

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091324\  
 Data File : BF139349.D  
 Acq On : 13 Sep 2024 16:53  
 Operator : RC/JU  
 Sample : SSTDICCC040  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICCC040

Quant Time: Sep 14 02:16:16 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091324.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Sep 14 02:10:24 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.881  | 152  | 52723    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.163  | 136  | 182509   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.916  | 164  | 98703    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.398 | 188  | 194097   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.033 | 240  | 109489   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.498 | 264  | 106513   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.493  | 112  | 256515   | 81.391  | ng    | 0.00     |
| 7) Phenol-d6                  | 6.504  | 99   | 337081   | 80.116  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.445  | 82   | 321670   | 91.690  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.698 | 330  | 90543    | 106.232 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.234  | 172  | 588478   | 92.034  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.980 | 244  | 590790   | 87.121  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.658  | 88   | 52091    | 35.492  | ng    | 100      |
| 3) Pyridine                   | 3.410  | 79   | 115745   | 32.671  | ng    | 100      |
| 4) n-Nitrosodimethylamine     | 3.369  | 42   | 99237    | 43.135  | ng    | 100      |
| 6) Aniline                    | 6.546  | 93   | 59238    | 15.311  | ng    | 98       |
| 8) 2-Chlorophenol             | 6.663  | 128  | 130959   | 40.094  | ng    | 100      |
| 9) Benzaldehyde               | 6.428  | 77   | 87815    | 34.480  | ng    | 100      |
| 10) Phenol                    | 6.522  | 94   | 169642   | 38.225  | ng    | 100      |
| 11) bis(2-Chloroethyl)ether   | 6.616  | 93   | 119505   | 37.587  | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 6.822  | 146  | 149106   | 40.331  | ng    | 100      |
| 13) 1,4-Dichlorobenzene       | 6.898  | 146  | 150962   | 40.796  | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 7.051  | 146  | 141725   | 41.065  | ng    | 100      |
| 15) Benzyl Alcohol            | 7.016  | 79   | 135194   | 44.061  | ng    | 100      |
| 16) 2,2'-oxybis(1-Chloropr... | 7.151  | 45   | 196996   | 32.548  | ng    | 100      |
| 17) 2-Methylphenol            | 7.128  | 107  | 104016   | 38.985  | ng    | 100      |
| 18) Hexachloroethane          | 7.393  | 117  | 57283    | 43.342  | ng    | 100      |
| 19) n-Nitroso-di-n-propyla... | 7.293  | 70   | 99024    | 40.865  | ng    | 100      |
| 20) 3+4-Methylphenols         | 7.281  | 107  | 142417   | 42.353  | ng    | 100      |
| 22) Acetophenone              | 7.287  | 105  | 196581   | 45.212  | ng    | 100      |
| 24) Nitrobenzene              | 7.463  | 77   | 165350   | 44.406  | ng    | 100      |
| 25) Isophorone                | 7.698  | 82   | 250157   | 41.707  | ng    | 100      |
| 26) 2-Nitrophenol             | 7.775  | 139  | 66347    | 45.366  | ng    | 100      |
| 27) 2,4-Dimethylphenol        | 7.810  | 122  | 85952    | 41.208  | ng    | 100      |
| 28) bis(2-Chloroethoxy)met... | 7.910  | 93   | 141226   | 39.520  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 8.016  | 162  | 107629   | 43.097  | ng    | 100      |
| 30) 1,2,4-Trichlorobenzene    | 8.098  | 180  | 124438   | 43.628  | ng    | 100      |
| 31) Naphthalene               | 8.181  | 128  | 390544   | 42.255  | ng    | 100      |
| 32) Benzoic acid              | 7.922  | 122  | 80333    | 42.284  | ng    | 100      |
| 33) 4-Chloroaniline           | 8.234  | 127  | 123133   | 38.476  | ng    | 100      |
| 34) Hexachlorobutadiene       | 8.298  | 225  | 84620    | 46.820  | ng    | 100      |
| 35) Caprolactam               | 8.598  | 113  | 34107    | 44.115  | ng    | 100      |
| 36) 4-Chloro-3-methylphenol   | 8.704  | 107  | 124337   | 45.688  | ng    | 100      |
| 37) 2-Methylnaphthalene       | 8.875  | 142  | 248380   | 42.953  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.975  | 142  | 241525   | 42.469  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.034  | 216  | 122103   | 43.724  | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 9.022  | 237  | 45137    | 50.294  | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 9.145  | 196  | 83204    | 45.538  | ng    | 100      |

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 Sample : SSTDICCC040  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

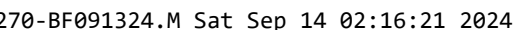
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICCC040

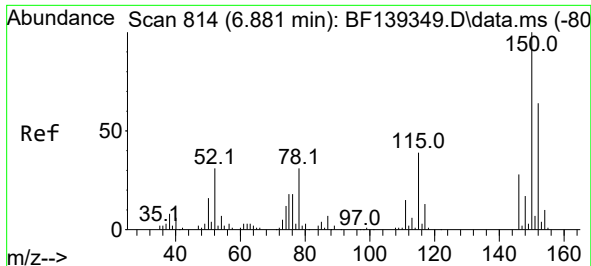
Quant Time: Sep 14 02:16:16 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091324.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Sep 14 02:10:24 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.187  | 196  | 85716    | 44.767 | ng    | 100      |
| 46) 1,1'-Biphenyl             | 9.334  | 154  | 318340   | 43.531 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.363  | 162  | 239859   | 43.438 | ng    | 100      |
| 48) 2-Nitroaniline            | 9.457  | 65   | 89926    | 47.281 | ng    | 100      |
| 49) Acenaphthylene            | 9.775  | 152  | 358182   | 43.067 | ng    | 100      |
| 50) Dimethylphthalate         | 9.634  | 163  | 272789   | 45.599 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.698  | 165  | 61729    | 45.483 | ng    | 100      |
| 52) Acenaphthene              | 9.945  | 154  | 254549   | 46.146 | ng    | 100      |
| 53) 3-Nitroaniline            | 9.863  | 138  | 62889    | 43.492 | ng    | 100      |
| 54) 2,4-Dinitrophenol         | 9.969  | 184  | 35233    | 60.625 | ng    | 100      |
| 55) Dibenzofuran              | 10.116 | 168  | 351419   | 44.435 | ng    | 100      |
| 56) 4-Nitrophenol             | 10.016 | 139  | 52194    | 48.904 | ng    | 100      |
| 57) 2,4-Dinitrotoluene        | 10.098 | 165  | 85730    | 49.629 | ng    | 100      |
| 58) Fluorene                  | 10.463 | 166  | 290609   | 47.395 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.234 | 232  | 70914    | 47.051 | ng    | 100      |
| 60) Diethylphthalate          | 10.334 | 149  | 284254   | 48.283 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.451 | 204  | 139089   | 47.037 | ng    | 100      |
| 62) 4-Nitroaniline            | 10.481 | 138  | 68663    | 49.885 | ng    | 100      |
| 63) Azobenzene                | 10.610 | 77   | 280849   | 45.262 | ng    | 100      |
| 65) 4,6-Dinitro-2-methylph... | 10.504 | 198  | 45281    | 50.489 | ng    | 100      |
| 66) n-Nitrosodiphenylamine    | 10.569 | 169  | 233278   | 41.289 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.945 | 248  | 80176    | 42.574 | ng    | 100      |
| 68) Hexachlorobenzene         | 11.004 | 284  | 94276    | 43.730 | ng    | 100      |
| 69) Atrazine                  | 11.092 | 200  | 47081    | 36.119 | ng    | 100      |
| 70) Pentachlorophenol         | 11.198 | 266  | 58297    | 46.813 | ng    | 100      |
| 71) Phenanthrene              | 11.422 | 178  | 389660   | 42.974 | ng    | 100      |
| 72) Anthracene                | 11.475 | 178  | 383110   | 43.252 | ng    | 100      |
| 73) Carbazole                 | 11.628 | 167  | 367107   | 44.344 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.957 | 149  | 417404   | 49.242 | ng    | 100      |
| 75) Fluoranthene              | 12.610 | 202  | 421114   | 46.325 | ng    | 100      |
| 77) Benzidine                 | 12.727 | 184  | 84080    | 38.138 | ng    | 100      |
| 78) Pyrene                    | 12.833 | 202  | 421208   | 39.824 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.451 | 149  | 137311   | 55.148 | ng    | 100      |
| 81) Benzo(a)anthracene        | 14.022 | 228  | 297337   | 42.529 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 13.986 | 252  | 81918    | 44.120 | ng    | 100      |
| 83) Chrysene                  | 14.057 | 228  | 270196   | 41.408 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 14.010 | 149  | 167358   | 57.267 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.621 | 149  | 247331   | 44.204 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 16.968 | 276  | 290402   | 43.643 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 15.069 | 252  | 261127   | 42.570 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 15.098 | 252  | 253691   | 46.126 | ng    | 100      |
| 90) Benzo(a)pyrene            | 15.433 | 252  | 229237   | 44.011 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 16.986 | 278  | 233814   | 42.639 | ng    | 100      |
| 92) Benzo(g,h,i)perylene      | 17.415 | 276  | 235706   | 41.642 | ng    | 100      |

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

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QLast Update : Sat Sep 14 02:10:24 2024  
Response via : Initial Calibration

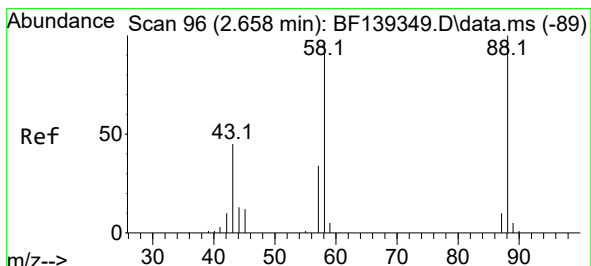
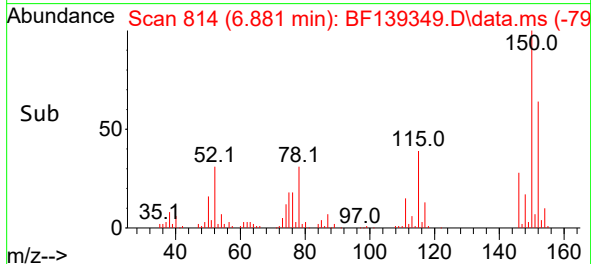
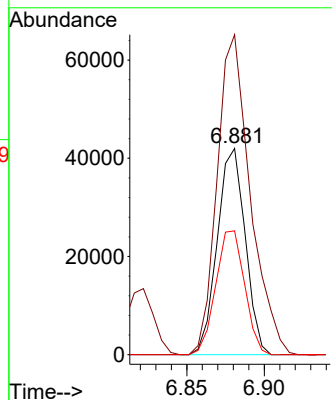
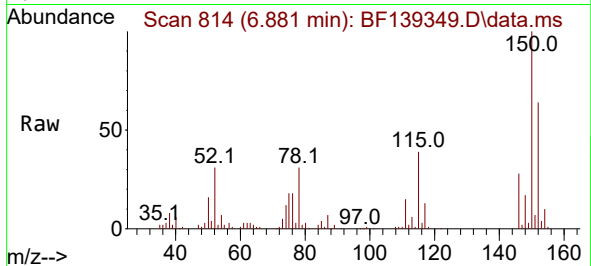




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.881 min Scan# 814  
 Delta R.T. -0.000 min  
 Lab File: BF139349.D  
 Acq: 13 Sep 2024 16:53

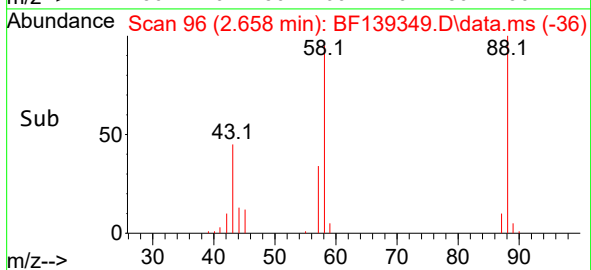
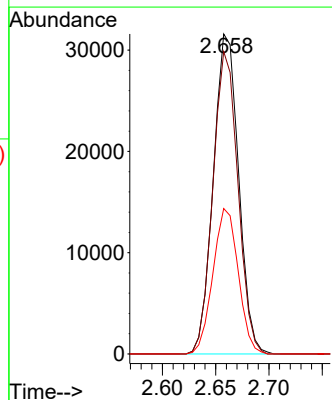
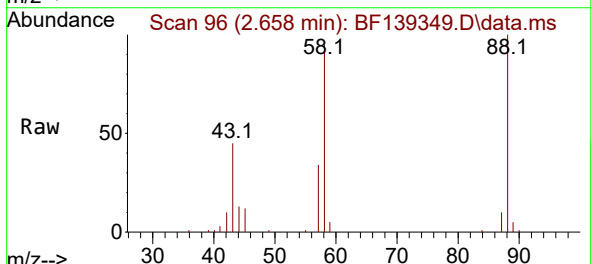
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICCC040

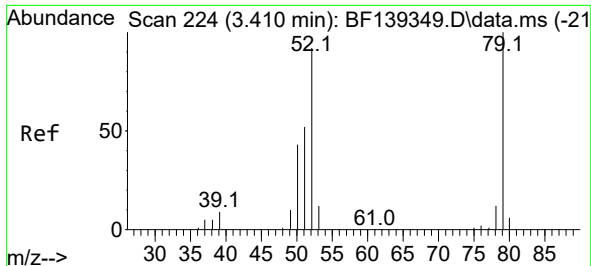
Tgt Ion:152 Resp: 52723  
 Ion Ratio Lower Upper  
 152 100  
 150 155.1 124.1 186.1  
 115 60.1 48.1 72.1



#2  
 1,4-Dioxane  
 Concen: 35.492 ng  
 RT: 2.658 min Scan# 96  
 Delta R.T. 0.000 min  
 Lab File: BF139349.D  
 Acq: 13 Sep 2024 16:53

Tgt Ion: 88 Resp: 52091  
 Ion Ratio Lower Upper  
 88 100  
 58 93.5 74.8 112.2  
 43 45.5 36.4 54.6





#3

Pyridine

Concen: 32.671 ng

RT: 3.410 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

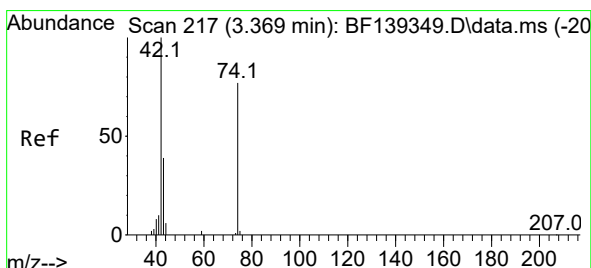
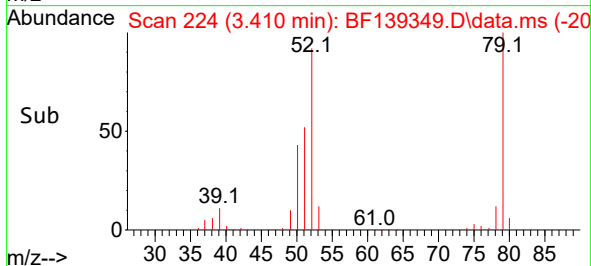
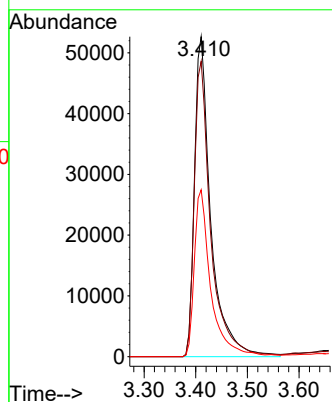
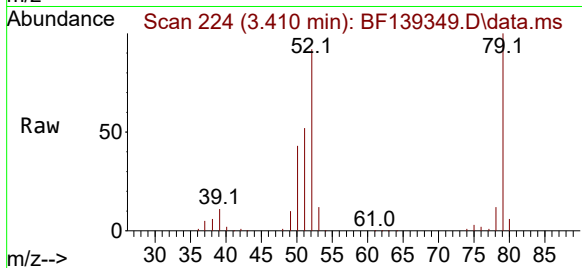
Tgt Ion: 79 Resp: 115745

Ion Ratio Lower Upper

79 100

52 92.3 73.8 110.8

51 52.2 41.8 62.6



#4

n-Nitrosodimethylamine

Concen: 43.135 ng

RT: 3.369 min Scan# 217

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

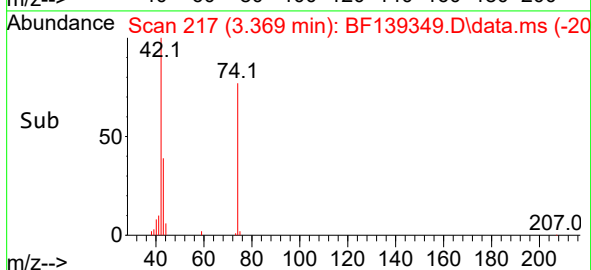
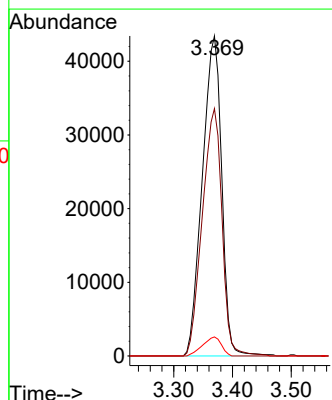
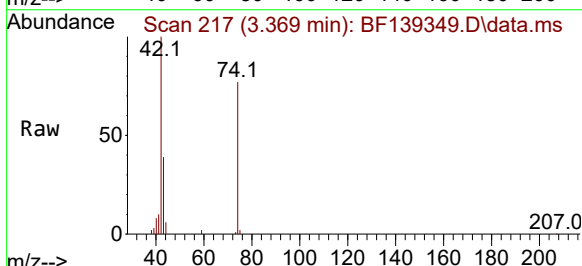
Tgt Ion: 42 Resp: 99237

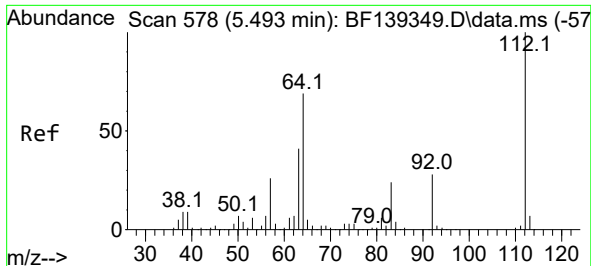
Ion Ratio Lower Upper

42 100

74 77.3 61.8 92.8

44 6.0 4.8 7.2

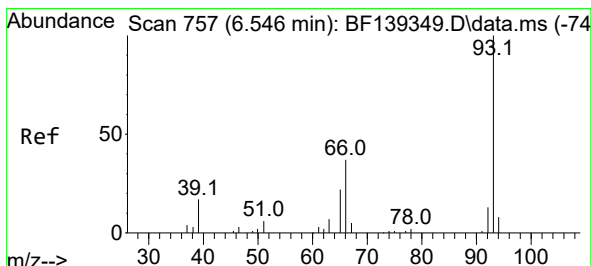
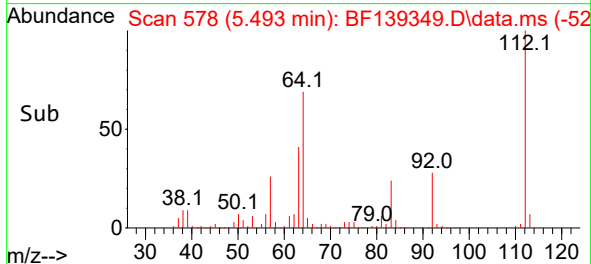
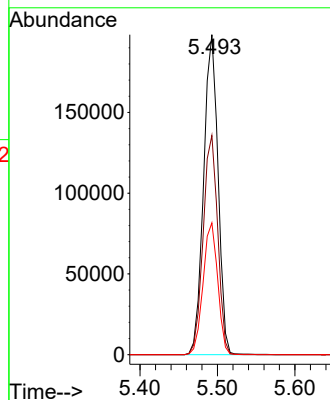
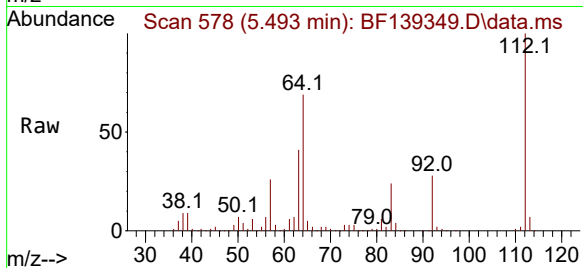




#5  
2-Fluorophenol  
Concen: 81.391 ng  
RT: 5.493 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: BF139349.D  
Acq: 13 Sep 2024 16:53

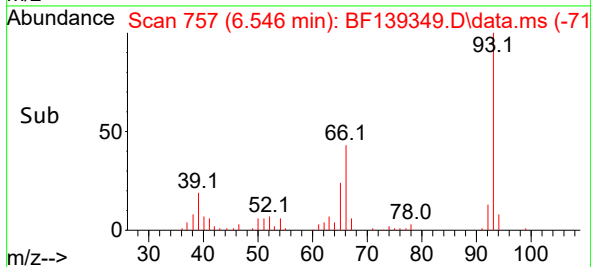
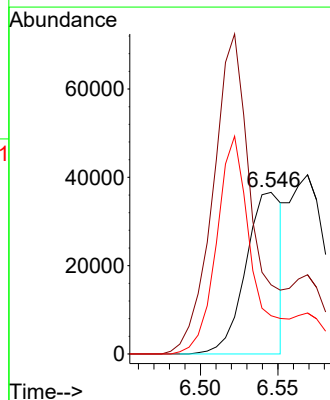
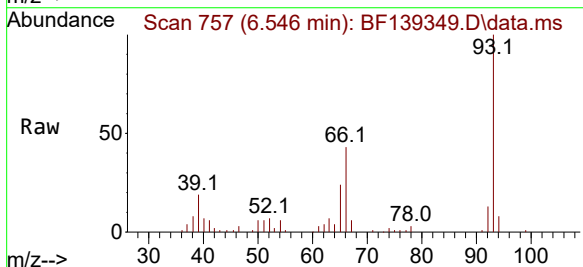
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

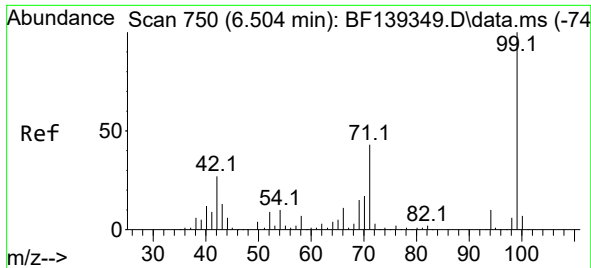
Tgt Ion:112 Resp: 256515  
Ion Ratio Lower Upper  
112 100  
64 68.5 54.8 82.2  
63 41.2 33.0 49.4



#6  
Aniline  
Concen: 15.311 ng  
RT: 6.546 min Scan# 757  
Delta R.T. -0.024 min  
Lab File: BF139349.D  
Acq: 13 Sep 2024 16:53

Tgt Ion: 93 Resp: 59238  
Ion Ratio Lower Upper  
93 100  
66 42.8 35.4 53.0  
65 23.7 18.2 27.4





#7

Phenol-d6

Concen: 80.116 ng

RT: 6.504 min Scan# 750

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

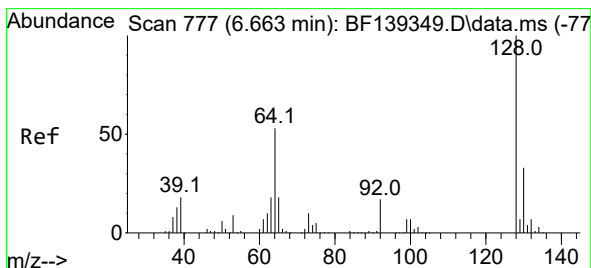
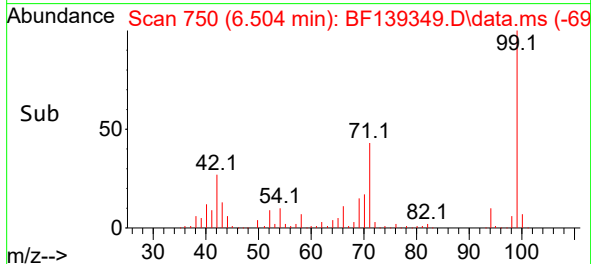
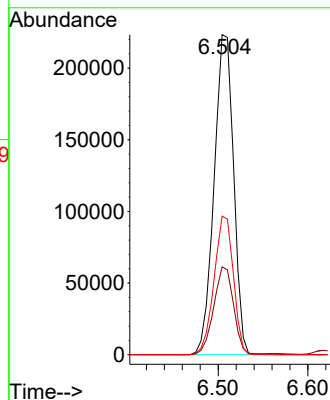
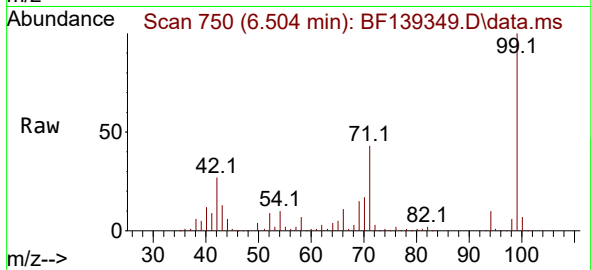
Tgt Ion: 99 Resp: 337081

Ion Ratio Lower Upper

99 100

42 27.4 21.9 32.9

71 43.3 34.6 52.0



#8

2-Chlorophenol

Concen: 40.094 ng

RT: 6.663 min Scan# 777

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

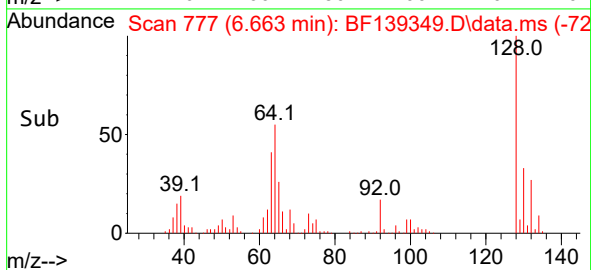
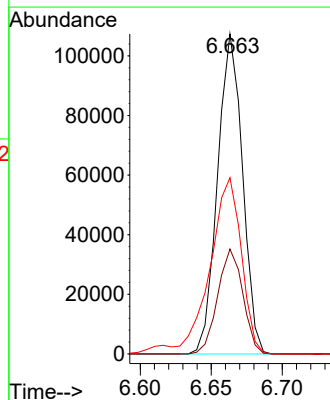
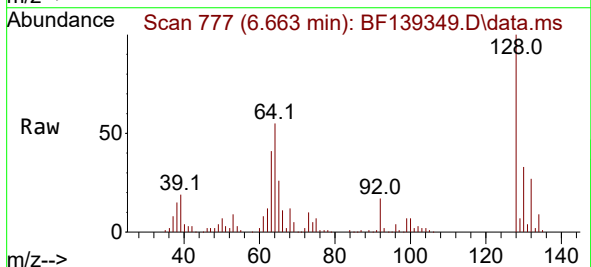
Tgt Ion:128 Resp: 130959

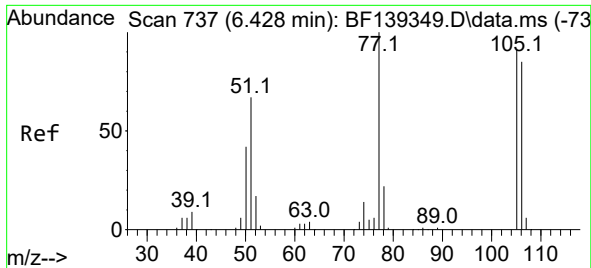
Ion Ratio Lower Upper

128 100

130 32.8 12.8 52.8

64 55.1 35.1 75.1

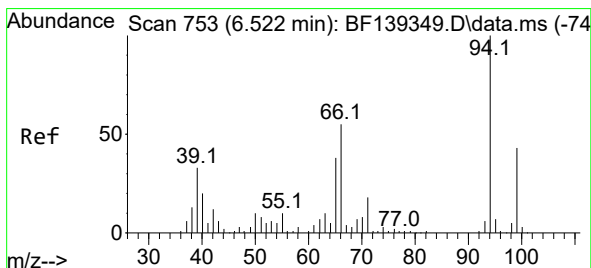
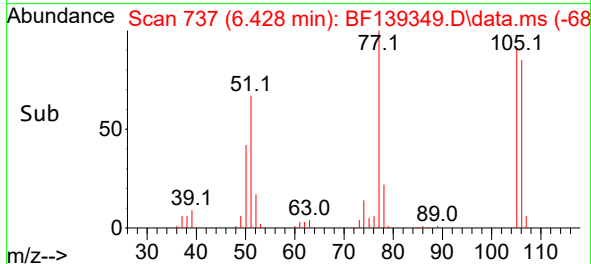
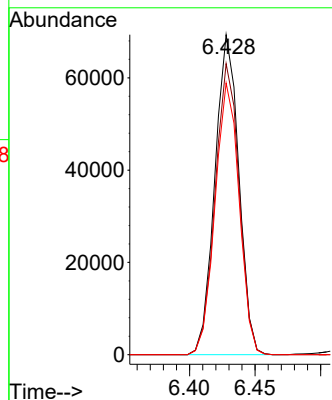
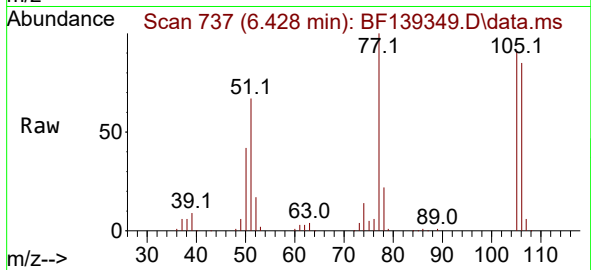




#9  
Benzaldehyde  
Concen: 34.480 ng  
RT: 6.428 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF139349.D  
Acq: 13 Sep 2024 16:53

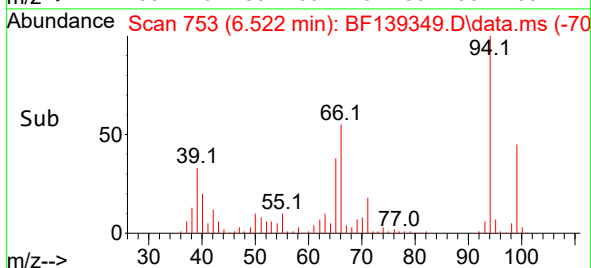
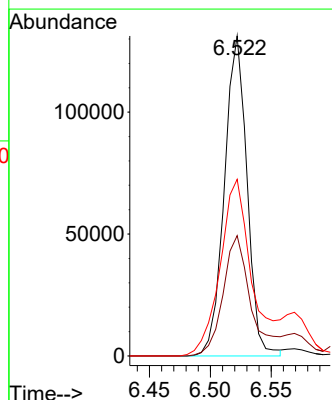
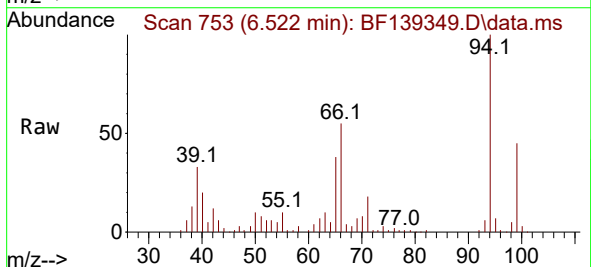
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

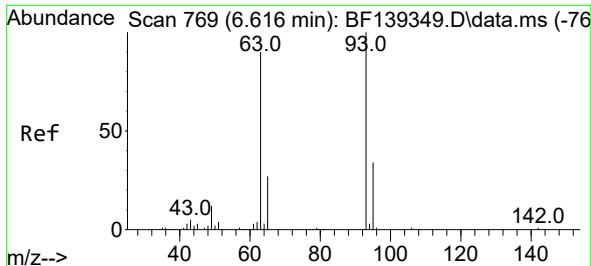
Tgt Ion: 77 Resp: 87815  
Ion Ratio Lower Upper  
77 100  
105 91.0 71.0 111.0  
106 84.9 64.9 104.9



#10  
Phenol  
Concen: 38.225 ng  
RT: 6.522 min Scan# 753  
Delta R.T. 0.000 min  
Lab File: BF139349.D  
Acq: 13 Sep 2024 16:53

Tgt Ion: 94 Resp: 169642  
Ion Ratio Lower Upper  
94 100  
65 37.6 17.6 57.6  
66 55.2 35.2 75.2

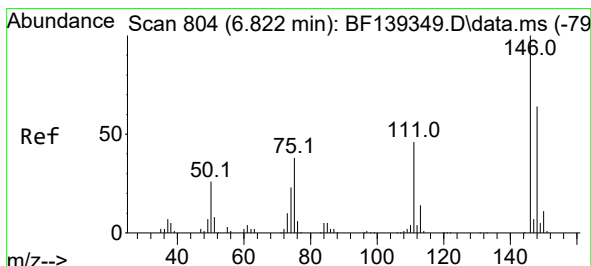
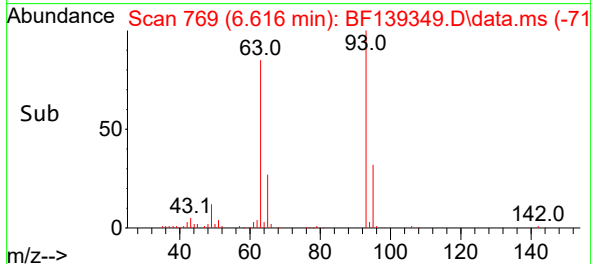
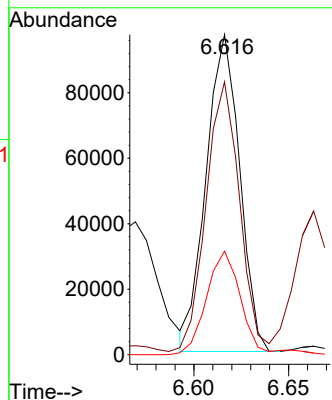
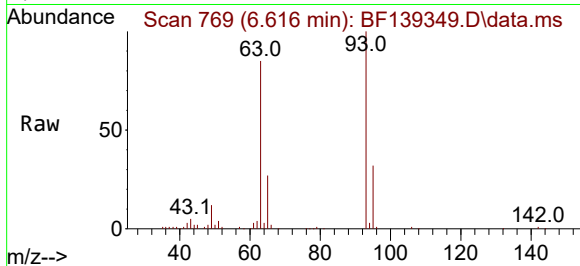




#11  
bis(2-Chloroethyl)ether  
Concen: 37.587 ng  
RT: 6.616 min Scan# 769  
Delta R.T. 0.000 min  
Lab File: BF139349.D  
Acq: 13 Sep 2024 16:53

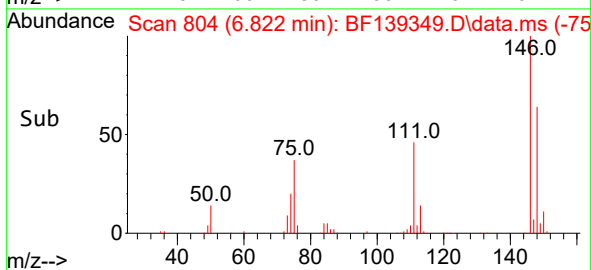
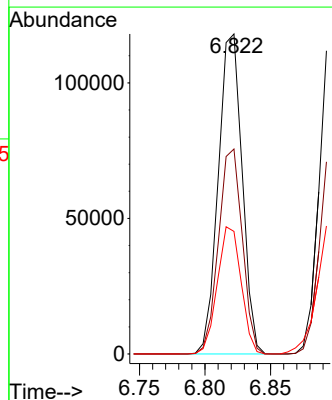
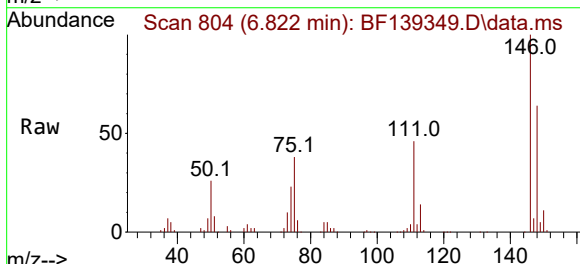
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

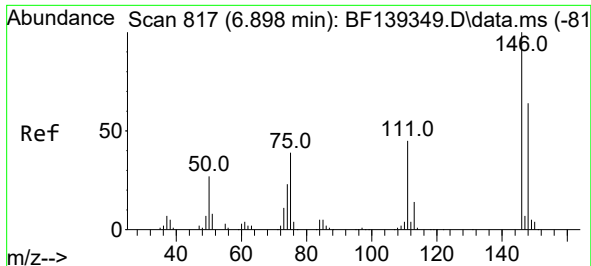
Tgt Ion: 93 Resp: 119505  
Ion Ratio Lower Upper  
93 100  
63 85.3 65.3 105.3  
95 32.4 12.4 52.4



#12  
1,3-Dichlorobenzene  
Concen: 40.331 ng  
RT: 6.822 min Scan# 804  
Delta R.T. 0.000 min  
Lab File: BF139349.D  
Acq: 13 Sep 2024 16:53

Tgt Ion: 146 Resp: 149106  
Ion Ratio Lower Upper  
146 100  
148 64.0 51.2 76.8  
75 38.3 30.6 46.0





#13

1,4-Dichlorobenzene

Concen: 40.796 ng

RT: 6.898 min Scan# 817

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

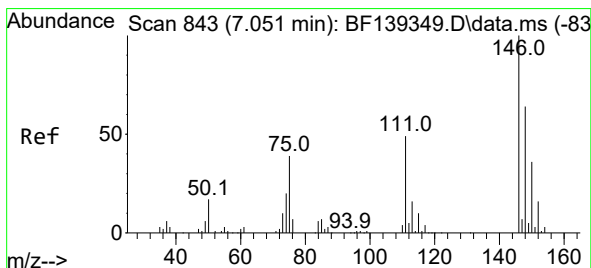
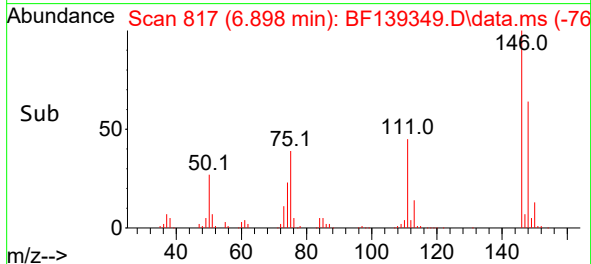
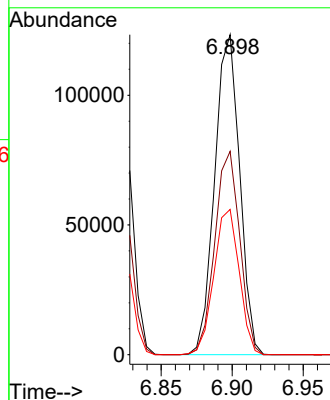
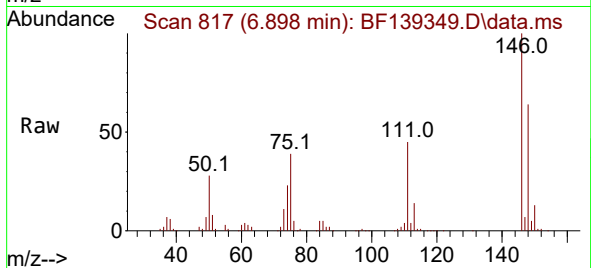
Tgt Ion:146 Resp: 150962

Ion Ratio Lower Upper

146 100

148 63.6 50.9 76.3

111 45.4 36.3 54.5



#14

1,2-Dichlorobenzene

Concen: 41.065 ng

RT: 7.051 min Scan# 843

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

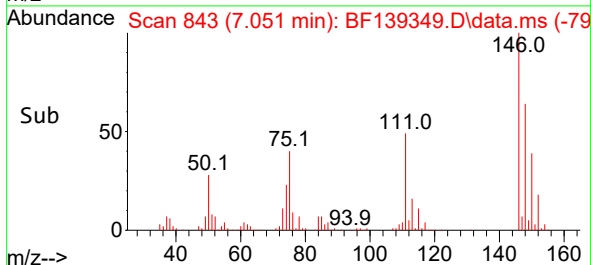
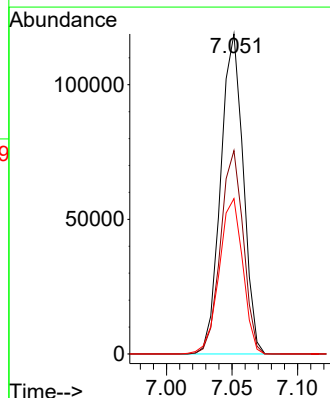
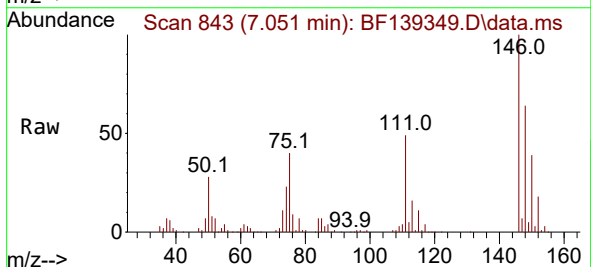
Tgt Ion:146 Resp: 141725

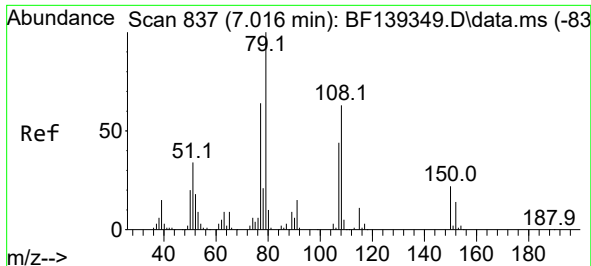
Ion Ratio Lower Upper

146 100

148 63.6 50.9 76.3

111 48.6 38.9 58.3

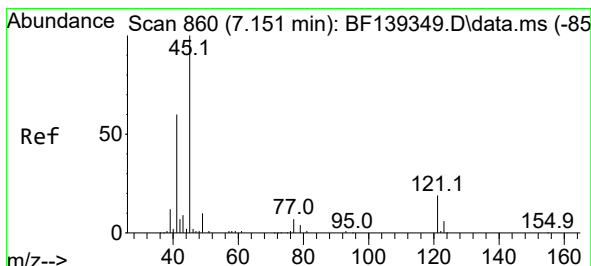
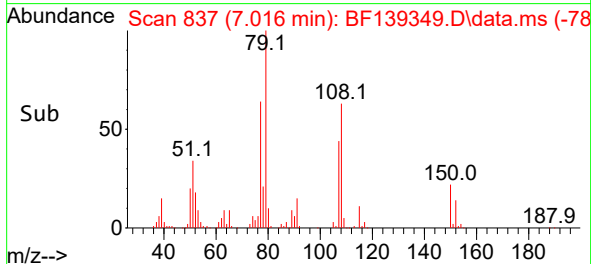
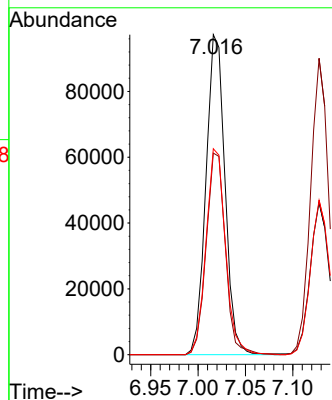
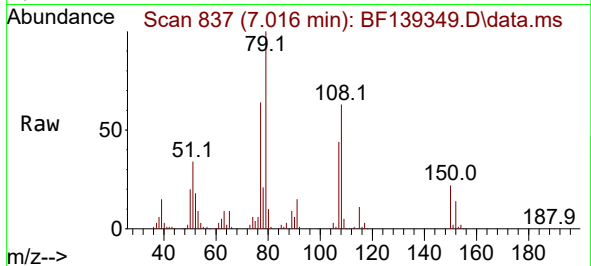




#15  
Benzyl Alcohol  
Concen: 44.061 ng  
RT: 7.016 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF139349.D  
Acq: 13 Sep 2024 16:53

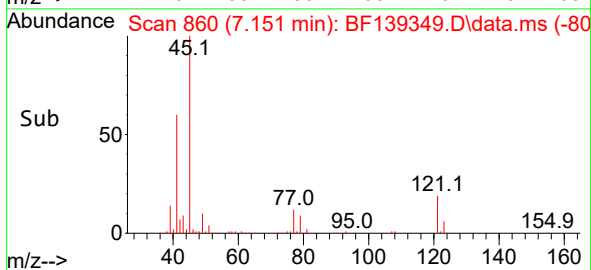
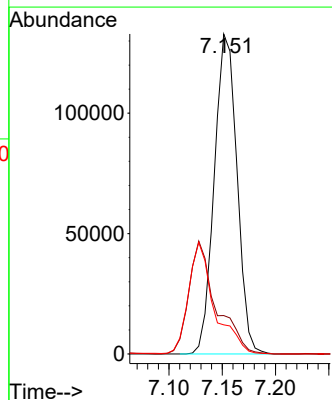
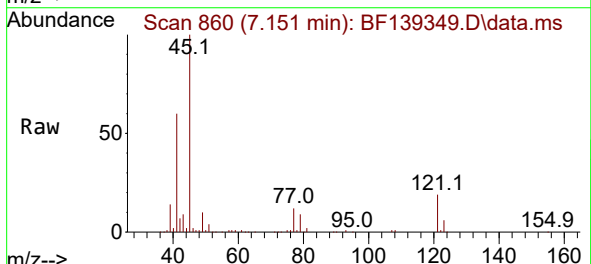
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

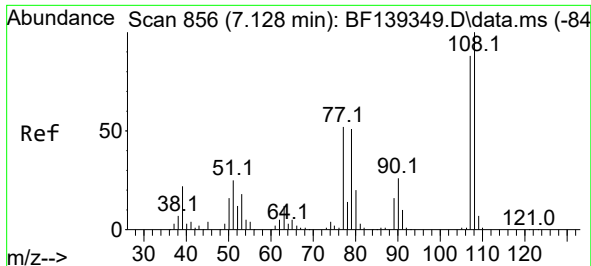
Tgt Ion: 79 Resp: 135194  
Ion Ratio Lower Upper  
79 100  
108 63.0 50.4 75.6  
77 64.3 51.4 77.2



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 32.548 ng  
RT: 7.151 min Scan# 860  
Delta R.T. 0.000 min  
Lab File: BF139349.D  
Acq: 13 Sep 2024 16:53

Tgt Ion: 45 Resp: 196996  
Ion Ratio Lower Upper  
45 100  
77 12.0 0.0 32.0  
79 9.1 0.0 29.1

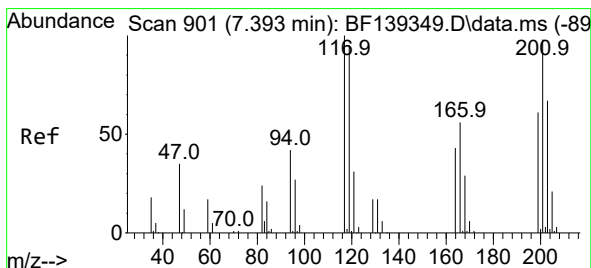
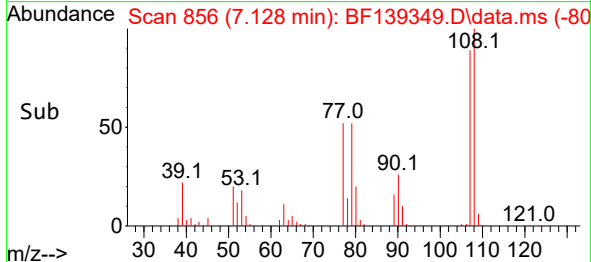
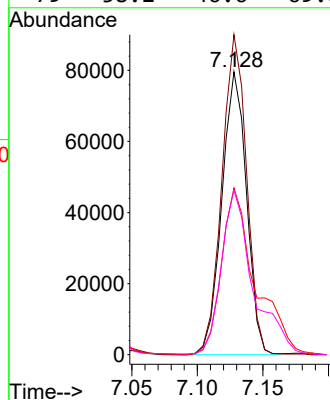
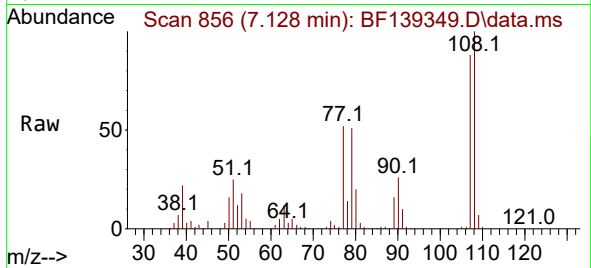




#17  
2-Methylphenol  
Concen: 38.985 ng  
RT: 7.128 min Scan# 856  
Delta R.T. 0.000 min  
Lab File: BF139349.D  
Acq: 13 Sep 2024 16:53

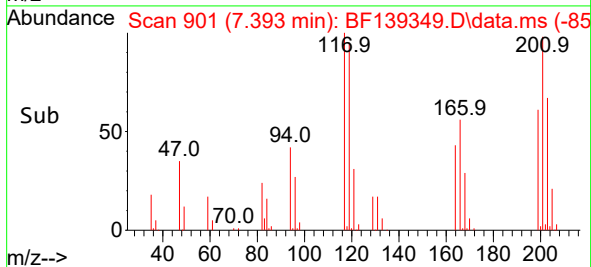
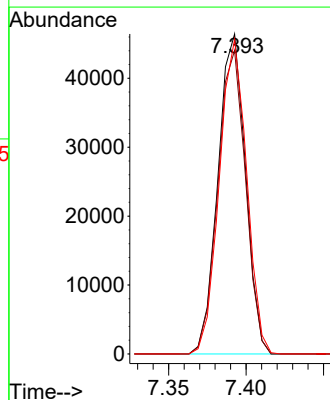
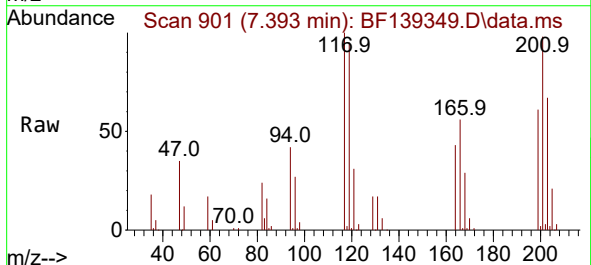
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

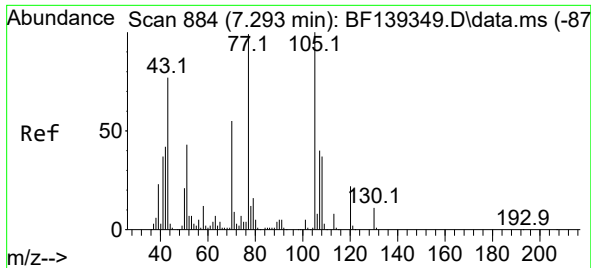
Tgt Ion:107 Resp: 104016  
Ion Ratio Lower Upper  
107 100  
108 113.1 90.5 135.7  
77 58.9 47.1 70.7  
79 58.2 46.6 69.8



#18  
Hexachloroethane  
Concen: 43.342 ng  
RT: 7.393 min Scan# 901  
Delta R.T. 0.000 min  
Lab File: BF139349.D  
Acq: 13 Sep 2024 16:53

Tgt Ion:117 Resp: 57283  
Ion Ratio Lower Upper  
117 100  
119 94.8 75.8 113.8  
201 98.3 78.6 118.0

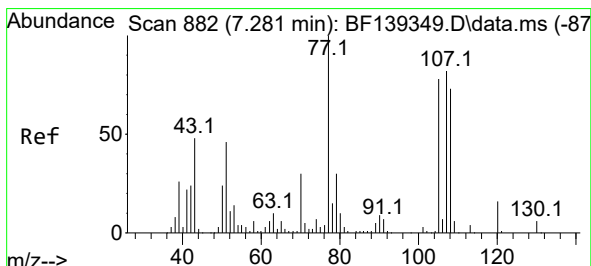
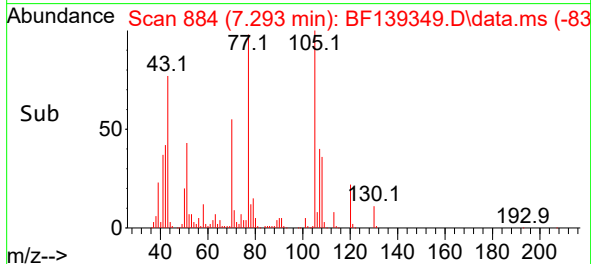
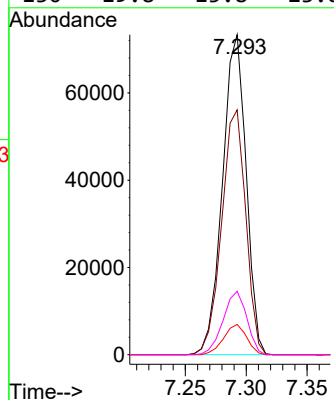
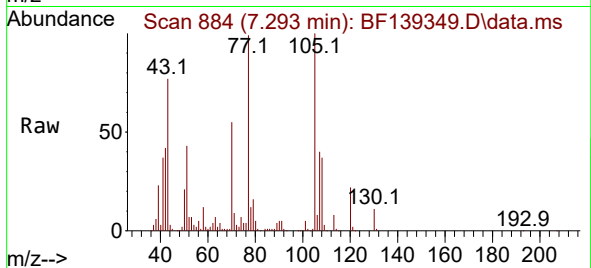




#19  
n-Nitroso-di-n-propylamine  
Concen: 40.865 ng  
RT: 7.293 min Scan# 884  
Delta R.T. 0.000 min  
Lab File: BF139349.D  
Acq: 13 Sep 2024 16:53

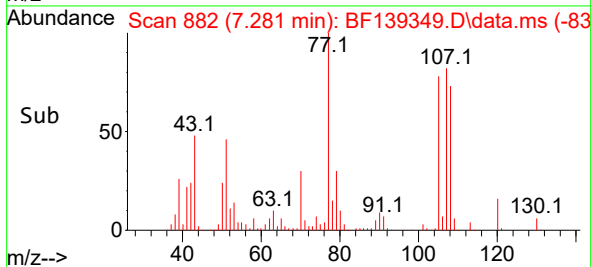
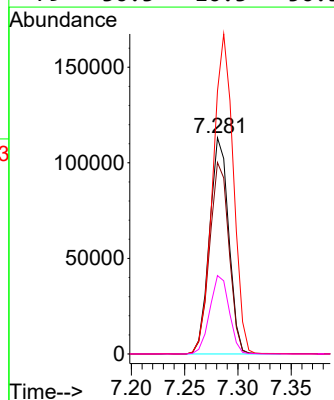
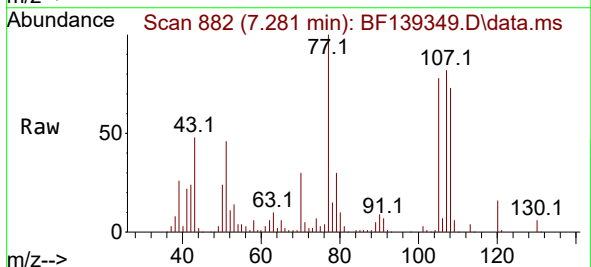
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

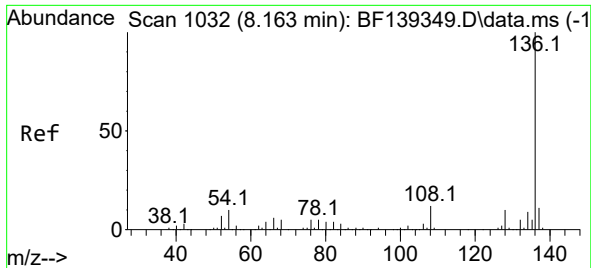
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 70    | Resp: | 99024 |
| Ion Ratio | Lower | Upper |       |
| 70        | 100   |       |       |
| 42        | 76.5  | 61.2  | 91.8  |
| 101       | 9.4   | 7.5   | 11.3  |
| 130       | 19.8  | 15.8  | 23.8  |



#20  
3+4-Methylphenols  
Concen: 42.353 ng  
RT: 7.281 min Scan# 882  
Delta R.T. 0.000 min  
Lab File: BF139349.D  
Acq: 13 Sep 2024 16:53

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 142417 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 88.6  | 68.6  | 108.6  |
| 77        | 121.6 | 101.6 | 141.6  |
| 79        | 36.3  | 16.3  | 56.3   |

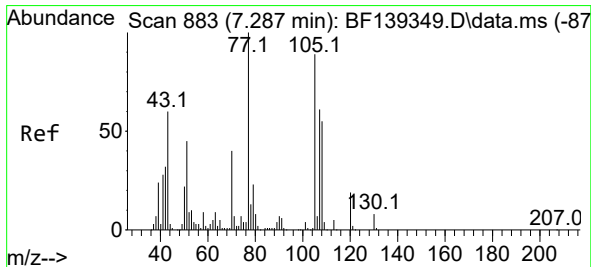
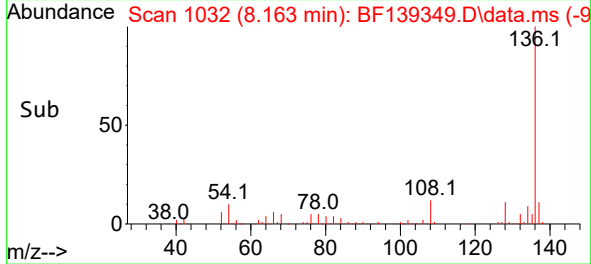
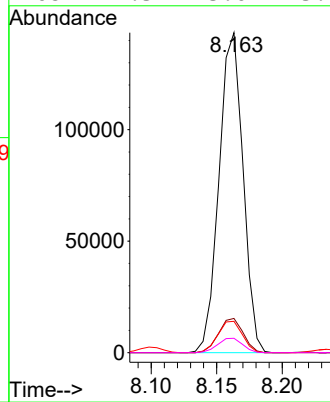
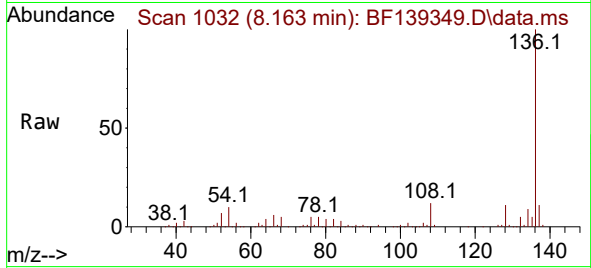




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.163 min Scan# 1032  
Delta R.T. 0.000 min  
Lab File: BF139349.D  
Acq: 13 Sep 2024 16:53

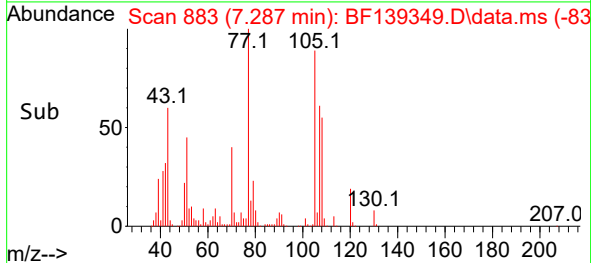
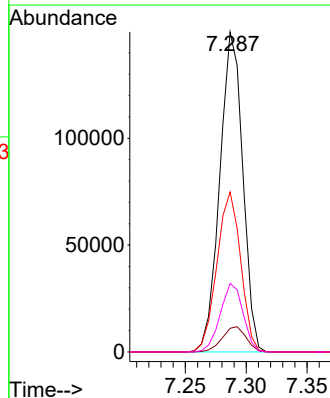
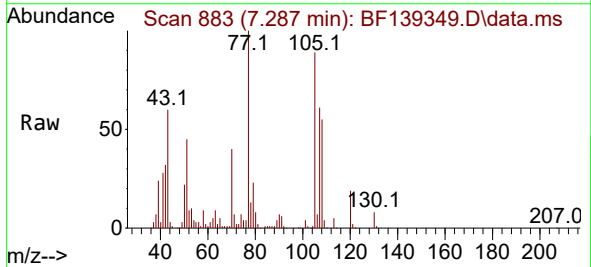
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

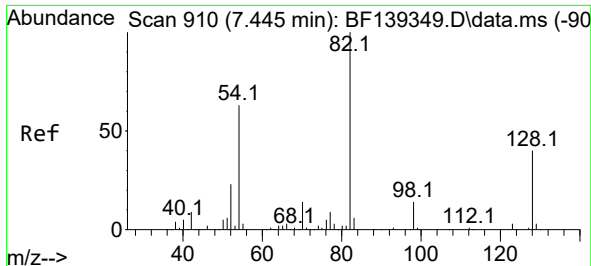
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 182509 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 10.7  | 8.6   | 12.8   |
| 54        | 9.8   | 7.8   | 11.8   |
| 68        | 4.5   | 3.6   | 5.4    |



#22  
Acetophenone  
Concen: 45.212 ng  
RT: 7.287 min Scan# 883  
Delta R.T. 0.000 min  
Lab File: BF139349.D  
Acq: 13 Sep 2024 16:53

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 196581 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 7.4   | 5.9   | 8.9    |
| 51        | 50.0  | 40.0  | 60.0   |
| 120       | 21.4  | 17.1  | 25.7   |





#23

Nitrobenzene-d5

Concen: 91.690 ng

RT: 7.445 min Scan# 910

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

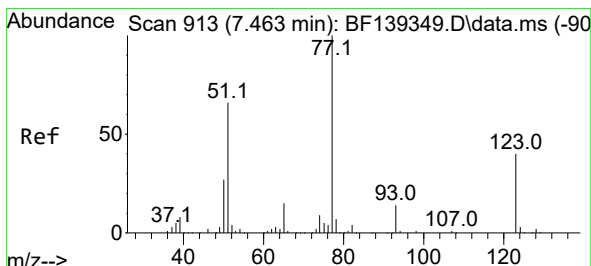
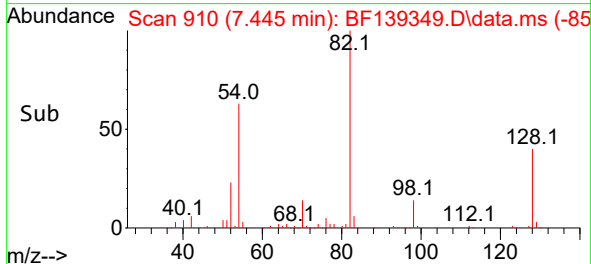
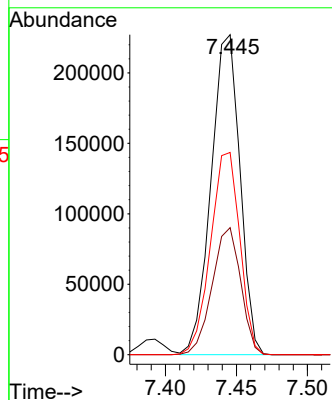
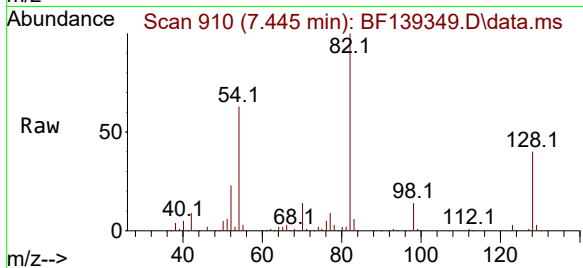
Tgt Ion: 82 Resp: 321670

Ion Ratio Lower Upper

82 100

128 39.7 31.8 47.6

54 63.2 50.6 75.8



#24

Nitrobenzene

Concen: 44.406 ng

RT: 7.463 min Scan# 913

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

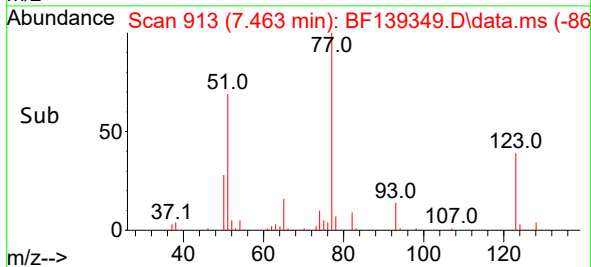
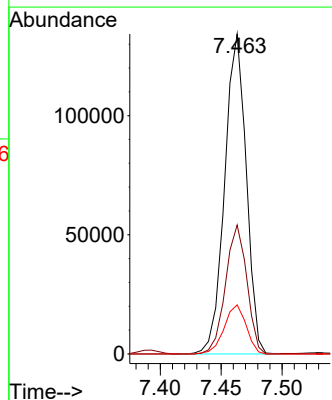
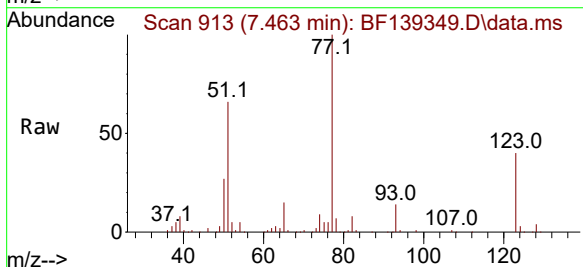
Tgt Ion: 77 Resp: 165350

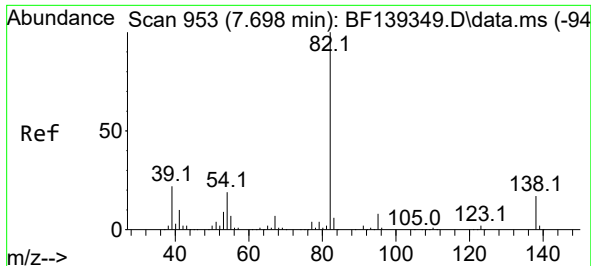
Ion Ratio Lower Upper

77 100

123 40.3 32.2 48.4

65 15.3 12.2 18.4

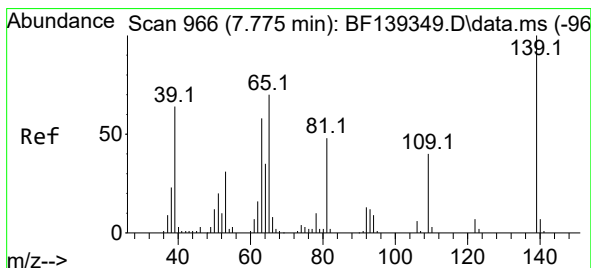
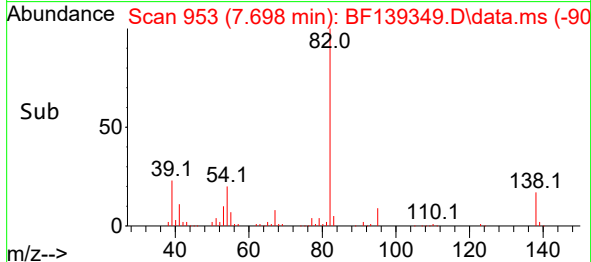
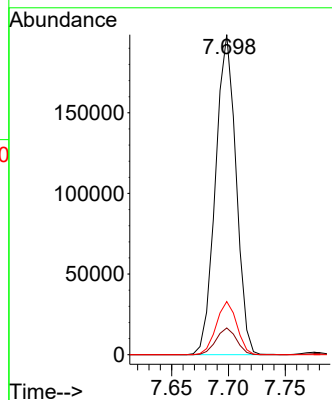
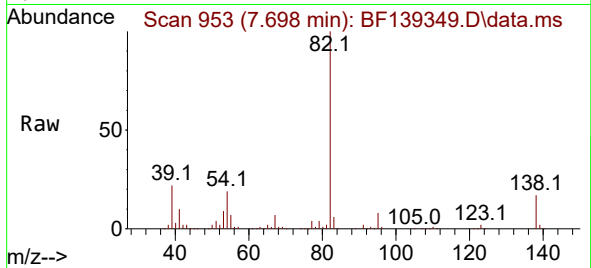




#25  
Isophorone  
Concen: 41.707 ng  
RT: 7.698 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF139349.D  
Acq: 13 Sep 2024 16:53

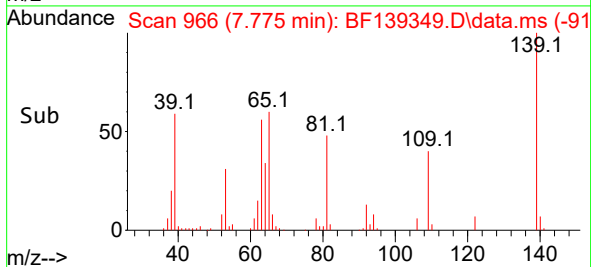
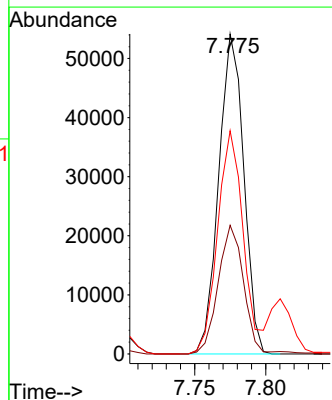
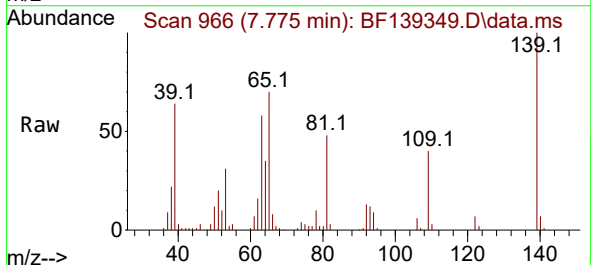
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

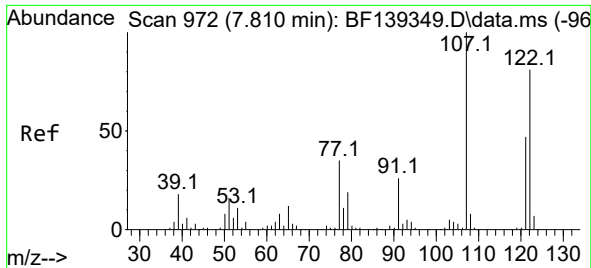
Tgt Ion: 82 Resp: 250157  
Ion Ratio Lower Upper  
82 100  
95 8.4 6.7 10.1  
138 16.6 13.3 19.9



#26  
2-Nitrophenol  
Concen: 45.366 ng  
RT: 7.775 min Scan# 966  
Delta R.T. 0.000 min  
Lab File: BF139349.D  
Acq: 13 Sep 2024 16:53

Tgt Ion:139 Resp: 66347  
Ion Ratio Lower Upper  
139 100  
109 40.2 32.2 48.2  
65 69.8 55.8 83.8





#27

2,4-Dimethylphenol

Concen: 41.208 ng

RT: 7.810 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

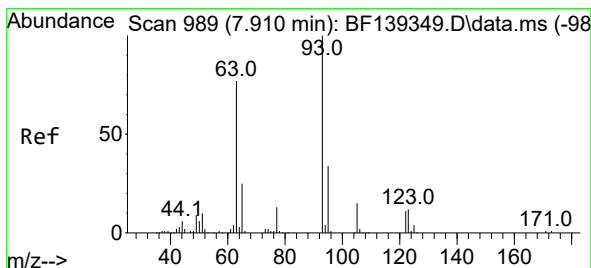
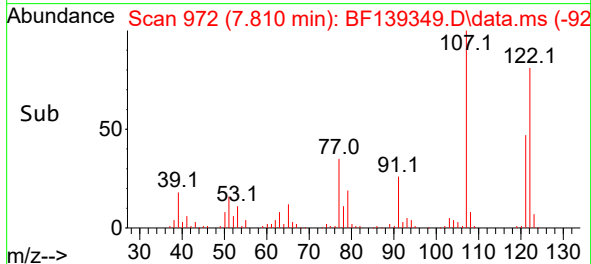
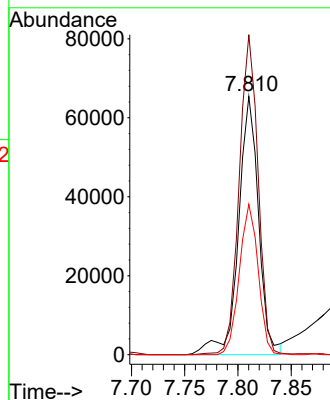
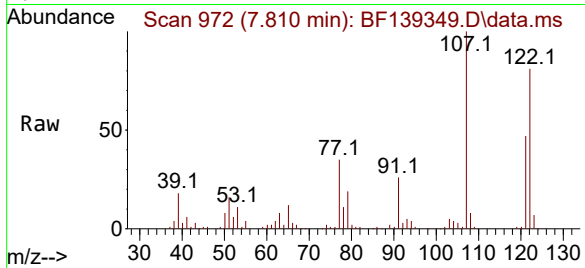
Tgt Ion:122 Resp: 85952

Ion Ratio Lower Upper

122 100

107 123.9 99.1 148.7

121 58.3 46.6 70.0



#28

bis(2-Chloroethoxy)methane

Concen: 39.520 ng

RT: 7.910 min Scan# 989

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

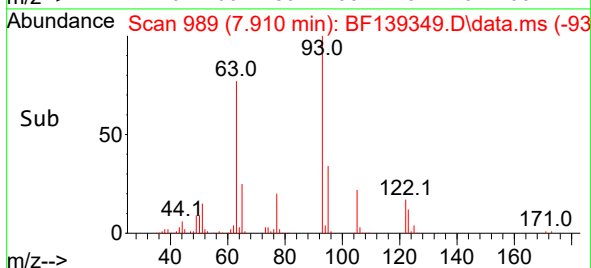
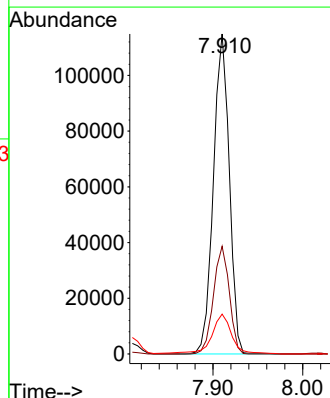
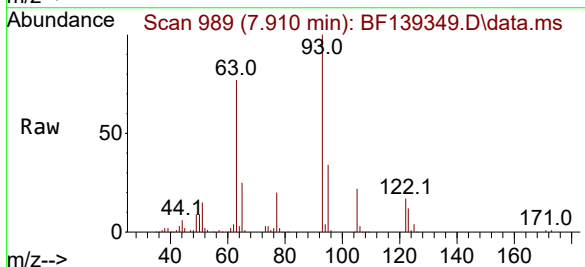
Tgt Ion: 93 Resp: 141226

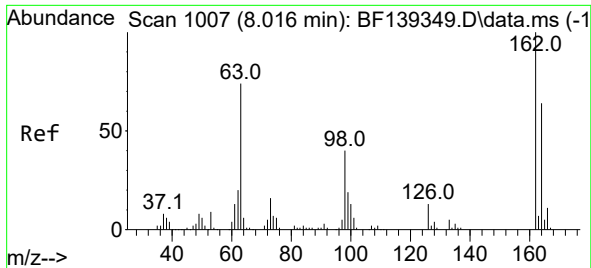
Ion Ratio Lower Upper

93 100

95 33.6 26.9 40.3

123 12.5 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 43.097 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

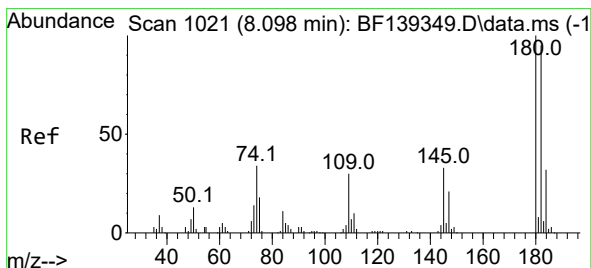
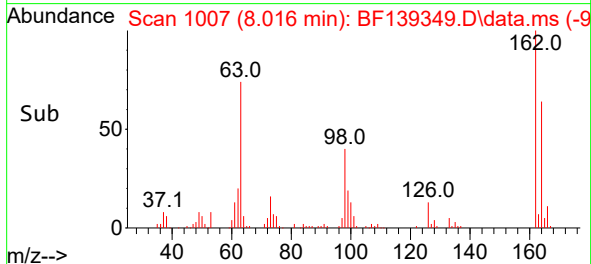
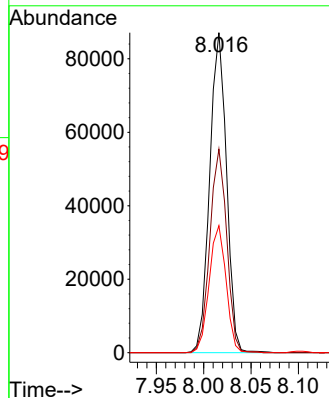
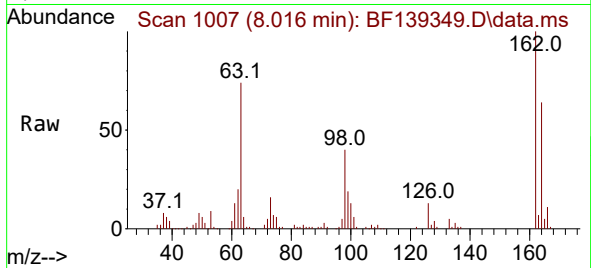
Tgt Ion:162 Resp: 107629

Ion Ratio Lower Upper

162 100

164 63.6 43.6 83.6

98 39.7 19.7 59.7



#30

1,2,4-Trichlorobenzene

Concen: 43.628 ng

RT: 8.098 min Scan# 1021

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

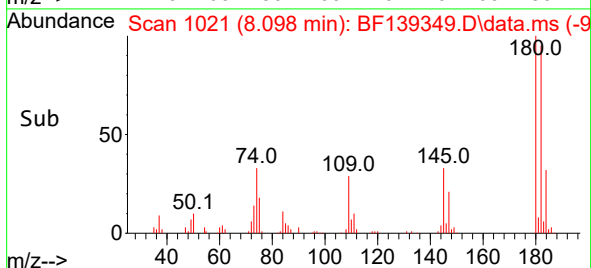
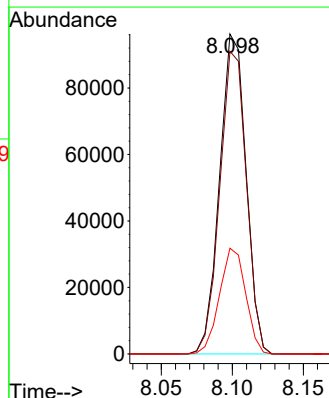
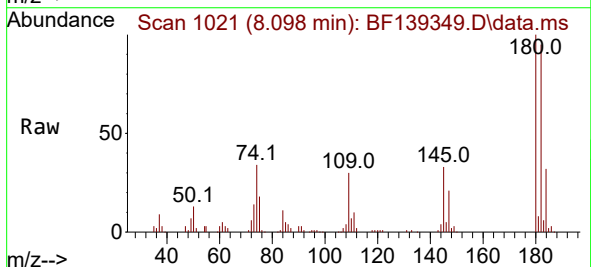
Tgt Ion:180 Resp: 124438

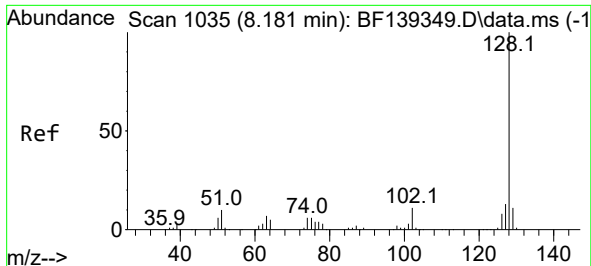
Ion Ratio Lower Upper

180 100

182 94.6 75.7 113.5

145 33.1 26.5 39.7





#31

Naphthalene

Concen: 42.255 ng

RT: 8.181 min Scan# 1035

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

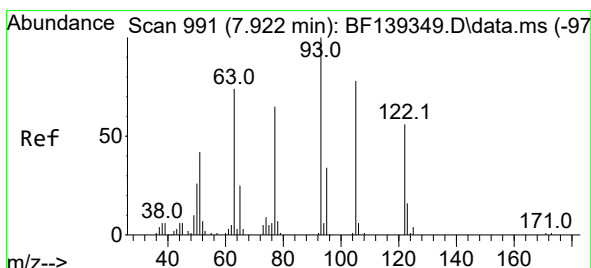
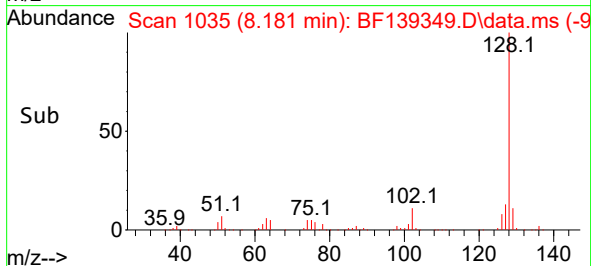
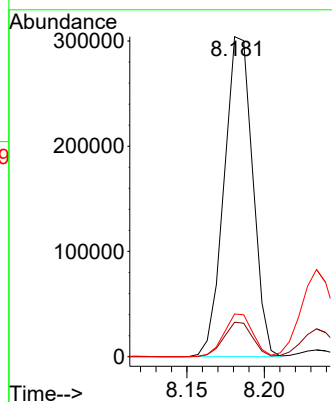
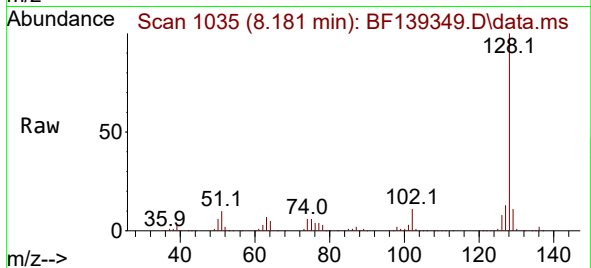
Tgt Ion:128 Resp: 390544

Ion Ratio Lower Upper

128 100

129 10.8 8.6 13.0

127 13.3 10.6 16.0



#32

Benzoic acid

Concen: 42.284 ng

RT: 7.922 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

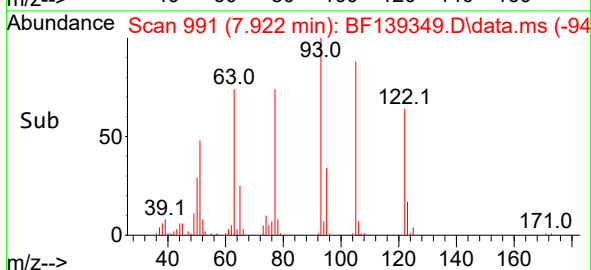
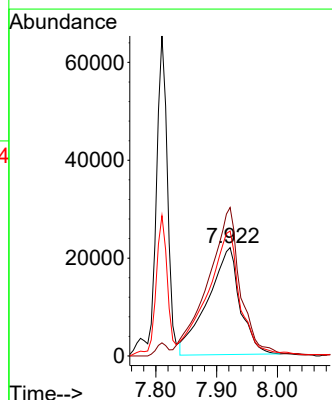
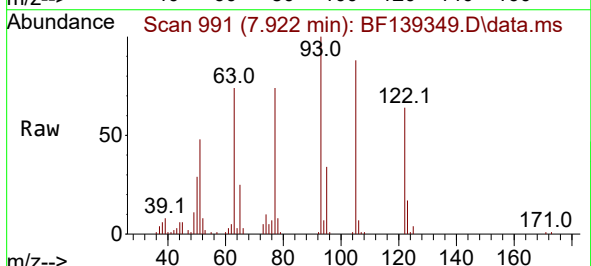
Tgt Ion:122 Resp: 80333

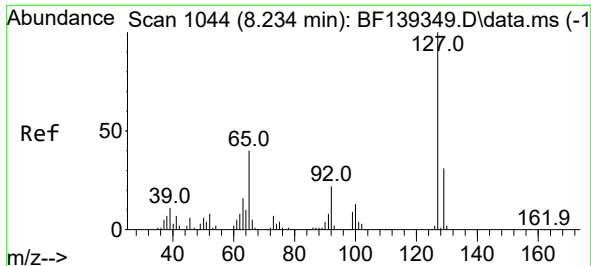
Ion Ratio Lower Upper

122 100

105 137.1 117.1 157.1

77 115.4 95.4 135.4

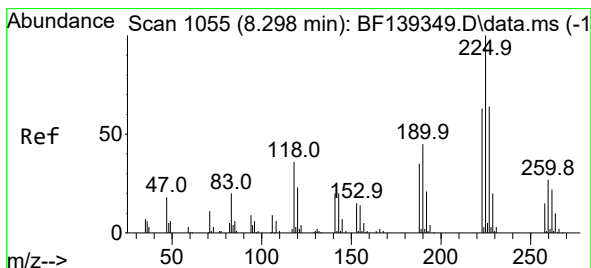
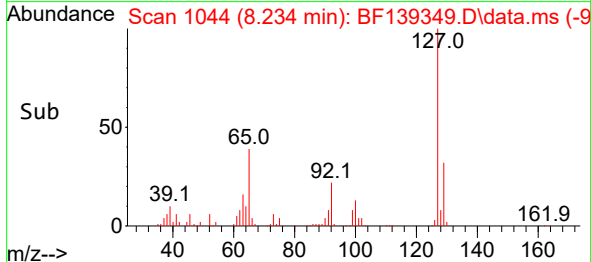
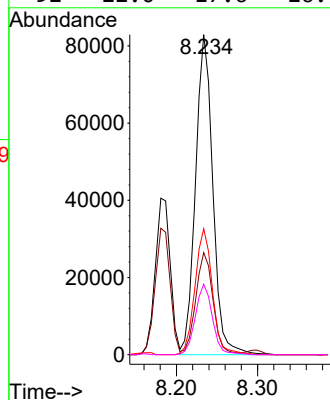
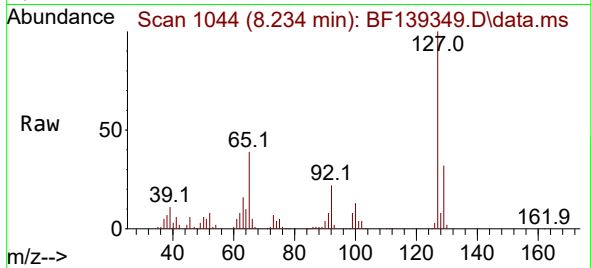




#33  
4-Chloroaniline  
Concen: 38.476 ng  
RT: 8.234 min Scan# 1044  
Delta R.T. 0.000 min  
Lab File: BF139349.D  
Acq: 13 Sep 2024 16:53

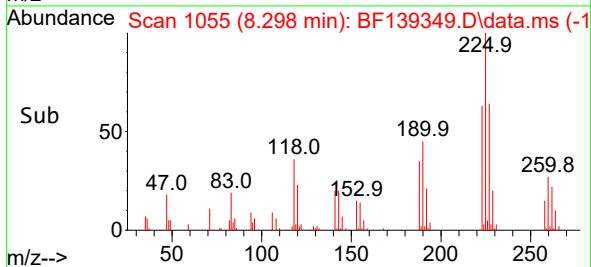
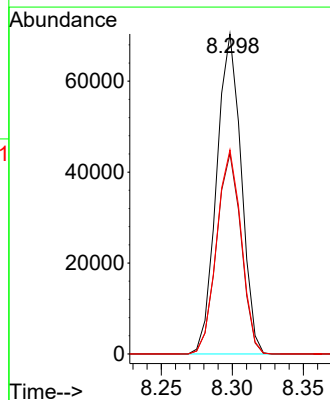
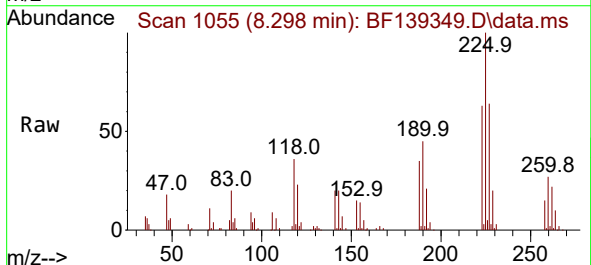
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

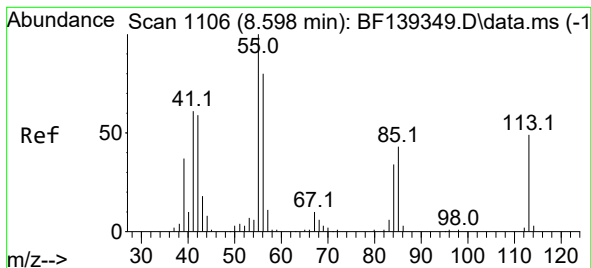
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 123133 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.9  | 25.5  | 38.3   |
| 65       | 39.4  | 31.5  | 47.3   |
| 92       | 22.0  | 17.6  | 26.4   |



#34  
Hexachlorobutadiene  
Concen: 46.820 ng  
RT: 8.298 min Scan# 1055  
Delta R.T. 0.000 min  
Lab File: BF139349.D  
Acq: 13 Sep 2024 16:53

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 84620 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 62.6  | 50.1  | 75.1  |
| 227      | 63.8  | 51.0  | 76.6  |





#35

Caprolactam

Concen: 44.115 ng

RT: 8.598 min Scan# 1106

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

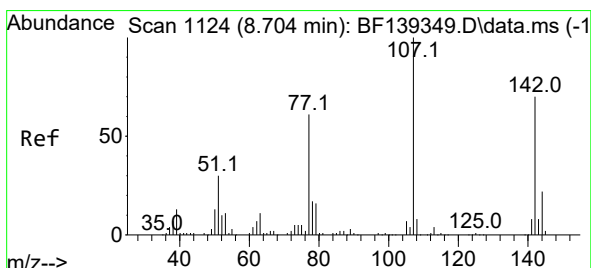
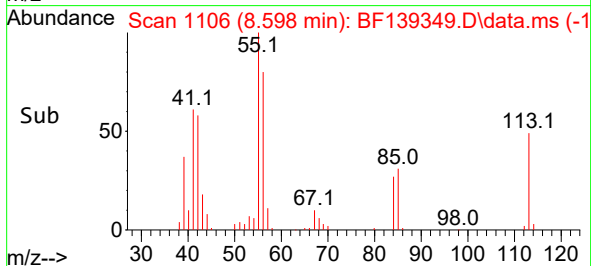
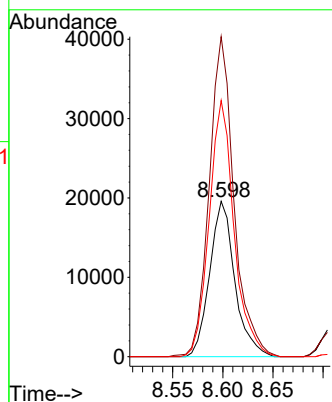
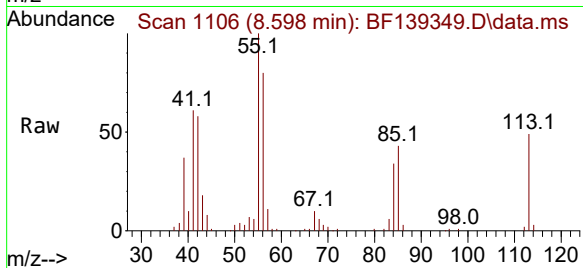
Tgt Ion:113 Resp: 34107

Ion Ratio Lower Upper

113 100

55 206.1 186.1 226.1

56 164.9 144.9 184.9



#36

4-Chloro-3-methylphenol

Concen: 45.688 ng

RT: 8.704 min Scan# 1124

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

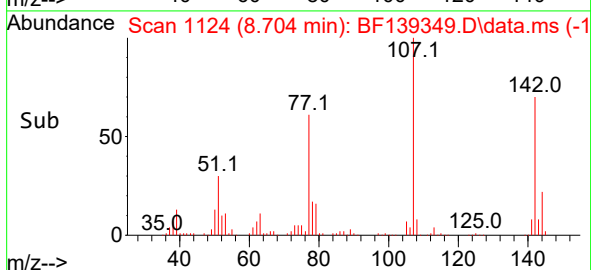
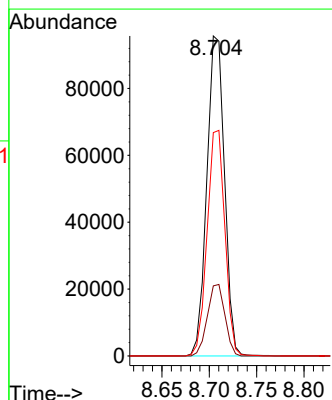
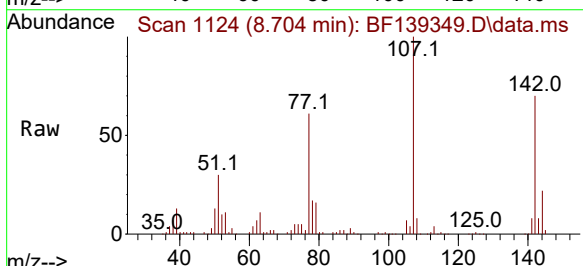
Tgt Ion:107 Resp: 124337

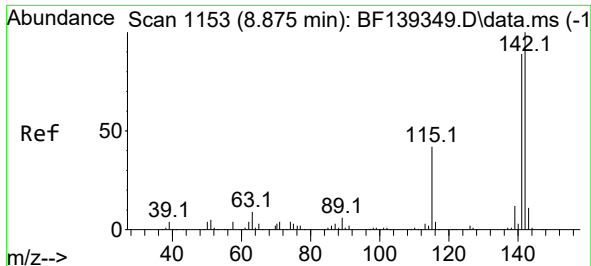
Ion Ratio Lower Upper

107 100

144 21.9 17.5 26.3

142 69.8 55.8 83.8





#37

2-Methylnaphthalene

Concen: 42.953 ng

RT: 8.875 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

Instrument :

BNA\_F

ClientSampleId :

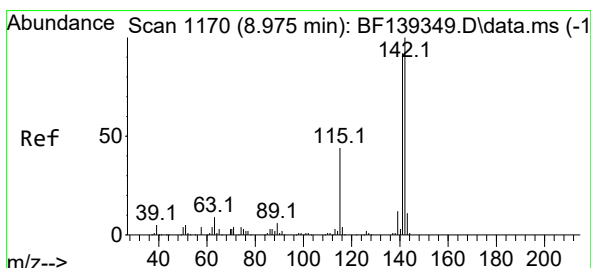
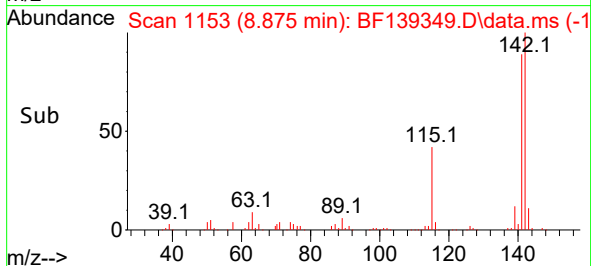
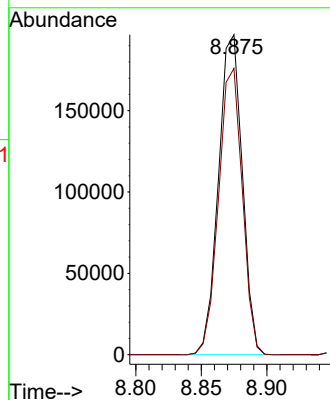
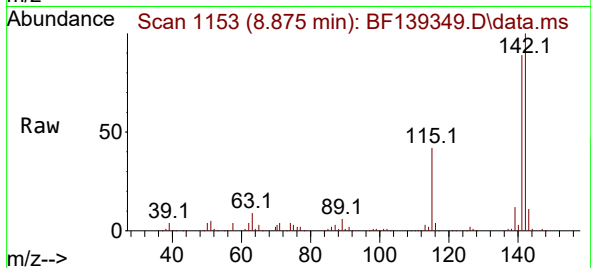
SSTDICCC040

Tgt Ion:142 Resp: 248380

Ion Ratio Lower Upper

142 100

141 89.5 71.6 107.4



#38

1-Methylnaphthalene

Concen: 42.469 ng

RT: 8.975 min Scan# 1170

Delta R.T. 0.000 min

Lab File: BF139349.D

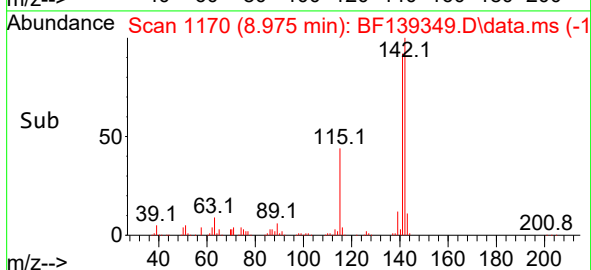
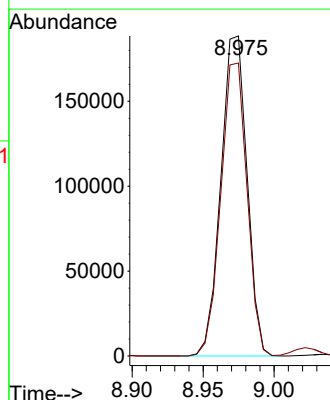
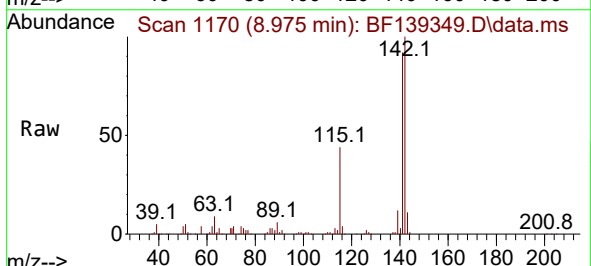
Acq: 13 Sep 2024 16:53

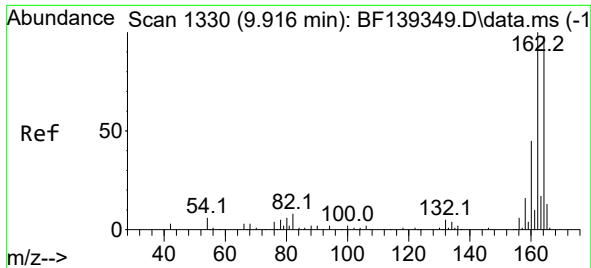
Tgt Ion:142 Resp: 241525

Ion Ratio Lower Upper

142 100

141 91.5 73.2 109.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

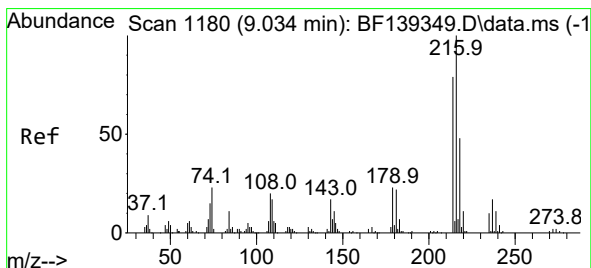
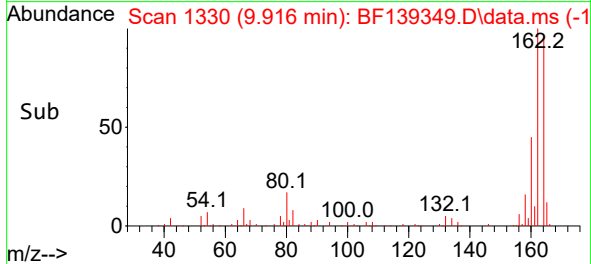
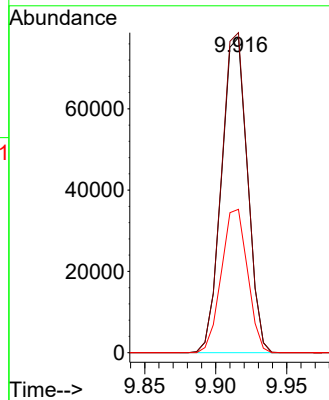
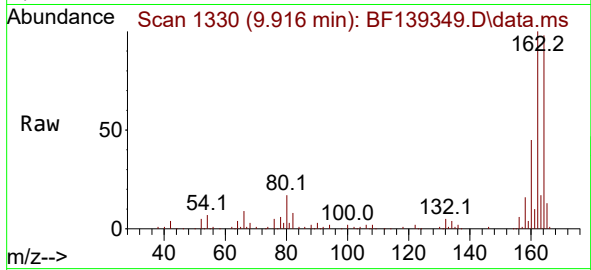
Tgt Ion:164 Resp: 98703

Ion Ratio Lower Upper

164 100

162 101.6 81.3 121.9

160 45.5 36.4 54.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.724 ng

RT: 9.034 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

Tgt Ion:216 Resp: 122103

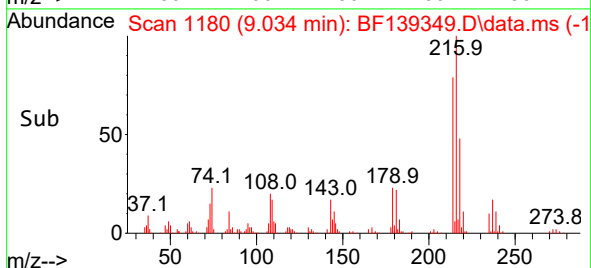
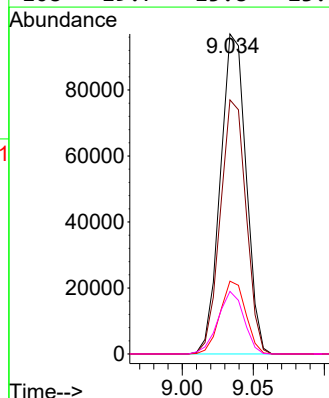
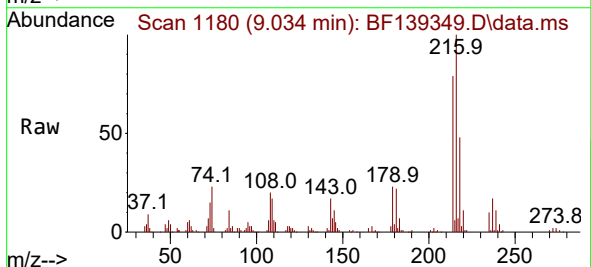
Ion Ratio Lower Upper

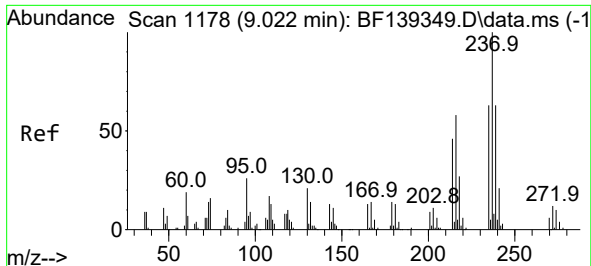
216 100

214 79.2 63.4 95.0

179 22.7 18.2 27.2

108 19.7 15.8 23.6

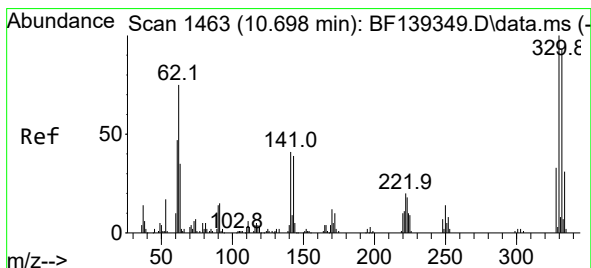
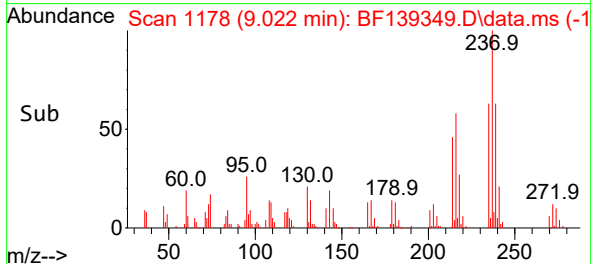
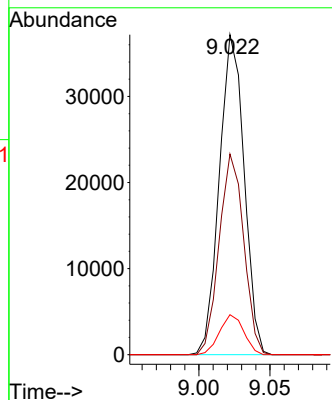
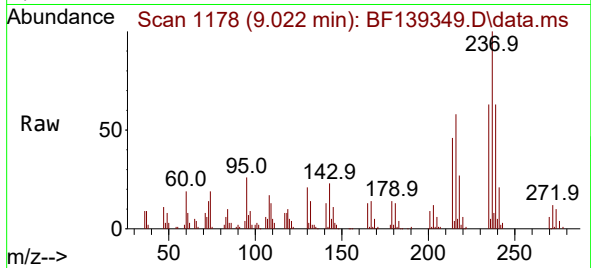




#41  
Hexachlorocyclopentadiene  
Concen: 50.294 ng  
RT: 9.022 min Scan# 1178  
Delta R.T. 0.000 min  
Lab File: BF139349.D  
Acq: 13 Sep 2024 16:53

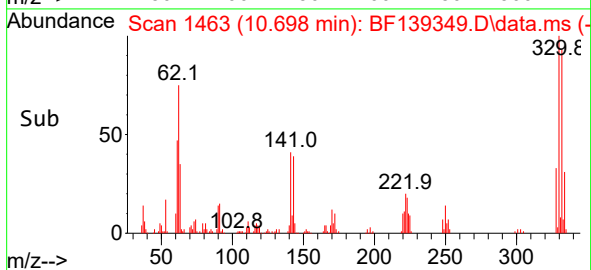
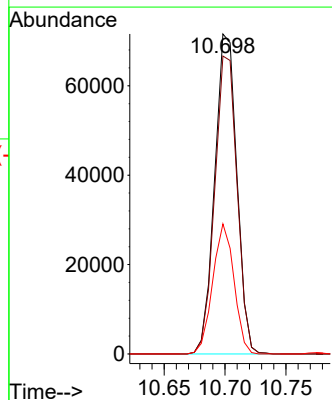
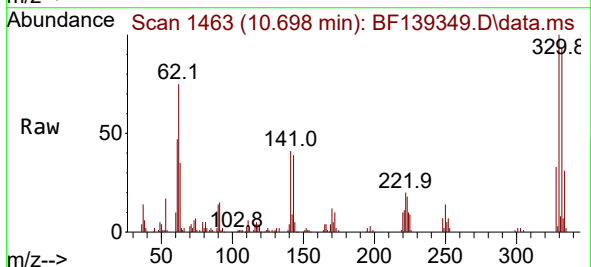
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

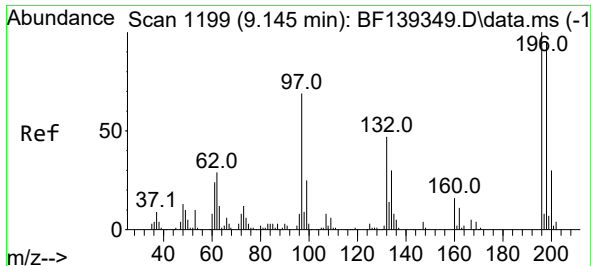
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:237 | Resp: | 45137     |
| Ion Ratio   | Lower | Upper     |
| 237         | 100   |           |
| 235         | 62.7  | 42.7 82.7 |
| 272         | 12.5  | 0.0 32.5  |



#42  
2,4,6-Tribromophenol  
Concen: 106.232 ng  
RT: 10.698 min Scan# 1463  
Delta R.T. 0.000 min  
Lab File: BF139349.D  
Acq: 13 Sep 2024 16:53

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:330 | Resp: | 90543      |
| Ion Ratio   | Lower | Upper      |
| 330         | 100   |            |
| 332         | 94.0  | 75.2 112.8 |
| 141         | 39.0  | 31.2 46.8  |

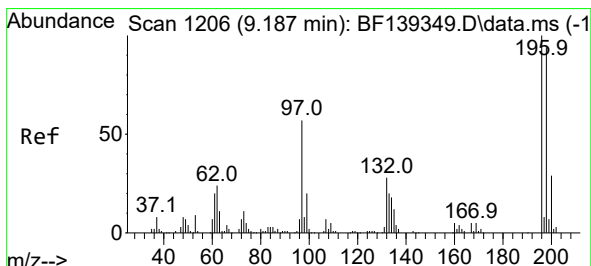
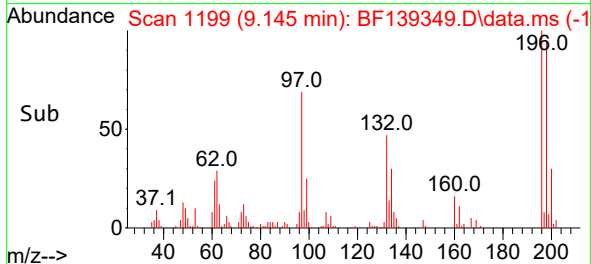
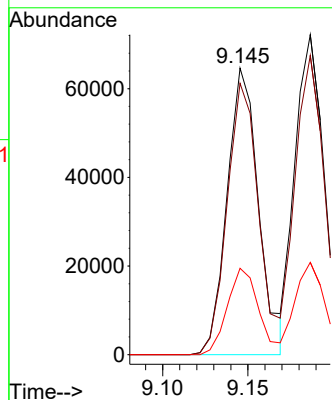
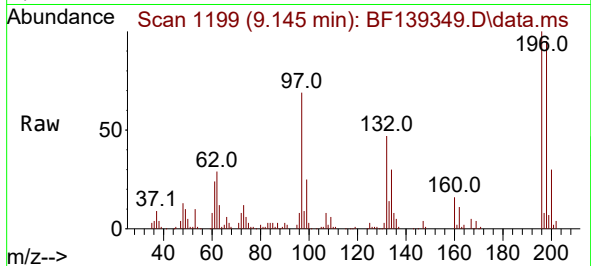




#43  
 2,4,6-Trichlorophenol  
 Concen: 45.538 ng  
 RT: 9.145 min Scan# 1199  
 Delta R.T. 0.000 min  
 Lab File: BF139349.D  
 Acq: 13 Sep 2024 16:53

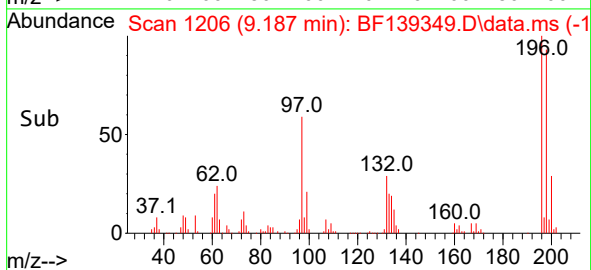
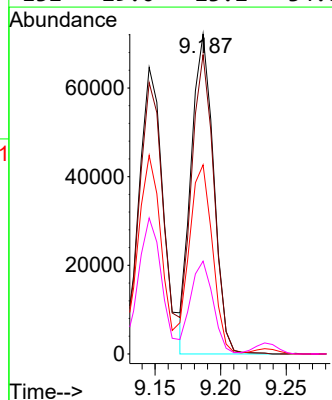
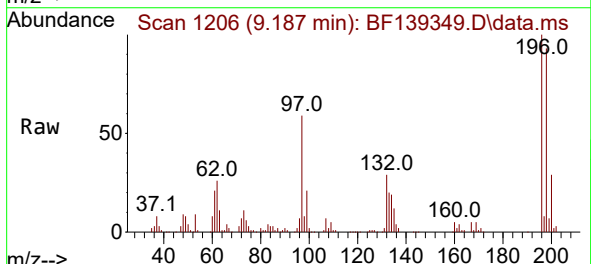
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICCC040

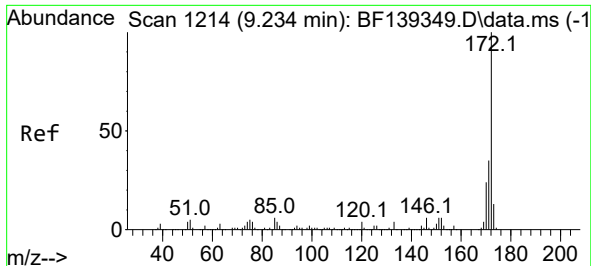
Tgt Ion:196 Resp: 83204  
 Ion Ratio Lower Upper  
 196 100  
 198 94.7 75.8 113.6  
 200 30.1 24.1 36.1



#44  
 2,4,5-Trichlorophenol  
 Concen: 44.767 ng  
 RT: 9.187 min Scan# 1206  
 Delta R.T. 0.000 min  
 Lab File: BF139349.D  
 Acq: 13 Sep 2024 16:53

Tgt Ion:196 Resp: 85716  
 Ion Ratio Lower Upper  
 196 100  
 198 93.5 74.8 112.2  
 97 59.1 47.3 70.9  
 132 29.0 23.2 34.8

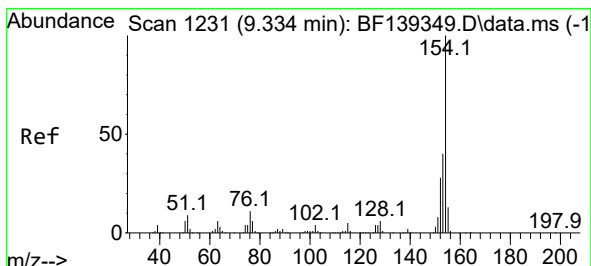
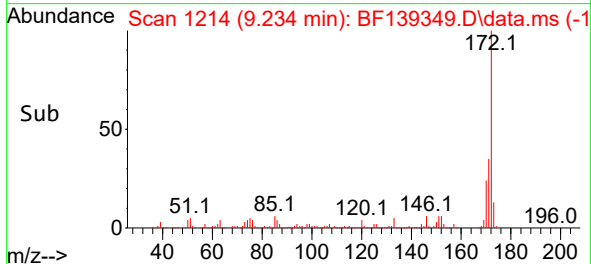
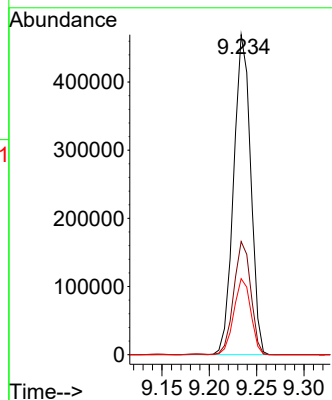
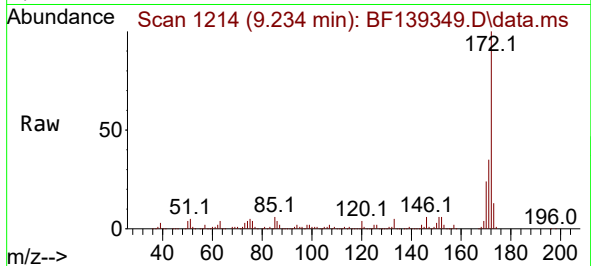




#45  
2-Fluorobiphenyl  
Concen: 92.034 ng  
RT: 9.234 min Scan# 1214  
Delta R.T. 0.000 min  
Lab File: BF139349.D  
Acq: 13 Sep 2024 16:53

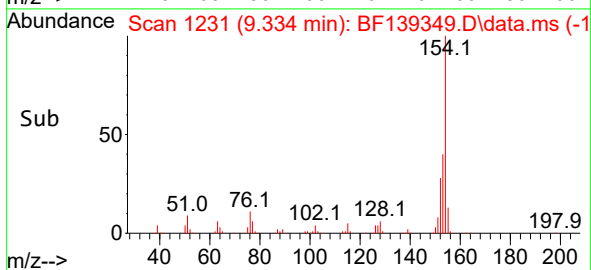
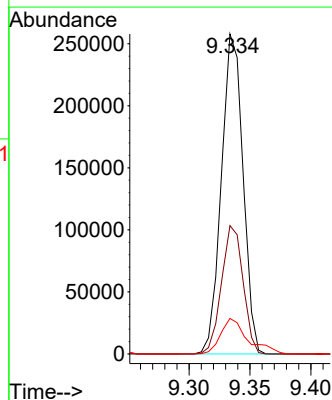
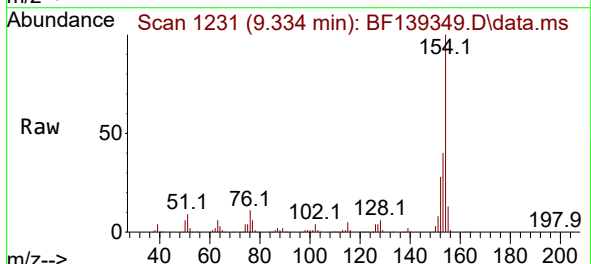
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

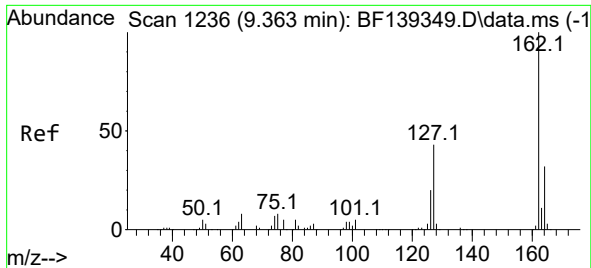
Tgt Ion:172 Resp: 588478  
Ion Ratio Lower Upper  
172 100  
171 35.4 28.3 42.5  
170 23.8 19.0 28.6



#46  
1,1'-Biphenyl  
Concen: 43.531 ng  
RT: 9.334 min Scan# 1231  
Delta R.T. 0.000 min  
Lab File: BF139349.D  
Acq: 13 Sep 2024 16:53

Tgt Ion:154 Resp: 318340  
Ion Ratio Lower Upper  
154 100  
153 40.1 20.1 60.1  
76 11.1 0.0 31.1

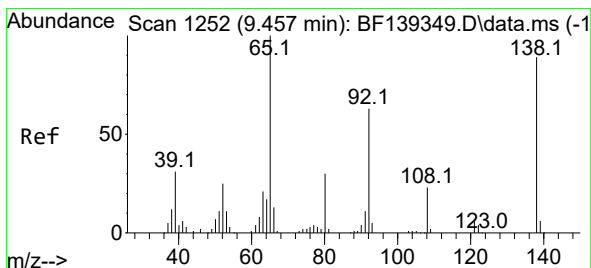
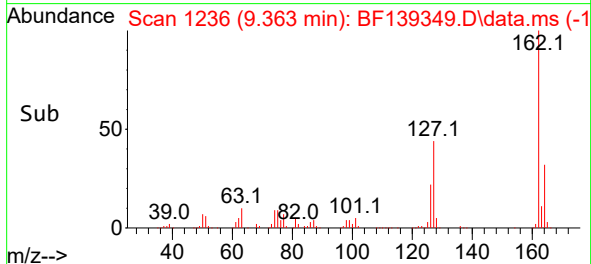
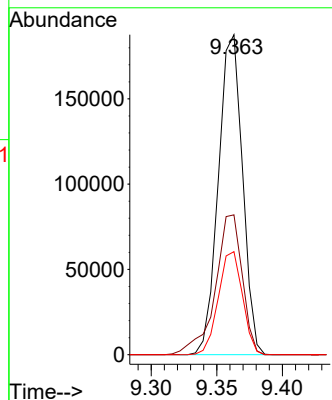
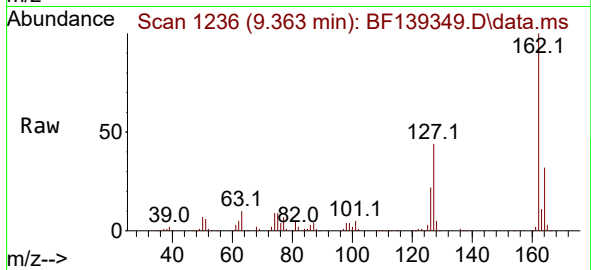




#47  
2-Chloronaphthalene  
Concen: 43.438 ng  
RT: 9.363 min Scan# 1236  
Delta R.T. 0.000 min  
Lab File: BF139349.D  
Acq: 13 Sep 2024 16:53

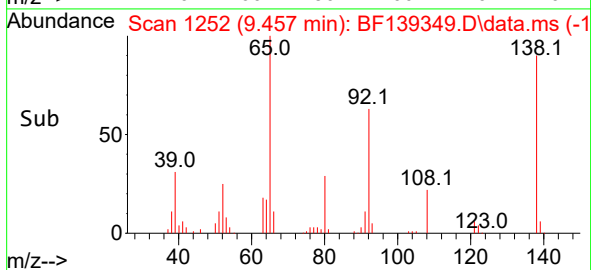
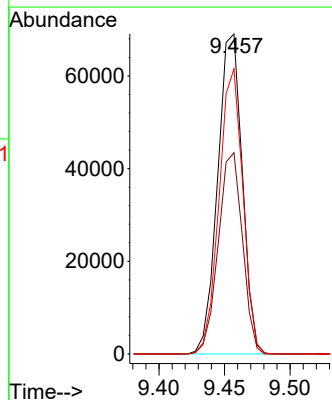
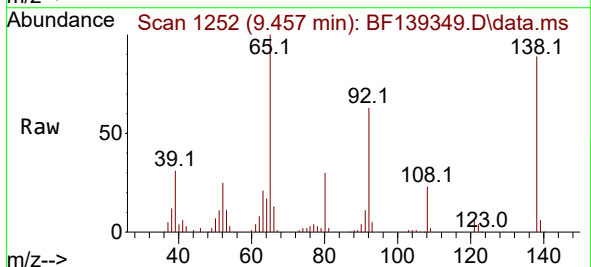
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

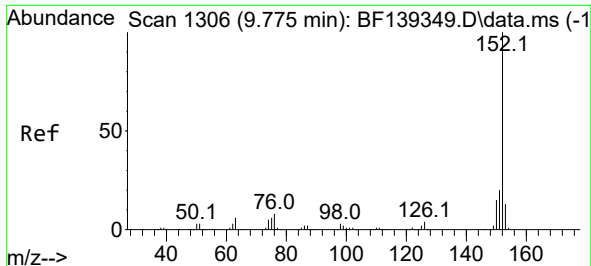
Tgt Ion:162 Resp: 239859  
Ion Ratio Lower Upper  
162 100  
127 43.7 35.0 52.4  
164 32.2 25.8 38.6



#48  
2-Nitroaniline  
Concen: 47.281 ng  
RT: 9.457 min Scan# 1252  
Delta R.T. 0.000 min  
Lab File: BF139349.D  
Acq: 13 Sep 2024 16:53

Tgt Ion: 65 Resp: 89926  
Ion Ratio Lower Upper  
65 100  
92 62.9 50.3 75.5  
138 89.1 71.3 106.9





#49

Acenaphthylene

Concen: 43.067 ng

RT: 9.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

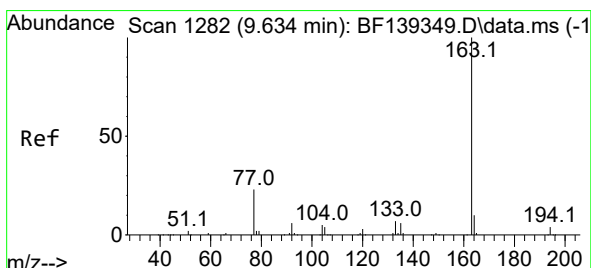
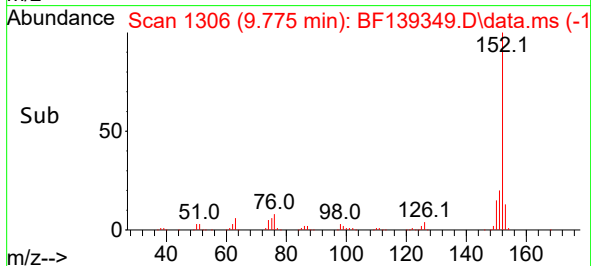
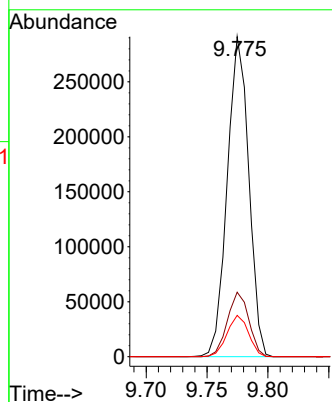
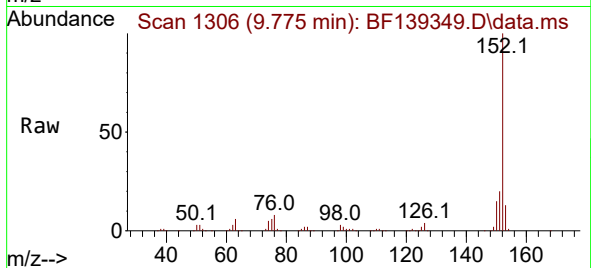
Tgt Ion:152 Resp: 358182

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.2

153 12.9 10.3 15.5



#50

Dimethylphthalate

Concen: 45.599 ng

RT: 9.634 min Scan# 1282

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

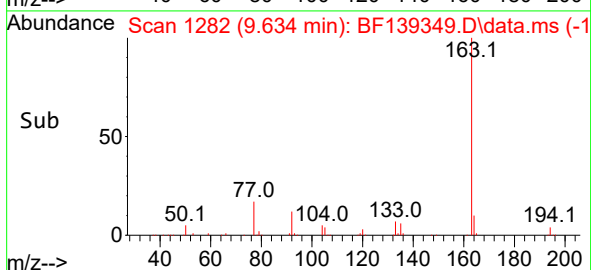
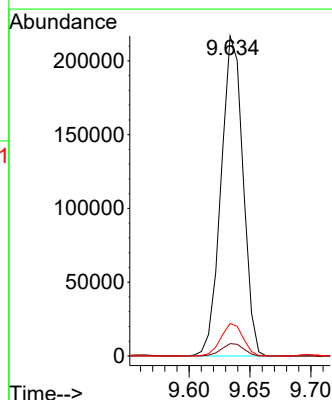
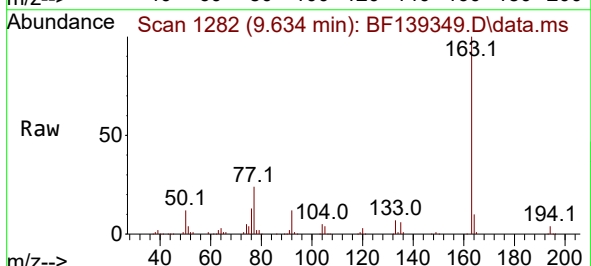
Tgt Ion:163 Resp: 272789

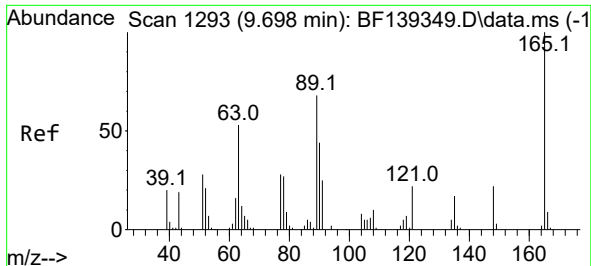
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.2 8.2 12.2

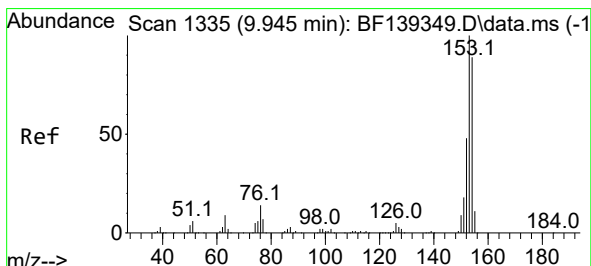
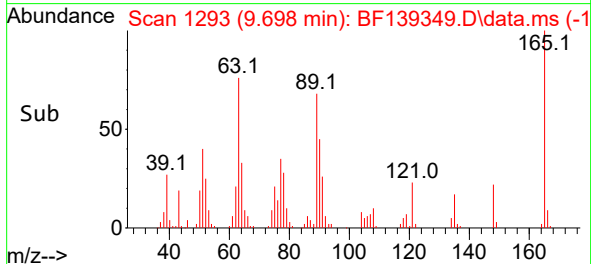
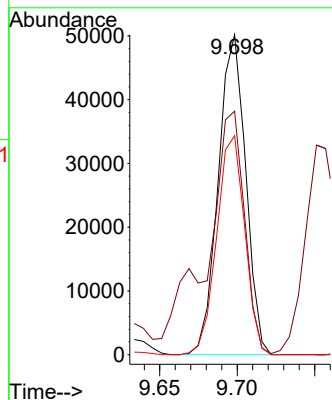
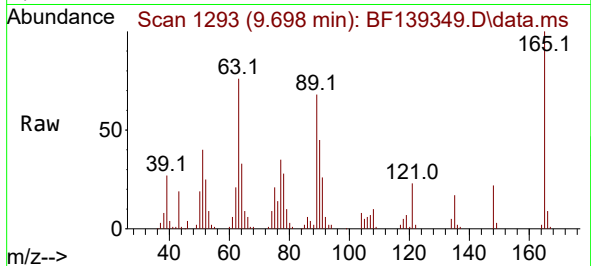




#51  
2,6-Dinitrotoluene  
Concen: 45.483 ng  
RT: 9.698 min Scan# 1293  
Delta R.T. 0.000 min  
Lab File: BF139349.D  
Acq: 13 Sep 2024 16:53

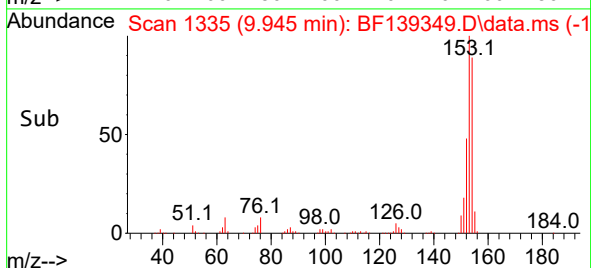
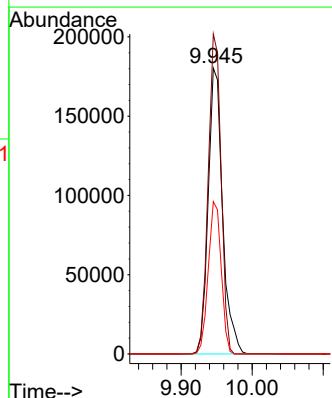
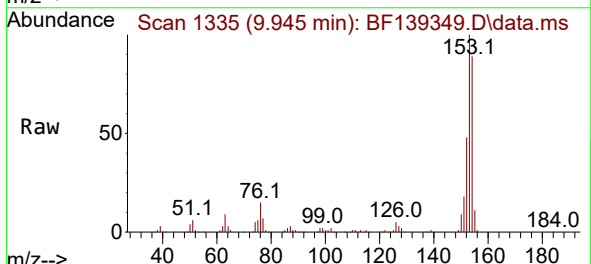
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

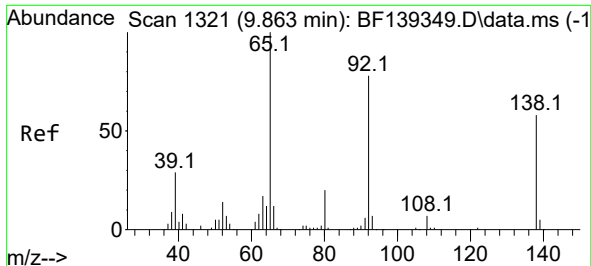
Tgt Ion:165 Resp: 61729  
Ion Ratio Lower Upper  
165 100  
63 76.1 60.9 91.3  
89 68.4 54.7 82.1



#52  
Acenaphthene  
Concen: 46.146 ng  
RT: 9.945 min Scan# 1335  
Delta R.T. 0.000 min  
Lab File: BF139349.D  
Acq: 13 Sep 2024 16:53

Tgt Ion:154 Resp: 254549  
Ion Ratio Lower Upper  
154 100  
153 111.9 89.5 134.3  
152 53.3 42.6 64.0

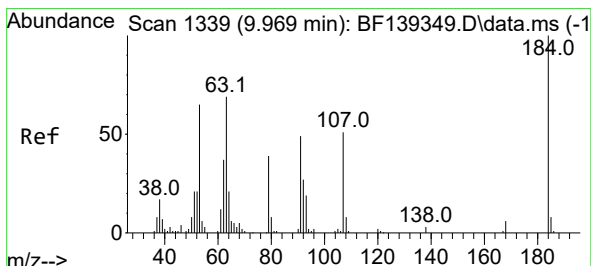
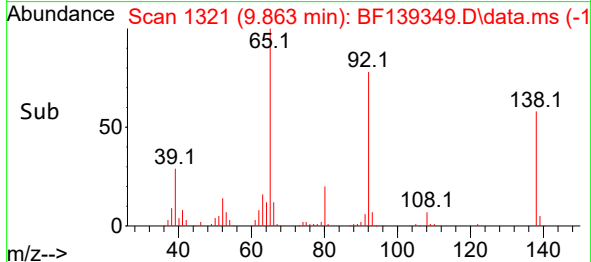
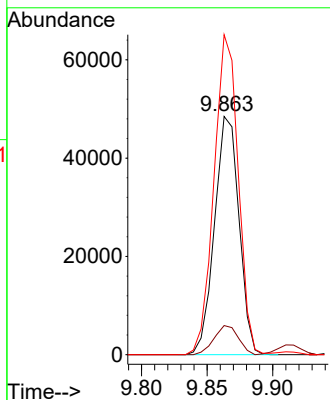
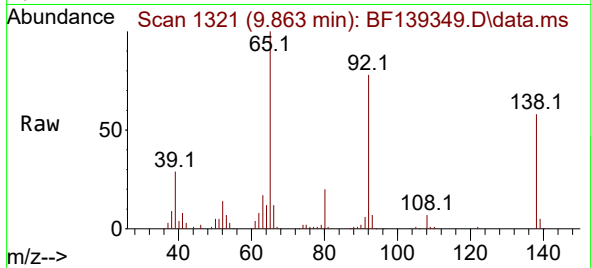




#53  
3-Nitroaniline  
Concen: 43.492 ng  
RT: 9.863 min Scan# 1321  
Delta R.T. 0.000 min  
Lab File: BF139349.D  
Acq: 13 Sep 2024 16:53

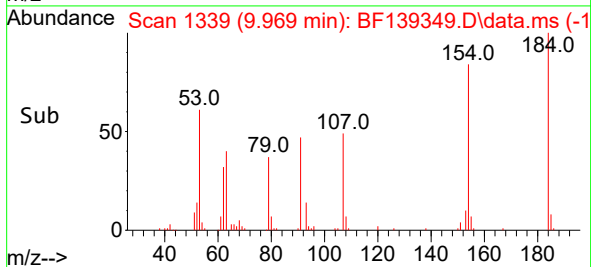
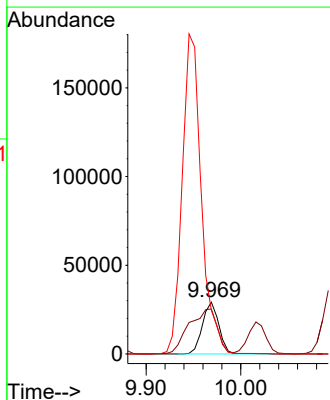
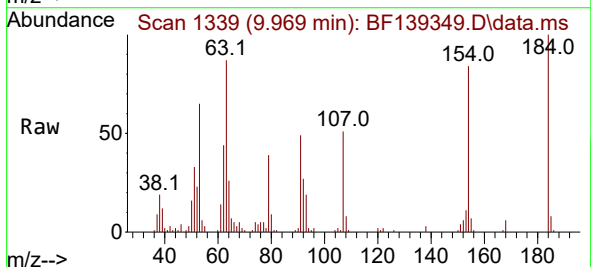
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

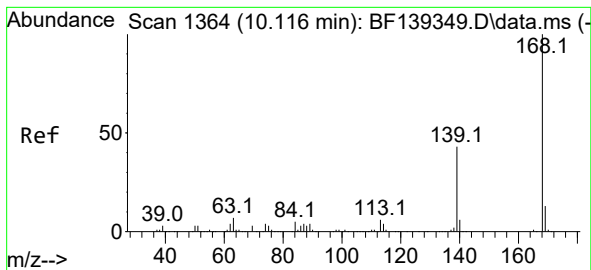
Tgt Ion:138 Resp: 62889  
Ion Ratio Lower Upper  
138 100  
108 12.3 9.8 14.8  
92 134.3 107.4 161.2



#54  
2,4-Dinitrophenol  
Concen: 60.625 ng  
RT: 9.969 min Scan# 1339  
Delta R.T. 0.000 min  
Lab File: BF139349.D  
Acq: 13 Sep 2024 16:53

Tgt Ion:184 Resp: 35233  
Ion Ratio Lower Upper  
184 100  
63 86.6 69.3 103.9  
154 84.4 67.5 101.3





#55

Dibenzenofuran

Concen: 44.435 ng

RT: 10.116 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

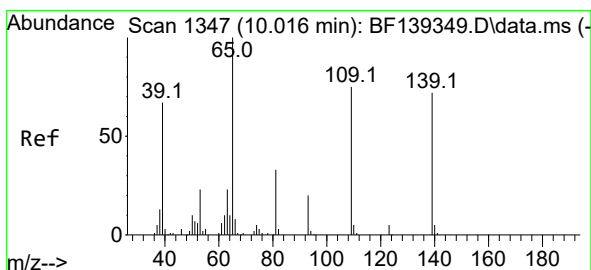
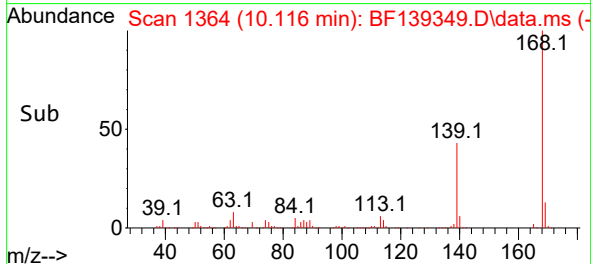
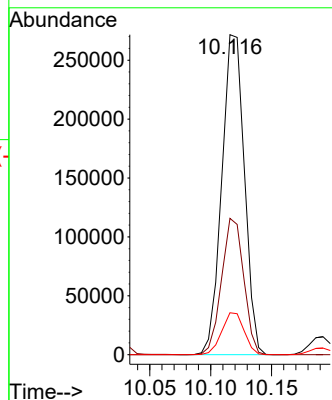
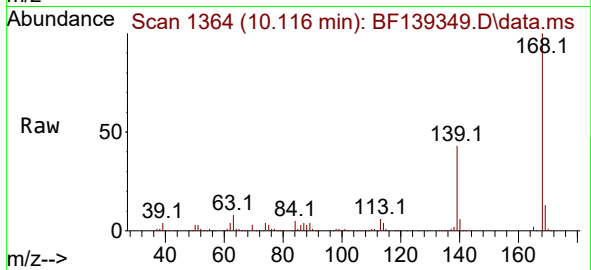
Tgt Ion:168 Resp: 351419

Ion Ratio Lower Upper

168 100

139 42.6 34.1 51.1

169 13.1 10.5 15.7



#56

4-Nitrophenol

Concen: 48.904 ng

RT: 10.016 min Scan# 1347

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

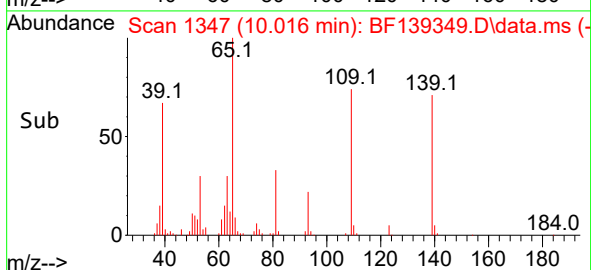
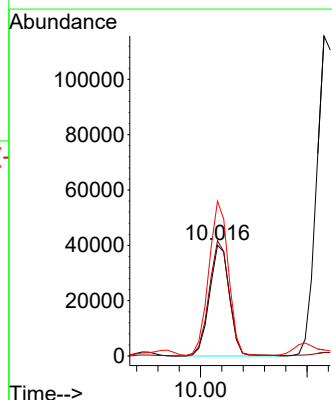
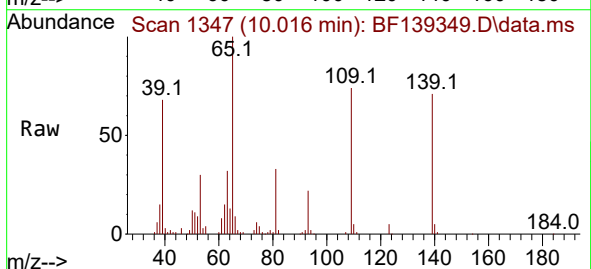
Tgt Ion:139 Resp: 52194

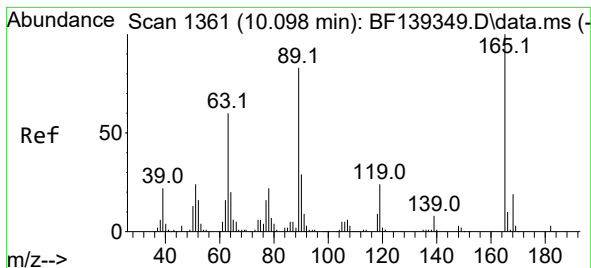
Ion Ratio Lower Upper

139 100

109 104.1 84.1 124.1

65 140.0 120.0 160.0

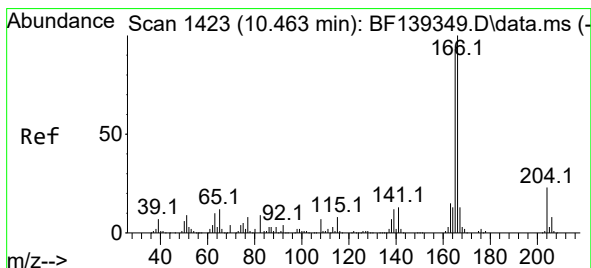
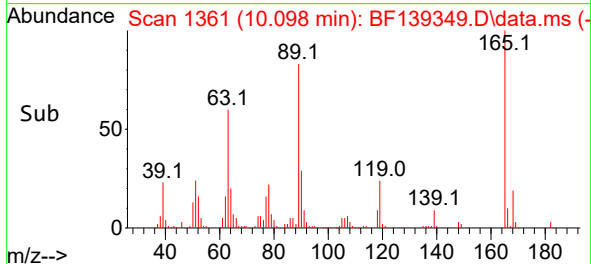
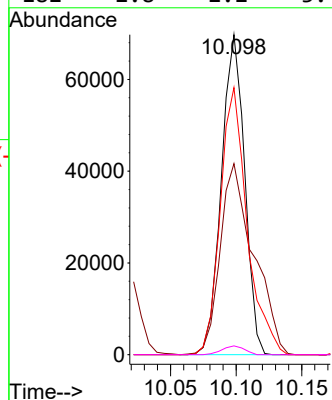
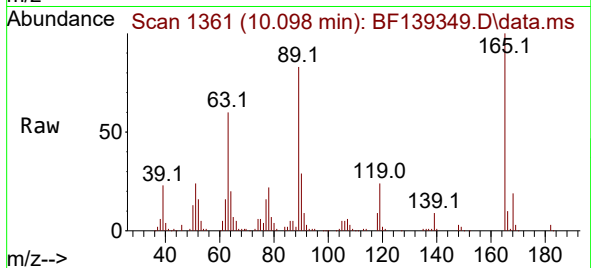




#57  
2,4-Dinitrotoluene  
Concen: 49.629 ng  
RT: 10.098 min Scan# 1361  
Delta R.T. 0.000 min  
Lab File: BF139349.D  
Acq: 13 Sep 2024 16:53

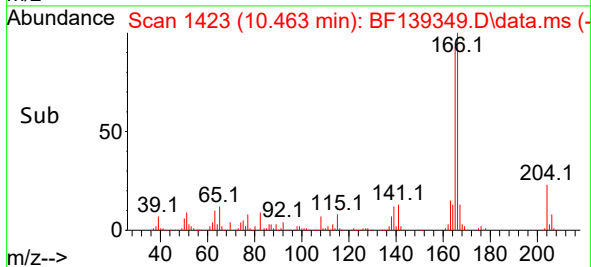
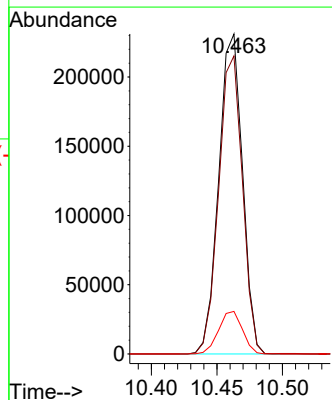
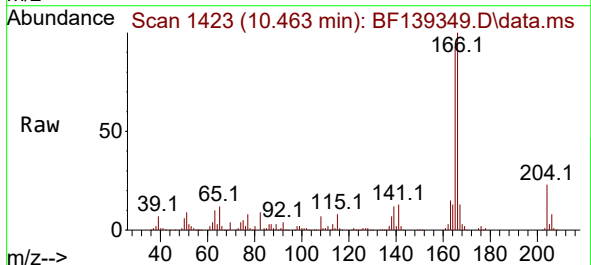
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

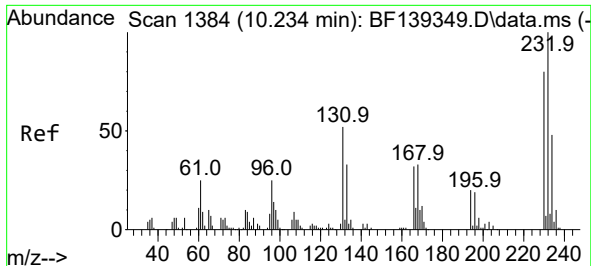
Tgt Ion:165 Resp: 85730  
Ion Ratio Lower Upper  
165 100  
63 59.7 47.8 71.6  
89 83.4 66.7 100.1  
182 2.8 2.2 3.4



#58  
Fluorene  
Concen: 47.395 ng  
RT: 10.463 min Scan# 1423  
Delta R.T. 0.000 min  
Lab File: BF139349.D  
Acq: 13 Sep 2024 16:53

Tgt Ion:166 Resp: 290609  
Ion Ratio Lower Upper  
166 100  
165 93.1 74.5 111.7  
167 13.3 10.6 16.0

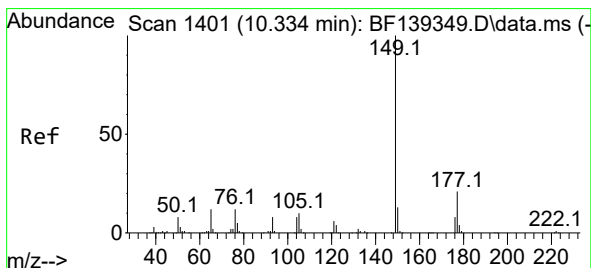
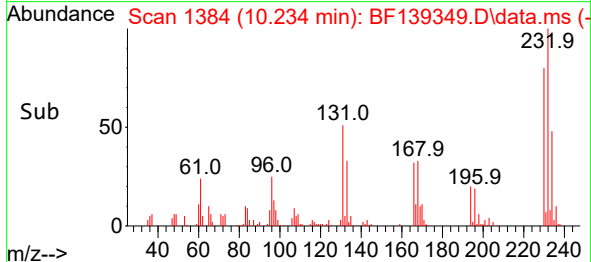
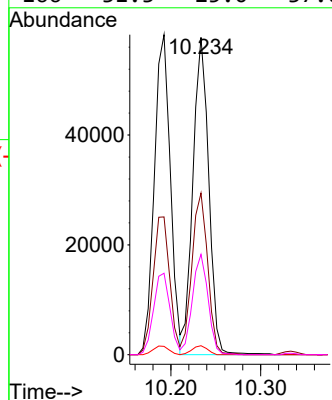
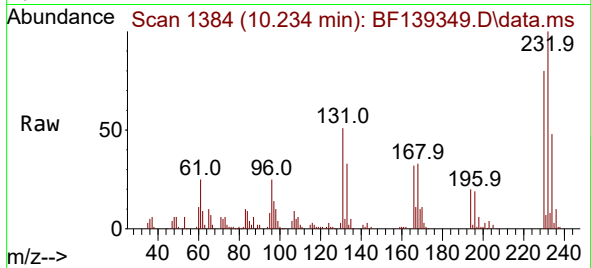




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 47.051 ng  
RT: 10.234 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF139349.D  
Acq: 13 Sep 2024 16:53

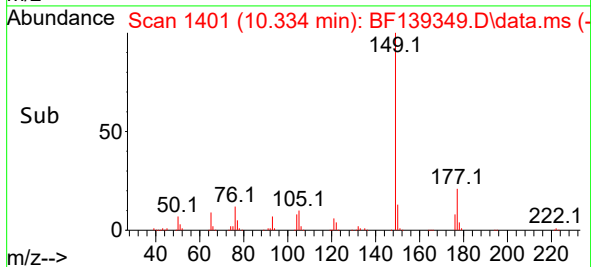
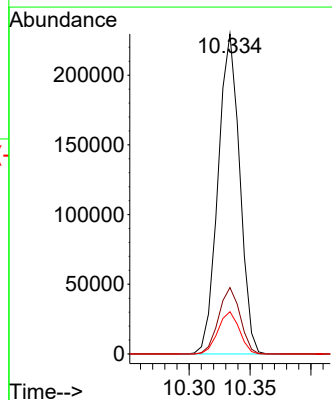
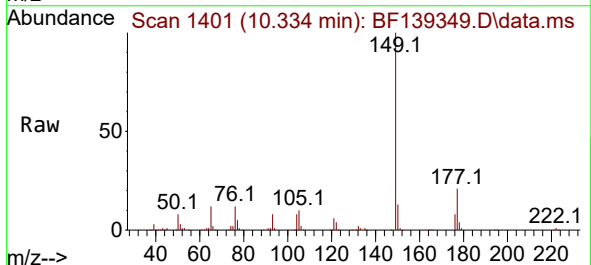
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

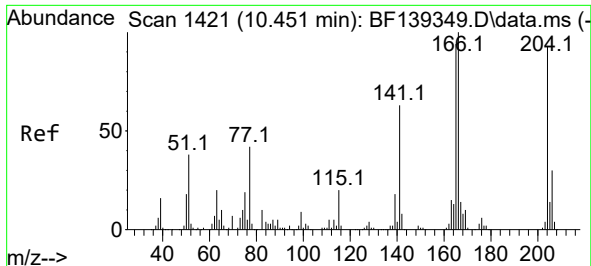
Tgt Ion:232 Resp: 70914  
Ion Ratio Lower Upper  
232 100  
131 50.9 40.7 61.1  
130 2.7 2.2 3.2  
166 31.3 25.0 37.6



#60  
Diethylphthalate  
Concen: 48.283 ng  
RT: 10.334 min Scan# 1401  
Delta R.T. 0.000 min  
Lab File: BF139349.D  
Acq: 13 Sep 2024 16:53

Tgt Ion:149 Resp: 284254  
Ion Ratio Lower Upper  
149 100  
177 20.7 16.6 24.8  
150 13.2 10.6 15.8

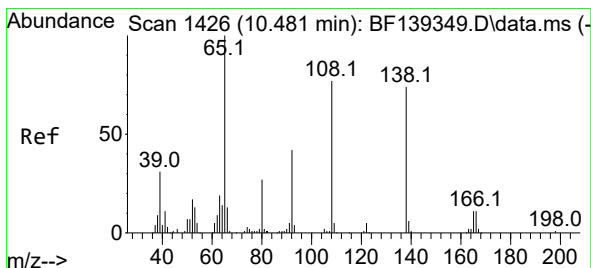
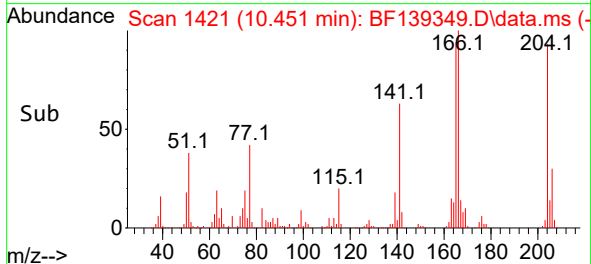
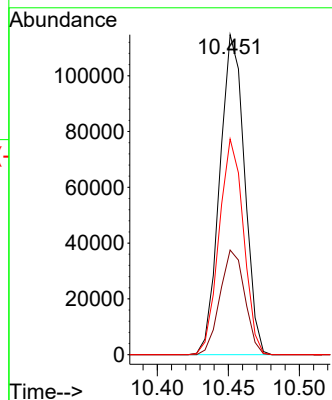
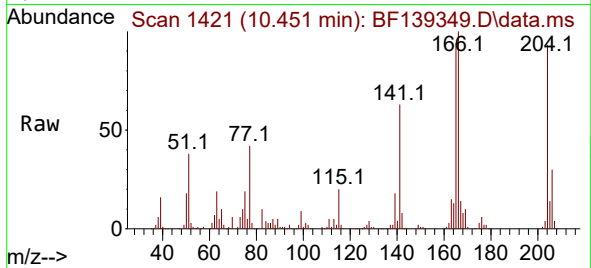




#61  
4-Chlorophenyl-phenylether  
Concen: 47.037 ng  
RT: 10.451 min Scan# 1421  
Delta R.T. 0.000 min  
Lab File: BF139349.D  
Acq: 13 Sep 2024 16:53

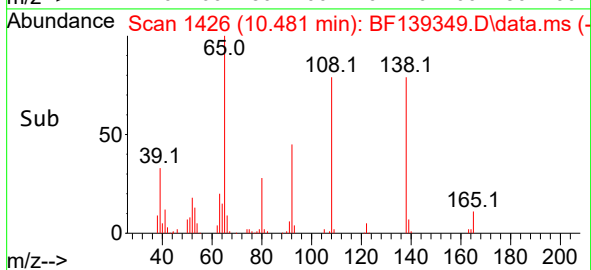
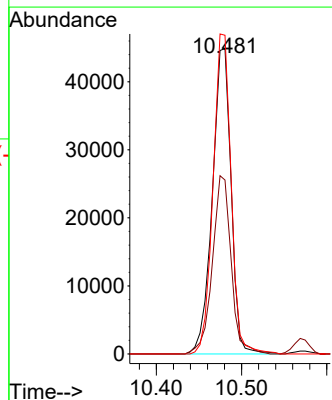
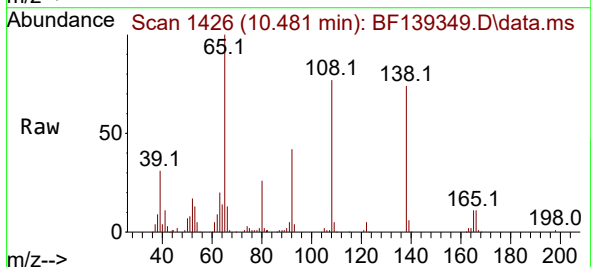
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

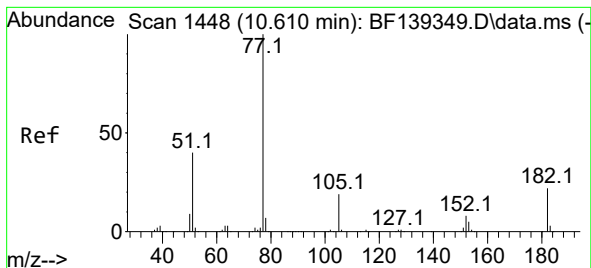
Tgt Ion:204 Resp: 139089  
Ion Ratio Lower Upper  
204 100  
206 32.7 26.2 39.2  
141 67.4 53.9 80.9



#62  
4-Nitroaniline  
Concen: 49.885 ng  
RT: 10.481 min Scan# 1426  
Delta R.T. 0.000 min  
Lab File: BF139349.D  
Acq: 13 Sep 2024 16:53

Tgt Ion:138 Resp: 68663  
Ion Ratio Lower Upper  
138 100  
92 57.0 37.0 77.0  
108 104.4 84.4 124.4





#63

Azobenzene

Concen: 45.262 ng

RT: 10.610 min Scan# 1448

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 77 Resp: 280849

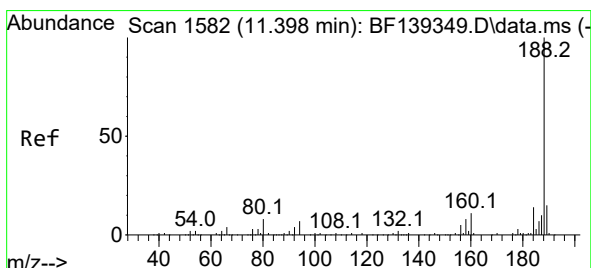
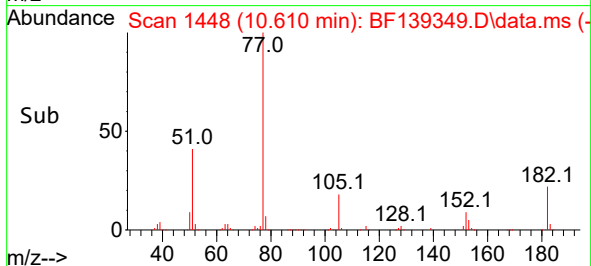
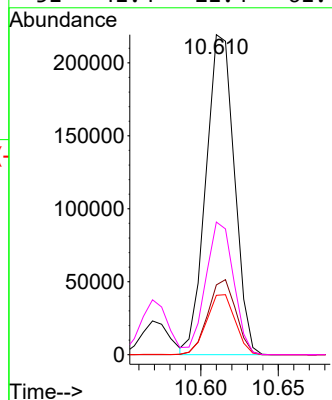
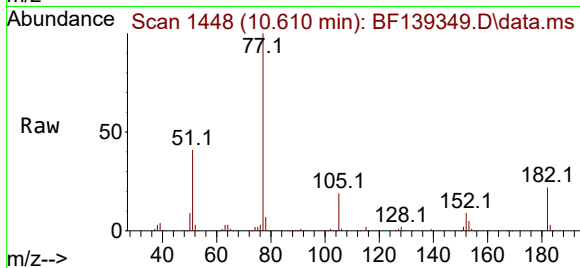
Ion Ratio Lower Upper

77 100

182 21.8 1.8 41.8

105 18.6 0.0 38.6

51 41.4 21.4 61.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

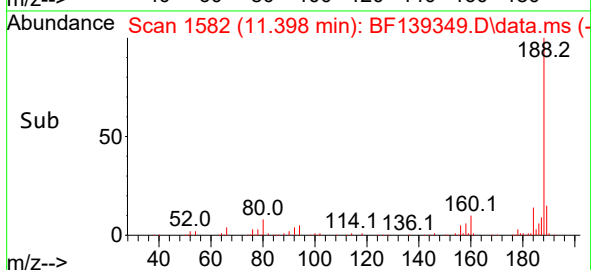
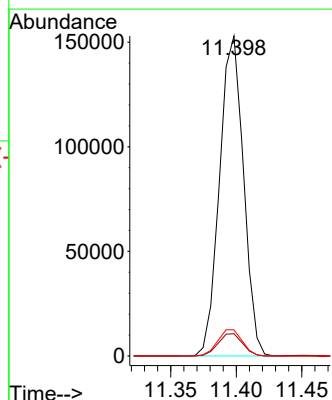
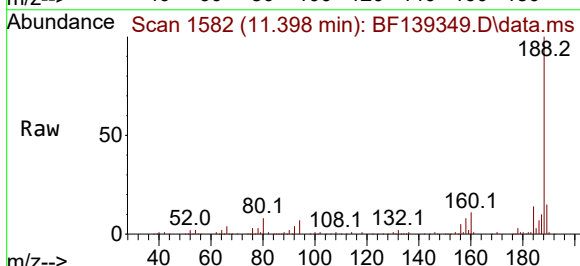
Tgt Ion: 188 Resp: 194097

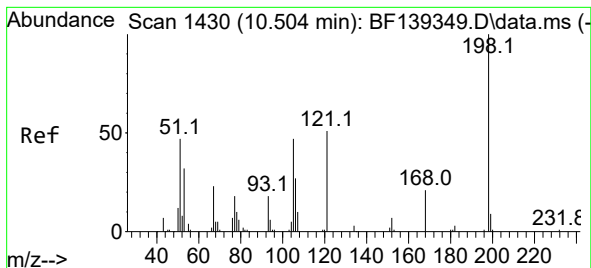
Ion Ratio Lower Upper

188 100

94 6.9 5.5 8.3

80 8.2 6.6 9.8

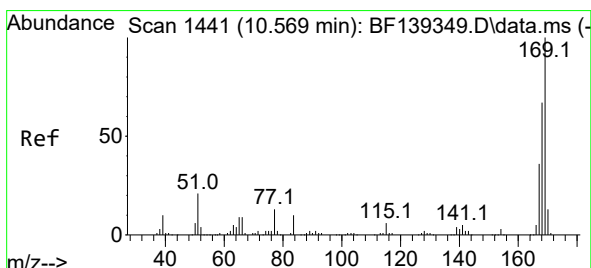
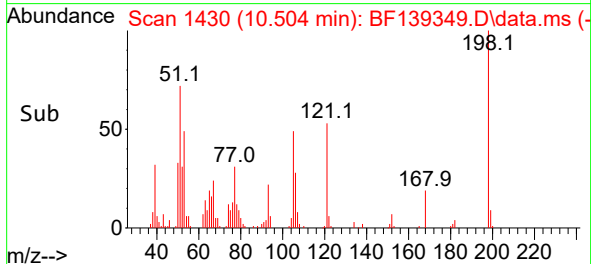
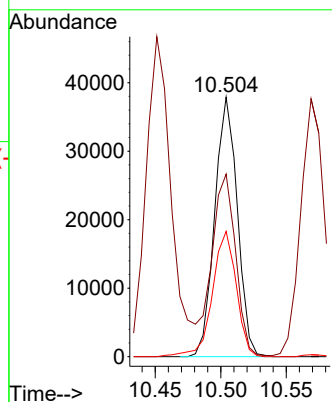
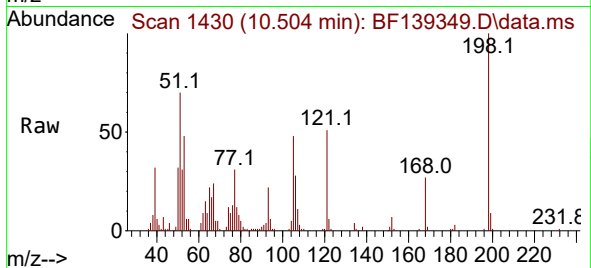




#65  
4,6-Dinitro-2-methylphenol  
Concen: 50.489 ng  
RT: 10.504 min Scan# 1430  
Delta R.T. 0.000 min  
Lab File: BF139349.D  
Acq: 13 Sep 2024 16:53

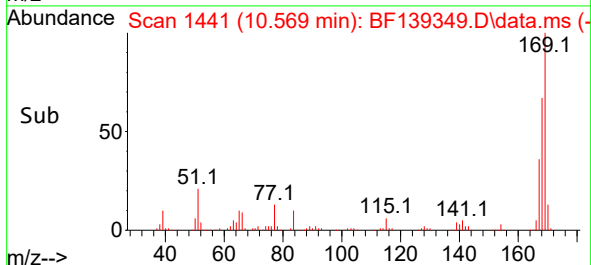
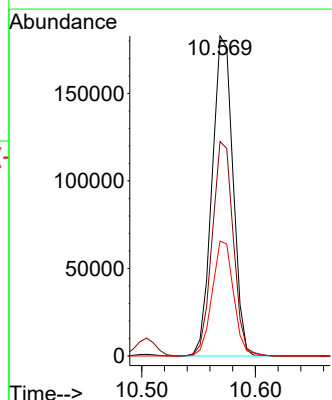
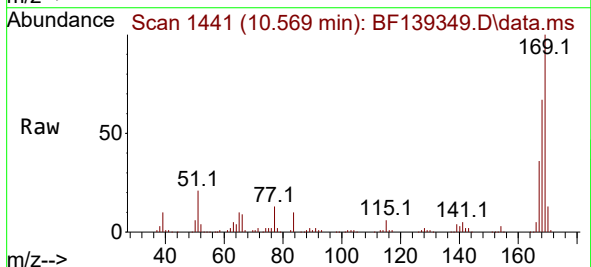
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

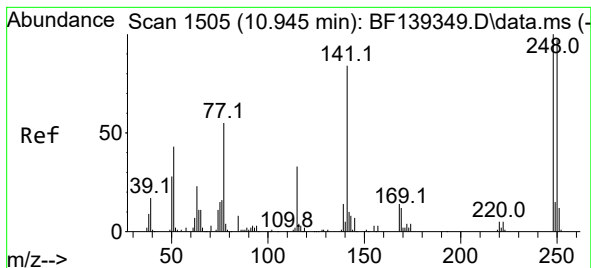
Tgt Ion:198 Resp: 45281  
Ion Ratio Lower Upper  
198 100  
51 70.4 50.4 90.4  
105 48.3 28.3 68.3



#66  
n-Nitrosodiphenylamine  
Concen: 41.289 ng  
RT: 10.569 min Scan# 1441  
Delta R.T. 0.000 min  
Lab File: BF139349.D  
Acq: 13 Sep 2024 16:53

Tgt Ion:169 Resp: 233278  
Ion Ratio Lower Upper  
169 100  
168 67.0 53.6 80.4  
167 35.9 28.7 43.1

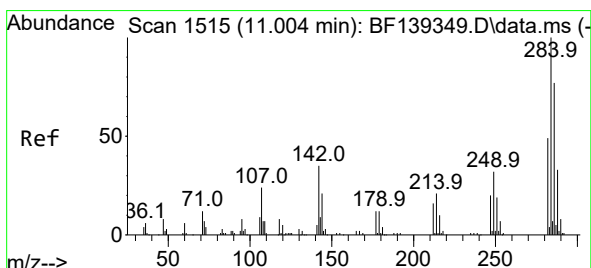
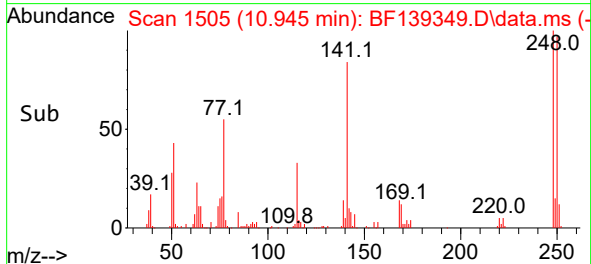
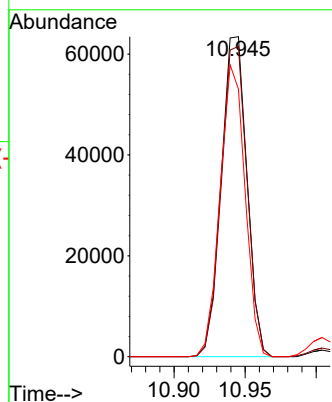
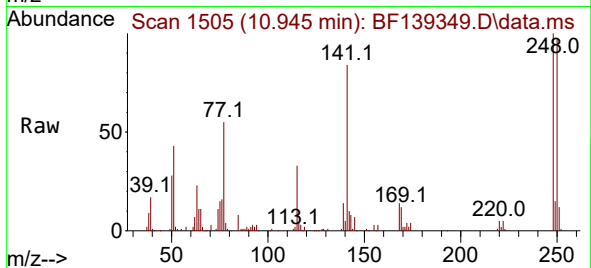




#67  
4-Bromophenyl-phenylether  
Concen: 42.574 ng  
RT: 10.945 min Scan# 1505  
Delta R.T. 0.000 min  
Lab File: BF139349.D  
Acq: 13 Sep 2024 16:53

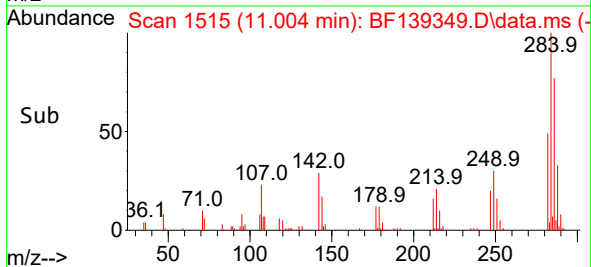
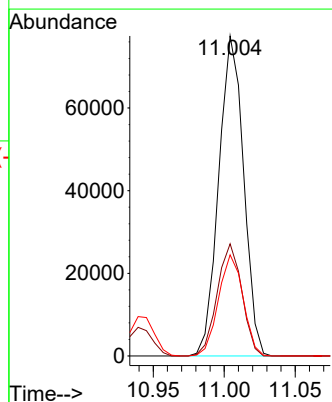
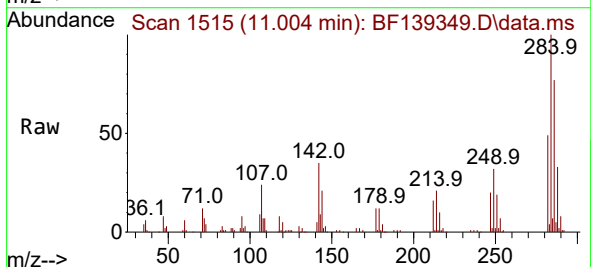
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

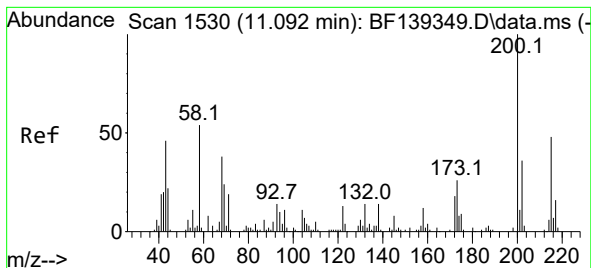
Tgt Ion:248 Resp: 80176  
Ion Ratio Lower Upper  
248 100  
250 97.0 77.6 116.4  
141 83.6 66.9 100.3



#68  
Hexachlorobenzene  
Concen: 43.730 ng  
RT: 11.004 min Scan# 1515  
Delta R.T. 0.000 min  
Lab File: BF139349.D  
Acq: 13 Sep 2024 16:53

Tgt Ion:284 Resp: 94276  
Ion Ratio Lower Upper  
284 100  
142 35.0 28.0 42.0  
249 31.6 25.3 37.9





#69

Atrazine

Concen: 36.119 ng

RT: 11.092 min Scan# 1530

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

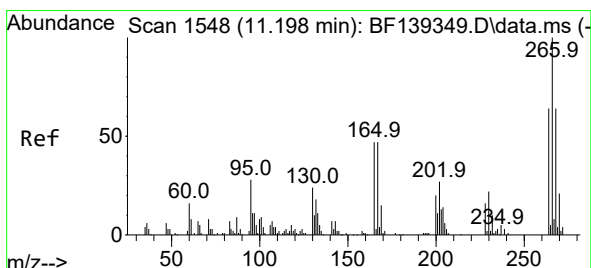
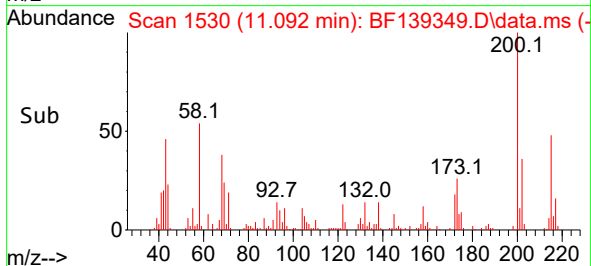
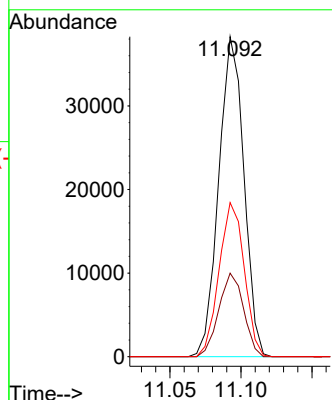
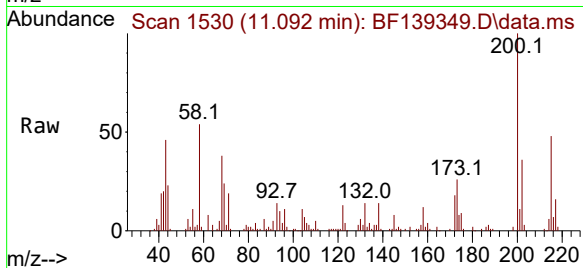
Tgt Ion:200 Resp: 47081

Ion Ratio Lower Upper

200 100

173 26.1 6.1 46.1

215 48.2 28.2 68.2



#70

Pentachlorophenol

Concen: 46.813 ng

RT: 11.198 min Scan# 1548

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

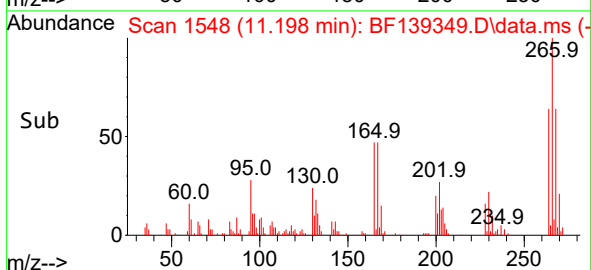
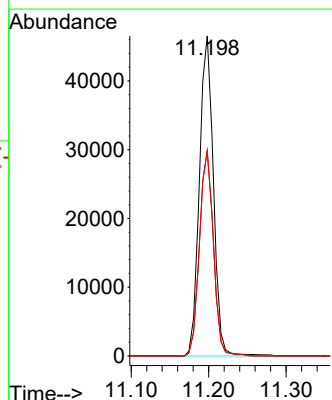
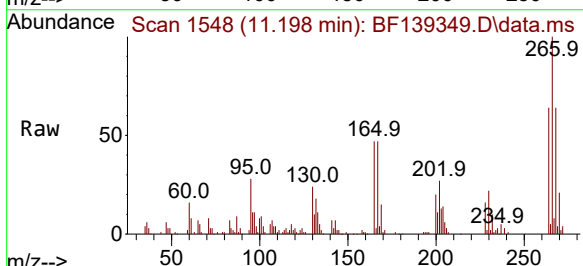
Tgt Ion:266 Resp: 58297

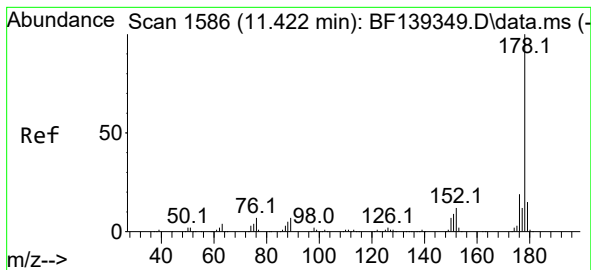
Ion Ratio Lower Upper

266 100

268 63.9 51.1 76.7

264 64.2 51.4 77.0





#71

Phenanthrene

Concen: 42.974 ng

RT: 11.422 min Scan# 1586

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

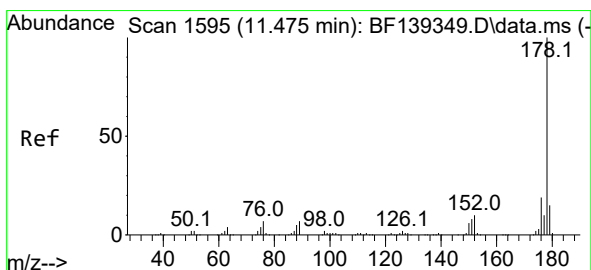
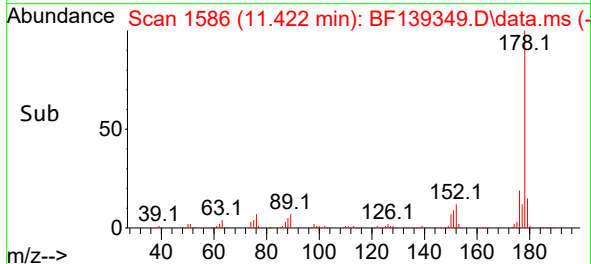
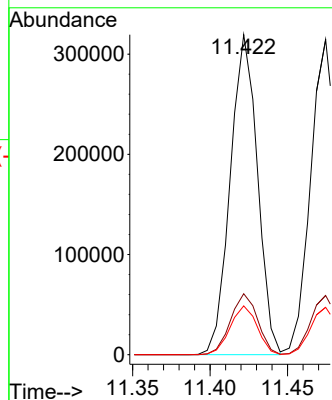
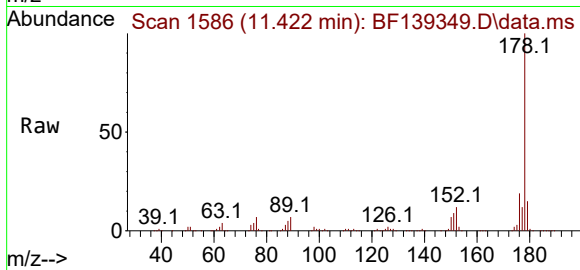
Tgt Ion:178 Resp: 389660

Ion Ratio Lower Upper

178 100

176 19.0 15.2 22.8

179 15.3 12.2 18.4



#72

Anthracene

Concen: 43.252 ng

RT: 11.475 min Scan# 1595

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

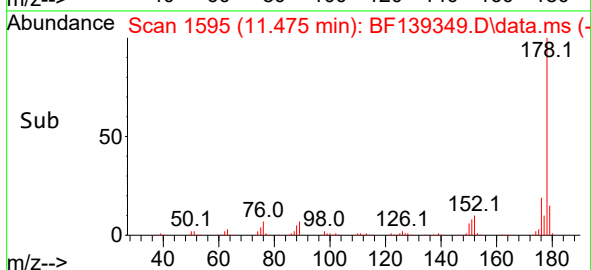
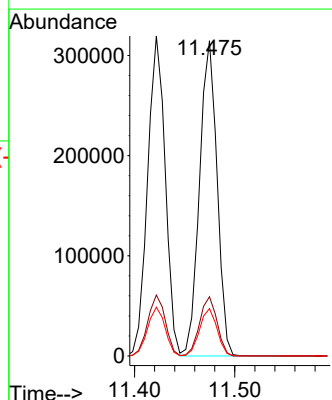
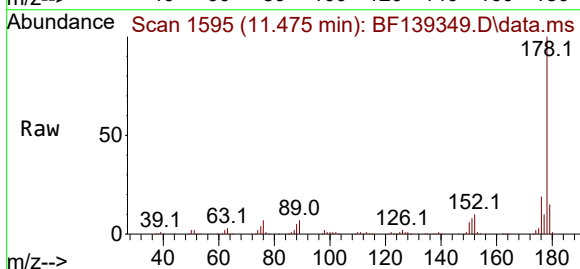
Tgt Ion:178 Resp: 383110

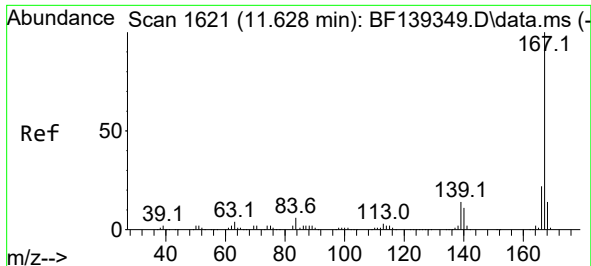
Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.6

179 15.0 12.0 18.0

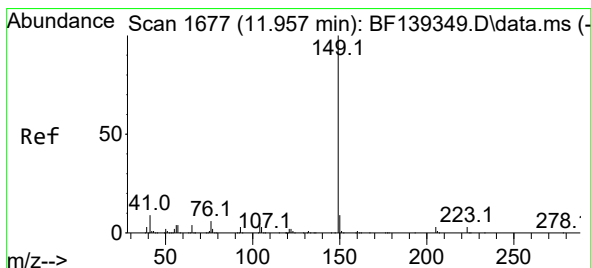
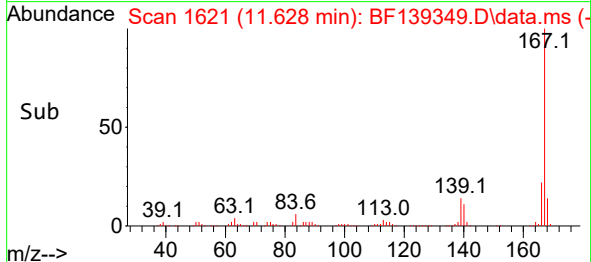
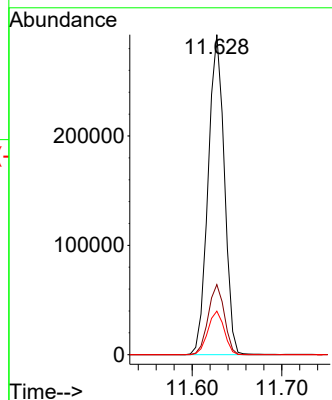
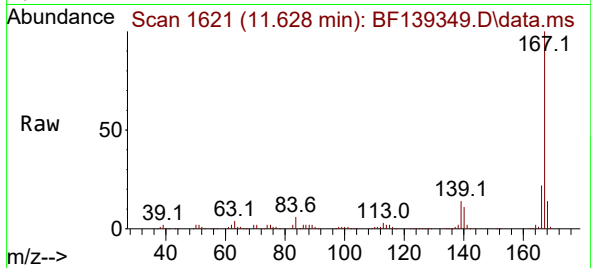




#73  
 Carbazole  
 Concen: 44.344 ng  
 RT: 11.628 min Scan# 1621  
 Delta R.T. 0.000 min  
 Lab File: BF139349.D  
 Acq: 13 Sep 2024 16:53

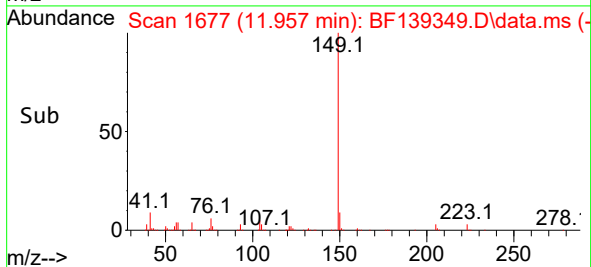
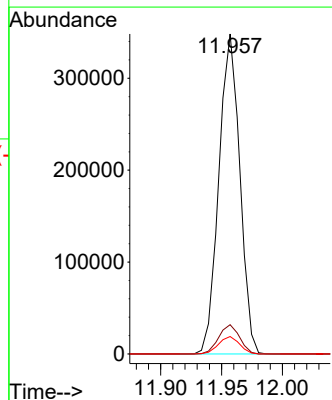
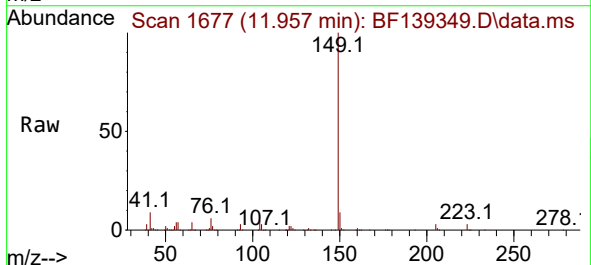
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC040

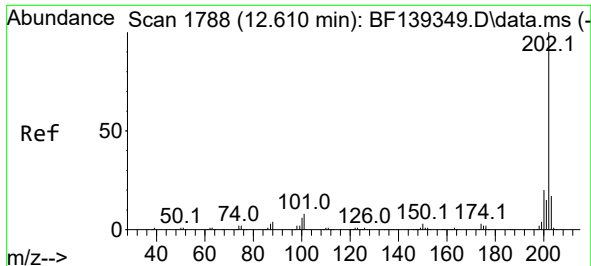
Tgt Ion:167 Resp: 367107  
 Ion Ratio Lower Upper  
 167 100  
 166 21.9 17.5 26.3  
 139 13.6 10.9 16.3



#74  
 Di-n-butylphthalate  
 Concen: 49.242 ng  
 RT: 11.957 min Scan# 1677  
 Delta R.T. 0.000 min  
 Lab File: BF139349.D  
 Acq: 13 Sep 2024 16:53

Tgt Ion:149 Resp: 417404  
 Ion Ratio Lower Upper  
 149 100  
 150 9.1 7.3 10.9  
 104 5.4 4.3 6.5

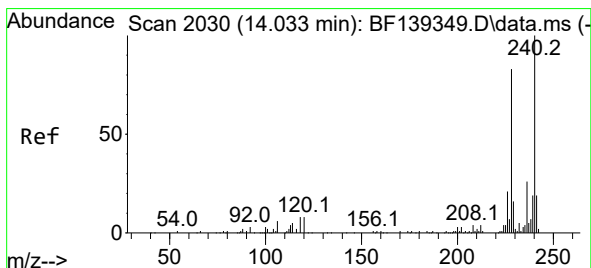
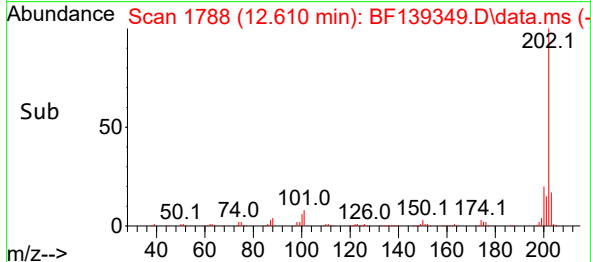
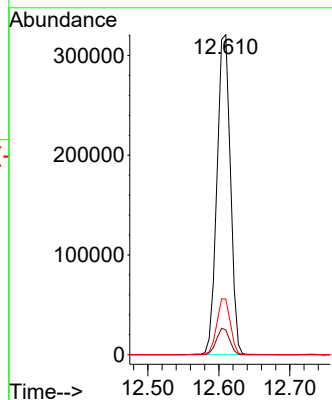
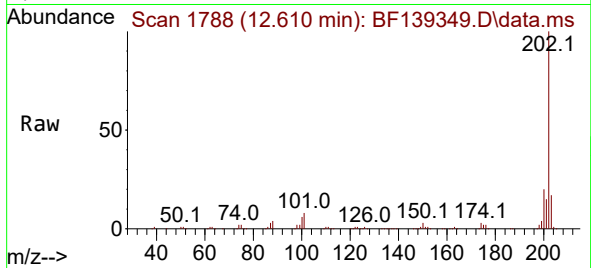




#75  
Fluoranthene  
Concen: 46.325 ng  
RT: 12.610 min Scan# 1788  
Delta R.T. 0.000 min  
Lab File: BF139349.D  
Acq: 13 Sep 2024 16:53

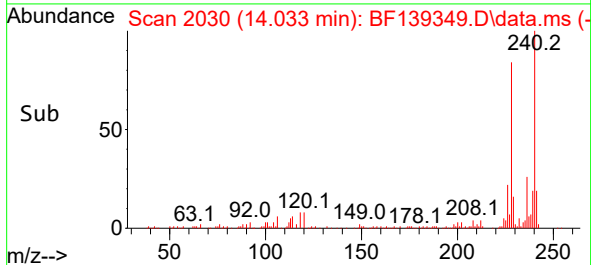
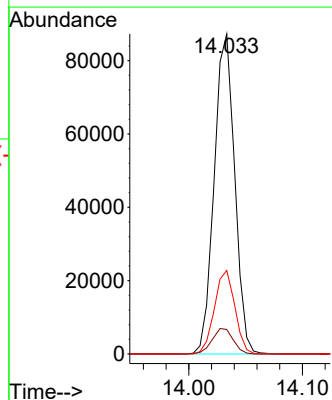
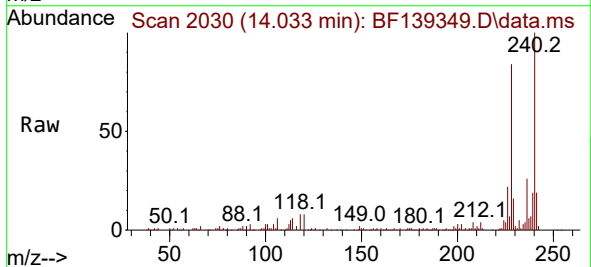
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

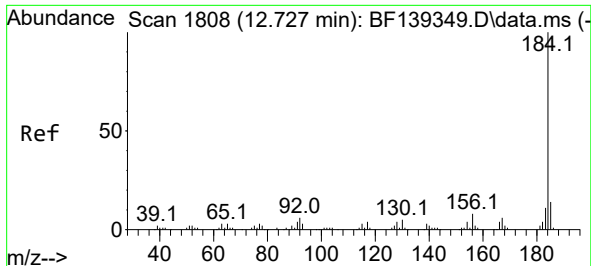
Tgt Ion:202 Resp: 421114  
Ion Ratio Lower Upper  
202 100  
101 7.7 0.0 27.7  
203 17.4 0.0 37.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.033 min Scan# 2030  
Delta R.T. 0.000 min  
Lab File: BF139349.D  
Acq: 13 Sep 2024 16:53

Tgt Ion:240 Resp: 109489  
Ion Ratio Lower Upper  
240 100  
120 7.7 6.2 9.2  
236 26.1 20.9 31.3

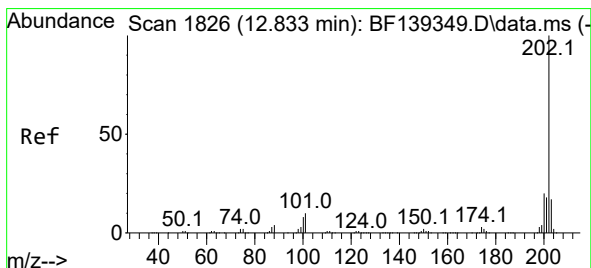
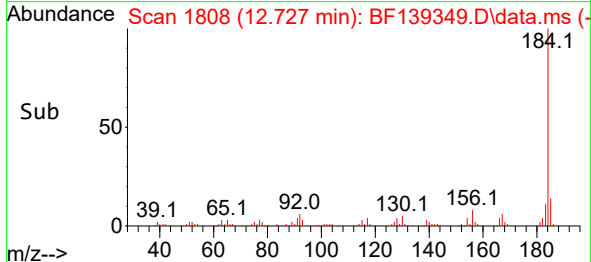
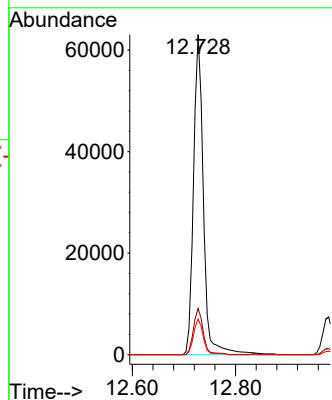
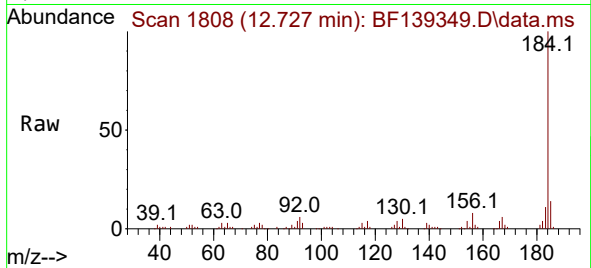




#77  
Benzidine  
Concen: 38.138 ng  
RT: 12.727 min Scan# 1808  
Delta R.T. 0.000 min  
Lab File: BF139349.D  
Acq: 13 Sep 2024 16:53

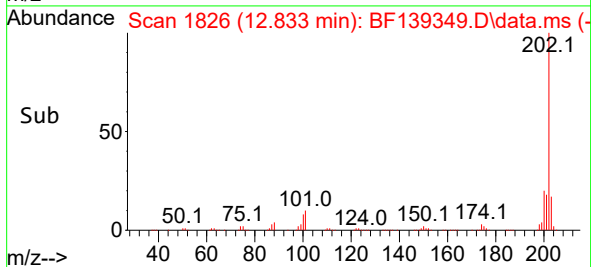
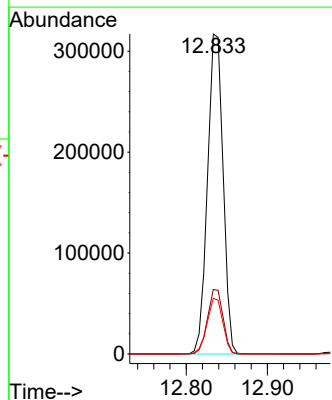
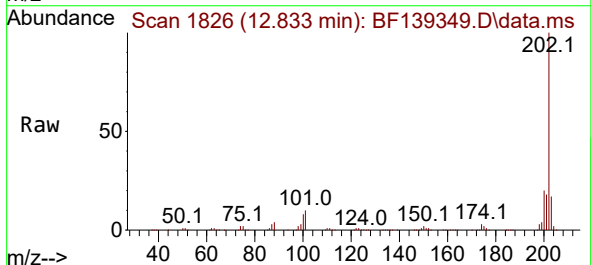
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

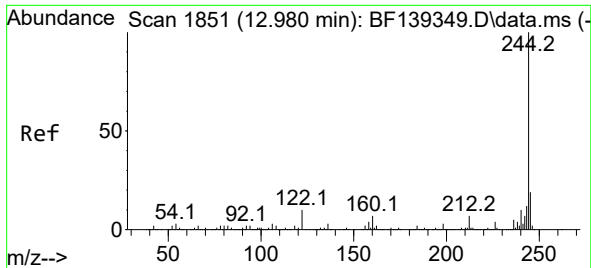
Tgt Ion:184 Resp: 84080  
Ion Ratio Lower Upper  
184 100  
185 14.4 11.5 17.3  
183 11.1 8.9 13.3



#78  
Pyrene  
Concen: 39.824 ng  
RT: 12.833 min Scan# 1826  
Delta R.T. 0.000 min  
Lab File: BF139349.D  
Acq: 13 Sep 2024 16:53

Tgt Ion:202 Resp: 421208  
Ion Ratio Lower Upper  
202 100  
200 20.2 16.2 24.2  
203 17.4 13.9 20.9

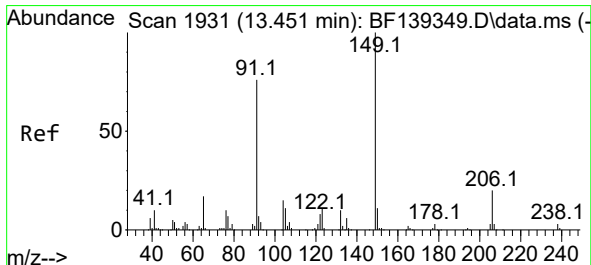
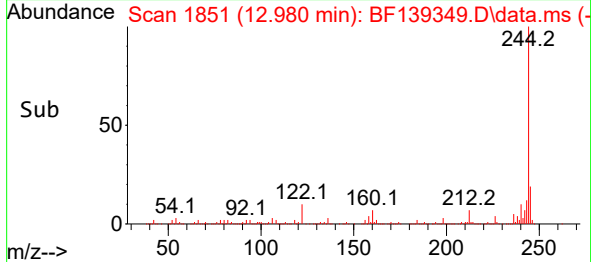
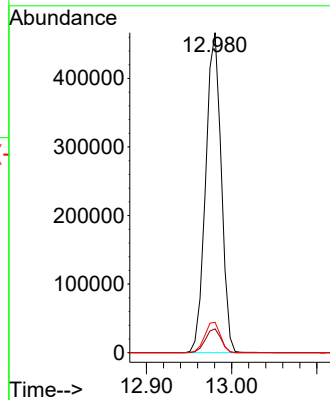
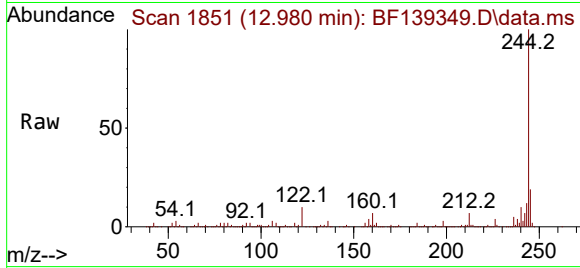




#79  
 Terphenyl-d14  
 Concen: 87.121 ng  
 RT: 12.980 min Scan# 1851  
 Delta R.T. 0.000 min  
 Lab File: BF139349.D  
 Acq: 13 Sep 2024 16:53

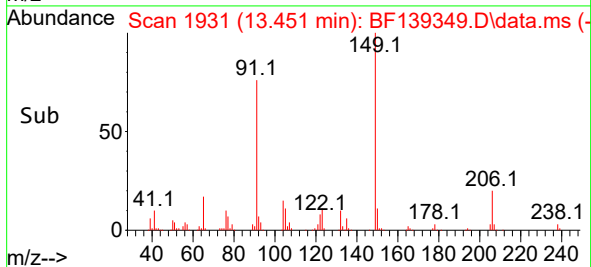
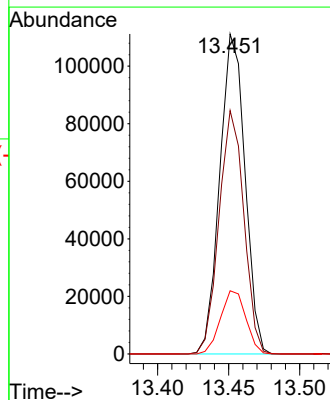
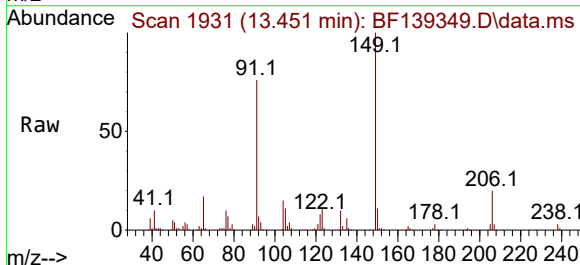
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICCC040

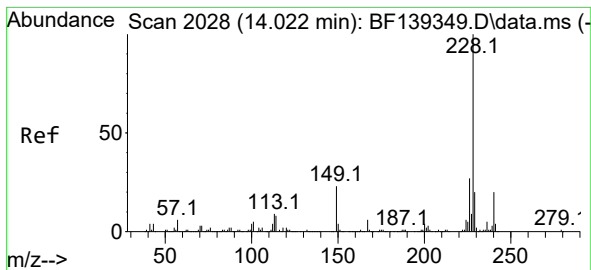
Tgt Ion:244 Resp: 590790  
 Ion Ratio Lower Upper  
 244 100  
 212 7.5 6.0 9.0  
 122 9.5 7.6 11.4



#80  
 Butylbenzylphthalate  
 Concen: 55.148 ng  
 RT: 13.451 min Scan# 1931  
 Delta R.T. 0.000 min  
 Lab File: BF139349.D  
 Acq: 13 Sep 2024 16:53

Tgt Ion:149 Resp: 137311  
 Ion Ratio Lower Upper  
 149 100  
 91 76.1 60.9 91.3  
 206 19.8 15.8 23.8





#81

Benzo(a)anthracene

Concen: 42.529 ng

RT: 14.022 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

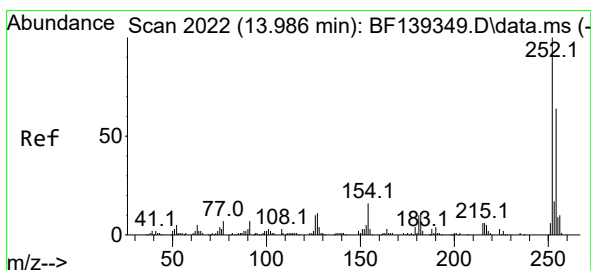
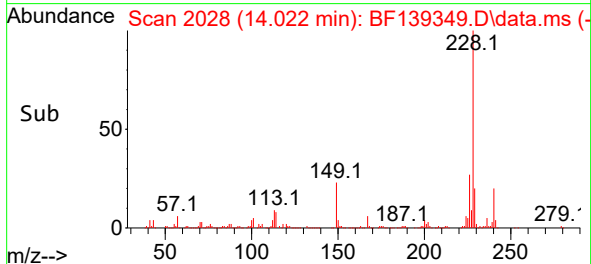
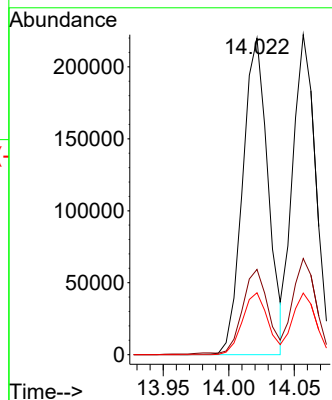
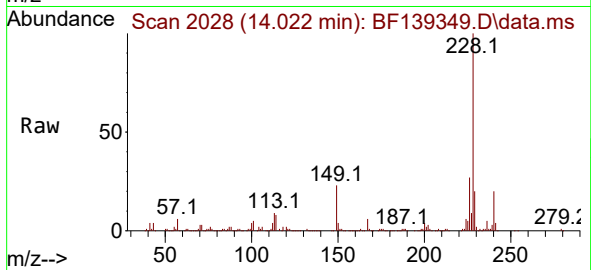
Tgt Ion:228 Resp: 297337

Ion Ratio Lower Upper

228 100

226 27.0 21.6 32.4

229 19.6 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 44.120 ng

RT: 13.986 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

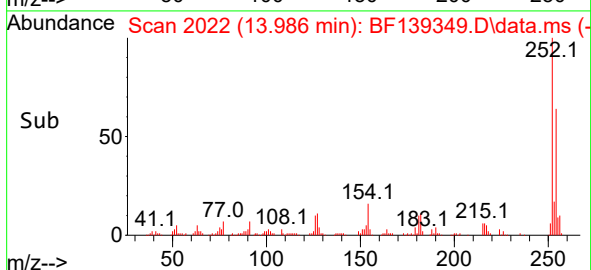
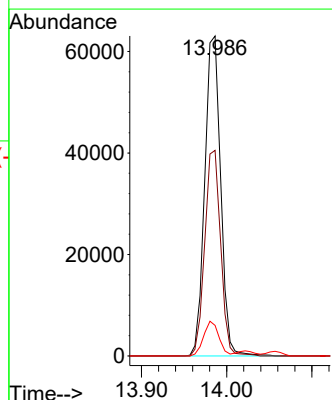
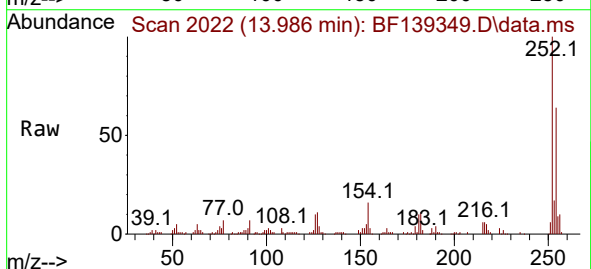
Tgt Ion:252 Resp: 81918

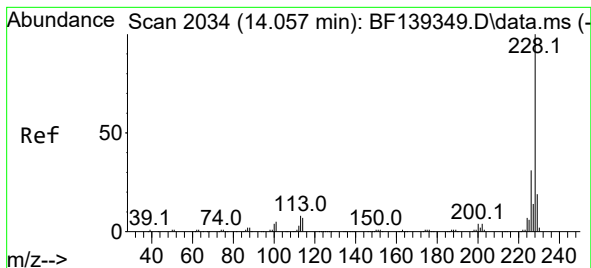
Ion Ratio Lower Upper

252 100

254 64.3 51.4 77.2

126 9.6 7.7 11.5





#83

Chrysene

Concen: 41.408 ng

RT: 14.057 min Scan# 2034

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

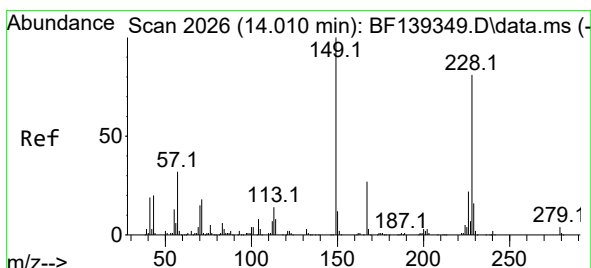
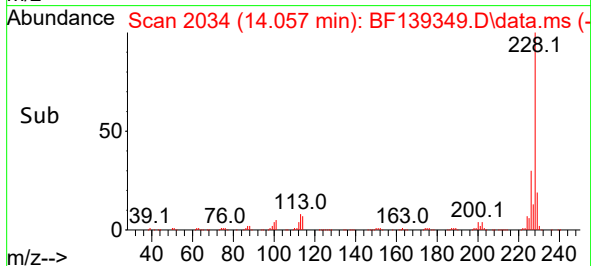
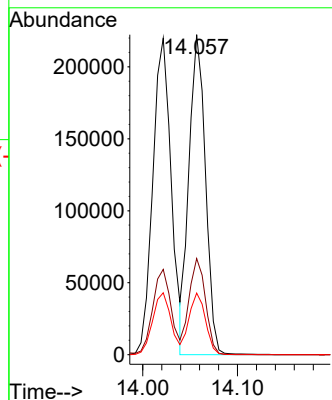
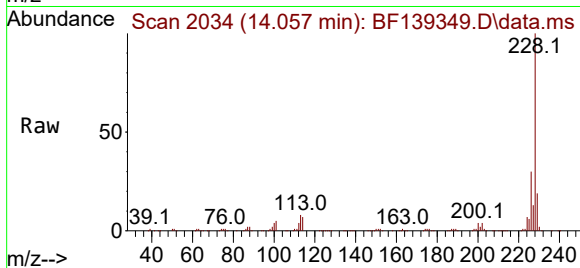
Tgt Ion:228 Resp: 270196

Ion Ratio Lower Upper

228 100

226 30.1 24.1 36.1

229 19.2 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.267 ng

RT: 14.010 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

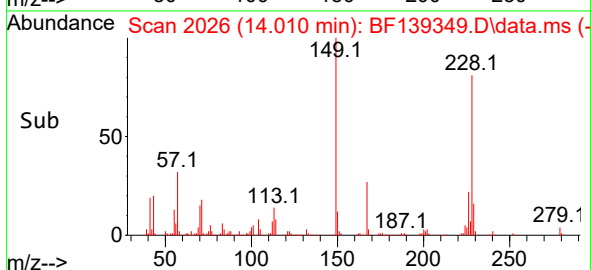
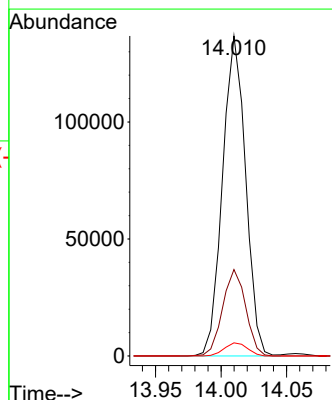
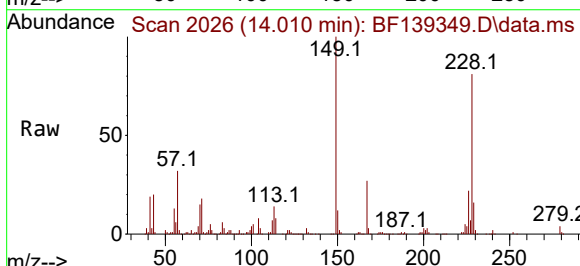
Tgt Ion:149 Resp: 167358

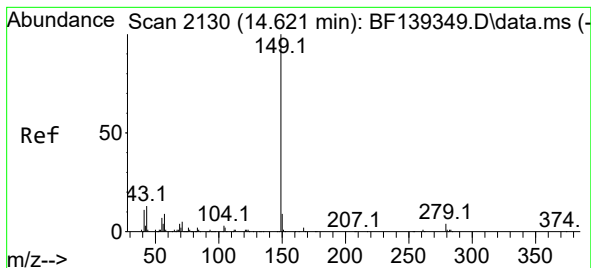
Ion Ratio Lower Upper

149 100

167 27.0 21.6 32.4

279 4.1 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 44.204 ng

RT: 14.621 min Scan# 2130

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

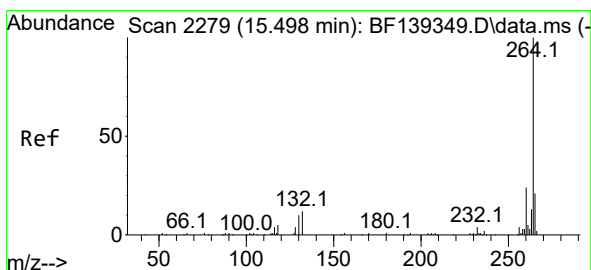
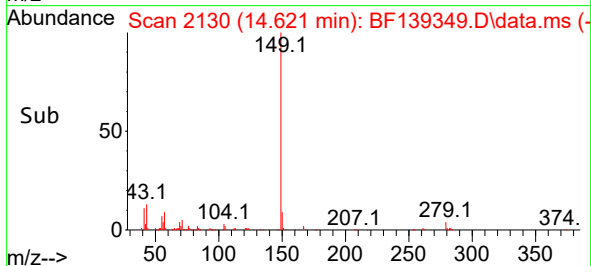
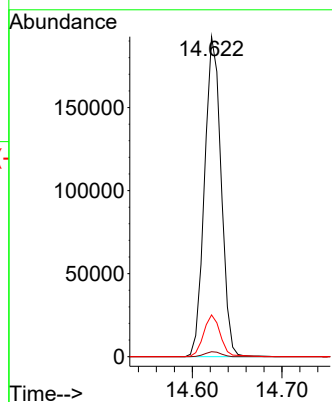
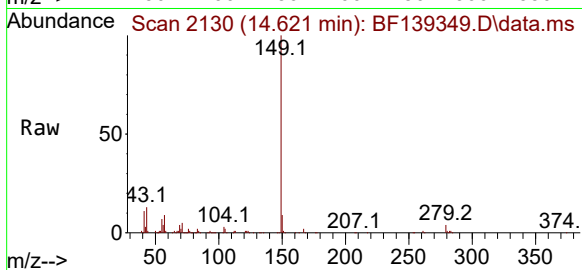
Tgt Ion:149 Resp: 247331

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 13.3 10.6 16.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2279

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

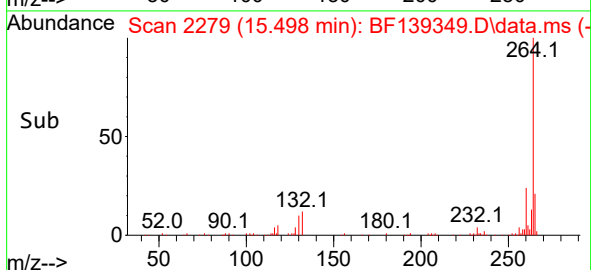
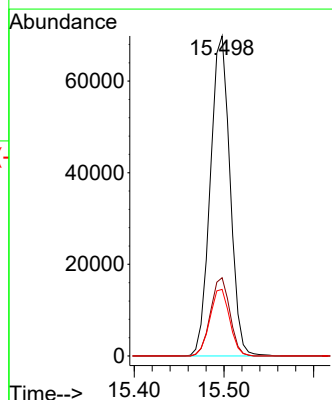
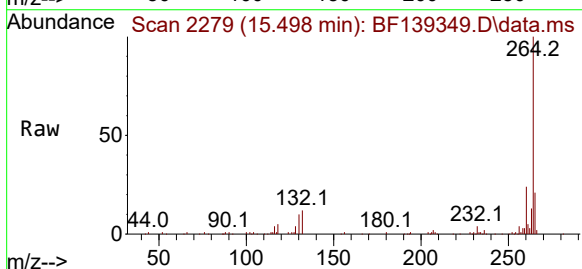
Tgt Ion:264 Resp: 106513

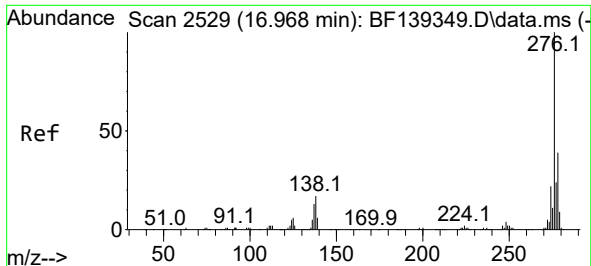
Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

265 20.8 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.643 ng

RT: 16.968 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

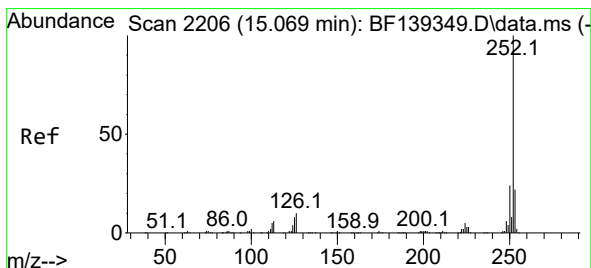
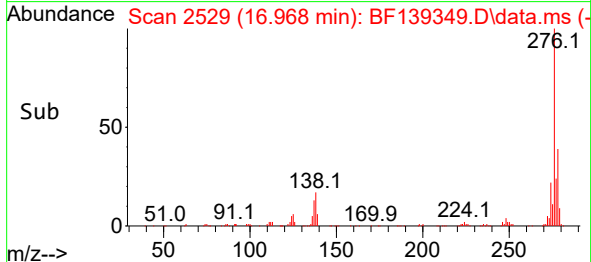
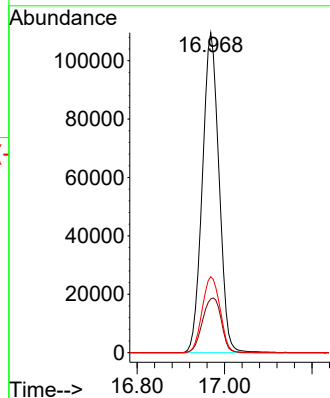
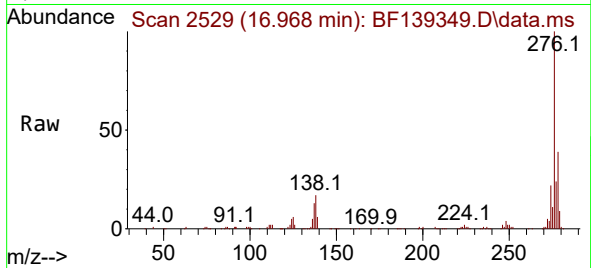
Tgt Ion:276 Resp: 290402

Ion Ratio Lower Upper

276 100

138 19.3 15.4 23.2

277 25.5 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 42.570 ng

RT: 15.069 min Scan# 2206

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

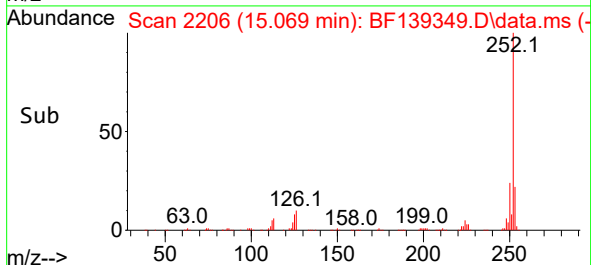
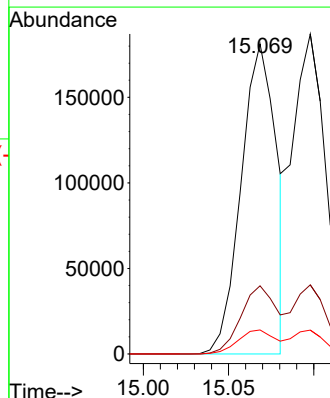
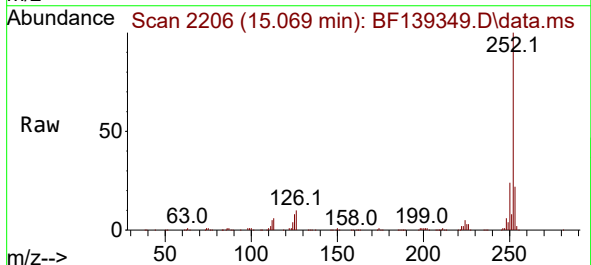
Tgt Ion:252 Resp: 261127

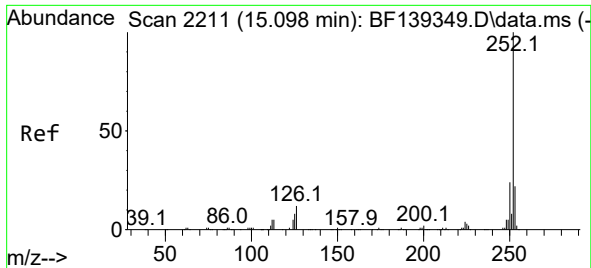
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 7.7 6.2 9.2

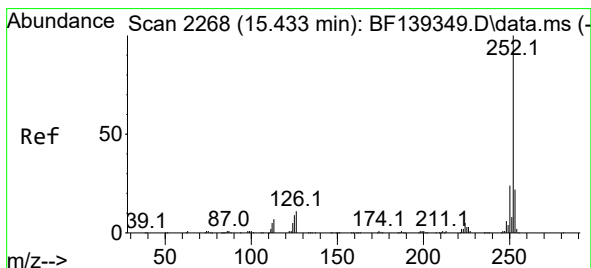
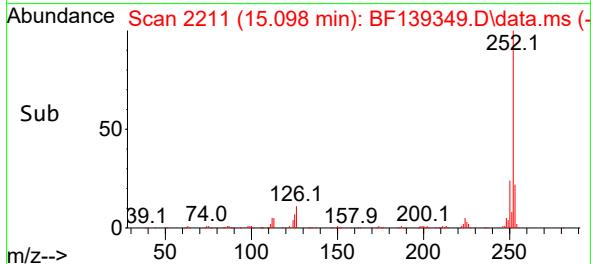
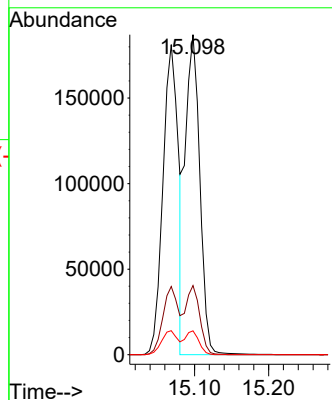
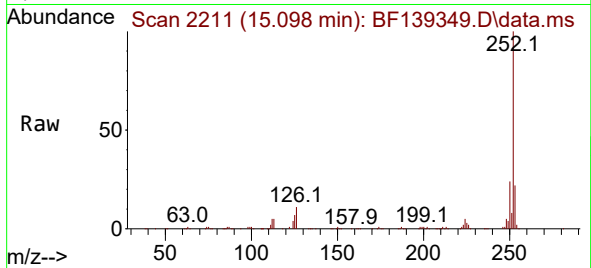




#89  
Benzo(k)fluoranthene  
Concen: 46.126 ng  
RT: 15.098 min Scan# 2111  
Delta R.T. 0.000 min  
Lab File: BF139349.D  
Acq: 13 Sep 2024 16:53

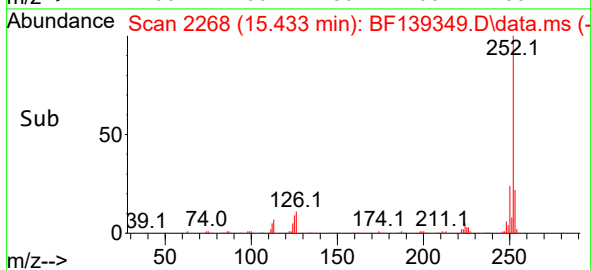
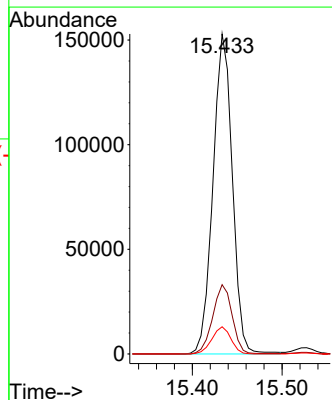
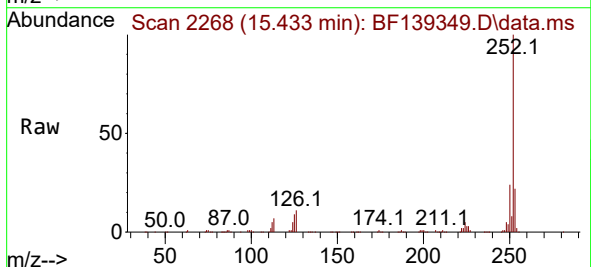
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

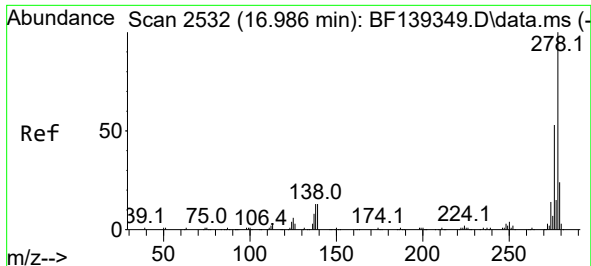
Tgt Ion:252 Resp: 253691  
Ion Ratio Lower Upper  
252 100  
253 21.6 17.3 25.9  
125 7.4 5.9 8.9



#90  
Benzo(a)pyrene  
Concen: 44.011 ng  
RT: 15.433 min Scan# 2268  
Delta R.T. 0.000 min  
Lab File: BF139349.D  
Acq: 13 Sep 2024 16:53

Tgt Ion:252 Resp: 229237  
Ion Ratio Lower Upper  
252 100  
253 21.6 17.3 25.9  
125 8.5 6.8 10.2

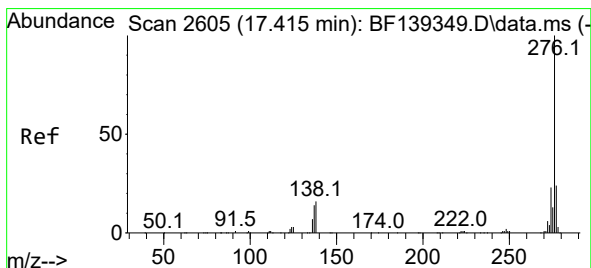
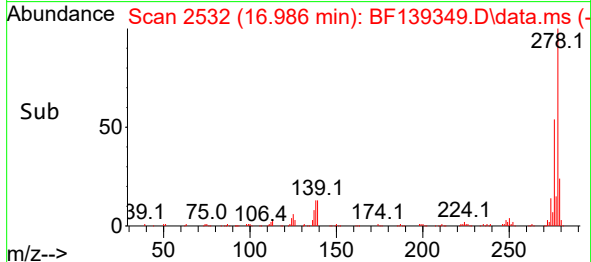
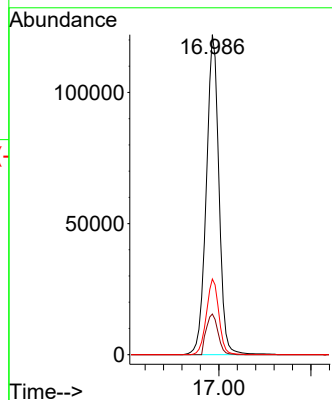
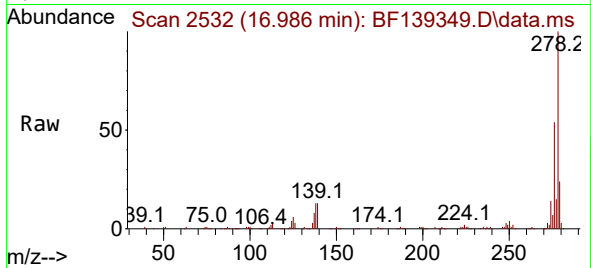




#91  
Dibenzo(a,h)anthracene  
Concen: 42.639 ng  
RT: 16.986 min Scan# 2532  
Delta R.T. 0.000 min  
Lab File: BF139349.D  
Acq: 13 Sep 2024 16:53

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

Tgt Ion:278 Resp: 233814  
Ion Ratio Lower Upper  
278 100  
139 12.7 10.2 15.2  
279 23.6 18.9 28.3



#92  
Benzo(g,h,i)perylene  
Concen: 41.642 ng  
RT: 17.415 min Scan# 2605  
Delta R.T. 0.000 min  
Lab File: BF139349.D  
Acq: 13 Sep 2024 16:53

Tgt Ion:276 Resp: 235706  
Ion Ratio Lower Upper  
276 100  
277 23.6 18.9 28.3  
138 16.3 13.0 19.6

