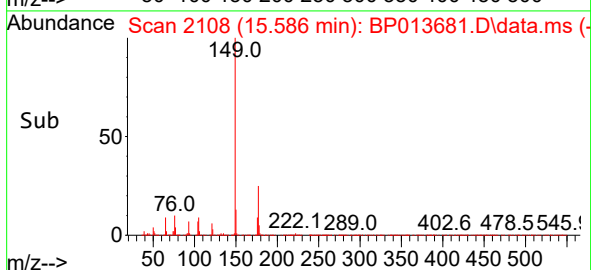
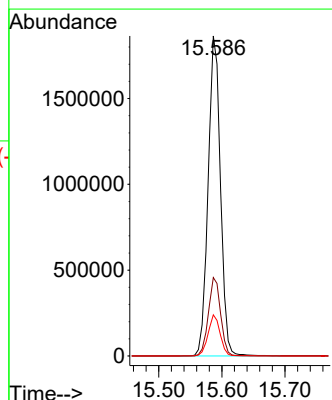
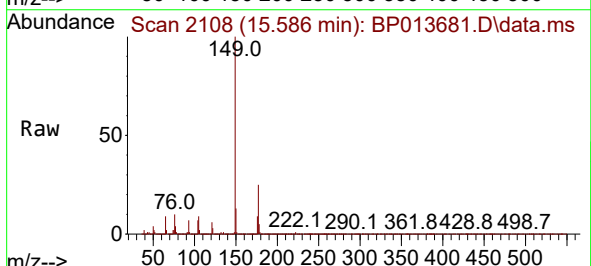
Instrument :  
BNA\_P  
ClientSampleId :  
PB150507BS

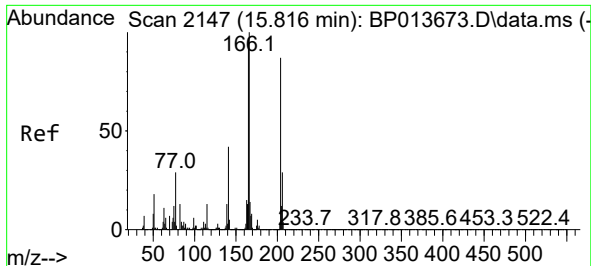
Tgt Ion:232 Resp: 832636  
Ion Ratio Lower Upper  
232 100  
131 34.3 27.9 41.9  
130 1.7 1.4 2.0  
166 26.5 22.0 33.0



#60  
Diethylphthalate  
Concen: 44.175 ng  
RT: 15.586 min Scan# 2108  
Delta R.T. -0.000 min  
Lab File: BP013681.D  
Acq: 31 Jan 2023 19:21

Tgt Ion:149 Resp: 2533944  
Ion Ratio Lower Upper  
149 100  
177 24.5 19.2 28.8  
150 12.9 10.1 15.1

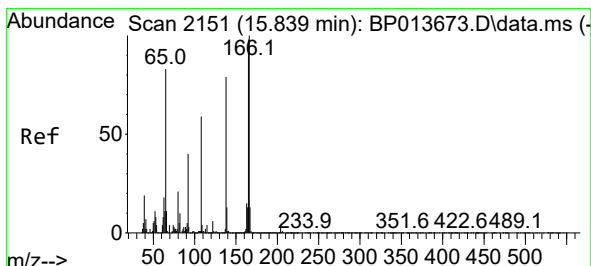
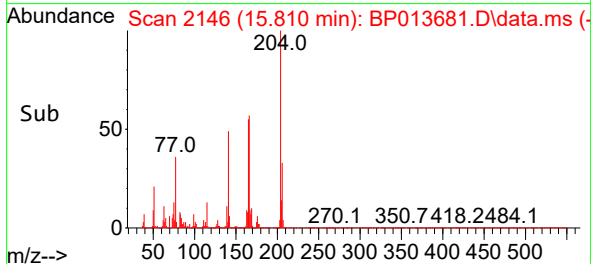
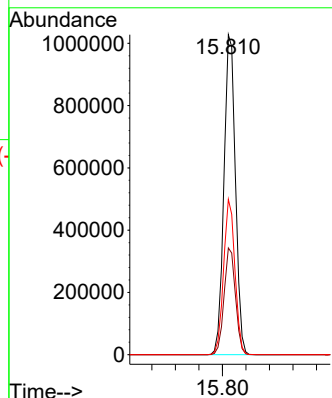
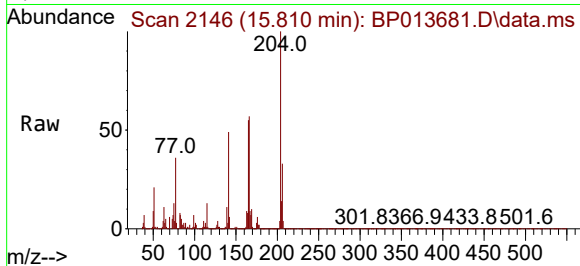




#61  
4-Chlorophenyl-phenylether  
Concen: 44.283 ng  
RT: 15.810 min Scan# 2146  
Delta R.T. -0.006 min  
Lab File: BP013681.D  
Acq: 31 Jan 2023 19:21

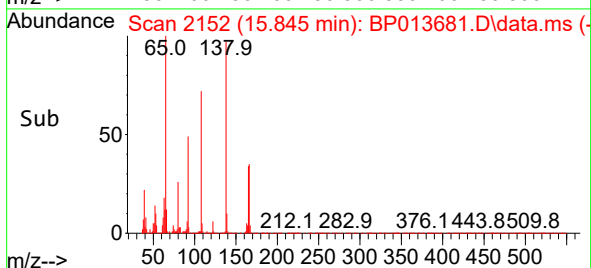
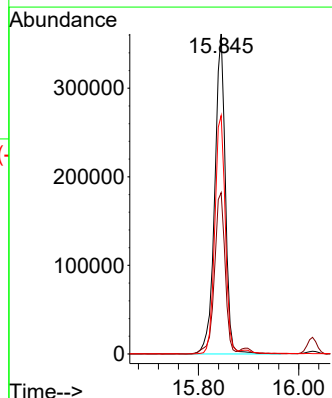
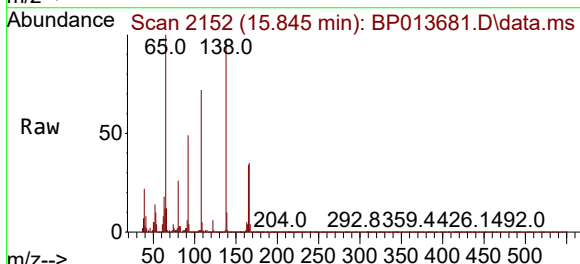
Instrument :  
BNA\_P  
ClientSampleId :  
PB150507BS

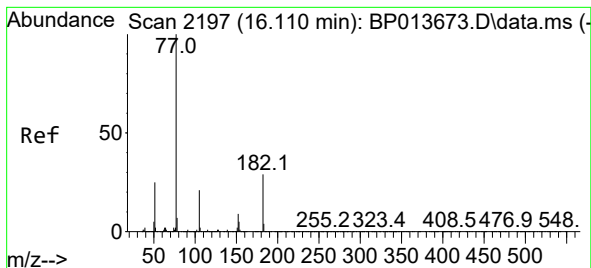
Tgt Ion:204 Resp: 1392027  
Ion Ratio Lower Upper  
204 100  
206 33.4 26.6 40.0  
141 48.6 38.1 57.1



#62  
4-Nitroaniline  
Concen: 40.903 ng  
RT: 15.845 min Scan# 2152  
Delta R.T. 0.006 min  
Lab File: BP013681.D  
Acq: 31 Jan 2023 19:21

Tgt Ion:138 Resp: 529461  
Ion Ratio Lower Upper  
138 100  
92 50.4 30.3 70.3  
108 74.5 55.4 95.4





#63

Azobenzene

Concen: 44.261 ng

RT: 16.110 min Scan# 2197

Delta R.T. -0.000 min

Lab File: BP013681.D

Acq: 31 Jan 2023 19:21

Instrument :

BNA\_P

ClientSampleId :

PB150507BS

Tgt Ion: 77 Resp: 2345322

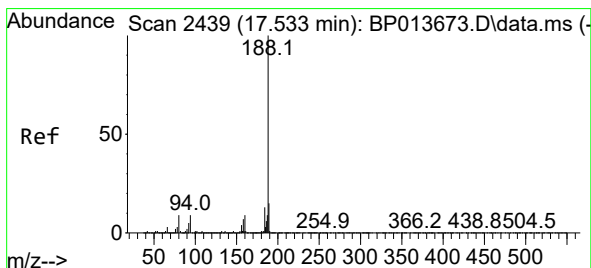
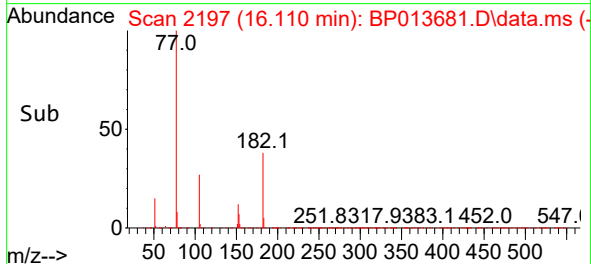
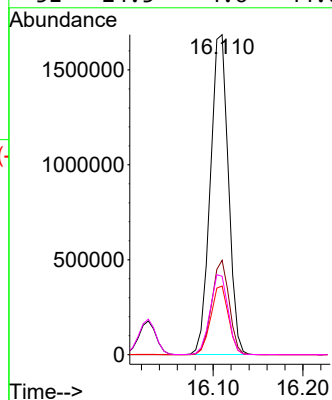
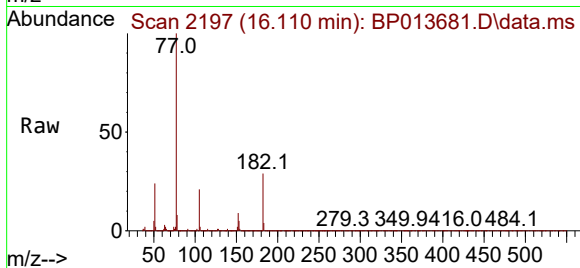
Ion Ratio Lower Upper

77 100

182 29.5 9.3 49.3

105 21.5 1.1 41.1

51 24.5 4.6 44.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.533 min Scan# 2439

Delta R.T. -0.000 min

Lab File: BP013681.D

Acq: 31 Jan 2023 19:21

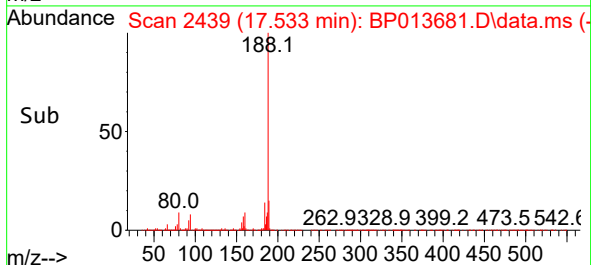
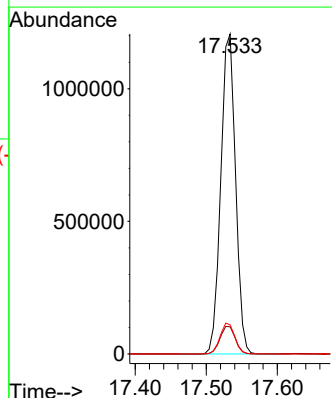
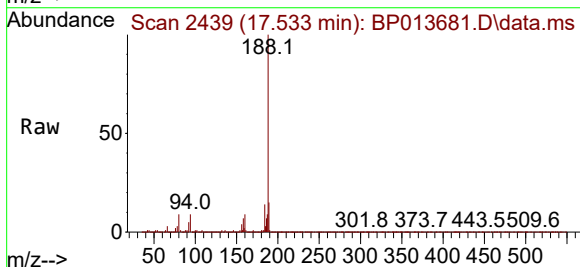
Tgt Ion:188 Resp: 1729773

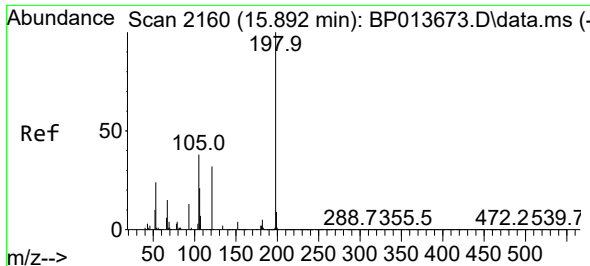
Ion Ratio Lower Upper

188 100

94 8.5 6.9 10.3

80 9.1 7.4 11.0

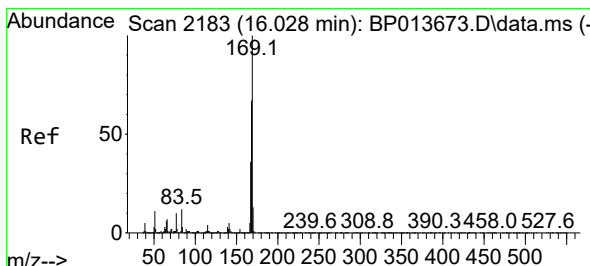
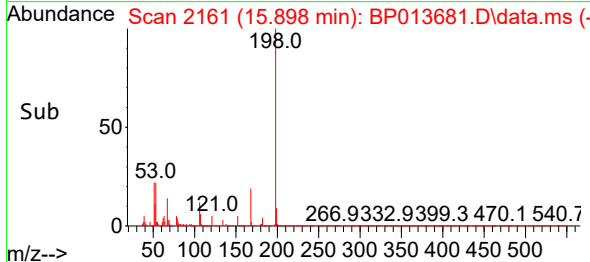
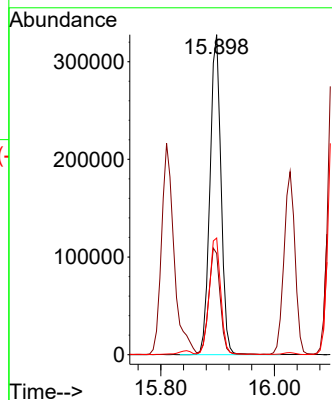
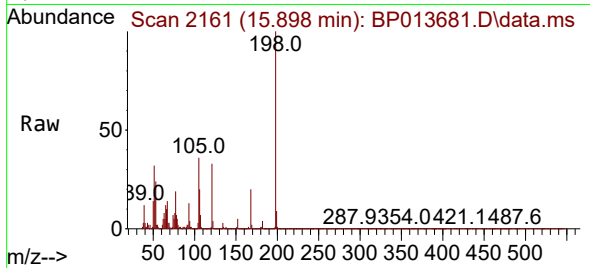




#65  
4,6-Dinitro-2-methylphenol  
Concen: 44.286 ng  
RT: 15.898 min Scan# 2161  
Delta R.T. 0.006 min  
Lab File: BP013681.D  
Acq: 31 Jan 2023 19:21

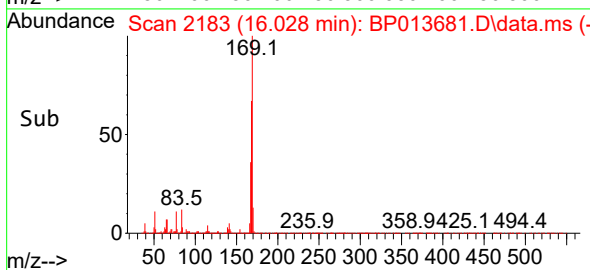
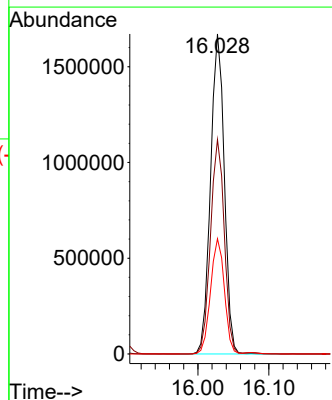
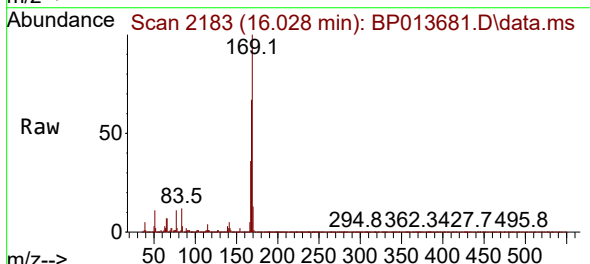
Instrument :  
BNA\_P  
ClientSampleId :  
PB150507BS

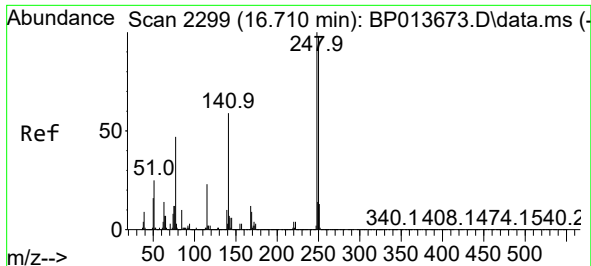
Tgt Ion:198 Resp: 439388  
Ion Ratio Lower Upper  
198 100  
51 31.6 15.4 55.4  
105 36.5 18.3 58.3



#66  
n-Nitrosodiphenylamine  
Concen: 44.799 ng  
RT: 16.028 min Scan# 2183  
Delta R.T. -0.000 min  
Lab File: BP013681.D  
Acq: 31 Jan 2023 19:21

Tgt Ion:169 Resp: 2254758  
Ion Ratio Lower Upper  
169 100  
168 67.0 53.8 80.6  
167 36.0 28.9 43.3

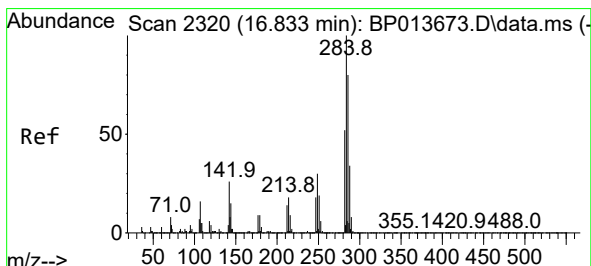
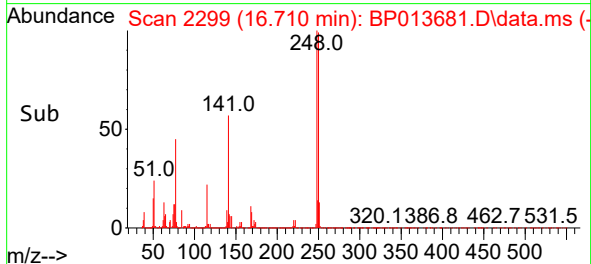
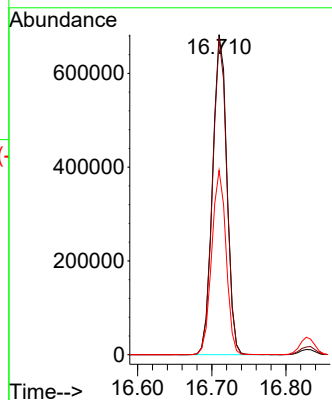
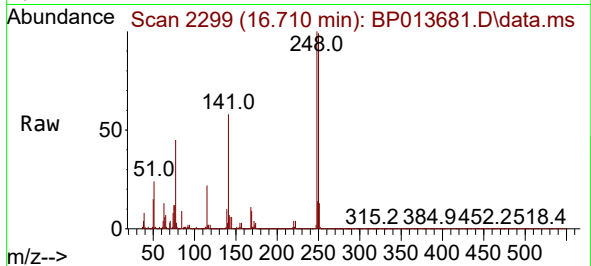




#67  
4-Bromophenyl-phenylether  
Concen: 46.230 ng  
RT: 16.710 min Scan# 2299  
Delta R.T. -0.000 min  
Lab File: BP013681.D  
Acq: 31 Jan 2023 19:21

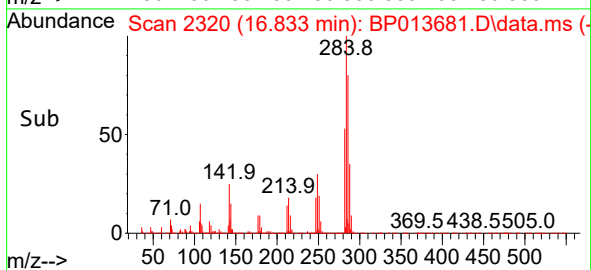
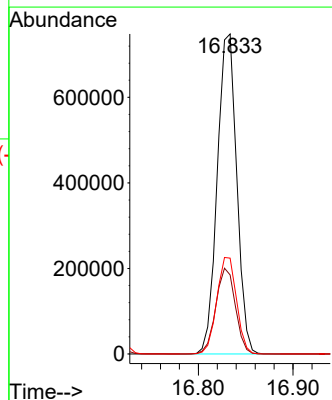
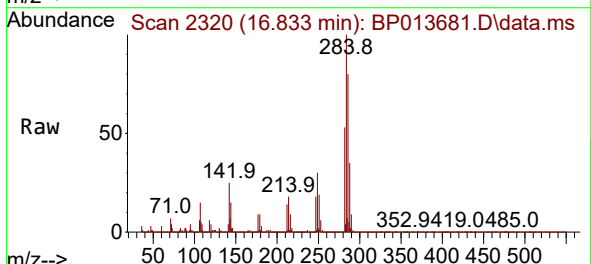
Instrument :  
BNA\_P  
ClientSampleId :  
PB150507BS

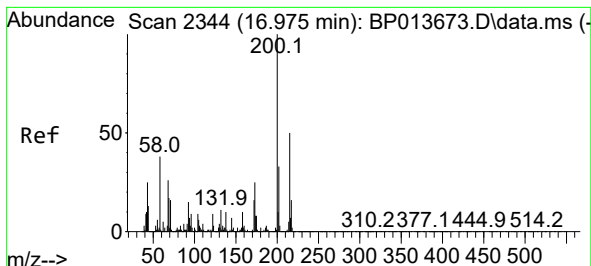
Tgt Ion:248 Resp: 916690  
Ion Ratio Lower Upper  
248 100  
250 98.8 78.2 117.2  
141 57.6 46.8 70.2



#68  
Hexachlorobenzene  
Concen: 48.730 ng  
RT: 16.833 min Scan# 2320  
Delta R.T. 0.000 min  
Lab File: BP013681.D  
Acq: 31 Jan 2023 19:21

Tgt Ion:284 Resp: 1069972  
Ion Ratio Lower Upper  
284 100  
142 24.7 20.6 31.0  
249 30.0 23.9 35.9





#69

Atrazine

Concen: 52.046 ng

RT: 16.980 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP013681.D

Acq: 31 Jan 2023 19:21

Instrument :

BNA\_P

ClientSampleId :

PB150507BS

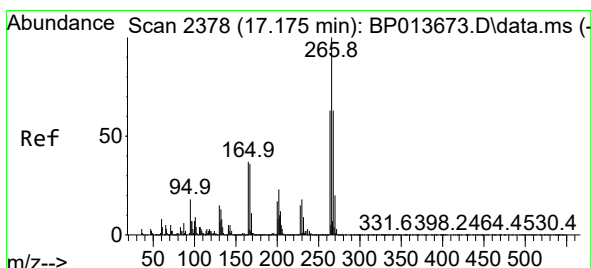
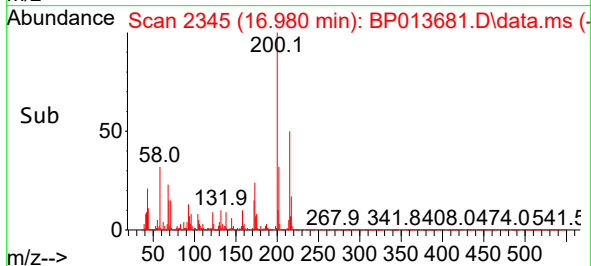
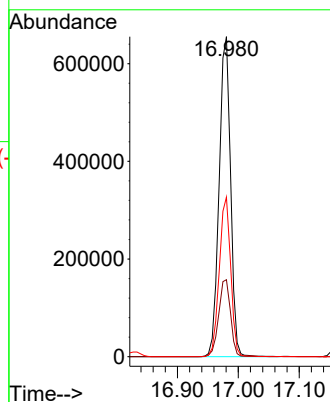
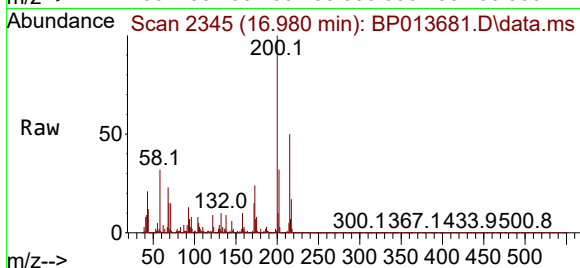
Tgt Ion:200 Resp: 852382

Ion Ratio Lower Upper

200 100

173 24.0 5.2 45.2

215 49.8 29.8 69.8



#70

Pentachlorophenol

Concen: 88.052 ng

RT: 17.175 min Scan# 2378

Delta R.T. -0.000 min

Lab File: BP013681.D

Acq: 31 Jan 2023 19:21

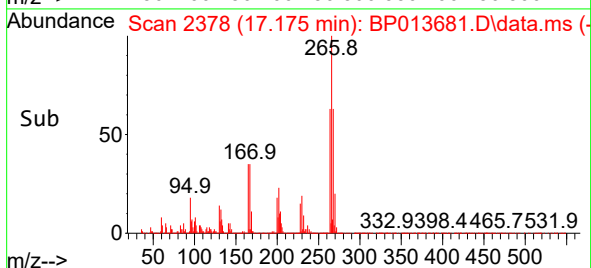
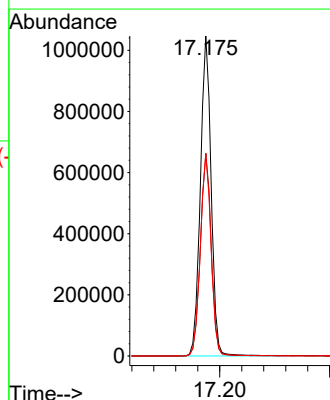
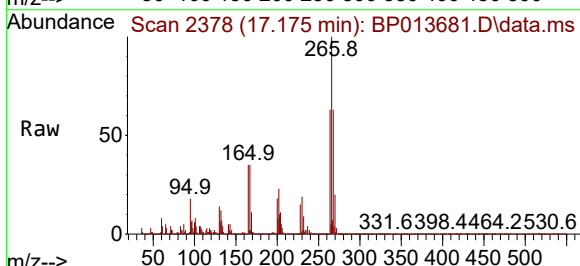
Tgt Ion:266 Resp: 1426142

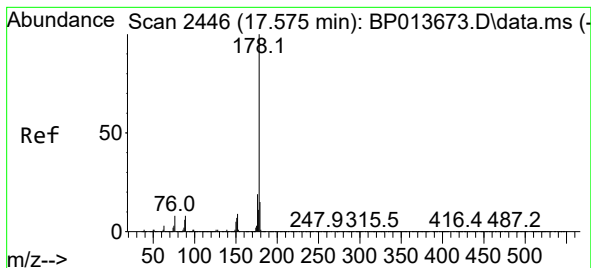
Ion Ratio Lower Upper

266 100

268 63.2 50.7 76.1

264 63.4 50.5 75.7





#71

Phenanthrene

Concen: 44.914 ng

RT: 17.575 min Scan# 2446

Delta R.T. -0.000 min

Lab File: BP013681.D

Acq: 31 Jan 2023 19:21

Instrument :

BNA\_P

ClientSampleId :

PB150507BS

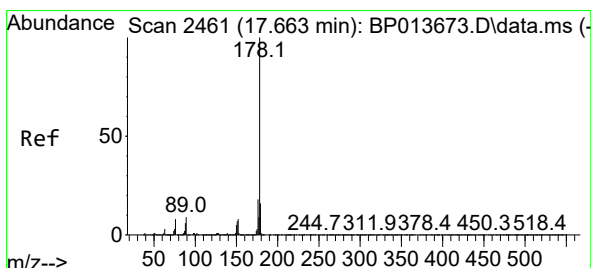
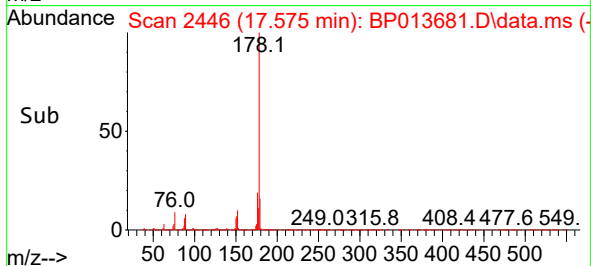
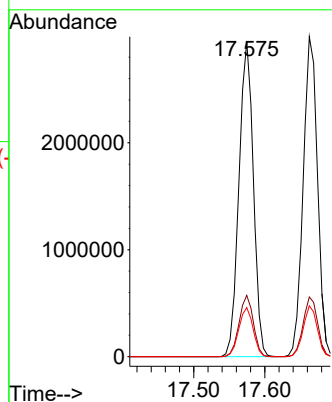
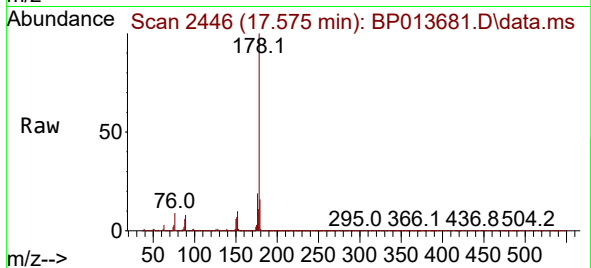
Tgt Ion:178 Resp: 4164274

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

179 15.6 12.2 18.2



#72

Anthracene

Concen: 44.642 ng

RT: 17.663 min Scan# 2461

Delta R.T. -0.000 min

Lab File: BP013681.D

Acq: 31 Jan 2023 19:21

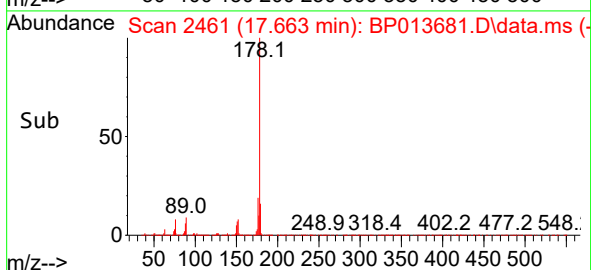
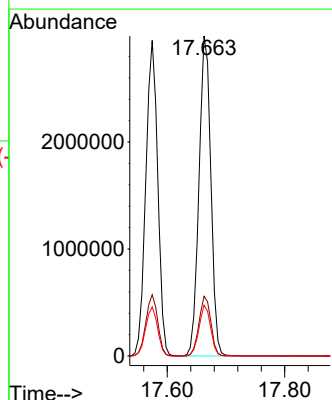
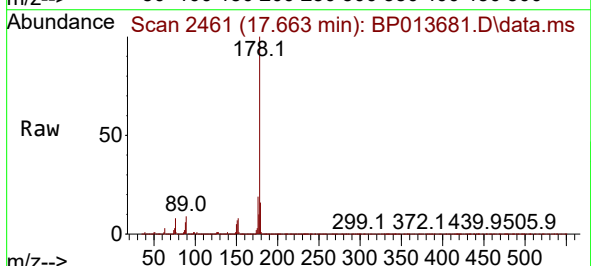
Tgt Ion:178 Resp: 4178595

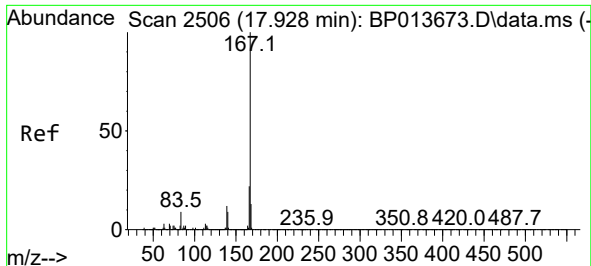
Ion Ratio Lower Upper

178 100

176 18.7 14.7 22.1

179 15.9 12.4 18.6



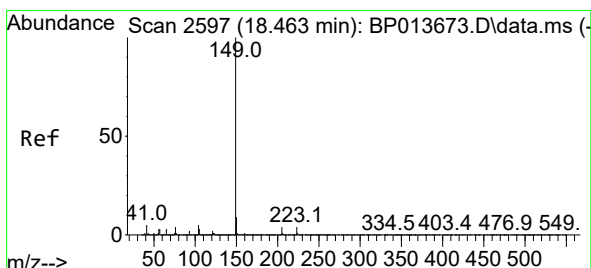
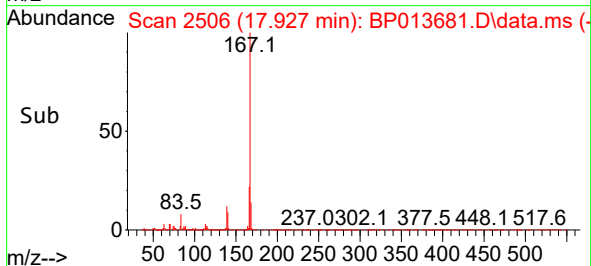
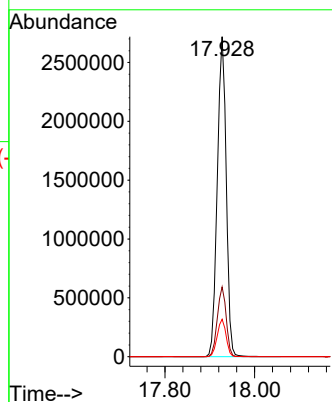
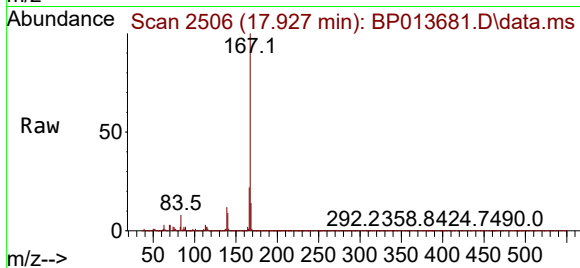


#73  
 Carbazole  
 Concen: 44.310 ng  
 RT: 17.927 min Scan# 2506  
 Delta R.T. -0.000 min  
 Lab File: BP013681.D  
 Acq: 31 Jan 2023 19:21

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB150507BS

Tgt Ion:167 Resp: 3766053  

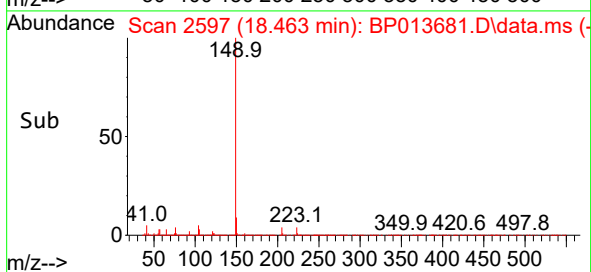
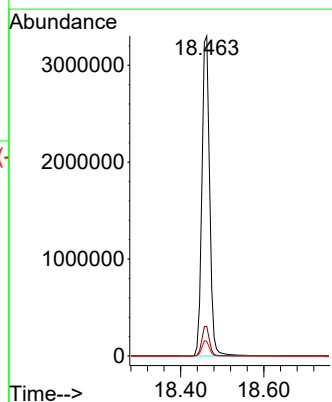
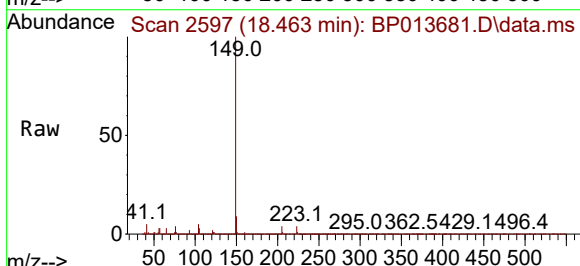
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 21.8  | 17.4  | 26.0  |
| 139 | 11.7  | 9.5   | 14.3  |

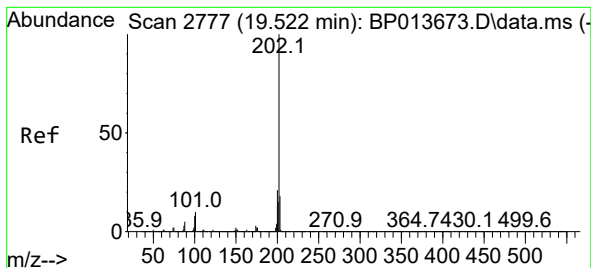


#74  
 Di-n-butylphthalate  
 Concen: 46.031 ng  
 RT: 18.463 min Scan# 2597  
 Delta R.T. -0.000 min  
 Lab File: BP013681.D  
 Acq: 31 Jan 2023 19:21

Tgt Ion:149 Resp: 4281361  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.2   | 7.4   | 11.0  |
| 104 | 4.6   | 3.8   | 5.6   |





#75

Fluoranthene

Concen: 43.140 ng

RT: 19.522 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP013681.D

Acq: 31 Jan 2023 19:21

Instrument :

BNA\_P

ClientSampleId :

PB150507BS

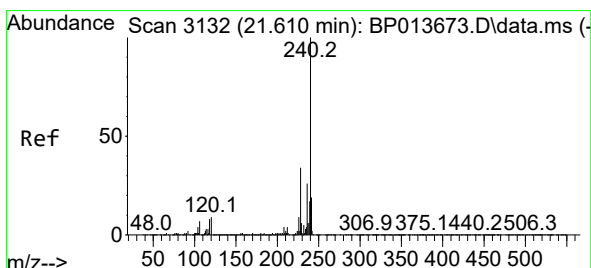
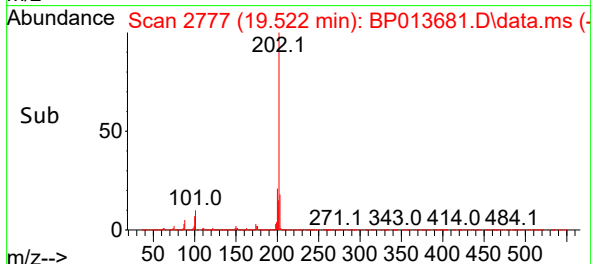
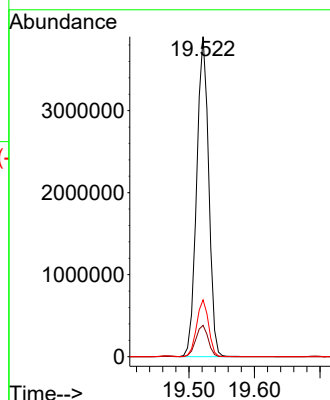
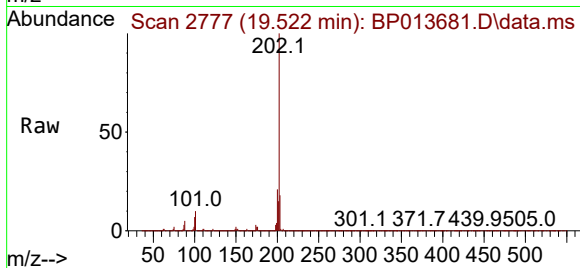
Tgt Ion:202 Resp: 4979515

Ion Ratio Lower Upper

202 100

101 9.8 0.0 30.2

203 17.7 0.0 37.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.610 min Scan# 3132

Delta R.T. -0.000 min

Lab File: BP013681.D

Acq: 31 Jan 2023 19:21

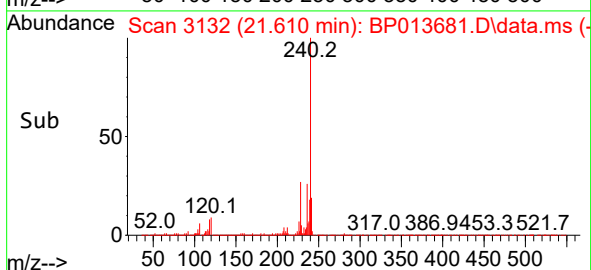
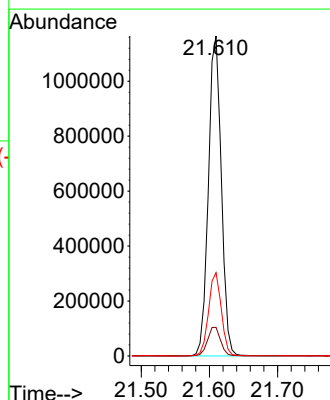
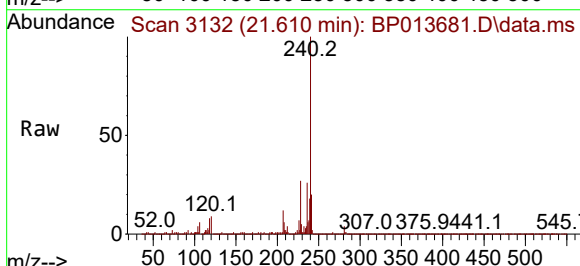
Tgt Ion:240 Resp: 1533445

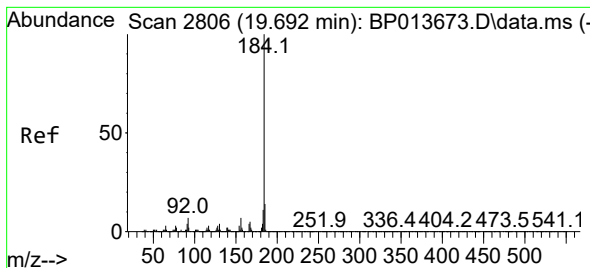
Ion Ratio Lower Upper

240 100

120 9.0 7.4 11.0

236 26.1 20.6 30.8





#77

Benzidine

Concen: 49.456 ng

RT: 19.692 min Scan# 2806

Delta R.T. -0.000 min

Lab File: BP013681.D

Acq: 31 Jan 2023 19:21

Instrument :

BNA\_P

ClientSampleId :

PB150507BS

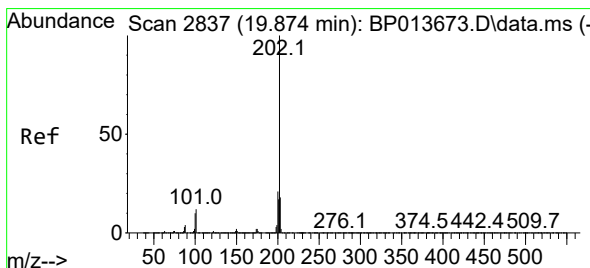
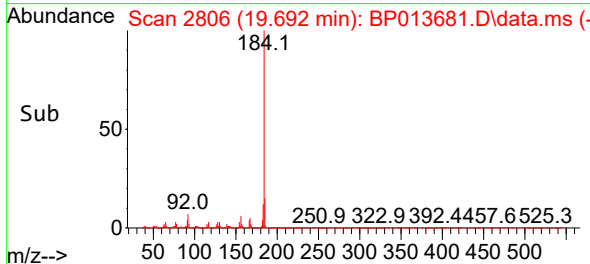
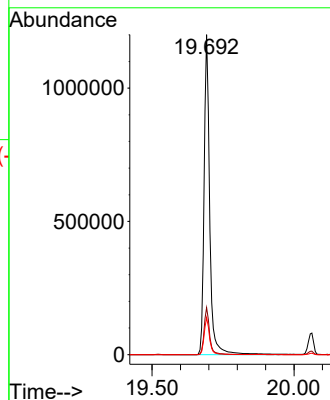
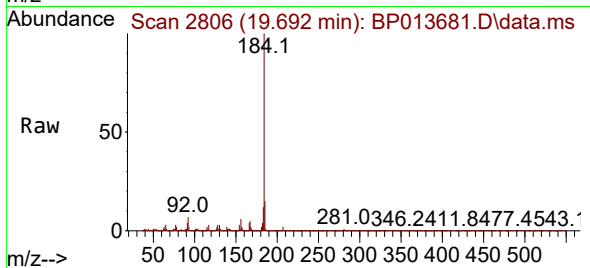
Tgt Ion:184 Resp: 1638078

Ion Ratio Lower Upper

184 100

185 14.7 11.4 17.2

183 11.6 9.2 13.8



#78

Pyrene

Concen: 49.786 ng

RT: 19.874 min Scan# 2837

Delta R.T. -0.000 min

Lab File: BP013681.D

Acq: 31 Jan 2023 19:21

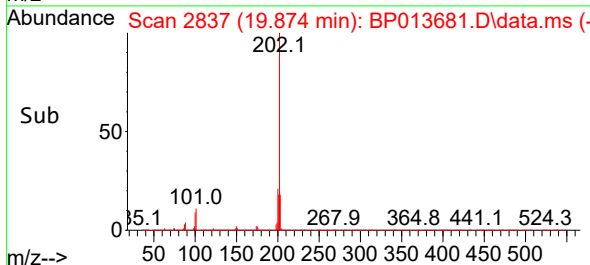
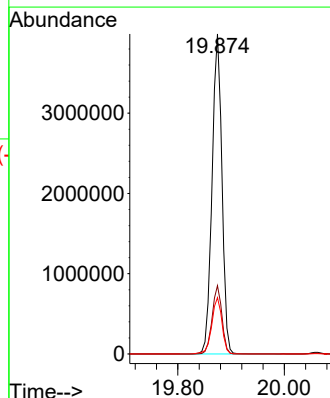
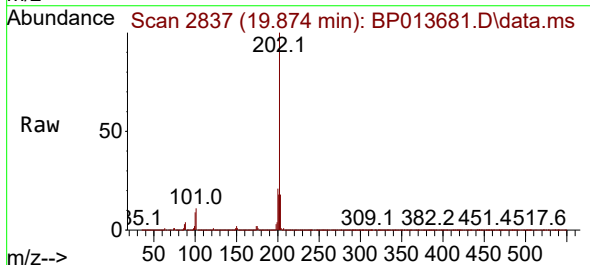
Tgt Ion:202 Resp: 5136240

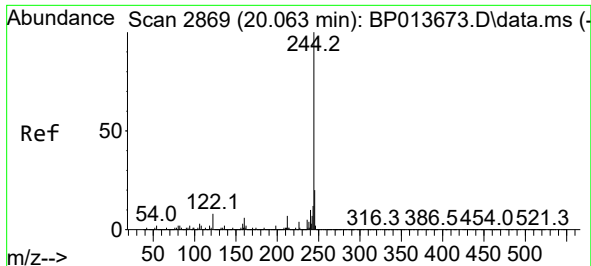
Ion Ratio Lower Upper

202 100

200 21.4 16.9 25.3

203 17.6 14.0 21.0

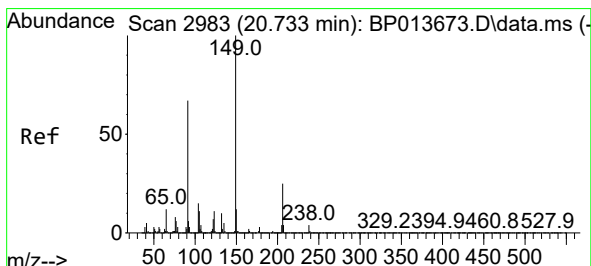
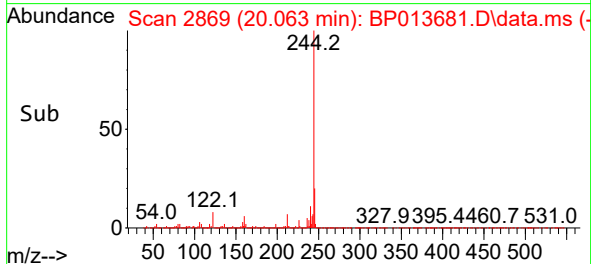
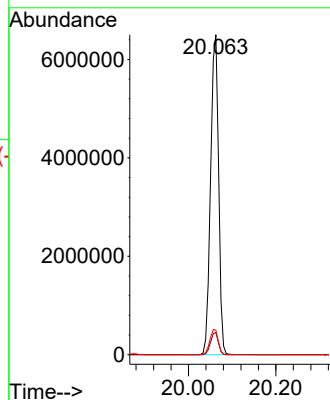
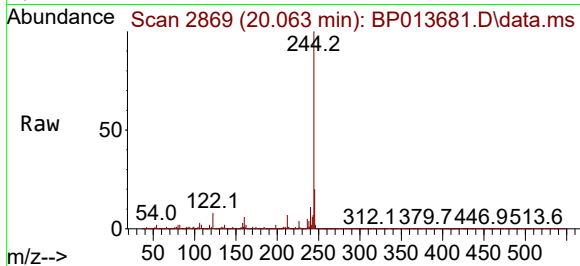




#79  
 Terphenyl-d14  
 Concen: 107.072 ng  
 RT: 20.063 min Scan# 2869  
 Delta R.T. -0.000 min  
 Lab File: BP013681.D  
 Acq: 31 Jan 2023 19:21

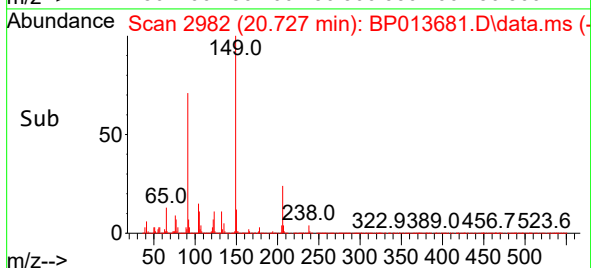
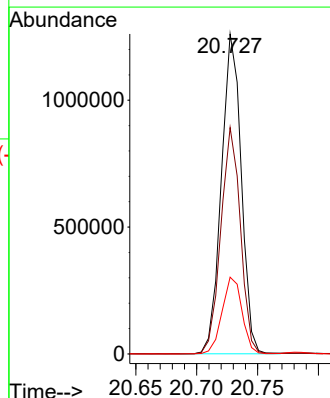
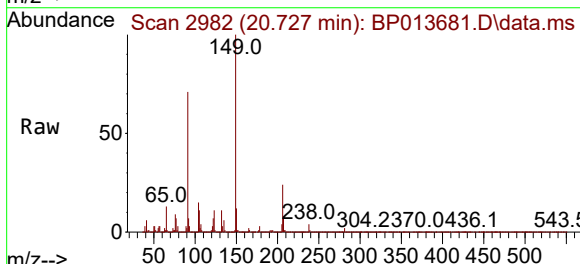
Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB150507BS

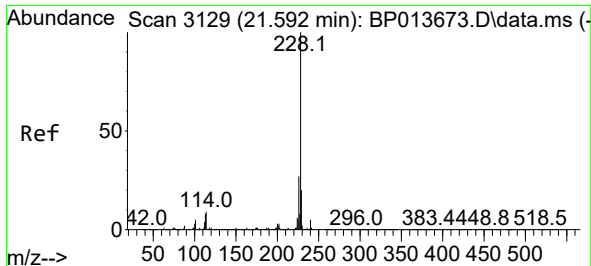
Tgt Ion:244 Resp: 8268334  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 5.5 8.3  
 122 7.6 6.5 9.7



#80  
 Butylbenzylphthalate  
 Concen: 50.816 ng  
 RT: 20.727 min Scan# 2982  
 Delta R.T. -0.006 min  
 Lab File: BP013681.D  
 Acq: 31 Jan 2023 19:21

Tgt Ion:149 Resp: 1431204  
 Ion Ratio Lower Upper  
 149 100  
 91 70.8 54.0 81.0  
 206 24.0 19.8 29.8

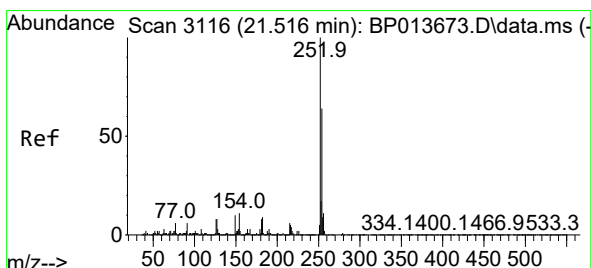
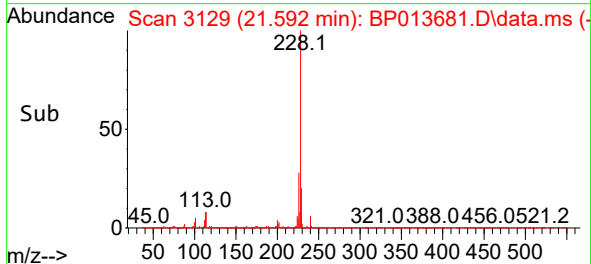
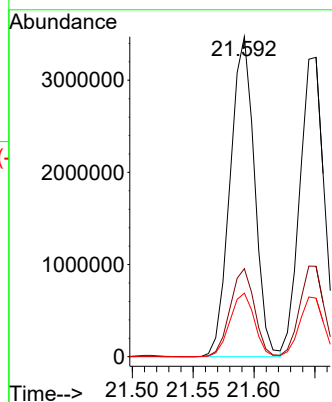
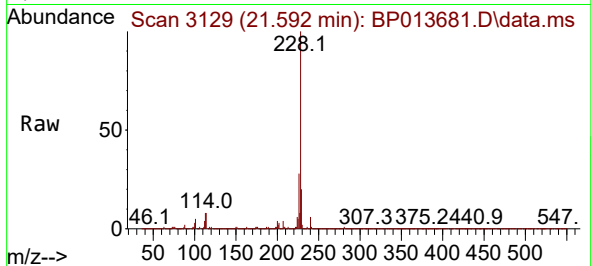




#81  
Benzo(a)anthracene  
Concen: 45.369 ng  
RT: 21.592 min Scan# 3129  
Delta R.T. -0.000 min  
Lab File: BP013681.D  
Acq: 31 Jan 2023 19:21

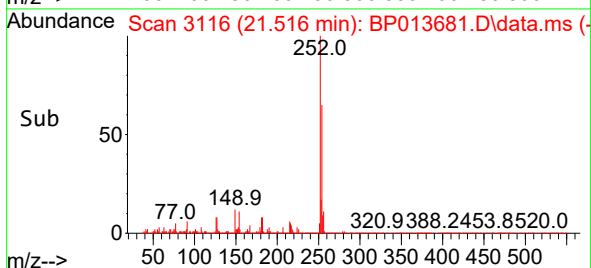
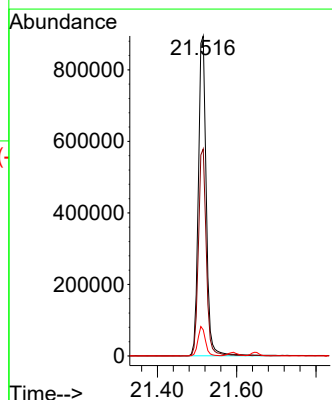
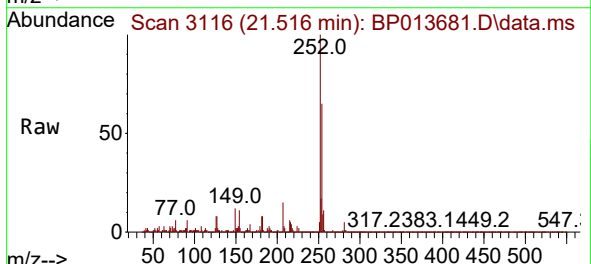
Instrument :  
BNA\_P  
ClientSampleId :  
PB150507BS

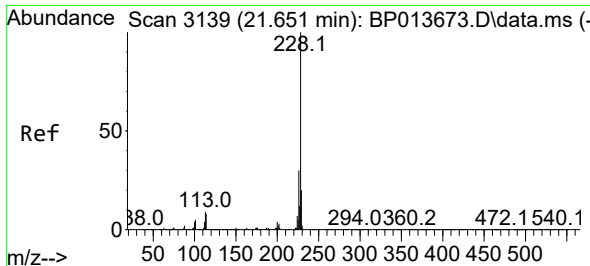
Tgt Ion:228 Resp: 4832344  
Ion Ratio Lower Upper  
228 100  
226 27.5 21.9 32.9  
229 19.9 16.0 24.0



#82  
3,3'-Dichlorobenzidine  
Concen: 36.409 ng  
RT: 21.516 min Scan# 3116  
Delta R.T. -0.000 min  
Lab File: BP013681.D  
Acq: 31 Jan 2023 19:21

Tgt Ion:252 Resp: 1226033  
Ion Ratio Lower Upper  
252 100  
254 64.7 50.9 76.3  
126 8.2 6.7 10.1

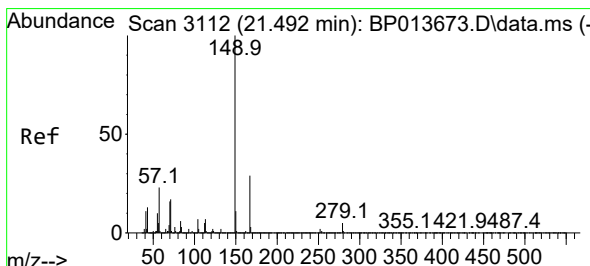
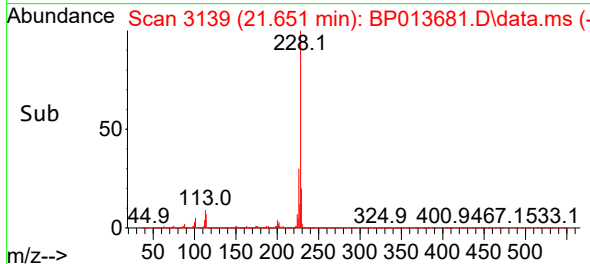
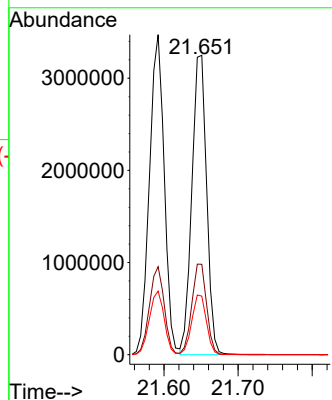
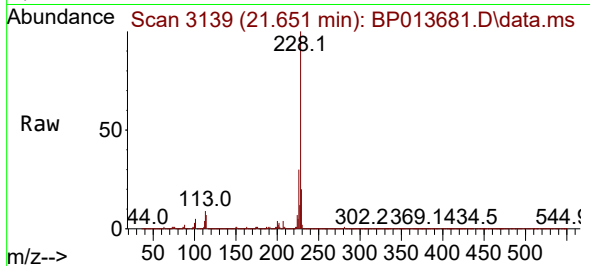




#83  
Chrysene  
Concen: 44.303 ng  
RT: 21.651 min Scan# 3139  
Delta R.T. -0.000 min  
Lab File: BP013681.D  
Acq: 31 Jan 2023 19:21

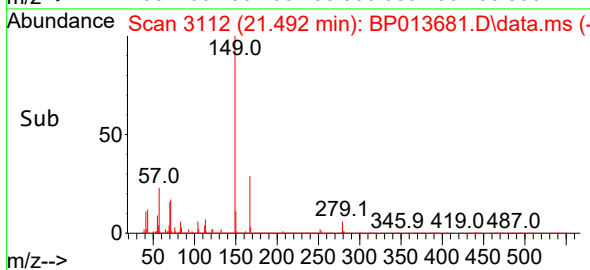
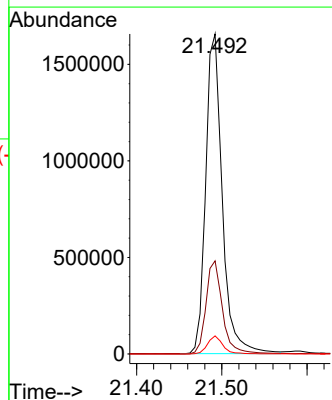
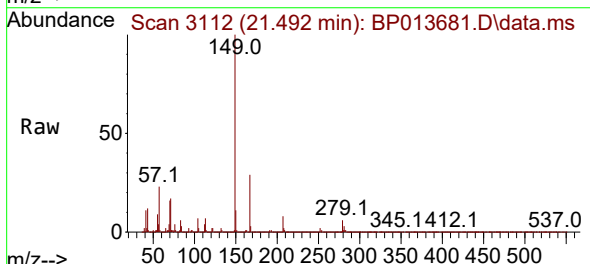
Instrument :  
BNA\_P  
ClientSampleId :  
PB150507BS

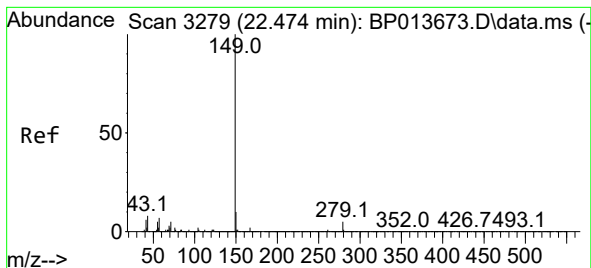
Tgt Ion:228 Resp: 4495800  
Ion Ratio Lower Upper  
228 100  
226 30.2 24.1 36.1  
229 19.6 15.8 23.8



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 46.745 ng  
RT: 21.492 min Scan# 3112  
Delta R.T. -0.000 min  
Lab File: BP013681.D  
Acq: 31 Jan 2023 19:21

Tgt Ion:149 Resp: 2241618  
Ion Ratio Lower Upper  
149 100  
167 29.1 23.0 34.6  
279 5.6 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 42.307 ng

RT: 22.474 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP013681.D

Acq: 31 Jan 2023 19:21

Instrument :

BNA\_P

ClientSampleId :

PB150507BS

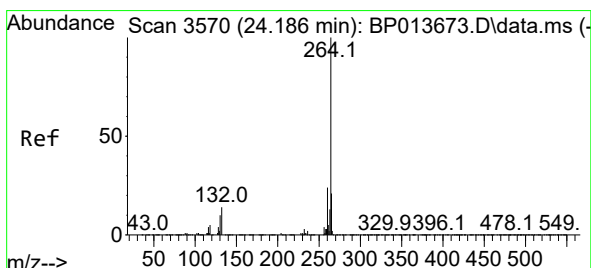
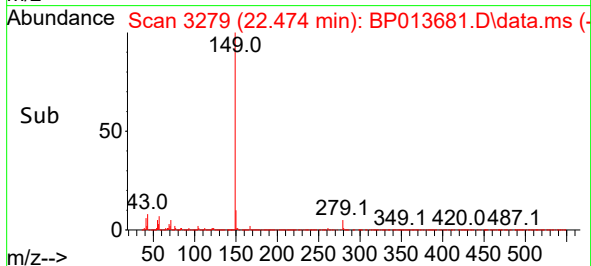
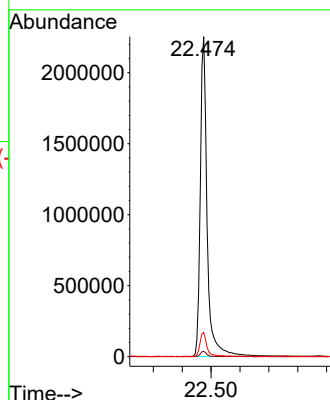
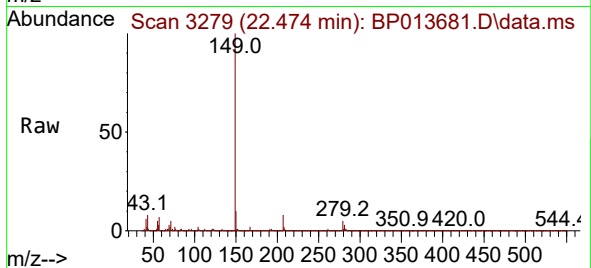
Tgt Ion:149 Resp: 3704739

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.9 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.180 min Scan# 3569

Delta R.T. -0.006 min

Lab File: BP013681.D

Acq: 31 Jan 2023 19:21

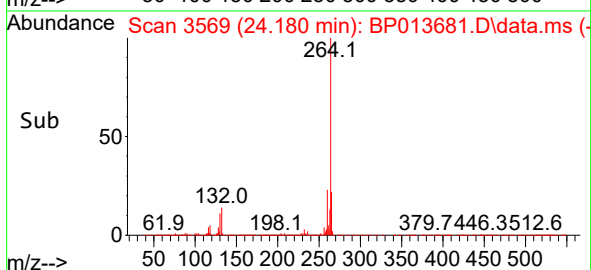
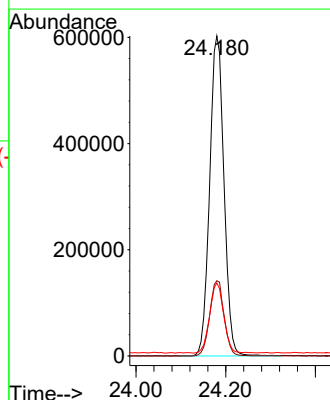
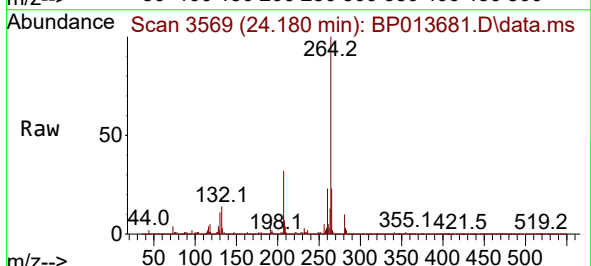
Tgt Ion:264 Resp: 1334148

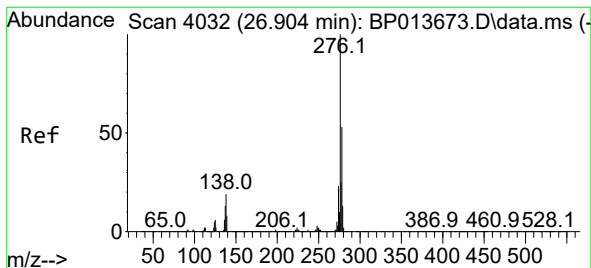
Ion Ratio Lower Upper

264 100

260 23.5 18.8 28.2

265 22.8 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.496 ng

RT: 26.903 min Scan# 4032

Delta R.T. -0.000 min

Lab File: BP013681.D

Acq: 31 Jan 2023 19:21

Instrument :

BNA\_P

ClientSampleId :

PB150507BS

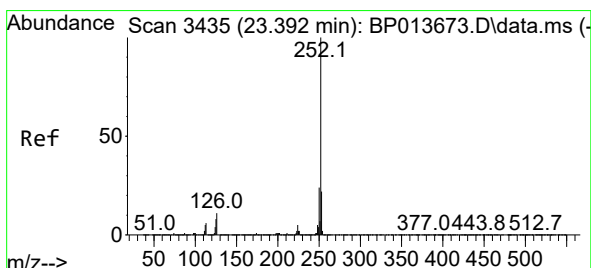
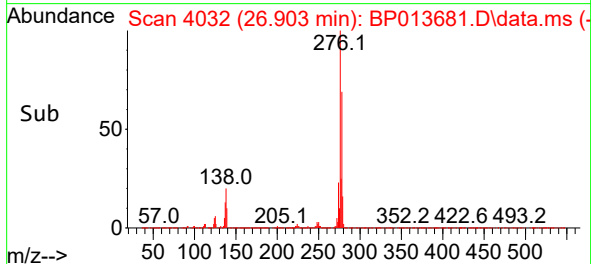
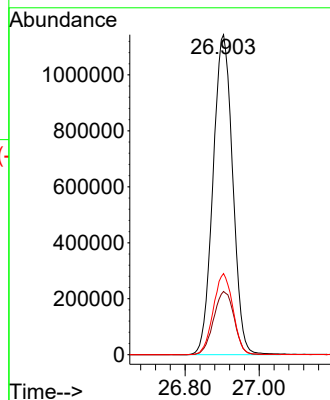
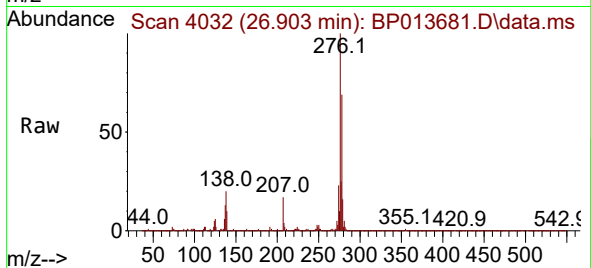
Tgt Ion:276 Resp: 4210370

Ion Ratio Lower Upper

276 100

138 20.7 16.5 24.7

277 25.3 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 54.100 ng

RT: 23.392 min Scan# 3435

Delta R.T. -0.000 min

Lab File: BP013681.D

Acq: 31 Jan 2023 19:21

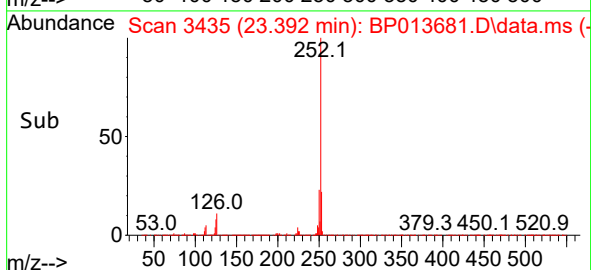
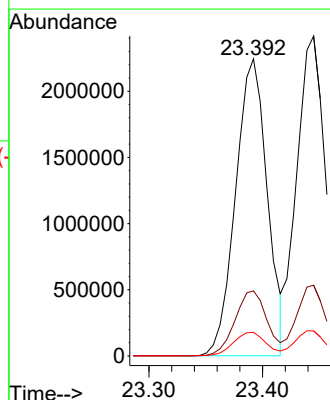
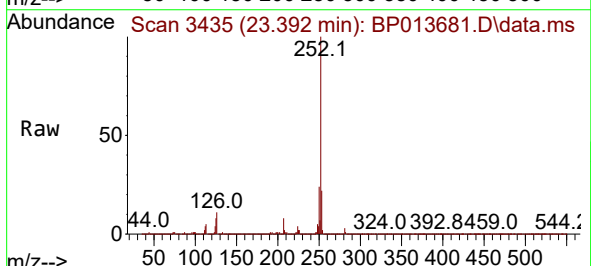
Tgt Ion:252 Resp: 4337991

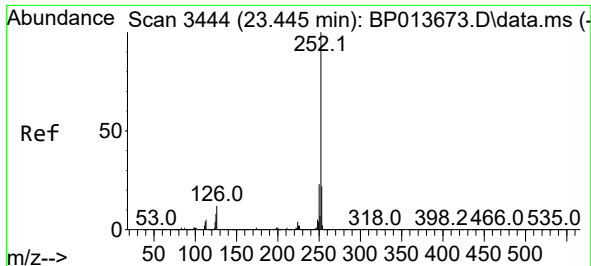
Ion Ratio Lower Upper

252 100

253 21.9 17.9 26.9

125 8.0 6.8 10.2

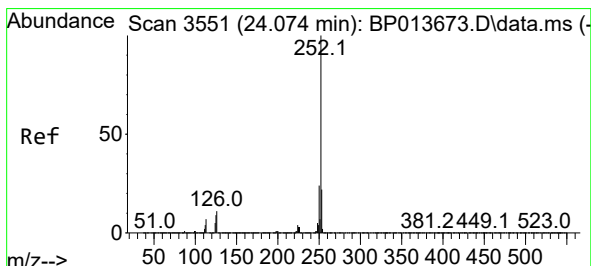
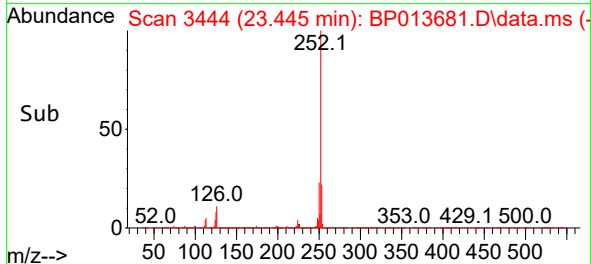
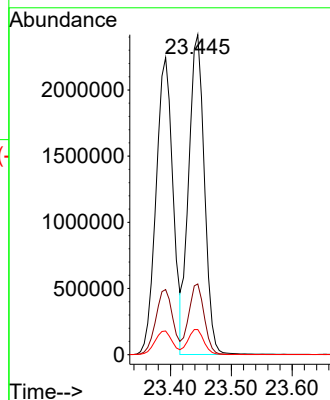
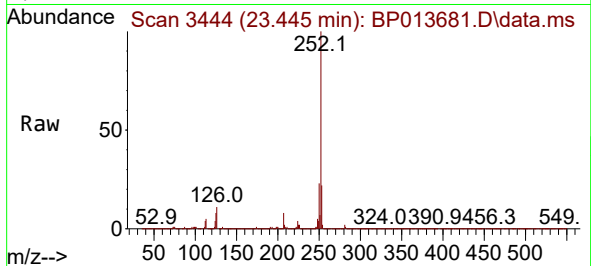




#89  
Benzo(k)fluoranthene  
Concen: 53.677 ng  
RT: 23.445 min Scan# 34  
Delta R.T. -0.000 min  
Lab File: BP013681.D  
Acq: 31 Jan 2023 19:21

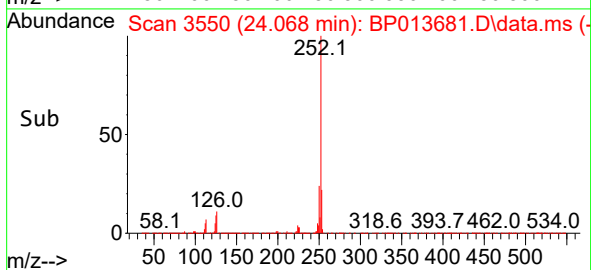
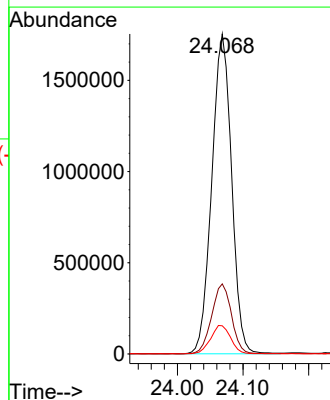
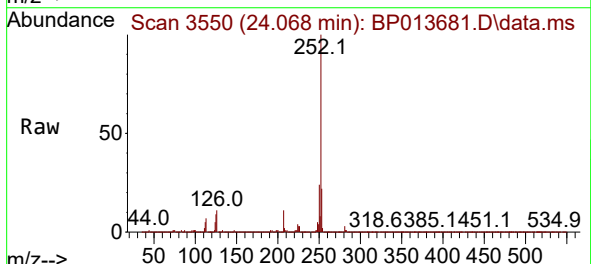
Instrument :  
BNA\_P  
ClientSampleId :  
PB150507BS

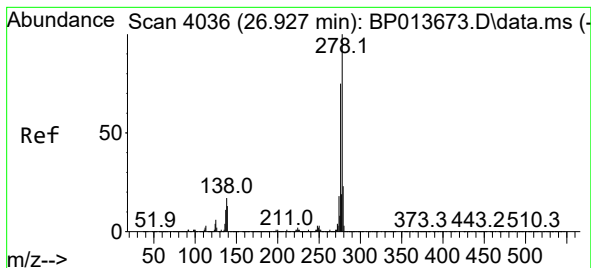
Tgt Ion:252 Resp: 4311058  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.7 26.5  
125 7.9 6.3 9.5



#90  
Benzo(a)pyrene  
Concen: 46.081 ng  
RT: 24.068 min Scan# 3550  
Delta R.T. -0.006 min  
Lab File: BP013681.D  
Acq: 31 Jan 2023 19:21

Tgt Ion:252 Resp: 3667779  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.4 26.2  
125 8.8 7.0 10.4





#91

Dibenzo(a,h)anthracene

Concen: 42.354 ng

RT: 26.921 min Scan# 4036

Delta R.T. -0.006 min

Lab File: BP013681.D

Acq: 31 Jan 2023 19:21

Instrument :

BNA\_P

ClientSampleId :

PB150507BS

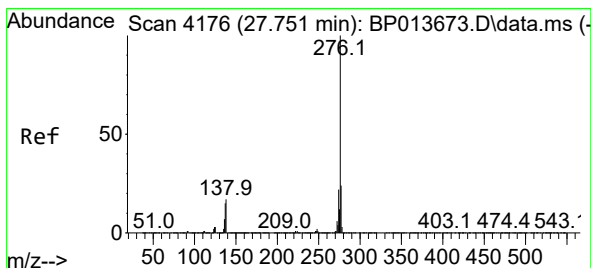
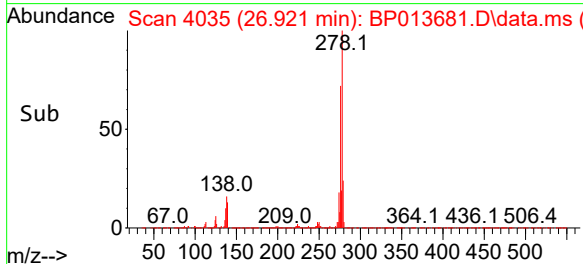
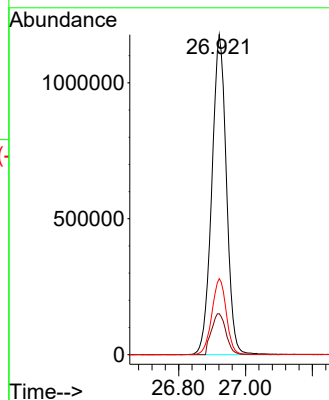
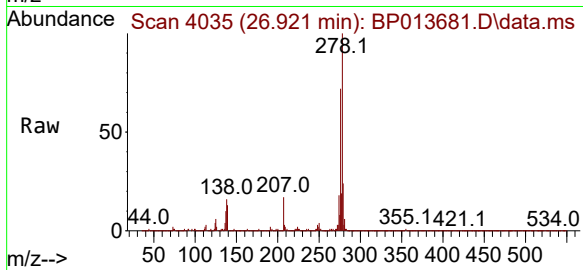
Tgt Ion:278 Resp: 3567081

Ion Ratio Lower Upper

278 100

139 12.8 10.6 16.0

279 23.8 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 40.878 ng

RT: 27.739 min Scan# 4174

Delta R.T. -0.012 min

Lab File: BP013681.D

Acq: 31 Jan 2023 19:21

Tgt Ion:276 Resp: 3419326

Ion Ratio Lower Upper

276 100

277 23.7 19.2 28.8

138 18.0 14.0 21.0

