

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092322\  
 Data File : BP011784.D  
 Acq On : 23 Sep 2022 15:39  
 Operator : CG/JU  
 Sample : PB147850BS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB147850BS

Quant Time: Sep 24 01:34:28 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP092122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 22 02:45:14 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.922  | 152  | 321878   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.734 | 136  | 1539110  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.569 | 164  | 988341   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.322 | 188  | 2071940  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.410 | 240  | 1974913  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 23.857 | 264  | 1994909  | 20.000  | ng    | 0.01     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.481  | 112  | 3069682  | 167.332 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.087  | 99   | 4324621  | 159.435 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.087  | 82   | 2433446  | 82.754  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.063 | 330  | 1122113  | 168.613 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.192 | 172  | 5413192  | 86.613  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.880 | 244  | 8029887  | 93.490  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.352  | 88   | 278681   | 36.131  | ng    | 95       |
| 3) Pyridine                   | 3.758  | 79   | 822080   | 34.535  | ng    | 93       |
| 4) n-Nitrosodimethylamine     | 3.669  | 42   | 387332   | 36.795  | ng    | 87       |
| 6) Aniline                    | 7.246  | 93   | 1609996  | 47.714  | ng    | 99       |
| 8) 2-Chlorophenol             | 7.481  | 128  | 1178037  | 52.782  | ng    | 97       |
| 9) Benzaldehyde               | 7.058  | 77   | 686050   | 40.427  | ng    | 97       |
| 10) Phenol                    | 7.110  | 94   | 1624778  | 53.177  | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.346  | 93   | 1079995  | 44.654  | ng    | 96       |
| 12) 1,3-Dichlorobenzene       | 7.805  | 146  | 1054322  | 44.955  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.957  | 146  | 1087893  | 45.267  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.275  | 146  | 1061855  | 45.163  | ng    | 99       |
| 15) Benzyl Alcohol            | 8.163  | 79   | 1032646  | 51.527  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.457  | 45   | 1634202  | 40.907  | ng    | 98       |
| 17) 2-Methylphenol            | 8.369  | 107  | 1061748  | 53.017  | ng    | 98       |
| 18) Hexachloroethane          | 9.004  | 117  | 400635   | 43.542  | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 8.734  | 70   | 884511   | 44.356  | ng    | 97       |
| 20) 3+4-Methylphenols         | 8.699  | 107  | 1469579  | 52.264  | ng    | 98       |
| 22) Acetophenone              | 8.752  | 105  | 1743340  | 45.092  | ng    | 97       |
| 24) Nitrobenzene              | 9.134  | 77   | 1298113  | 42.725  | ng    | 98       |
| 25) Isophorone                | 9.663  | 82   | 2559528  | 46.397  | ng    | 99       |
| 26) 2-Nitrophenol             | 9.846  | 139  | 587568   | 47.894  | ng    | 95       |
| 27) 2,4-Dimethylphenol        | 9.904  | 122  | 1177367  | 60.429  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 10.146 | 93   | 1602469  | 49.845  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.381 | 162  | 1130805  | 54.244  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.593 | 180  | 966921   | 44.544  | ng    | 99       |
| 31) Naphthalene               | 10.787 | 128  | 3510674  | 43.024  | ng    | 100      |
| 32) Benzoic acid              | 10.057 | 122  | 854055   | 50.744  | ng    | 98       |
| 33) 4-Chloroaniline           | 10.893 | 127  | 1143550  | 33.614  | ng    | 100      |
| 34) Hexachlorobutadiene       | 11.069 | 225  | 490079   | 44.763  | ng    | 98       |
| 35) Caprolactam               | 11.698 | 113  | 215053   | 25.383  | ng    | 92       |
| 36) 4-Chloro-3-methylphenol   | 12.022 | 107  | 1343813  | 53.113  | ng    | 96       |
| 37) 2-Methylnaphthalene       | 12.393 | 142  | 2562520  | 45.475  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 12.610 | 142  | 2444775  | 44.057  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.757 | 216  | 1084083  | 48.670  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.740 | 237  | 1376431  | 126.003 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 12.998 | 196  | 855939   | 53.087  | ng    | 98       |

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Quant Time: Sep 24 01:34:28 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP092122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 22 02:45:14 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.069 | 196  | 948939   | 51.205  | ng    | 99       |
| 46) 1,1'-Biphenyl             | 13.404 | 154  | 3384668  | 47.135  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.445 | 162  | 2517390  | 45.197  | ng    | 99       |
| 48) 2-Nitroaniline            | 13.651 | 65   | 935621   | 47.114  | ng    | 94       |
| 49) Acenaphthylene            | 14.292 | 152  | 4256713  | 46.042  | ng    | 100      |
| 50) Dimethylphthalate         | 14.028 | 163  | 3360761  | 46.377  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.145 | 165  | 739999   | 49.459  | ng    | 97       |
| 52) Acenaphthene              | 14.634 | 154  | 2529930  | 44.619  | ng    | 100      |
| 53) 3-Nitroaniline            | 14.475 | 138  | 737446   | 40.243  | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 14.681 | 184  | 862451   | 106.693 | ng    | 95       |
| 55) Dibenzofuran              | 14.969 | 168  | 3958380  | 45.547  | ng    | 98       |
| 56) 4-Nitrophenol             | 14.787 | 139  | 1617558  | 106.295 | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 14.934 | 165  | 1040491  | 46.882  | ng    | 94       |
| 58) Fluorene                  | 15.616 | 166  | 3314604  | 44.956  | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.110 | 232  | 749354   | 49.525  | ng    | 99       |
| 60) Diethylphthalate          | 15.392 | 149  | 3491794  | 46.148  | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.610 | 204  | 1474373  | 47.828  | ng    | 99       |
| 62) 4-Nitroaniline            | 15.645 | 138  | 927221   | 43.512  | ng    | 97       |
| 63) Azobenzene                | 15.904 | 77   | 3583346  | 43.250  | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.692 | 198  | 494548   | 47.202  | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 15.828 | 169  | 2876041  | 46.586  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.510 | 248  | 815039   | 47.967  | ng    | 95       |
| 68) Hexachlorobenzene         | 16.622 | 284  | 855723   | 47.398  | ng    | 97       |
| 69) Atrazine                  | 16.786 | 200  | 978384   | 54.727  | ng    | 100      |
| 70) Pentachlorophenol         | 16.969 | 266  | 1228117  | 93.756  | ng    | 99       |
| 71) Phenanthrene              | 17.369 | 178  | 5238866  | 44.830  | ng    | 99       |
| 72) Anthracene                | 17.457 | 178  | 5289739  | 47.327  | ng    | 100      |
| 73) Carbazole                 | 17.728 | 167  | 5191605  | 47.427  | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.275 | 149  | 6216667  | 47.147  | ng    | 99       |
| 75) Fluoranthene              | 19.327 | 202  | 5898737  | 46.431  | ng    | 100      |
| 77) Benzidine                 | 19.510 | 184  | 4884041  | 127.424 | ng    | 99       |
| 78) Pyrene                    | 19.680 | 202  | 6164261  | 46.712  | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.557 | 149  | 2877561  | 45.006  | ng    | 92       |
| 81) Benzo(a)anthracene        | 21.392 | 228  | 5925756  | 45.477  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.327 | 252  | 1652875  | 43.495  | ng    | 98       |
| 83) Chrysene                  | 21.445 | 228  | 5536229  | 44.840  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.310 | 149  | 4282178  | 45.480  | ng    | 98       |
| 85) Di-n-octyl phthalate      | 22.257 | 149  | 7216662  | 47.928  | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene    | 26.433 | 276  | 9788799  | 62.710  | ng    | # 91     |
| 88) Benzo(b)fluoranthene      | 23.110 | 252  | 6035955  | 48.733  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.163 | 252  | 6075971  | 47.875  | ng    | 99       |
| 90) Benzo(a)pyrene            | 23.751 | 252  | 5355542  | 51.106  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 26.451 | 278  | 8558327  | 66.036  | ng    | # 93     |
| 92) Benzo(g,h,i)perylene      | 27.221 | 276  | 8289034  | 66.071  | ng    | # 93     |

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

BNA P

**ClientSampleId :**

PB147850BS

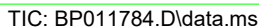
Quant Time: Sep 24 01:34:28 2022

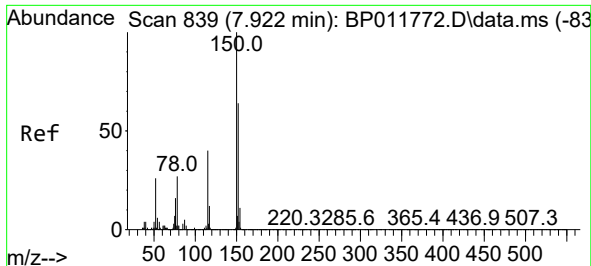
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP092122.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Sep 22 02:45:14 2022

Response via : Initial Calibration

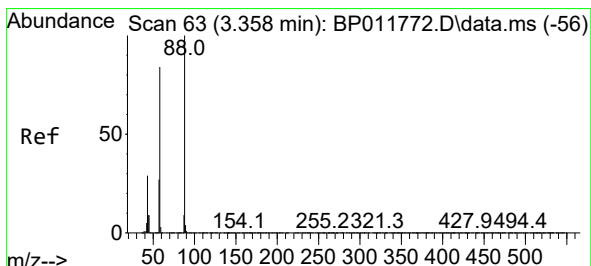
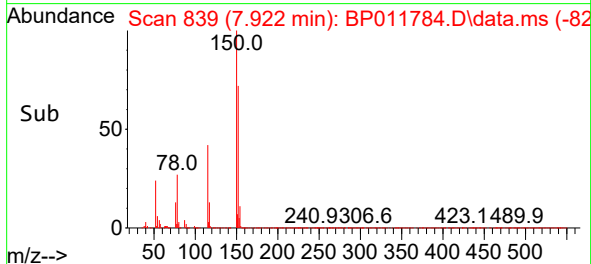
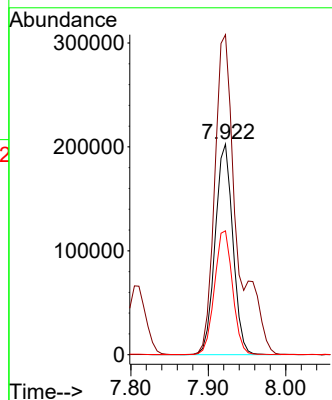
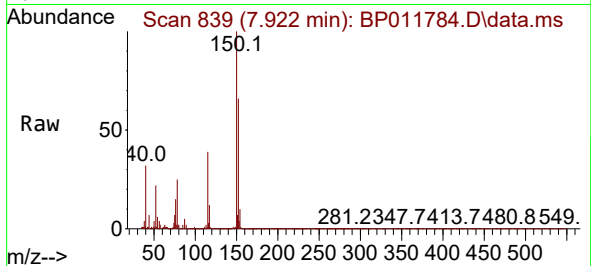




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.922 min Scan# 81  
 Delta R.T. 0.000 min  
 Lab File: BP011784.D  
 Acq: 23 Sep 2022 15:39

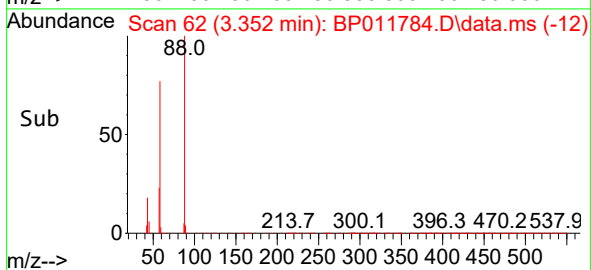
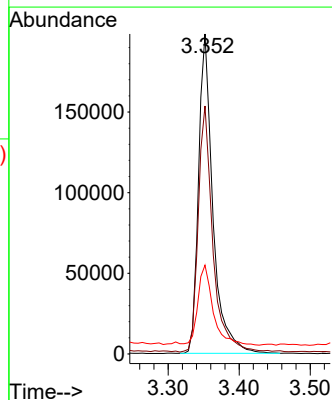
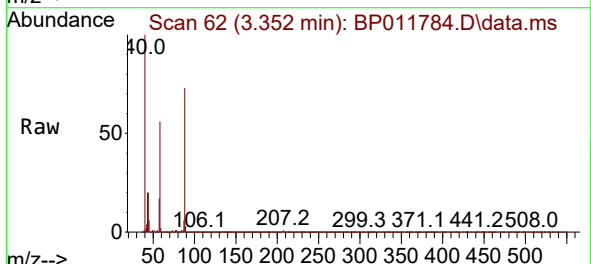
Instrument :  
 BNA\_P  
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 PB147850BS

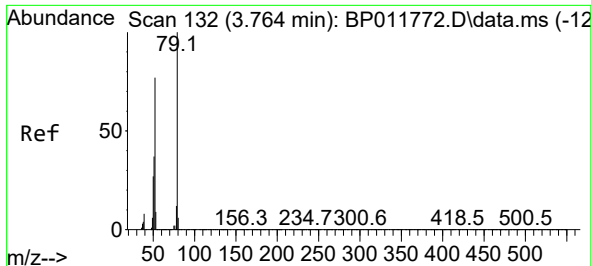
Tgt Ion:152 Resp: 321878  
 Ion Ratio Lower Upper  
 152 100  
 150 152.0 124.2 186.4  
 115 58.8 50.0 75.0



#2  
 1,4-Dioxane  
 Concen: 36.131 ng  
 RT: 3.352 min Scan# 62  
 Delta R.T. -0.006 min  
 Lab File: BP011784.D  
 Acq: 23 Sep 2022 15:39

Tgt Ion: 88 Resp: 278681  
 Ion Ratio Lower Upper  
 88 100  
 58 78.6 66.6 99.8  
 43 26.7 23.2 34.8

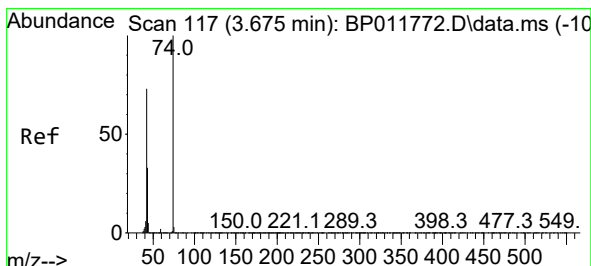
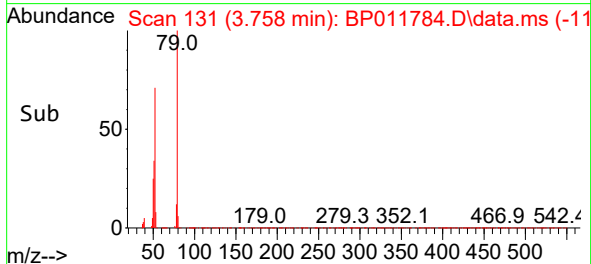
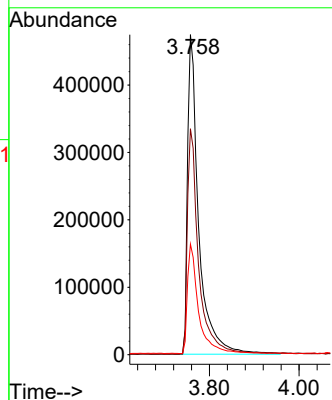
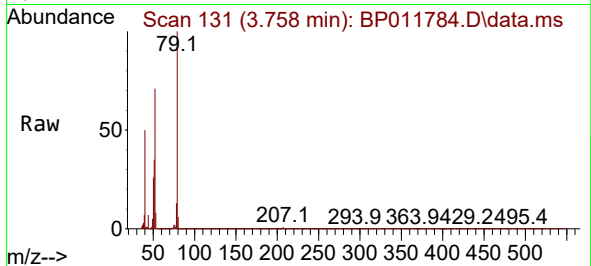




#3  
Pyridine  
Concen: 34.535 ng  
RT: 3.758 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BP011784.D  
Acq: 23 Sep 2022 15:39

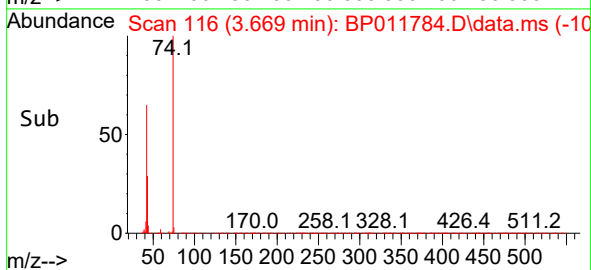
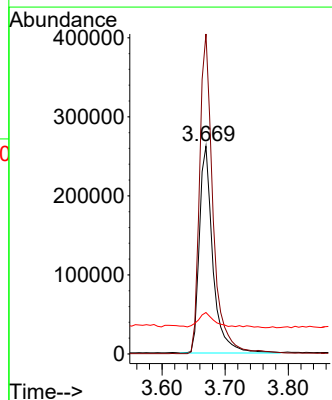
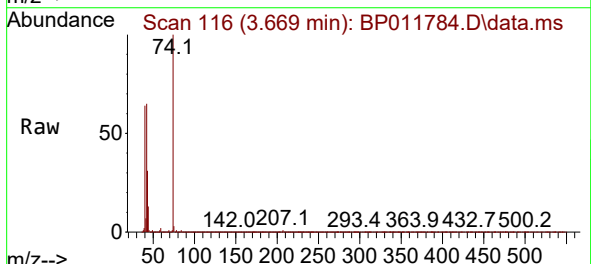
Instrument :  
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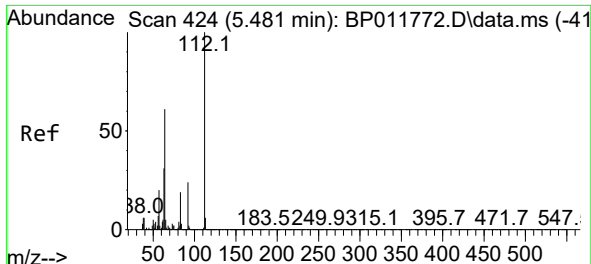
Tgt Ion: 79 Resp: 822080  
Ion Ratio Lower Upper  
79 100  
52 70.6 61.9 92.9  
51 34.6 29.9 44.9



#4  
n-Nitrosodimethylamine  
Concen: 36.795 ng  
RT: 3.669 min Scan# 116  
Delta R.T. -0.006 min  
Lab File: BP011784.D  
Acq: 23 Sep 2022 15:39

Tgt Ion: 42 Resp: 387332  
Ion Ratio Lower Upper  
42 100  
74 154.1 109.0 163.6  
44 19.9 15.4 23.2

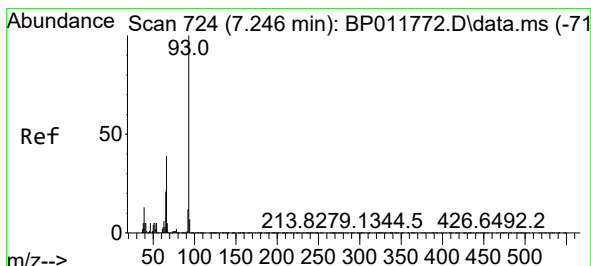
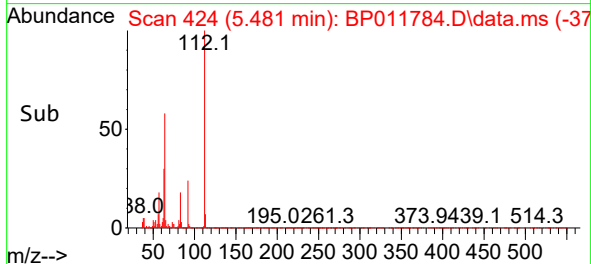
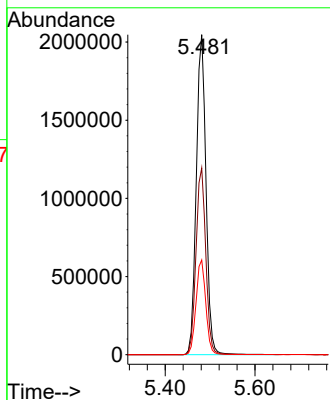
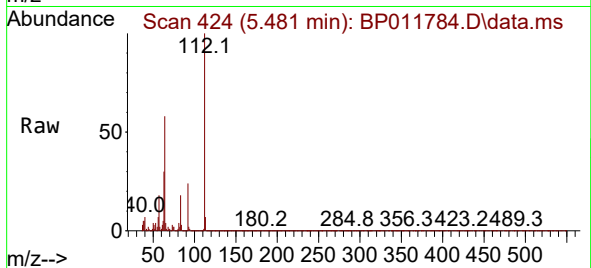




#5  
2-Fluorophenol  
Concen: 167.332 ng  
RT: 5.481 min Scan# 411  
Delta R.T. 0.000 min  
Lab File: BP011784.D  
Acq: 23 Sep 2022 15:39

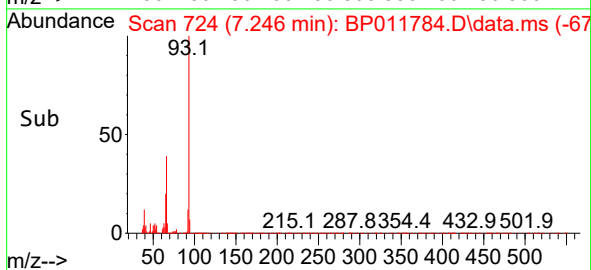
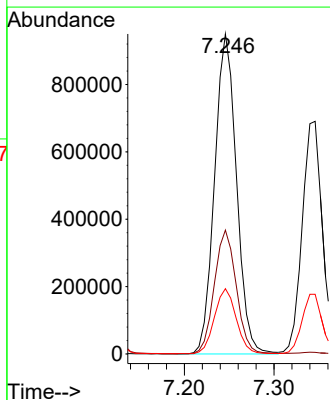
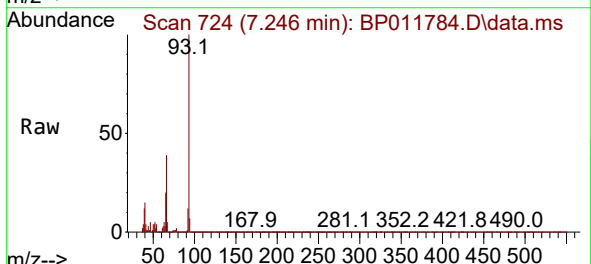
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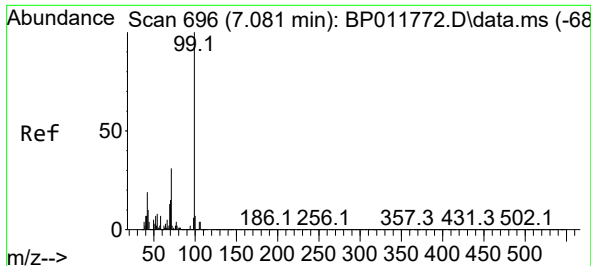
Tgt Ion:112 Resp: 3069682  
Ion Ratio Lower Upper  
112 100  
64 58.4 49.2 73.8  
63 29.6 25.2 37.8



#6  
Aniline  
Concen: 47.714 ng  
RT: 7.246 min Scan# 724  
Delta R.T. 0.000 min  
Lab File: BP011784.D  
Acq: 23 Sep 2022 15:39

Tgt Ion: 93 Resp: 1609996  
Ion Ratio Lower Upper  
93 100  
66 38.7 31.3 46.9  
65 20.4 16.9 25.3

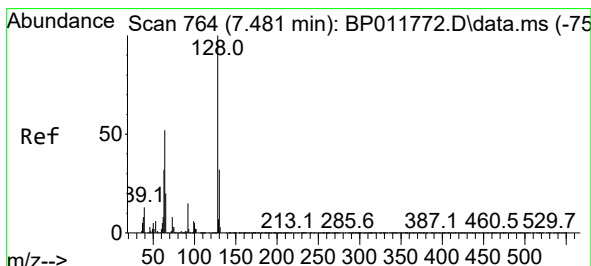
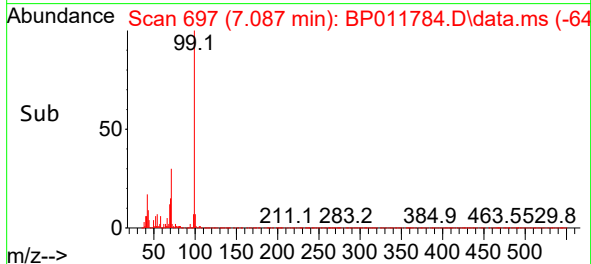
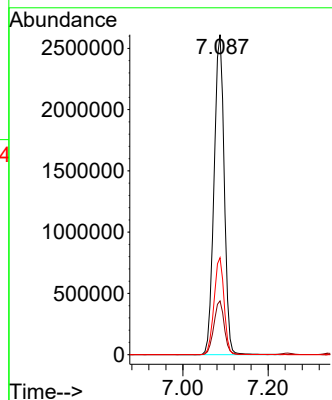
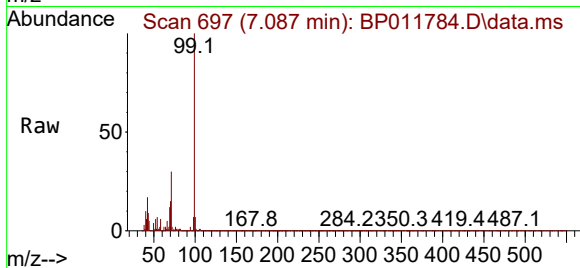




#7  
Phenol-d6  
Concen: 159.435 ng  
RT: 7.087 min Scan# 696  
Delta R.T. 0.006 min  
Lab File: BP011784.D  
Acq: 23 Sep 2022 15:39

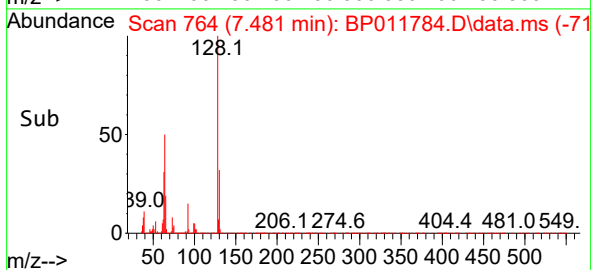
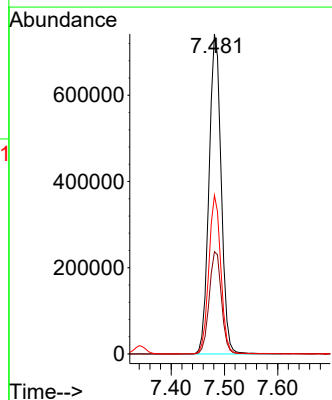
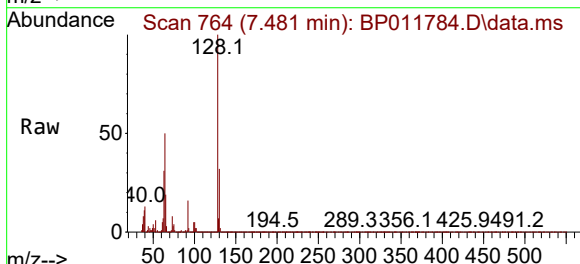
Instrument :  
BNA\_P  
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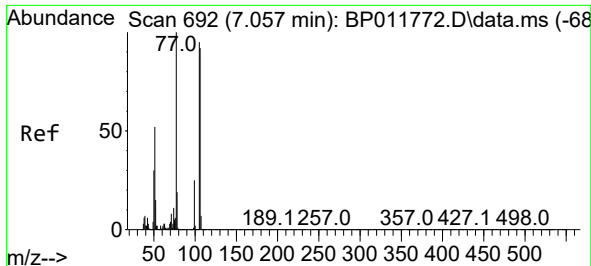
Tgt Ion: 99 Resp: 4324621  
Ion Ratio Lower Upper  
99 100  
42 16.8 15.4 23.2  
71 30.3 24.7 37.1



#8  
2-Chlorophenol  
Concen: 52.782 ng  
RT: 7.481 min Scan# 764  
Delta R.T. 0.000 min  
Lab File: BP011784.D  
Acq: 23 Sep 2022 15:39

Tgt Ion: 128 Resp: 1178037  
Ion Ratio Lower Upper  
128 100  
130 32.0 12.1 52.1  
64 49.6 32.6 72.6

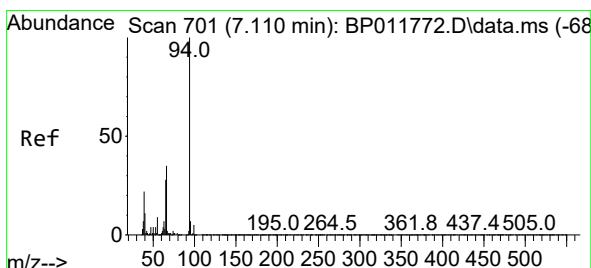
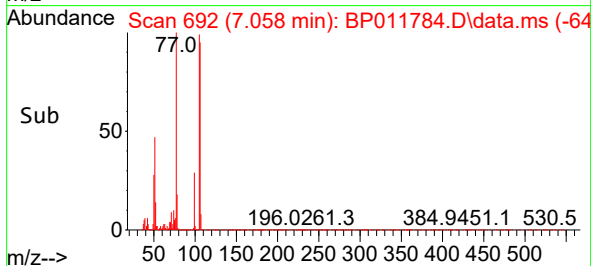
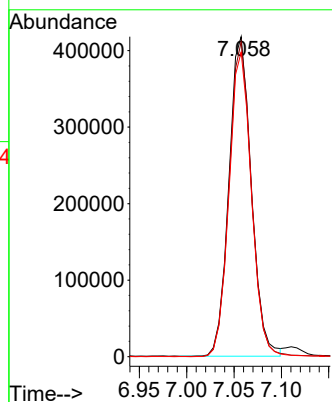
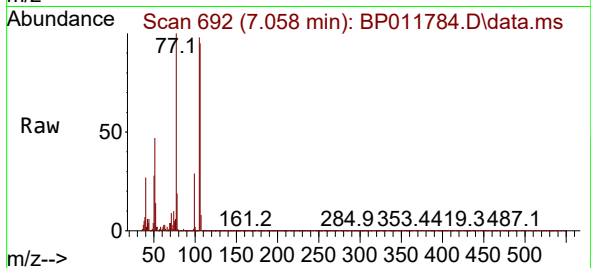




#9  
Benzaldehyde  
Concen: 40.427 ng  
RT: 7.058 min Scan# 692  
Delta R.T. 0.001 min  
Lab File: BP011784.D  
Acq: 23 Sep 2022 15:39

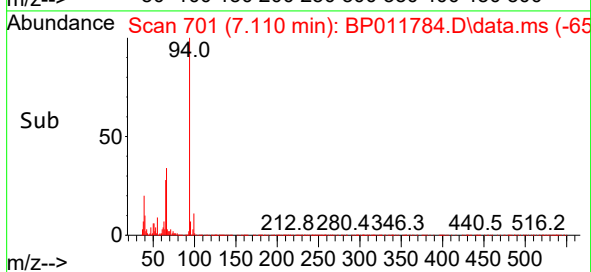
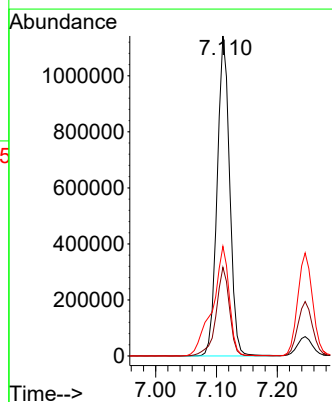
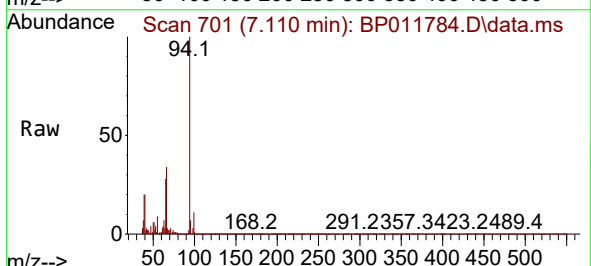
Instrument :  
BNA\_P  
ClientSampleId :  
PB147850BS

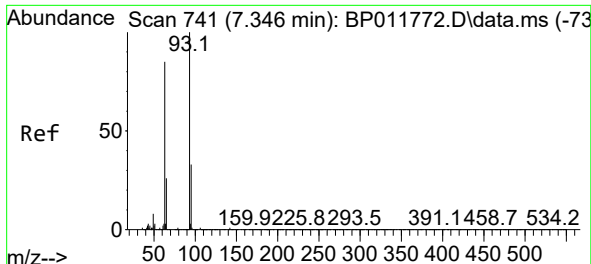
Tgt Ion: 77 Resp: 686050  
Ion Ratio Lower Upper  
77 100  
105 98.4 75.4 115.4  
106 95.2 71.6 111.6



#10  
Phenol  
Concen: 53.177 ng  
RT: 7.110 min Scan# 701  
Delta R.T. 0.000 min  
Lab File: BP011784.D  
Acq: 23 Sep 2022 15:39

Tgt Ion: 94 Resp: 1624778  
Ion Ratio Lower Upper  
94 100  
65 27.7 8.1 48.1  
66 34.2 14.7 54.7

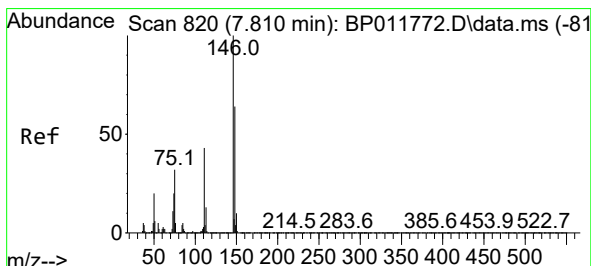
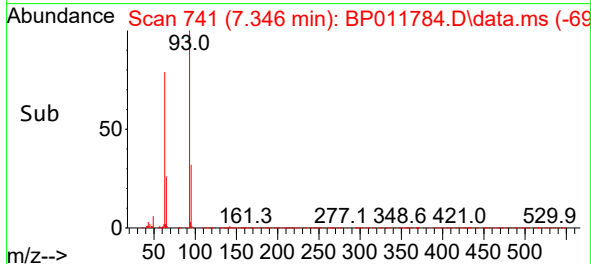
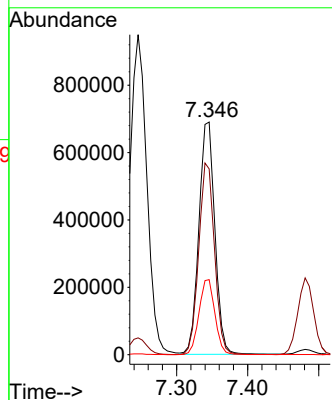
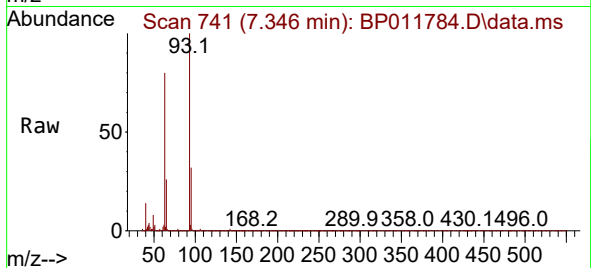




#11  
bis(2-Chloroethyl)ether  
Concen: 44.654 ng  
RT: 7.346 min Scan# 741  
Delta R.T. 0.000 min  
Lab File: BP011784.D  
Acq: 23 Sep 2022 15:39

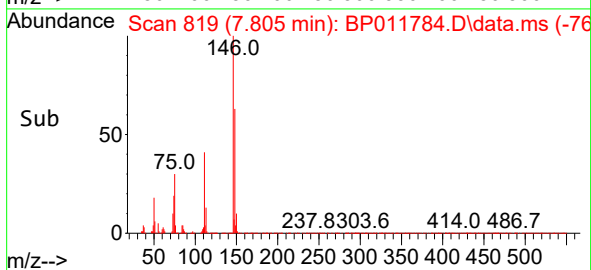
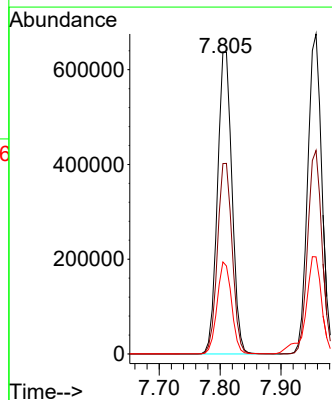
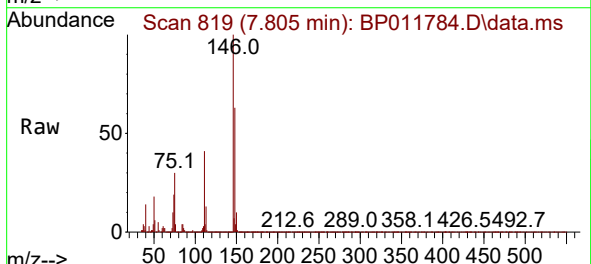
Instrument :  
BNA\_P  
ClientSampleId :  
PB147850BS

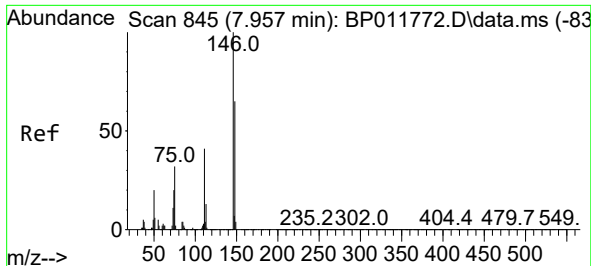
Tgt Ion: 93 Resp: 1079995  
Ion Ratio Lower Upper  
93 100  
63 79.8 64.4 104.4  
95 32.3 12.7 52.7



#12  
1,3-Dichlorobenzene  
Concen: 44.955 ng  
RT: 7.805 min Scan# 819  
Delta R.T. -0.006 min  
Lab File: BP011784.D  
Acq: 23 Sep 2022 15:39

Tgt Ion:146 Resp: 1054322  
Ion Ratio Lower Upper  
146 100  
148 63.0 51.4 77.2  
75 30.5 25.9 38.9

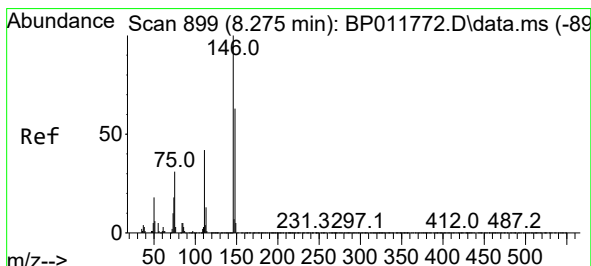
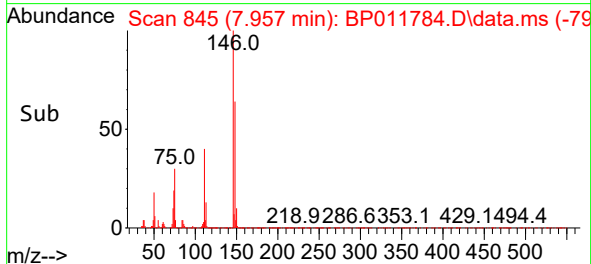
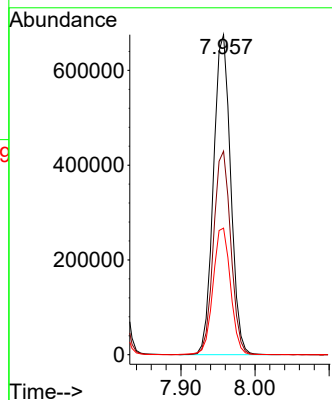
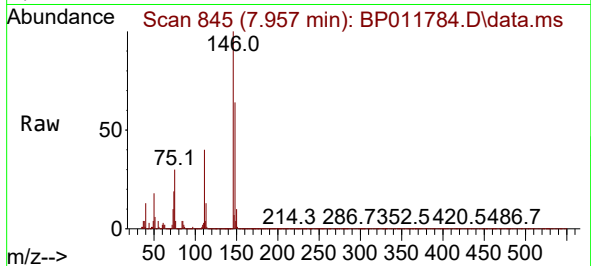




#13  
1,4-Dichlorobenzene  
Concen: 45.267 ng  
RT: 7.957 min Scan# 845  
Delta R.T. 0.000 min  
Lab File: BP011784.D  
Acq: 23 Sep 2022 15:39

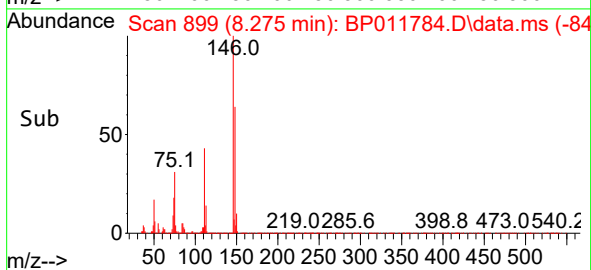
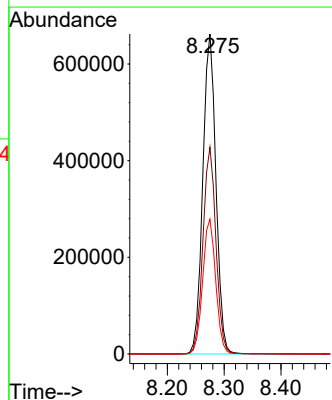
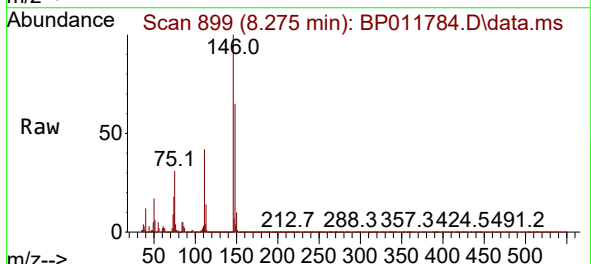
Instrument :  
BNA\_P  
ClientSampleId :  
PB147850BS

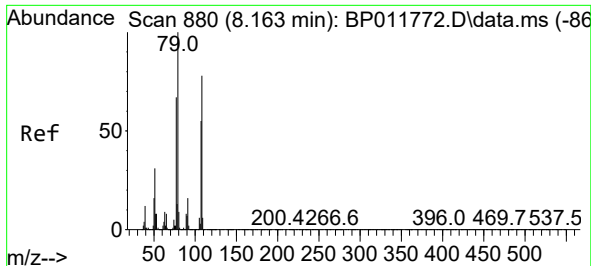
Tgt Ion:146 Resp: 1087893  
Ion Ratio Lower Upper  
146 100  
148 63.6 51.7 77.5  
111 39.6 32.6 48.8



#14  
1,2-Dichlorobenzene  
Concen: 45.163 ng  
RT: 8.275 min Scan# 899  
Delta R.T. 0.000 min  
Lab File: BP011784.D  
Acq: 23 Sep 2022 15:39

Tgt Ion:146 Resp: 1061855  
Ion Ratio Lower Upper  
146 100  
148 64.6 50.6 76.0  
111 42.1 34.0 51.0

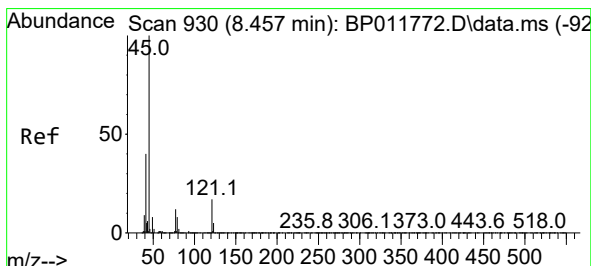
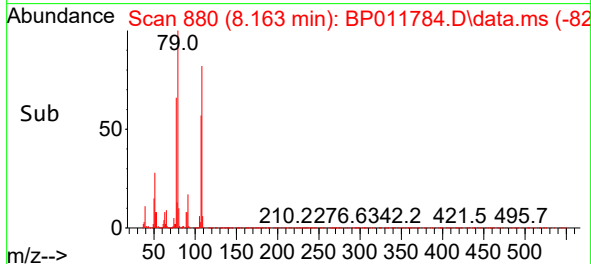
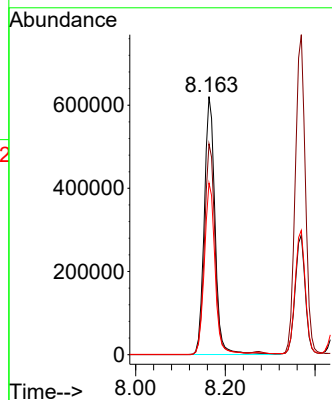
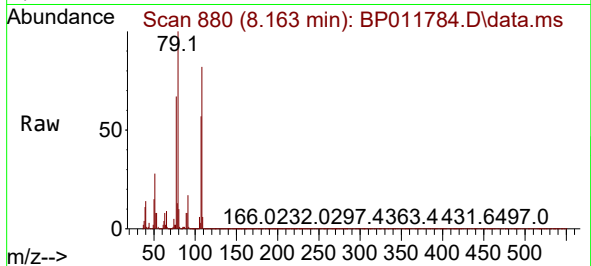




#15  
Benzyl Alcohol  
Concen: 51.527 ng  
RT: 8.163 min Scan# 880  
Delta R.T. 0.000 min  
Lab File: BP011784.D  
Acq: 23 Sep 2022 15:39

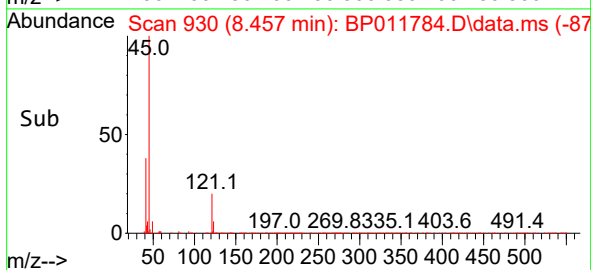
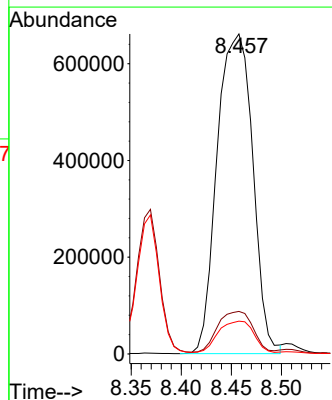
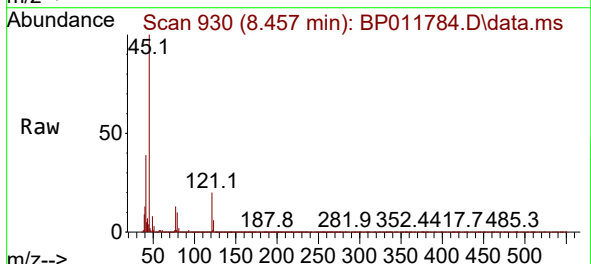
Instrument :  
BNA\_P  
ClientSampleId :  
PB147850BS

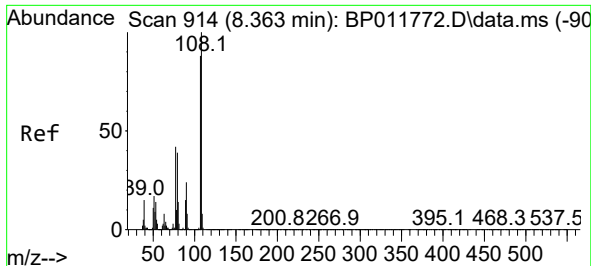
Tgt Ion: 79 Resp: 1032646  
Ion Ratio Lower Upper  
79 100  
108 81.7 62.7 94.1  
77 66.5 53.8 80.6



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 40.907 ng  
RT: 8.457 min Scan# 930  
Delta R.T. 0.000 min  
Lab File: BP011784.D  
Acq: 23 Sep 2022 15:39

Tgt Ion: 45 Resp: 1634202  
Ion Ratio Lower Upper  
45 100  
77 13.3 0.0 32.6  
79 10.2 0.0 29.0





#17

2-Methylphenol

Concen: 53.017 ng

RT: 8.369 min Scan# 914

Delta R.T. 0.006 min

Lab File: BP011784.D

Acq: 23 Sep 2022 15:39

Instrument :

BNA\_P

ClientSampleId :

PB147850BS

Tgt Ion:107 Resp: 1061748

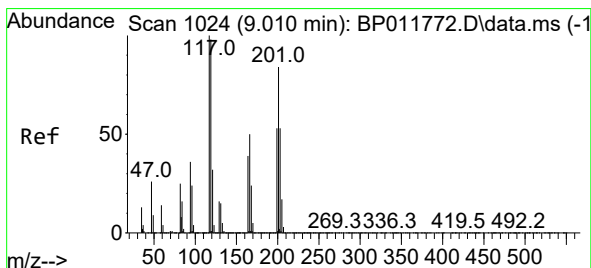
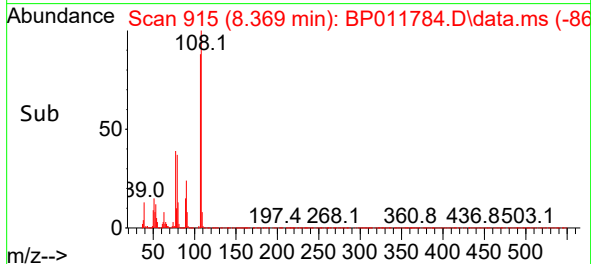
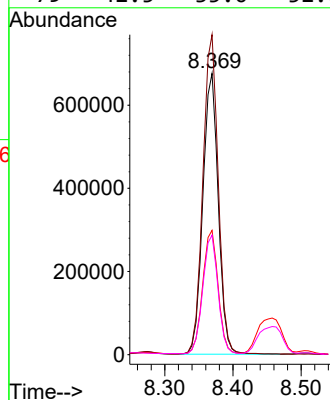
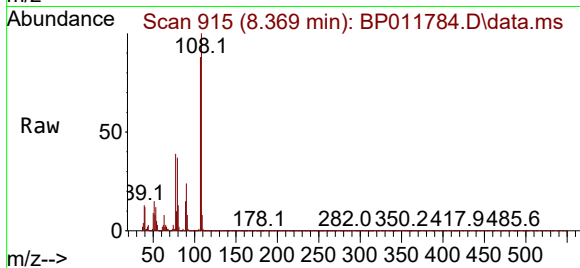
Ion Ratio Lower Upper

107 100

108 113.8 90.6 136.0

77 44.2 38.0 57.0

79 42.5 35.0 52.6



#18

Hexachloroethane

Concen: 43.542 ng

RT: 9.004 min Scan# 1023

Delta R.T. -0.006 min

Lab File: BP011784.D

Acq: 23 Sep 2022 15:39

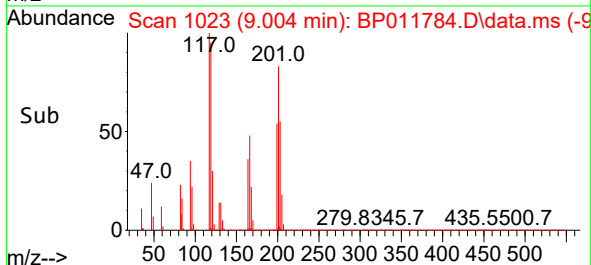
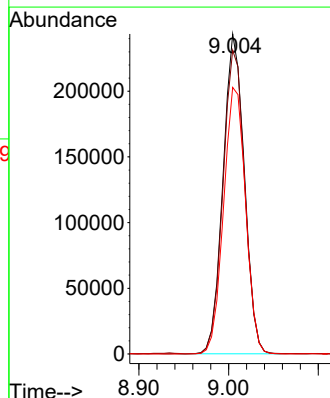
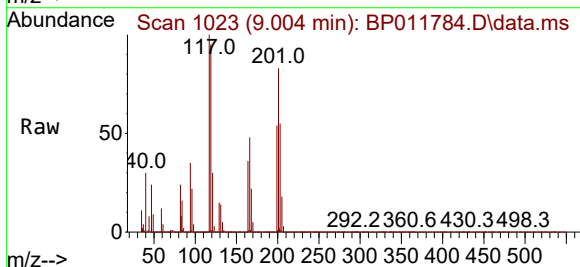
Tgt Ion:117 Resp: 400635

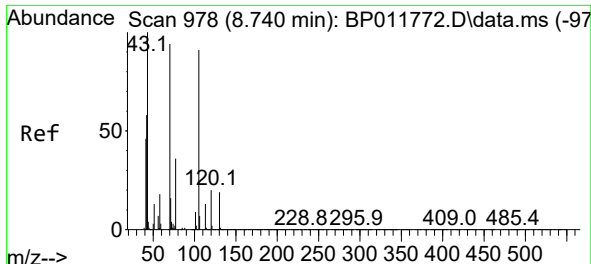
Ion Ratio Lower Upper

117 100

119 94.9 78.8 118.2

201 83.3 67.4 101.0





#19

n-Nitroso-di-n-propylamine

Concen: 44.356 ng

RT: 8.734 min Scan# 91

Delta R.T. -0.006 min

Lab File: BP011784.D

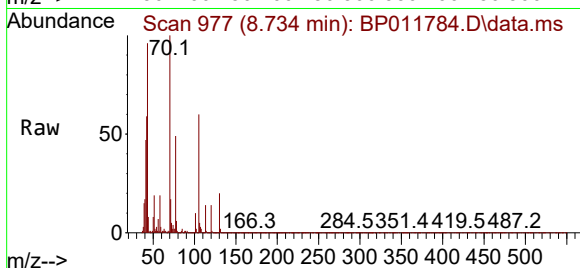
Acq: 23 Sep 2022 15:39

Instrument :

BNA\_P

ClientSampleId :

PB147850BS



Tgt Ion: 70 Resp: 884511

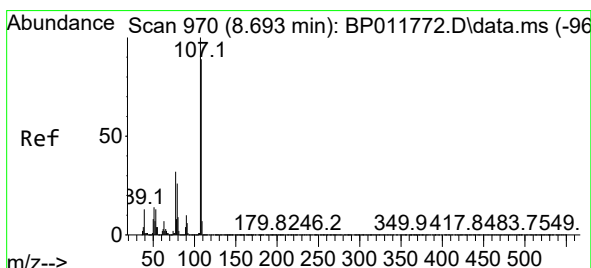
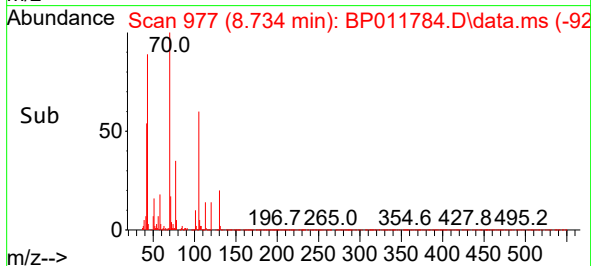
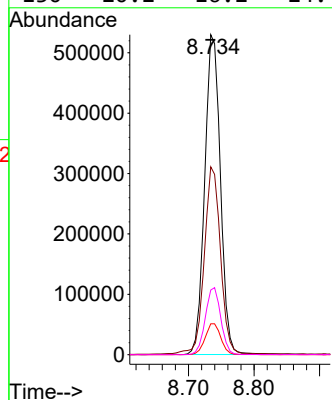
Ion Ratio Lower Upper

70 100

42 58.7 50.1 75.1

101 9.6 7.6 11.4

130 20.2 16.2 24.4



#20

3+4-Methylphenols

Concen: 52.264 ng

RT: 8.699 min Scan# 971

Delta R.T. 0.006 min

Lab File: BP011784.D

Acq: 23 Sep 2022 15:39

Tgt Ion: 107 Resp: 1469579

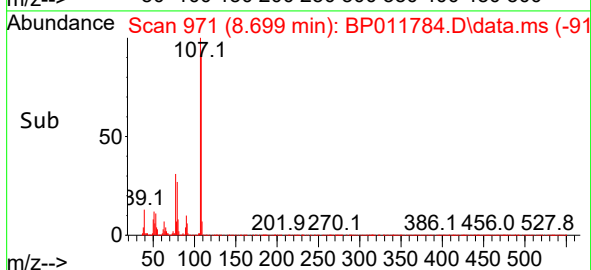
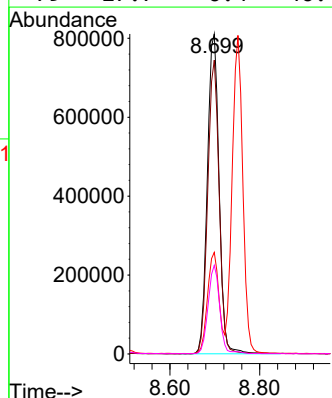
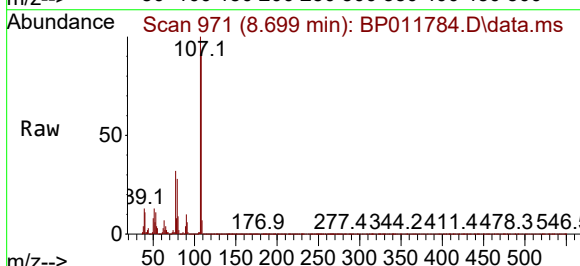
Ion Ratio Lower Upper

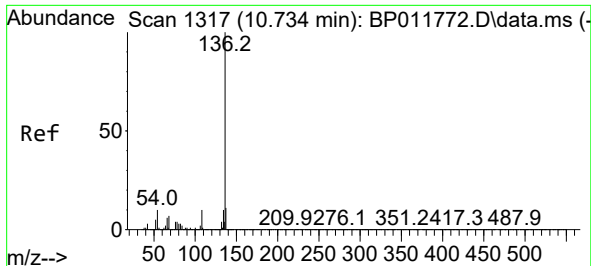
107 100

108 91.9 69.2 109.2

77 31.7 12.5 52.5

79 27.7 6.4 46.4

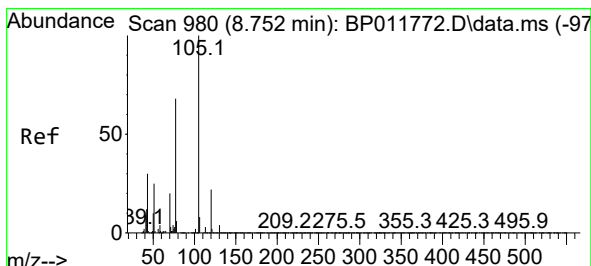
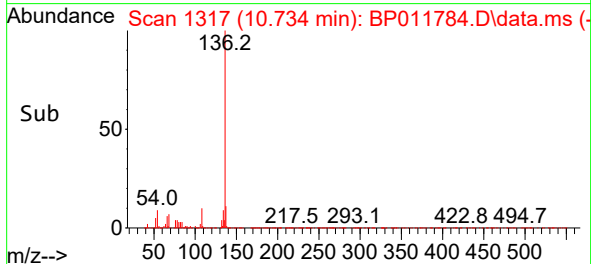
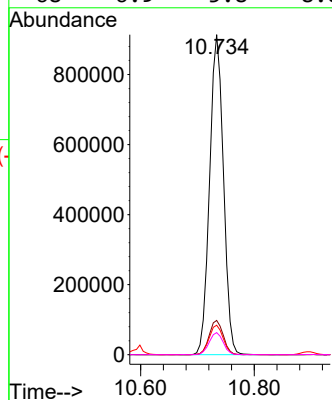
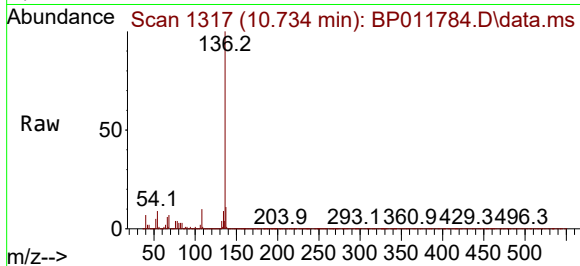




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.734 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BP011784.D  
Acq: 23 Sep 2022 15:39

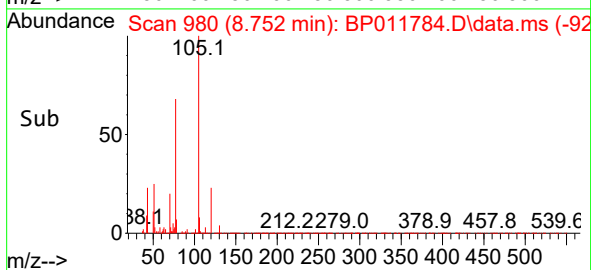
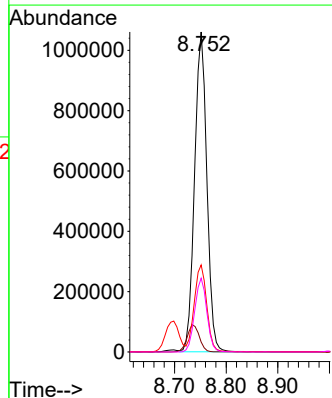
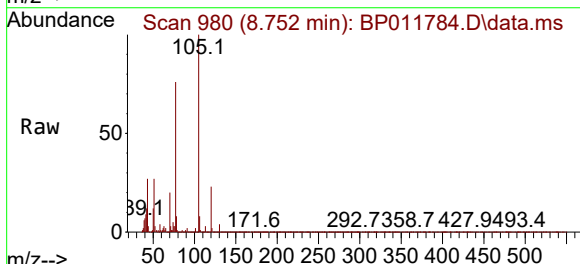
Instrument :  
BNA\_P  
ClientSampleId :  
PB147850BS

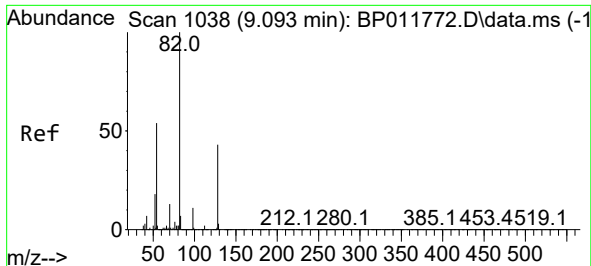
Tgt Ion:136 Resp: 1539110  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.8 13.2  
54 9.2 8.2 12.4  
68 6.9 5.8 8.8



#22  
Acetophenone  
Concen: 45.092 ng  
RT: 8.752 min Scan# 980  
Delta R.T. 0.000 min  
Lab File: BP011784.D  
Acq: 23 Sep 2022 15:39

Tgt Ion:105 Resp: 1743340  
Ion Ratio Lower Upper  
105 100  
71 3.1 2.7 4.1  
51 27.2 23.6 35.4  
120 23.1 17.8 26.6

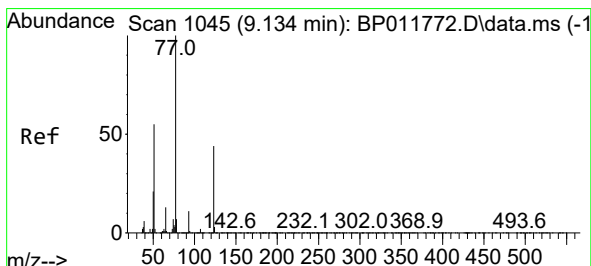
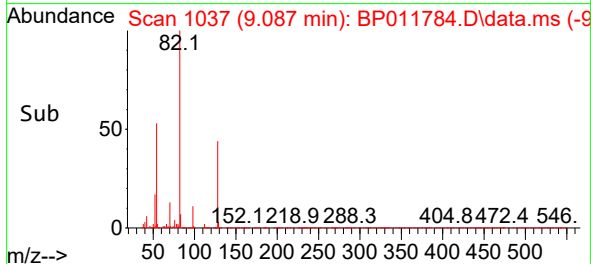
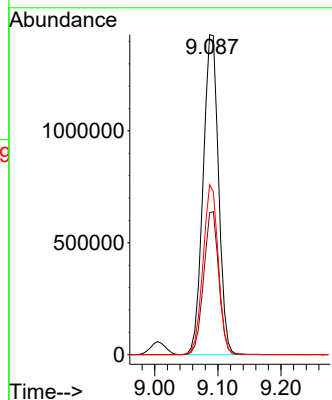
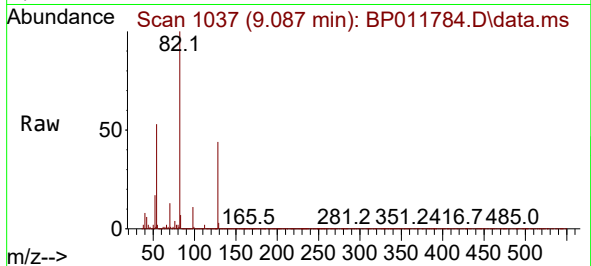




#23  
Nitrobenzene-d5  
Concen: 82.754 ng  
RT: 9.087 min Scan# 1037  
Delta R.T. -0.006 min  
Lab File: BP011784.D  
Acq: 23 Sep 2022 15:39

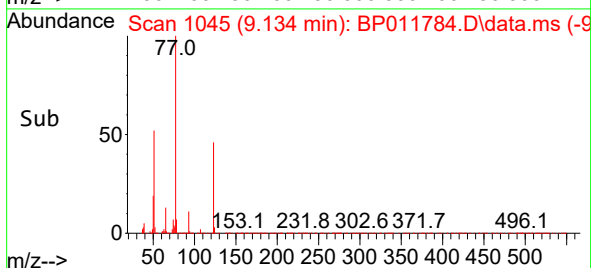
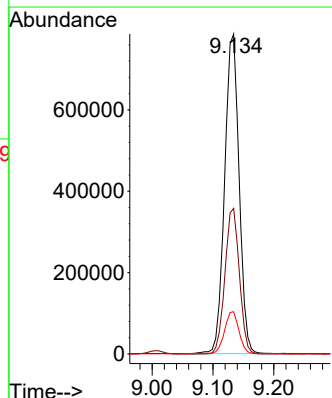
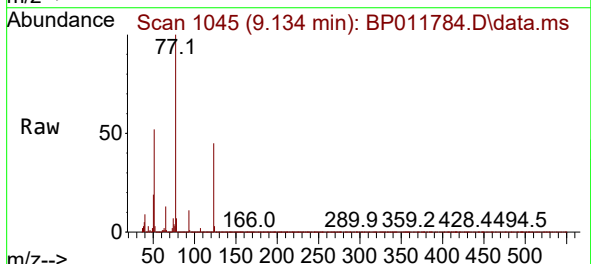
Instrument :  
BNA\_P  
ClientSampleId :  
PB147850BS

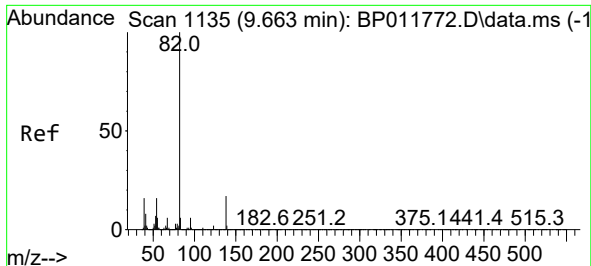
Tgt Ion: 82 Resp: 2433446  
Ion Ratio Lower Upper  
82 100  
128 44.4 34.2 51.4  
54 53.1 43.1 64.7



#24  
Nitrobenzene  
Concen: 42.725 ng  
RT: 9.134 min Scan# 1045  
Delta R.T. 0.000 min  
Lab File: BP011784.D  
Acq: 23 Sep 2022 15:39

Tgt Ion: 77 Resp: 1298113  
Ion Ratio Lower Upper  
77 100  
123 45.5 35.0 52.4  
65 13.2 10.7 16.1

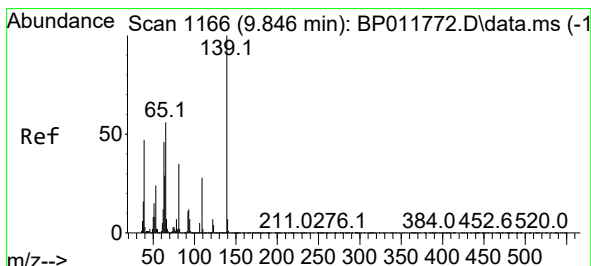
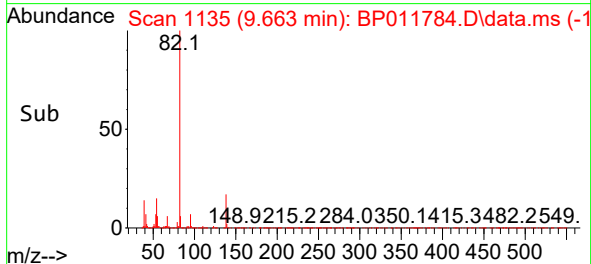
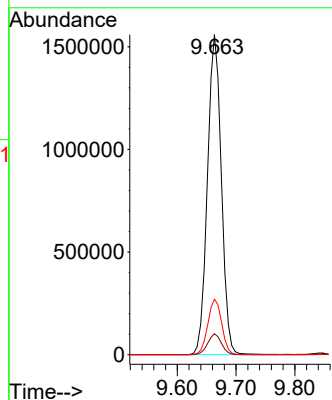
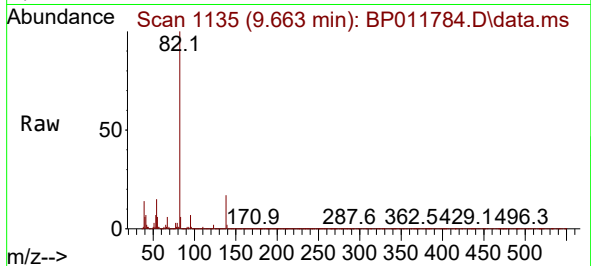




#25  
Isophorone  
Concen: 46.397 ng  
RT: 9.663 min Scan# 1135  
Delta R.T. 0.000 min  
Lab File: BP011784.D  
Acq: 23 Sep 2022 15:39

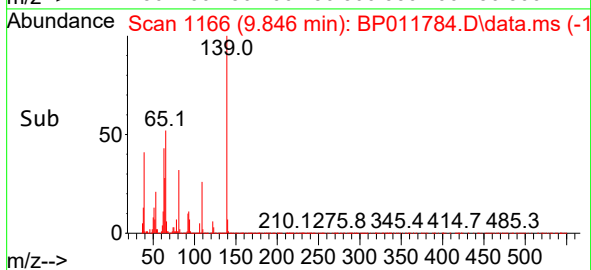
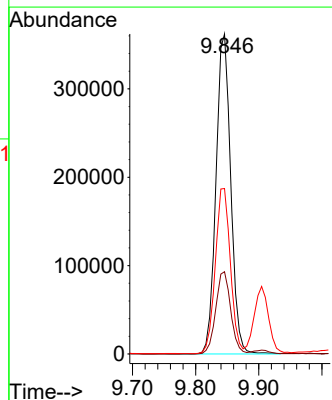
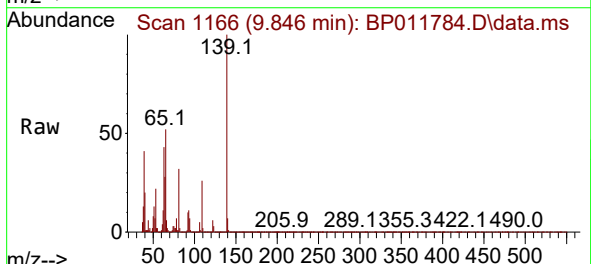
Instrument :  
BNA\_P  
ClientSampleId :  
PB147850BS

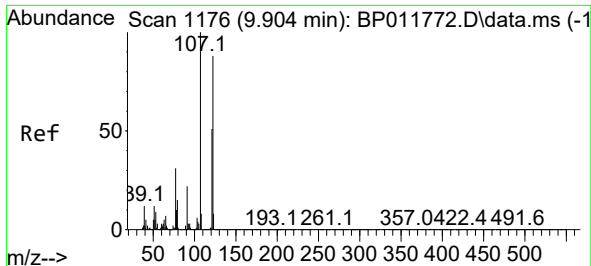
Tgt Ion: 82 Resp: 2559528  
Ion Ratio Lower Upper  
82 100  
95 6.6 5.1 7.7  
138 17.3 13.6 20.4



#26  
2-Nitrophenol  
Concen: 47.894 ng  
RT: 9.846 min Scan# 1166  
Delta R.T. -0.000 min  
Lab File: BP011784.D  
Acq: 23 Sep 2022 15:39

Tgt Ion:139 Resp: 587568  
Ion Ratio Lower Upper  
139 100  
109 25.7 22.6 34.0  
65 51.7 44.7 67.1





#27

2,4-Dimethylphenol

Concen: 60.429 ng

RT: 9.904 min Scan# 1176

Delta R.T. 0.000 min

Lab File: BP011784.D

Acq: 23 Sep 2022 15:39

Instrument :

BNA\_P

ClientSampleId :

PB147850BS

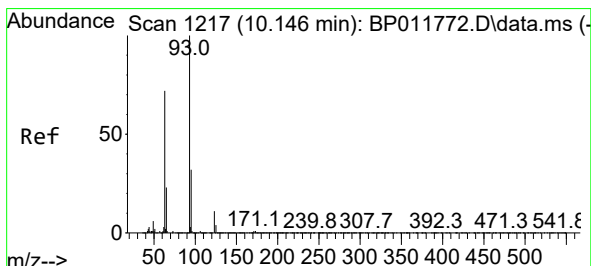
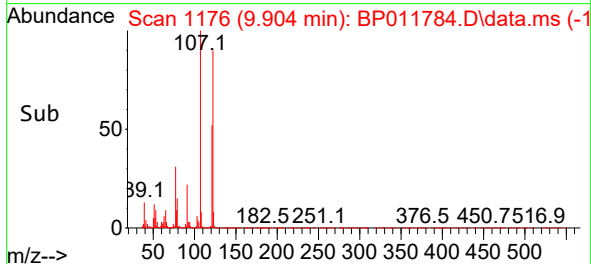
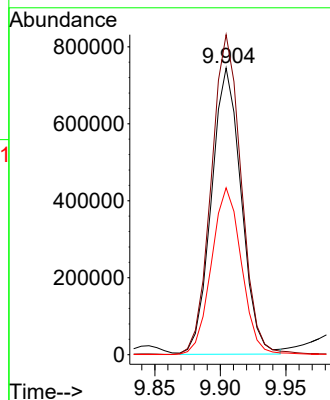
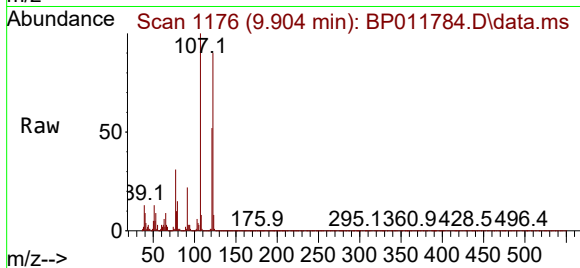
Tgt Ion:122 Resp: 1177367

Ion Ratio Lower Upper

122 100

107 111.6 91.2 136.8

121 58.2 46.8 70.2



#28

bis(2-Chloroethoxy)methane

Concen: 49.845 ng

RT: 10.146 min Scan# 1217

Delta R.T. 0.000 min

Lab File: BP011784.D

Acq: 23 Sep 2022 15:39

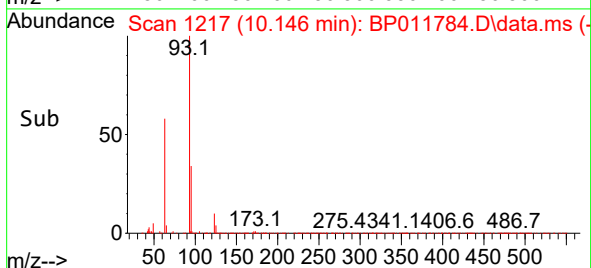
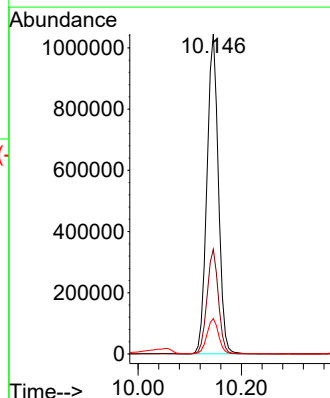
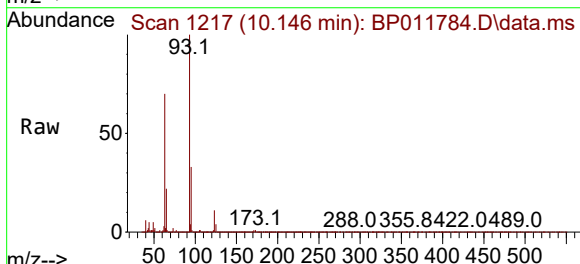
Tgt Ion: 93 Resp: 1602469

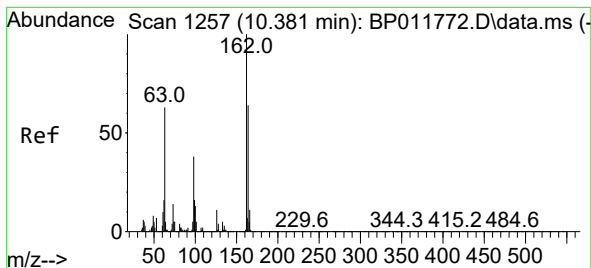
Ion Ratio Lower Upper

93 100

95 32.7 25.6 38.4

123 11.1 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 54.244 ng

RT: 10.381 min Scan# 1257

Delta R.T. 0.000 min

Lab File: BP011784.D

Acq: 23 Sep 2022 15:39

Instrument :

BNA\_P

ClientSampleId :

PB147850BS

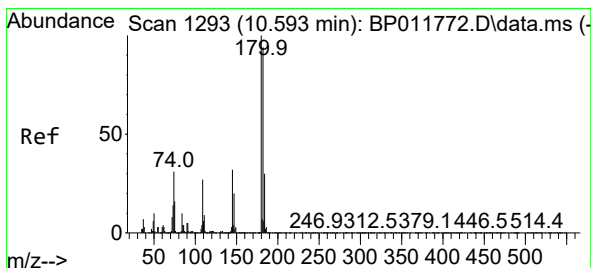
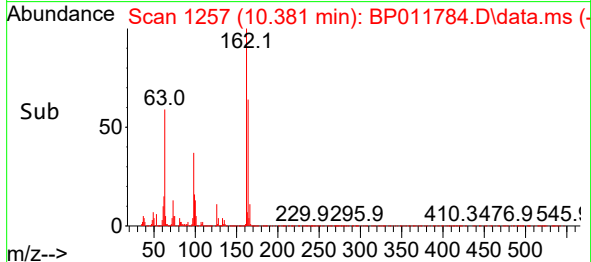
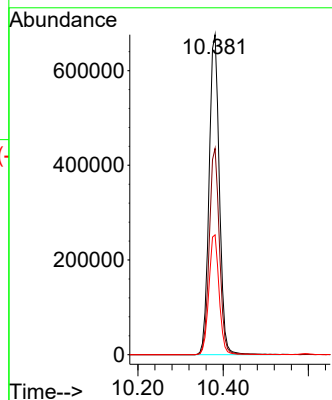
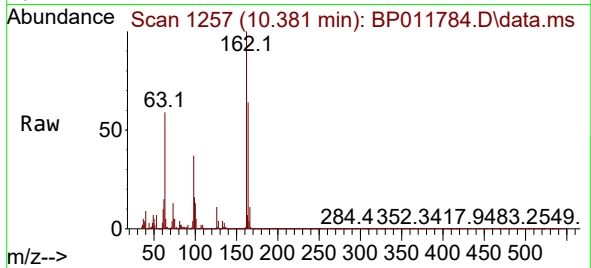
Tgt Ion:162 Resp: 1130805

Ion Ratio Lower Upper

162 100

164 64.5 44.3 84.3

98 37.5 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 44.544 ng

RT: 10.593 min Scan# 1293

Delta R.T. 0.000 min

Lab File: BP011784.D

Acq: 23 Sep 2022 15:39

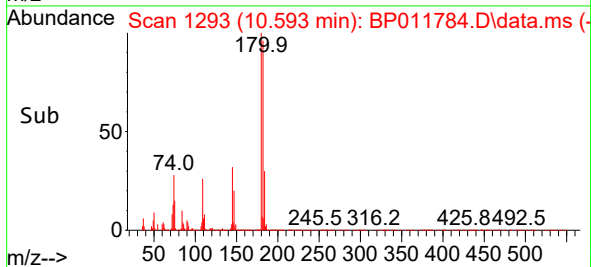
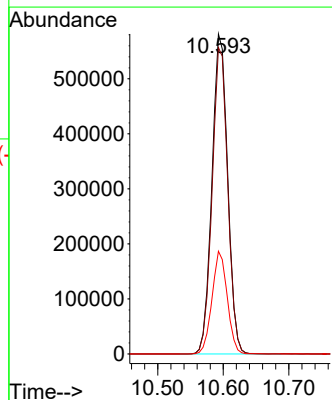
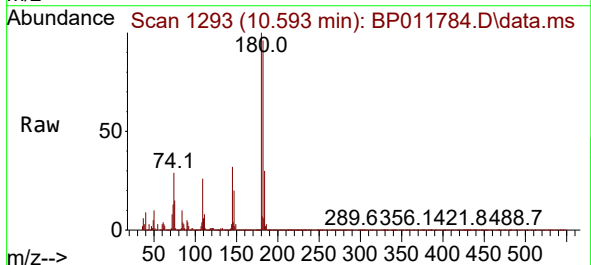
Tgt Ion:180 Resp: 966921

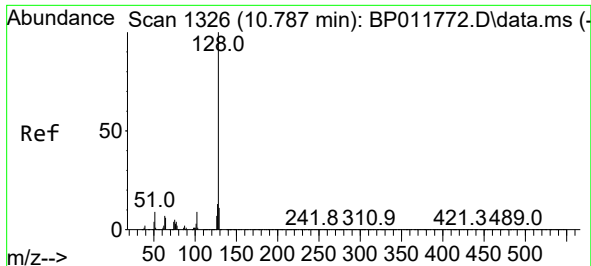
Ion Ratio Lower Upper

180 100

182 95.8 75.2 112.8

145 32.1 25.8 38.6

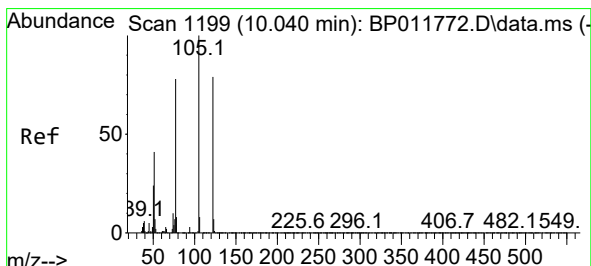
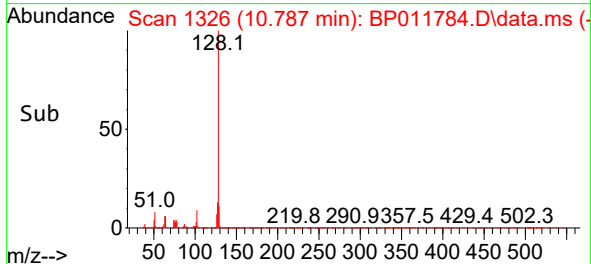
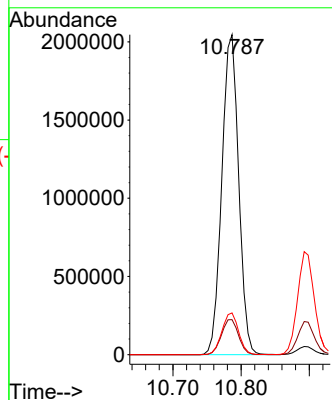
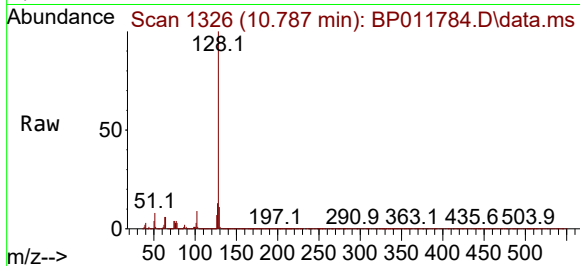




#31  
Naphthalene  
Concen: 43.024 ng  
RT: 10.787 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BP011784.D  
Acq: 23 Sep 2022 15:39

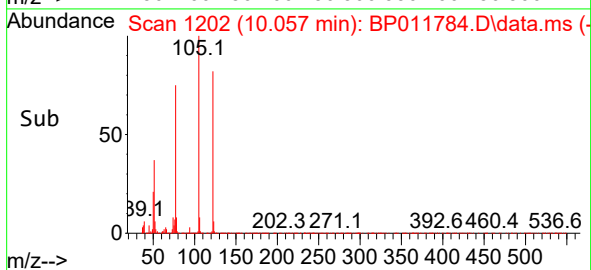
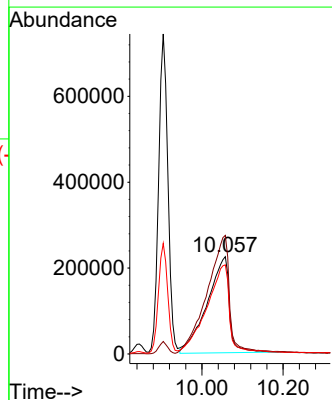
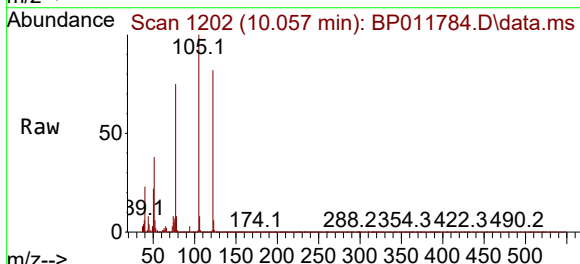
Instrument :  
BNA\_P  
ClientSampleId :  
PB147850BS

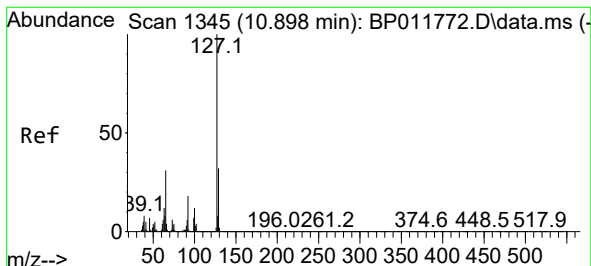
Tgt Ion:128 Resp: 3510674  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.7 13.1  
127 13.0 10.5 15.7



#32  
Benzoic acid  
Concen: 50.744 ng  
RT: 10.057 min Scan# 1202  
Delta R.T. 0.017 min  
Lab File: BP011784.D  
Acq: 23 Sep 2022 15:39

Tgt Ion:122 Resp: 854055  
Ion Ratio Lower Upper  
122 100  
105 122.0 101.0 141.0  
77 91.7 75.9 115.9





#33

4-Chloroaniline

Concen: 33.614 ng

RT: 10.893 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP011784.D

Acq: 23 Sep 2022 15:39

Instrument :

BNA\_P

ClientSampleId :

PB147850BS

Tgt Ion:127 Resp: 1143550

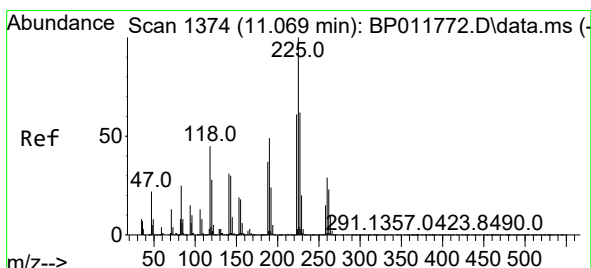
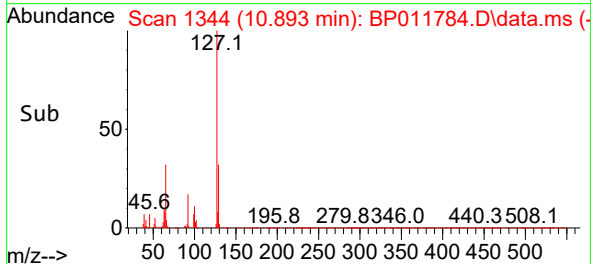
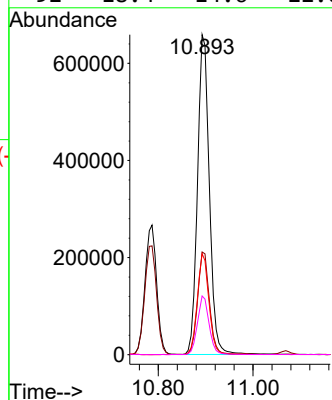
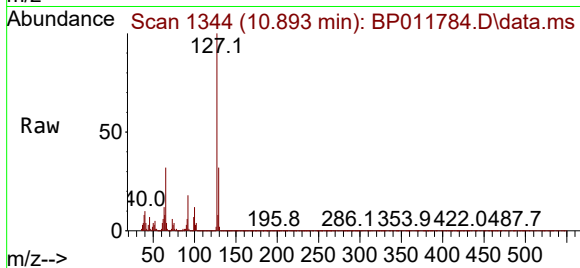
Ion Ratio Lower Upper

127 100

129 32.1 25.8 38.8

65 31.6 25.1 37.7

92 18.4 14.6 22.0



#34

Hexachlorobutadiene

Concen: 44.763 ng

RT: 11.069 min Scan# 1374

Delta R.T. 0.000 min

Lab File: BP011784.D

Acq: 23 Sep 2022 15:39

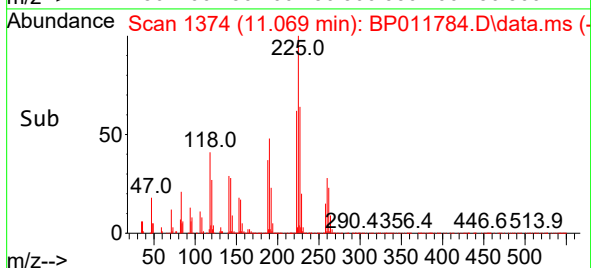
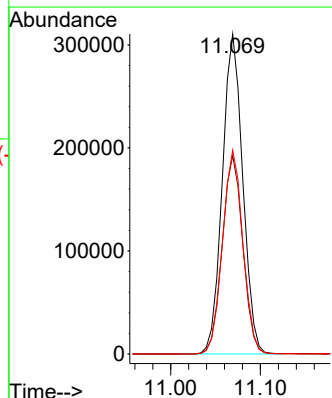
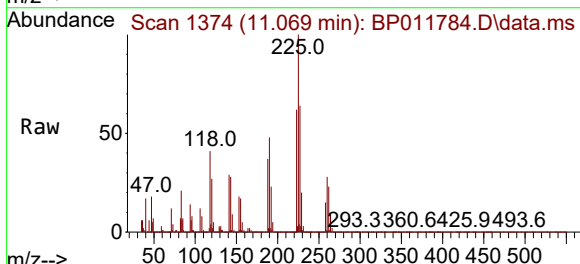
Tgt Ion:225 Resp: 490079

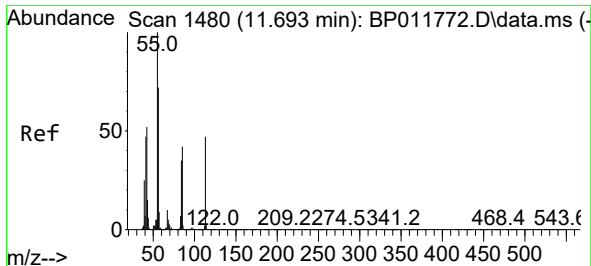
Ion Ratio Lower Upper

225 100

223 61.9 49.0 73.4

227 63.7 49.6 74.4

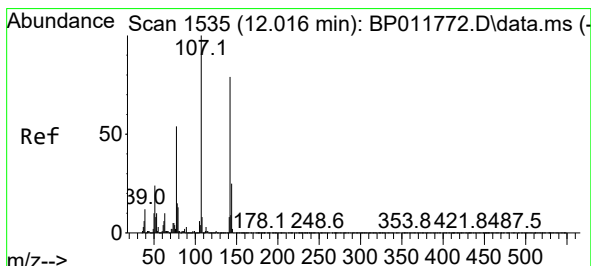
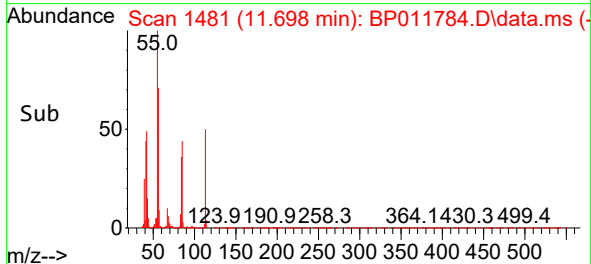
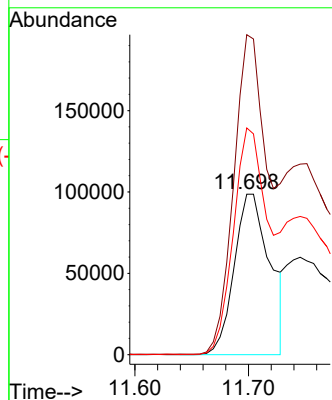
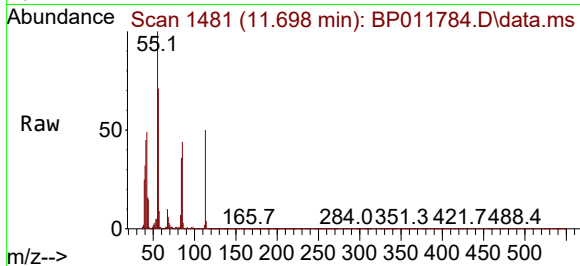




#35  
Caprolactam  
Concen: 25.383 ng  
RT: 11.698 min Scan# 1480  
Delta R.T. 0.006 min  
Lab File: BP011784.D  
Acq: 23 Sep 2022 15:39

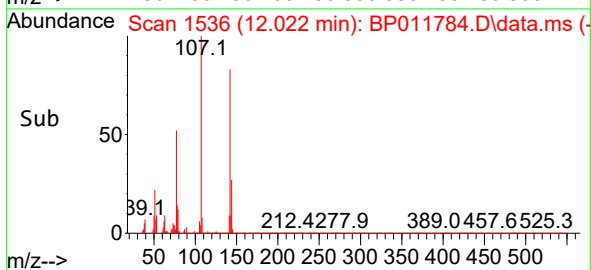
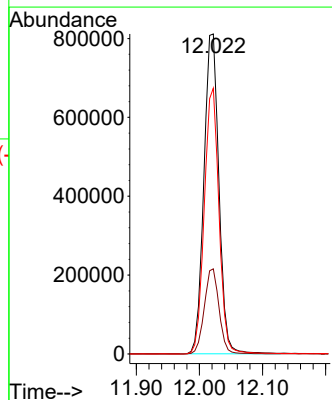
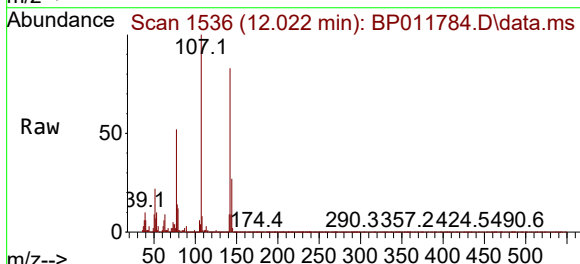
Instrument :  
BNA\_P  
ClientSampleId :  
PB147850BS

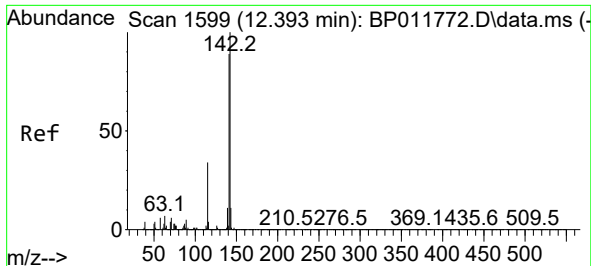
Tgt Ion:113 Resp: 215053  
Ion Ratio Lower Upper  
113 100  
55 199.3 191.1 231.1  
56 141.2 131.1 171.1



#36  
4-Chloro-3-methylphenol  
Concen: 53.113 ng  
RT: 12.022 min Scan# 1536  
Delta R.T. 0.006 min  
Lab File: BP011784.D  
Acq: 23 Sep 2022 15:39

Tgt Ion:107 Resp: 1343813  
Ion Ratio Lower Upper  
107 100  
144 26.6 20.2 30.2  
142 83.1 63.5 95.3

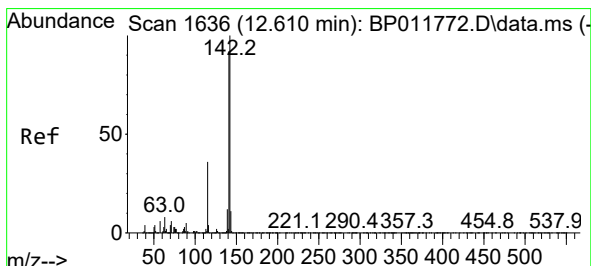
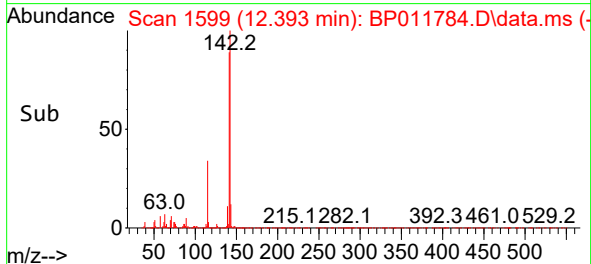
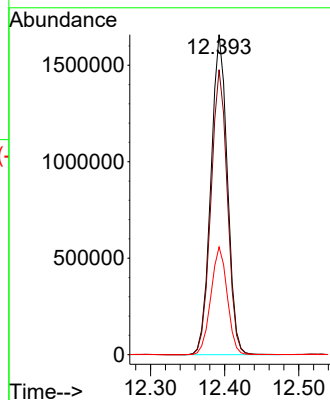
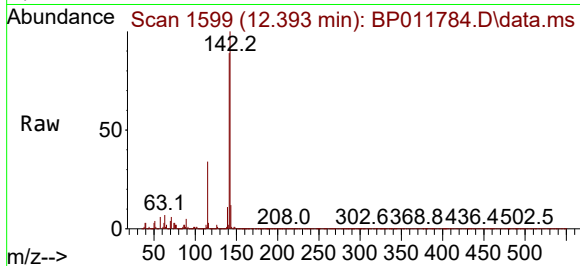




#37  
2-Methylnaphthalene  
Concen: 45.475 ng  
RT: 12.393 min Scan# 1599  
Delta R.T. 0.000 min  
Lab File: BP011784.D  
Acq: 23 Sep 2022 15:39

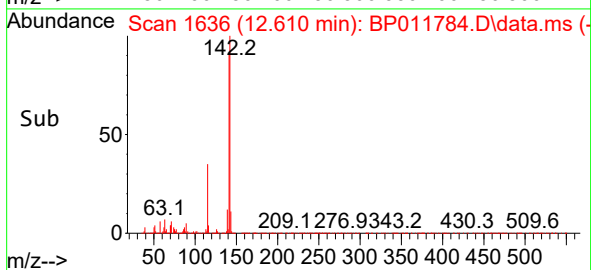
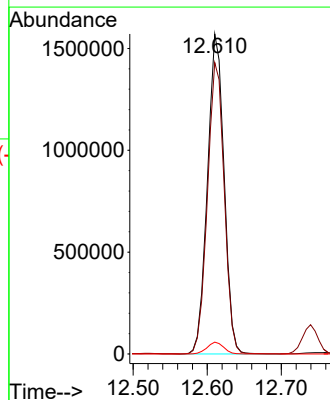
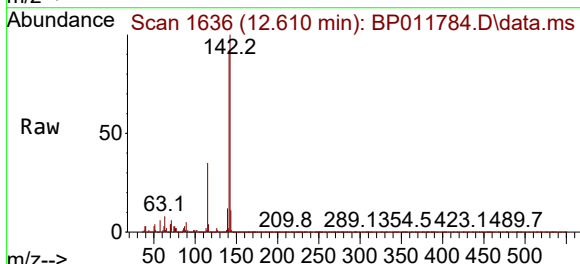
Instrument :  
BNA\_P  
ClientSampleId :  
PB147850BS

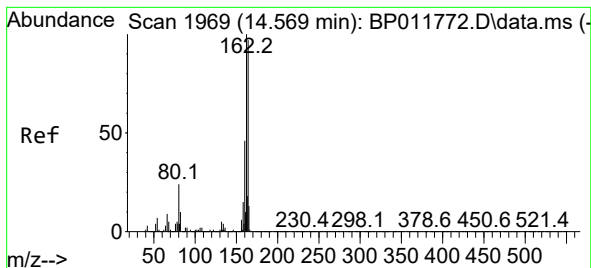
Tgt Ion:142 Resp: 2562520  
Ion Ratio Lower Upper  
142 100  
141 89.1 71.1 106.7  
115 33.7 27.4 41.0



#38  
1-Methylnaphthalene  
Concen: 44.057 ng  
RT: 12.610 min Scan# 1636  
Delta R.T. 0.000 min  
Lab File: BP011784.D  
Acq: 23 Sep 2022 15:39

Tgt Ion:142 Resp: 2444775  
Ion Ratio Lower Upper  
142 100  
141 91.1 73.4 110.2  
116 3.7 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.569 min Scan# 1969

Delta R.T. 0.000 min

Lab File: BP011784.D

Acq: 23 Sep 2022 15:39

Instrument :

BNA\_P

ClientSampleId :

PB147850BS

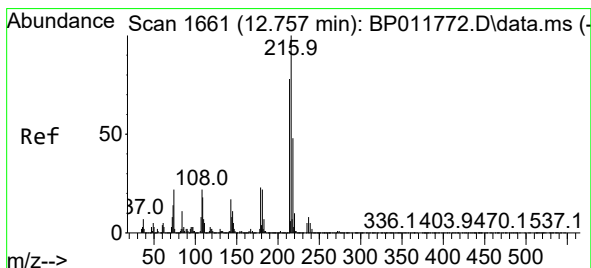
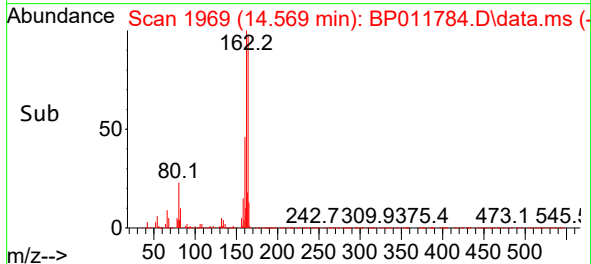
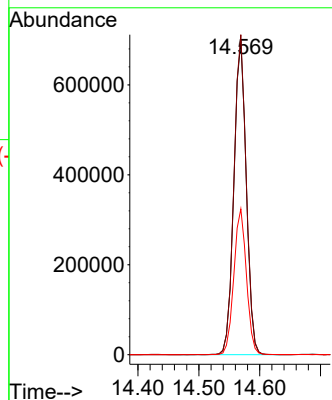
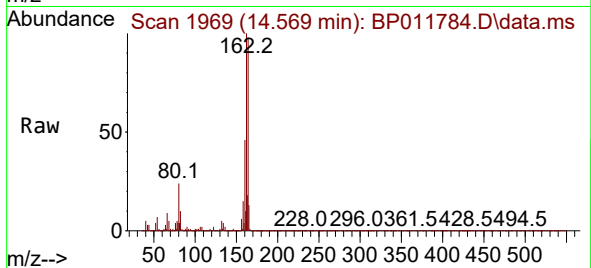
Tgt Ion:164 Resp: 988341

Ion Ratio Lower Upper

164 100

162 102.1 82.5 123.7

160 46.5 37.8 56.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.670 ng

RT: 12.757 min Scan# 1661

Delta R.T. 0.000 min

Lab File: BP011784.D

Acq: 23 Sep 2022 15:39

Tgt Ion:216 Resp: 1084083

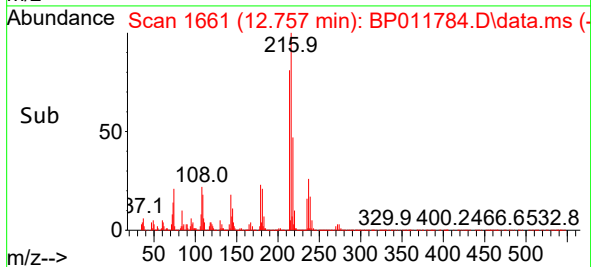
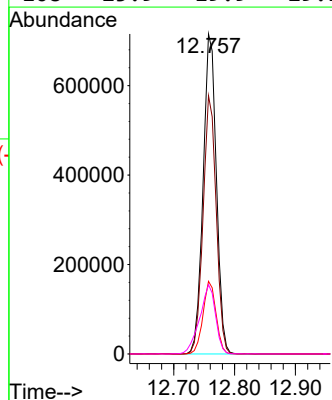
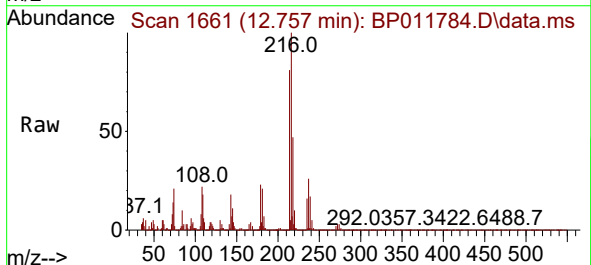
Ion Ratio Lower Upper

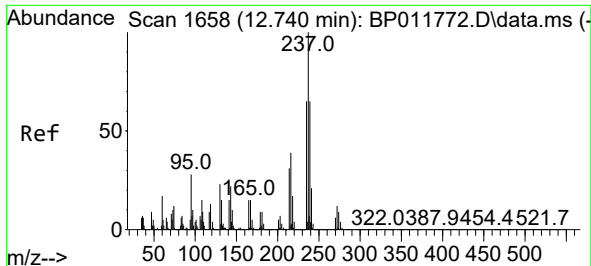
216 100

214 80.0 63.3 94.9

179 22.4 18.5 27.7

108 25.9 19.9 29.9

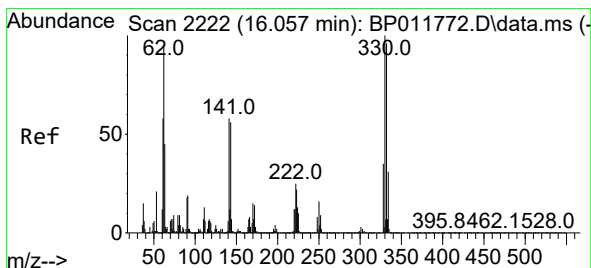
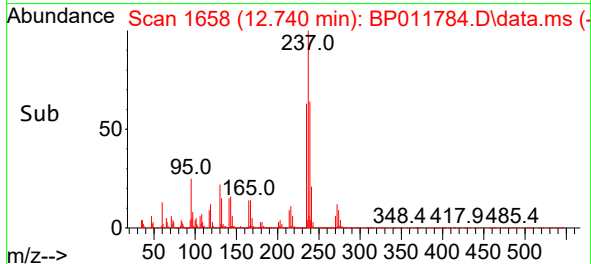
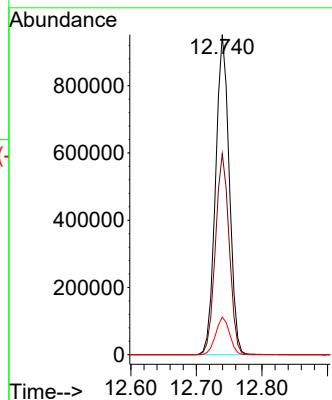
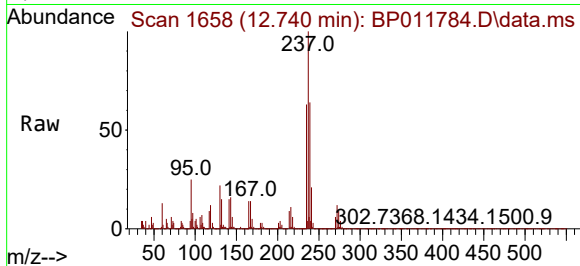




#41  
Hexachlorocyclopentadiene  
Concen: 126.003 ng  
RT: 12.740 min Scan# 1658  
Delta R.T. 0.000 min  
Lab File: BP011784.D  
Acq: 23 Sep 2022 15:39

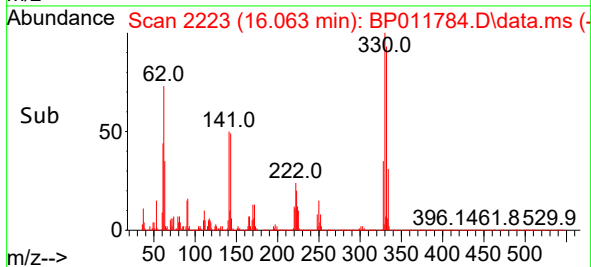
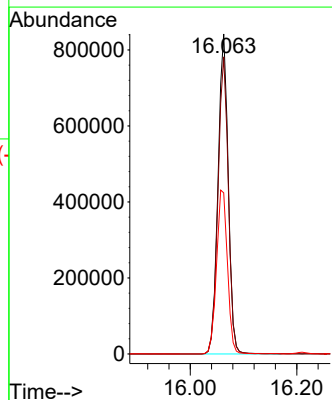
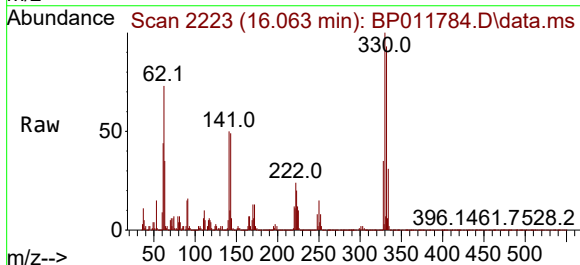
Instrument :  
BNA\_P  
ClientSampleId :  
PB147850BS

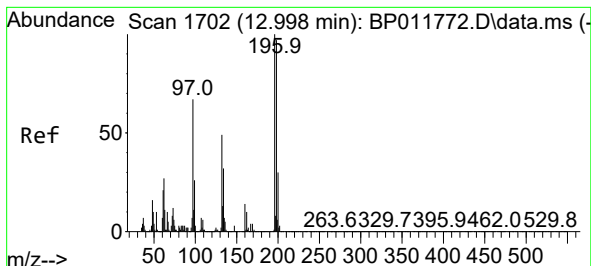
Tgt Ion:237 Resp: 1376431  
Ion Ratio Lower Upper  
237 100  
235 62.8 45.5 85.5  
272 11.8 0.0 31.6



#42  
2,4,6-Tribromophenol  
Concen: 168.613 ng  
RT: 16.063 min Scan# 2223  
Delta R.T. 0.006 min  
Lab File: BP011784.D  
Acq: 23 Sep 2022 15:39

Tgt Ion:330 Resp: 1122113  
Ion Ratio Lower Upper  
330 100  
332 94.0 76.6 114.8  
141 54.8 48.7 73.1





#43

2,4,6-Trichlorophenol

Concen: 53.087 ng

RT: 12.998 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP011784.D

Acq: 23 Sep 2022 15:39

Instrument :

BNA\_P

ClientSampleId :

PB147850BS

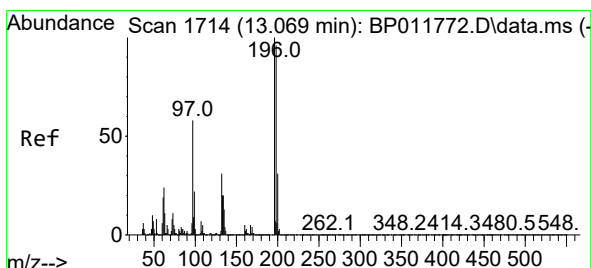
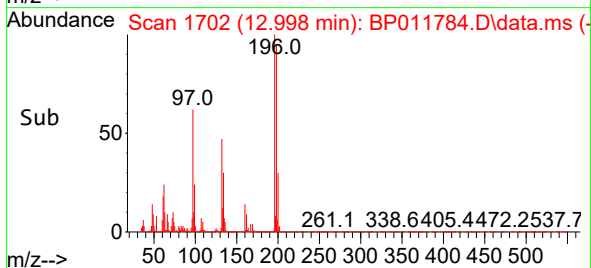
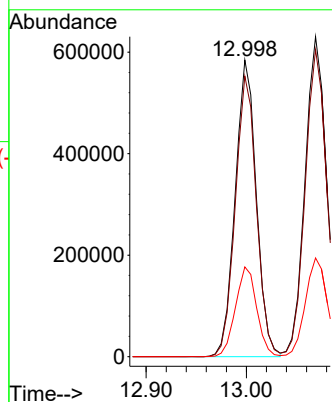
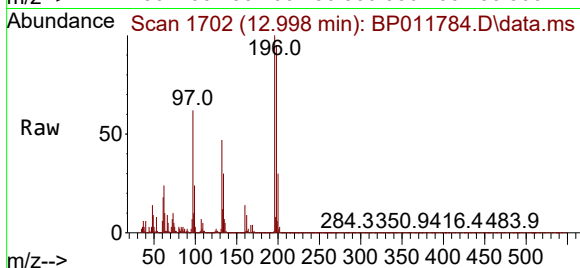
Tgt Ion:196 Resp: 855939

Ion Ratio Lower Upper

196 100

198 94.5 77.8 116.6

200 30.2 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 51.205 ng

RT: 13.069 min Scan# 1714

Delta R.T. 0.000 min

Lab File: BP011784.D

Acq: 23 Sep 2022 15:39

Tgt Ion:196 Resp: 948939

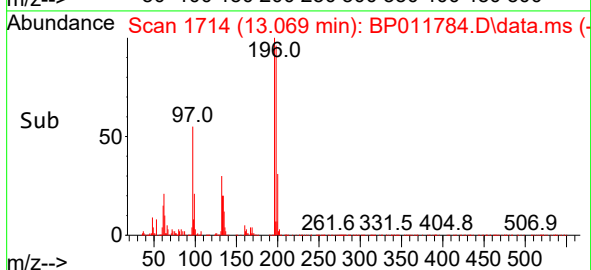
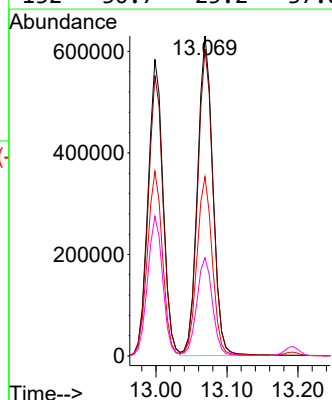
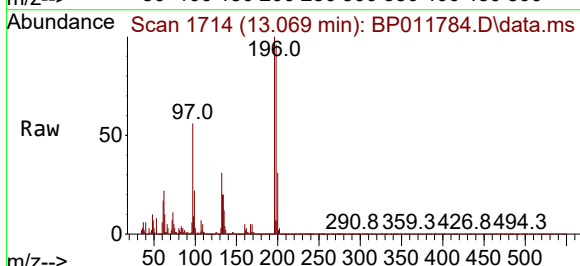
Ion Ratio Lower Upper

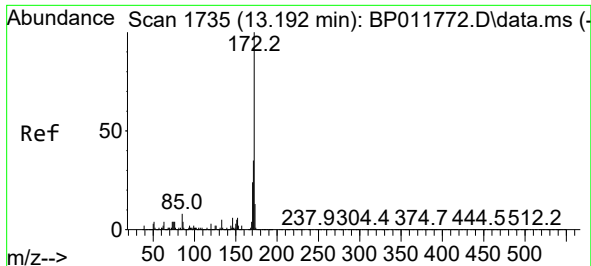
196 100

198 96.0 77.0 115.6

97 56.0 46.2 69.4

132 30.7 25.2 37.8

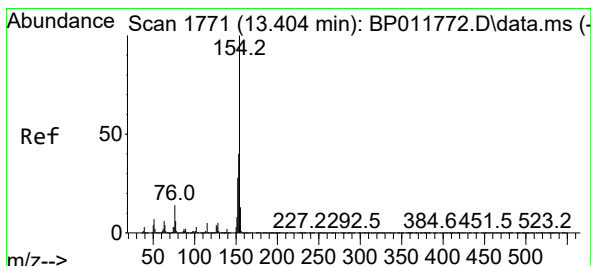
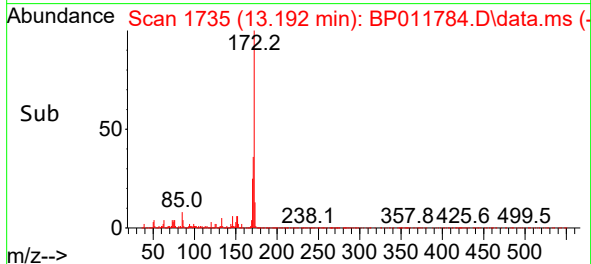
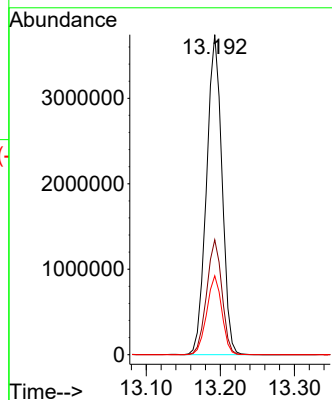
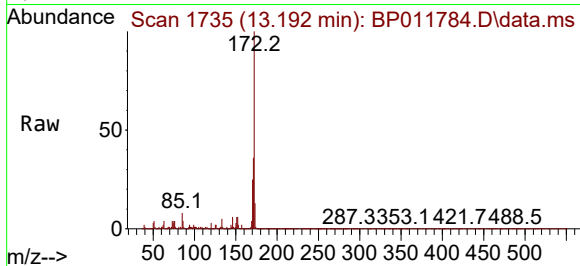




#45  
2-Fluorobiphenyl  
Concen: 86.613 ng  
RT: 13.192 min Scan# 1735  
Delta R.T. 0.000 min  
Lab File: BP011784.D  
Acq: 23 Sep 2022 15:39

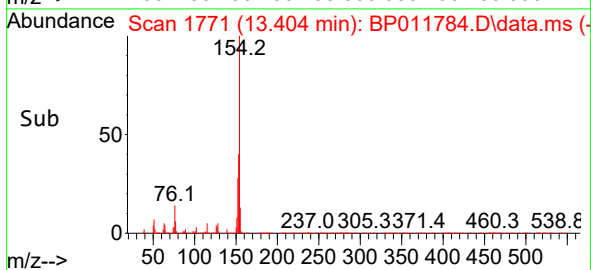
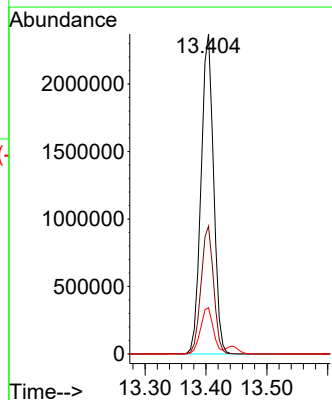
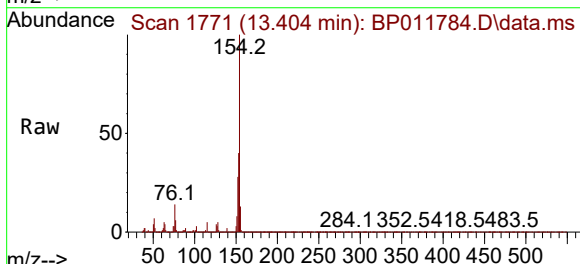
Instrument :  
BNA\_P  
ClientSampleId :  
PB147850BS

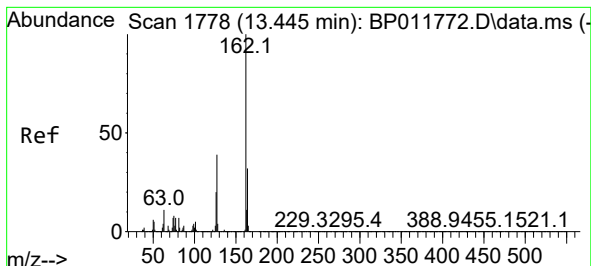
Tgt Ion:172 Resp: 5413192  
Ion Ratio Lower Upper  
172 100  
171 35.9 27.9 41.9  
170 24.7 19.5 29.3



#46  
1,1'-Biphenyl  
Concen: 47.135 ng  
RT: 13.404 min Scan# 1771  
Delta R.T. 0.000 min  
Lab File: BP011784.D  
Acq: 23 Sep 2022 15:39

Tgt Ion:154 Resp: 3384668  
Ion Ratio Lower Upper  
154 100  
153 39.9 19.5 59.5  
76 14.4 0.0 34.2

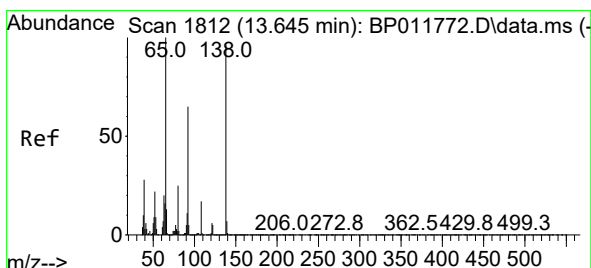
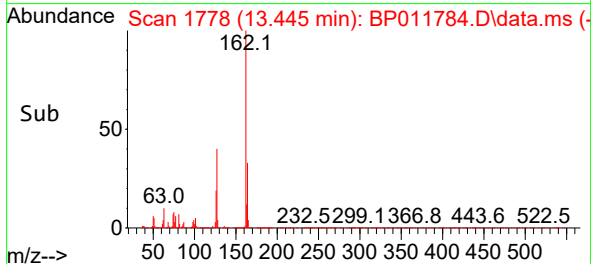
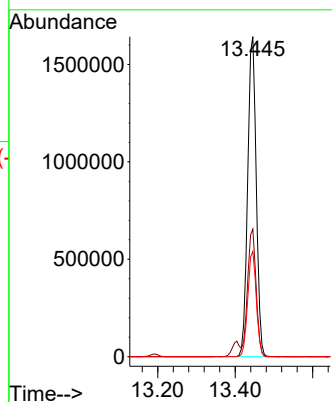
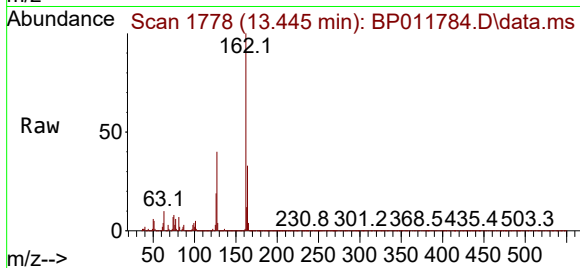




#47  
2-Chloronaphthalene  
Concen: 45.197 ng  
RT: 13.445 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BP011784.D  
Acq: 23 Sep 2022 15:39

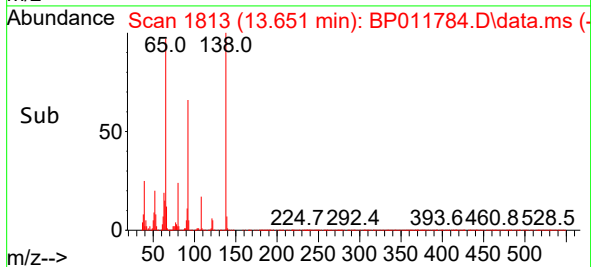
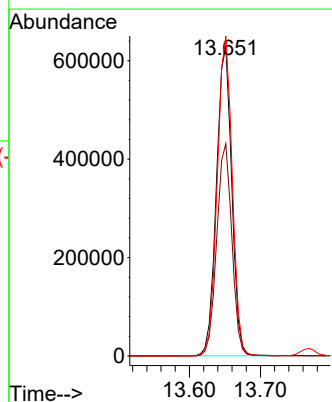
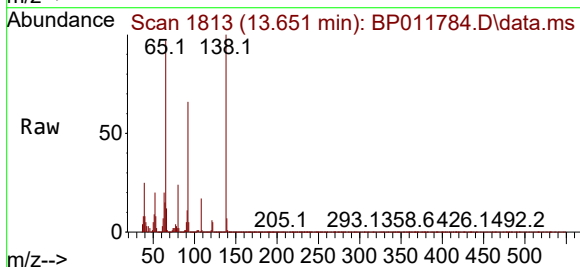
Instrument :  
BNA\_P  
ClientSampleId :  
PB147850BS

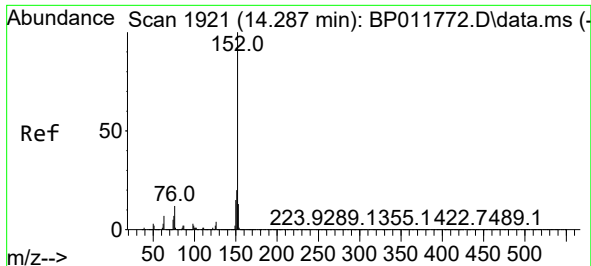
Tgt Ion:162 Resp: 2517390  
Ion Ratio Lower Upper  
162 100  
127 39.9 31.5 47.3  
164 32.9 25.9 38.9



#48  
2-Nitroaniline  
Concen: 47.114 ng  
RT: 13.651 min Scan# 1813  
Delta R.T. 0.006 min  
Lab File: BP011784.D  
Acq: 23 Sep 2022 15:39

Tgt Ion: 65 Resp: 935621  
Ion Ratio Lower Upper  
65 100  
92 68.6 52.3 78.5  
138 103.5 76.5 114.7

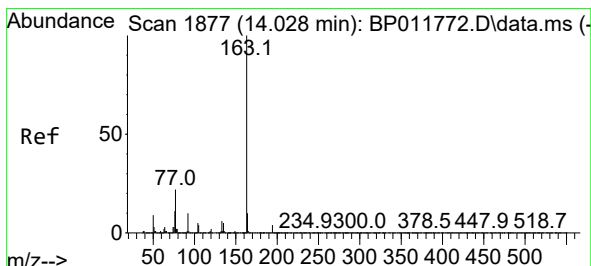
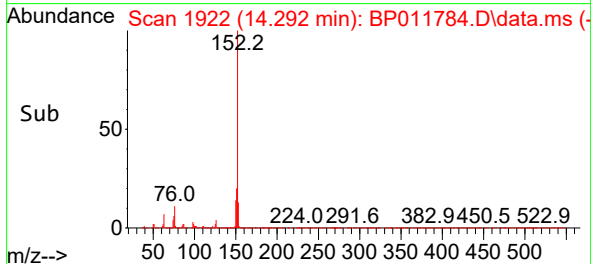
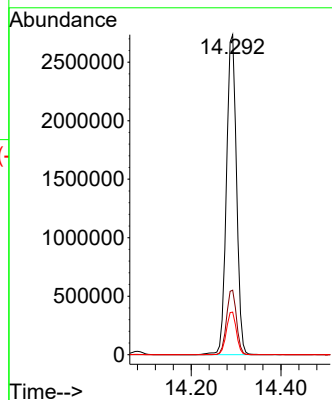
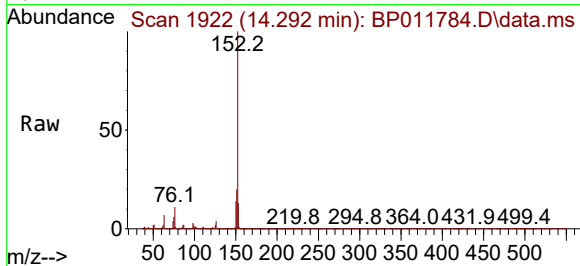




#49  
Acenaphthylene  
Concen: 46.042 ng  
RT: 14.292 min Scan# 1922  
Delta R.T. 0.005 min  
Lab File: BP011784.D  
Acq: 23 Sep 2022 15:39

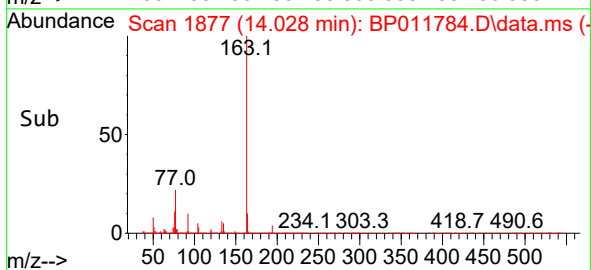
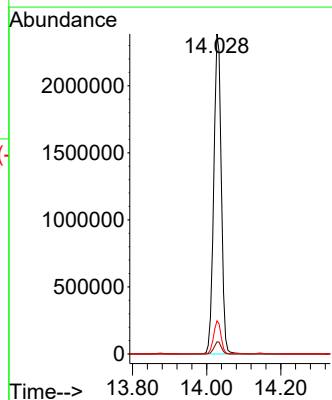
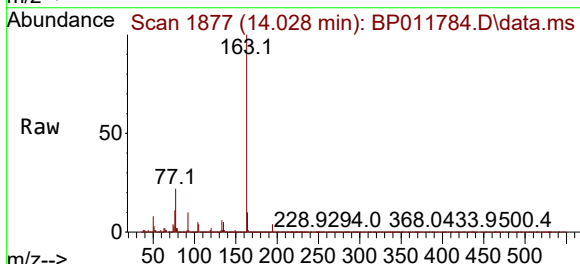
Instrument :  
BNA\_P  
ClientSampleId :  
PB147850BS

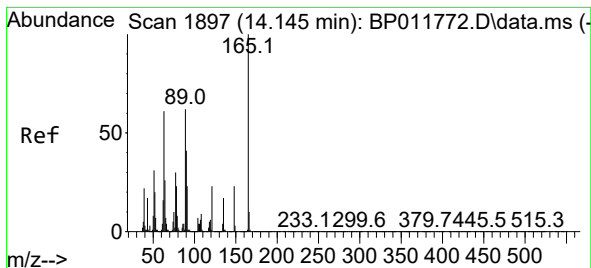
Tgt Ion:152 Resp: 4256713  
Ion Ratio Lower Upper  
152 100  
151 20.2 16.2 24.4  
153 13.3 10.6 16.0



#50  
Dimethylphthalate  
Concen: 46.377 ng  
RT: 14.028 min Scan# 1877  
Delta R.T. -0.000 min  
Lab File: BP011784.D  
Acq: 23 Sep 2022 15:39

Tgt Ion:163 Resp: 3360761  
Ion Ratio Lower Upper  
163 100  
194 3.8 3.0 4.4  
164 10.3 8.2 12.4

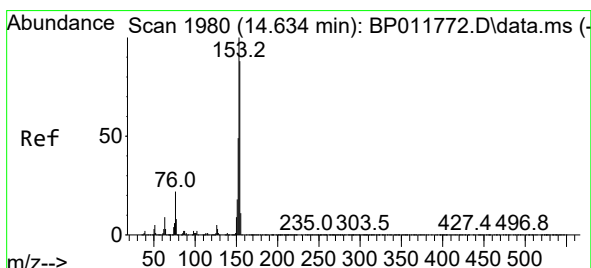
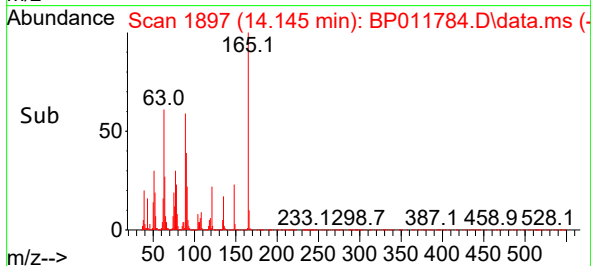
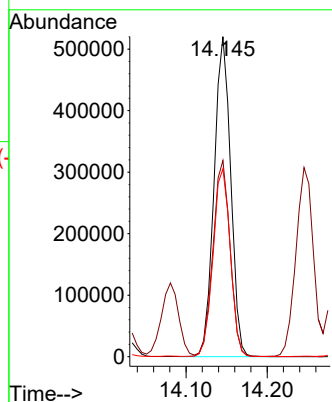
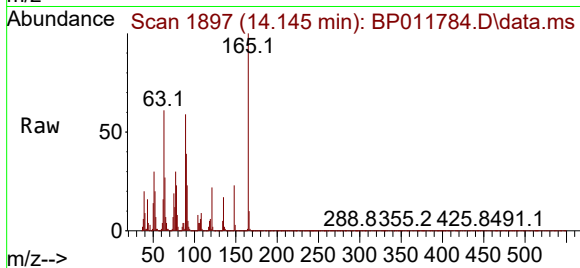




#51  
2,6-Dinitrotoluene  
Concen: 49.459 ng  
RT: 14.145 min Scan# 1897  
Delta R.T. 0.000 min  
Lab File: BP011784.D  
Acq: 23 Sep 2022 15:39

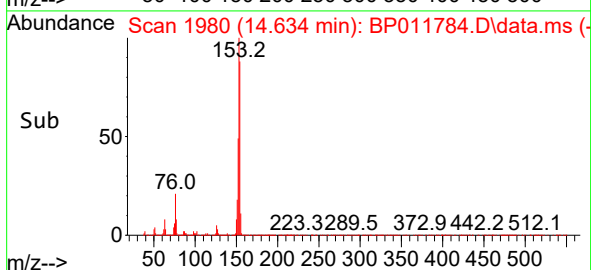
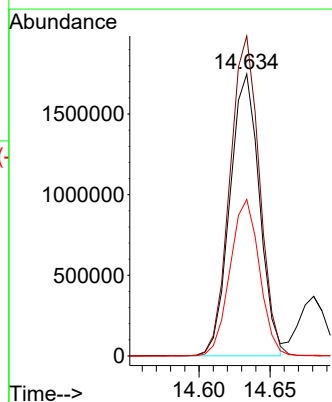
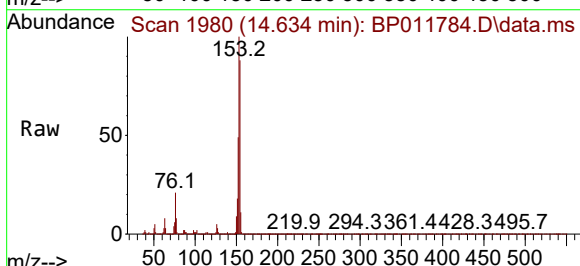
Instrument :  
BNA\_P  
ClientSampleId :  
PB147850BS

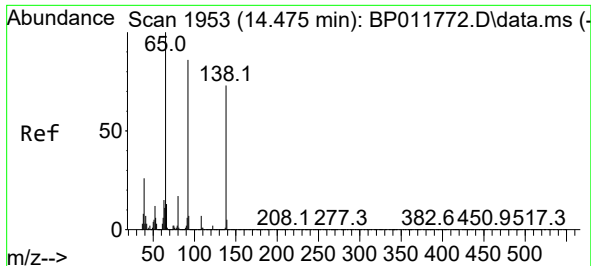
Tgt Ion:165 Resp: 739999  
Ion Ratio Lower Upper  
165 100  
63 61.3 51.0 76.4  
89 58.7 49.3 73.9



#52  
Acenaphthene  
Concen: 44.619 ng  
RT: 14.634 min Scan# 1980  
Delta R.T. 0.000 min  
Lab File: BP011784.D  
Acq: 23 Sep 2022 15:39

Tgt Ion:154 Resp: 2529930  
Ion Ratio Lower Upper  
154 100  
153 113.5 90.8 136.2  
152 55.5 44.6 66.8

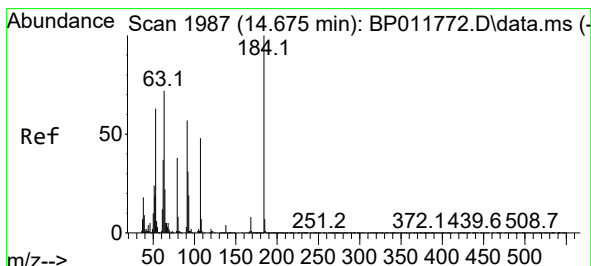
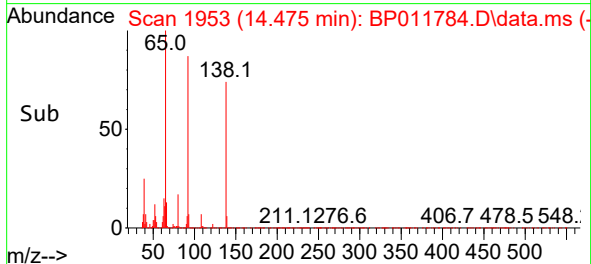
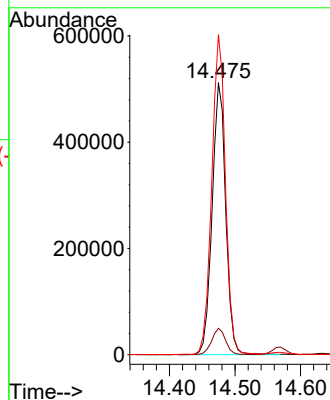
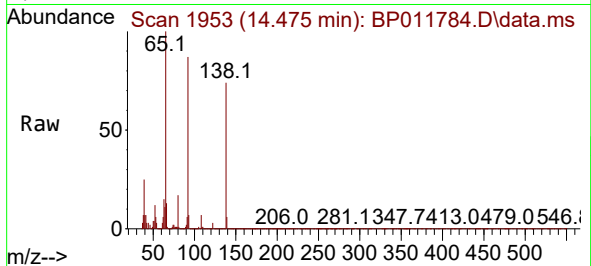




#53  
3-Nitroaniline  
Concen: 40.243 ng  
RT: 14.475 min Scan# 1953  
Delta R.T. -0.000 min  
Lab File: BP011784.D  
Acq: 23 Sep 2022 15:39

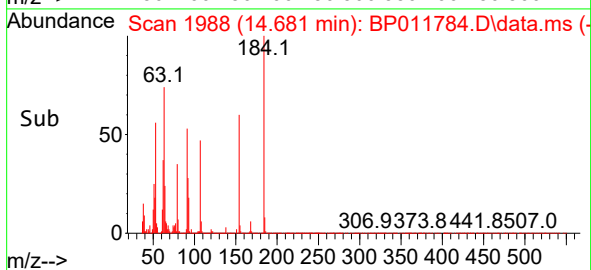
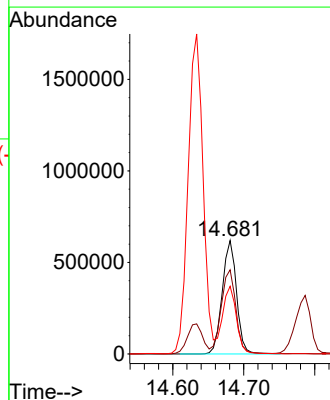
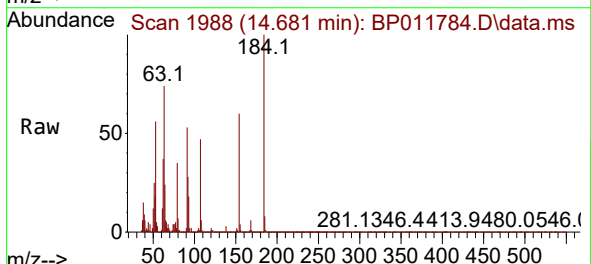
Instrument :  
BNA\_P  
ClientSampleId :  
PB147850BS

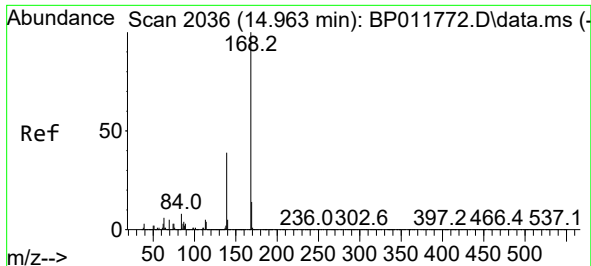
Tgt Ion:138 Resp: 737446  
Ion Ratio Lower Upper  
138 100  
108 9.7 7.6 11.4  
92 117.6 94.6 142.0



#54  
2,4-Dinitrophenol  
Concen: 106.693 ng  
RT: 14.681 min Scan# 1988  
Delta R.T. 0.006 min  
Lab File: BP011784.D  
Acq: 23 Sep 2022 15:39

Tgt Ion:184 Resp: 862451  
Ion Ratio Lower Upper  
184 100  
63 74.2 65.7 98.5  
154 59.7 48.2 72.4

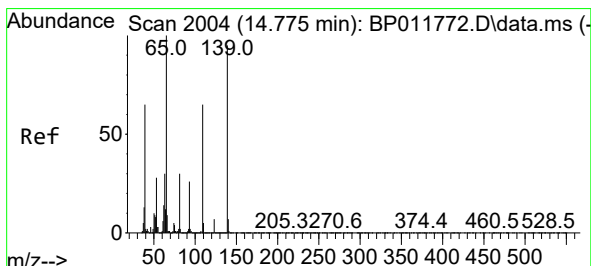
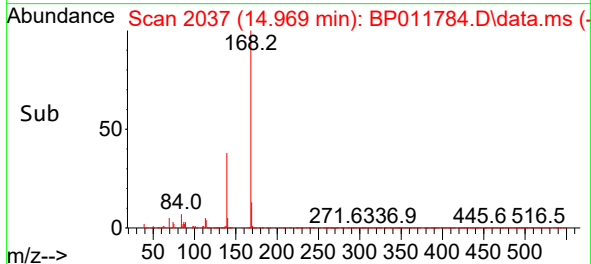
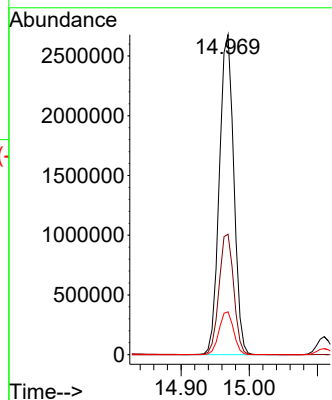
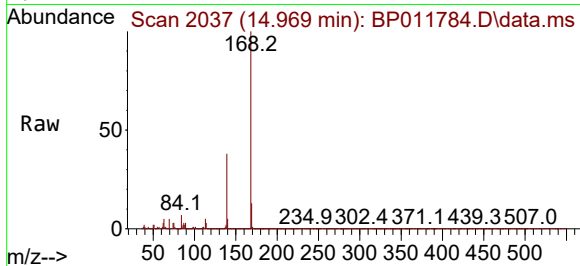




#55  
Dibenzofuran  
Concen: 45.547 ng  
RT: 14.969 min Scan# 2036  
Delta R.T. 0.006 min  
Lab File: BP011784.D  
Acq: 23 Sep 2022 15:39

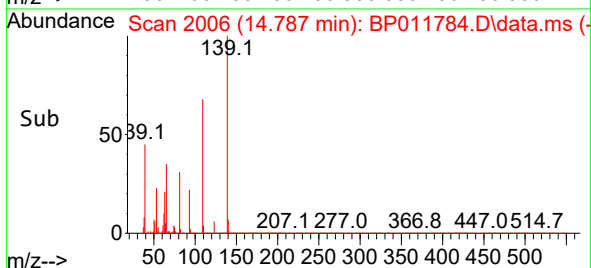
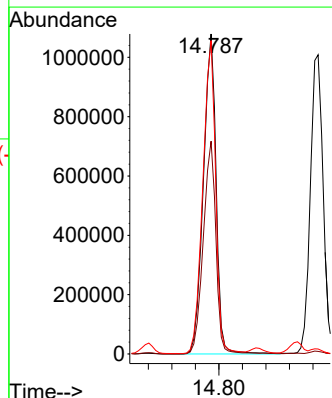
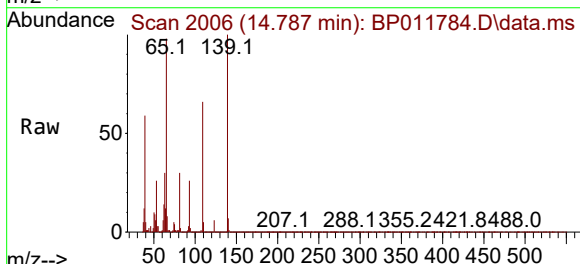
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BNA\_P  
ClientSampleId :  
PB147850BS

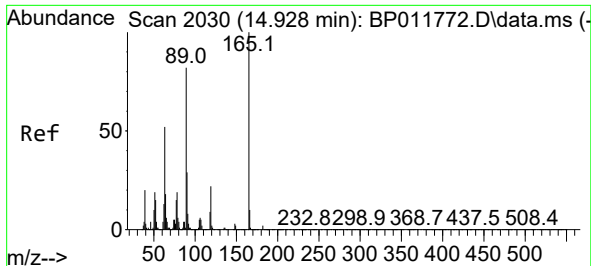
Tgt Ion:168 Resp: 3958380  
Ion Ratio Lower Upper  
168 100  
139 37.7 31.3 46.9  
169 13.4 11.0 16.4



#56  
4-Nitrophenol  
Concen: 106.295 ng  
RT: 14.787 min Scan# 2006  
Delta R.T. 0.012 min  
Lab File: BP011784.D  
Acq: 23 Sep 2022 15:39

Tgt Ion:139 Resp: 1617558  
Ion Ratio Lower Upper  
139 100  
109 66.5 48.3 88.3  
65 98.0 85.0 125.0

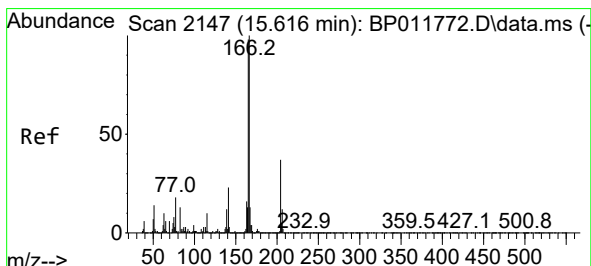
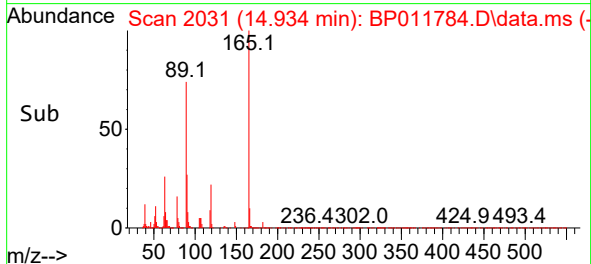
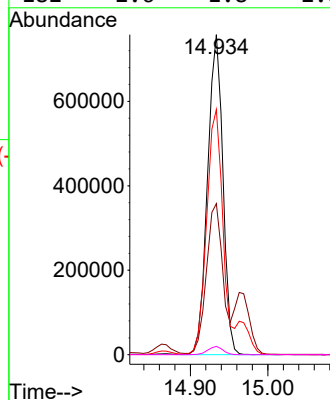
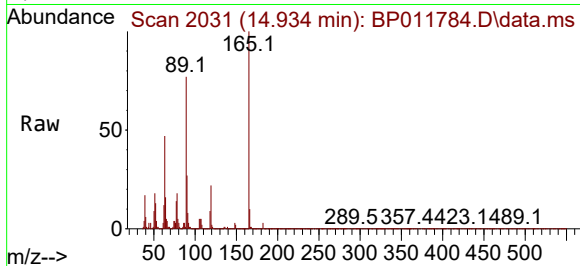




#57  
2,4-Dinitrotoluene  
Concen: 46.882 ng  
RT: 14.934 min Scan# 2031  
Delta R.T. 0.006 min  
Lab File: BP011784.D  
Acq: 23 Sep 2022 15:39

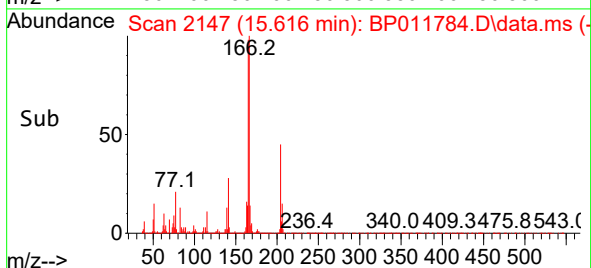
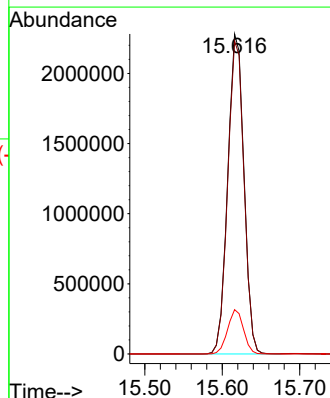
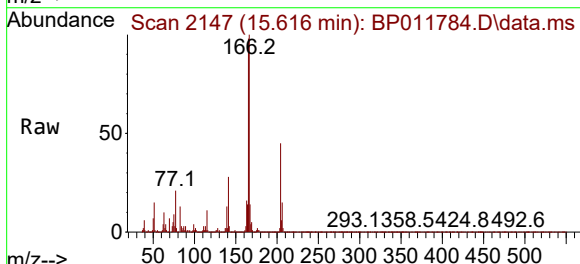
Instrument :  
BNA\_P  
ClientSampleId :  
PB147850BS

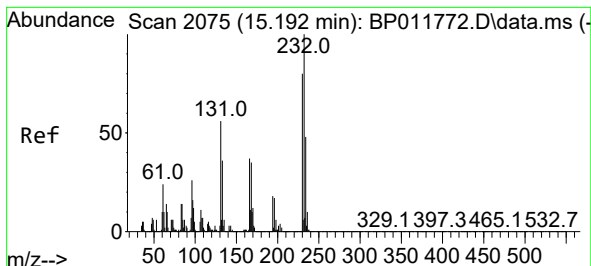
Tgt Ion:165 Resp: 1040491  
Ion Ratio Lower Upper  
165 100  
63 47.2 41.4 62.2  
89 76.6 66.0 99.0  
182 2.6 1.8 2.8



#58  
Fluorene  
Concen: 44.956 ng  
RT: 15.616 min Scan# 2147  
Delta R.T. 0.000 min  
Lab File: BP011784.D  
Acq: 23 Sep 2022 15:39

Tgt Ion:166 Resp: 3314604  
Ion Ratio Lower Upper  
166 100  
165 97.9 78.2 117.4  
167 13.9 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 49.525 ng

RT: 15.110 min Scan# 2075

Delta R.T. -0.082 min

Lab File: BP011784.D

Acq: 23 Sep 2022 15:39

Instrument :

BNA\_P

ClientSampleId :

PB147850BS

Tgt Ion:232 Resp: 749354

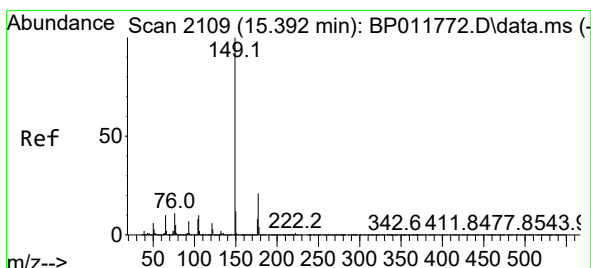
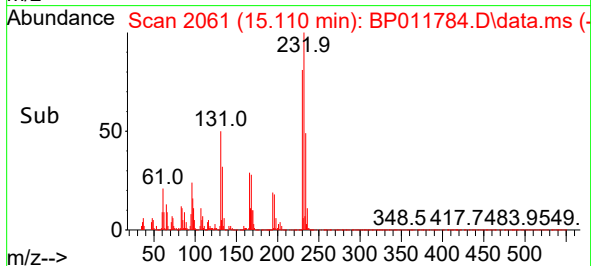
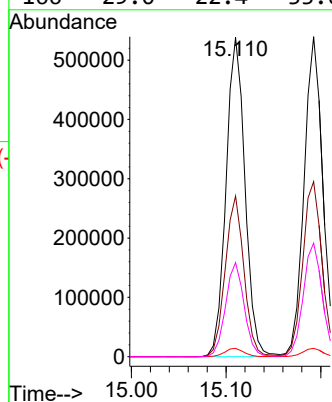
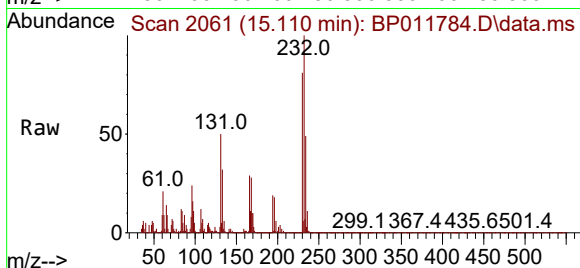
Ion Ratio Lower Upper

232 100

131 49.8 39.5 59.3

130 2.6 2.3 3.5

166 29.0 22.4 33.6



#60

Diethylphthalate

Concen: 46.148 ng

RT: 15.392 min Scan# 2109

Delta R.T. 0.000 min

Lab File: BP011784.D

Acq: 23 Sep 2022 15:39

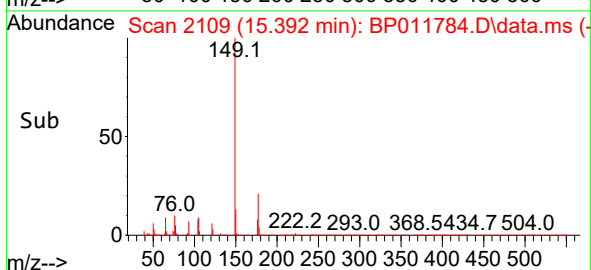
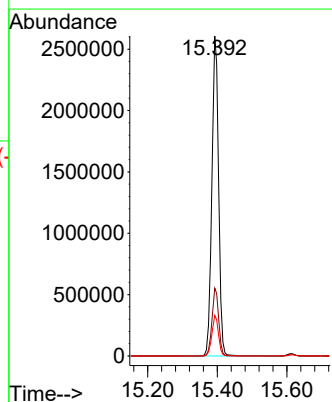
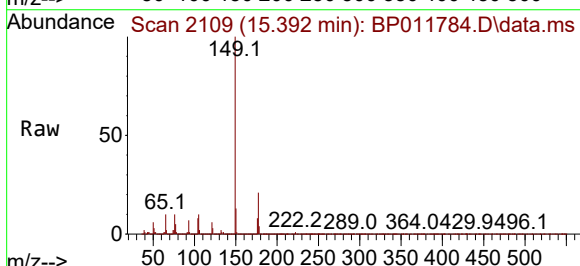
Tgt Ion:149 Resp: 3491794

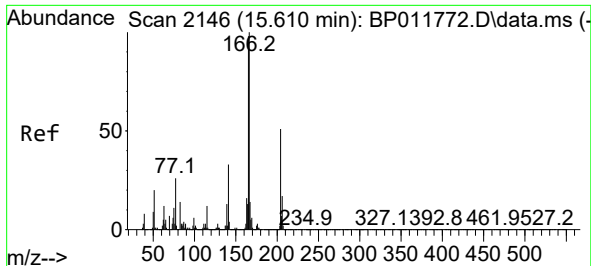
Ion Ratio Lower Upper

149 100

177 21.2 16.9 25.3

150 12.6 9.8 14.8

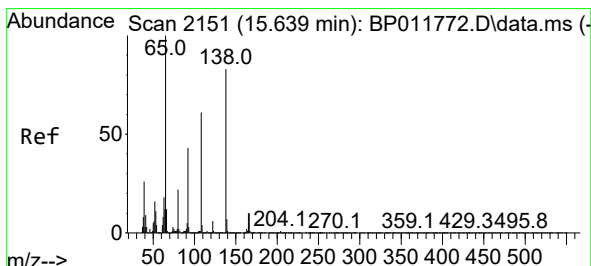
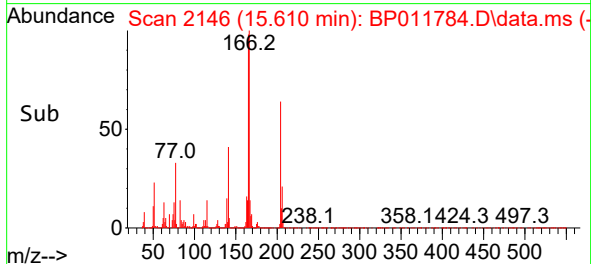
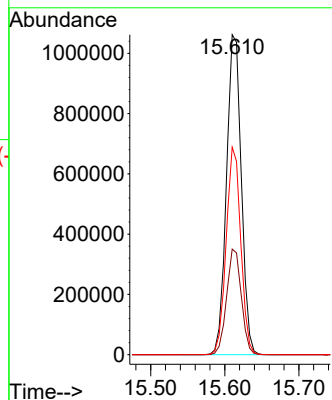
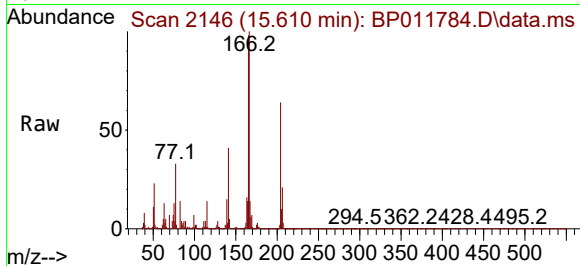




#61  
4-Chlorophenyl-phenylether  
Concen: 47.828 ng  
RT: 15.610 min Scan# 2146  
Delta R.T. 0.000 min  
Lab File: BP011784.D  
Acq: 23 Sep 2022 15:39

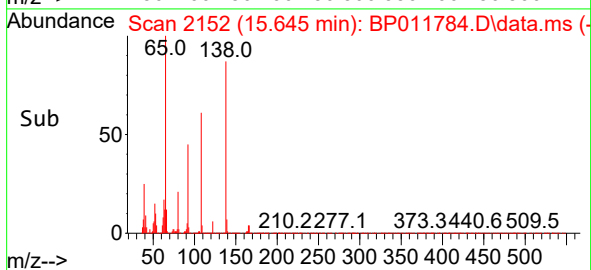
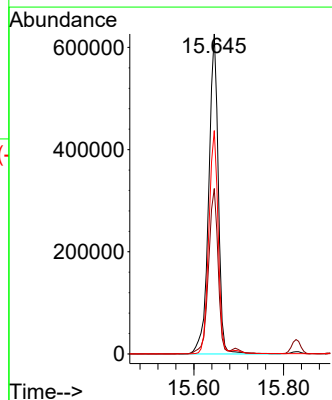
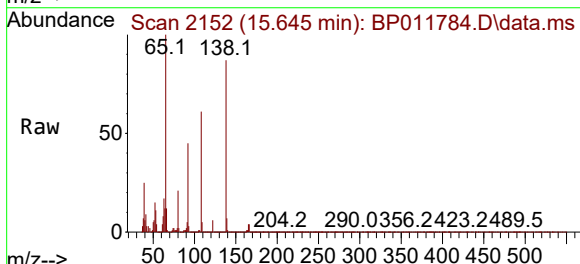
Instrument :  
BNA\_P  
ClientSampleId :  
PB147850BS

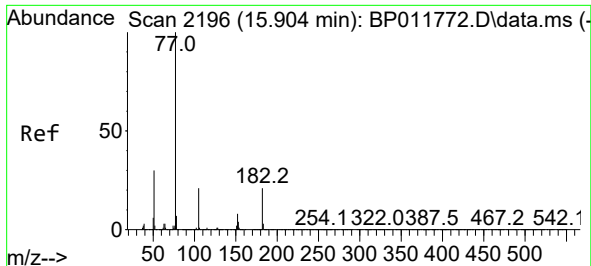
Tgt Ion:204 Resp: 1474373  
Ion Ratio Lower Upper  
204 100  
206 33.0 26.2 39.4  
141 64.9 51.4 77.2



#62  
4-Nitroaniline  
Concen: 43.512 ng  
RT: 15.645 min Scan# 2152  
Delta R.T. 0.006 min  
Lab File: BP011784.D  
Acq: 23 Sep 2022 15:39

Tgt Ion:138 Resp: 927221  
Ion Ratio Lower Upper  
138 100  
92 51.7 31.9 71.9  
108 69.8 53.3 93.3



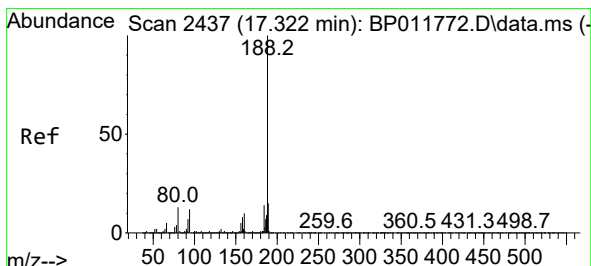
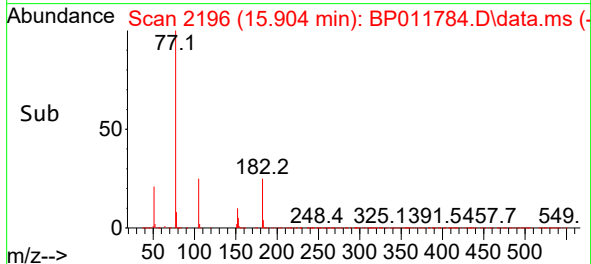
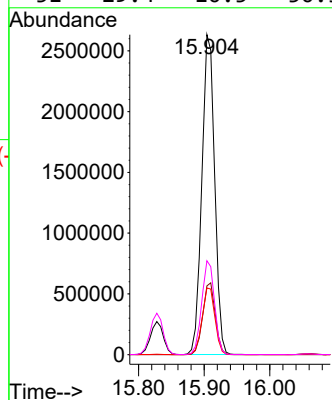
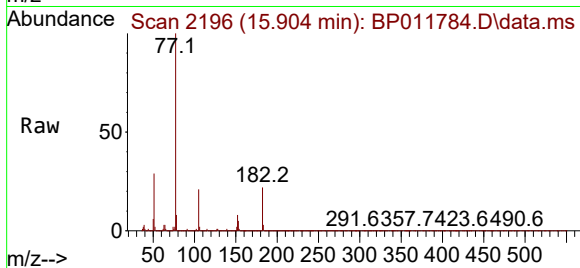


#63  
Azobenzene  
Concen: 43.250 ng  
RT: 15.904 min Scan# 2196  
Delta R.T. 0.000 min  
Lab File: BP011784.D  
Acq: 23 Sep 2022 15:39

Instrument :  
BNA\_P  
ClientSampleId :  
PB147850BS

Tgt Ion: 77 Resp: 3583346

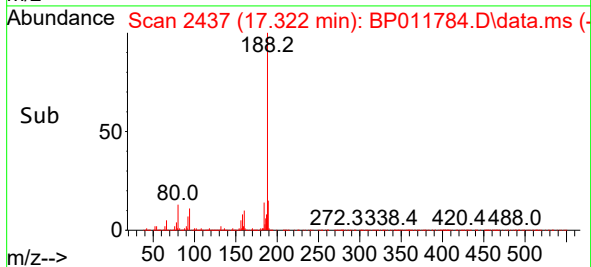
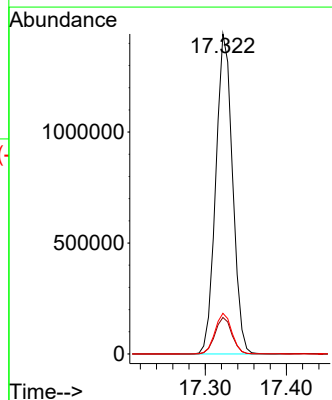
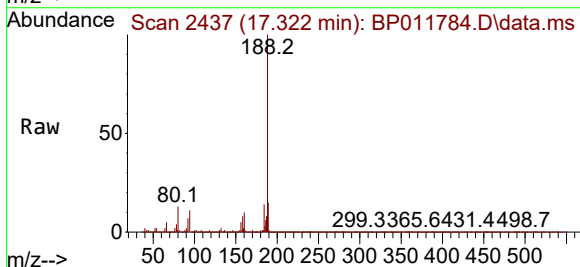
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 21.5  | 1.3   | 41.3  |
| 105 | 20.9  | 0.5   | 40.5  |
| 51  | 29.4  | 10.5  | 50.5  |

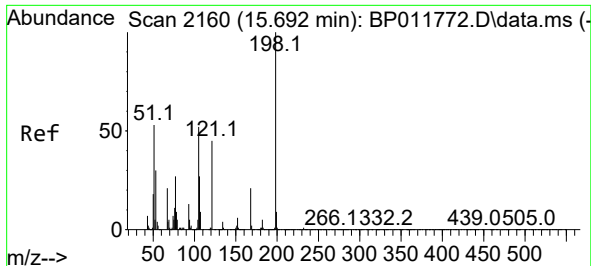


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.322 min Scan# 2437  
Delta R.T. 0.000 min  
Lab File: BP011784.D  
Acq: 23 Sep 2022 15:39

Tgt Ion: 188 Resp: 2071940

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 11.4  | 9.4   | 14.0  |
| 80  | 12.7  | 10.6  | 15.8  |

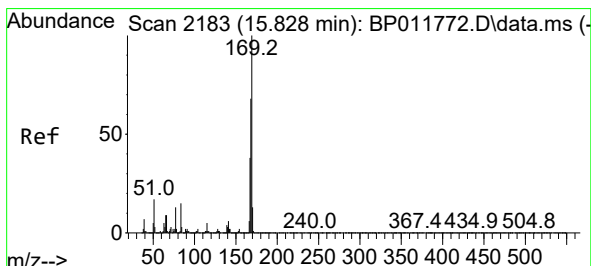
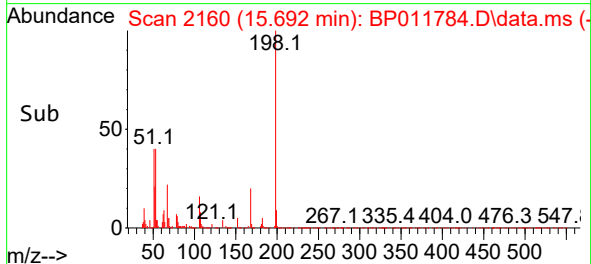
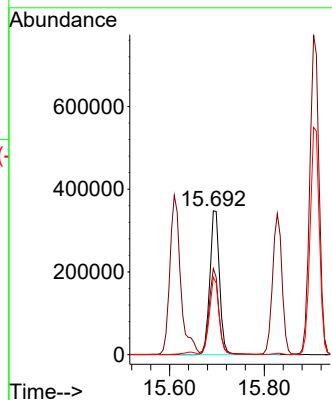
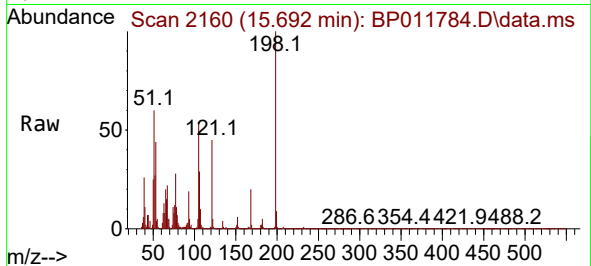




#65  
4,6-Dinitro-2-methylphenol  
Concen: 47.202 ng  
RT: 15.692 min Scan# 2160  
Delta R.T. 0.000 min  
Lab File: BP011784.D  
Acq: 23 Sep 2022 15:39

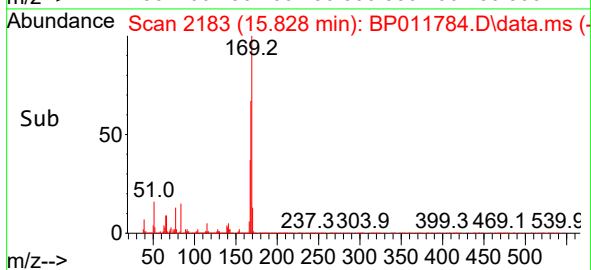
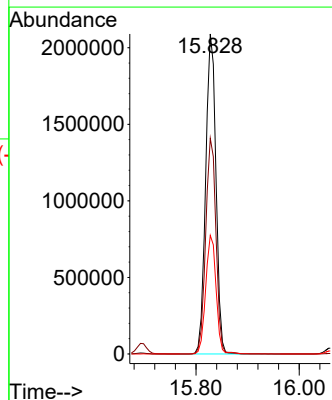
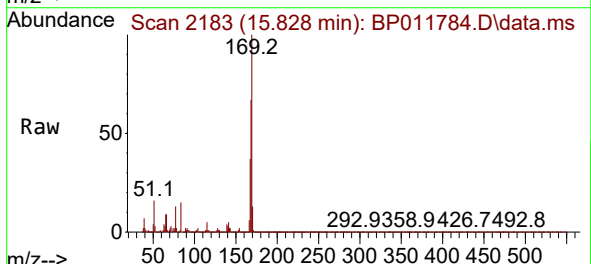
Instrument :  
BNA\_P  
ClientSampleId :  
PB147850BS

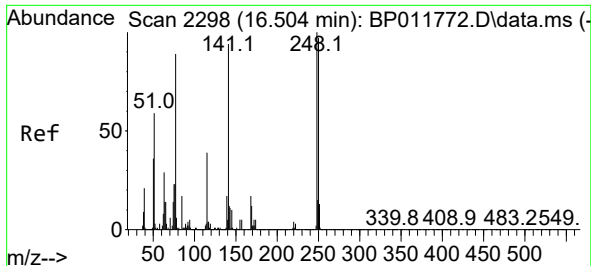
Tgt Ion:198 Resp: 494548  
Ion Ratio Lower Upper  
198 100  
51 60.0 41.6 81.6  
105 53.9 33.2 73.2



#66  
n-Nitrosodiphenylamine  
Concen: 46.586 ng  
RT: 15.828 min Scan# 2183  
Delta R.T. 0.000 min  
Lab File: BP011784.D  
Acq: 23 Sep 2022 15:39

Tgt Ion:169 Resp: 2876041  
Ion Ratio Lower Upper  
169 100  
168 67.4 54.5 81.7  
167 37.1 30.1 45.1

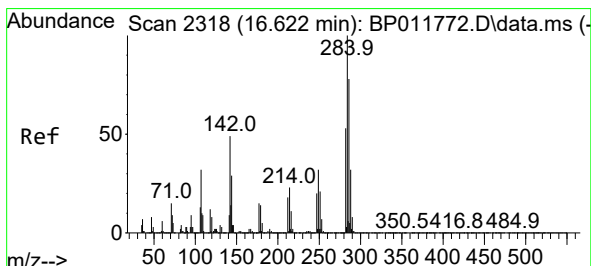
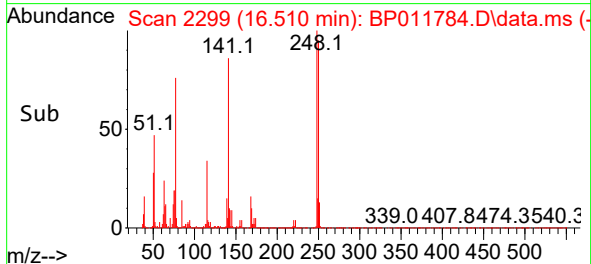
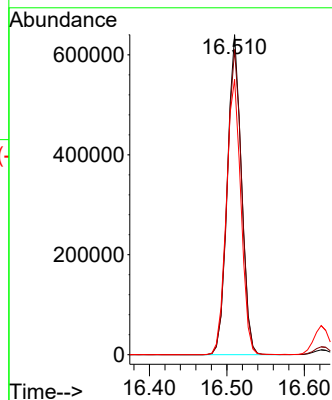
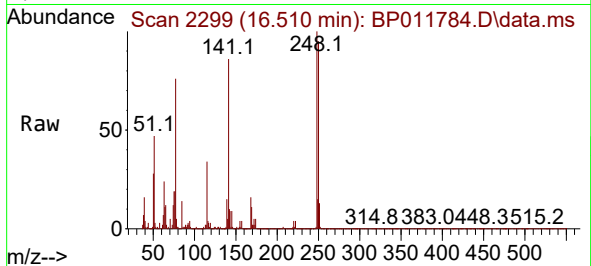




#67  
4-Bromophenyl-phenylether  
Concen: 47.967 ng  
RT: 16.510 min Scan# 2298  
Delta R.T. 0.006 min  
Lab File: BP011784.D  
Acq: 23 Sep 2022 15:39

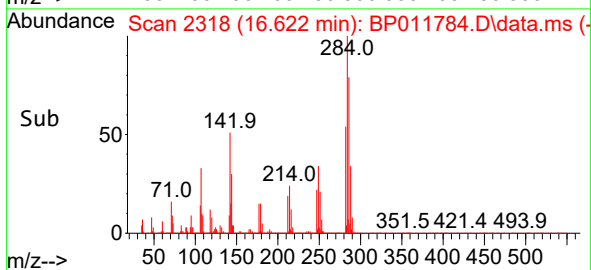
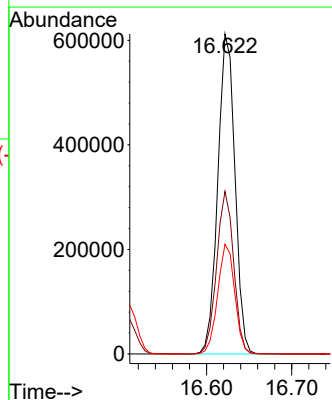
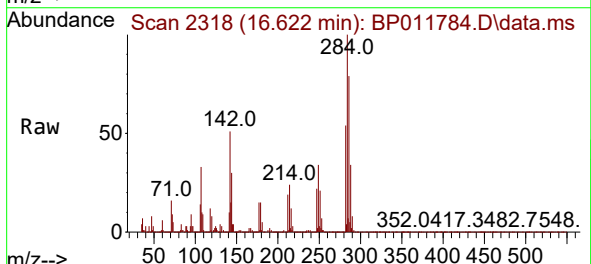
Instrument :  
BNA\_P  
ClientSampleId :  
PB147850BS

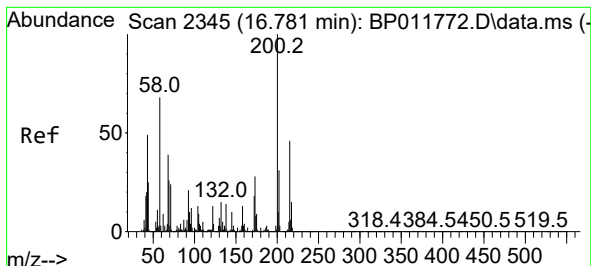
Tgt Ion:248 Resp: 815039  
Ion Ratio Lower Upper  
248 100  
250 95.4 77.6 116.4  
141 86.0 75.4 113.0



#68  
Hexachlorobenzene  
Concen: 47.398 ng  
RT: 16.622 min Scan# 2318  
Delta R.T. 0.000 min  
Lab File: BP011784.D  
Acq: 23 Sep 2022 15:39

Tgt Ion:284 Resp: 855723  
Ion Ratio Lower Upper  
284 100  
142 50.8 39.0 58.4  
249 34.3 25.9 38.9





#69

Atrazine

Concen: 54.727 ng

RT: 16.786 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP011784.D

Acq: 23 Sep 2022 15:39

Instrument :

BNA\_P

ClientSampleId :

PB147850BS

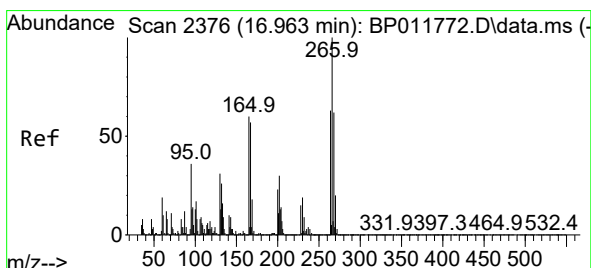
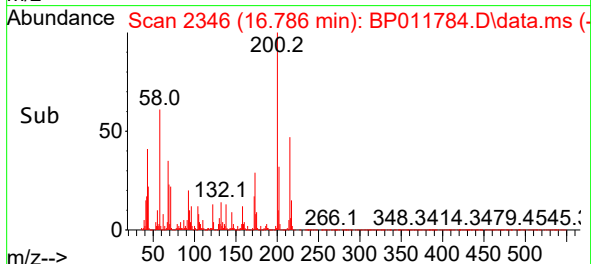
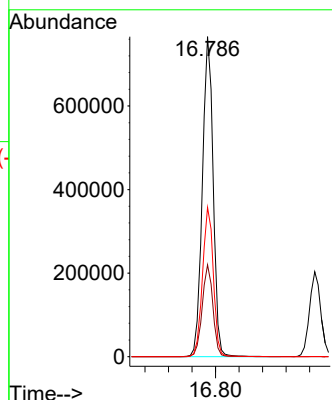
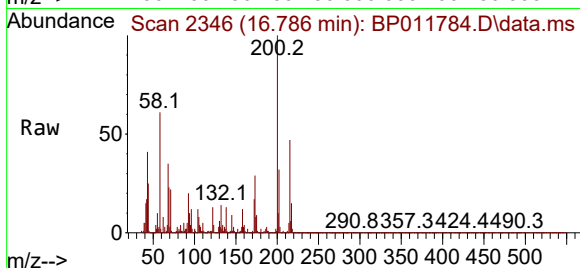
Tgt Ion:200 Resp: 978384

Ion Ratio Lower Upper

200 100

173 28.7 8.5 48.5

215 46.7 26.3 66.3



#70

Pentachlorophenol

Concen: 93.756 ng

RT: 16.969 min Scan# 2377

Delta R.T. 0.006 min

Lab File: BP011784.D

Acq: 23 Sep 2022 15:39

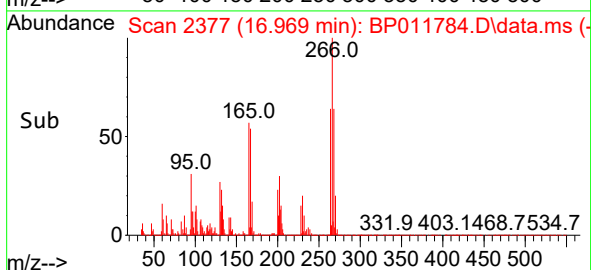
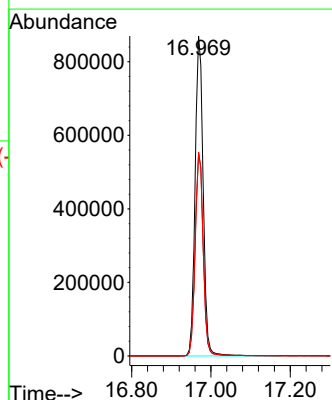
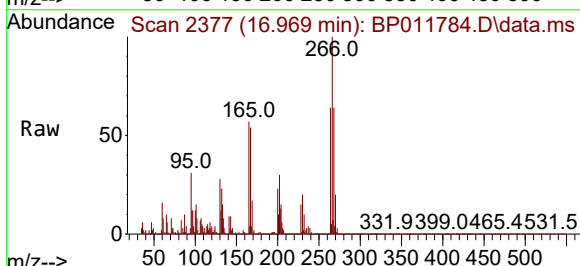
Tgt Ion:266 Resp: 1228117

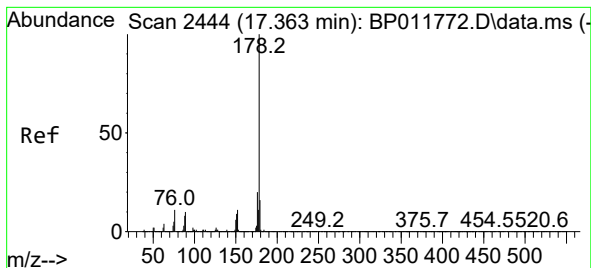
Ion Ratio Lower Upper

266 100

268 63.6 49.7 74.5

264 63.7 50.6 75.8





#71

Phenanthrene

Concen: 44.830 ng

RT: 17.369 min Scan# 2444

Delta R.T. 0.006 min

Lab File: BP011784.D

Acq: 23 Sep 2022 15:39

Instrument :

BNA\_P

ClientSampleId :

PB147850BS

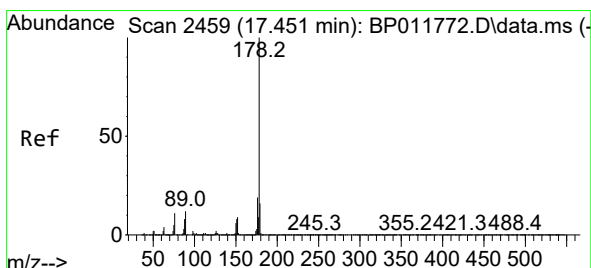
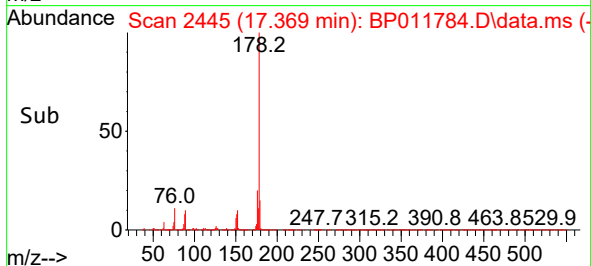
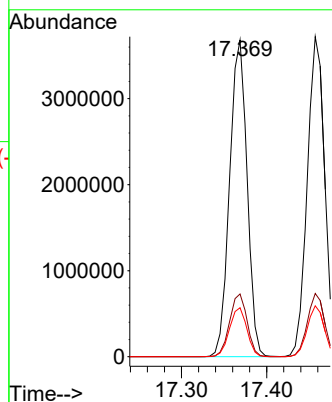
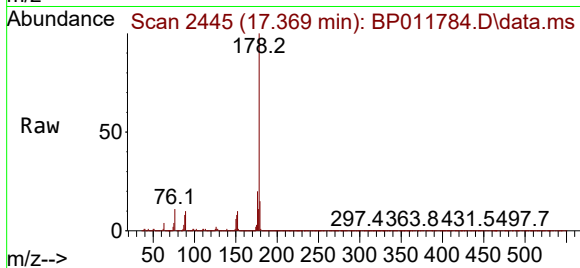
Tgt Ion:178 Resp: 5238866

Ion Ratio Lower Upper

178 100

176 19.8 16.2 24.2

179 15.5 12.6 18.8



#72

Anthracene

Concen: 47.327 ng

RT: 17.457 min Scan# 2460

Delta R.T. 0.006 min

Lab File: BP011784.D

Acq: 23 Sep 2022 15:39

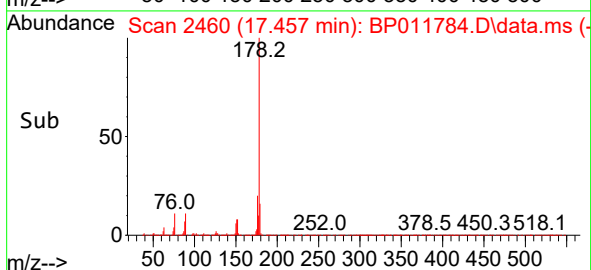
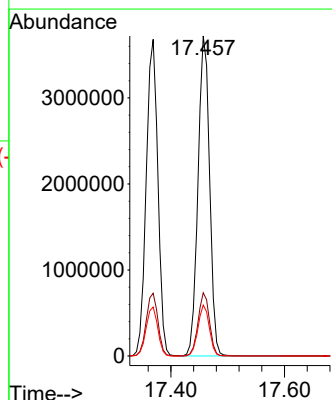
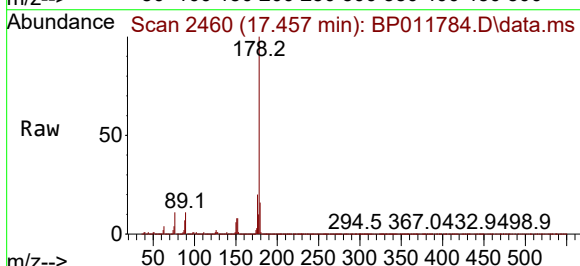
Tgt Ion:178 Resp: 5289739

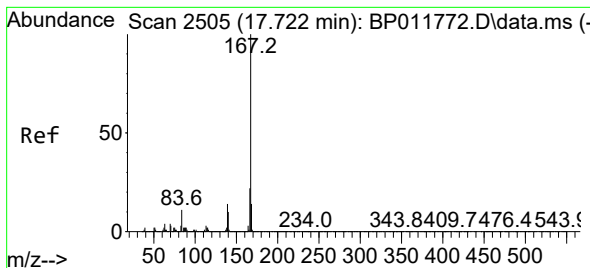
Ion Ratio Lower Upper

178 100

176 19.8 15.5 23.3

179 15.9 12.7 19.1





#73

Carbazole

Concen: 47.427 ng

RT: 17.728 min Scan# 2506

Delta R.T. 0.006 min

Lab File: BP011784.D

Acq: 23 Sep 2022 15:39

Instrument :

BNA\_P

ClientSampleId :

PB147850BS

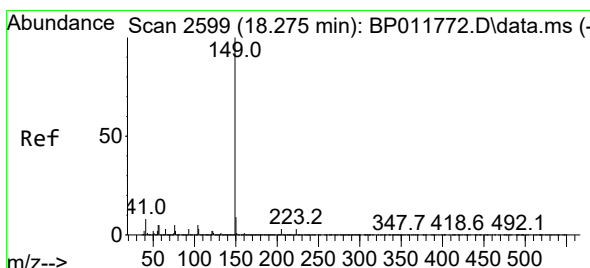
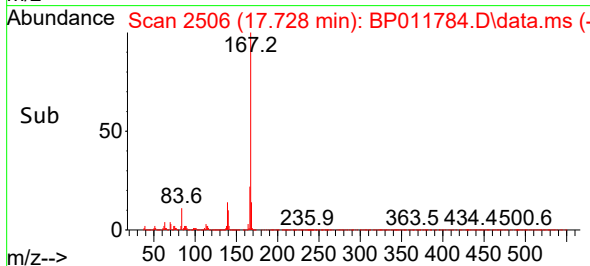
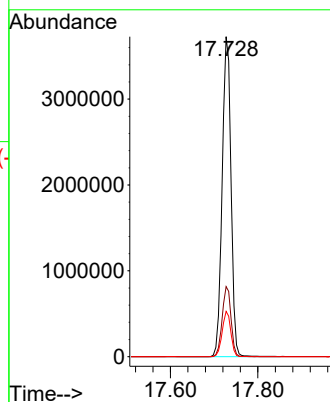
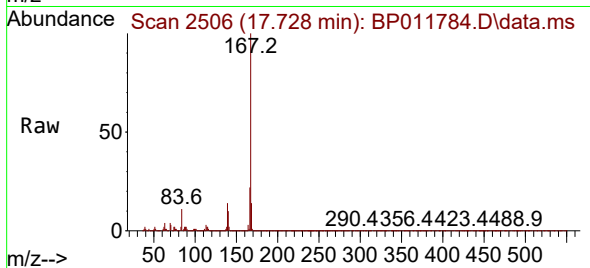
Tgt Ion:167 Resp: 5191605

Ion Ratio Lower Upper

167 100

166 21.9 17.4 26.2

139 14.1 11.0 16.6



#74

Di-n-butylphthalate

Concen: 47.147 ng

RT: 18.275 min Scan# 2599

Delta R.T. 0.000 min

Lab File: BP011784.D

Acq: 23 Sep 2022 15:39

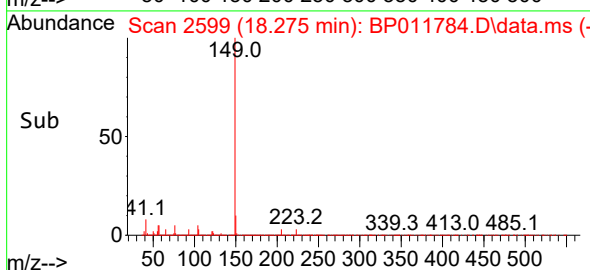
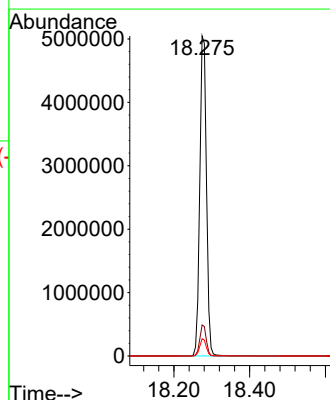
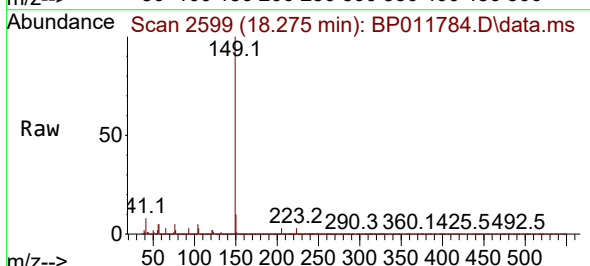
Tgt Ion:149 Resp: 6216667

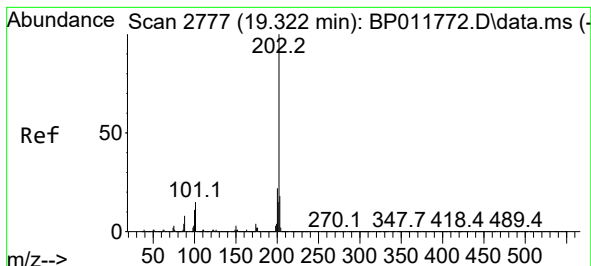
Ion Ratio Lower Upper

149 100

150 9.7 7.5 11.3

104 5.4 4.2 6.4





#75

Fluoranthene

Concen: 46.431 ng

RT: 19.327 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP011784.D

Acq: 23 Sep 2022 15:39

Instrument :

BNA\_P

ClientSampleId :

PB147850BS

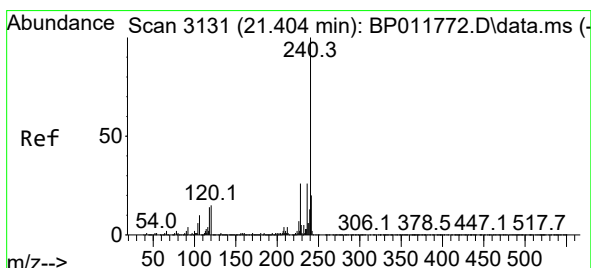
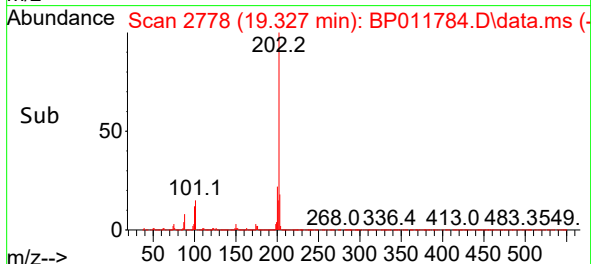
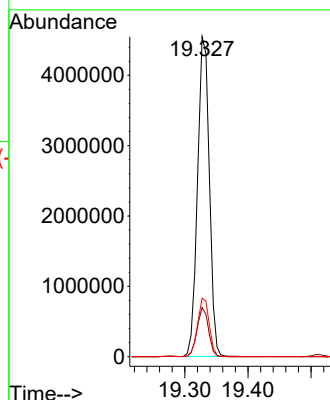
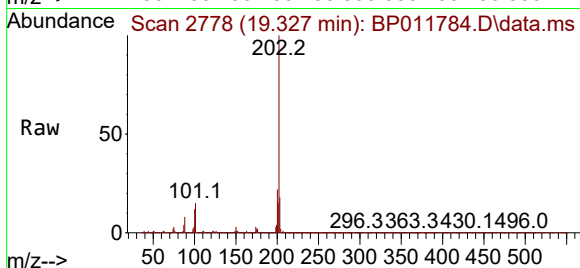
Tgt Ion:202 Resp: 5898737

Ion Ratio Lower Upper

202 100

101 15.3 0.0 35.5

203 18.3 0.0 38.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.410 min Scan# 3132

Delta R.T. 0.006 min

Lab File: BP011784.D

Acq: 23 Sep 2022 15:39

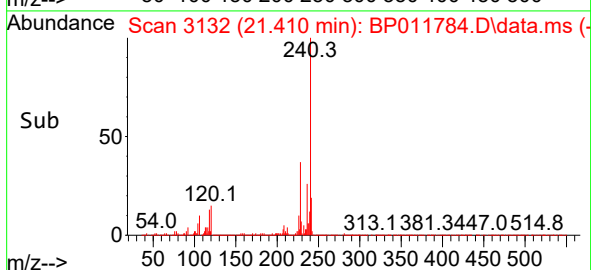
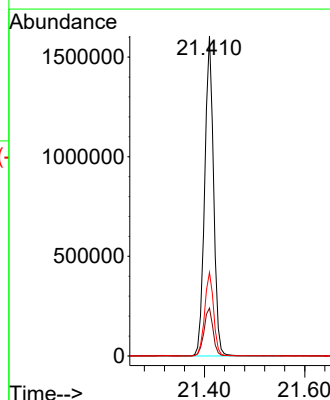
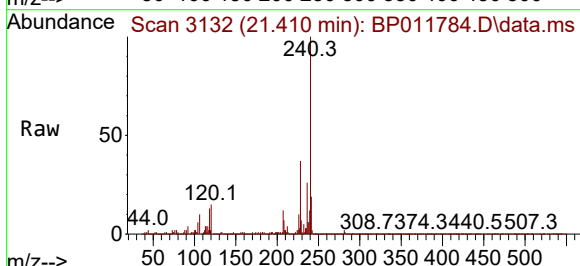
Tgt Ion:240 Resp: 1974913

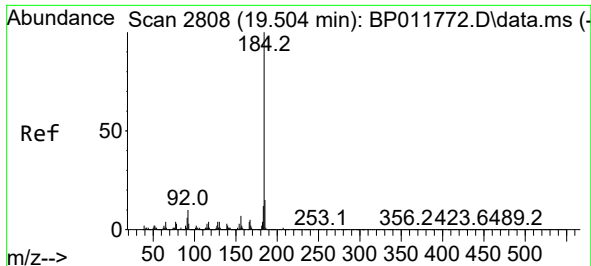
Ion Ratio Lower Upper

240 100

120 14.9 12.0 18.0

236 26.1 21.1 31.7

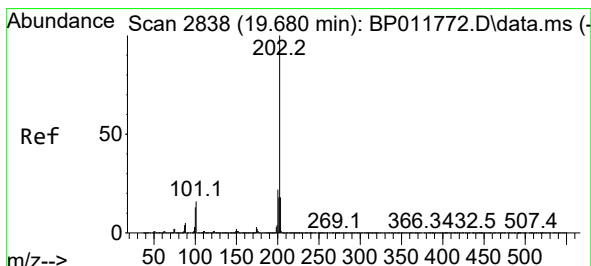
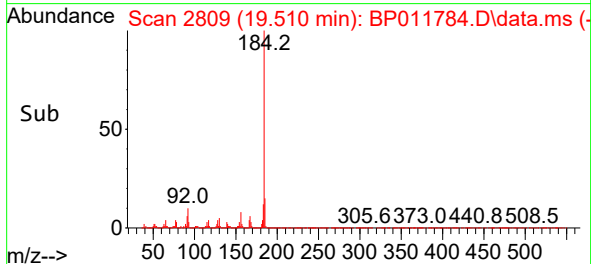
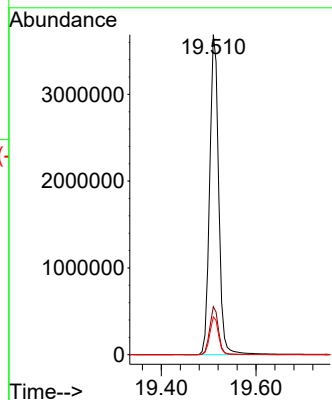
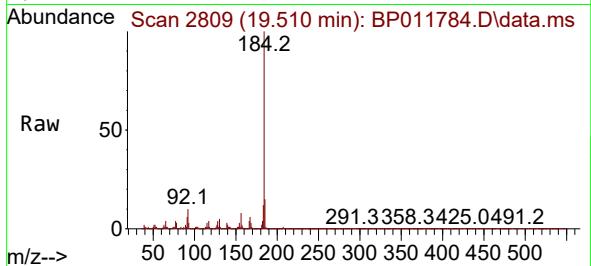




#77  
Benzidine  
Concen: 127.424 ng  
RT: 19.510 min Scan# 2809  
Delta R.T. 0.006 min  
Lab File: BP011784.D  
Acq: 23 Sep 2022 15:39

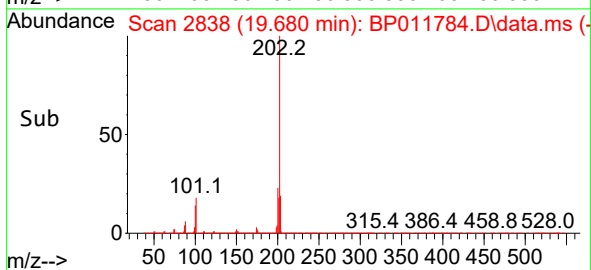
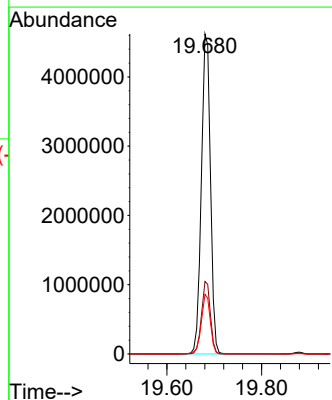
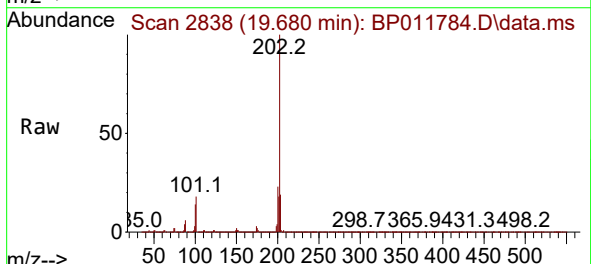
Instrument :  
BNA\_P  
ClientSampleId :  
PB147850BS

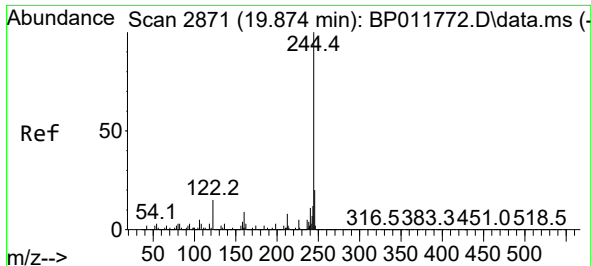
Tgt Ion:184 Resp: 4884041  
Ion Ratio Lower Upper  
184 100  
185 15.0 11.7 17.5  
183 11.8 9.3 13.9



#78  
Pyrene  
Concen: 46.712 ng  
RT: 19.680 min Scan# 2838  
Delta R.T. 0.000 min  
Lab File: BP011784.D  
Acq: 23 Sep 2022 15:39

Tgt Ion:202 Resp: 6164261  
Ion Ratio Lower Upper  
202 100  
200 22.6 17.8 26.6  
203 18.6 14.3 21.5

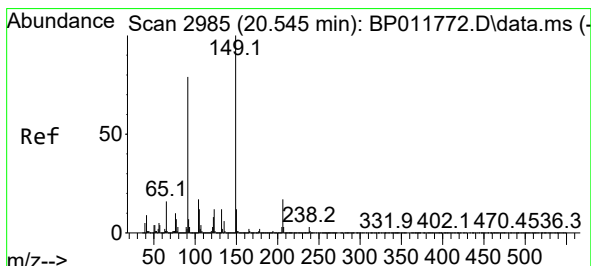
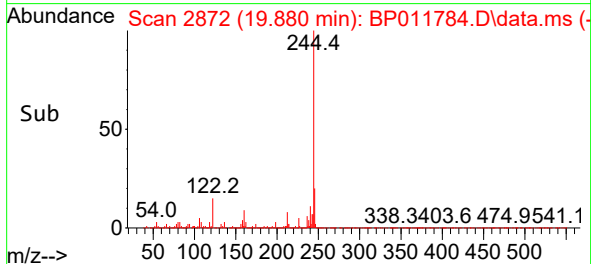
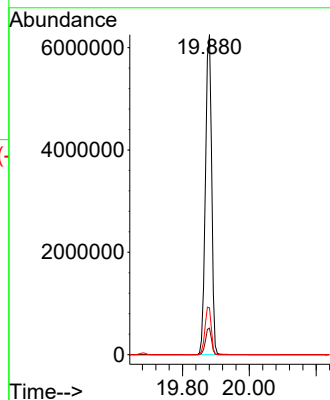
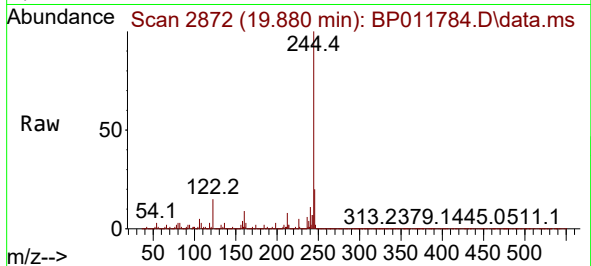




#79  
 Terphenyl-d14  
 Concen: 93.490 ng  
 RT: 19.880 min Scan# 21  
 Delta R.T. 0.006 min  
 Lab File: BP011784.D  
 Acq: 23 Sep 2022 15:39

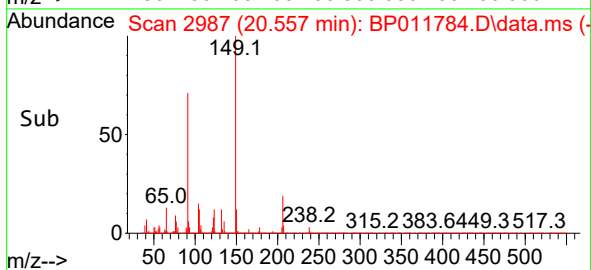
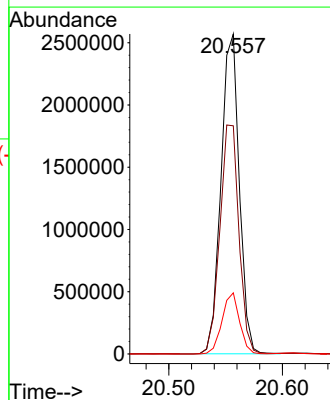
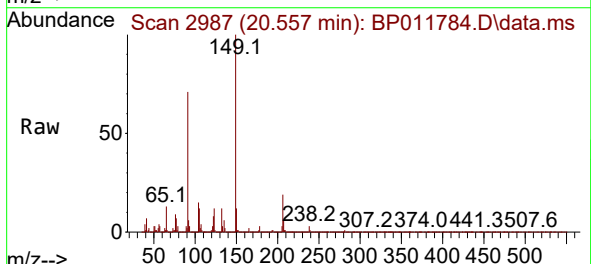
Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB147850BS

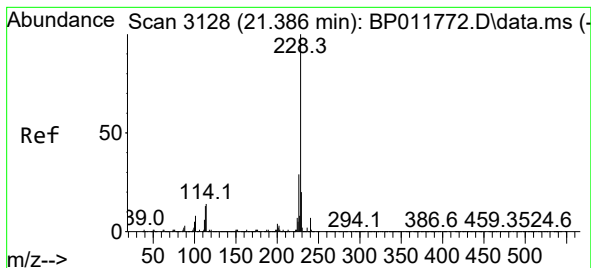
Tgt Ion:244 Resp: 8029887  
 Ion Ratio Lower Upper  
 244 100  
 212 8.3 6.5 9.7  
 122 14.7 11.8 17.8



#80  
 Butylbenzylphthalate  
 Concen: 45.006 ng  
 RT: 20.557 min Scan# 2987  
 Delta R.T. 0.012 min  
 Lab File: BP011784.D  
 Acq: 23 Sep 2022 15:39

Tgt Ion:149 Resp: 2877561  
 Ion Ratio Lower Upper  
 149 100  
 91 71.3 63.1 94.7  
 206 19.1 13.6 20.4





#81

Benzo(a)anthracene

Concen: 45.477 ng

RT: 21.392 min Scan# 3118

Delta R.T. 0.006 min

Lab File: BP011784.D

Acq: 23 Sep 2022 15:39

Instrument :

BNA\_P

ClientSampleId :

PB147850BS

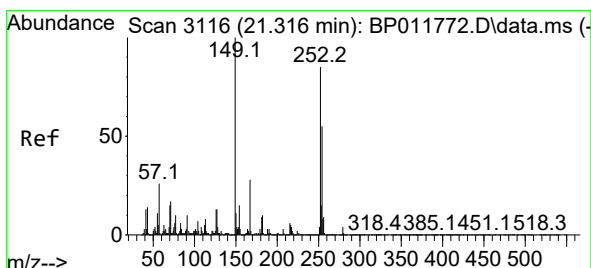
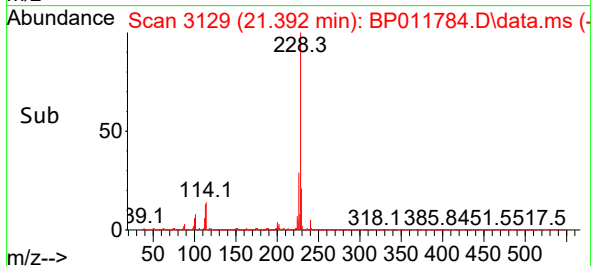
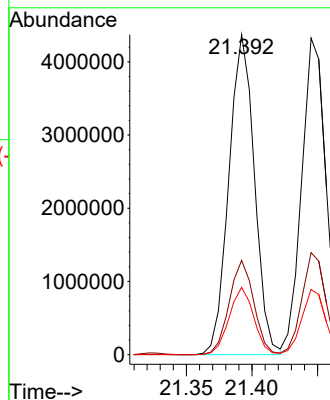
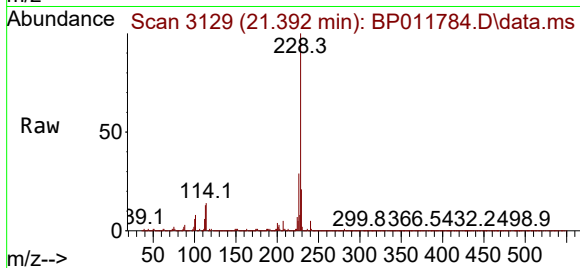
Tgt Ion:228 Resp: 5925756

Ion Ratio Lower Upper

228 100

226 29.5 23.1 34.7

229 21.1 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 43.495 ng

RT: 21.327 min Scan# 3118

Delta R.T. 0.011 min

Lab File: BP011784.D

Acq: 23 Sep 2022 15:39

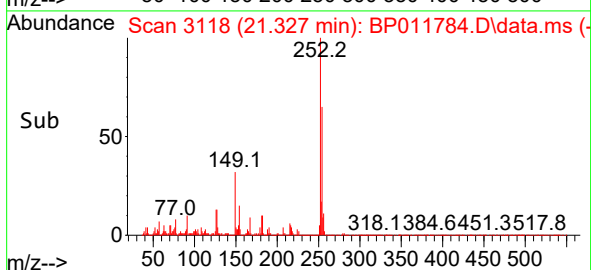
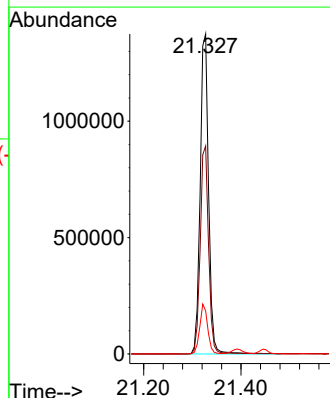
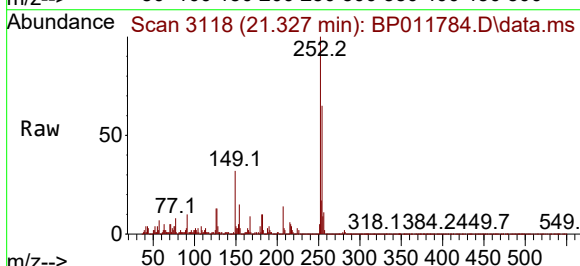
Tgt Ion:252 Resp: 1652875

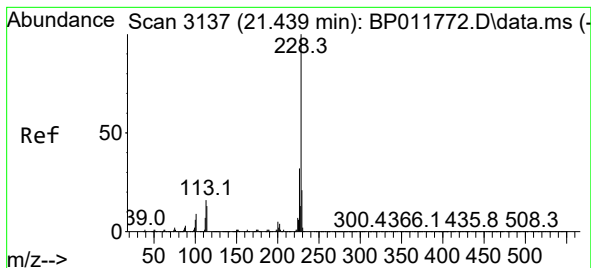
Ion Ratio Lower Upper

252 100

254 65.0 51.4 77.2

126 13.5 12.6 18.8





#83

Chrysene

Concen: 44.840 ng

RT: 21.445 min Scan# 3137

Delta R.T. 0.006 min

Lab File: BP011784.D

Acq: 23 Sep 2022 15:39

Instrument :

BNA\_P

ClientSampleId :

PB147850BS

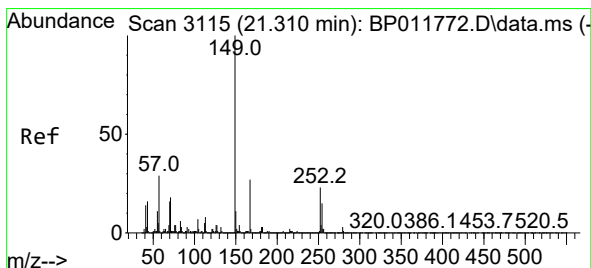
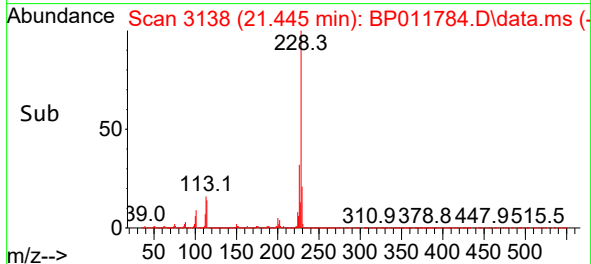
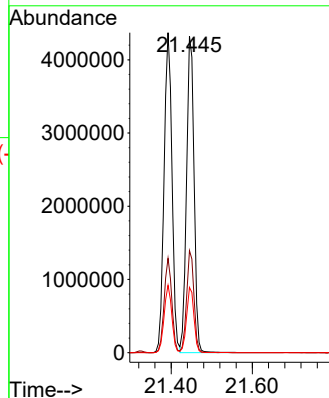
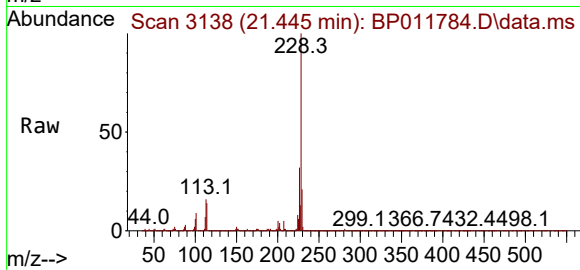
Tgt Ion:228 Resp: 5536229

Ion Ratio Lower Upper

228 100

226 32.3 25.5 38.3

229 20.6 16.4 24.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.480 ng

RT: 21.310 min Scan# 3115

Delta R.T. -0.000 min

Lab File: BP011784.D

Acq: 23 Sep 2022 15:39

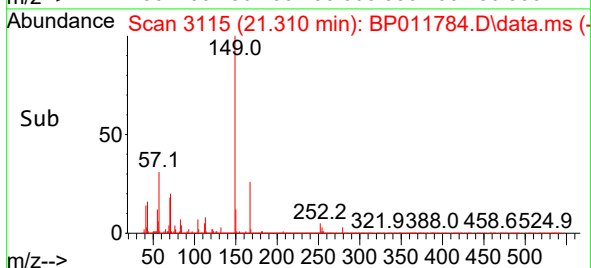
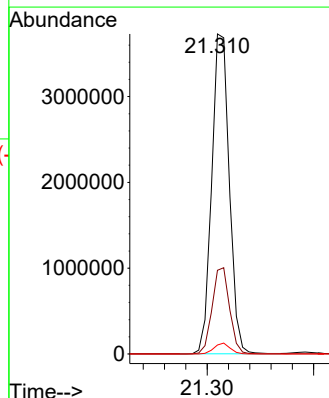
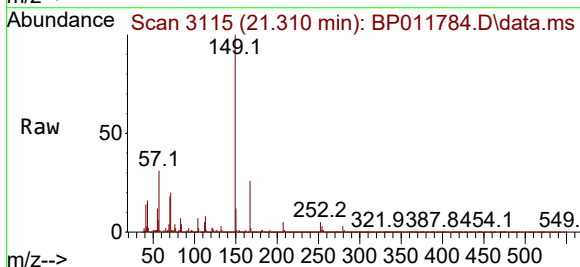
Tgt Ion:149 Resp: 4282178

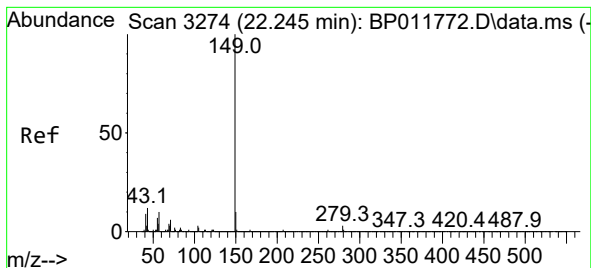
Ion Ratio Lower Upper

149 100

167 26.2 21.8 32.6

279 2.8 2.5 3.7





#85

Di-n-octyl phthalate

Concen: 47.928 ng

RT: 22.257 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP011784.D

Acq: 23 Sep 2022 15:39

Instrument :

BNA\_P

ClientSampleId :

PB147850BS

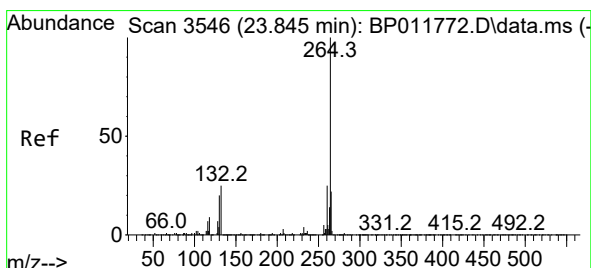
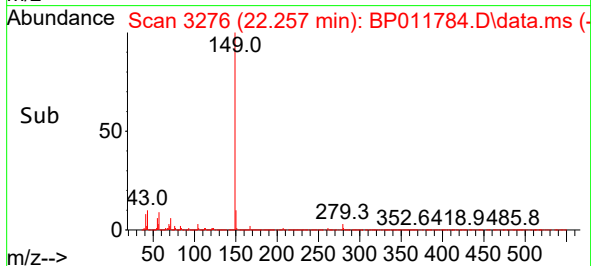
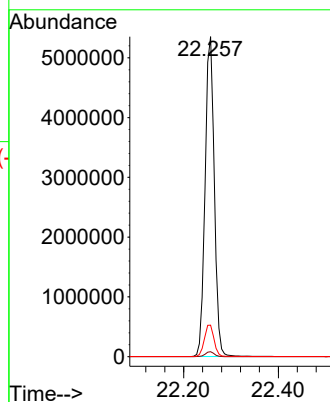
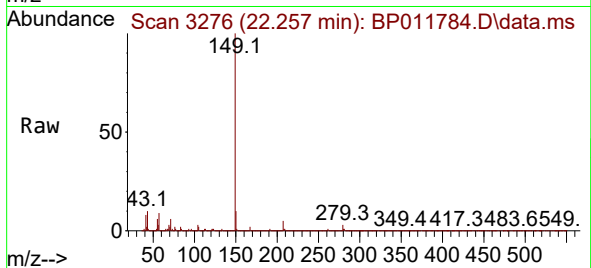
Tgt Ion:149 Resp: 7216662

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.4 9.4 14.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.857 min Scan# 3548

Delta R.T. 0.012 min

Lab File: BP011784.D

Acq: 23 Sep 2022 15:39

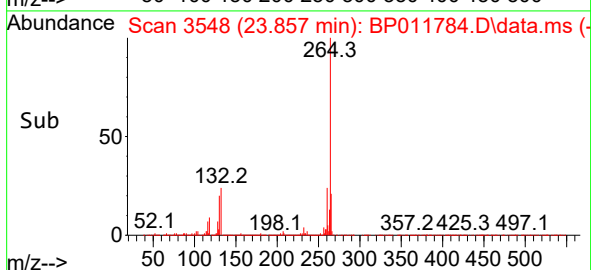
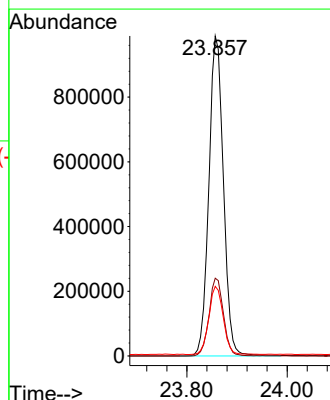
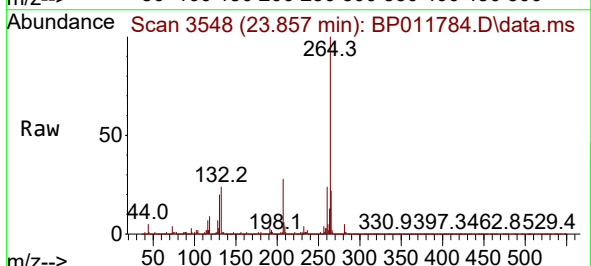
Tgt Ion:264 Resp: 1994909

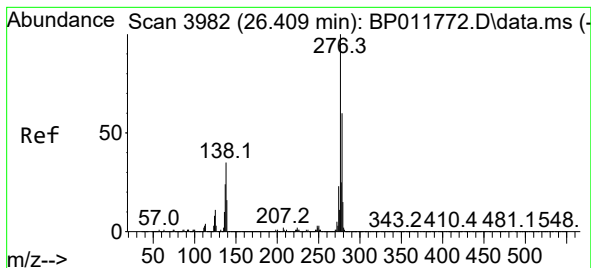
Ion Ratio Lower Upper

264 100

260 24.3 19.7 29.5

265 21.7 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 62.710 ng

RT: 26.433 min Scan# 341

Delta R.T. 0.024 min

Lab File: BP011784.D

Acq: 23 Sep 2022 15:39

Instrument :

BNA\_P

ClientSampleId :

PB147850BS

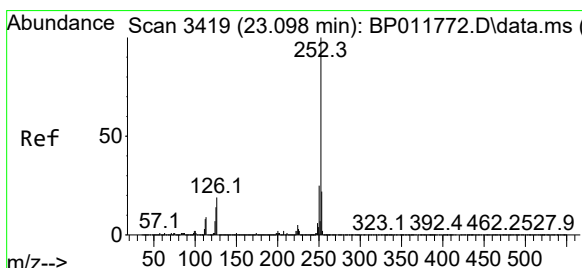
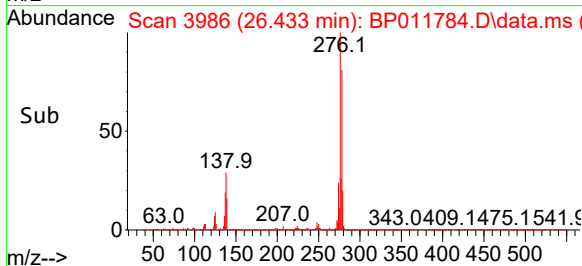
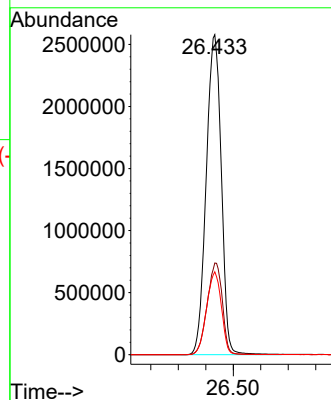
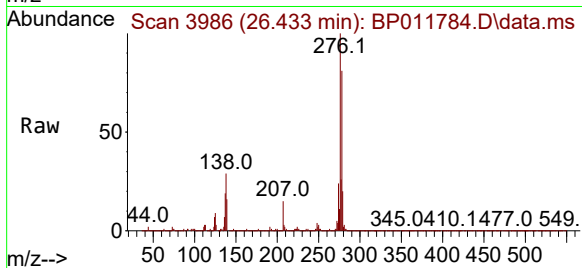
Tgt Ion:276 Resp: 9788799

Ion Ratio Lower Upper

276 100

138 28.8 29.7 44.5#

277 25.6 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 48.733 ng

RT: 23.110 min Scan# 3421

Delta R.T. 0.012 min

Lab File: BP011784.D

Acq: 23 Sep 2022 15:39

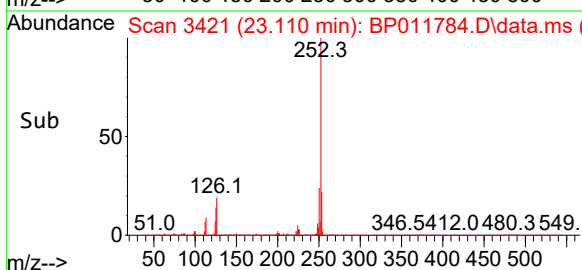
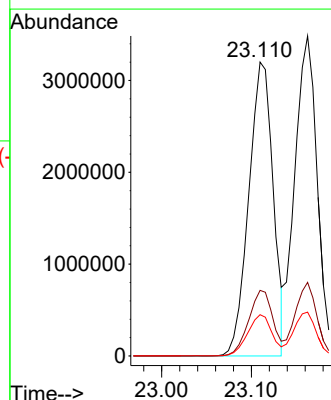
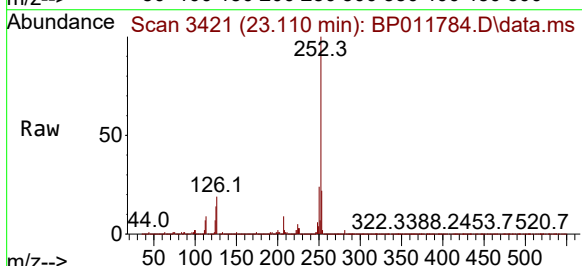
Tgt Ion:252 Resp: 6035955

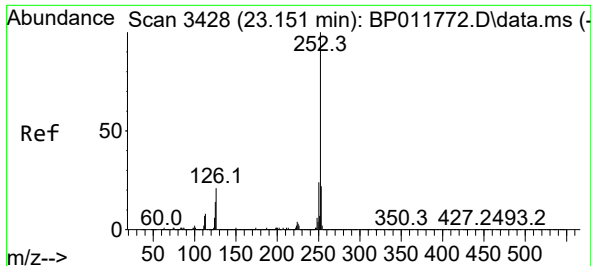
Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

125 14.1 11.6 17.4

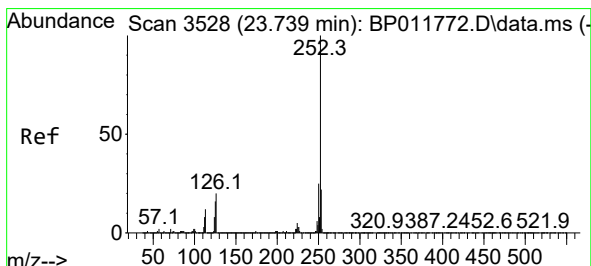
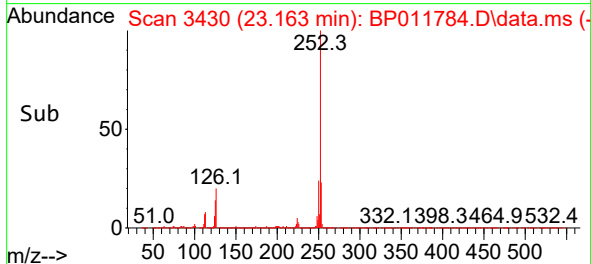
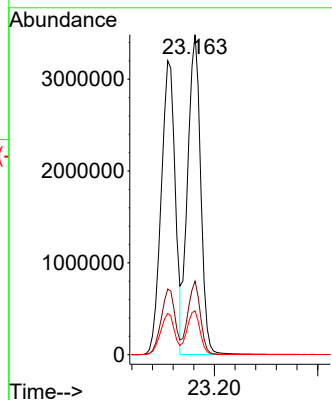
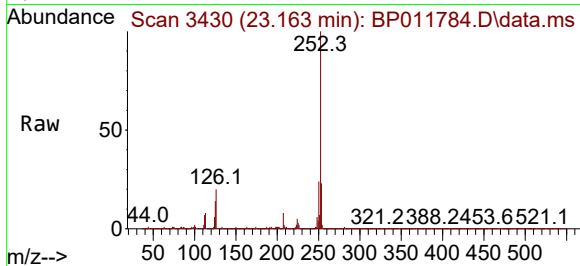




#89  
Benzo(k)fluoranthene  
Concen: 47.875 ng  
RT: 23.163 min Scan# 34  
Delta R.T. 0.012 min  
Lab File: BP011784.D  
Acq: 23 Sep 2022 15:39

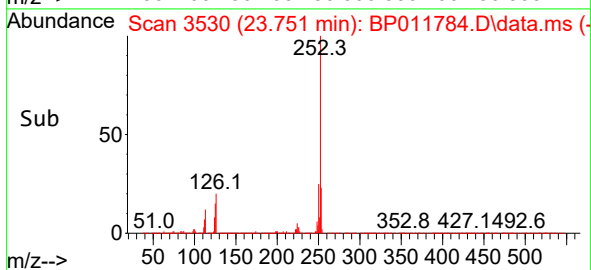
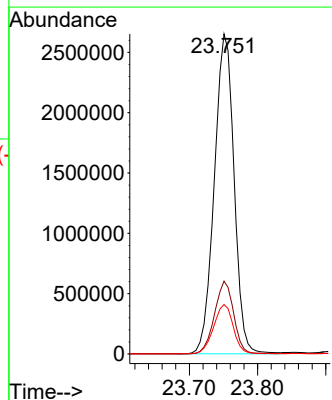
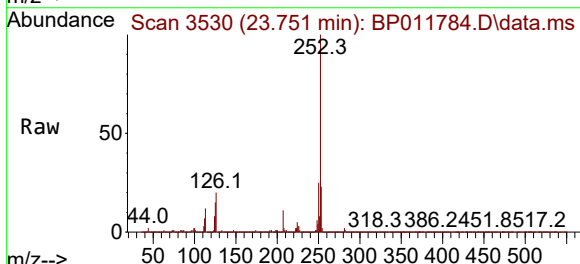
Instrument :  
BNA\_P  
ClientSampleId :  
PB147850BS

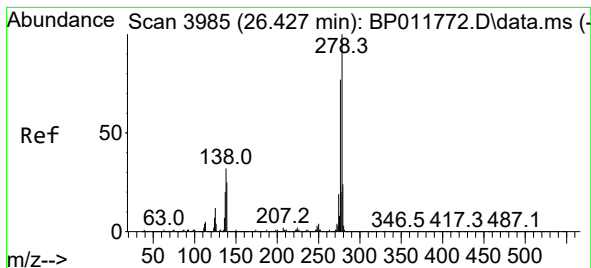
Tgt Ion:252 Resp: 6075971  
Ion Ratio Lower Upper  
252 100  
253 23.0 17.7 26.5  
125 13.7 11.2 16.8



#90  
Benzo(a)pyrene  
Concen: 51.106 ng  
RT: 23.751 min Scan# 3530  
Delta R.T. 0.012 min  
Lab File: BP011784.D  
Acq: 23 Sep 2022 15:39

Tgt Ion:252 Resp: 5355542  
Ion Ratio Lower Upper  
252 100  
253 22.8 17.7 26.5  
125 15.5 12.6 19.0





#91

Dibenzo(a,h)anthracene

Concen: 66.036 ng

RT: 26.451 min Scan# 3985

Delta R.T. 0.024 min

Lab File: BP011784.D

Acq: 23 Sep 2022 15:39

Instrument :

BNA\_P

ClientSampleId :

PB147850BS

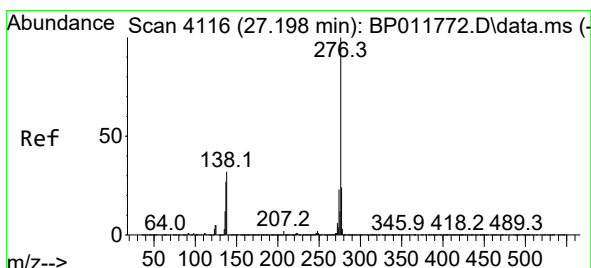
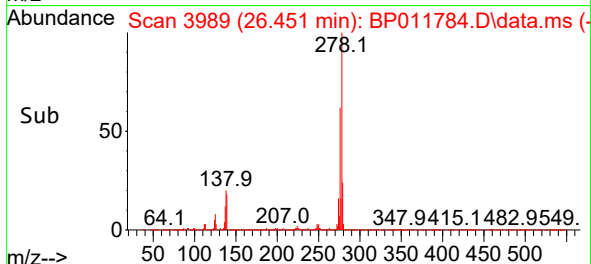
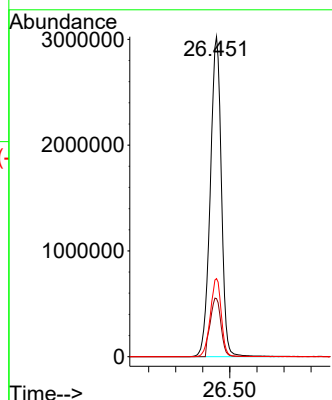
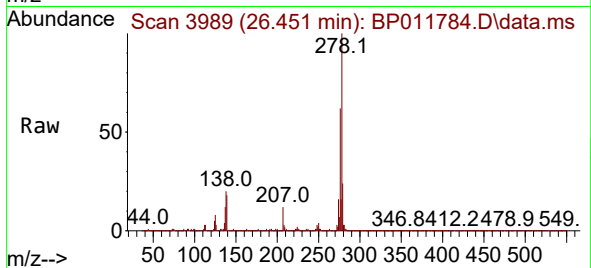
Tgt Ion:278 Resp: 8558327

Ion Ratio Lower Upper

278 100

139 18.1 19.6 29.4#

279 24.4 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 66.071 ng

RT: 27.221 min Scan# 4120

Delta R.T. 0.024 min

Lab File: BP011784.D

Acq: 23 Sep 2022 15:39

Tgt Ion:276 Resp: 8289034

Ion Ratio Lower Upper

276 100

277 24.5 19.3 28.9

138 25.1 25.6 38.4#

