

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091324\  
 Data File : BF139346.D  
 Acq On : 13 Sep 2024 15:00  
 Operator : RC/JU  
 Sample : SSTDICC005  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC005

Quant Time: Sep 14 02:14:21 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     | 6.875  | 152  | 50863    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.157  | 136  | 190085   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.910  | 164  | 105494   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.392 | 188  | 203939   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.027 | 240  | 151467   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.492 | 264  | 123378   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.487  | 112  | 31915    | 10.497 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.493  | 99   | 41610    | 10.251 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.434  | 82   | 38883    | 10.642 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.692 | 330  | 11158    | 12.249 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.228  | 172  | 77537    | 11.346 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.975 | 244  | 83334    | 8.883  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.663  | 88   | 7035     | 4.969  | ng    | 96       |
| 3) Pyridine                   | 3.422  | 79   | 13785    | 4.033  | ng    | 96       |
| 4) n-Nitrosodimethylamine     | 3.352  | 42   | 11905    | 5.364  | ng    | 99       |
| 6) Aniline                    | 6.534  | 93   | 16052    | 4.301  | ng    | 98       |
| 8) 2-Chlorophenol             | 6.657  | 128  | 16053    | 5.094  | ng    | 96       |
| 9) Benzaldehyde               | 6.422  | 77   | 14231    | 5.792  | ng    | 100      |
| 10) Phenol                    | 6.504  | 94   | 21576    | 5.040  | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 6.604  | 93   | 14911    | 4.861  | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 6.816  | 146  | 19069    | 5.346  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.893  | 146  | 18785    | 5.262  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 7.045  | 146  | 18168    | 5.457  | ng    | 98       |
| 15) Benzyl Alcohol            | 7.010  | 79   | 16238    | 5.486  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.151  | 45   | 25855    | 4.428  | ng    | 98       |
| 17) 2-Methylphenol            | 7.122  | 107  | 12705    | 4.936  | ng    | 99       |
| 18) Hexachloroethane          | 7.387  | 117  | 7153     | 5.610  | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 7.275  | 70   | 12083    | 5.169  | ng    | 91       |
| 20) 3+4-Methylphenols         | 7.275  | 107  | 17770    | 5.478  | ng    | # 82     |
| 22) Acetophenone              | 7.281  | 105  | 24740    | 5.463  | ng    | 97       |
| 24) Nitrobenzene              | 7.451  | 77   | 20611    | 5.315  | ng    | 96       |
| 25) Isophorone                | 7.692  | 82   | 31252    | 5.003  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.775  | 139  | 7259     | 4.766  | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 7.804  | 122  | 10241    | 4.714  | ng    | 94       |
| 28) bis(2-Chloroethoxy)met... | 7.904  | 93   | 18745    | 5.036  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 8.010  | 162  | 13756    | 5.289  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.098  | 180  | 16468    | 5.544  | ng    | 98       |
| 31) Naphthalene               | 8.181  | 128  | 49576    | 5.150  | ng    | 99       |
| 32) Benzoic acid              | 7.857  | 122  | 7778     | 3.931  | ng    | 96       |
| 33) 4-Chloroaniline           | 8.228  | 127  | 14598    | 4.380  | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.298  | 225  | 10851    | 5.764  | ng    | 96       |
| 35) Caprolactam               | 8.551  | 113  | 4150     | 5.154  | ng    | 97       |
| 36) 4-Chloro-3-methylphenol   | 8.698  | 107  | 14968    | 5.281  | ng    | 96       |
| 37) 2-Methylnaphthalene       | 8.869  | 142  | 31958    | 5.306  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.969  | 142  | 31162    | 5.261  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 9.034  | 216  | 15812    | 5.298  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 9.022  | 237  | 5217     | 5.439  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.145  | 196  | 9966     | 5.103  | ng    | 99       |

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 Data File : BF139346.D  
 Acq On : 13 Sep 2024 15:00  
 Operator : RC/JU  
 Sample : SSTDICC005  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

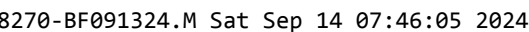
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC005

Quant Time: Sep 14 02:14:21 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     | 9.181  | 196  | 9970     | 4.872 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 9.334  | 154  | 42592    | 5.449 | ng    | 97       |
| 47) 2-Chloronaphthalene       | 9.357  | 162  | 29802    | 5.050 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.445  | 65   | 10214    | 5.025 | ng    | 91       |
| 49) Acenaphthylene            | 9.769  | 152  | 44722    | 5.031 | ng    | 99       |
| 50) Dimethylphthalate         | 9.622  | 163  | 34763    | 5.437 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.686  | 165  | 6896     | 4.754 | ng    | 86       |
| 52) Acenaphthene              | 9.939  | 154  | 31279    | 5.305 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.857  | 138  | 7356     | 4.760 | ng    | # 98     |
| 55) Dibenzofuran              | 10.116 | 168  | 44498    | 5.264 | ng    | 98       |
| 56) 4-Nitrophenol             | 10.004 | 139  | 5945     | 5.212 | ng    | 92       |
| 57) 2,4-Dinitrotoluene        | 10.086 | 165  | 9602     | 5.201 | ng    | 97       |
| 58) Fluorene                  | 10.457 | 166  | 36214    | 5.526 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.228 | 232  | 8352     | 5.185 | ng    | 98       |
| 60) Diethylphthalate          | 10.322 | 149  | 35843    | 5.696 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 10.451 | 204  | 17706    | 5.602 | ng    | 96       |
| 62) 4-Nitroaniline            | 10.463 | 138  | 7998     | 5.437 | ng    | 98       |
| 63) Azobenzene                | 10.604 | 77   | 35354    | 5.331 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.492 | 198  | 3819     | 4.053 | ng    | 93       |
| 66) n-Nitrosodiphenylamine    | 10.563 | 169  | 29638    | 4.993 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.939 | 248  | 9712     | 4.908 | ng    | 93       |
| 68) Hexachlorobenzene         | 10.998 | 284  | 11835    | 5.225 | ng    | 98       |
| 69) Atrazine                  | 11.086 | 200  | 8924     | 6.516 | ng    | 94       |
| 70) Pentachlorophenol         | 11.192 | 266  | 6290     | 4.807 | ng    | 97       |
| 71) Phenanthrene              | 11.416 | 178  | 50027    | 5.251 | ng    | 99       |
| 72) Anthracene                | 11.469 | 178  | 48204    | 5.179 | ng    | 98       |
| 73) Carbazole                 | 11.622 | 167  | 47039    | 5.408 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.951 | 149  | 47689    | 5.354 | ng    | 99       |
| 75) Fluoranthene              | 12.604 | 202  | 56089    | 5.872 | ng    | 99       |
| 77) Benzidine                 | 12.727 | 184  | 6607     | 2.166 | ng    | 96       |
| 78) Pyrene                    | 12.833 | 202  | 58177    | 3.976 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.451 | 149  | 19663    | 5.709 | ng    | 95       |
| 81) Benzo(a)anthracene        | 14.016 | 228  | 50501    | 5.221 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.980 | 252  | 14703    | 5.724 | ng    | 97       |
| 83) Chrysene                  | 14.051 | 228  | 47410    | 5.252 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.010 | 149  | 26039    | 6.441 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.621 | 149  | 36708    | 4.742 | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.951 | 276  | 29213    | 3.790 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.063 | 252  | 39600    | 5.573 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 15.092 | 252  | 37654    | 5.910 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.427 | 252  | 30914    | 5.124 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.974 | 278  | 23740    | 3.738 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.392 | 276  | 24841    | 3.789 | ng    | 98       |

(#) = 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

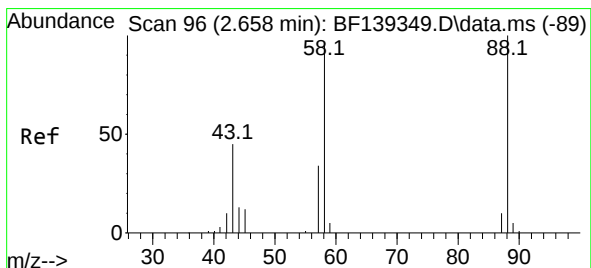
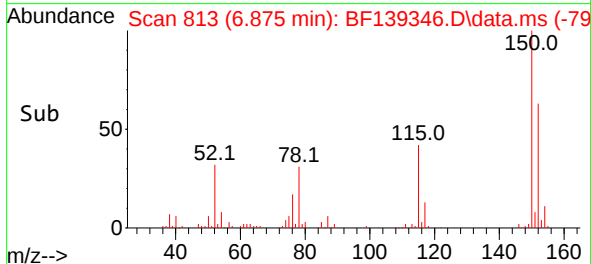
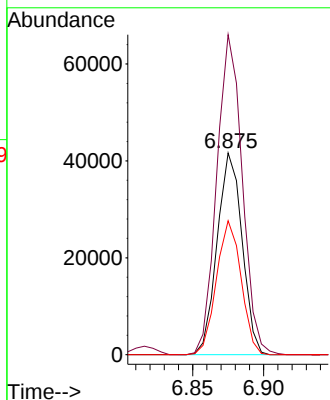
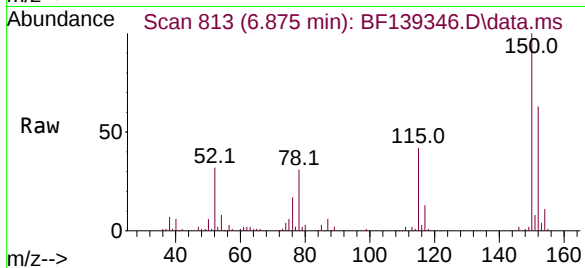




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.875 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF139346.D  
Acq: 13 Sep 2024 15:00

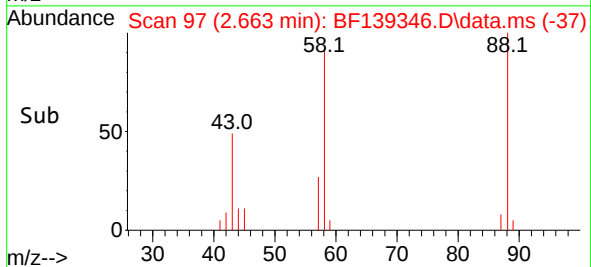
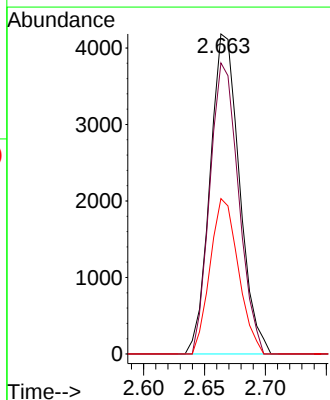
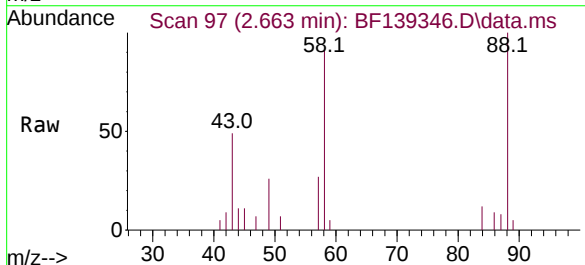
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC005

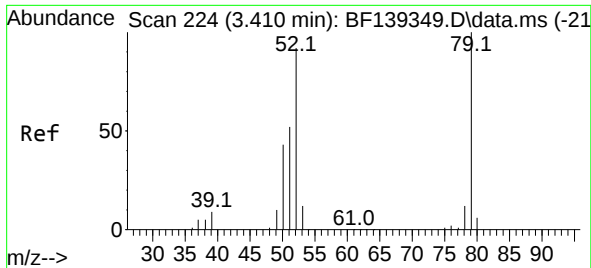
Tgt Ion:152 Resp: 50863  
Ion Ratio Lower Upper  
152 100  
150 158.6 124.1 186.1  
115 66.4 48.1 72.1



#2  
1,4-Dioxane  
Concen: 4.969 ng  
RT: 2.663 min Scan# 97  
Delta R.T. 0.006 min  
Lab File: BF139346.D  
Acq: 13 Sep 2024 15:00

Tgt Ion: 88 Resp: 7035  
Ion Ratio Lower Upper  
88 100  
58 88.5 74.8 112.2  
43 46.7 36.4 54.6





#3

Pyridine

Concen: 4.033 ng

RT: 3.422 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

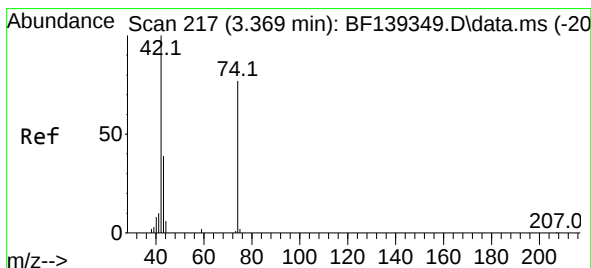
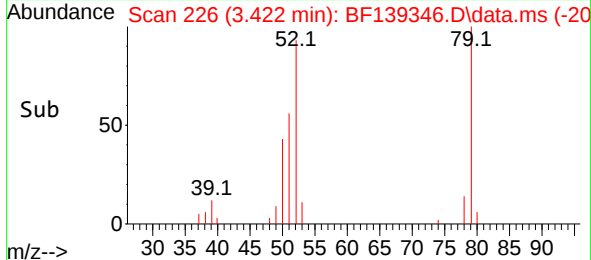
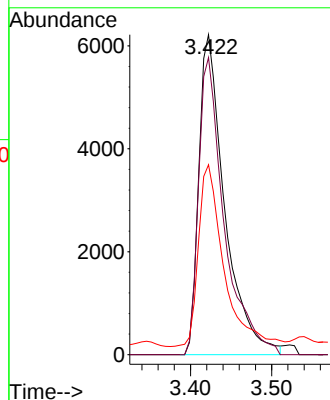
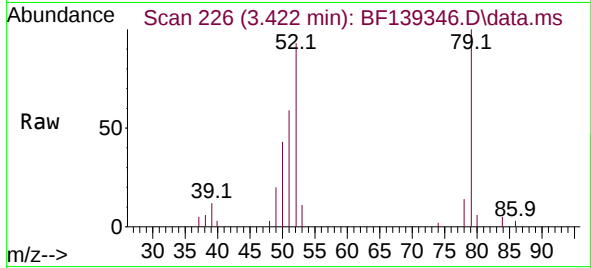
Tgt Ion: 79 Resp: 13785

Ion Ratio Lower Upper

79 100

52 92.8 73.8 110.8

51 59.4 41.8 62.6



#4

n-Nitrosodimethylamine

Concen: 5.364 ng

RT: 3.352 min Scan# 214

Delta R.T. -0.018 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

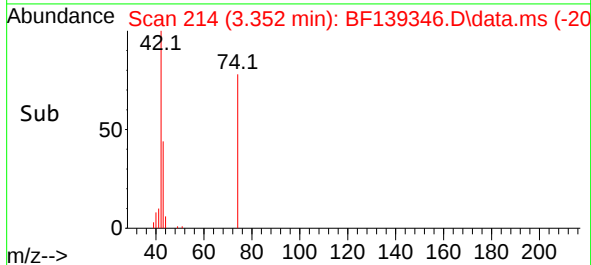
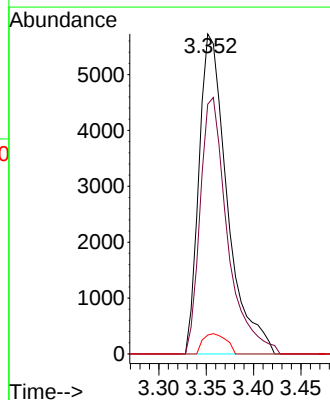
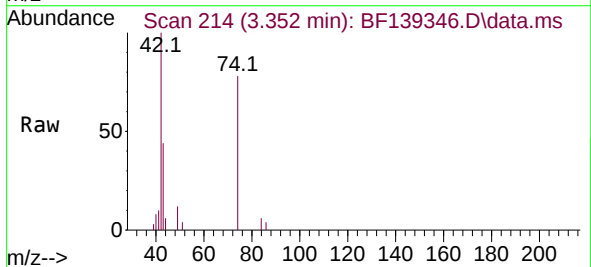
Tgt Ion: 42 Resp: 11905

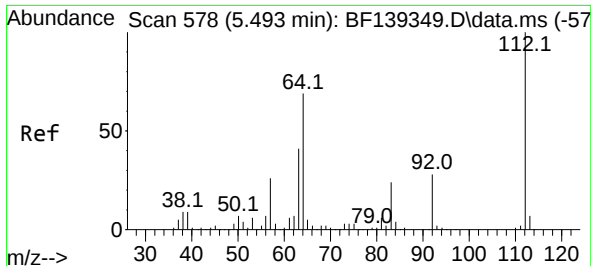
Ion Ratio Lower Upper

42 100

74 78.1 61.8 92.8

44 5.9 4.8 7.2

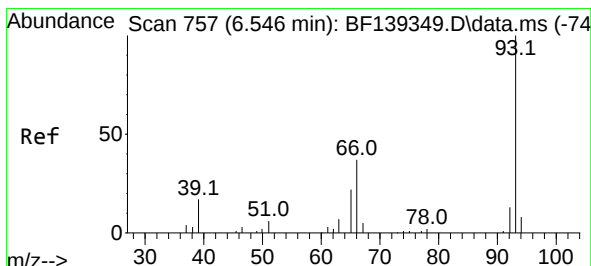
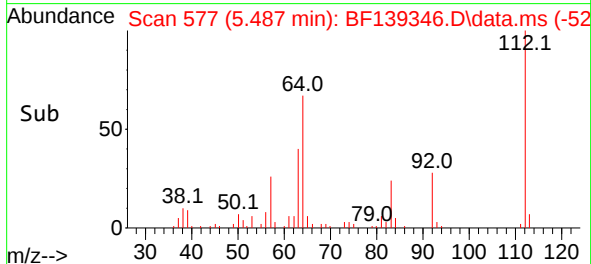
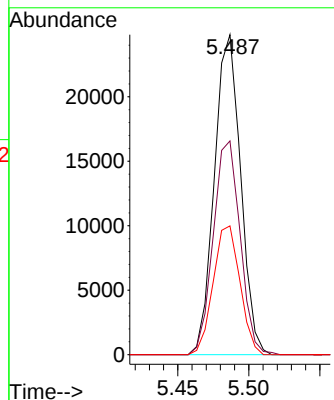
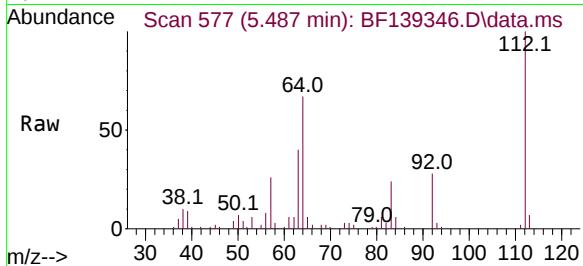




#5  
2-Fluorophenol  
Concen: 10.497 ng  
RT: 5.487 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: BF139346.D  
Acq: 13 Sep 2024 15:00

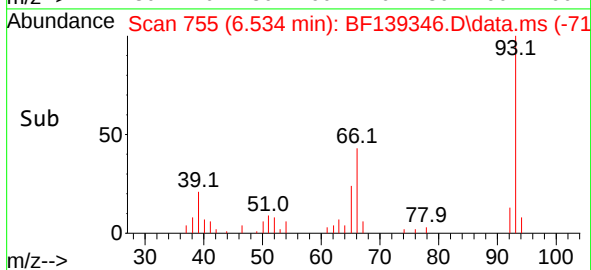
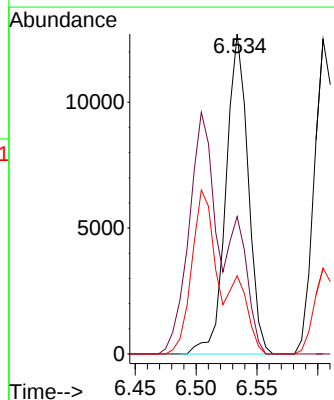
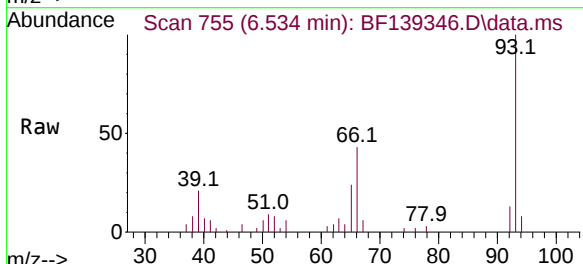
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005

Tgt Ion:112 Resp: 31915  
Ion Ratio Lower Upper  
112 100  
64 66.8 54.8 82.2  
63 40.2 33.0 49.4



#6  
Aniline  
Concen: 4.301 ng  
RT: 6.534 min Scan# 755  
Delta R.T. -0.035 min  
Lab File: BF139346.D  
Acq: 13 Sep 2024 15:00

Tgt Ion: 93 Resp: 16052  
Ion Ratio Lower Upper  
93 100  
66 43.0 35.4 53.0  
65 24.4 18.2 27.4

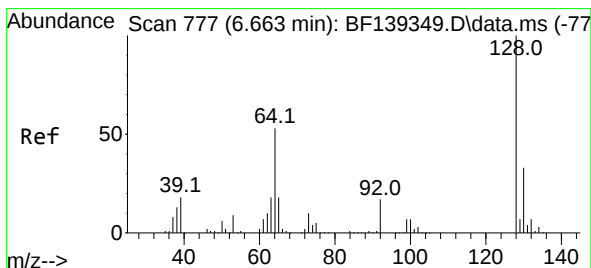
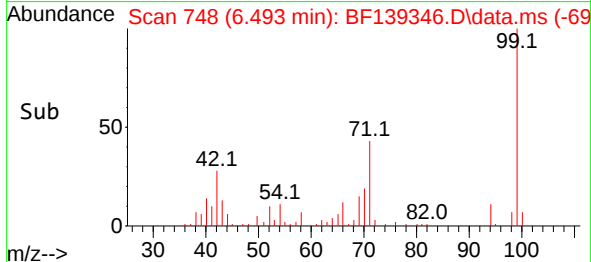
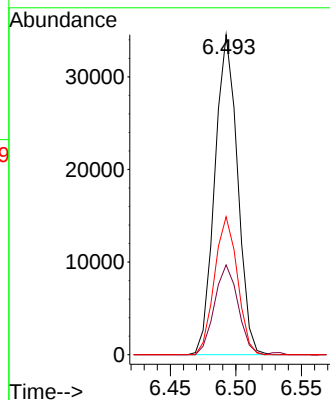
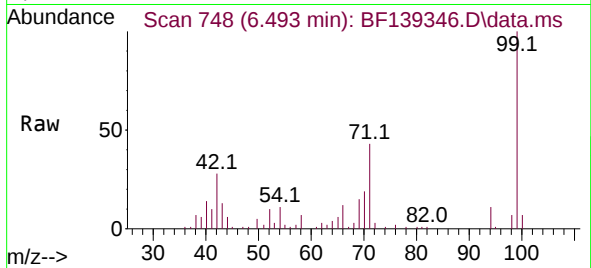




#7  
Phenol-d6  
Concen: 10.251 ng  
RT: 6.493 min Scan# 74  
Delta R.T. -0.012 min  
Lab File: BF139346.D  
Acq: 13 Sep 2024 15:00

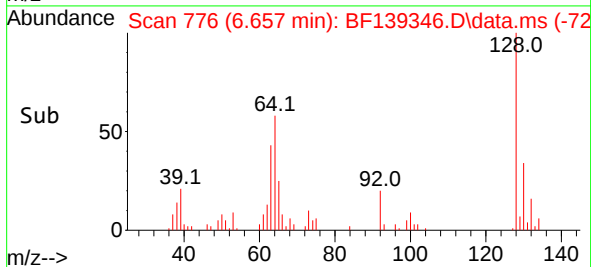
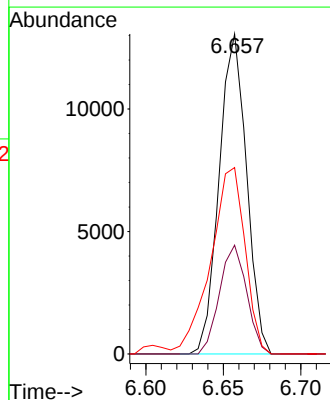
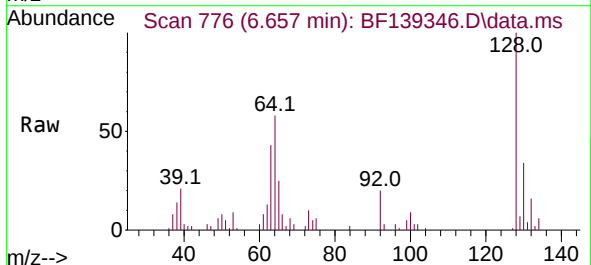
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005

Tgt Ion: 99 Resp: 41610  
Ion Ratio Lower Upper  
99 100  
42 28.1 21.9 32.9  
71 43.1 34.6 52.0



#8  
2-Chlorophenol  
Concen: 5.094 ng  
RT: 6.657 min Scan# 776  
Delta R.T. -0.006 min  
Lab File: BF139346.D  
Acq: 13 Sep 2024 15:00

Tgt Ion:128 Resp: 16053  
Ion Ratio Lower Upper  
128 100  
130 34.0 12.8 52.8  
64 58.2 35.1 75.1





#9

Benzaldehyde

Concen: 5.792 ng

RT: 6.422 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

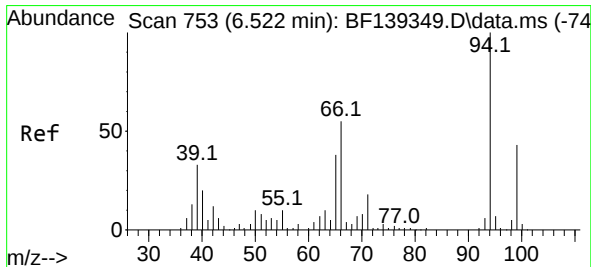
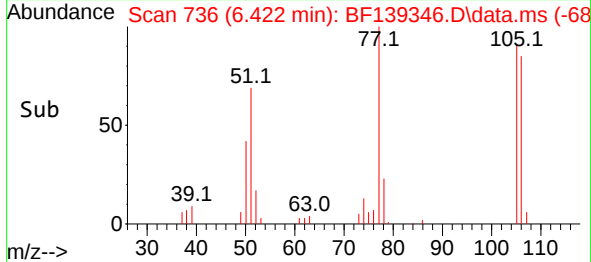
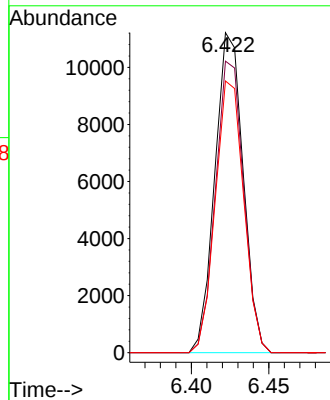
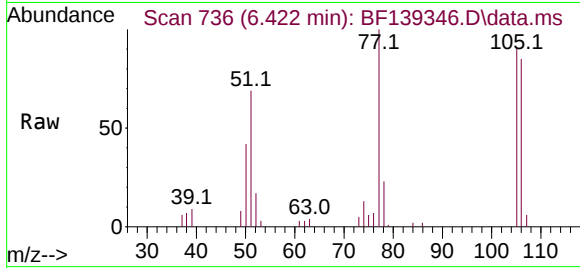
Tgt Ion: 77 Resp: 14231

Ion Ratio Lower Upper

77 100

105 91.1 71.0 111.0

106 84.9 64.9 104.9



#10

Phenol

Concen: 5.040 ng

RT: 6.504 min Scan# 750

Delta R.T. -0.018 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

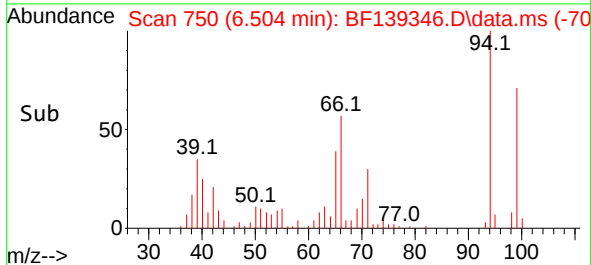
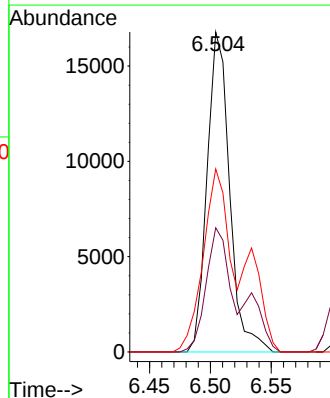
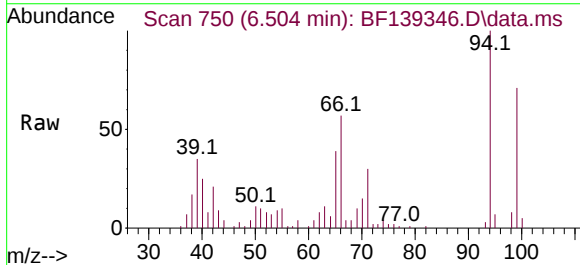
Tgt Ion: 94 Resp: 21576

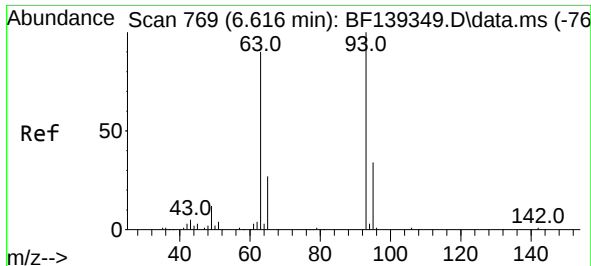
Ion Ratio Lower Upper

94 100

65 38.8 17.6 57.6

66 57.2 35.2 75.2





#11

bis(2-Chloroethyl)ether

Concen: 4.861 ng

RT: 6.604 min Scan# 767

Delta R.T. -0.012 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

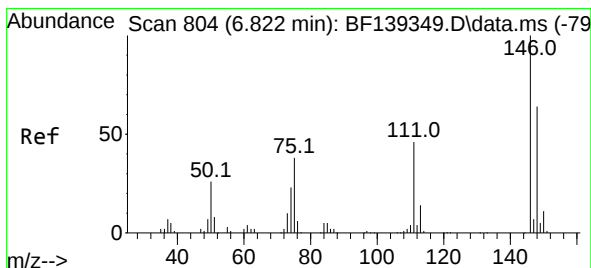
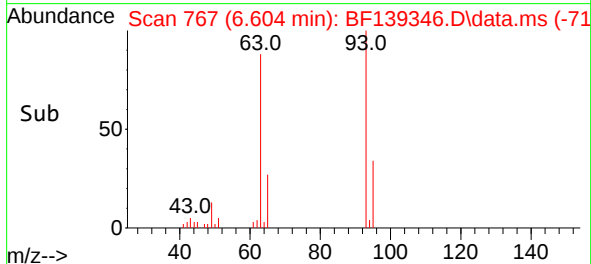
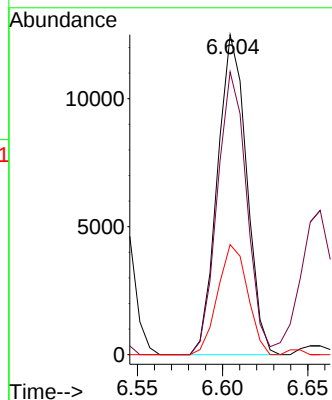
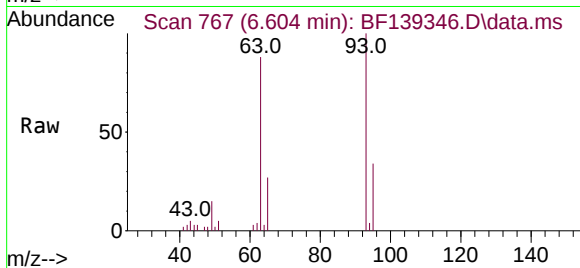
Tgt Ion: 93 Resp: 14911

Ion Ratio Lower Upper

93 100

63 88.4 65.3 105.3

95 34.4 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 5.346 ng

RT: 6.816 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

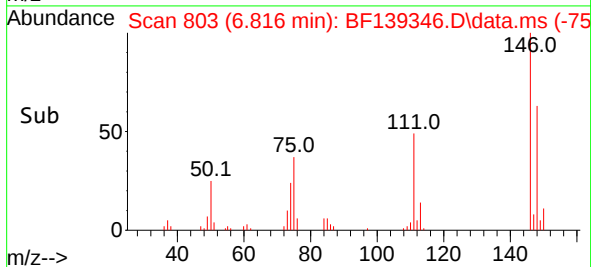
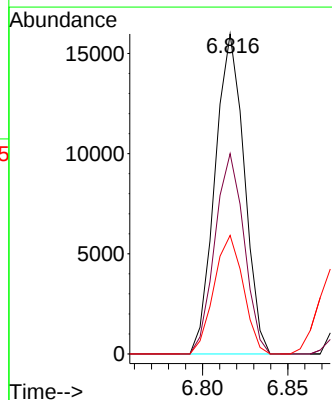
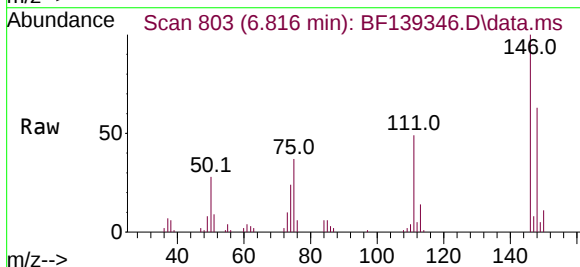
Tgt Ion: 146 Resp: 19069

Ion Ratio Lower Upper

146 100

148 62.6 51.2 76.8

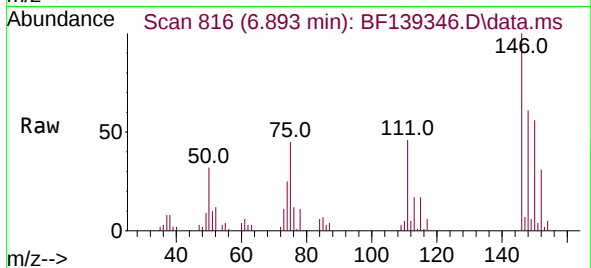
75 37.0 30.6 46.0



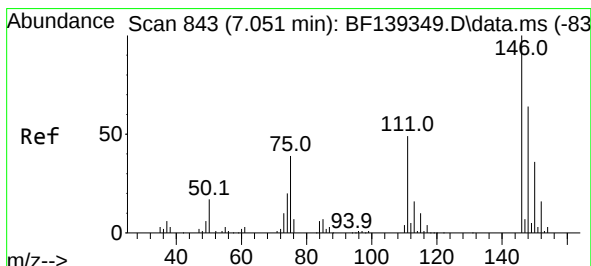
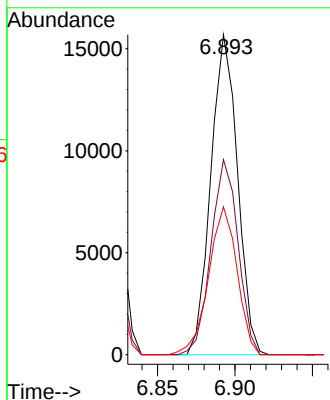
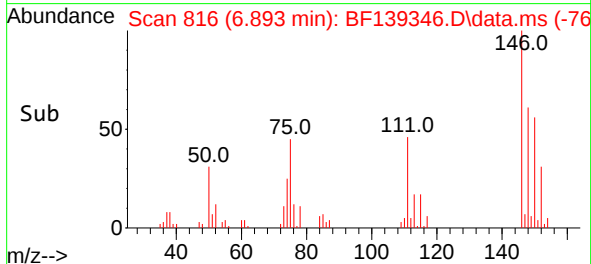


#13  
1,4-Dichlorobenzene  
Concen: 5.262 ng  
RT: 6.893 min Scan# 817  
Delta R.T. -0.006 min  
Lab File: BF139346.D  
Acq: 13 Sep 2024 15:00

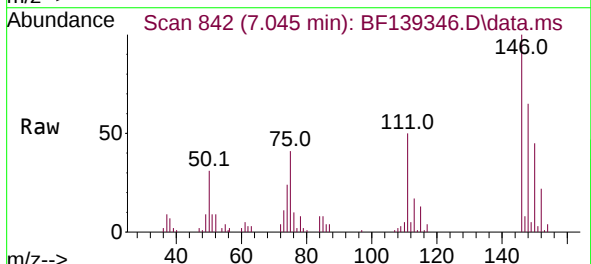
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005



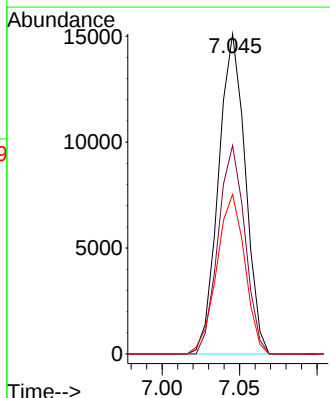
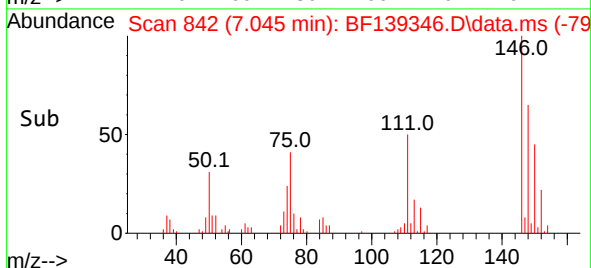
Tgt Ion:146 Resp: 18785  
Ion Ratio Lower Upper  
146 100  
148 61.0 50.9 76.3  
111 46.2 36.3 54.5



#14  
1,2-Dichlorobenzene  
Concen: 5.457 ng  
RT: 7.045 min Scan# 842  
Delta R.T. -0.006 min  
Lab File: BF139346.D  
Acq: 13 Sep 2024 15:00



Tgt Ion:146 Resp: 18168  
Ion Ratio Lower Upper  
146 100  
148 65.1 50.9 76.3  
111 49.9 38.9 58.3

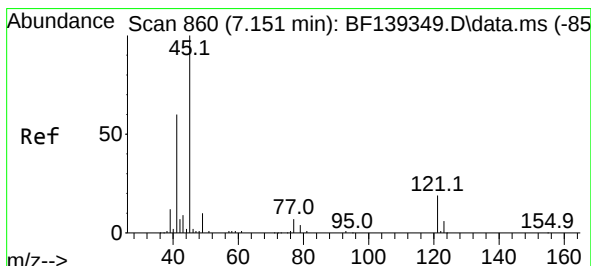
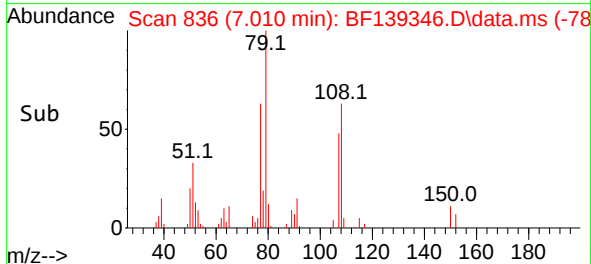
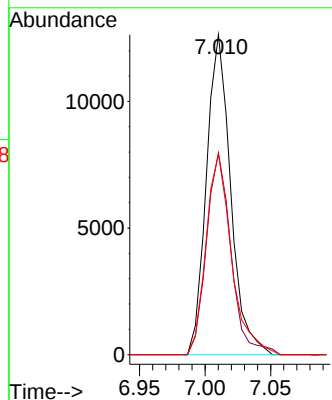
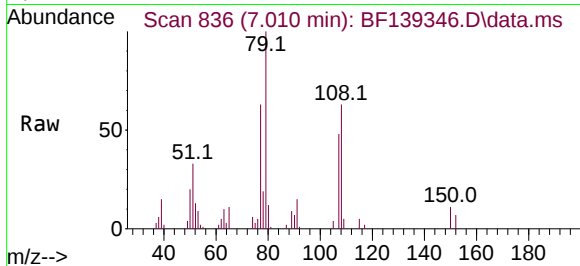




#15  
Benzyl Alcohol  
Concen: 5.486 ng  
RT: 7.010 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF139346.D  
Acq: 13 Sep 2024 15:00

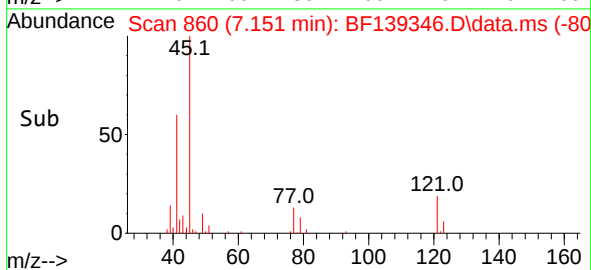
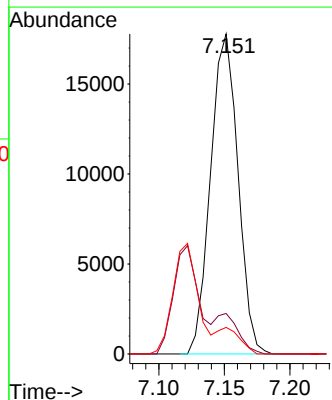
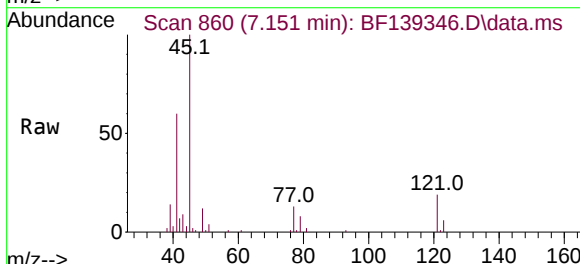
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005

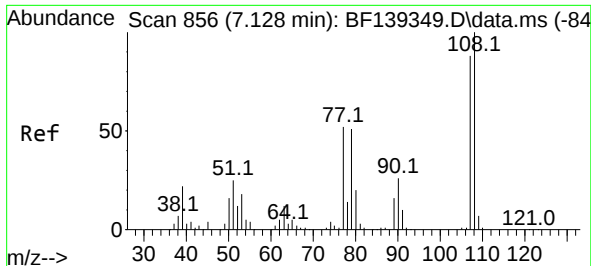
Tgt Ion: 79 Resp: 16238  
Ion Ratio Lower Upper  
79 100  
108 63.1 50.4 75.6  
77 62.7 51.4 77.2



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 4.428 ng  
RT: 7.151 min Scan# 860  
Delta R.T. -0.000 min  
Lab File: BF139346.D  
Acq: 13 Sep 2024 15:00

Tgt Ion: 45 Resp: 25855  
Ion Ratio Lower Upper  
45 100  
77 12.7 0.0 32.0  
79 8.3 0.0 29.1

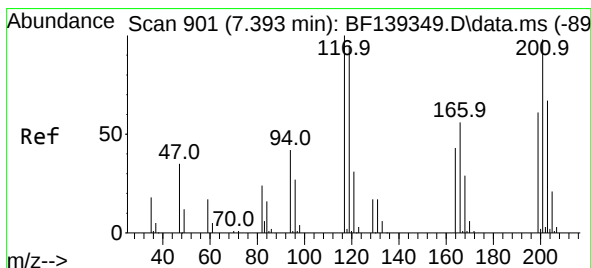
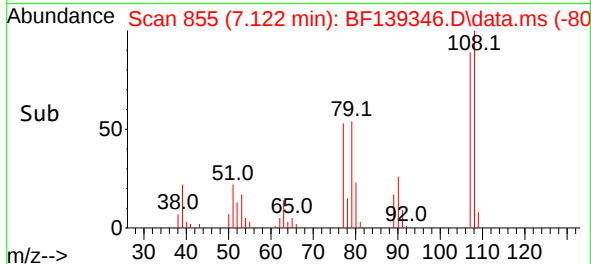
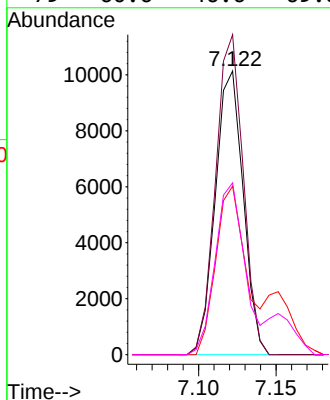
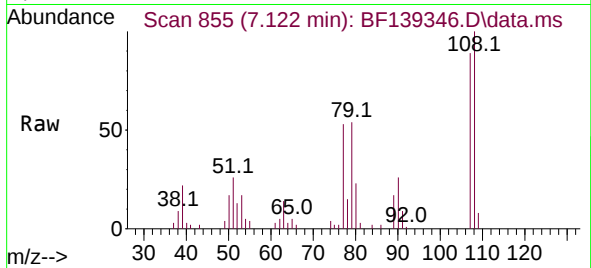




#17  
2-Methylphenol  
Concen: 4.936 ng  
RT: 7.122 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF139346.D  
Acq: 13 Sep 2024 15:00

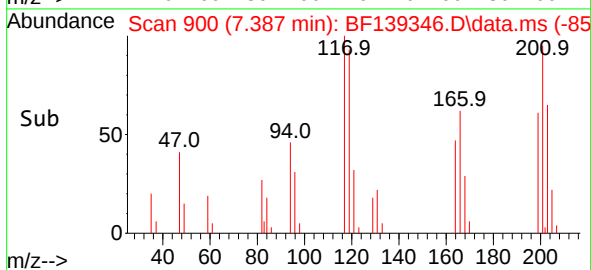
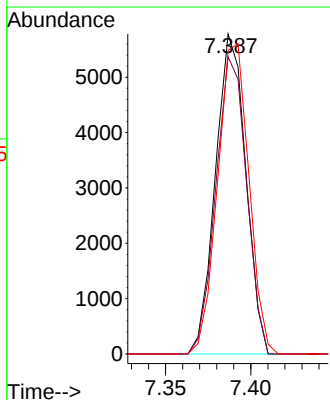
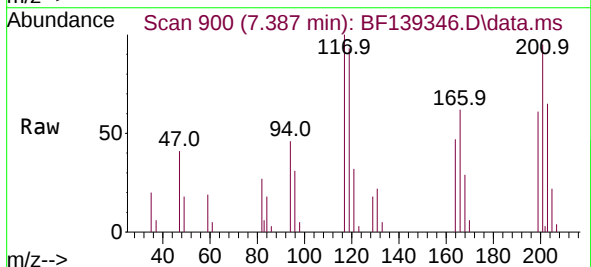
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005

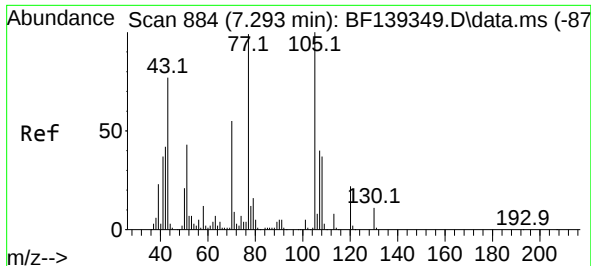
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 12705 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 112.8 | 90.5  | 135.7 |
| 77       | 59.4  | 47.1  | 70.7  |
| 79       | 60.6  | 46.6  | 69.8  |



#18  
Hexachloroethane  
Concen: 5.610 ng  
RT: 7.387 min Scan# 900  
Delta R.T. -0.006 min  
Lab File: BF139346.D  
Acq: 13 Sep 2024 15:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 7153  |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 92.9  | 75.8  | 113.8 |
| 201      | 94.8  | 78.6  | 118.0 |

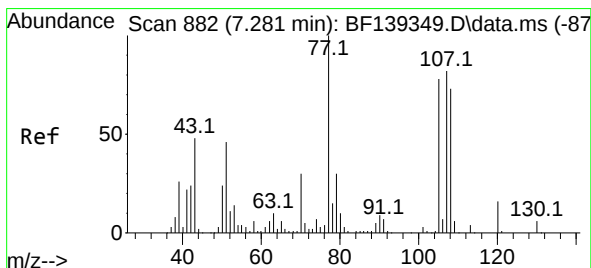
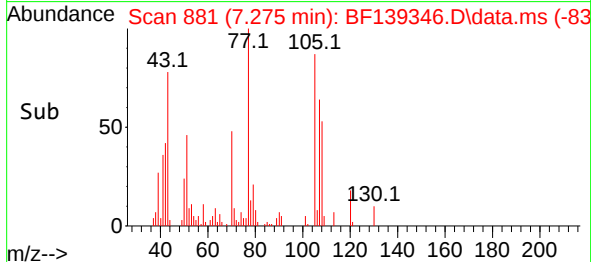
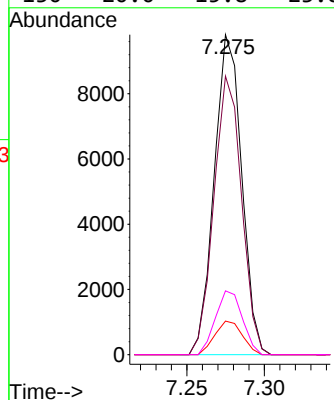
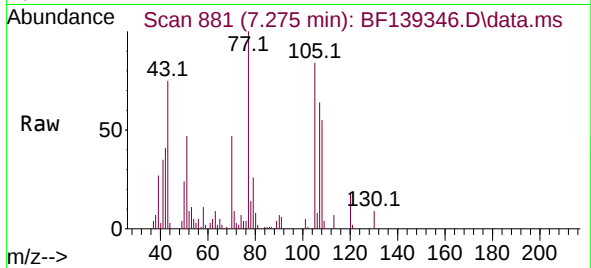




#19  
n-Nitroso-di-n-propylamine  
Concen: 5.169 ng  
RT: 7.275 min Scan# 881  
Delta R.T. -0.018 min  
Lab File: BF139346.D  
Acq: 13 Sep 2024 15:00

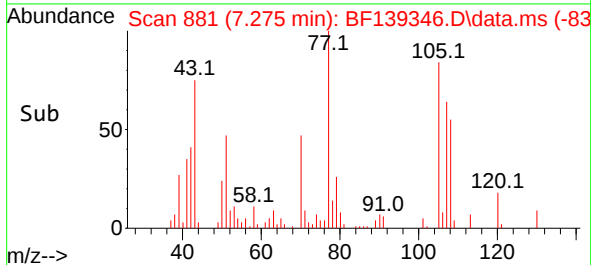
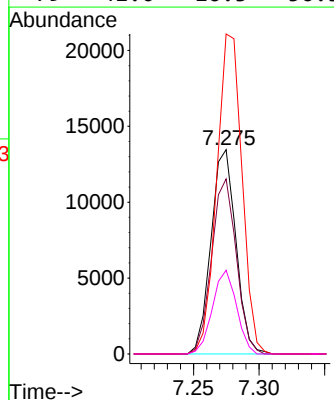
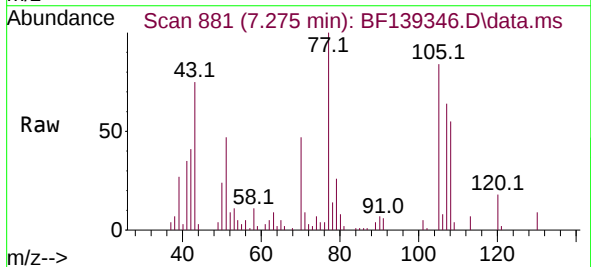
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005

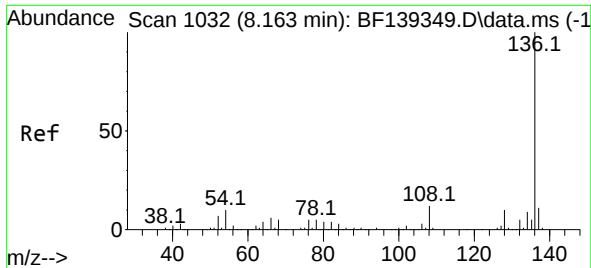
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 12083 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 87.1  | 61.2  | 91.8  |
| 101      | 10.5  | 7.5   | 11.3  |
| 130      | 20.0  | 15.8  | 23.8  |



#20  
3+4-Methylphenols  
Concen: 5.478 ng  
RT: 7.275 min Scan# 881  
Delta R.T. -0.006 min  
Lab File: BF139346.D  
Acq: 13 Sep 2024 15:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 17770  |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 85.7  | 68.6  | 108.6  |
| 77       | 156.6 | 101.6 | 141.6# |
| 79       | 41.0  | 16.3  | 56.3   |

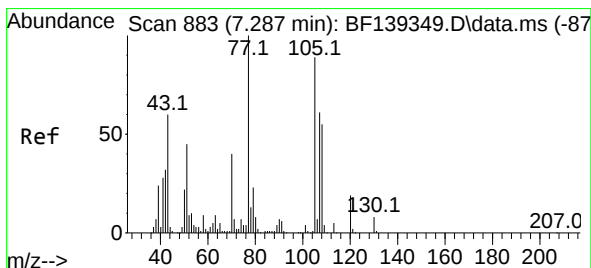
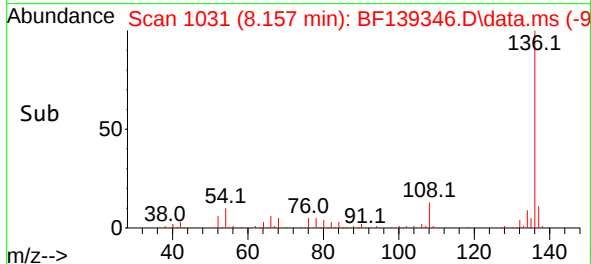
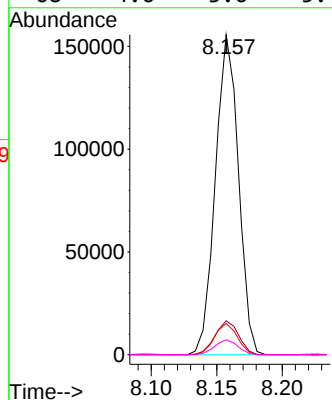
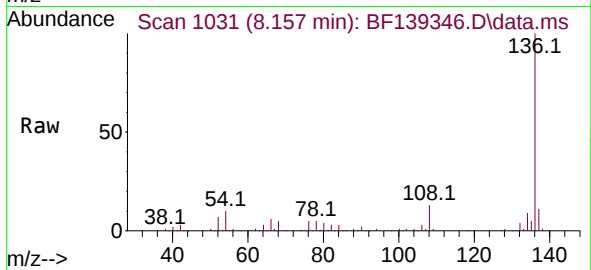




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.157 min Scan# 1031  
Delta R.T. -0.006 min  
Lab File: BF139346.D  
Acq: 13 Sep 2024 15:00

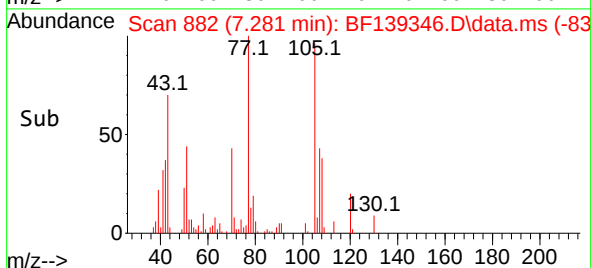
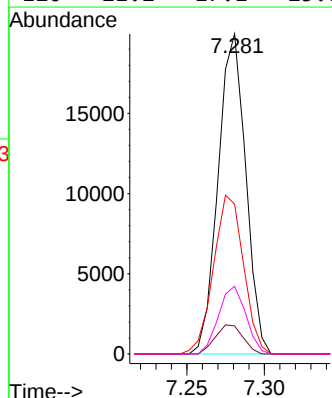
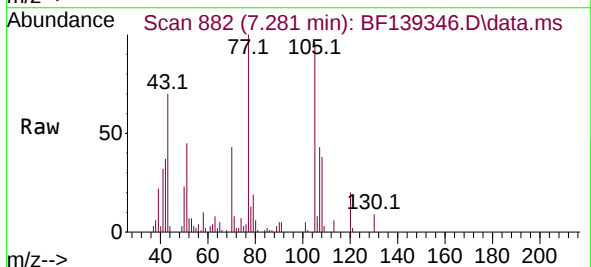
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005

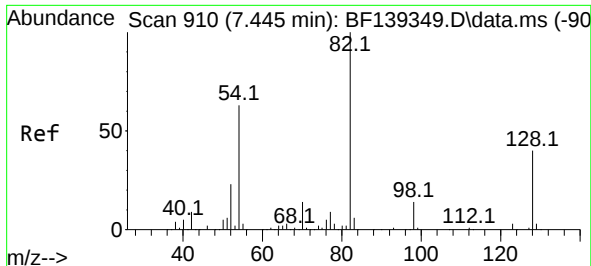
|             |              |
|-------------|--------------|
| Tgt Ion:136 | Resp: 190085 |
| Ion Ratio   | Lower Upper  |
| 136 100     |              |
| 137 10.6    | 8.6 12.8     |
| 54 9.7      | 7.8 11.8     |
| 68 4.6      | 3.6 5.4      |



#22  
Acetophenone  
Concen: 5.463 ng  
RT: 7.281 min Scan# 882  
Delta R.T. -0.006 min  
Lab File: BF139346.D  
Acq: 13 Sep 2024 15:00

|             |             |
|-------------|-------------|
| Tgt Ion:105 | Resp: 24740 |
| Ion Ratio   | Lower Upper |
| 105 100     |             |
| 71 8.7      | 5.9 8.9     |
| 51 46.9     | 40.0 60.0   |
| 120 21.2    | 17.1 25.7   |





#23

Nitrobenzene-d5

Concen: 10.642 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

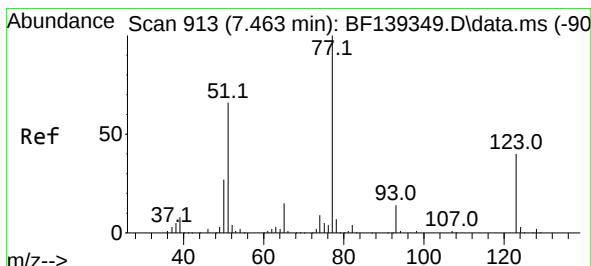
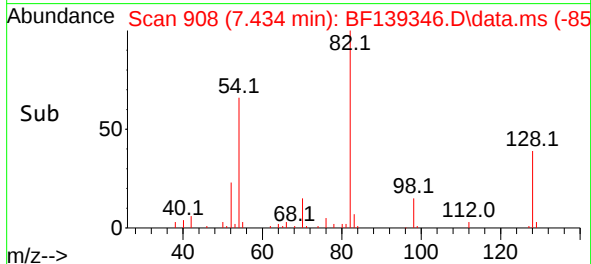
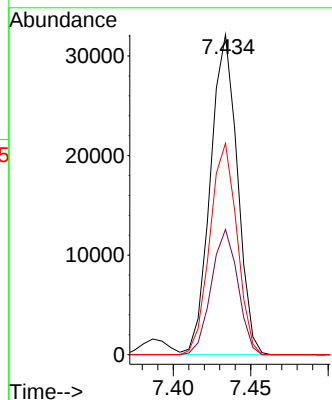
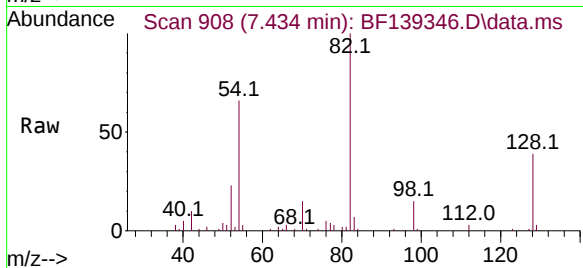
Tgt Ion: 82 Resp: 38883

Ion Ratio Lower Upper

82 100

128 39.1 31.8 47.6

54 66.1 50.6 75.8



#24

Nitrobenzene

Concen: 5.315 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.012 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

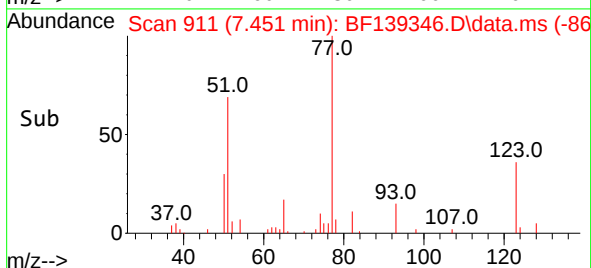
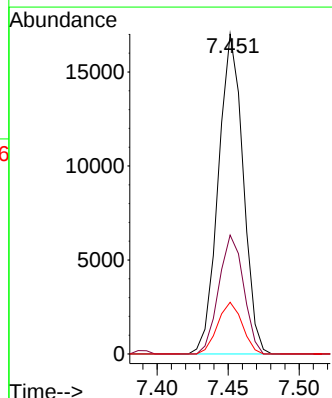
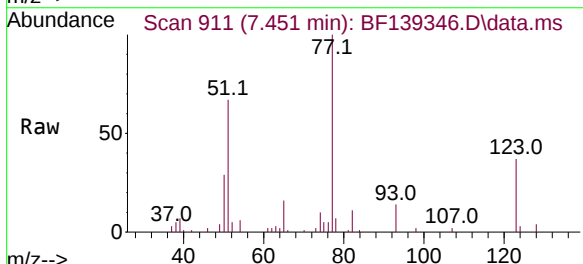
Tgt Ion: 77 Resp: 20611

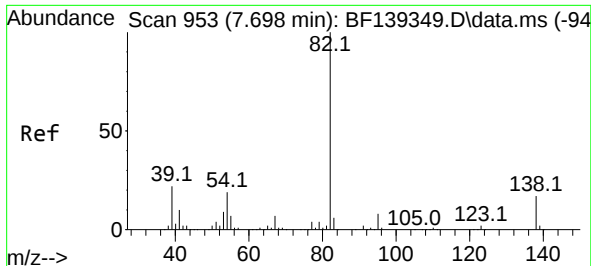
Ion Ratio Lower Upper

77 100

123 37.1 32.2 48.4

65 16.2 12.2 18.4

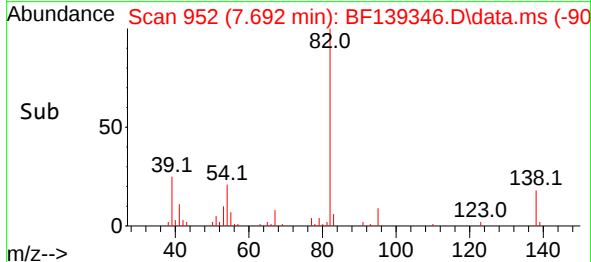
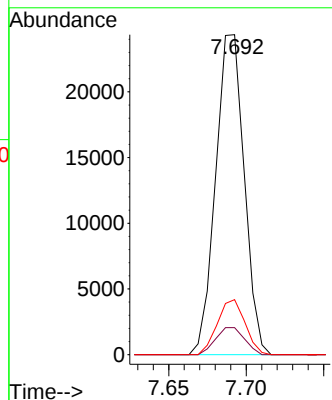
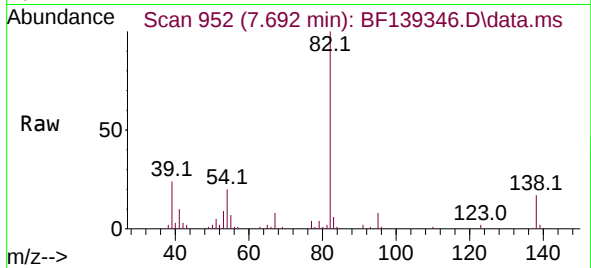




#25  
Isophorone  
Concen: 5.003 ng  
RT: 7.692 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF139346.D  
Acq: 13 Sep 2024 15:00

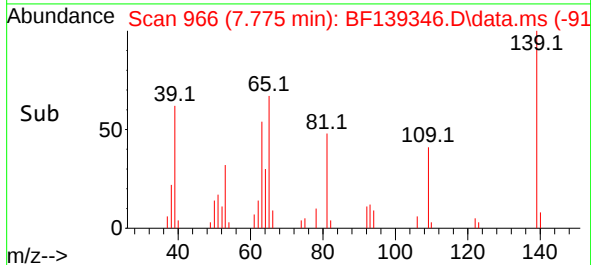
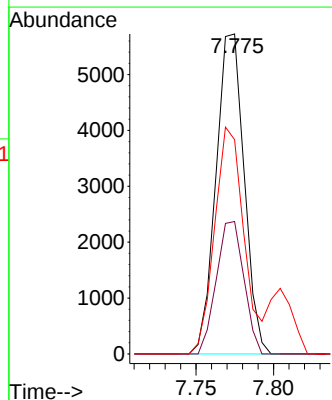
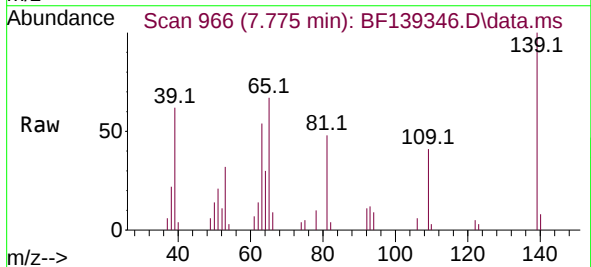
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005

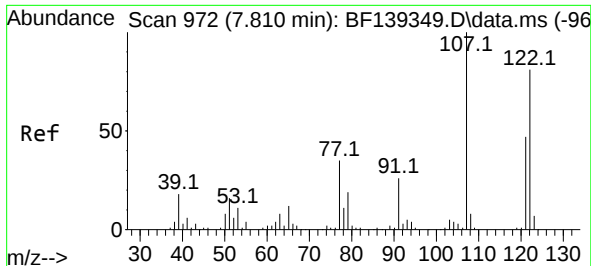
Tgt Ion: 82 Resp: 31252  
Ion Ratio Lower Upper  
82 100  
95 8.4 6.7 10.1  
138 17.2 13.3 19.9



#26  
2-Nitrophenol  
Concen: 4.766 ng  
RT: 7.775 min Scan# 966  
Delta R.T. -0.000 min  
Lab File: BF139346.D  
Acq: 13 Sep 2024 15:00

Tgt Ion:139 Resp: 7259  
Ion Ratio Lower Upper  
139 100  
109 41.4 32.2 48.2  
65 67.0 55.8 83.8

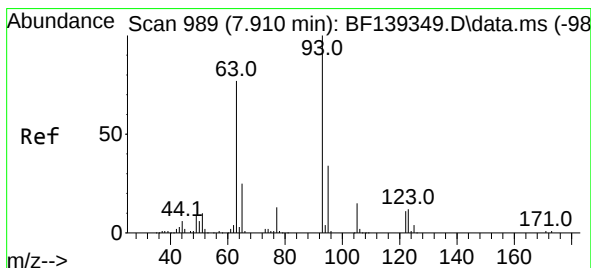
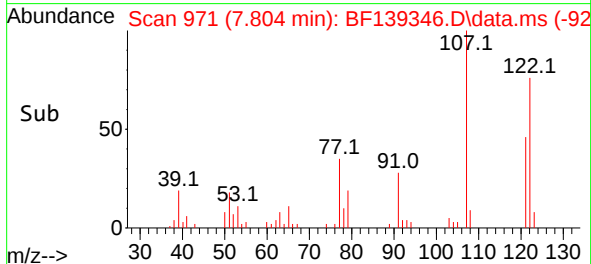
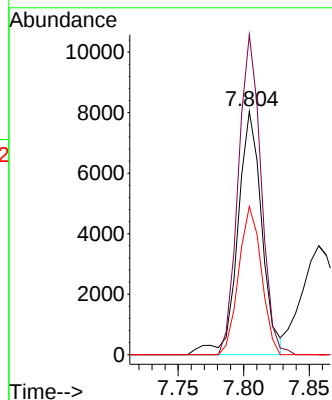
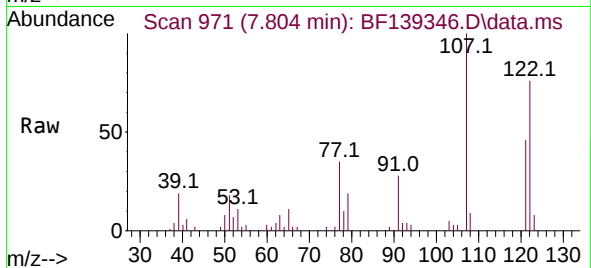




#27  
2,4-Dimethylphenol  
Concen: 4.714 ng  
RT: 7.804 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF139346.D  
Acq: 13 Sep 2024 15:00

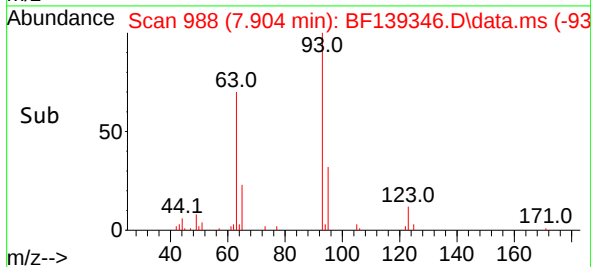
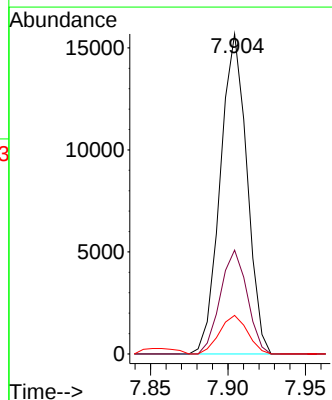
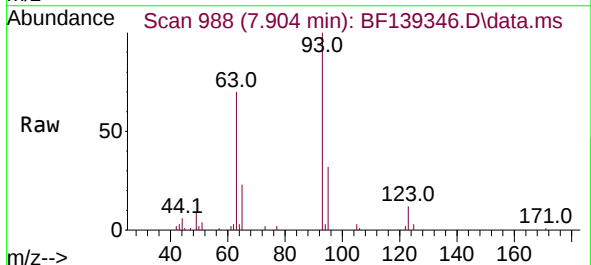
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005

Tgt Ion:122 Resp: 10241  
Ion Ratio Lower Upper  
122 100  
107 131.5 99.1 148.7  
121 60.9 46.6 70.0



#28  
bis(2-Chloroethoxy)methane  
Concen: 5.036 ng  
RT: 7.904 min Scan# 988  
Delta R.T. -0.006 min  
Lab File: BF139346.D  
Acq: 13 Sep 2024 15:00

Tgt Ion: 93 Resp: 18745  
Ion Ratio Lower Upper  
93 100  
95 32.4 26.9 40.3  
123 12.1 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 5.289 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

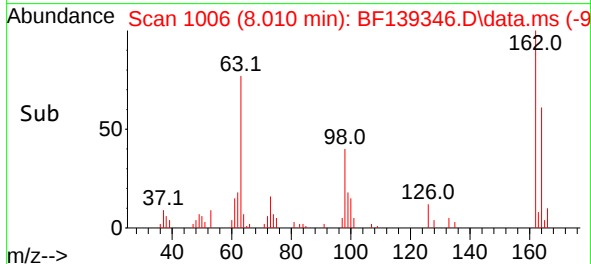
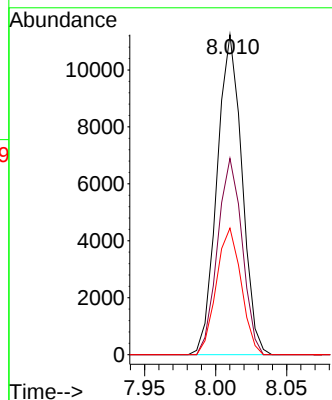
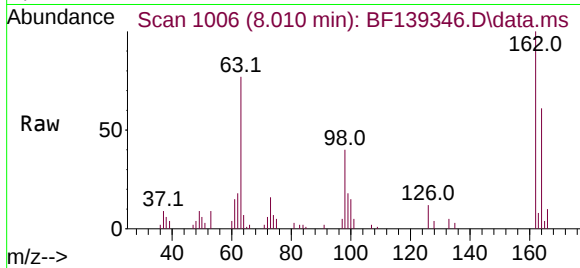
Tgt Ion:162 Resp: 13756

Ion Ratio Lower Upper

162 100

164 61.3 43.6 83.6

98 39.6 19.7 59.7



#30

1,2,4-Trichlorobenzene

Concen: 5.544 ng

RT: 8.098 min Scan# 1021

Delta R.T. -0.000 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

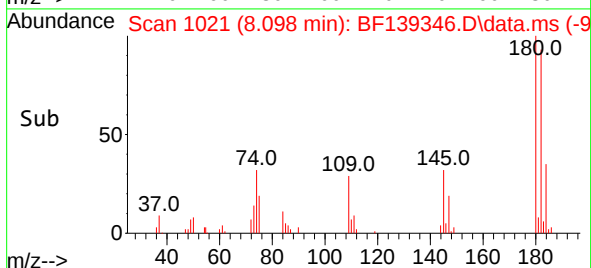
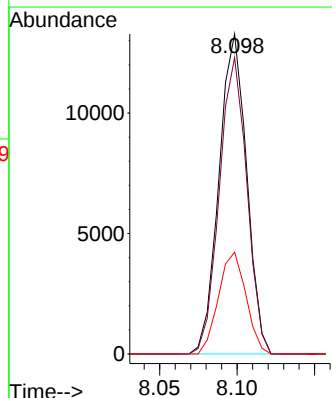
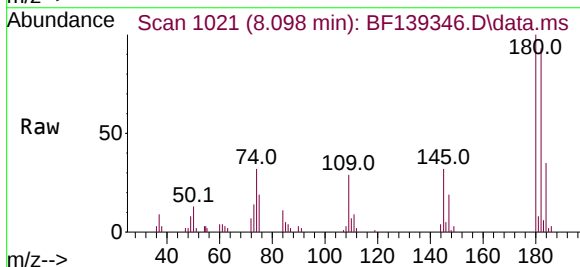
Tgt Ion:180 Resp: 16468

Ion Ratio Lower Upper

180 100

182 92.6 75.7 113.5

145 31.8 26.5 39.7

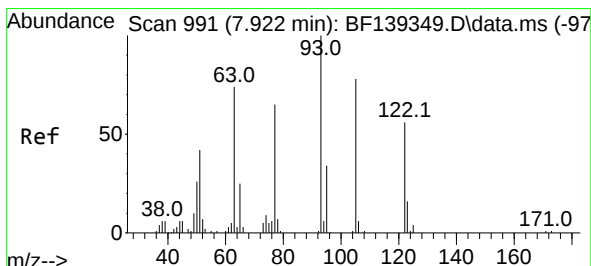
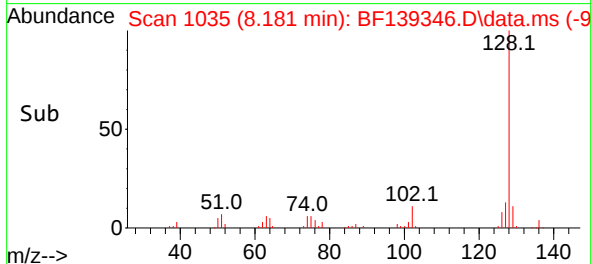
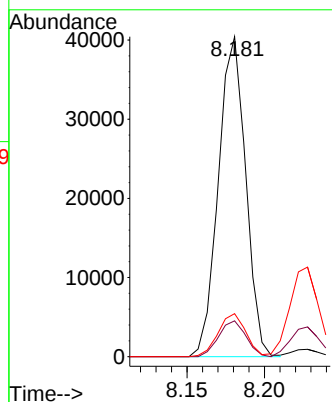
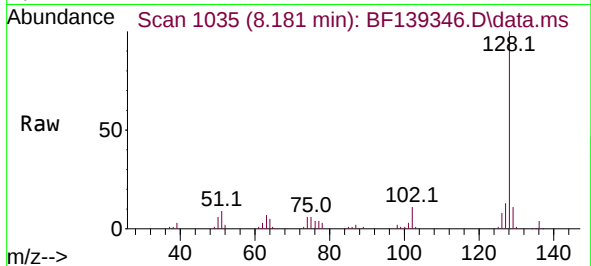




#31  
Naphthalene  
Concen: 5.150 ng  
RT: 8.181 min Scan# 1035  
Delta R.T. -0.000 min  
Lab File: BF139346.D  
Acq: 13 Sep 2024 15:00

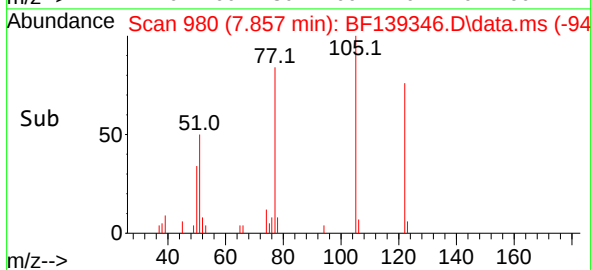
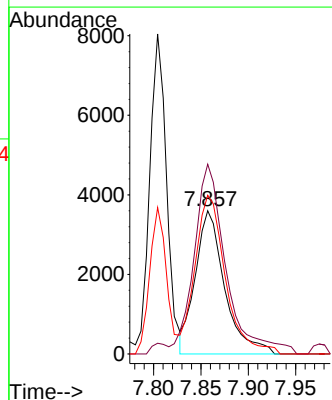
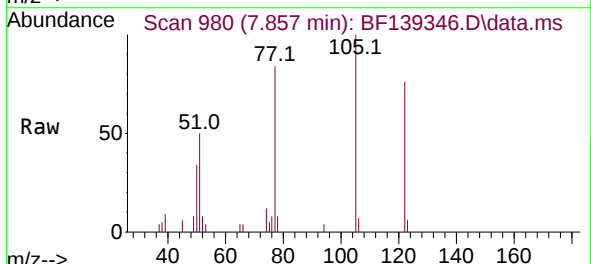
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005

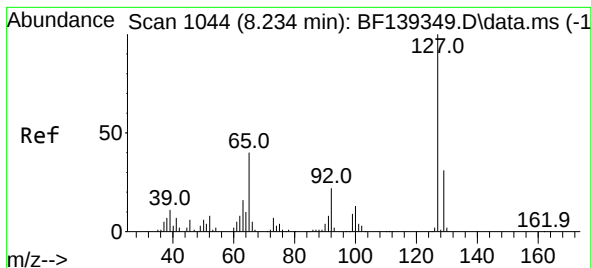
Tgt Ion:128 Resp: 49576  
Ion Ratio Lower Upper  
128 100  
129 11.2 8.6 13.0  
127 13.4 10.6 16.0



#32  
Benzoic acid  
Concen: 3.931 ng  
RT: 7.857 min Scan# 980  
Delta R.T. -0.065 min  
Lab File: BF139346.D  
Acq: 13 Sep 2024 15:00

Tgt Ion:122 Resp: 7778  
Ion Ratio Lower Upper  
122 100  
105 132.4 117.1 157.1  
77 110.8 95.4 135.4





#33

4-Chloroaniline

Concen: 4.380 ng

RT: 8.228 min Scan# 1043

Delta R.T. -0.006 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

Tgt Ion:127 Resp: 14598

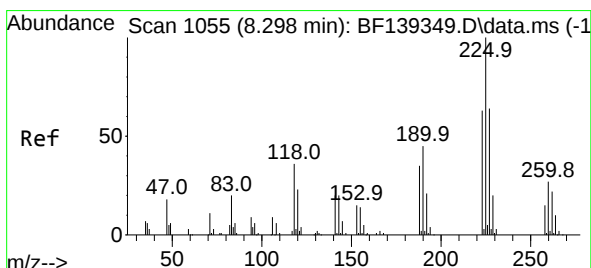
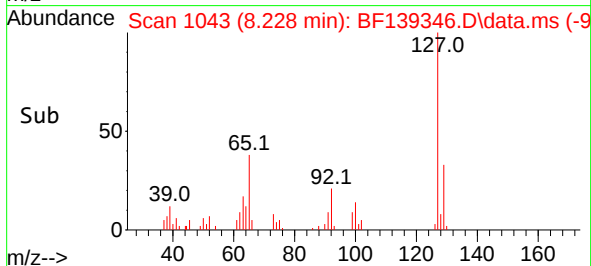
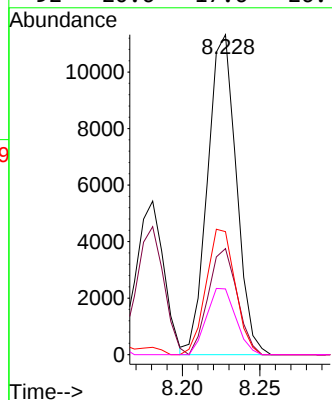
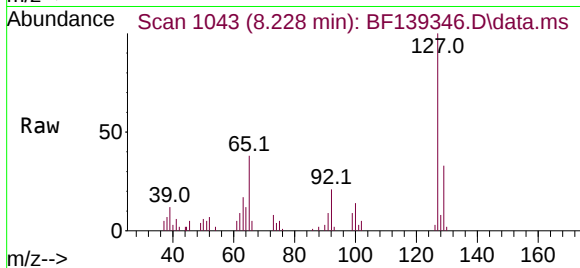
Ion Ratio Lower Upper

127 100

129 33.2 25.5 38.3

65 38.5 31.5 47.3

92 20.6 17.6 26.4



#34

Hexachlorobutadiene

Concen: 5.764 ng

RT: 8.298 min Scan# 1055

Delta R.T. -0.000 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

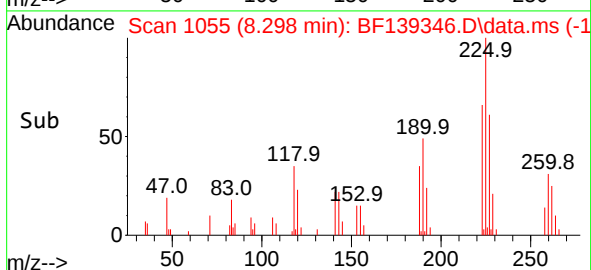
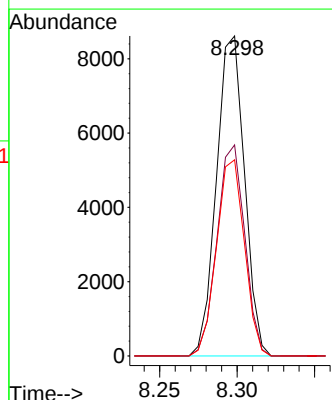
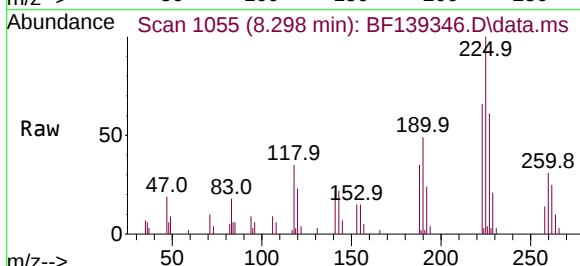
Tgt Ion:225 Resp: 10851

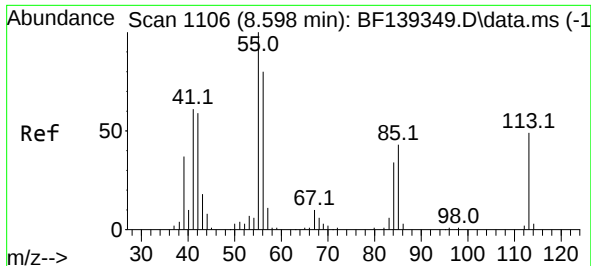
Ion Ratio Lower Upper

225 100

223 66.0 50.1 75.1

227 61.3 51.0 76.6





#35

Caprolactam

Concen: 5.154 ng

RT: 8.551 min Scan# 1106

Delta R.T. -0.047 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

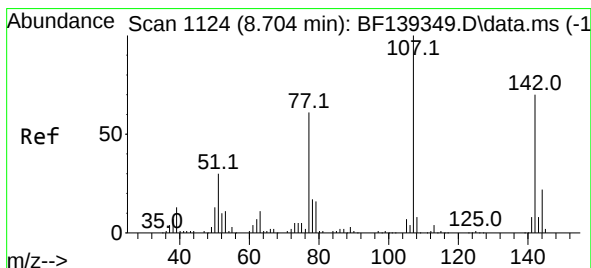
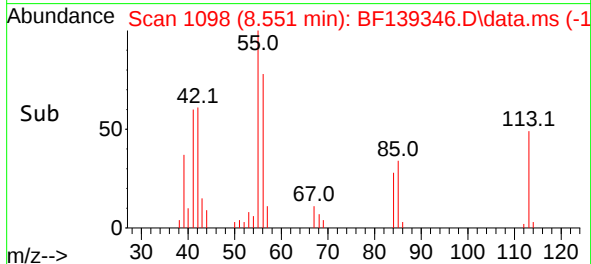
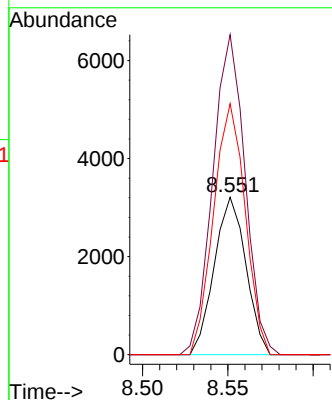
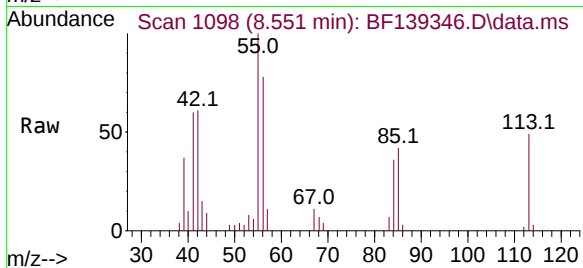
Tgt Ion:113 Resp: 4150

Ion Ratio Lower Upper

113 100

55 203.3 186.1 226.1

56 159.4 144.9 184.9



#36

4-Chloro-3-methylphenol

Concen: 5.281 ng

RT: 8.698 min Scan# 1123

Delta R.T. -0.006 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

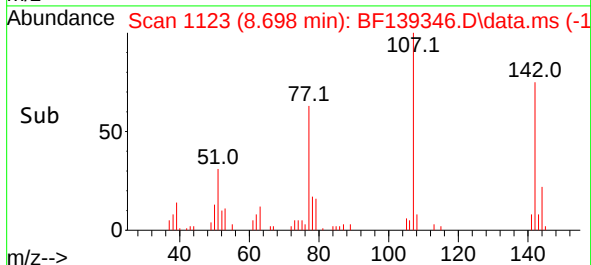
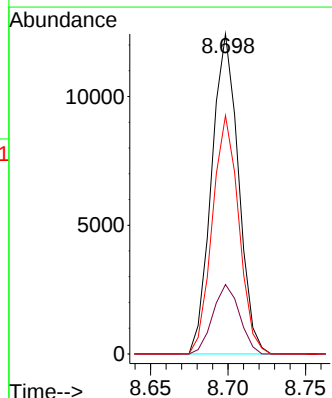
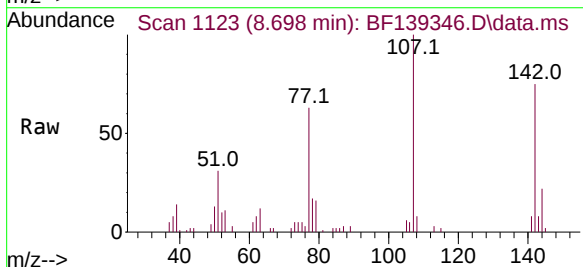
Tgt Ion:107 Resp: 14968

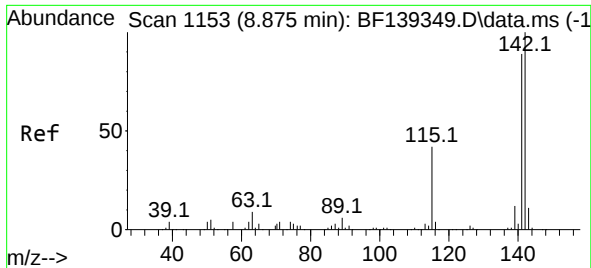
Ion Ratio Lower Upper

107 100

144 21.7 17.5 26.3

142 74.5 55.8 83.8





#37

2-Methylnaphthalene

Concen: 5.306 ng

RT: 8.869 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

Instrument :

BNA\_F

ClientSampleId :

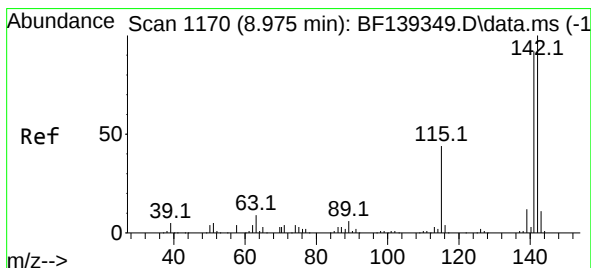
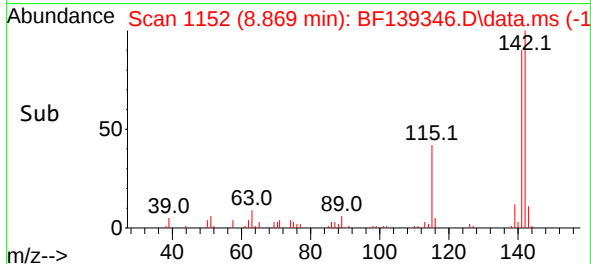
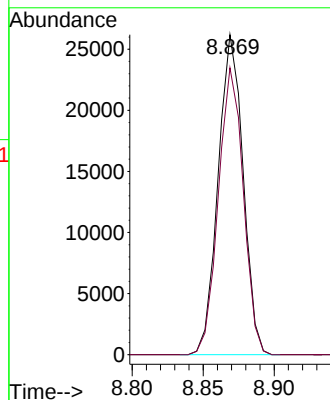
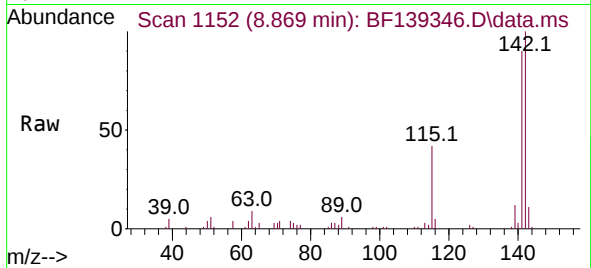
SSTDICC005

Tgt Ion:142 Resp: 31958

Ion Ratio Lower Upper

142 100

141 89.7 71.6 107.4



#38

1-Methylnaphthalene

Concen: 5.261 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF139346.D

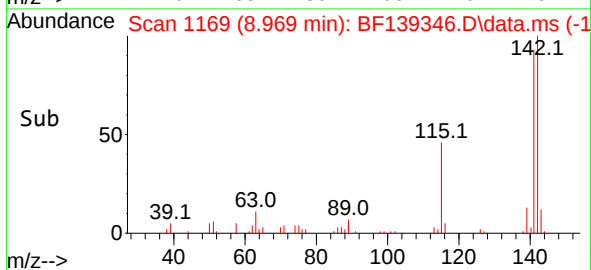
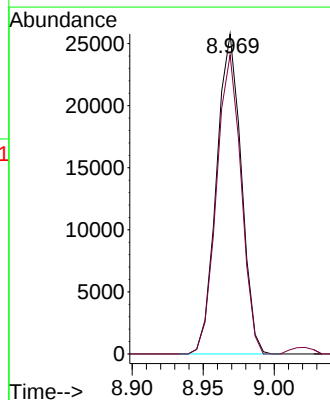
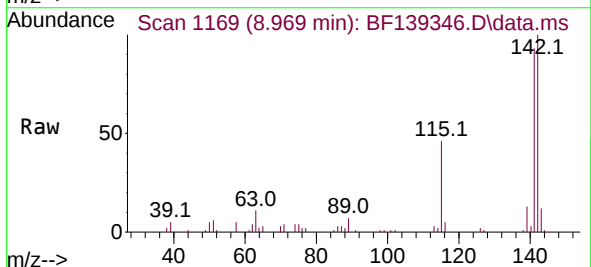
Acq: 13 Sep 2024 15:00

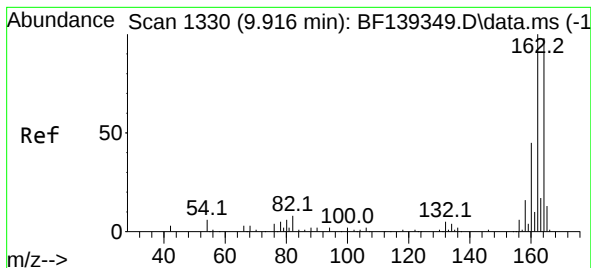
Tgt Ion:142 Resp: 31162

Ion Ratio Lower Upper

142 100

141 93.5 73.2 109.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

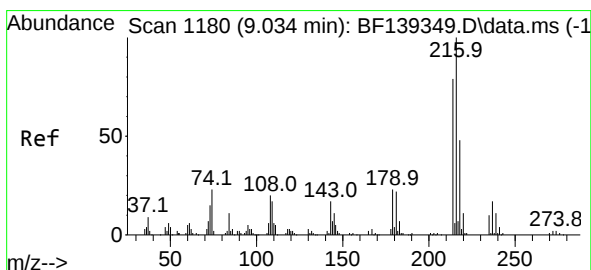
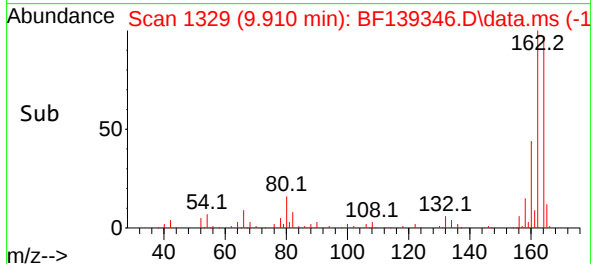
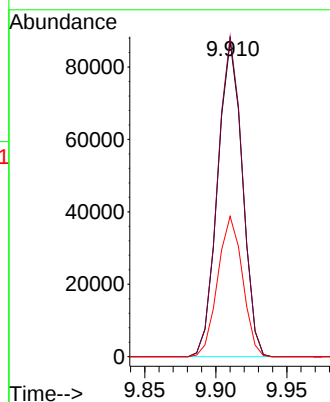
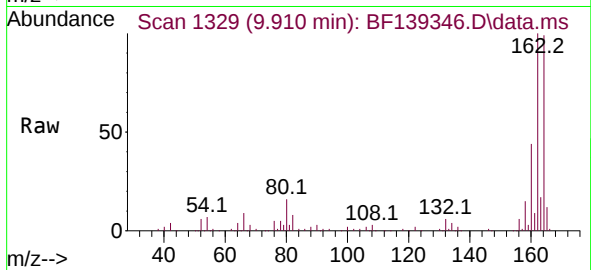
Tgt Ion:164 Resp: 105494

Ion Ratio Lower Upper

164 100

162 101.5 81.3 121.9

160 44.5 36.4 54.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 5.298 ng

RT: 9.034 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

Tgt Ion:216 Resp: 15812

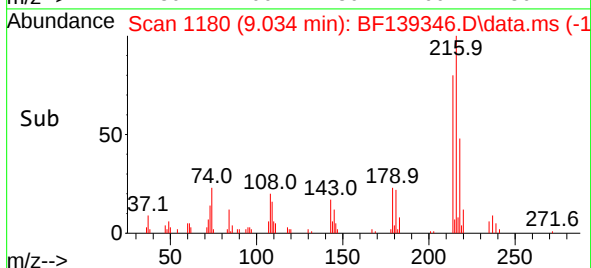
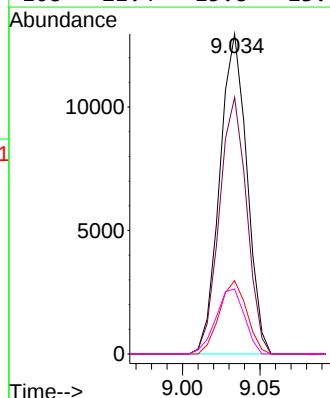
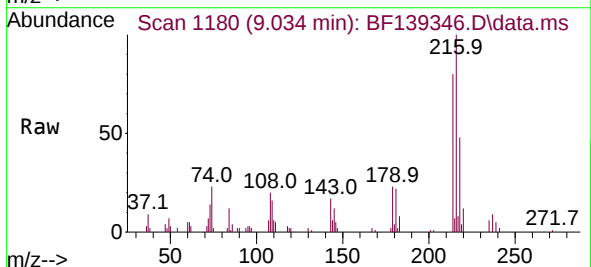
Ion Ratio Lower Upper

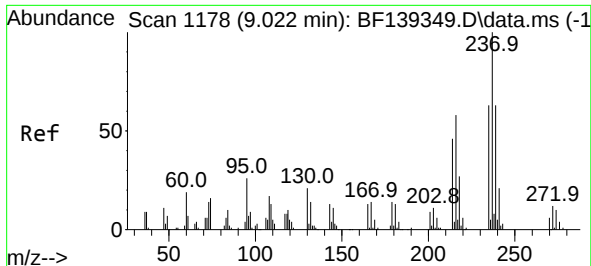
216 100

214 80.4 63.4 95.0

179 23.0 18.2 27.2

108 21.4 15.8 23.6

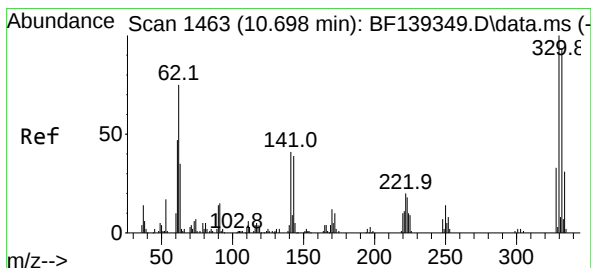
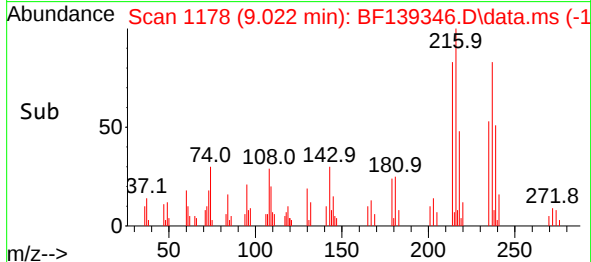
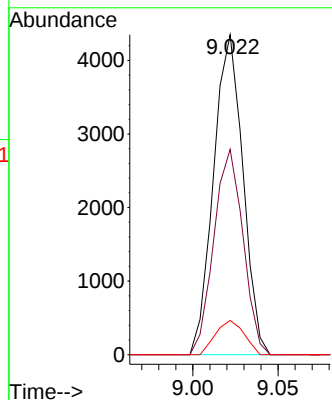
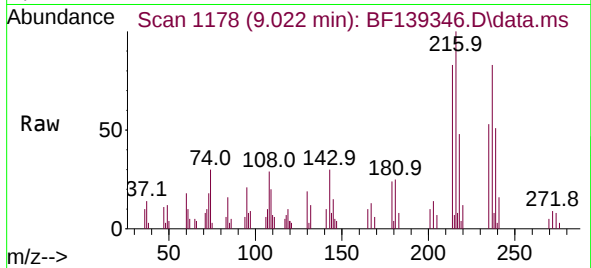




#41  
Hexachlorocyclopentadiene  
Concen: 5.439 ng  
RT: 9.022 min Scan# 1178  
Delta R.T. -0.000 min  
Lab File: BF139346.D  
Acq: 13 Sep 2024 15:00

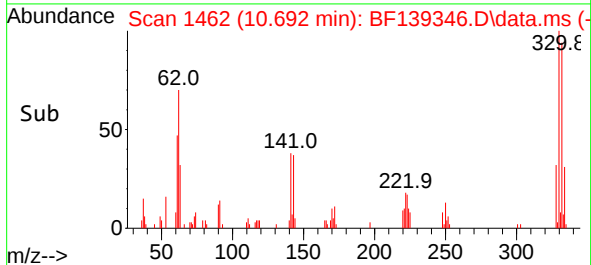
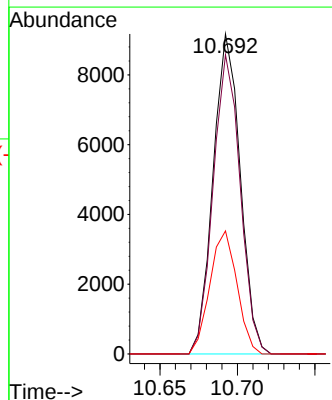
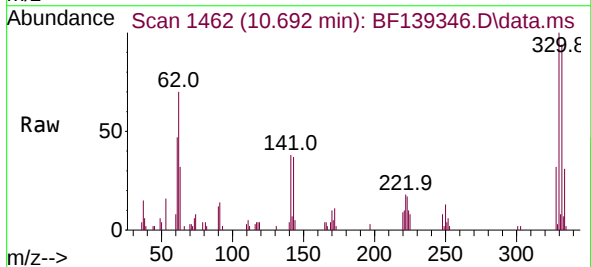
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005

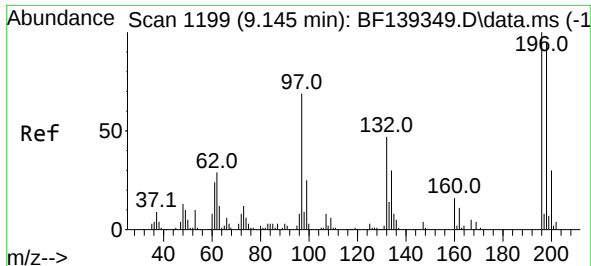
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:237 | Resp: | 5217      |
| Ion Ratio   | Lower | Upper     |
| 237         | 100   |           |
| 235         | 64.1  | 42.7 82.7 |
| 272         | 10.7  | 0.0 32.5  |



#42  
2,4,6-Tribromophenol  
Concen: 12.249 ng  
RT: 10.692 min Scan# 1462  
Delta R.T. -0.006 min  
Lab File: BF139346.D  
Acq: 13 Sep 2024 15:00

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:330 | Resp: | 11158      |
| Ion Ratio   | Lower | Upper      |
| 330         | 100   |            |
| 332         | 93.2  | 75.2 112.8 |
| 141         | 38.4  | 31.2 46.8  |

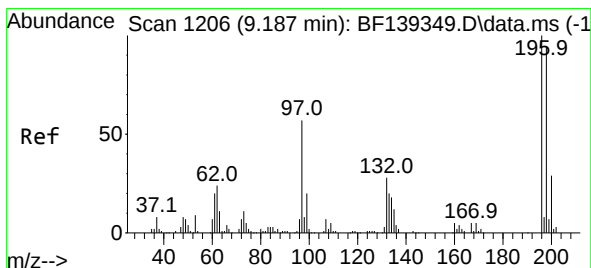
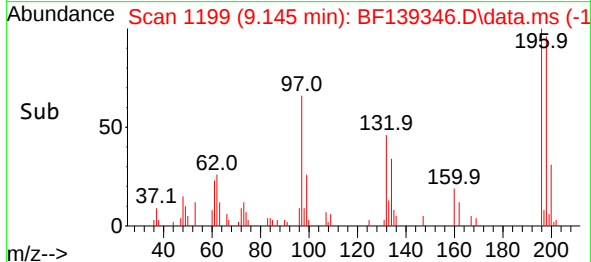
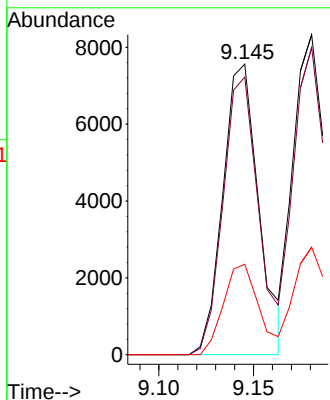
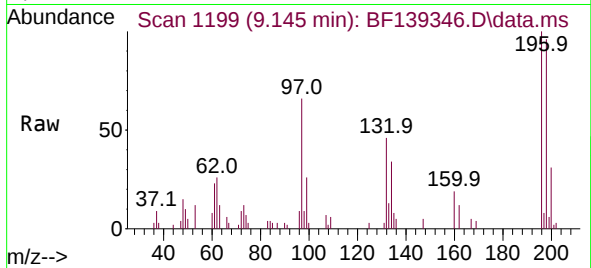




#43  
2,4,6-Trichlorophenol  
Concen: 5.103 ng  
RT: 9.145 min Scan# 1199  
Delta R.T. -0.000 min  
Lab File: BF139346.D  
Acq: 13 Sep 2024 15:00

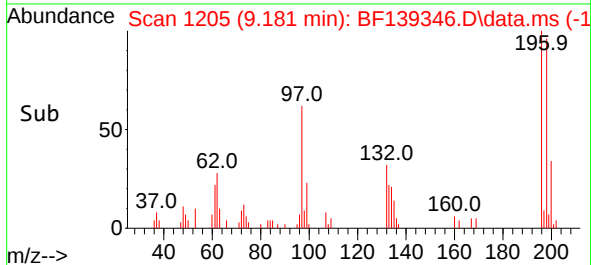
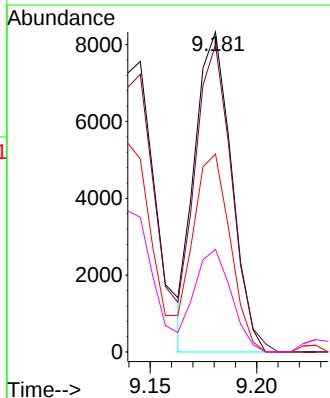
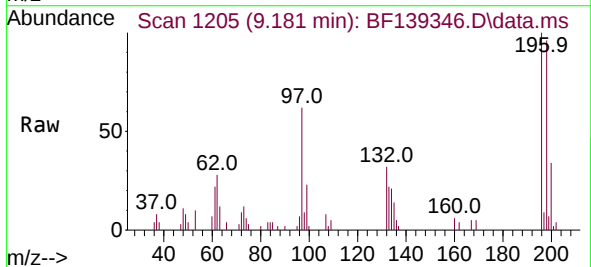
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005

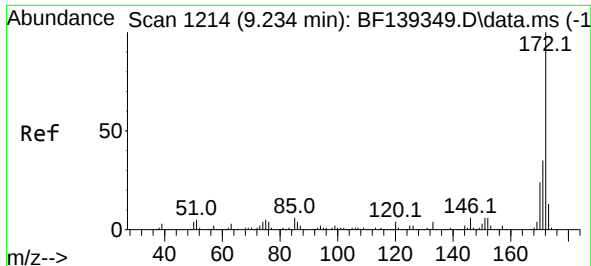
Tgt Ion:196 Resp: 9966  
Ion Ratio Lower Upper  
196 100  
198 95.6 75.8 113.6  
200 31.1 24.1 36.1



#44  
2,4,5-Trichlorophenol  
Concen: 4.872 ng  
RT: 9.181 min Scan# 1205  
Delta R.T. -0.006 min  
Lab File: BF139346.D  
Acq: 13 Sep 2024 15:00

Tgt Ion:196 Resp: 9970  
Ion Ratio Lower Upper  
196 100  
198 96.0 74.8 112.2  
97 61.8 47.3 70.9  
132 32.1 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 11.346 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

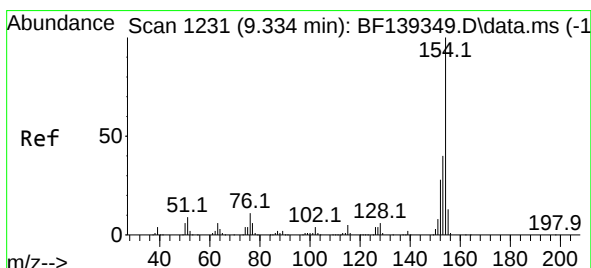
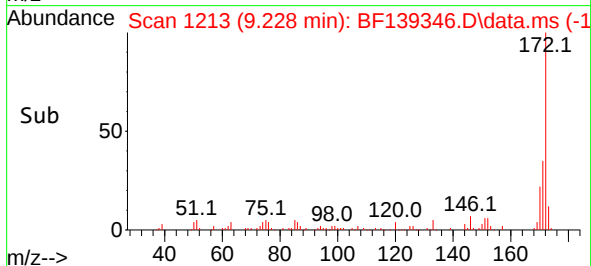
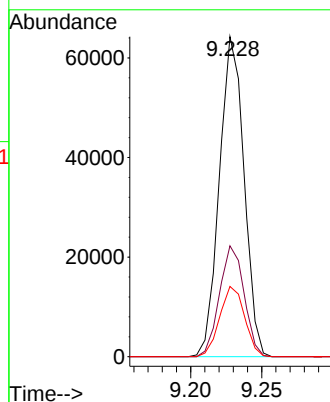
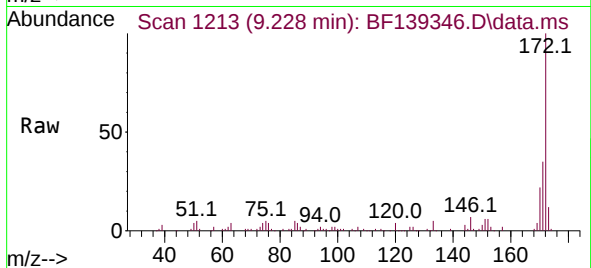
Tgt Ion:172 Resp: 77537

Ion Ratio Lower Upper

172 100

171 34.6 28.3 42.5

170 22.0 19.0 28.6



#46

1,1'-Biphenyl

Concen: 5.449 ng

RT: 9.334 min Scan# 1231

Delta R.T. -0.000 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

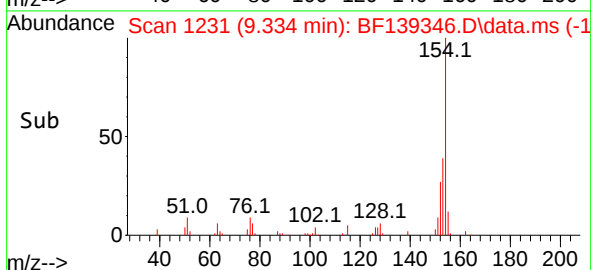
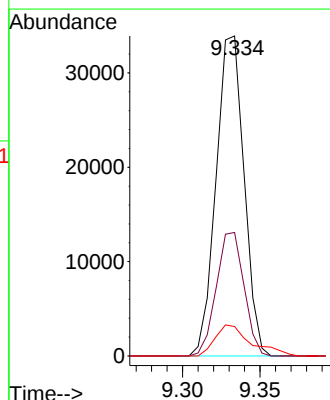
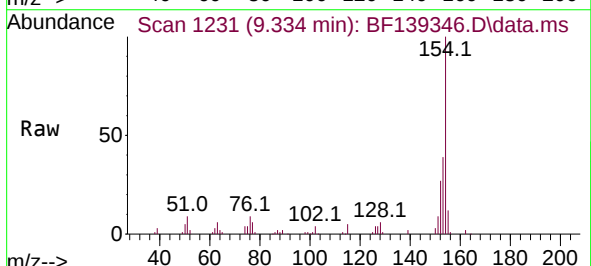
Tgt Ion:154 Resp: 42592

Ion Ratio Lower Upper

154 100

153 38.6 20.1 60.1

76 9.2 0.0 31.1





#47

2-Chloronaphthalene

Concen: 5.050 ng

RT: 9.357 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

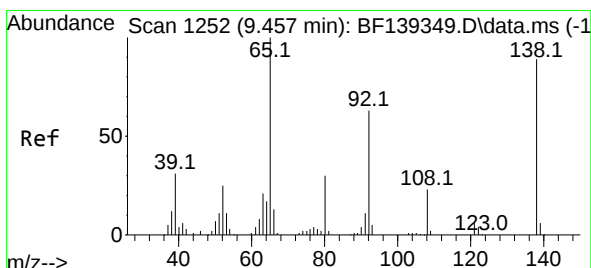
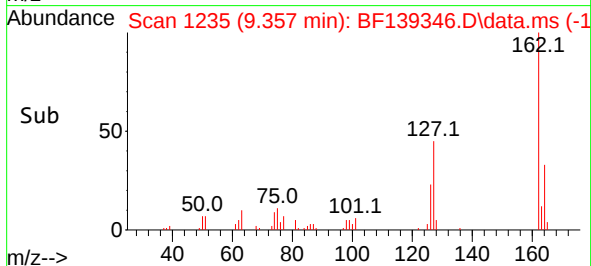
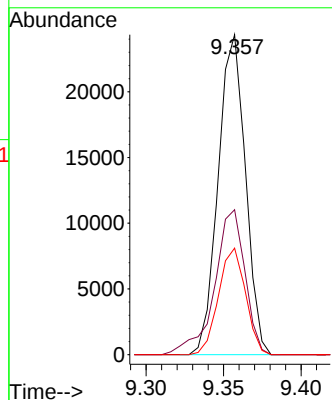
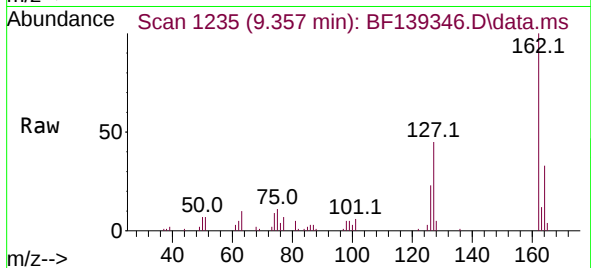
Tgt Ion:162 Resp: 29802

Ion Ratio Lower Upper

162 100

127 45.3 35.0 52.4

164 33.3 25.8 38.6



#48

2-Nitroaniline

Concen: 5.025 ng

RT: 9.445 min Scan# 1250

Delta R.T. -0.012 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

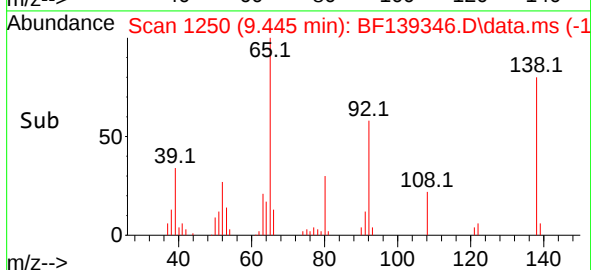
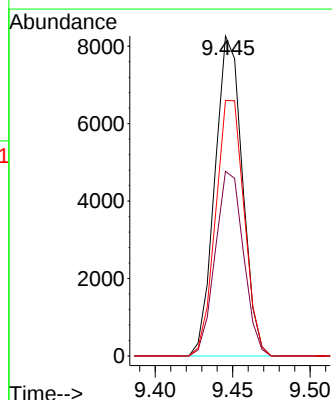
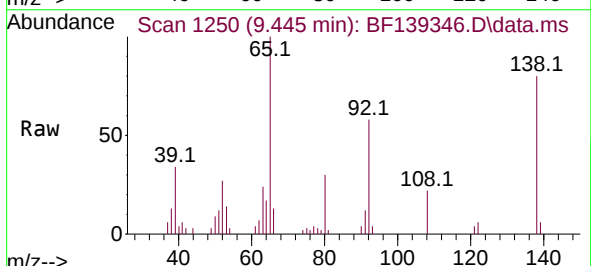
Tgt Ion: 65 Resp: 10214

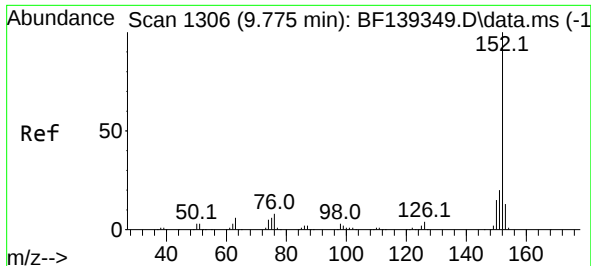
Ion Ratio Lower Upper

65 100

92 57.7 50.3 75.5

138 79.8 71.3 106.9





#49

Acenaphthylene

Concen: 5.031 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

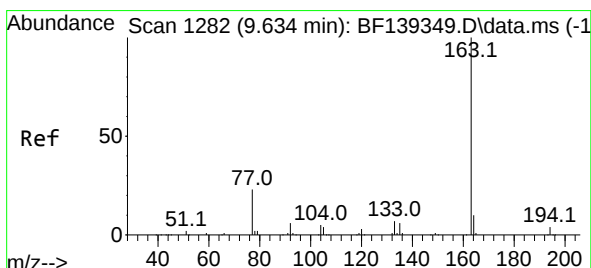
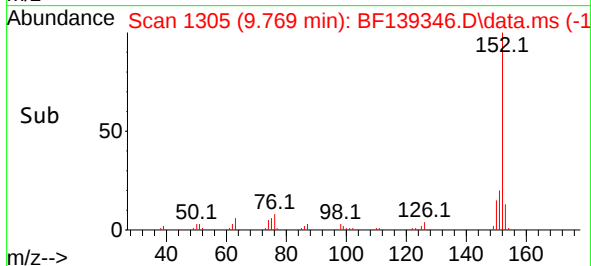
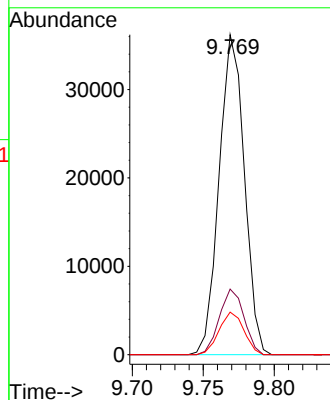
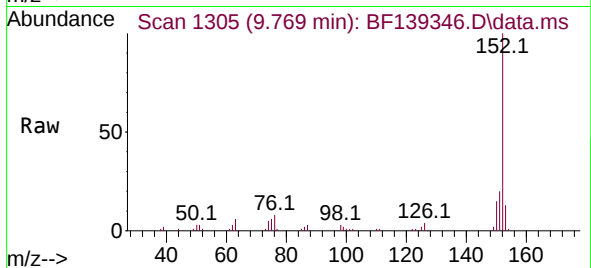
Tgt Ion:152 Resp: 44722

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.2

153 13.3 10.3 15.5



#50

Dimethylphthalate

Concen: 5.437 ng

RT: 9.622 min Scan# 1280

Delta R.T. -0.012 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

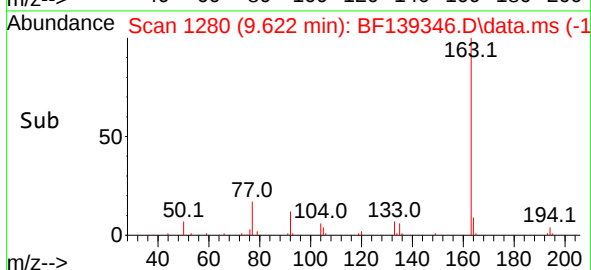
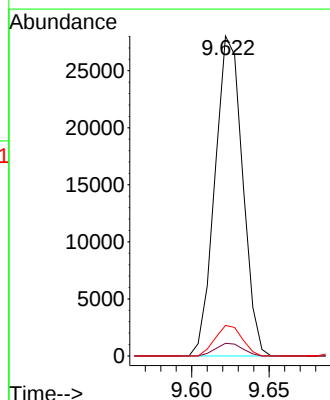
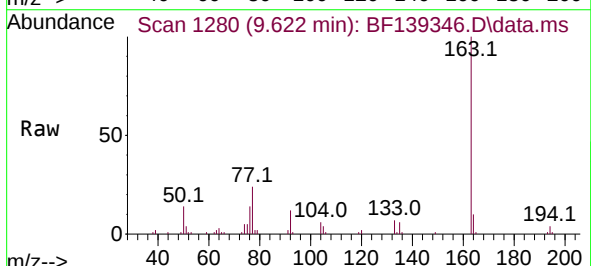
Tgt Ion:163 Resp: 34763

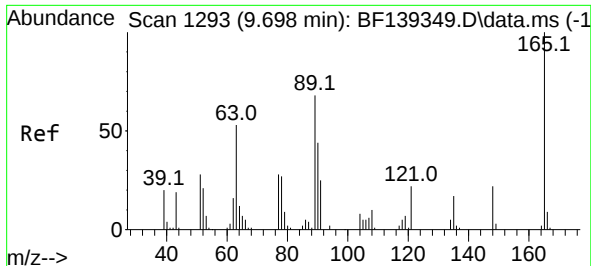
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 9.6 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 4.754 ng

RT: 9.686 min Scan# 1291

Delta R.T. -0.012 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

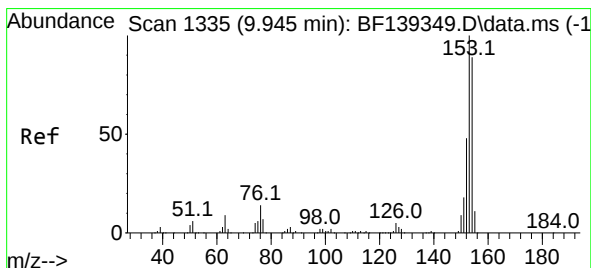
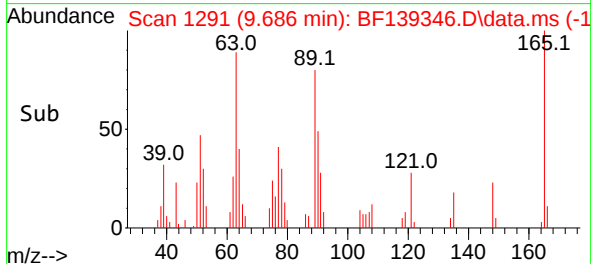
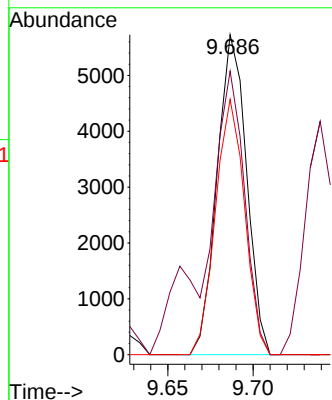
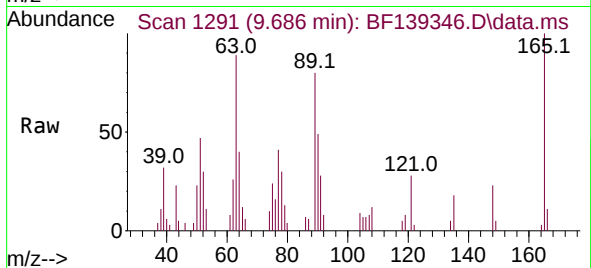
Tgt Ion:165 Resp: 6896

Ion Ratio Lower Upper

165 100

63 88.6 60.9 91.3

89 79.8 54.7 82.1



#52

Acenaphthene

Concen: 5.305 ng

RT: 9.939 min Scan# 1334

Delta R.T. -0.006 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

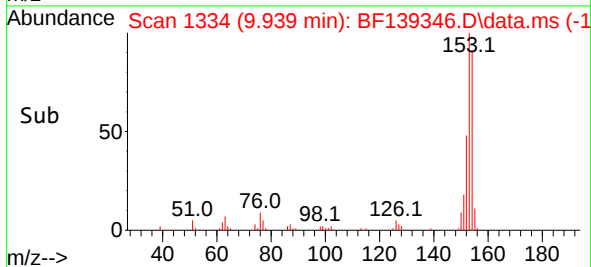
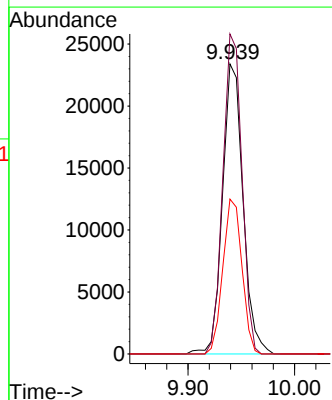
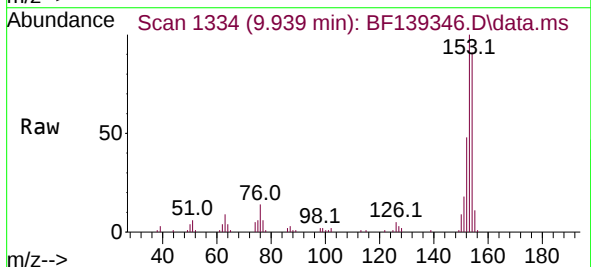
Tgt Ion:154 Resp: 31279

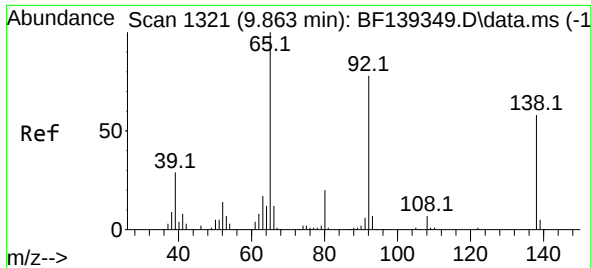
Ion Ratio Lower Upper

154 100

153 110.3 89.5 134.3

152 53.4 42.6 64.0

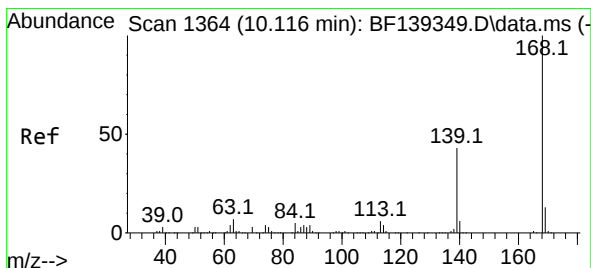
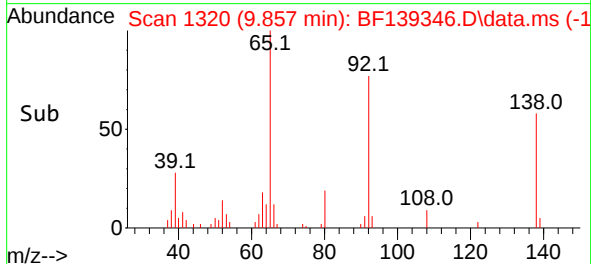
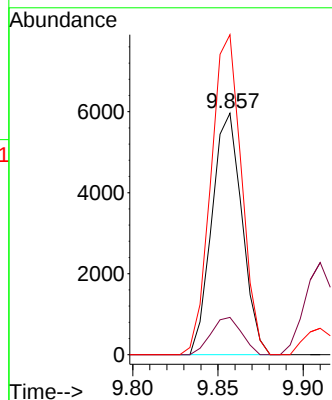
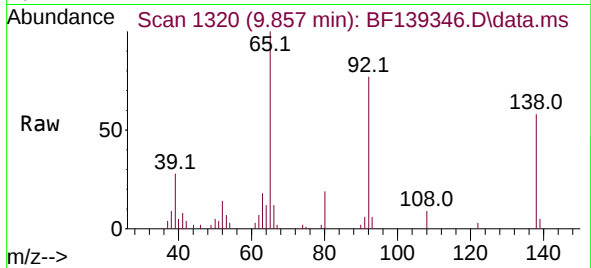




#53  
3-Nitroaniline  
Concen: 4.760 ng  
RT: 9.857 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF139346.D  
Acq: 13 Sep 2024 15:00

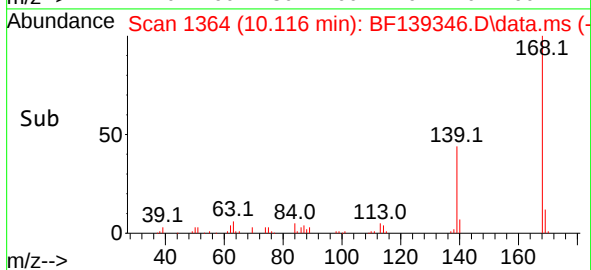
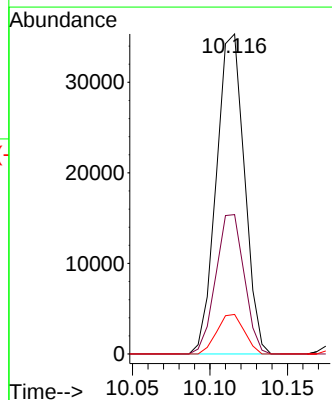
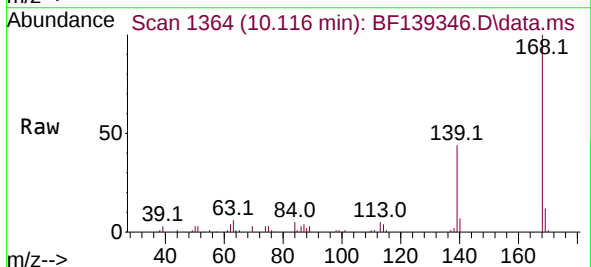
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005

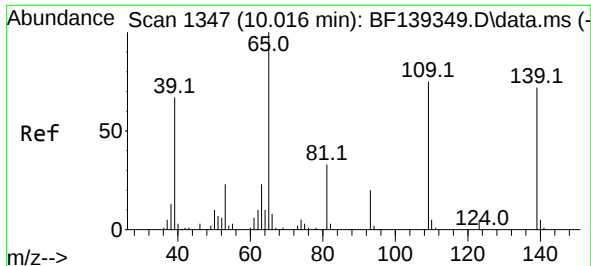
Tgt Ion:138 Resp: 7356  
Ion Ratio Lower Upper  
138 100  
108 15.5 9.8 14.8#  
92 132.5 107.4 161.2



#55  
Dibenzofuran  
Concen: 5.264 ng  
RT: 10.116 min Scan# 1364  
Delta R.T. -0.000 min  
Lab File: BF139346.D  
Acq: 13 Sep 2024 15:00

Tgt Ion:168 Resp: 44498  
Ion Ratio Lower Upper  
168 100  
139 43.6 34.1 51.1  
169 12.3 10.5 15.7

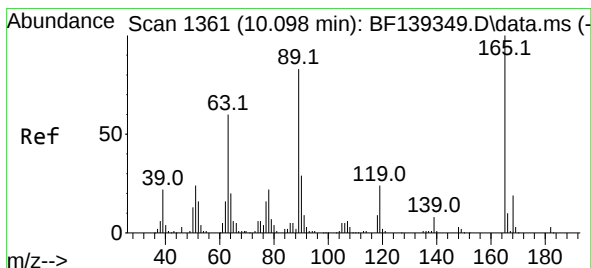
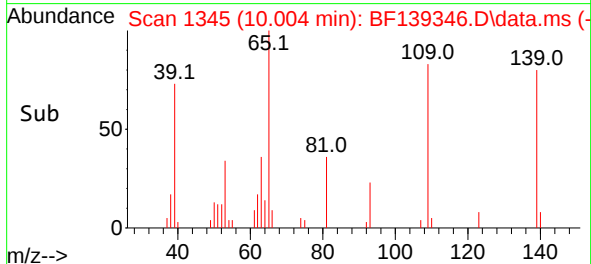
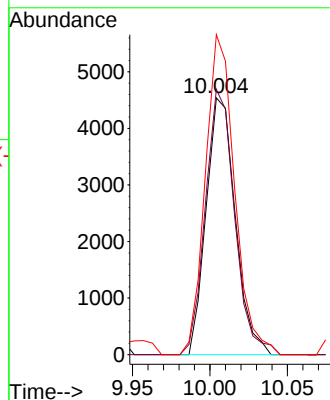
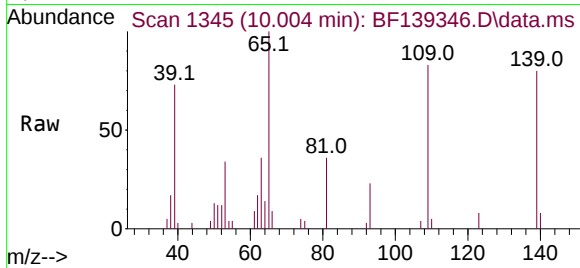




#56  
4-Nitrophenol  
Concen: 5.212 ng  
RT: 10.004 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF139346.D  
Acq: 13 Sep 2024 15:00

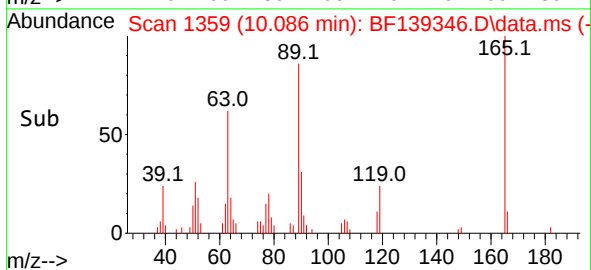
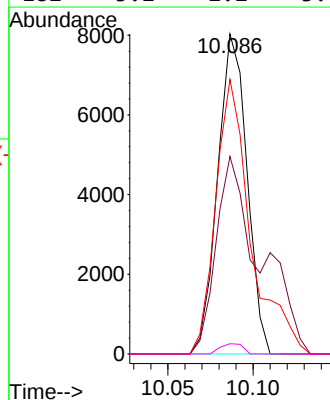
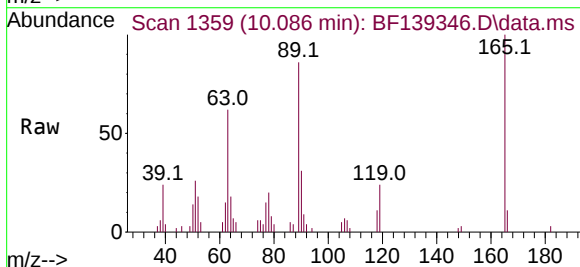
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005

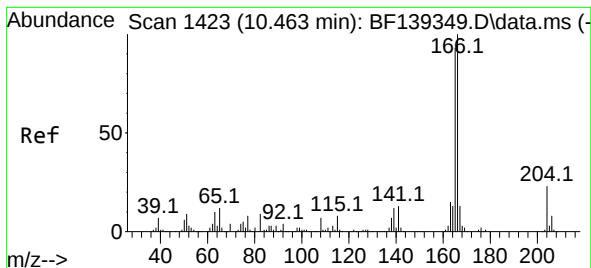
Tgt Ion:139 Resp: 5945  
Ion Ratio Lower Upper  
139 100  
109 103.3 84.1 124.1  
65 124.6 120.0 160.0



#57  
2,4-Dinitrotoluene  
Concen: 5.201 ng  
RT: 10.086 min Scan# 1359  
Delta R.T. -0.012 min  
Lab File: BF139346.D  
Acq: 13 Sep 2024 15:00

Tgt Ion:165 Resp: 9602  
Ion Ratio Lower Upper  
165 100  
63 61.7 47.8 71.6  
89 85.8 66.7 100.1  
182 3.2 2.2 3.4





#58

Fluorene

Concen: 5.526 ng

RT: 10.457 min Scan# 1423

Delta R.T. -0.006 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

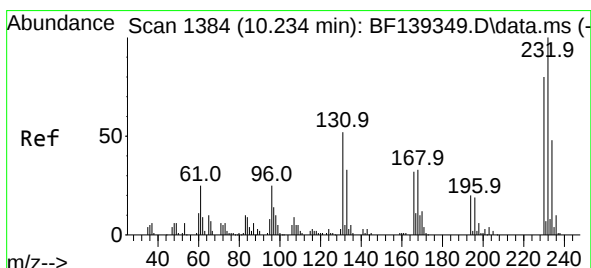
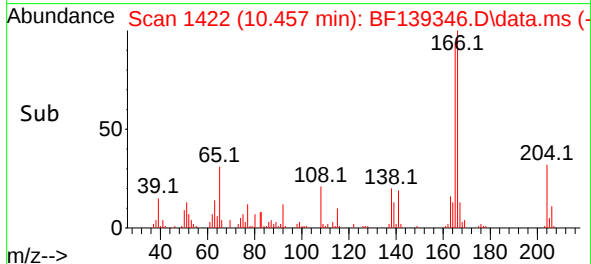
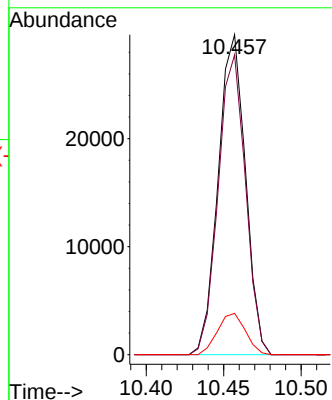
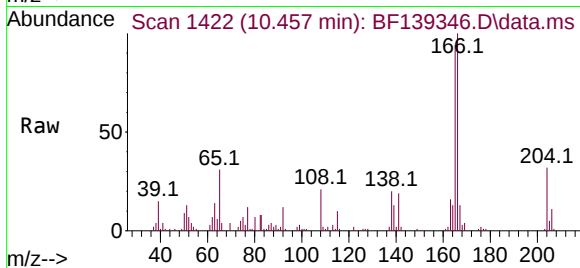
Tgt Ion:166 Resp: 36214

Ion Ratio Lower Upper

166 100

165 93.7 74.5 111.7

167 12.9 10.6 16.0



#59

2,3,4,6-Tetrachlorophenol

Concen: 5.185 ng

RT: 10.228 min Scan# 1383

Delta R.T. -0.006 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

Tgt Ion:232 Resp: 8352

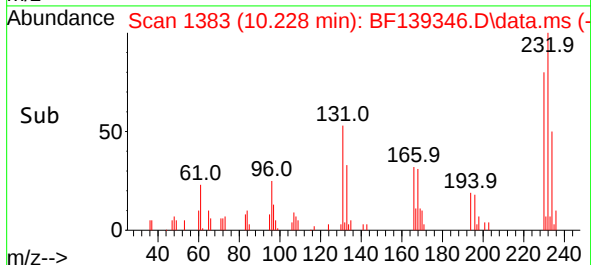
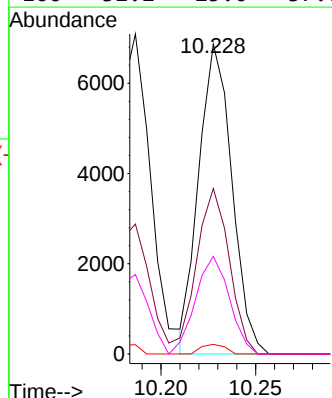
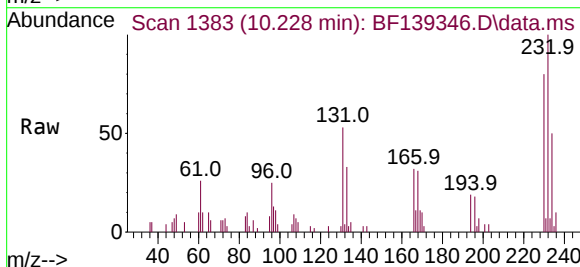
Ion Ratio Lower Upper

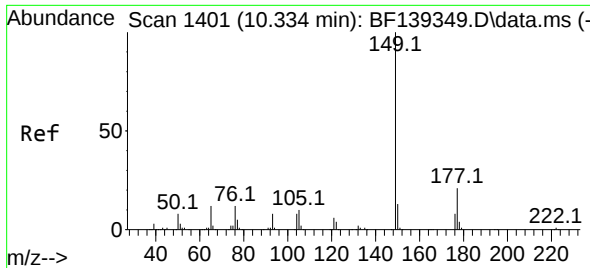
232 100

131 52.8 40.7 61.1

130 2.3 2.2 3.2

166 32.2 25.0 37.6

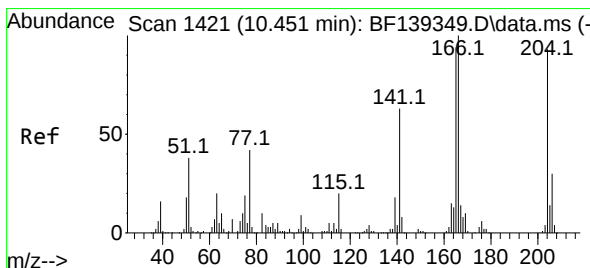
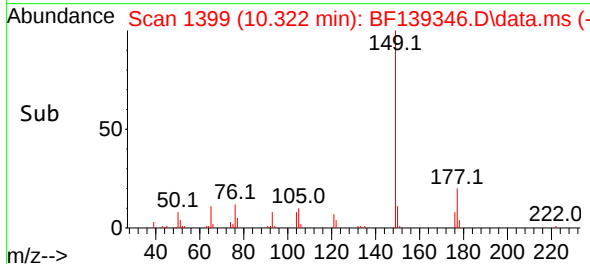
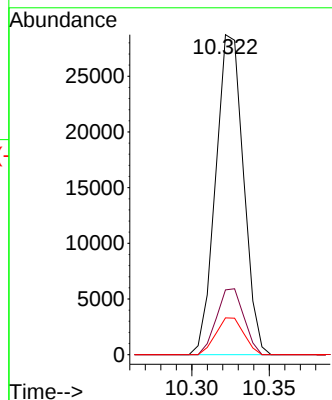
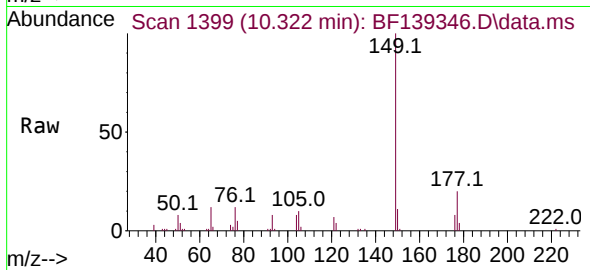




#60  
Diethylphthalate  
Concen: 5.696 ng  
RT: 10.322 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF139346.D  
Acq: 13 Sep 2024 15:00

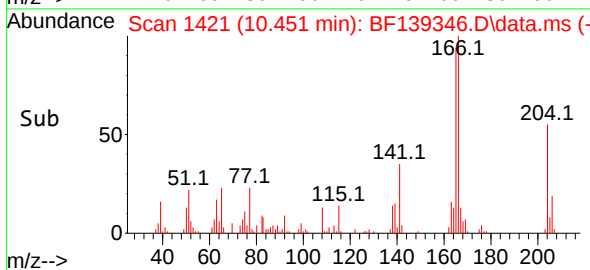
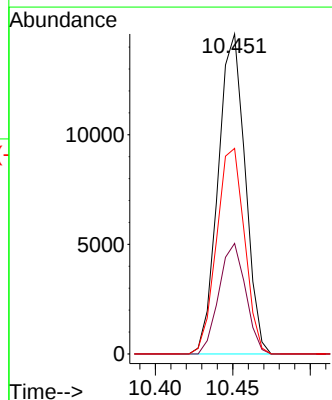
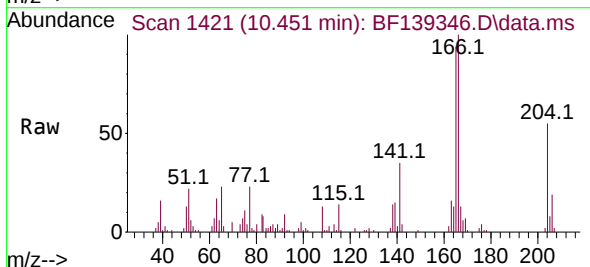
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005

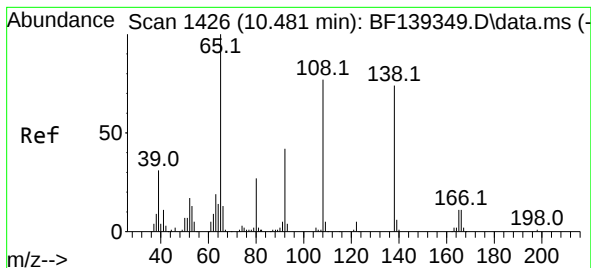
Tgt Ion:149 Resp: 35843  
Ion Ratio Lower Upper  
149 100  
177 20.3 16.6 24.8  
150 11.5 10.6 15.8



#61  
4-Chlorophenyl-phenylether  
Concen: 5.602 ng  
RT: 10.451 min Scan# 1421  
Delta R.T. -0.000 min  
Lab File: BF139346.D  
Acq: 13 Sep 2024 15:00

Tgt Ion:204 Resp: 17706  
Ion Ratio Lower Upper  
204 100  
206 34.5 26.2 39.2  
141 64.2 53.9 80.9

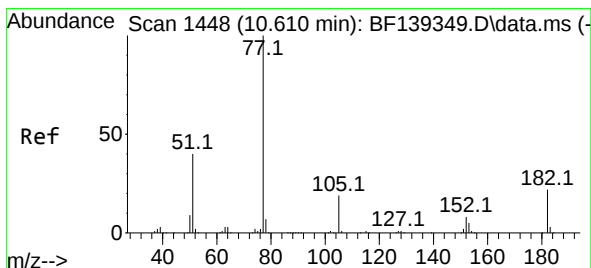
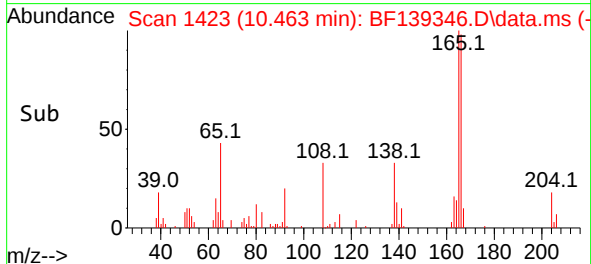
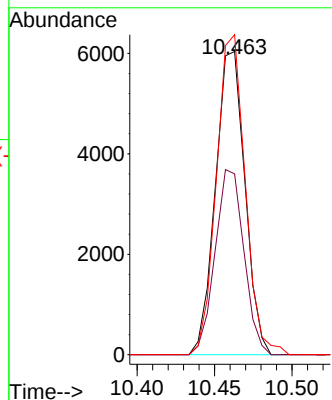
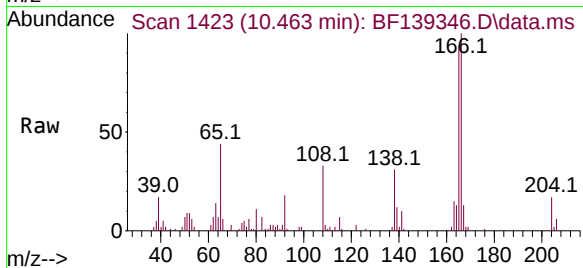




#62  
4-Nitroaniline  
Concen: 5.437 ng  
RT: 10.463 min Scan# 1423  
Delta R.T. -0.018 min  
Lab File: BF139346.D  
Acq: 13 Sep 2024 15:00

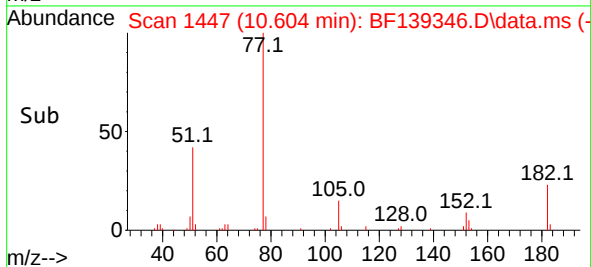
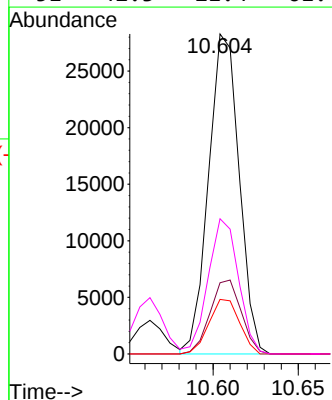
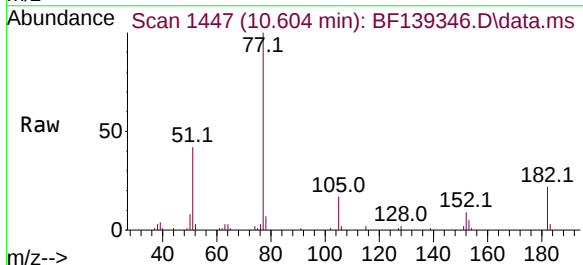
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005

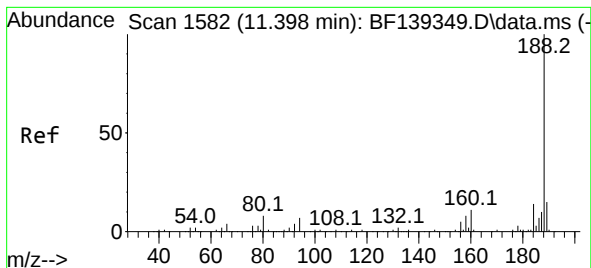
Tgt Ion:138 Resp: 7998  
Ion Ratio Lower Upper  
138 100  
92 59.6 37.0 77.0  
108 105.5 84.4 124.4



#63  
Azobenzene  
Concen: 5.331 ng  
RT: 10.604 min Scan# 1447  
Delta R.T. -0.006 min  
Lab File: BF139346.D  
Acq: 13 Sep 2024 15:00

Tgt Ion: 77 Resp: 35354  
Ion Ratio Lower Upper  
77 100  
182 22.3 1.8 41.8  
105 17.0 0.0 38.6  
51 42.3 21.4 61.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

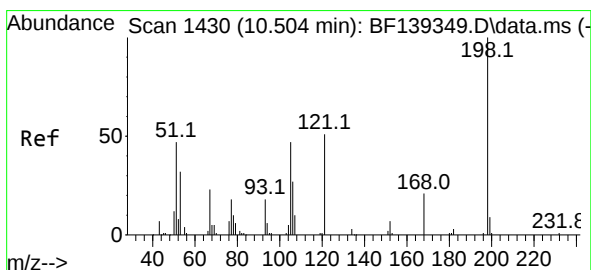
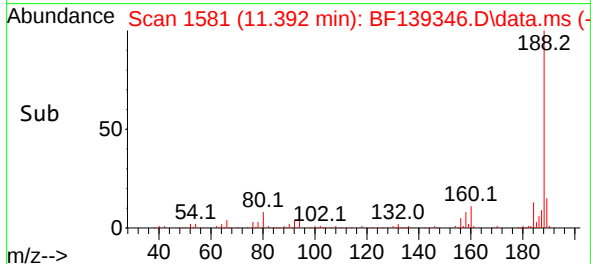
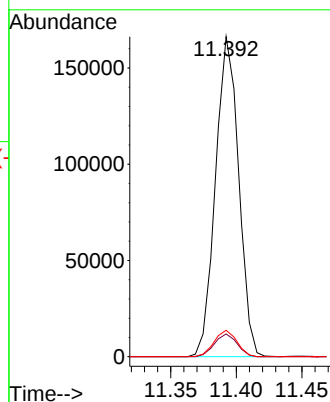
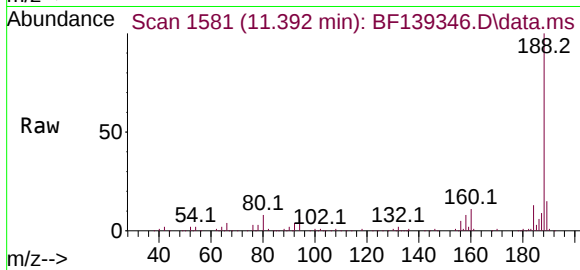
Tgt Ion:188 Resp: 203939

Ion Ratio Lower Upper

188 100

94 7.1 5.5 8.3

80 8.3 6.6 9.8



#65

4,6-Dinitro-2-methylphenol

Concen: 4.053 ng

RT: 10.492 min Scan# 1428

Delta R.T. -0.012 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

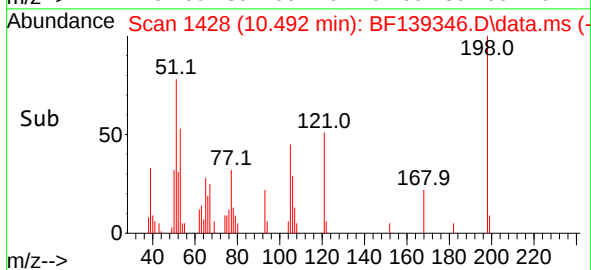
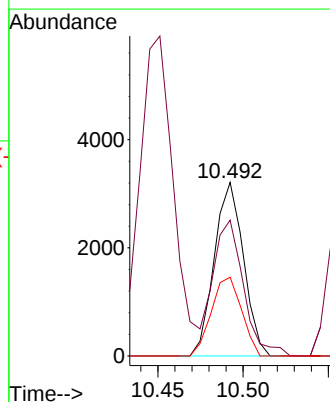
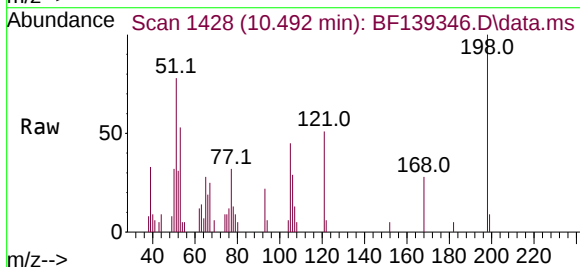
Tgt Ion:198 Resp: 3819

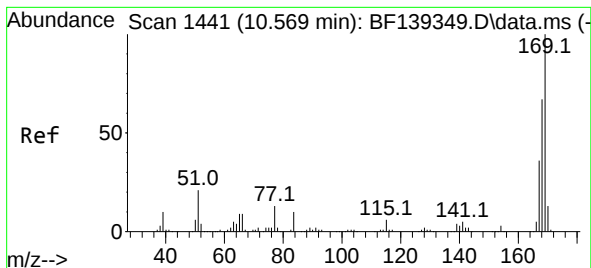
Ion Ratio Lower Upper

198 100

51 78.3 50.4 90.4

105 45.4 28.3 68.3





#66

n-Nitrosodiphenylamine

Concen: 4.993 ng

RT: 10.563 min Scan# 1441

Delta R.T. -0.006 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

Instrument :

BNA\_F

ClientSampleId :

SSTDIC005

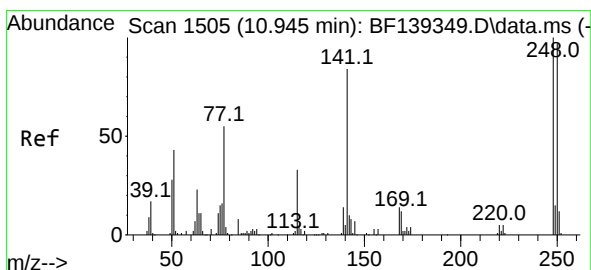
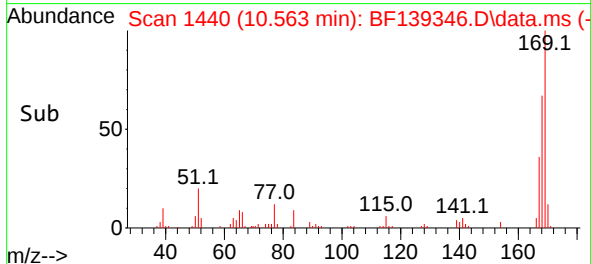
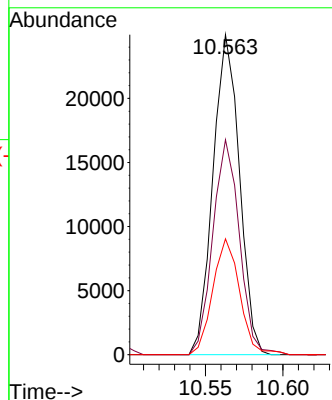
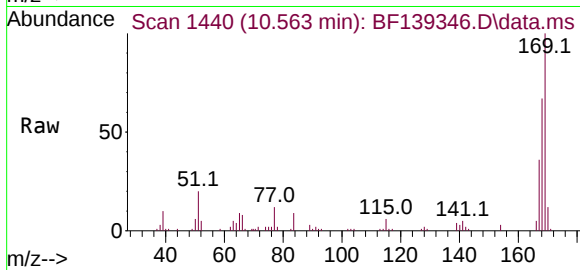
Tgt Ion:169 Resp: 29638

Ion Ratio Lower Upper

169 100

168 67.1 53.6 80.4

167 36.2 28.7 43.1



#67

4-Bromophenyl-phenylether

Concen: 4.908 ng

RT: 10.939 min Scan# 1504

Delta R.T. -0.006 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

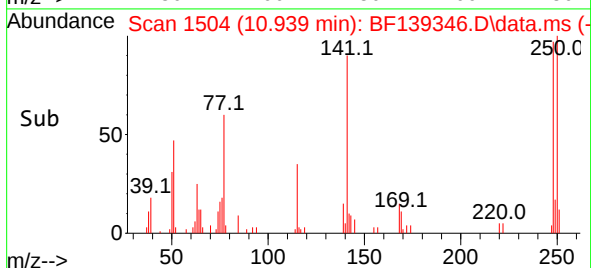
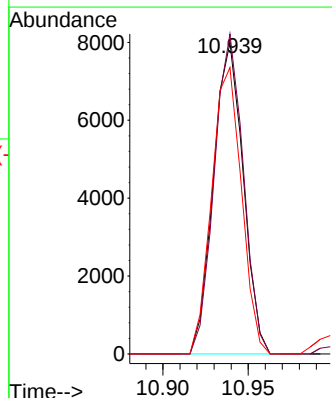
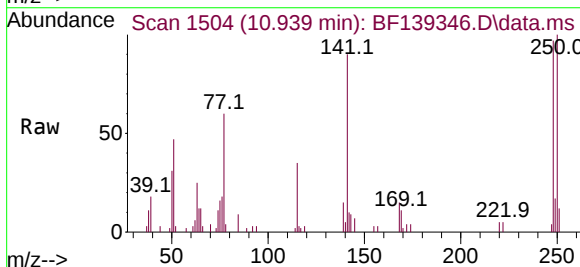
Tgt Ion:248 Resp: 9712

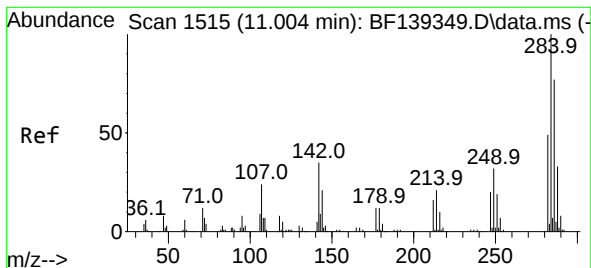
Ion Ratio Lower Upper

248 100

250 102.8 77.6 116.4

141 92.0 66.9 100.3





#68

Hexachlorobenzene

Concen: 5.225 ng

RT: 10.998 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

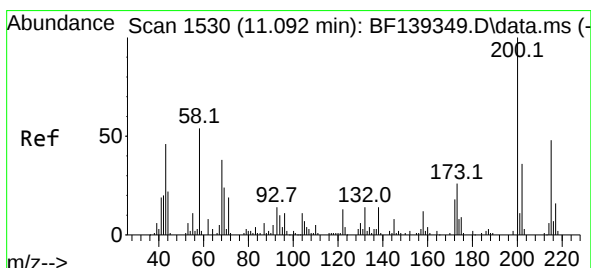
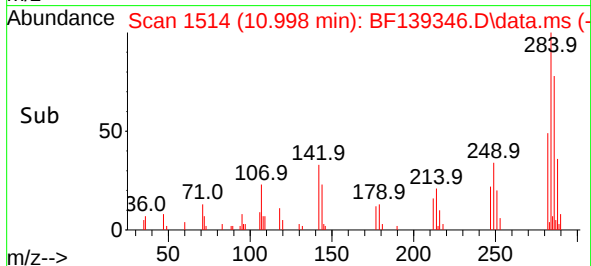
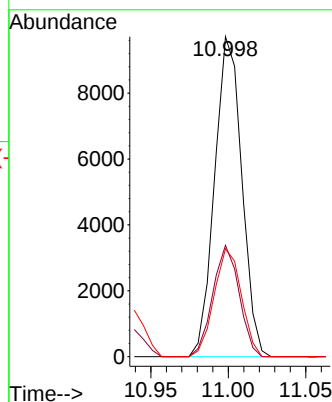
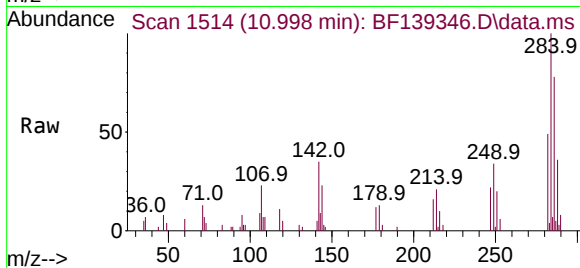
Tgt Ion:284 Resp: 11835

Ion Ratio Lower Upper

284 100

142 34.8 28.0 42.0

249 33.7 25.3 37.9



#69

Atrazine

Concen: 6.516 ng

RT: 11.086 min Scan# 1529

Delta R.T. -0.006 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

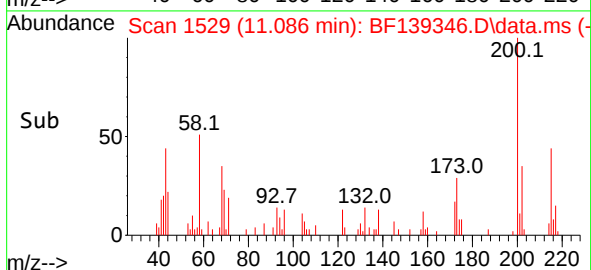
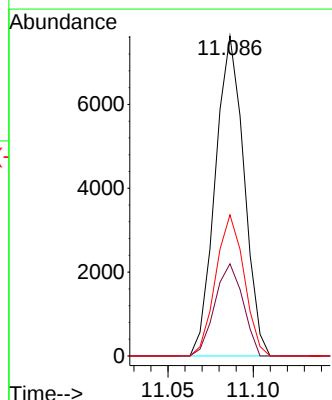
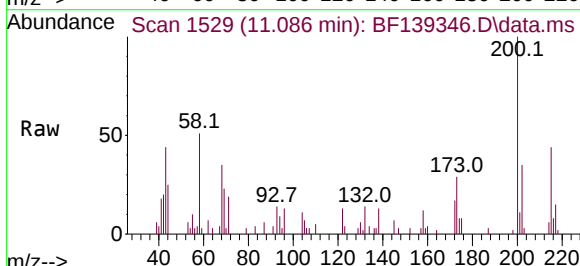
Tgt Ion:200 Resp: 8924

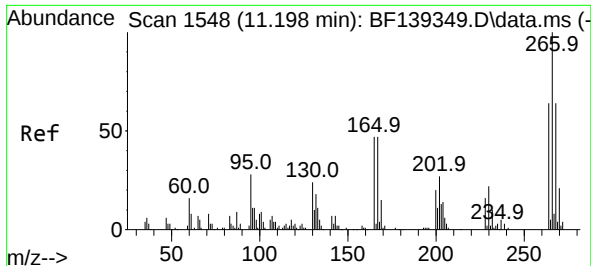
Ion Ratio Lower Upper

200 100

173 28.8 6.1 46.1

215 44.1 28.2 68.2





#70

Pentachlorophenol

Concen: 4.807 ng

RT: 11.192 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

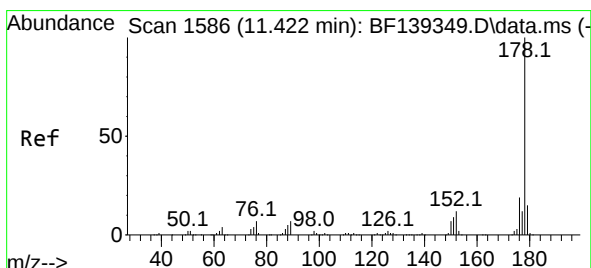
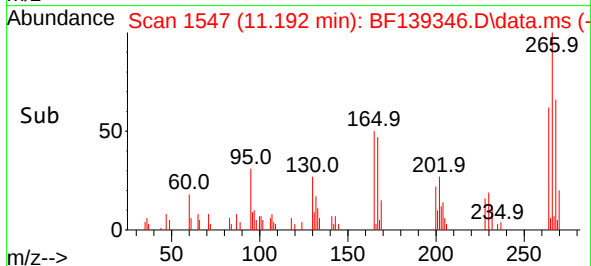
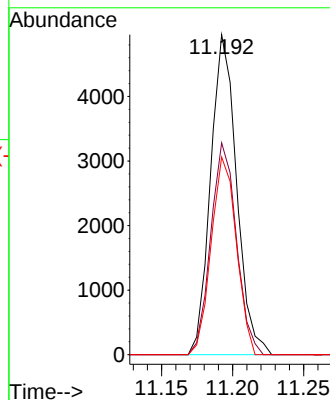
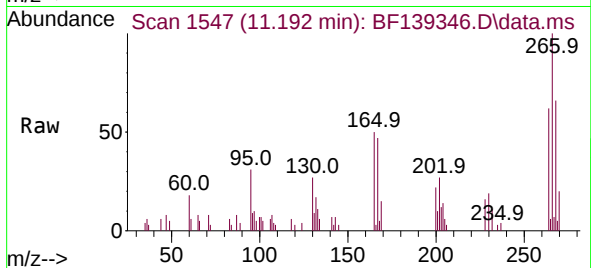
Tgt Ion:266 Resp: 6290

Ion Ratio Lower Upper

266 100

268 66.2 51.1 76.7

264 61.7 51.4 77.0



#71

Phenanthrene

Concen: 5.251 ng

RT: 11.416 min Scan# 1585

Delta R.T. -0.006 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

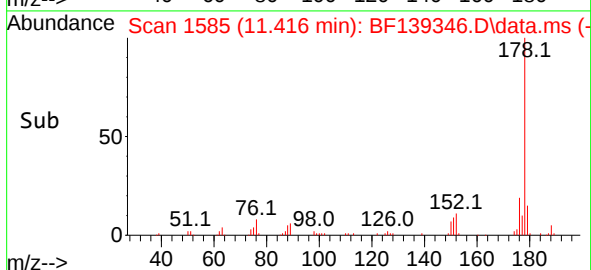
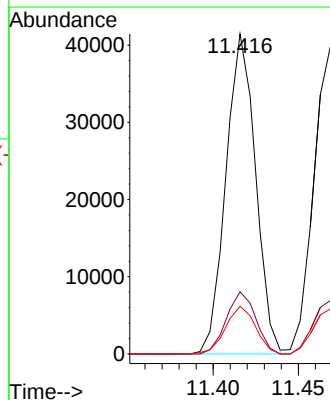
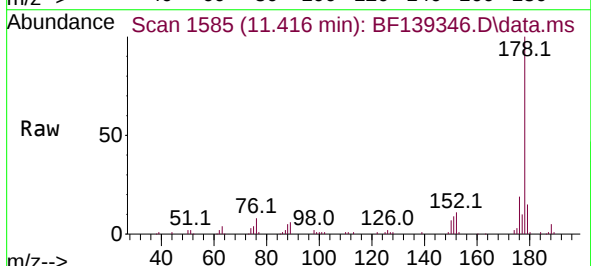
Tgt Ion:178 Resp: 50027

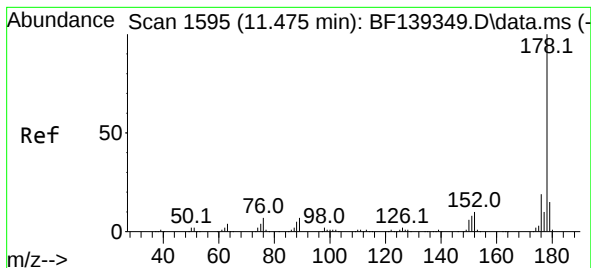
Ion Ratio Lower Upper

178 100

176 19.5 15.2 22.8

179 14.9 12.2 18.4





#72

Anthracene

Concen: 5.179 ng

RT: 11.469 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

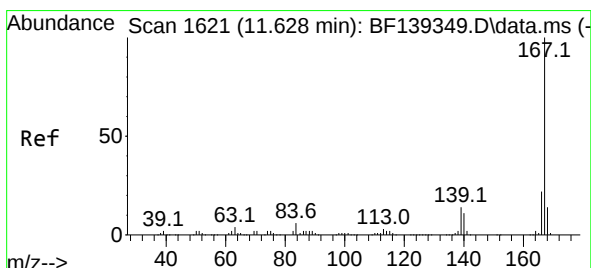
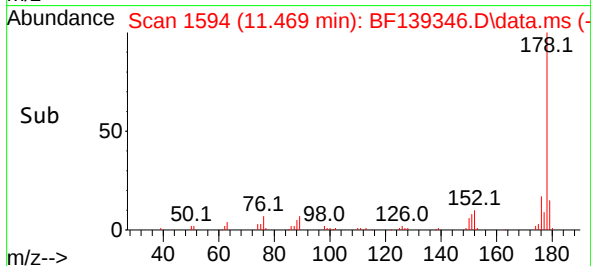
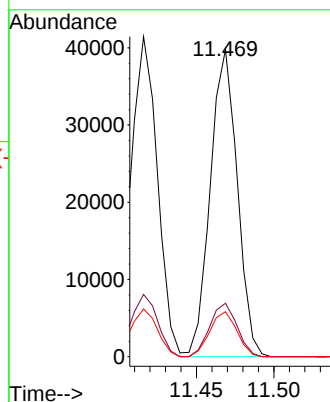
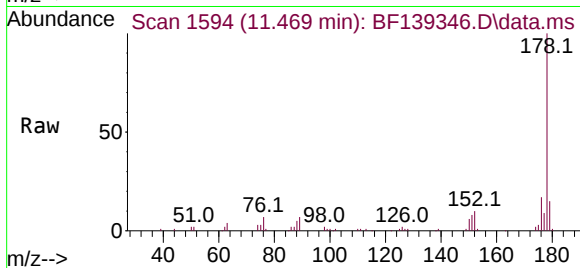
Tgt Ion:178 Resp: 48204

Ion Ratio Lower Upper

178 100

176 17.4 15.0 22.6

179 14.6 12.0 18.0



#73

Carbazole

Concen: 5.408 ng

RT: 11.622 min Scan# 1620

Delta R.T. -0.006 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

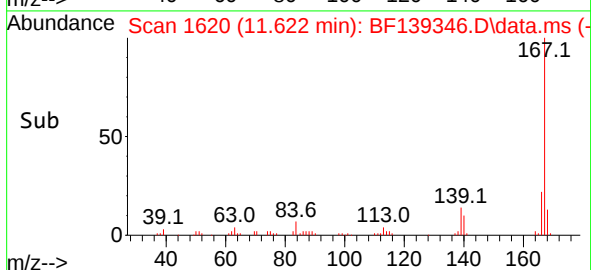
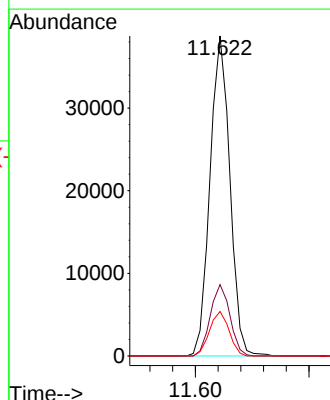
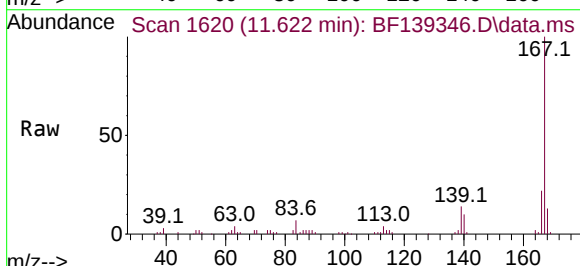
Tgt Ion:167 Resp: 47039

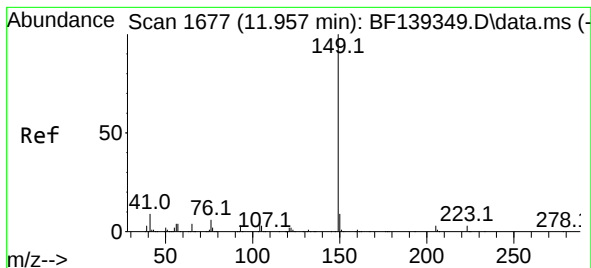
Ion Ratio Lower Upper

167 100

166 22.3 17.5 26.3

139 13.9 10.9 16.3





#74

Di-n-butylphthalate

Concen: 5.354 ng

RT: 11.951 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

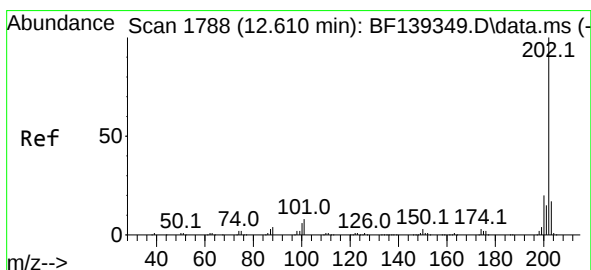
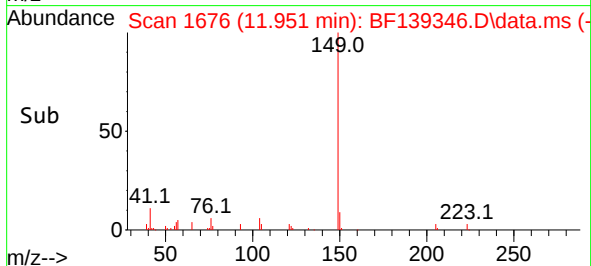
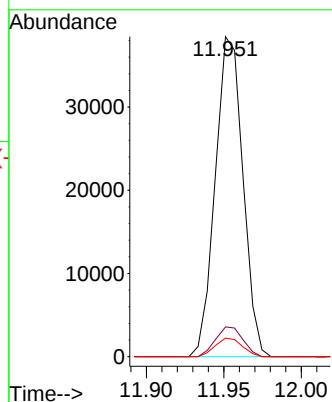
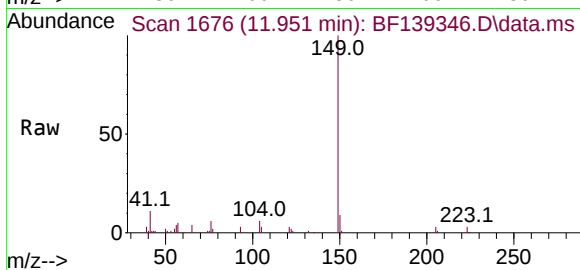
Tgt Ion:149 Resp: 47689

Ion Ratio Lower Upper

149 100

150 9.3 7.3 10.9

104 5.8 4.3 6.5



#75

Fluoranthene

Concen: 5.872 ng

RT: 12.604 min Scan# 1787

Delta R.T. -0.006 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

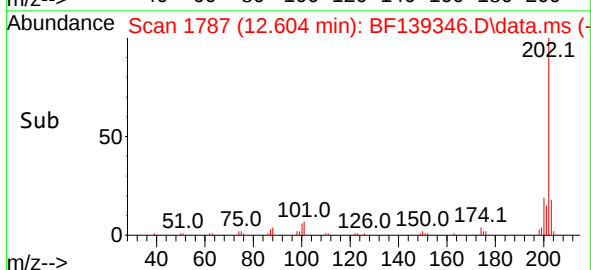
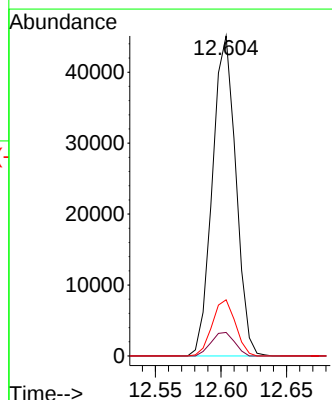
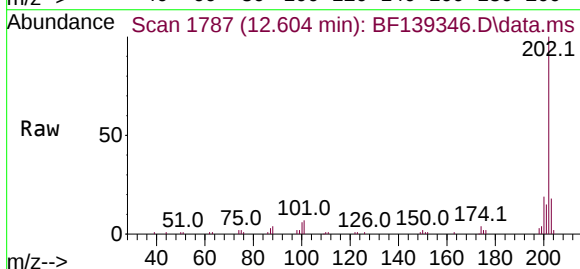
Tgt Ion:202 Resp: 56089

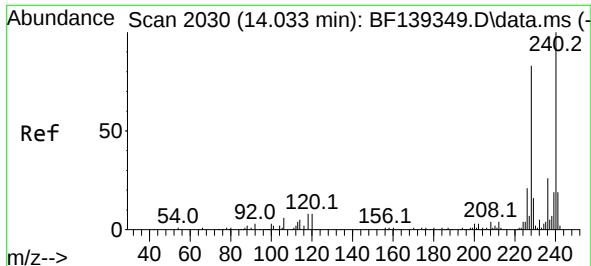
Ion Ratio Lower Upper

202 100

101 7.4 0.0 27.7

203 17.6 0.0 37.4

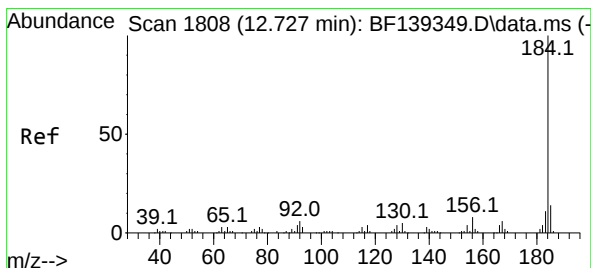
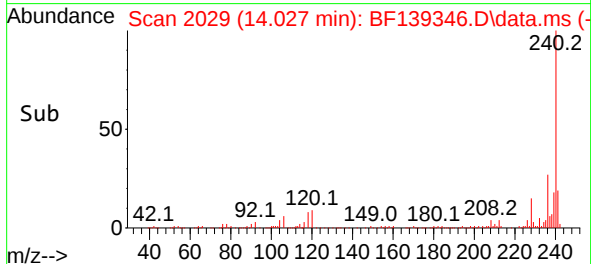
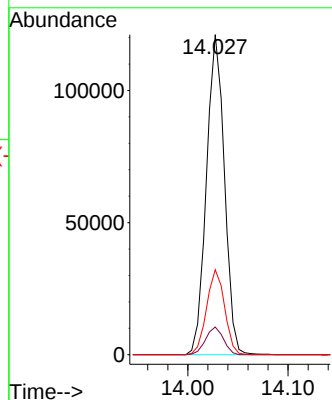
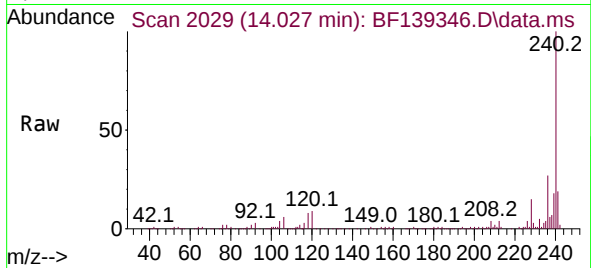




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.027 min Scan# 2030  
Delta R.T. -0.006 min  
Lab File: BF139346.D  
Acq: 13 Sep 2024 15:00

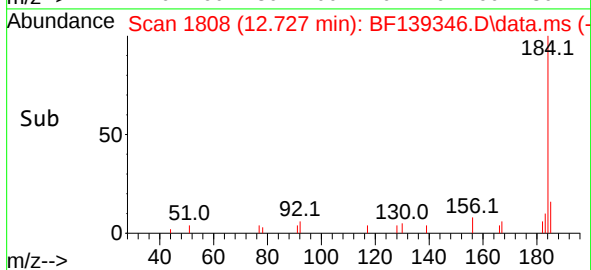
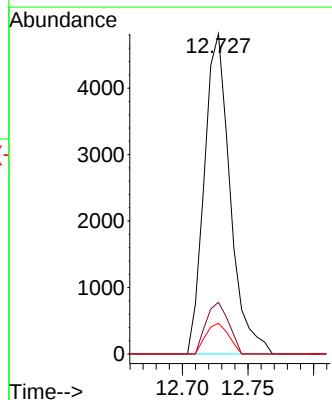
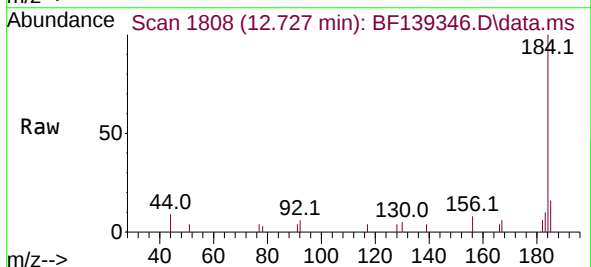
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005

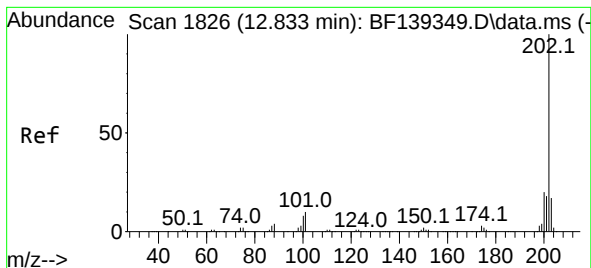
Tgt Ion:240 Resp: 151467  
Ion Ratio Lower Upper  
240 100  
120 8.6 6.2 9.2  
236 26.6 20.9 31.3



#77  
Benzidine  
Concen: 2.166 ng  
RT: 12.727 min Scan# 1808  
Delta R.T. -0.000 min  
Lab File: BF139346.D  
Acq: 13 Sep 2024 15:00

Tgt Ion:184 Resp: 6607  
Ion Ratio Lower Upper  
184 100  
185 16.1 11.5 17.3  
183 9.6 8.9 13.3





#78

Pyrene

Concen: 3.976 ng

RT: 12.833 min Scan# 1826

Delta R.T. -0.000 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

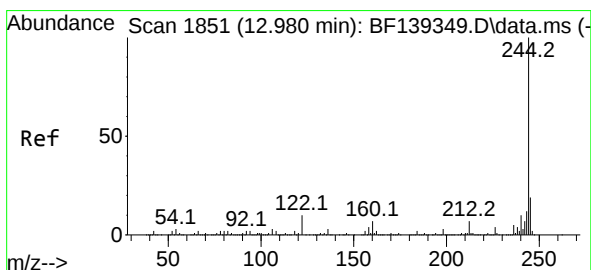
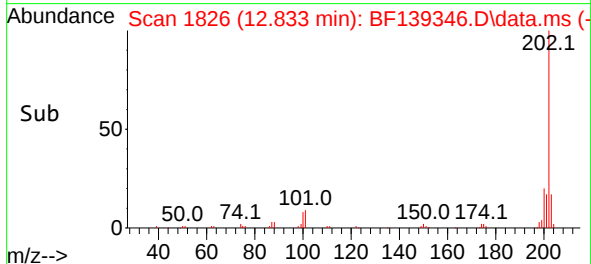
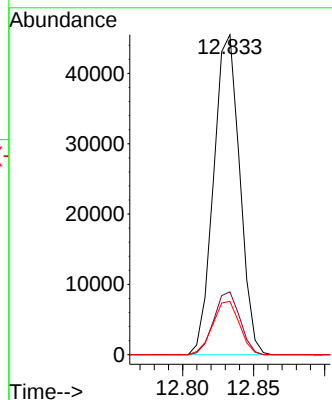
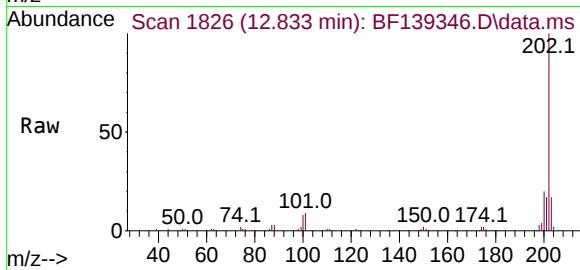
Tgt Ion:202 Resp: 58177

Ion Ratio Lower Upper

202 100

200 19.7 16.2 24.2

203 16.6 13.9 20.9



#79

Terphenyl-d14

Concen: 8.883 ng

RT: 12.975 min Scan# 1850

Delta R.T. -0.006 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

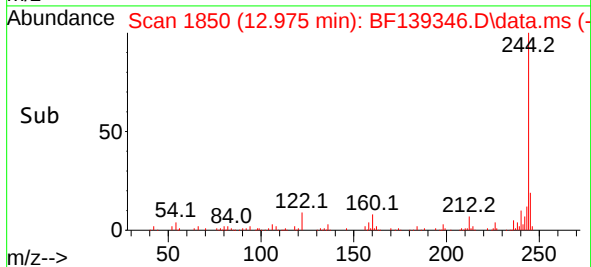
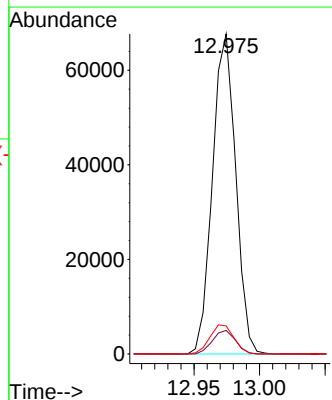
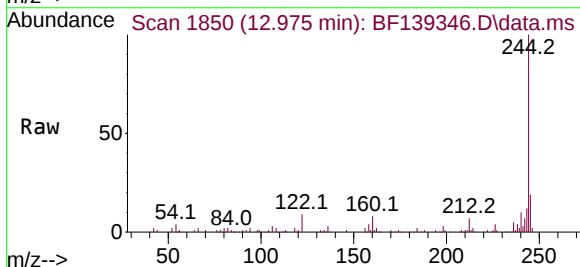
Tgt Ion:244 Resp: 83334

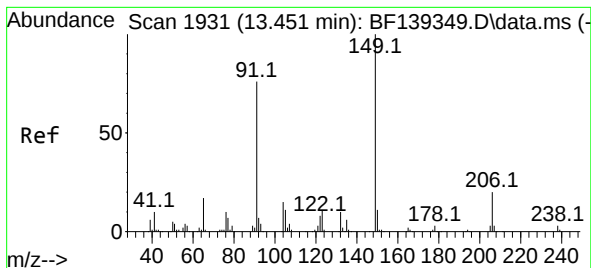
Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 8.8 7.6 11.4





#80

Butylbenzylphthalate

Concen: 5.709 ng

RT: 13.451 min Scan# 1931

Delta R.T. -0.000 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

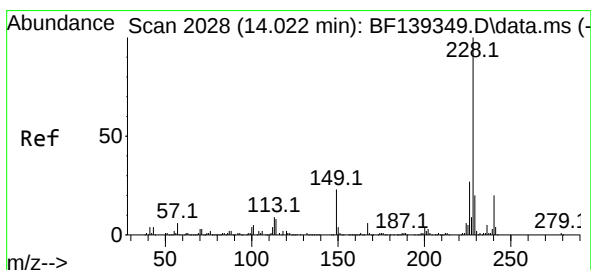
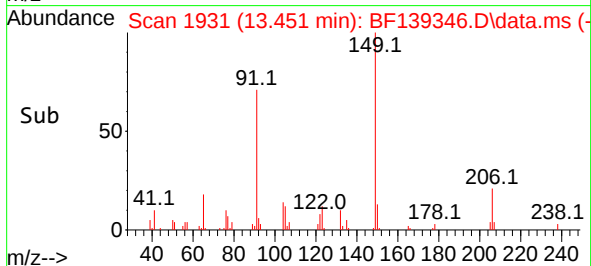
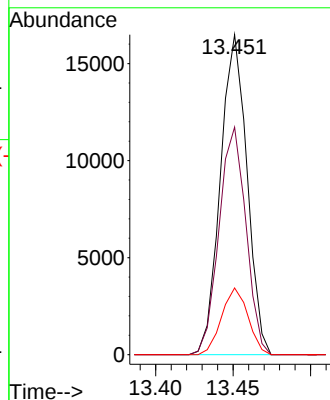
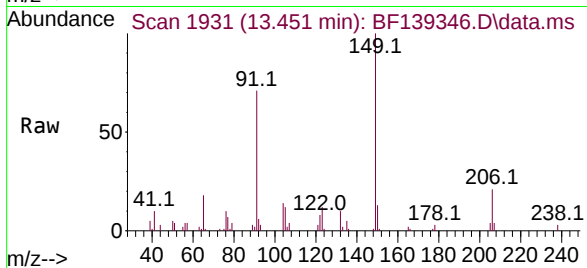
Tgt Ion:149 Resp: 19663

Ion Ratio Lower Upper

149 100

91 71.1 60.9 91.3

206 20.9 15.8 23.8



#81

Benzo(a)anthracene

Concen: 5.221 ng

RT: 14.016 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

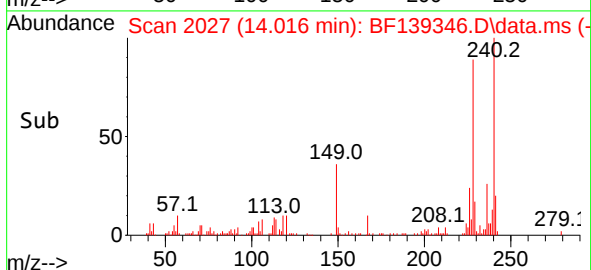
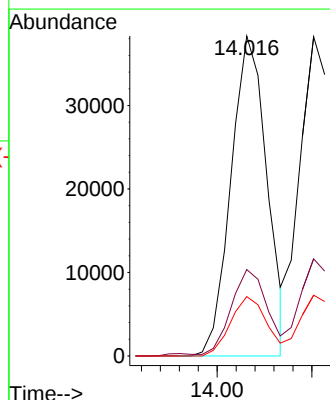
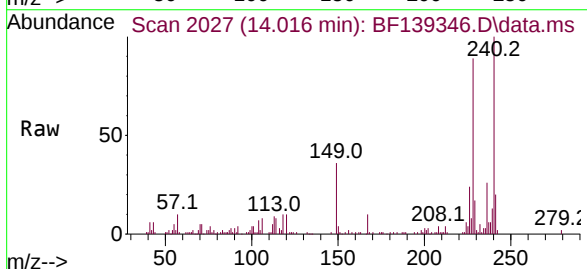
Tgt Ion:228 Resp: 50501

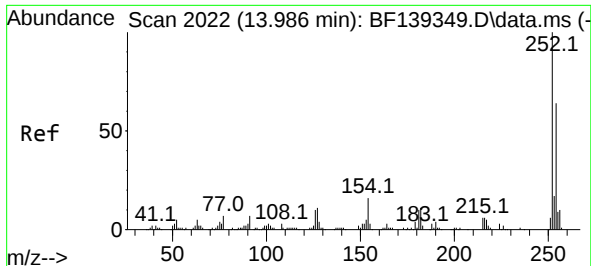
Ion Ratio Lower Upper

228 100

226 27.0 21.6 32.4

229 18.5 15.7 23.5

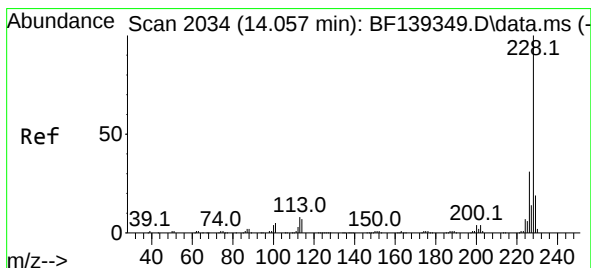
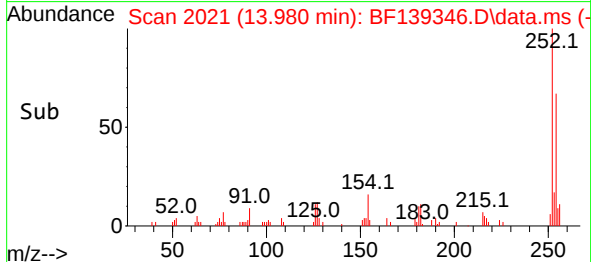
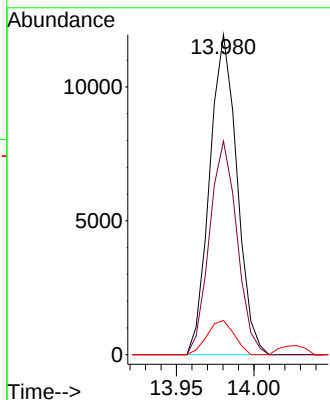
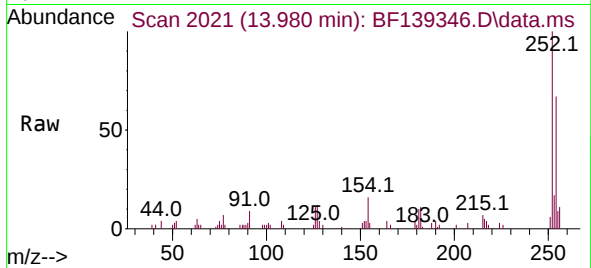




#82  
3,3'-Dichlorobenzidine  
Concen: 5.724 ng  
RT: 13.980 min Scan# 2022  
Delta R.T. -0.006 min  
Lab File: BF139346.D  
Acq: 13 Sep 2024 15:00

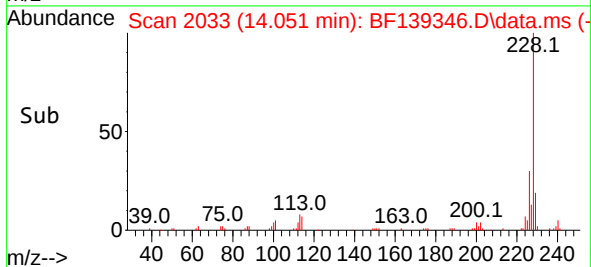
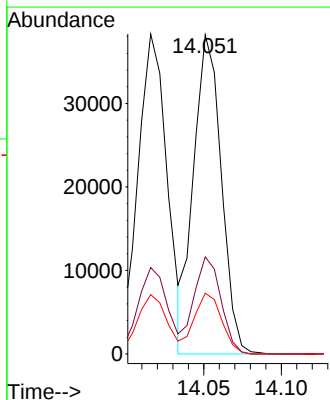
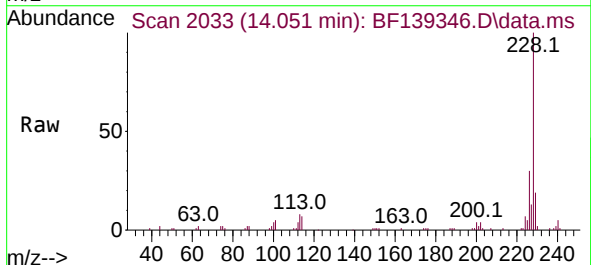
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005

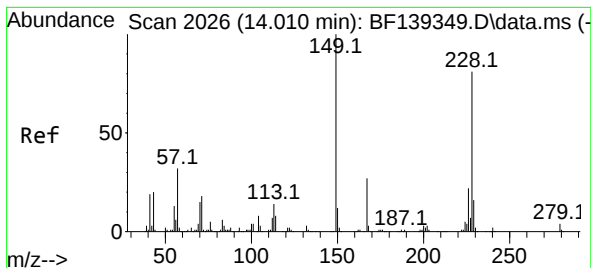
Tgt Ion:252 Resp: 14703  
Ion Ratio Lower Upper  
252 100  
254 66.7 51.4 77.2  
126 10.7 7.7 11.5



#83  
Chrysene  
Concen: 5.252 ng  
RT: 14.051 min Scan# 2033  
Delta R.T. -0.006 min  
Lab File: BF139346.D  
Acq: 13 Sep 2024 15:00

Tgt Ion:228 Resp: 47410  
Ion Ratio Lower Upper  
228 100  
226 30.4 24.1 36.1  
229 19.0 15.4 23.0

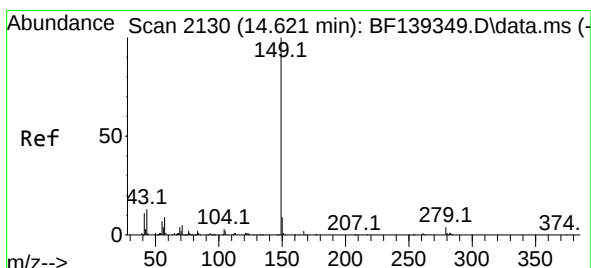
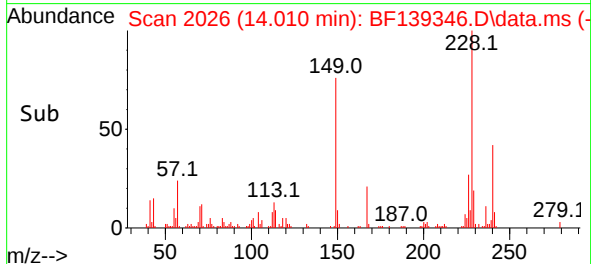
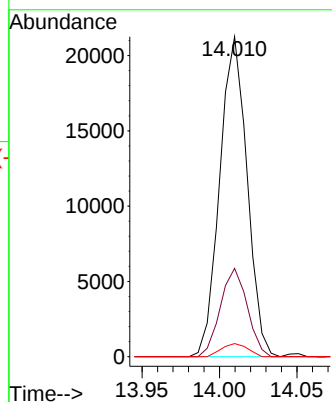
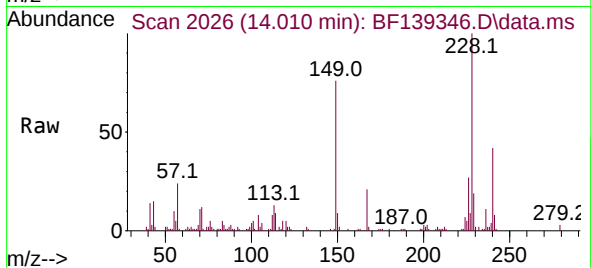




#84  
Bis(2-ethylhexyl)phthalate  
Concen: 6.441 ng  
RT: 14.010 min Scan# 2026  
Delta R.T. -0.000 min  
Lab File: BF139346.D  
Acq: 13 Sep 2024 15:00

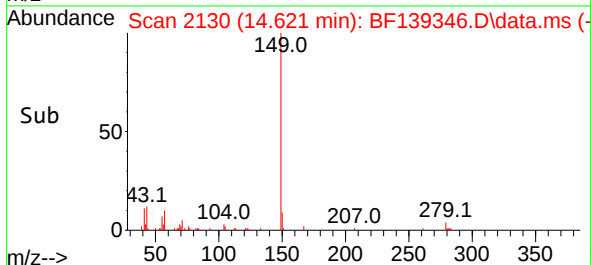
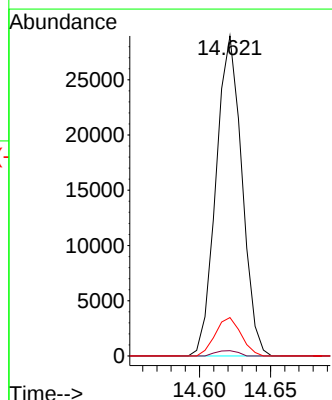
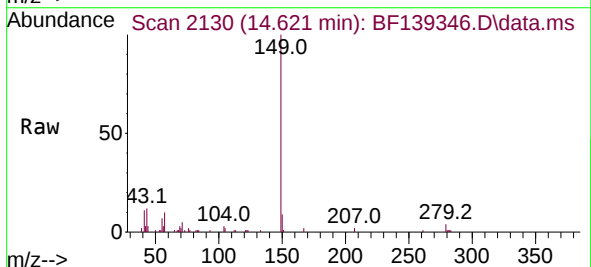
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005

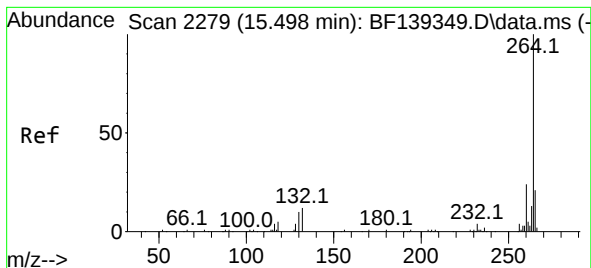
Tgt Ion:149 Resp: 26039  
Ion Ratio Lower Upper  
149 100  
167 27.6 21.6 32.4  
279 4.1 3.3 4.9



#85  
Di-n-octyl phthalate  
Concen: 4.742 ng  
RT: 14.621 min Scan# 2130  
Delta R.T. -0.000 min  
Lab File: BF139346.D  
Acq: 13 Sep 2024 15:00

Tgt Ion:149 Resp: 36708  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.2 1.8  
43 12.0 10.6 16.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

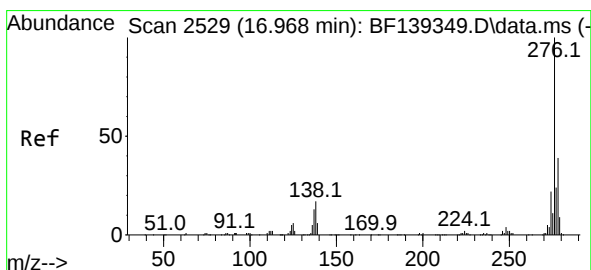
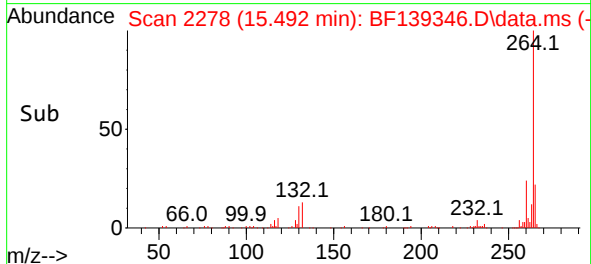
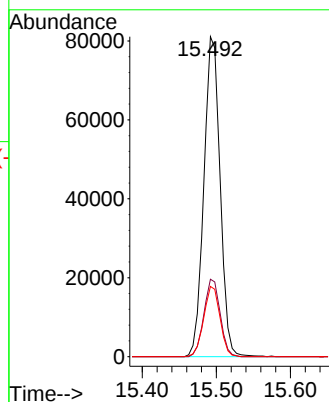
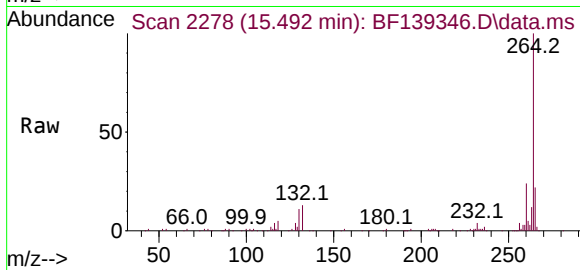
Tgt Ion:264 Resp: 123378

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 21.9 16.6 25.0



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.790 ng

RT: 16.951 min Scan# 2526

Delta R.T. -0.018 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

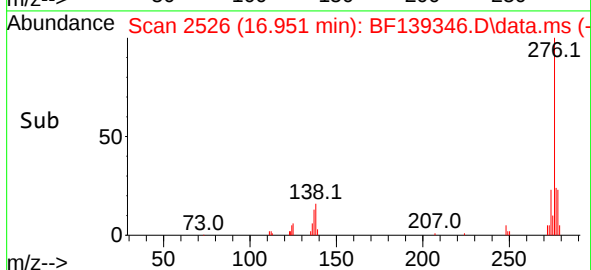
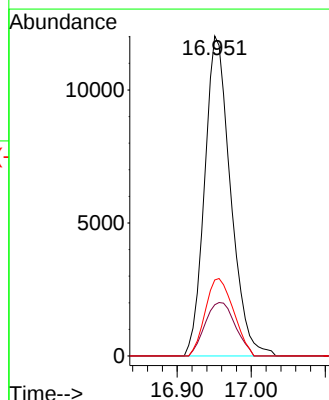
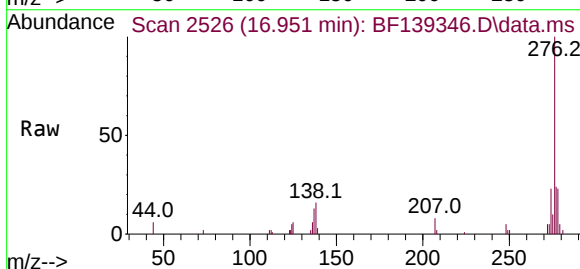
Tgt Ion:276 Resp: 29213

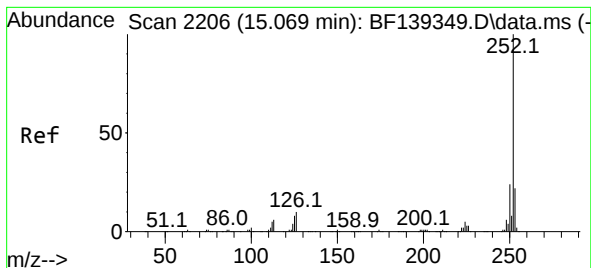
Ion Ratio Lower Upper

276 100

138 19.5 15.4 23.2

277 26.4 20.4 30.6





#88

Benzo(b)fluoranthene

Concen: 5.573 ng

RT: 15.063 min Scan# 2110

Delta R.T. -0.006 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

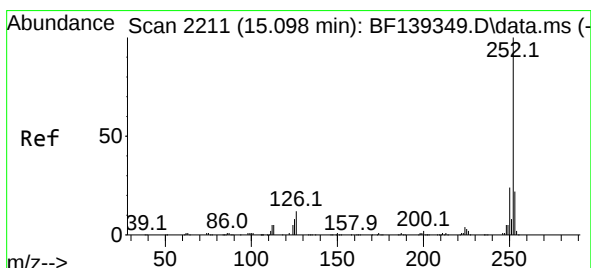
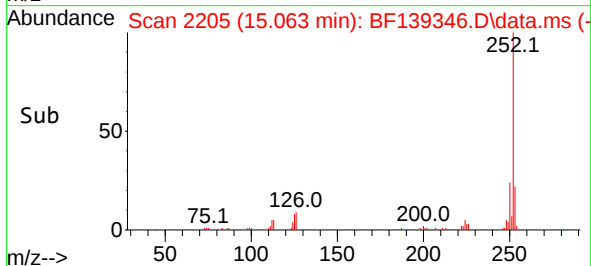
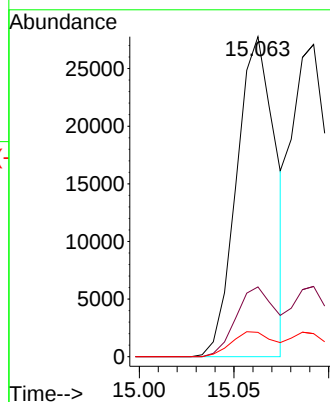
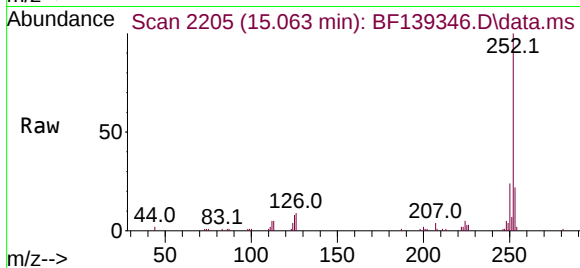
Tgt Ion:252 Resp: 39600

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 7.6 6.2 9.2



#89

Benzo(k)fluoranthene

Concen: 5.910 ng

RT: 15.092 min Scan# 2210

Delta R.T. -0.006 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

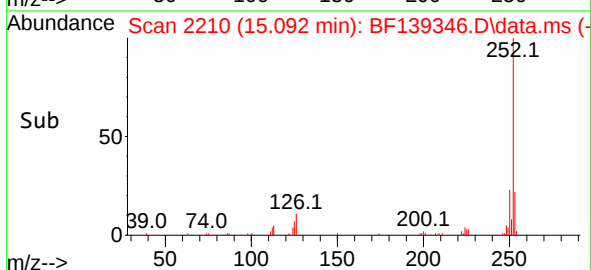
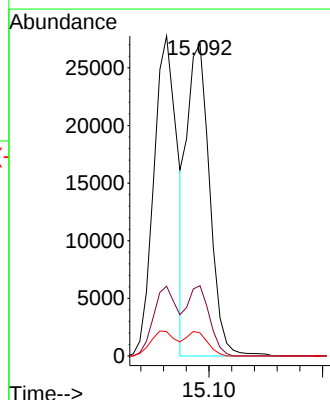
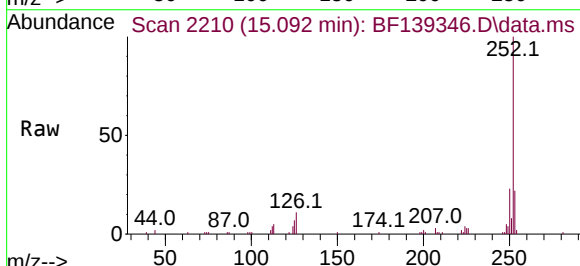
Tgt Ion:252 Resp: 37654

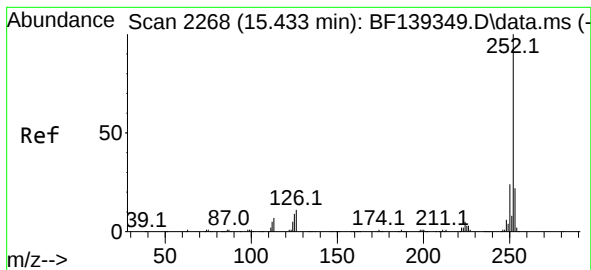
Ion Ratio Lower Upper

252 100

253 22.5 17.3 25.9

125 7.4 5.9 8.9





#90

Benzo(a)pyrene

Concen: 5.124 ng

RT: 15.427 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

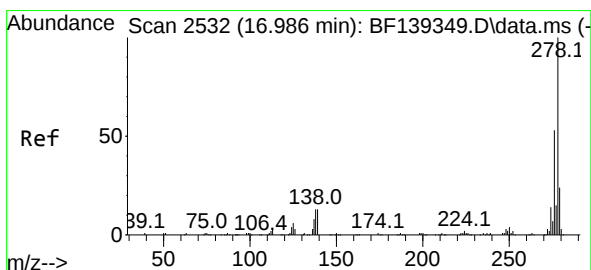
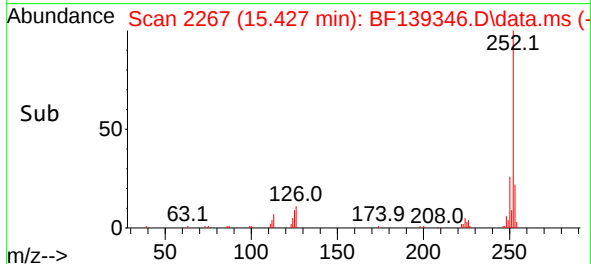
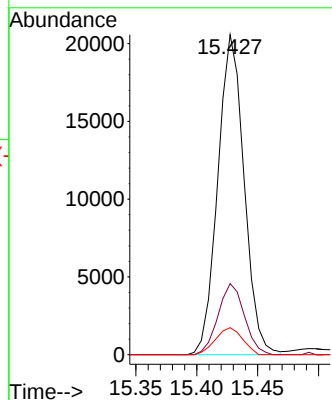
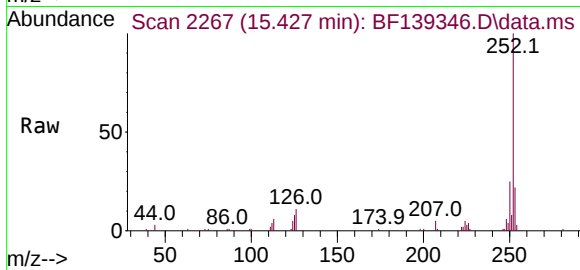
Tgt Ion:252 Resp: 30914

Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

125 8.5 6.8 10.2



#91

Dibenzo(a,h)anthracene

Concen: 3.738 ng

RT: 16.974 min Scan# 2530

Delta R.T. -0.012 min

Lab File: BF139346.D

Acq: 13 Sep 2024 15:00

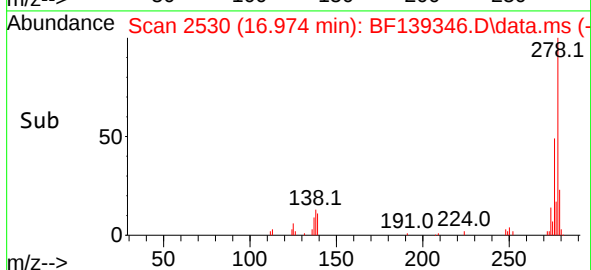
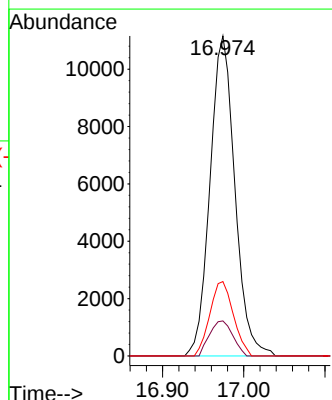
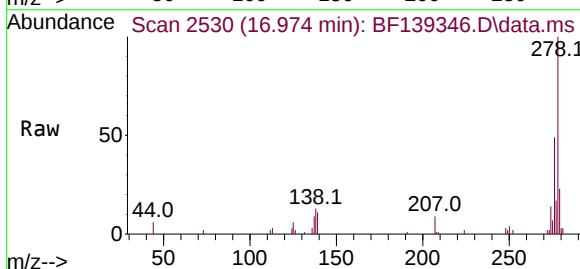
Tgt Ion:278 Resp: 23740

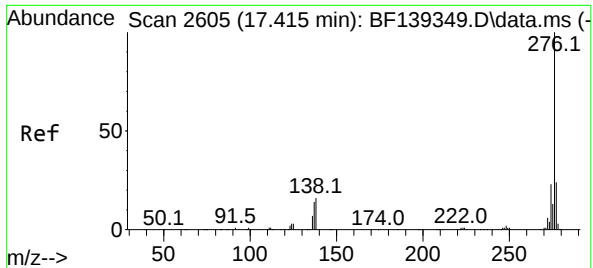
Ion Ratio Lower Upper

278 100

139 11.0 10.2 15.2

279 23.2 18.9 28.3





#92  
 Benzo(g,h,i)perylene  
 Concen: 3.789 ng  
 RT: 17.392 min Scan# 20  
 Delta R.T. -0.024 min  
 Lab File: BF139346.D  
 Acq: 13 Sep 2024 15:00

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 276   | Resp: | 24841 |
| Ion      | Ratio | Lower | Upper |
| 276      | 100   |       |       |
| 277      | 22.5  | 18.9  | 28.3  |
| 138      | 16.6  | 13.0  | 19.6  |

