

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP012323\  
 Data File : BP013560.D  
 Acq On : 23 Jan 2023 22:38  
 Operator : CG/JU  
 Sample : PB150338BSD  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB150338BSD

Quant Time: Jan 24 05:51:09 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP012323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 24 04:44:15 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.163  | 152  | 354320   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.993 | 136  | 1418931  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.798 | 164  | 755370   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.551 | 188  | 1259402  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.627 | 240  | 765289   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12              | 24.215 | 264  | 845134   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.693  | 112  | 3290921  | 159.137 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.311  | 99   | 4125316  | 148.220 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.340  | 82   | 2258255  | 105.067 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.286 | 330  | 1166599  | 153.972 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.428 | 172  | 5305849  | 96.417  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.080 | 244  | 4735858  | 111.328 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.534  | 88   | 328303   | 39.380  | ng    | 98       |
| 3) Pyridine                   | 3.940  | 79   | 928850   | 37.531  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.852  | 42   | 490285   | 43.816  | ng    | 97       |
| 6) Aniline                    | 7.475  | 93   | 1416697  | 37.891  | ng    | 99       |
| 8) 2-Chlorophenol             | 7.722  | 128  | 1210023  | 53.026  | ng    | 98       |
| 9) Benzaldehyde               | 7.287  | 77   | 503753   | 28.581  | ng    | 99       |
| 10) Phenol                    | 7.334  | 94   | 1483896  | 51.460  | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.575  | 93   | 1125307  | 47.726  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 8.052  | 146  | 1279030  | 50.684  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 8.199  | 146  | 1305330  | 51.013  | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 8.522  | 146  | 1254564  | 50.635  | ng    | 99       |
| 15) Benzyl Alcohol            | 8.399  | 79   | 957189   | 48.135  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.687  | 45   | 1535113  | 47.546  | ng    | 99       |
| 17) 2-Methylphenol            | 8.599  | 107  | 991466   | 47.343  | ng    | 98       |
| 18) Hexachloroethane          | 9.257  | 117  | 459711   | 53.750  | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 8.975  | 70   | 812479   | 45.322  | ng    | 98       |
| 20) 3+4-Methylphenols         | 8.928  | 107  | 1298107  | 47.093  | ng    | 98       |
| 22) Acetophenone              | 8.993  | 105  | 1695136  | 46.568  | ng    | 99       |
| 24) Nitrobenzene              | 9.381  | 77   | 1174588  | 50.826  | ng    | 97       |
| 25) Isophorone                | 9.904  | 82   | 2229182  | 43.726  | ng    | 98       |
| 26) 2-Nitrophenol             | 10.093 | 139  | 479953   | 54.335  | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 10.146 | 122  | 1100370  | 50.000  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 10.387 | 93   | 1452928  | 47.292  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 10.634 | 162  | 1060718  | 52.399  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.851 | 180  | 1147516  | 49.673  | ng    | 99       |
| 31) Naphthalene               | 11.046 | 128  | 3550761  | 46.547  | ng    | 99       |
| 32) Benzoic acid              | 10.281 | 122  | 547669   | 50.725  | ng    | 98       |
| 33) 4-Chloroaniline           | 11.146 | 127  | 434328   | 12.868  | ng    | 99       |
| 34) Hexachlorobutadiene       | 11.328 | 225  | 661180   | 49.181  | ng    | 99       |
| 35) Caprolactam               | 11.922 | 113  | 281183   | 42.845  | ng    | 96       |
| 36) 4-Chloro-3-methylphenol   | 12.251 | 107  | 1050134  | 47.634  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 12.640 | 142  | 2405421  | 44.362  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.857 | 142  | 2228959  | 43.748  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.998 | 216  | 1190379  | 51.187  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.981 | 237  | 1593475  | 128.052 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 13.234 | 196  | 746966   | 54.880  | ng    | 99       |

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 ALS Vial : 19 Sample Multiplier: 1

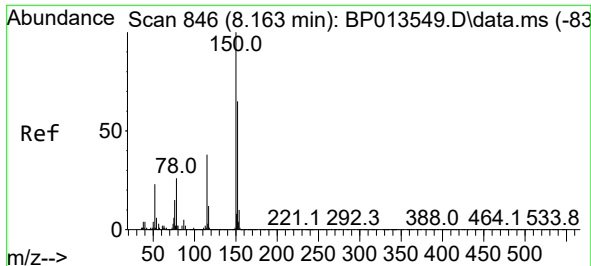
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 BNA\_P  
 ClientSampleId :  
 PB150338BSD

Quant Time: Jan 24 05:51:09 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP012323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 24 04:44:15 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.304 | 196  | 815066   | 50.677 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.634 | 154  | 2999379  | 49.442 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.681 | 162  | 2272013  | 49.991 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.875 | 65   | 542316   | 47.754 | ng    | 94       |
| 49) Acenaphthylene            | 14.522 | 152  | 3520247  | 47.363 | ng    | 99       |
| 50) Dimethylphthalate         | 14.251 | 163  | 2563777  | 45.659 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.363 | 165  | 524246   | 47.807 | ng    | 95       |
| 52) Acenaphthene              | 14.863 | 154  | 2323394  | 50.606 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.692 | 138  | 322120   | 28.179 | ng #  | 96       |
| 54) 2,4-Dinitrophenol         | 14.898 | 184  | 376805   | 86.997 | ng    | 95       |
| 55) Dibenzofuran              | 15.198 | 168  | 3235217  | 45.954 | ng    | 98       |
| 56) 4-Nitrophenol             | 14.987 | 139  | 843974   | 88.170 | ng    | 94       |
| 57) 2,4-Dinitrotoluene        | 15.151 | 165  | 641219   | 49.130 | ng    | 89       |
| 58) Fluorene                  | 15.845 | 166  | 2501873  | 44.711 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.416 | 232  | 620996   | 50.284 | ng    | 98       |
| 60) Diethylphthalate          | 15.610 | 149  | 2377658  | 43.355 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.834 | 204  | 1240658  | 45.091 | ng    | 99       |
| 62) 4-Nitroaniline            | 15.857 | 138  | 483695   | 40.895 | ng    | 95       |
| 63) Azobenzene                | 16.128 | 77   | 2316816  | 43.475 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.910 | 198  | 227310   | 53.825 | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 16.045 | 169  | 2118262  | 51.576 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.734 | 248  | 715303   | 51.275 | ng    | 98       |
| 68) Hexachlorobenzene         | 16.851 | 284  | 815401   | 54.112 | ng    | 99       |
| 69) Atrazine                  | 16.998 | 200  | 603677   | 51.372 | ng    | 98       |
| 70) Pentachlorophenol         | 17.192 | 266  | 841670   | 83.443 | ng    | 99       |
| 71) Phenanthrene              | 17.592 | 178  | 3366600  | 48.045 | ng    | 100      |
| 72) Anthracene                | 17.686 | 178  | 3380677  | 47.536 | ng    | 99       |
| 73) Carbazole                 | 17.945 | 167  | 2836354  | 44.379 | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.486 | 149  | 3166555  | 44.516 | ng    | 100      |
| 75) Fluoranthene              | 19.539 | 202  | 3030329  | 40.667 | ng    | 100      |
| 77) Benzidine                 | 19.710 | 184  | 1175168  | 61.056 | ng    | 99       |
| 78) Pyrene                    | 19.892 | 202  | 3117771  | 53.280 | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.751 | 149  | 988666   | 53.065 | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.610 | 228  | 2564945  | 48.109 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.533 | 252  | 550166   | 32.027 | ng    | 99       |
| 83) Chrysene                  | 21.669 | 228  | 2450423  | 48.054 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.522 | 149  | 1432520  | 48.043 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 22.510 | 149  | 2340230  | 48.682 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 26.962 | 276  | 3615834  | 58.085 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 23.421 | 252  | 2605613  | 50.117 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.474 | 252  | 2676653  | 50.476 | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.104 | 252  | 2349640  | 46.589 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 26.980 | 278  | 3053337  | 58.476 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 27.804 | 276  | 3006112  | 58.980 | ng    | 99       |

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

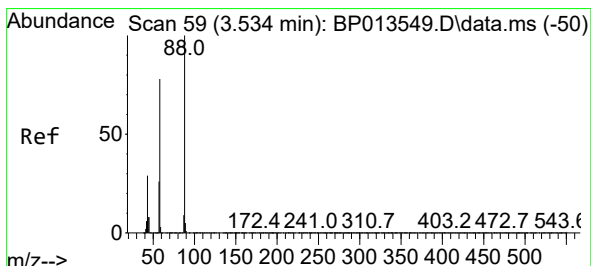
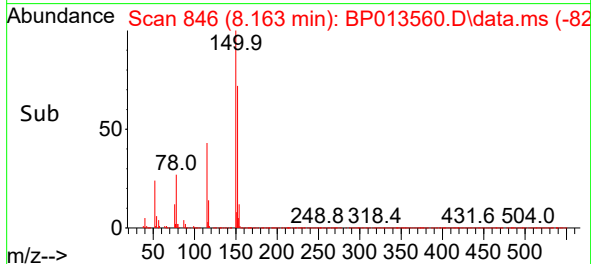
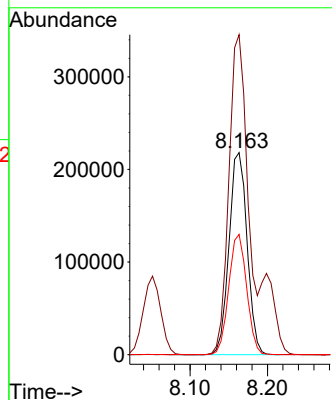
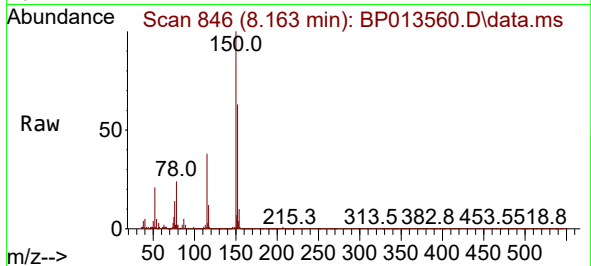




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.163 min Scan# 846  
 Delta R.T. 0.000 min  
 Lab File: BP013560.D  
 Acq: 23 Jan 2023 22:38

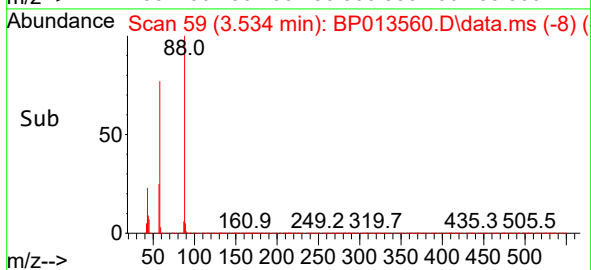
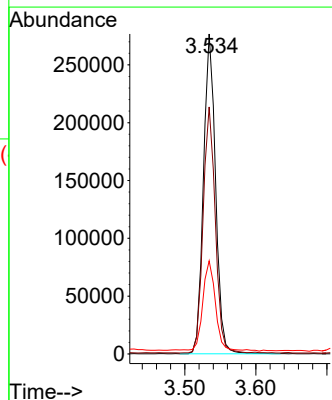
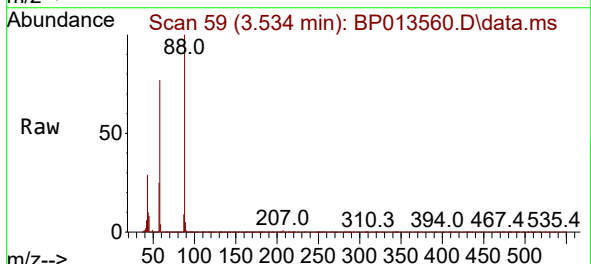
Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB150338BSD

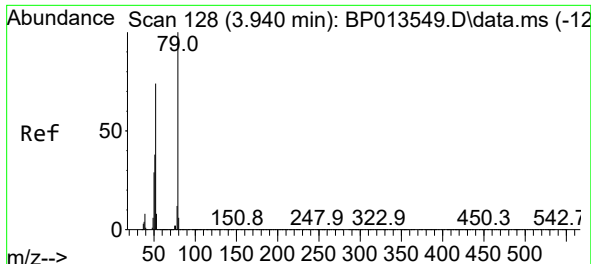
Tgt Ion:152 Resp: 354320  
 Ion Ratio Lower Upper  
 152 100  
 150 158.3 122.4 183.6  
 115 59.6 46.1 69.1



#2  
 1,4-Dioxane  
 Concen: 39.380 ng  
 RT: 3.534 min Scan# 59  
 Delta R.T. 0.000 min  
 Lab File: BP013560.D  
 Acq: 23 Jan 2023 22:38

Tgt Ion: 88 Resp: 328303  
 Ion Ratio Lower Upper  
 88 100  
 58 77.4 63.6 95.4  
 43 29.6 24.2 36.2

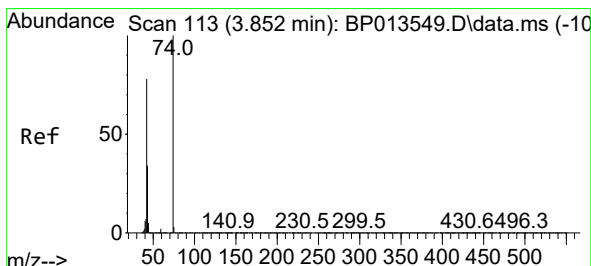
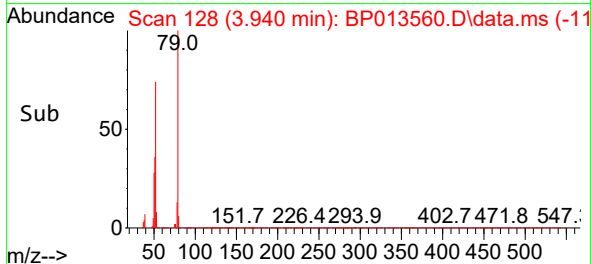
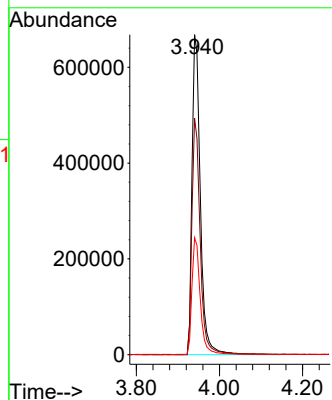
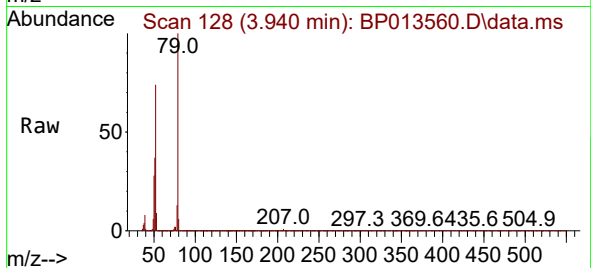




#3  
 Pyridine  
 Concen: 37.531 ng  
 RT: 3.940 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: BP013560.D  
 Acq: 23 Jan 2023 22:38

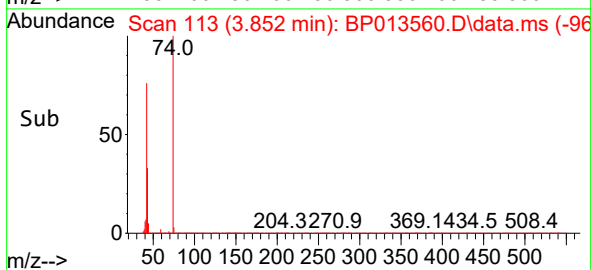
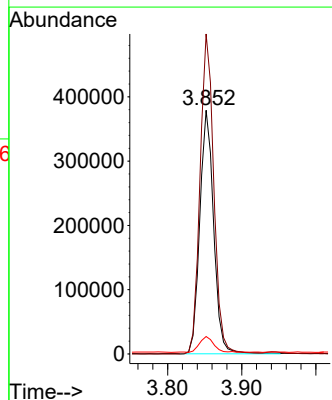
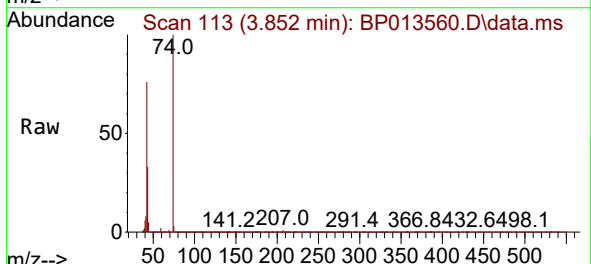
Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB150338BSD

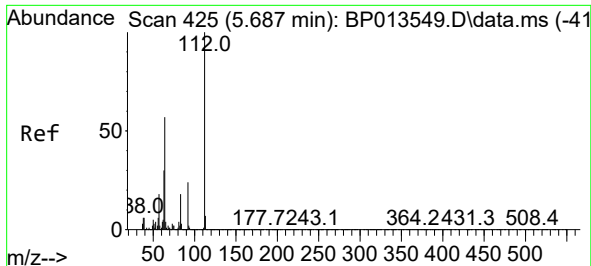
Tgt Ion: 79 Resp: 928850  
 Ion Ratio Lower Upper  
 79 100  
 52 73.9 59.4 89.2  
 51 36.5 30.6 45.8



#4  
 n-Nitrosodimethylamine  
 Concen: 43.816 ng  
 RT: 3.852 min Scan# 113  
 Delta R.T. 0.000 min  
 Lab File: BP013560.D  
 Acq: 23 Jan 2023 22:38

Tgt Ion: 42 Resp: 490285  
 Ion Ratio Lower Upper  
 42 100  
 74 131.3 102.3 153.5  
 44 7.2 6.2 9.2

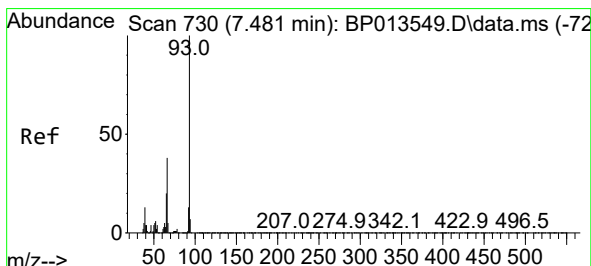
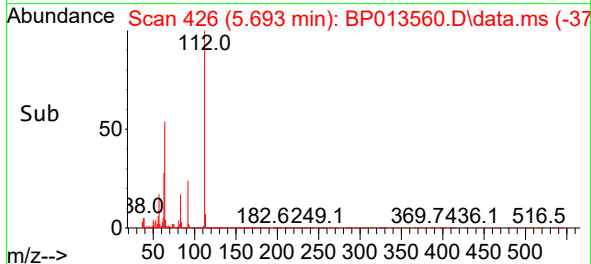
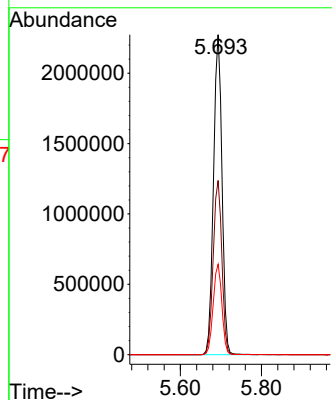
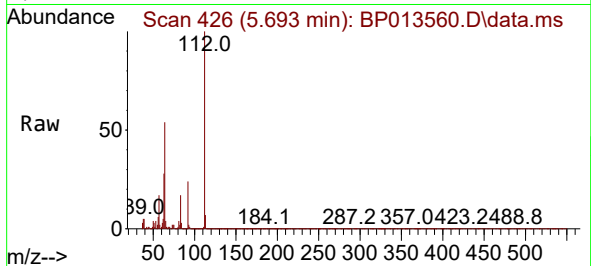




#5  
2-Fluorophenol  
Concen: 159.137 ng  
RT: 5.693 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: BP013560.D  
Acq: 23 Jan 2023 22:38

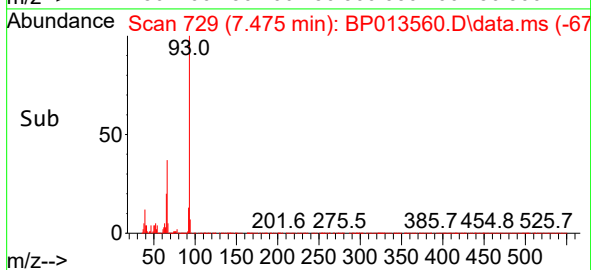
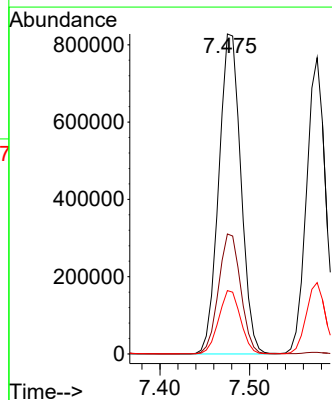
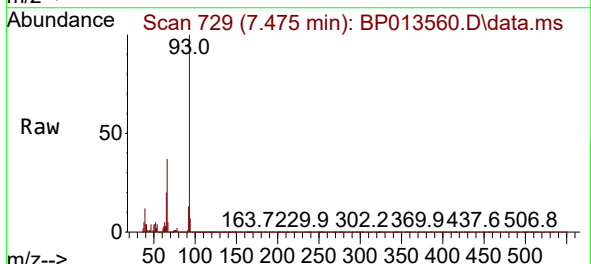
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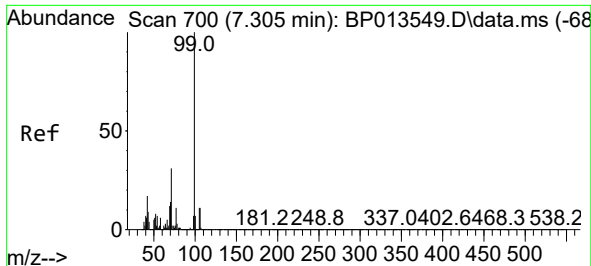
Tgt Ion:112 Resp: 3290921  
Ion Ratio Lower Upper  
112 100  
64 54.5 45.4 68.0  
63 28.2 24.1 36.1



#6  
Aniline  
Concen: 37.891 ng  
RT: 7.475 min Scan# 729  
Delta R.T. -0.006 min  
Lab File: BP013560.D  
Acq: 23 Jan 2023 22:38

Tgt Ion: 93 Resp: 1416697  
Ion Ratio Lower Upper  
93 100  
66 37.5 30.3 45.5  
65 19.8 15.9 23.9

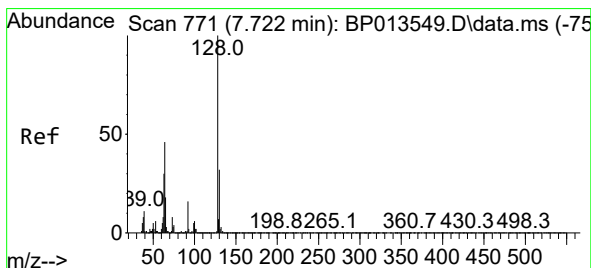
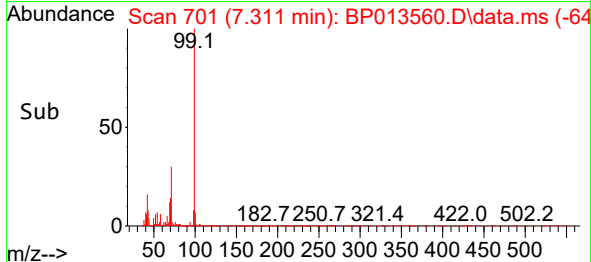
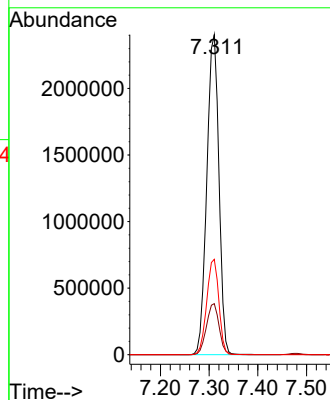
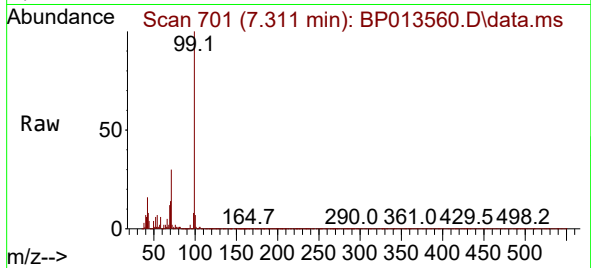




#7  
Phenol-d6  
Concen: 148.220 ng  
RT: 7.311 min Scan# 701  
Delta R.T. 0.006 min  
Lab File: BP013560.D  
Acq: 23 Jan 2023 22:38

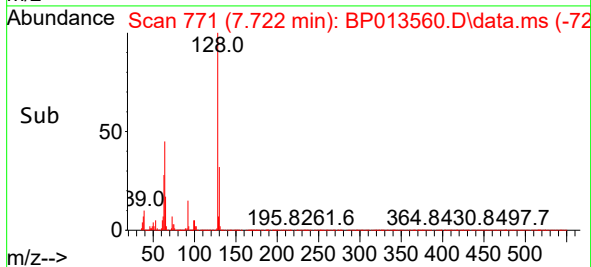
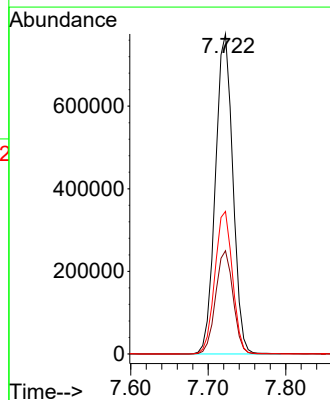
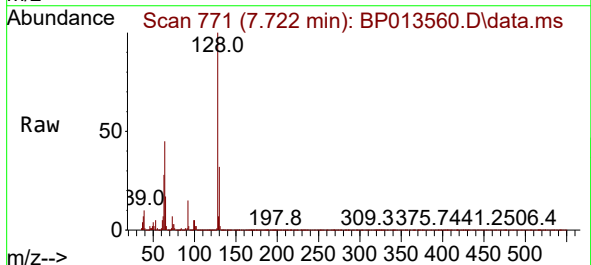
Instrument :  
BNA\_P  
ClientSampleId :  
PB150338BSD

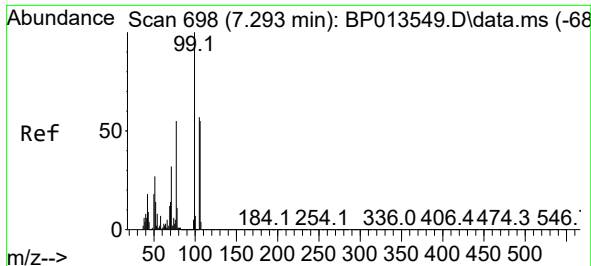
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Ion Ratio Lower Upper  
99 100  
42 15.9 14.0 21.0  
71 29.8 24.7 37.1



#8  
2-Chlorophenol  
Concen: 53.026 ng  
RT: 7.722 min Scan# 771  
Delta R.T. 0.000 min  
Lab File: BP013560.D  
Acq: 23 Jan 2023 22:38

Tgt Ion: 128 Resp: 1210023  
Ion Ratio Lower Upper  
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130 32.2 12.4 52.4  
64 44.5 26.2 66.2

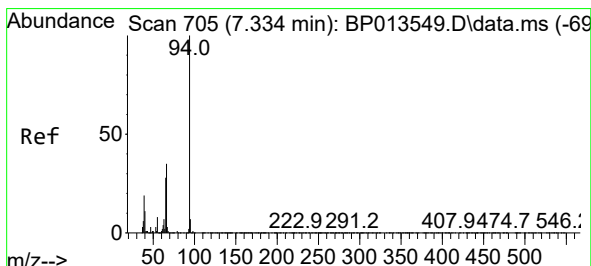
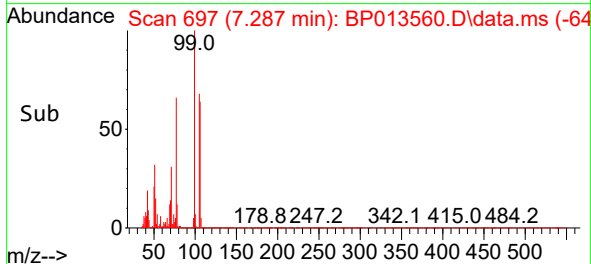
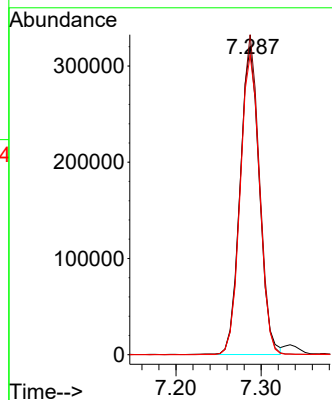
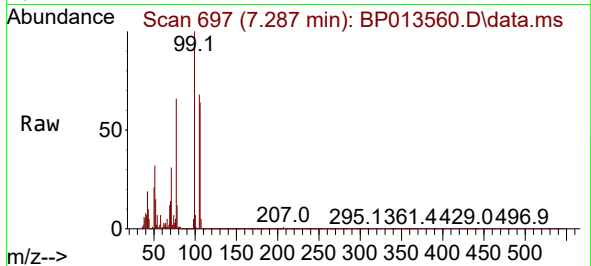




#9  
Benzaldehyde  
Concen: 28.581 ng  
RT: 7.287 min Scan# 698  
Delta R.T. -0.006 min  
Lab File: BP013560.D  
Acq: 23 Jan 2023 22:38

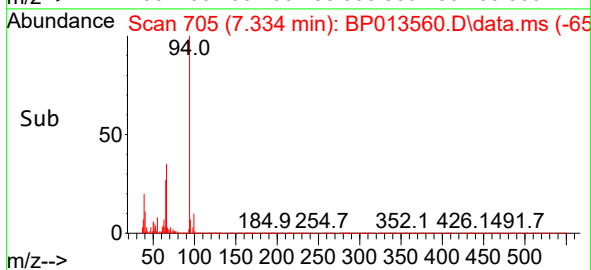
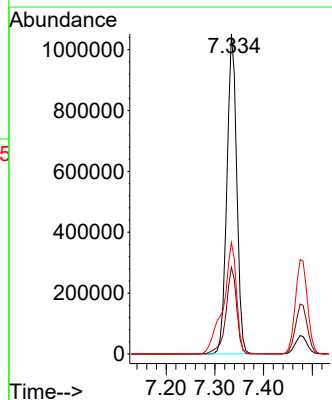
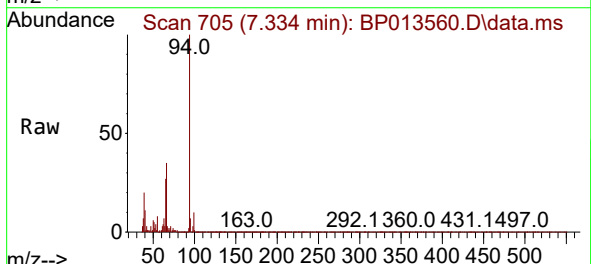
Instrument :  
BNA\_P  
ClientSampleId :  
PB150338BSD

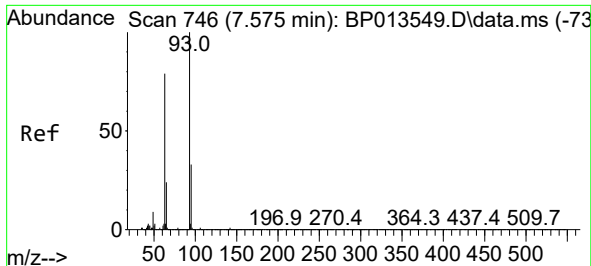
Tgt Ion: 77 Resp: 503753  
Ion Ratio Lower Upper  
77 100  
105 103.8 82.6 122.6  
106 97.1 78.9 118.9



#10  
Phenol  
Concen: 51.460 ng  
RT: 7.334 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: BP013560.D  
Acq: 23 Jan 2023 22:38

Tgt Ion: 94 Resp: 1483896  
Ion Ratio Lower Upper  
94 100  
65 27.1 7.8 47.8  
66 34.8 15.5 55.5

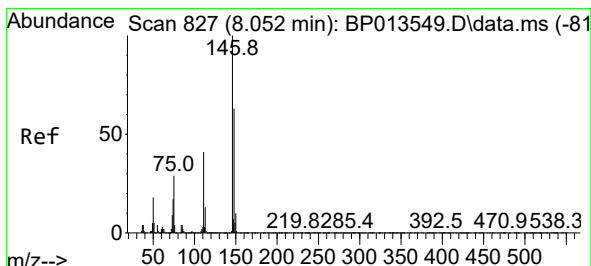
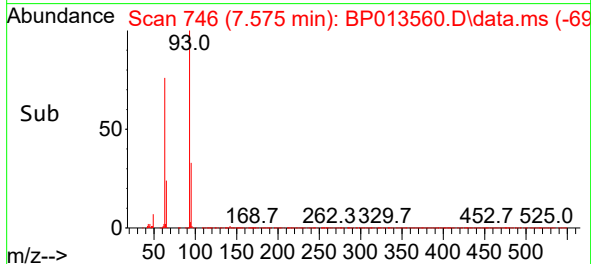
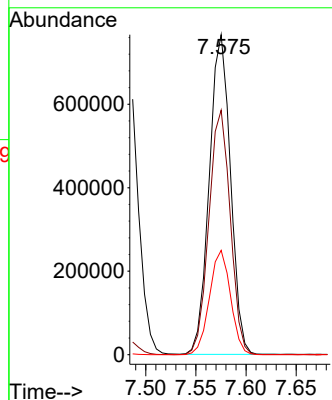
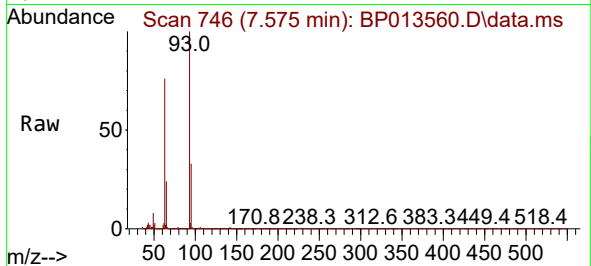




#11  
bis(2-Chloroethyl)ether  
Concen: 47.726 ng  
RT: 7.575 min Scan# 746  
Delta R.T. 0.000 min  
Lab File: BP013560.D  
Acq: 23 Jan 2023 22:38

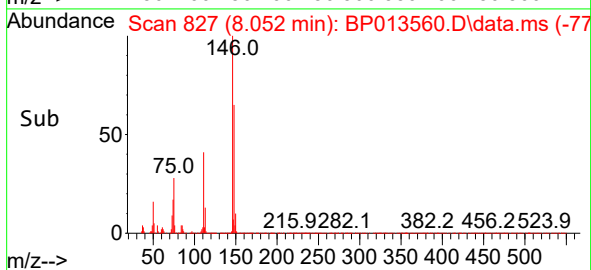
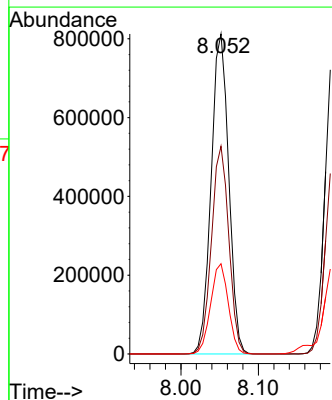
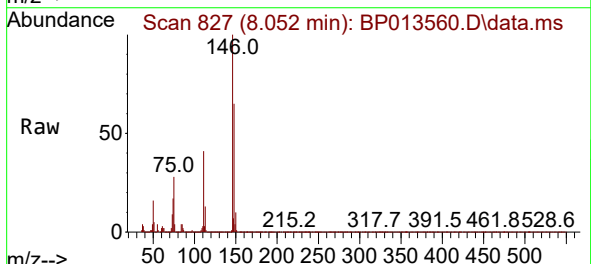
Instrument :  
BNA\_P  
ClientSampleId :  
PB150338BSD

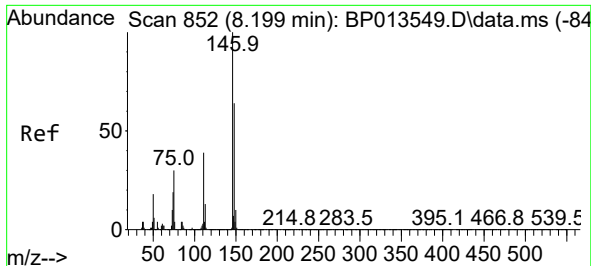
Tgt Ion: 93 Resp: 1125307  
Ion Ratio Lower Upper  
93 100  
63 76.4 58.7 98.7  
95 32.6 12.8 52.8



#12  
1,3-Dichlorobenzene  
Concen: 50.684 ng  
RT: 8.052 min Scan# 827  
Delta R.T. 0.000 min  
Lab File: BP013560.D  
Acq: 23 Jan 2023 22:38

Tgt Ion: 146 Resp: 1279030  
Ion Ratio Lower Upper  
146 100  
148 64.9 50.7 76.1  
75 28.2 23.4 35.2





#13

1,4-Dichlorobenzene

Concen: 51.013 ng

RT: 8.199 min Scan# 852

Delta R.T. 0.000 min

Lab File: BP013560.D

Acq: 23 Jan 2023 22:38

Instrument :

BNA\_P

ClientSampleId :

PB150338BSD

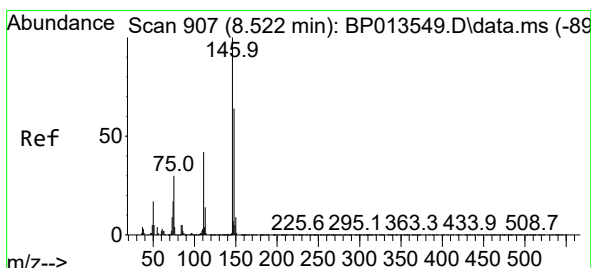
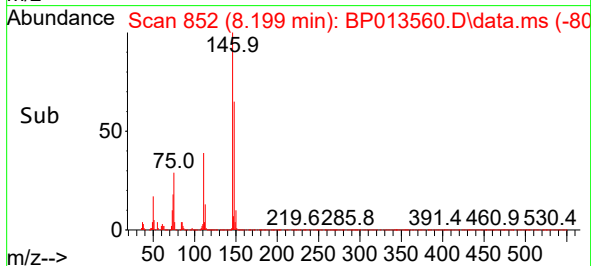
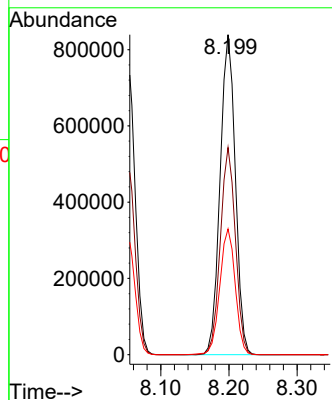
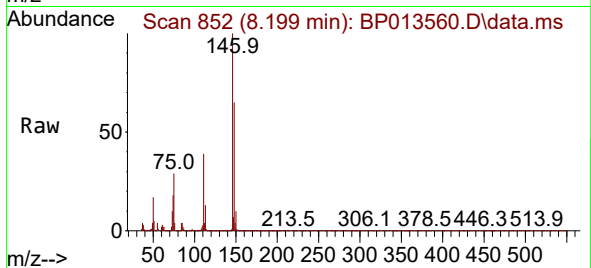
Tgt Ion:146 Resp: 1305330

Ion Ratio Lower Upper

146 100

148 64.7 51.4 77.0

111 39.3 31.4 47.2



#14

1,2-Dichlorobenzene

Concen: 50.635 ng

RT: 8.522 min Scan# 907

Delta R.T. 0.000 min

Lab File: BP013560.D

Acq: 23 Jan 2023 22:38

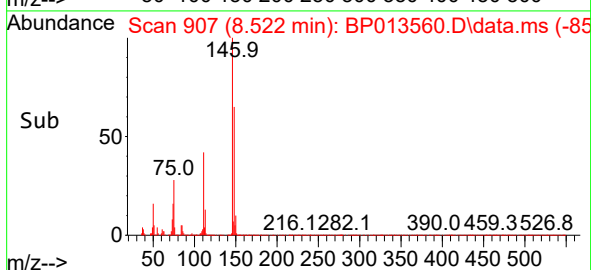
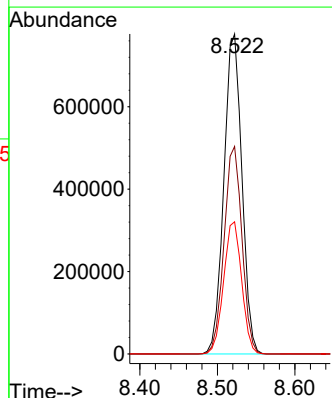
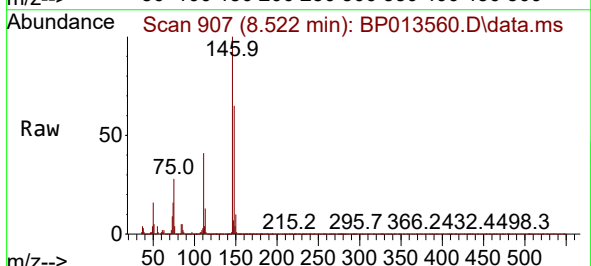
Tgt Ion:146 Resp: 1254564

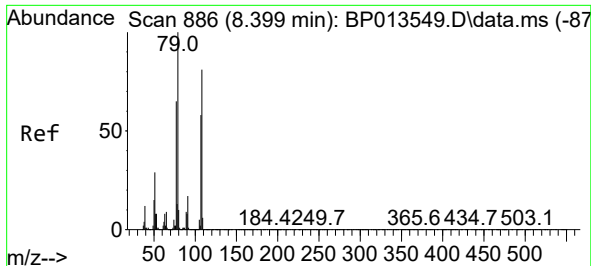
Ion Ratio Lower Upper

146 100

148 64.8 50.8 76.2

111 41.3 33.4 50.2

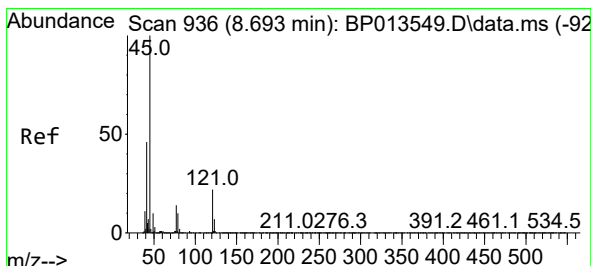
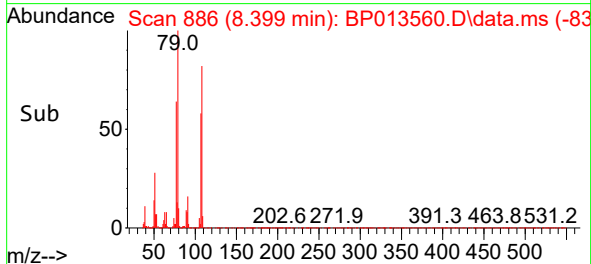
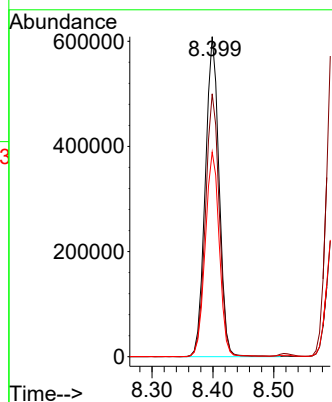
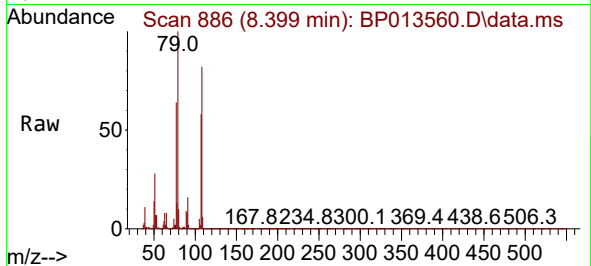




#15  
Benzyl Alcohol  
Concen: 48.135 ng  
RT: 8.399 min Scan# 886  
Delta R.T. 0.000 min  
Lab File: BP013560.D  
Acq: 23 Jan 2023 22:38

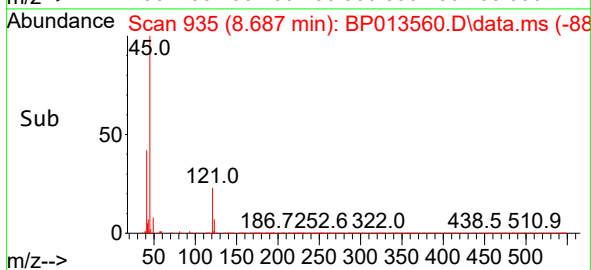
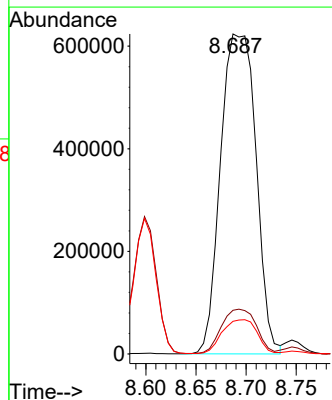
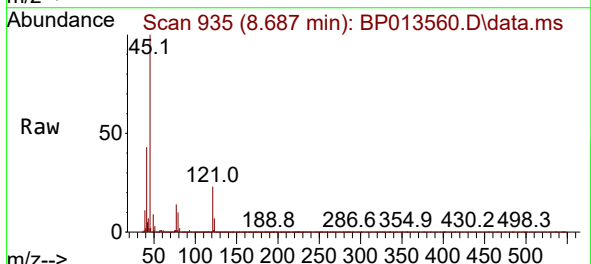
Instrument :  
BNA\_P  
ClientSampleId :  
PB150338BSD

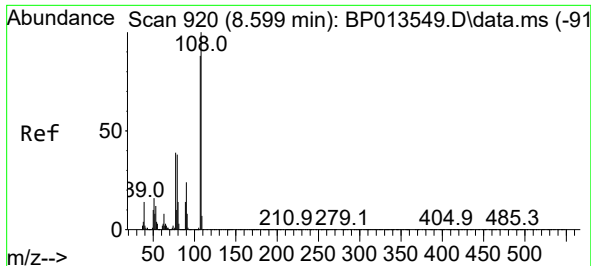
Tgt Ion: 79 Resp: 957189  
Ion Ratio Lower Upper  
79 100  
108 82.1 65.2 97.8  
77 64.0 52.3 78.5



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 47.546 ng  
RT: 8.687 min Scan# 935  
Delta R.T. -0.006 min  
Lab File: BP013560.D  
Acq: 23 Jan 2023 22:38

Tgt Ion: 45 Resp: 1535113  
Ion Ratio Lower Upper  
45 100  
77 13.6 0.0 34.2  
79 10.2 0.0 30.4





#17

2-Methylphenol

Concen: 47.343 ng

RT: 8.599 min Scan# 91

Delta R.T. 0.000 min

Lab File: BP013560.D

Acq: 23 Jan 2023 22:38

Instrument :

BNA\_P

ClientSampleId :

PB150338BSD

Tgt Ion:107 Resp: 991466

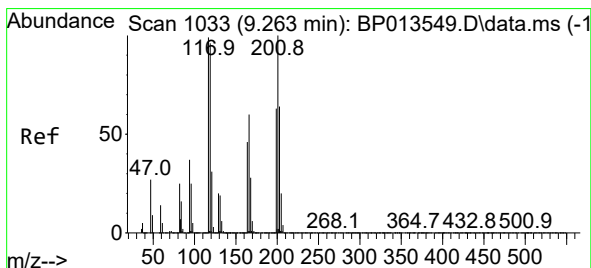
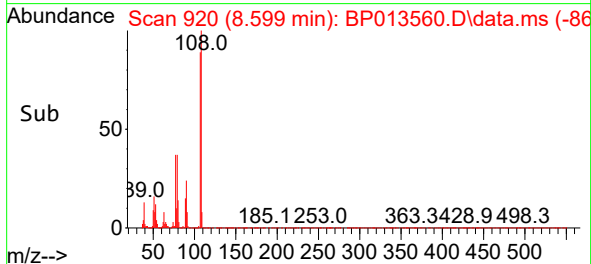
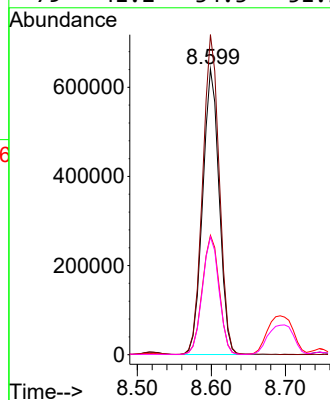
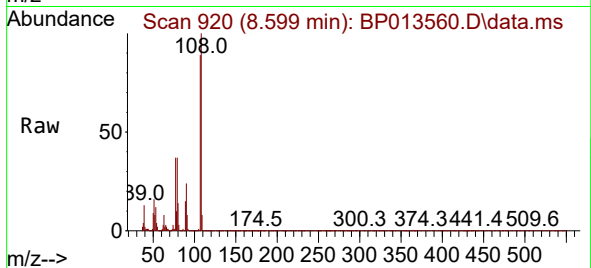
Ion Ratio Lower Upper

107 100

108 112.1 90.5 135.7

77 41.8 35.4 53.2

79 41.2 34.3 51.5



#18

Hexachloroethane

Concen: 53.750 ng

RT: 9.257 min Scan# 1032

Delta R.T. -0.006 min

Lab File: BP013560.D

Acq: 23 Jan 2023 22:38

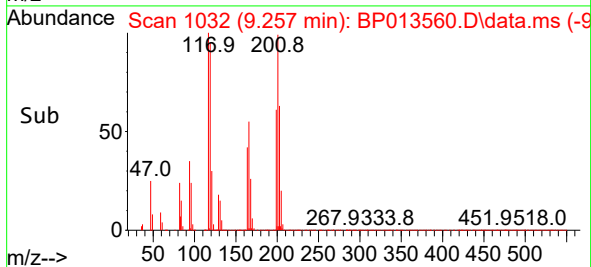
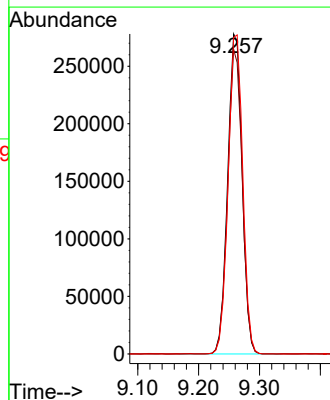
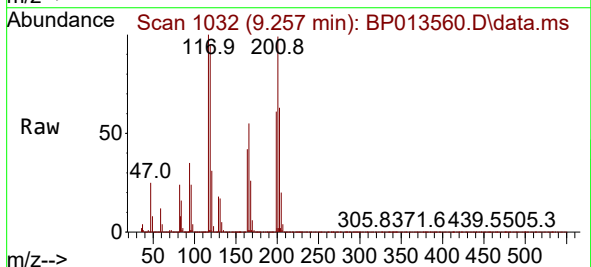
Tgt Ion:117 Resp: 459711

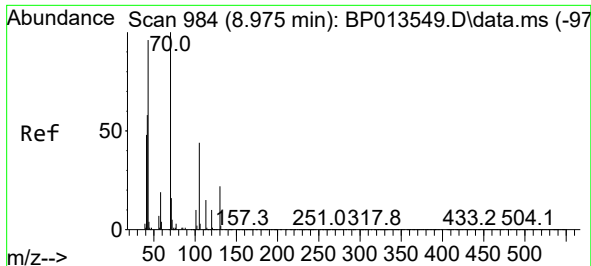
Ion Ratio Lower Upper

117 100

119 95.2 77.0 115.6

201 99.0 80.6 120.8

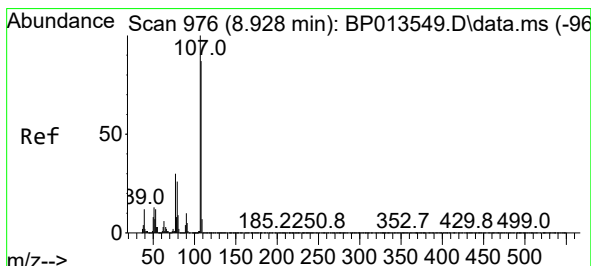
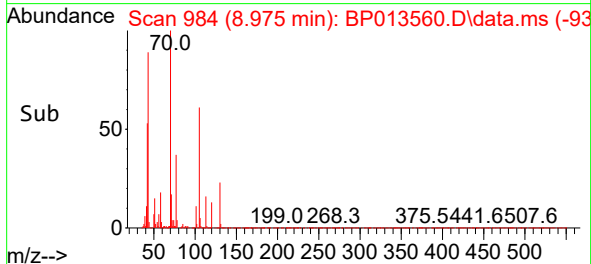
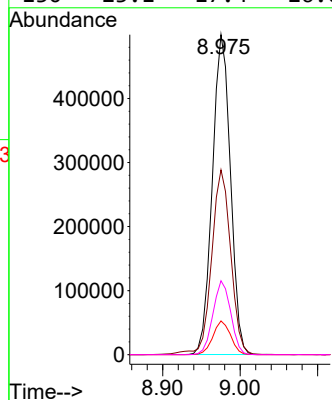
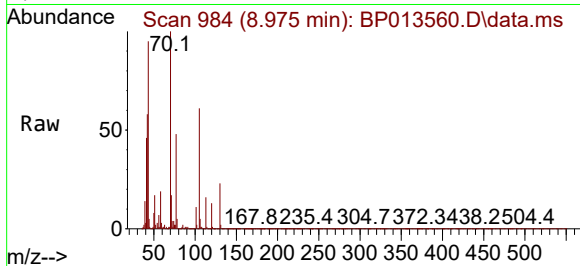




#19  
n-Nitroso-di-n-propylamine  
Concen: 45.322 ng  
RT: 8.975 min Scan# 984  
Delta R.T. 0.000 min  
Lab File: BP013560.D  
Acq: 23 Jan 2023 22:38

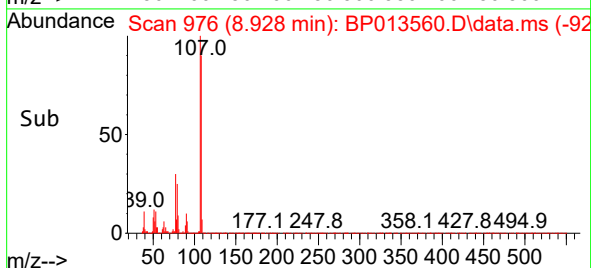
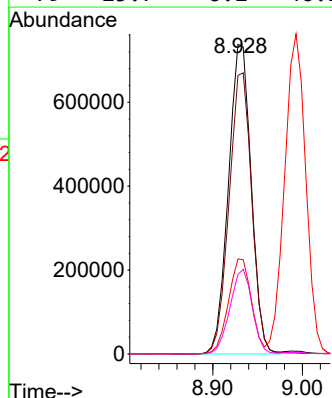
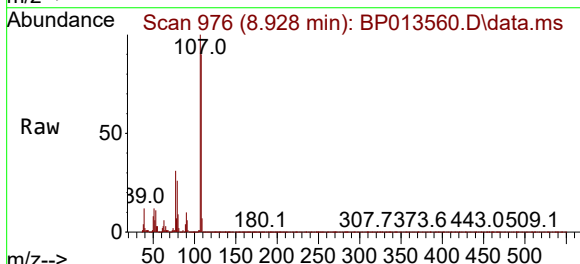
Instrument :  
BNA\_P  
ClientSampleId :  
PB150338BSD

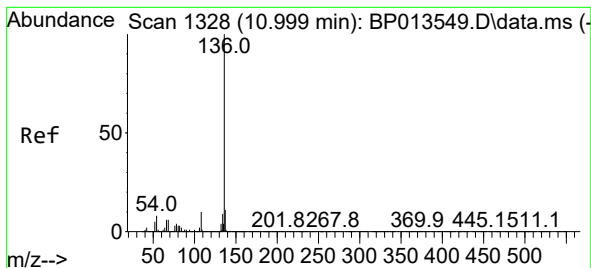
Tgt Ion: 70 Resp: 812479  
Ion Ratio Lower Upper  
70 100  
42 57.7 47.2 70.8  
101 10.6 8.0 12.0  
130 23.1 17.4 26.0



#20  
3+4-Methylphenols  
Concen: 47.093 ng  
RT: 8.928 min Scan# 976  
Delta R.T. 0.000 min  
Lab File: BP013560.D  
Acq: 23 Jan 2023 22:38

Tgt Ion: 107 Resp: 1298107  
Ion Ratio Lower Upper  
107 100  
108 89.9 67.5 107.5  
77 30.7 10.5 50.5  
79 25.7 6.2 46.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.993 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP013560.D

Acq: 23 Jan 2023 22:38

Instrument :

BNA\_P

ClientSampleId :

PB150338BSD

Tgt Ion:136 Resp: 1418931

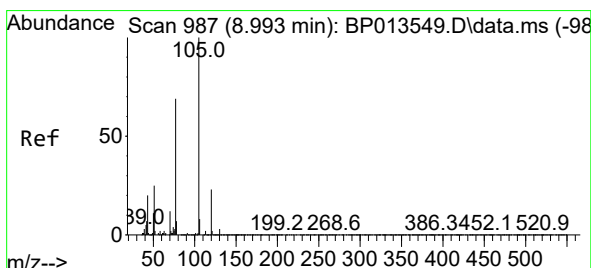
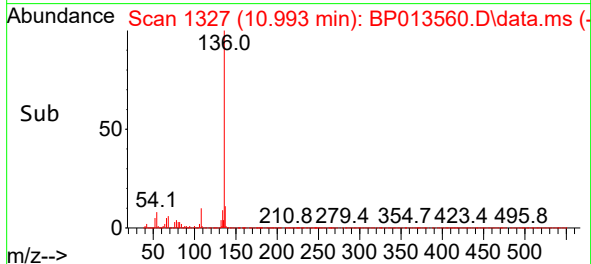
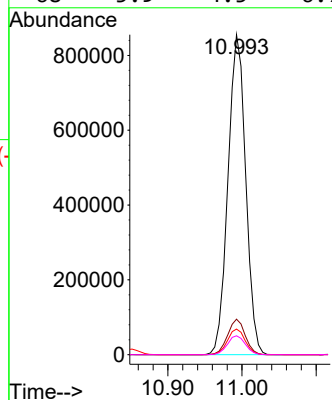
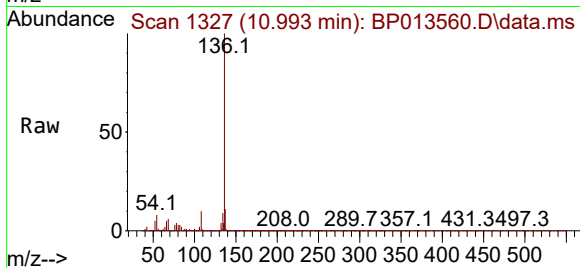
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 8.0 6.6 9.8

68 5.9 4.5 6.7



#22

Acetophenone

Concen: 46.568 ng

RT: 8.993 min Scan# 987

Delta R.T. 0.000 min

Lab File: BP013560.D

Acq: 23 Jan 2023 22:38

Tgt Ion:105 Resp: 1695136

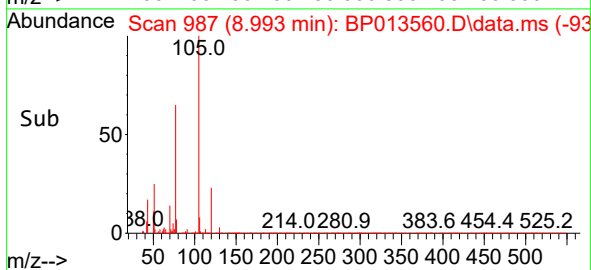
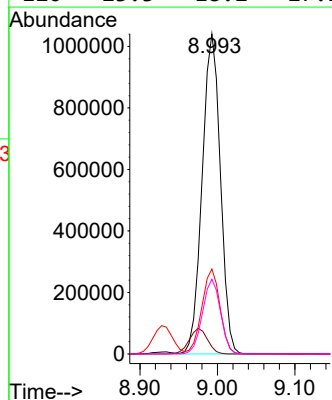
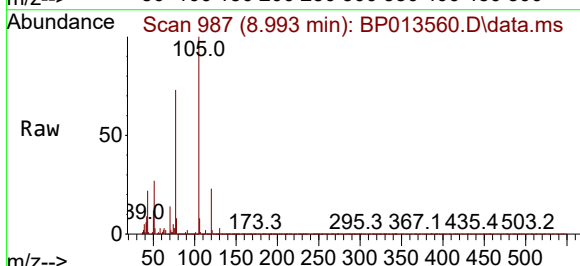
Ion Ratio Lower Upper

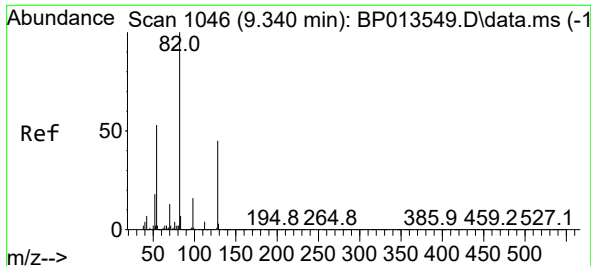
105 100

71 2.2 1.8 2.8

51 26.6 21.1 31.7

120 23.3 18.2 27.2

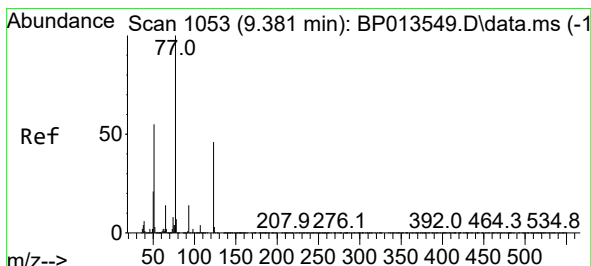
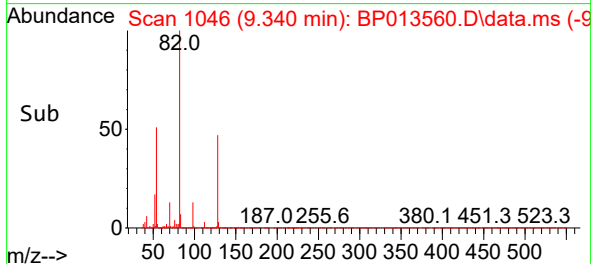
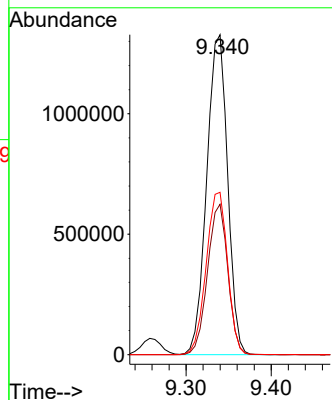
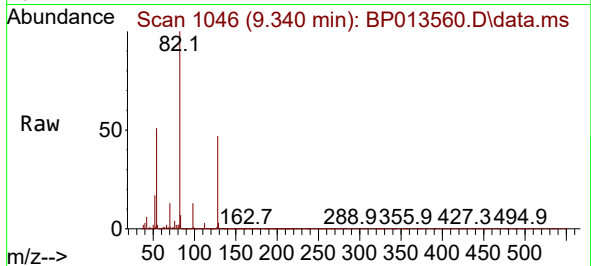




#23  
Nitrobenzene-d5  
Concen: 105.067 ng  
RT: 9.340 min Scan# 1046  
Delta R.T. 0.000 min  
Lab File: BP013560.D  
Acq: 23 Jan 2023 22:38

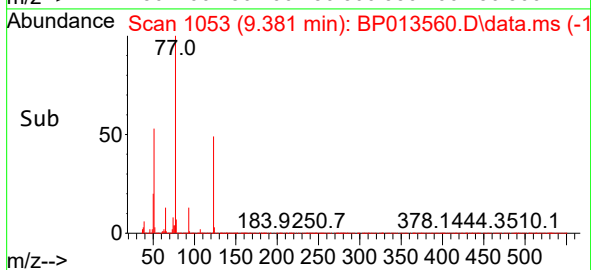
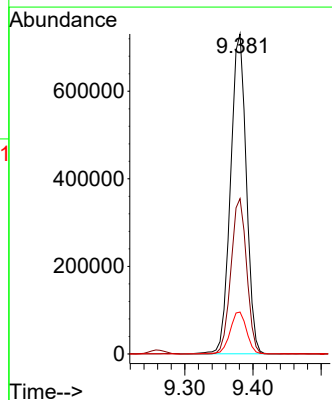
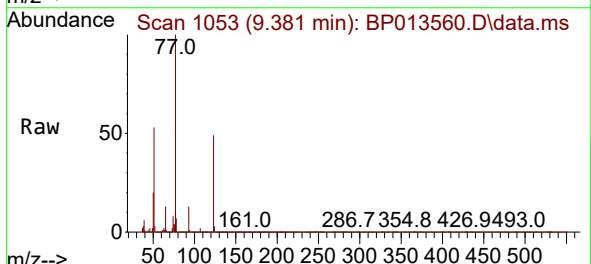
Instrument :  
BNA\_P  
ClientSampleId :  
PB150338BSD

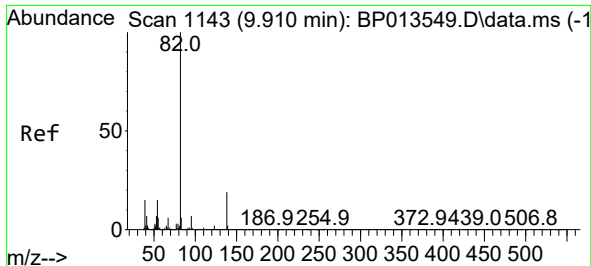
Tgt Ion: 82 Resp: 2258255  
Ion Ratio Lower Upper  
82 100  
128 47.0 35.8 53.6  
54 50.8 42.6 64.0



#24  
Nitrobenzene  
Concen: 50.826 ng  
RT: 9.381 min Scan# 1053  
Delta R.T. 0.000 min  
Lab File: BP013560.D  
Acq: 23 Jan 2023 22:38

Tgt Ion: 77 Resp: 1174588  
Ion Ratio Lower Upper  
77 100  
123 48.5 37.2 55.8  
65 13.1 11.1 16.7

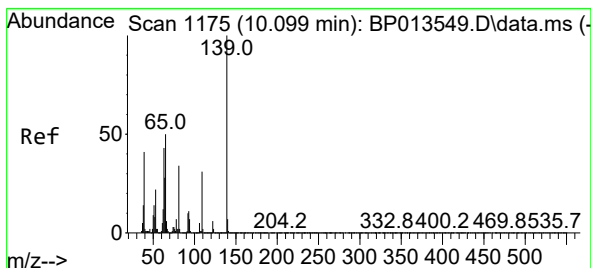
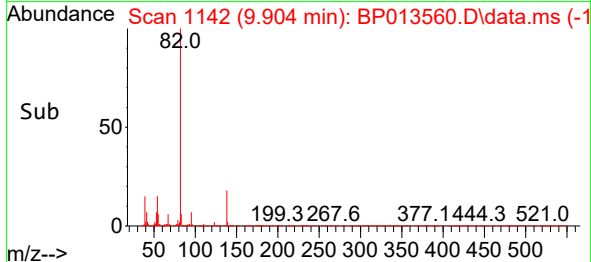
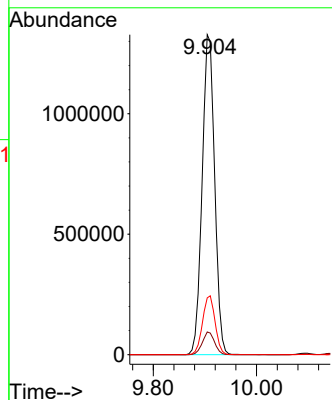
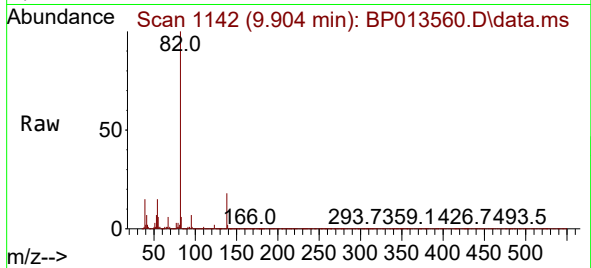




#25  
Isophorone  
Concen: 43.726 ng  
RT: 9.904 min Scan# 1142  
Delta R.T. -0.006 min  
Lab File: BP013560.D  
Acq: 23 Jan 2023 22:38

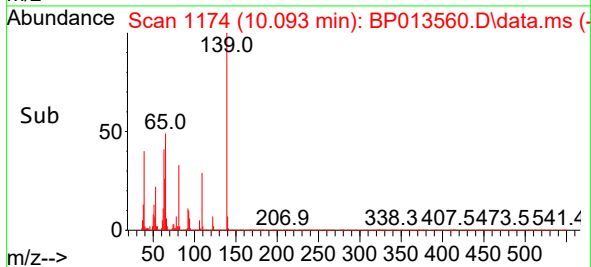
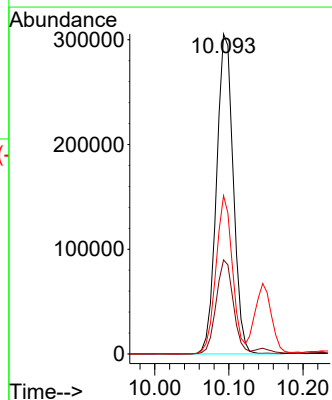
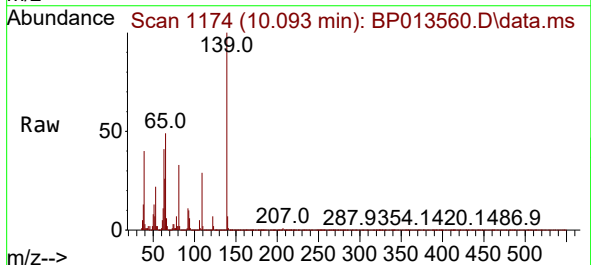
Instrument :  
BNA\_P  
ClientSampleId :  
PB150338BSD

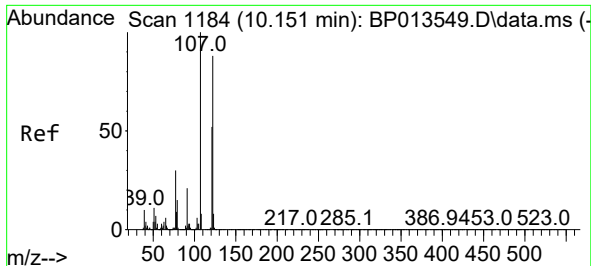
Tgt Ion: 82 Resp: 2229182  
Ion Ratio Lower Upper  
82 100  
95 7.1 5.8 8.8  
138 17.8 15.1 22.7



#26  
2-Nitrophenol  
Concen: 54.335 ng  
RT: 10.093 min Scan# 1174  
Delta R.T. -0.006 min  
Lab File: BP013560.D  
Acq: 23 Jan 2023 22:38

Tgt Ion: 139 Resp: 479953  
Ion Ratio Lower Upper  
139 100  
109 29.4 25.1 37.7  
65 49.5 40.1 60.1

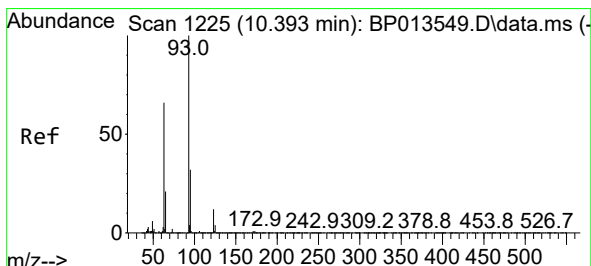
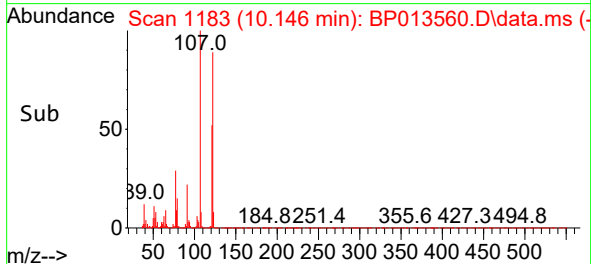
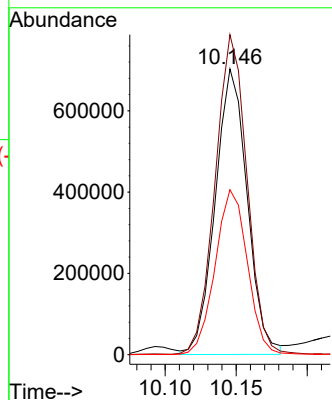
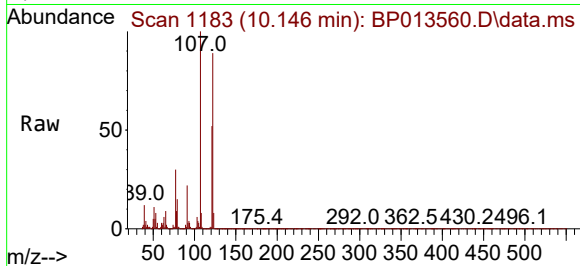




#27  
2,4-Dimethylphenol  
Concen: 50.000 ng  
RT: 10.146 min Scan# 1183  
Delta R.T. -0.006 min  
Lab File: BP013560.D  
Acq: 23 Jan 2023 22:38

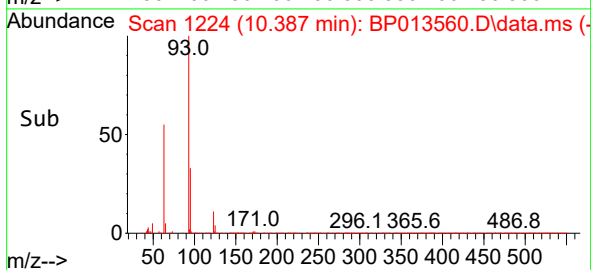
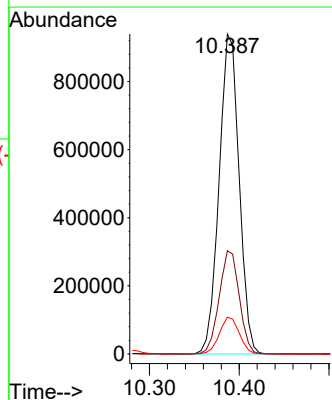
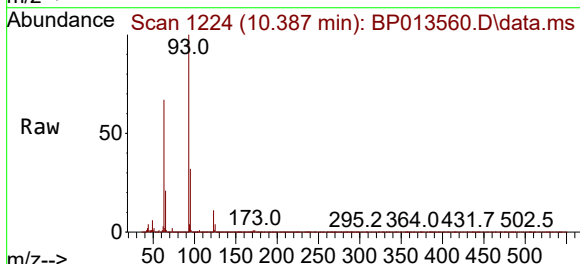
Instrument :  
BNA\_P  
ClientSampleId :  
PB150338BSD

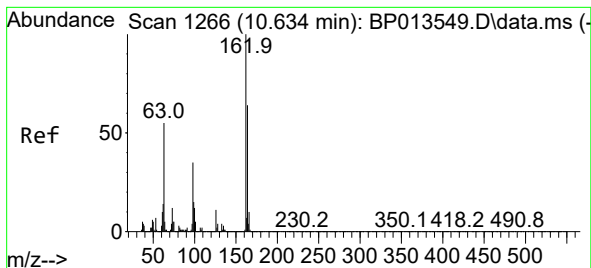
Tgt Ion:122 Resp: 1100370  
Ion Ratio Lower Upper  
122 100  
107 112.0 90.7 136.1  
121 57.8 47.0 70.4



#28  
bis(2-Chloroethoxy)methane  
Concen: 47.292 ng  
RT: 10.387 min Scan# 1224  
Delta R.T. -0.006 min  
Lab File: BP013560.D  
Acq: 23 Jan 2023 22:38

Tgt Ion: 93 Resp: 1452928  
Ion Ratio Lower Upper  
93 100  
95 32.2 25.8 38.8  
123 11.5 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 52.399 ng

RT: 10.634 min Scan# 1266

Delta R.T. 0.000 min

Lab File: BP013560.D

Acq: 23 Jan 2023 22:38

Instrument :

BNA\_P

ClientSampleId :

PB150338BSD

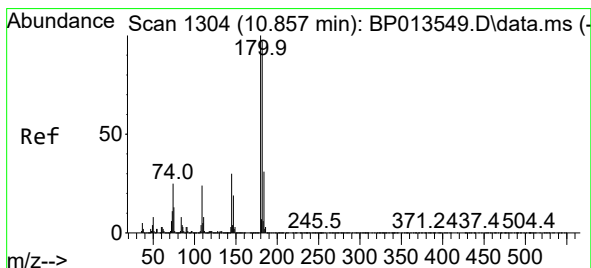
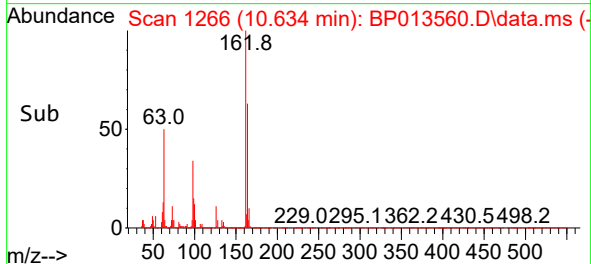
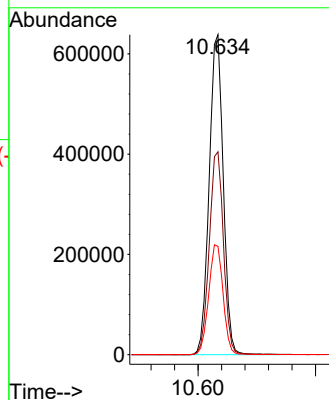
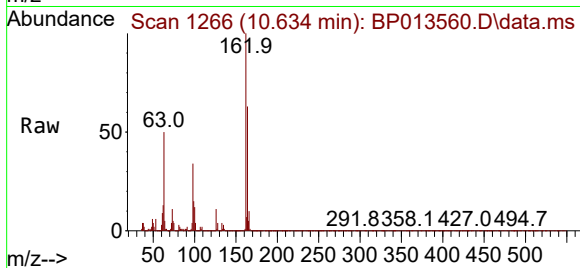
Tgt Ion:162 Resp: 1060718

Ion Ratio Lower Upper

162 100

164 63.4 44.3 84.3

98 33.8 15.3 55.3



#30

1,2,4-Trichlorobenzene

Concen: 49.673 ng

RT: 10.851 min Scan# 1303

Delta R.T. -0.006 min

Lab File: BP013560.D

Acq: 23 Jan 2023 22:38

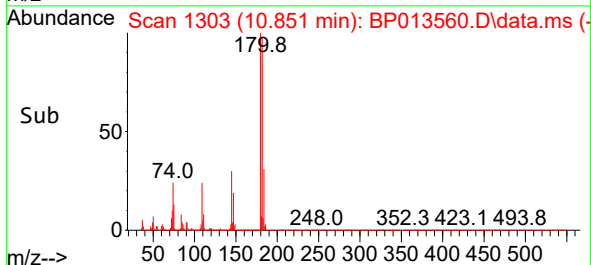
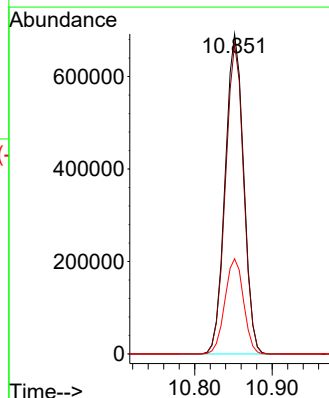
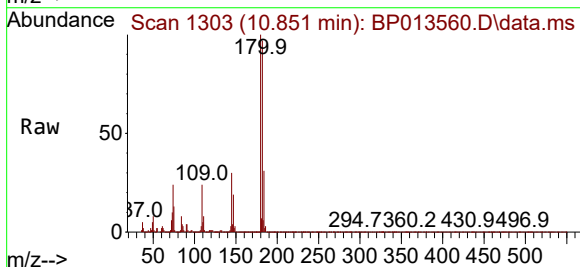
Tgt Ion:180 Resp: 1147516

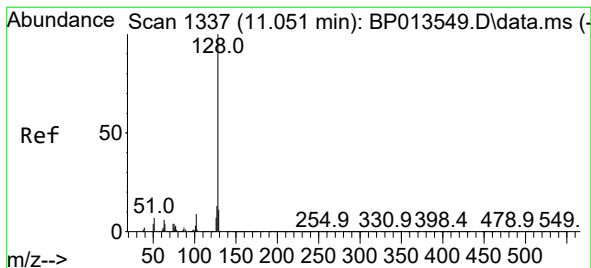
Ion Ratio Lower Upper

180 100

182 96.9 77.9 116.9

145 29.7 24.0 36.0

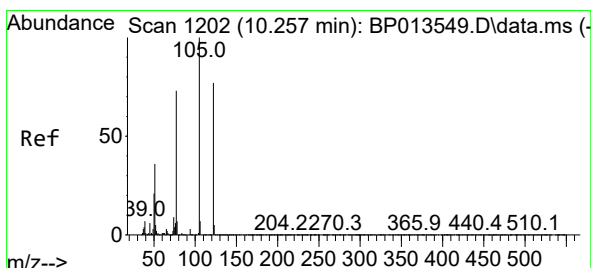
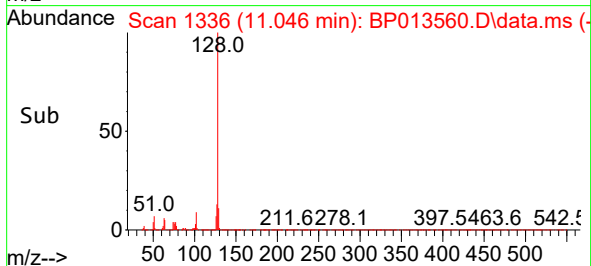
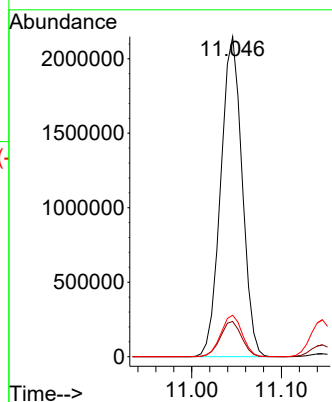
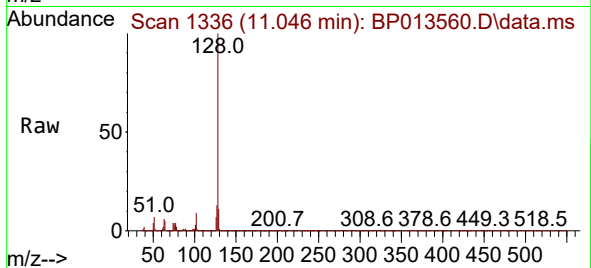




#31  
Naphthalene  
Concen: 46.547 ng  
RT: 11.046 min Scan# 1106  
Delta R.T. -0.006 min  
Lab File: BP013560.D  
Acq: 23 Jan 2023 22:38

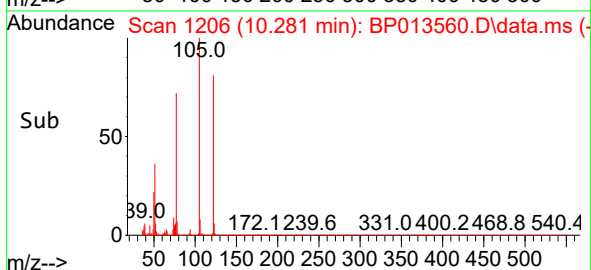
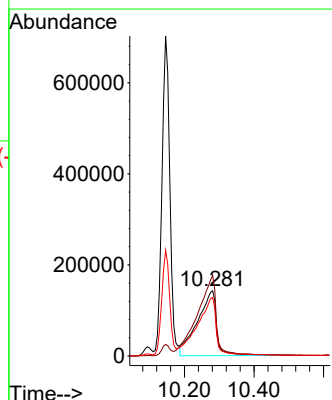
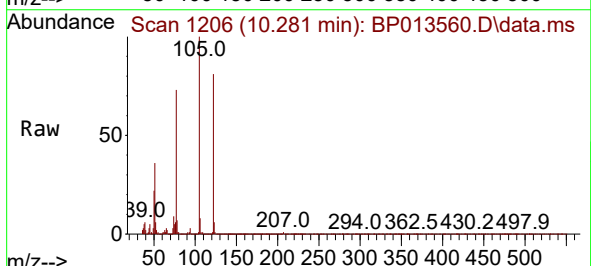
Instrument :  
BNA\_P  
ClientSampleId :  
PB150338BSD

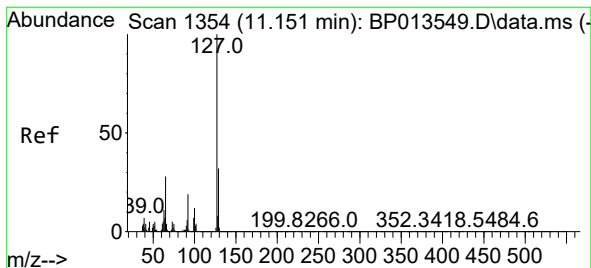
Tgt Ion:128 Resp: 3550761  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.5 12.7  
127 12.9 10.6 16.0



#32  
Benzoic acid  
Concen: 50.725 ng  
RT: 10.281 min Scan# 1206  
Delta R.T. 0.024 min  
Lab File: BP013560.D  
Acq: 23 Jan 2023 22:38

Tgt Ion:122 Resp: 547669  
Ion Ratio Lower Upper  
122 100  
105 123.8 100.5 140.5  
77 89.8 70.9 110.9





#33

4-Chloroaniline

Concen: 12.868 ng

RT: 11.146 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP013560.D

Acq: 23 Jan 2023 22:38

Instrument :

BNA\_P

ClientSampleId :

PB150338BSD

Tgt Ion:127 Resp: 434328

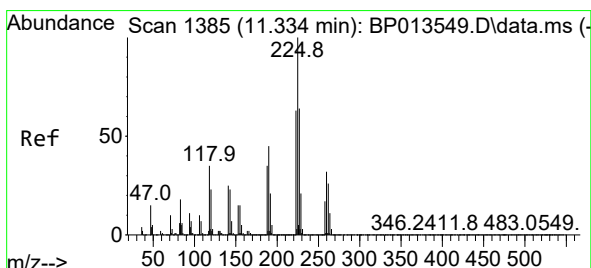
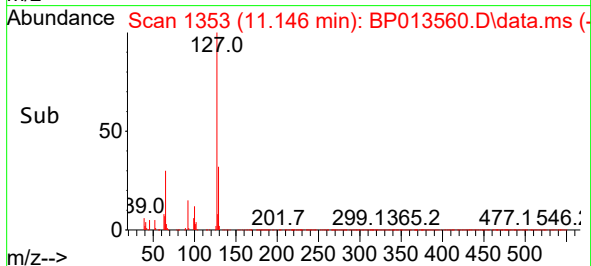
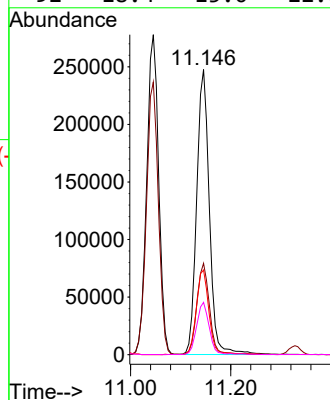
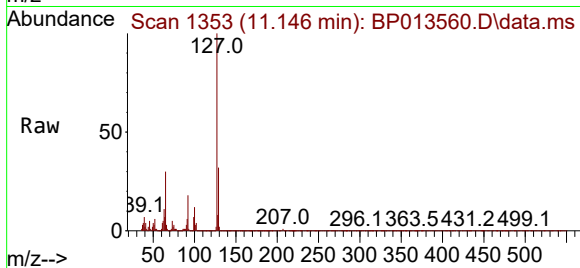
Ion Ratio Lower Upper

127 100

129 32.1 25.7 38.5

65 29.7 22.7 34.1

92 18.4 15.0 22.6



#34

Hexachlorobutadiene

Concen: 49.181 ng

RT: 11.328 min Scan# 1384

Delta R.T. -0.006 min

Lab File: BP013560.D

Acq: 23 Jan 2023 22:38

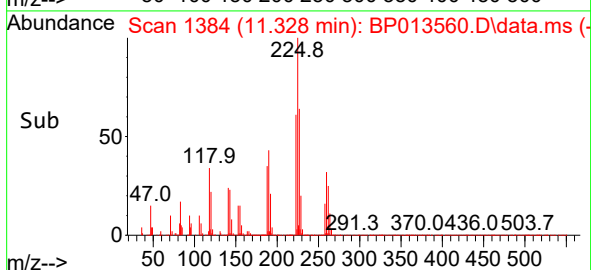
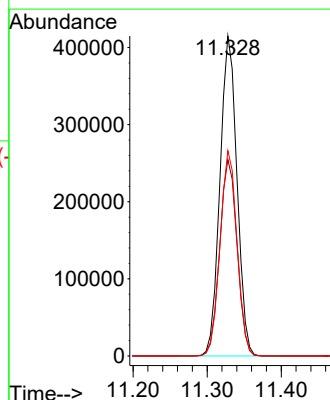
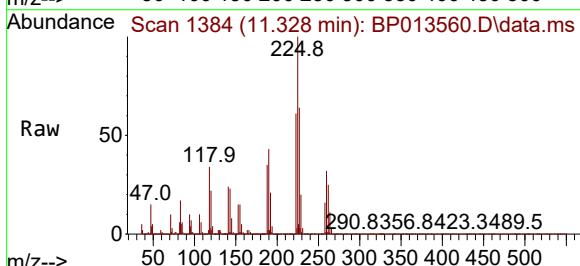
Tgt Ion:225 Resp: 661180

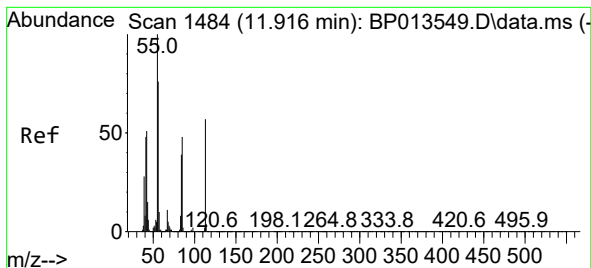
Ion Ratio Lower Upper

225 100

223 61.4 50.2 75.2

227 64.1 51.4 77.2





#35

Caprolactam

Concen: 42.845 ng

RT: 11.922 min Scan# 1485

Delta R.T. 0.006 min

Lab File: BP013560.D

Acq: 23 Jan 2023 22:38

Instrument :

BNA\_P

ClientSampleId :

PB150338BSD

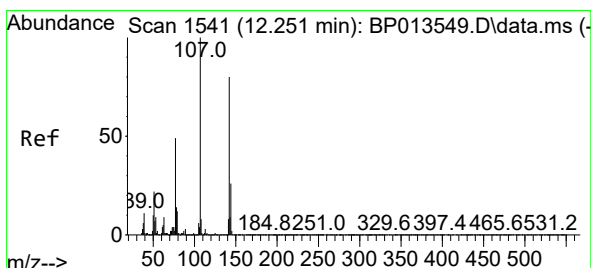
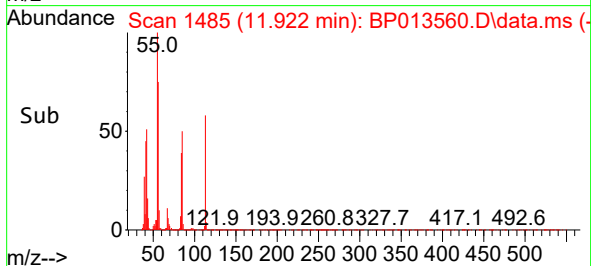
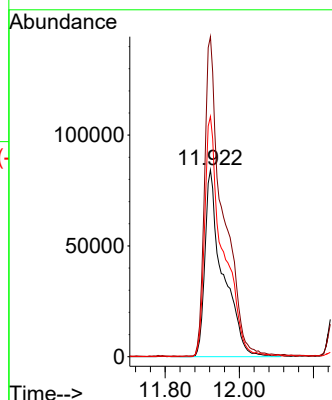
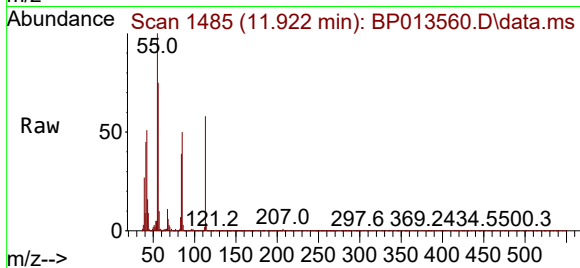
Tgt Ion:113 Resp: 281183

Ion Ratio Lower Upper

113 100

55 171.4 156.5 196.5

56 128.7 113.5 153.5



#36

4-Chloro-3-methylphenol

Concen: 47.634 ng

RT: 12.251 min Scan# 1541

Delta R.T. 0.000 min

Lab File: BP013560.D

Acq: 23 Jan 2023 22:38

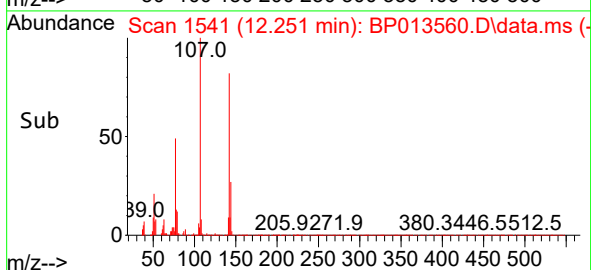
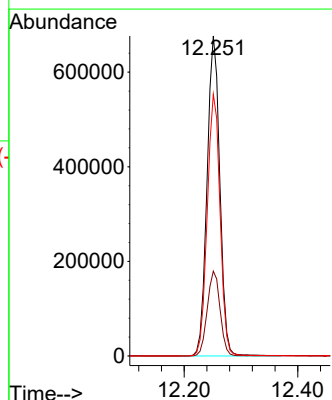
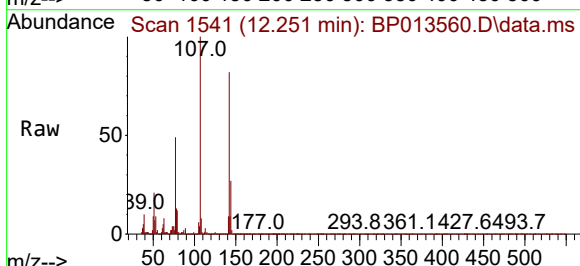
Tgt Ion:107 Resp: 1050134

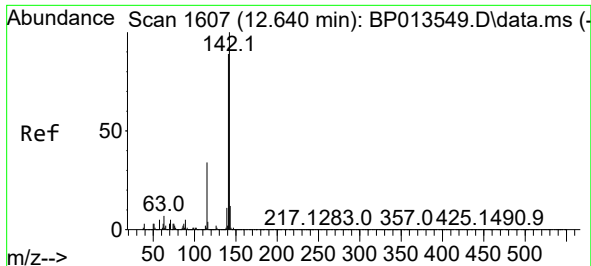
Ion Ratio Lower Upper

107 100

144 26.5 21.1 31.7

142 81.8 64.0 96.0

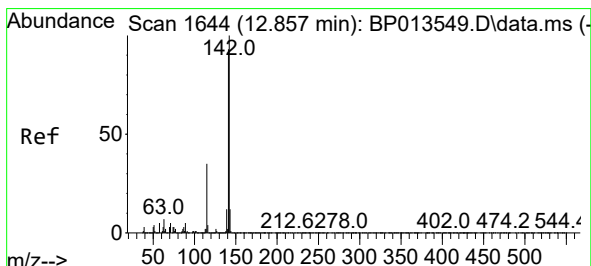
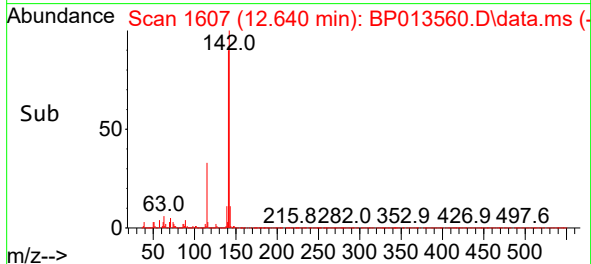
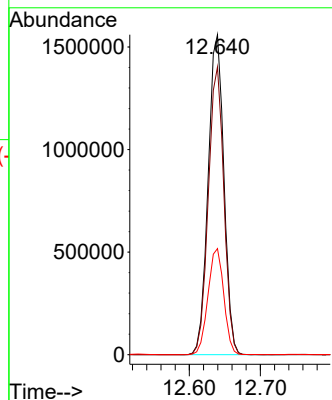
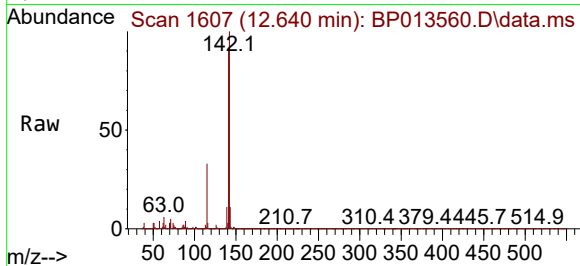




#37  
2-Methylnaphthalene  
Concen: 44.362 ng  
RT: 12.640 min Scan# 1607  
Delta R.T. 0.000 min  
Lab File: BP013560.D  
Acq: 23 Jan 2023 22:38

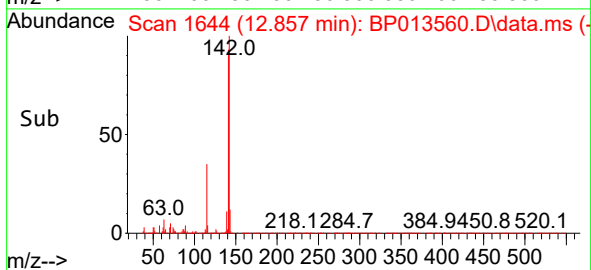
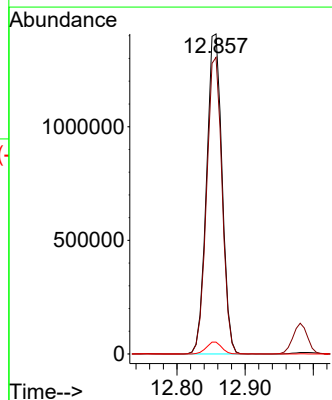
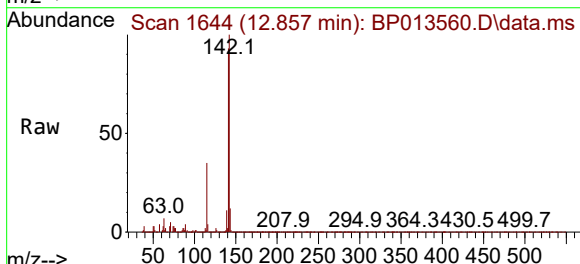
Instrument :  
BNA\_P  
ClientSampleId :  
PB150338BSD

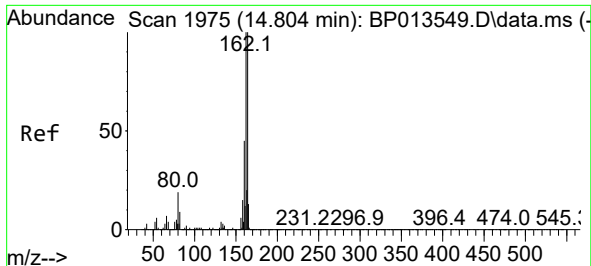
Tgt Ion:142 Resp: 2405421  
Ion Ratio Lower Upper  
142 100  
141 89.9 71.4 107.2  
115 33.2 27.4 41.2



#38  
1-Methylnaphthalene  
Concen: 43.748 ng  
RT: 12.857 min Scan# 1644  
Delta R.T. 0.000 min  
Lab File: BP013560.D  
Acq: 23 Jan 2023 22:38

Tgt Ion:142 Resp: 2228959  
Ion Ratio Lower Upper  
142 100  
141 92.7 74.3 111.5  
116 3.7 3.0 4.6

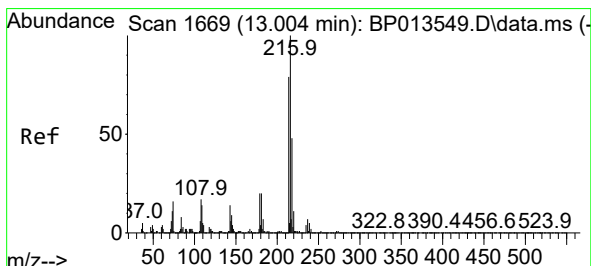
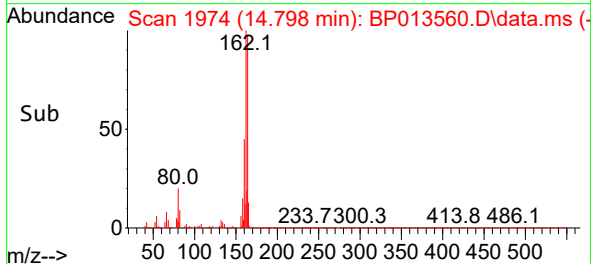
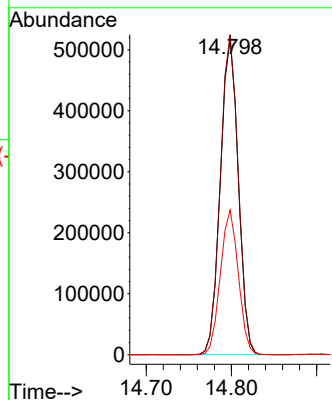
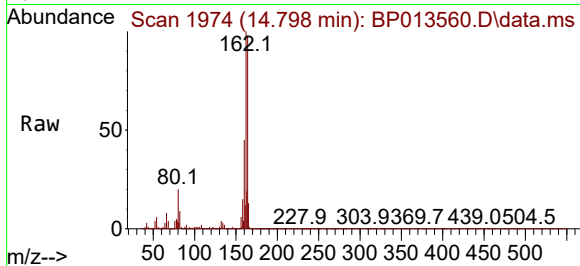




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.798 min Scan# 1975  
Delta R.T. -0.006 min  
Lab File: BP013560.D  
Acq: 23 Jan 2023 22:38

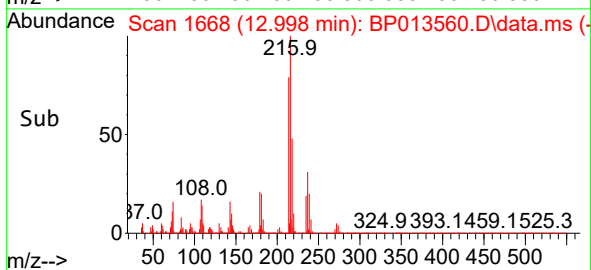
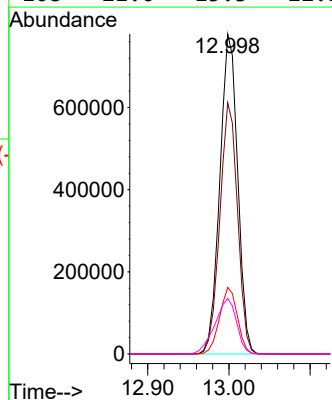
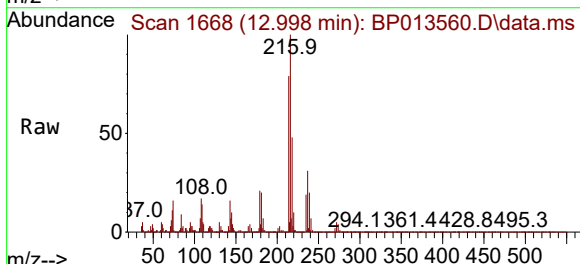
Instrument :  
BNA\_P  
ClientSampleId :  
PB150338BSD

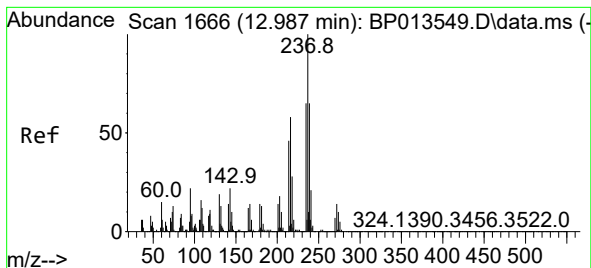
Tgt Ion:164 Resp: 755370  
Ion Ratio Lower Upper  
164 100  
162 101.6 80.1 120.1  
160 45.9 35.9 53.9



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 51.187 ng  
RT: 12.998 min Scan# 1668  
Delta R.T. -0.006 min  
Lab File: BP013560.D  
Acq: 23 Jan 2023 22:38

Tgt Ion:216 Resp: 1190379  
Ion Ratio Lower Upper  
216 100  
214 78.0 62.9 94.3  
179 20.8 16.6 24.8  
108 21.0 15.3 22.9





#41

Hexachlorocyclopentadiene

Concen: 128.052 ng

RT: 12.981 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP013560.D

Acq: 23 Jan 2023 22:38

Instrument :

BNA\_P

ClientSampleId :

PB150338BSD

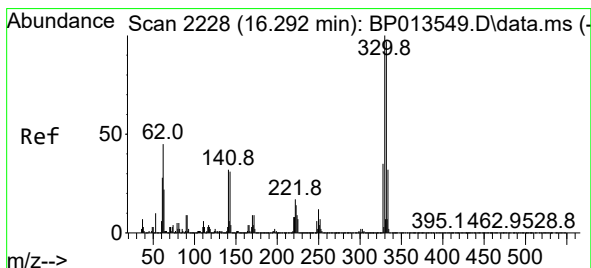
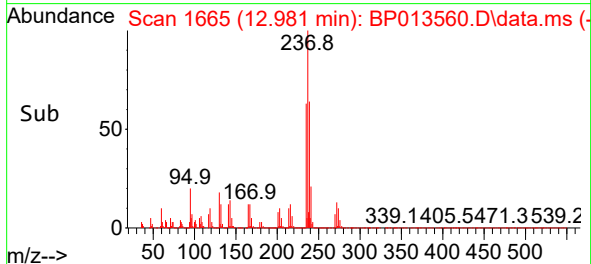
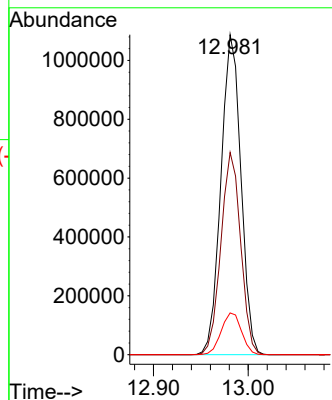
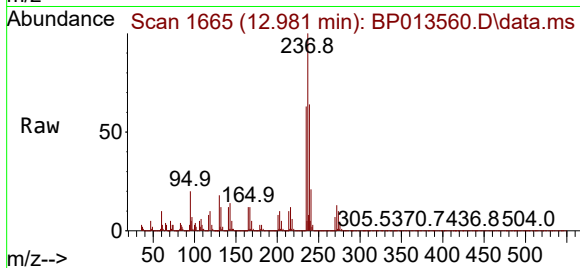
Tgt Ion:237 Resp: 1593475

Ion Ratio Lower Upper

237 100

235 63.2 44.6 84.6

272 13.1 0.0 33.9



#42

2,4,6-Tribromophenol

Concen: 153.972 ng

RT: 16.286 min Scan# 2227

Delta R.T. -0.006 min

Lab File: BP013560.D

Acq: 23 Jan 2023 22:38

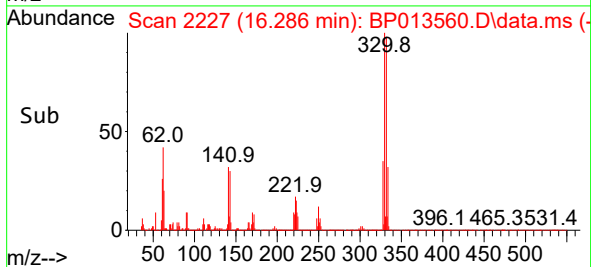
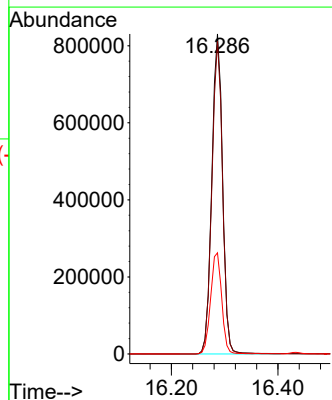
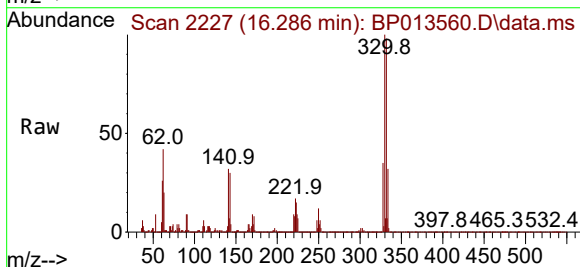
Tgt Ion:330 Resp: 1166599

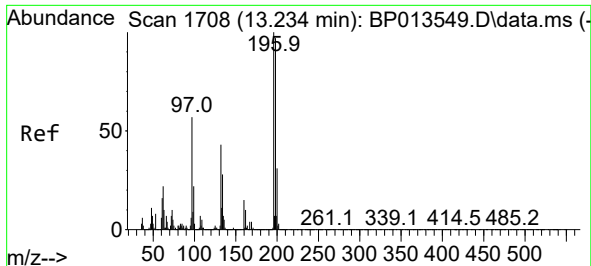
Ion Ratio Lower Upper

330 100

332 97.1 77.4 116.2

141 32.6 27.6 41.4

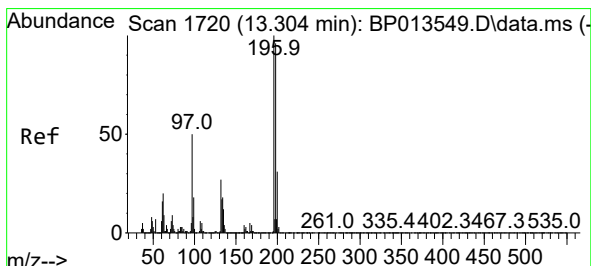
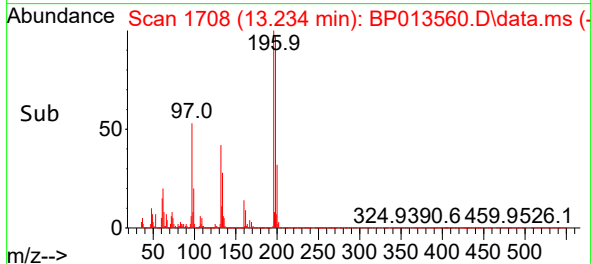
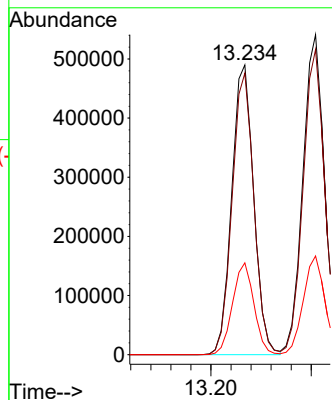
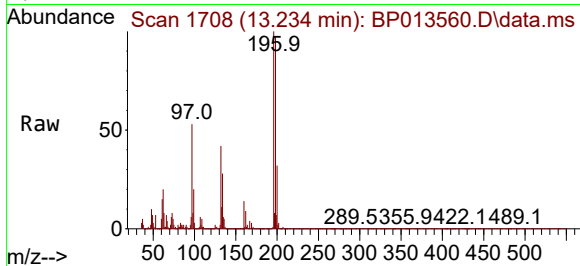




#43  
2,4,6-Trichlorophenol  
Concen: 54.880 ng  
RT: 13.234 min Scan# 1708  
Delta R.T. -0.000 min  
Lab File: BP013560.D  
Acq: 23 Jan 2023 22:38

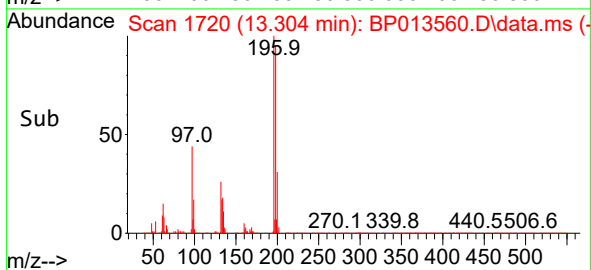
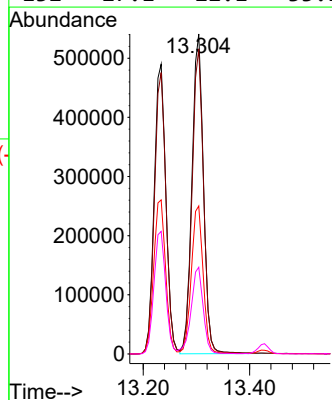
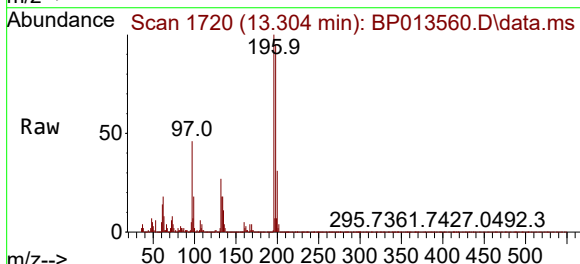
Instrument :  
BNA\_P  
ClientSampleId :  
PB150338BSD

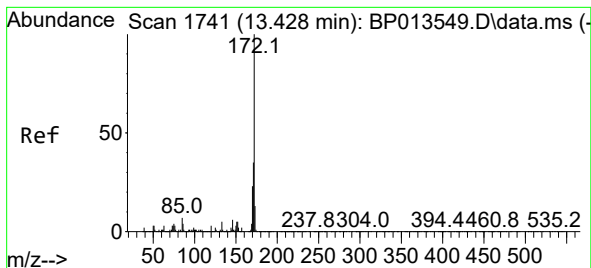
Tgt Ion:196 Resp: 746966  
Ion Ratio Lower Upper  
196 100  
198 97.1 77.3 115.9  
200 31.7 24.6 36.8



#44  
2,4,5-Trichlorophenol  
Concen: 50.677 ng  
RT: 13.304 min Scan# 1720  
Delta R.T. 0.000 min  
Lab File: BP013560.D  
Acq: 23 Jan 2023 22:38

Tgt Ion:196 Resp: 815066  
Ion Ratio Lower Upper  
196 100  
198 95.3 76.7 115.1  
97 46.2 40.0 60.0  
132 27.1 22.1 33.1





#45

2-Fluorobiphenyl

Concen: 96.417 ng

RT: 13.428 min Scan# 1741

Delta R.T. 0.000 min

Lab File: BP013560.D

Acq: 23 Jan 2023 22:38

Instrument :

BNA\_P

ClientSampleId :

PB150338BSD

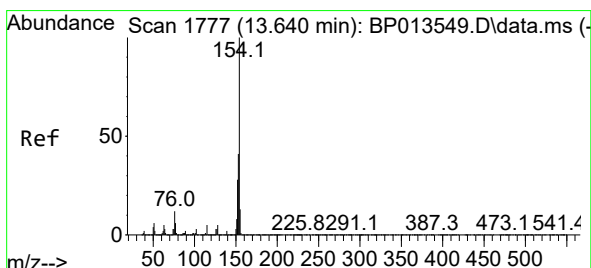
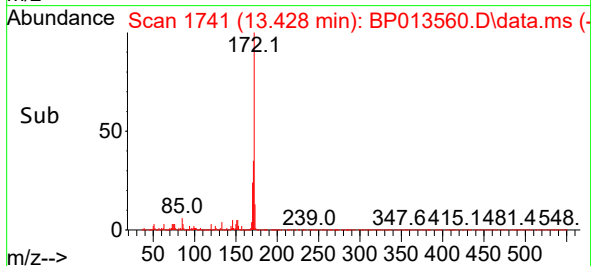
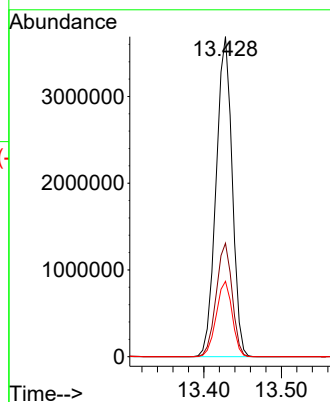
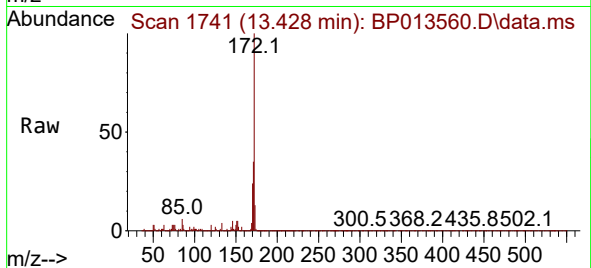
Tgt Ion:172 Resp: 5305849

Ion Ratio Lower Upper

172 100

171 35.5 27.8 41.8

170 23.5 18.6 27.8



#46

1,1'-Biphenyl

Concen: 49.442 ng

RT: 13.634 min Scan# 1776

Delta R.T. -0.006 min

Lab File: BP013560.D

Acq: 23 Jan 2023 22:38

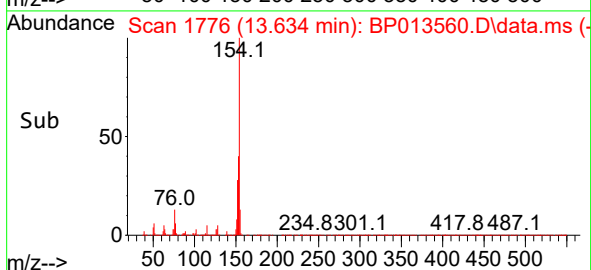
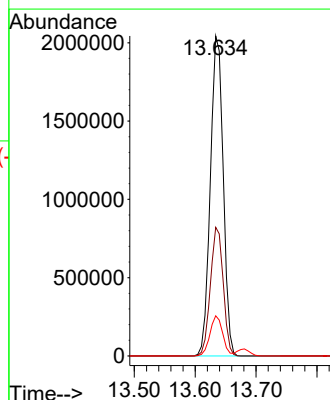
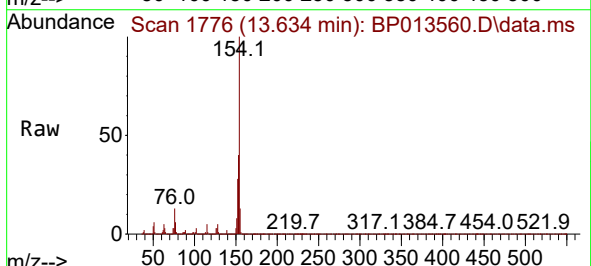
Tgt Ion:154 Resp: 2999379

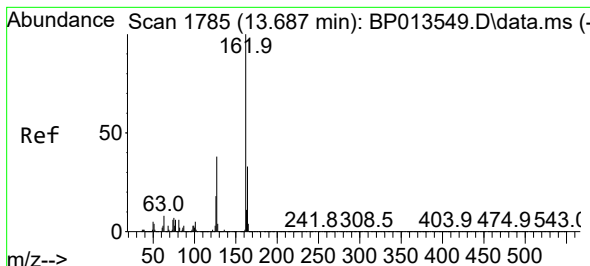
Ion Ratio Lower Upper

154 100

153 40.2 20.5 60.5

76 12.6 0.0 32.1

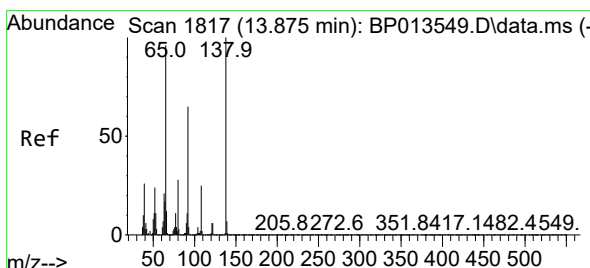
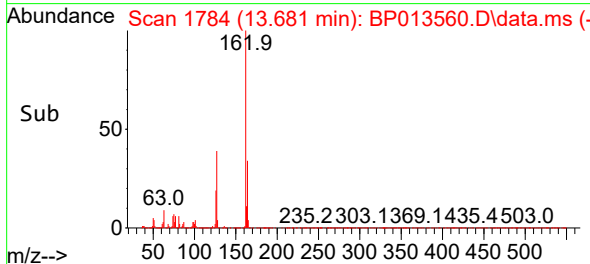
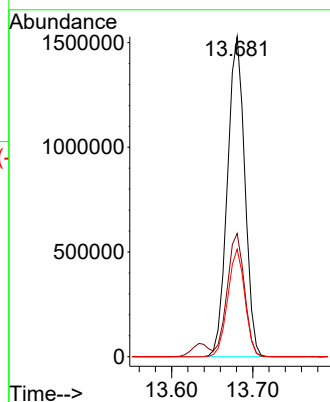
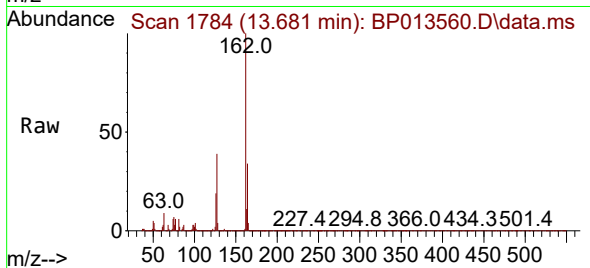




#47  
2-Chloronaphthalene  
Concen: 49.991 ng  
RT: 13.681 min Scan# 1784  
Delta R.T. -0.006 min  
Lab File: BP013560.D  
Acq: 23 Jan 2023 22:38

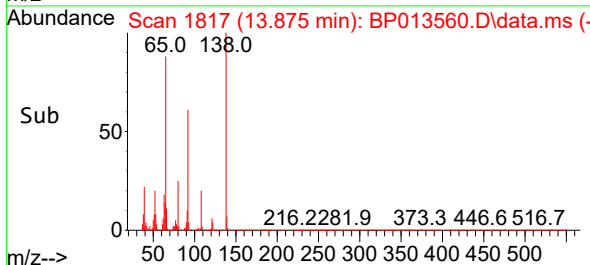
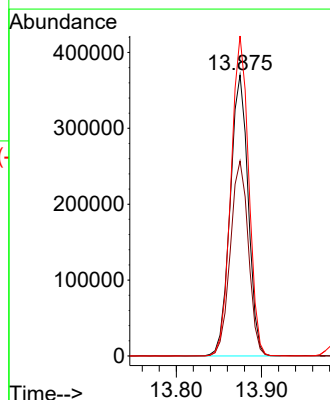
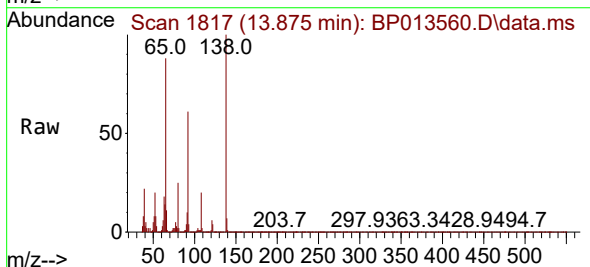
Instrument :  
BNA\_P  
ClientSampleId :  
PB150338BSD

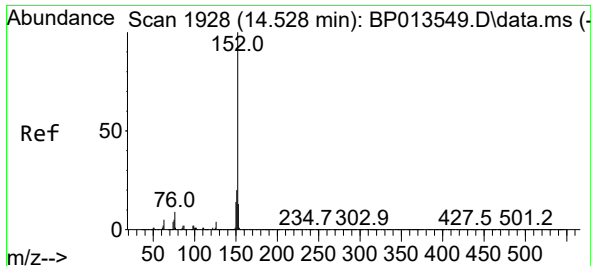
Tgt Ion:162 Resp: 2272013  
Ion Ratio Lower Upper  
162 100  
127 38.5 30.8 46.2  
164 33.6 26.2 39.2



#48  
2-Nitroaniline  
Concen: 47.754 ng  
RT: 13.875 min Scan# 1817  
Delta R.T. -0.000 min  
Lab File: BP013560.D  
Acq: 23 Jan 2023 22:38

Tgt Ion: 65 Resp: 542316  
Ion Ratio Lower Upper  
65 100  
92 69.4 54.1 81.1  
138 113.9 83.6 125.4

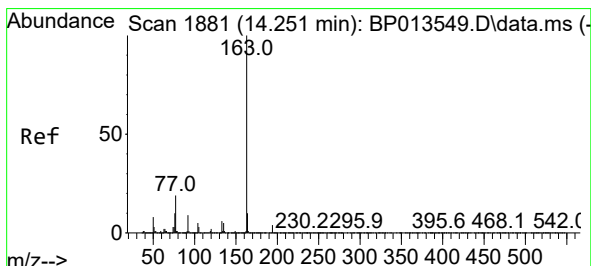
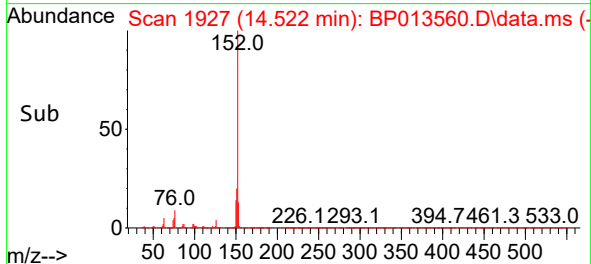
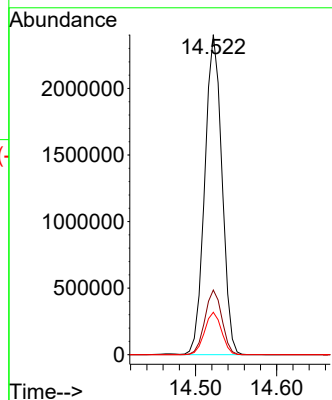
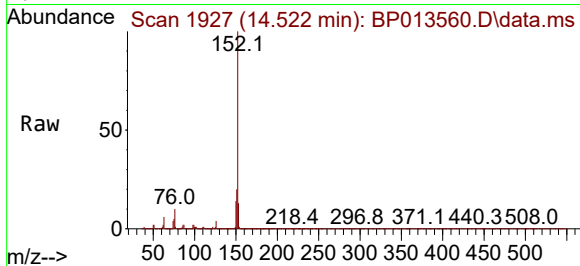




#49  
Acenaphthylene  
Concen: 47.363 ng  
RT: 14.522 min Scan# 1928  
Delta R.T. -0.006 min  
Lab File: BP013560.D  
Acq: 23 Jan 2023 22:38

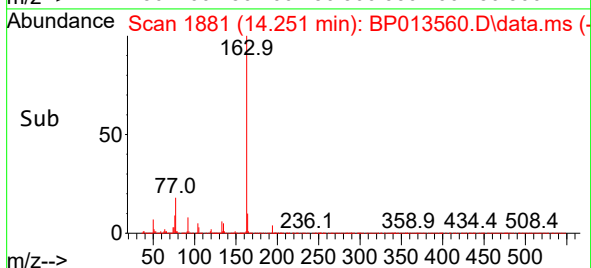
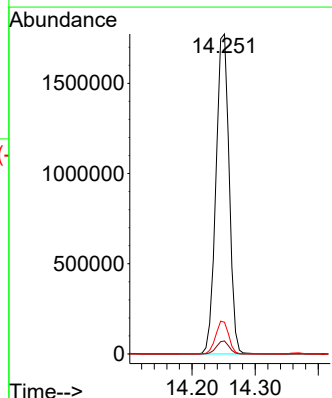
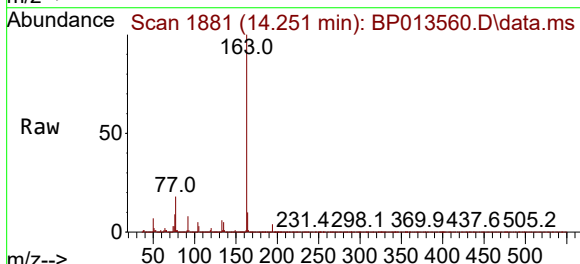
Instrument :  
BNA\_P  
ClientSampleId :  
PB150338BSD

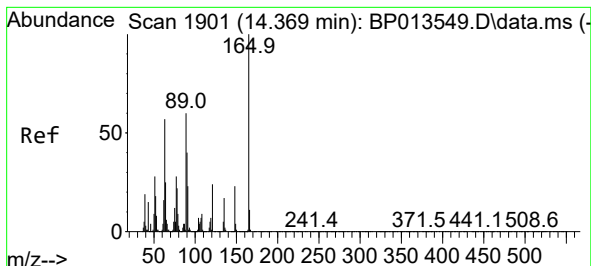
Tgt Ion:152 Resp: 3520247  
Ion Ratio Lower Upper  
152 100  
151 20.2 16.1 24.1  
153 13.3 10.1 15.1



#50  
Dimethylphthalate  
Concen: 45.659 ng  
RT: 14.251 min Scan# 1881  
Delta R.T. 0.000 min  
Lab File: BP013560.D  
Acq: 23 Jan 2023 22:38

Tgt Ion:163 Resp: 2563777  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.2 4.8  
164 9.9 8.1 12.1

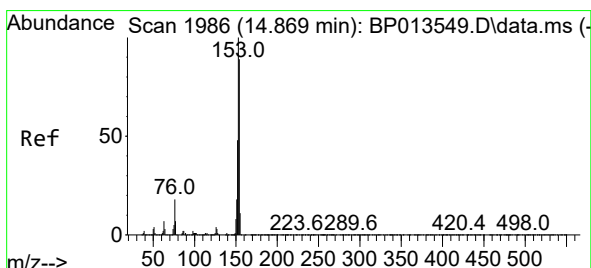
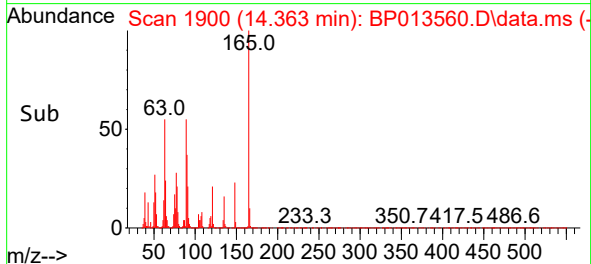
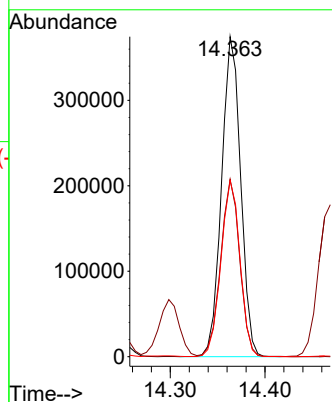
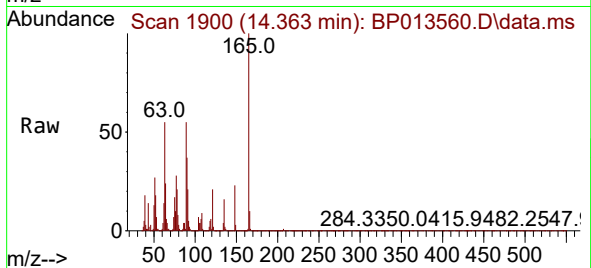




#51  
2,6-Dinitrotoluene  
Concen: 47.807 ng  
RT: 14.363 min Scan# 1901  
Delta R.T. -0.006 min  
Lab File: BP013560.D  
Acq: 23 Jan 2023 22:38

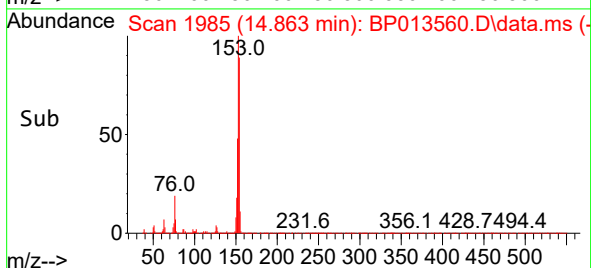
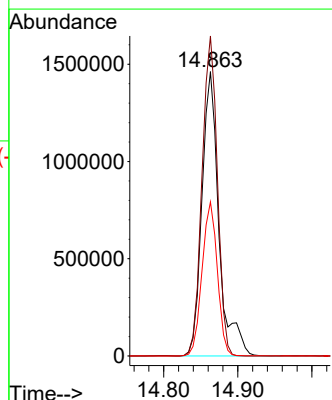
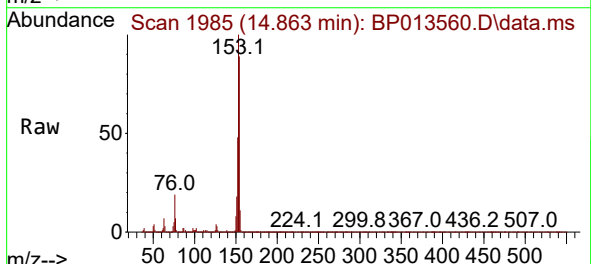
Instrument :  
BNA\_P  
ClientSampleId :  
PB150338BSD

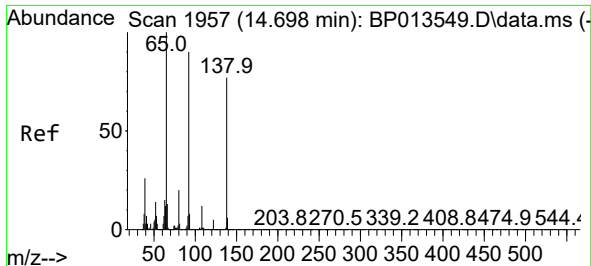
Tgt Ion:165 Resp: 524246  
Ion Ratio Lower Upper  
165 100  
63 55.4 47.2 70.8  
89 55.1 47.8 71.6



#52  
Acenaphthene  
Concen: 50.606 ng  
RT: 14.863 min Scan# 1985  
Delta R.T. -0.006 min  
Lab File: BP013560.D  
Acq: 23 Jan 2023 22:38

Tgt Ion:154 Resp: 2323394  
Ion Ratio Lower Upper  
154 100  
153 112.6 89.4 134.0  
152 54.2 42.7 64.1

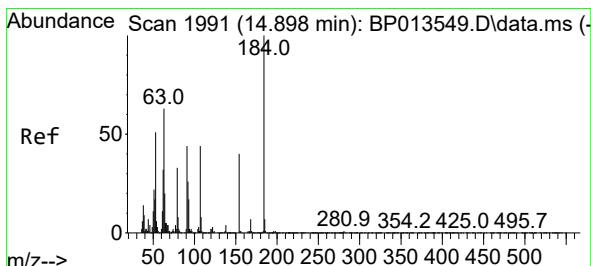
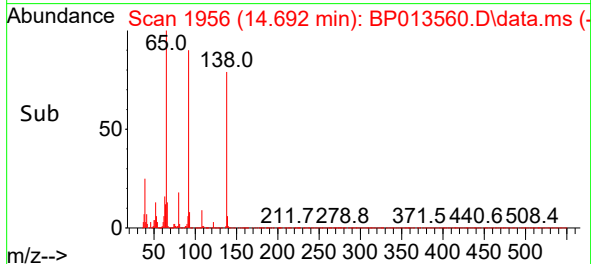
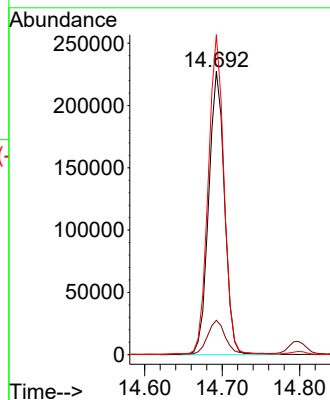
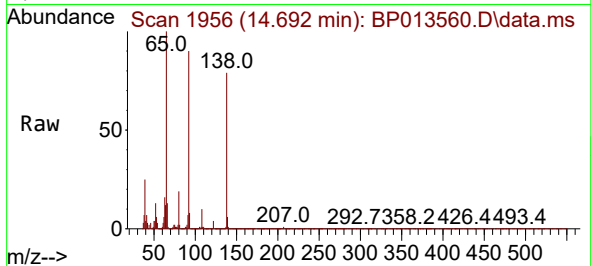




#53  
3-Nitroaniline  
Concen: 28.179 ng  
RT: 14.692 min Scan# 1956  
Delta R.T. -0.006 min  
Lab File: BP013560.D  
Acq: 23 Jan 2023 22:38

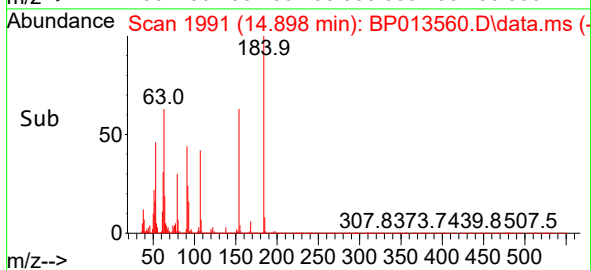
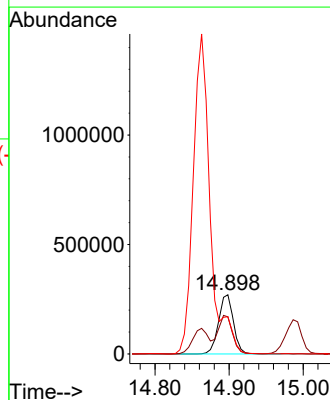
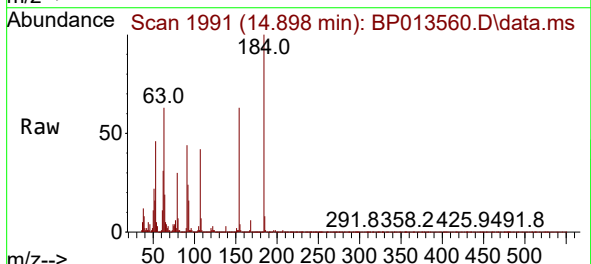
Instrument :  
BNA\_P  
ClientSampleId :  
PB150338BSD

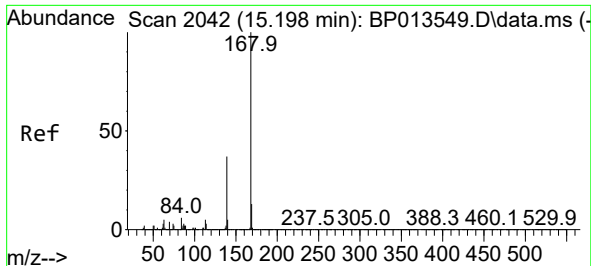
Tgt Ion:138 Resp: 322120  
Ion Ratio Lower Upper  
138 100  
108 12.1 12.8 19.2#  
92 112.9 93.3 139.9



#54  
2,4-Dinitrophenol  
Concen: 86.997 ng  
RT: 14.898 min Scan# 1991  
Delta R.T. 0.000 min  
Lab File: BP013560.D  
Acq: 23 Jan 2023 22:38

Tgt Ion:184 Resp: 376805  
Ion Ratio Lower Upper  
184 100  
63 62.8 53.2 79.8  
154 63.0 54.4 81.6

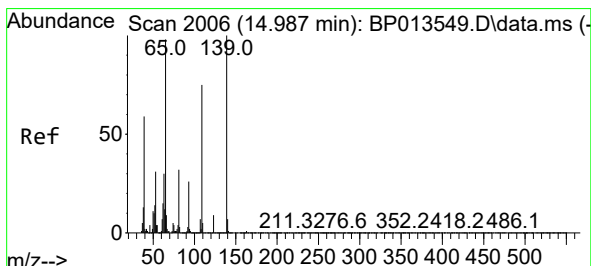
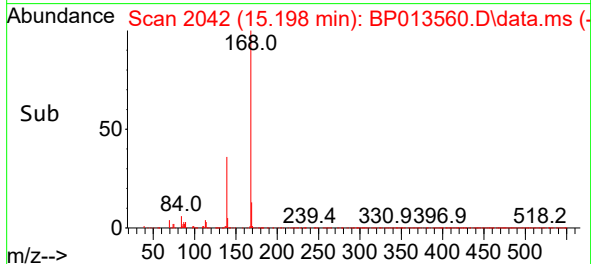
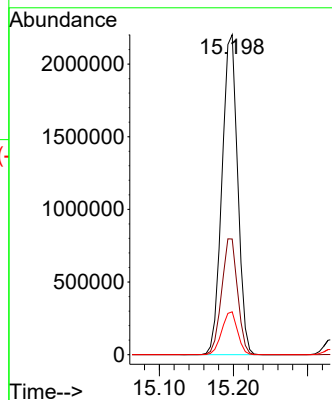
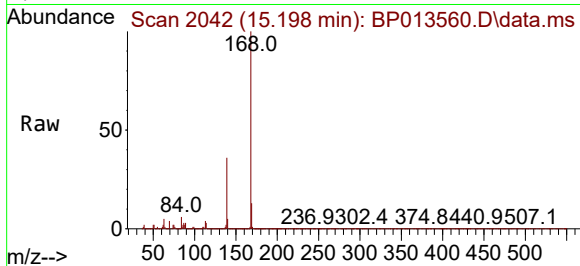




#55  
Dibenzofuran  
Concen: 45.954 ng  
RT: 15.198 min Scan# 2042  
Delta R.T. 0.000 min  
Lab File: BP013560.D  
Acq: 23 Jan 2023 22:38

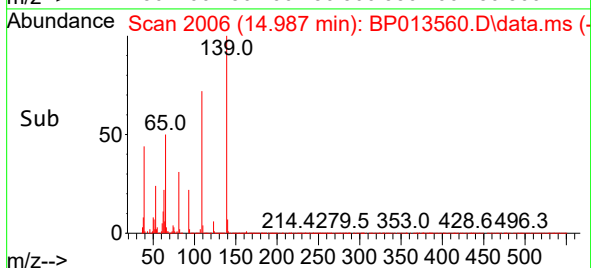
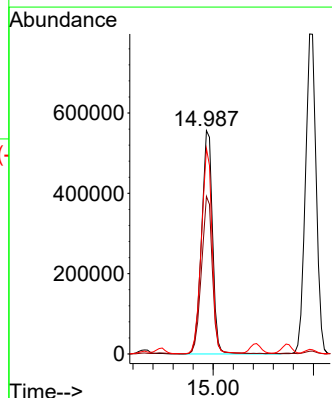
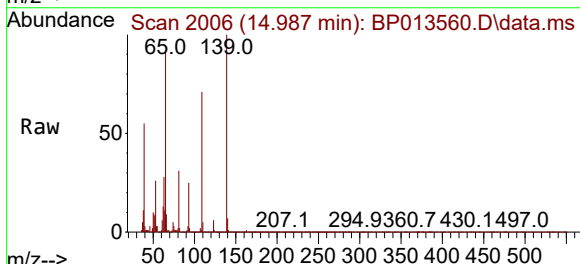
Instrument :  
BNA\_P  
ClientSampleId :  
PB150338BSD

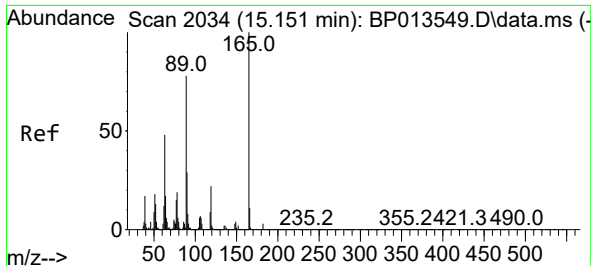
Tgt Ion:168 Resp: 3235217  
Ion Ratio Lower Upper  
168 100  
139 36.2 29.9 44.9  
169 13.4 10.7 16.1



#56  
4-Nitrophenol  
Concen: 88.170 ng  
RT: 14.987 min Scan# 2006  
Delta R.T. -0.000 min  
Lab File: BP013560.D  
Acq: 23 Jan 2023 22:38

Tgt Ion:139 Resp: 843974  
Ion Ratio Lower Upper  
139 100  
109 70.6 55.0 95.0  
65 91.9 77.7 117.7

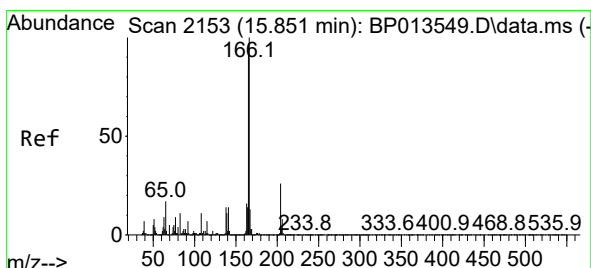
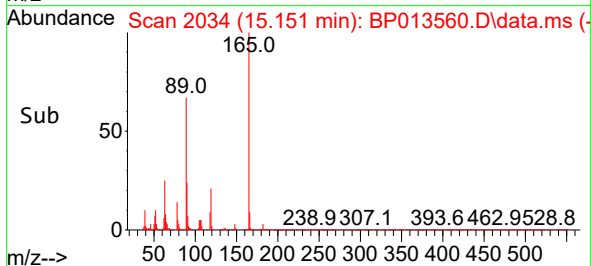
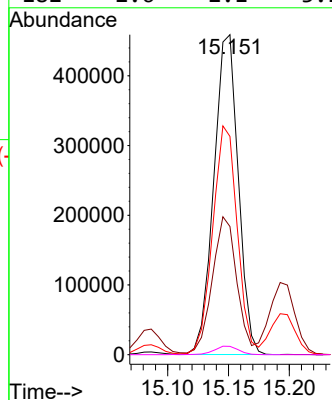
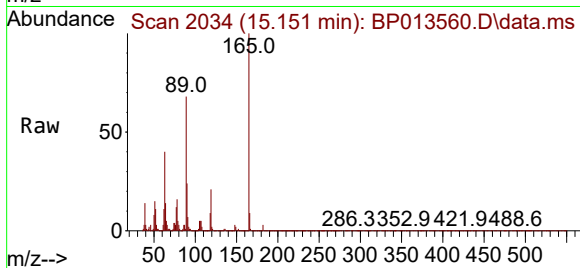




#57  
2,4-Dinitrotoluene  
Concen: 49.130 ng  
RT: 15.151 min Scan# 2034  
Delta R.T. 0.000 min  
Lab File: BP013560.D  
Acq: 23 Jan 2023 22:38

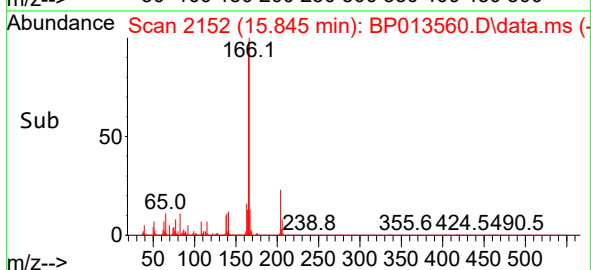
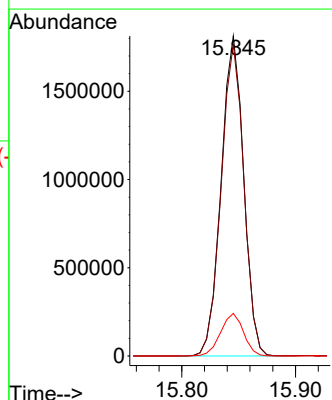
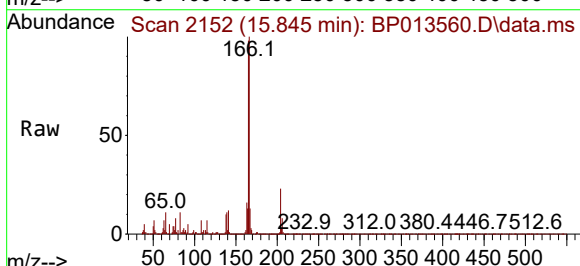
Instrument :  
BNA\_P  
ClientSampleId :  
PB150338BSD

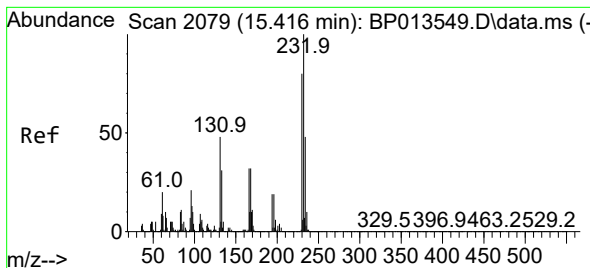
Tgt Ion:165 Resp: 641219  
Ion Ratio Lower Upper  
165 100  
63 40.1 38.3 57.5  
89 68.2 62.1 93.1  
182 2.6 2.1 3.1



#58  
Fluorene  
Concen: 44.711 ng  
RT: 15.845 min Scan# 2152  
Delta R.T. -0.006 min  
Lab File: BP013560.D  
Acq: 23 Jan 2023 22:38

Tgt Ion:166 Resp: 2501873  
Ion Ratio Lower Upper  
166 100  
165 97.5 77.8 116.8  
167 13.3 10.7 16.1

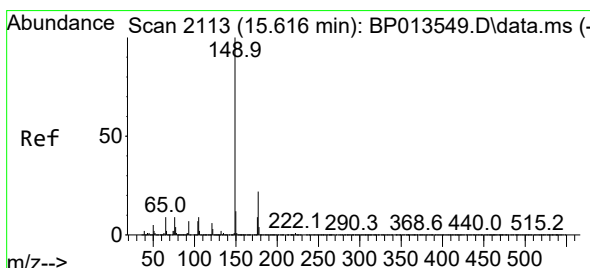
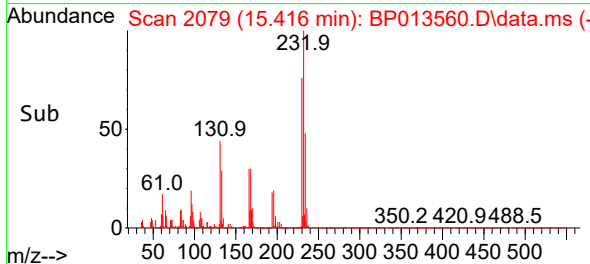
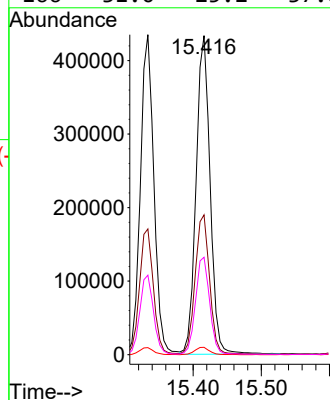
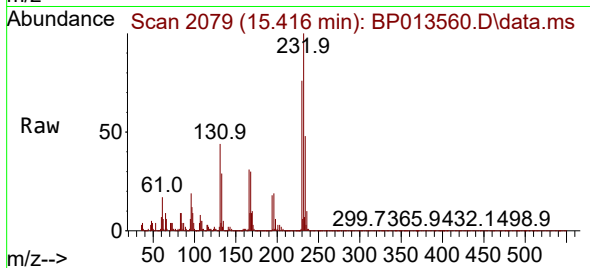




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 50.284 ng  
RT: 15.416 min Scan# 2079  
Delta R.T. 0.000 min  
Lab File: BP013560.D  
Acq: 23 Jan 2023 22:38

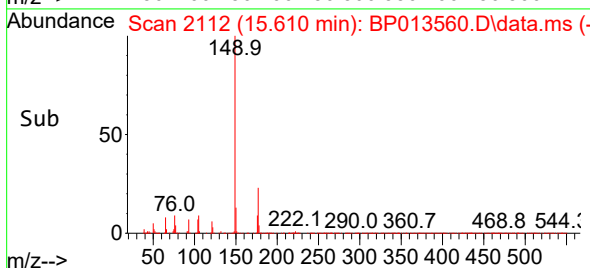
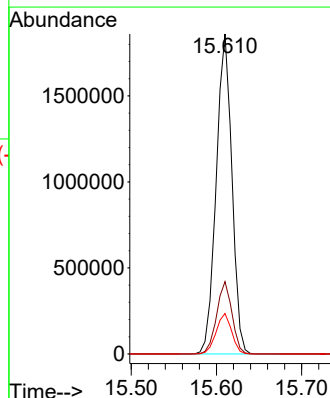
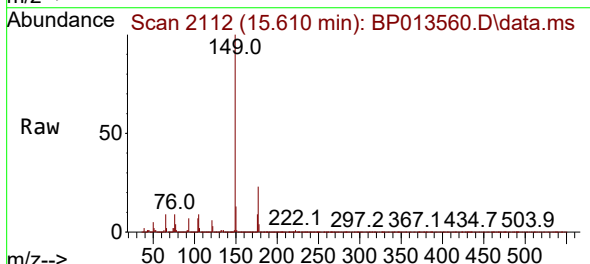
Instrument :  
BNA\_P  
ClientSampleId :  
PB150338BSD

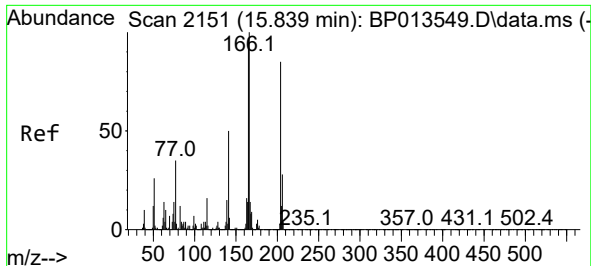
Tgt Ion:232 Resp: 620996  
Ion Ratio Lower Upper  
232 100  
131 45.0 37.1 55.7  
130 2.4 1.9 2.9  
166 31.0 25.2 37.8



#60  
Diethylphthalate  
Concen: 43.355 ng  
RT: 15.610 min Scan# 2112  
Delta R.T. -0.006 min  
Lab File: BP013560.D  
Acq: 23 Jan 2023 22:38

Tgt Ion:149 Resp: 2377658  
Ion Ratio Lower Upper  
149 100  
177 22.6 17.8 26.6  
150 12.7 9.8 14.6

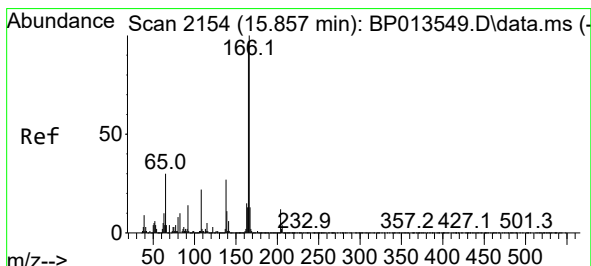
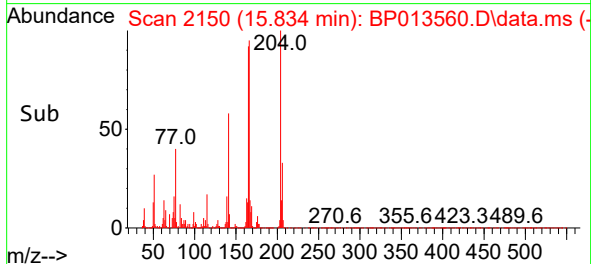
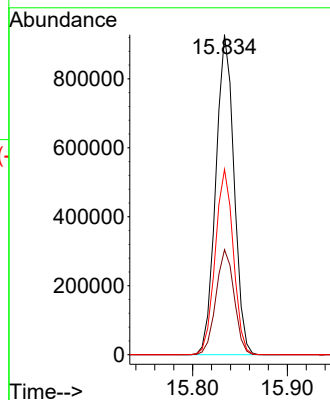
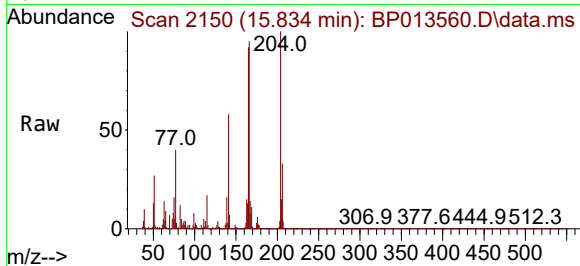




#61  
4-Chlorophenyl-phenylether  
Concen: 45.091 ng  
RT: 15.834 min Scan# 2150  
Delta R.T. -0.006 min  
Lab File: BP013560.D  
Acq: 23 Jan 2023 22:38

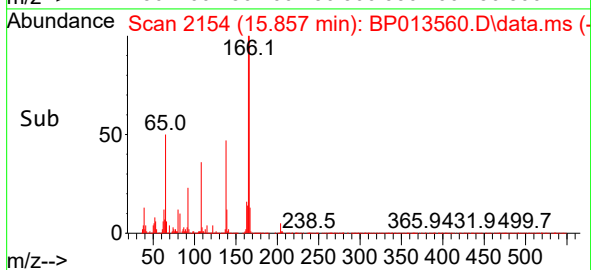
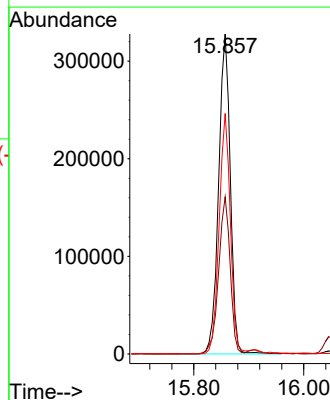
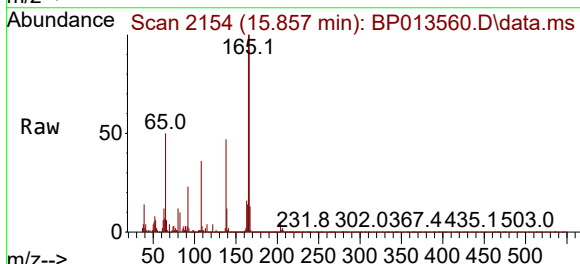
Instrument :  
BNA\_P  
ClientSampleId :  
PB150338BSD

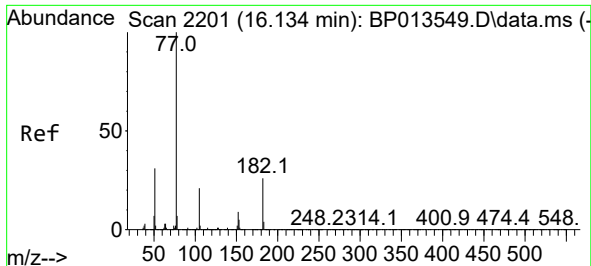
Tgt Ion:204 Resp: 1240658  
Ion Ratio Lower Upper  
204 100  
206 32.8 26.6 39.8  
141 57.9 47.0 70.4



#62  
4-Nitroaniline  
Concen: 40.895 ng  
RT: 15.857 min Scan# 2154  
Delta R.T. 0.000 min  
Lab File: BP013560.D  
Acq: 23 Jan 2023 22:38

Tgt Ion:138 Resp: 483695  
Ion Ratio Lower Upper  
138 100  
92 49.1 32.3 72.3  
108 75.2 59.2 99.2

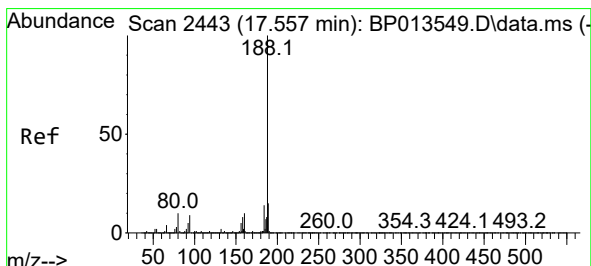
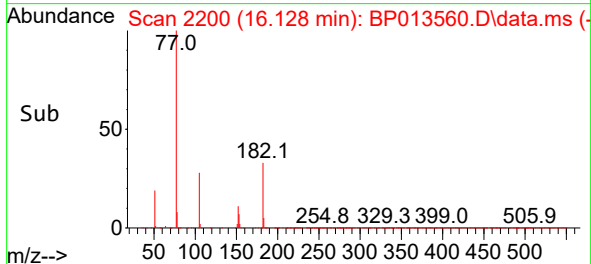
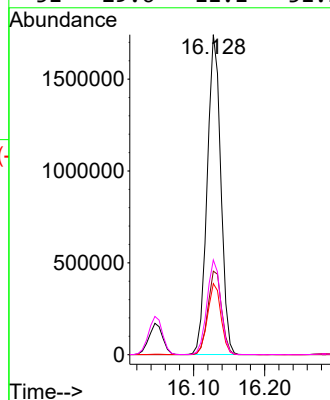
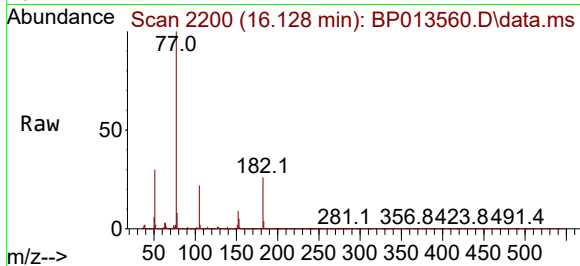




#63  
Azobenzene  
Concen: 43.475 ng  
RT: 16.128 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BP013560.D  
Acq: 23 Jan 2023 22:38

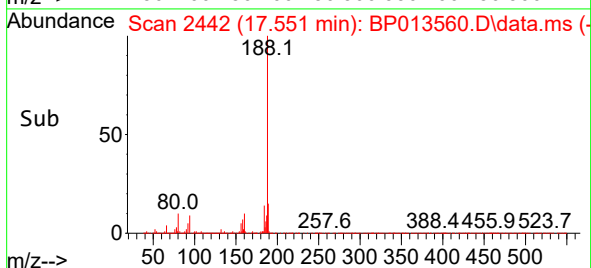
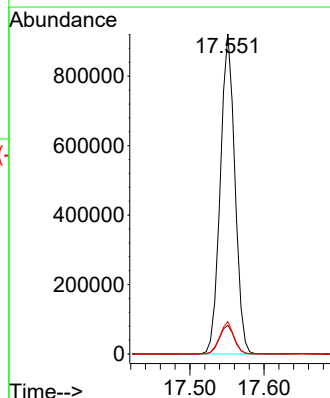
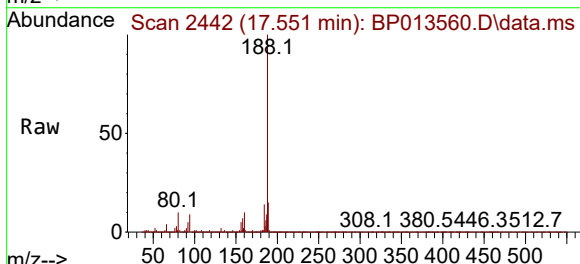
Instrument :  
BNA\_P  
ClientSampleId :  
PB150338BSD

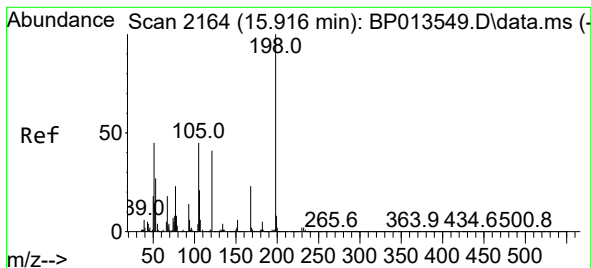
Tgt Ion: 77 Resp: 2316816  
Ion Ratio Lower Upper  
77 100  
182 26.1 5.5 45.5  
105 22.2 1.4 41.4  
51 29.6 11.1 51.1



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.551 min Scan# 2442  
Delta R.T. -0.006 min  
Lab File: BP013560.D  
Acq: 23 Jan 2023 22:38

Tgt Ion:188 Resp: 1259402  
Ion Ratio Lower Upper  
188 100  
94 9.0 7.2 10.8  
80 10.1 8.2 12.2

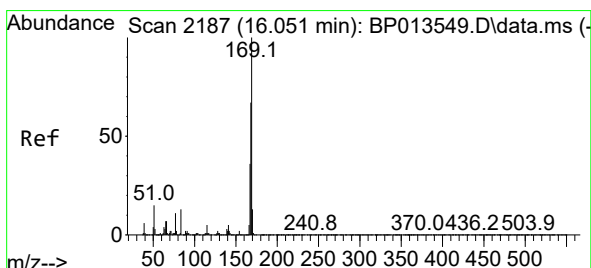
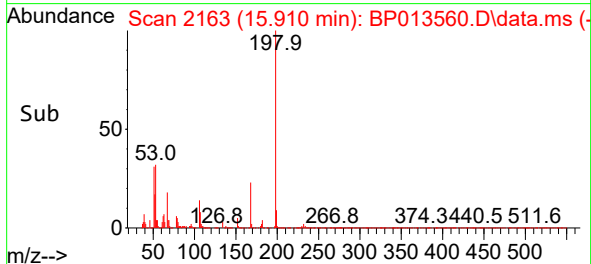
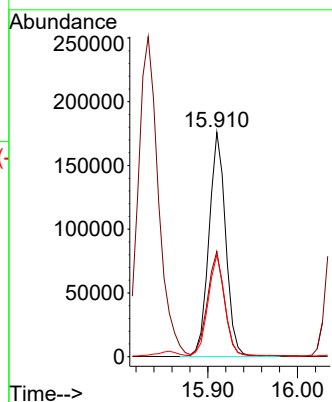
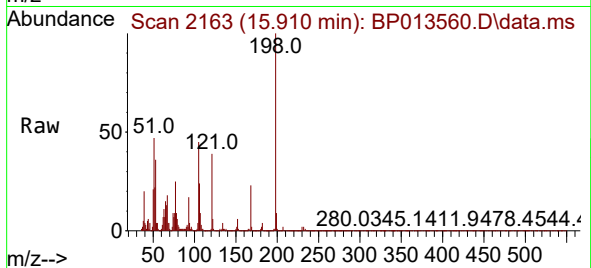




#65  
4,6-Dinitro-2-methylphenol  
Concen: 53.825 ng  
RT: 15.910 min Scan# 2163  
Delta R.T. -0.006 min  
Lab File: BP013560.D  
Acq: 23 Jan 2023 22:38

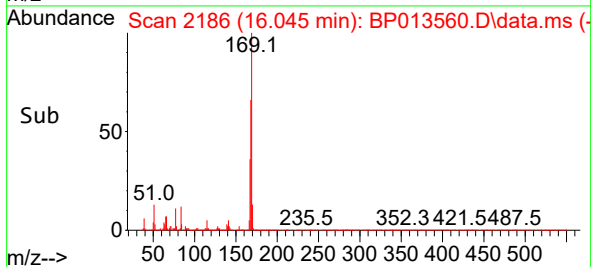
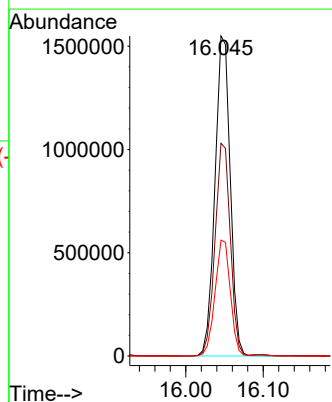
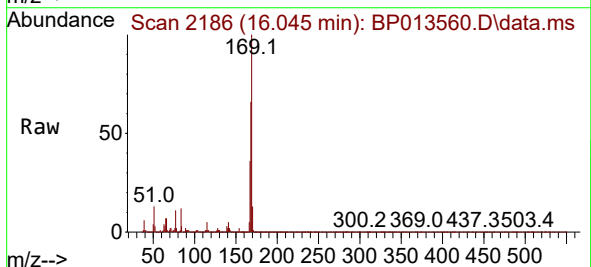
Instrument :  
BNA\_P  
ClientSampleId :  
PB150338BSD

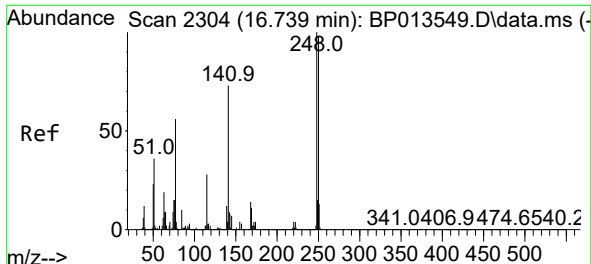
Tgt Ion:198 Resp: 227310  
Ion Ratio Lower Upper  
198 100  
51 46.9 30.4 70.4  
105 45.4 26.4 66.4



#66  
n-Nitrosodiphenylamine  
Concen: 51.576 ng  
RT: 16.045 min Scan# 2186  
Delta R.T. -0.006 min  
Lab File: BP013560.D  
Acq: 23 Jan 2023 22:38

Tgt Ion:169 Resp: 2118262  
Ion Ratio Lower Upper  
169 100  
168 66.4 54.0 81.0  
167 36.2 29.0 43.6

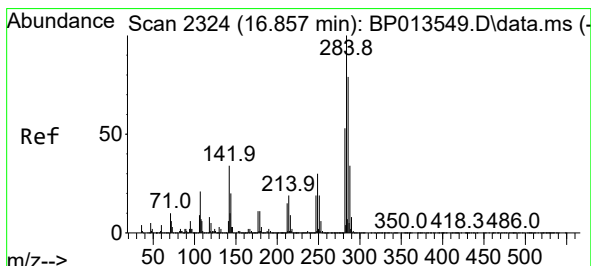
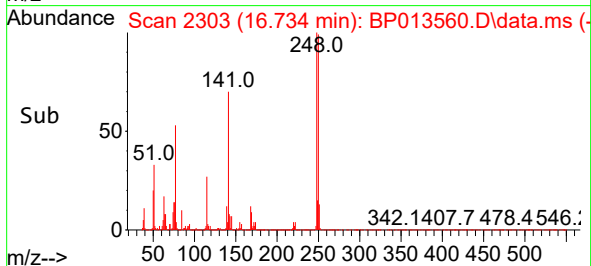
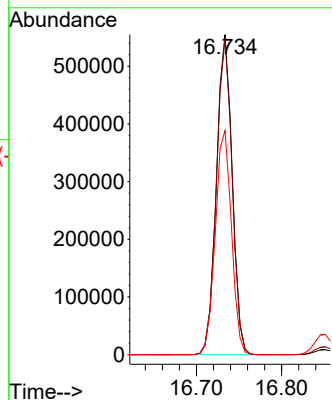
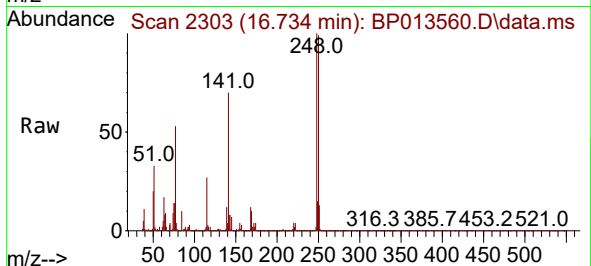




#67  
4-Bromophenyl-phenylether  
Concen: 51.275 ng  
RT: 16.734 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BP013560.D  
Acq: 23 Jan 2023 22:38

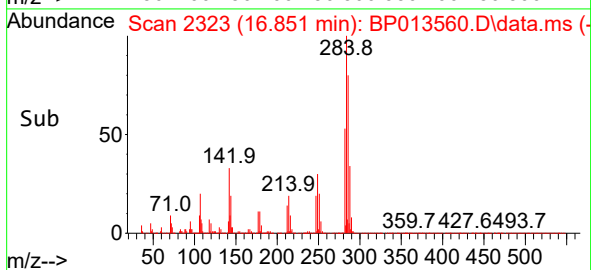
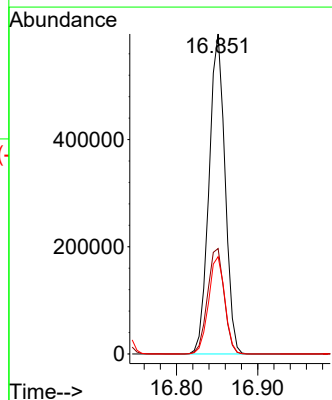
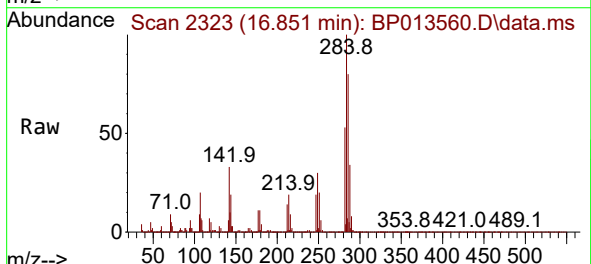
Instrument :  
BNA\_P  
ClientSampleId :  
PB150338BSD

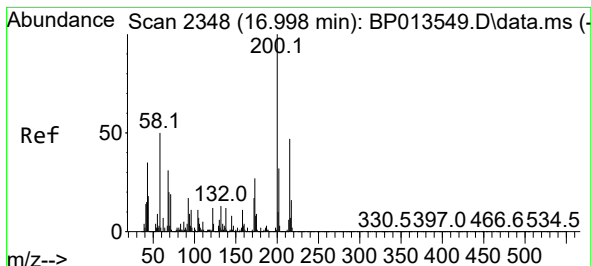
Tgt Ion:248 Resp: 715303  
Ion Ratio Lower Upper  
248 100  
250 98.7 78.1 117.1  
141 70.1 58.1 87.1



#68  
Hexachlorobenzene  
Concen: 54.112 ng  
RT: 16.851 min Scan# 2323  
Delta R.T. -0.006 min  
Lab File: BP013560.D  
Acq: 23 Jan 2023 22:38

Tgt Ion:284 Resp: 815401  
Ion Ratio Lower Upper  
284 100  
142 32.9 27.3 40.9  
249 30.4 24.0 36.0





#69

Atrazine

Concen: 51.372 ng

RT: 16.998 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP013560.D

Acq: 23 Jan 2023 22:38

Instrument :

BNA\_P

ClientSampleId :

PB150338BSD

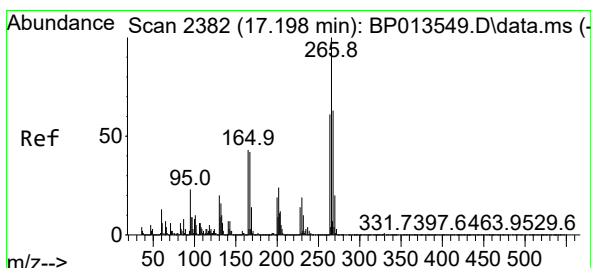
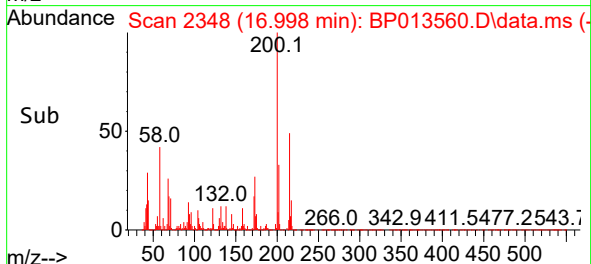
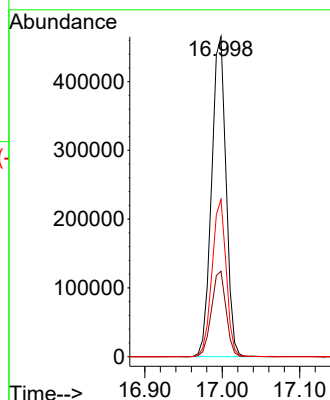
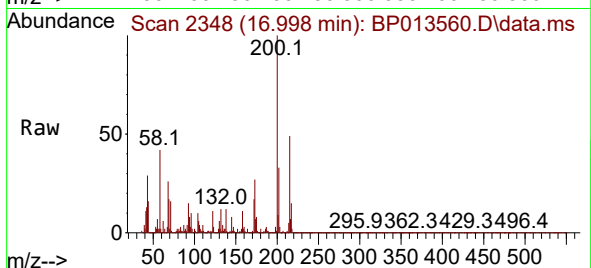
Tgt Ion:200 Resp: 603677

Ion Ratio Lower Upper

200 100

173 26.7 7.2 47.2

215 49.2 27.3 67.3



#70

Pentachlorophenol

Concen: 83.443 ng

RT: 17.192 min Scan# 2381

Delta R.T. -0.006 min

Lab File: BP013560.D

Acq: 23 Jan 2023 22:38

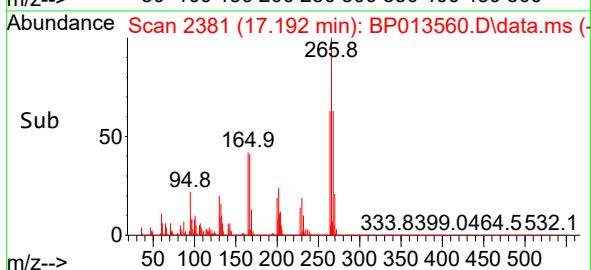
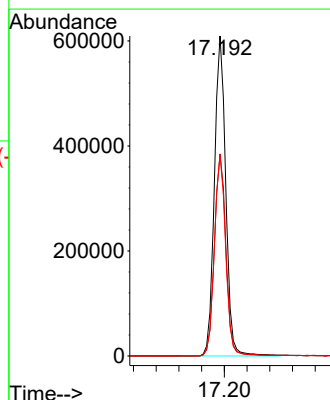
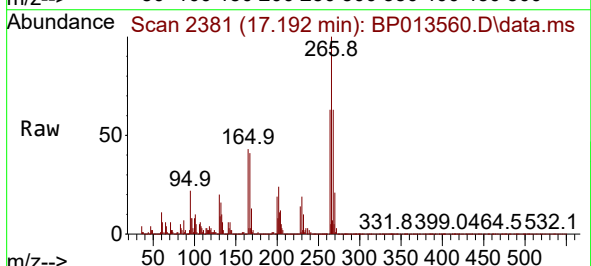
Tgt Ion:266 Resp: 841670

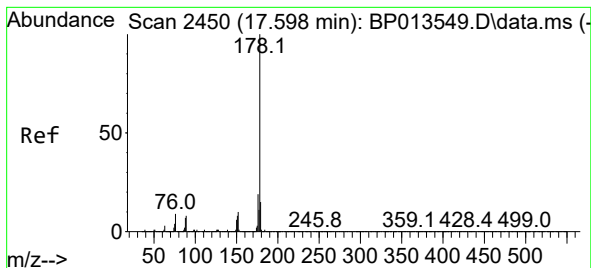
Ion Ratio Lower Upper

266 100

268 63.2 50.7 76.1

264 63.1 48.9 73.3





#71

Phenanthrene

Concen: 48.045 ng

RT: 17.592 min Scan# 24

Delta R.T. -0.006 min

Lab File: BP013560.D

Acq: 23 Jan 2023 22:38

Instrument :

BNA\_P

ClientSampleId :

PB150338BSD

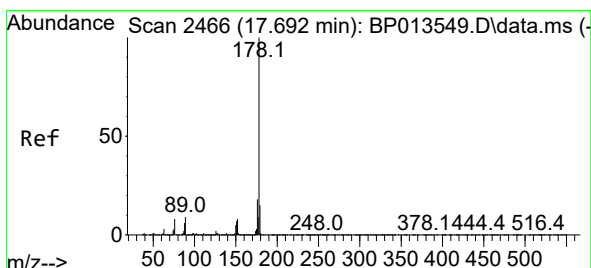
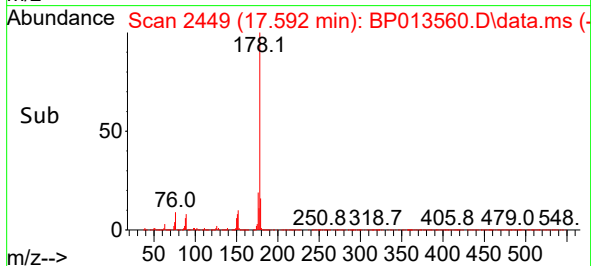
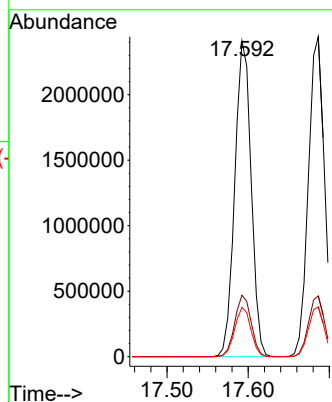
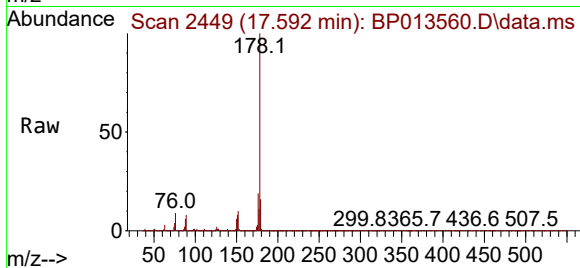
Tgt Ion:178 Resp: 3366600

Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

179 15.6 12.2 18.4



#72

Anthracene

Concen: 47.536 ng

RT: 17.686 min Scan# 2465

Delta R.T. -0.006 min

Lab File: BP013560.D

Acq: 23 Jan 2023 22:38

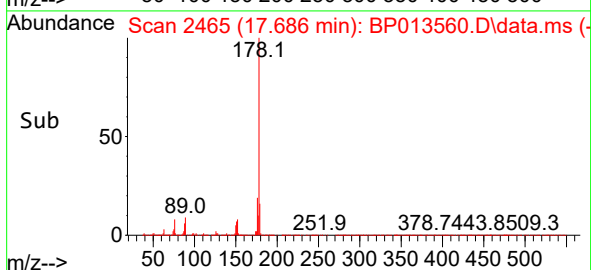
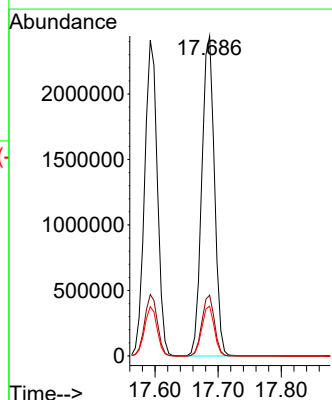
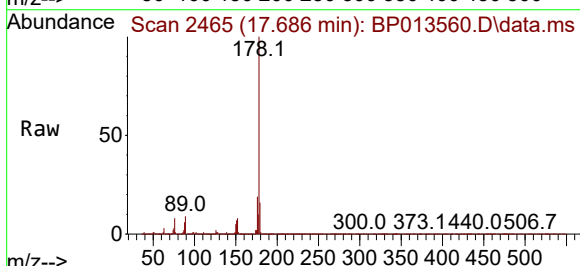
Tgt Ion:178 Resp: 3380677

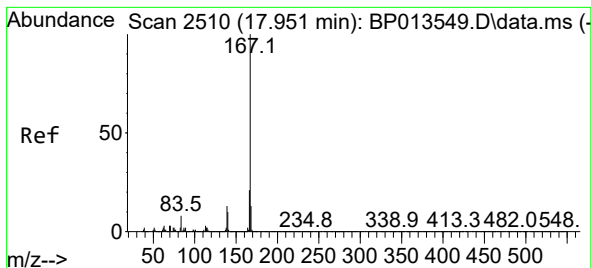
Ion Ratio Lower Upper

178 100

176 19.0 14.6 22.0

179 15.5 12.3 18.5





#73

Carbazole

Concen: 44.379 ng

RT: 17.945 min Scan# 2509

Delta R.T. -0.006 min

Lab File: BP013560.D

Acq: 23 Jan 2023 22:38

Instrument :

BNA\_P

ClientSampleId :

PB150338BSD

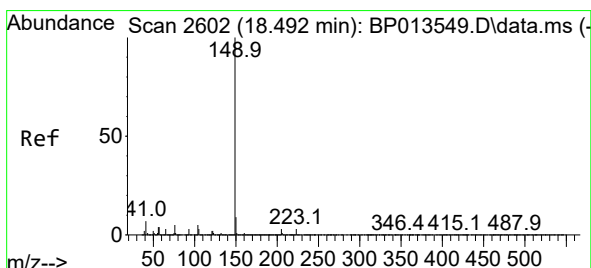
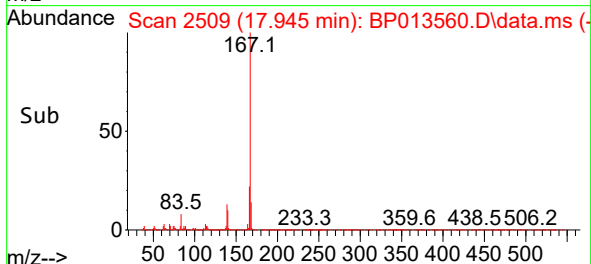
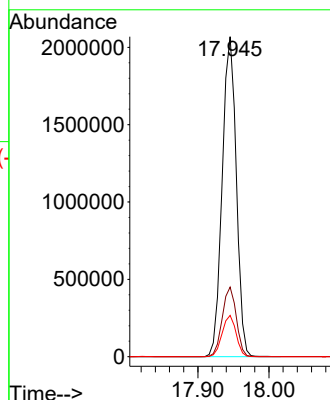
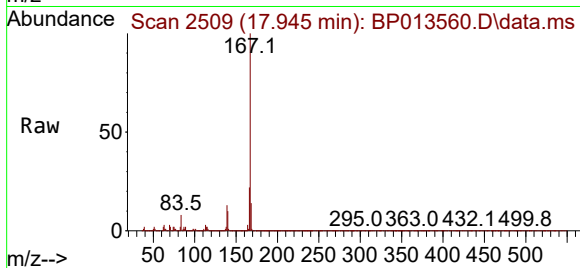
Tgt Ion:167 Resp: 2836354

Ion Ratio Lower Upper

167 100

166 21.7 17.2 25.8

139 12.9 10.3 15.5



#74

Di-n-butylphthalate

Concen: 44.516 ng

RT: 18.486 min Scan# 2601

Delta R.T. -0.006 min

Lab File: BP013560.D

Acq: 23 Jan 2023 22:38

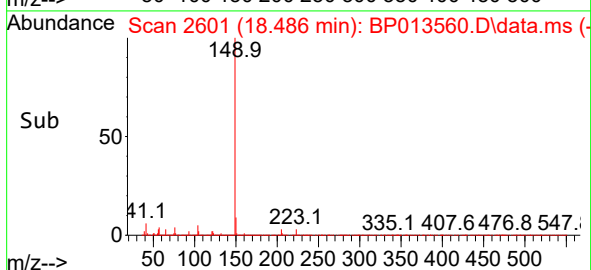
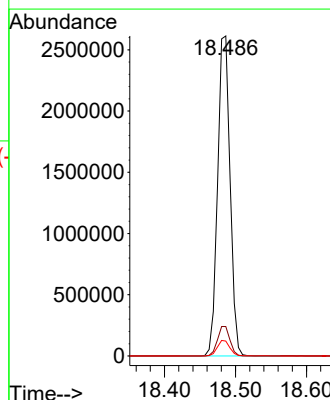
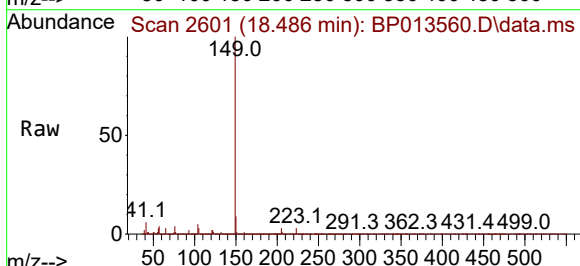
Tgt Ion:149 Resp: 3166555

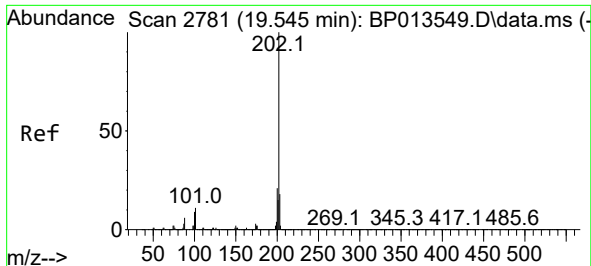
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 4.7 3.9 5.9

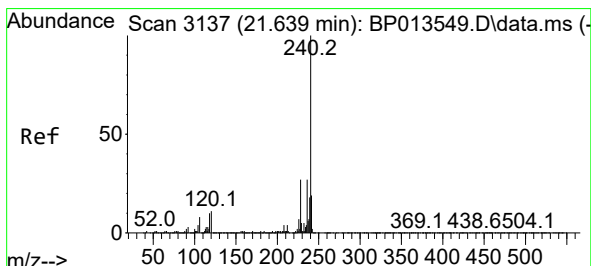
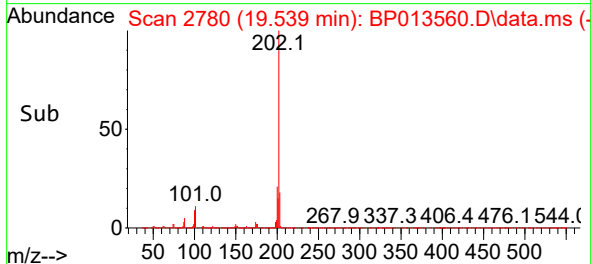
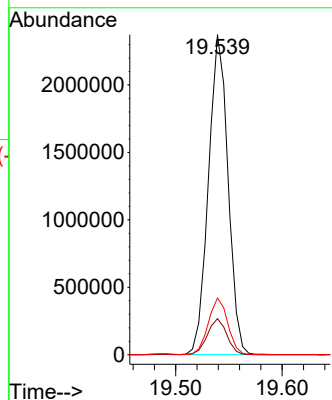
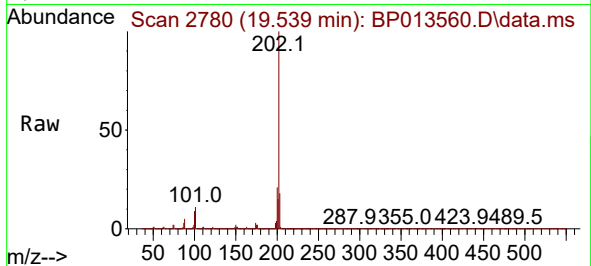




#75  
Fluoranthene  
Concen: 40.667 ng  
RT: 19.539 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BP013560.D  
Acq: 23 Jan 2023 22:38

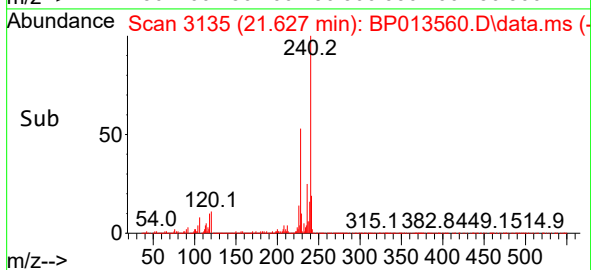
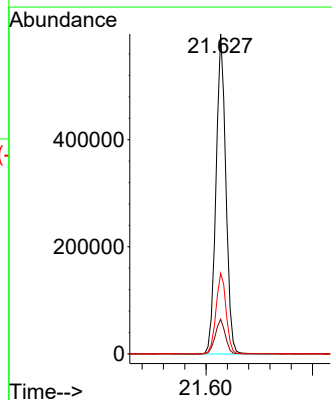
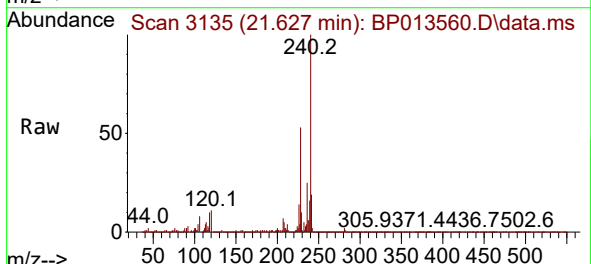
Instrument :  
BNA\_P  
ClientSampleId :  
PB150338BSD

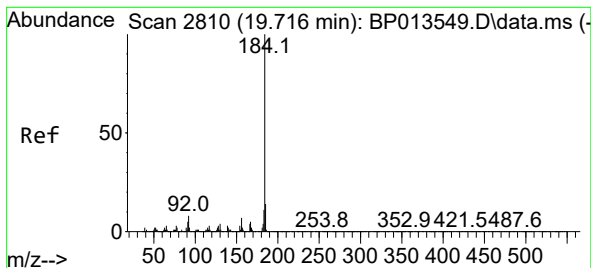
Tgt Ion:202 Resp: 3030329  
Ion Ratio Lower Upper  
202 100  
101 11.3 0.0 31.4  
203 17.7 0.0 37.9



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.627 min Scan# 3135  
Delta R.T. -0.012 min  
Lab File: BP013560.D  
Acq: 23 Jan 2023 22:38

Tgt Ion:240 Resp: 765289  
Ion Ratio Lower Upper  
240 100  
120 10.9 8.6 13.0  
236 25.2 21.3 31.9





#77

Benzidine

Concen: 61.056 ng

RT: 19.710 min Scan# 2810

Delta R.T. -0.006 min

Lab File: BP013560.D

Acq: 23 Jan 2023 22:38

Instrument :

BNA\_P

ClientSampleId :

PB150338BSD

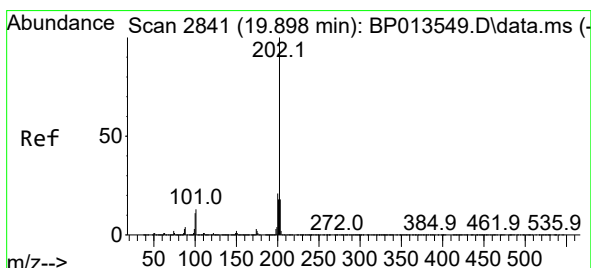
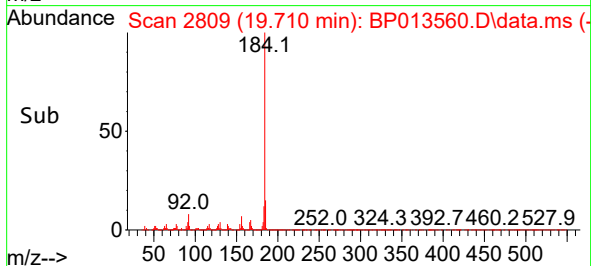
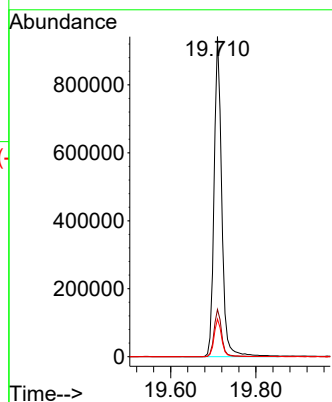
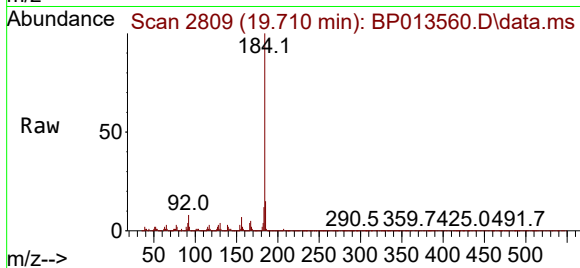
Tgt Ion:184 Resp: 1175168

Ion Ratio Lower Upper

184 100

185 14.8 11.5 17.3

183 11.8 9.0 13.6



#78

Pyrene

Concen: 53.280 ng

RT: 19.892 min Scan# 2840

Delta R.T. -0.006 min

Lab File: BP013560.D

Acq: 23 Jan 2023 22:38

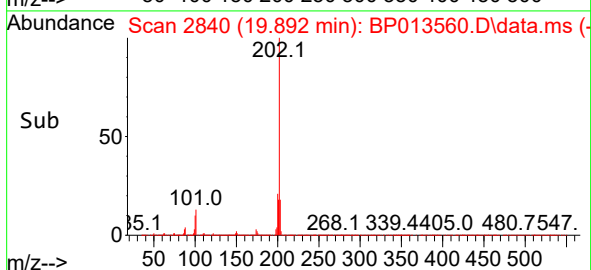
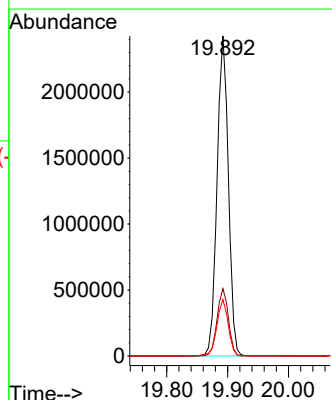
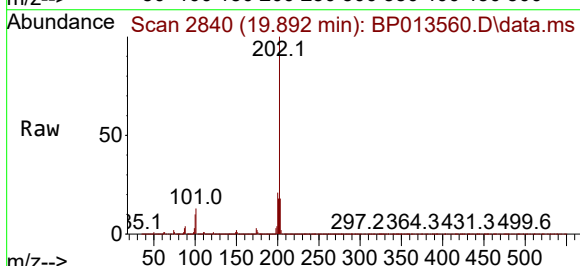
Tgt Ion:202 Resp: 3117771

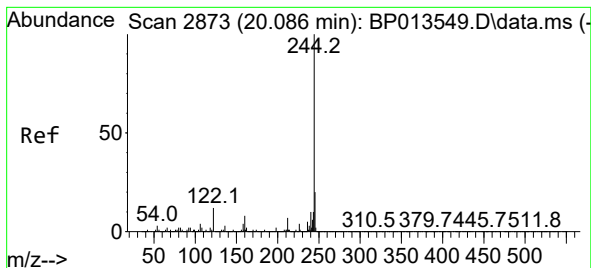
Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.6

203 17.6 14.2 21.2





#79

Terphenyl-d14

Concen: 111.328 ng

RT: 20.080 min Scan# 2873

Delta R.T. -0.006 min

Lab File: BP013560.D

Acq: 23 Jan 2023 22:38

Instrument :

BNA\_P

ClientSampleId :

PB150338BSD

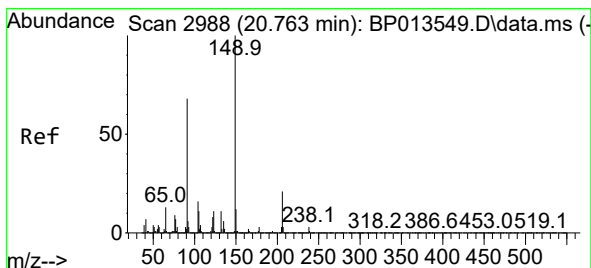
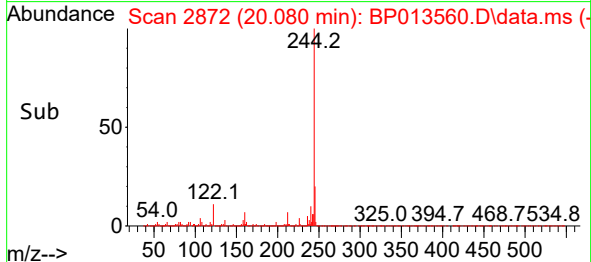
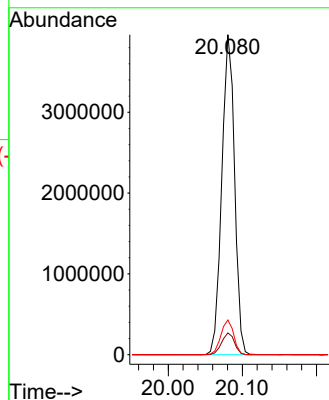
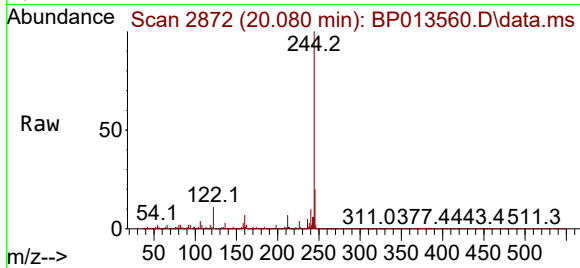
Tgt Ion:244 Resp: 4735858

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 10.8 9.2 13.8



#80

Butylbenzylphthalate

Concen: 53.065 ng

RT: 20.751 min Scan# 2986

Delta R.T. -0.012 min

Lab File: BP013560.D

Acq: 23 Jan 2023 22:38

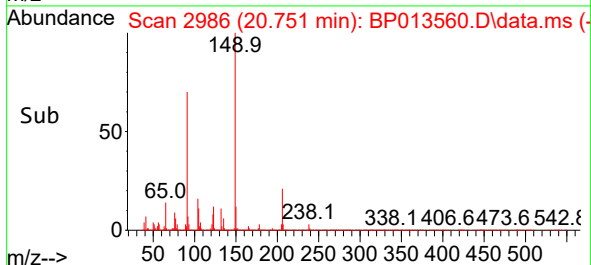
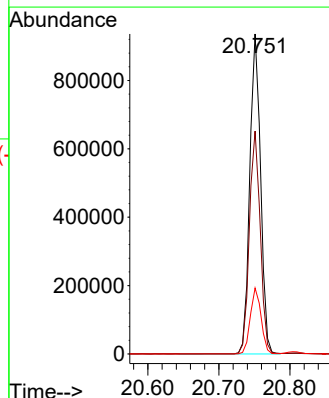
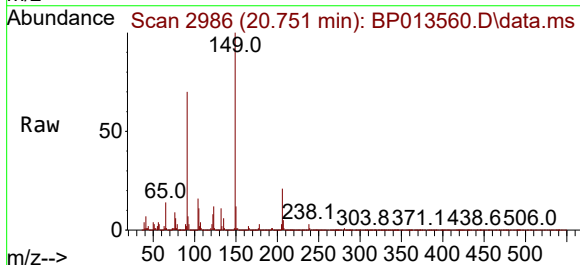
Tgt Ion:149 Resp: 988666

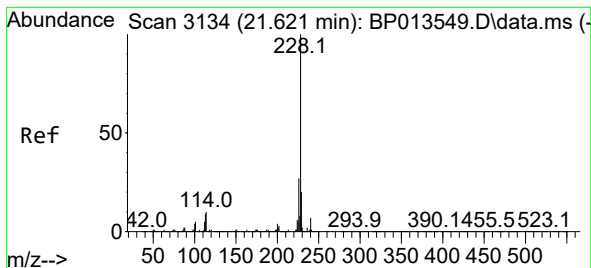
Ion Ratio Lower Upper

149 100

91 69.7 54.6 81.8

206 20.6 16.7 25.1





#81

Benzo(a)anthracene

Concen: 48.109 ng

RT: 21.610 min Scan# 3119

Delta R.T. -0.011 min

Lab File: BP013560.D

Acq: 23 Jan 2023 22:38

Instrument :

BNA\_P

ClientSampleId :

PB150338BSD

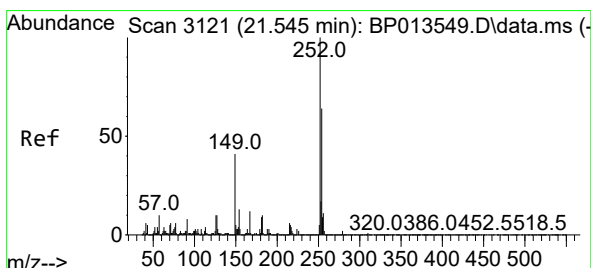
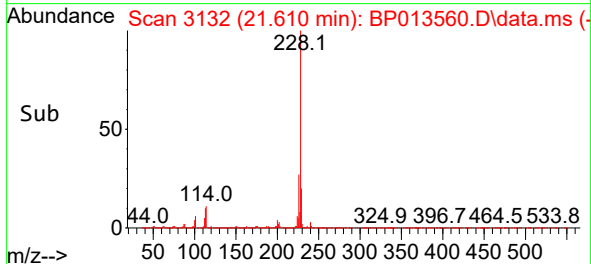
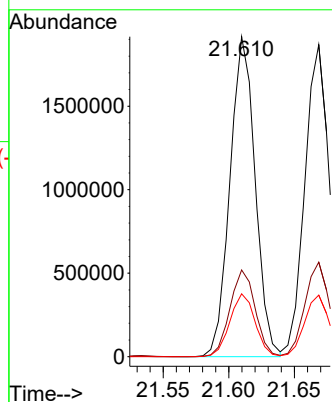
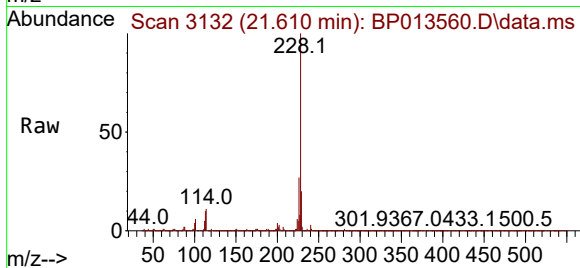
Tgt Ion:228 Resp: 2564945

Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.8

229 19.7 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 32.027 ng

RT: 21.533 min Scan# 3119

Delta R.T. -0.012 min

Lab File: BP013560.D

Acq: 23 Jan 2023 22:38

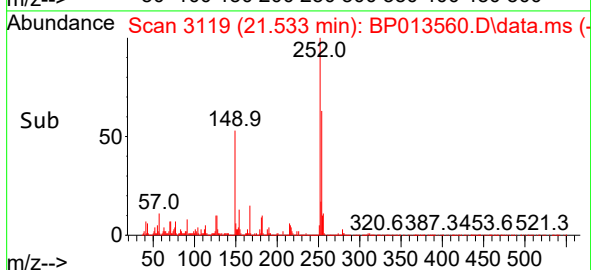
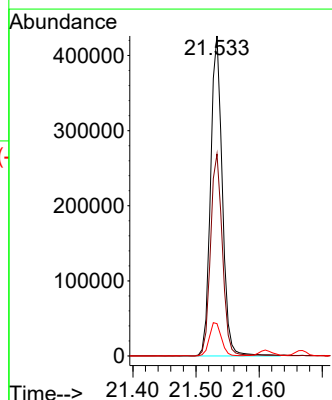
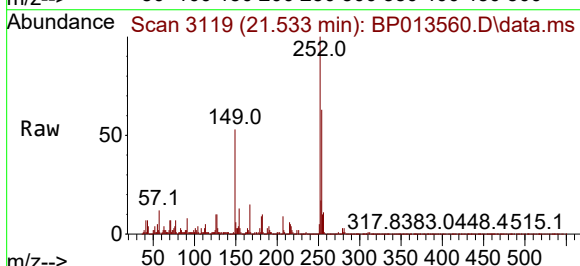
Tgt Ion:252 Resp: 550166

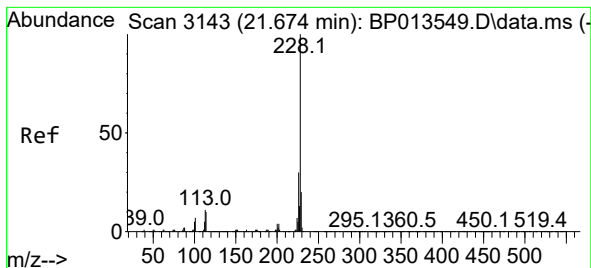
Ion Ratio Lower Upper

252 100

254 63.1 51.4 77.0

126 10.1 8.3 12.5





#83

Chrysene

Concen: 48.054 ng

RT: 21.669 min Scan# 3142

Delta R.T. -0.006 min

Lab File: BP013560.D

Acq: 23 Jan 2023 22:38

Instrument :

BNA\_P

ClientSampleId :

PB150338BSD

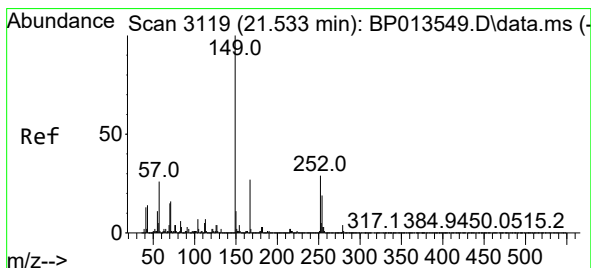
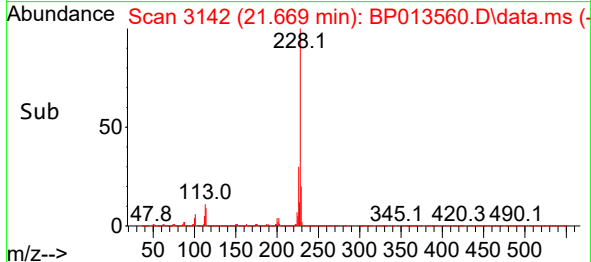
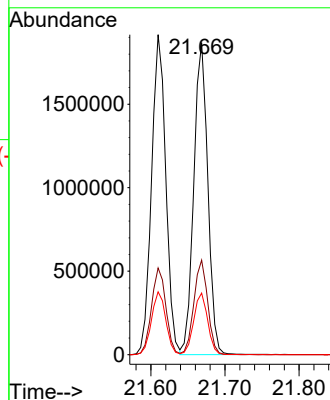
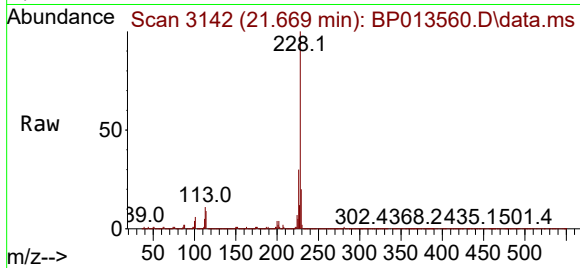
Tgt Ion:228 Resp: 2450423

Ion Ratio Lower Upper

228 100

226 30.3 24.1 36.1

229 19.7 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.043 ng

RT: 21.522 min Scan# 3117

Delta R.T. -0.012 min

Lab File: BP013560.D

Acq: 23 Jan 2023 22:38

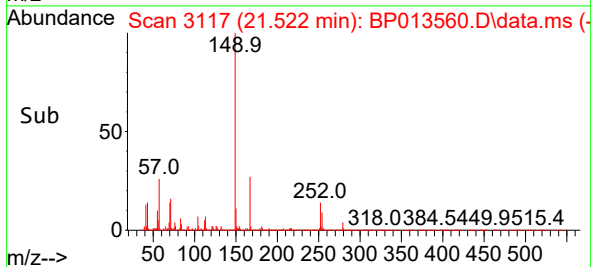
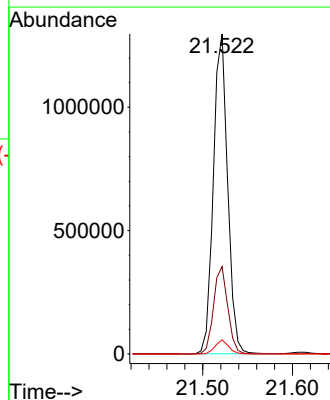
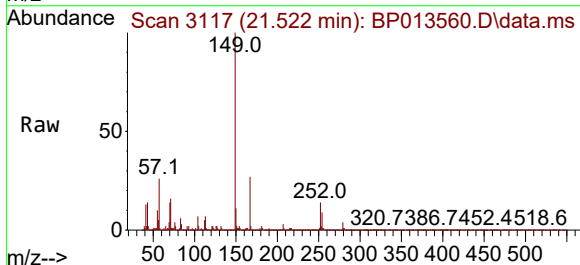
Tgt Ion:149 Resp: 1432520

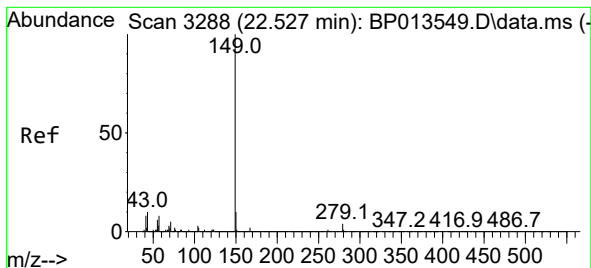
Ion Ratio Lower Upper

149 100

167 27.3 22.0 33.0

279 4.4 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 48.682 ng

RT: 22.510 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP013560.D

Acq: 23 Jan 2023 22:38

Instrument :

BNA\_P

ClientSampleId :

PB150338BSD

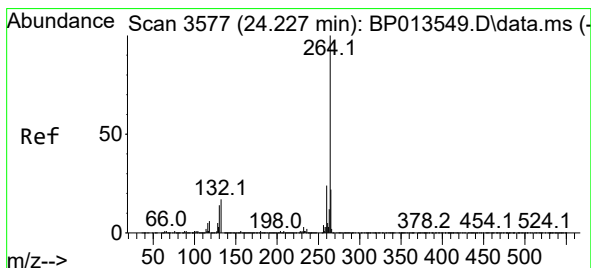
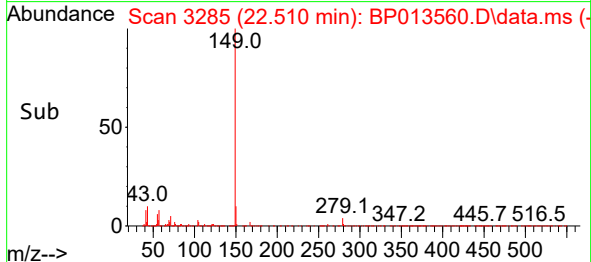
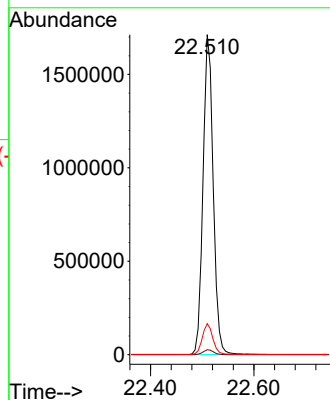
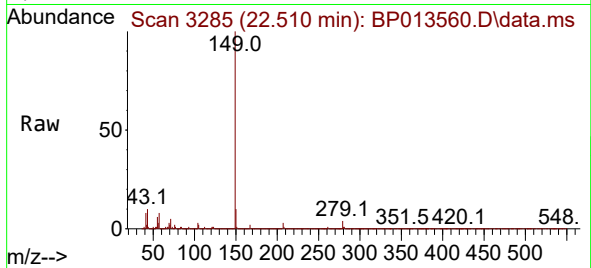
Tgt Ion:149 Resp: 2340230

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 9.9 8.2 12.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.215 min Scan# 3575

Delta R.T. -0.012 min

Lab File: BP013560.D

Acq: 23 Jan 2023 22:38

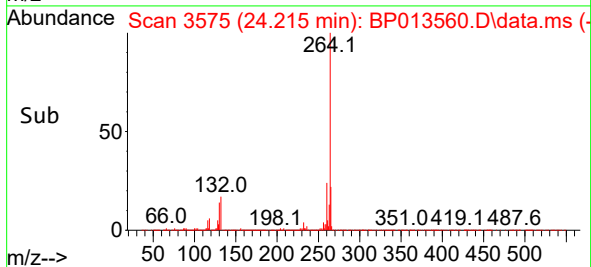
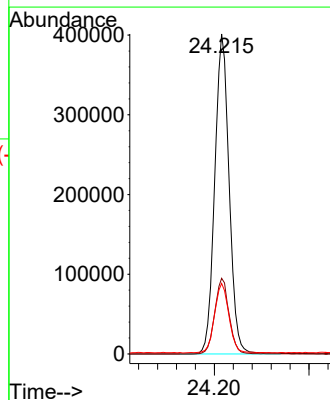
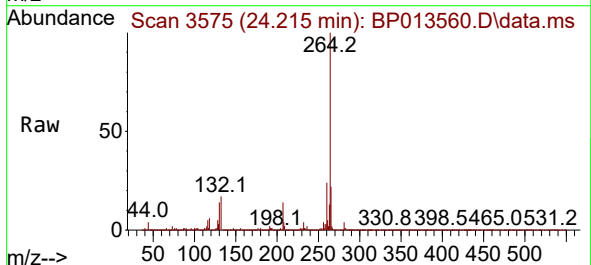
Tgt Ion:264 Resp: 845134

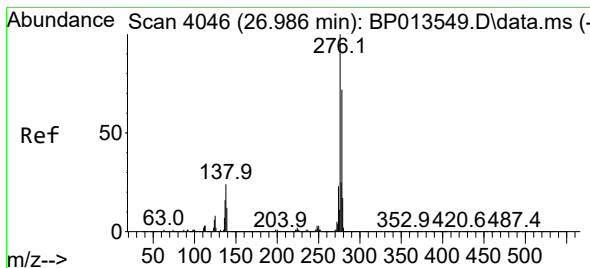
Ion Ratio Lower Upper

264 100

260 23.7 18.8 28.2

265 22.0 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 58.085 ng

RT: 26.962 min Scan# 4046

Delta R.T. -0.023 min

Lab File: BP013560.D

Acq: 23 Jan 2023 22:38

Instrument :

BNA\_P

ClientSampleId :

PB150338BSD

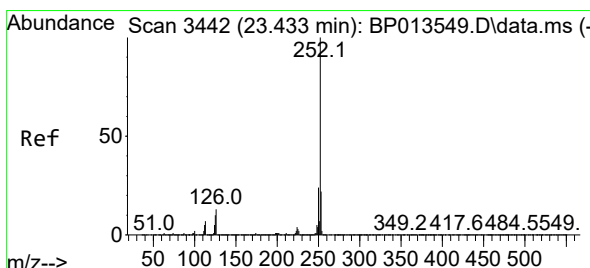
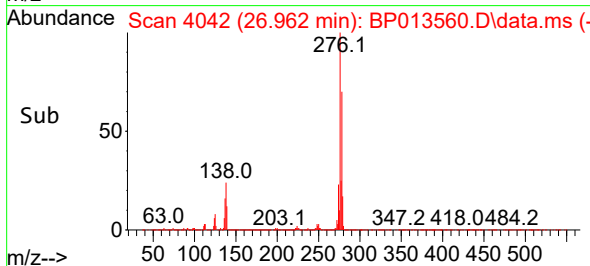
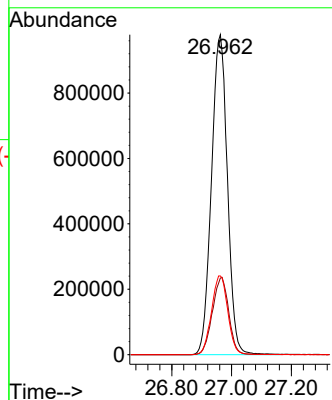
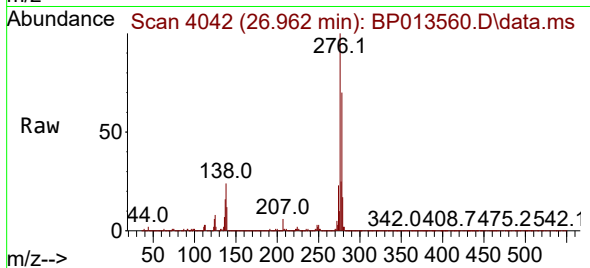
Tgt Ion:276 Resp: 3615834

Ion Ratio Lower Upper

276 100

138 24.7 19.8 29.6

277 25.1 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 50.117 ng

RT: 23.421 min Scan# 3440

Delta R.T. -0.012 min

Lab File: BP013560.D

Acq: 23 Jan 2023 22:38

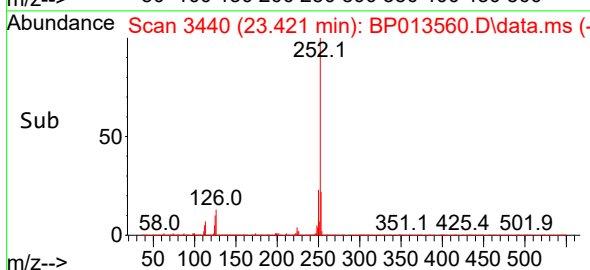
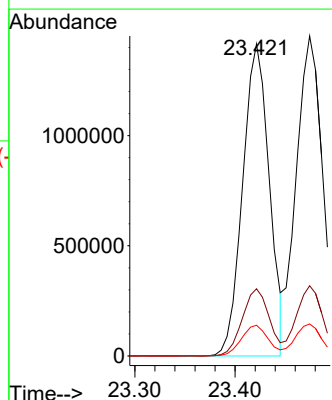
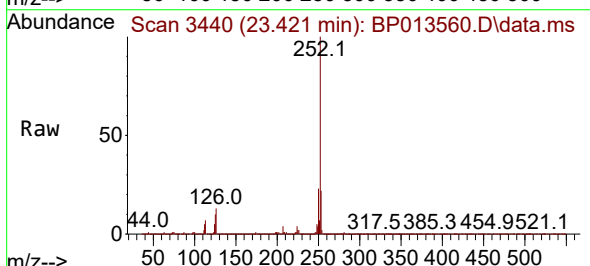
Tgt Ion:252 Resp: 2605613

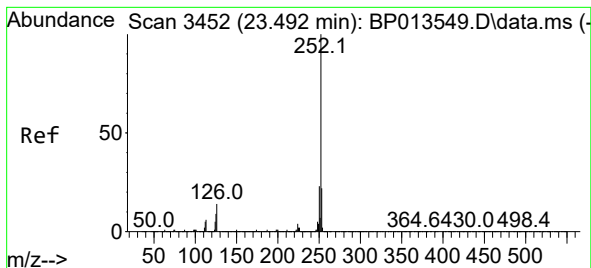
Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 9.8 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 50.476 ng

RT: 23.474 min Scan# 34

Delta R.T. -0.018 min

Lab File: BP013560.D

Acq: 23 Jan 2023 22:38

Instrument :

BNA\_P

ClientSampleId :

PB150338BSD

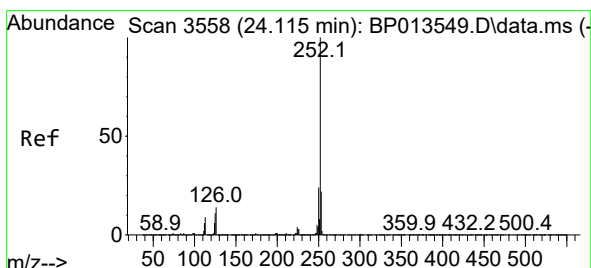
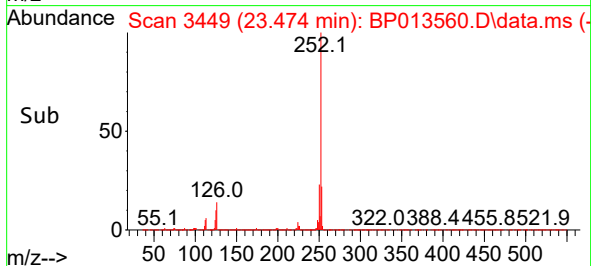
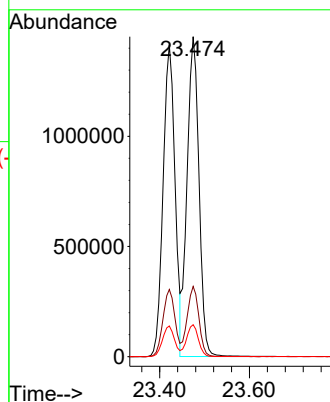
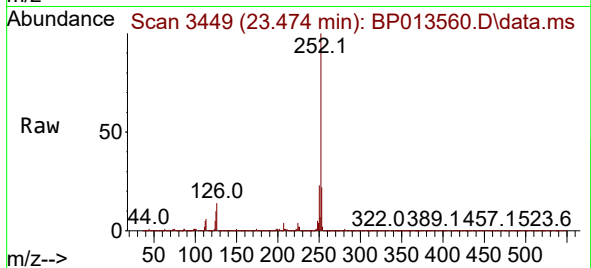
Tgt Ion:252 Resp: 2676653

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 10.0 7.5 11.3



#90

Benzo(a)pyrene

Concen: 46.589 ng

RT: 24.104 min Scan# 3556

Delta R.T. -0.012 min

Lab File: BP013560.D

Acq: 23 Jan 2023 22:38

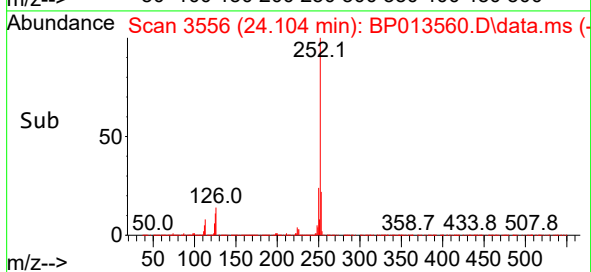
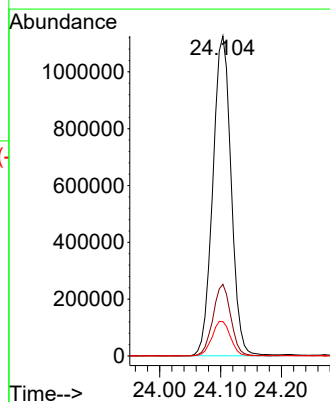
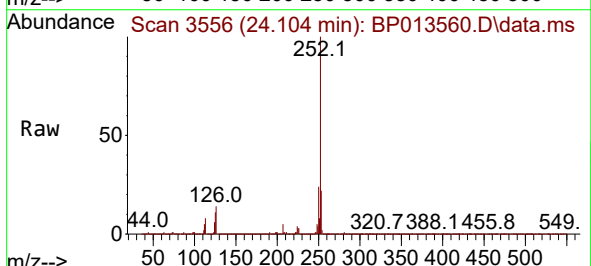
Tgt Ion:252 Resp: 2349640

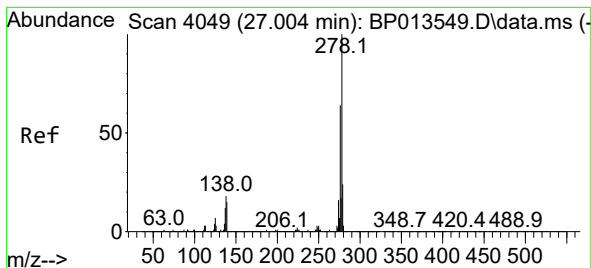
Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 10.8 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 58.476 ng

RT: 26.980 min Scan# 4049

Delta R.T. -0.023 min

Lab File: BP013560.D

Acq: 23 Jan 2023 22:38

Instrument :

BNA\_P

ClientSampleId :

PB150338BSD

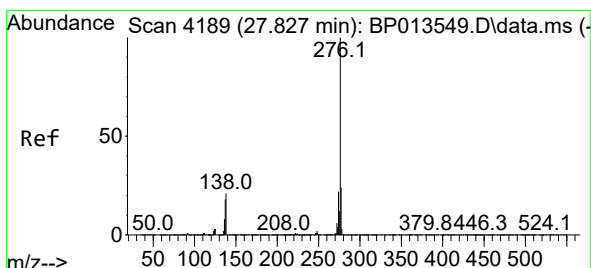
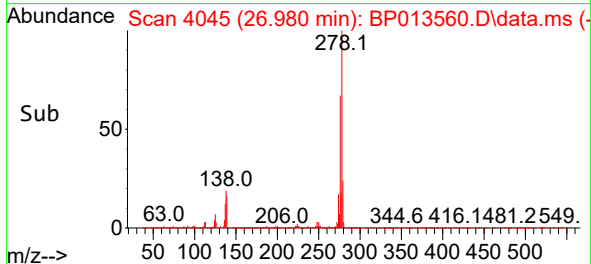
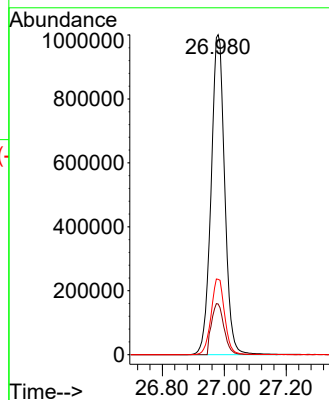
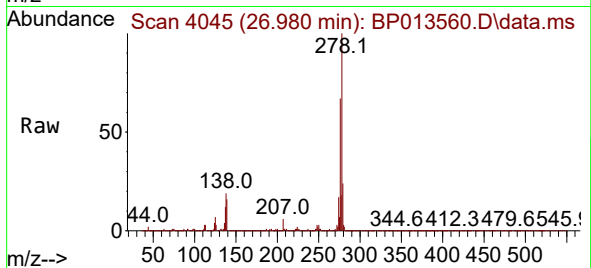
Tgt Ion:278 Resp: 3053337

Ion Ratio Lower Upper

278 100

139 15.9 12.3 18.5

279 23.6 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 58.980 ng

RT: 27.804 min Scan# 4185

Delta R.T. -0.023 min

Lab File: BP013560.D

Acq: 23 Jan 2023 22:38

Tgt Ion:276 Resp: 3006112

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.6

138 21.6 16.6 25.0

