

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP011623\  
 Data File : BP013484.D  
 Acq On : 16 Jan 2023 16:37  
 Operator : CG/JU  
 Sample : PB150193BL  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB150193BL

Quant Time: Jan 17 03:47:29 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP011223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 13 03:32:57 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| -----                         |        |      |          |         |        |          |
| Internal Standards            |        |      |          |         |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.905  | 152  | 407961   | 20.000  | ng     | 0.00     |
| 21) Naphthalene-d8            | 10.722 | 136  | 1682280  | 20.000  | ng     | 0.00     |
| 39) Acenaphthene-d10          | 14.557 | 164  | 1130452  | 20.000  | ng     | 0.00     |
| 64) Phenanthrene-d10          | 17.316 | 188  | 2658335  | 20.000  | ng     | 0.00     |
| 76) Chrysene-d12              | 21.404 | 240  | 2714259  | 20.000  | ng     | 0.00     |
| 86) Perylene-d12              | 23.868 | 264  | 3181171  | 20.000  | ng     | 0.00     |
| System Monitoring Compounds   |        |      |          |         |        |          |
| 5) 2-Fluorophenol             | 5.463  | 112  | 3751736  | 161.544 | ng     | 0.00     |
| 7) Phenol-d6                  | 7.075  | 99   | 4942210  | 150.548 | ng     | 0.00     |
| 23) Nitrobenzene-d5           | 9.075  | 82   | 2893049  | 91.365  | ng     | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.051 | 330  | 2441446  | 138.358 | ng     | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.175 | 172  | 7271575  | 94.032  | ng     | 0.00     |
| 79) Terphenyl-d14             | 19.869 | 244  | 11995651 | 90.353  | ng     | 0.00     |
| Target Compounds              |        |      |          |         |        |          |
|                               |        |      |          |         | Qvalue |          |
| 2) 1,4-Dioxane                | 3.305  | 88   | 468      | 0.051   | ng     | # 1      |
| 3) Pyridine                   | 3.734  | 79   | 635      | 0.022   | ng     | # 10     |
| 4) n-Nitrosodimethylamine     | 3.669  | 42   | 393      | 0.029   | ng     | # 1      |
| 6) Aniline                    | 7.234  | 93   | 1548     | 0.035   | ng     | # 85     |
| 8) 2-Chlorophenol             | 7.487  | 128  | 746      | 0.028   | ng     | # 75     |
| 9) Benzaldehyde               | 7.022  | 77   | 264      | 0.013   | ng     | # 35     |
| 10) Phenol                    | 7.075  | 94   | 1044     | 0.031   | ng     | # 1      |
| 11) bis(2-Chloroethyl)ether   | 7.340  | 93   | 765      | 0.028   | ng     | # 66     |
| 12) 1,3-Dichlorobenzene       | 7.781  | 146  | 470      | 0.017   | ng     | # 79     |
| 13) 1,4-Dichlorobenzene       | 7.940  | 146  | 647      | 0.022   | ng     | # 52     |
| 14) 1,2-Dichlorobenzene       | 8.252  | 146  | 416      | 0.015   | ng     | # 61     |
| 15) Benzyl Alcohol            | 8.157  | 79   | 1280     | 0.051   | ng     | # 65     |
| 16) 2,2'-oxybis(1-Chloropr... | 8.452  | 45   | 842      | 0.020   | ng     | # 1      |
| 17) 2-Methylphenol            | 8.352  | 107  | 602      | 0.024   | ng     | # 8      |
| 18) Hexachloroethane          | 8.987  | 117  | 269      | 0.026   | ng     | # 35     |
| 19) n-Nitroso-di-n-propyla... | 8.740  | 70   | 438      | 0.019   | ng     | # 13     |
| 20) 3+4-Methylphenols         | 8.675  | 107  | 643      | 0.018   | ng     | # 13     |
| 22) Acetophenone              | 8.740  | 105  | 1203     | 0.028   | ng     | # 1      |
| 24) Nitrobenzene              | 9.075  | 77   | 10263    | 0.313   | ng     | # 41     |
| 25) Isophorone                | 9.646  | 82   | 1152     | 0.018   | ng     | # 55     |
| 26) 2-Nitrophenol             | 9.846  | 139  | 291      | 0.018   | ng     | # 1      |
| 27) 2,4-Dimethylphenol        | 9.916  | 122  | 367      | 0.014   | ng     | # 86     |
| 28) bis(2-Chloroethoxy)met... | 10.110 | 93   | 179      | 0.005   | ng     | # 87     |
| 29) 2,4-Dichlorophenol        | 10.381 | 162  | 146      | 0.005   | ng     | # 78     |
| 30) 1,2,4-Trichlorobenzene    | 10.581 | 180  | 491      | 0.017   | ng     | # 63     |
| 31) Naphthalene               | 10.781 | 128  | 1205     | 0.014   | ng     | # 55     |
| 32) Benzoic acid              | 10.057 | 122  | 119      | 0.005   | ng     | # 62     |
| 33) 4-Chloroaniline           | 10.875 | 127  | 130      | 0.003   | ng     | # 1      |
| 34) Hexachlorobutadiene       | 11.093 | 225  | 17       | 0.001   | ng     | # 85     |
| 35) Caprolactam               | 11.704 | 113  | 49       | 0.005   | ng     | # 1      |
| 36) 4-Chloro-3-methylphenol   | 12.022 | 107  | 570      | 0.019   | ng     | # 68     |
| 37) 2-Methylnaphthalene       | 12.387 | 142  | 1120     | 0.017   | ng     | # 71     |
| 38) 1-Methylnaphthalene       | 12.610 | 142  | 1004     | 0.016   | ng     | # 82     |
| 40) 1,2,4,5-Tetrachloroben... | 12.745 | 216  | 652      | 0.018   | ng     | # 83     |
| 41) Hexachlorocyclopentadiene | 12.710 | 237  | 46       | 0.002   | ng     | # 95     |
| 43) 2,4,6-Trichlorophenol     | 13.010 | 196  | 452      | 0.018   | ng     | # 58     |

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 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

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 ClientSampleId :  
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Quant Time: Jan 17 03:47:29 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP011223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 13 03:32:57 2023  
 Response via : Initial Calibration

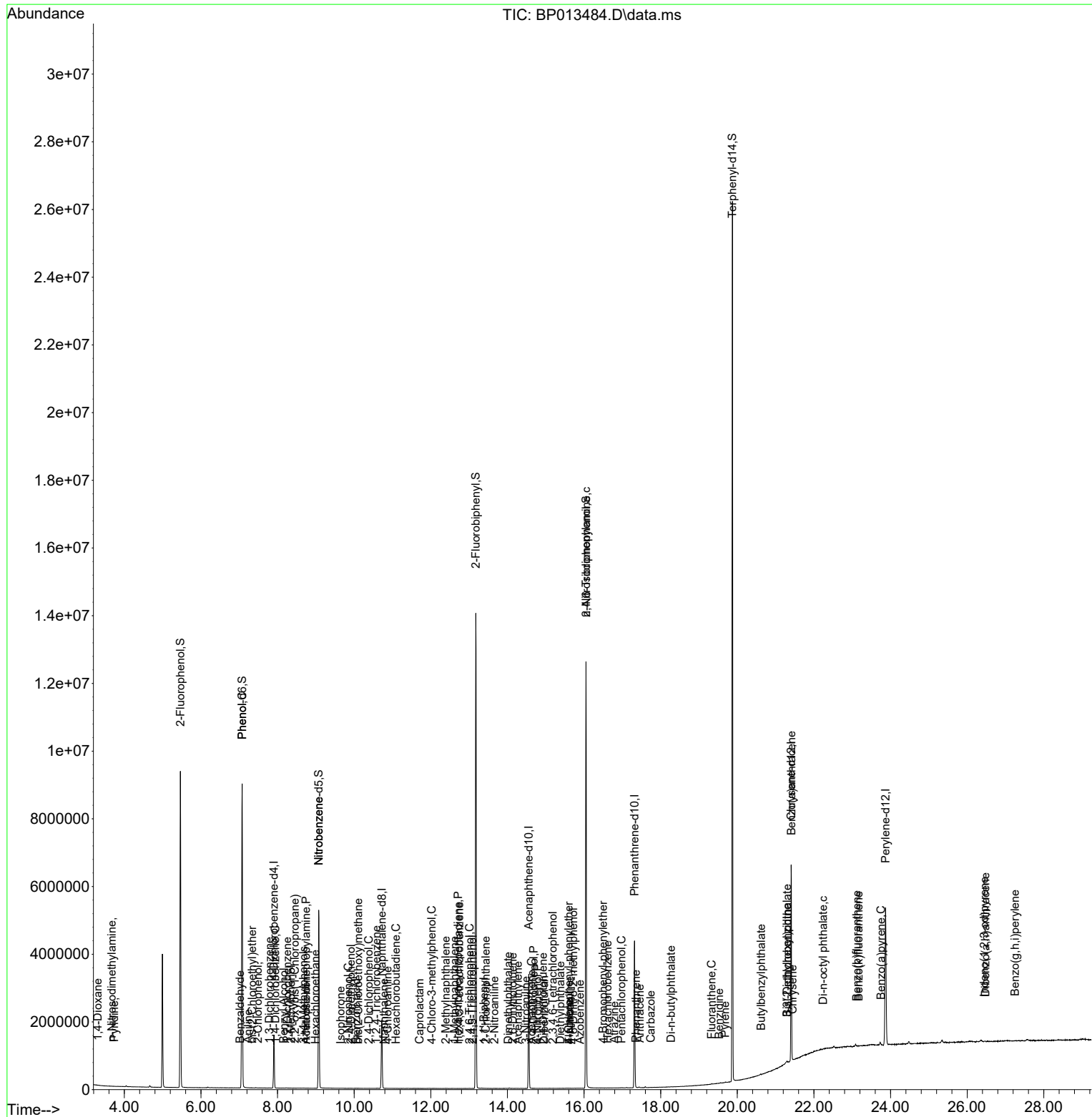
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.087 | 196  | 696      | 0.023 | ng    | # 57     |
| 46) 1,1'-Biphenyl             | 13.387 | 154  | 1619     | 0.019 | ng    | # 81     |
| 47) 2-Chloronaphthalene       | 13.434 | 162  | 913      | 0.014 | ng    | # 88     |
| 48) 2-Nitroaniline            | 13.657 | 65   | 248      | 0.011 | ng    | # 35     |
| 49) Acenaphthylene            | 14.275 | 152  | 1607     | 0.015 | ng    | # 87     |
| 50) Dimethylphthalate         | 14.022 | 163  | 1746     | 0.019 | ng    | # 90     |
| 51) 2,6-Dinitrotoluene        | 14.139 | 165  | 231      | 0.012 | ng    | # 90     |
| 52) Acenaphthene              | 14.628 | 154  | 1016     | 0.016 | ng    | # 55     |
| 53) 3-Nitroaniline            | 14.481 | 138  | 43       | 0.002 | ng    | # 1      |
| 54) 2,4-Dinitrophenol         | 14.687 | 184  | 24       | 0.002 | ng    | # 1      |
| 55) Dibenzofuran              | 14.963 | 168  | 1556     | 0.015 | ng    | # 87     |
| 56) 4-Nitrophenol             | 14.787 | 139  | 32       | 0.002 | ng    | # 1      |
| 57) 2,4-Dinitrotoluene        | 14.928 | 165  | 407      | 0.015 | ng    | # 46     |
| 58) Fluorene                  | 15.610 | 166  | 1639     | 0.020 | ng    | # 95     |
| 59) 2,3,4,6-Tetrachlorophenol | 15.187 | 232  | 627      | 0.024 | ng    | # 33     |
| 60) Diethylphthalate          | 15.381 | 149  | 1419     | 0.016 | ng    | # 87     |
| 61) 4-Chlorophenyl-phenyle... | 15.598 | 204  | 757      | 0.017 | ng    | # 78     |
| 62) 4-Nitroaniline            | 15.634 | 138  | 21       | 0.001 | ng    | # 1      |
| 63) Azobenzene                | 15.892 | 77   | 1047     | 0.013 | ng    | # 62     |
| 65) 4,6-Dinitro-2-methylph... | 15.722 | 198  | 94       | 0.005 | ng    | # 1      |
| 66) n-Nitrosodiphenylamine    | 16.051 | 169  | 66520    | 0.852 | ng    | # 43     |
| 67) 4-Bromophenyl-phenylether | 16.498 | 248  | 421      | 0.014 | ng    | # 46     |
| 68) Hexachlorobenzene         | 16.616 | 284  | 969      | 0.029 | ng    | # 57     |
| 69) Atrazine                  | 16.786 | 200  | 455      | 0.016 | ng    | # 89     |
| 70) Pentachlorophenol         | 16.975 | 266  | 1130     | 0.046 | ng    | # 56     |
| 71) Phenanthrene              | 17.357 | 178  | 2401     | 0.017 | ng    | # 76     |
| 72) Anthracene                | 17.457 | 178  | 1991     | 0.014 | ng    | # 78     |
| 73) Carbazole                 | 17.739 | 167  | 1812     | 0.014 | ng    | # 93     |
| 74) Di-n-butylphthalate       | 18.269 | 149  | 3241     | 0.021 | ng    | # 90     |
| 75) Fluoranthene              | 19.327 | 202  | 2960     | 0.018 | ng    | # 83     |
| 77) Benzidine                 | 19.527 | 184  | 1715     | 0.021 | ng    | # 94     |
| 78) Pyrene                    | 19.680 | 202  | 2920     | 0.016 | ng    | # 84     |
| 80) Butylbenzylphthalate      | 20.622 | 149  | 445      | 0.006 | ng    | # 97     |
| 81) Benzo(a)anthracene        | 21.410 | 228  | 10539    | 0.058 | ng    | # 64     |
| 82) 3,3'-Dichlorobenzidine    | 21.304 | 252  | 174      | 0.003 | ng    | # 61     |
| 83) Chrysene                  | 21.439 | 228  | 3416     | 0.020 | ng    | # 80     |
| 84) Bis(2-ethylhexyl)phtha... | 21.304 | 149  | 4615     | 0.041 | ng    | # 84     |
| 85) Di-n-octyl phthalate      | 22.239 | 149  | 3310     | 0.017 | ng    | # 60     |
| 87) Indeno(1,2,3-cd)pyrene    | 26.445 | 276  | 560      | 0.002 | ng    | # 1      |
| 88) Benzo(b)fluoranthene      | 23.115 | 252  | 4619     | 0.024 | ng    | # 1      |
| 89) Benzo(k)fluoranthene      | 23.163 | 252  | 3662     | 0.020 | ng    | # 1      |
| 90) Benzo(a)pyrene            | 23.751 | 252  | 4548     | 0.025 | ng    | # 1      |
| 91) Dibenzo(a,h)anthracene    | 26.474 | 278  | 3870     | 0.020 | ng    | # 1      |
| 92) Benzo(g,h,i)perylene      | 27.245 | 276  | 3468     | 0.018 | ng    | # 50     |

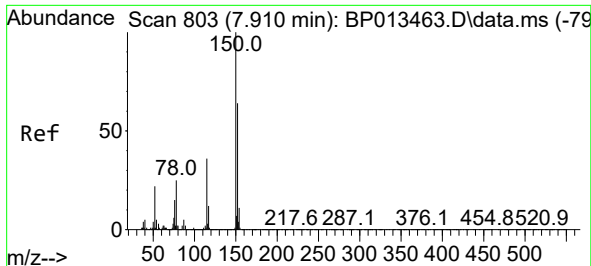
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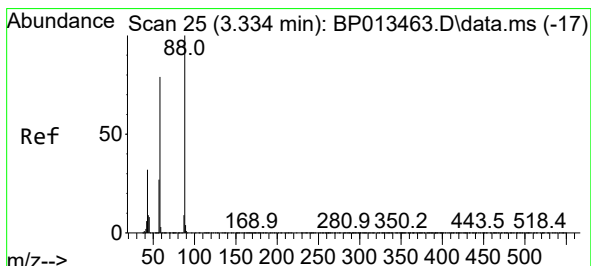
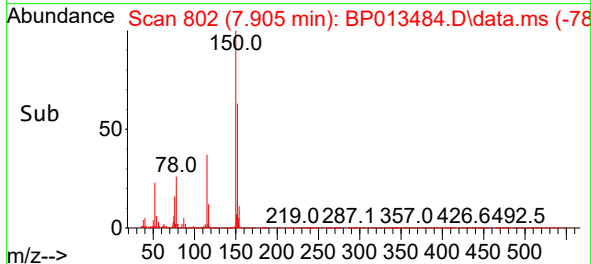
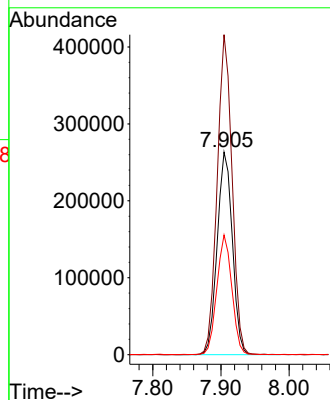
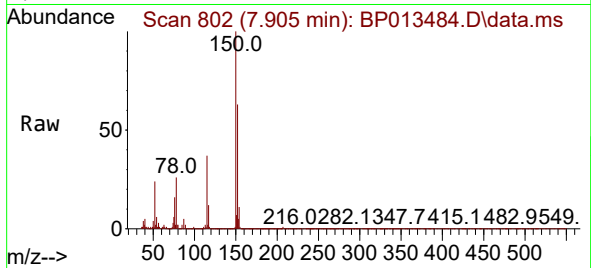




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.905 min Scan# 80  
Delta R.T. -0.005 min  
Lab File: BP013484.D  
Acq: 16 Jan 2023 16:37

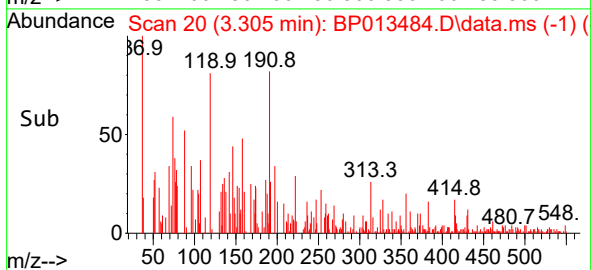
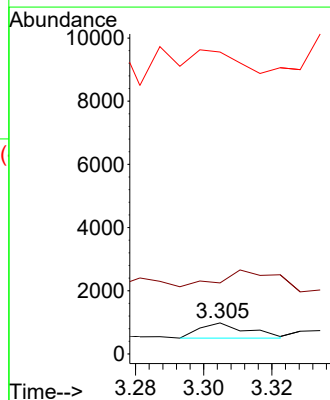
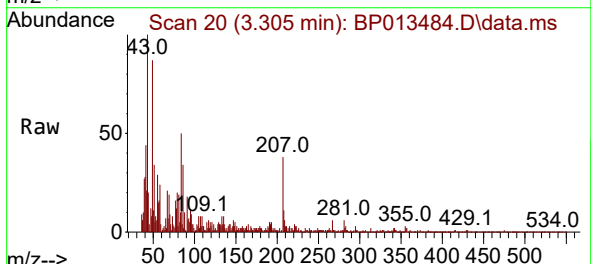
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BNA\_P  
ClientSampleId :  
PB150193BL

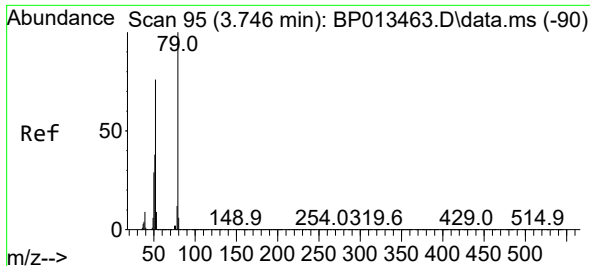
Tgt Ion:152 Resp: 407961  
Ion Ratio Lower Upper  
152 100  
150 158.0 125.7 188.5  
115 59.1 45.8 68.8



#2  
1,4-Dioxane  
Concen: 0.051 ng  
RT: 3.305 min Scan# 20  
Delta R.T. -0.029 min  
Lab File: BP013484.D  
Acq: 16 Jan 2023 16:37

Tgt Ion: 88 Resp: 468  
Ion Ratio Lower Upper  
88 100  
58 181.0 63.4 95.0#  
43 0.0 26.2 39.4#

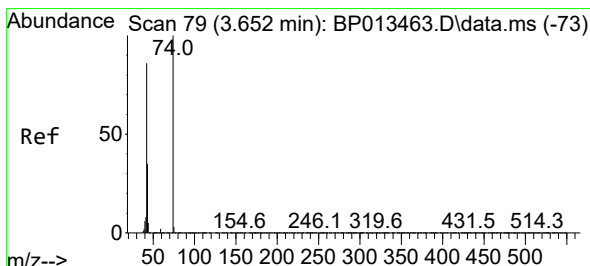
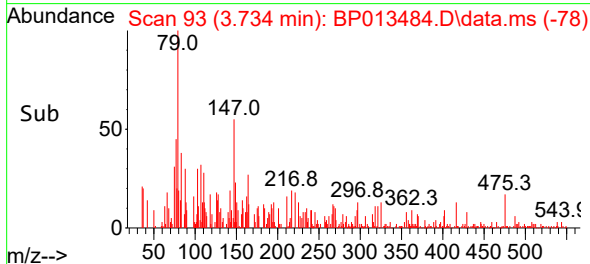
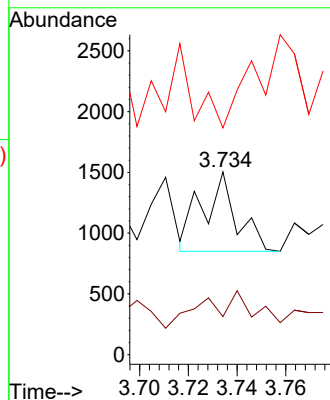
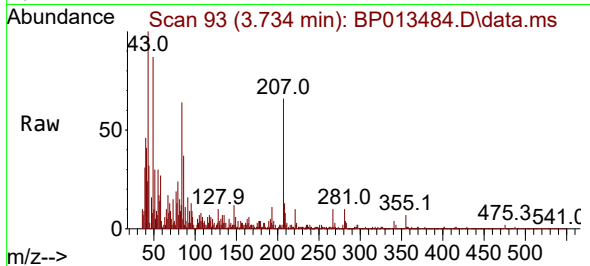




#3  
 Pyridine  
 Concen: 0.022 ng  
 RT: 3.734 min Scan# 91  
 Delta R.T. -0.012 min  
 Lab File: BP013484.D  
 Acq: 16 Jan 2023 16:37

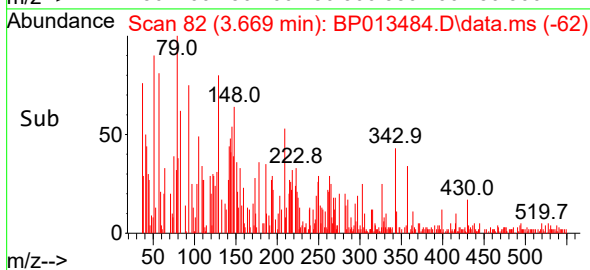
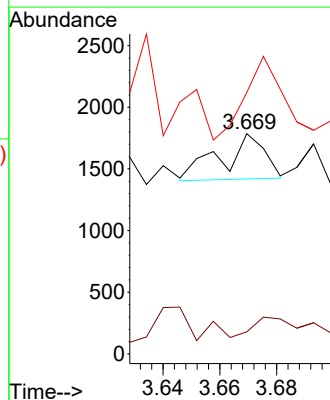
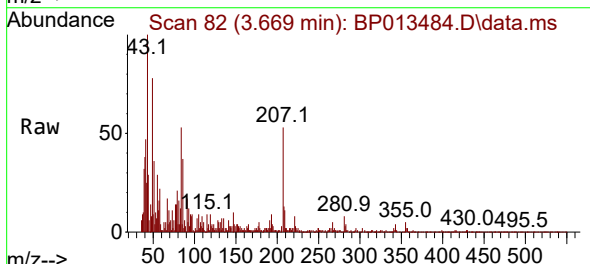
Instrument :  
 BNA\_P  
 ClientSampleId :  
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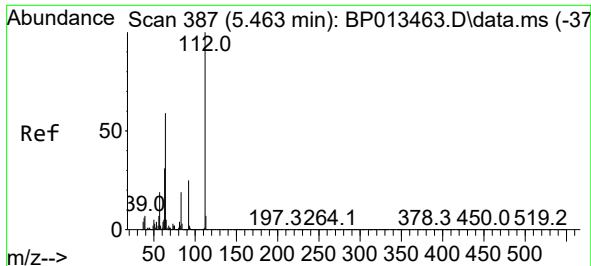
Tgt Ion: 79 Resp: 635  
 Ion Ratio Lower Upper  
 79 100  
 52 20.8 60.6 91.0#  
 51 124.1 31.0 46.4#



#4  
 n-Nitrosodimethylamine  
 Concen: 0.029 ng  
 RT: 3.669 min Scan# 82  
 Delta R.T. 0.018 min  
 Lab File: BP013484.D  
 Acq: 16 Jan 2023 16:37

Tgt Ion: 42 Resp: 393  
 Ion Ratio Lower Upper  
 42 100  
 74 10.0 93.3 139.9#  
 44 118.6 5.1 7.7#

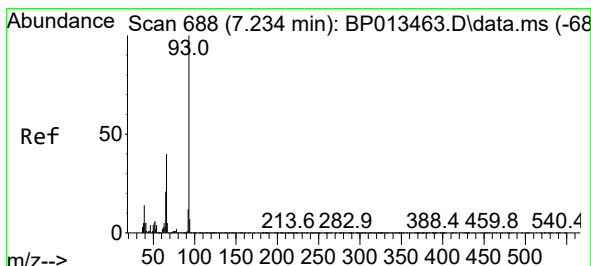
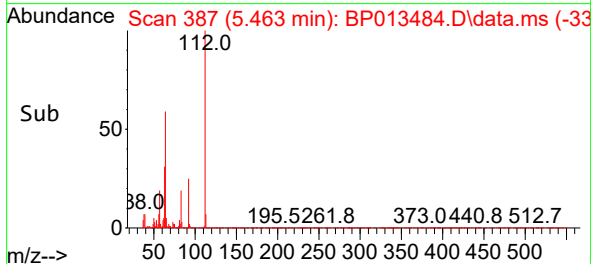
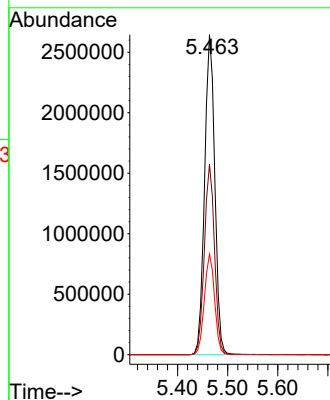
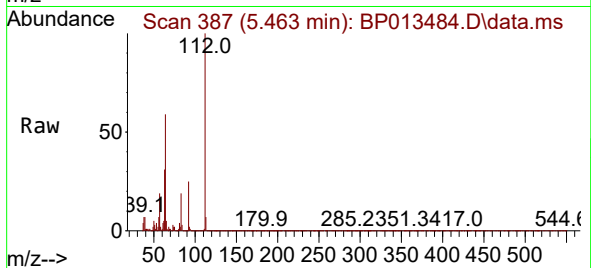




#5  
2-Fluorophenol  
Concen: 161.544 ng  
RT: 5.463 min Scan# 387  
Delta R.T. 0.000 min  
Lab File: BP013484.D  
Acq: 16 Jan 2023 16:37

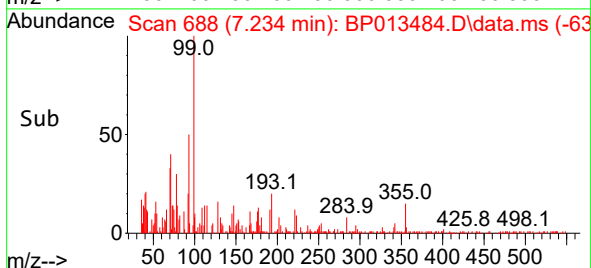
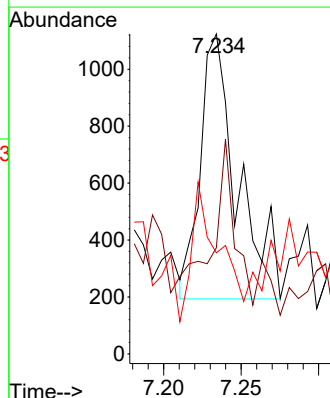
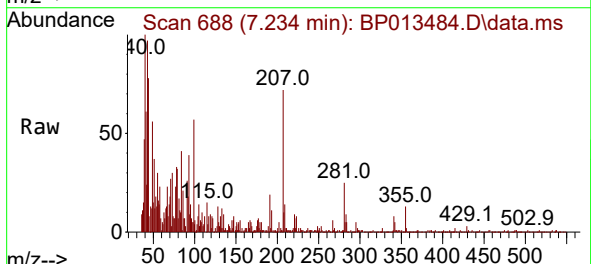
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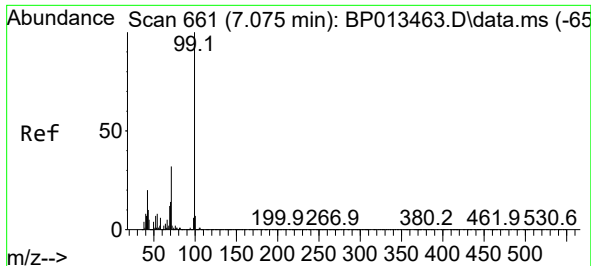
Tgt Ion:112 Resp: 3751736  
Ion Ratio Lower Upper  
112 100  
64 59.5 47.5 71.3  
63 31.4 25.0 37.4



#6  
Aniline  
Concen: 0.035 ng  
RT: 7.234 min Scan# 688  
Delta R.T. 0.000 min  
Lab File: BP013484.D  
Acq: 16 Jan 2023 16:37

Tgt Ion: 93 Resp: 1548  
Ion Ratio Lower Upper  
93 100  
66 33.2 31.9 47.9  
65 31.6 16.6 25.0#

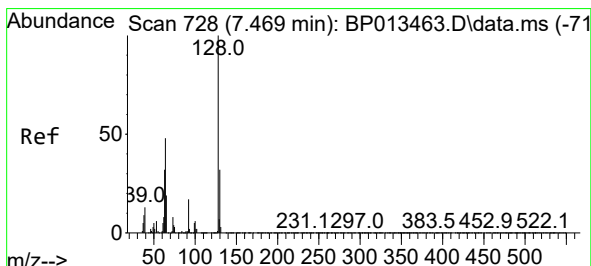
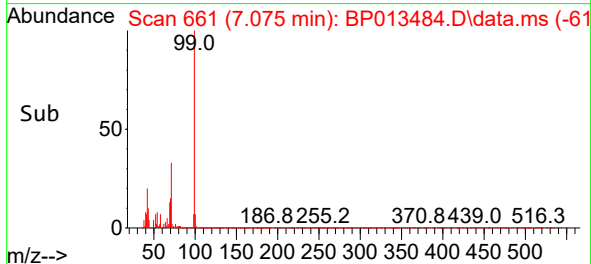
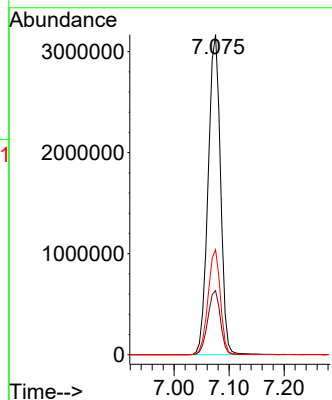
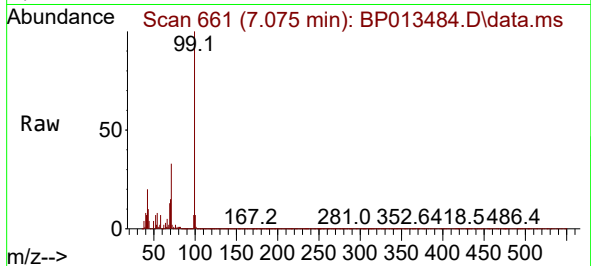




#7  
Phenol-d6  
Concen: 150.548 ng  
RT: 7.075 min Scan# 661  
Delta R.T. 0.000 min  
Lab File: BP013484.D  
Acq: 16 Jan 2023 16:37

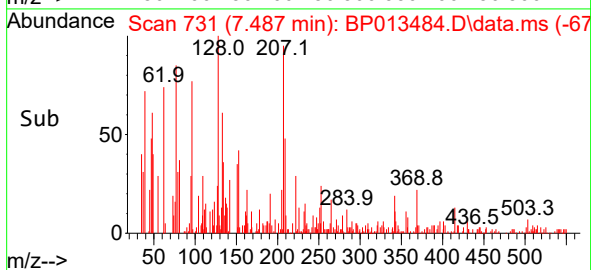
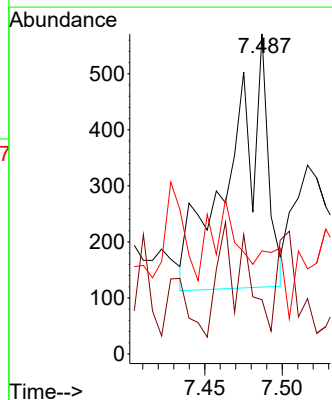
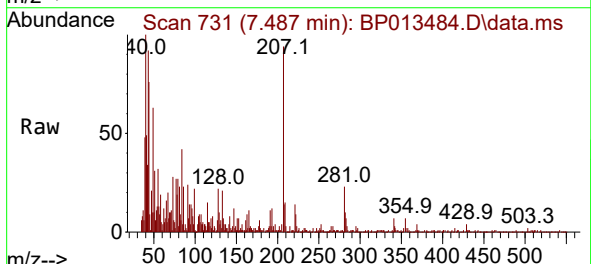
Instrument :  
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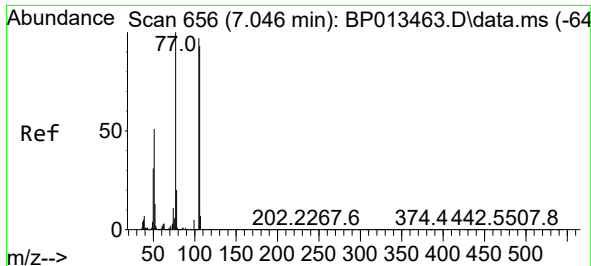
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Ion Ratio Lower Upper  
99 100  
42 20.0 15.8 23.6  
71 32.8 25.6 38.4



#8  
2-Chlorophenol  
Concen: 0.028 ng  
RT: 7.487 min Scan# 731  
Delta R.T. 0.018 min  
Lab File: BP013484.D  
Acq: 16 Jan 2023 16:37

Tgt Ion: 128 Resp: 746  
Ion Ratio Lower Upper  
128 100  
130 17.0 11.7 51.7  
64 32.2 28.6 68.6

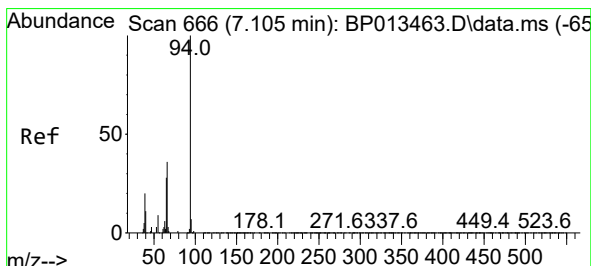
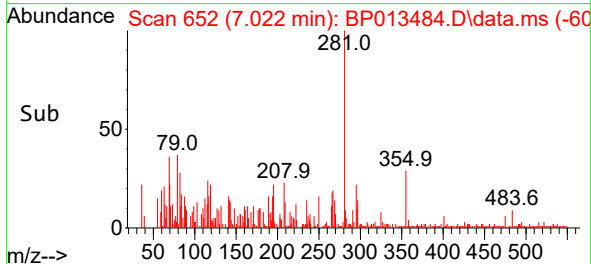
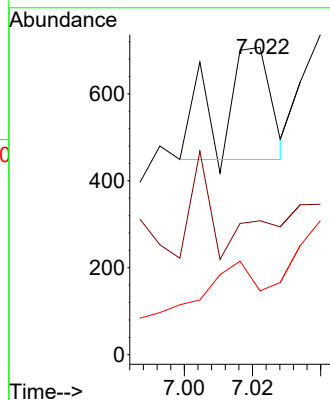
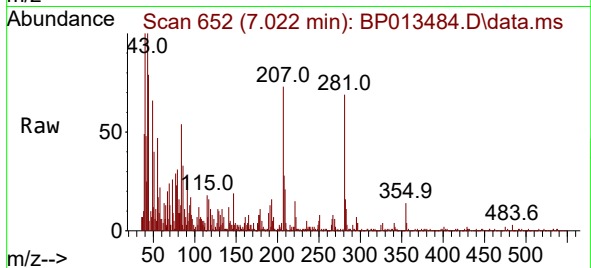




#9  
Benzaldehyde  
Concen: 0.013 ng  
RT: 7.022 min Scan# 610  
Delta R.T. -0.024 min  
Lab File: BP013484.D  
Acq: 16 Jan 2023 16:37

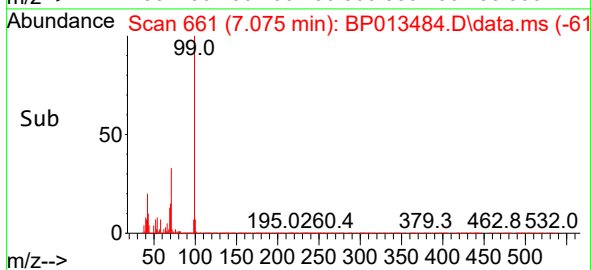
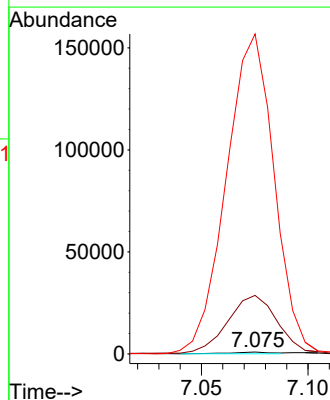
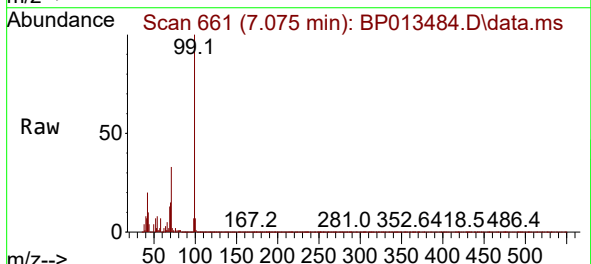
Instrument :  
BNA\_P  
ClientSampleId :  
PB150193BL

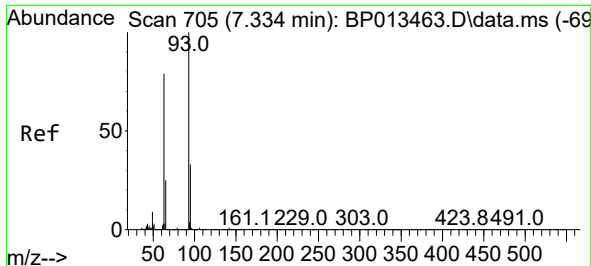
Tgt Ion: 77 Resp: 264  
Ion Ratio Lower Upper  
77 100  
105 43.6 77.3 117.3#  
106 20.8 73.1 113.1#



#10  
Phenol  
Concen: 0.031 ng  
RT: 7.075 min Scan# 661  
Delta R.T. -0.029 min  
Lab File: BP013484.D  
Acq: 16 Jan 2023 16:37

Tgt Ion: 94 Resp: 1044  
Ion Ratio Lower Upper  
94 100  
65 3023.8 8.3 48.3#  
66 16522.7 16.6 56.6#

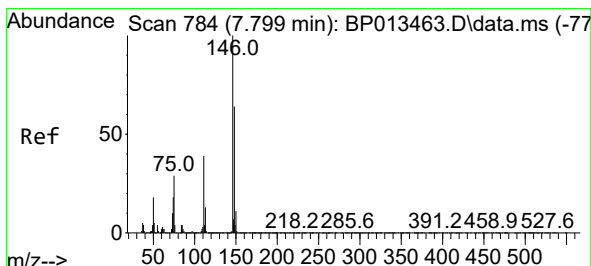
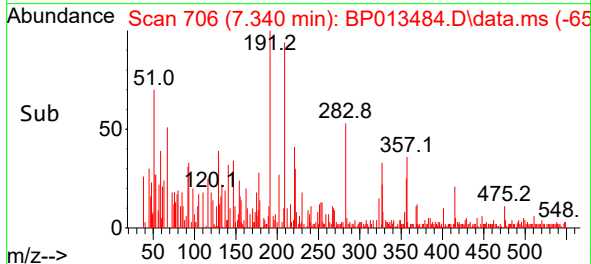
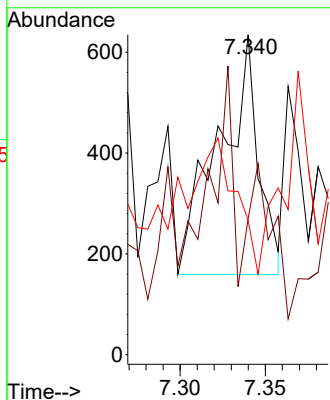
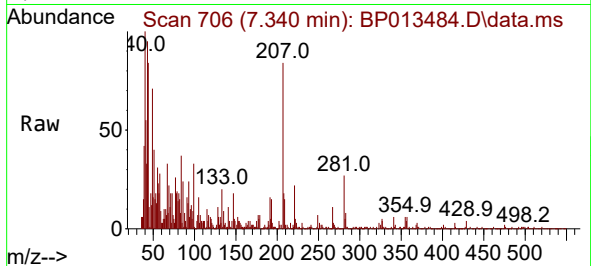




#11  
bis(2-Chloroethyl)ether  
Concen: 0.028 ng  
RT: 7.340 min Scan# 705  
Delta R.T. 0.006 min  
Lab File: BP013484.D  
Acq: 16 Jan 2023 16:37

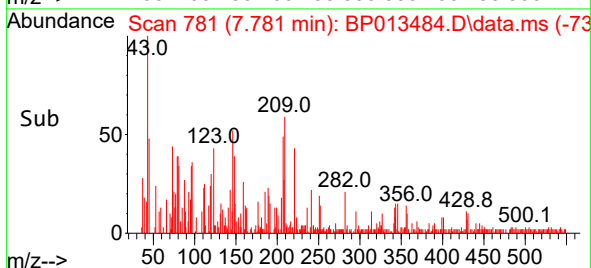
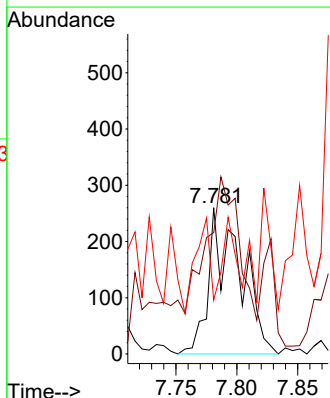
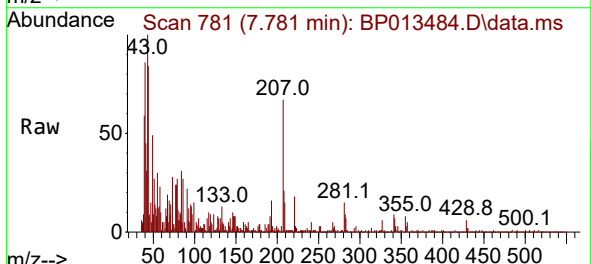
Instrument :  
BNA\_P  
ClientSampleId :  
PB150193BL

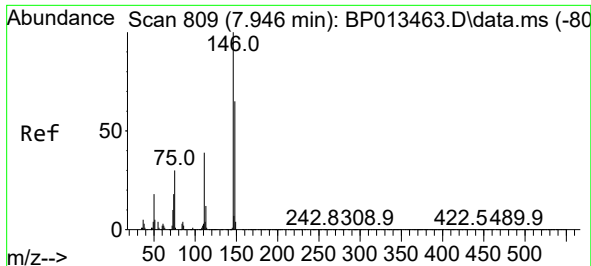
Tgt Ion: 93 Resp: 765  
Ion Ratio Lower Upper  
93 100  
63 42.5 59.3 99.3#  
95 42.0 12.8 52.8



#12  
1,3-Dichlorobenzene  
Concen: 0.017 ng  
RT: 7.781 min Scan# 781  
Delta R.T. -0.018 min  
Lab File: BP013484.D  
Acq: 16 Jan 2023 16:37

Tgt Ion:146 Resp: 470  
Ion Ratio Lower Upper  
146 100  
148 83.1 51.5 77.3#  
75 36.9 23.6 35.4#

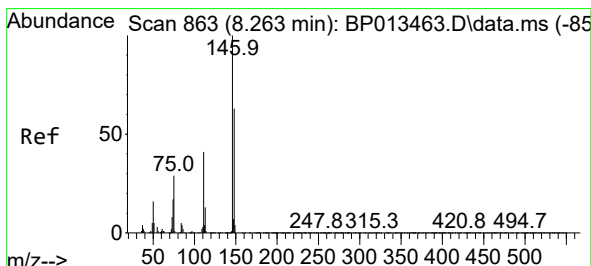
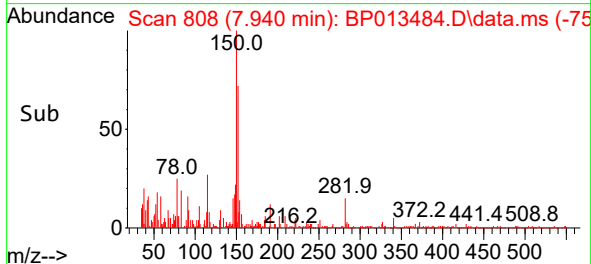
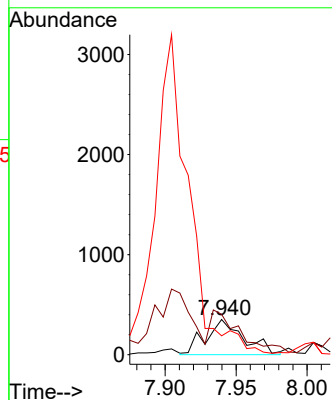
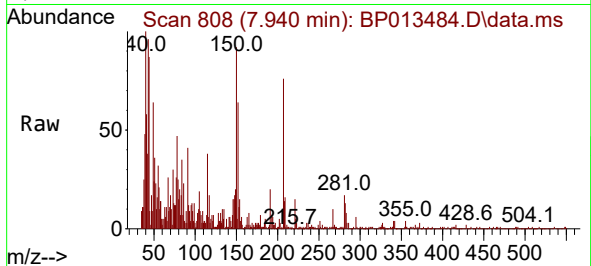




#13  
1,4-Dichlorobenzene  
Concen: 0.022 ng  
RT: 7.940 min Scan# 809  
Delta R.T. -0.006 min  
Lab File: BP013484.D  
Acq: 16 Jan 2023 16:37

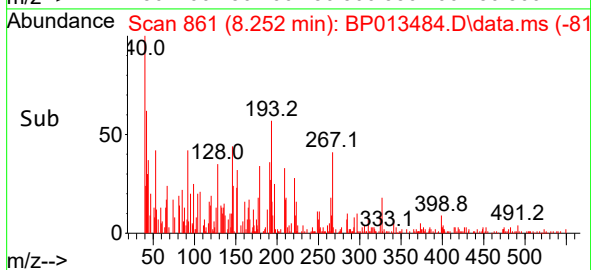
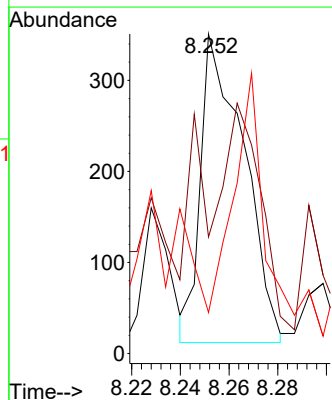
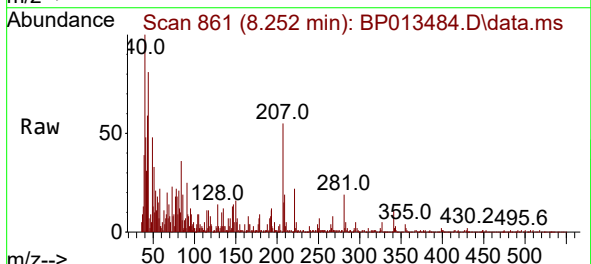
Instrument :  
BNA\_P  
ClientSampleId :  
PB150193BL

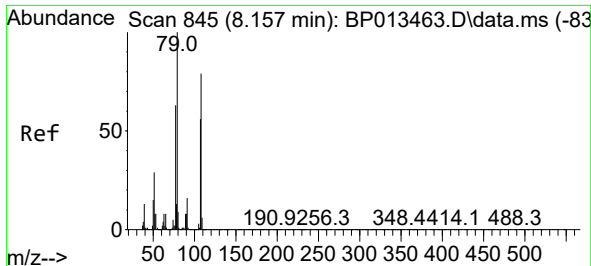
Tgt Ion:146 Resp: 647  
Ion Ratio Lower Upper  
146 100  
148 114.5 52.0 78.0#  
111 53.4 31.4 47.2#



#14  
1,2-Dichlorobenzene  
Concen: 0.015 ng  
RT: 8.252 min Scan# 861  
Delta R.T. -0.012 min  
Lab File: BP013484.D  
Acq: 16 Jan 2023 16:37

Tgt Ion:146 Resp: 416  
Ion Ratio Lower Upper  
146 100  
148 36.5 50.9 76.3#  
111 12.8 32.7 49.1#

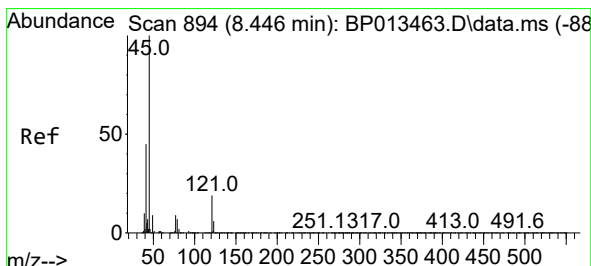
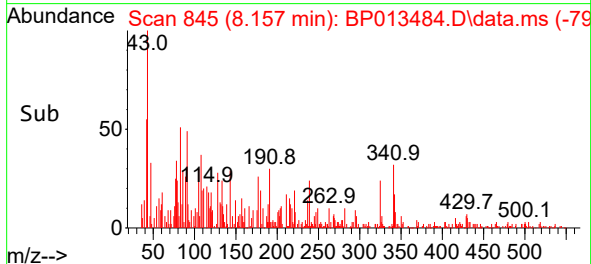
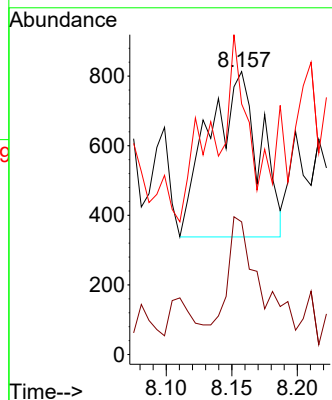
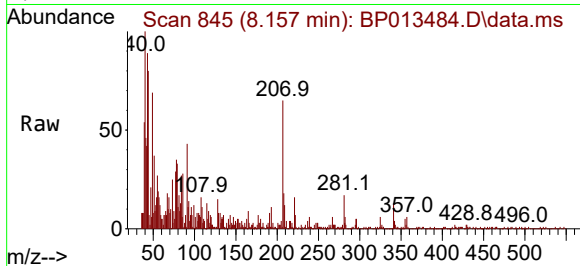




#15  
Benzyl Alcohol  
Concen: 0.051 ng  
RT: 8.157 min Scan# 845  
Delta R.T. 0.000 min  
Lab File: BP013484.D  
Acq: 16 Jan 2023 16:37

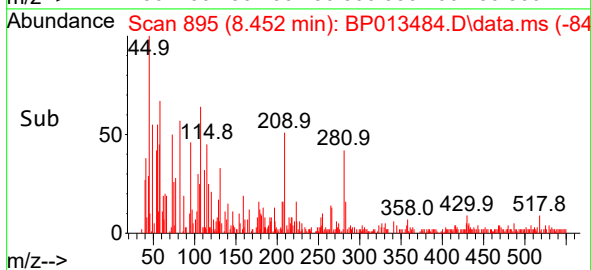
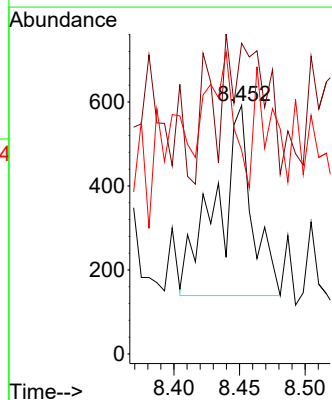
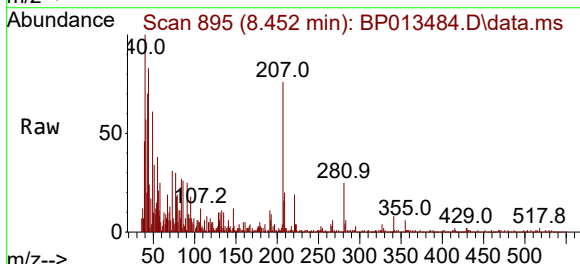
Instrument :  
BNA\_P  
ClientSampleId :  
PB150193BL

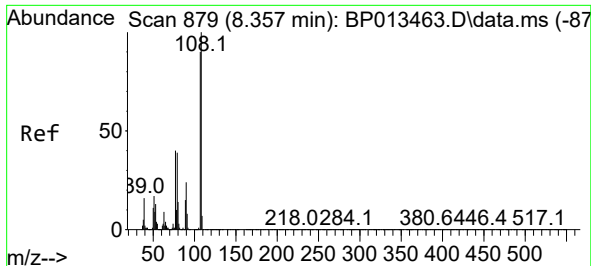
Tgt Ion: 79 Resp: 1280  
Ion Ratio Lower Upper  
79 100  
108 46.9 63.2 94.8#  
77 88.6 50.5 75.7#



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 0.020 ng  
RT: 8.452 min Scan# 895  
Delta R.T. 0.006 min  
Lab File: BP013484.D  
Acq: 16 Jan 2023 16:37

Tgt Ion: 45 Resp: 842  
Ion Ratio Lower Upper  
45 100  
77 125.0 0.0 32.8#  
79 81.9 0.0 30.3#

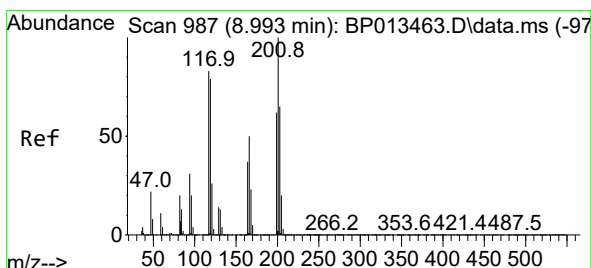
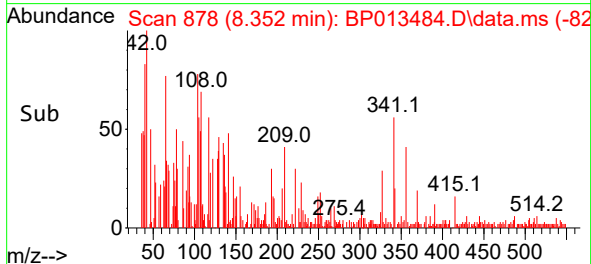
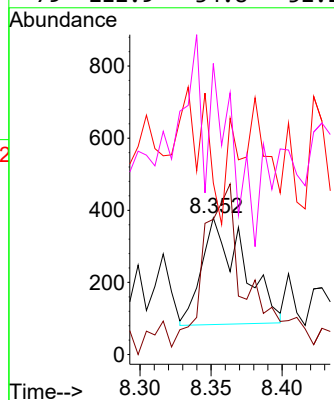
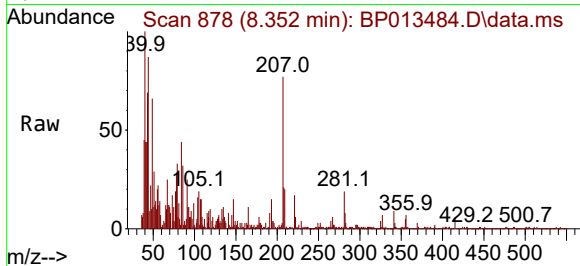




#17  
2-Methylphenol  
Concen: 0.024 ng  
RT: 8.352 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BP013484.D  
Acq: 16 Jan 2023 16:37

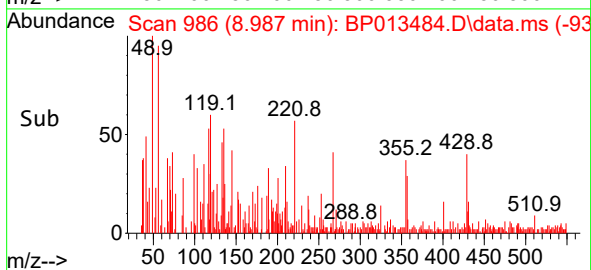
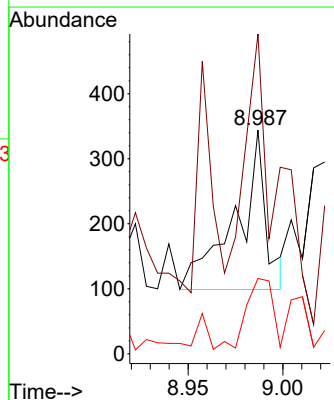
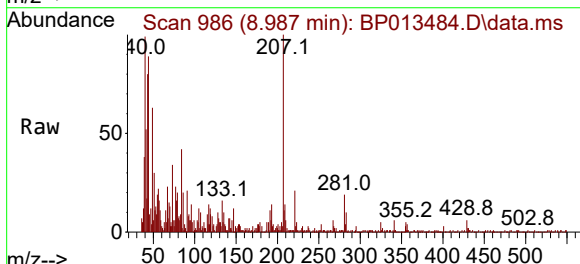
Instrument :  
BNA\_P  
ClientSampleId :  
PB150193BL

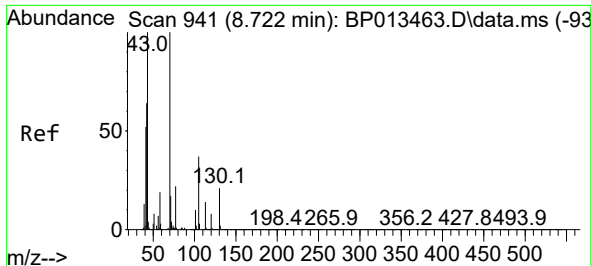
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 602   |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 98.9  | 88.8  | 133.2 |
| 77       | 125.6 | 35.8  | 53.8# |
| 79       | 212.9 | 34.8  | 52.2# |



#18  
Hexachloroethane  
Concen: 0.026 ng  
RT: 8.987 min Scan# 986  
Delta R.T. -0.006 min  
Lab File: BP013484.D  
Acq: 16 Jan 2023 16:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 269    |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 143.0 | 75.8  | 113.8# |
| 201      | 33.7  | 95.8  | 143.8# |

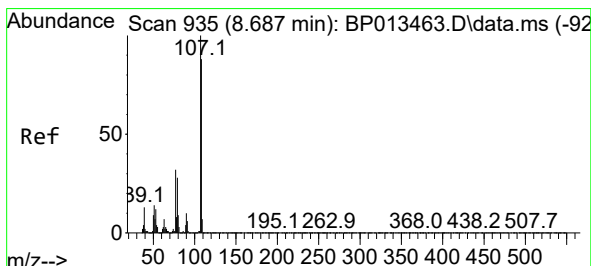
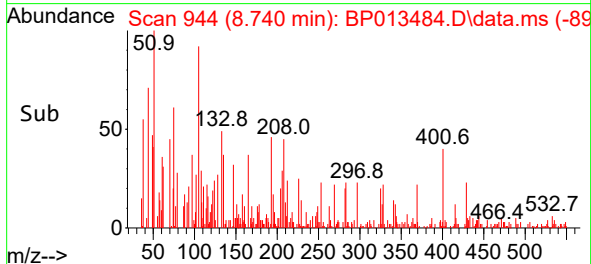
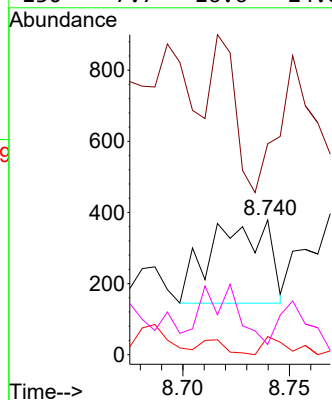
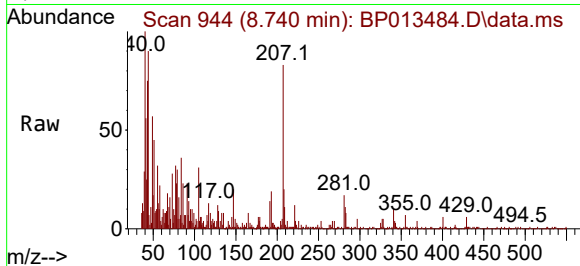




#19  
n-Nitroso-di-n-propylamine  
Concen: 0.019 ng  
RT: 8.740 min Scan# 941  
Delta R.T. 0.018 min  
Lab File: BP013484.D  
Acq: 16 Jan 2023 16:37

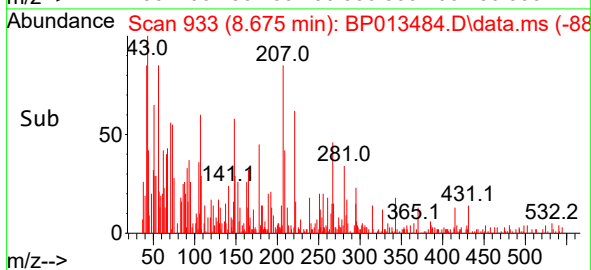
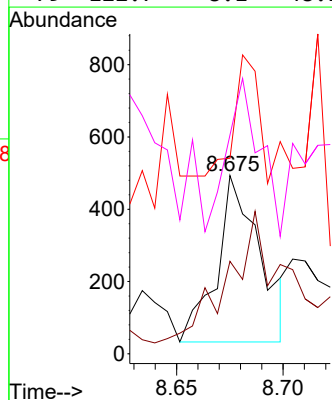
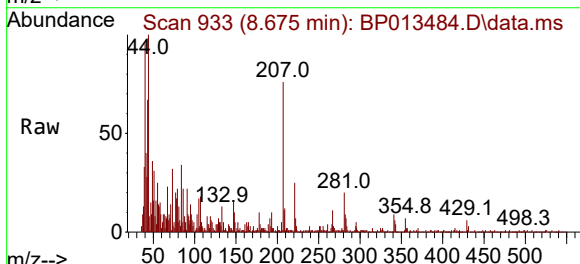
Instrument :  
BNA\_P  
ClientSampleId :  
PB150193BL

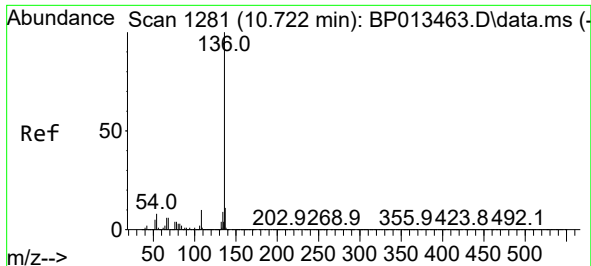
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 438   |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 156.5 | 51.1  | 76.7# |
| 101      | 13.5  | 7.8   | 11.8# |
| 130      | 7.7   | 16.6  | 24.8# |



#20  
3+4-Methylphenols  
Concen: 0.018 ng  
RT: 8.675 min Scan# 933  
Delta R.T. -0.012 min  
Lab File: BP013484.D  
Acq: 16 Jan 2023 16:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 643    |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 51.9  | 68.1  | 108.1# |
| 77       | 109.7 | 12.3  | 52.3#  |
| 79       | 122.7 | 8.1   | 48.1#  |



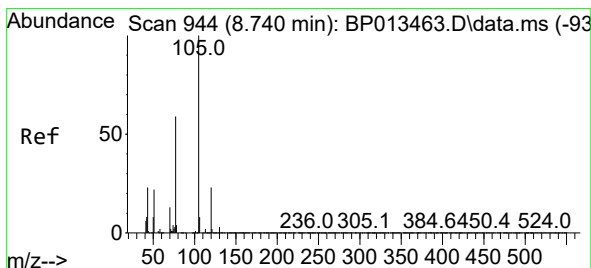
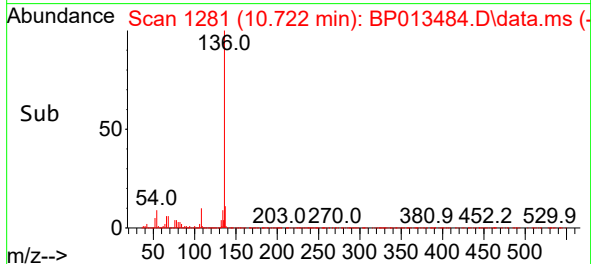
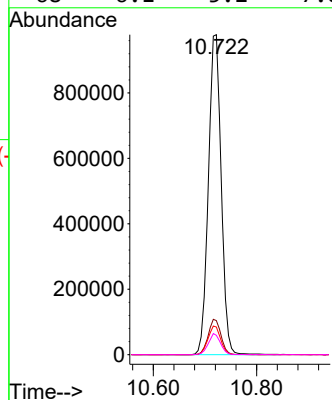
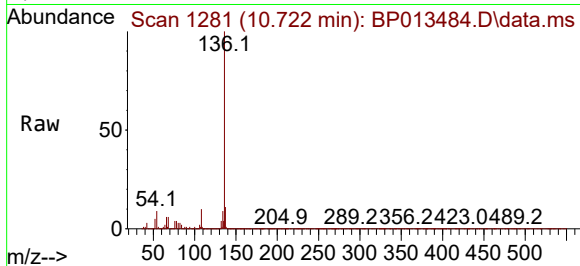


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.722 min Scan# 1281  
Delta R.T. 0.000 min  
Lab File: BP013484.D  
Acq: 16 Jan 2023 16:37

Instrument :  
BNA\_P  
ClientSampleId :  
PB150193BL

Tgt Ion:136 Resp: 1682280

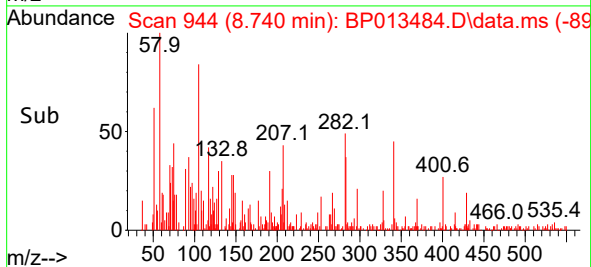
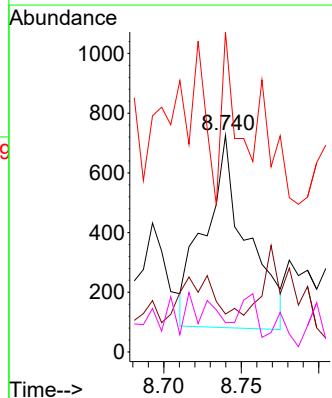
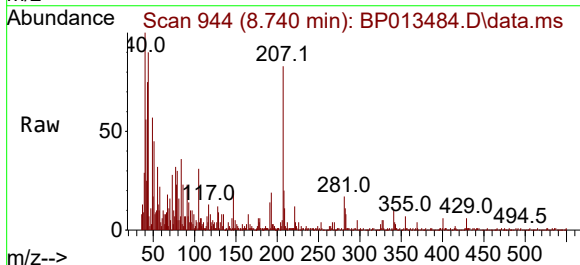
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.7  | 8.8   | 13.2  |
| 54  | 8.7   | 6.6   | 10.0  |
| 68  | 6.1   | 5.2   | 7.8   |

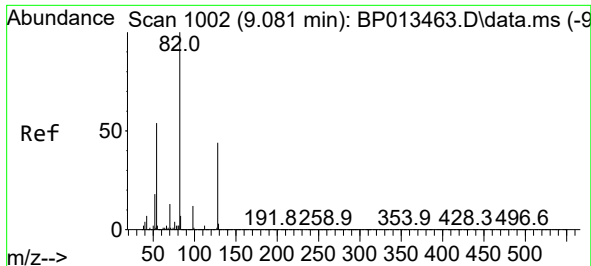


#22  
Acetophenone  
Concen: 0.028 ng  
RT: 8.740 min Scan# 944  
Delta R.T. 0.000 min  
Lab File: BP013484.D  
Acq: 16 Jan 2023 16:37

Tgt Ion:105 Resp: 1203

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 17.5  | 2.1   | 3.1#  |
| 51  | 147.7 | 23.3  | 34.9# |
| 120 | 19.4  | 17.9  | 26.9  |





#23

Nitrobenzene-d5

Concen: 91.365 ng

RT: 9.075 min Scan# 1001

Delta R.T. -0.006 min

Lab File: BP013484.D

Acq: 16 Jan 2023 16:37

Instrument :

BNA\_P

ClientSampleId :

PB150193BL

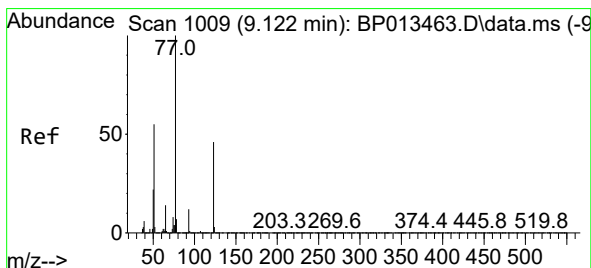
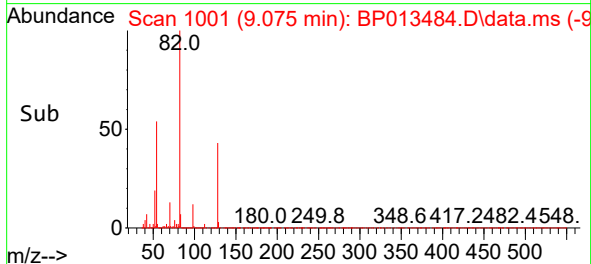
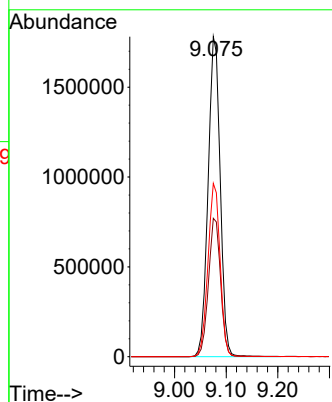
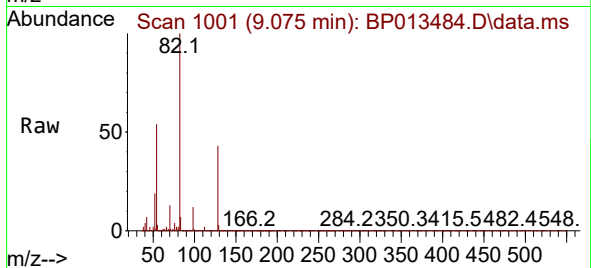
Tgt Ion: 82 Resp: 2893049

Ion Ratio Lower Upper

82 100

128 43.2 35.4 53.0

54 54.2 42.8 64.2



#24

Nitrobenzene

Concen: 0.313 ng

RT: 9.075 min Scan# 1001

Delta R.T. -0.047 min

Lab File: BP013484.D

Acq: 16 Jan 2023 16:37

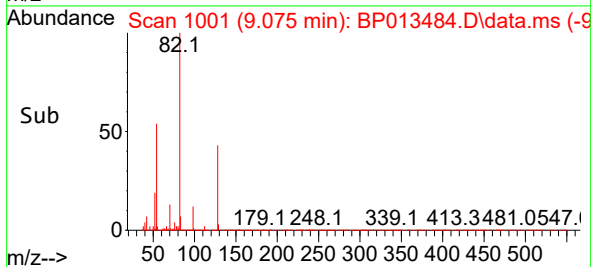
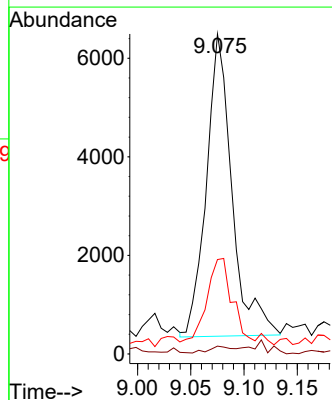
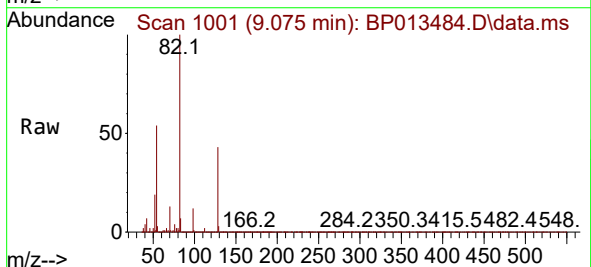
Tgt Ion: 77 Resp: 10263

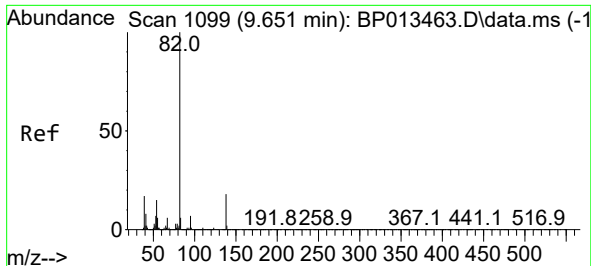
Ion Ratio Lower Upper

77 100

123 2.4 36.5 54.7#

65 29.5 11.0 16.6#

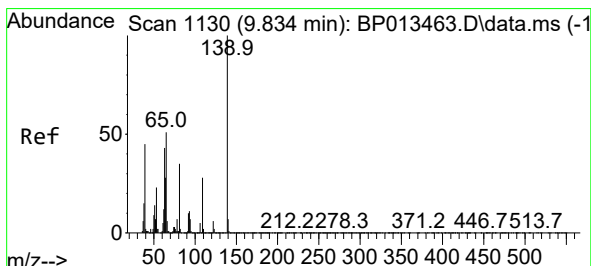
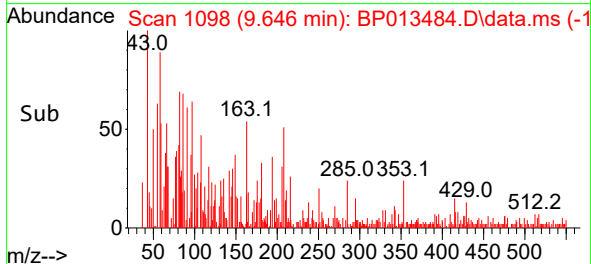
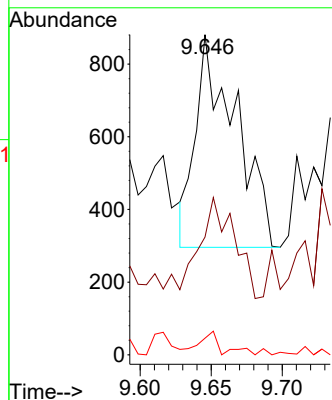
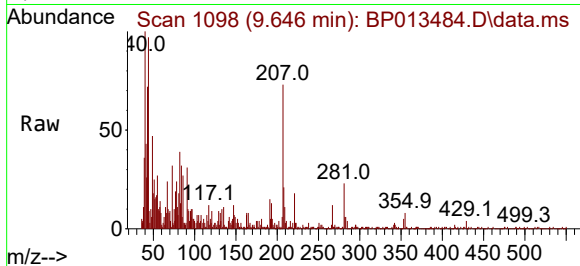




#25  
Isophorone  
Concen: 0.018 ng  
RT: 9.646 min Scan# 1100  
Delta R.T. -0.006 min  
Lab File: BP013484.D  
Acq: 16 Jan 2023 16:37

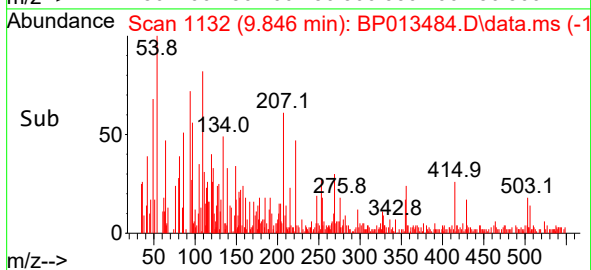
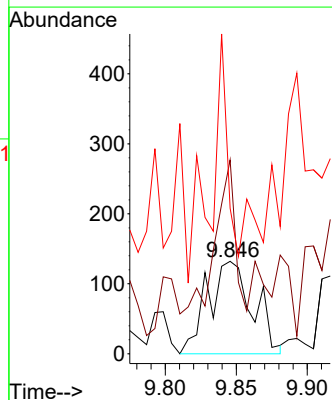
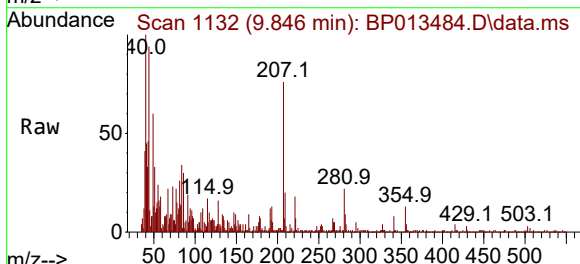
Instrument :  
BNA\_P  
ClientSampleId :  
PB150193BL

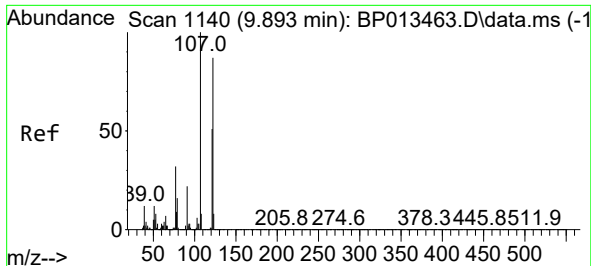
Tgt Ion: 82 Resp: 1152  
Ion Ratio Lower Upper  
82 100  
95 36.8 5.4 8.0#  
138 5.2 14.5 21.7#



#26  
2-Nitrophenol  
Concen: 0.018 ng  
RT: 9.846 min Scan# 1132  
Delta R.T. 0.012 min  
Lab File: BP013484.D  
Acq: 16 Jan 2023 16:37

Tgt Ion: 139 Resp: 291  
Ion Ratio Lower Upper  
139 100  
109 209.8 22.5 33.7#  
65 157.6 41.0 61.4#





#27

2,4-Dimethylphenol

Concen: 0.014 ng

RT: 9.916 min Scan# 1144

Delta R.T. 0.024 min

Lab File: BP013484.D

Acq: 16 Jan 2023 16:37

Instrument :

BNA\_P

ClientSampleId :

PB150193BL

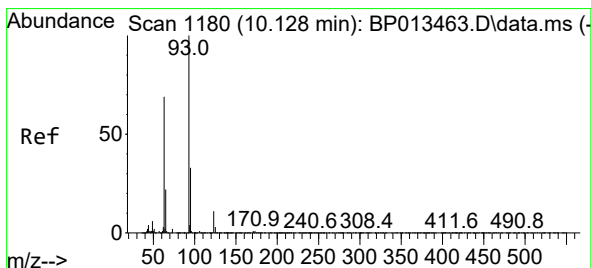
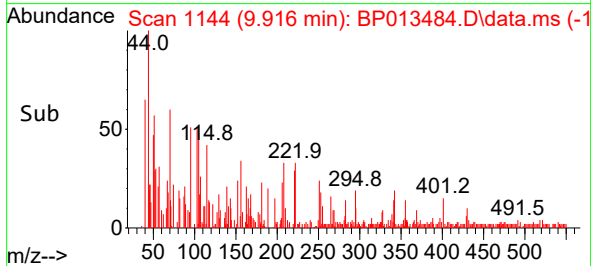
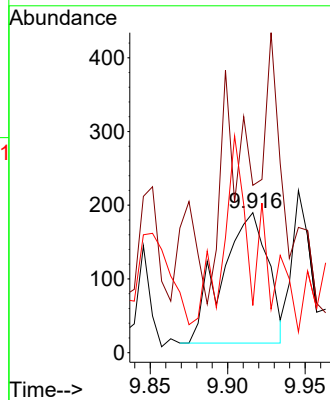
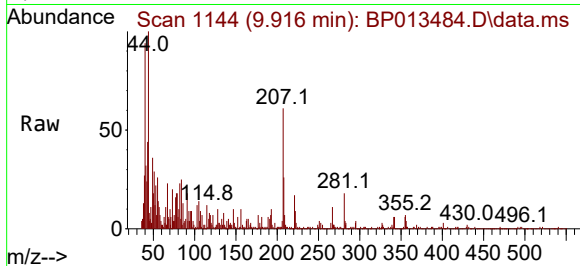
Tgt Ion:122 Resp: 367

Ion Ratio Lower Upper

122 100

107 119.5 91.6 137.4

121 33.7 46.3 69.5#



#28

bis(2-Chloroethoxy)methane

Concen: 0.005 ng

RT: 10.110 min Scan# 1177

Delta R.T. -0.018 min

Lab File: BP013484.D

Acq: 16 Jan 2023 16:37

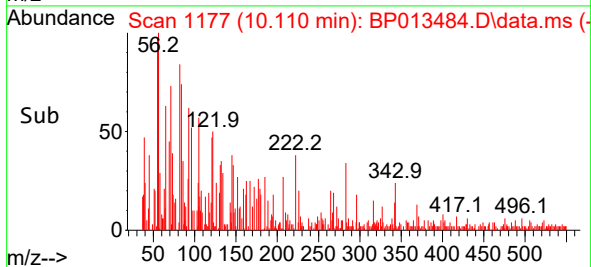
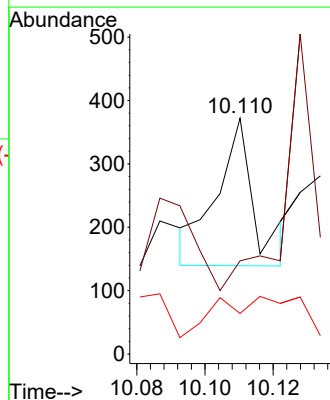
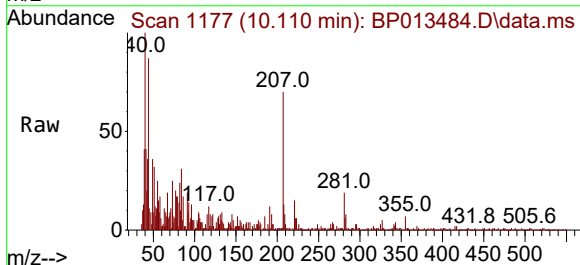
Tgt Ion: 93 Resp: 179

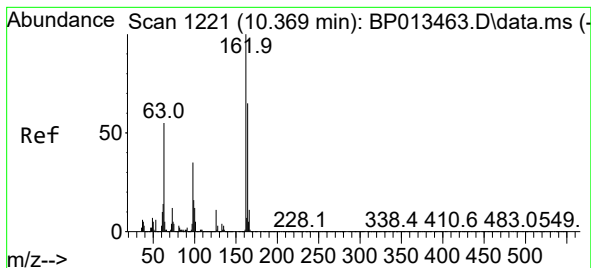
Ion Ratio Lower Upper

93 100

95 39.5 26.1 39.1#

123 17.2 9.2 13.8#





#29

2,4-Dichlorophenol

Concen: 0.005 ng

RT: 10.381 min Scan# 11

Delta R.T. 0.012 min

Lab File: BP013484.D

Acq: 16 Jan 2023 16:37

Instrument :

BNA\_P

ClientSampleId :

PB150193BL

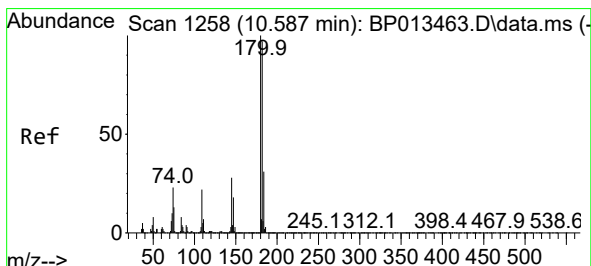
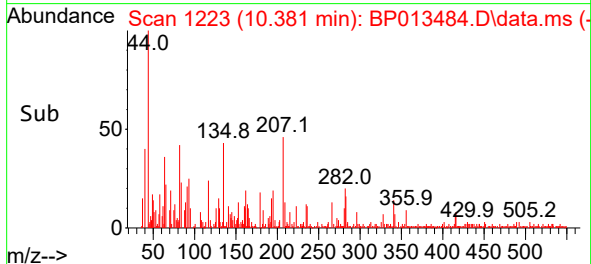
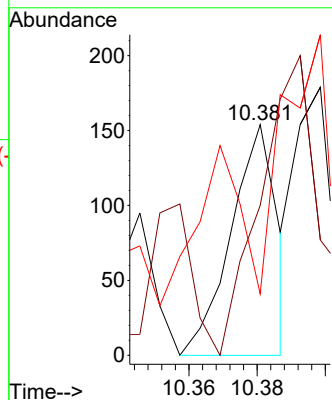
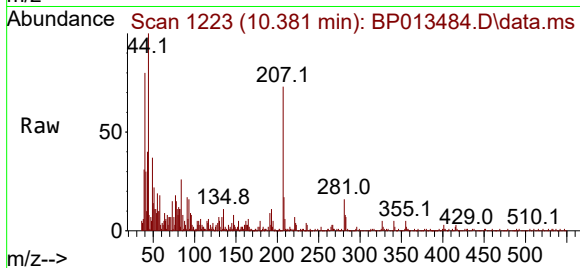
Tgt Ion:162 Resp: 146

Ion Ratio Lower Upper

162 100

164 64.9 45.4 85.4

98 70.1 14.8 54.8#



#30

1,2,4-Trichlorobenzene

Concen: 0.017 ng

RT: 10.581 min Scan# 1257

Delta R.T. -0.006 min

Lab File: BP013484.D

Acq: 16 Jan 2023 16:37

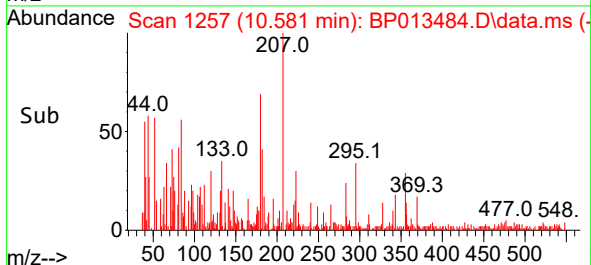
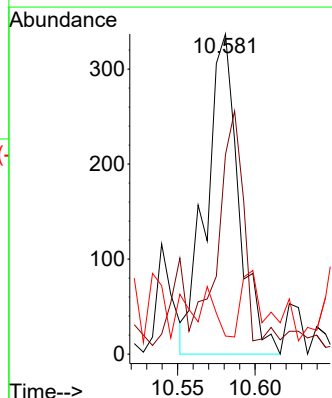
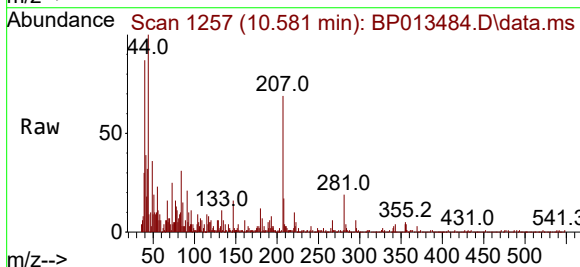
Tgt Ion:180 Resp: 491

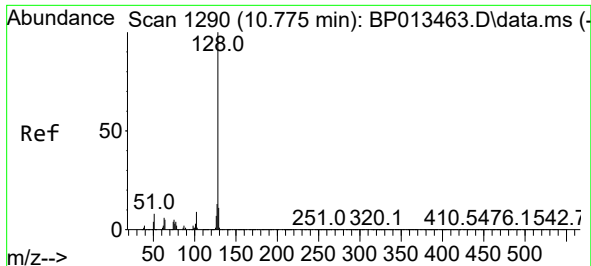
Ion Ratio Lower Upper

180 100

182 62.3 77.3 115.9#

145 5.6 22.8 34.2#

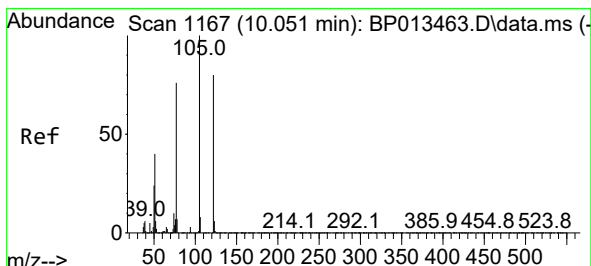
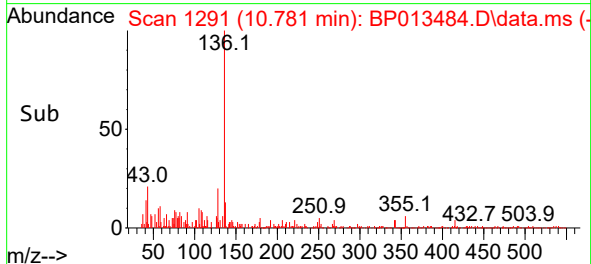
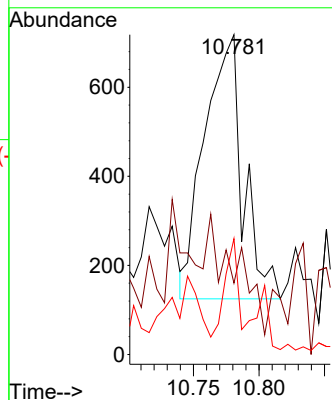
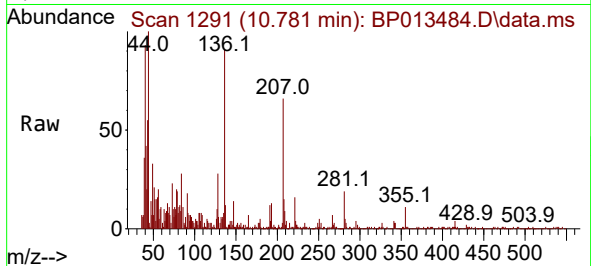




#31  
Naphthalene  
Concen: 0.014 ng  
RT: 10.781 min Scan# 1167  
Delta R.T. 0.006 min  
Lab File: BP013484.D  
Acq: 16 Jan 2023 16:37

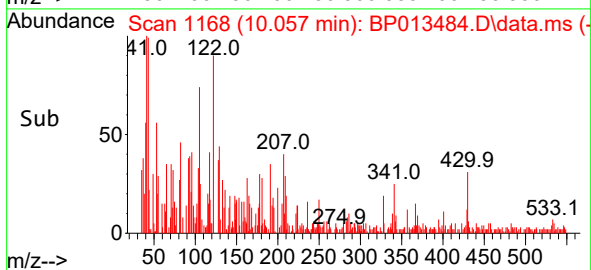
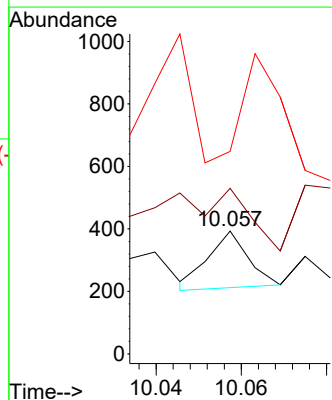
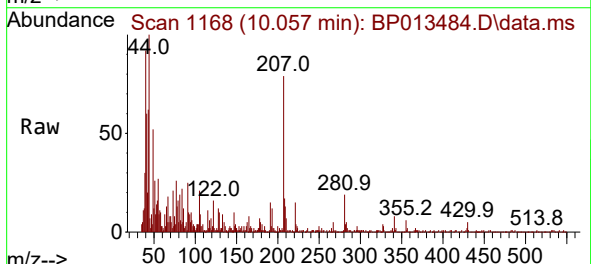
Instrument :  
BNA\_P  
ClientSampleId :  
PB150193BL

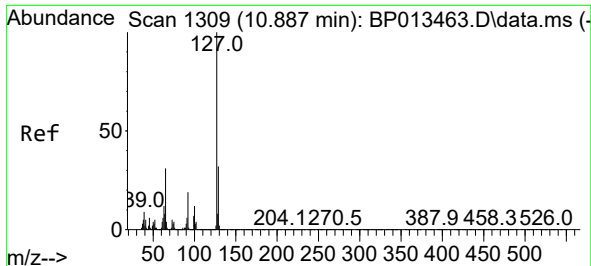
Tgt Ion:128 Resp: 1205  
Ion Ratio Lower Upper  
128 100  
129 22.3 8.9 13.3#  
127 36.2 10.6 16.0#



#32  
Benzoic acid  
Concen: 0.005 ng  
RT: 10.057 min Scan# 1168  
Delta R.T. 0.006 min  
Lab File: BP013484.D  
Acq: 16 Jan 2023 16:37

Tgt Ion:122 Resp: 119  
Ion Ratio Lower Upper  
122 100  
105 134.9 102.7 142.7  
77 164.9 74.0 114.0#

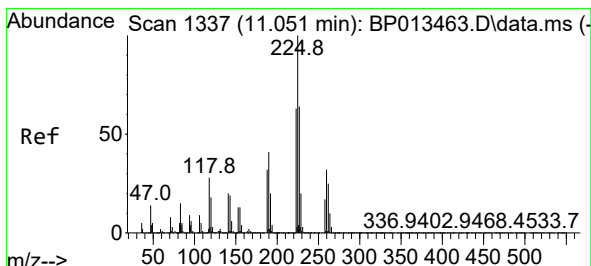
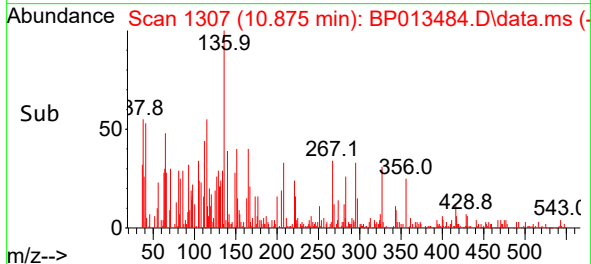
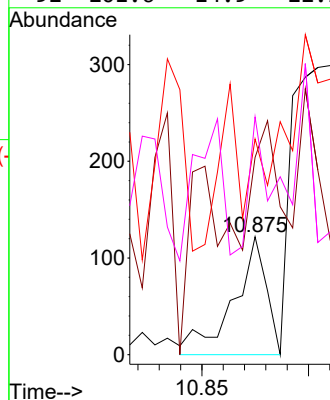
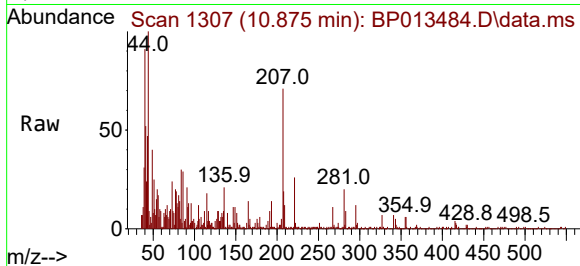




#33  
4-Chloroaniline  
Concen: 0.003 ng  
RT: 10.875 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BP013484.D  
Acq: 16 Jan 2023 16:37

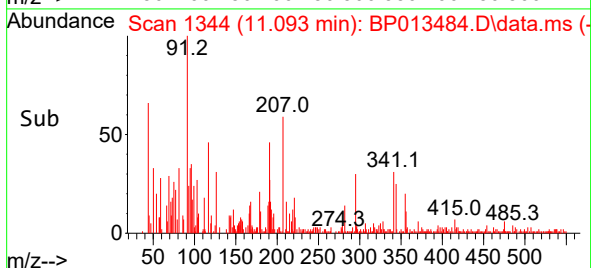
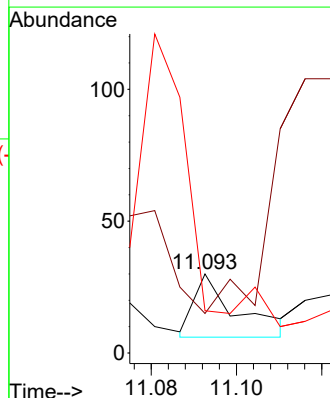
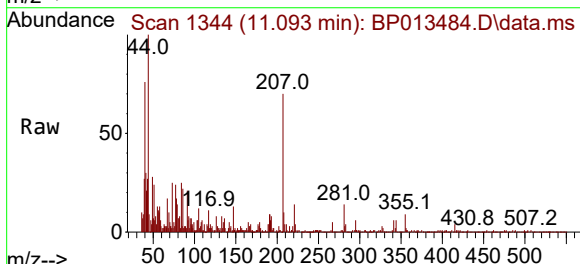
Instrument :  
BNA\_P  
ClientSampleId :  
PB150193BL

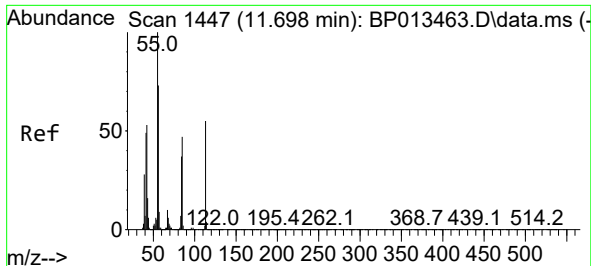
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 130   |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 167.2 | 25.6  | 38.4# |
| 65       | 182.8 | 25.2  | 37.8# |
| 92       | 201.6 | 14.9  | 22.3# |



#34  
Hexachlorobutadiene  
Concen: 0.001 ng  
RT: 11.093 min Scan# 1344  
Delta R.T. 0.041 min  
Lab File: BP013484.D  
Acq: 16 Jan 2023 16:37

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 17    |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 50.0  | 50.0  | 75.0  |
| 227      | 53.3  | 51.0  | 76.6  |

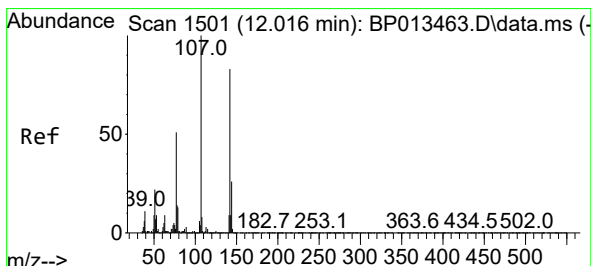
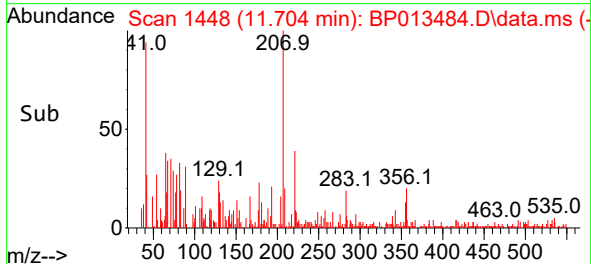
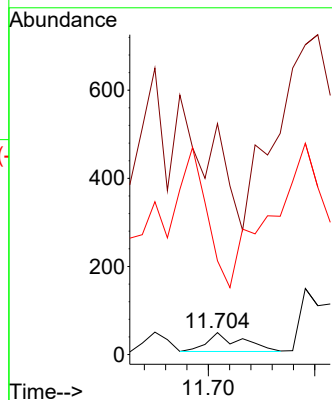
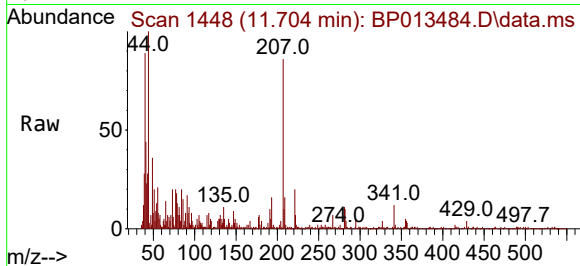




#35  
Caprolactam  
Concen: 0.005 ng  
RT: 11.704 min Scan# 1448  
Delta R.T. 0.006 min  
Lab File: BP013484.D  
Acq: 16 Jan 2023 16:37

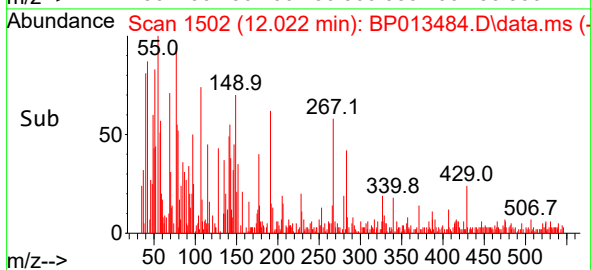
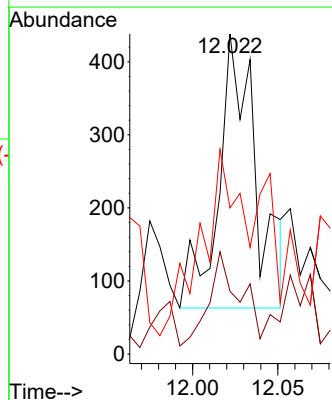
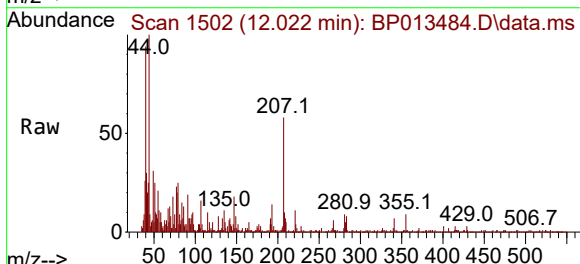
Instrument :  
BNA\_P  
ClientSampleId :  
PB150193BL

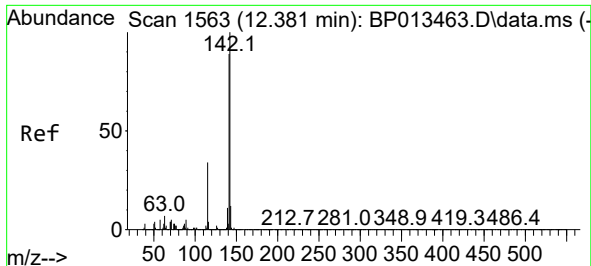
Tgt Ion:113 Resp: 49  
Ion Ratio Lower Upper  
113 100  
55 1048.0 163.1 203.1#  
56 426.0 113.0 153.0#



#36  
4-Chloro-3-methylphenol  
Concen: 0.019 ng  
RT: 12.022 min Scan# 1502  
Delta R.T. 0.006 min  
Lab File: BP013484.D  
Acq: 16 Jan 2023 16:37

Tgt Ion:107 Resp: 570  
Ion Ratio Lower Upper  
107 100  
144 24.9 21.2 31.8  
142 45.7 66.0 99.0#

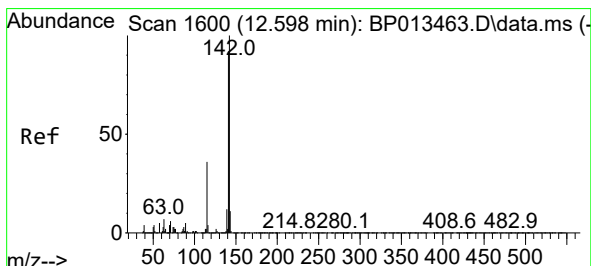
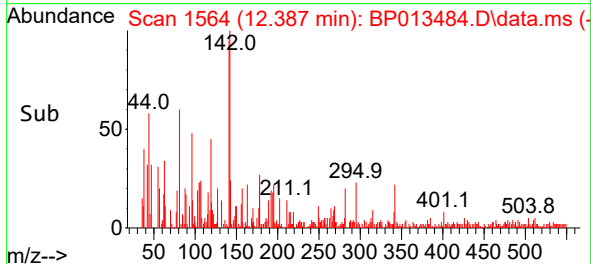
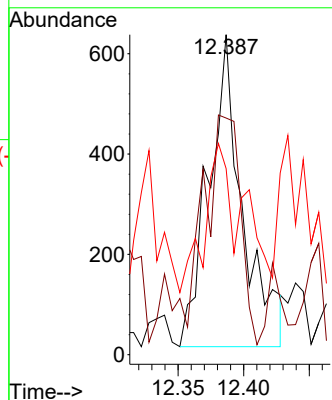
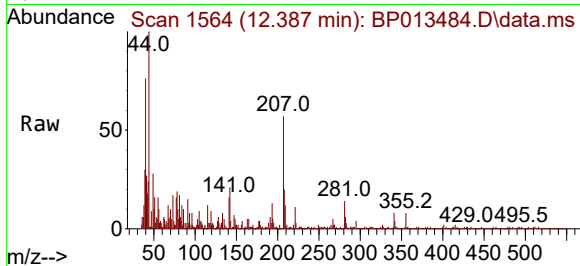




#37  
2-Methylnaphthalene  
Concen: 0.017 ng  
RT: 12.387 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BP013484.D  
Acq: 16 Jan 2023 16:37

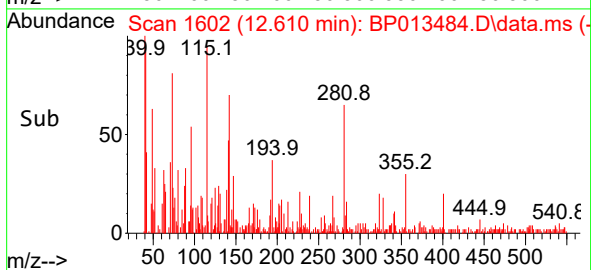
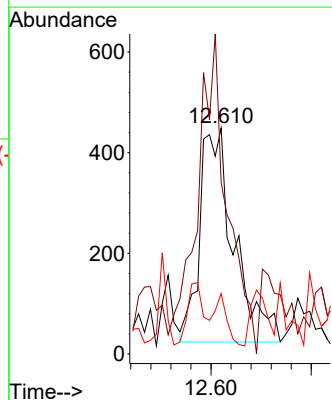
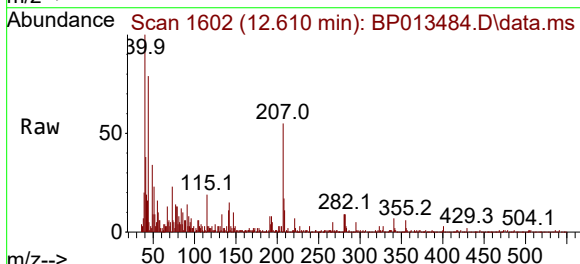
Instrument :  
BNA\_P  
ClientSampleId :  
PB150193BL

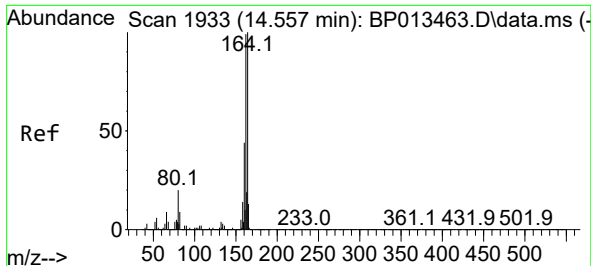
Tgt Ion:142 Resp: 1120  
Ion Ratio Lower Upper  
142 100  
141 74.0 71.1 106.7  
115 71.0 27.6 41.4#



#38  
1-Methylnaphthalene  
Concen: 0.016 ng  
RT: 12.610 min Scan# 1602  
Delta R.T. 0.012 min  
Lab File: BP013484.D  
Acq: 16 Jan 2023 16:37

Tgt Ion:142 Resp: 1004  
Ion Ratio Lower Upper  
142 100  
141 75.9 73.3 109.9  
116 26.7 2.9 4.3#

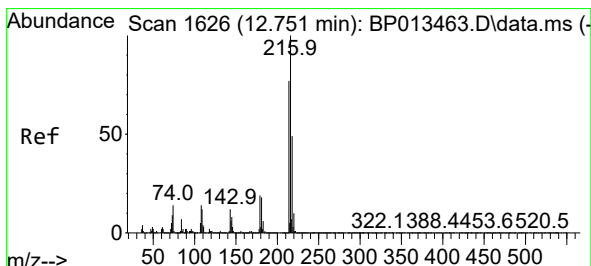
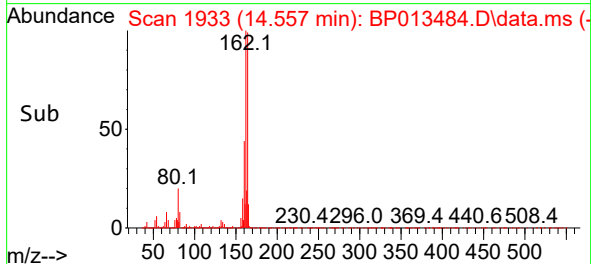
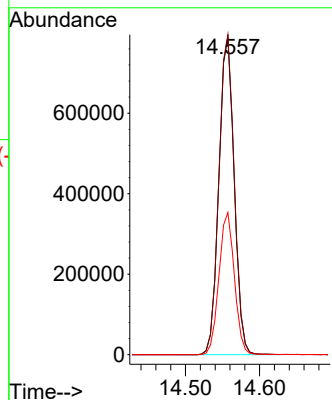
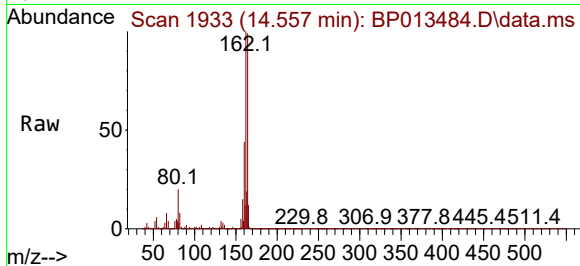




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.557 min Scan# 1933  
Delta R.T. 0.000 min  
Lab File: BP013484.D  
Acq: 16 Jan 2023 16:37

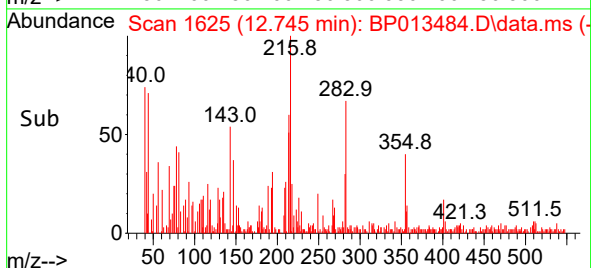
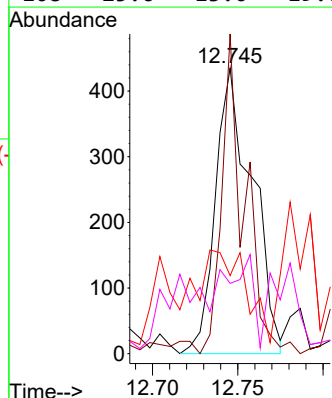
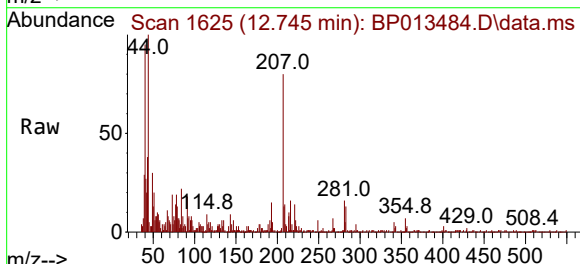
Instrument :  
BNA\_P  
ClientSampleId :  
PB150193BL

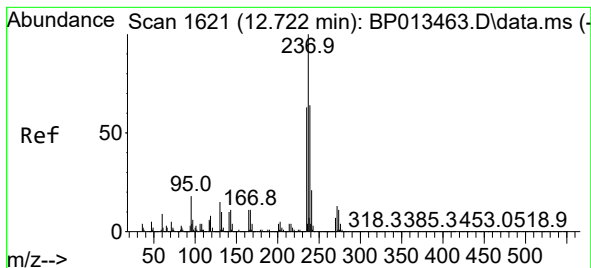
Tgt Ion:164 Resp: 1130452  
Ion Ratio Lower Upper  
164 100  
162 101.0 79.5 119.3  
160 44.8 35.4 53.0



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 0.018 ng  
RT: 12.745 min Scan# 1625  
Delta R.T. -0.006 min  
Lab File: BP013484.D  
Acq: 16 Jan 2023 16:37

Tgt Ion:216 Resp: 652  
Ion Ratio Lower Upper  
216 100  
214 68.9 62.1 93.1  
179 0.0 15.6 23.4#  
108 25.6 13.0 19.6#





#41

Hexachlorocyclopentadiene

Concen: 0.002 ng

RT: 12.710 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP013484.D

Acq: 16 Jan 2023 16:37

Instrument :

BNA\_P

ClientSampleId :

PB150193BL

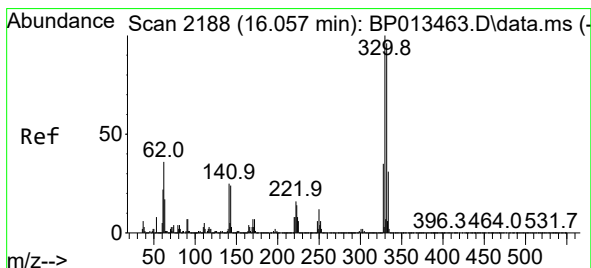
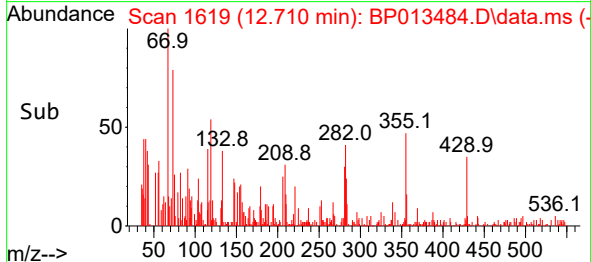
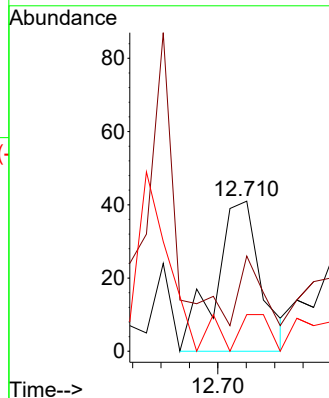
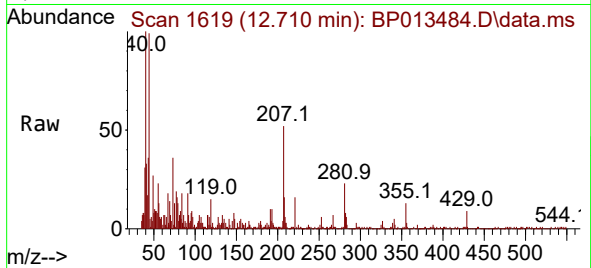
Tgt Ion:237 Resp: 46

Ion Ratio Lower Upper

237 100

235 63.4 43.4 83.4

272 24.4 0.0 32.7



#42

2,4,6-Tribromophenol

Concen: 138.358 ng

RT: 16.051 min Scan# 2187

Delta R.T. -0.006 min

Lab File: BP013484.D

Acq: 16 Jan 2023 16:37

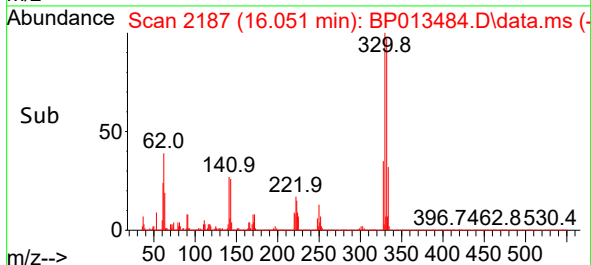
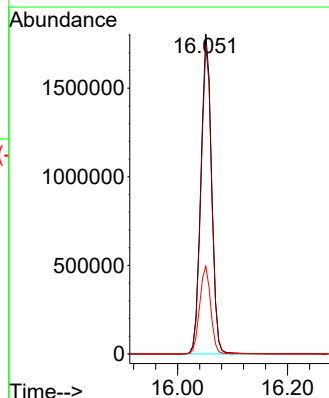
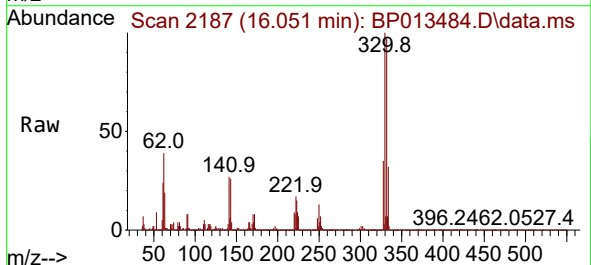
Tgt Ion:330 Resp: 2441446

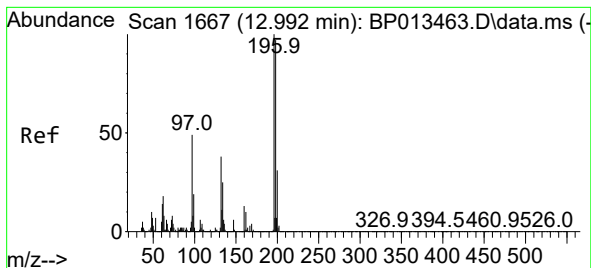
Ion Ratio Lower Upper

330 100

332 97.0 77.0 115.4

141 28.2 22.2 33.4





#43

2,4,6-Trichlorophenol

Concen: 0.018 ng

RT: 13.010 min Scan# 1

Delta R.T. 0.018 min

Lab File: BP013484.D

Acq: 16 Jan 2023 16:37

Instrument :

BNA\_P

ClientSampleId :

PB150193BL

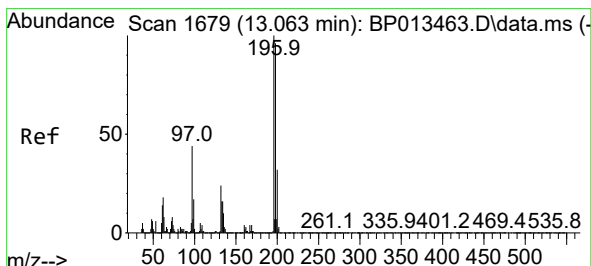
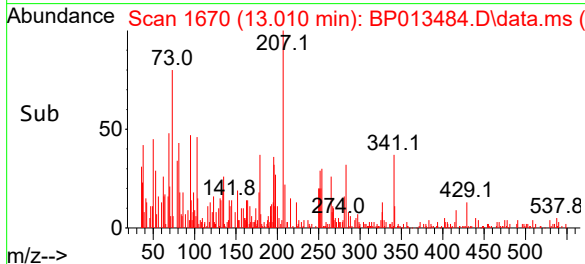
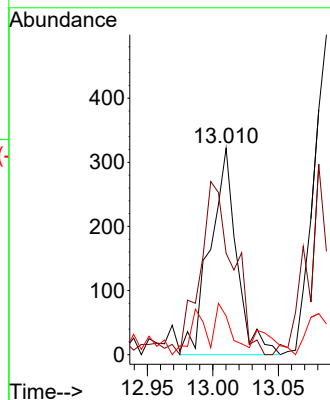
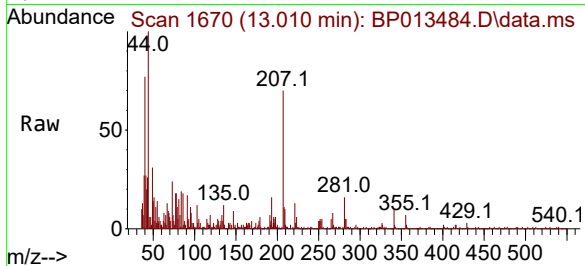
Tgt Ion:196 Resp: 452

Ion Ratio Lower Upper

196 100

198 49.1 77.4 116.0#

200 18.6 24.7 37.1#



#44

2,4,5-Trichlorophenol

Concen: 0.023 ng

RT: 13.087 min Scan# 1683

Delta R.T. 0.024 min

Lab File: BP013484.D

Acq: 16 Jan 2023 16:37

Tgt Ion:196 Resp: 696

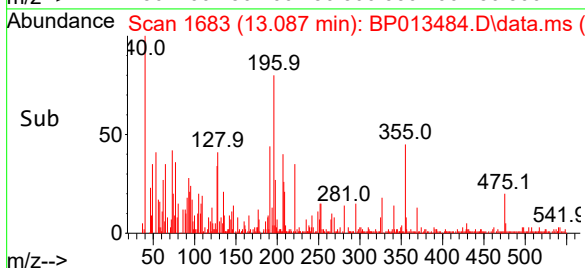
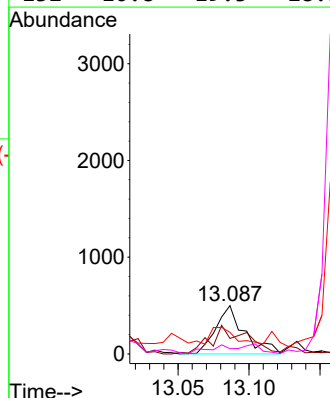
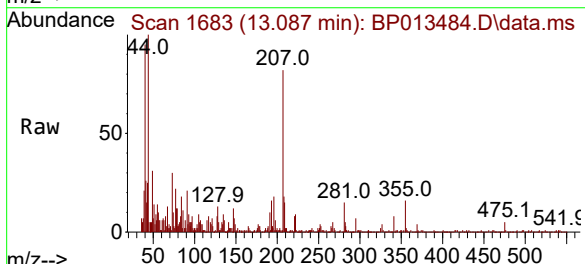
Ion Ratio Lower Upper

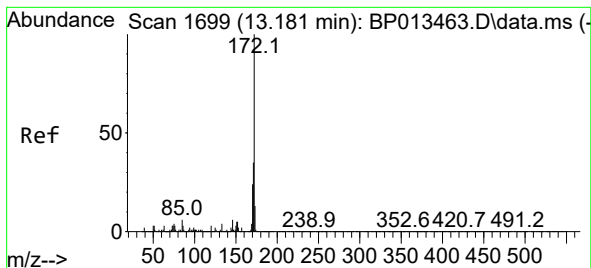
196 100

198 32.3 76.8 115.2#

97 44.7 34.9 52.3

132 10.8 19.3 28.9#





#45

2-Fluorobiphenyl

Concen: 94.032 ng

RT: 13.175 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP013484.D

Acq: 16 Jan 2023 16:37

Instrument :

BNA\_P

ClientSampleId :

PB150193BL

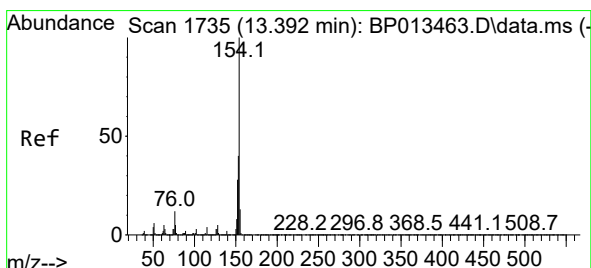
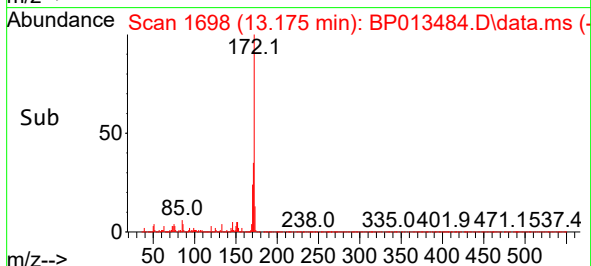
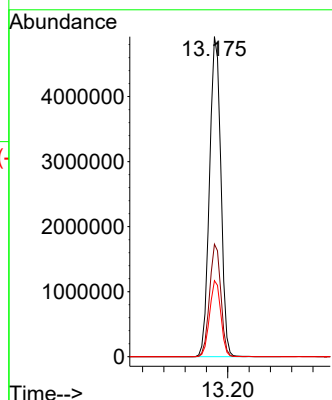
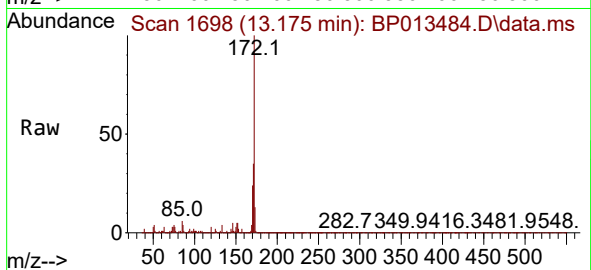
Tgt Ion:172 Resp: 7271575

Ion Ratio Lower Upper

172 100

171 35.1 28.0 42.0

170 23.7 19.0 28.4



#46

1,1'-Biphenyl

Concen: 0.019 ng

RT: 13.387 min Scan# 1734

Delta R.T. -0.006 min

Lab File: BP013484.D

Acq: 16 Jan 2023 16:37

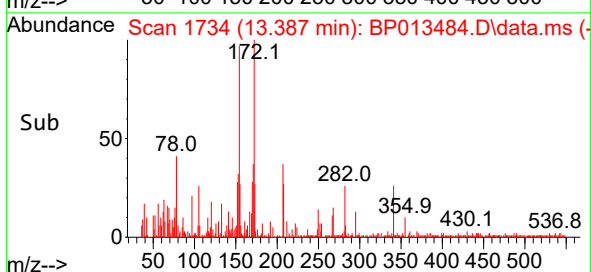
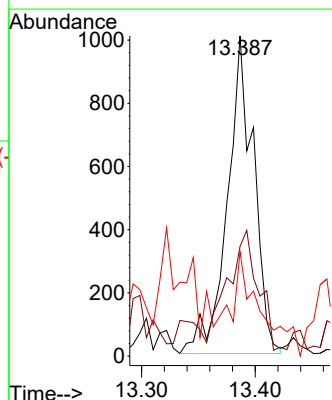
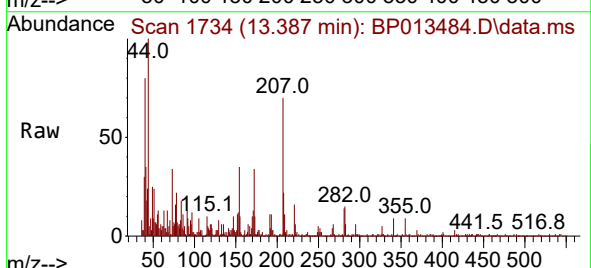
Tgt Ion:154 Resp: 1619

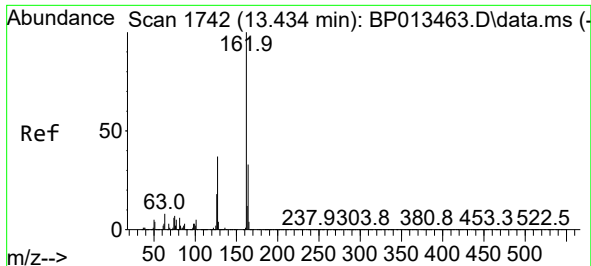
Ion Ratio Lower Upper

154 100

153 34.3 19.9 59.9

76 32.6 0.0 32.5#

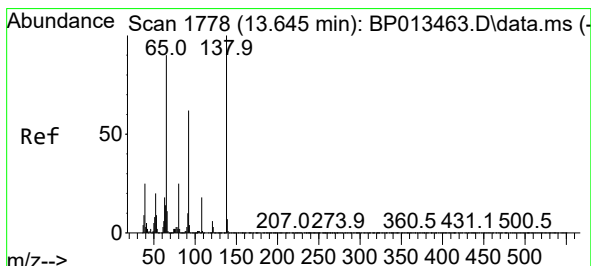
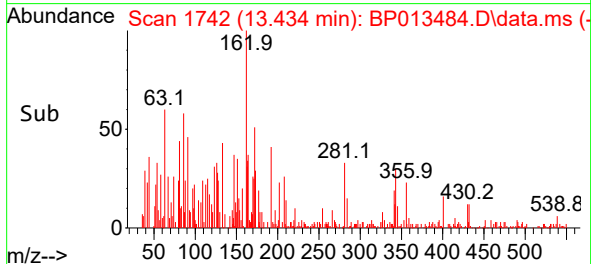
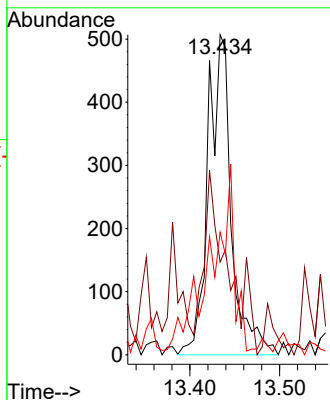
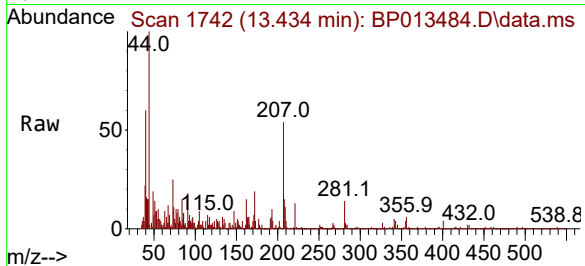




#47  
2-Chloronaphthalene  
Concen: 0.014 ng  
RT: 13.434 min Scan# 1742  
Delta R.T. 0.000 min  
Lab File: BP013484.D  
Acq: 16 Jan 2023 16:37

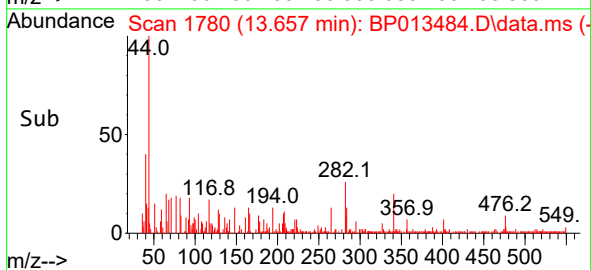
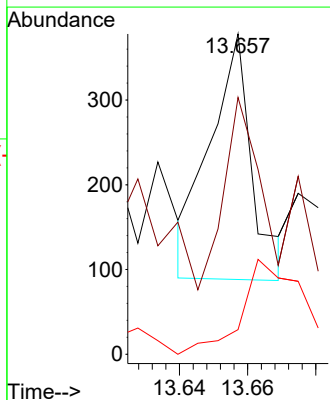
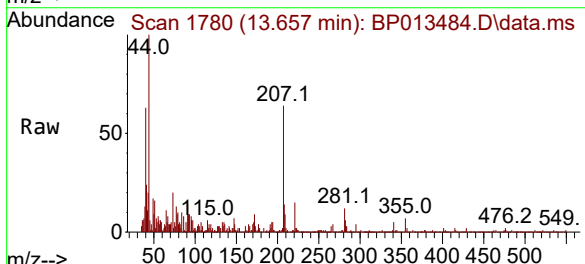
Instrument :  
BNA\_P  
ClientSampleId :  
PB150193BL

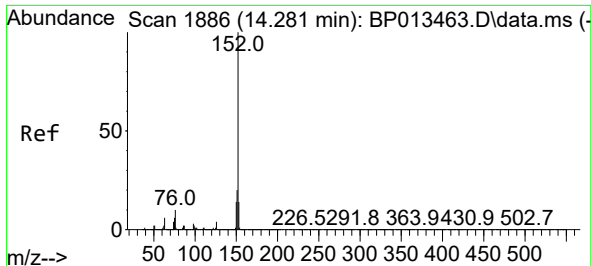
Tgt Ion:162 Resp: 913  
Ion Ratio Lower Upper  
162 100  
127 29.0 29.8 44.8#  
164 38.3 26.4 39.6



#48  
2-Nitroaniline  
Concen: 0.011 ng  
RT: 13.657 min Scan# 1780  
Delta R.T. 0.012 min  
Lab File: BP013484.D  
Acq: 16 Jan 2023 16:37

Tgt Ion: 65 Resp: 248  
Ion Ratio Lower Upper  
65 100  
92 80.2 55.1 82.7  
138 7.7 88.5 132.7#

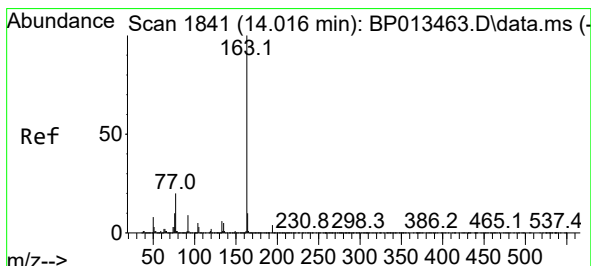
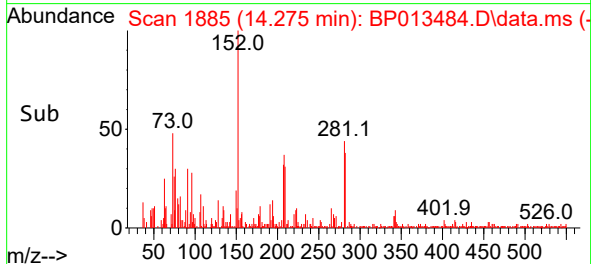
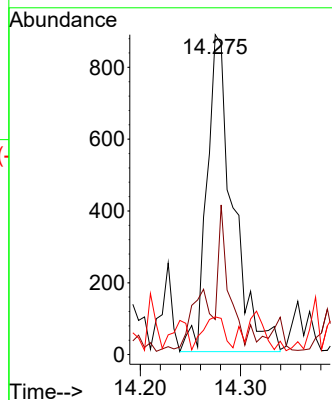
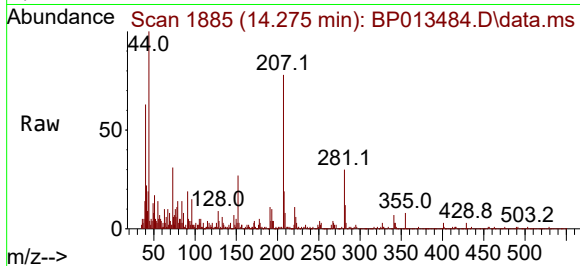




#49  
Acenaphthylene  
Concen: 0.015 ng  
RT: 14.275 min Scan# 1885  
Delta R.T. -0.006 min  
Lab File: BP013484.D  
Acq: 16 Jan 2023 16:37

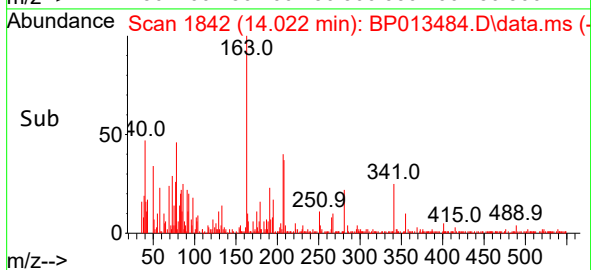
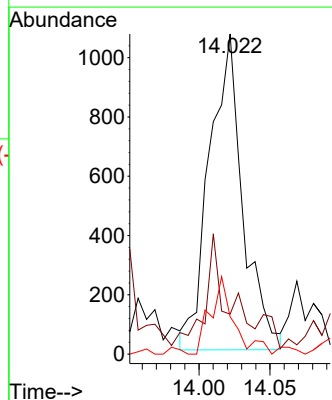
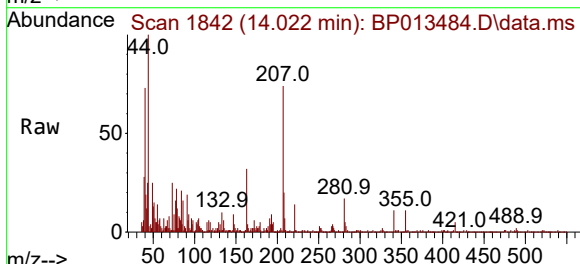
Instrument :  
BNA\_P  
ClientSampleId :  
PB150193BL

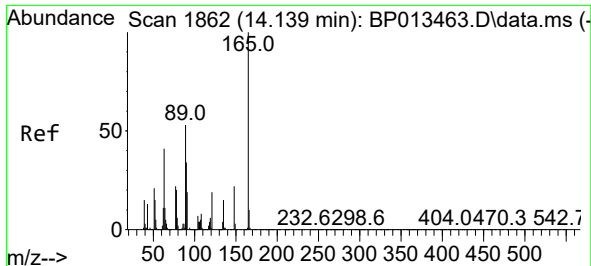
Tgt Ion:152 Resp: 1607  
Ion Ratio Lower Upper  
152 100  
151 11.0 16.0 24.0#  
153 11.8 10.9 16.3



#50  
Dimethylphthalate  
Concen: 0.019 ng  
RT: 14.022 min Scan# 1842  
Delta R.T. 0.006 min  
Lab File: BP013484.D  
Acq: 16 Jan 2023 16:37

Tgt Ion:163 Resp: 1746  
Ion Ratio Lower Upper  
163 100  
194 12.5 3.4 5.2#  
164 11.7 8.3 12.5

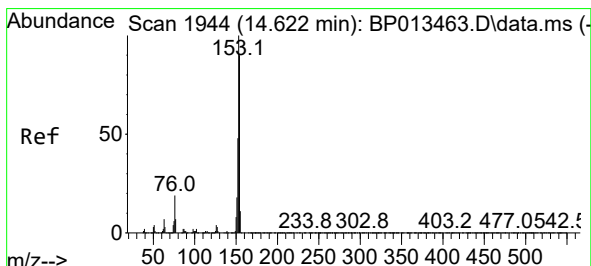
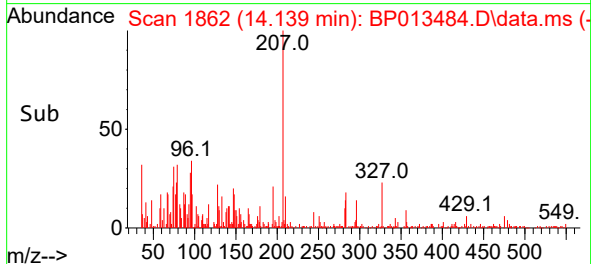
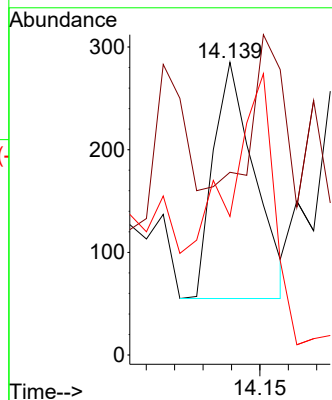
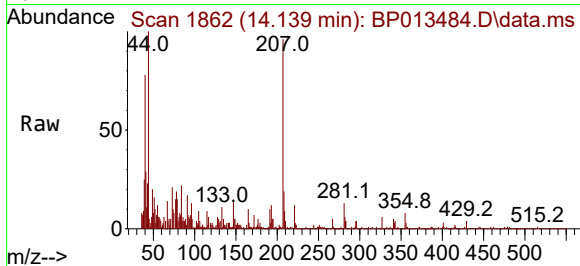




#51  
2,6-Dinitrotoluene  
Concen: 0.012 ng  
RT: 14.139 min Scan# 1862  
Delta R.T. 0.000 min  
Lab File: BP013484.D  
Acq: 16 Jan 2023 16:37

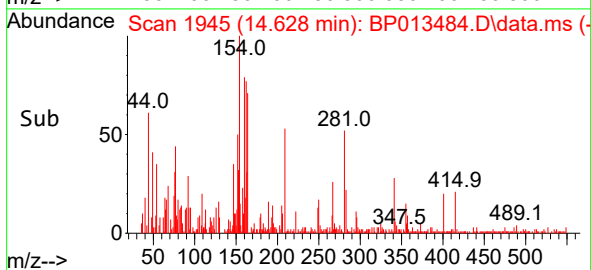
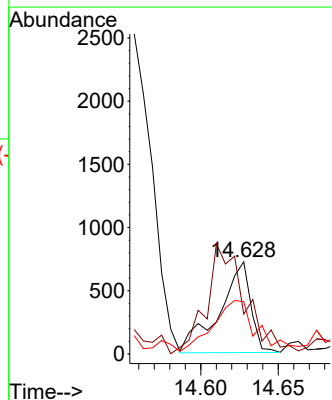
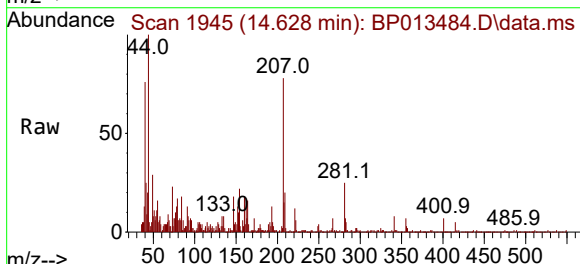
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BNA\_P  
ClientSampleId :  
PB150193BL

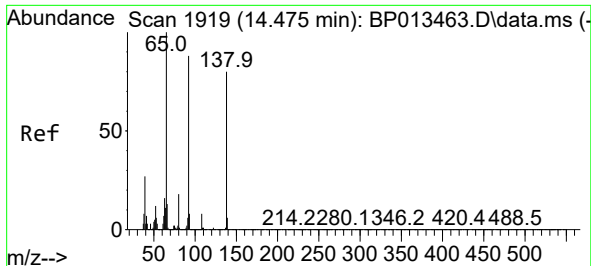
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:165 | Resp: | 231       |
| Ion Ratio   | Lower | Upper     |
| 165         | 100   |           |
| 63          | 62.5  | 42.8 64.2 |
| 89          | 47.4  | 42.5 63.7 |



#52  
Acenaphthene  
Concen: 0.016 ng  
RT: 14.628 min Scan# 1945  
Delta R.T. 0.006 min  
Lab File: BP013484.D  
Acq: 16 Jan 2023 16:37

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:154 | Resp: | 1016        |
| Ion Ratio   | Lower | Upper       |
| 154         | 100   |             |
| 153         | 43.3  | 89.2 133.8# |
| 152         | 56.8  | 42.8 64.2   |

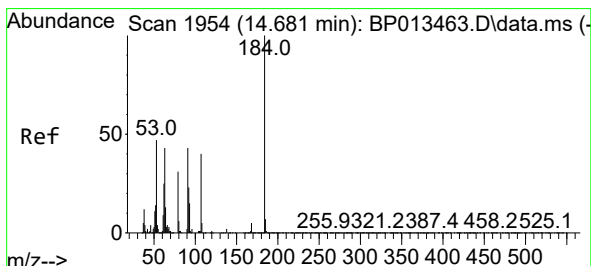
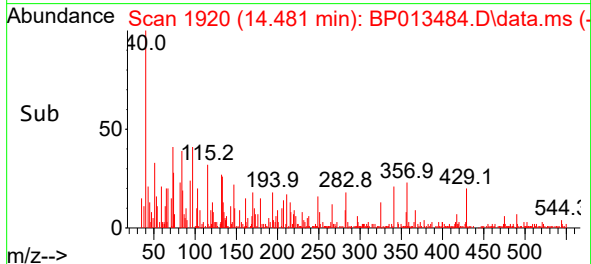
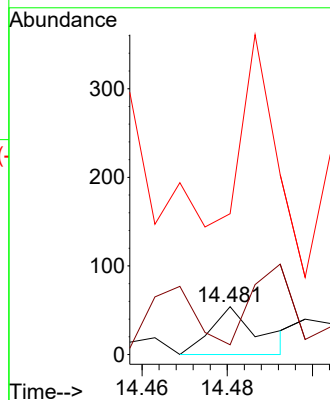
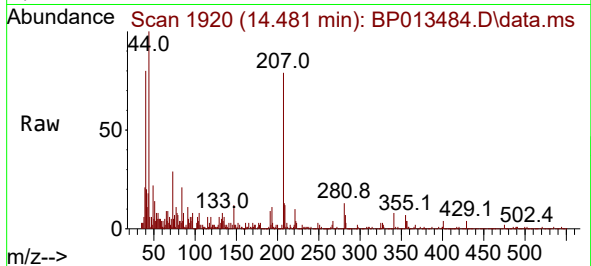




#53  
3-Nitroaniline  
Concen: 0.002 ng  
RT: 14.481 min Scan# 1919  
Delta R.T. 0.006 min  
Lab File: BP013484.D  
Acq: 16 Jan 2023 16:37

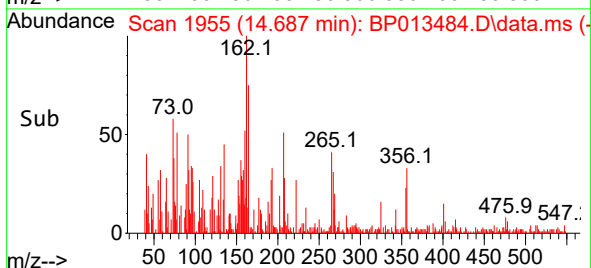
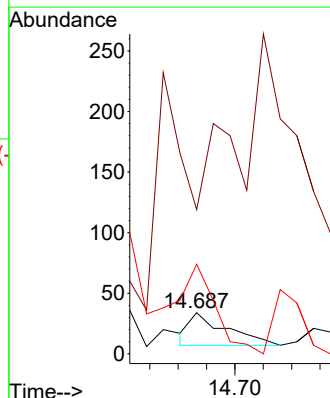
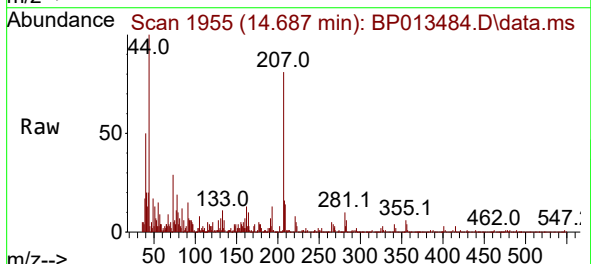
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BNA\_P  
ClientSampleId :  
PB150193BL

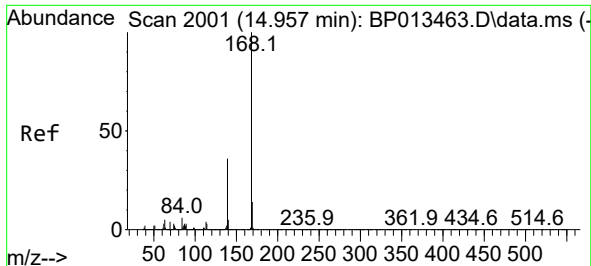
Tgt Ion:138 Resp: 43  
Ion Ratio Lower Upper  
138 100  
108 20.4 7.7 11.5#  
92 294.4 88.2 132.2#



#54  
2,4-Dinitrophenol  
Concen: 0.002 ng  
RT: 14.687 min Scan# 1955  
Delta R.T. 0.006 min  
Lab File: BP013484.D  
Acq: 16 Jan 2023 16:37

Tgt Ion:184 Resp: 24  
Ion Ratio Lower Upper  
184 100  
63 423.5 49.8 74.8#  
154 217.6 45.8 68.8#

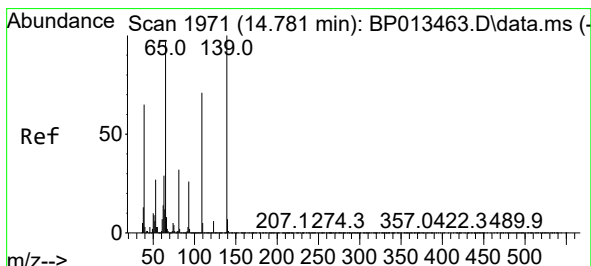
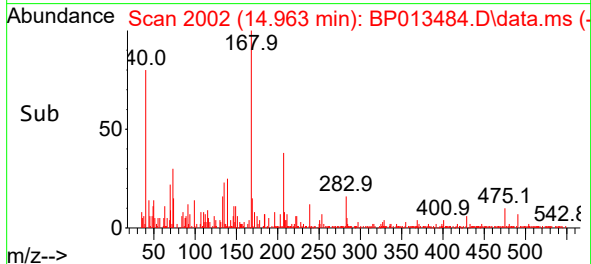
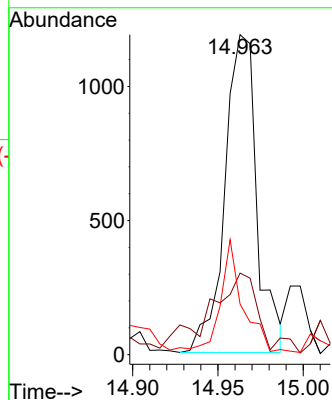
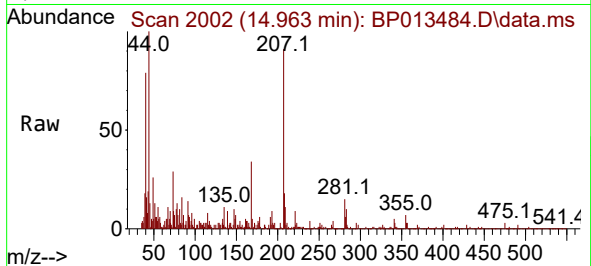




#55  
Dibenzenofuran  
Concen: 0.015 ng  
RT: 14.963 min Scan# 2001  
Delta R.T. 0.006 min  
Lab File: BP013484.D  
Acq: 16 Jan 2023 16:37

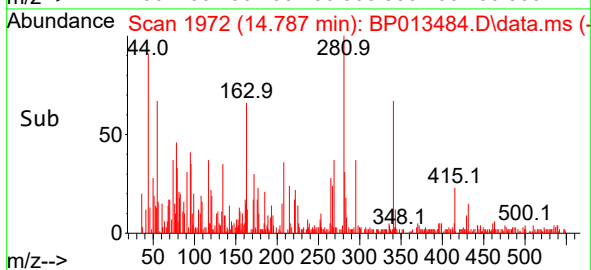
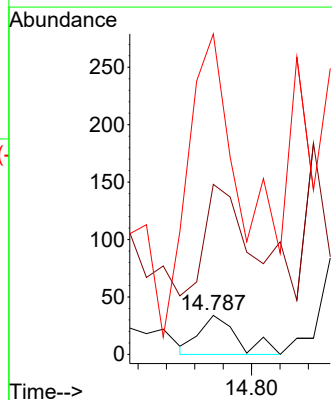
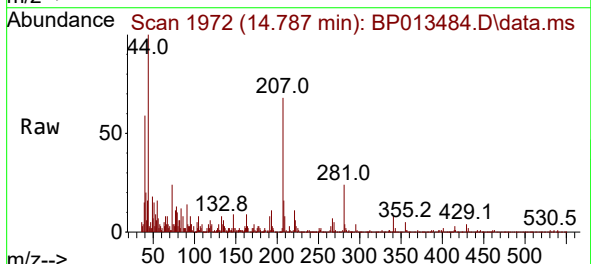
Instrument :  
BNA\_P  
ClientSampleId :  
PB150193BL

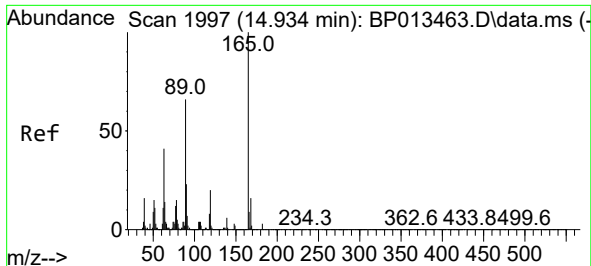
Tgt Ion:168 Resp: 1556  
Ion Ratio Lower Upper  
168 100  
139 26.2 28.6 43.0#  
169 15.8 11.0 16.6



#56  
4-Nitrophenol  
Concen: 0.002 ng  
RT: 14.787 min Scan# 1972  
Delta R.T. 0.006 min  
Lab File: BP013484.D  
Acq: 16 Jan 2023 16:37

Tgt Ion:139 Resp: 32  
Ion Ratio Lower Upper  
139 100  
109 435.3 51.0 91.0#  
65 820.6 77.3 117.3#

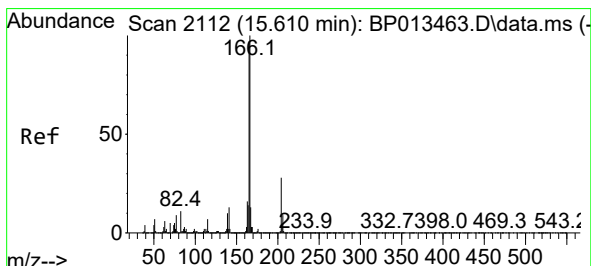
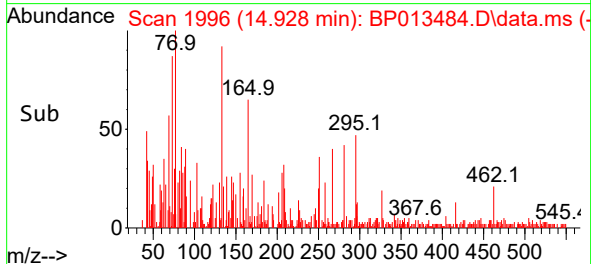
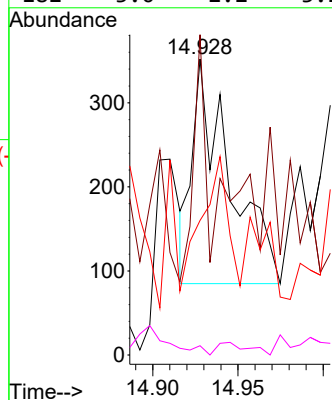
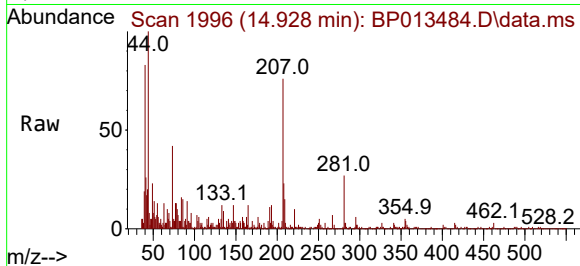




#57  
2,4-Dinitrotoluene  
Concen: 0.015 ng  
RT: 14.928 min Scan# 1996  
Delta R.T. -0.006 min  
Lab File: BP013484.D  
Acq: 16 Jan 2023 16:37

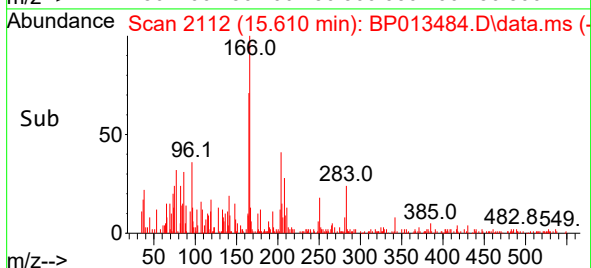
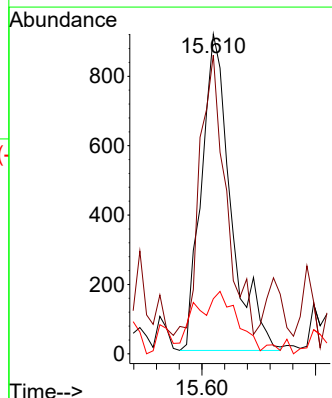
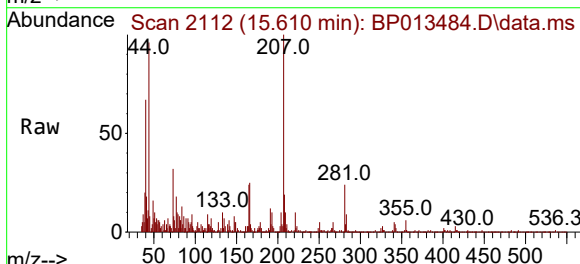
Instrument :  
BNA\_P  
ClientSampleId :  
PB150193BL

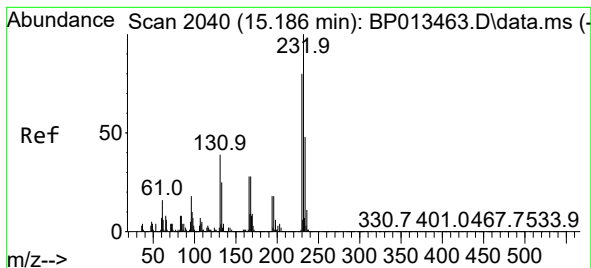
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:165 | Resp: | 407        |
| Ion Ratio   | Lower | Upper      |
| 165         | 100   |            |
| 63          | 105.2 | 33.3 49.9# |
| 89          | 44.2  | 52.6 78.8# |
| 182         | 3.0   | 2.2 3.2    |



#58  
Fluorene  
Concen: 0.020 ng  
RT: 15.610 min Scan# 2112  
Delta R.T. 0.000 min  
Lab File: BP013484.D  
Acq: 16 Jan 2023 16:37

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:166 | Resp: | 1639       |
| Ion Ratio   | Lower | Upper      |
| 166         | 100   |            |
| 165         | 93.4  | 77.9 116.9 |
| 167         | 17.2  | 10.7 16.1# |

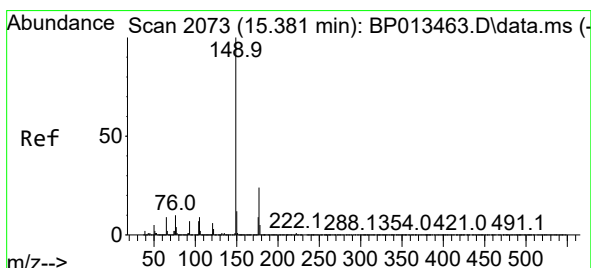
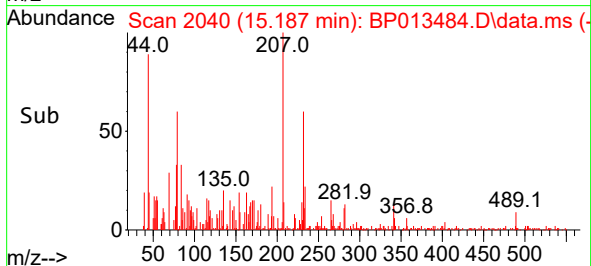
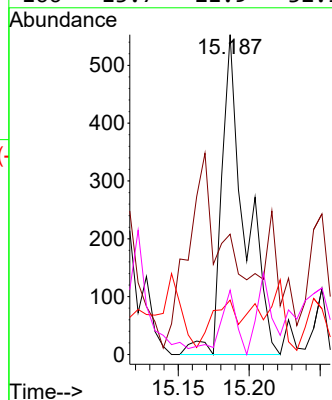
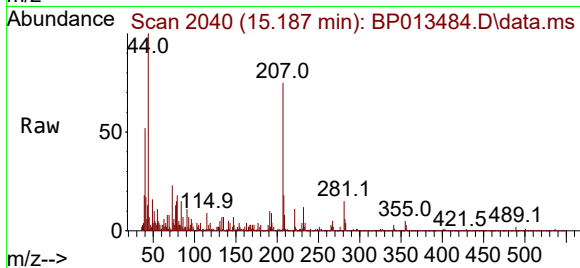




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 0.024 ng  
RT: 15.187 min Scan# 2040  
Delta R.T. 0.000 min  
Lab File: BP013484.D  
Acq: 16 Jan 2023 16:37

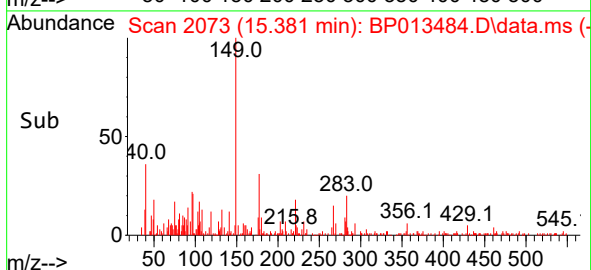
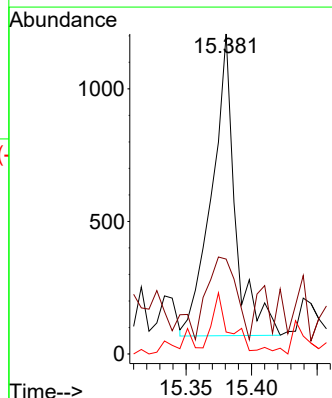
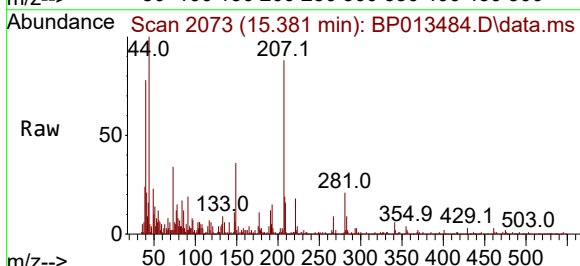
Instrument :  
BNA\_P  
ClientSampleId :  
PB150193BL

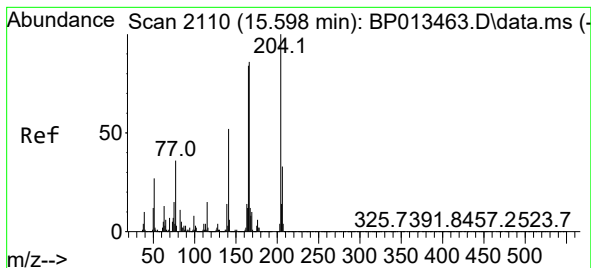
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 232   | Resp: | 627   |
| Ion      | Ratio | Lower | Upper |
| 232      | 100   |       |       |
| 131      | 96.7  | 30.3  | 45.5# |
| 130      | 15.6  | 1.7   | 2.5#  |
| 166      | 13.7  | 21.9  | 32.9# |



#60  
Diethylphthalate  
Concen: 0.016 ng  
RT: 15.381 min Scan# 2073  
Delta R.T. 0.000 min  
Lab File: BP013484.D  
Acq: 16 Jan 2023 16:37

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 149   | Resp: | 1419  |
| Ion      | Ratio | Lower | Upper |
| 149      | 100   |       |       |
| 177      | 29.7  | 18.8  | 28.2# |
| 150      | 6.9   | 9.9   | 14.9# |

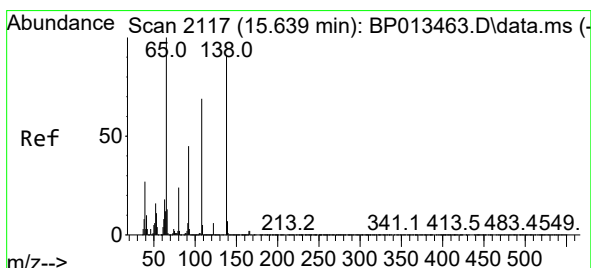
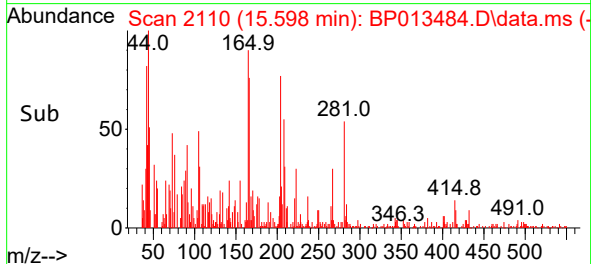
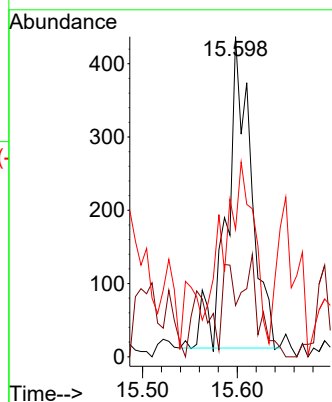
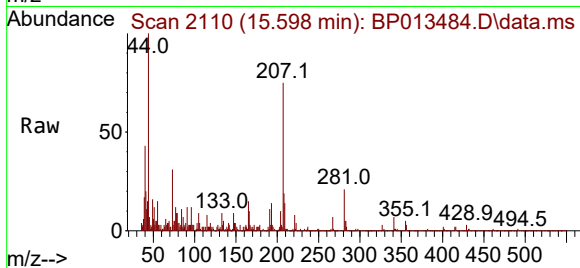




#61  
4-Chlorophenyl-phenylether  
Concen: 0.017 ng  
RT: 15.598 min Scan# 2110  
Delta R.T. 0.000 min  
Lab File: BP013484.D  
Acq: 16 Jan 2023 16:37

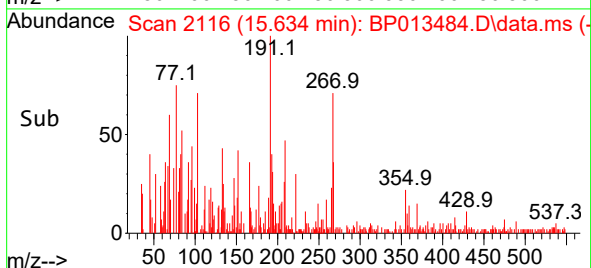
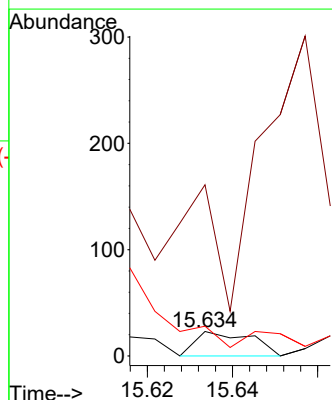
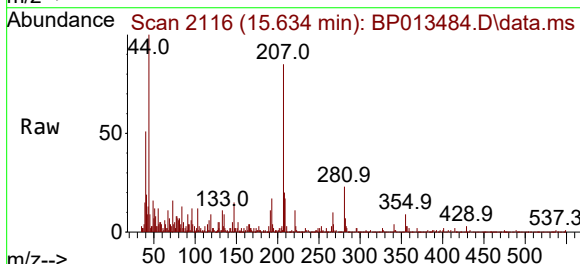
Instrument :  
BNA\_P  
ClientSampleId :  
PB150193BL

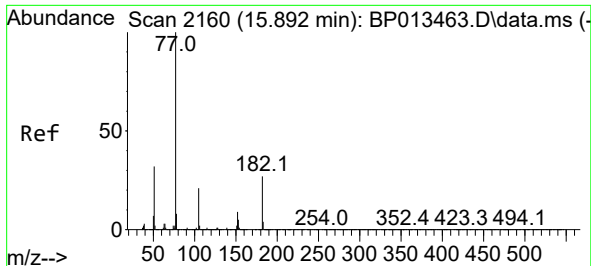
Tgt Ion:204 Resp: 757  
Ion Ratio Lower Upper  
204 100  
206 16.0 26.4 39.6#  
141 39.8 41.3 61.9#



#62  
4-Nitroaniline  
Concen: 0.001 ng  
RT: 15.634 min Scan# 2116  
Delta R.T. -0.006 min  
Lab File: BP013484.D  
Acq: 16 Jan 2023 16:37

Tgt Ion:138 Resp: 21  
Ion Ratio Lower Upper  
138 100  
92 700.0 29.7 69.7#  
108 121.7 55.8 95.8#

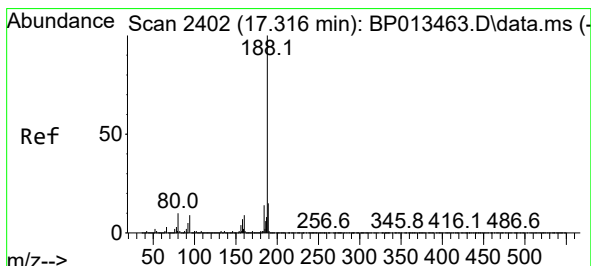
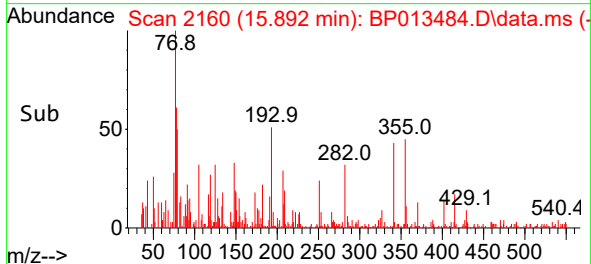
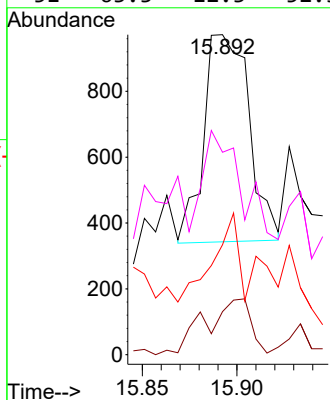
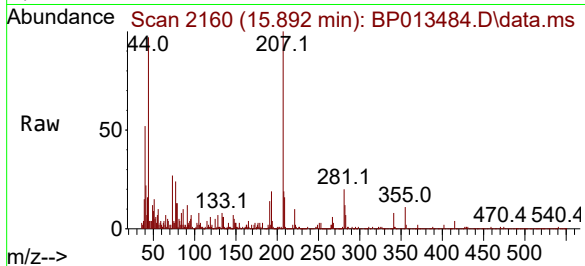




#63  
Azobenzene  
Concen: 0.013 ng  
RT: 15.892 min Scan# 2160  
Delta R.T. 0.000 min  
Lab File: BP013484.D  
Acq: 16 Jan 2023 16:37

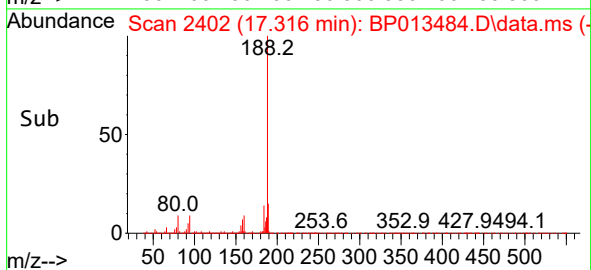
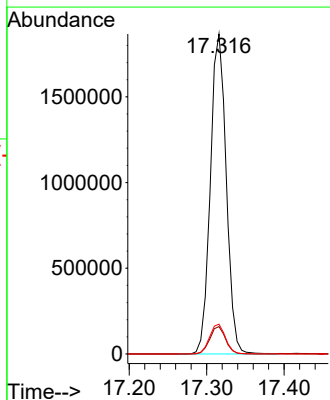
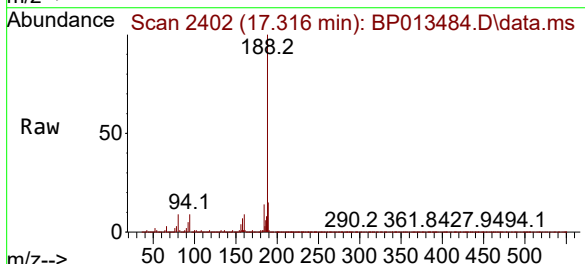
Instrument :  
BNA\_P  
ClientSampleId :  
PB150193BL

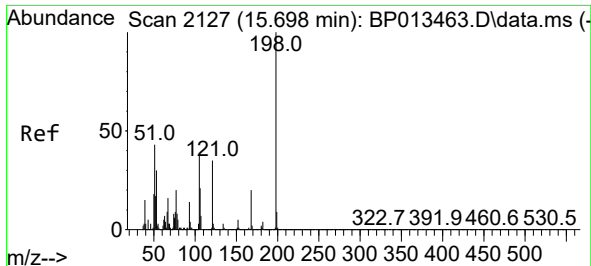
|             |             |
|-------------|-------------|
| Tgt Ion: 77 | Resp: 1047  |
| Ion Ratio   | Lower Upper |
| 77 100      |             |
| 182 13.5    | 7.0 47.0    |
| 105 34.4    | 1.0 41.0    |
| 51 63.3     | 12.3 52.3#  |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.316 min Scan# 2402  
Delta R.T. 0.000 min  
Lab File: BP013484.D  
Acq: 16 Jan 2023 16:37

|             |               |       |  |
|-------------|---------------|-------|--|
| Tgt Ion:188 | Resp: 2658335 |       |  |
| Ion Ratio   | Lower         | Upper |  |
| 188 100     |               |       |  |
| 94 8.6      | 7.1           | 10.7  |  |
| 80 9.3      | 7.9           | 11.9  |  |

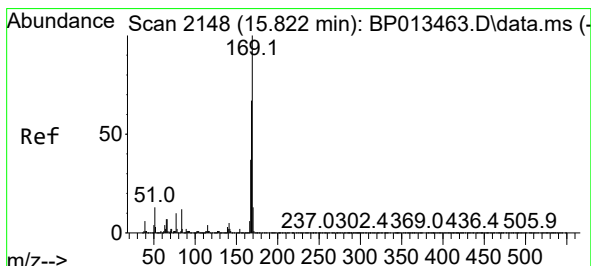
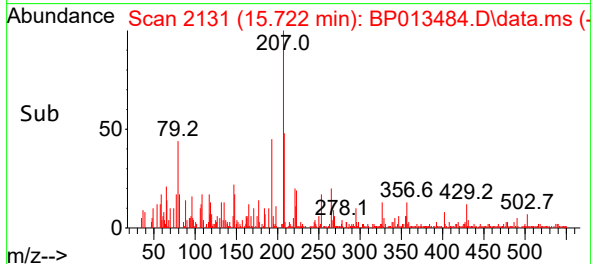
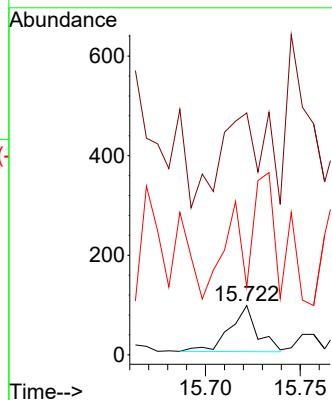
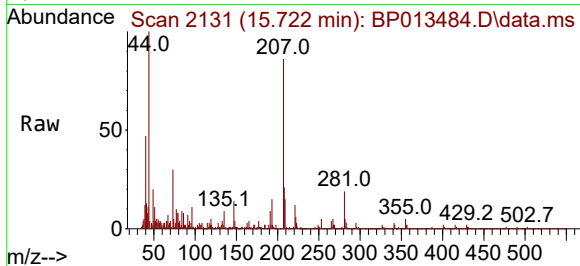




#65  
4,6-Dinitro-2-methylphenol  
Concen: 0.005 ng  
RT: 15.722 min Scan# 2127  
Delta R.T. 0.024 min  
Lab File: BP013484.D  
Acq: 16 Jan 2023 16:37

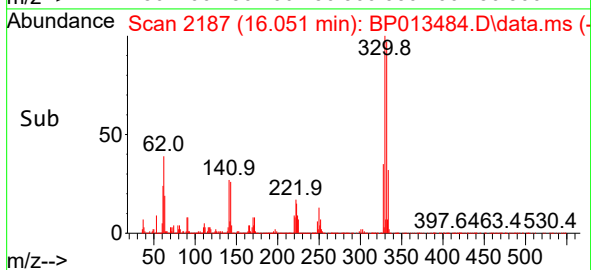
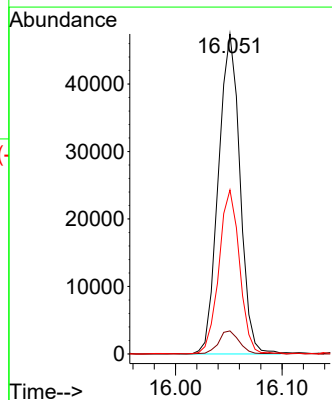
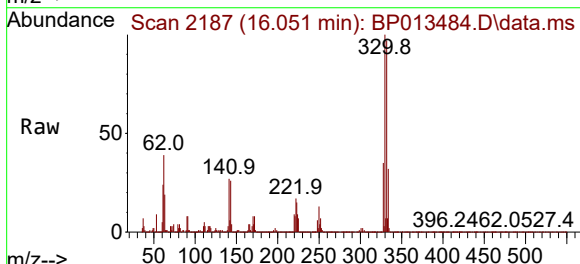
Instrument :  
BNA\_P  
ClientSampleId :  
PB150193BL

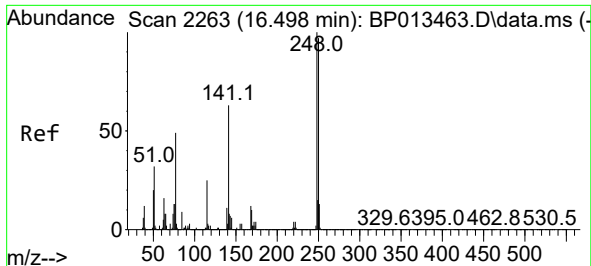
Tgt Ion:198 Resp: 94  
Ion Ratio Lower Upper  
198 100  
51 441.8 23.6 63.6#  
105 123.6 17.9 57.9#



#66  
n-Nitrosodiphenylamine  
Concen: 0.852 ng  
RT: 16.051 min Scan# 2187  
Delta R.T. 0.229 min  
Lab File: BP013484.D  
Acq: 16 Jan 2023 16:37

Tgt Ion:169 Resp: 66520  
Ion Ratio Lower Upper  
169 100  
168 7.2 53.3 79.9#  
167 51.3 29.4 44.0#

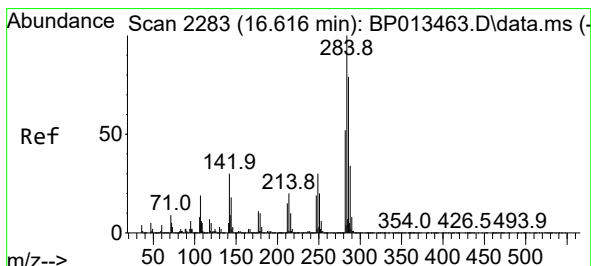
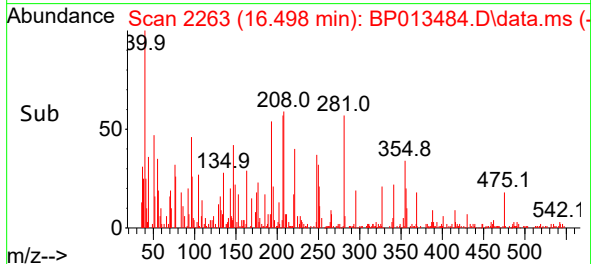
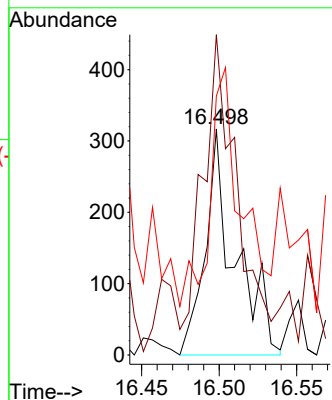
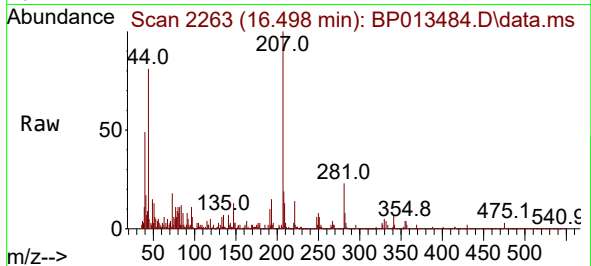




#67  
4-Bromophenyl-phenylether  
Concen: 0.014 ng  
RT: 16.498 min Scan# 211  
Delta R.T. 0.000 min  
Lab File: BP013484.D  
Acq: 16 Jan 2023 16:37

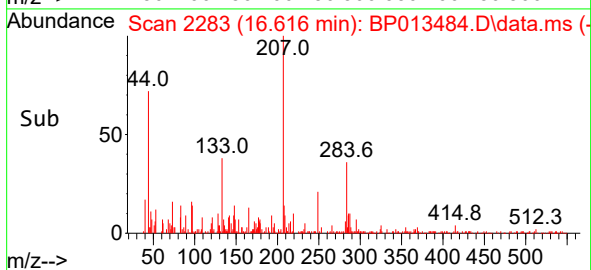
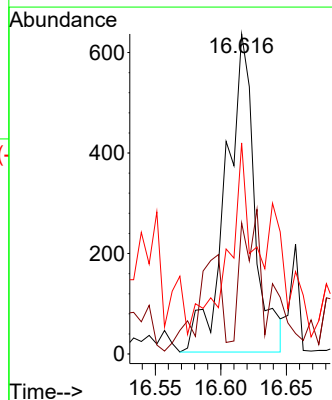
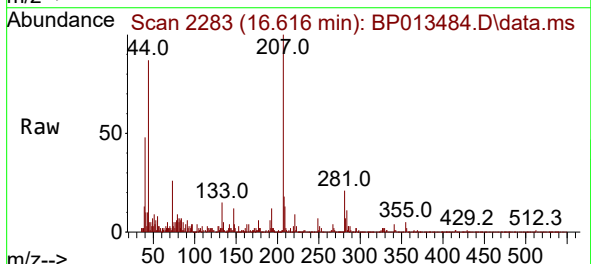
Instrument :  
BNA\_P  
ClientSampleId :  
PB150193BL

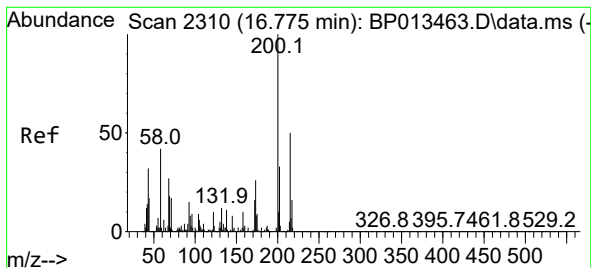
Tgt Ion:248 Resp: 421  
Ion Ratio Lower Upper  
248 100  
250 141.6 77.7 116.5#  
141 114.5 50.2 75.4#



#68  
Hexachlorobenzene  
Concen: 0.029 ng  
RT: 16.616 min Scan# 2283  
Delta R.T. 0.000 min  
Lab File: BP013484.D  
Acq: 16 Jan 2023 16:37

Tgt Ion:284 Resp: 969  
Ion Ratio Lower Upper  
284 100  
142 41.0 23.9 35.9#  
249 65.9 24.1 36.1#





#69

Atrazine

Concen: 0.016 ng

RT: 16.786 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP013484.D

Acq: 16 Jan 2023 16:37

Instrument :

BNA\_P

ClientSampleId :

PB150193BL

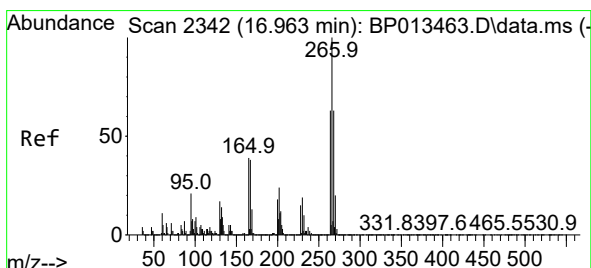
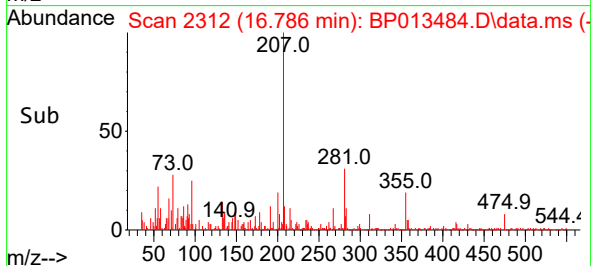
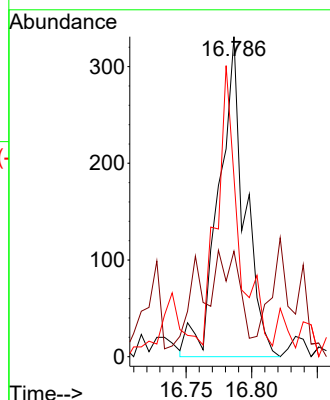
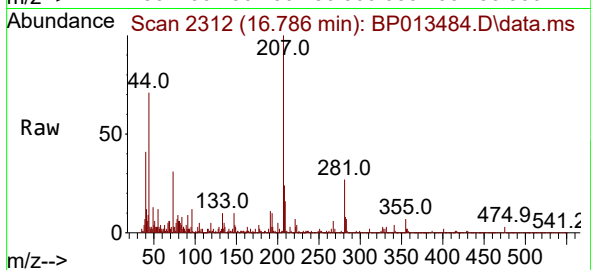
Tgt Ion:200 Resp: 455

Ion Ratio Lower Upper

200 100

173 32.9 5.9 45.9

215 56.2 30.0 70.0



#70

Pentachlorophenol

Concen: 0.046 ng

RT: 16.975 min Scan# 2344

Delta R.T. 0.012 min

Lab File: BP013484.D

Acq: 16 Jan 2023 16:37

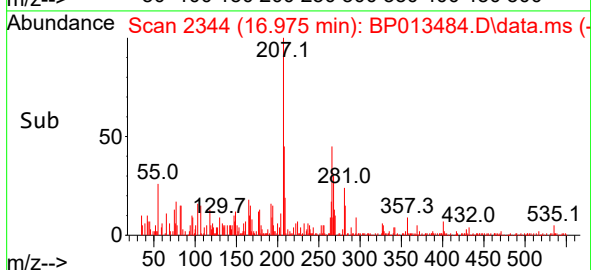
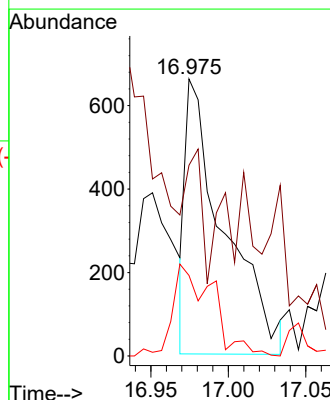
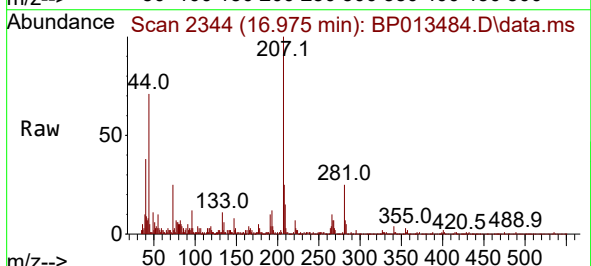
Tgt Ion:266 Resp: 1130

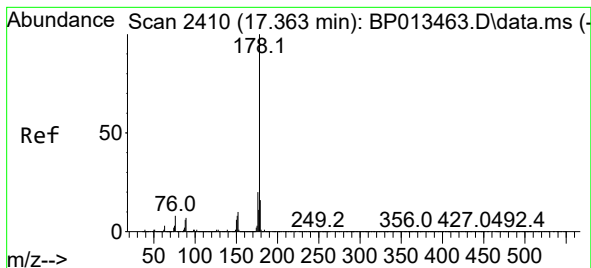
Ion Ratio Lower Upper

266 100

268 97.1 50.7 76.1#

264 29.1 50.4 75.6#





#71

Phenanthrene

Concen: 0.017 ng

RT: 17.357 min Scan# 2410

Delta R.T. -0.006 min

Lab File: BP013484.D

Acq: 16 Jan 2023 16:37

Instrument :

BNA\_P

ClientSampleId :

PB150193BL

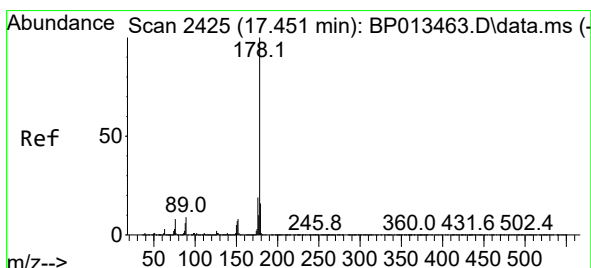
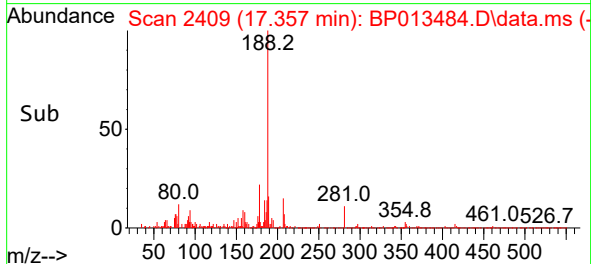
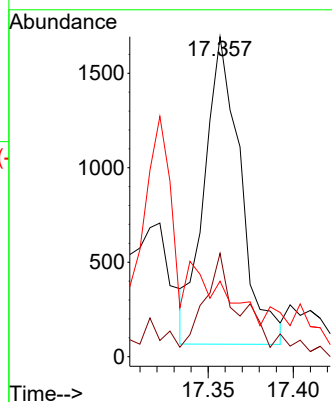
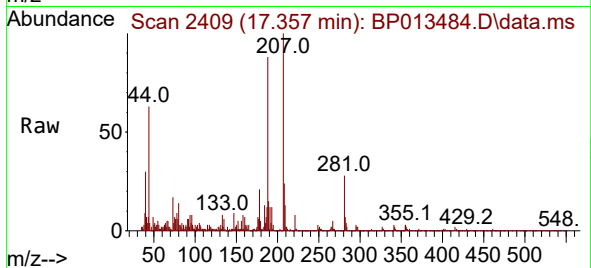
Tgt Ion:178 Resp: 2401

Ion Ratio Lower Upper

178 100

176 32.3 15.8 23.6#

179 23.6 12.6 19.0#



#72

Anthracene

Concen: 0.014 ng

RT: 17.457 min Scan# 2426

Delta R.T. 0.006 min

Lab File: BP013484.D

Acq: 16 Jan 2023 16:37

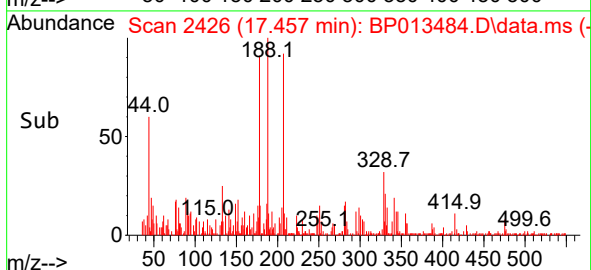
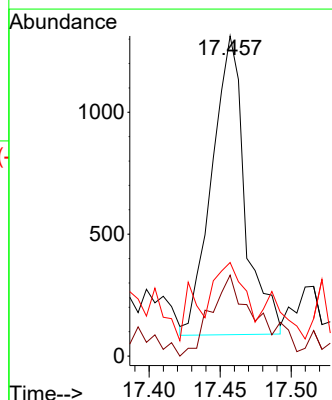
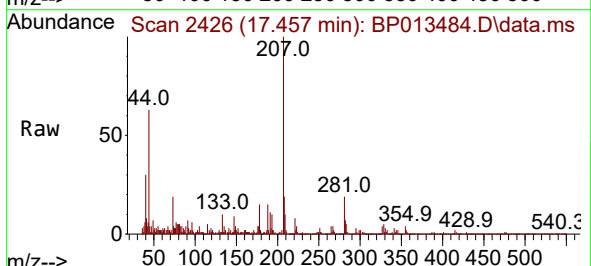
Tgt Ion:178 Resp: 1991

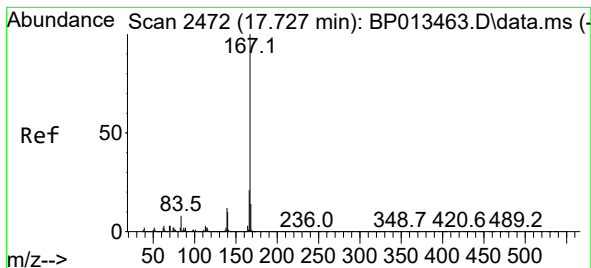
Ion Ratio Lower Upper

178 100

176 25.3 15.2 22.8#

179 29.2 12.6 18.8#





#73

Carbazole

Concen: 0.014 ng

RT: 17.739 min Scan# 2474

Delta R.T. 0.012 min

Lab File: BP013484.D

Acq: 16 Jan 2023 16:37

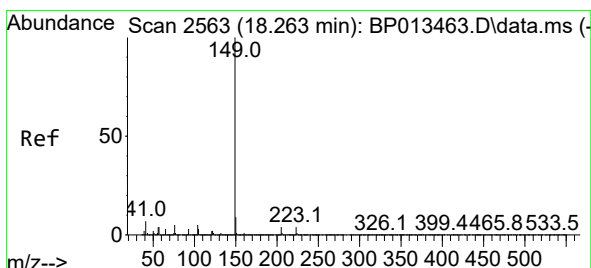
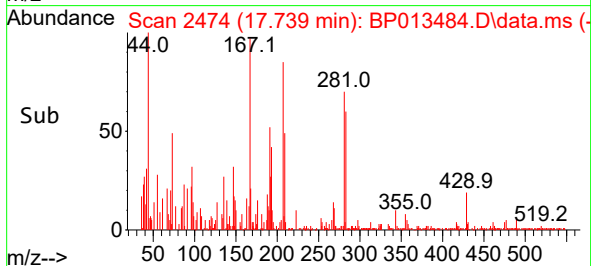
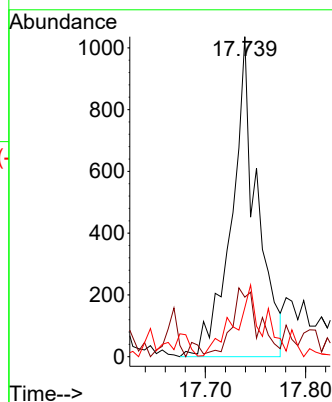
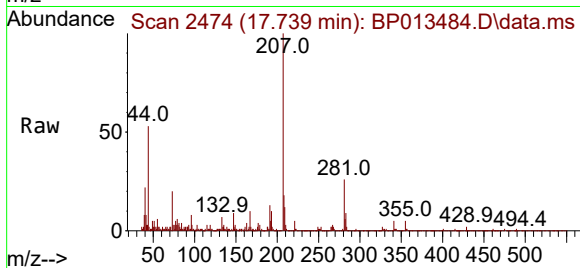
Instrument :

BNA\_P

ClientSampleId :

PB150193BL

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 167   | Resp: | 1812 |
| Ion Ratio | Lower | Upper |      |
| 167       | 100   |       |      |
| 166       | 18.6  | 17.2  | 25.8 |
| 139       | 15.3  | 9.9   | 14.9 |



#74

Di-n-butylphthalate

Concen: 0.021 ng

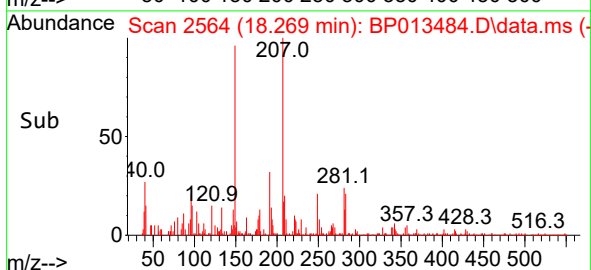
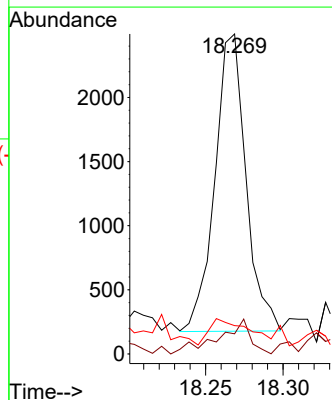
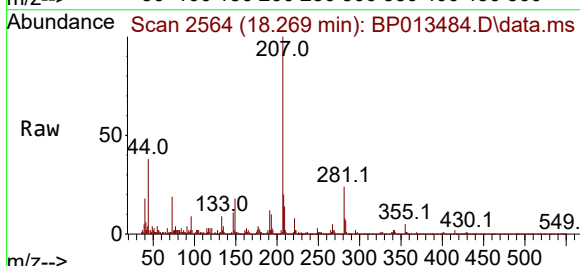
RT: 18.269 min Scan# 2564

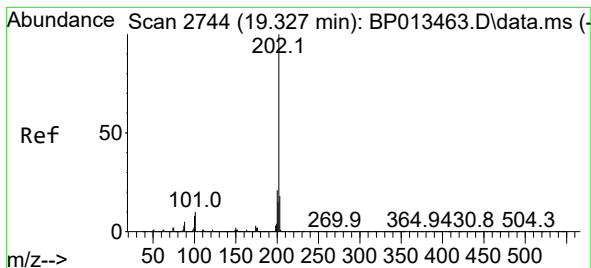
Delta R.T. 0.006 min

Lab File: BP013484.D

Acq: 16 Jan 2023 16:37

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 149   | Resp: | 3241 |
| Ion Ratio | Lower | Upper |      |
| 149       | 100   |       |      |
| 150       | 6.3   | 7.5   | 11.3 |
| 104       | 8.9   | 3.9   | 5.9  |





#75

Fluoranthene

Concen: 0.018 ng

RT: 19.327 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP013484.D

Acq: 16 Jan 2023 16:37

Instrument :

BNA\_P

ClientSampleId :

PB150193BL

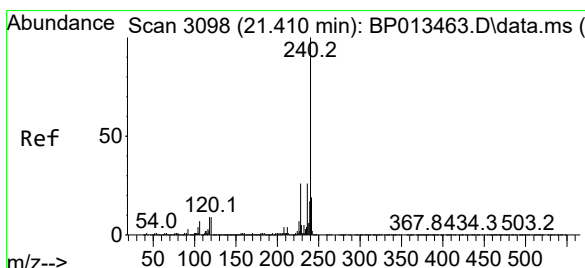
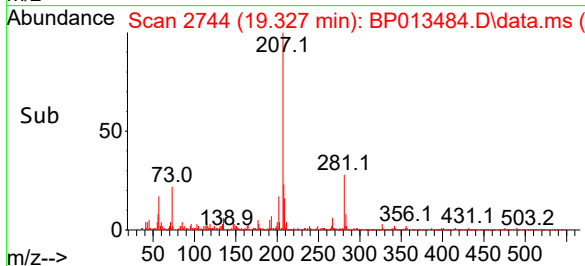
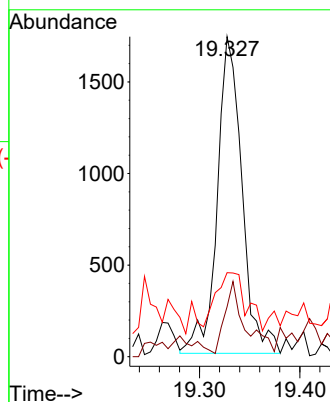
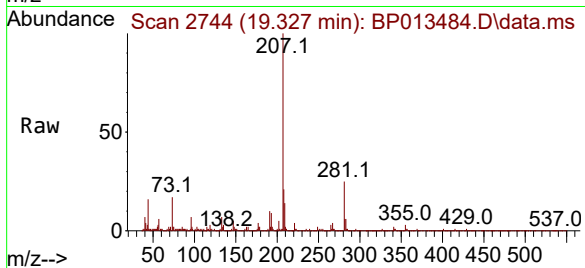
Tgt Ion:202 Resp: 2960

Ion Ratio Lower Upper

202 100

101 15.6 0.0 30.3

203 26.3 0.0 37.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.404 min Scan# 3097

Delta R.T. -0.006 min

Lab File: BP013484.D

Acq: 16 Jan 2023 16:37

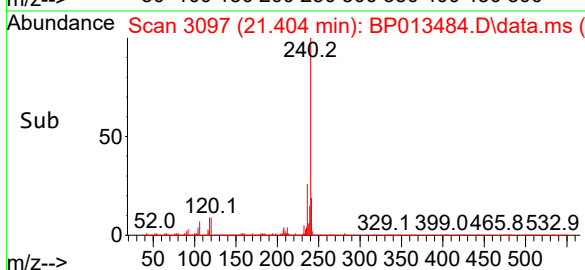
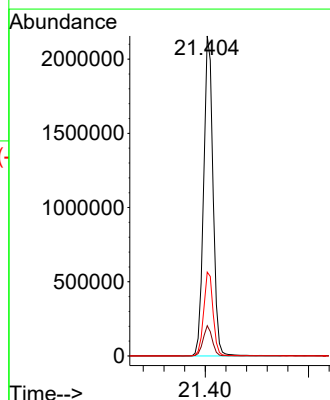
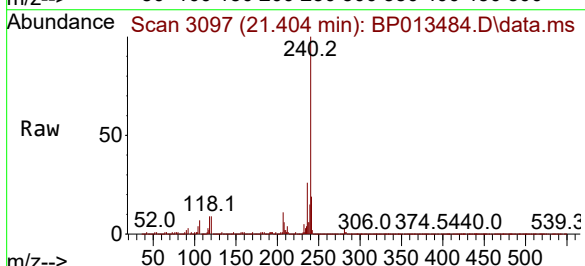
Tgt Ion:240 Resp: 2714259

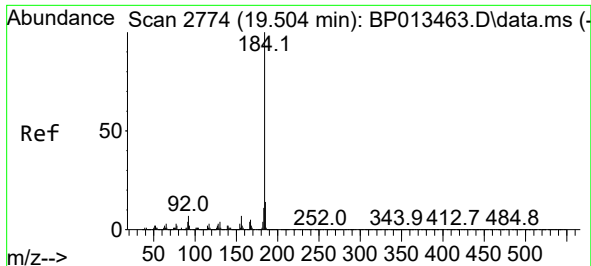
Ion Ratio Lower Upper

240 100

120 9.4 7.4 11.0

236 26.2 21.2 31.8

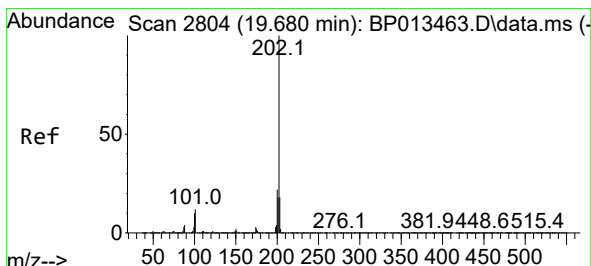
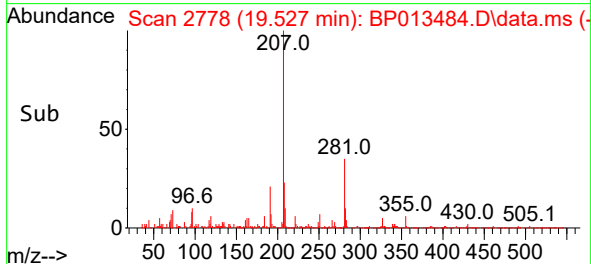
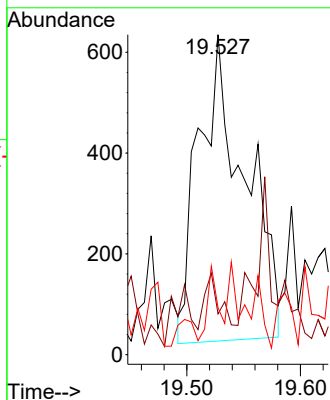
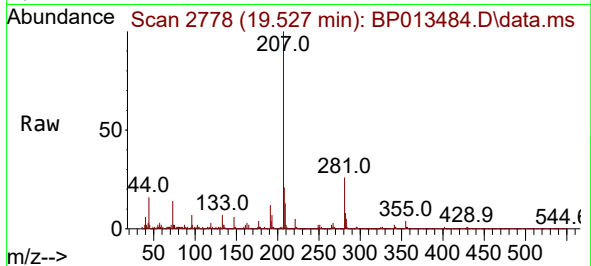




#77  
Benzidine  
Concen: 0.021 ng  
RT: 19.527 min Scan# 21  
Delta R.T. 0.024 min  
Lab File: BP013484.D  
Acq: 16 Jan 2023 16:37

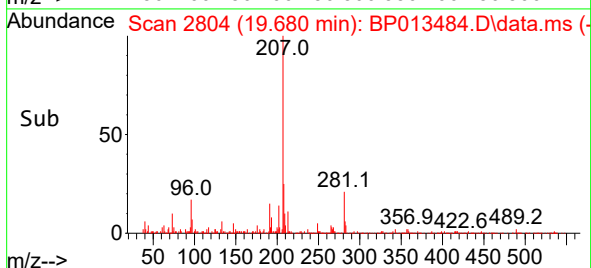
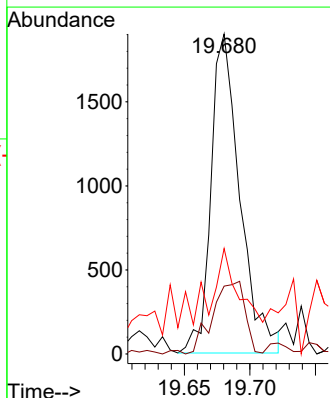
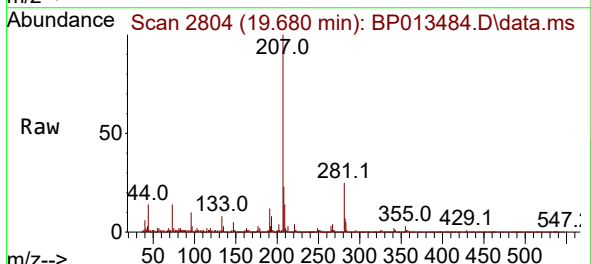
Instrument :  
BNA\_P  
ClientSampleId :  
PB150193BL

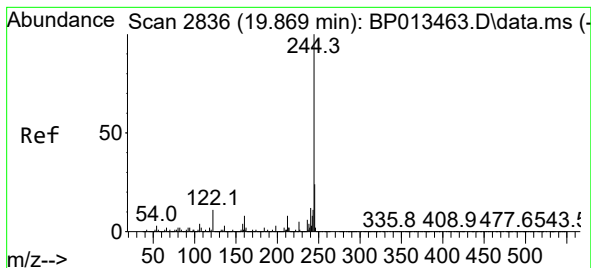
Tgt Ion:184 Resp: 1715  
Ion Ratio Lower Upper  
184 100  
185 12.8 11.3 16.9  
183 14.6 9.1 13.7#



#78  
Pyrene  
Concen: 0.016 ng  
RT: 19.680 min Scan# 2804  
Delta R.T. 0.000 min  
Lab File: BP013484.D  
Acq: 16 Jan 2023 16:37

Tgt Ion:202 Resp: 2920  
Ion Ratio Lower Upper  
202 100  
200 21.2 17.4 26.2  
203 32.9 14.6 21.8#





#79

Terphenyl-d14

Concen: 90.353 ng

RT: 19.869 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP013484.D

Acq: 16 Jan 2023 16:37

Instrument :

BNA\_P

ClientSampleId :

PB150193BL

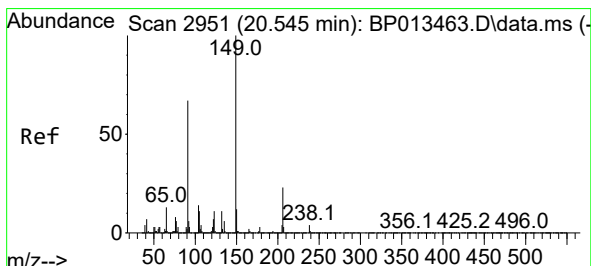
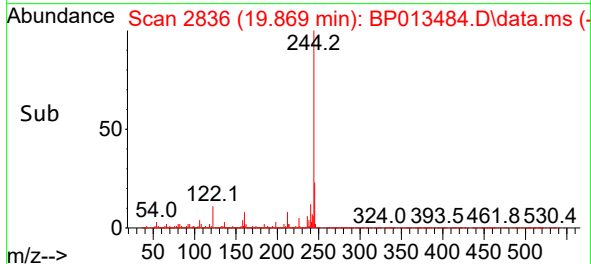
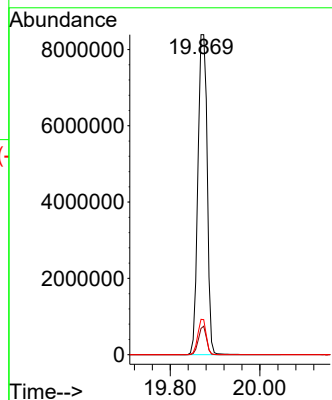
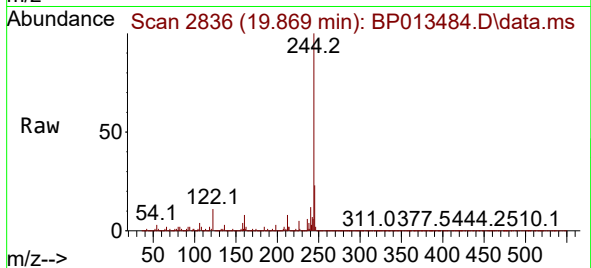
Tgt Ion:244 Resp:11995651

Ion Ratio Lower Upper

244 100

212 8.2 6.8 10.2

122 11.0 8.8 13.2



#80

Butylbenzylphthalate

Concen: 0.006 ng

RT: 20.622 min Scan# 2964

Delta R.T. 0.076 min

Lab File: BP013484.D

Acq: 16 Jan 2023 16:37

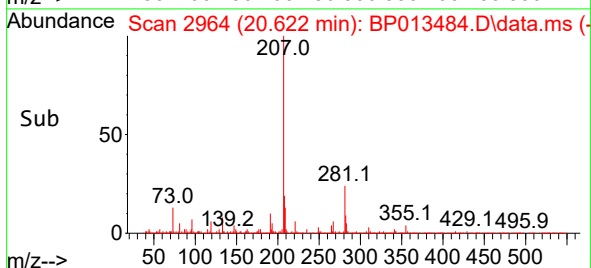
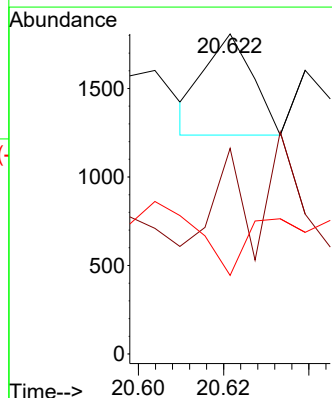
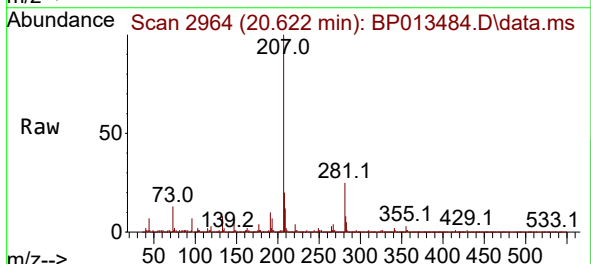
Tgt Ion:149 Resp: 445

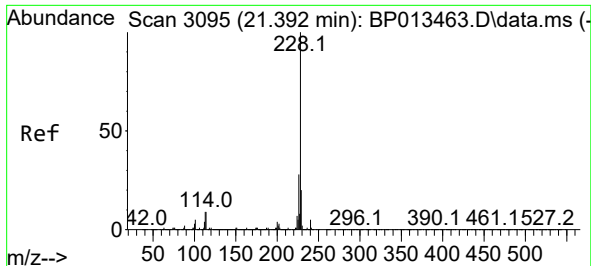
Ion Ratio Lower Upper

149 100

91 64.3 53.2 79.8

206 24.6 18.8 28.2

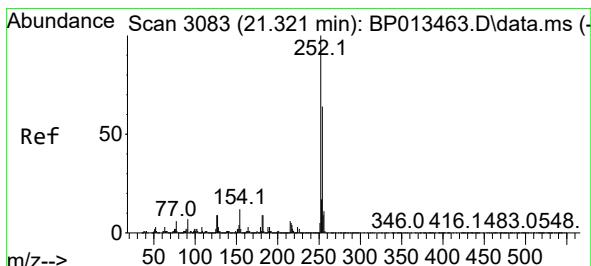
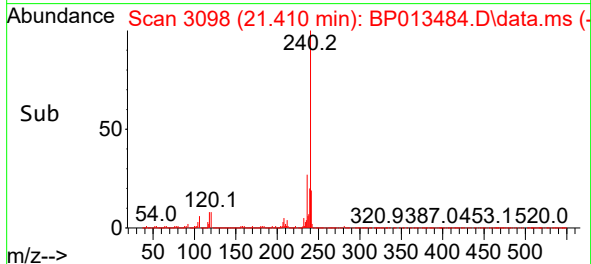
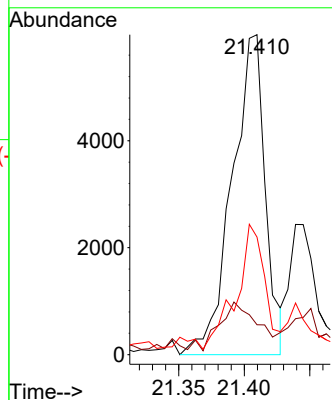
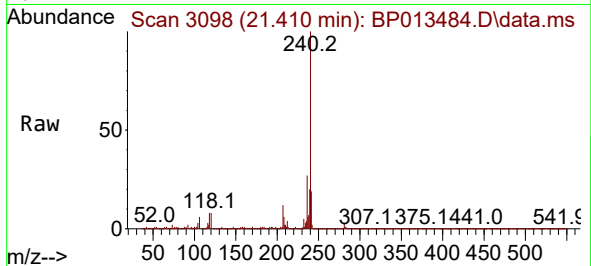




#81  
Benzo(a)anthracene  
Concen: 0.058 ng  
RT: 21.410 min Scan# 3095  
Delta R.T. 0.018 min  
Lab File: BP013484.D  
Acq: 16 Jan 2023 16:37

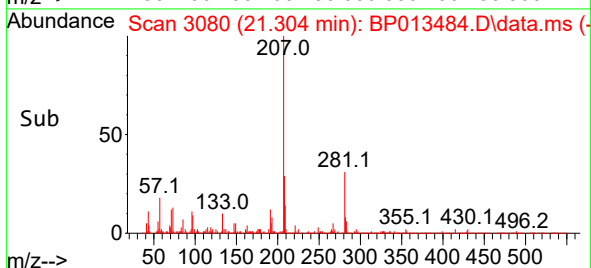
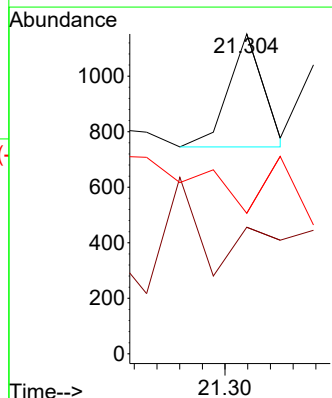
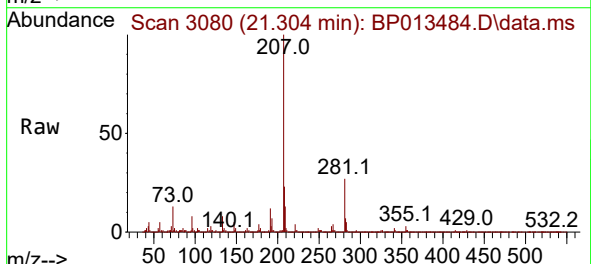
Instrument :  
BNA\_P  
ClientSampleId :  
PB150193BL

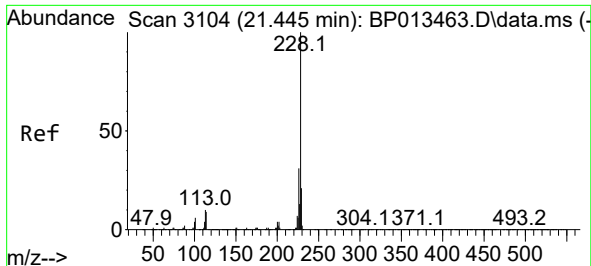
Tgt Ion:228 Resp: 10539  
Ion Ratio Lower Upper  
228 100  
226 9.3 22.6 34.0#  
229 36.7 16.4 24.6#



#82  
3,3'-Dichlorobenzidine  
Concen: 0.003 ng  
RT: 21.304 min Scan# 3080  
Delta R.T. -0.018 min  
Lab File: BP013484.D  
Acq: 16 Jan 2023 16:37

Tgt Ion:252 Resp: 174  
Ion Ratio Lower Upper  
252 100  
254 39.6 51.0 76.6#  
126 43.9 7.6 11.4#





#83

Chrysene

Concen: 0.020 ng

RT: 21.439 min Scan# 3104

Delta R.T. -0.006 min

Lab File: BP013484.D

Acq: 16 Jan 2023 16:37

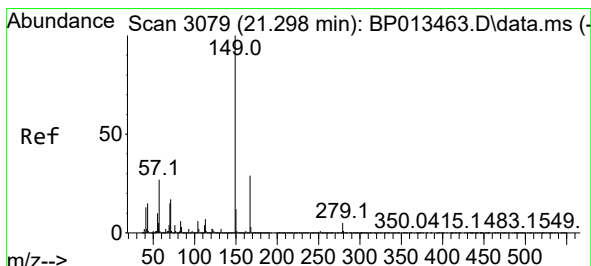
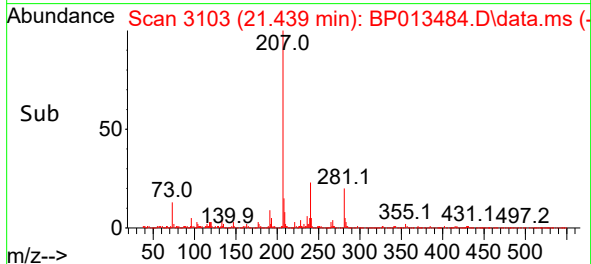
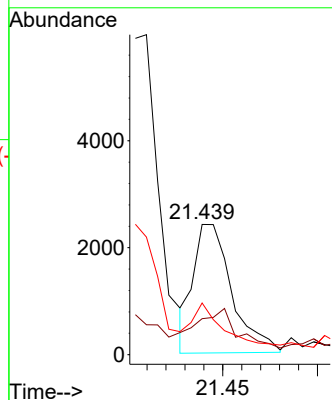
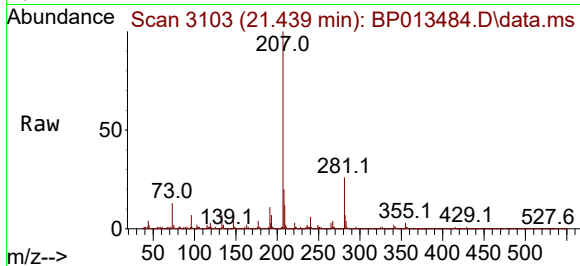
Instrument :

BNA\_P

ClientSampleId :

PB150193BL

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:228 | Resp: | 3416       |
| Ion Ratio   | Lower | Upper      |
| 228         | 100   |            |
| 226         | 27.6  | 25.1 37.7  |
| 229         | 39.7  | 16.5 24.7# |



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.041 ng

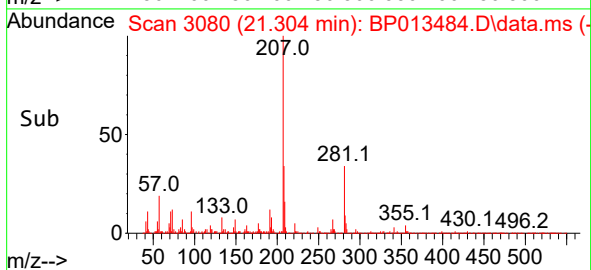
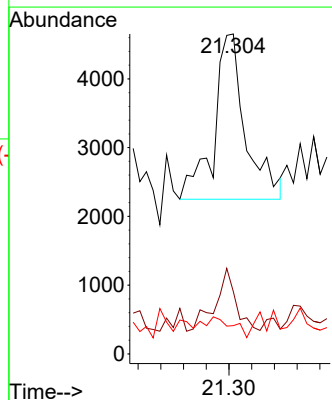
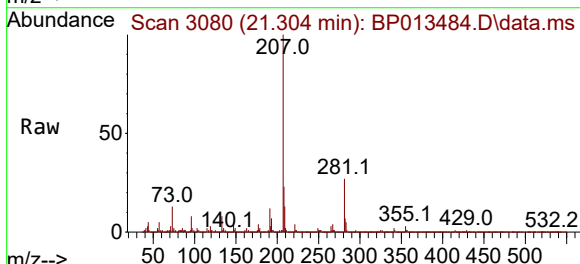
RT: 21.304 min Scan# 3080

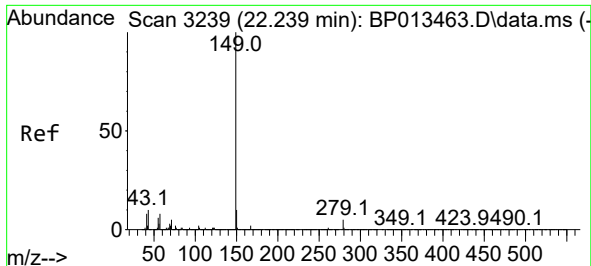
Delta R.T. 0.006 min

Lab File: BP013484.D

Acq: 16 Jan 2023 16:37

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:149 | Resp: | 4615       |
| Ion Ratio   | Lower | Upper      |
| 149         | 100   |            |
| 167         | 19.5  | 23.0 34.4# |
| 279         | 8.8   | 3.9 5.9#   |

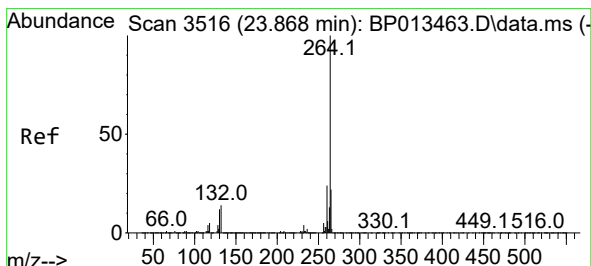
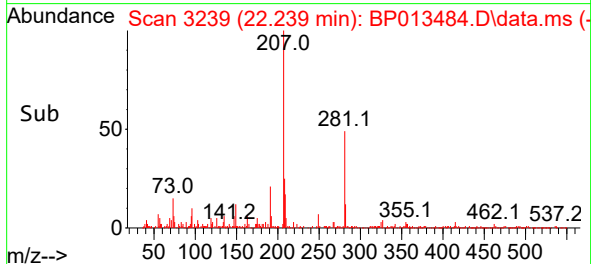
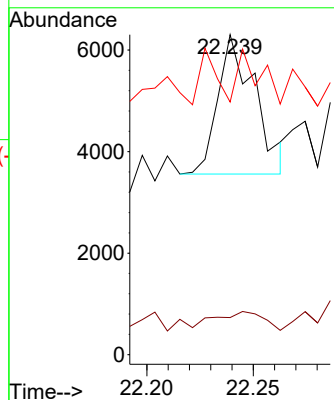
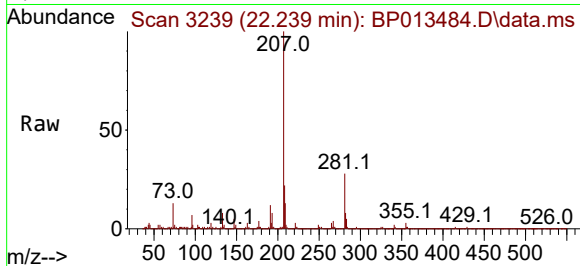




#85  
Di-n-octyl phthalate  
Concen: 0.017 ng  
RT: 22.239 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: BP013484.D  
Acq: 16 Jan 2023 16:37

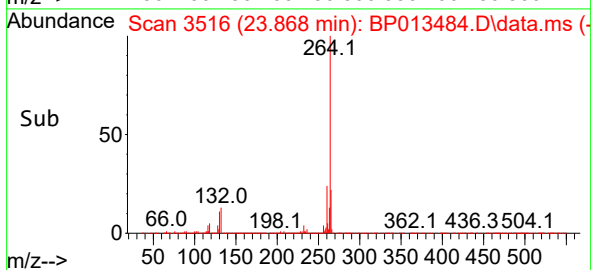
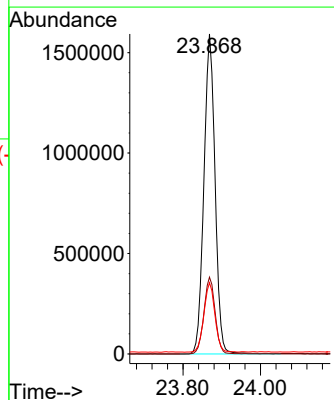
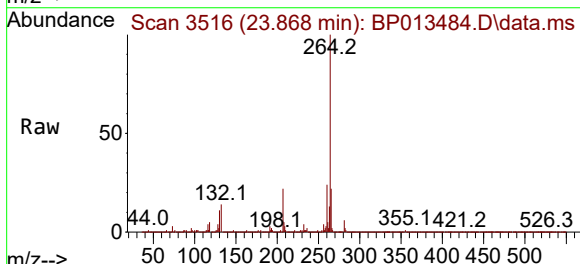
Instrument :  
BNA\_P  
ClientSampleId :  
PB150193BL

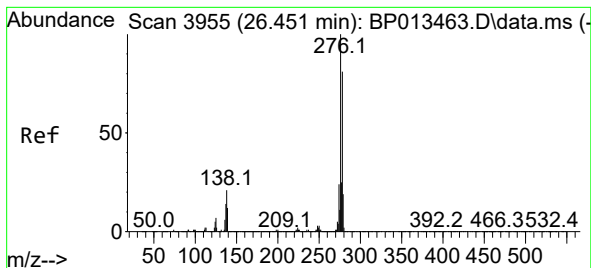
Tgt Ion:149 Resp: 3310  
Ion Ratio Lower Upper  
149 100  
167 17.6 1.3 1.9#  
43 24.6 7.9 11.9#



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.868 min Scan# 3516  
Delta R.T. 0.000 min  
Lab File: BP013484.D  
Acq: 16 Jan 2023 16:37

Tgt Ion:264 Resp: 3181171  
Ion Ratio Lower Upper  
264 100  
260 24.0 19.4 29.2  
265 22.3 18.1 27.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 0.002 ng

RT: 26.445 min Scan# 3955

Delta R.T. -0.006 min

Lab File: BP013484.D

Acq: 16 Jan 2023 16:37

Instrument :

BNA\_P

ClientSampleId :

PB150193BL

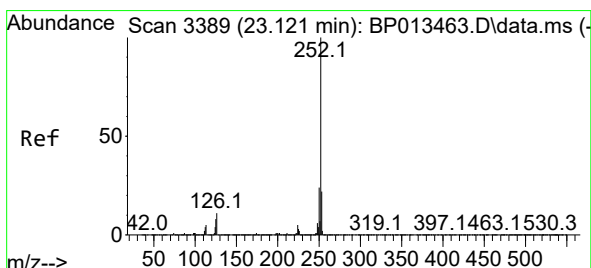
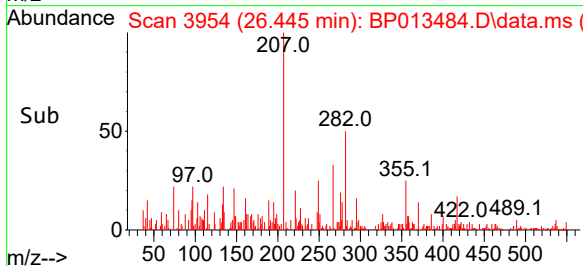
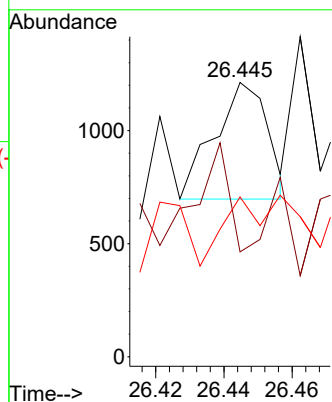
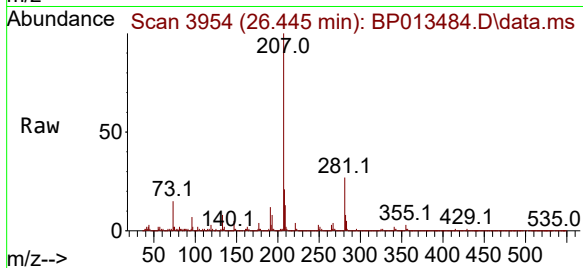
Tgt Ion:276 Resp: 560

Ion Ratio Lower Upper

276 100

138 104.6 17.0 25.4#

277 0.0 20.4 30.6#



#88

Benzo(b)fluoranthene

Concen: 0.024 ng

RT: 23.115 min Scan# 3388

Delta R.T. -0.006 min

Lab File: BP013484.D

Acq: 16 Jan 2023 16:37

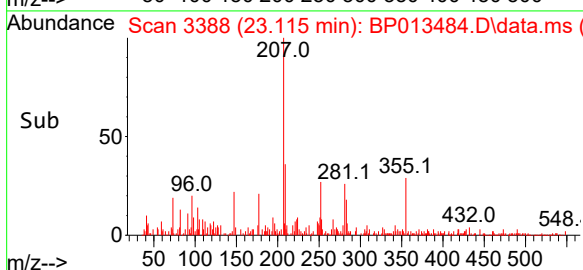
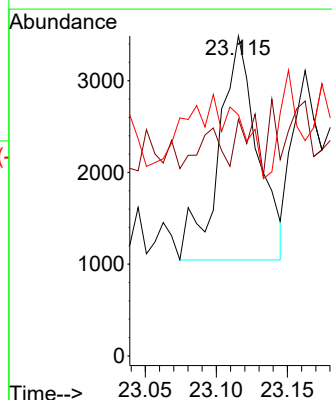
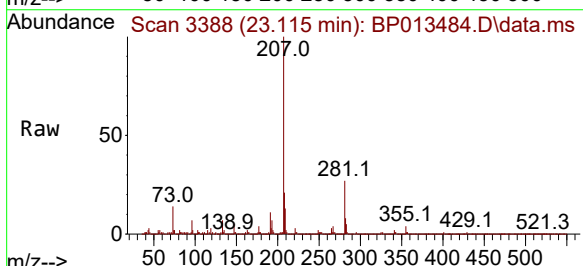
Tgt Ion:252 Resp: 4619

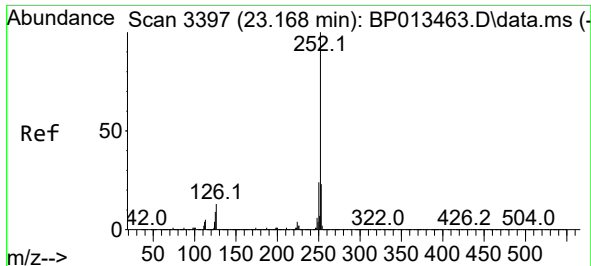
Ion Ratio Lower Upper

252 100

253 74.0 17.8 26.6#

125 75.3 6.7 10.1#

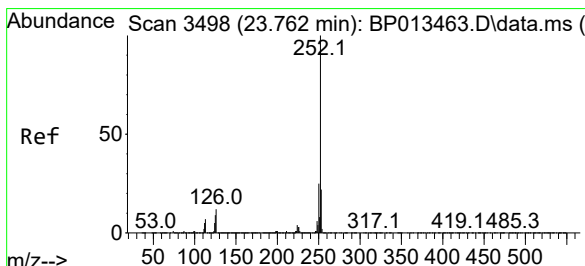
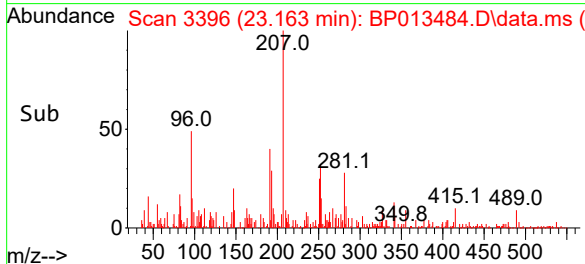
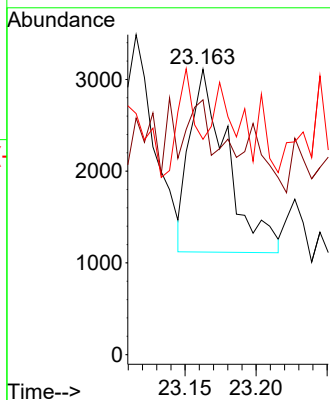
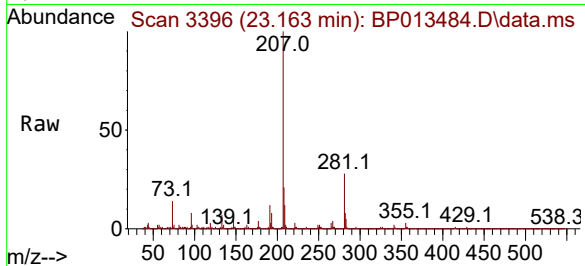




#89  
Benzo(k)fluoranthene  
Concen: 0.020 ng  
RT: 23.163 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BP013484.D  
Acq: 16 Jan 2023 16:37

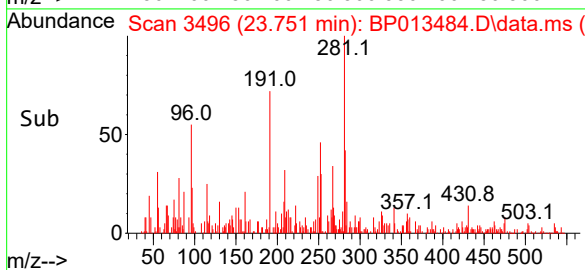
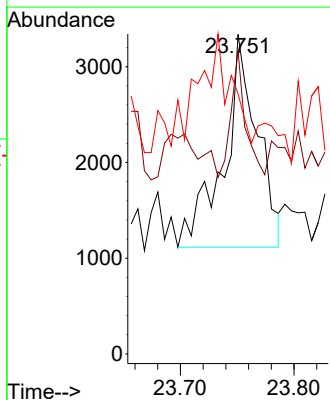
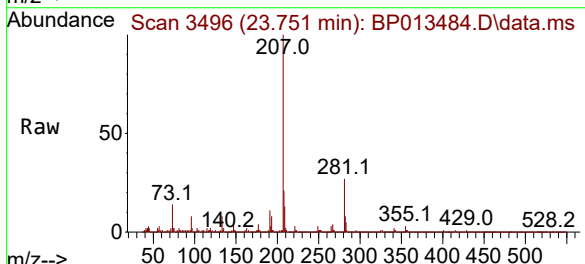
Instrument :  
BNA\_P  
ClientSampleId :  
PB150193BL

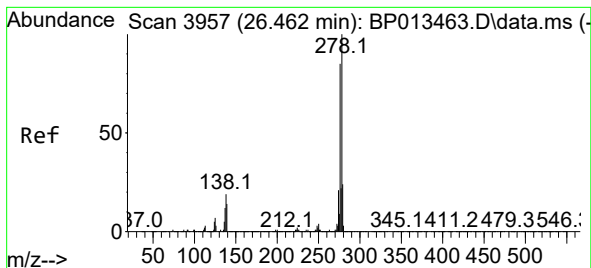
Tgt Ion:252 Resp: 3662  
Ion Ratio Lower Upper  
252 100  
253 89.3 18.1 27.1#  
125 75.4 6.9 10.3#



#90  
Benzo(a)pyrene  
Concen: 0.025 ng  
RT: 23.751 min Scan# 3496  
Delta R.T. -0.012 min  
Lab File: BP013484.D  
Acq: 16 Jan 2023 16:37

Tgt Ion:252 Resp: 4548  
Ion Ratio Lower Upper  
252 100  
253 94.9 18.0 27.0#  
125 81.4 7.6 11.4#





#91

Dibenzo(a,h)anthracene

Concen: 0.020 ng

RT: 26.474 min Scan# 3959

Delta R.T. 0.012 min

Lab File: BP013484.D

Acq: 16 Jan 2023 16:37

Instrument :

BNA\_P

ClientSampleId :

PB150193BL

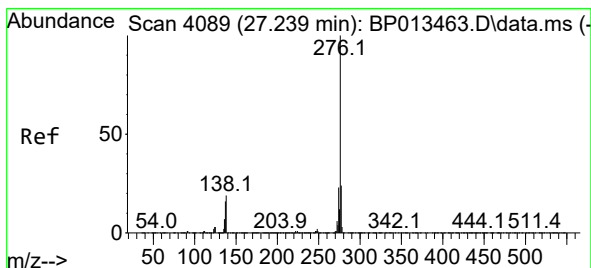
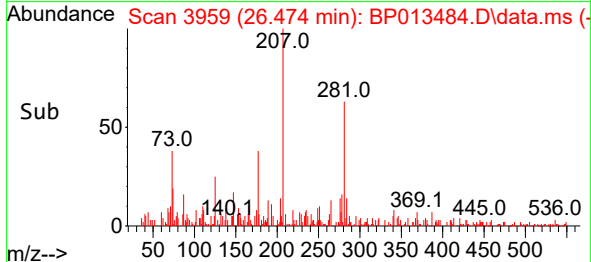
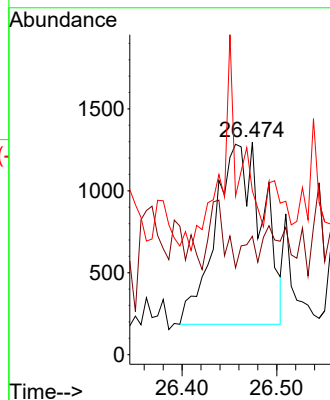
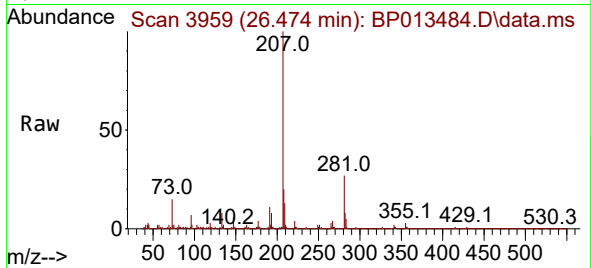
Tgt Ion:278 Resp: 3870

Ion Ratio Lower Upper

278 100

139 55.6 11.1 16.7#

279 77.0 19.2 28.8#



#92

Benzo(g,h,i)perylene

Concen: 0.018 ng

RT: 27.245 min Scan# 4090

Delta R.T. 0.006 min

Lab File: BP013484.D

Acq: 16 Jan 2023 16:37

Tgt Ion:276 Resp: 3468

Ion Ratio Lower Upper

276 100

277 50.2 19.3 28.9#

138 40.3 15.3 22.9#

