

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP011723\  
 Data File : BP013488.D  
 Acq On : 17 Jan 2023 10:04  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Jan 18 03:10:09 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP011223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 13 03:32:57 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.904  | 152  | 523504   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.722 | 136  | 2190297  | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.557 | 164  | 1477589  | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.322 | 188  | 3424534  | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.416 | 240  | 3264682  | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 23.874 | 264  | 3304842  | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.463  | 112  | 2541269  | 85.272 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.075  | 99   | 3559170  | 84.489 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.081  | 82   | 3462256  | 83.980 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.057 | 330  | 1936122  | 83.944 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.181 | 172  | 8591681  | 85.001 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.874 | 244  | 12353390 | 77.360 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.328  | 88   | 503514   | 43.086 | ng    | 99       |
| 3) Pyridine                   | 3.740  | 79   | 1485848  | 40.784 | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.652  | 42   | 768488   | 43.988 | ng    | 99       |
| 6) Aniline                    | 7.234  | 93   | 2356318  | 41.859 | ng    | 99       |
| 8) 2-Chlorophenol             | 7.469  | 128  | 1430385  | 41.473 | ng    | 99       |
| 9) Benzaldehyde               | 7.046  | 77   | 1014231  | 39.884 | ng    | 99       |
| 10) Phenol                    | 7.099  | 94   | 1838654  | 42.286 | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.328  | 93   | 1480554  | 42.006 | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 7.793  | 146  | 1520438  | 41.843 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.946  | 146  | 1544587  | 41.709 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.263  | 146  | 1490705  | 41.203 | ng    | 99       |
| 15) Benzyl Alcohol            | 8.152  | 79   | 1355252  | 41.752 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.440  | 45   | 2289359  | 41.983 | ng    | 99       |
| 17) 2-Methylphenol            | 8.357  | 107  | 1332842  | 41.407 | ng    | 97       |
| 18) Hexachloroethane          | 8.987  | 117  | 546107   | 41.641 | ng    | 95       |
| 19) n-Nitroso-di-n-propyla... | 8.722  | 70   | 1274843  | 42.400 | ng    | 100      |
| 20) 3+4-Methylphenols         | 8.687  | 107  | 1860014  | 41.592 | ng    | 98       |
| 22) Acetophenone              | 8.740  | 105  | 2333837  | 41.607 | ng    | 99       |
| 24) Nitrobenzene              | 9.122  | 77   | 1777025  | 41.671 | ng    | 99       |
| 25) Isophorone                | 9.651  | 82   | 3514260  | 41.412 | ng    | 99       |
| 26) 2-Nitrophenol             | 9.834  | 139  | 870639   | 41.302 | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 9.893  | 122  | 1442991  | 41.582 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 10.128 | 93   | 2083903  | 41.637 | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 10.369 | 162  | 1522746  | 41.817 | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.581 | 180  | 1603708  | 41.614 | ng    | 99       |
| 31) Naphthalene               | 10.769 | 128  | 4794080  | 41.392 | ng    | 99       |
| 32) Benzoic acid              | 10.051 | 122  | 1264545  | 43.689 | ng    | 98       |
| 33) 4-Chloroaniline           | 10.887 | 127  | 2193218  | 41.453 | ng    | 99       |
| 34) Hexachlorobutadiene       | 11.051 | 225  | 1026948  | 42.274 | ng    | 100      |
| 35) Caprolactam               | 11.698 | 113  | 534854   | 41.222 | ng    | 96       |
| 36) 4-Chloro-3-methylphenol   | 12.010 | 107  | 1657058  | 41.759 | ng    | 100      |
| 37) 2-Methylnaphthalene       | 12.381 | 142  | 3622471  | 41.660 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 12.598 | 142  | 3411133  | 41.585 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.745 | 216  | 2041010  | 42.142 | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 12.722 | 237  | 1118716  | 44.300 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.992 | 196  | 1398331  | 41.992 | ng    | 100      |

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Quant Time: Jan 18 03:10:09 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP011223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 13 03:32:57 2023  
 Response via : Initial Calibration

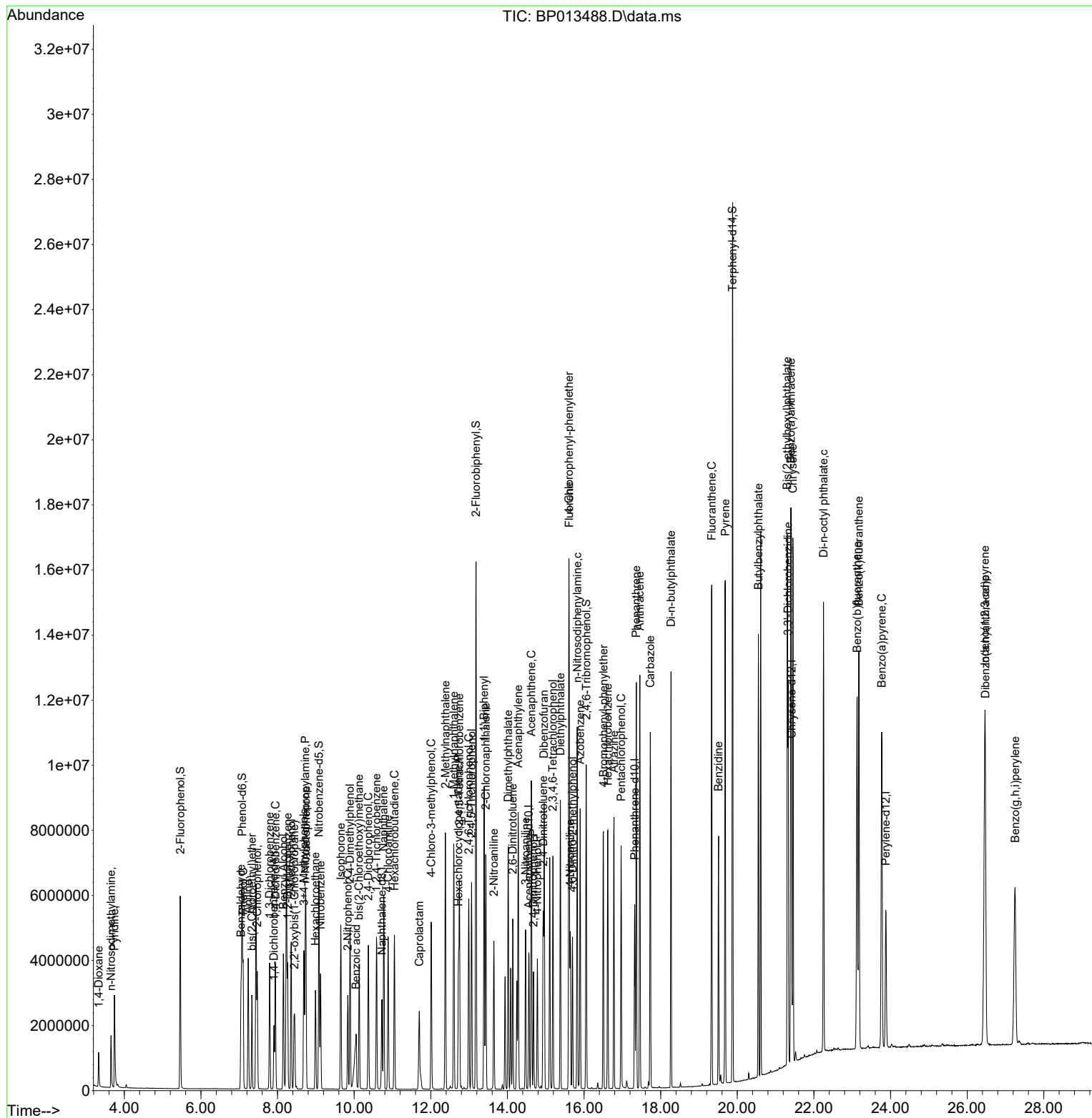
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.063 | 196  | 1655187  | 42.360 | ng    | 100      |
| 46) 1,1'-Biphenyl             | 13.392 | 154  | 4631125  | 41.456 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 13.434 | 162  | 3532346  | 41.227 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.645 | 65   | 1191866  | 42.262 | ng    | 97       |
| 49) Acenaphthylene            | 14.281 | 152  | 5835458  | 41.300 | ng    | 100      |
| 50) Dimethylphthalate         | 14.022 | 163  | 4893697  | 41.767 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.139 | 165  | 1076291  | 42.110 | ng    | 97       |
| 52) Acenaphthene              | 14.622 | 154  | 3465241  | 41.436 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.475 | 138  | 1158014  | 42.348 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 14.681 | 184  | 735622   | 42.356 | ng    | 100      |
| 55) Dibenzofuran              | 14.957 | 168  | 5746039  | 41.441 | ng    | 100      |
| 56) 4-Nitrophenol             | 14.781 | 139  | 936438   | 42.621 | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 14.934 | 165  | 1478698  | 42.307 | ng    | 100      |
| 58) Fluorene                  | 15.610 | 166  | 4629057  | 42.306 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.186 | 232  | 1428527  | 42.278 | ng    | 99       |
| 60) Diethylphthalate          | 15.381 | 149  | 4824683  | 42.080 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.604 | 204  | 2479920  | 42.677 | ng    | 99       |
| 62) 4-Nitroaniline            | 15.639 | 138  | 1191141  | 42.546 | ng    | 97       |
| 63) Azobenzene                | 15.898 | 77   | 4441006  | 42.184 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.698 | 198  | 994638   | 42.469 | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 15.822 | 169  | 4151156  | 41.253 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 16.504 | 248  | 1636486  | 41.511 | ng    | 97       |
| 68) Hexachlorobenzene         | 16.622 | 284  | 1760475  | 41.008 | ng    | 98       |
| 69) Atrazine                  | 16.780 | 200  | 1541791  | 41.834 | ng    | 99       |
| 70) Pentachlorophenol         | 16.969 | 266  | 1358146  | 43.165 | ng    | 100      |
| 71) Phenanthrene              | 17.363 | 178  | 7464553  | 41.312 | ng    | 100      |
| 72) Anthracene                | 17.457 | 178  | 7662348  | 41.674 | ng    | 100      |
| 73) Carbazole                 | 17.727 | 167  | 6924178  | 41.348 | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.269 | 149  | 8325270  | 42.831 | ng    | 100      |
| 75) Fluoranthene              | 19.333 | 202  | 9173423  | 42.266 | ng    | 99       |
| 77) Benzidine                 | 19.510 | 184  | 3987238  | 41.103 | ng    | 100      |
| 78) Pyrene                    | 19.686 | 202  | 9456812  | 44.042 | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.551 | 149  | 3873684  | 41.734 | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.398 | 228  | 9366087  | 42.600 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.327 | 252  | 3325507  | 40.485 | ng    | 100      |
| 83) Chrysene                  | 21.451 | 228  | 8775325  | 42.243 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.304 | 149  | 5532805  | 41.192 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.251 | 149  | 9012336  | 39.524 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 26.462 | 276  | 8593163  | 35.955 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 23.127 | 252  | 8737742  | 44.529 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 23.174 | 252  | 8484898  | 44.550 | ng    | 100      |
| 90) Benzo(a)pyrene            | 23.768 | 252  | 8150088  | 42.279 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 26.474 | 278  | 7146021  | 35.911 | ng    | 100      |
| 92) Benzo(g,h,i)perylene      | 27.250 | 276  | 6836835  | 34.820 | ng    | 98       |

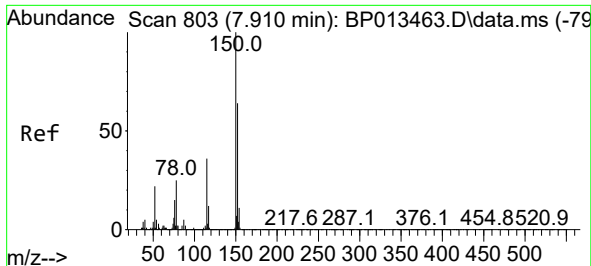
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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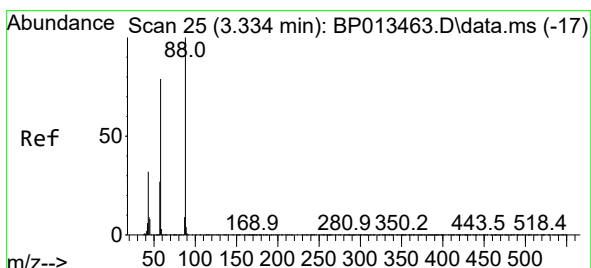
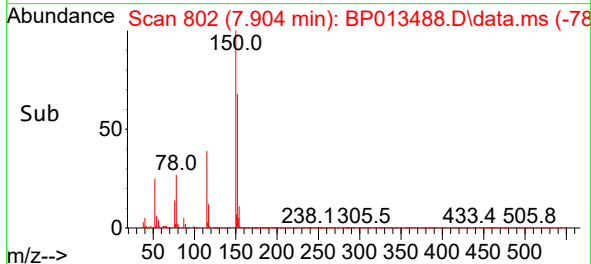
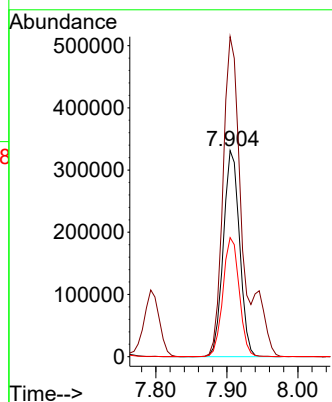
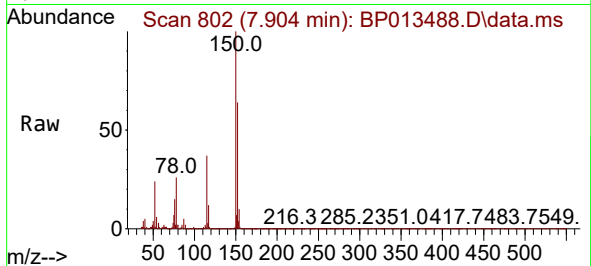




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.904 min Scan# 80  
Delta R.T. -0.006 min  
Lab File: BP013488.D  
Acq: 17 Jan 2023 10:04

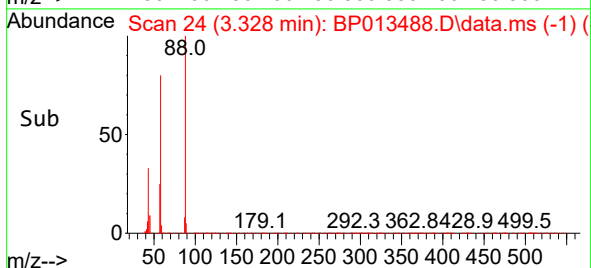
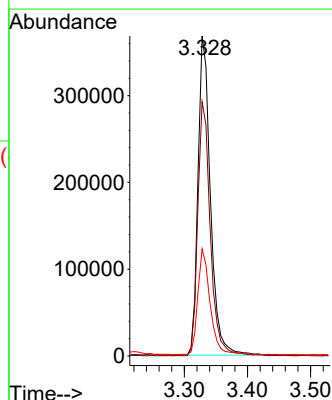
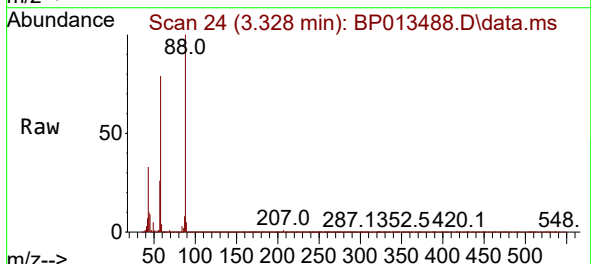
Instrument :  
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ClientSampleId :  
SSTDCCC040

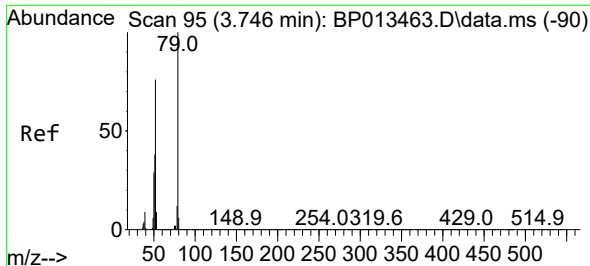
Tgt Ion:152 Resp: 523504  
Ion Ratio Lower Upper  
152 100  
150 155.2 125.7 188.5  
115 57.8 45.8 68.8



#2  
1,4-Dioxane  
Concen: 43.086 ng  
RT: 3.328 min Scan# 24  
Delta R.T. -0.006 min  
Lab File: BP013488.D  
Acq: 17 Jan 2023 10:04

Tgt Ion: 88 Resp: 503514  
Ion Ratio Lower Upper  
88 100  
58 79.9 63.4 95.0  
43 32.6 26.2 39.4

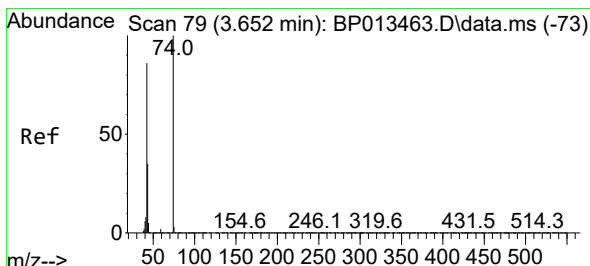
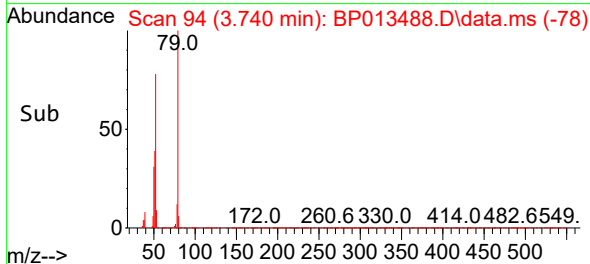
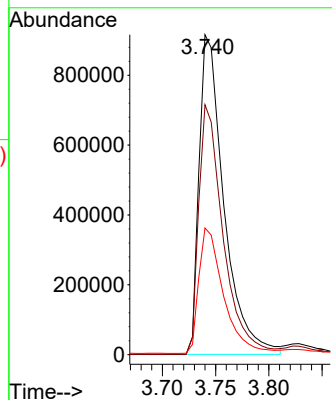
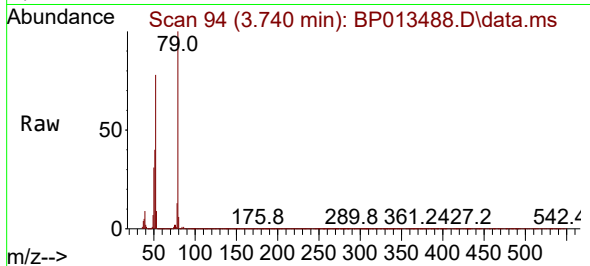




#3  
 Pyridine  
 Concen: 40.784 ng  
 RT: 3.740 min Scan# 94  
 Delta R.T. -0.006 min  
 Lab File: BP013488.D  
 Acq: 17 Jan 2023 10:04

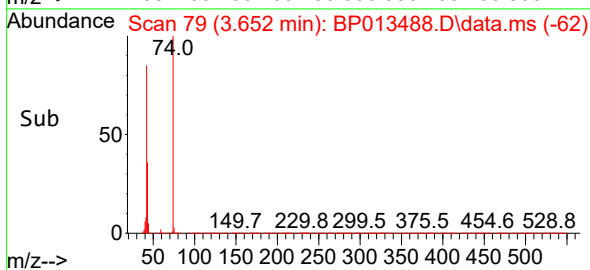
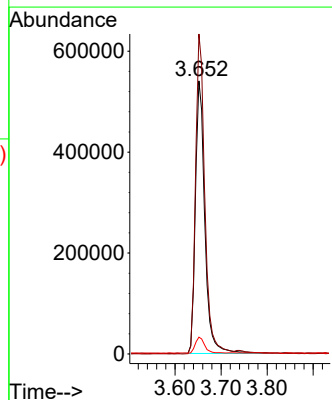
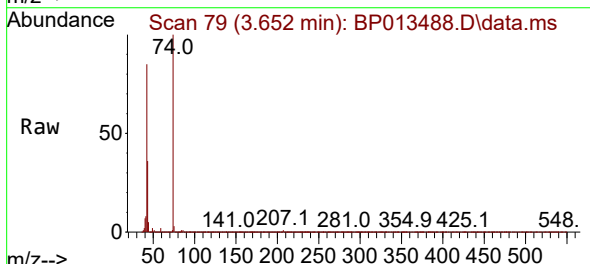
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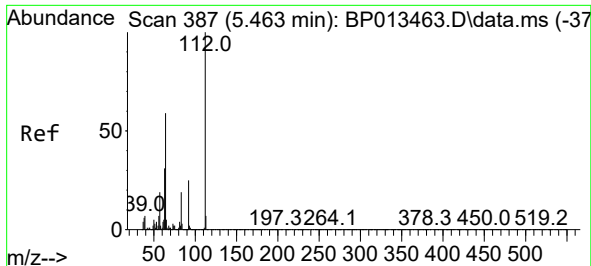
Tgt Ion: 79 Resp: 1485848  
 Ion Ratio Lower Upper  
 79 100  
 52 78.1 60.6 91.0  
 51 39.6 31.0 46.4



#4  
 n-Nitrosodimethylamine  
 Concen: 43.988 ng  
 RT: 3.652 min Scan# 79  
 Delta R.T. -0.000 min  
 Lab File: BP013488.D  
 Acq: 17 Jan 2023 10:04

Tgt Ion: 42 Resp: 768488  
 Ion Ratio Lower Upper  
 42 100  
 74 117.2 93.3 139.9  
 44 6.2 5.1 7.7

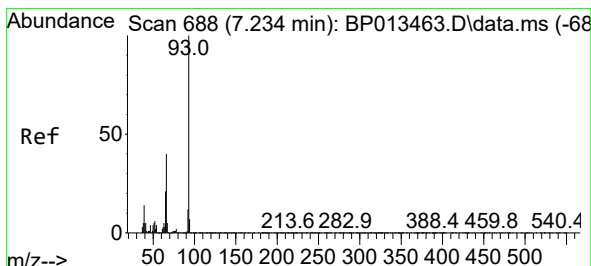
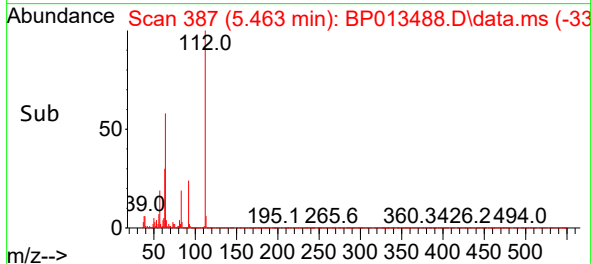
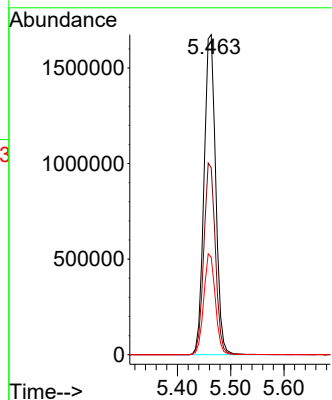
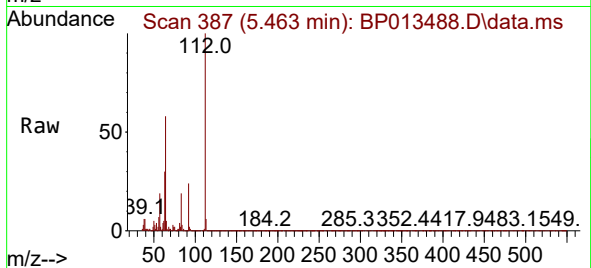




#5  
2-Fluorophenol  
Concen: 85.272 ng  
RT: 5.463 min Scan# 387  
Delta R.T. -0.000 min  
Lab File: BP013488.D  
Acq: 17 Jan 2023 10:04

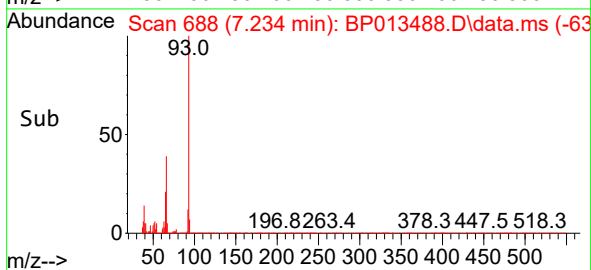
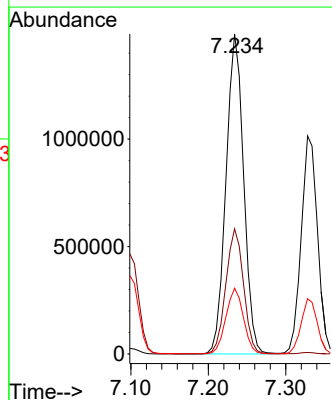
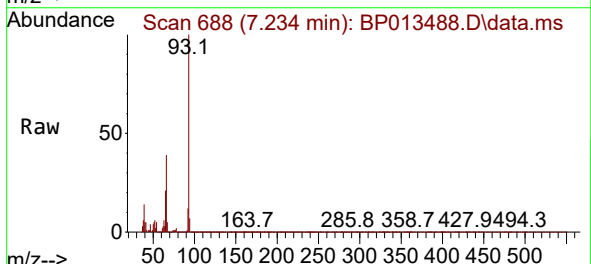
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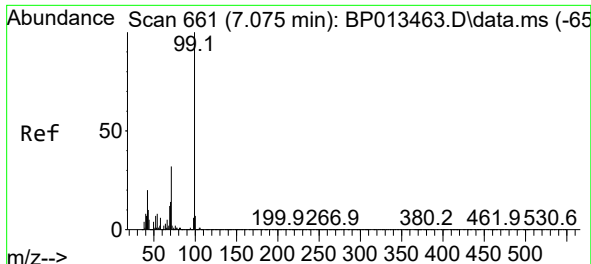
Tgt Ion:112 Resp: 2541269  
Ion Ratio Lower Upper  
112 100  
64 58.4 47.5 71.3  
63 30.4 25.0 37.4



#6  
Aniline  
Concen: 41.859 ng  
RT: 7.234 min Scan# 688  
Delta R.T. -0.000 min  
Lab File: BP013488.D  
Acq: 17 Jan 2023 10:04

Tgt Ion: 93 Resp: 2356318  
Ion Ratio Lower Upper  
93 100  
66 39.1 31.9 47.9  
65 20.6 16.6 25.0

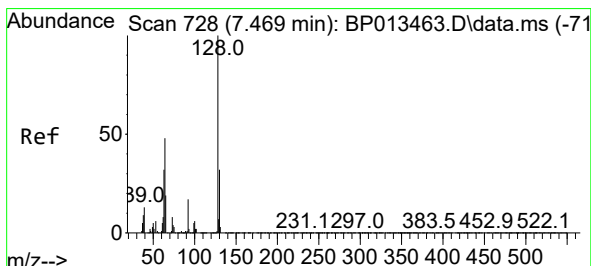
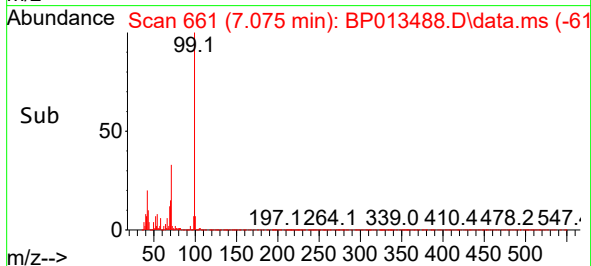
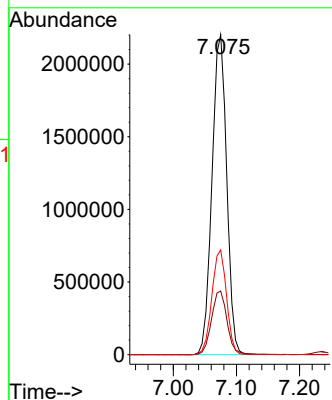
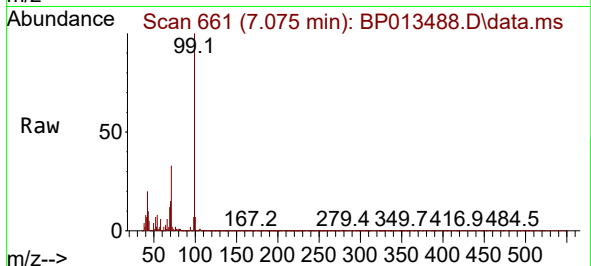




#7  
Phenol-d6  
Concen: 84.489 ng  
RT: 7.075 min Scan# 661  
Delta R.T. -0.000 min  
Lab File: BP013488.D  
Acq: 17 Jan 2023 10:04

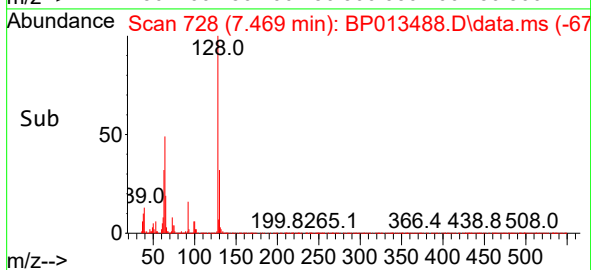
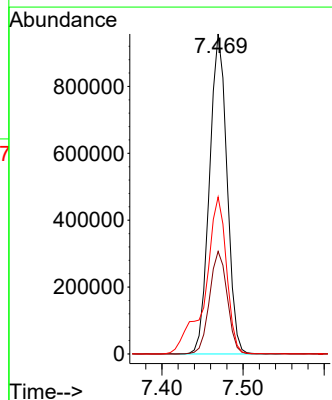
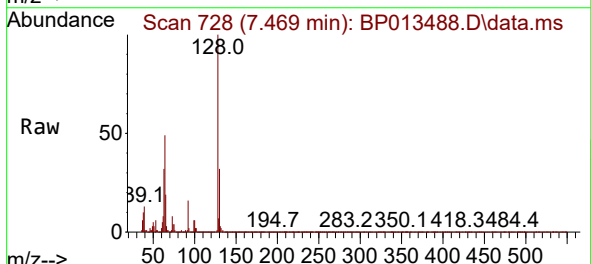
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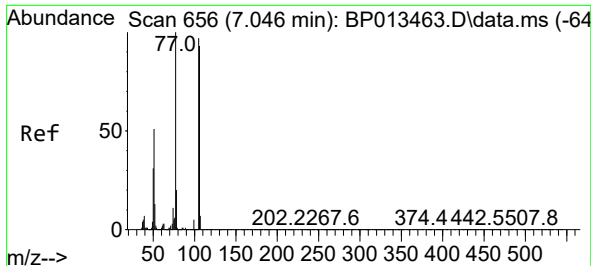
Tgt Ion: 99 Resp: 3559170  
Ion Ratio Lower Upper  
99 100  
42 19.9 15.8 23.6  
71 32.7 25.6 38.4



#8  
2-Chlorophenol  
Concen: 41.473 ng  
RT: 7.469 min Scan# 728  
Delta R.T. -0.000 min  
Lab File: BP013488.D  
Acq: 17 Jan 2023 10:04

Tgt Ion: 128 Resp: 1430385  
Ion Ratio Lower Upper  
128 100  
130 32.1 11.7 51.7  
64 49.0 28.6 68.6

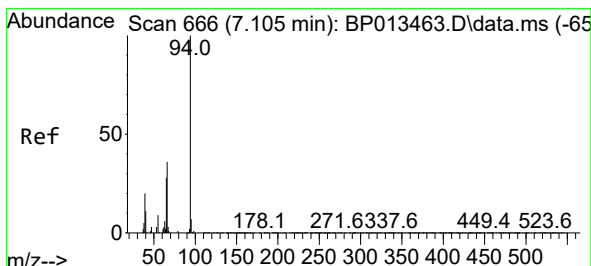
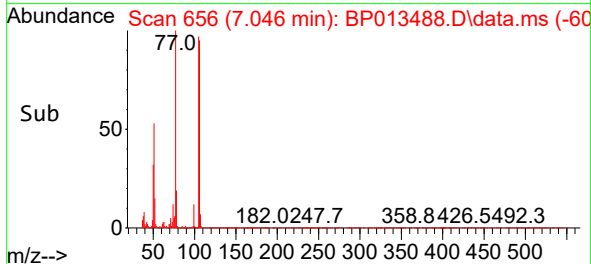
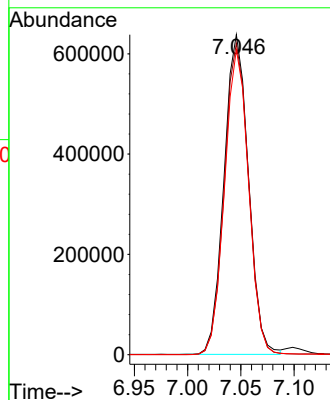
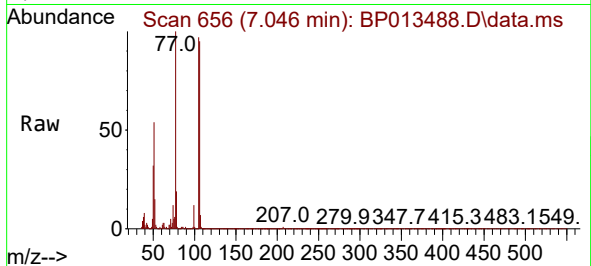




#9  
Benzaldehyde  
Concen: 39.884 ng  
RT: 7.046 min Scan# 610  
Delta R.T. -0.000 min  
Lab File: BP013488.D  
Acq: 17 Jan 2023 10:04

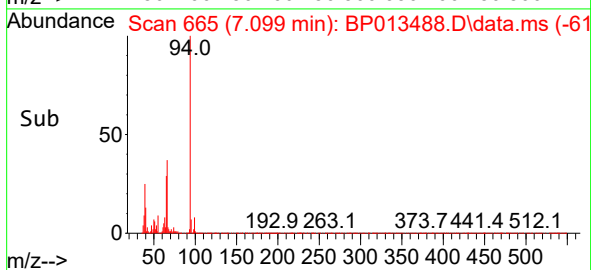
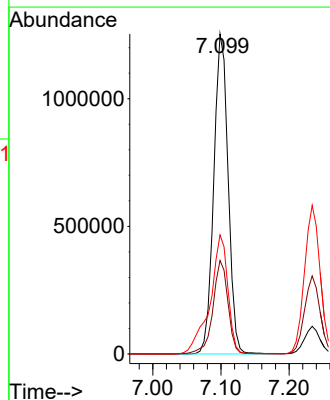
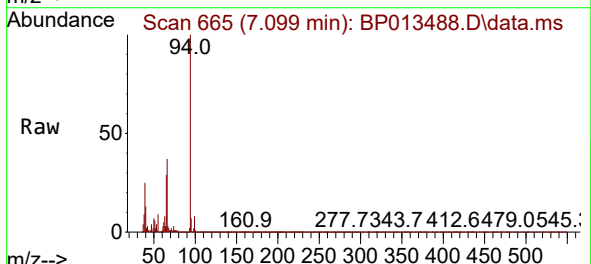
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

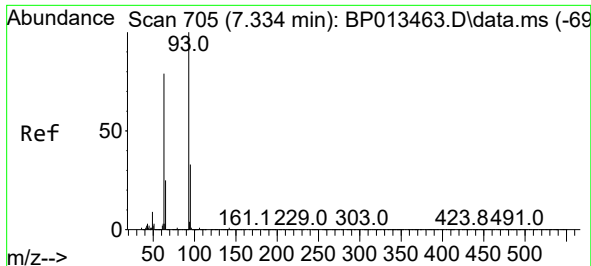
Tgt Ion: 77 Resp: 1014231  
Ion Ratio Lower Upper  
77 100  
105 97.4 77.3 117.3  
106 95.3 73.1 113.1



#10  
Phenol  
Concen: 42.286 ng  
RT: 7.099 min Scan# 665  
Delta R.T. -0.006 min  
Lab File: BP013488.D  
Acq: 17 Jan 2023 10:04

Tgt Ion: 94 Resp: 1838654  
Ion Ratio Lower Upper  
94 100  
65 29.2 8.3 48.3  
66 37.2 16.6 56.6

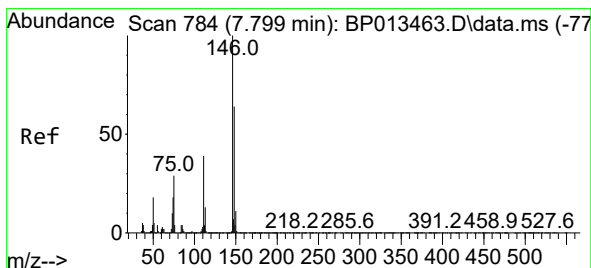
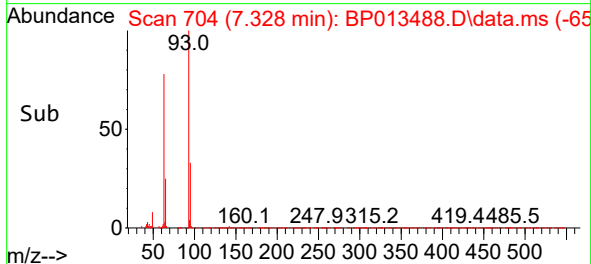
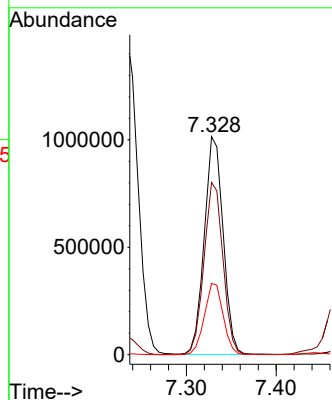
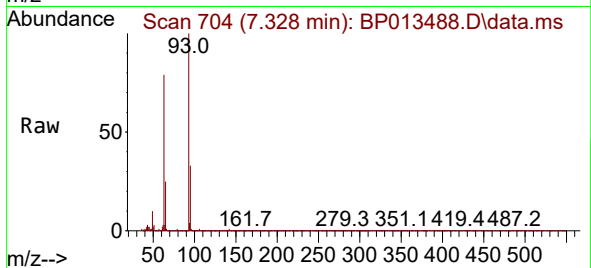




#11  
bis(2-Chloroethyl)ether  
Concen: 42.006 ng  
RT: 7.328 min Scan# 704  
Delta R.T. -0.006 min  
Lab File: BP013488.D  
Acq: 17 Jan 2023 10:04

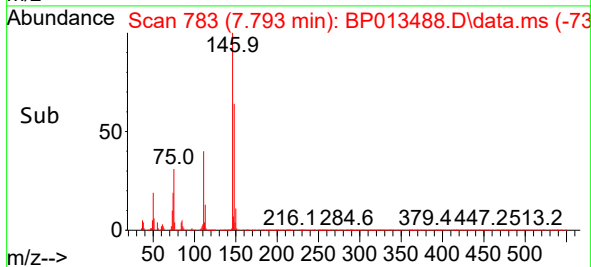
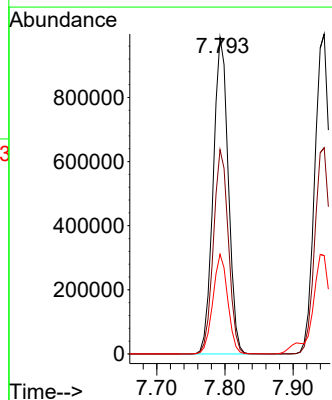
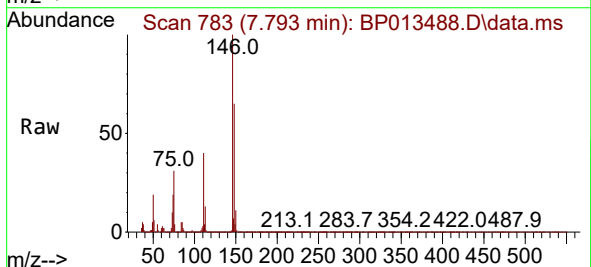
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

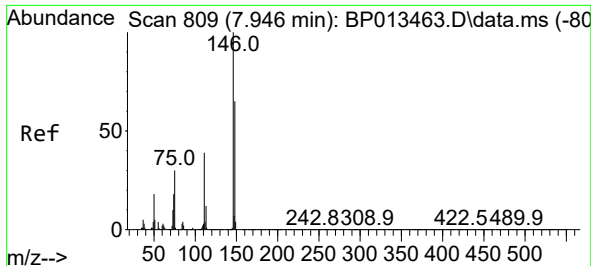
Tgt Ion: 93 Resp: 1480554  
Ion Ratio Lower Upper  
93 100  
63 79.0 59.3 99.3  
95 32.7 12.8 52.8



#12  
1,3-Dichlorobenzene  
Concen: 41.843 ng  
RT: 7.793 min Scan# 783  
Delta R.T. -0.006 min  
Lab File: BP013488.D  
Acq: 17 Jan 2023 10:04

Tgt Ion:146 Resp: 1520438  
Ion Ratio Lower Upper  
146 100  
148 64.5 51.5 77.3  
75 31.5 23.6 35.4

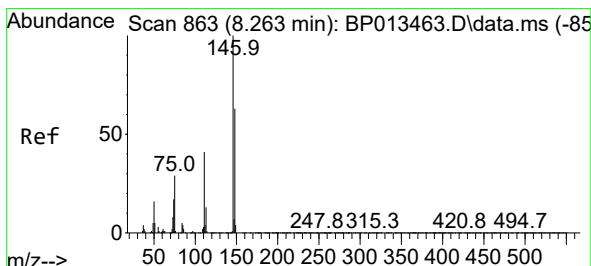
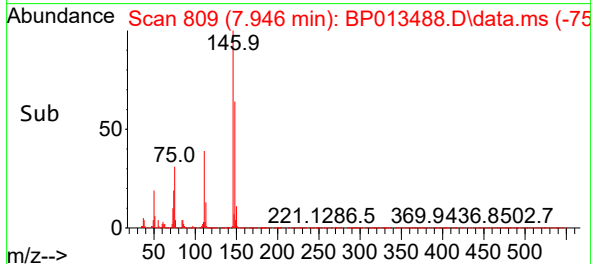
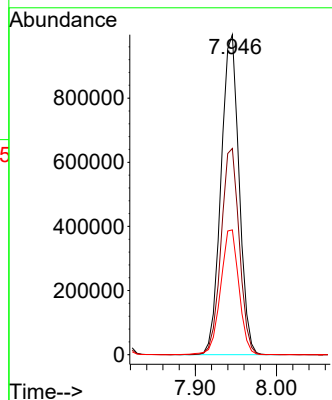
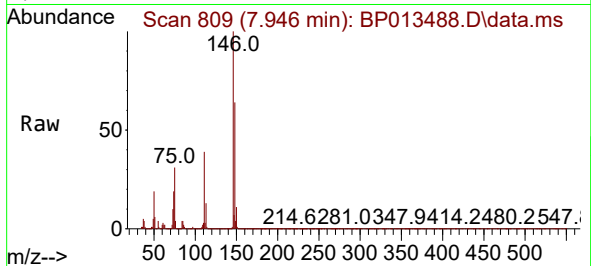




#13  
1,4-Dichlorobenzene  
Concen: 41.709 ng  
RT: 7.946 min Scan# 809  
Delta R.T. -0.000 min  
Lab File: BP013488.D  
Acq: 17 Jan 2023 10:04

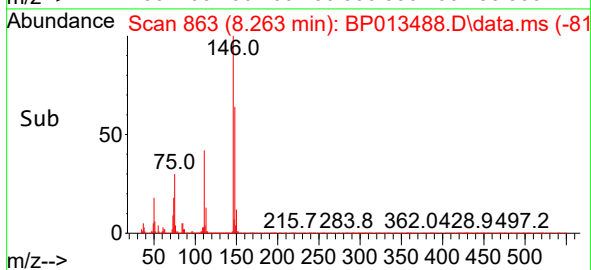
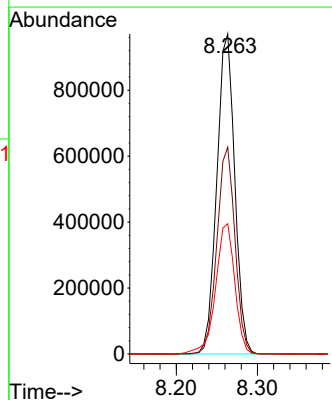
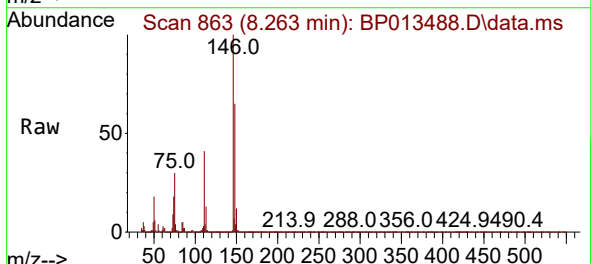
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

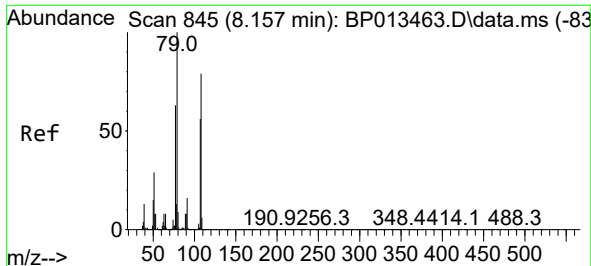
Tgt Ion:146 Resp: 1544587  
Ion Ratio Lower Upper  
146 100  
148 64.5 52.0 78.0  
111 39.0 31.4 47.2



#14  
1,2-Dichlorobenzene  
Concen: 41.203 ng  
RT: 8.263 min Scan# 863  
Delta R.T. -0.000 min  
Lab File: BP013488.D  
Acq: 17 Jan 2023 10:04

Tgt Ion:146 Resp: 1490705  
Ion Ratio Lower Upper  
146 100  
148 64.7 50.9 76.3  
111 40.7 32.7 49.1

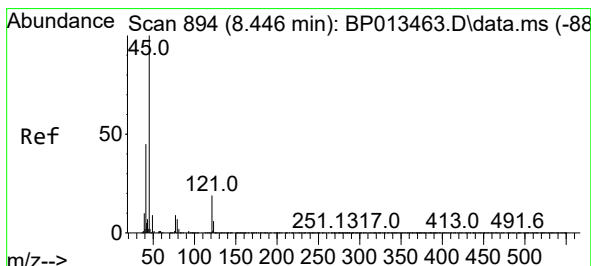
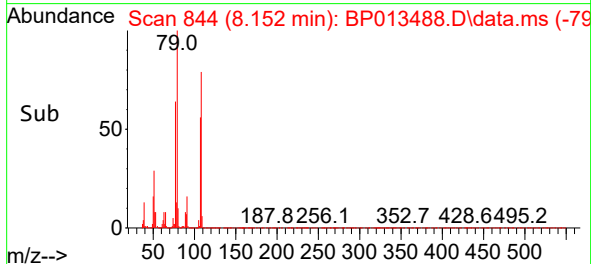
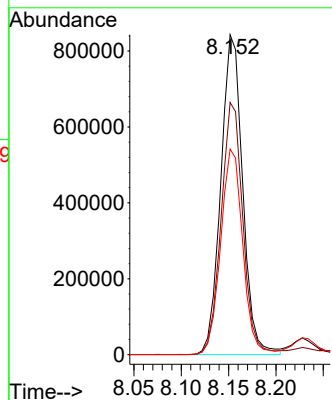
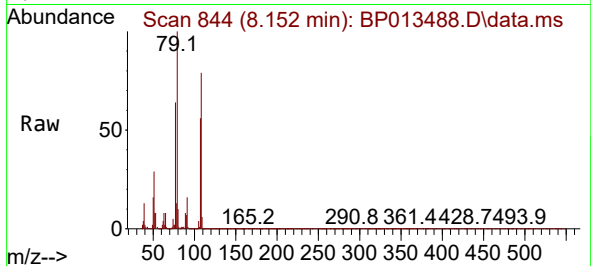




#15  
Benzyl Alcohol  
Concen: 41.752 ng  
RT: 8.152 min Scan# 845  
Delta R.T. -0.006 min  
Lab File: BP013488.D  
Acq: 17 Jan 2023 10:04

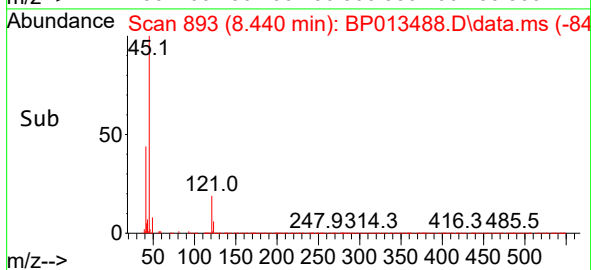
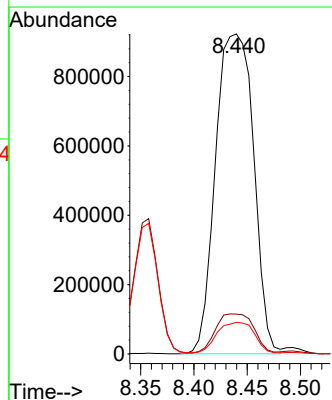
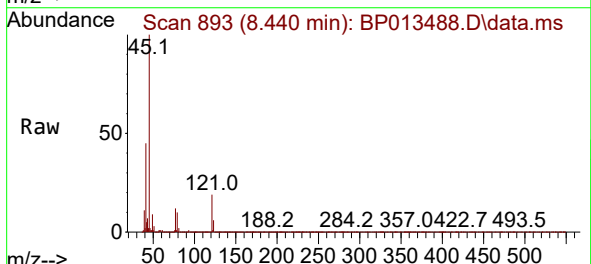
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

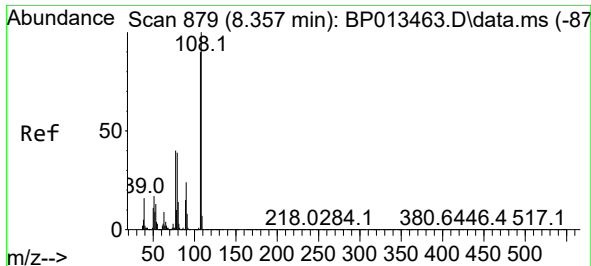
Tgt Ion: 79 Resp: 1355252  
Ion Ratio Lower Upper  
79 100  
108 78.8 63.2 94.8  
77 64.3 50.5 75.7



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 41.983 ng  
RT: 8.440 min Scan# 893  
Delta R.T. -0.006 min  
Lab File: BP013488.D  
Acq: 17 Jan 2023 10:04

Tgt Ion: 45 Resp: 2289359  
Ion Ratio Lower Upper  
45 100  
77 12.4 0.0 32.8  
79 9.9 0.0 30.3





#17

2-Methylphenol

Concen: 41.407 ng

RT: 8.357 min Scan# 81

Delta R.T. -0.000 min

Lab File: BP013488.D

Acq: 17 Jan 2023 10:04

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 1332842

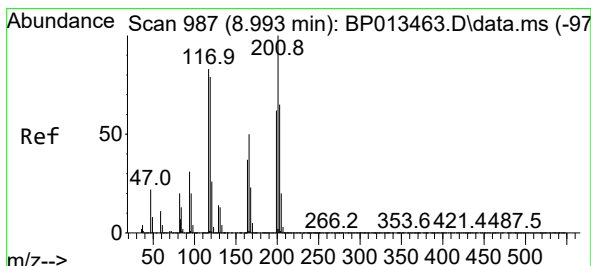
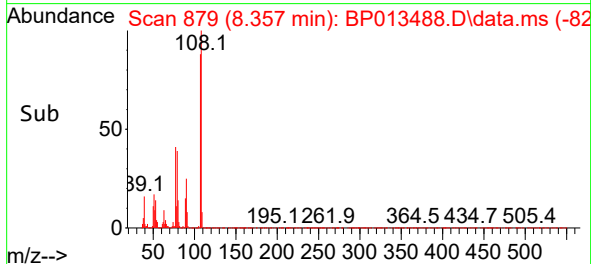
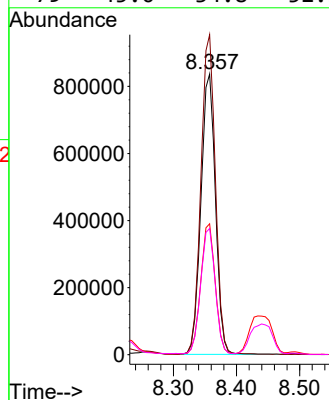
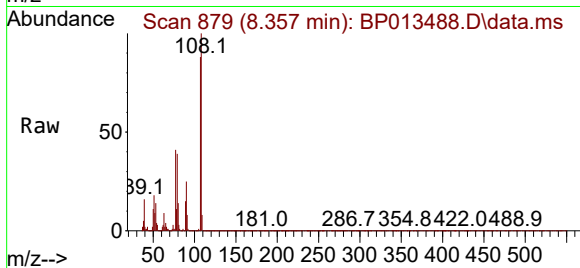
Ion Ratio Lower Upper

107 100

108 114.0 88.8 133.2

77 46.6 35.8 53.8

79 45.0 34.8 52.2



#18

Hexachloroethane

Concen: 41.641 ng

RT: 8.987 min Scan# 986

Delta R.T. -0.006 min

Lab File: BP013488.D

Acq: 17 Jan 2023 10:04

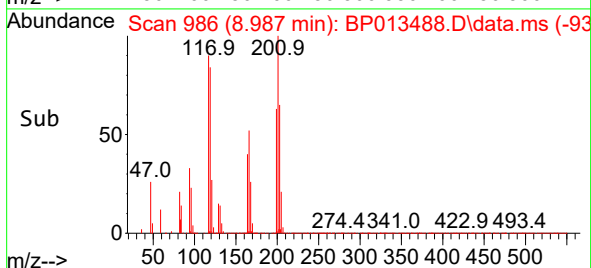
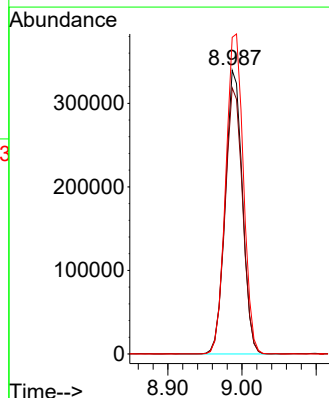
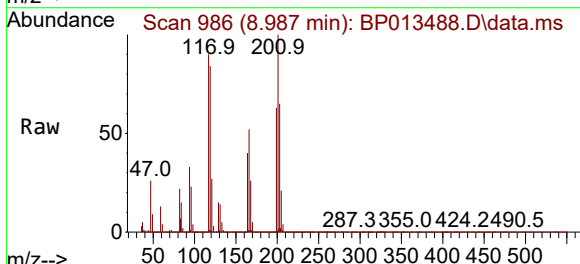
Tgt Ion:117 Resp: 546107

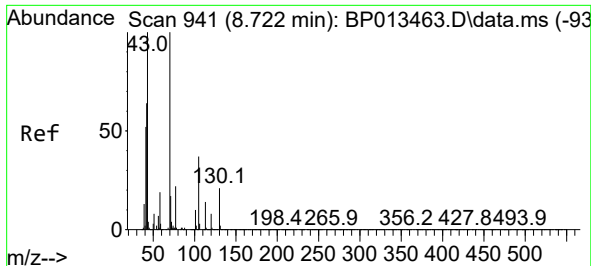
Ion Ratio Lower Upper

117 100

119 93.8 75.8 113.8

201 111.6 95.8 143.8





#19

n-Nitroso-di-n-propylamine

Concen: 42.400 ng

RT: 8.722 min Scan# 941

Delta R.T. -0.000 min

Lab File: BP013488.D

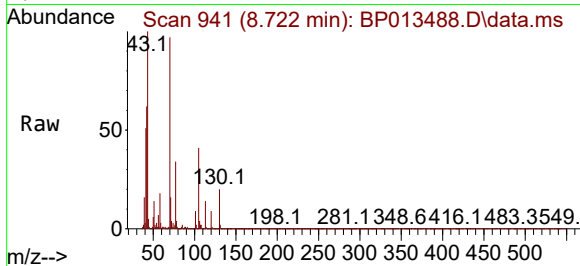
Acq: 17 Jan 2023 10:04

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040



Tgt Ion: 70 Resp: 1274843

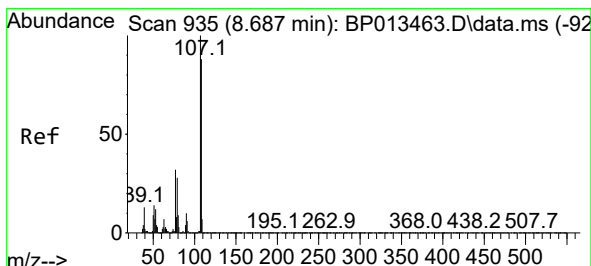
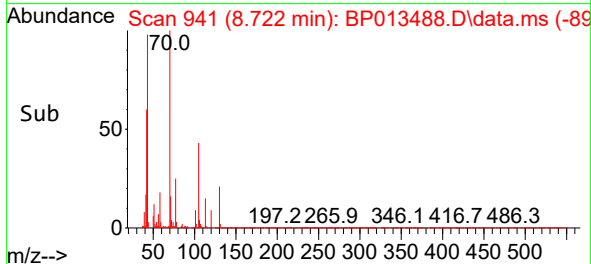
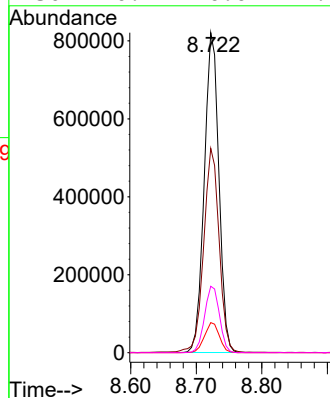
Ion Ratio Lower Upper

70 100

42 63.9 51.1 76.7

101 9.4 7.8 11.8

130 20.7 16.6 24.8



#20

3+4-Methylphenols

Concen: 41.592 ng

RT: 8.687 min Scan# 935

Delta R.T. -0.000 min

Lab File: BP013488.D

Acq: 17 Jan 2023 10:04

Tgt Ion:107 Resp: 1860014

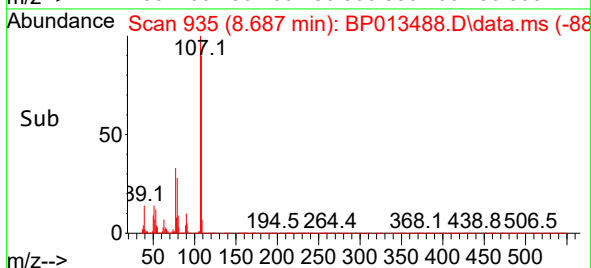
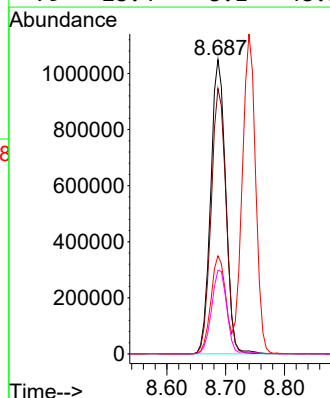
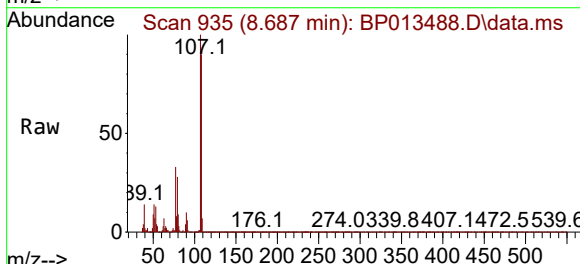
Ion Ratio Lower Upper

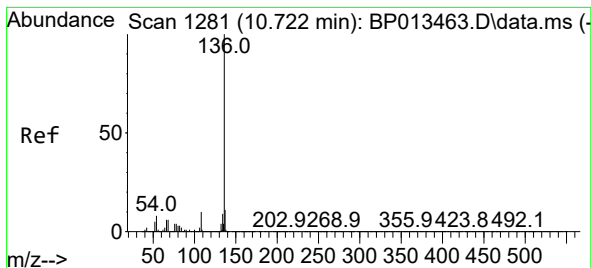
107 100

108 90.2 68.1 108.1

77 33.3 12.3 52.3

79 28.4 8.1 48.1



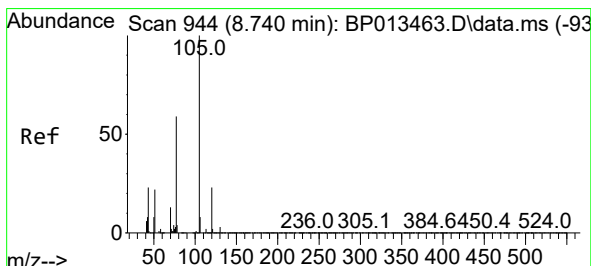
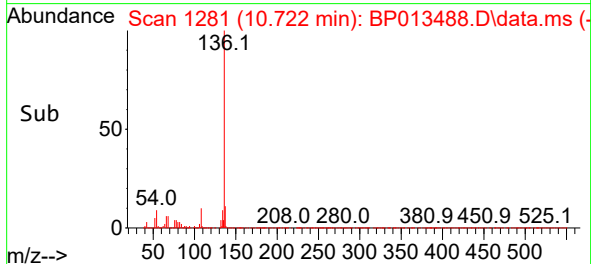
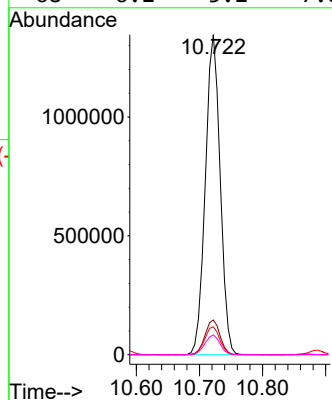
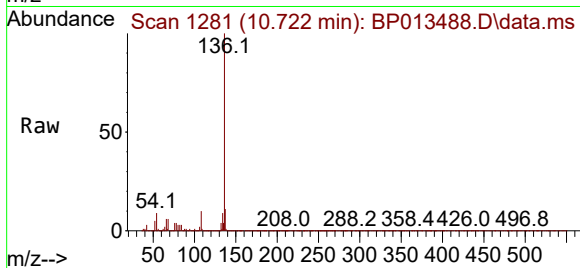


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.722 min Scan# 1281  
Delta R.T. -0.000 min  
Lab File: BP013488.D  
Acq: 17 Jan 2023 10:04

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

Tgt Ion:136 Resp: 2190297

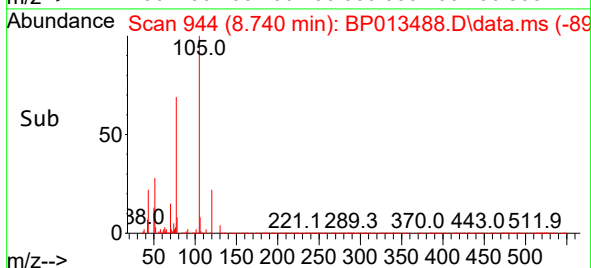
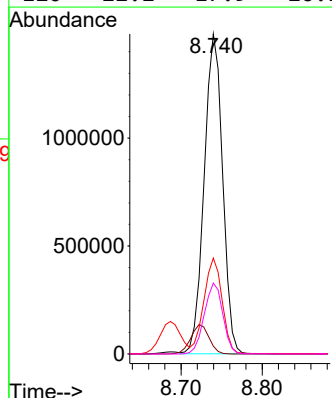
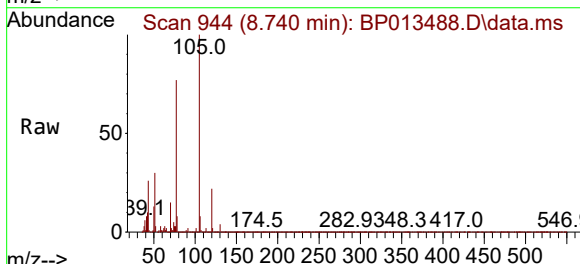
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.9  | 8.8   | 13.2  |
| 54  | 8.7   | 6.6   | 10.0  |
| 68  | 6.2   | 5.2   | 7.8   |

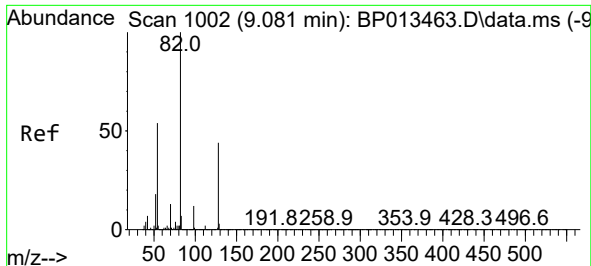


#22  
Acetophenone  
Concen: 41.607 ng  
RT: 8.740 min Scan# 944  
Delta R.T. -0.000 min  
Lab File: BP013488.D  
Acq: 17 Jan 2023 10:04

Tgt Ion:105 Resp: 2333837

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 2.4   | 2.1   | 3.1   |
| 51  | 29.9  | 23.3  | 34.9  |
| 120 | 22.2  | 17.9  | 26.9  |

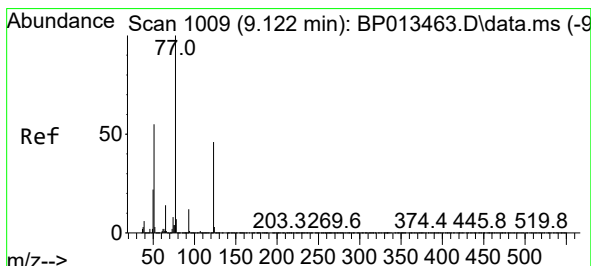
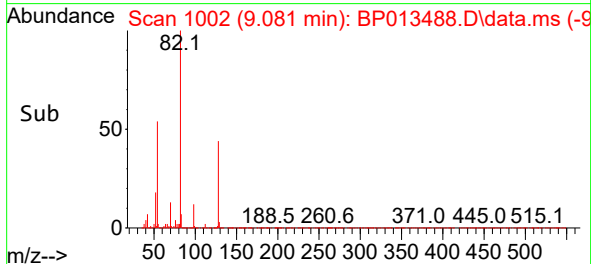
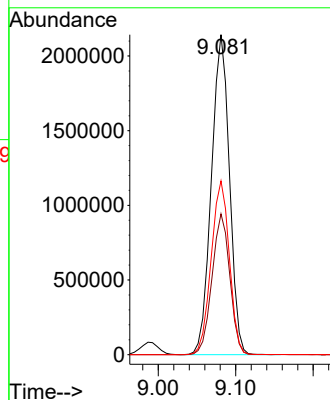
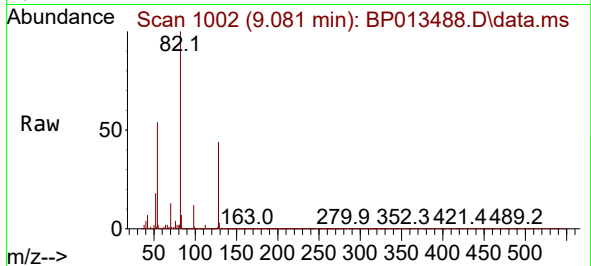




#23  
Nitrobenzene-d5  
Concen: 83.980 ng  
RT: 9.081 min Scan# 1002  
Delta R.T. -0.000 min  
Lab File: BP013488.D  
Acq: 17 Jan 2023 10:04

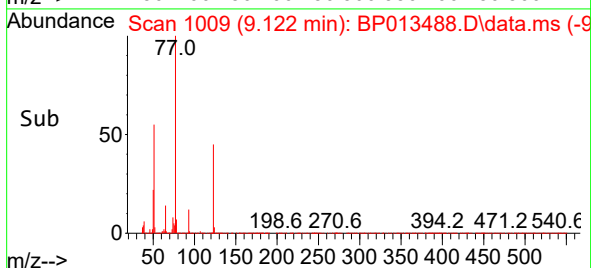
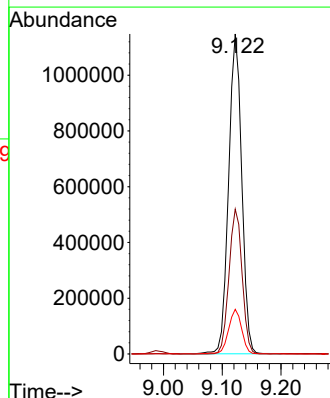
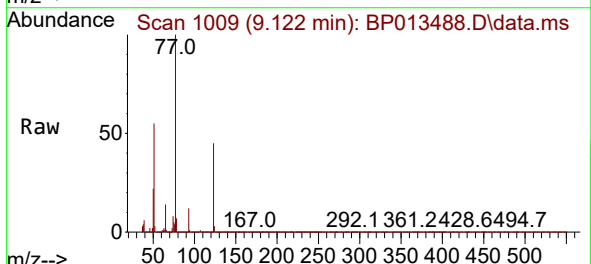
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

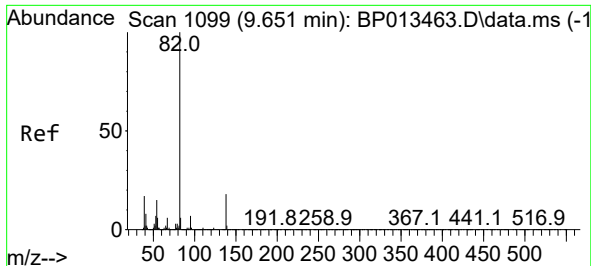
Tgt Ion: 82 Resp: 3462256  
Ion Ratio Lower Upper  
82 100  
128 44.0 35.4 53.0  
54 54.3 42.8 64.2



#24  
Nitrobenzene  
Concen: 41.671 ng  
RT: 9.122 min Scan# 1009  
Delta R.T. -0.000 min  
Lab File: BP013488.D  
Acq: 17 Jan 2023 10:04

Tgt Ion: 77 Resp: 1777025  
Ion Ratio Lower Upper  
77 100  
123 45.2 36.5 54.7  
65 13.9 11.0 16.6

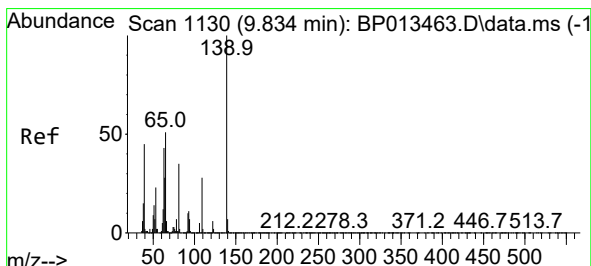
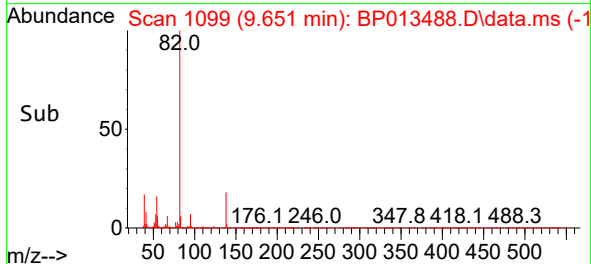
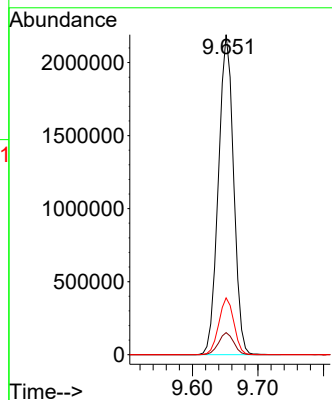
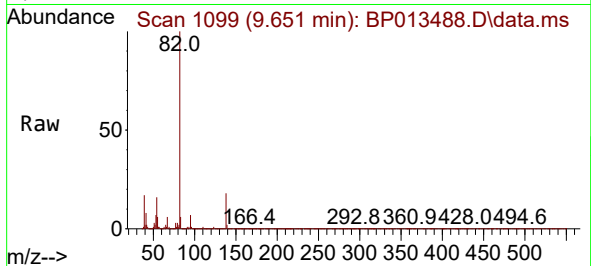




#25  
Isophorone  
Concen: 41.412 ng  
RT: 9.651 min Scan# 1099  
Delta R.T. -0.000 min  
Lab File: BP013488.D  
Acq: 17 Jan 2023 10:04

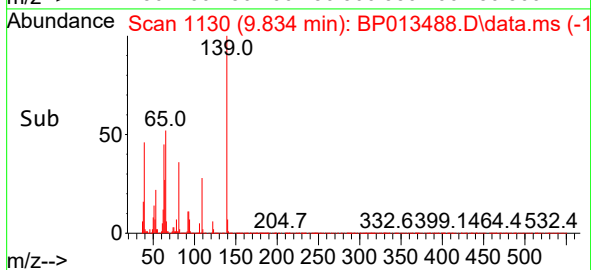
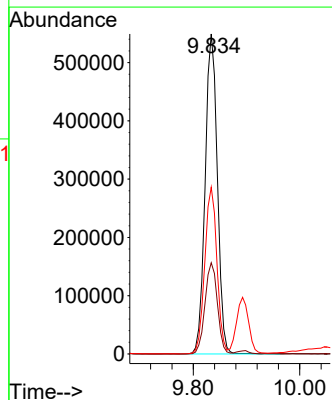
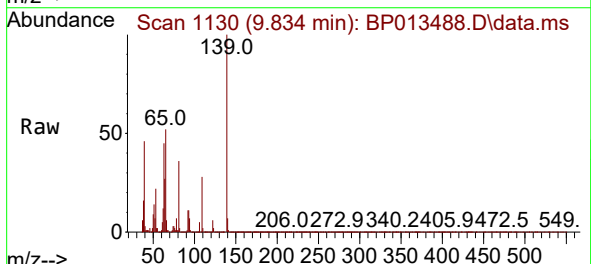
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

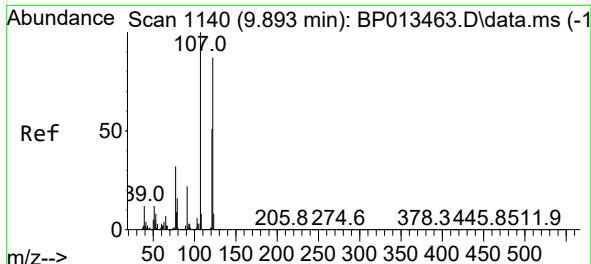
Tgt Ion: 82 Resp: 3514260  
Ion Ratio Lower Upper  
82 100  
95 6.9 5.4 8.0  
138 17.7 14.5 21.7



#26  
2-Nitrophenol  
Concen: 41.302 ng  
RT: 9.834 min Scan# 1130  
Delta R.T. -0.000 min  
Lab File: BP013488.D  
Acq: 17 Jan 2023 10:04

Tgt Ion: 139 Resp: 870639  
Ion Ratio Lower Upper  
139 100  
109 28.5 22.5 33.7  
65 52.1 41.0 61.4





#27

2,4-Dimethylphenol

Concen: 41.582 ng

RT: 9.893 min Scan# 1140

Delta R.T. -0.000 min

Lab File: BP013488.D

Acq: 17 Jan 2023 10:04

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

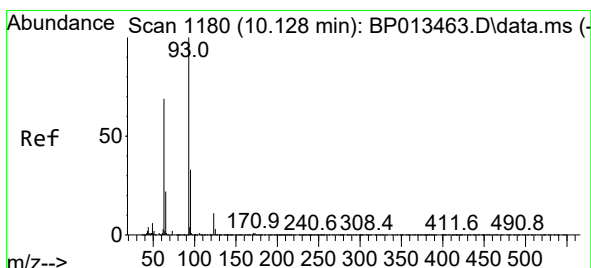
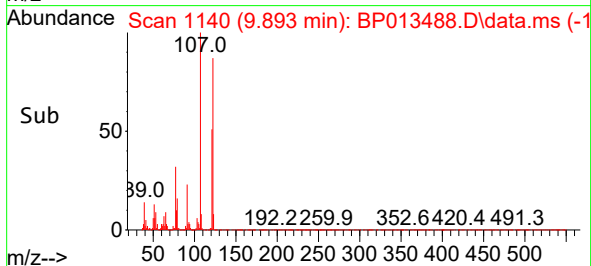
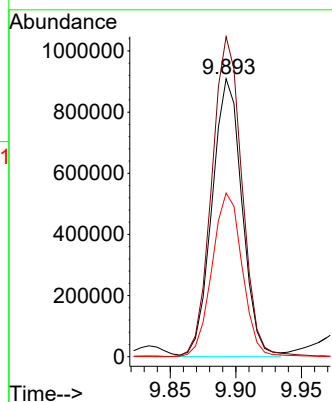
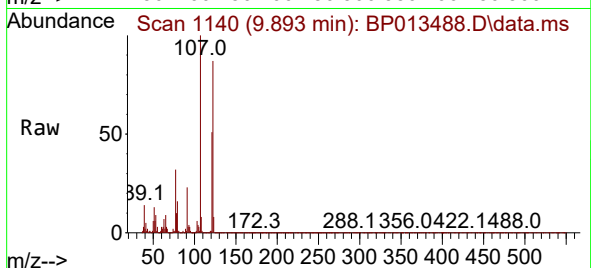
Tgt Ion:122 Resp: 1442991

Ion Ratio Lower Upper

122 100

107 115.1 91.6 137.4

121 58.9 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 41.637 ng

RT: 10.128 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BP013488.D

Acq: 17 Jan 2023 10:04

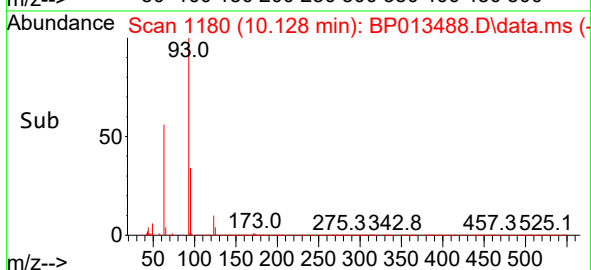
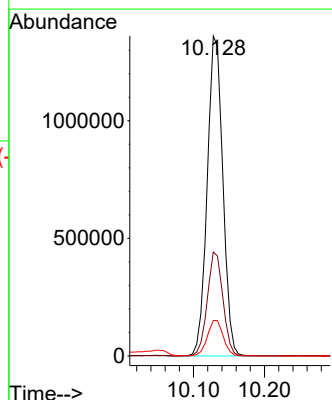
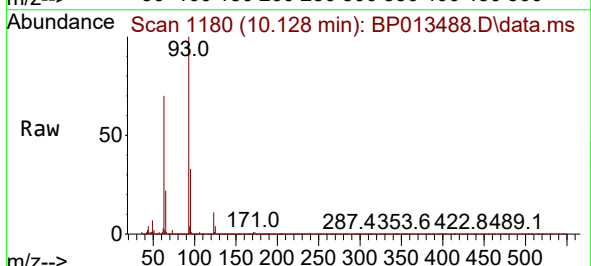
Tgt Ion: 93 Resp: 2083903

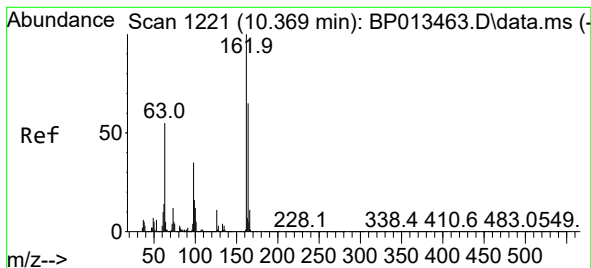
Ion Ratio Lower Upper

93 100

95 32.5 26.1 39.1

123 11.1 9.2 13.8

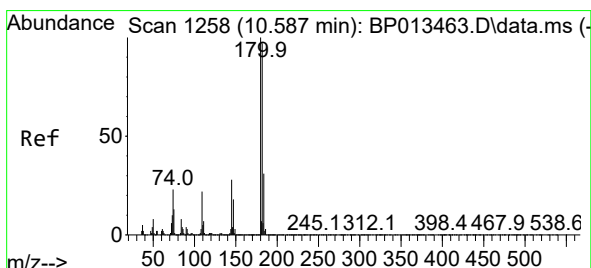
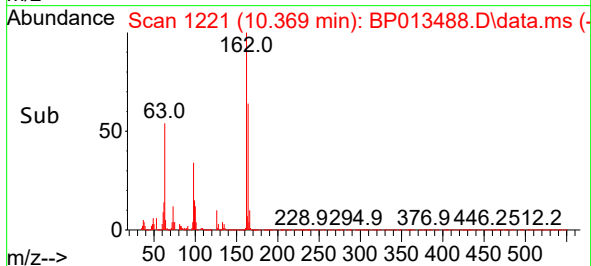
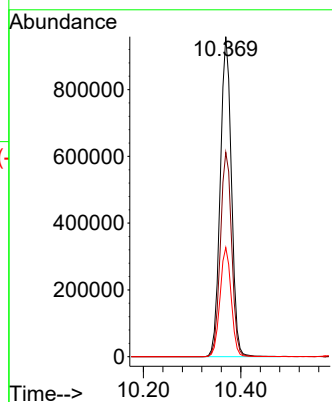
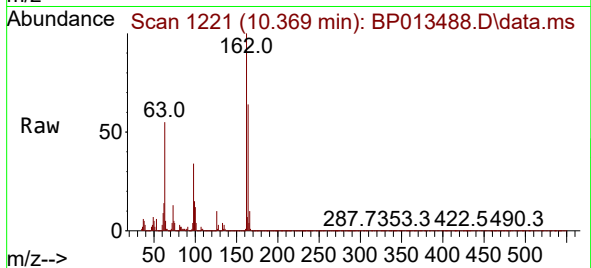




#29  
2,4-Dichlorophenol  
Concen: 41.817 ng  
RT: 10.369 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BP013488.D  
Acq: 17 Jan 2023 10:04

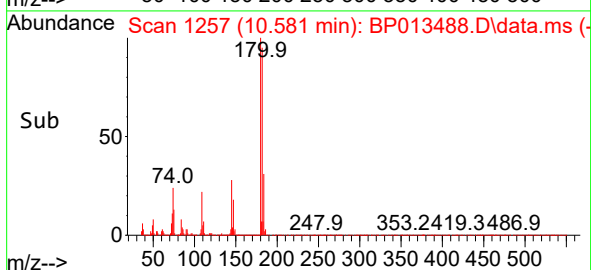
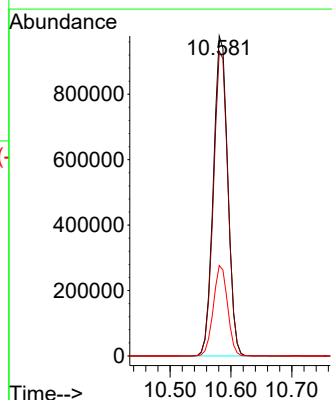
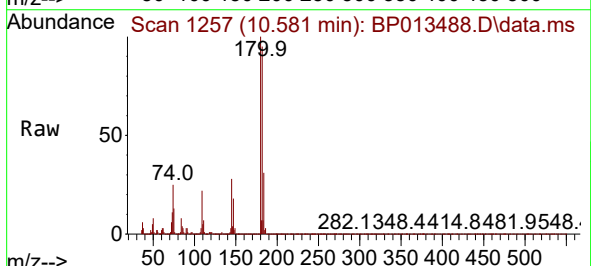
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BNA\_P  
ClientSampleId :  
SSTDCCC040

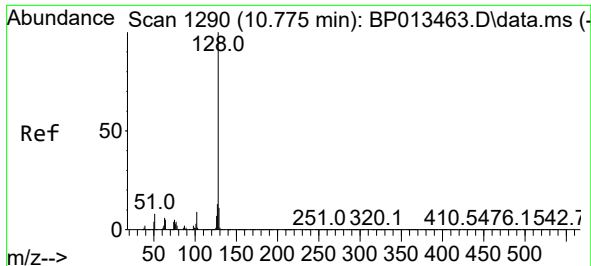
Tgt Ion:162 Resp: 1522746  
Ion Ratio Lower Upper  
162 100  
164 63.9 45.4 85.4  
98 34.1 14.8 54.8



#30  
1,2,4-Trichlorobenzene  
Concen: 41.614 ng  
RT: 10.581 min Scan# 1257  
Delta R.T. -0.006 min  
Lab File: BP013488.D  
Acq: 17 Jan 2023 10:04

Tgt Ion:180 Resp: 1603708  
Ion Ratio Lower Upper  
180 100  
182 95.2 77.3 115.9  
145 28.2 22.8 34.2

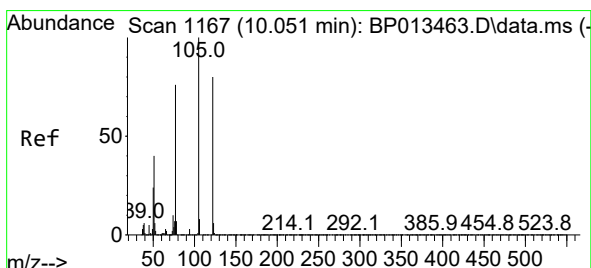
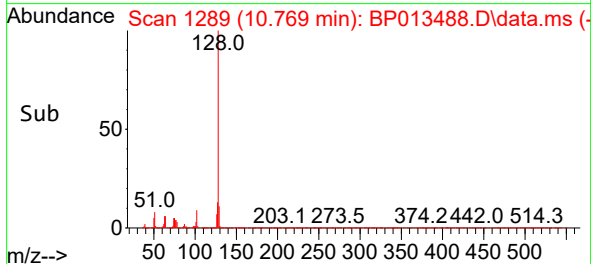
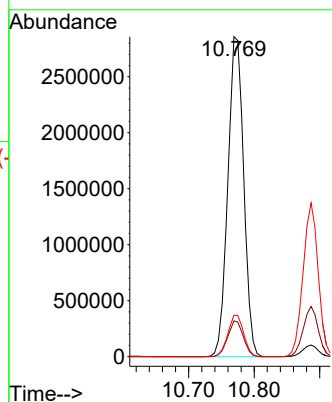
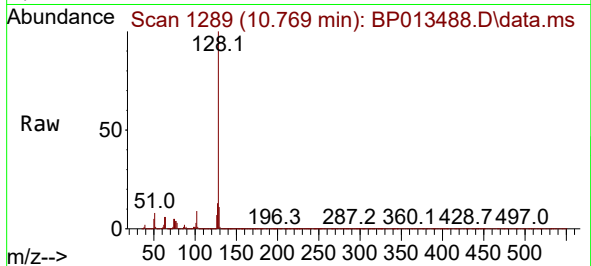




#31  
Naphthalene  
Concen: 41.392 ng  
RT: 10.769 min Scan# 1129  
Delta R.T. -0.006 min  
Lab File: BP013488.D  
Acq: 17 Jan 2023 10:04

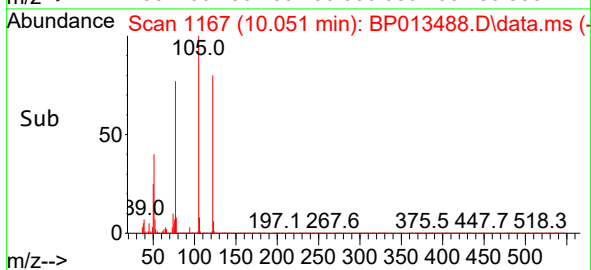
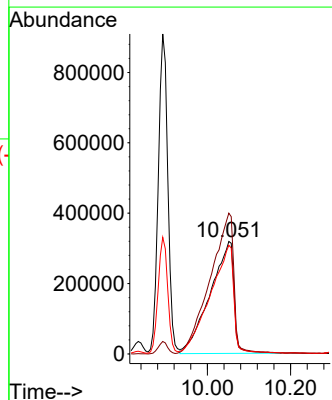
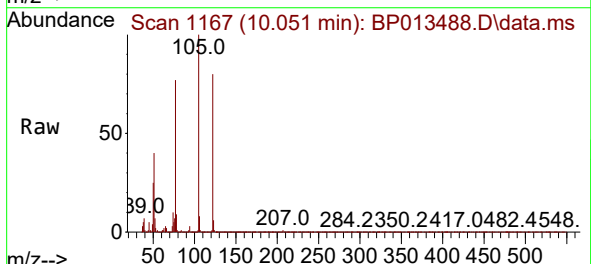
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BNA\_P  
ClientSampleId :  
SSTDCCC040

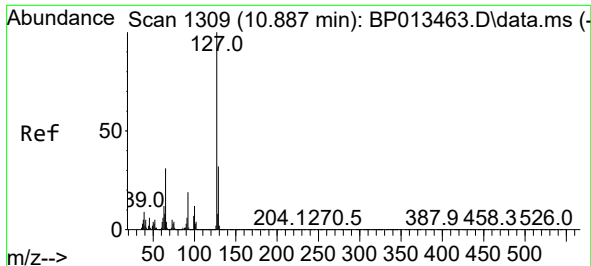
Tgt Ion:128 Resp: 4794080  
Ion Ratio Lower Upper  
128 100  
129 11.2 8.9 13.3  
127 12.9 10.6 16.0



#32  
Benzoic acid  
Concen: 43.689 ng  
RT: 10.051 min Scan# 1167  
Delta R.T. -0.000 min  
Lab File: BP013488.D  
Acq: 17 Jan 2023 10:04

Tgt Ion:122 Resp: 1264545  
Ion Ratio Lower Upper  
122 100  
105 125.2 102.7 142.7  
77 96.5 74.0 114.0



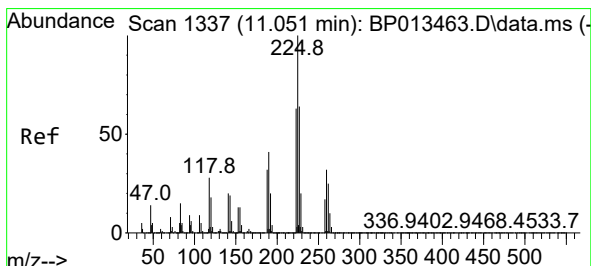
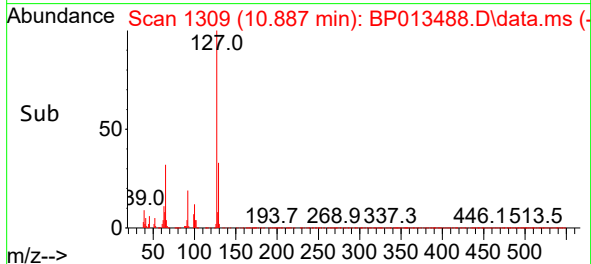
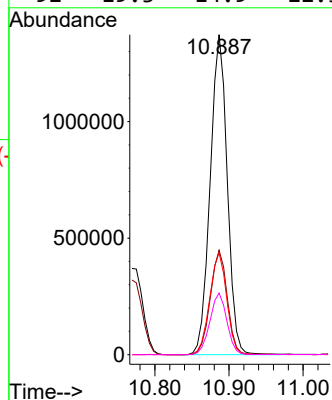
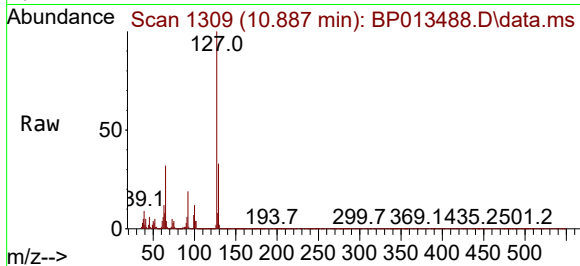


#33  
4-Chloroaniline  
Concen: 41.453 ng  
RT: 10.887 min Scan# 1309  
Delta R.T. -0.000 min  
Lab File: BP013488.D  
Acq: 17 Jan 2023 10:04

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

Tgt Ion:127 Resp: 2193218

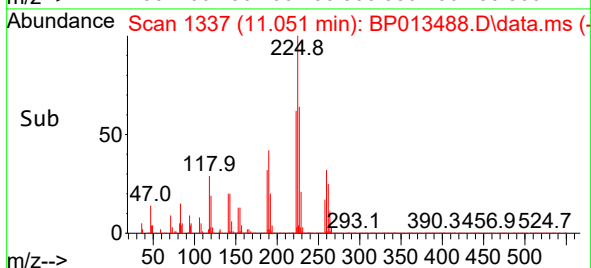
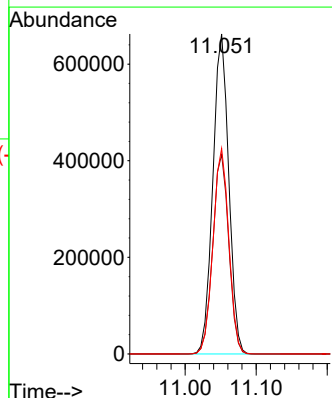
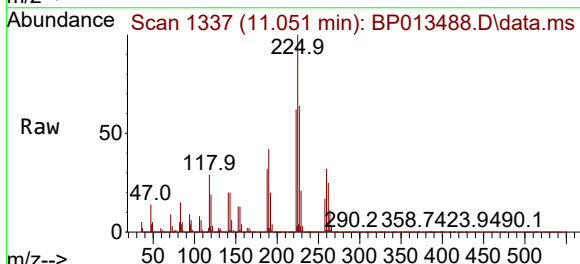
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 127 | 100   |       |       |
| 129 | 32.7  | 25.6  | 38.4  |
| 65  | 31.8  | 25.2  | 37.8  |
| 92  | 19.3  | 14.9  | 22.3  |

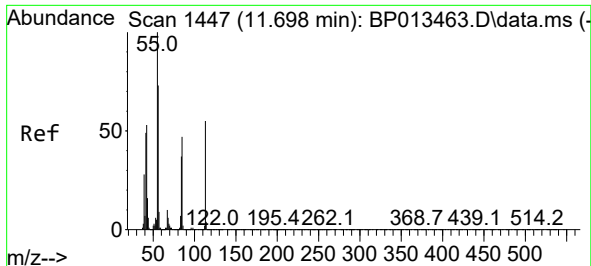


#34  
Hexachlorobutadiene  
Concen: 42.274 ng  
RT: 11.051 min Scan# 1337  
Delta R.T. -0.000 min  
Lab File: BP013488.D  
Acq: 17 Jan 2023 10:04

Tgt Ion:225 Resp: 1026948

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 225 | 100   |       |       |
| 223 | 62.3  | 50.0  | 75.0  |
| 227 | 64.3  | 51.0  | 76.6  |

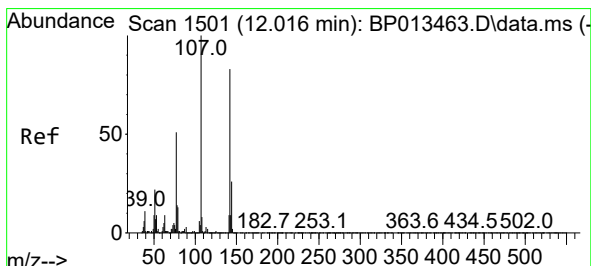
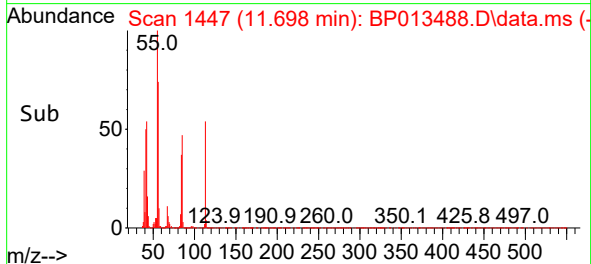
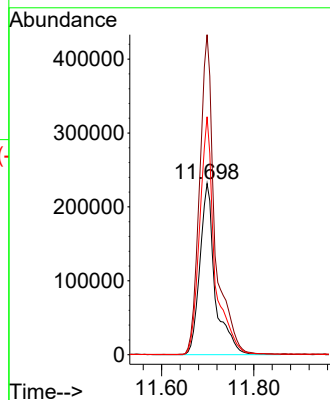
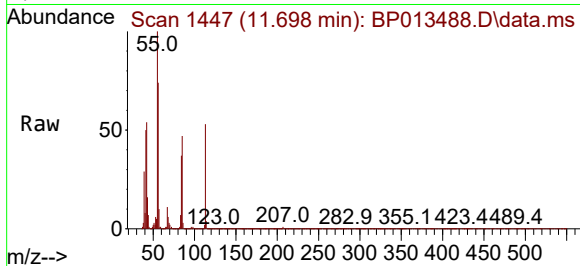




#35  
 Caprolactam  
 Concen: 41.222 ng  
 RT: 11.698 min Scan# 1447  
 Delta R.T. -0.000 min  
 Lab File: BP013488.D  
 Acq: 17 Jan 2023 10:04

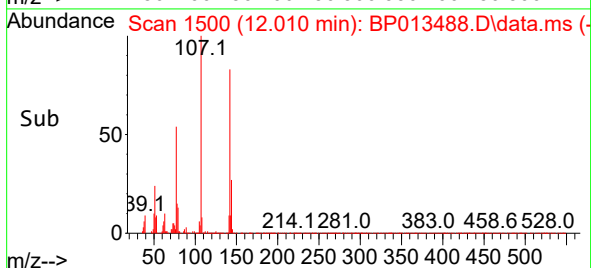
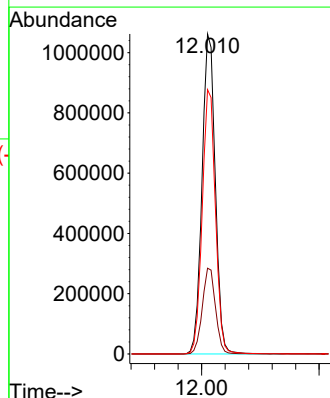
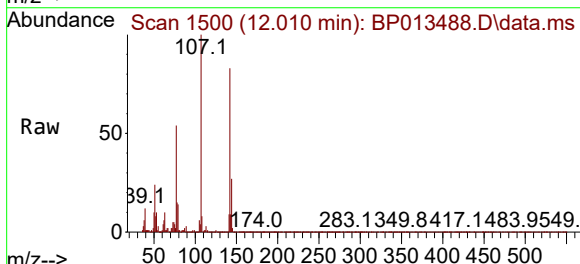
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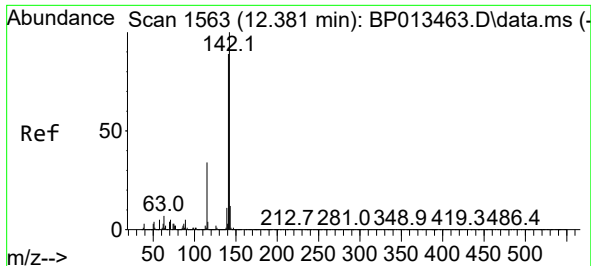
Tgt Ion:113 Resp: 534854  
 Ion Ratio Lower Upper  
 113 100  
 55 186.9 163.1 203.1  
 56 139.0 113.0 153.0



#36  
 4-Chloro-3-methylphenol  
 Concen: 41.759 ng  
 RT: 12.010 min Scan# 1500  
 Delta R.T. -0.006 min  
 Lab File: BP013488.D  
 Acq: 17 Jan 2023 10:04

Tgt Ion:107 Resp: 1657058  
 Ion Ratio Lower Upper  
 107 100  
 144 26.8 21.2 31.8  
 142 82.6 66.0 99.0

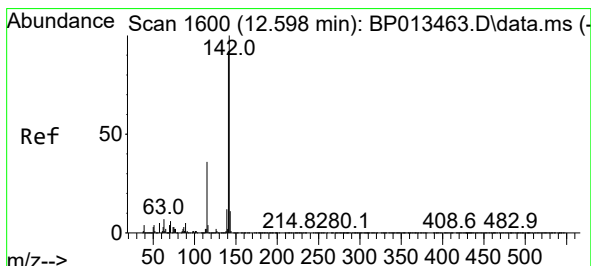
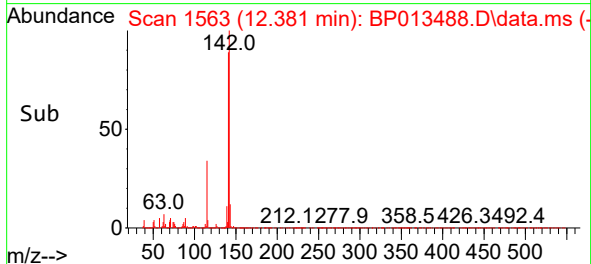
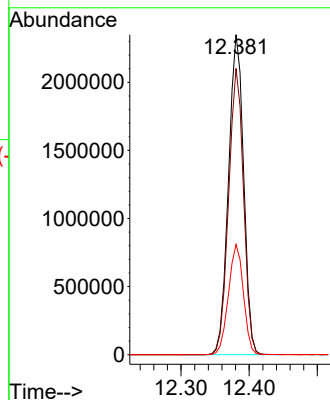
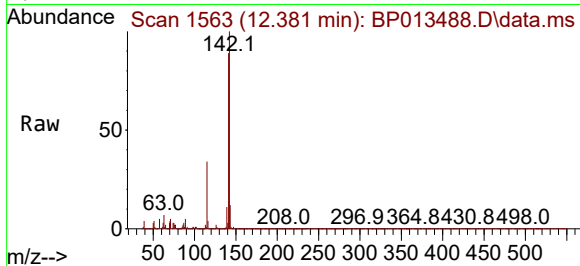




#37  
2-Methylnaphthalene  
Concen: 41.660 ng  
RT: 12.381 min Scan# 1563  
Delta R.T. -0.000 min  
Lab File: BP013488.D  
Acq: 17 Jan 2023 10:04

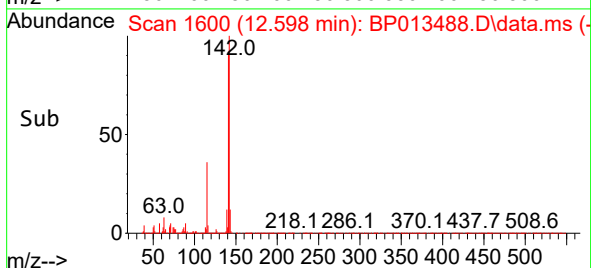
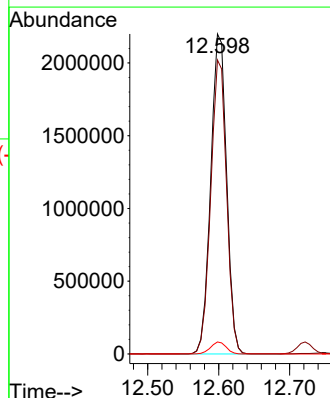
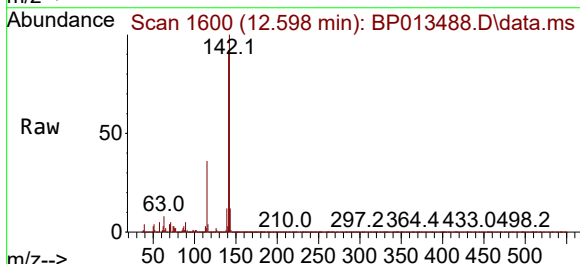
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BNA\_P  
ClientSampleId :  
SSTDCCC040

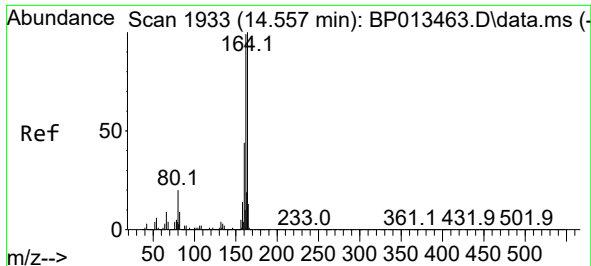
Tgt Ion:142 Resp: 3622471  
Ion Ratio Lower Upper  
142 100  
141 89.4 71.1 106.7  
115 34.5 27.6 41.4



#38  
1-Methylnaphthalene  
Concen: 41.585 ng  
RT: 12.598 min Scan# 1600  
Delta R.T. -0.000 min  
Lab File: BP013488.D  
Acq: 17 Jan 2023 10:04

Tgt Ion:142 Resp: 3411133  
Ion Ratio Lower Upper  
142 100  
141 91.9 73.3 109.9  
116 3.7 2.9 4.3

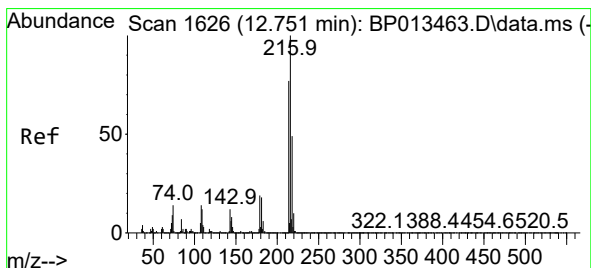
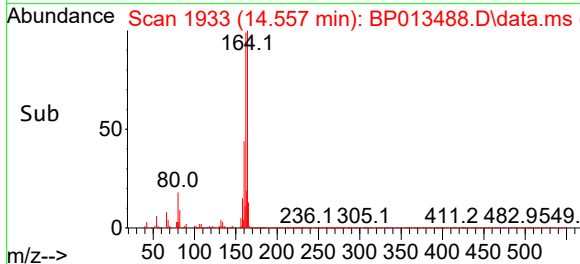
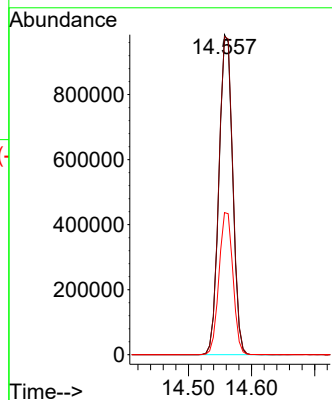
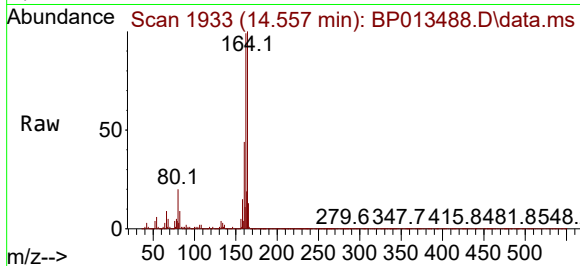




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.557 min Scan# 1933  
Delta R.T. -0.000 min  
Lab File: BP013488.D  
Acq: 17 Jan 2023 10:04

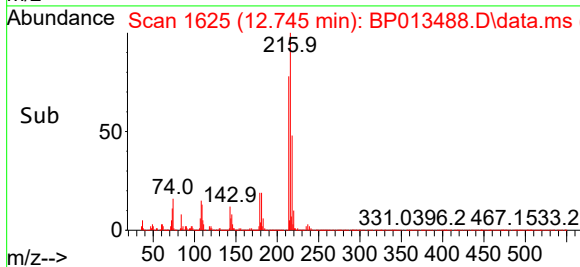
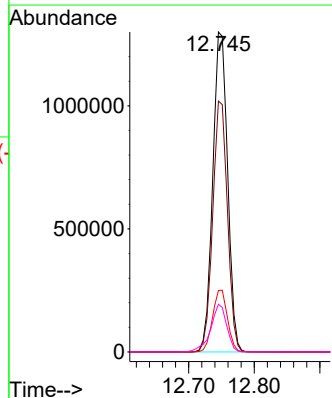
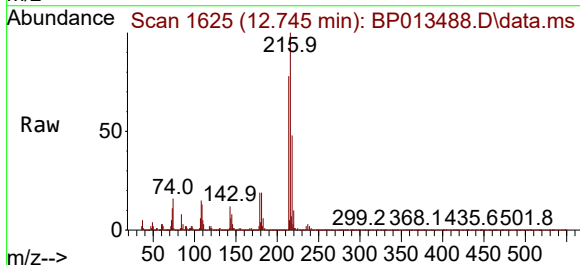
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ClientSampleId :  
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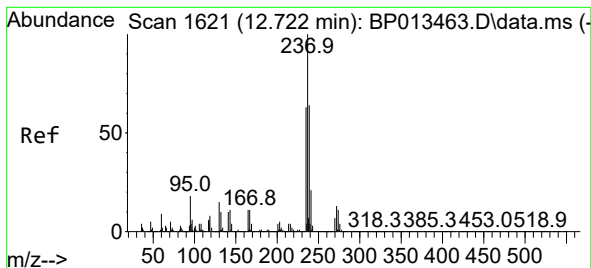
Tgt Ion:164 Resp: 1477589  
Ion Ratio Lower Upper  
164 100  
162 99.4 79.5 119.3  
160 44.4 35.4 53.0



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 42.142 ng  
RT: 12.745 min Scan# 1625  
Delta R.T. -0.006 min  
Lab File: BP013488.D  
Acq: 17 Jan 2023 10:04

Tgt Ion:216 Resp: 2041010  
Ion Ratio Lower Upper  
216 100  
214 77.8 62.1 93.1  
179 19.4 15.6 23.4  
108 16.1 13.0 19.6

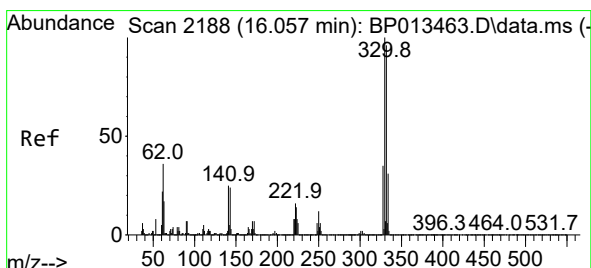
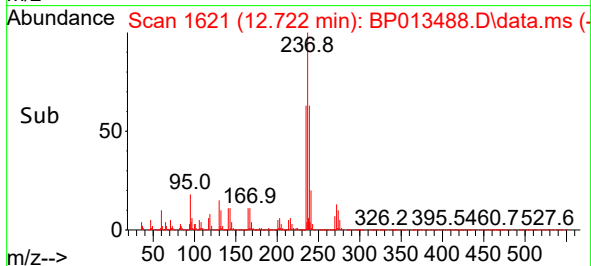
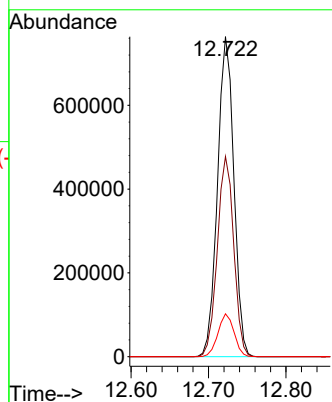
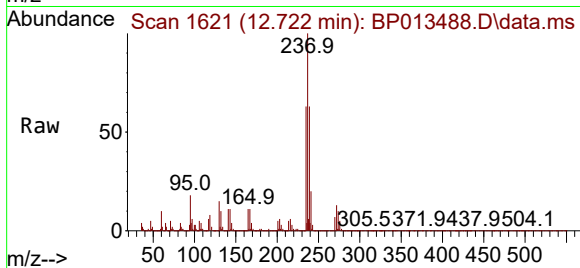




#41  
Hexachlorocyclopentadiene  
Concen: 44.300 ng  
RT: 12.722 min Scan# 1621  
Delta R.T. -0.000 min  
Lab File: BP013488.D  
Acq: 17 Jan 2023 10:04

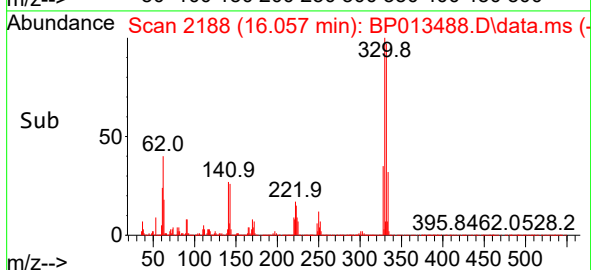
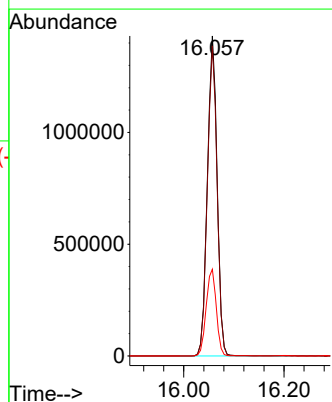
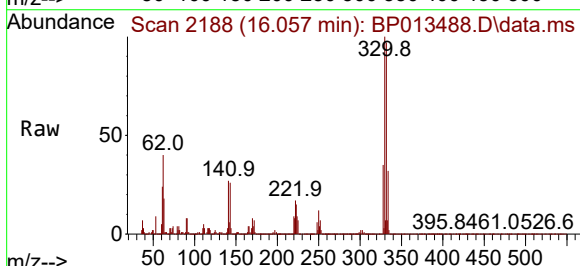
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BNA\_P  
ClientSampleId :  
SSTDCCC040

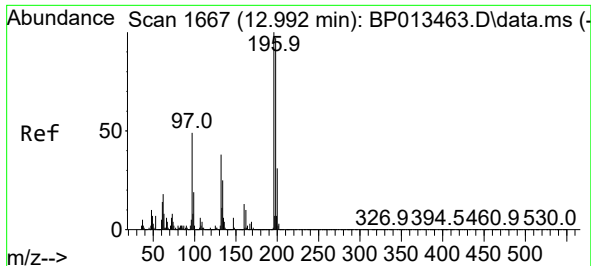
Tgt Ion:237 Resp: 1118716  
Ion Ratio Lower Upper  
237 100  
235 62.5 43.4 83.4  
272 13.4 0.0 32.7



#42  
2,4,6-Tribromophenol  
Concen: 83.944 ng  
RT: 16.057 min Scan# 2188  
Delta R.T. -0.000 min  
Lab File: BP013488.D  
Acq: 17 Jan 2023 10:04

Tgt Ion:330 Resp: 1936122  
Ion Ratio Lower Upper  
330 100  
332 96.7 77.0 115.4  
141 28.1 22.2 33.4

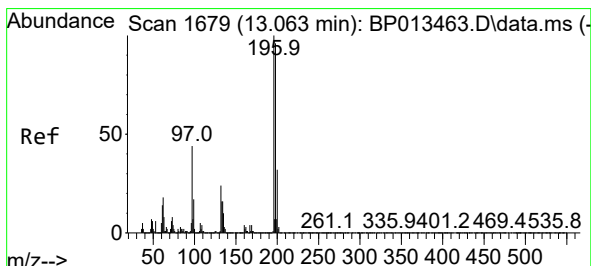
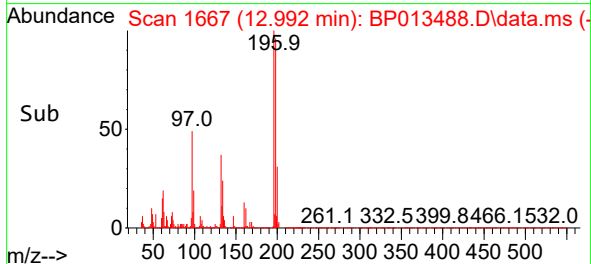
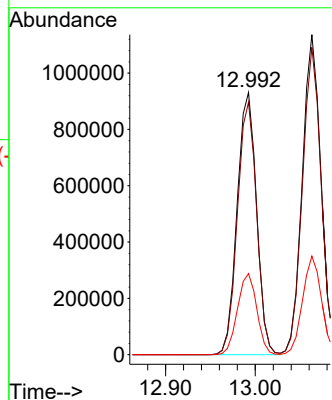
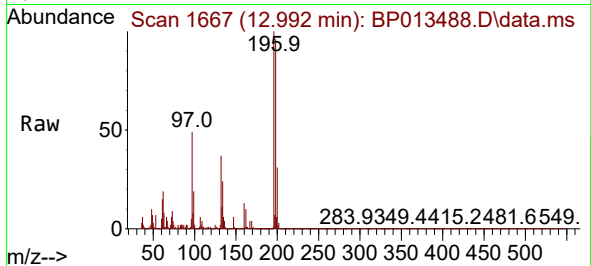




#43  
2,4,6-Trichlorophenol  
Concen: 41.992 ng  
RT: 12.992 min Scan# 1667  
Delta R.T. -0.000 min  
Lab File: BP013488.D  
Acq: 17 Jan 2023 10:04

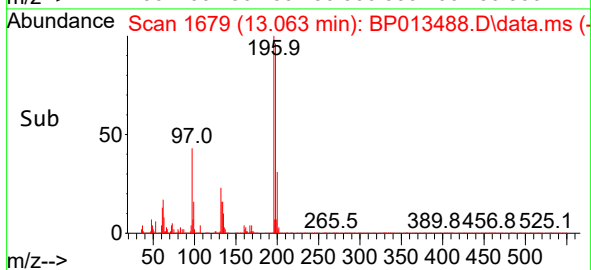
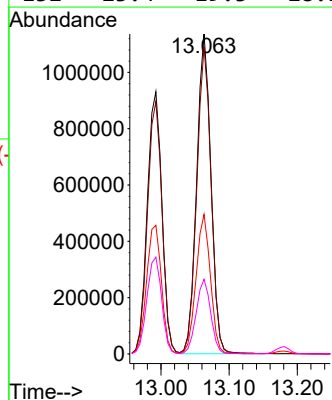
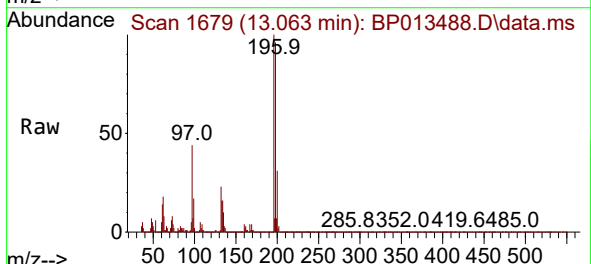
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

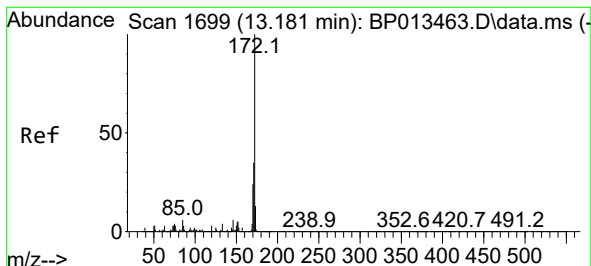
Tgt Ion:196 Resp: 1398331  
Ion Ratio Lower Upper  
196 100  
198 96.3 77.4 116.0  
200 30.9 24.7 37.1



#44  
2,4,5-Trichlorophenol  
Concen: 42.360 ng  
RT: 13.063 min Scan# 1679  
Delta R.T. -0.000 min  
Lab File: BP013488.D  
Acq: 17 Jan 2023 10:04

Tgt Ion:196 Resp: 1655187  
Ion Ratio Lower Upper  
196 100  
198 96.0 76.8 115.2  
97 43.6 34.9 52.3  
132 23.4 19.3 28.9





#45

2-Fluorobiphenyl

Concen: 85.001 ng

RT: 13.181 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP013488.D

Acq: 17 Jan 2023 10:04

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

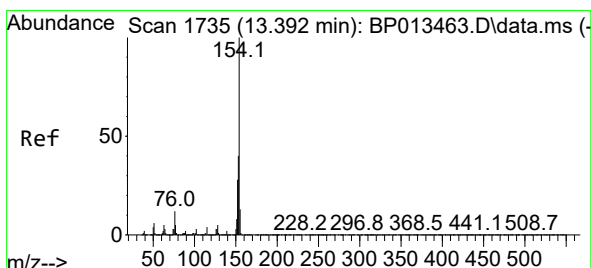
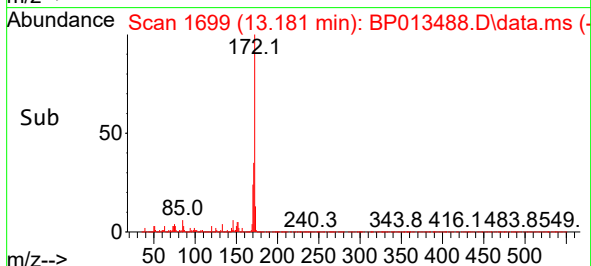
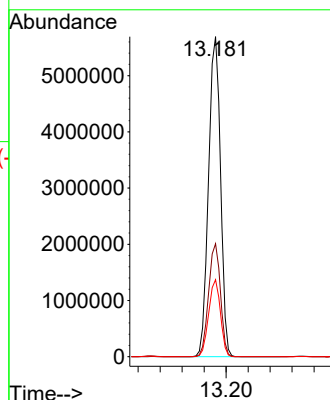
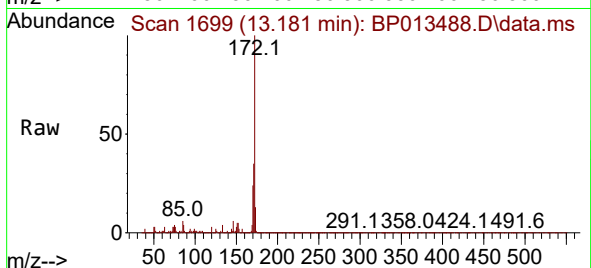
Tgt Ion:172 Resp: 8591681

Ion Ratio Lower Upper

172 100

171 35.3 28.0 42.0

170 24.1 19.0 28.4



#46

1,1'-Biphenyl

Concen: 41.456 ng

RT: 13.392 min Scan# 1735

Delta R.T. -0.000 min

Lab File: BP013488.D

Acq: 17 Jan 2023 10:04

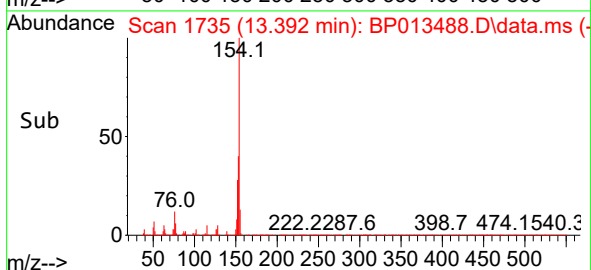
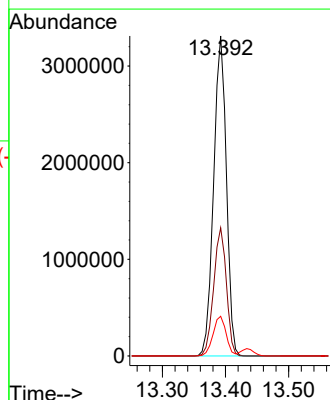
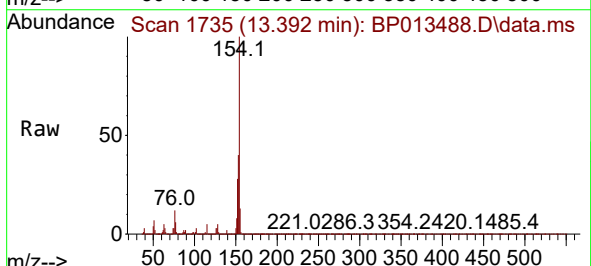
Tgt Ion:154 Resp: 4631125

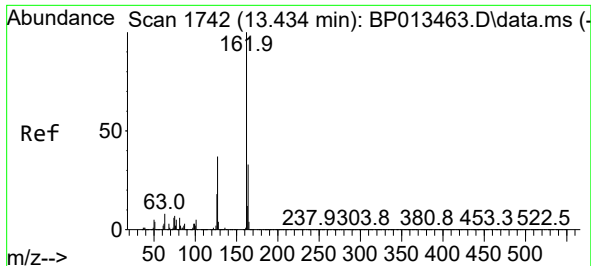
Ion Ratio Lower Upper

154 100

153 40.0 19.9 59.9

76 12.4 0.0 32.5

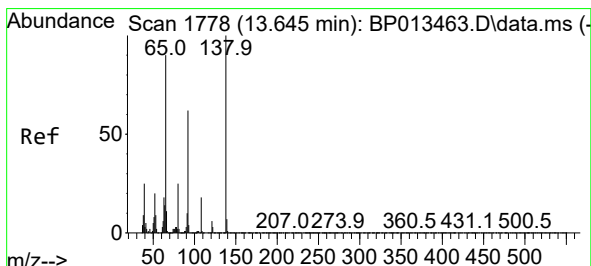
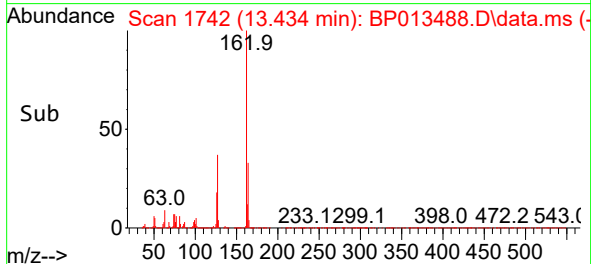
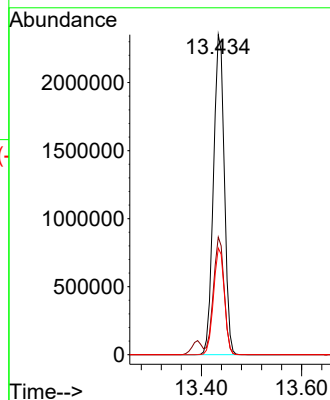
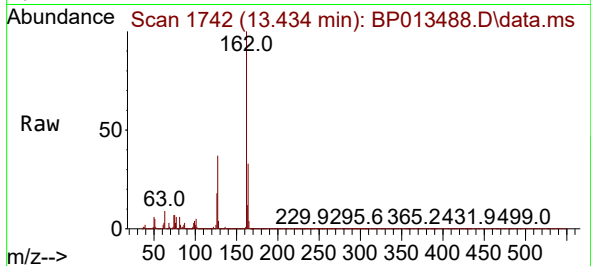




#47  
2-Chloronaphthalene  
Concen: 41.227 ng  
RT: 13.434 min Scan# 1742  
Delta R.T. -0.000 min  
Lab File: BP013488.D  
Acq: 17 Jan 2023 10:04

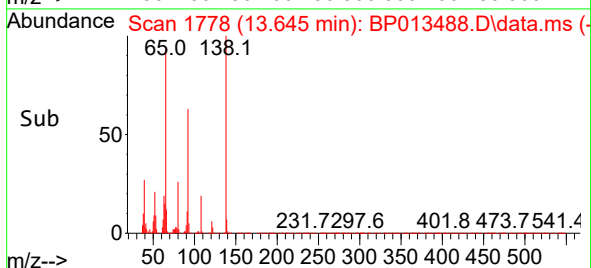
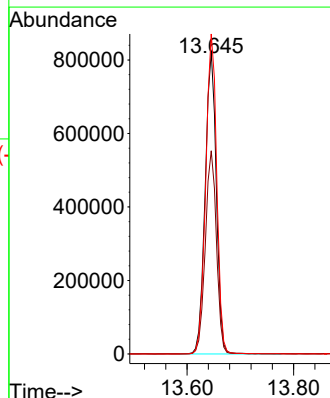
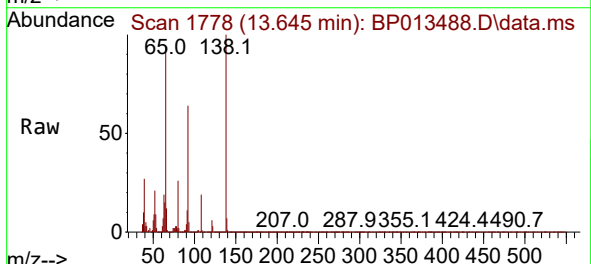
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

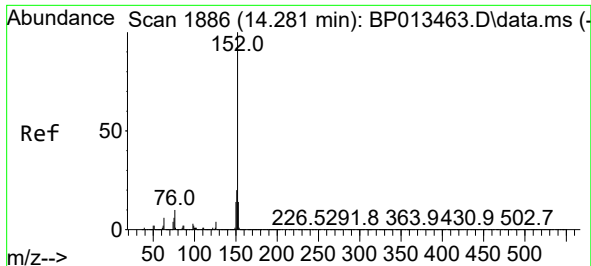
Tgt Ion:162 Resp: 3532346  
Ion Ratio Lower Upper  
162 100  
127 36.7 29.8 44.8  
164 33.3 26.4 39.6



#48  
2-Nitroaniline  
Concen: 42.262 ng  
RT: 13.645 min Scan# 1778  
Delta R.T. -0.000 min  
Lab File: BP013488.D  
Acq: 17 Jan 2023 10:04

Tgt Ion: 65 Resp: 1191866  
Ion Ratio Lower Upper  
65 100  
92 67.3 55.1 82.7  
138 105.9 88.5 132.7

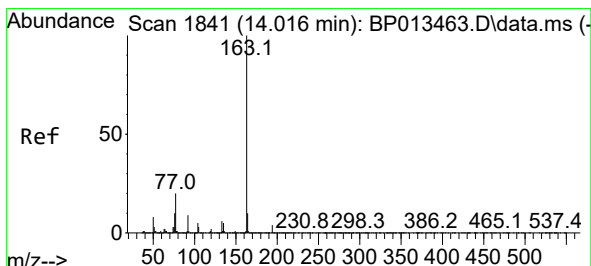
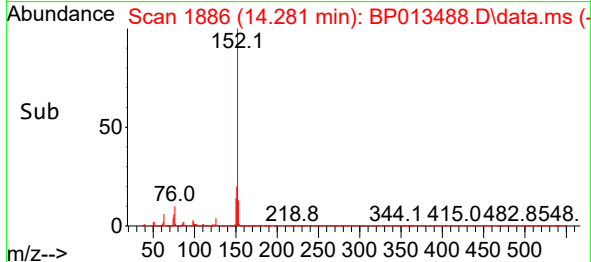
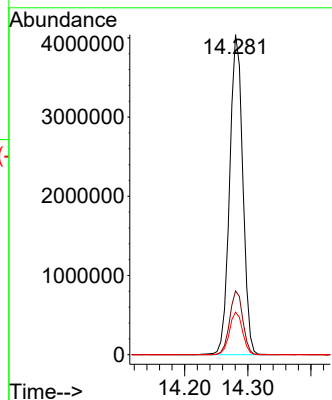
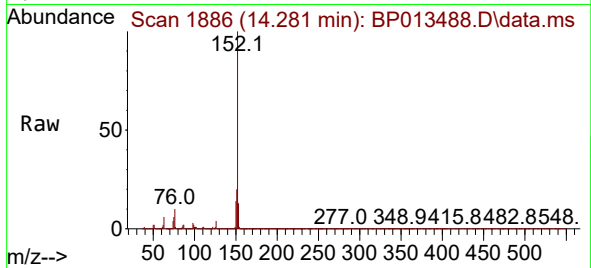




#49  
Acenaphthylene  
Concen: 41.300 ng  
RT: 14.281 min Scan# 1886  
Delta R.T. -0.000 min  
Lab File: BP013488.D  
Acq: 17 Jan 2023 10:04

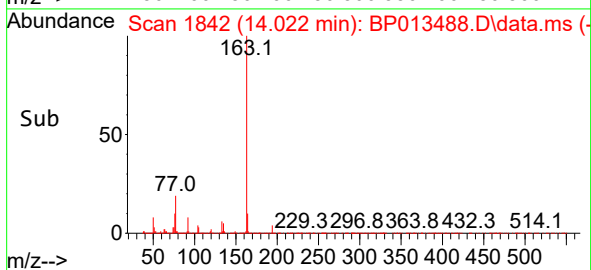
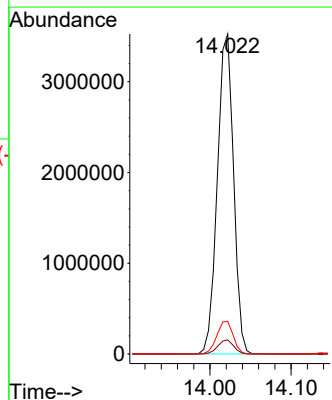
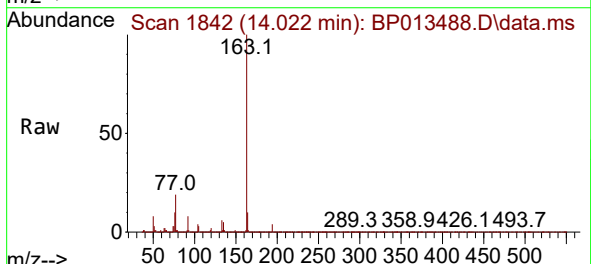
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

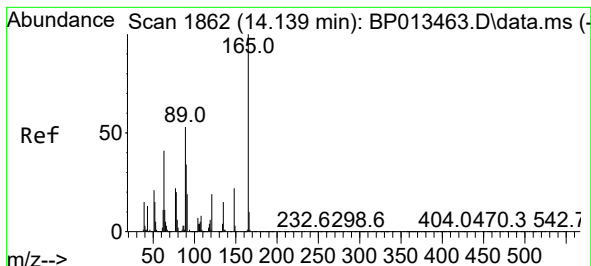
Tgt Ion:152 Resp: 5835458  
Ion Ratio Lower Upper  
152 100  
151 19.9 16.0 24.0  
153 13.3 10.9 16.3



#50  
Dimethylphthalate  
Concen: 41.767 ng  
RT: 14.022 min Scan# 1842  
Delta R.T. 0.006 min  
Lab File: BP013488.D  
Acq: 17 Jan 2023 10:04

Tgt Ion:163 Resp: 4893697  
Ion Ratio Lower Upper  
163 100  
194 4.4 3.4 5.2  
164 10.1 8.3 12.5

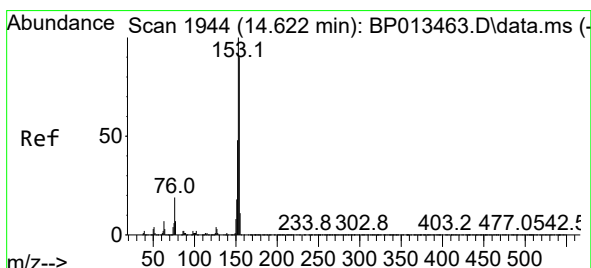
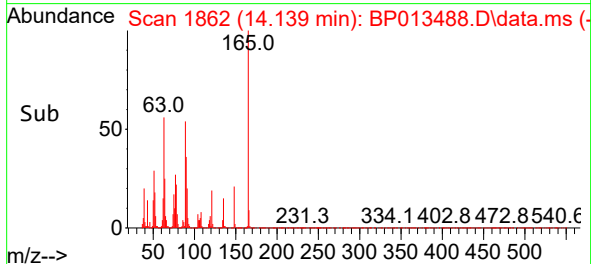
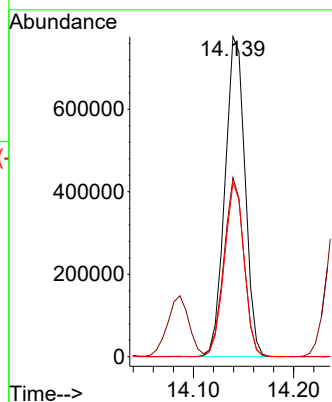
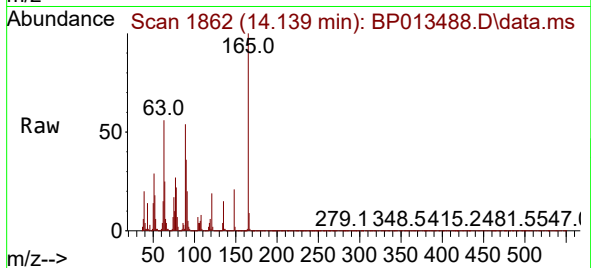




#51  
2,6-Dinitrotoluene  
Concen: 42.110 ng  
RT: 14.139 min Scan# 1862  
Delta R.T. -0.000 min  
Lab File: BP013488.D  
Acq: 17 Jan 2023 10:04

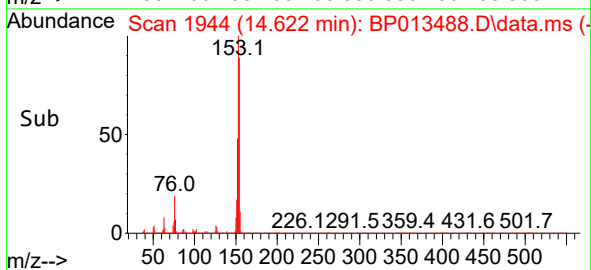
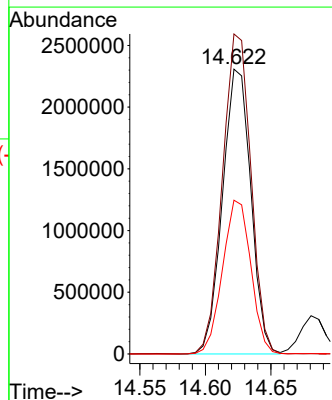
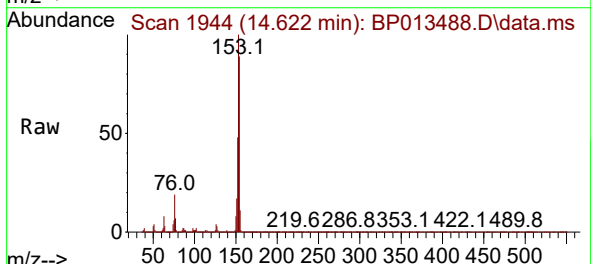
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

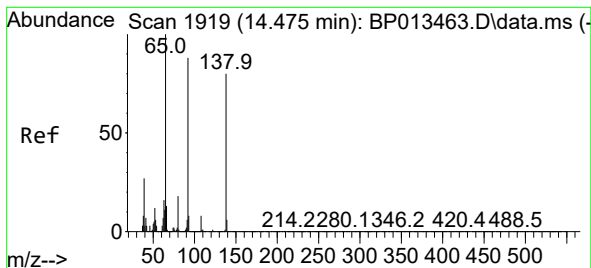
Tgt Ion:165 Resp: 1076291  
Ion Ratio Lower Upper  
165 100  
63 55.9 42.8 64.2  
89 54.3 42.5 63.7



#52  
Acenaphthene  
Concen: 41.436 ng  
RT: 14.622 min Scan# 1944  
Delta R.T. -0.000 min  
Lab File: BP013488.D  
Acq: 17 Jan 2023 10:04

Tgt Ion:154 Resp: 3465241  
Ion Ratio Lower Upper  
154 100  
153 112.3 89.2 133.8  
152 54.0 42.8 64.2

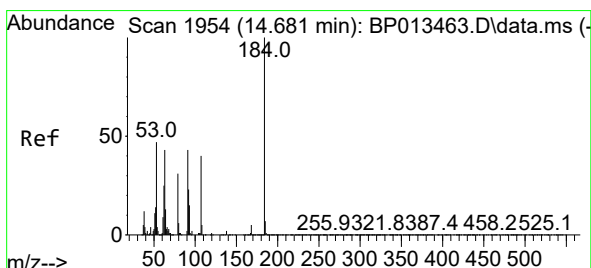
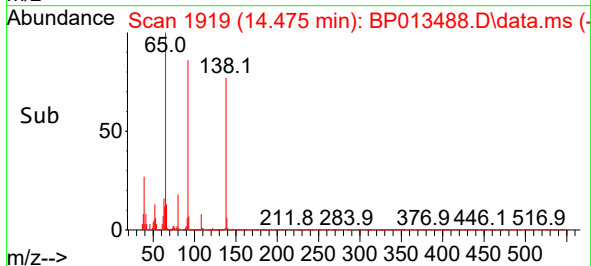
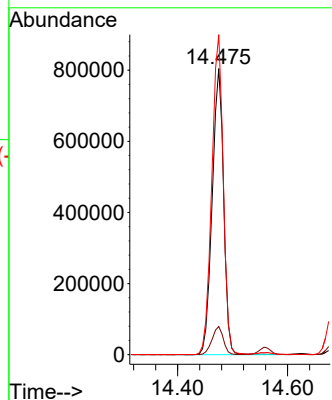
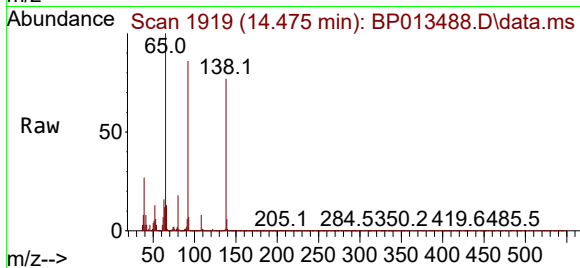




#53  
3-Nitroaniline  
Concen: 42.348 ng  
RT: 14.475 min Scan# 1919  
Delta R.T. -0.000 min  
Lab File: BP013488.D  
Acq: 17 Jan 2023 10:04

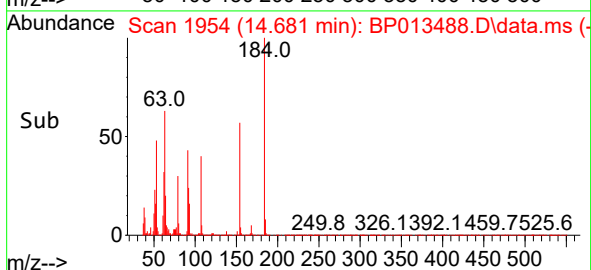
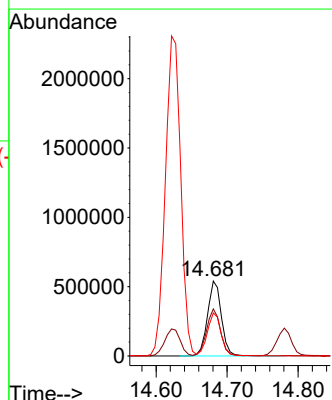
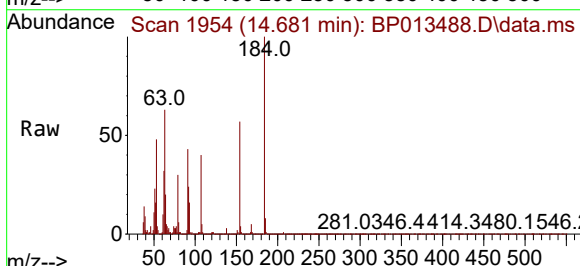
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

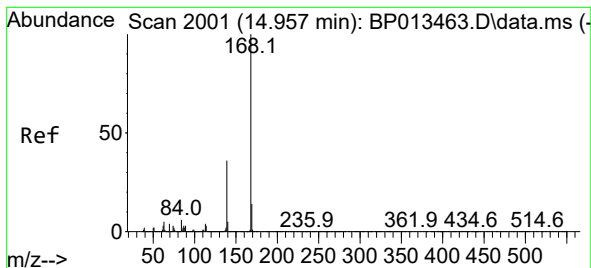
Tgt Ion:138 Resp: 1158014  
Ion Ratio Lower Upper  
138 100  
108 9.8 7.7 11.5  
92 111.8 88.2 132.2



#54  
2,4-Dinitrophenol  
Concen: 42.356 ng  
RT: 14.681 min Scan# 1954  
Delta R.T. -0.000 min  
Lab File: BP013488.D  
Acq: 17 Jan 2023 10:04

Tgt Ion:184 Resp: 735622  
Ion Ratio Lower Upper  
184 100  
63 62.7 49.8 74.8  
154 57.4 45.8 68.8





#55

Dibenzenofuran

Concen: 41.441 ng

RT: 14.957 min Scan# 2001

Delta R.T. -0.000 min

Lab File: BP013488.D

Acq: 17 Jan 2023 10:04

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

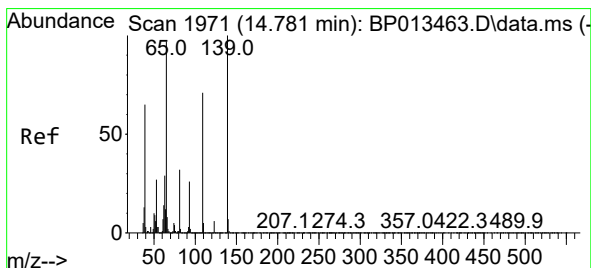
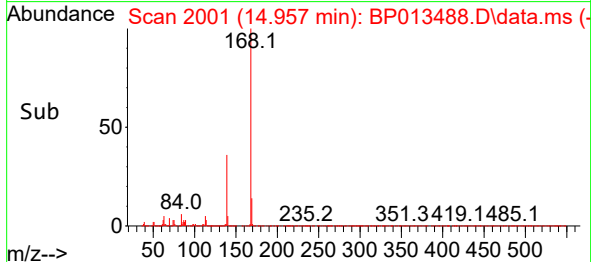
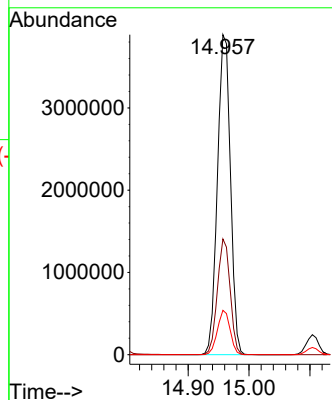
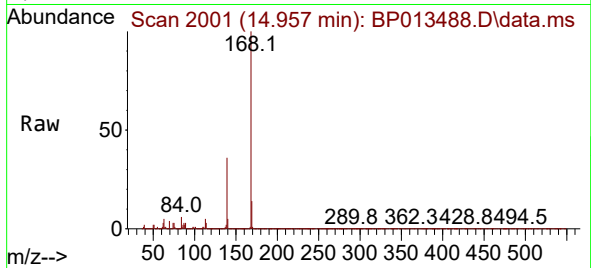
Tgt Ion:168 Resp: 5746039

Ion Ratio Lower Upper

168 100

139 36.2 28.6 43.0

169 13.8 11.0 16.6



#56

4-Nitrophenol

Concen: 42.621 ng

RT: 14.781 min Scan# 1971

Delta R.T. -0.000 min

Lab File: BP013488.D

Acq: 17 Jan 2023 10:04

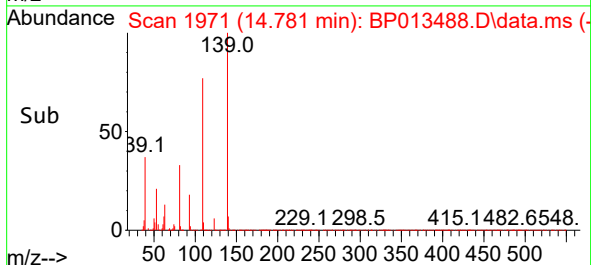
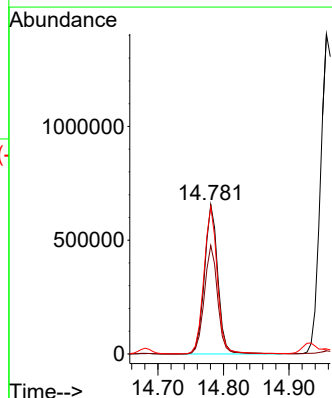
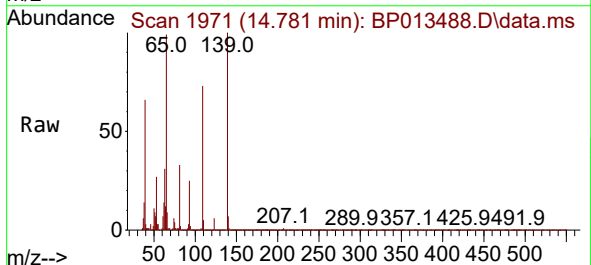
Tgt Ion:139 Resp: 936438

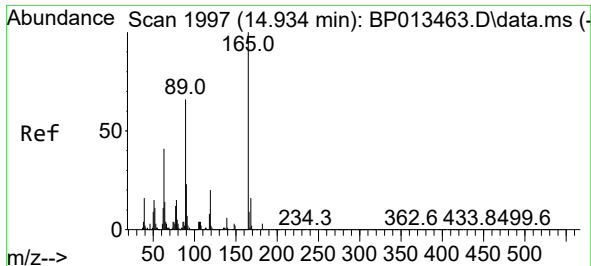
Ion Ratio Lower Upper

139 100

109 72.5 51.0 91.0

65 98.6 77.3 117.3

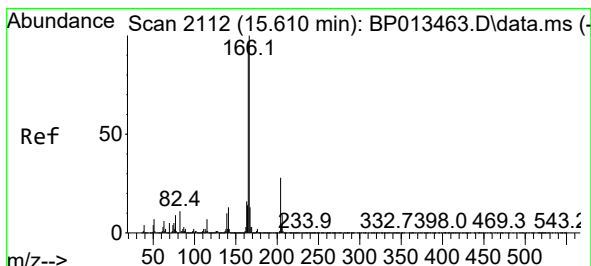
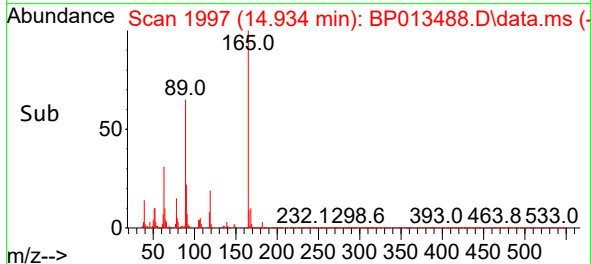
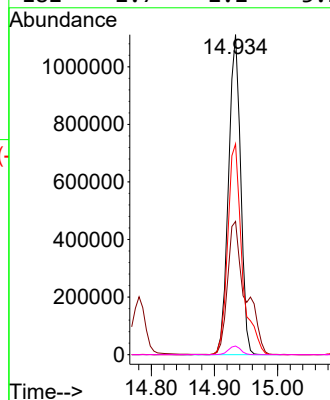
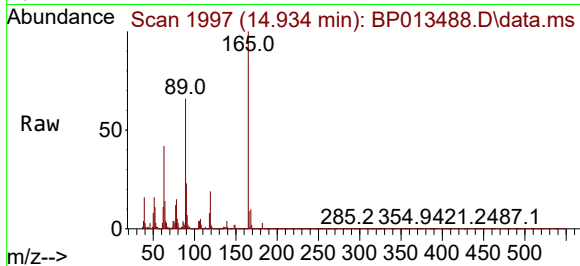




#57  
2,4-Dinitrotoluene  
Concen: 42.307 ng  
RT: 14.934 min Scan# 1997  
Delta R.T. -0.000 min  
Lab File: BP013488.D  
Acq: 17 Jan 2023 10:04

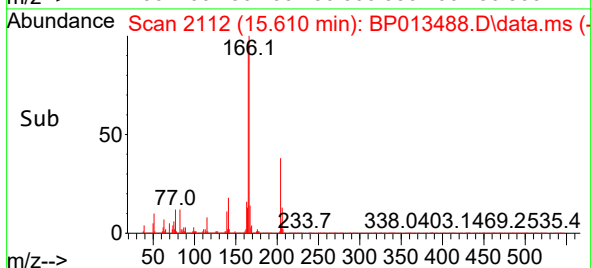
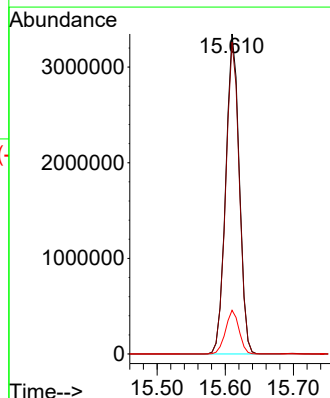
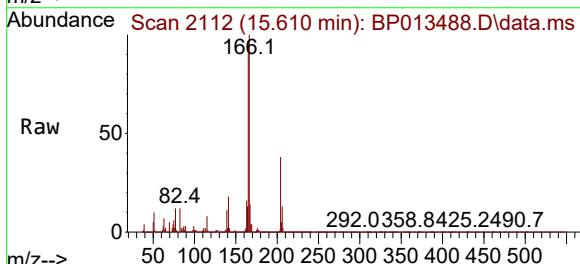
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

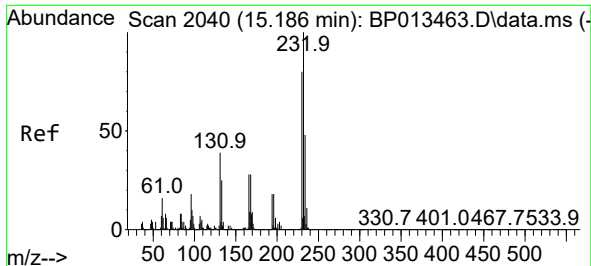
Tgt Ion:165 Resp: 1478698  
Ion Ratio Lower Upper  
165 100  
63 41.6 33.3 49.9  
89 65.9 52.6 78.8  
182 2.7 2.2 3.2



#58  
Fluorene  
Concen: 42.306 ng  
RT: 15.610 min Scan# 2112  
Delta R.T. -0.000 min  
Lab File: BP013488.D  
Acq: 17 Jan 2023 10:04

Tgt Ion:166 Resp: 4629057  
Ion Ratio Lower Upper  
166 100  
165 97.4 77.9 116.9  
167 13.7 10.7 16.1

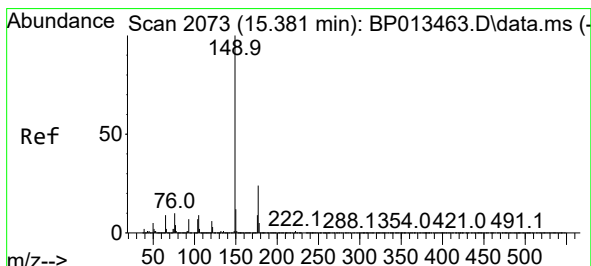
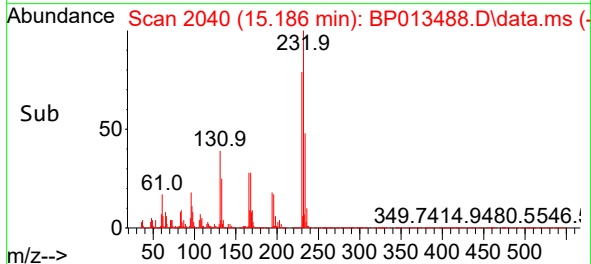
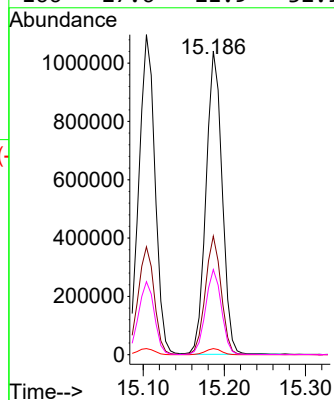
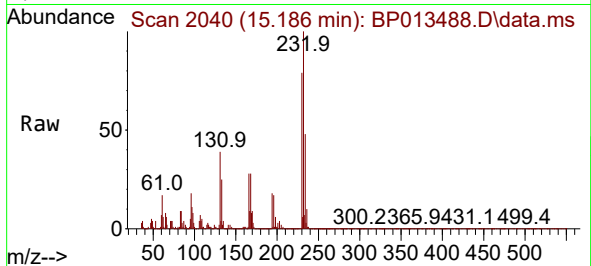




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 42.278 ng  
RT: 15.186 min Scan# 2040  
Delta R.T. -0.000 min  
Lab File: BP013488.D  
Acq: 17 Jan 2023 10:04

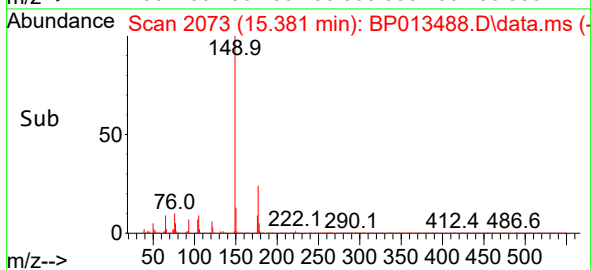
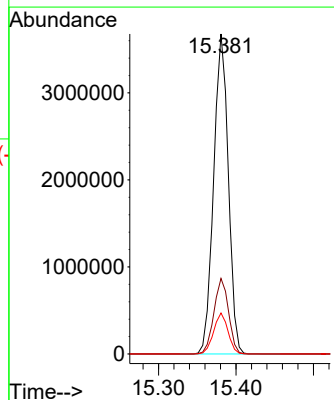
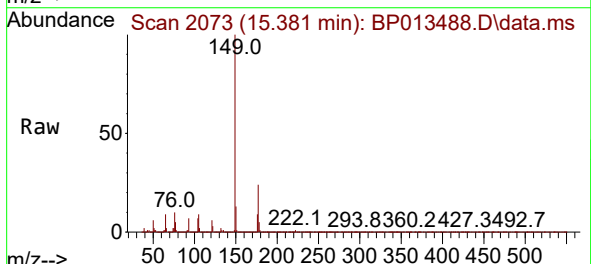
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

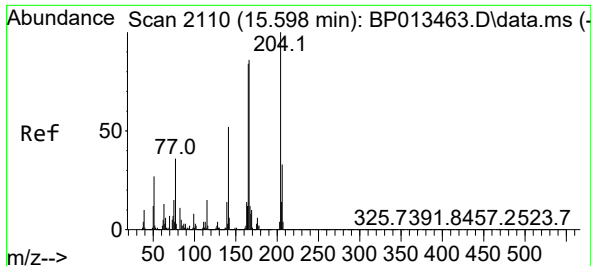
Tgt Ion:232 Resp: 1428527  
Ion Ratio Lower Upper  
232 100  
131 38.5 30.3 45.5  
130 2.0 1.7 2.5  
166 27.6 21.9 32.9



#60  
Diethylphthalate  
Concen: 42.080 ng  
RT: 15.381 min Scan# 2073  
Delta R.T. -0.000 min  
Lab File: BP013488.D  
Acq: 17 Jan 2023 10:04

Tgt Ion:149 Resp: 4824683  
Ion Ratio Lower Upper  
149 100  
177 23.6 18.8 28.2  
150 12.8 9.9 14.9

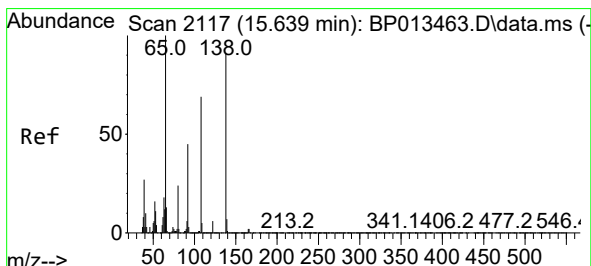
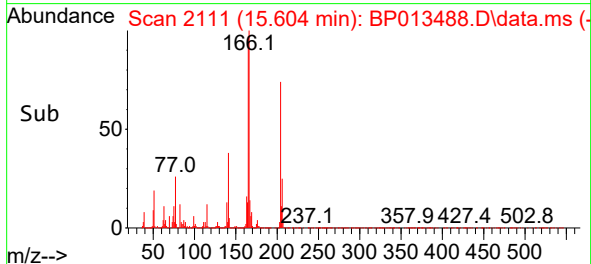
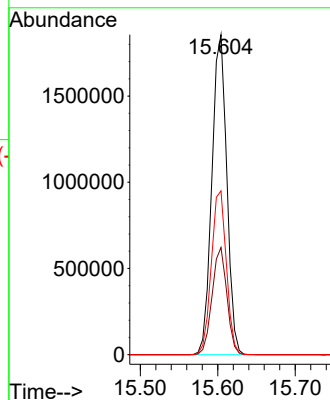
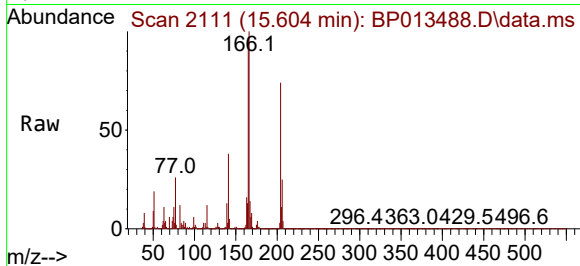




#61  
4-Chlorophenyl-phenylether  
Concen: 42.677 ng  
RT: 15.604 min Scan# 2110  
Delta R.T. 0.006 min  
Lab File: BP013488.D  
Acq: 17 Jan 2023 10:04

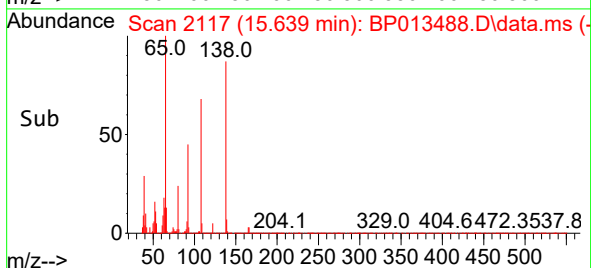
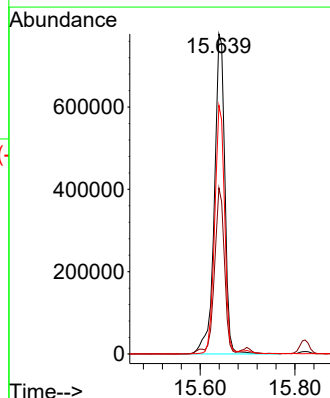
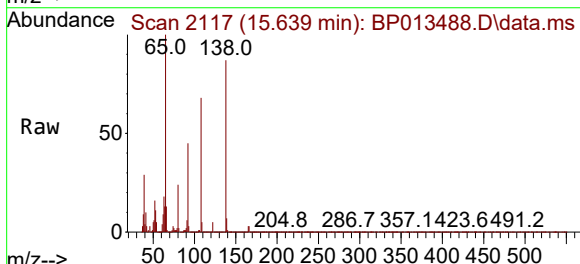
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

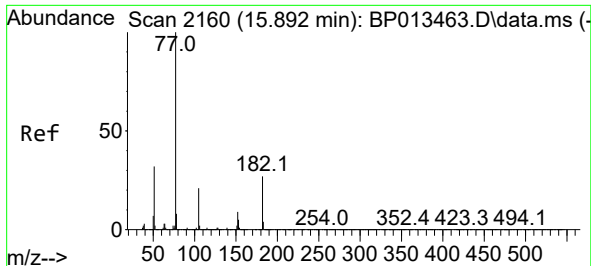
Tgt Ion:204 Resp: 2479920  
Ion Ratio Lower Upper  
204 100  
206 33.5 26.4 39.6  
141 51.2 41.3 61.9



#62  
4-Nitroaniline  
Concen: 42.546 ng  
RT: 15.639 min Scan# 2117  
Delta R.T. -0.000 min  
Lab File: BP013488.D  
Acq: 17 Jan 2023 10:04

Tgt Ion:138 Resp: 1191141  
Ion Ratio Lower Upper  
138 100  
92 51.9 29.7 69.7  
108 77.7 55.8 95.8



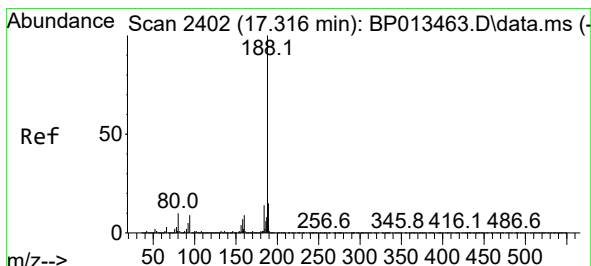
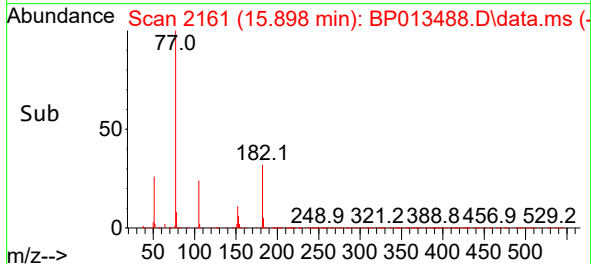
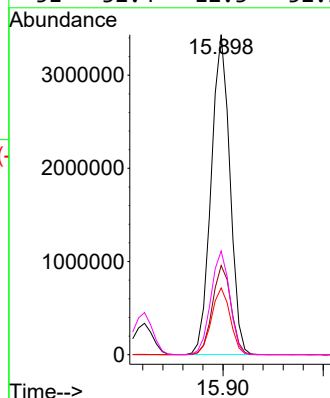
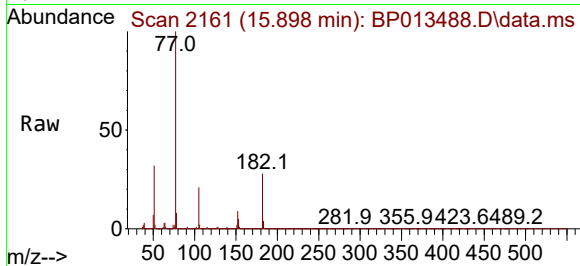


#63  
Azobenzene  
Concen: 42.184 ng  
RT: 15.898 min Scan# 2160  
Delta R.T. 0.006 min  
Lab File: BP013488.D  
Acq: 17 Jan 2023 10:04

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 77 Resp: 4441006

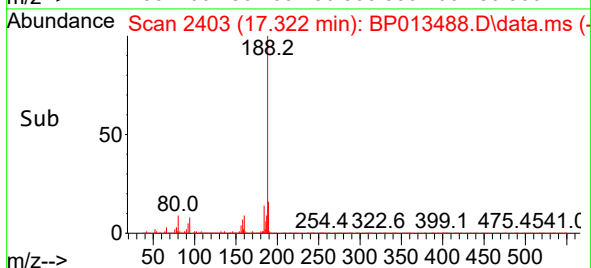
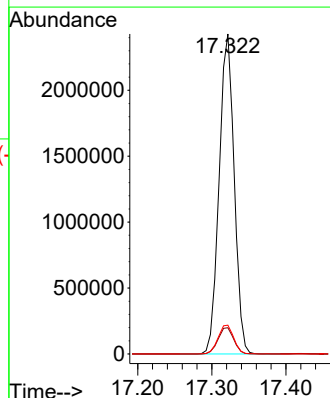
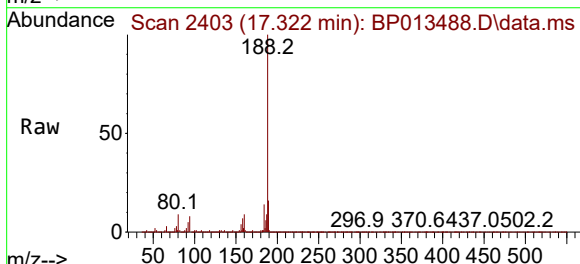
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 27.8  | 7.0   | 47.0  |
| 105 | 20.9  | 1.0   | 41.0  |
| 51  | 32.4  | 12.3  | 52.3  |

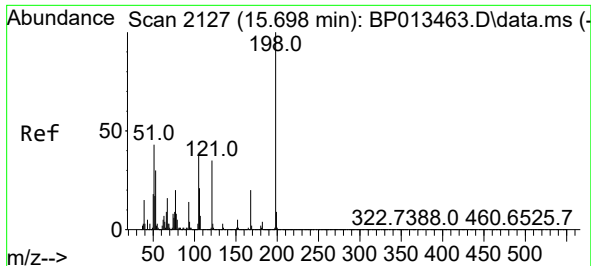


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.322 min Scan# 2403  
Delta R.T. 0.006 min  
Lab File: BP013488.D  
Acq: 17 Jan 2023 10:04

Tgt Ion: 188 Resp: 3424534

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 8.2   | 7.1   | 10.7  |
| 80  | 9.0   | 7.9   | 11.9  |

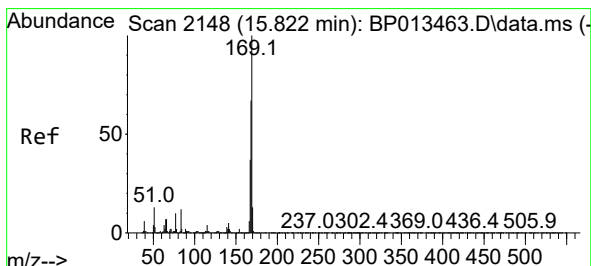
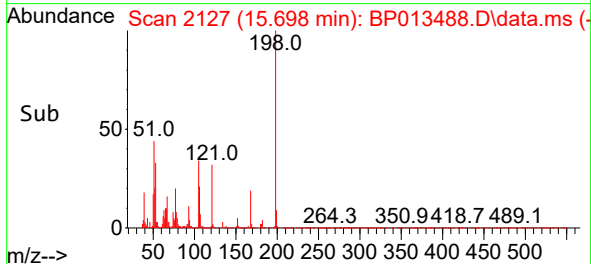
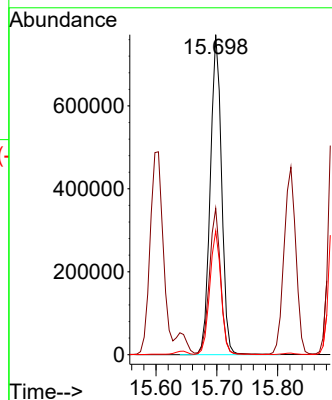
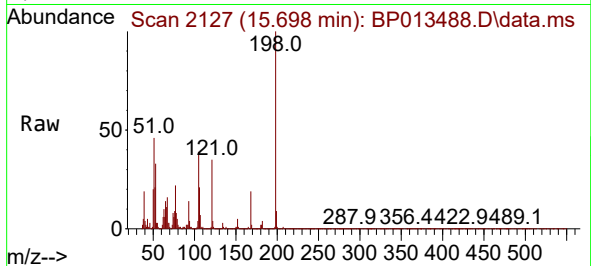




#65  
4,6-Dinitro-2-methylphenol  
Concen: 42.469 ng  
RT: 15.698 min Scan# 2127  
Delta R.T. -0.000 min  
Lab File: BP013488.D  
Acq: 17 Jan 2023 10:04

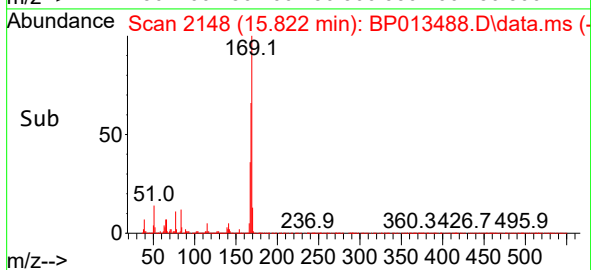
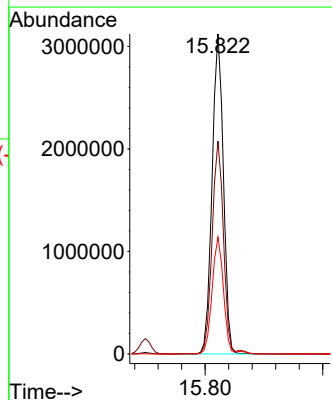
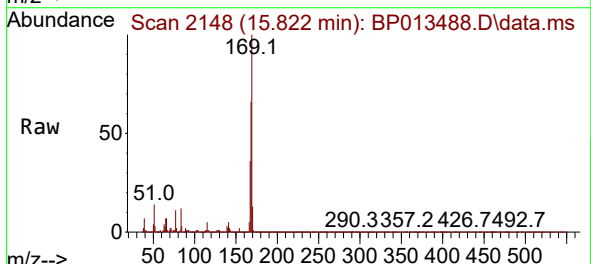
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

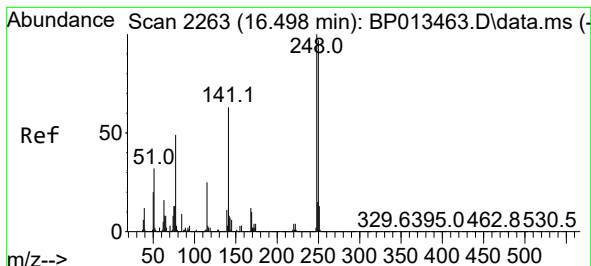
Tgt Ion:198 Resp: 994638  
Ion Ratio Lower Upper  
198 100  
51 45.7 23.6 63.6  
105 38.7 17.9 57.9



#66  
n-Nitrosodiphenylamine  
Concen: 41.253 ng  
RT: 15.822 min Scan# 2148  
Delta R.T. -0.000 min  
Lab File: BP013488.D  
Acq: 17 Jan 2023 10:04

Tgt Ion:169 Resp: 4151156  
Ion Ratio Lower Upper  
169 100  
168 66.5 53.3 79.9  
167 36.5 29.4 44.0

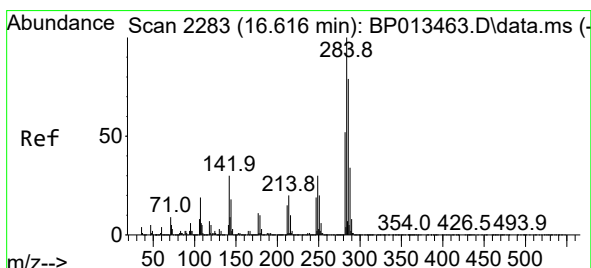
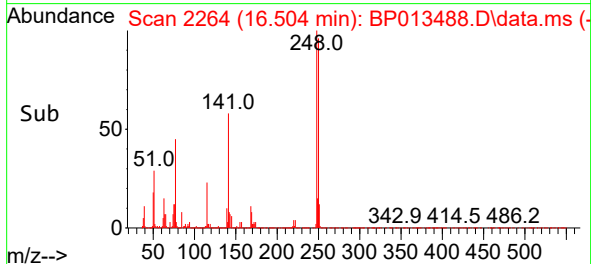
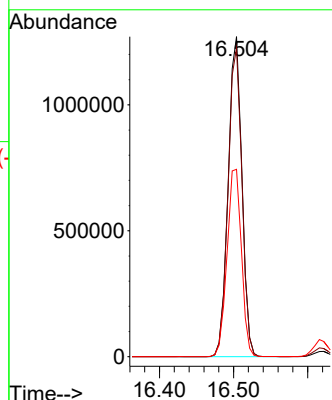
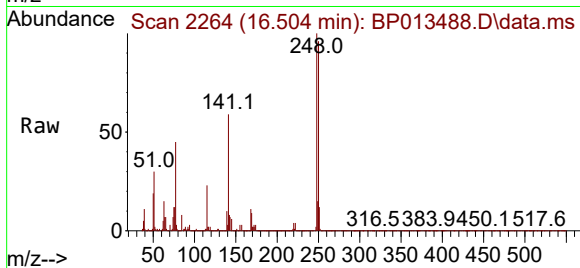




#67  
4-Bromophenyl-phenylether  
Concen: 41.511 ng  
RT: 16.504 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BP013488.D  
Acq: 17 Jan 2023 10:04

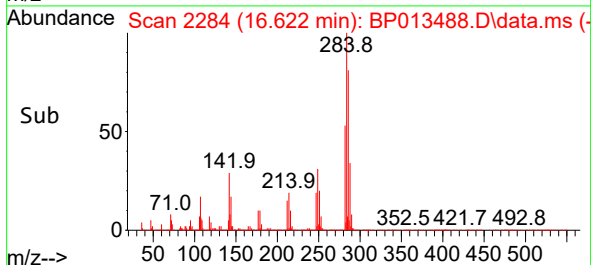
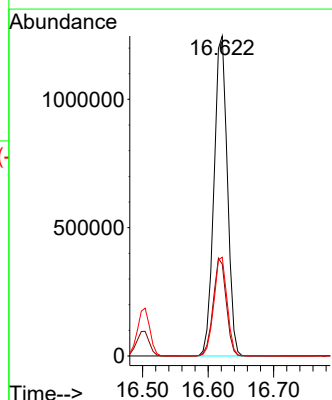
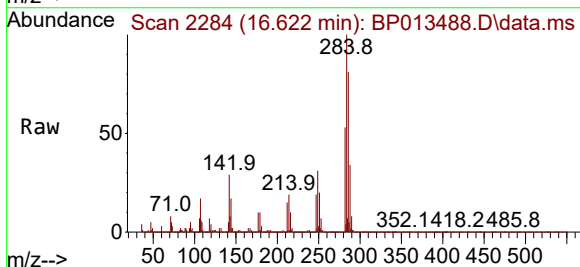
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

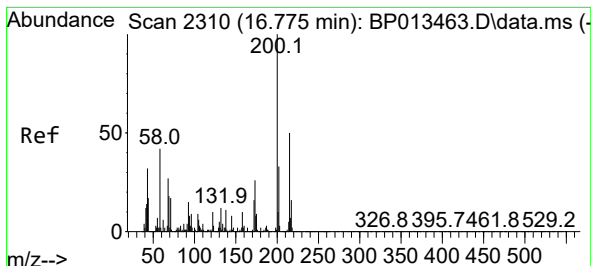
Tgt Ion:248 Resp: 1636486  
Ion Ratio Lower Upper  
248 100  
250 96.5 77.7 116.5  
141 58.6 50.2 75.4



#68  
Hexachlorobenzene  
Concen: 41.008 ng  
RT: 16.622 min Scan# 2284  
Delta R.T. 0.006 min  
Lab File: BP013488.D  
Acq: 17 Jan 2023 10:04

Tgt Ion:284 Resp: 1760475  
Ion Ratio Lower Upper  
284 100  
142 28.7 23.9 35.9  
249 30.9 24.1 36.1





#69

Atrazine

Concen: 41.834 ng

RT: 16.780 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP013488.D

Acq: 17 Jan 2023 10:04

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

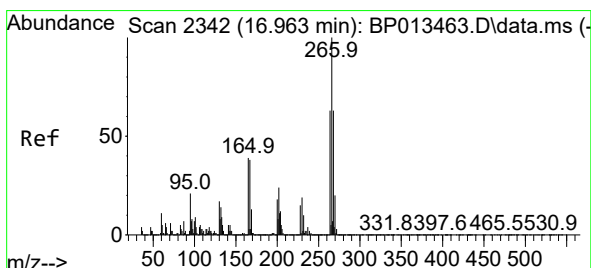
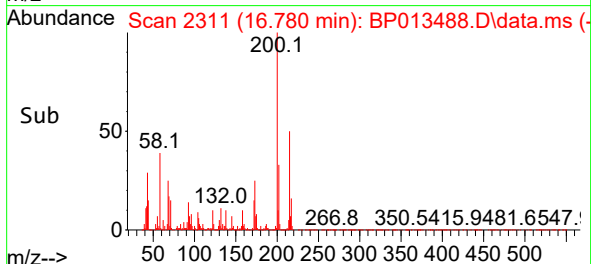
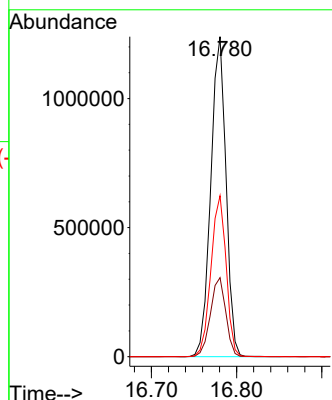
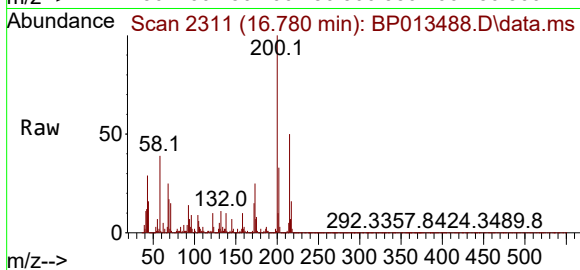
Tgt Ion:200 Resp: 1541791

Ion Ratio Lower Upper

200 100

173 24.7 5.9 45.9

215 50.3 30.0 70.0



#70

Pentachlorophenol

Concen: 43.165 ng

RT: 16.969 min Scan# 2343

Delta R.T. 0.006 min

Lab File: BP013488.D

Acq: 17 Jan 2023 10:04

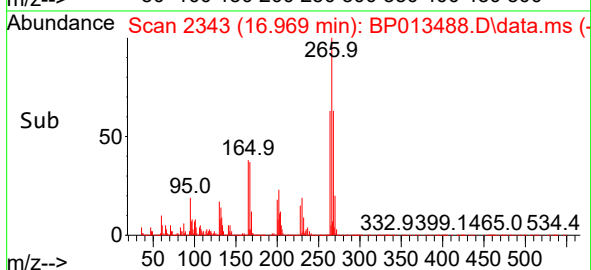
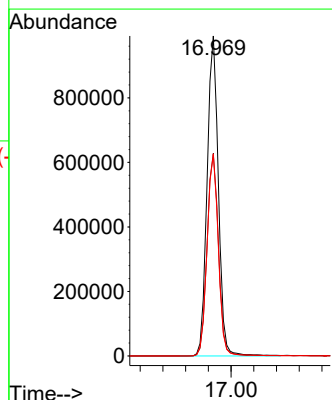
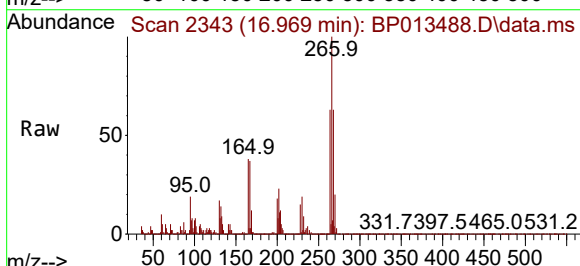
Tgt Ion:266 Resp: 1358146

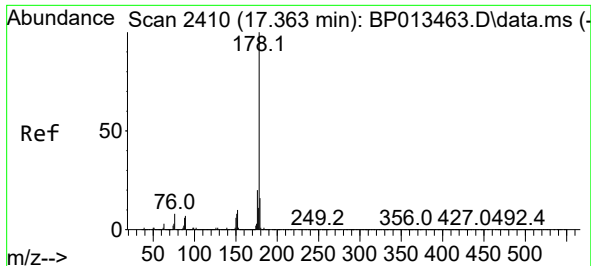
Ion Ratio Lower Upper

266 100

268 63.3 50.7 76.1

264 63.0 50.4 75.6

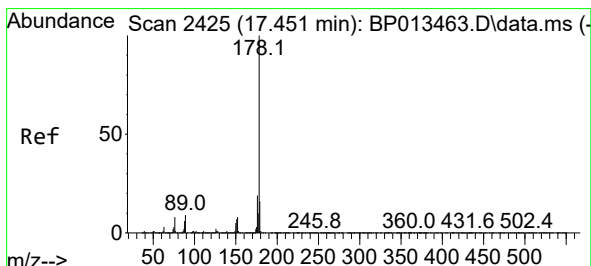
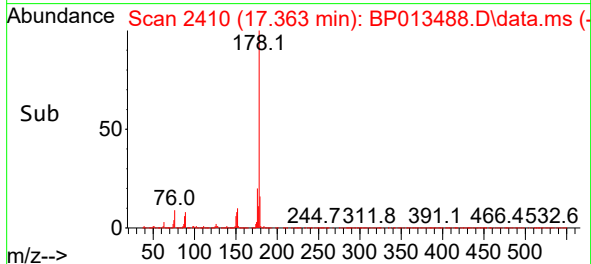
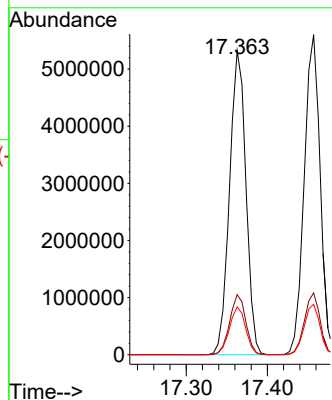
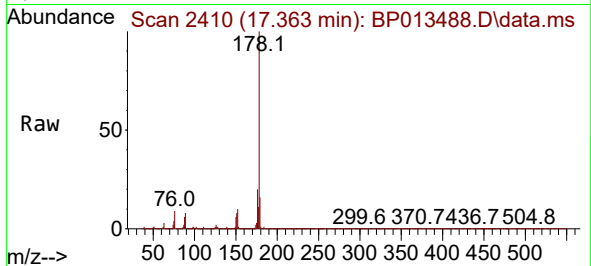




#71  
Phenanthrene  
Concen: 41.312 ng  
RT: 17.363 min Scan# 2410  
Delta R.T. -0.000 min  
Lab File: BP013488.D  
Acq: 17 Jan 2023 10:04

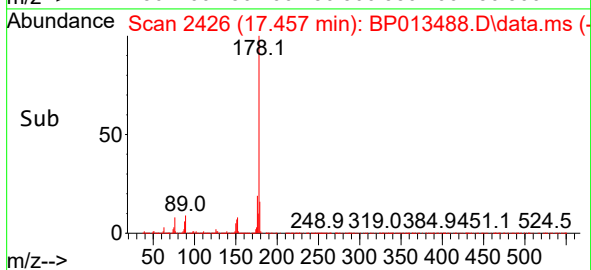
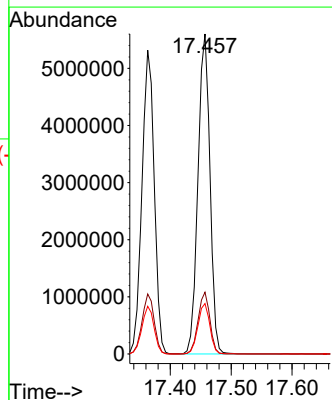
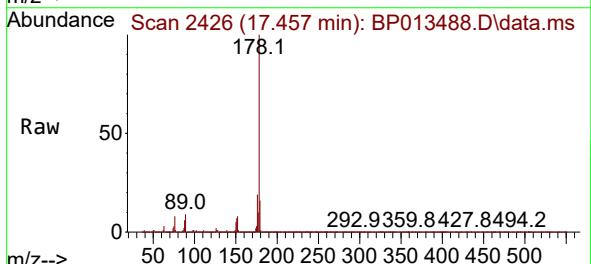
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

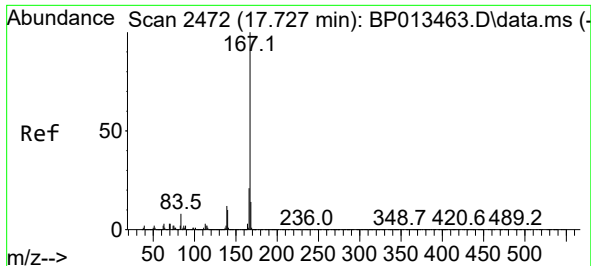
Tgt Ion:178 Resp: 7464553  
Ion Ratio Lower Upper  
178 100  
176 19.8 15.8 23.6  
179 15.7 12.6 19.0



#72  
Anthracene  
Concen: 41.674 ng  
RT: 17.457 min Scan# 2426  
Delta R.T. 0.006 min  
Lab File: BP013488.D  
Acq: 17 Jan 2023 10:04

Tgt Ion:178 Resp: 7662348  
Ion Ratio Lower Upper  
178 100  
176 19.3 15.2 22.8  
179 15.8 12.6 18.8



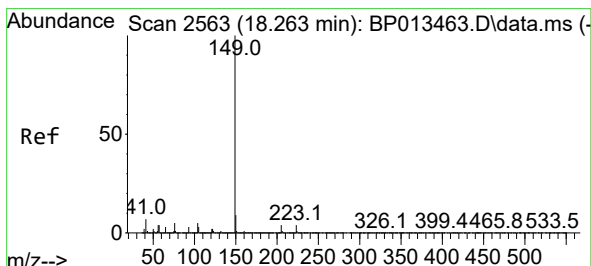
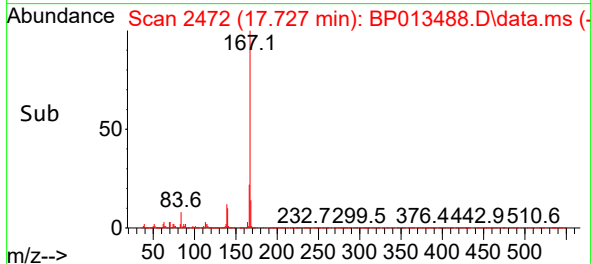
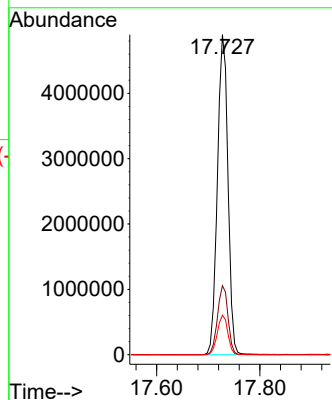
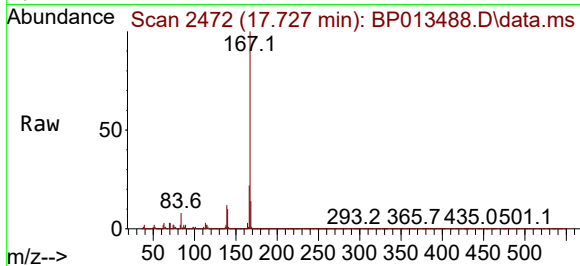


#73  
 Carbazole  
 Concen: 41.348 ng  
 RT: 17.727 min Scan# 2472  
 Delta R.T. -0.000 min  
 Lab File: BP013488.D  
 Acq: 17 Jan 2023 10:04

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:167 Resp: 6924178  

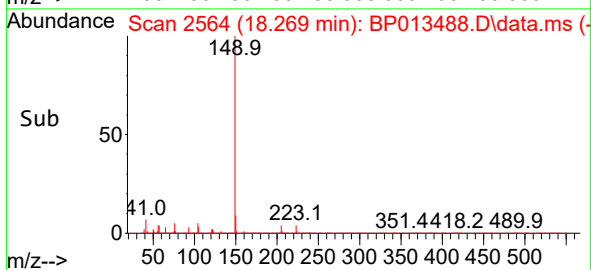
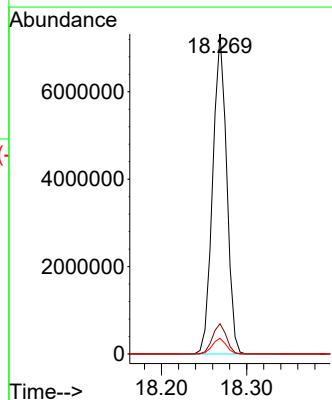
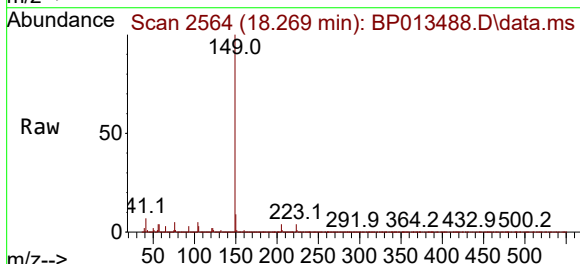
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 21.5  | 17.2  | 25.8  |
| 139 | 12.4  | 9.9   | 14.9  |

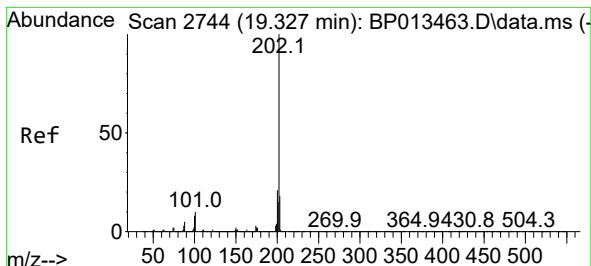


#74  
 Di-n-butylphthalate  
 Concen: 42.831 ng  
 RT: 18.269 min Scan# 2564  
 Delta R.T. 0.006 min  
 Lab File: BP013488.D  
 Acq: 17 Jan 2023 10:04

Tgt Ion:149 Resp: 8325270  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.5   | 7.5   | 11.3  |
| 104 | 4.9   | 3.9   | 5.9   |





#75

Fluoranthene

Concen: 42.266 ng

RT: 19.333 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP013488.D

Acq: 17 Jan 2023 10:04

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

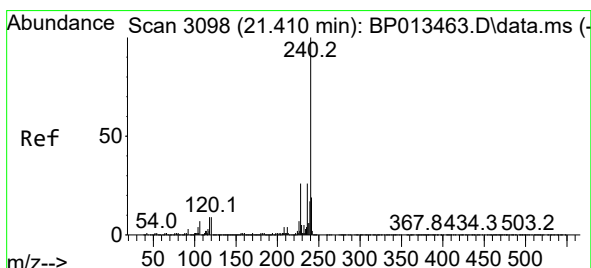
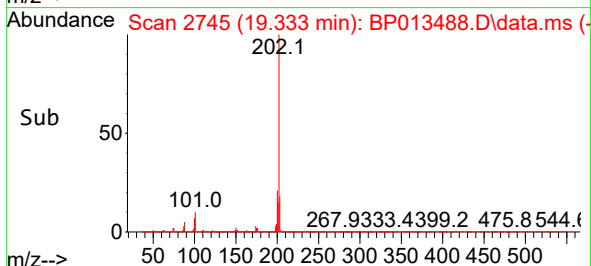
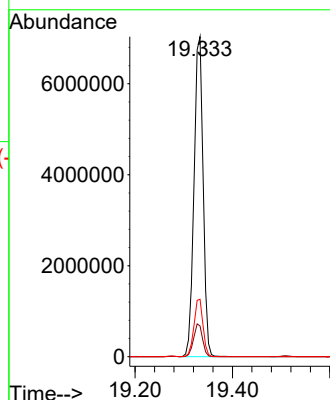
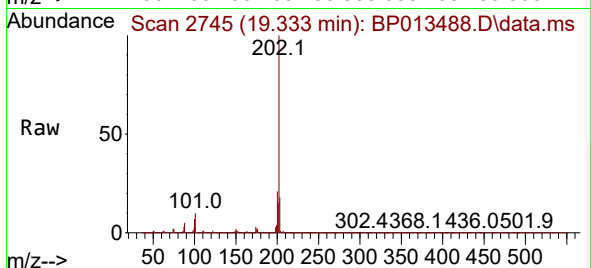
Tgt Ion:202 Resp: 9173423

Ion Ratio Lower Upper

202 100

101 9.6 0.0 30.3

203 17.9 0.0 37.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.416 min Scan# 3099

Delta R.T. 0.006 min

Lab File: BP013488.D

Acq: 17 Jan 2023 10:04

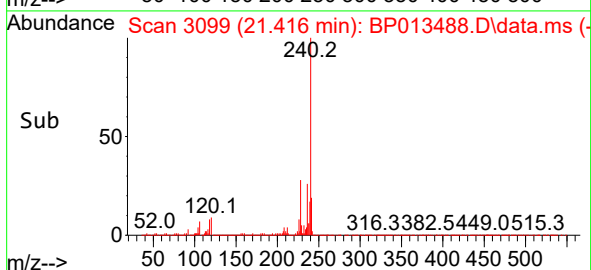
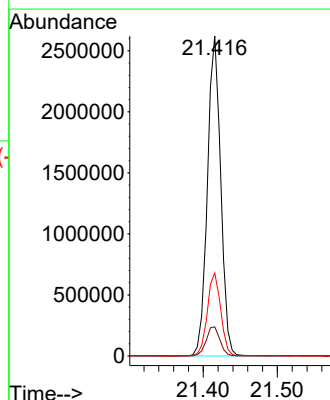
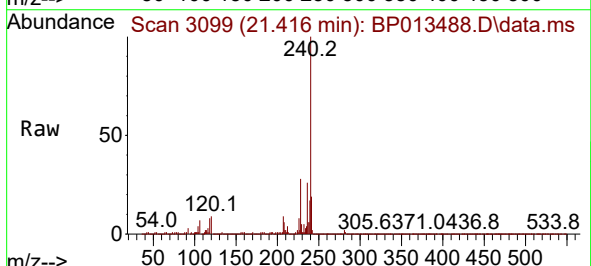
Tgt Ion:240 Resp: 3264682

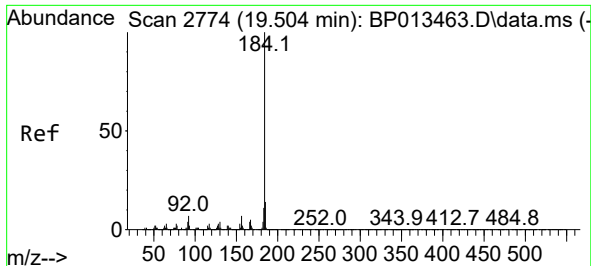
Ion Ratio Lower Upper

240 100

120 9.1 7.4 11.0

236 25.9 21.2 31.8

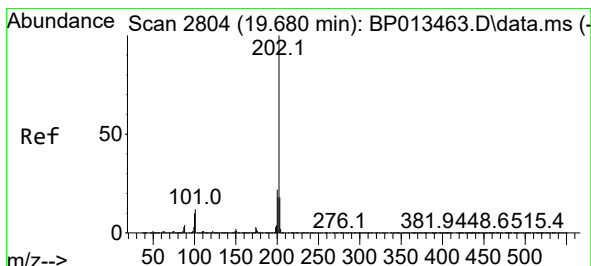
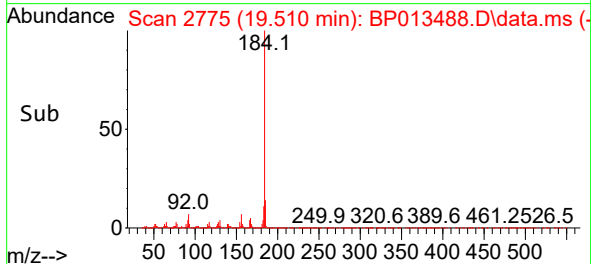
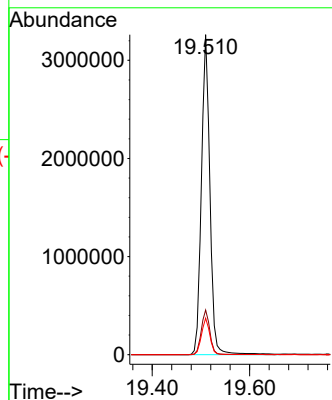
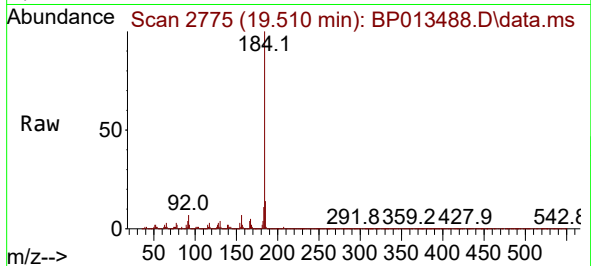




#77  
Benzidine  
Concen: 41.103 ng  
RT: 19.510 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BP013488.D  
Acq: 17 Jan 2023 10:04

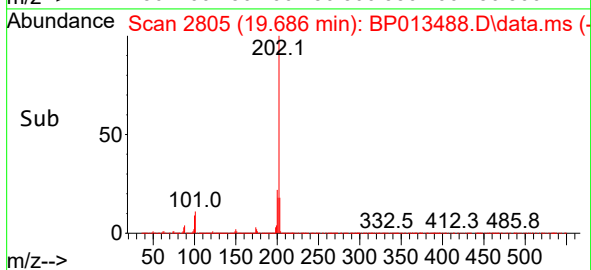
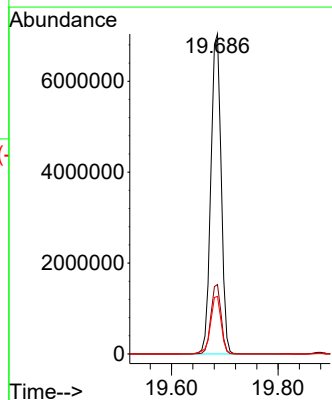
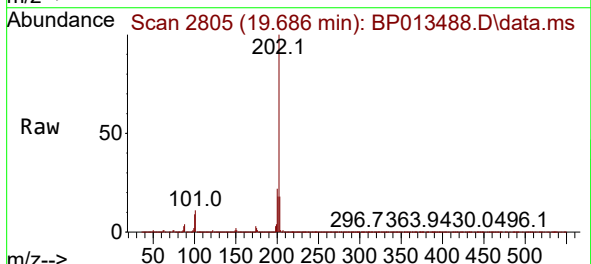
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

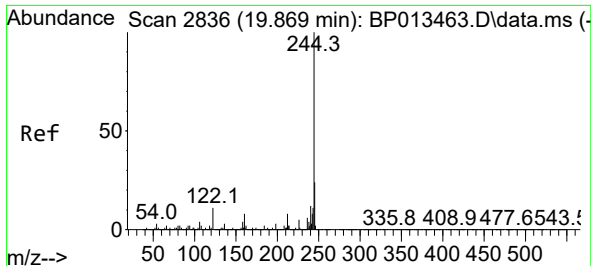
Tgt Ion:184 Resp: 3987238  
Ion Ratio Lower Upper  
184 100  
185 14.0 11.3 16.9  
183 11.4 9.1 13.7



#78  
Pyrene  
Concen: 44.042 ng  
RT: 19.686 min Scan# 2805  
Delta R.T. 0.006 min  
Lab File: BP013488.D  
Acq: 17 Jan 2023 10:04

Tgt Ion:202 Resp: 9456812  
Ion Ratio Lower Upper  
202 100  
200 21.7 17.4 26.2  
203 18.0 14.6 21.8

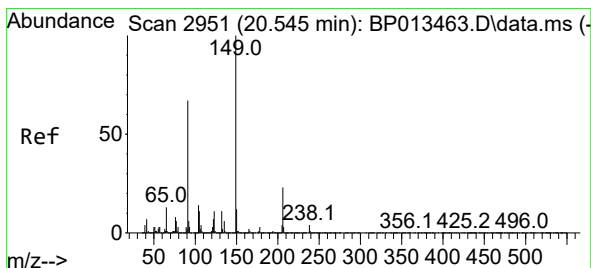
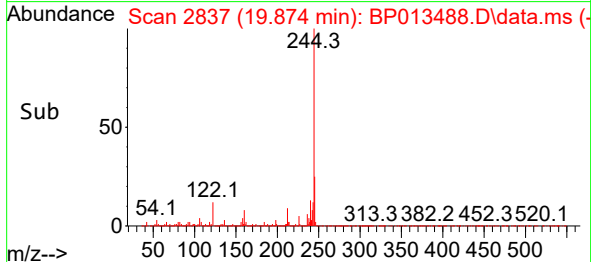
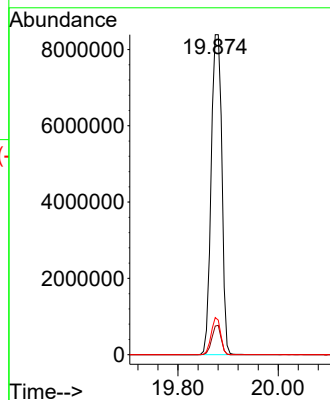
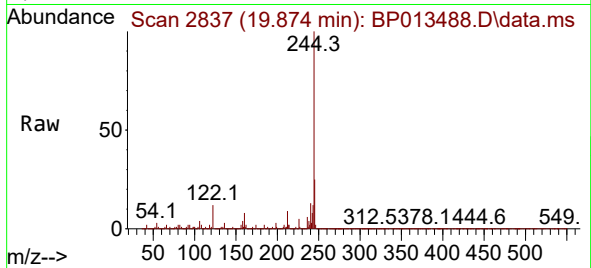




#79  
 Terphenyl-d14  
 Concen: 77.360 ng  
 RT: 19.874 min Scan# 21  
 Delta R.T. 0.005 min  
 Lab File: BP013488.D  
 Acq: 17 Jan 2023 10:04

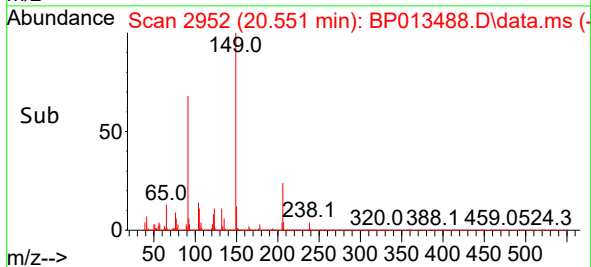
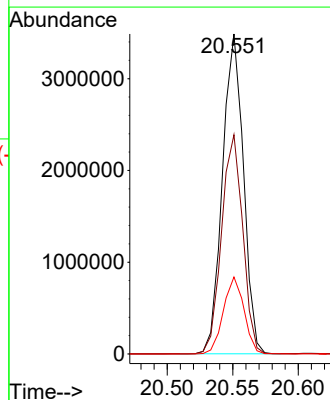
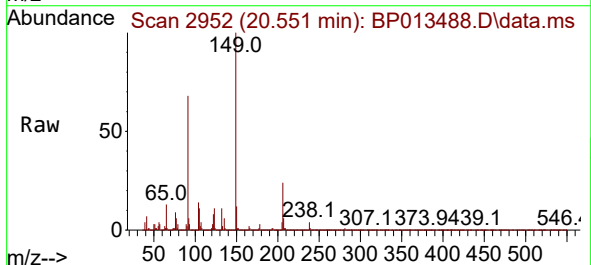
Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDCCC040

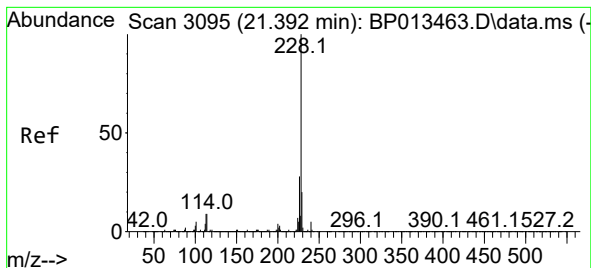
Tgt Ion:244 Resp:12353390  
 Ion Ratio Lower Upper  
 244 100  
 212 8.9 6.8 10.2  
 122 11.6 8.8 13.2



#80  
 Butylbenzylphthalate  
 Concen: 41.734 ng  
 RT: 20.551 min Scan# 2952  
 Delta R.T. 0.006 min  
 Lab File: BP013488.D  
 Acq: 17 Jan 2023 10:04

Tgt Ion:149 Resp: 3873684  
 Ion Ratio Lower Upper  
 149 100  
 91 68.5 53.2 79.8  
 206 24.1 18.8 28.2





#81

Benzo(a)anthracene

Concen: 42.600 ng

RT: 21.398 min Scan# 3095

Delta R.T. 0.006 min

Lab File: BP013488.D

Acq: 17 Jan 2023 10:04

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

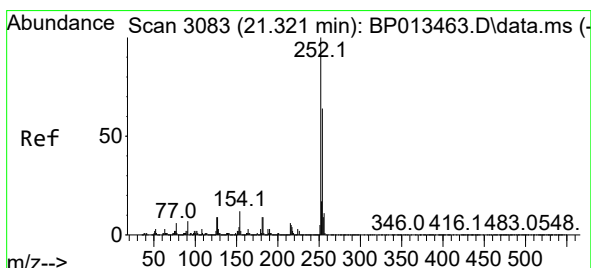
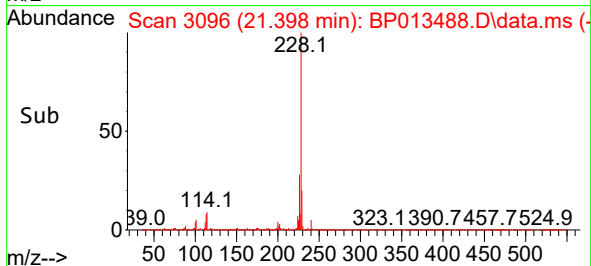
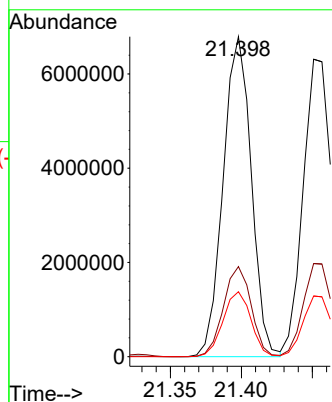
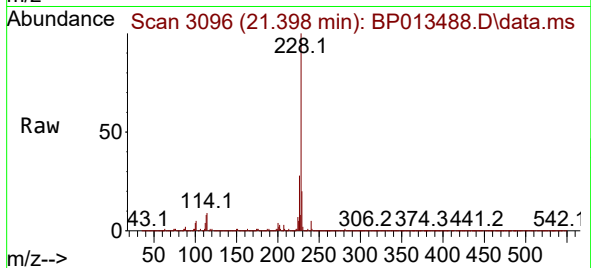
Tgt Ion:228 Resp: 9366087

Ion Ratio Lower Upper

228 100

226 28.1 22.6 34.0

229 20.3 16.4 24.6



#82

3,3'-Dichlorobenzidine

Concen: 40.485 ng

RT: 21.327 min Scan# 3084

Delta R.T. 0.006 min

Lab File: BP013488.D

Acq: 17 Jan 2023 10:04

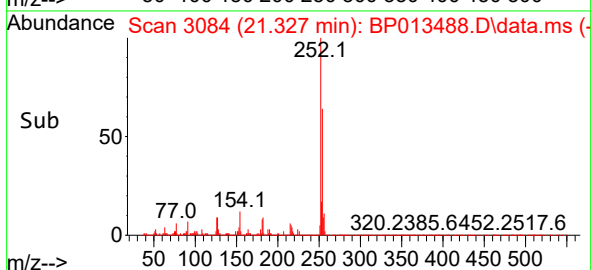
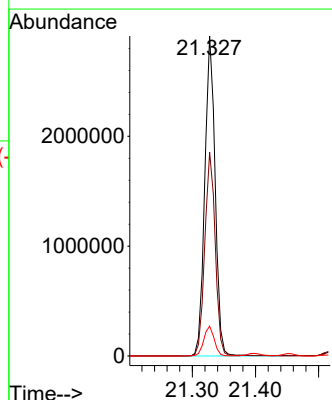
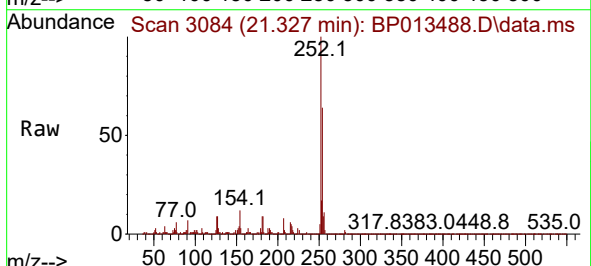
Tgt Ion:252 Resp: 3325507

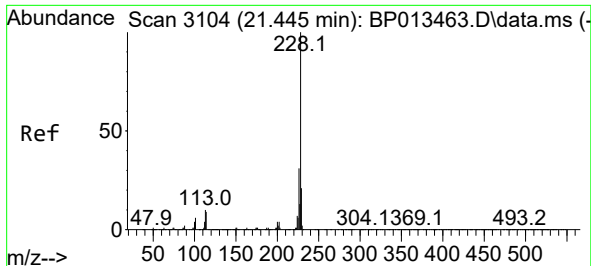
Ion Ratio Lower Upper

252 100

254 63.7 51.0 76.6

126 9.3 7.6 11.4

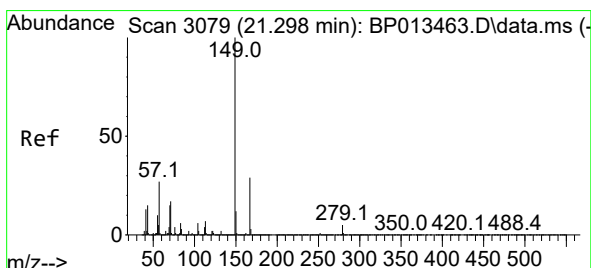
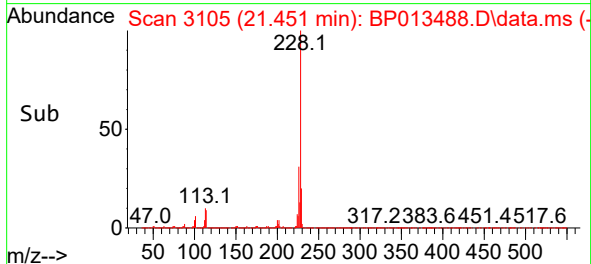
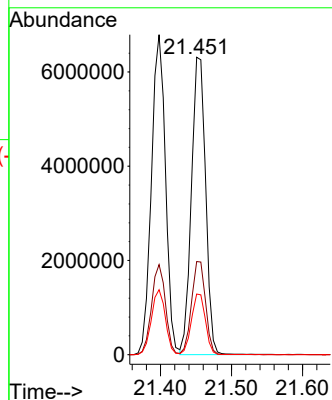
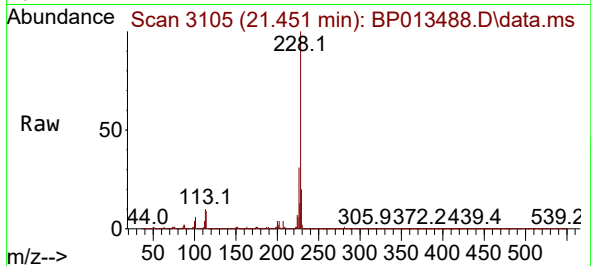




#83  
Chrysene  
Concen: 42.243 ng  
RT: 21.451 min Scan# 3104  
Delta R.T. 0.006 min  
Lab File: BP013488.D  
Acq: 17 Jan 2023 10:04

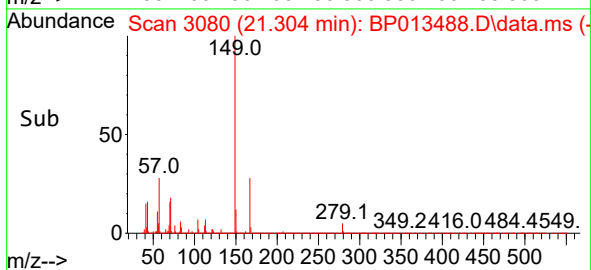
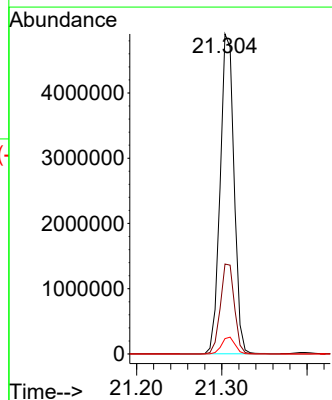
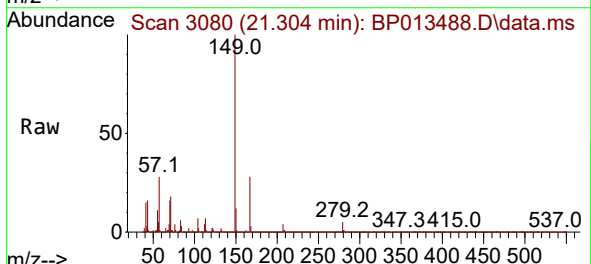
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

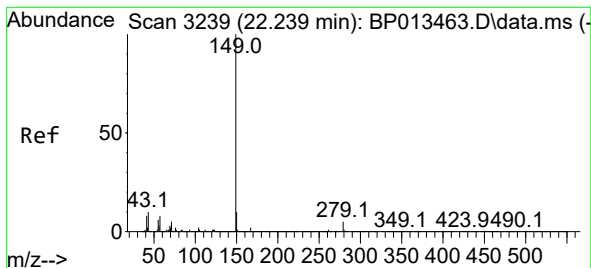
Tgt Ion:228 Resp: 8775325  
Ion Ratio Lower Upper  
228 100  
226 31.3 25.1 37.7  
229 20.4 16.5 24.7



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 41.192 ng  
RT: 21.304 min Scan# 3080  
Delta R.T. 0.006 min  
Lab File: BP013488.D  
Acq: 17 Jan 2023 10:04

Tgt Ion:149 Resp: 5532805  
Ion Ratio Lower Upper  
149 100  
167 28.1 23.0 34.4  
279 4.8 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 39.524 ng

RT: 22.251 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP013488.D

Acq: 17 Jan 2023 10:04

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

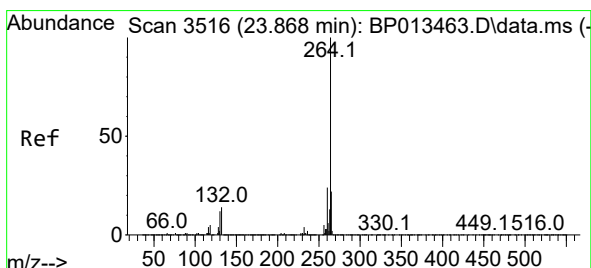
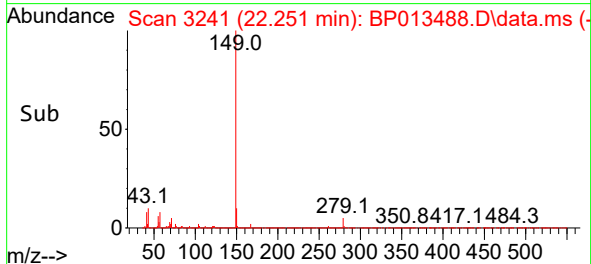
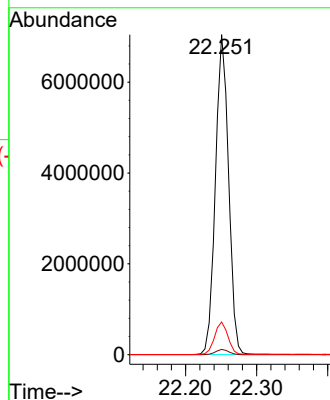
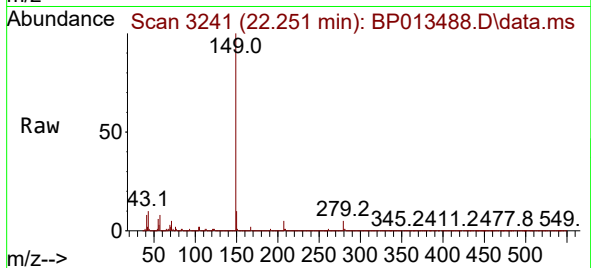
Tgt Ion:149 Resp: 9012336

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.4 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.874 min Scan# 3517

Delta R.T. 0.006 min

Lab File: BP013488.D

Acq: 17 Jan 2023 10:04

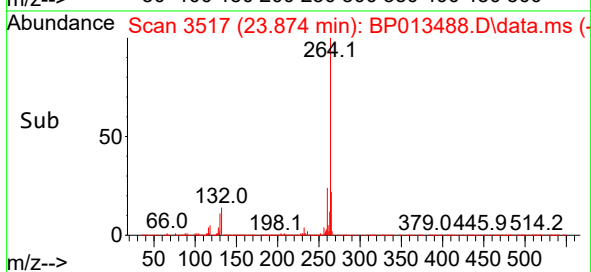
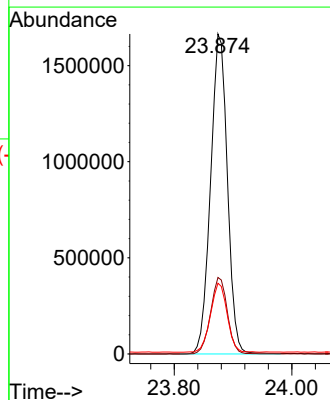
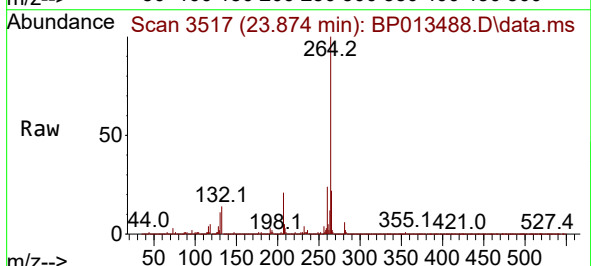
Tgt Ion:264 Resp: 3304842

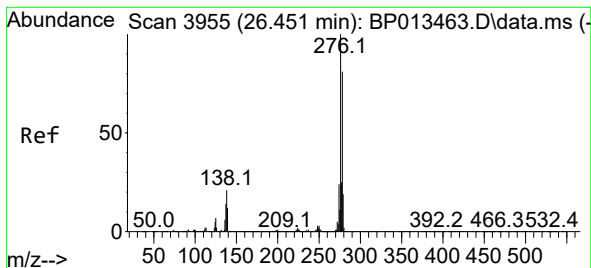
Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.2

265 22.1 18.1 27.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 35.955 ng

RT: 26.462 min Scan# 3955

Delta R.T. 0.012 min

Lab File: BP013488.D

Acq: 17 Jan 2023 10:04

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

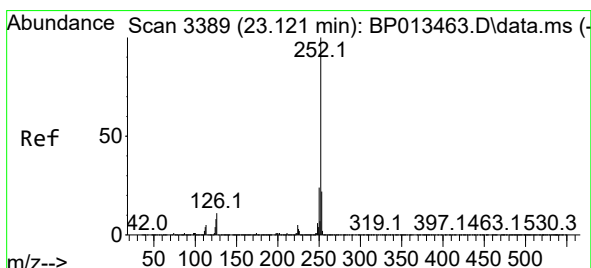
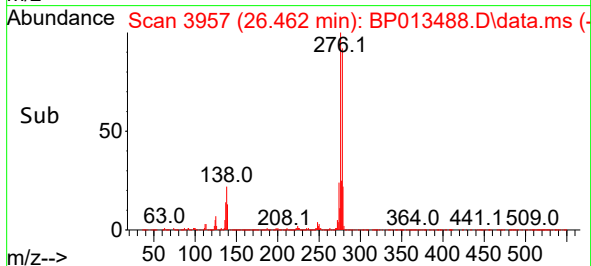
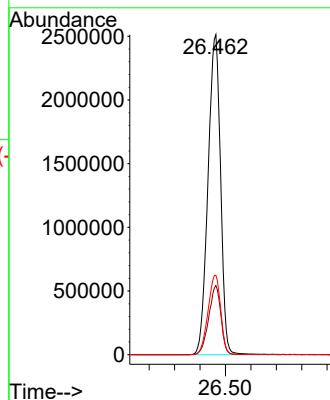
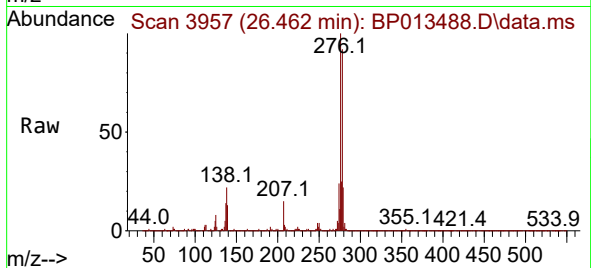
Tgt Ion:276 Resp: 8593163

Ion Ratio Lower Upper

276 100

138 20.9 17.0 25.4

277 25.1 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 44.529 ng

RT: 23.127 min Scan# 3390

Delta R.T. 0.006 min

Lab File: BP013488.D

Acq: 17 Jan 2023 10:04

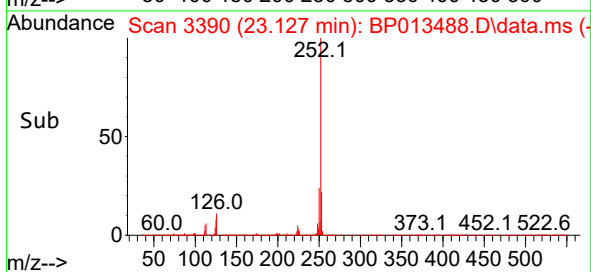
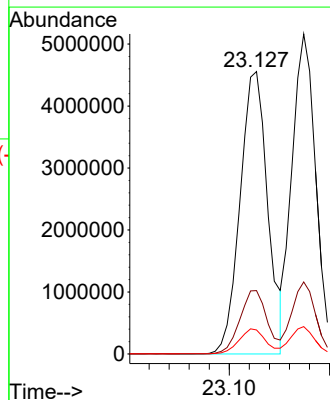
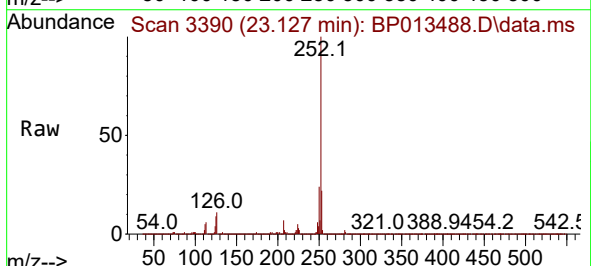
Tgt Ion:252 Resp: 8737742

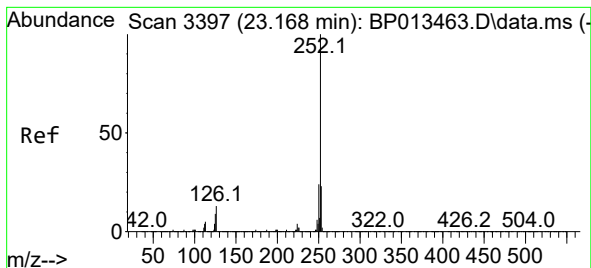
Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.6

125 8.5 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 44.550 ng

RT: 23.174 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP013488.D

Acq: 17 Jan 2023 10:04

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

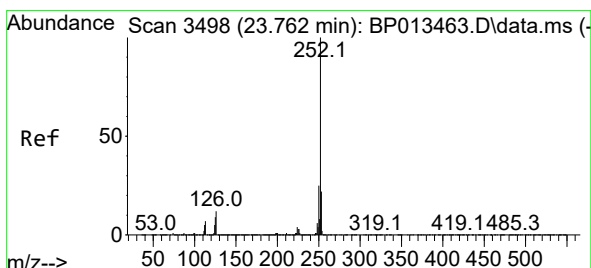
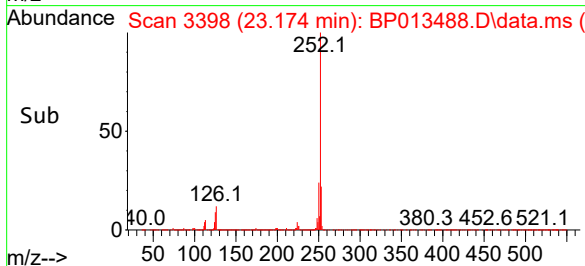
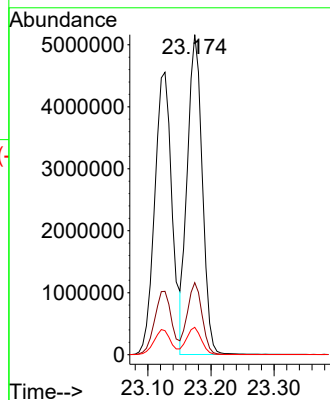
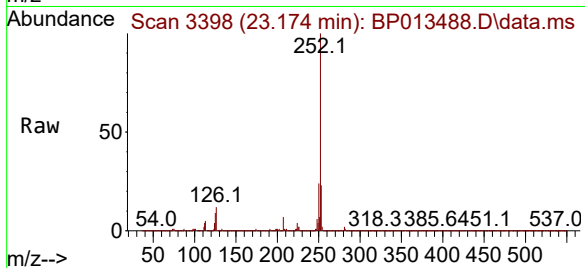
Tgt Ion:252 Resp: 8484898

Ion Ratio Lower Upper

252 100

253 22.5 18.1 27.1

125 8.6 6.9 10.3



#90

Benzo(a)pyrene

Concen: 42.279 ng

RT: 23.768 min Scan# 3499

Delta R.T. 0.006 min

Lab File: BP013488.D

Acq: 17 Jan 2023 10:04

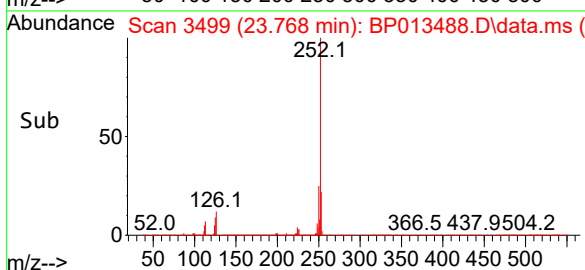
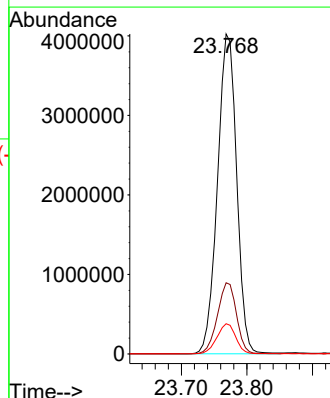
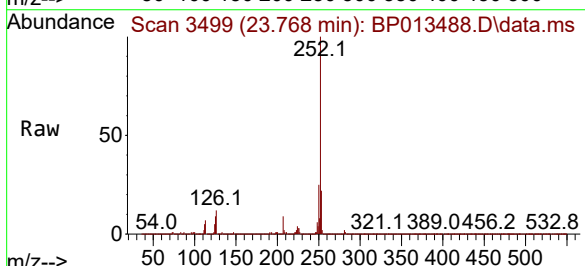
Tgt Ion:252 Resp: 8150088

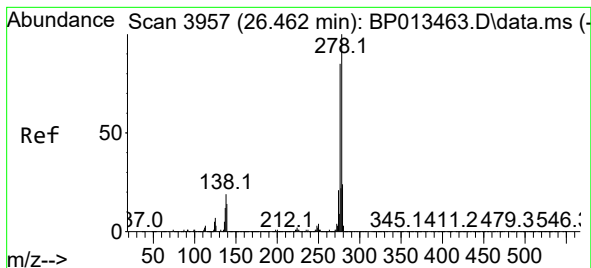
Ion Ratio Lower Upper

252 100

253 22.2 18.0 27.0

125 9.4 7.6 11.4





#91

Dibenzo(a,h)anthracene

Concen: 35.911 ng

RT: 26.474 min Scan# 3957

Delta R.T. 0.012 min

Lab File: BP013488.D

Acq: 17 Jan 2023 10:04

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

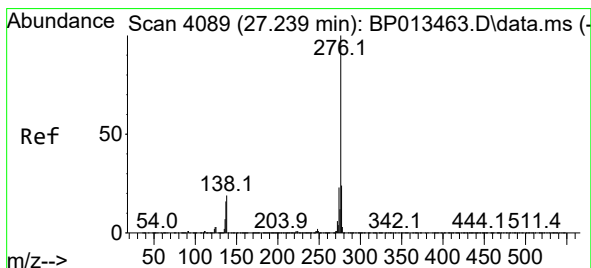
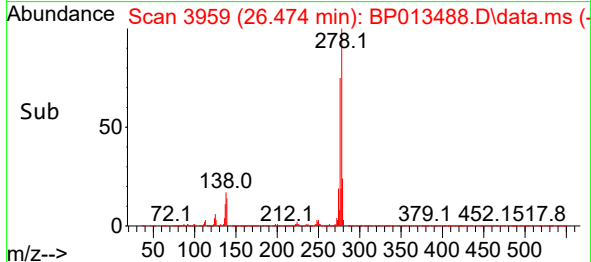
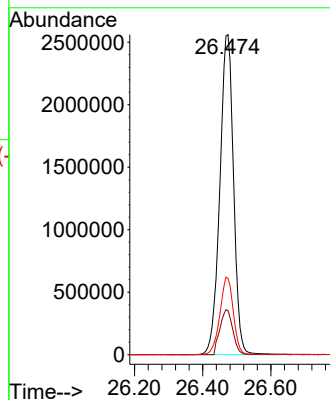
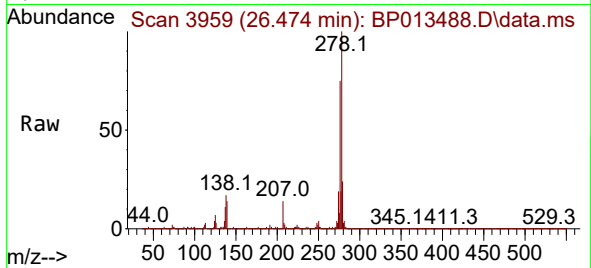
Tgt Ion:278 Resp: 7146021

Ion Ratio Lower Upper

278 100

139 13.8 11.1 16.7

279 23.8 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 34.820 ng

RT: 27.250 min Scan# 4091

Delta R.T. 0.012 min

Lab File: BP013488.D

Acq: 17 Jan 2023 10:04

Tgt Ion:276 Resp: 6836835

Ion Ratio Lower Upper

276 100

277 23.6 19.3 28.9

138 17.4 15.3 22.9

