

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF120522\  
 Data File : BF131507.D  
 Acq On : 05 Dec 2022 18:11  
 Operator : CG\JU  
 Sample : SSTDICCC040  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICCC040

Quant Time: Dec 06 00:28:29 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF120522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 06 00:24:35 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.922  | 152  | 91094    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.216  | 136  | 312134   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.980  | 164  | 178004   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.474 | 188  | 348298   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.127 | 240  | 238662   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.645 | 264  | 176231   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.528  | 112  | 409814   | 85.622  | ng    | 0.00     |
| 7) Phenol-d6                  | 6.545  | 99   | 507728   | 83.141  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.492  | 82   | 545915   | 88.163  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.769 | 330  | 155827   | 104.054 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.292  | 172  | 1039786  | 84.981  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.068 | 244  | 1256886  | 86.119  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.704  | 88   | 87844    | 38.497  | ng    | 100      |
| 3) Pyridine                   | 3.469  | 79   | 245888   | 38.808  | ng    | 100      |
| 4) n-Nitrosodimethylamine     | 3.446  | 42   | 128391   | 34.361  | ng    | 100      |
| 6) Aniline                    | 6.586  | 93   | 312677   | 39.068  | ng    | 100      |
| 8) 2-Chlorophenol             | 6.704  | 128  | 214197   | 39.501  | ng    | 100      |
| 9) Benzaldehyde               | 6.475  | 77   | 155469   | 36.235  | ng    | 100      |
| 10) Phenol                    | 6.557  | 94   | 285584   | 42.179  | ng    | 100      |
| 11) bis(2-Chloroethyl)ether   | 6.657  | 93   | 213334   | 37.607  | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 6.863  | 146  | 251673   | 38.943  | ng    | 100      |
| 13) 1,4-Dichlorobenzene       | 6.939  | 146  | 256157   | 39.008  | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 7.098  | 146  | 240416   | 39.762  | ng    | 100      |
| 15) Benzyl Alcohol            | 7.063  | 79   | 218982   | 43.733  | ng    | 100      |
| 16) 2,2'-oxybis(1-Chloropr... | 7.198  | 45   | 210160   | 19.371  | ng    | 100      |
| 17) 2-Methylphenol            | 7.169  | 107  | 183302   | 39.661  | ng    | 100      |
| 18) Hexachloroethane          | 7.439  | 117  | 96662    | 41.149  | ng    | 100      |
| 19) n-Nitroso-di-n-propyla... | 7.339  | 70   | 170844   | 38.216  | ng    | 100      |
| 20) 3+4-Methylphenols         | 7.328  | 107  | 251218   | 42.572  | ng    | 100      |
| 22) Acetophenone              | 7.339  | 105  | 335581   | 42.237  | ng    | 100      |
| 24) Nitrobenzene              | 7.510  | 77   | 275742   | 42.741  | ng    | 100      |
| 25) Isophorone                | 7.751  | 82   | 424687   | 38.443  | ng    | 100      |
| 26) 2-Nitrophenol             | 7.828  | 139  | 100522   | 58.240  | ng    | 100      |
| 27) 2,4-Dimethylphenol        | 7.857  | 122  | 165796   | 38.713  | ng    | 100      |
| 28) bis(2-Chloroethoxy)met... | 7.957  | 93   | 233603   | 37.230  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 8.069  | 162  | 188693   | 40.619  | ng    | 100      |
| 30) 1,2,4-Trichlorobenzene    | 8.151  | 180  | 232033   | 40.320  | ng    | 100      |
| 31) Naphthalene               | 8.239  | 128  | 649801   | 39.066  | ng    | 100      |
| 32) Benzoic acid              | 7.975  | 122  | 101550   | 41.712  | ng    | 100      |
| 33) 4-Chloroaniline           | 8.286  | 127  | 246887   | 37.623  | ng    | 100      |
| 34) Hexachlorobutadiene       | 8.351  | 225  | 164584   | 44.167  | ng    | 100      |
| 35) Caprolactam               | 8.663  | 113  | 52082    | 42.665  | ng    | 100      |
| 36) 4-Chloro-3-methylphenol   | 8.763  | 107  | 199152   | 41.264  | ng    | 100      |
| 37) 2-Methylnaphthalene       | 8.928  | 142  | 442070   | 39.225  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 9.027  | 142  | 422021   | 38.616  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.092  | 216  | 249480   | 43.189  | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 9.080  | 237  | 117745   | 45.343  | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 9.204  | 196  | 152744   | 46.612  | ng    | 100      |

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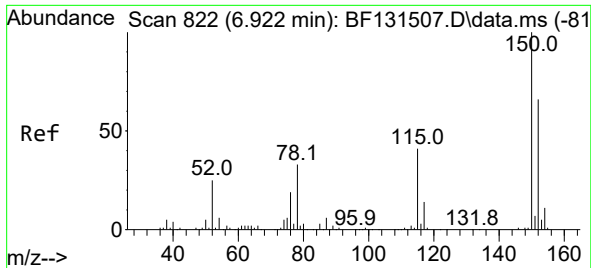
Quant Time: Dec 06 00:28:29 2022  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 06 00:24:35 2022  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.245  | 196  | 165322   | 44.865 | ng    | 100      |
| 46) 1,1'-Biphenyl             | 9.398  | 154  | 528988   | 38.942 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.422  | 162  | 429004   | 39.369 | ng    | 100      |
| 48) 2-Nitroaniline            | 9.522  | 65   | 130560   | 39.461 | ng    | 100      |
| 49) Acenaphthylene            | 9.839  | 152  | 646469   | 38.918 | ng    | 100      |
| 50) Dimethylphthalate         | 9.698  | 163  | 485019   | 39.108 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.763  | 165  | 106828   | 43.071 | ng    | 100      |
| 52) Acenaphthene              | 10.016 | 154  | 428462   | 41.192 | ng    | 100      |
| 53) 3-Nitroaniline            | 9.933  | 138  | 111244   | 43.649 | ng    | 100      |
| 54) 2,4-Dinitrophenol         | 10.033 | 184  | 51751    | 62.103 | ng    | 100      |
| 55) Dibenzofuran              | 10.186 | 168  | 613448   | 40.993 | ng    | 100      |
| 56) 4-Nitrophenol             | 10.086 | 139  | 81785    | 46.238 | ng    | 100      |
| 57) 2,4-Dinitrotoluene        | 10.163 | 165  | 143941   | 46.124 | ng    | 100      |
| 58) Fluorene                  | 10.527 | 166  | 515930   | 44.176 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.298 | 232  | 140077   | 45.647 | ng    | 100      |
| 60) Diethylphthalate          | 10.398 | 149  | 484210   | 41.348 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.522 | 204  | 264834   | 44.234 | ng    | 100      |
| 62) 4-Nitroaniline            | 10.551 | 138  | 111634   | 44.012 | ng    | 100      |
| 63) Azobenzene                | 10.680 | 77   | 489646   | 38.887 | ng    | 100      |
| 65) 4,6-Dinitro-2-methylph... | 10.574 | 198  | 74775    | 54.555 | ng    | 100      |
| 66) n-Nitrosodiphenylamine    | 10.639 | 169  | 416660   | 37.542 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 11.016 | 248  | 165671   | 38.809 | ng    | 100      |
| 68) Hexachlorobenzene         | 11.074 | 284  | 182731   | 40.332 | ng    | 100      |
| 69) Atrazine                  | 11.169 | 200  | 127586   | 37.338 | ng    | 100      |
| 70) Pentachlorophenol         | 11.269 | 266  | 99096    | 42.631 | ng    | 100      |
| 71) Phenanthrene              | 11.498 | 178  | 738275   | 39.222 | ng    | 100      |
| 72) Anthracene                | 11.551 | 178  | 722361   | 39.049 | ng    | 100      |
| 73) Carbazole                 | 11.704 | 167  | 622752   | 39.465 | ng    | 100      |
| 74) Di-n-butylphthalate       | 12.033 | 149  | 709712   | 38.169 | ng    | 100      |
| 75) Fluoranthene              | 12.692 | 202  | 823908   | 41.539 | ng    | 100      |
| 77) Benzidine                 | 12.816 | 184  | 134767   | 30.571 | ng    | 100      |
| 78) Pyrene                    | 12.921 | 202  | 822279   | 39.050 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.539 | 149  | 237851   | 39.202 | ng    | 100      |
| 81) Benzo(a)anthracene        | 14.115 | 228  | 635198   | 38.828 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 14.080 | 252  | 170346   | 39.241 | ng    | 100      |
| 83) Chrysene                  | 14.157 | 228  | 599691   | 37.364 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 14.098 | 149  | 255954   | 31.257 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.721 | 149  | 290916   | 23.559 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 17.203 | 276  | 577104   | 48.757 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 15.198 | 252  | 429205   | 36.661 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 15.227 | 252  | 466290   | 38.757 | ng    | 100      |
| 90) Benzo(a)pyrene            | 15.580 | 252  | 372138   | 38.739 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 17.221 | 278  | 462813   | 47.360 | ng    | 100      |
| 92) Benzo(g,h,i)perylene      | 17.668 | 276  | 483897   | 49.613 | ng    | 100      |

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

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QLast Update : Tue Dec 06 00:24:35 2022  
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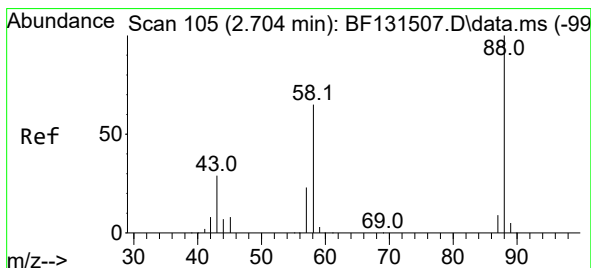
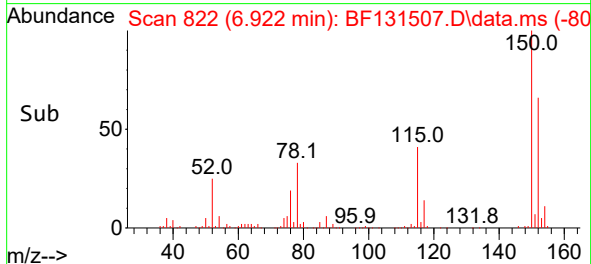
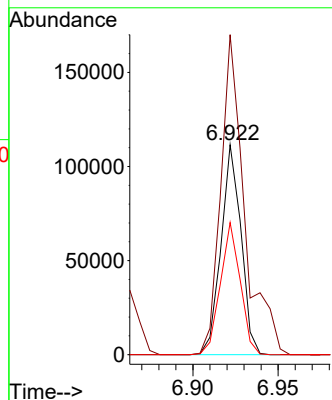
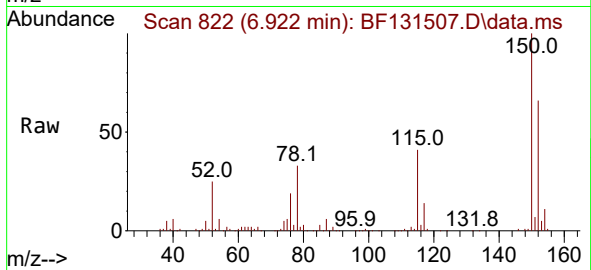




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.922 min Scan# 81  
 Delta R.T. -0.000 min  
 Lab File: BF131507.D  
 Acq: 05 Dec 2022 18:11

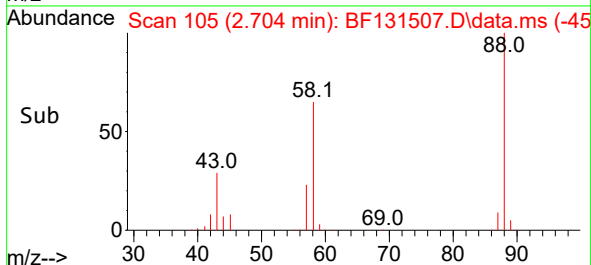
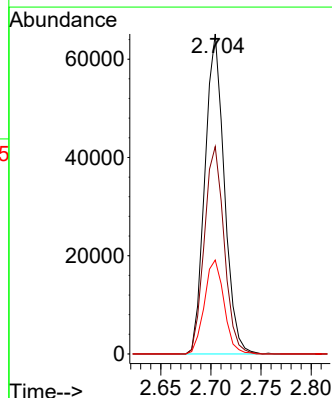
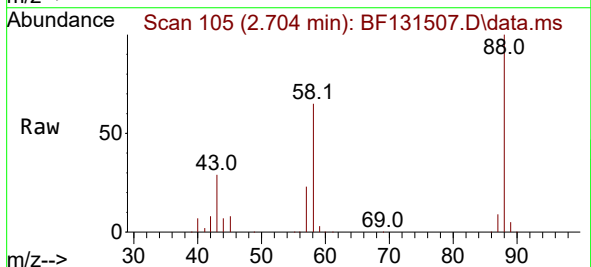
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

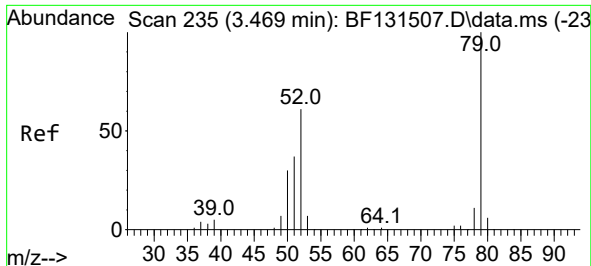
Tgt Ion:152 Resp: 91094  
 Ion Ratio Lower Upper  
 152 100  
 150 152.4 121.9 182.9  
 115 63.0 50.4 75.6



#2  
 1,4-Dioxane  
 Concen: 38.497 ng  
 RT: 2.704 min Scan# 105  
 Delta R.T. 0.000 min  
 Lab File: BF131507.D  
 Acq: 05 Dec 2022 18:11

Tgt Ion: 88 Resp: 87844  
 Ion Ratio Lower Upper  
 88 100  
 58 66.1 52.9 79.3  
 43 29.7 23.8 35.6

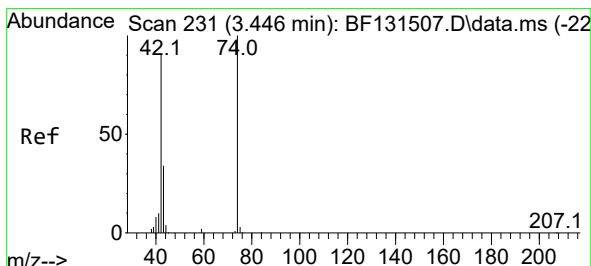
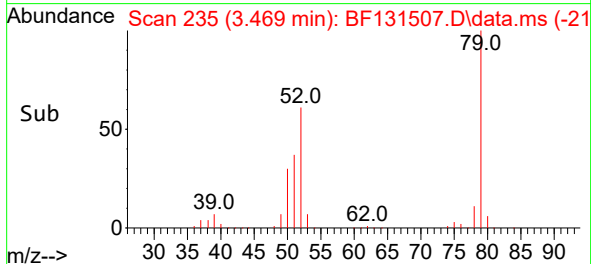
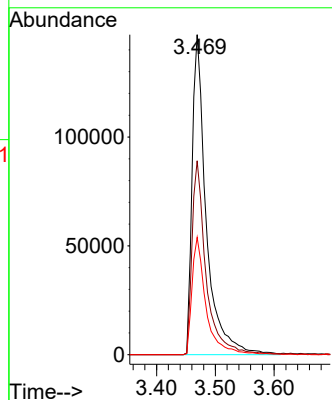
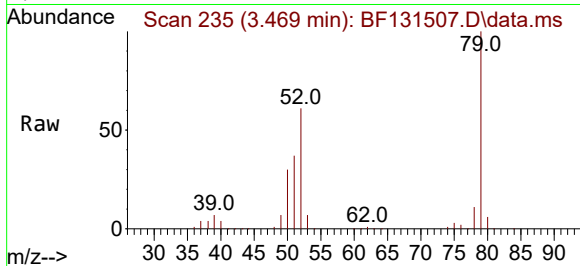




#3  
 Pyridine  
 Concen: 38.808 ng  
 RT: 3.469 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BF131507.D  
 Acq: 05 Dec 2022 18:11

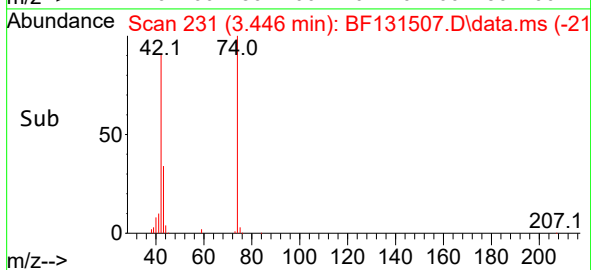
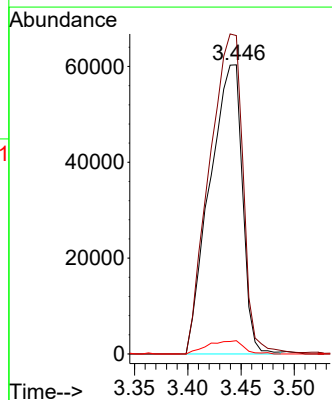
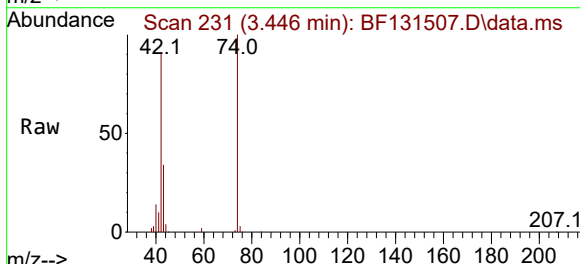
Instrument :  
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 ClientSampleId :  
 SSTDICCC040

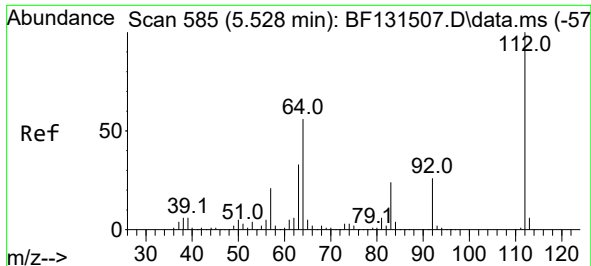
Tgt Ion: 79 Resp: 245888  
 Ion Ratio Lower Upper  
 79 100  
 52 60.6 48.5 72.7  
 51 36.7 29.4 44.0



#4  
 n-Nitrosodimethylamine  
 Concen: 34.361 ng  
 RT: 3.446 min Scan# 231  
 Delta R.T. 0.000 min  
 Lab File: BF131507.D  
 Acq: 05 Dec 2022 18:11

Tgt Ion: 42 Resp: 128391  
 Ion Ratio Lower Upper  
 42 100  
 74 110.1 88.1 132.1  
 44 4.6 3.7 5.5

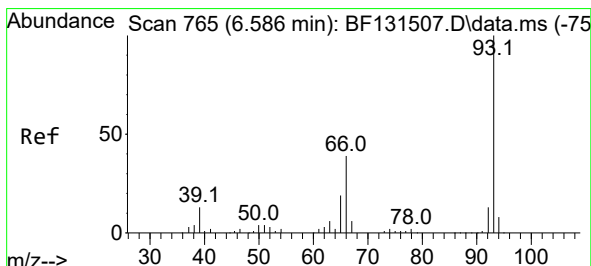
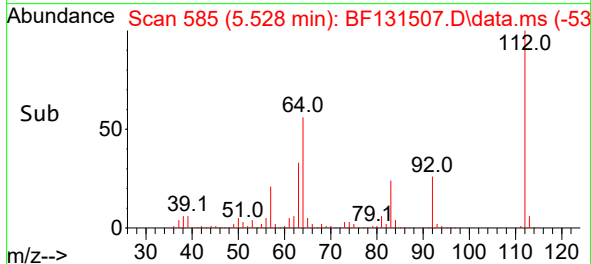
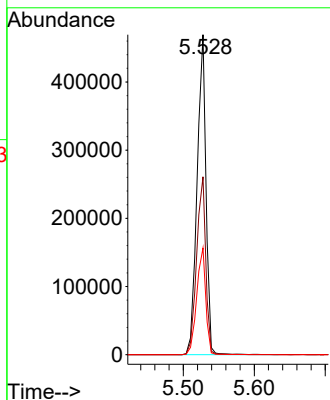
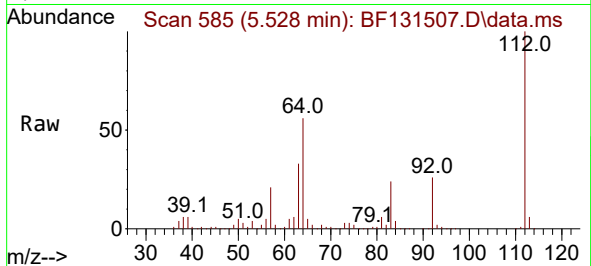




#5  
2-Fluorophenol  
Concen: 85.622 ng  
RT: 5.528 min Scan# 585  
Delta R.T. 0.000 min  
Lab File: BF131507.D  
Acq: 05 Dec 2022 18:11

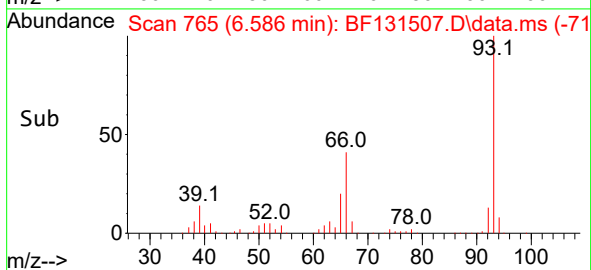
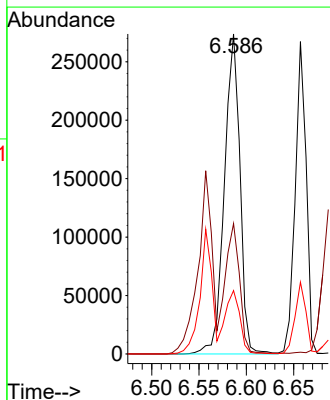
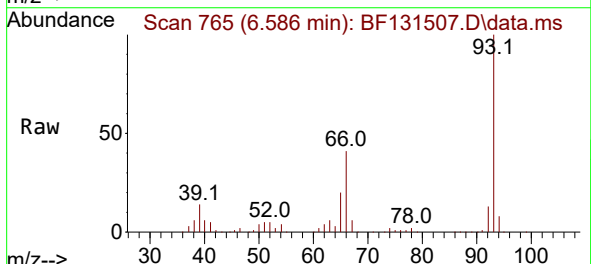
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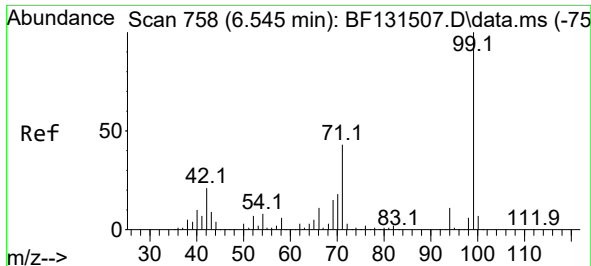
Tgt Ion:112 Resp: 409814  
Ion Ratio Lower Upper  
112 100  
64 55.6 44.5 66.7  
63 33.4 26.7 40.1



#6  
Aniline  
Concen: 39.068 ng  
RT: 6.586 min Scan# 765  
Delta R.T. 0.000 min  
Lab File: BF131507.D  
Acq: 05 Dec 2022 18:11

Tgt Ion: 93 Resp: 312677  
Ion Ratio Lower Upper  
93 100  
66 40.8 32.6 49.0  
65 19.8 15.8 23.8





#7

Phenol-d6

Concen: 83.141 ng

RT: 6.545 min Scan# 758

Delta R.T. 0.000 min

Lab File: BF131507.D

Acq: 05 Dec 2022 18:11

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

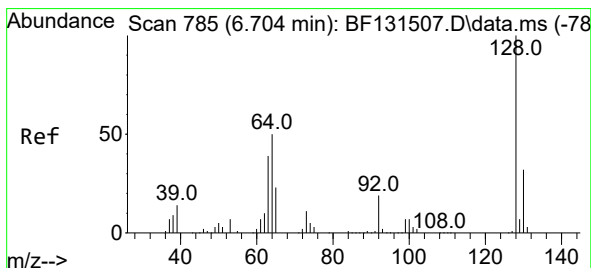
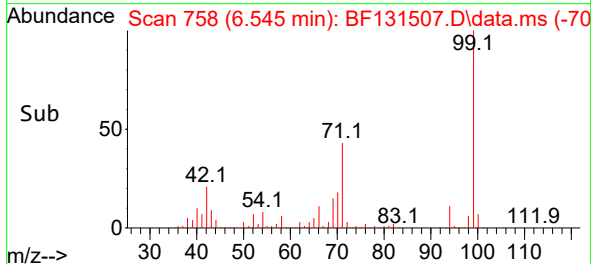
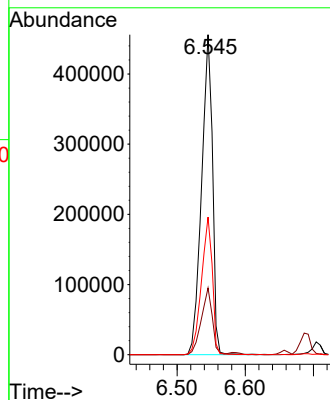
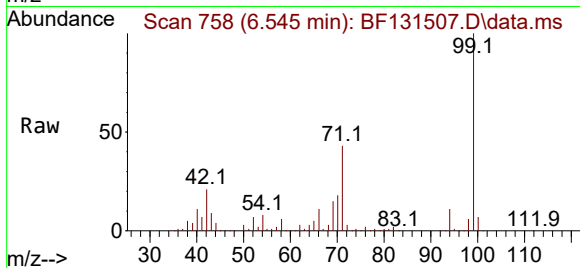
Tgt Ion: 99 Resp: 507728

Ion Ratio Lower Upper

99 100

42 20.8 16.6 25.0

71 43.0 34.4 51.6



#8

2-Chlorophenol

Concen: 39.501 ng

RT: 6.704 min Scan# 785

Delta R.T. 0.000 min

Lab File: BF131507.D

Acq: 05 Dec 2022 18:11

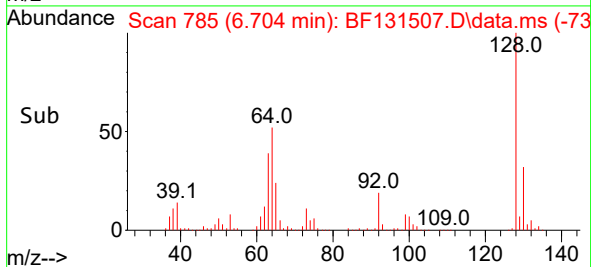
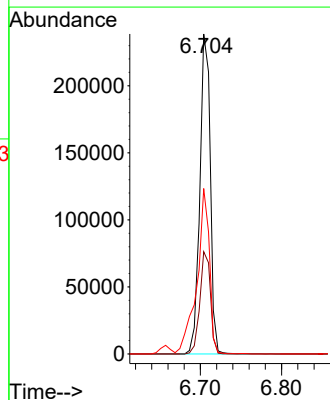
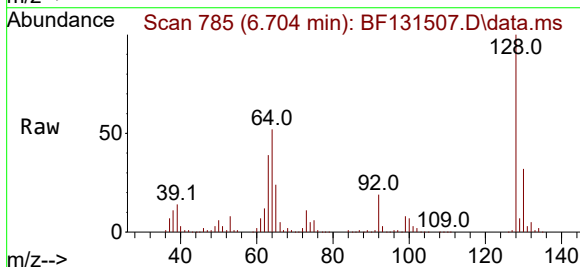
Tgt Ion:128 Resp: 214197

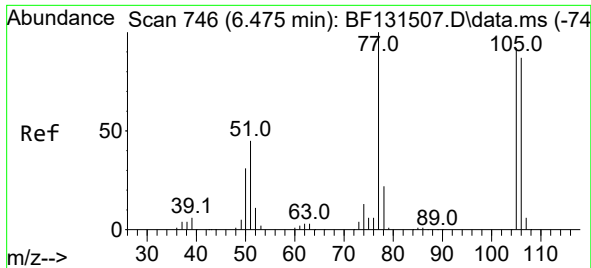
Ion Ratio Lower Upper

128 100

130 31.9 11.9 51.9

64 51.7 31.7 71.7

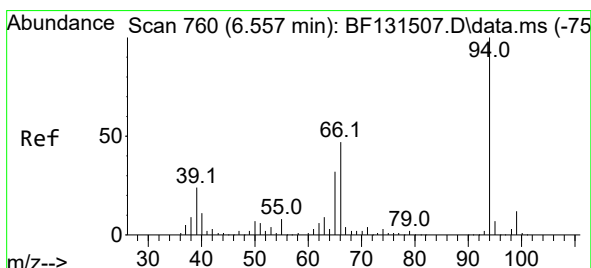
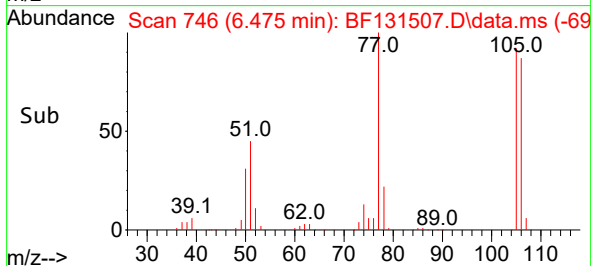
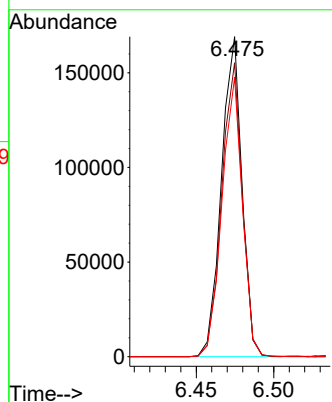
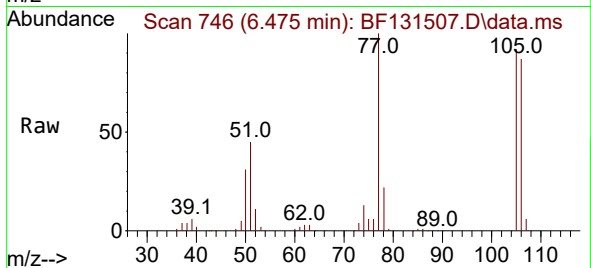




#9  
Benzaldehyde  
Concen: 36.235 ng  
RT: 6.475 min Scan# 746  
Delta R.T. 0.000 min  
Lab File: BF131507.D  
Acq: 05 Dec 2022 18:11

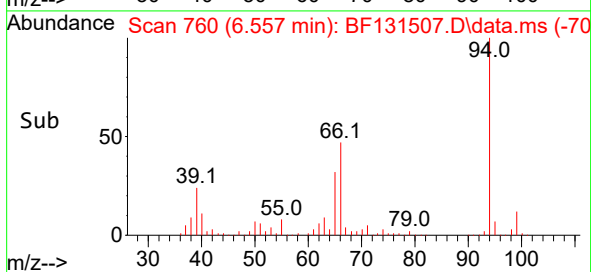
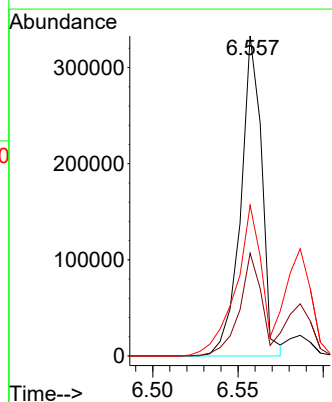
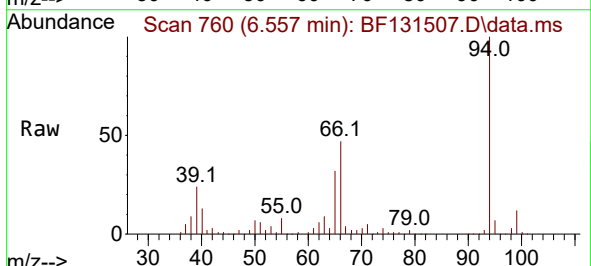
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

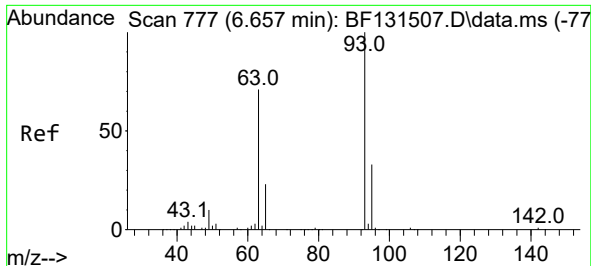
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 77    | Resp: | 155469 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 105       | 91.9  | 71.9  | 111.9  |
| 106       | 87.2  | 67.2  | 107.2  |



#10  
Phenol  
Concen: 42.179 ng  
RT: 6.557 min Scan# 760  
Delta R.T. 0.000 min  
Lab File: BF131507.D  
Acq: 05 Dec 2022 18:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 94    | Resp: | 285584 |
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 32.1  | 12.1  | 52.1   |
| 66        | 47.1  | 27.1  | 67.1   |

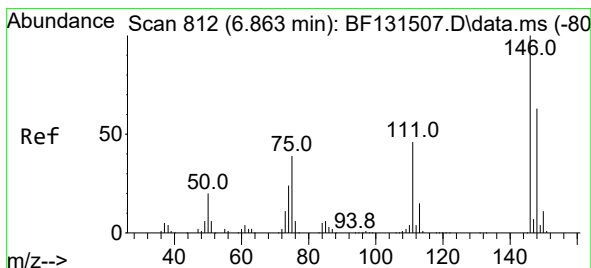
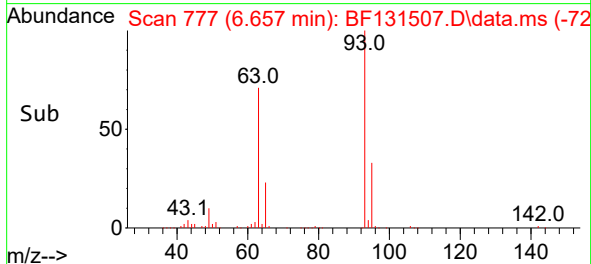
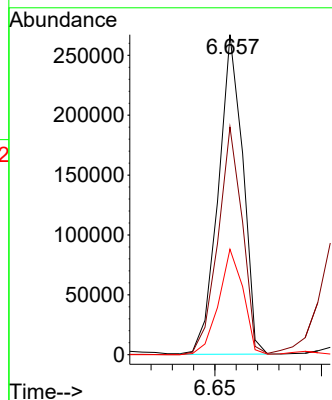
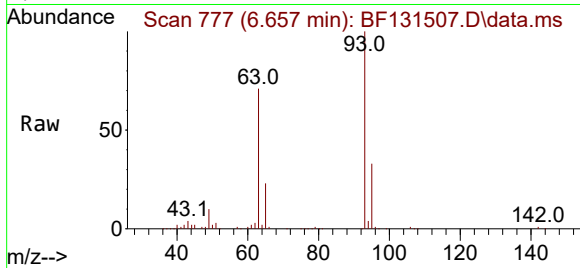




#11  
bis(2-Chloroethyl)ether  
Concen: 37.607 ng  
RT: 6.657 min Scan# 777  
Delta R.T. 0.000 min  
Lab File: BF131507.D  
Acq: 05 Dec 2022 18:11

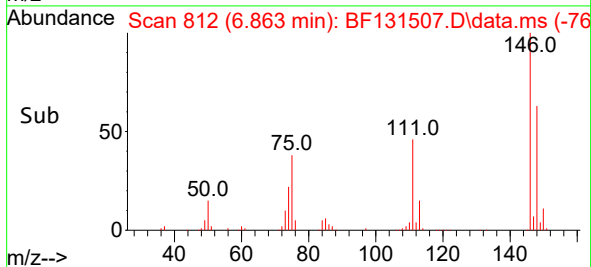
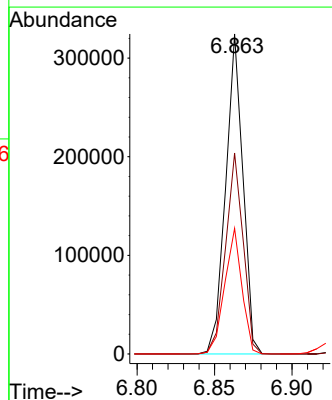
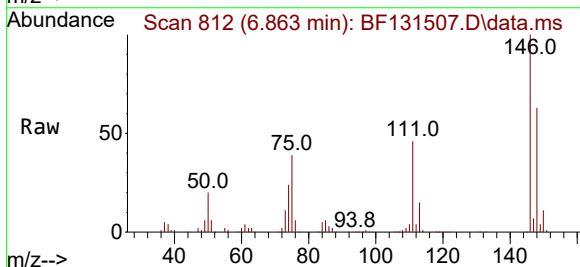
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

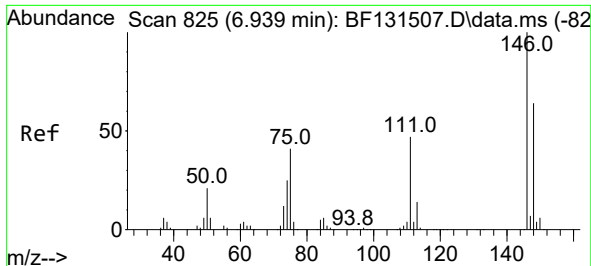
Tgt Ion: 93 Resp: 213334  
Ion Ratio Lower Upper  
93 100  
63 71.2 51.2 91.2  
95 33.0 13.0 53.0



#12  
1,3-Dichlorobenzene  
Concen: 38.943 ng  
RT: 6.863 min Scan# 812  
Delta R.T. 0.000 min  
Lab File: BF131507.D  
Acq: 05 Dec 2022 18:11

Tgt Ion: 146 Resp: 251673  
Ion Ratio Lower Upper  
146 100  
148 62.8 50.2 75.4  
75 39.3 31.4 47.2

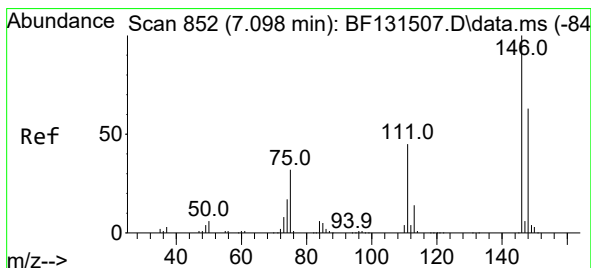
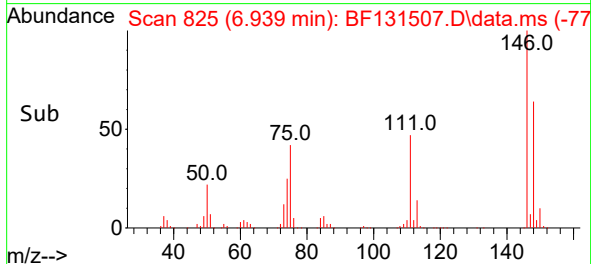
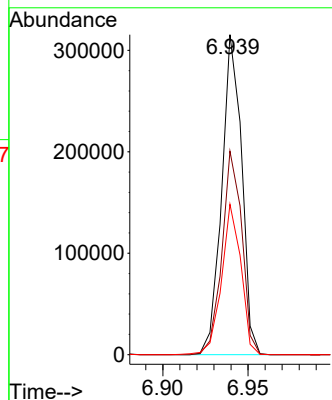
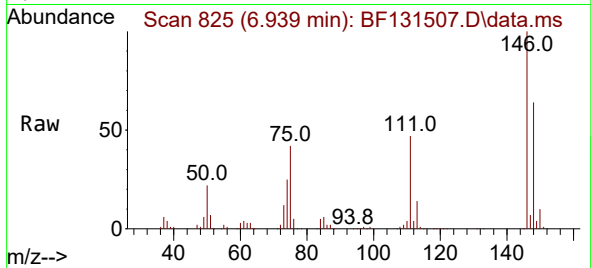




#13  
1,4-Dichlorobenzene  
Concen: 39.008 ng  
RT: 6.939 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF131507.D  
Acq: 05 Dec 2022 18:11

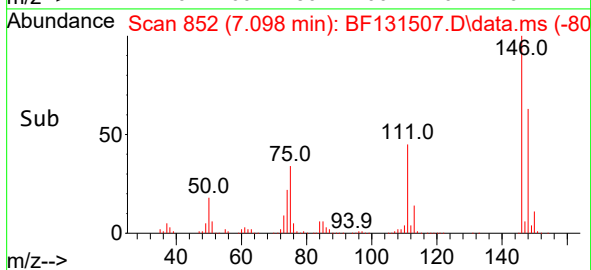
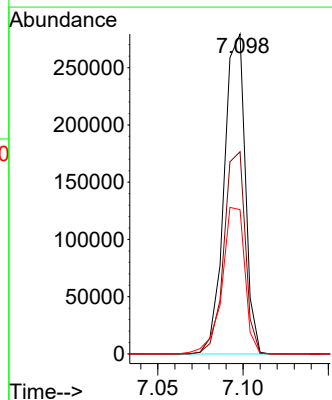
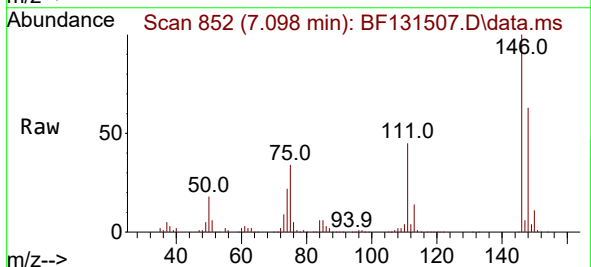
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

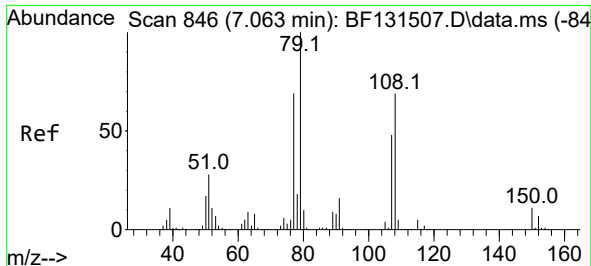
Tgt Ion:146 Resp: 256157  
Ion Ratio Lower Upper  
146 100  
148 63.6 50.9 76.3  
111 47.0 37.6 56.4



#14  
1,2-Dichlorobenzene  
Concen: 39.762 ng  
RT: 7.098 min Scan# 852  
Delta R.T. 0.000 min  
Lab File: BF131507.D  
Acq: 05 Dec 2022 18:11

Tgt Ion:146 Resp: 240416  
Ion Ratio Lower Upper  
146 100  
148 63.2 50.6 75.8  
111 45.1 36.1 54.1

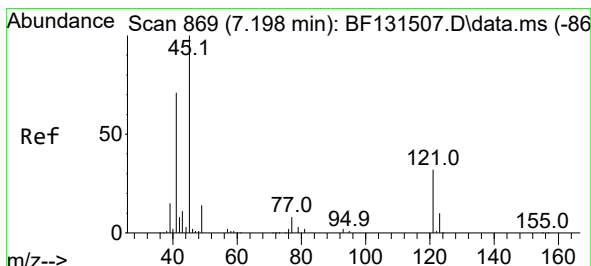
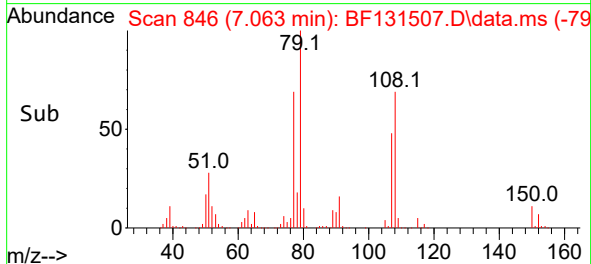
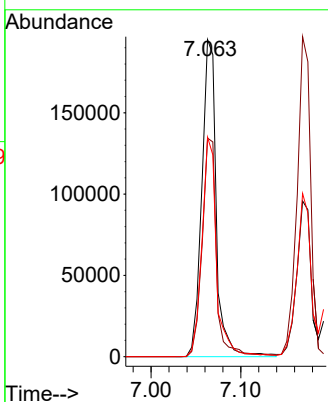
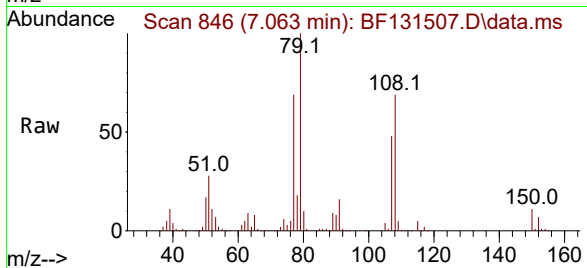




#15  
Benzyl Alcohol  
Concen: 43.733 ng  
RT: 7.063 min Scan# 846  
Delta R.T. 0.000 min  
Lab File: BF131507.D  
Acq: 05 Dec 2022 18:11

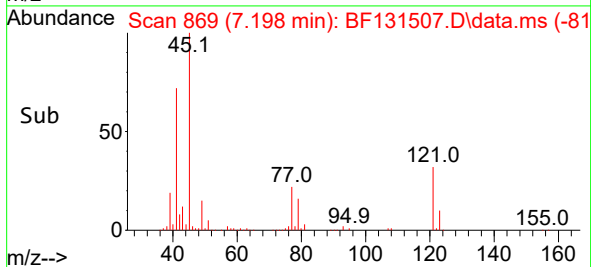
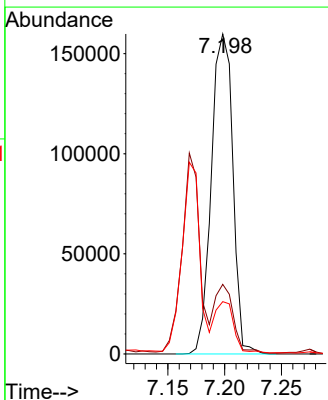
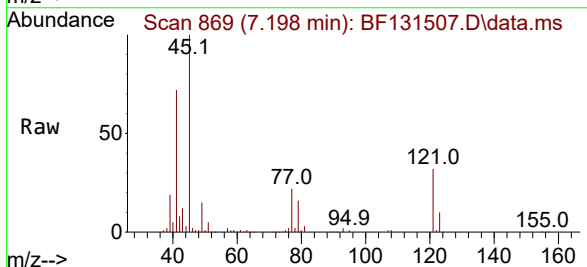
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

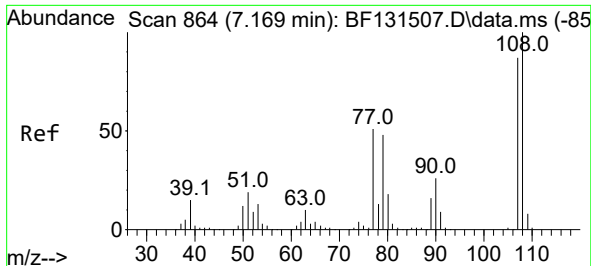
Tgt Ion: 79 Resp: 218982  
Ion Ratio Lower Upper  
79 100  
108 68.9 55.1 82.7  
77 69.2 55.4 83.0



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 19.371 ng  
RT: 7.198 min Scan# 869  
Delta R.T. 0.000 min  
Lab File: BF131507.D  
Acq: 05 Dec 2022 18:11

Tgt Ion: 45 Resp: 210160  
Ion Ratio Lower Upper  
45 100  
77 21.8 1.8 41.8  
79 16.4 0.0 36.4



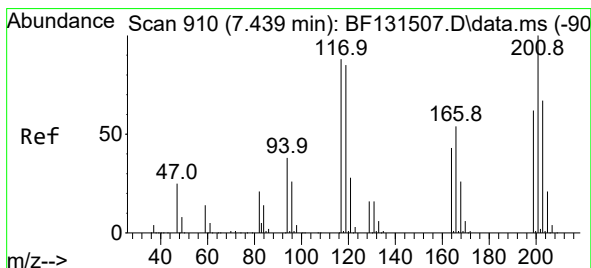
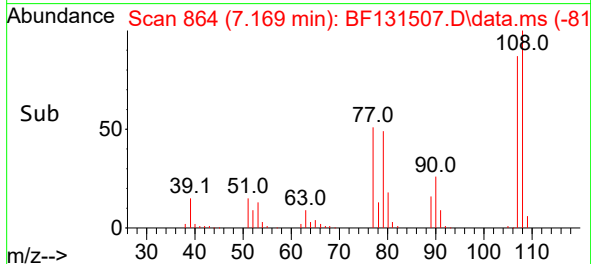
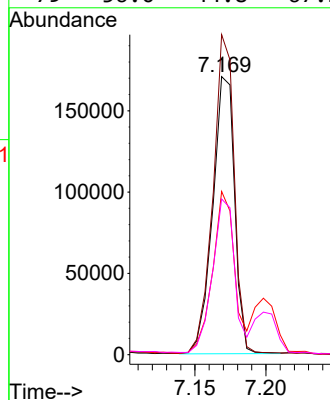
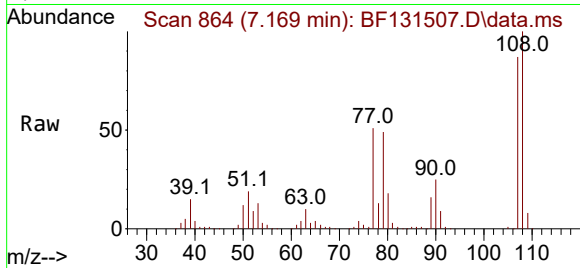


#17  
2-Methylphenol  
Concen: 39.661 ng  
RT: 7.169 min Scan# 864  
Delta R.T. 0.000 min  
Lab File: BF131507.D  
Acq: 05 Dec 2022 18:11

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

Tgt Ion:107 Resp: 183302

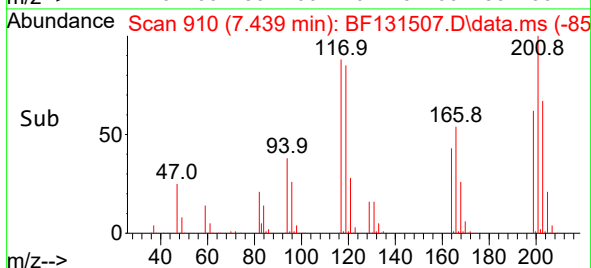
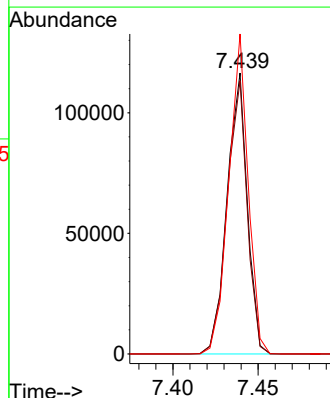
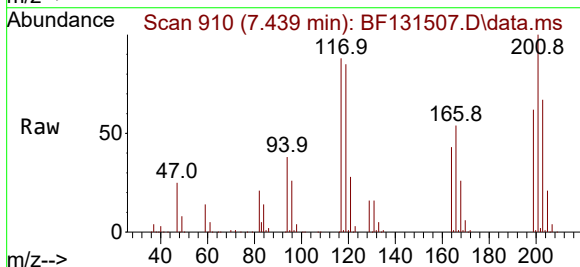
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 115.1 | 92.1  | 138.1 |
| 77  | 58.7  | 47.0  | 70.4  |
| 79  | 56.0  | 44.8  | 67.2  |

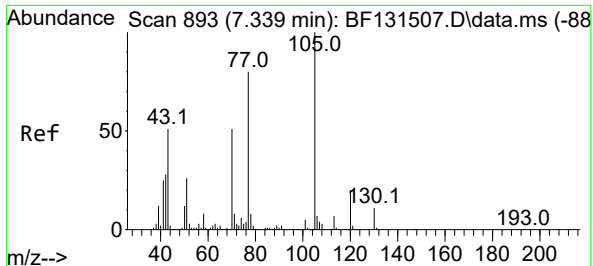


#18  
Hexachloroethane  
Concen: 41.149 ng  
RT: 7.439 min Scan# 910  
Delta R.T. 0.000 min  
Lab File: BF131507.D  
Acq: 05 Dec 2022 18:11

Tgt Ion:117 Resp: 96662

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 97.3  | 77.8  | 116.8 |
| 201 | 113.9 | 91.1  | 136.7 |





#19

n-Nitroso-di-n-propylamine

Concen: 38.216 ng

RT: 7.339 min Scan# 893

Delta R.T. 0.000 min

Lab File: BF131507.D

Acq: 05 Dec 2022 18:11

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 70 Resp: 170844

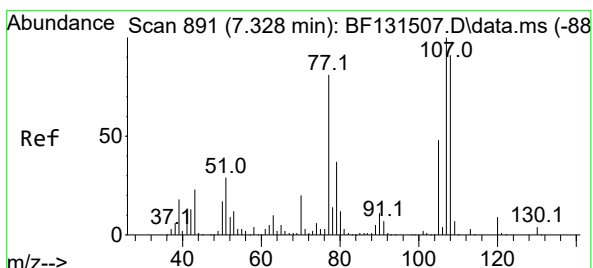
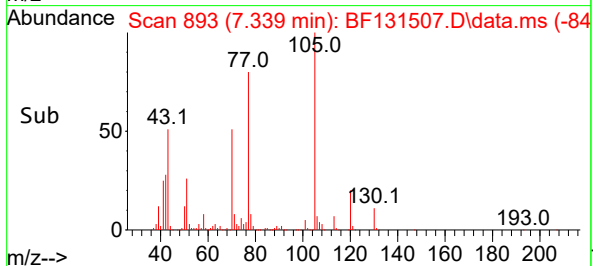
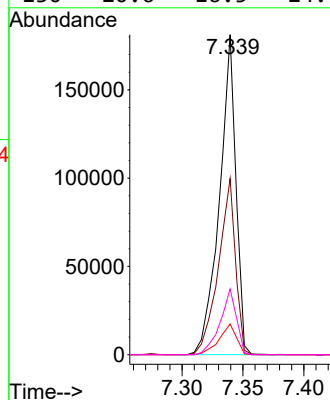
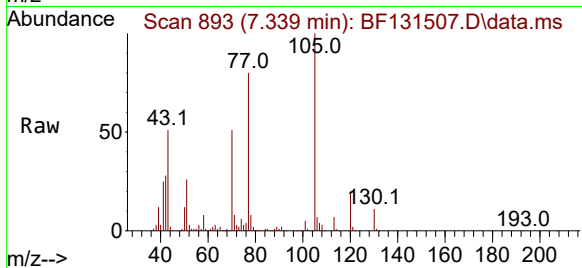
Ion Ratio Lower Upper

70 100

42 55.1 44.1 66.1

101 9.6 7.7 11.5

130 20.6 16.5 24.7



#20

3+4-Methylphenols

Concen: 42.572 ng

RT: 7.328 min Scan# 891

Delta R.T. 0.000 min

Lab File: BF131507.D

Acq: 05 Dec 2022 18:11

Tgt Ion: 107 Resp: 251218

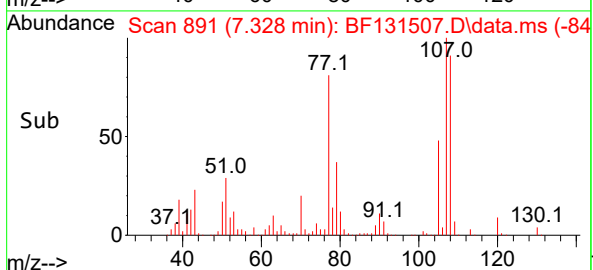
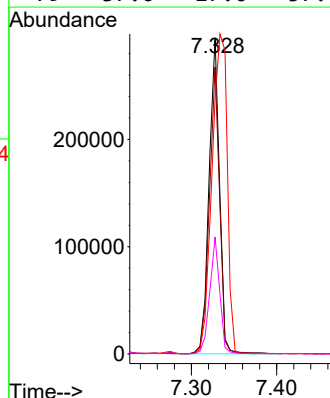
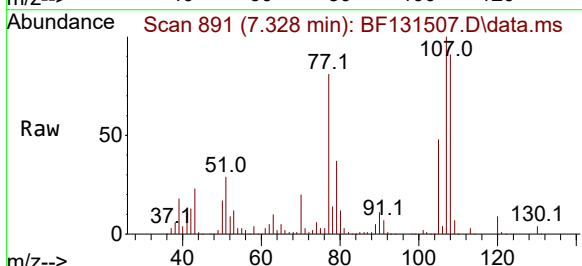
Ion Ratio Lower Upper

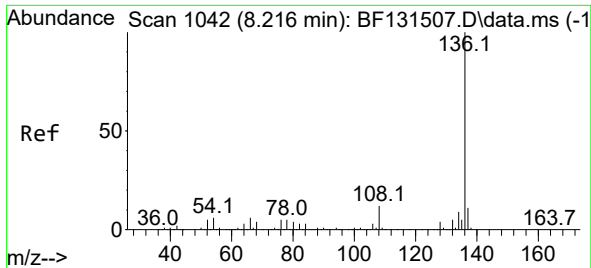
107 100

108 90.8 70.8 110.8

77 80.7 60.7 100.7

79 37.0 17.0 57.0

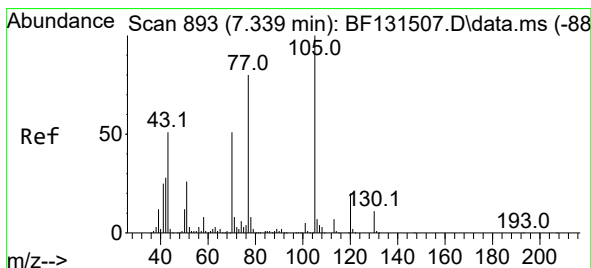
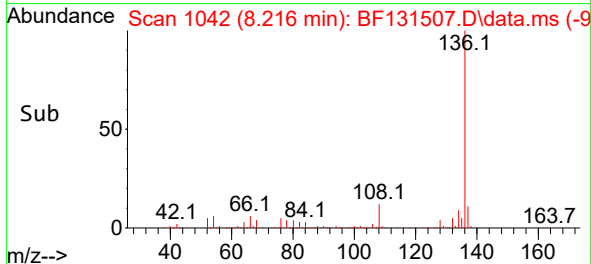
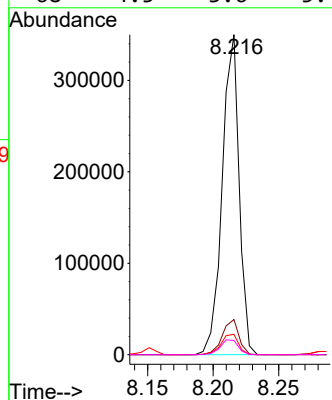
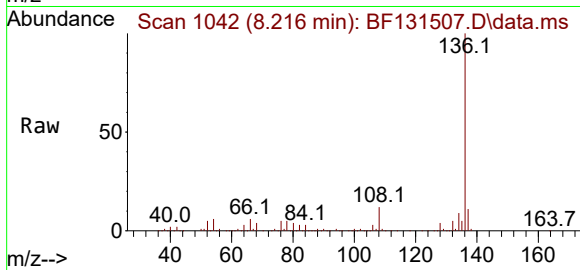




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.216 min Scan# 1042  
Delta R.T. 0.000 min  
Lab File: BF131507.D  
Acq: 05 Dec 2022 18:11

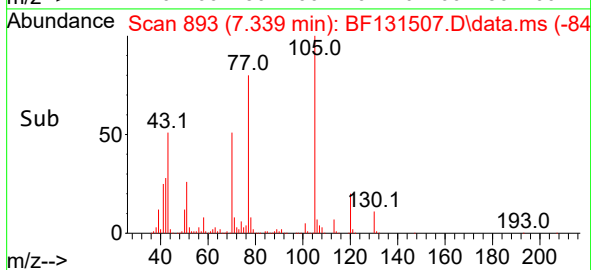
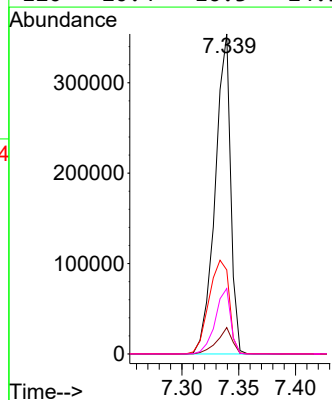
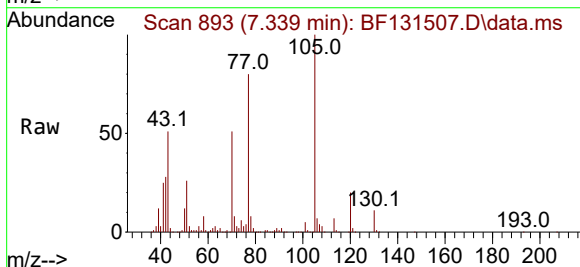
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

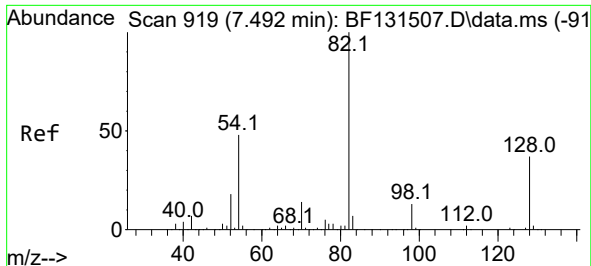
Tgt Ion:136 Resp: 312134  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.8 13.2  
54 6.3 5.0 7.6  
68 4.5 3.6 5.4



#22  
Acetophenone  
Concen: 42.237 ng  
RT: 7.339 min Scan# 893  
Delta R.T. 0.000 min  
Lab File: BF131507.D  
Acq: 05 Dec 2022 18:11

Tgt Ion:105 Resp: 335581  
Ion Ratio Lower Upper  
105 100  
71 8.3 6.6 10.0  
51 26.3 21.0 31.6  
120 20.4 16.3 24.5





#23

Nitrobenzene-d5

Concen: 88.163 ng

RT: 7.492 min Scan# 919

Delta R.T. 0.000 min

Lab File: BF131507.D

Acq: 05 Dec 2022 18:11

Instrument :

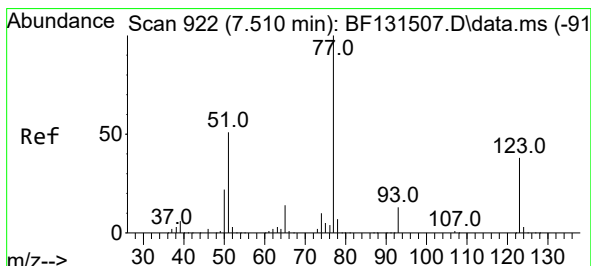
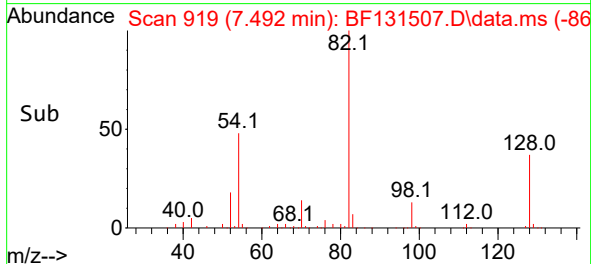
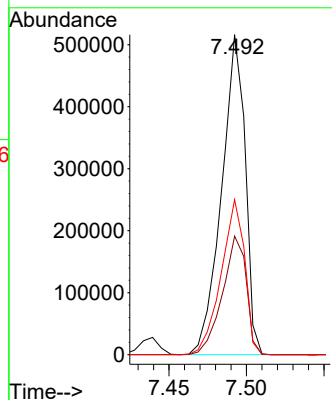
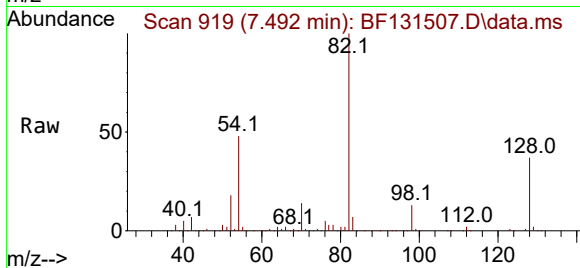
BNA\_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 82 Resp: 545915

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 37.1  | 29.7  | 44.5  |
| 54  | 48.4  | 38.7  | 58.1  |



#24

Nitrobenzene

Concen: 42.741 ng

RT: 7.510 min Scan# 922

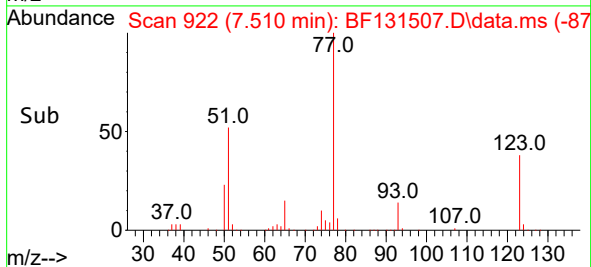
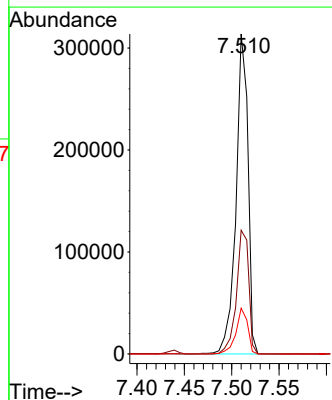
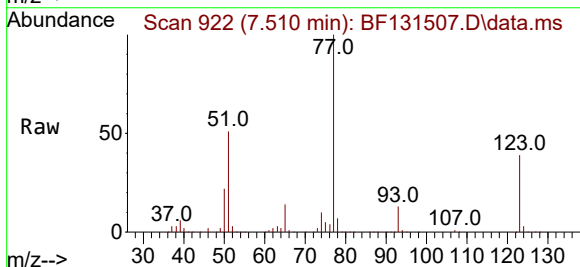
Delta R.T. 0.000 min

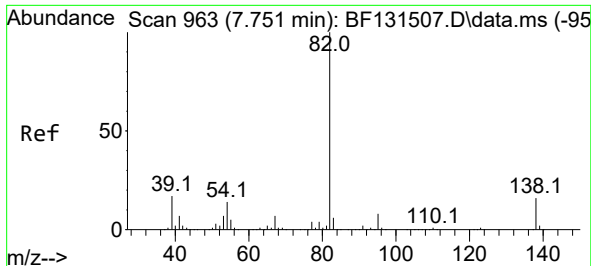
Lab File: BF131507.D

Acq: 05 Dec 2022 18:11

Tgt Ion: 77 Resp: 275742

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 38.7  | 31.0  | 46.4  |
| 65  | 14.3  | 11.4  | 17.2  |

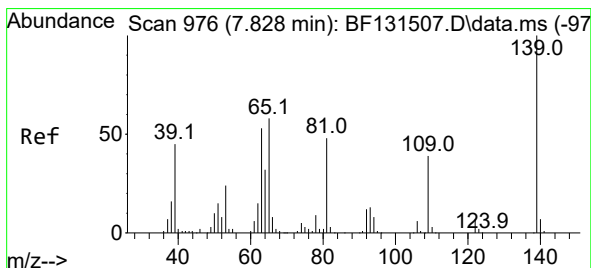
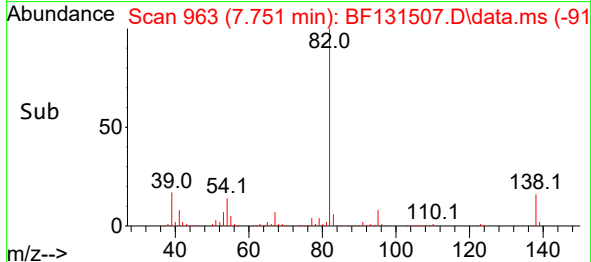
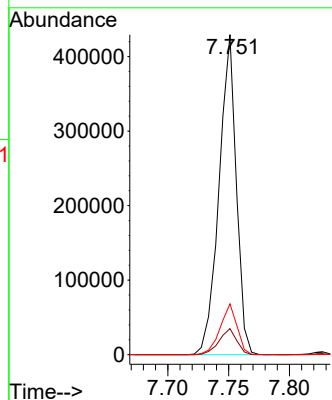
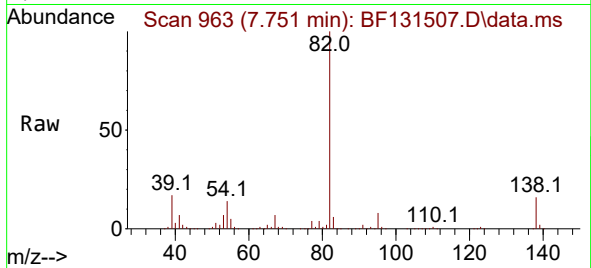




#25  
Isophorone  
Concen: 38.443 ng  
RT: 7.751 min Scan# 963  
Delta R.T. 0.000 min  
Lab File: BF131507.D  
Acq: 05 Dec 2022 18:11

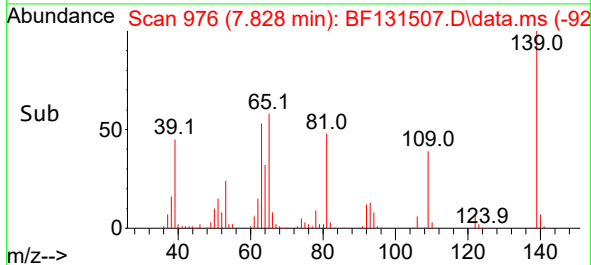
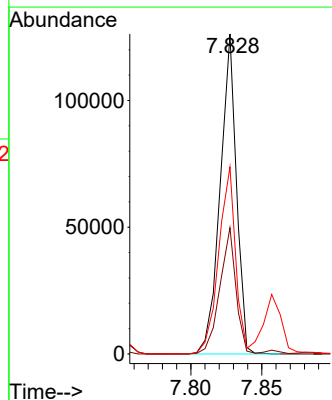
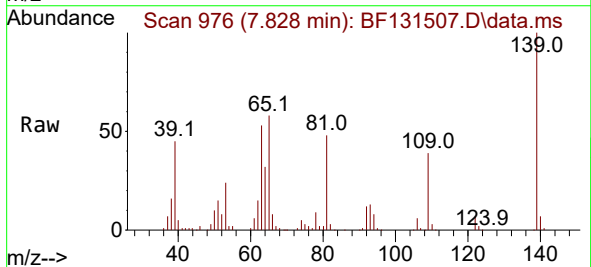
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

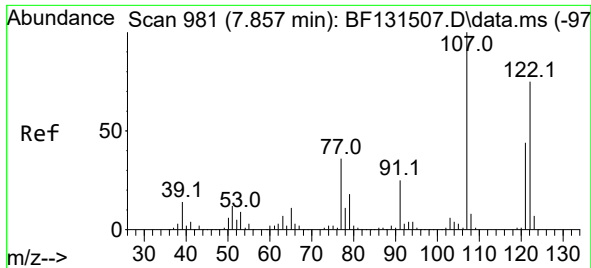
Tgt Ion: 82 Resp: 424687  
Ion Ratio Lower Upper  
82 100  
95 8.2 6.6 9.8  
138 15.9 12.7 19.1



#26  
2-Nitrophenol  
Concen: 58.240 ng  
RT: 7.828 min Scan# 976  
Delta R.T. 0.000 min  
Lab File: BF131507.D  
Acq: 05 Dec 2022 18:11

Tgt Ion: 139 Resp: 100522  
Ion Ratio Lower Upper  
139 100  
109 39.5 31.6 47.4  
65 58.5 46.8 70.2

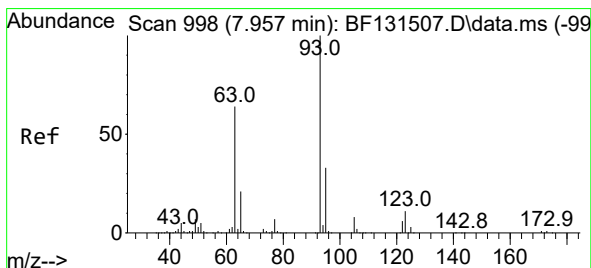
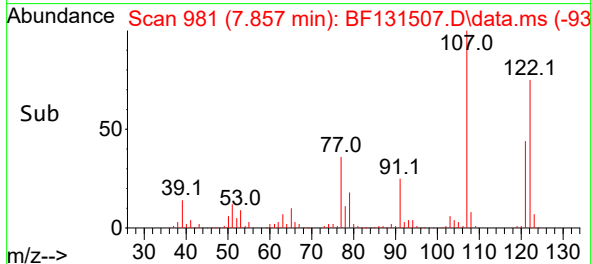
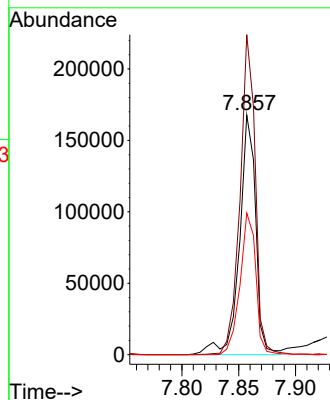
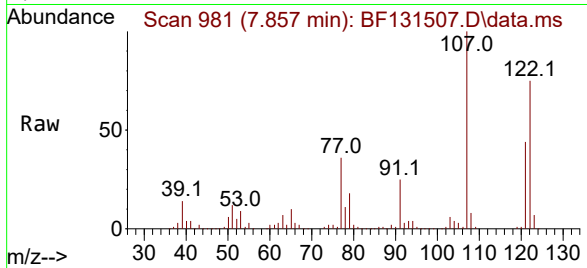




#27  
2,4-Dimethylphenol  
Concen: 38.713 ng  
RT: 7.857 min Scan# 981  
Delta R.T. 0.000 min  
Lab File: BF131507.D  
Acq: 05 Dec 2022 18:11

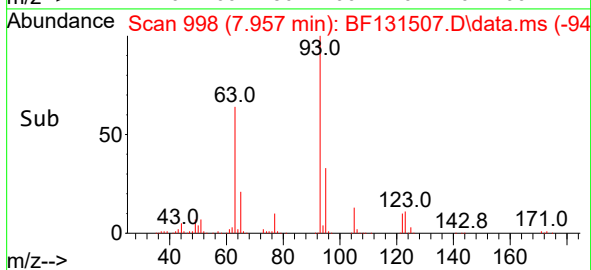
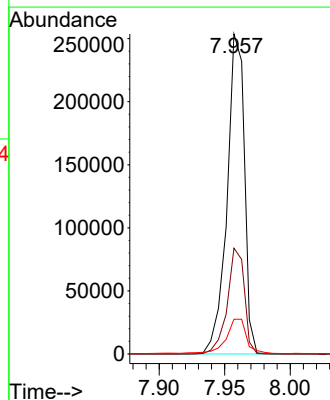
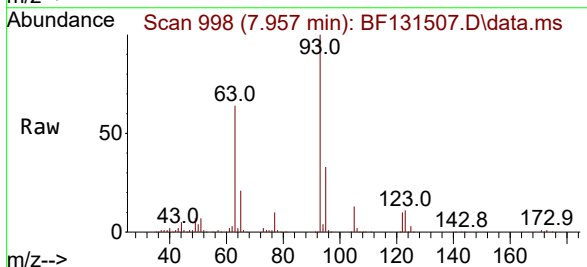
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

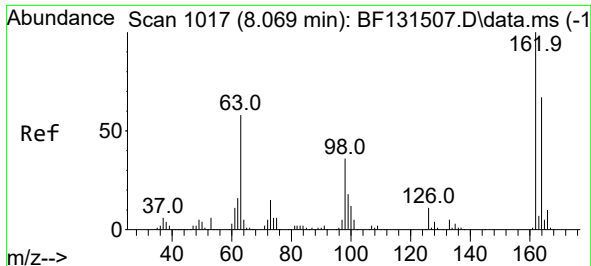
Tgt Ion:122 Resp: 165796  
Ion Ratio Lower Upper  
122 100  
107 133.5 106.8 160.2  
121 59.1 47.3 70.9



#28  
bis(2-Chloroethoxy)methane  
Concen: 37.230 ng  
RT: 7.957 min Scan# 998  
Delta R.T. 0.000 min  
Lab File: BF131507.D  
Acq: 05 Dec 2022 18:11

Tgt Ion: 93 Resp: 233603  
Ion Ratio Lower Upper  
93 100  
95 33.0 26.4 39.6  
123 10.9 8.7 13.1





#29

2,4-Dichlorophenol

Concen: 40.619 ng

RT: 8.069 min Scan# 1017

Delta R.T. 0.000 min

Lab File: BF131507.D

Acq: 05 Dec 2022 18:11

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

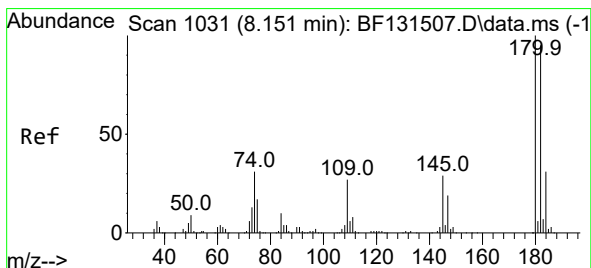
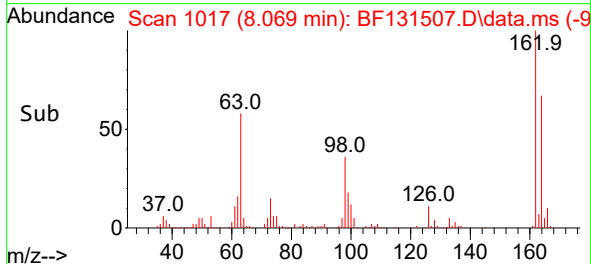
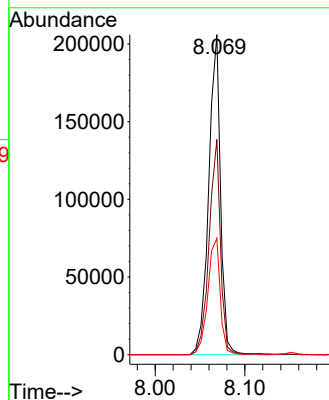
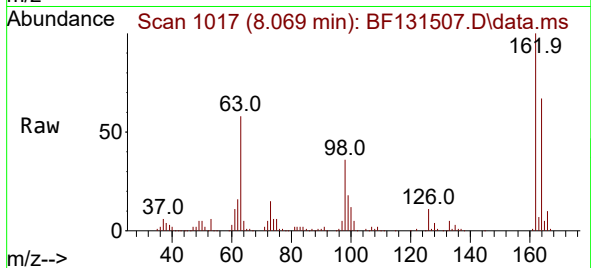
Tgt Ion:162 Resp: 188693

Ion Ratio Lower Upper

162 100

164 67.3 47.3 87.3

98 36.3 16.3 56.3



#30

1,2,4-Trichlorobenzene

Concen: 40.320 ng

RT: 8.151 min Scan# 1031

Delta R.T. 0.000 min

Lab File: BF131507.D

Acq: 05 Dec 2022 18:11

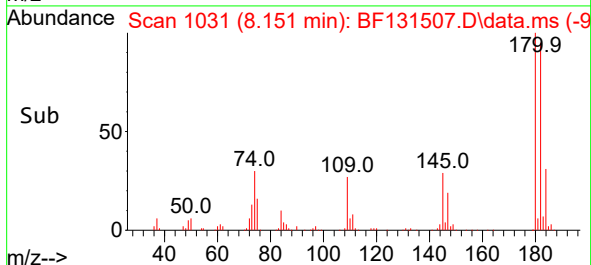
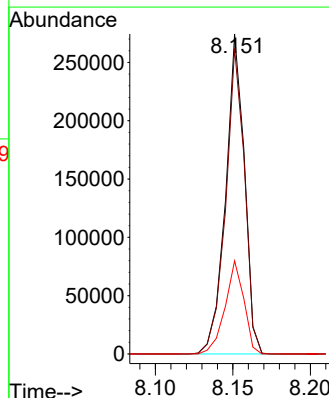
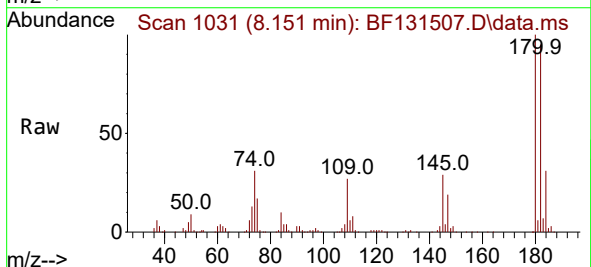
Tgt Ion:180 Resp: 232033

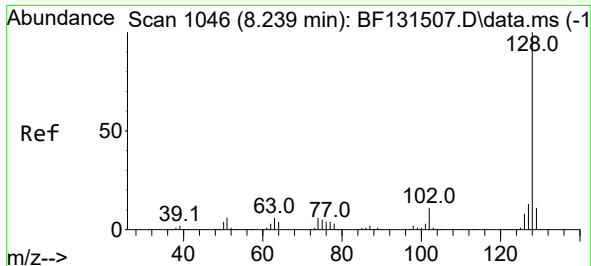
Ion Ratio Lower Upper

180 100

182 95.4 76.3 114.5

145 29.1 23.3 34.9

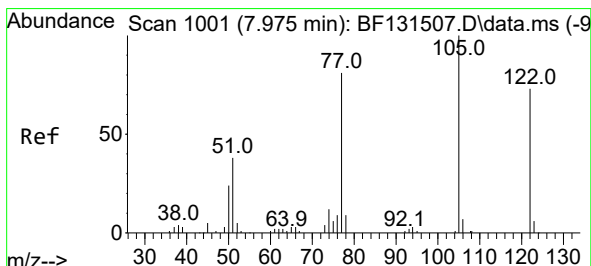
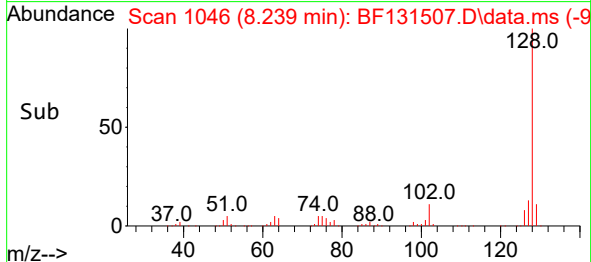
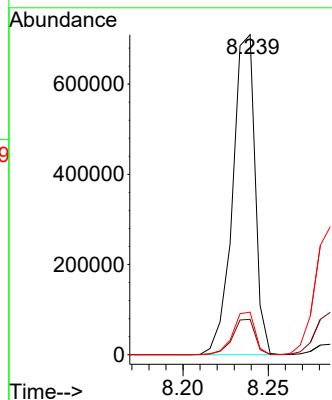
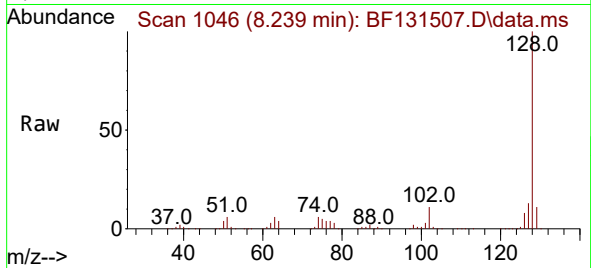




#31  
Naphthalene  
Concen: 39.066 ng  
RT: 8.239 min Scan# 1046  
Delta R.T. 0.000 min  
Lab File: BF131507.D  
Acq: 05 Dec 2022 18:11

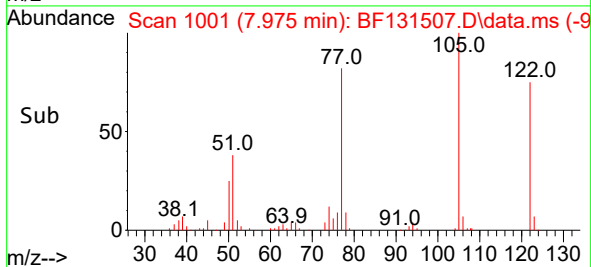
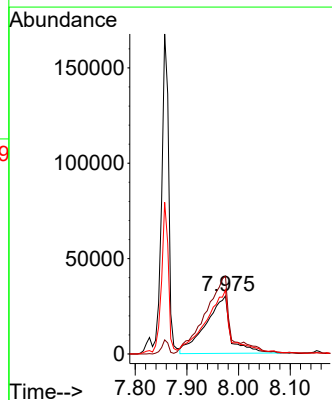
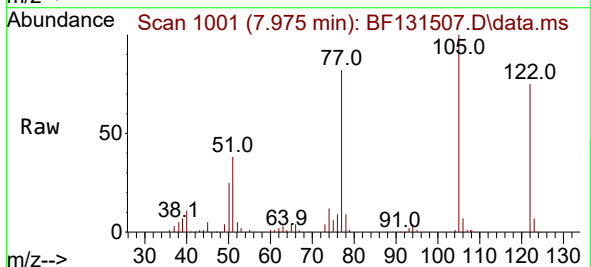
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

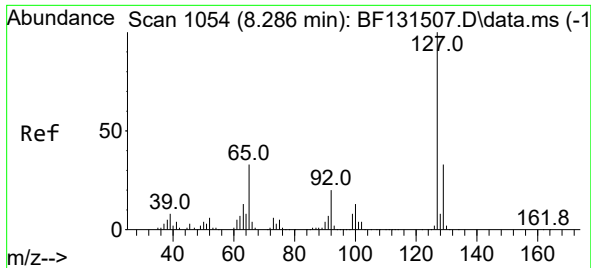
Tgt Ion:128 Resp: 649801  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.8 13.2  
127 13.3 10.6 16.0



#32  
Benzoic acid  
Concen: 41.712 ng  
RT: 7.975 min Scan# 1001  
Delta R.T. 0.000 min  
Lab File: BF131507.D  
Acq: 05 Dec 2022 18:11

Tgt Ion:122 Resp: 101550  
Ion Ratio Lower Upper  
122 100  
105 134.0 114.0 154.0  
77 110.3 90.3 130.3

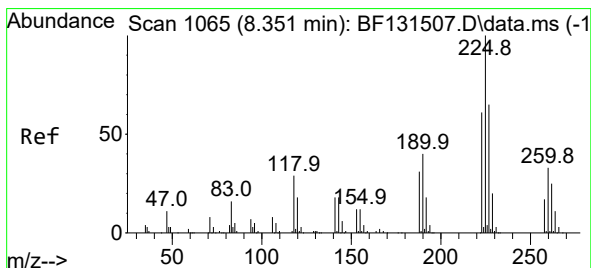
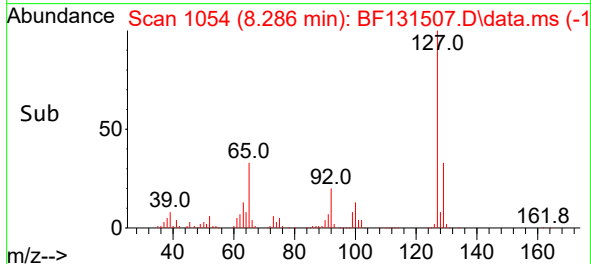
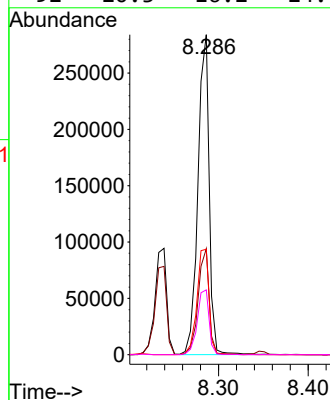
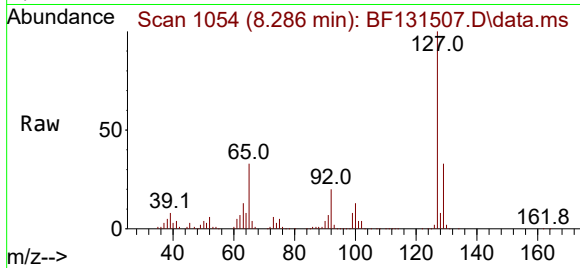




#33  
4-Chloroaniline  
Concen: 37.623 ng  
RT: 8.286 min Scan# 1054  
Delta R.T. 0.000 min  
Lab File: BF131507.D  
Acq: 05 Dec 2022 18:11

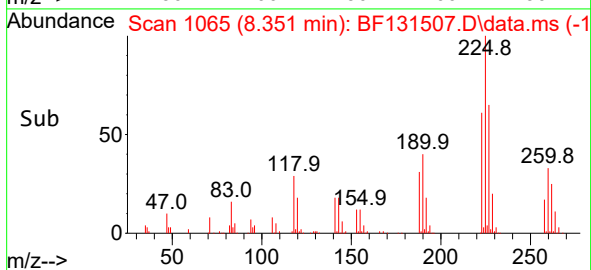
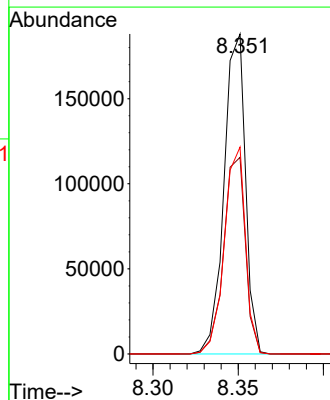
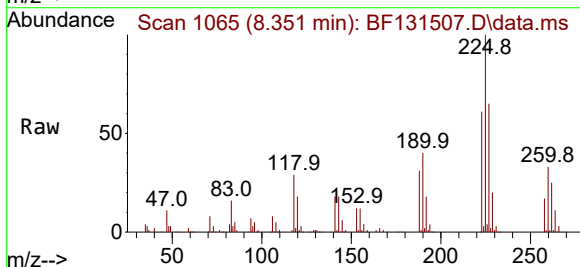
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

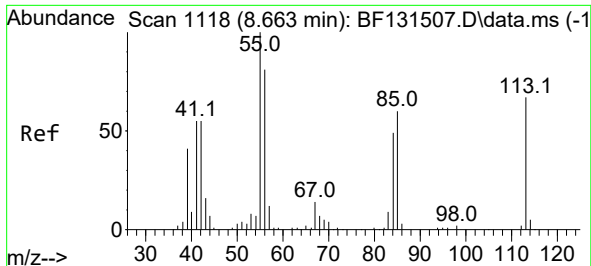
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 246887 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 33.1  | 26.5  | 39.7   |
| 65       | 33.0  | 26.4  | 39.6   |
| 92       | 20.3  | 16.2  | 24.4   |



#34  
Hexachlorobutadiene  
Concen: 44.167 ng  
RT: 8.351 min Scan# 1065  
Delta R.T. 0.000 min  
Lab File: BF131507.D  
Acq: 05 Dec 2022 18:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 164584 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 61.5  | 49.2  | 73.8   |
| 227      | 64.6  | 51.7  | 77.5   |

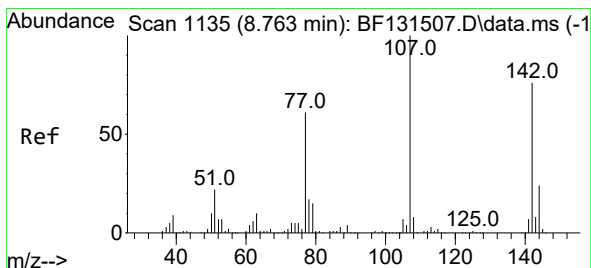
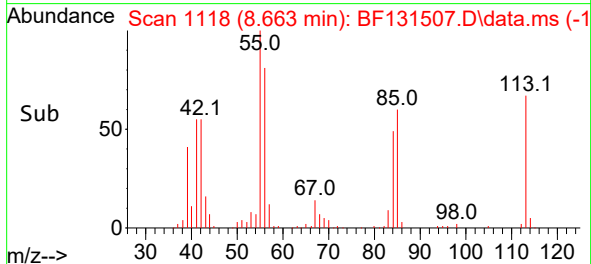
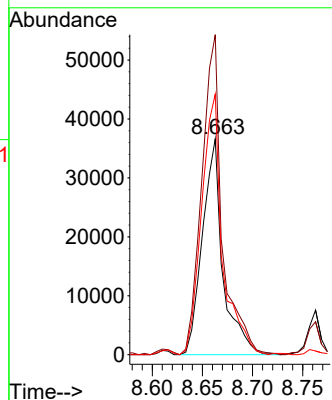
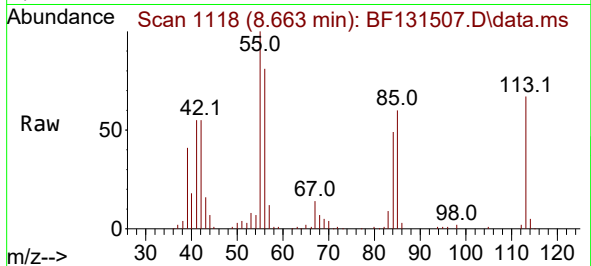




#35  
 Caprolactam  
 Concen: 42.665 ng  
 RT: 8.663 min Scan# 1118  
 Delta R.T. 0.000 min  
 Lab File: BF131507.D  
 Acq: 05 Dec 2022 18:11

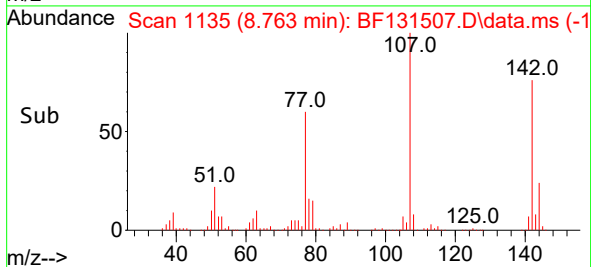
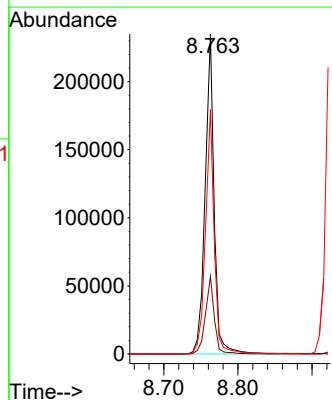
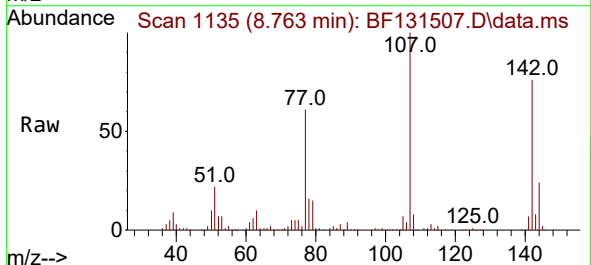
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

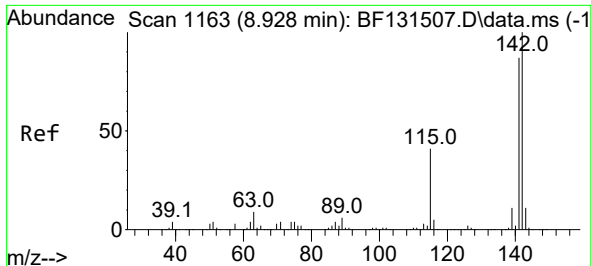
Tgt Ion:113 Resp: 52082  
 Ion Ratio Lower Upper  
 113 100  
 55 148.2 128.2 168.2  
 56 120.7 100.7 140.7



#36  
 4-Chloro-3-methylphenol  
 Concen: 41.264 ng  
 RT: 8.763 min Scan# 1135  
 Delta R.T. 0.000 min  
 Lab File: BF131507.D  
 Acq: 05 Dec 2022 18:11

Tgt Ion:107 Resp: 199152  
 Ion Ratio Lower Upper  
 107 100  
 144 24.2 19.4 29.0  
 142 76.4 61.1 91.7

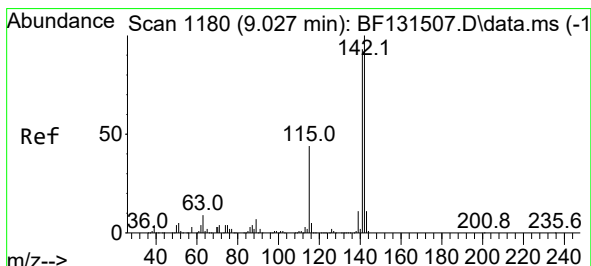
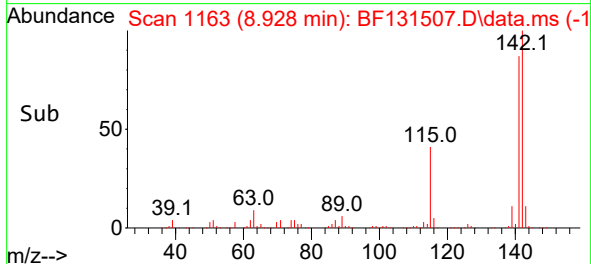
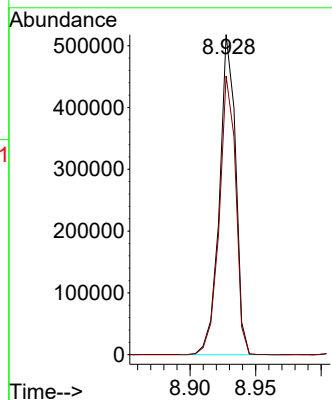
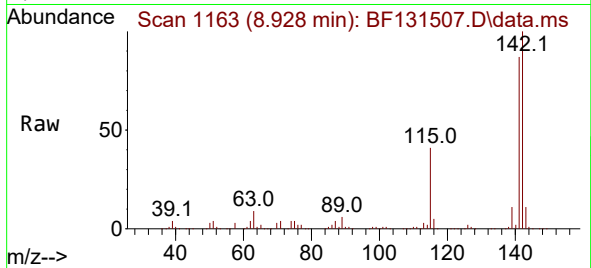




#37  
2-Methylnaphthalene  
Concen: 39.225 ng  
RT: 8.928 min Scan# 1163  
Delta R.T. 0.000 min  
Lab File: BF131507.D  
Acq: 05 Dec 2022 18:11

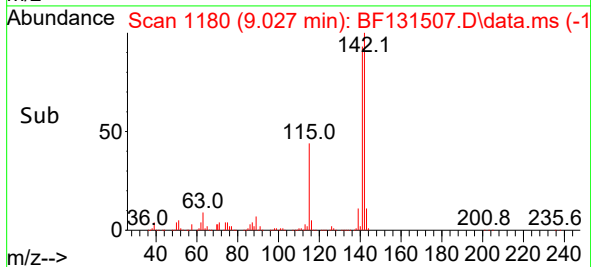
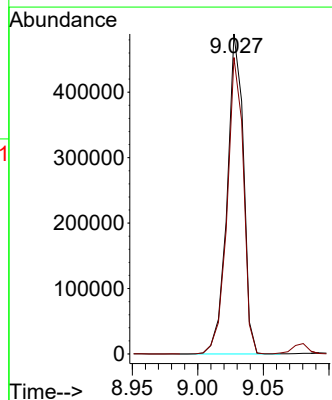
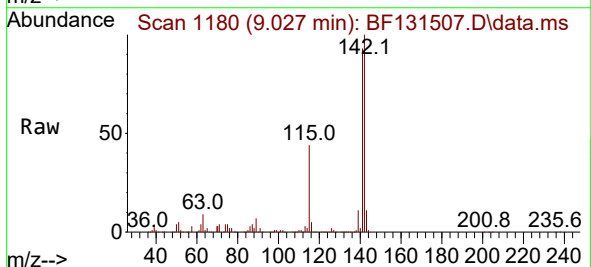
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

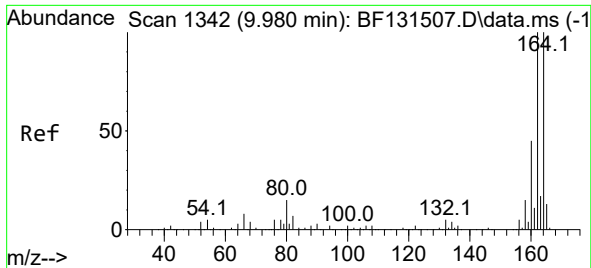
Tgt Ion:142 Resp: 442070  
Ion Ratio Lower Upper  
142 100  
141 87.1 69.7 104.5



#38  
1-Methylnaphthalene  
Concen: 38.616 ng  
RT: 9.027 min Scan# 1180  
Delta R.T. 0.000 min  
Lab File: BF131507.D  
Acq: 05 Dec 2022 18:11

Tgt Ion:142 Resp: 422021  
Ion Ratio Lower Upper  
142 100  
141 92.7 74.2 111.2

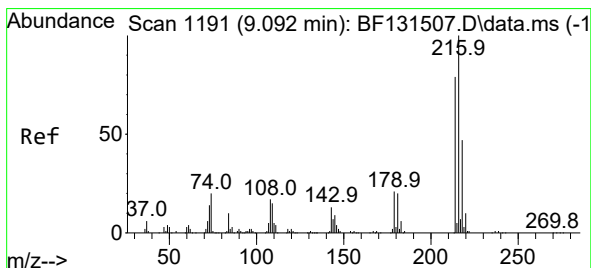
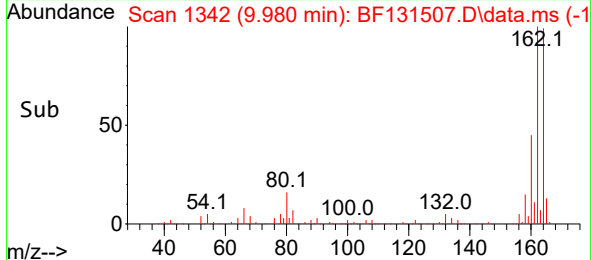
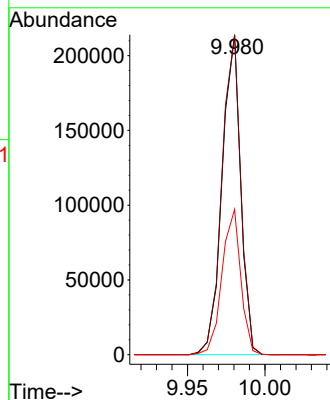
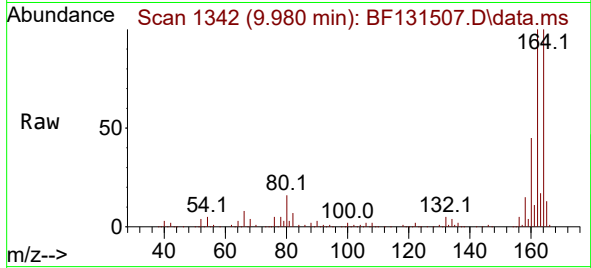




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.980 min Scan# 1191  
Delta R.T. 0.000 min  
Lab File: BF131507.D  
Acq: 05 Dec 2022 18:11

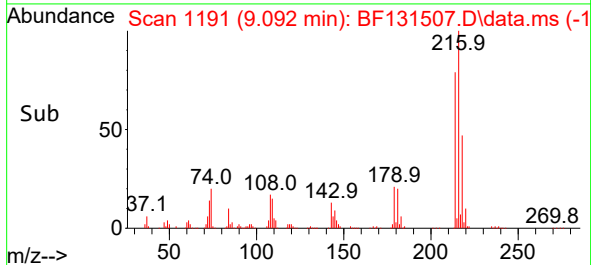
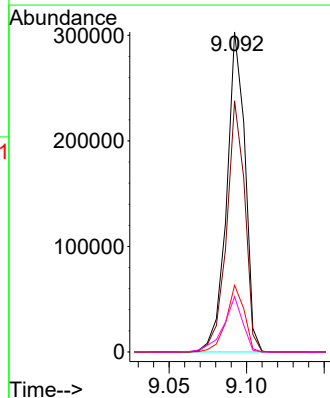
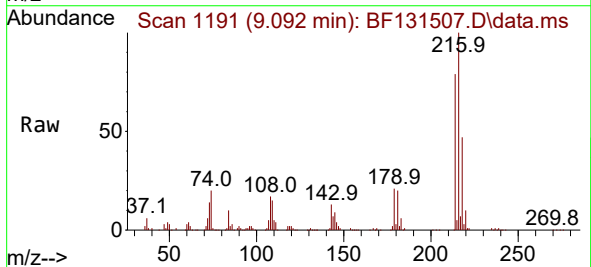
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

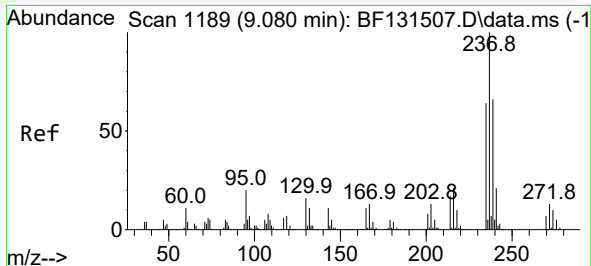
Tgt Ion:164 Resp: 178004  
Ion Ratio Lower Upper  
164 100  
162 100.1 80.1 120.1  
160 45.5 36.4 54.6



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 43.189 ng  
RT: 9.092 min Scan# 1191  
Delta R.T. 0.000 min  
Lab File: BF131507.D  
Acq: 05 Dec 2022 18:11

Tgt Ion:216 Resp: 249480  
Ion Ratio Lower Upper  
216 100  
214 77.8 62.2 93.4  
179 20.5 16.4 24.6  
108 18.2 14.6 21.8

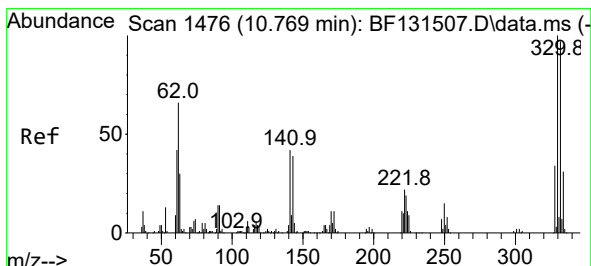
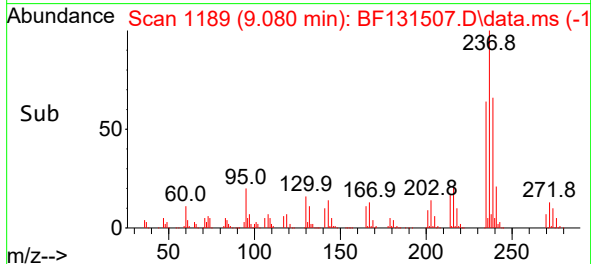
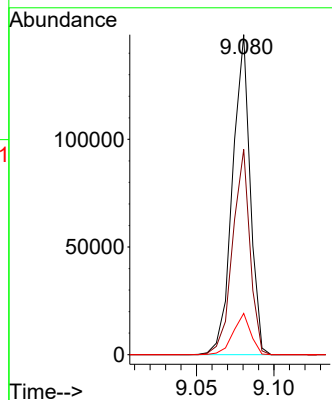
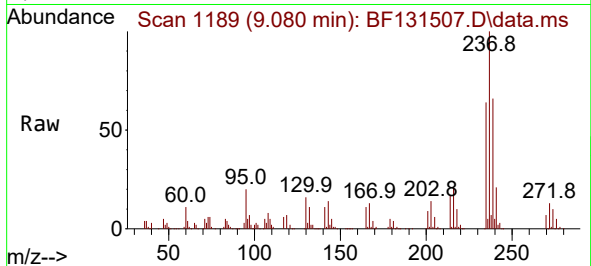




#41  
Hexachlorocyclopentadiene  
Concen: 45.343 ng  
RT: 9.080 min Scan# 1189  
Delta R.T. 0.000 min  
Lab File: BF131507.D  
Acq: 05 Dec 2022 18:11

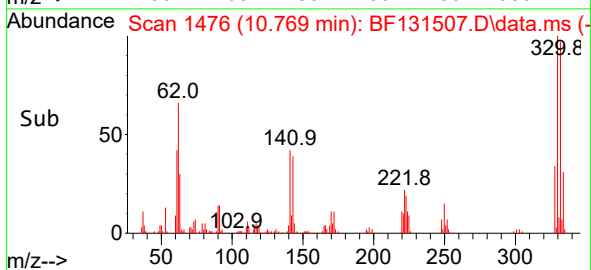
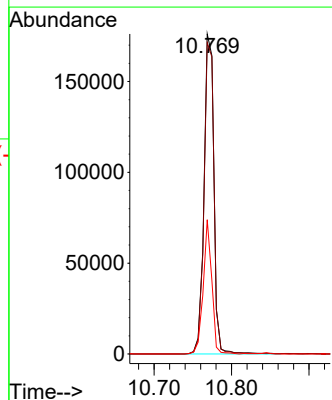
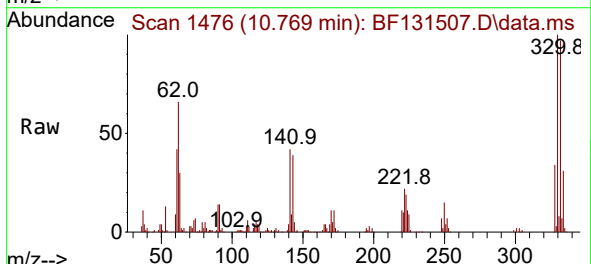
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

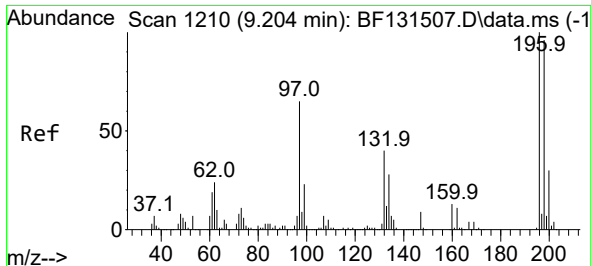
Tgt Ion:237 Resp: 117745  
Ion Ratio Lower Upper  
237 100  
235 64.2 44.2 84.2  
272 12.9 0.0 32.9



#42  
2,4,6-Tribromophenol  
Concen: 104.054 ng  
RT: 10.769 min Scan# 1476  
Delta R.T. 0.000 min  
Lab File: BF131507.D  
Acq: 05 Dec 2022 18:11

Tgt Ion:330 Resp: 155827  
Ion Ratio Lower Upper  
330 100  
332 97.7 78.2 117.2  
141 36.4 29.1 43.7

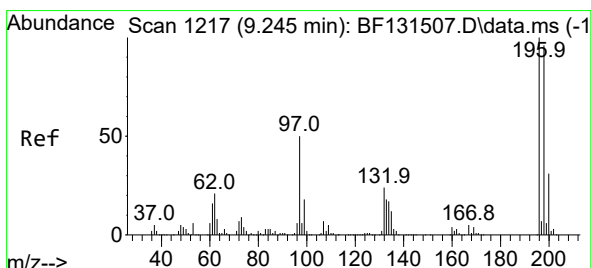
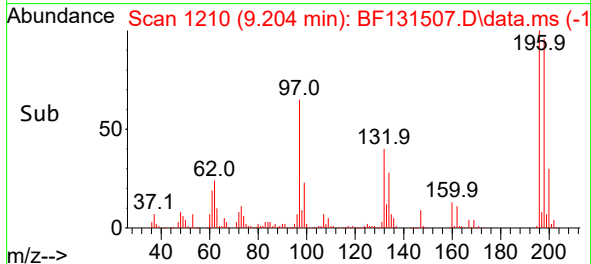
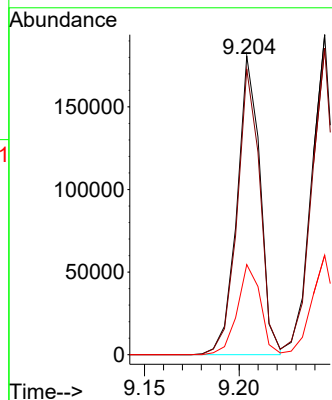
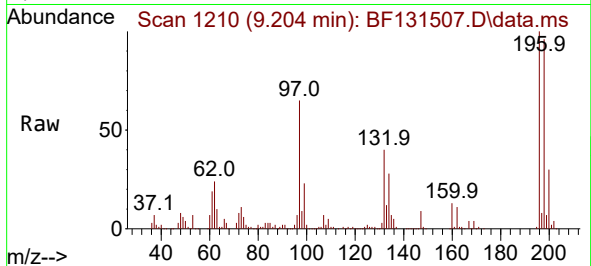




#43  
2,4,6-Trichlorophenol  
Concen: 46.612 ng  
RT: 9.204 min Scan# 1210  
Delta R.T. 0.000 min  
Lab File: BF131507.D  
Acq: 05 Dec 2022 18:11

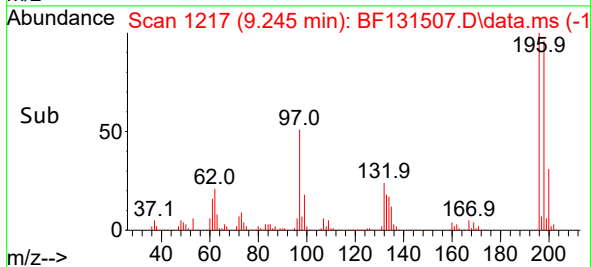
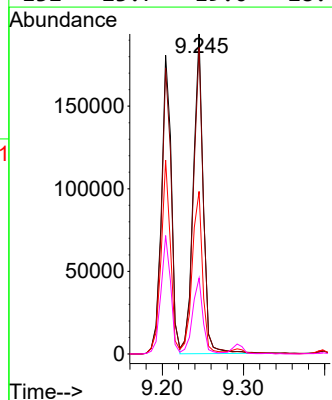
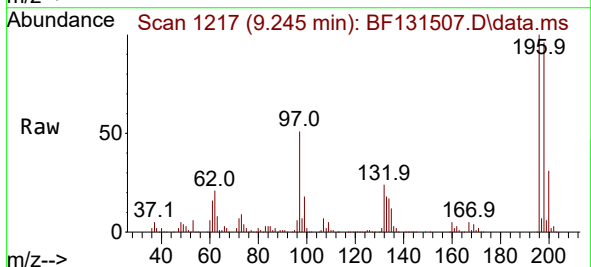
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

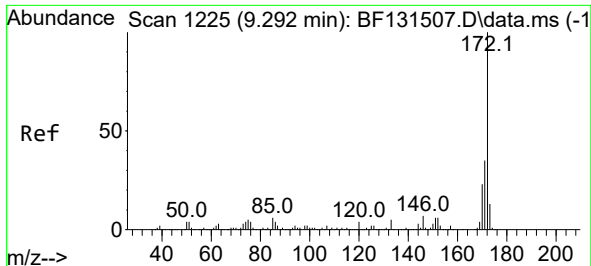
Tgt Ion:196 Resp: 152744  
Ion Ratio Lower Upper  
196 100  
198 95.6 76.5 114.7  
200 30.2 24.2 36.2



#44  
2,4,5-Trichlorophenol  
Concen: 44.865 ng  
RT: 9.245 min Scan# 1217  
Delta R.T. 0.000 min  
Lab File: BF131507.D  
Acq: 05 Dec 2022 18:11

Tgt Ion:196 Resp: 165322  
Ion Ratio Lower Upper  
196 100  
198 95.7 76.6 114.8  
97 50.8 40.6 61.0  
132 23.7 19.0 28.4

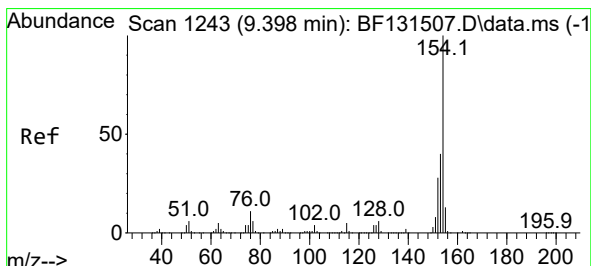
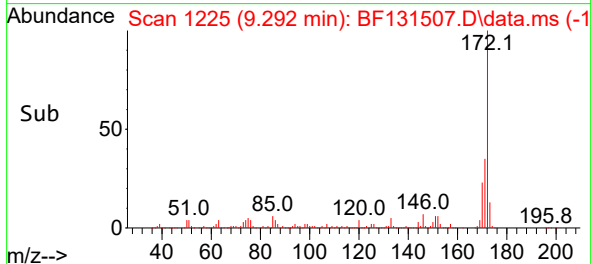
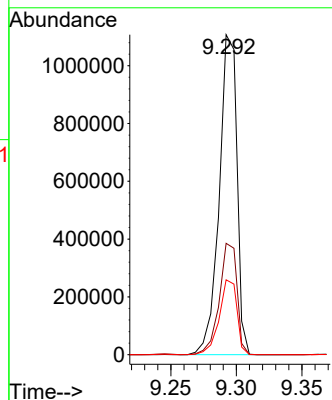
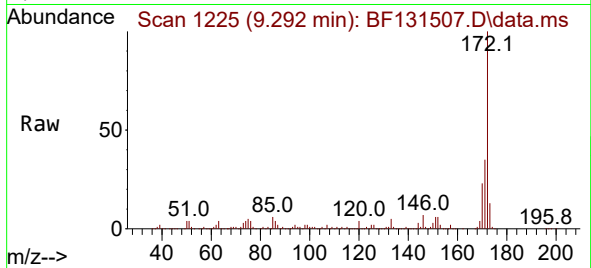




#45  
2-Fluorobiphenyl  
Concen: 84.981 ng  
RT: 9.292 min Scan# 1225  
Delta R.T. 0.000 min  
Lab File: BF131507.D  
Acq: 05 Dec 2022 18:11

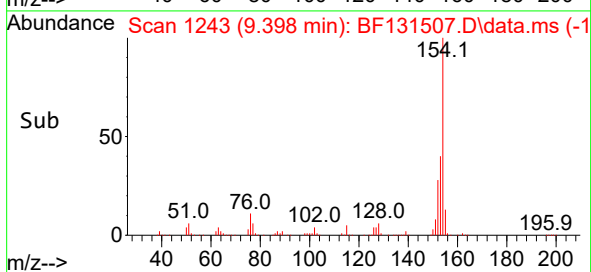
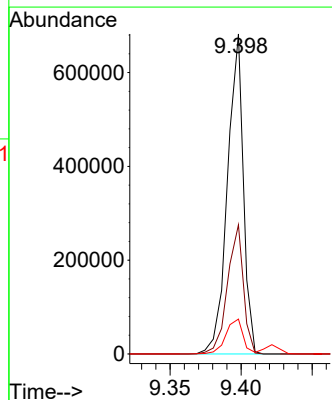
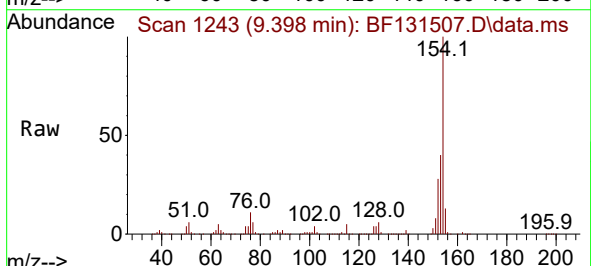
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

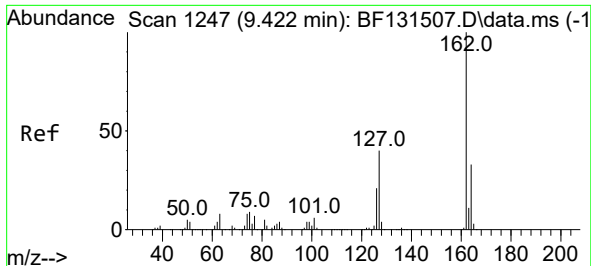
Tgt Ion:172 Resp: 1039786  
Ion Ratio Lower Upper  
172 100  
171 34.8 27.8 41.8  
170 23.4 18.7 28.1



#46  
1,1'-Biphenyl  
Concen: 38.942 ng  
RT: 9.398 min Scan# 1243  
Delta R.T. 0.000 min  
Lab File: BF131507.D  
Acq: 05 Dec 2022 18:11

Tgt Ion:154 Resp: 528988  
Ion Ratio Lower Upper  
154 100  
153 40.3 20.3 60.3  
76 10.9 0.0 30.9

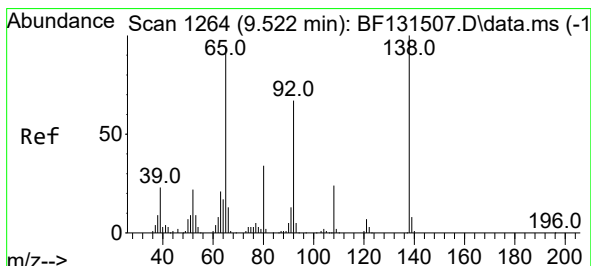
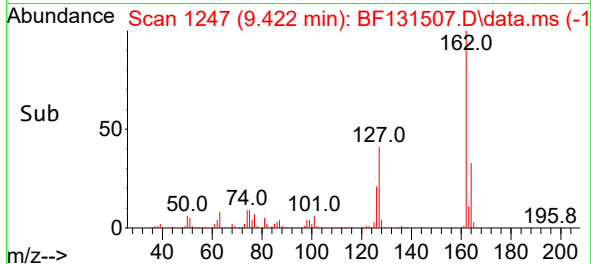
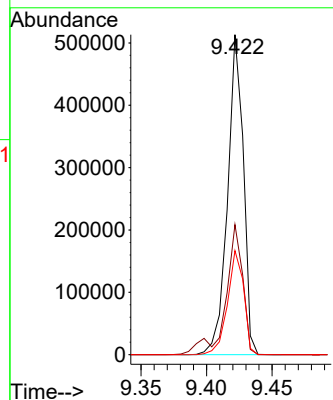
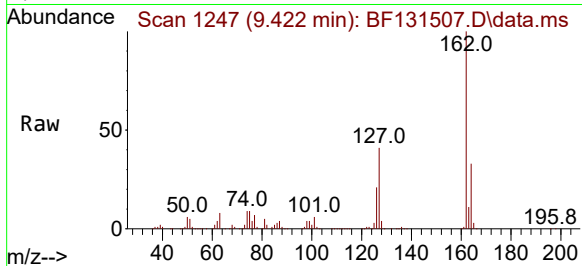




#47  
2-Chloronaphthalene  
Concen: 39.369 ng  
RT: 9.422 min Scan# 1247  
Delta R.T. 0.000 min  
Lab File: BF131507.D  
Acq: 05 Dec 2022 18:11

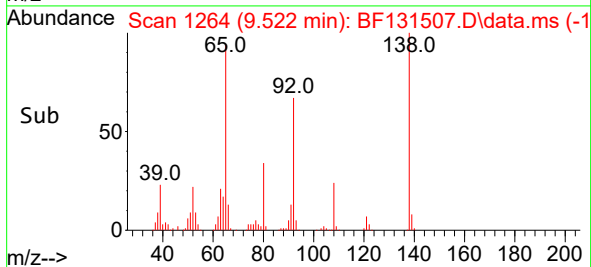
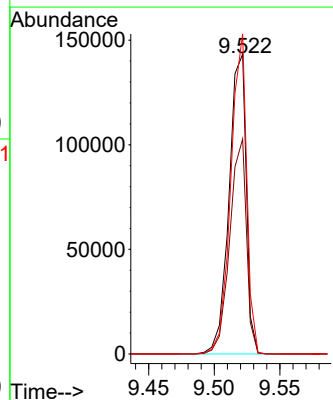
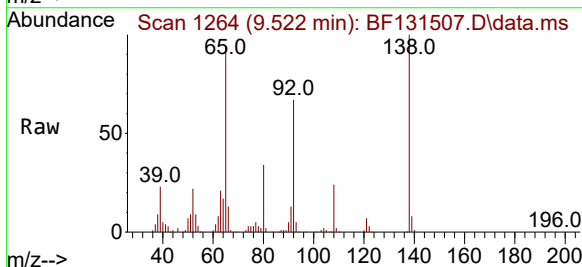
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

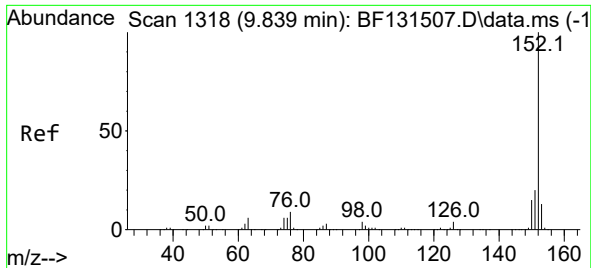
Tgt Ion:162 Resp: 429004  
Ion Ratio Lower Upper  
162 100  
127 40.7 32.6 48.8  
164 32.5 26.0 39.0



#48  
2-Nitroaniline  
Concen: 39.461 ng  
RT: 9.522 min Scan# 1264  
Delta R.T. 0.000 min  
Lab File: BF131507.D  
Acq: 05 Dec 2022 18:11

Tgt Ion: 65 Resp: 130560  
Ion Ratio Lower Upper  
65 100  
92 71.7 57.4 86.0  
138 106.7 85.4 128.0

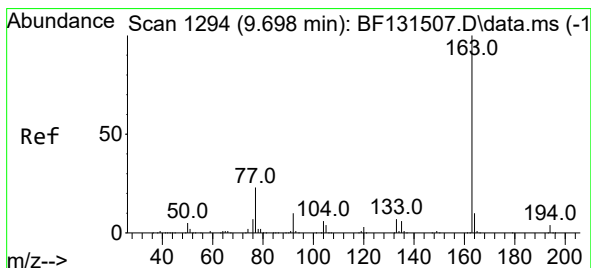
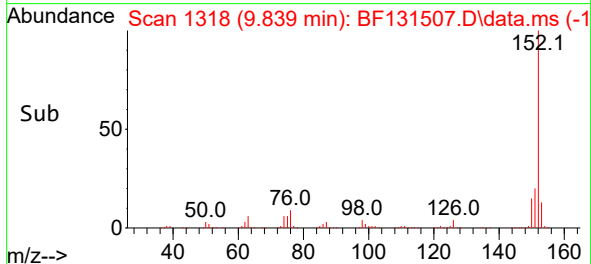
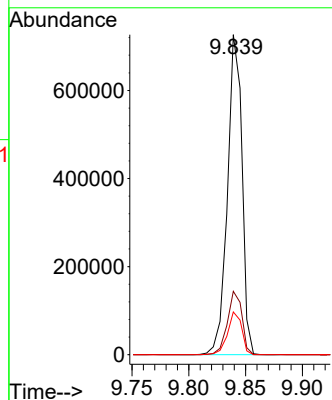
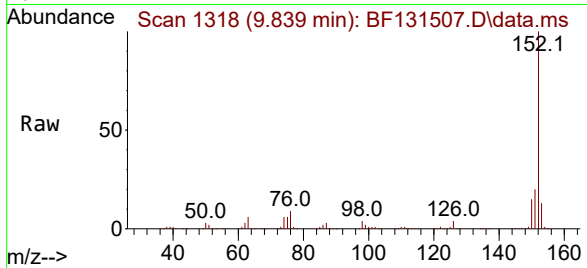




#49  
Acenaphthylene  
Concen: 38.918 ng  
RT: 9.839 min Scan# 1318  
Delta R.T. 0.000 min  
Lab File: BF131507.D  
Acq: 05 Dec 2022 18:11

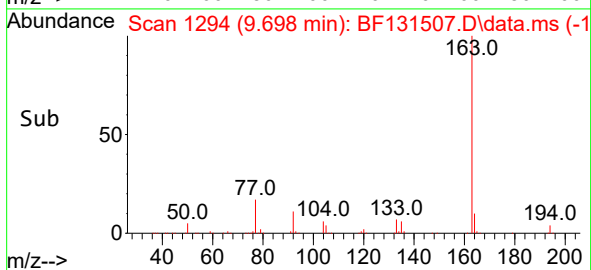
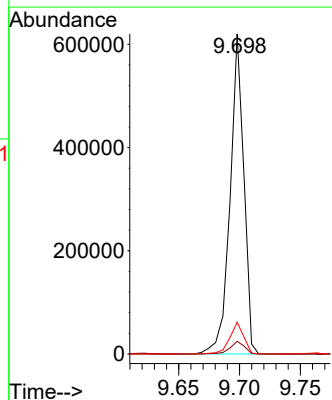
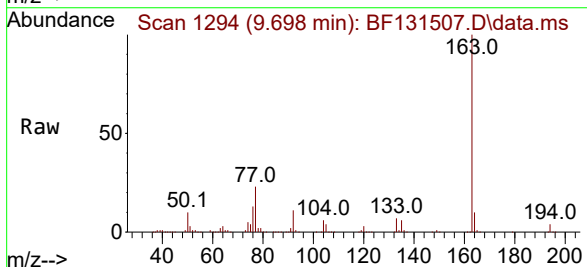
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

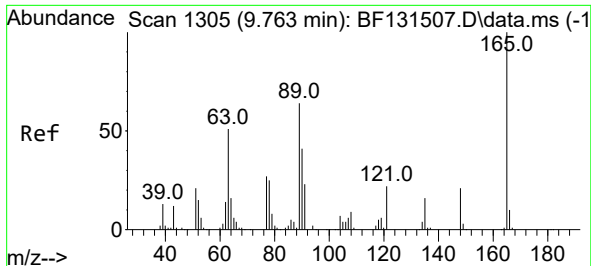
Tgt Ion:152 Resp: 646469  
Ion Ratio Lower Upper  
152 100  
151 19.8 15.8 23.8  
153 13.3 10.6 16.0



#50  
Dimethylphthalate  
Concen: 39.108 ng  
RT: 9.698 min Scan# 1294  
Delta R.T. 0.000 min  
Lab File: BF131507.D  
Acq: 05 Dec 2022 18:11

Tgt Ion:163 Resp: 485019  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.1 4.7  
164 9.9 7.9 11.9

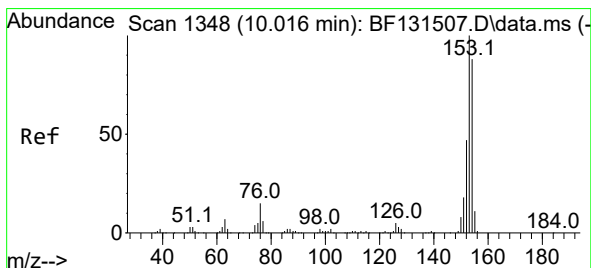
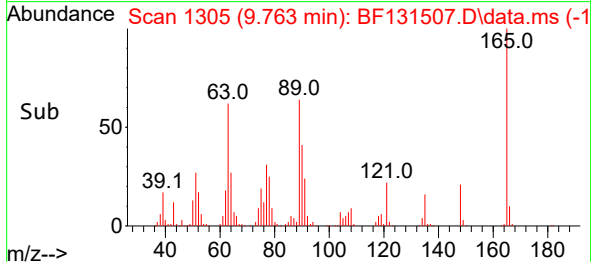
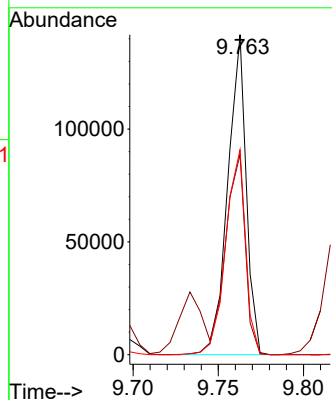
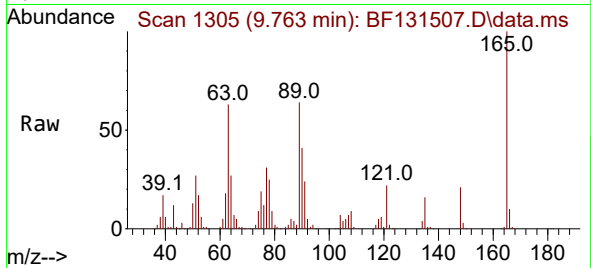




#51  
2,6-Dinitrotoluene  
Concen: 43.071 ng  
RT: 9.763 min Scan# 1305  
Delta R.T. 0.000 min  
Lab File: BF131507.D  
Acq: 05 Dec 2022 18:11

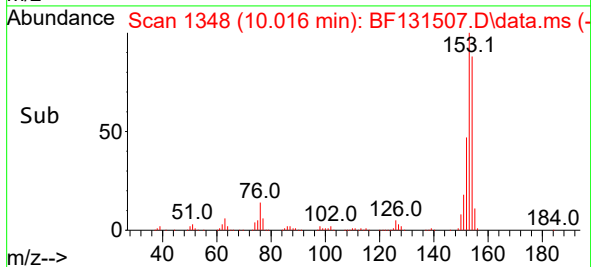
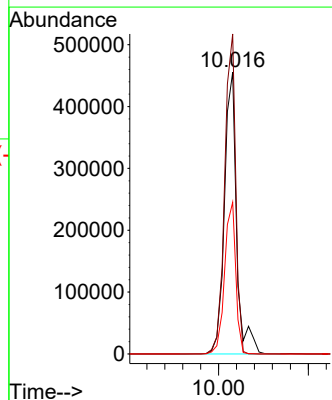
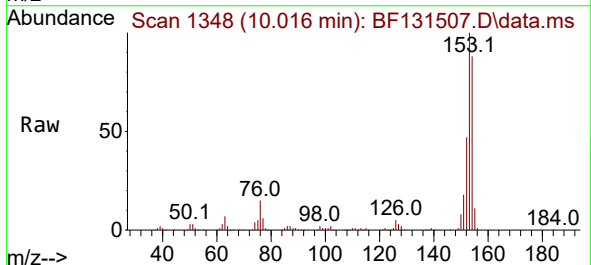
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

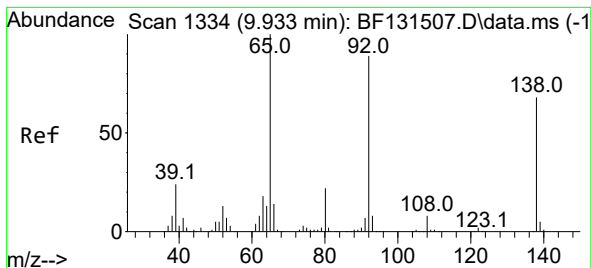
Tgt Ion:165 Resp: 106828  
Ion Ratio Lower Upper  
165 100  
63 62.6 50.1 75.1  
89 64.1 51.3 76.9



#52  
Acenaphthene  
Concen: 41.192 ng  
RT: 10.016 min Scan# 1348  
Delta R.T. 0.000 min  
Lab File: BF131507.D  
Acq: 05 Dec 2022 18:11

Tgt Ion:154 Resp: 428462  
Ion Ratio Lower Upper  
154 100  
153 113.6 90.9 136.3  
152 53.9 43.1 64.7





#53

3-Nitroaniline

Concen: 43.649 ng

RT: 9.933 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF131507.D

Acq: 05 Dec 2022 18:11

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

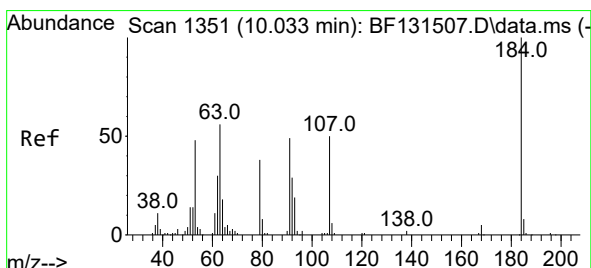
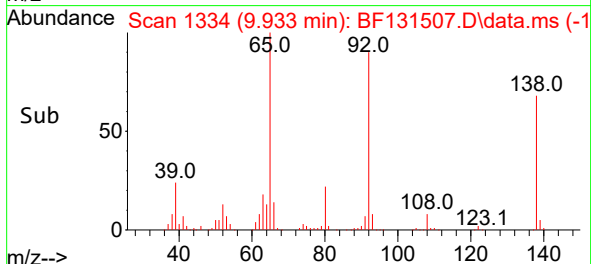
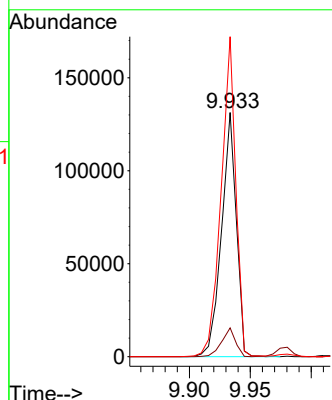
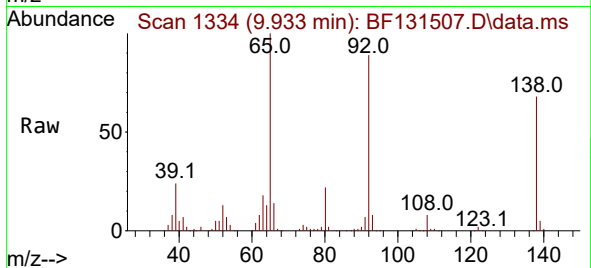
Tgt Ion:138 Resp: 111244

Ion Ratio Lower Upper

138 100

108 11.8 9.4 14.2

92 131.0 104.8 157.2



#54

2,4-Dinitrophenol

Concen: 62.103 ng

RT: 10.033 min Scan# 1351

Delta R.T. 0.000 min

Lab File: BF131507.D

Acq: 05 Dec 2022 18:11

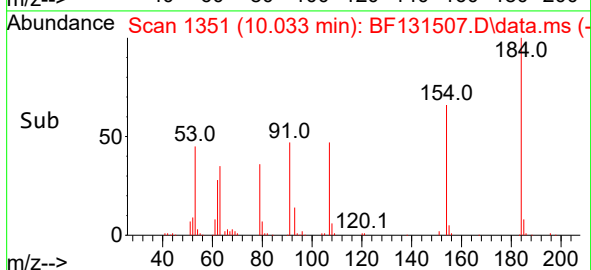
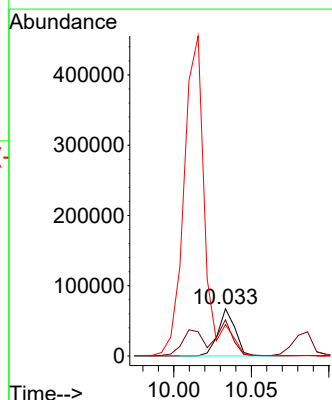
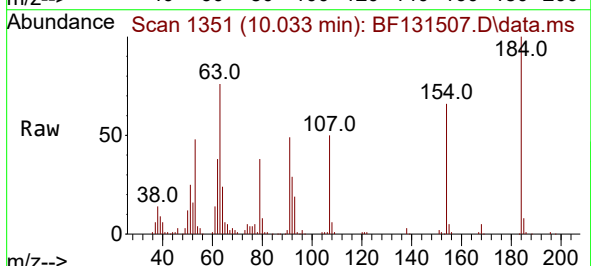
Tgt Ion:184 Resp: 51751

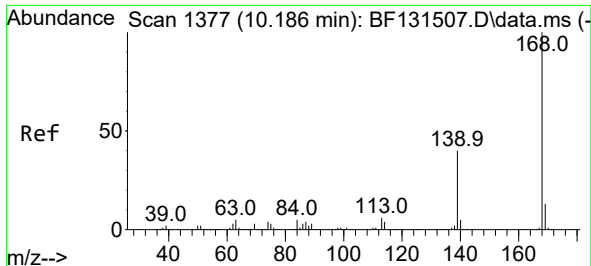
Ion Ratio Lower Upper

184 100

63 76.5 61.2 91.8

154 66.4 53.1 79.7

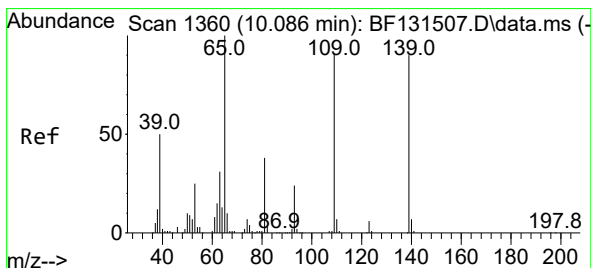
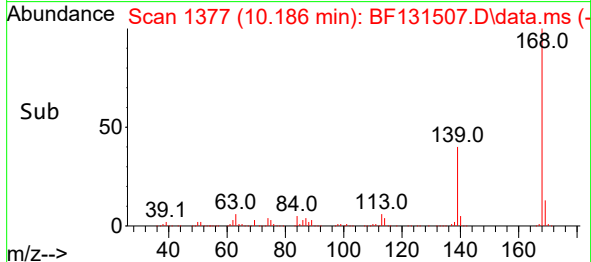
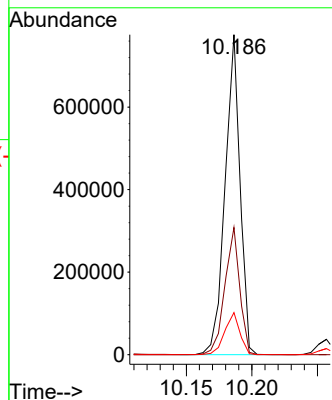
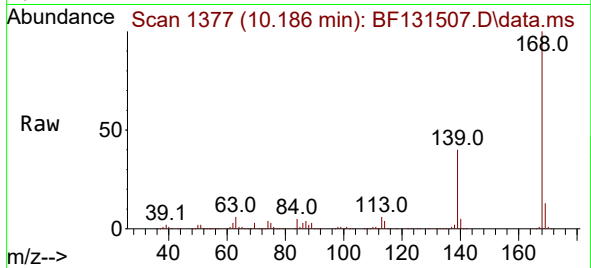




#55  
Dibenzenofuran  
Concen: 40.993 ng  
RT: 10.186 min Scan# 1377  
Delta R.T. 0.000 min  
Lab File: BF131507.D  
Acq: 05 Dec 2022 18:11

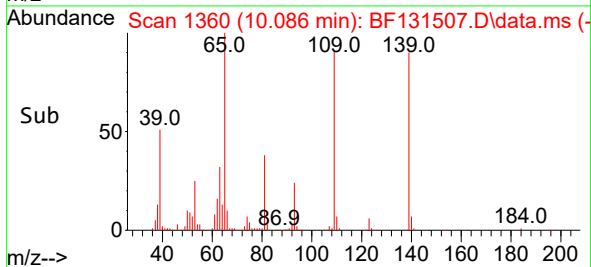
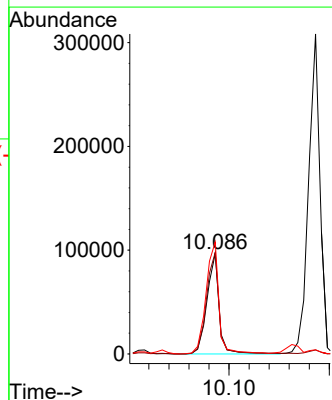
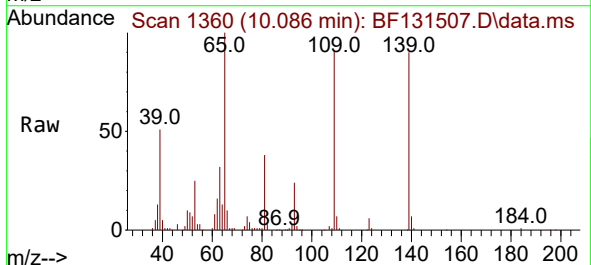
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

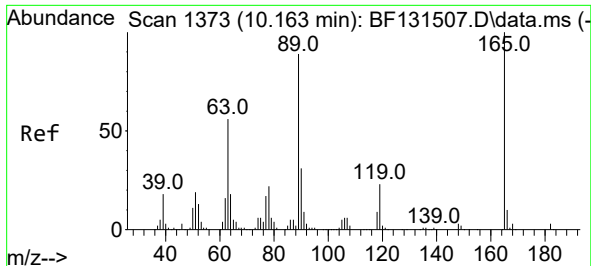
Tgt Ion:168 Resp: 613448  
Ion Ratio Lower Upper  
168 100  
139 39.8 31.8 47.8  
169 13.2 10.6 15.8



#56  
4-Nitrophenol  
Concen: 46.238 ng  
RT: 10.086 min Scan# 1360  
Delta R.T. 0.000 min  
Lab File: BF131507.D  
Acq: 05 Dec 2022 18:11

Tgt Ion:139 Resp: 81785  
Ion Ratio Lower Upper  
139 100  
109 101.1 81.1 121.1  
65 111.5 91.5 131.5





#57

2,4-Dinitrotoluene

Concen: 46.124 ng

RT: 10.163 min Scan# 1373

Delta R.T. 0.000 min

Lab File: BF131507.D

Acq: 05 Dec 2022 18:11

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

Tgt Ion:165 Resp: 143941

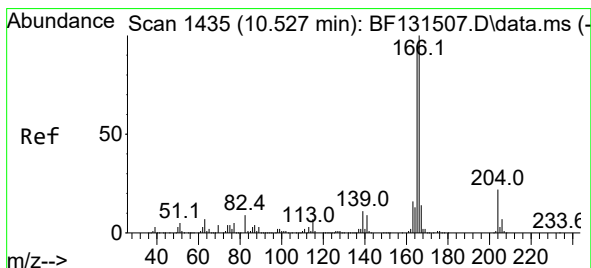
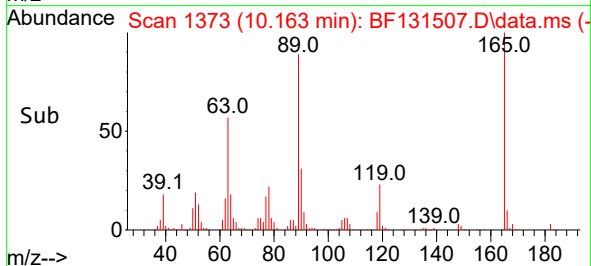
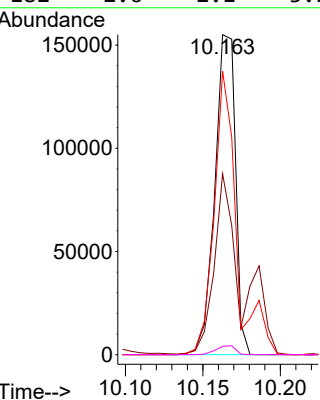
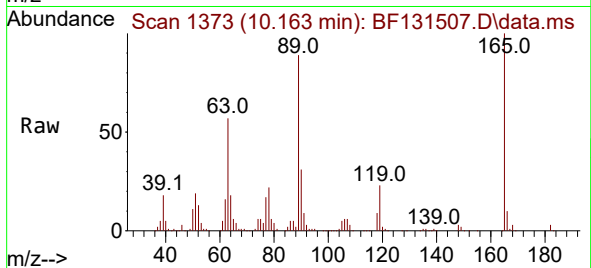
Ion Ratio Lower Upper

165 100

63 56.6 45.3 67.9

89 88.7 71.0 106.4

182 2.6 2.1 3.1



#58

Fluorene

Concen: 44.176 ng

RT: 10.527 min Scan# 1435

Delta R.T. 0.000 min

Lab File: BF131507.D

Acq: 05 Dec 2022 18:11

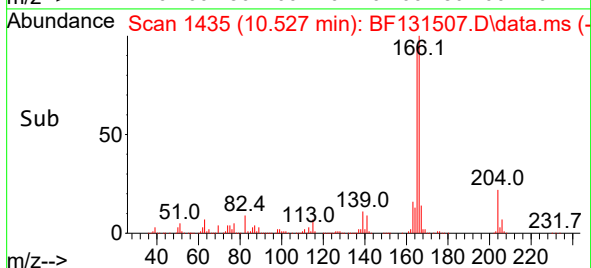
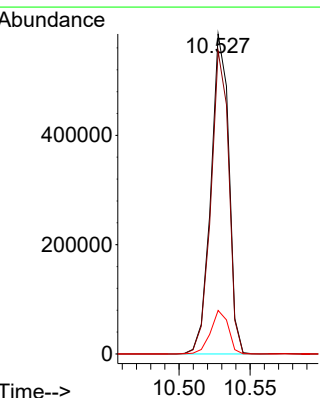
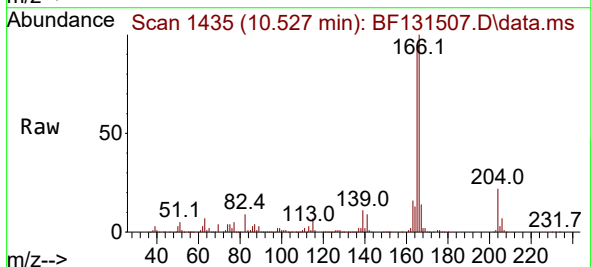
Tgt Ion:166 Resp: 515930

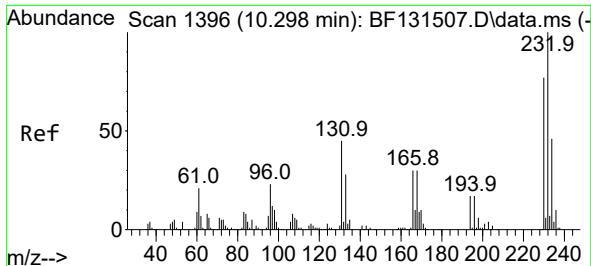
Ion Ratio Lower Upper

166 100

165 94.6 75.7 113.5

167 13.6 10.9 16.3

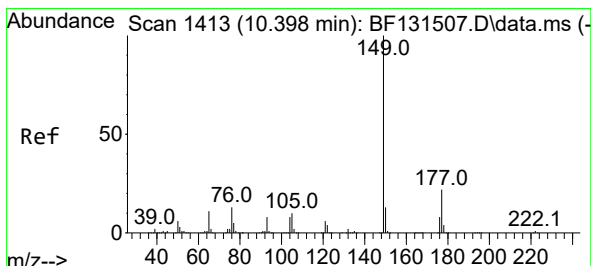
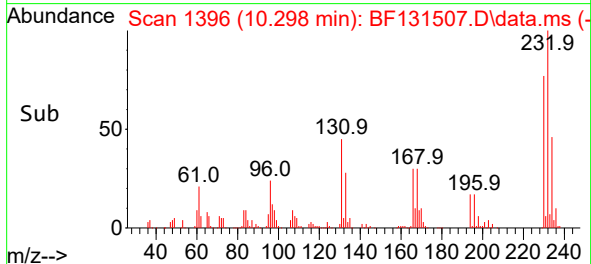
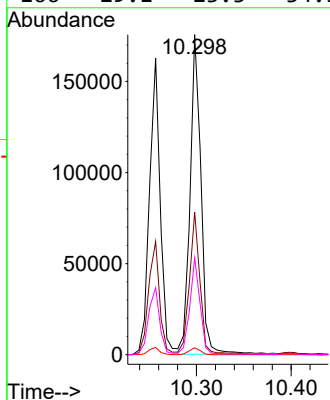
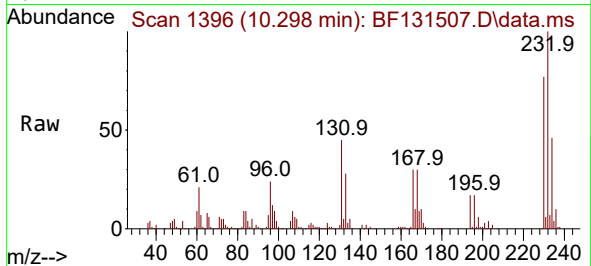




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 45.647 ng  
RT: 10.298 min Scan# 1396  
Delta R.T. 0.000 min  
Lab File: BF131507.D  
Acq: 05 Dec 2022 18:11

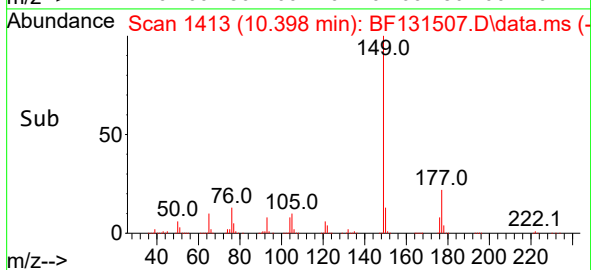
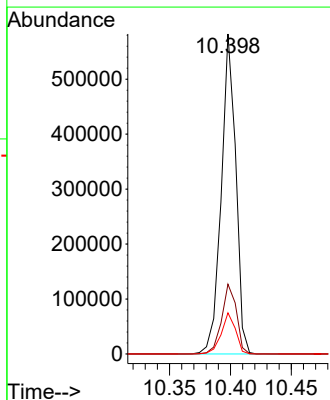
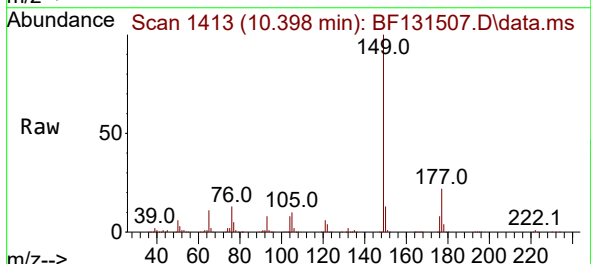
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

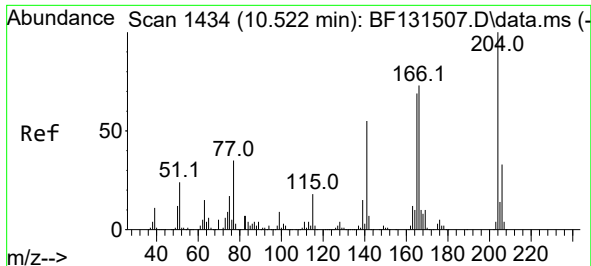
Tgt Ion:232 Resp: 140077  
Ion Ratio Lower Upper  
232 100  
131 43.5 34.8 52.2  
130 2.2 1.8 2.6  
166 29.1 23.3 34.9



#60  
Diethylphthalate  
Concen: 41.348 ng  
RT: 10.398 min Scan# 1413  
Delta R.T. 0.000 min  
Lab File: BF131507.D  
Acq: 05 Dec 2022 18:11

Tgt Ion:149 Resp: 484210  
Ion Ratio Lower Upper  
149 100  
177 21.8 17.4 26.2  
150 12.8 10.2 15.4

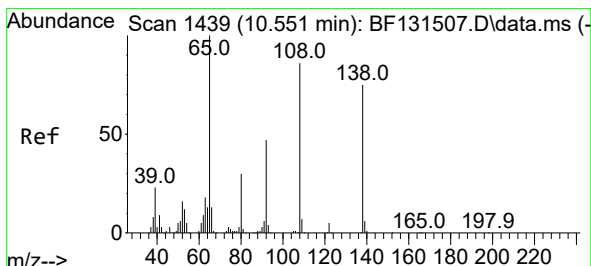
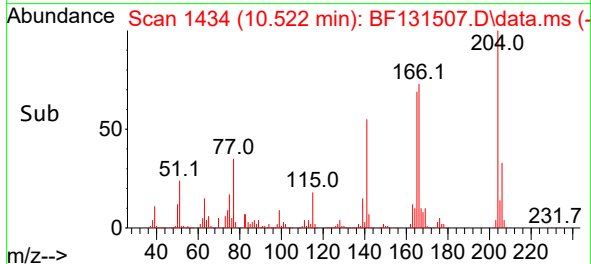
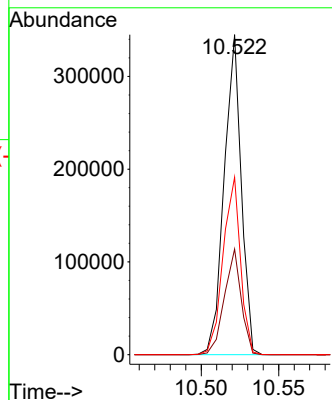
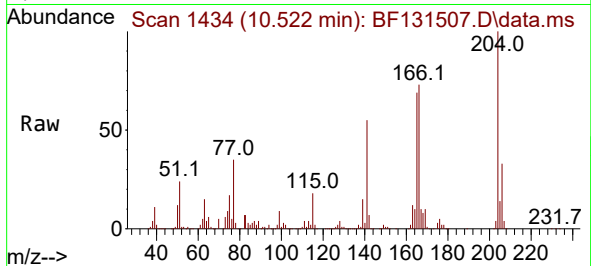




#61  
4-Chlorophenyl-phenylether  
Concen: 44.234 ng  
RT: 10.522 min Scan# 1434  
Delta R.T. 0.000 min  
Lab File: BF131507.D  
Acq: 05 Dec 2022 18:11

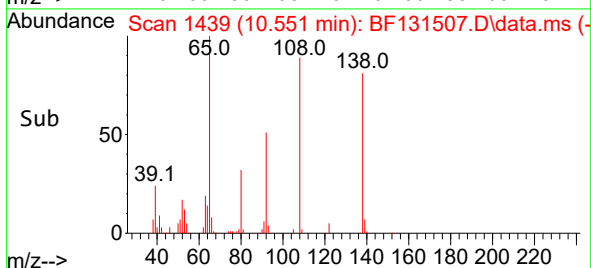
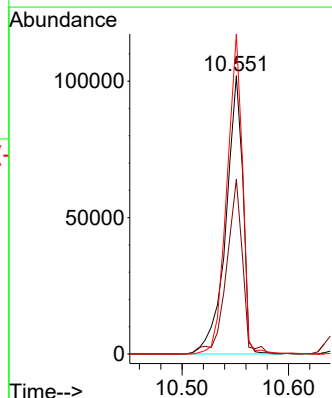
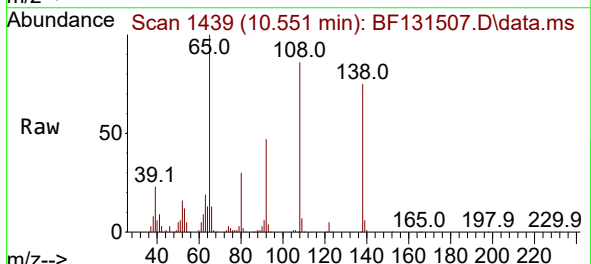
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

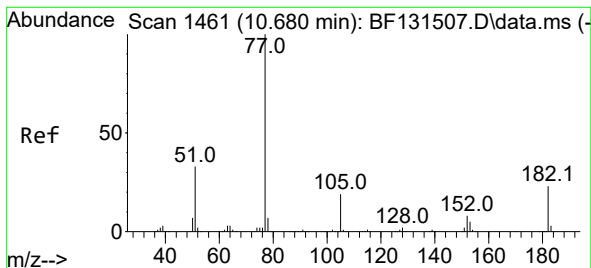
Tgt Ion:204 Resp: 264834  
Ion Ratio Lower Upper  
204 100  
206 33.0 26.4 39.6  
141 55.5 44.4 66.6



#62  
4-Nitroaniline  
Concen: 44.012 ng  
RT: 10.551 min Scan# 1439  
Delta R.T. 0.000 min  
Lab File: BF131507.D  
Acq: 05 Dec 2022 18:11

Tgt Ion:138 Resp: 111634  
Ion Ratio Lower Upper  
138 100  
92 62.7 42.7 82.7  
108 115.0 95.0 135.0





#63

Azobenzene

Concen: 38.887 ng

RT: 10.680 min Scan# 1461

Delta R.T. 0.000 min

Lab File: BF131507.D

Acq: 05 Dec 2022 18:11

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 77 Resp: 489646

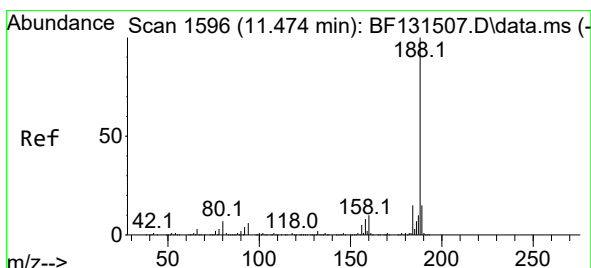
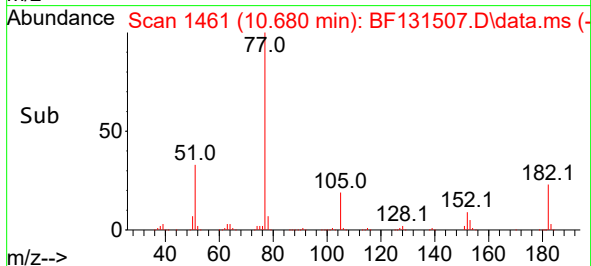
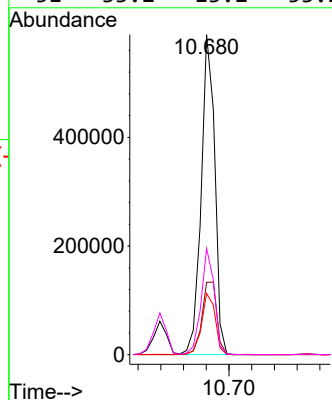
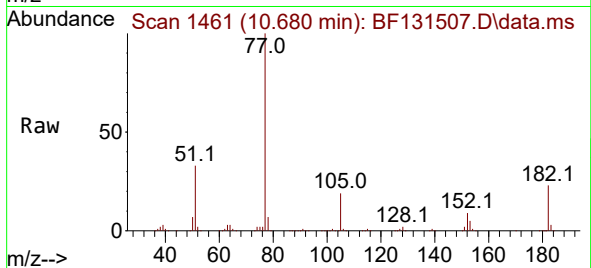
Ion Ratio Lower Upper

77 100

182 22.6 2.6 42.6

105 19.1 0.0 39.1

51 33.2 13.2 53.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.474 min Scan# 1596

Delta R.T. 0.000 min

Lab File: BF131507.D

Acq: 05 Dec 2022 18:11

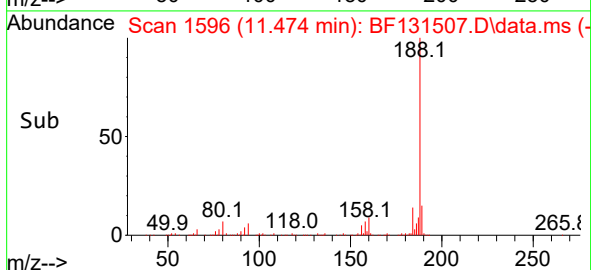
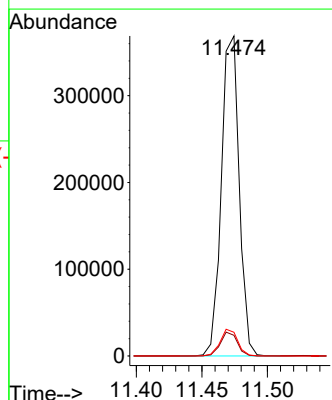
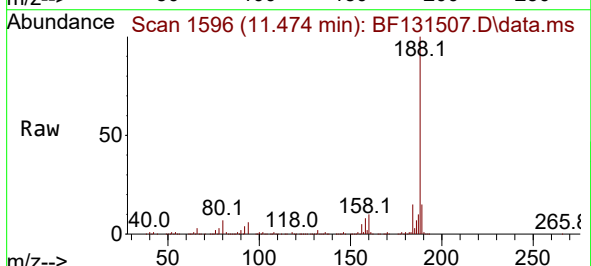
Tgt Ion:188 Resp: 348298

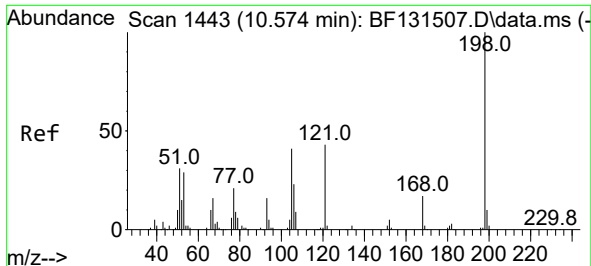
Ion Ratio Lower Upper

188 100

94 6.4 5.1 7.7

80 7.4 5.9 8.9

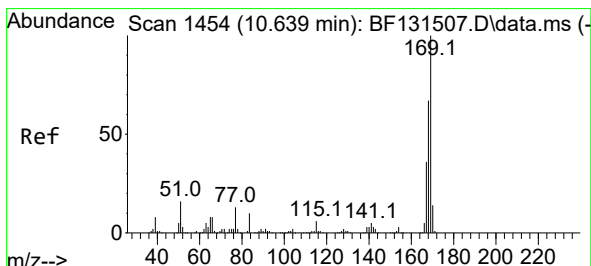
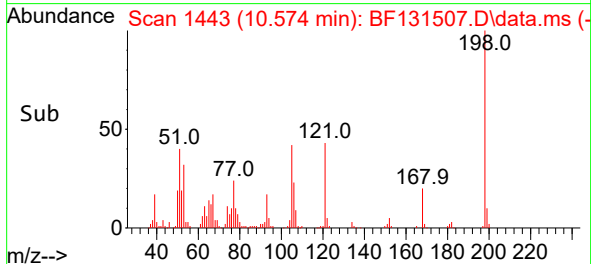
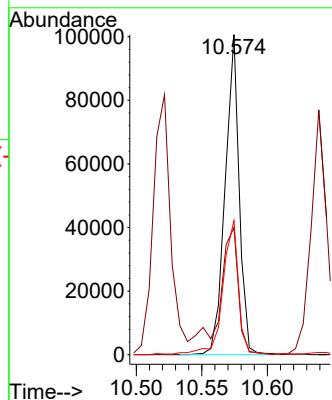
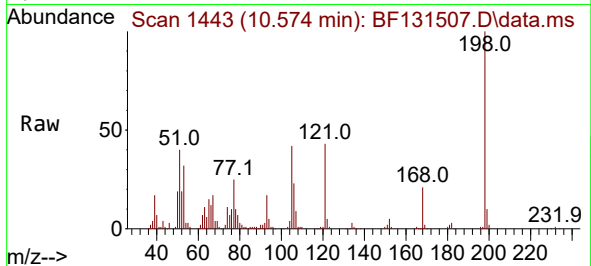




#65  
4,6-Dinitro-2-methylphenol  
Concen: 54.555 ng  
RT: 10.574 min Scan# 1443  
Delta R.T. 0.000 min  
Lab File: BF131507.D  
Acq: 05 Dec 2022 18:11

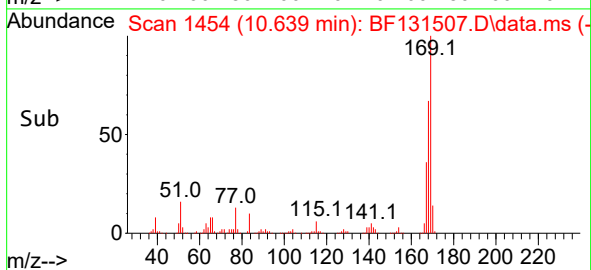
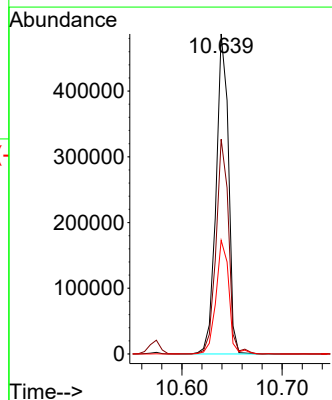
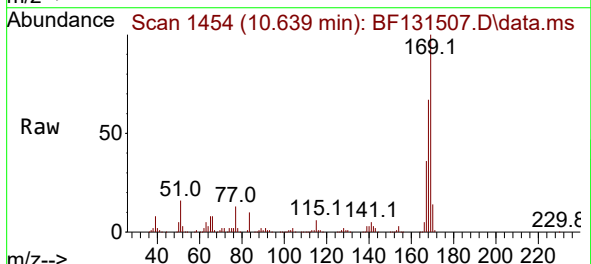
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

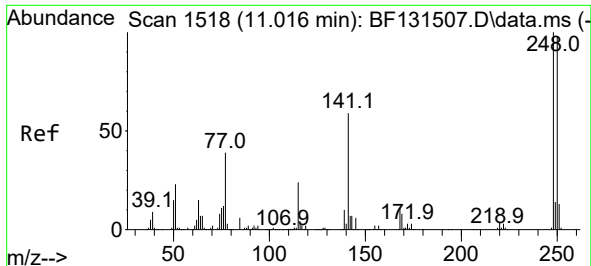
Tgt Ion:198 Resp: 74775  
Ion Ratio Lower Upper  
198 100  
51 39.7 19.7 59.7  
105 41.9 21.9 61.9



#66  
n-Nitrosodiphenylamine  
Concen: 37.542 ng  
RT: 10.639 min Scan# 1454  
Delta R.T. 0.000 min  
Lab File: BF131507.D  
Acq: 05 Dec 2022 18:11

Tgt Ion:169 Resp: 416660  
Ion Ratio Lower Upper  
169 100  
168 67.1 53.7 80.5  
167 35.5 28.4 42.6

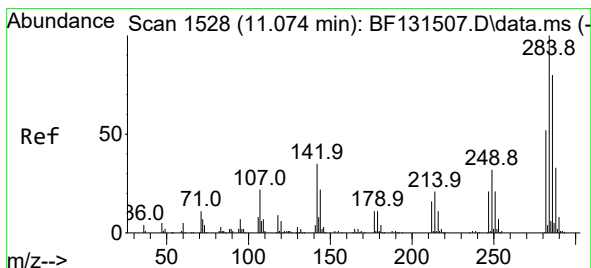
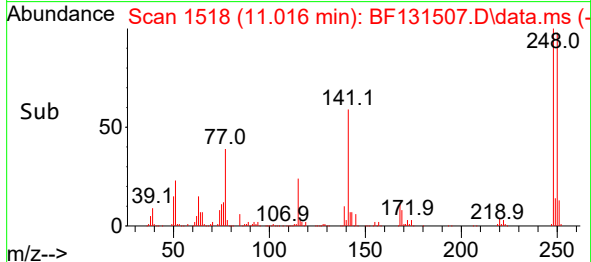
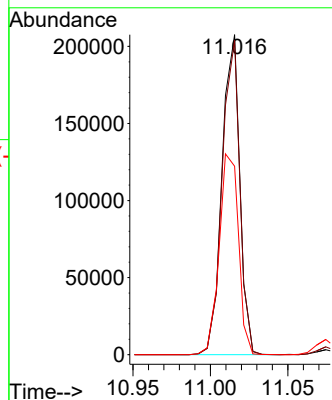
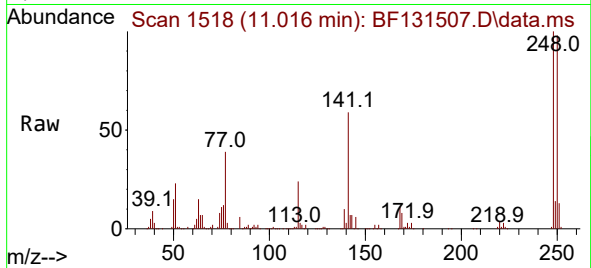




#67  
4-Bromophenyl-phenylether  
Concen: 38.809 ng  
RT: 11.016 min Scan# 1518  
Delta R.T. 0.000 min  
Lab File: BF131507.D  
Acq: 05 Dec 2022 18:11

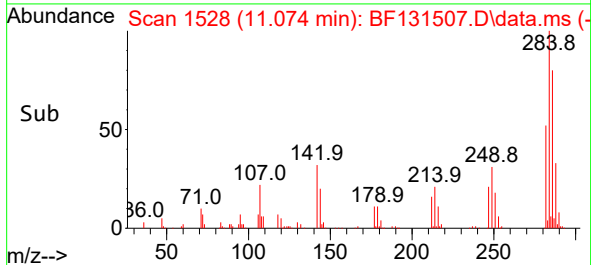
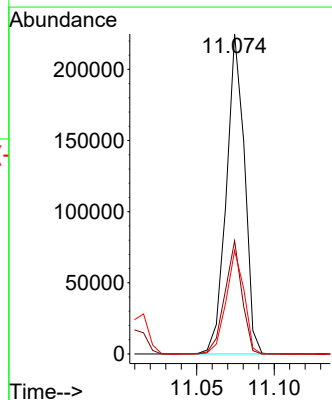
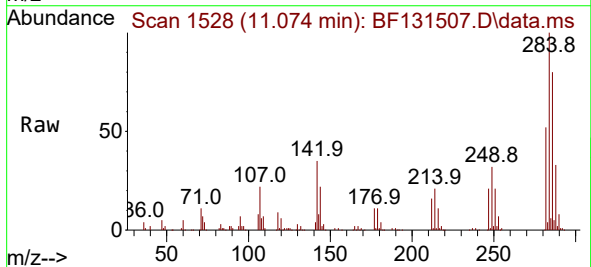
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

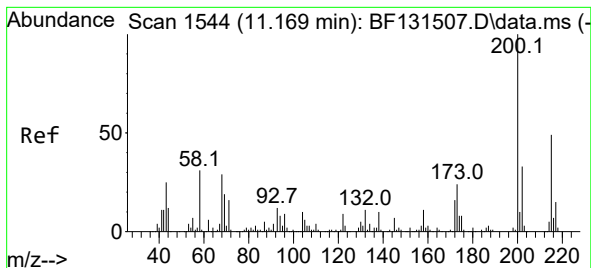
Tgt Ion:248 Resp: 165671  
Ion Ratio Lower Upper  
248 100  
250 98.2 78.6 117.8  
141 58.9 47.1 70.7



#68  
Hexachlorobenzene  
Concen: 40.332 ng  
RT: 11.074 min Scan# 1528  
Delta R.T. 0.000 min  
Lab File: BF131507.D  
Acq: 05 Dec 2022 18:11

Tgt Ion:284 Resp: 182731  
Ion Ratio Lower Upper  
284 100  
142 35.3 28.2 42.4  
249 32.3 25.8 38.8





#69

Atrazine

Concen: 37.338 ng

RT: 11.169 min Scan# 1544

Delta R.T. 0.000 min

Lab File: BF131507.D

Acq: 05 Dec 2022 18:11

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

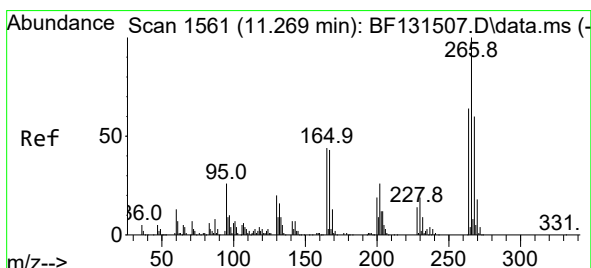
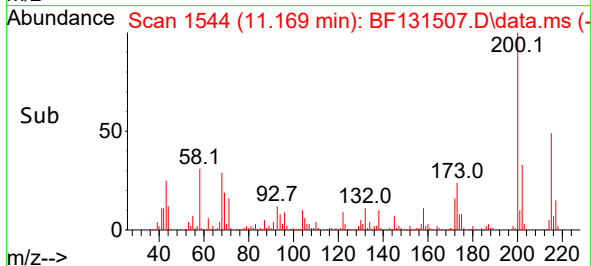
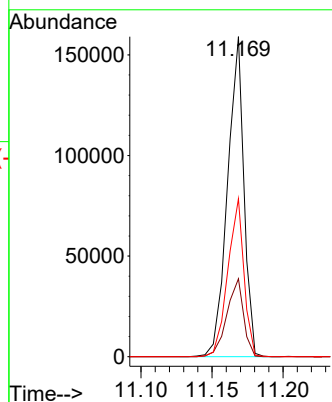
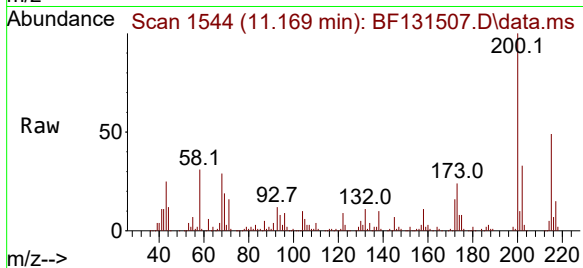
Tgt Ion:200 Resp: 127586

Ion Ratio Lower Upper

200 100

173 24.4 4.4 44.4

215 49.3 29.3 69.3



#70

Pentachlorophenol

Concen: 42.631 ng

RT: 11.269 min Scan# 1561

Delta R.T. 0.000 min

Lab File: BF131507.D

Acq: 05 Dec 2022 18:11

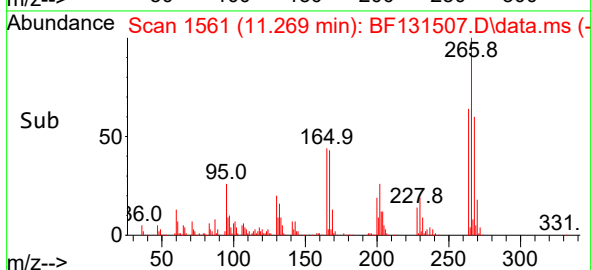
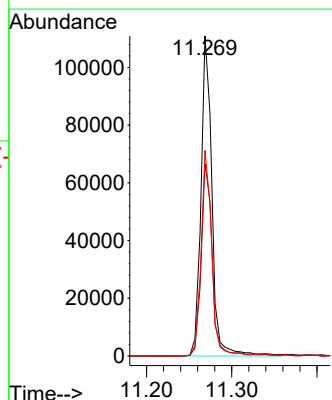
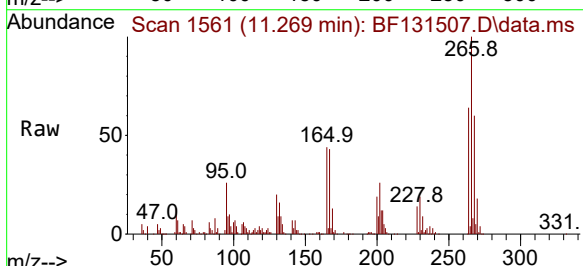
Tgt Ion:266 Resp: 99096

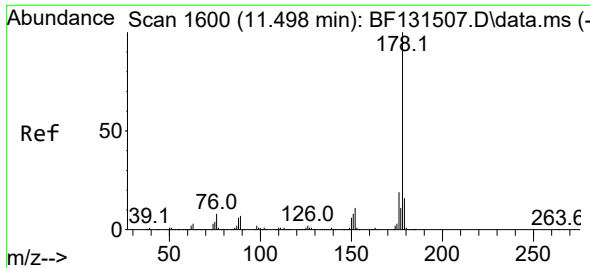
Ion Ratio Lower Upper

266 100

268 60.0 48.0 72.0

264 64.2 51.4 77.0

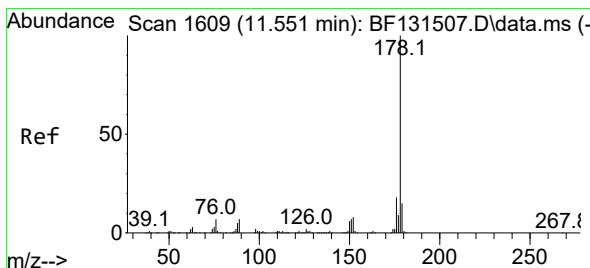
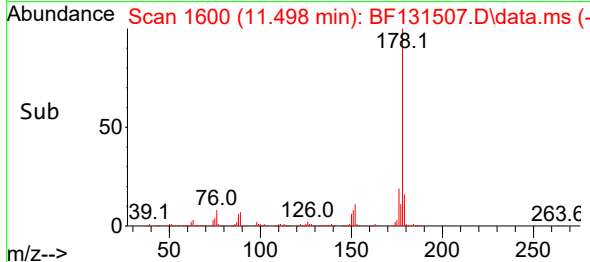
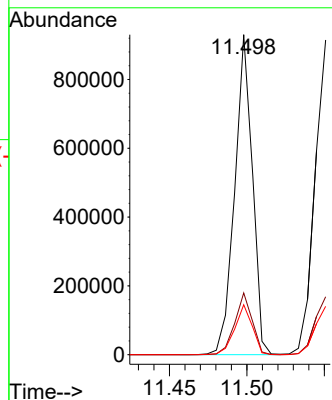
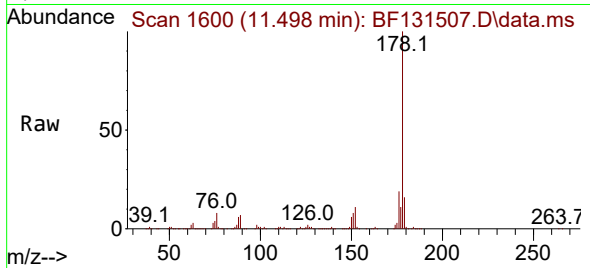




#71  
Phenanthrene  
Concen: 39.222 ng  
RT: 11.498 min Scan# 1600  
Delta R.T. 0.000 min  
Lab File: BF131507.D  
Acq: 05 Dec 2022 18:11

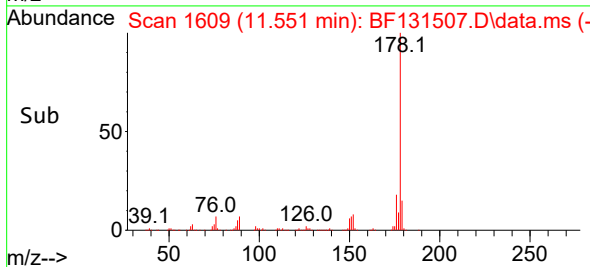
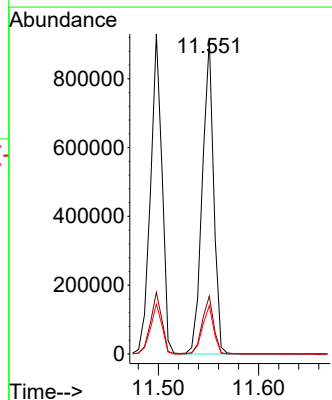
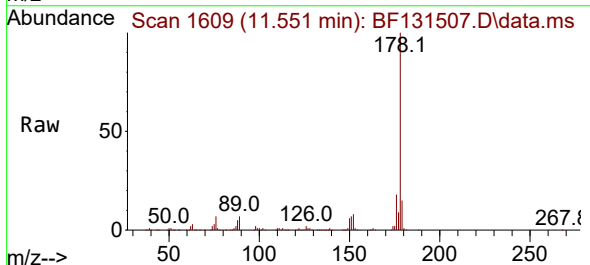
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ClientSampleId :  
SSTDICCC040

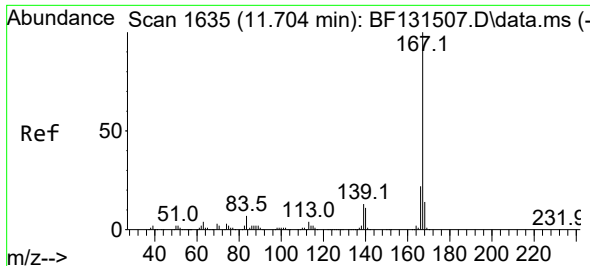
Tgt Ion:178 Resp: 738275  
Ion Ratio Lower Upper  
178 100  
176 19.3 15.4 23.2  
179 15.6 12.5 18.7



#72  
Anthracene  
Concen: 39.049 ng  
RT: 11.551 min Scan# 1609  
Delta R.T. 0.000 min  
Lab File: BF131507.D  
Acq: 05 Dec 2022 18:11

Tgt Ion:178 Resp: 722361  
Ion Ratio Lower Upper  
178 100  
176 18.4 14.7 22.1  
179 15.4 12.3 18.5

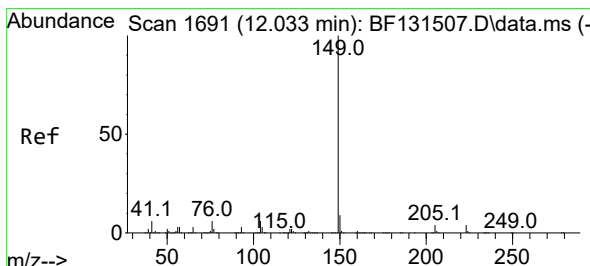
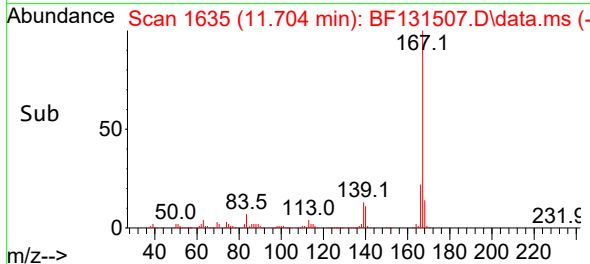
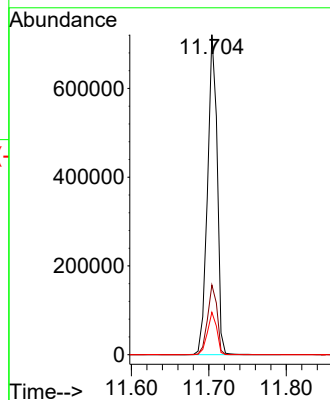
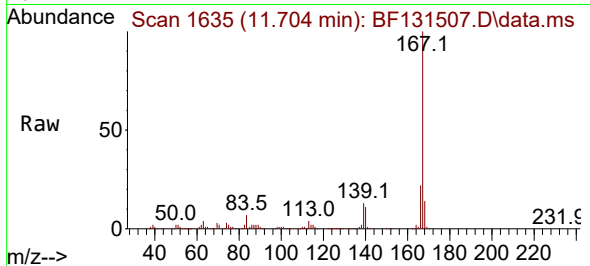




#73  
 Carbazole  
 Concen: 39.465 ng  
 RT: 11.704 min Scan# 1635  
 Delta R.T. 0.000 min  
 Lab File: BF131507.D  
 Acq: 05 Dec 2022 18:11

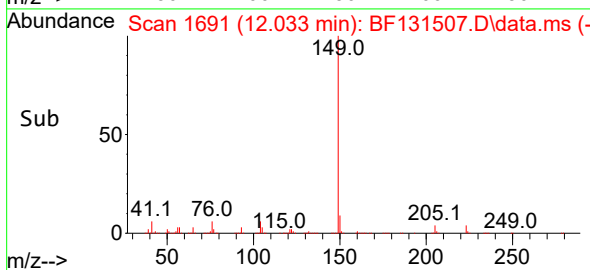
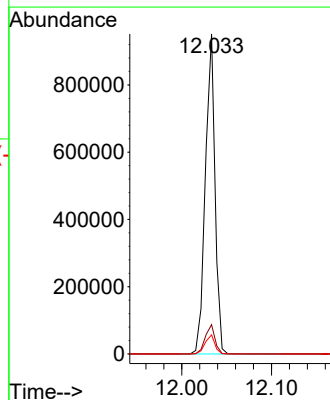
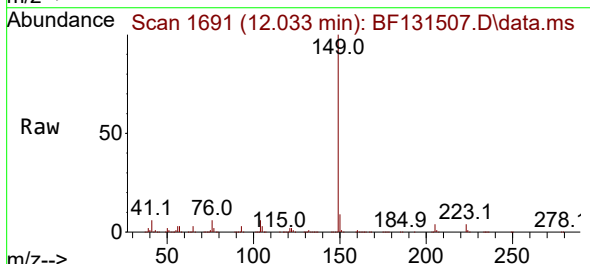
Instrument :  
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 ClientSampleId :  
 SSTDICCC040

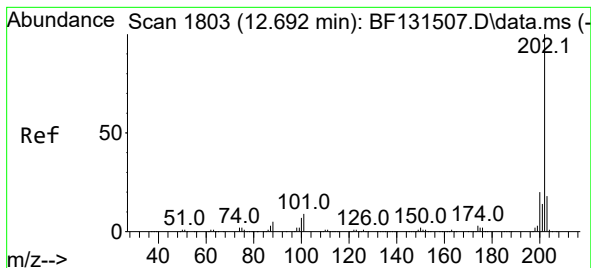
Tgt Ion:167 Resp: 622752  
 Ion Ratio Lower Upper  
 167 100  
 166 21.8 17.4 26.2  
 139 13.2 10.6 15.8



#74  
 Di-n-butylphthalate  
 Concen: 38.169 ng  
 RT: 12.033 min Scan# 1691  
 Delta R.T. 0.000 min  
 Lab File: BF131507.D  
 Acq: 05 Dec 2022 18:11

Tgt Ion:149 Resp: 709712  
 Ion Ratio Lower Upper  
 149 100  
 150 9.2 7.4 11.0  
 104 5.9 4.7 7.1





#75

Fluoranthene

Concen: 41.539 ng

RT: 12.692 min Scan# 1803

Delta R.T. 0.000 min

Lab File: BF131507.D

Acq: 05 Dec 2022 18:11

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

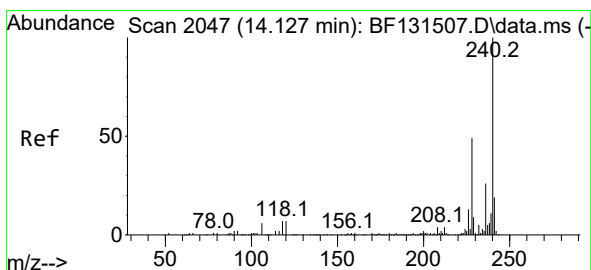
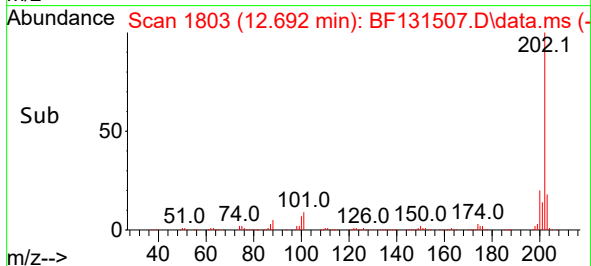
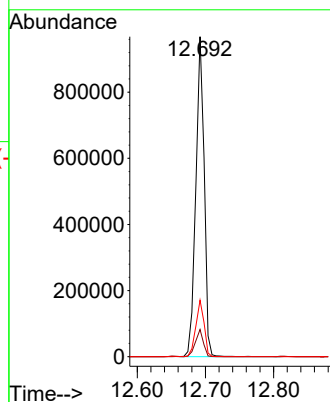
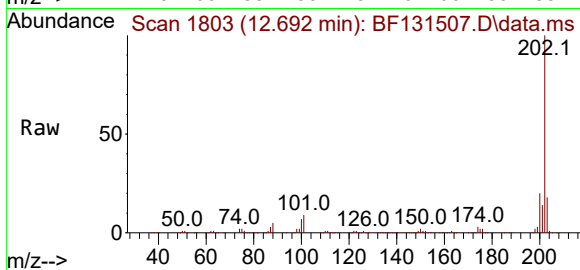
Tgt Ion:202 Resp: 823908

Ion Ratio Lower Upper

202 100

101 8.5 0.0 28.5

203 17.6 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.127 min Scan# 2047

Delta R.T. 0.000 min

Lab File: BF131507.D

Acq: 05 Dec 2022 18:11

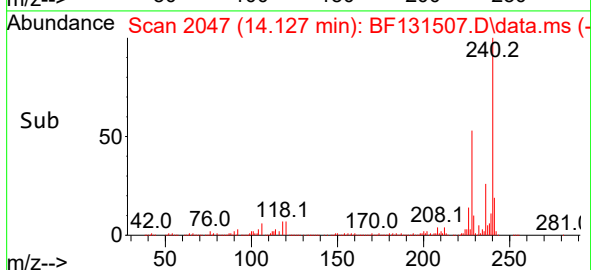
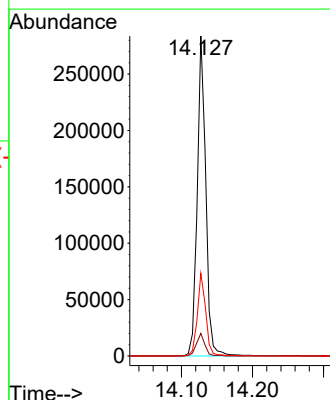
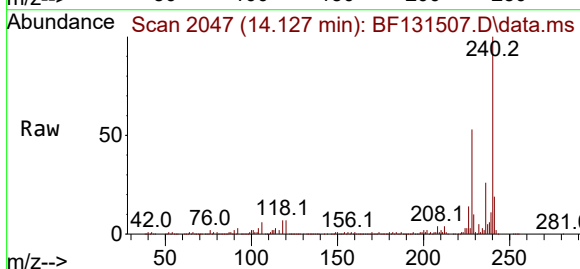
Tgt Ion:240 Resp: 238662

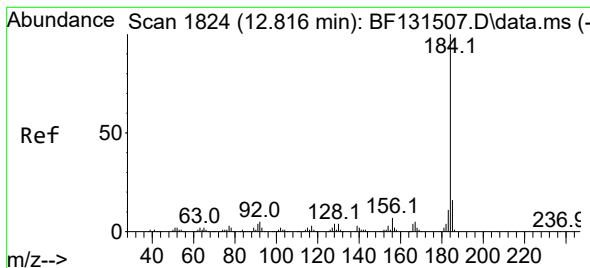
Ion Ratio Lower Upper

240 100

120 7.0 5.6 8.4

236 25.8 20.6 31.0





#77

Benzidine

Concen: 30.571 ng

RT: 12.816 min Scan# 1824

Delta R.T. 0.000 min

Lab File: BF131507.D

Acq: 05 Dec 2022 18:11

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

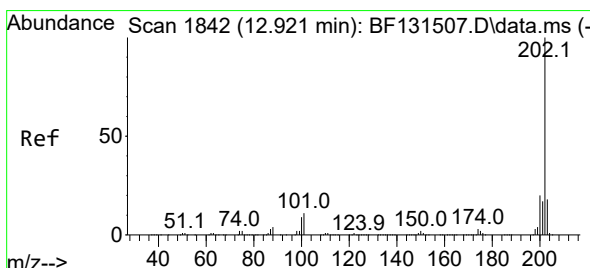
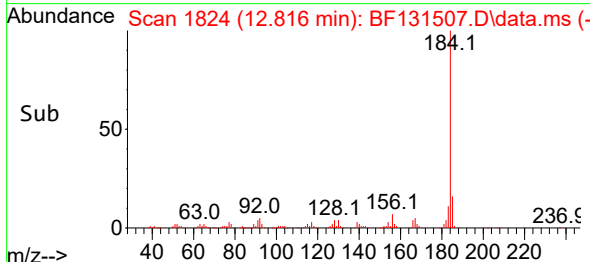
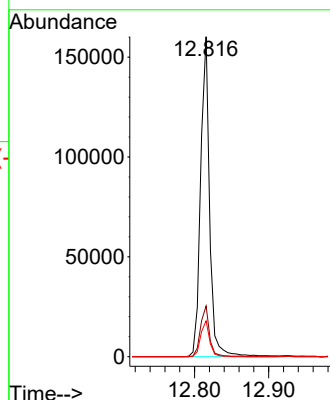
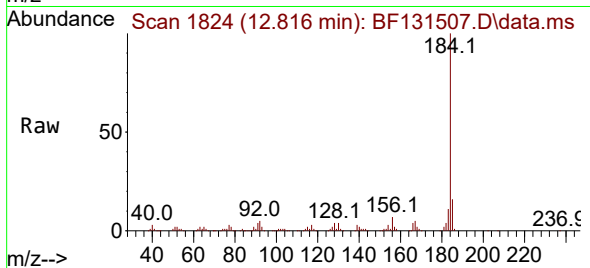
Tgt Ion:184 Resp: 134767

Ion Ratio Lower Upper

184 100

185 15.8 12.6 19.0

183 11.2 9.0 13.4



#78

Pyrene

Concen: 39.050 ng

RT: 12.921 min Scan# 1842

Delta R.T. 0.000 min

Lab File: BF131507.D

Acq: 05 Dec 2022 18:11

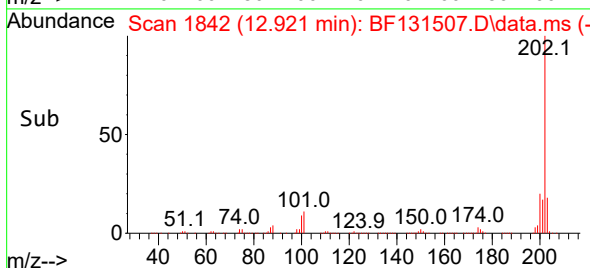
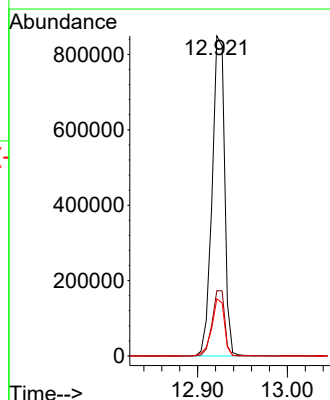
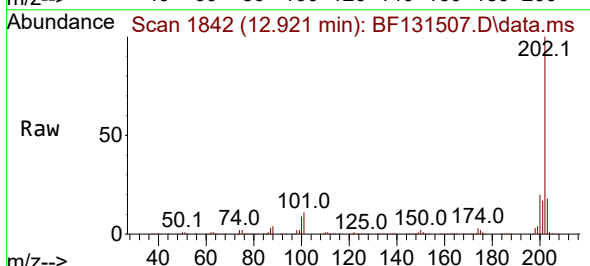
Tgt Ion:202 Resp: 822279

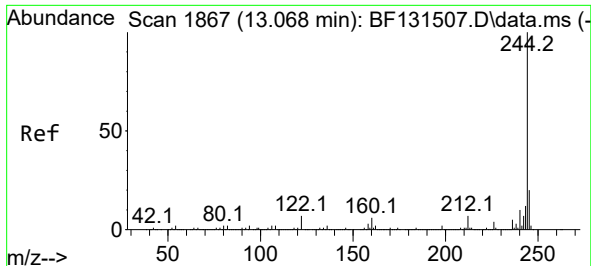
Ion Ratio Lower Upper

202 100

200 20.4 16.3 24.5

203 17.8 14.2 21.4

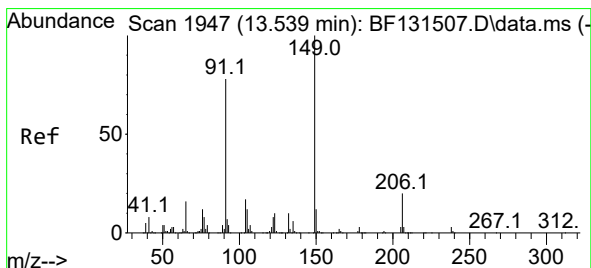
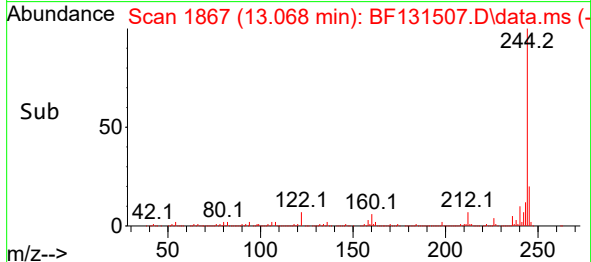
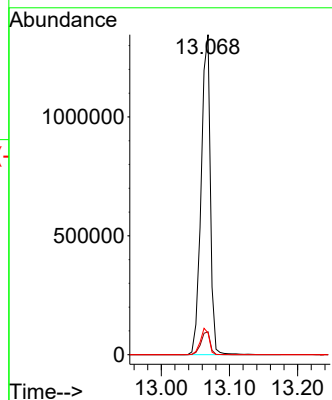
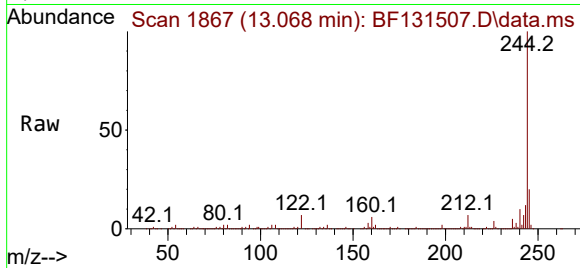




#79  
 Terphenyl-d14  
 Concen: 86.119 ng  
 RT: 13.068 min Scan# 1867  
 Delta R.T. 0.000 min  
 Lab File: BF131507.D  
 Acq: 05 Dec 2022 18:11

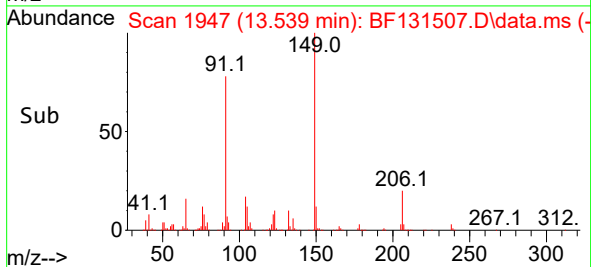
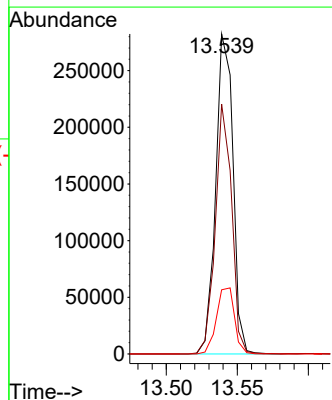
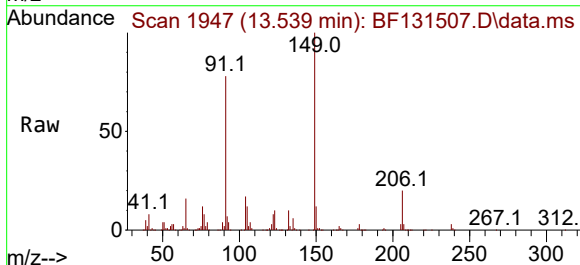
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICCC040

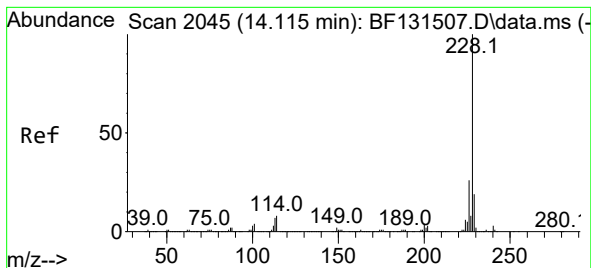
Tgt Ion:244 Resp: 1256886  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 5.7 8.5  
 122 6.8 5.4 8.2



#80  
 Butylbenzylphthalate  
 Concen: 39.202 ng  
 RT: 13.539 min Scan# 1947  
 Delta R.T. 0.000 min  
 Lab File: BF131507.D  
 Acq: 05 Dec 2022 18:11

Tgt Ion:149 Resp: 237851  
 Ion Ratio Lower Upper  
 149 100  
 91 78.1 62.5 93.7  
 206 20.1 16.1 24.1





#81

Benzo(a)anthracene

Concen: 38.828 ng

RT: 14.115 min Scan# 2045

Delta R.T. 0.000 min

Lab File: BF131507.D

Acq: 05 Dec 2022 18:11

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

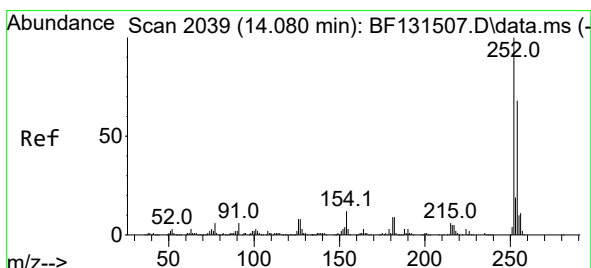
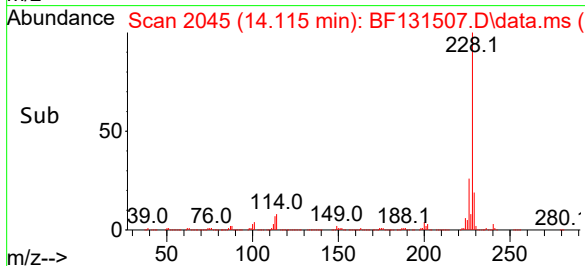
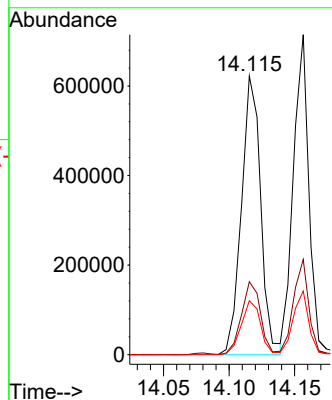
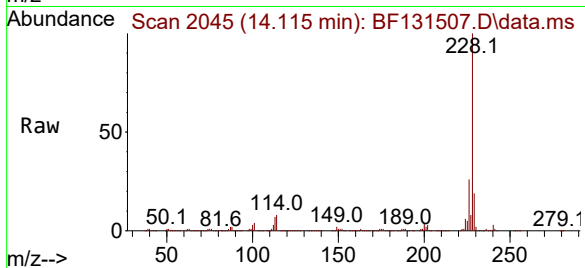
Tgt Ion:228 Resp: 635198

Ion Ratio Lower Upper

228 100

226 26.2 21.0 31.4

229 19.4 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 39.241 ng

RT: 14.080 min Scan# 2039

Delta R.T. 0.000 min

Lab File: BF131507.D

Acq: 05 Dec 2022 18:11

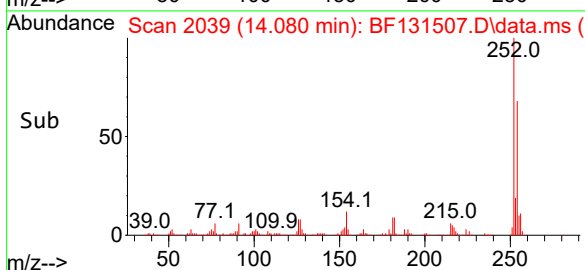
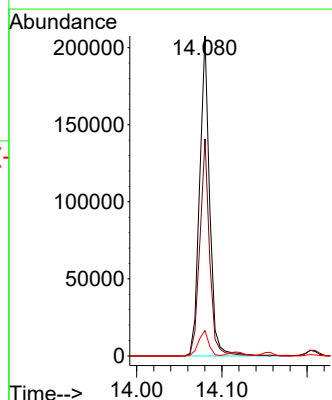
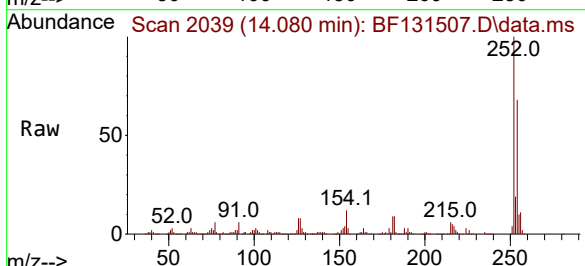
Tgt Ion:252 Resp: 170346

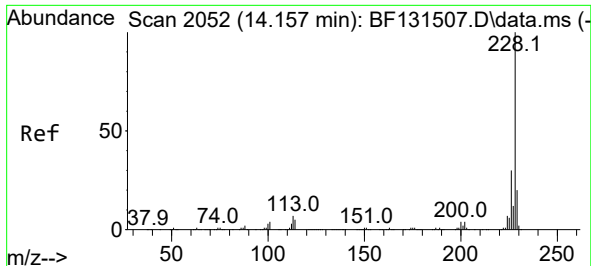
Ion Ratio Lower Upper

252 100

254 67.9 54.3 81.5

126 7.9 6.3 9.5

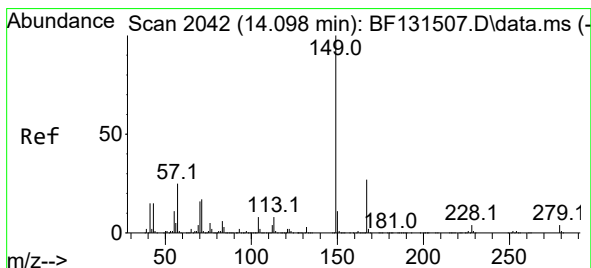
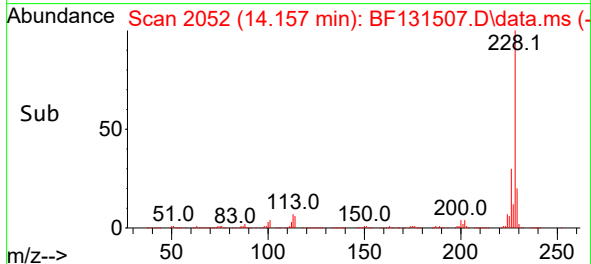
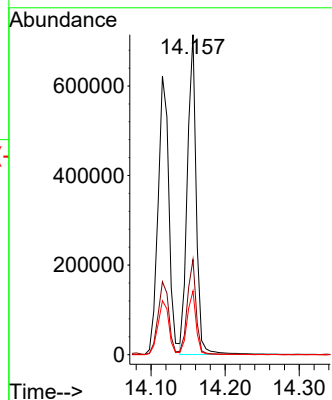
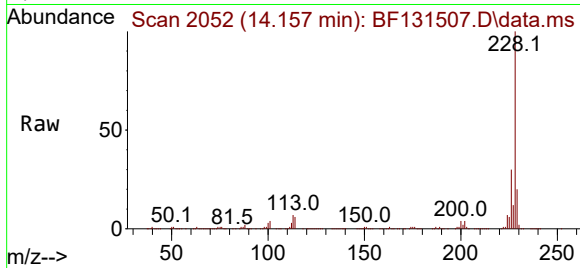




#83  
Chrysene  
Concen: 37.364 ng  
RT: 14.157 min Scan# 2052  
Delta R.T. 0.000 min  
Lab File: BF131507.D  
Acq: 05 Dec 2022 18:11

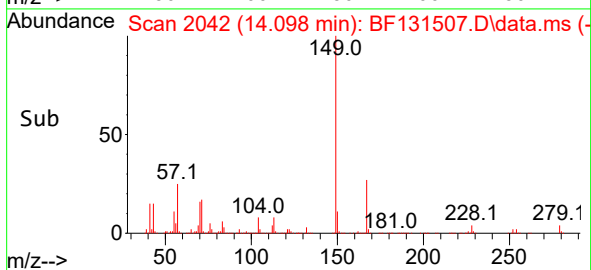
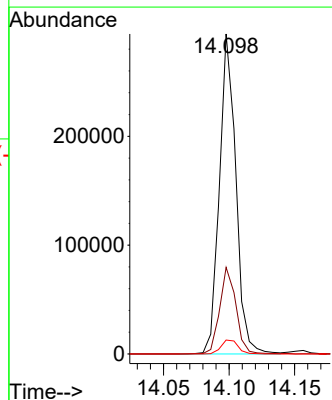
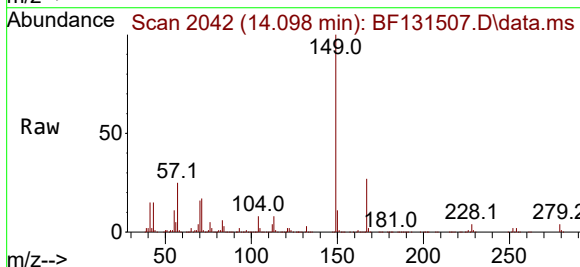
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

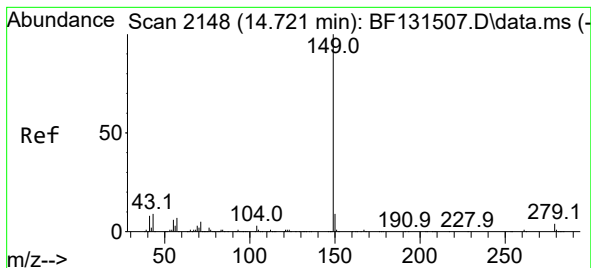
Tgt Ion:228 Resp: 599691  
Ion Ratio Lower Upper  
228 100  
226 29.8 23.8 35.8  
229 19.9 15.9 23.9



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 31.257 ng  
RT: 14.098 min Scan# 2042  
Delta R.T. 0.000 min  
Lab File: BF131507.D  
Acq: 05 Dec 2022 18:11

Tgt Ion:149 Resp: 255954  
Ion Ratio Lower Upper  
149 100  
167 27.1 21.7 32.5  
279 4.4 3.5 5.3

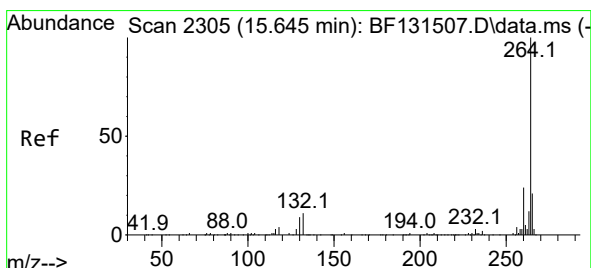
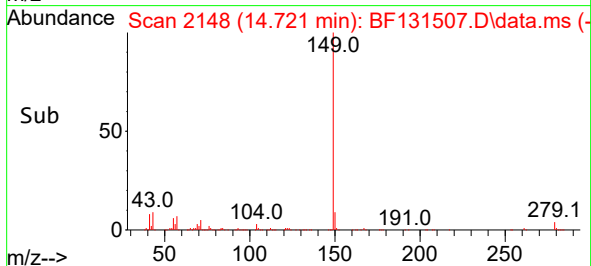
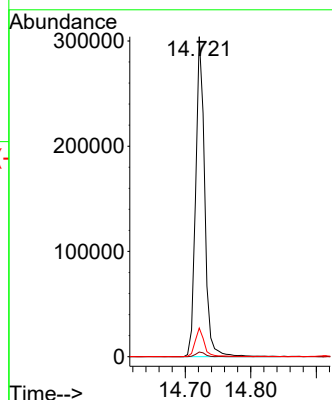
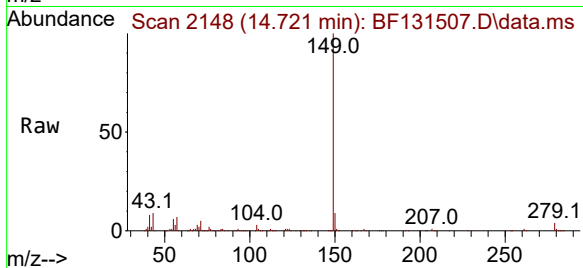




#85  
Di-n-octyl phthalate  
Concen: 23.559 ng  
RT: 14.721 min Scan# 2148  
Delta R.T. 0.000 min  
Lab File: BF131507.D  
Acq: 05 Dec 2022 18:11

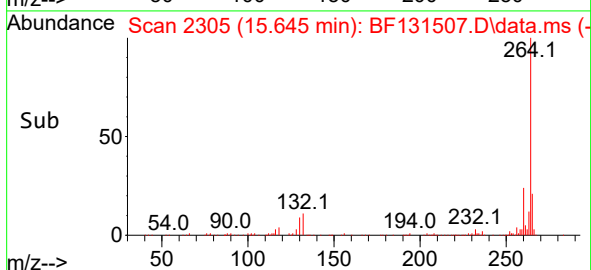
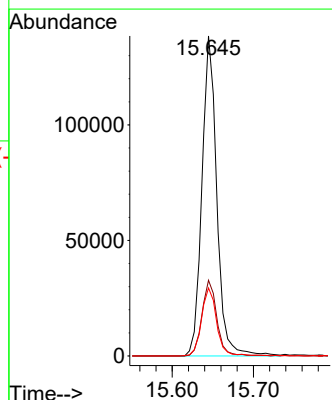
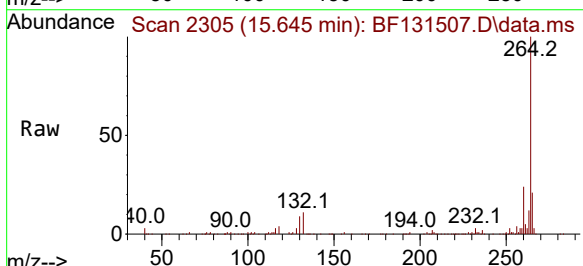
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

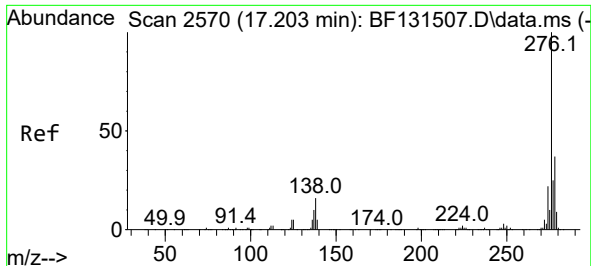
Tgt Ion:149 Resp: 290916  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.2 1.8  
43 9.2 7.4 11.0



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.645 min Scan# 2305  
Delta R.T. 0.000 min  
Lab File: BF131507.D  
Acq: 05 Dec 2022 18:11

Tgt Ion:264 Resp: 176231  
Ion Ratio Lower Upper  
264 100  
260 23.7 19.0 28.4  
265 21.2 17.0 25.4

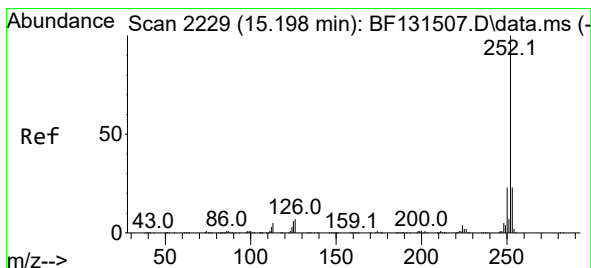
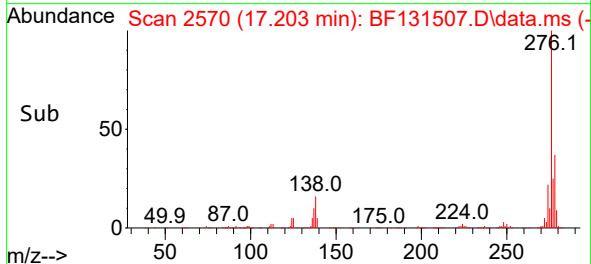
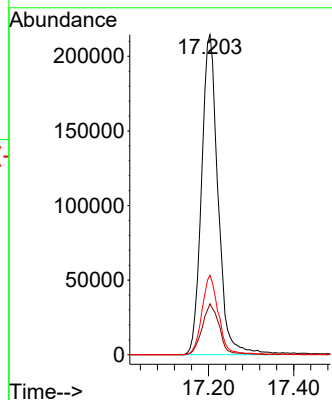
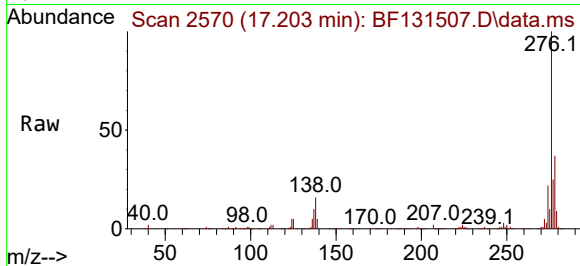




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 48.757 ng  
 RT: 17.203 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BF131507.D  
 Acq: 05 Dec 2022 18:11

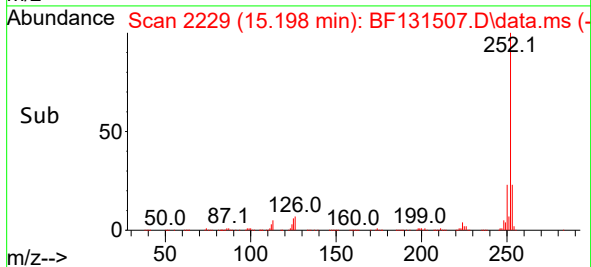
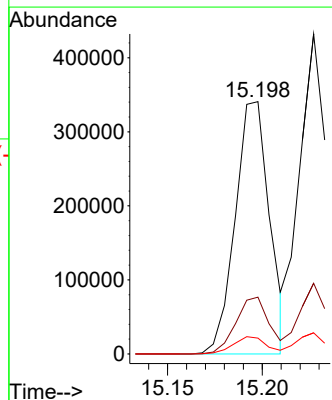
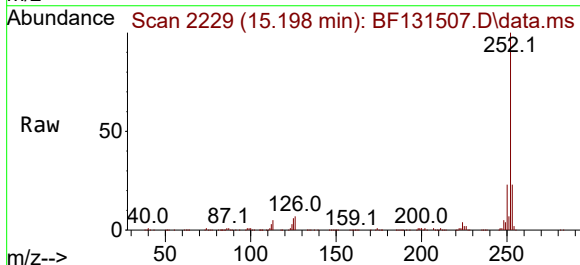
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 ClientSampleId :  
 SSTDICCC040

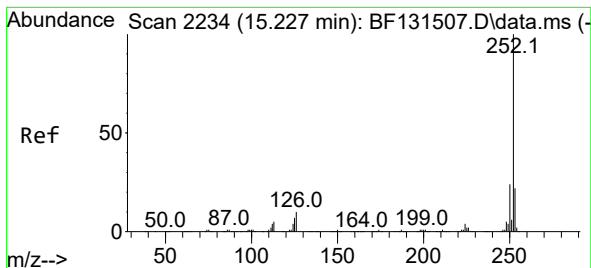
Tgt Ion:276 Resp: 577104  
 Ion Ratio Lower Upper  
 276 100  
 138 16.5 13.2 19.8  
 277 24.5 19.6 29.4



#88  
 Benzo(b)fluoranthene  
 Concen: 36.661 ng  
 RT: 15.198 min Scan# 2229  
 Delta R.T. 0.000 min  
 Lab File: BF131507.D  
 Acq: 05 Dec 2022 18:11

Tgt Ion:252 Resp: 429205  
 Ion Ratio Lower Upper  
 252 100  
 253 22.5 18.0 27.0  
 125 6.3 5.0 7.6





#89

Benzo(k)fluoranthene

Concen: 38.757 ng

RT: 15.227 min Scan# 2234

Delta R.T. 0.000 min

Lab File: BF131507.D

Acq: 05 Dec 2022 18:11

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

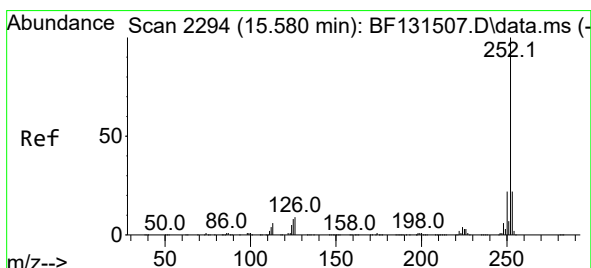
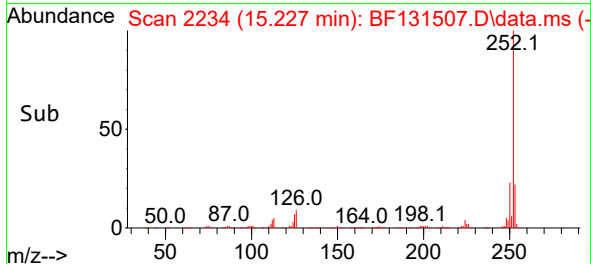
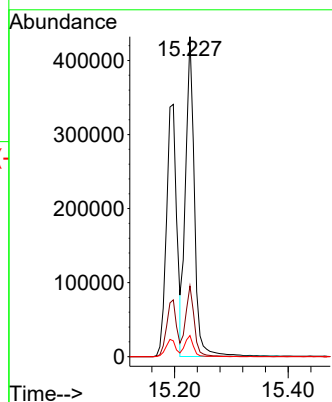
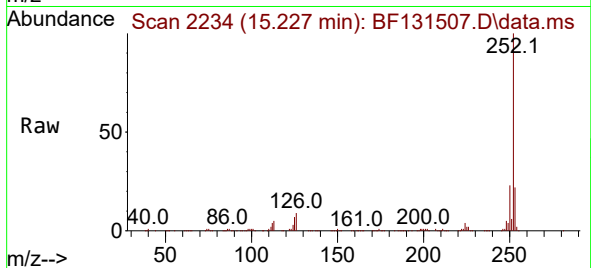
Tgt Ion:252 Resp: 466290

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 6.6 5.3 7.9



#90

Benzo(a)pyrene

Concen: 38.739 ng

RT: 15.580 min Scan# 2294

Delta R.T. 0.000 min

Lab File: BF131507.D

Acq: 05 Dec 2022 18:11

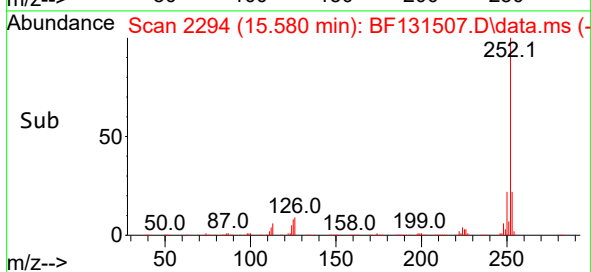
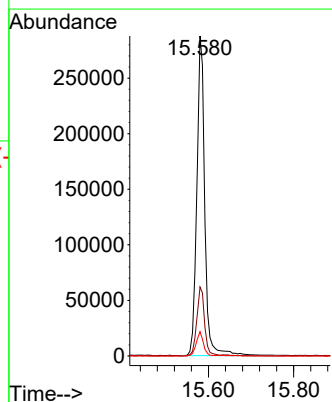
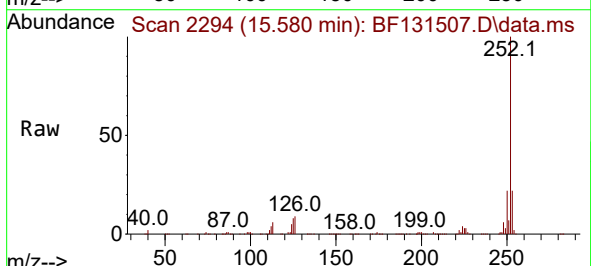
Tgt Ion:252 Resp: 372138

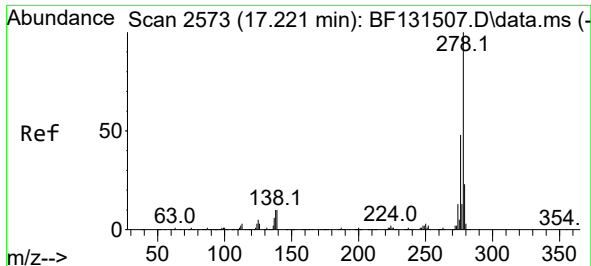
Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

125 7.6 6.1 9.1

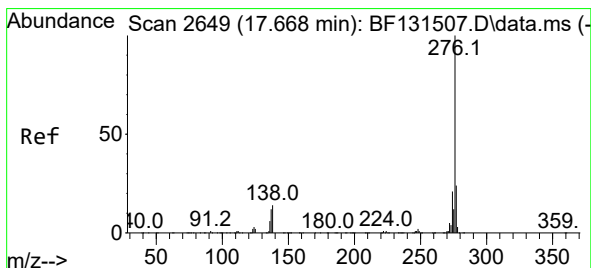
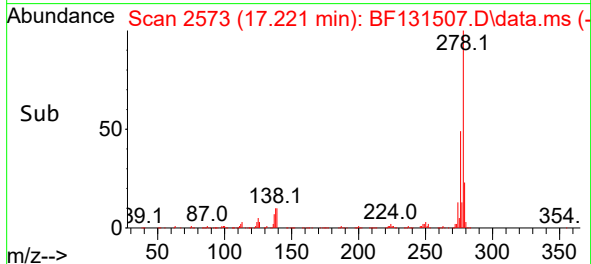
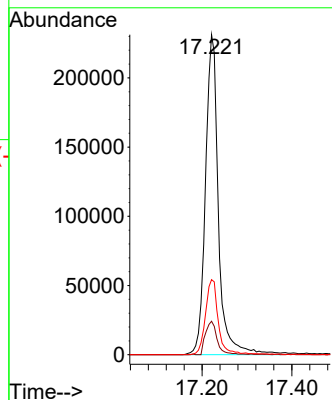
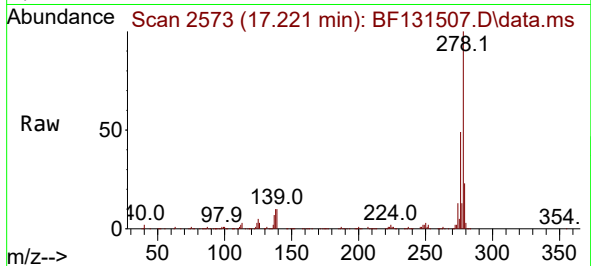




#91  
Dibenzo(a,h)anthracene  
Concen: 47.360 ng  
RT: 17.221 min Scan# 2573  
Delta R.T. 0.000 min  
Lab File: BF131507.D  
Acq: 05 Dec 2022 18:11

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

Tgt Ion:278 Resp: 462813  
Ion Ratio Lower Upper  
278 100  
139 10.5 8.4 12.6  
279 23.5 18.8 28.2



#92  
Benzo(g,h,i)perylene  
Concen: 49.613 ng  
RT: 17.668 min Scan# 2649  
Delta R.T. 0.000 min  
Lab File: BF131507.D  
Acq: 05 Dec 2022 18:11

Tgt Ion:276 Resp: 483897  
Ion Ratio Lower Upper  
276 100  
277 23.7 19.0 28.4  
138 14.6 11.7 17.5

