

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102924\  
 Data File : BF140100.D  
 Acq On : 29 Oct 2024 09:37  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Oct 29 09:59:29 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF101824.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 18 15:07:50 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.893  | 152  | 138305   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.175  | 136  | 518016   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.928  | 164  | 286088   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.416 | 188  | 513809   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.051 | 240  | 264357   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.527 | 264  | 264628   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.499  | 112  | 681198   | 77.105 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.516  | 99   | 859036   | 75.076 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.451  | 82   | 791747   | 84.711 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.716 | 330  | 232556   | 86.905 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.245  | 172  | 1349912  | 77.983 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.998 | 244  | 1357416  | 83.670 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.669  | 88   | 148556   | 36.065 | ng    | 97       |
| 3) Pyridine                   | 3.434  | 79   | 372903   | 36.523 | ng    | 100      |
| 4) n-Nitrosodimethylamine     | 3.387  | 42   | 192951   | 35.174 | ng    | 99       |
| 6) Aniline                    | 6.551  | 93   | 380858   | 35.714 | ng    | 99       |
| 8) 2-Chlorophenol             | 6.675  | 128  | 347358   | 38.460 | ng    | 100      |
| 9) Benzaldehyde               | 6.440  | 77   | 246060   | 38.226 | ng    | 98       |
| 10) Phenol                    | 6.528  | 94   | 459228   | 38.929 | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 6.628  | 93   | 349101   | 38.288 | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 6.834  | 146  | 410460   | 39.591 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.910  | 146  | 409365   | 39.522 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.063  | 146  | 383492   | 39.670 | ng    | 99       |
| 15) Benzyl Alcohol            | 7.028  | 79   | 320036   | 38.130 | ng    | 100      |
| 16) 2,2'-oxybis(1-Chloropr... | 7.163  | 45   | 564639   | 36.318 | ng    | 98       |
| 17) 2-Methylphenol            | 7.134  | 107  | 293073   | 38.055 | ng    | 99       |
| 18) Hexachloroethane          | 7.404  | 117  | 147974   | 40.062 | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 7.304  | 70   | 252757   | 36.422 | ng    | 97       |
| 20) 3+4-Methylphenols         | 7.287  | 107  | 372087   | 37.773 | ng    | 97       |
| 22) Acetophenone              | 7.298  | 105  | 491097   | 38.706 | ng    | 99       |
| 24) Nitrobenzene              | 7.475  | 77   | 414874   | 40.486 | ng    | 99       |
| 25) Isophorone                | 7.710  | 82   | 684378   | 38.579 | ng    | 100      |
| 26) 2-Nitrophenol             | 7.787  | 139  | 181297   | 46.897 | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 7.816  | 122  | 240401   | 37.294 | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.916  | 93   | 412663   | 38.395 | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 8.028  | 162  | 290020   | 39.500 | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.110  | 180  | 324335   | 39.921 | ng    | 99       |
| 31) Naphthalene               | 8.192  | 128  | 1046243  | 39.161 | ng    | 100      |
| 32) Benzoic acid              | 7.928  | 122  | 231302   | 41.140 | ng    | 99       |
| 33) 4-Chloroaniline           | 8.240  | 127  | 342997   | 37.651 | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.310  | 225  | 210297   | 41.197 | ng    | 99       |
| 35) Caprolactam               | 8.610  | 113  | 93232    | 39.935 | ng    | 97       |
| 36) 4-Chloro-3-methylphenol   | 8.716  | 107  | 321026   | 39.486 | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.887  | 142  | 638545   | 39.026 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.987  | 142  | 621727   | 38.730 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.051  | 216  | 314265   | 40.717 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.039  | 237  | 110357   | 41.093 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 9.157  | 196  | 215379   | 39.415 | ng    | 99       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102924\  
 Data File : BF140100.D  
 Acq On : 29 Oct 2024 09:37  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

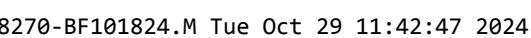
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

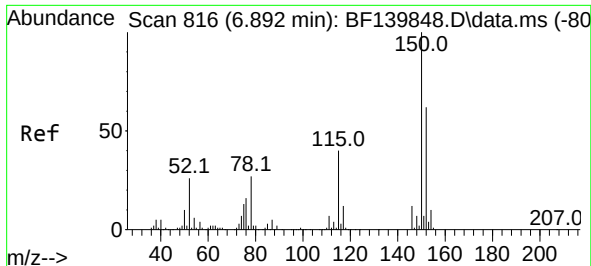
Quant Time: Oct 29 09:59:29 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF101824.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 18 15:07:50 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.198  | 196  | 235263   | 41.730 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.351  | 154  | 780707   | 39.200 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.375  | 162  | 634031   | 39.527 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.463  | 65   | 220417   | 44.929 | ng    | 99       |
| 49) Acenaphthylene            | 9.787  | 152  | 918315   | 39.600 | ng    | 99       |
| 50) Dimethylphthalate         | 9.645  | 163  | 702032   | 39.396 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.710  | 165  | 168631   | 43.705 | ng    | 96       |
| 52) Acenaphthene              | 9.963  | 154  | 607030   | 40.465 | ng    | 100      |
| 53) 3-Nitroaniline            | 9.875  | 138  | 169830   | 42.683 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 9.981  | 184  | 88438    | 57.194 | ng    | # 1      |
| 55) Dibenzofuran              | 10.134 | 168  | 844602   | 39.241 | ng    | 100      |
| 56) 4-Nitrophenol             | 10.028 | 139  | 134760   | 44.022 | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 10.110 | 165  | 221887   | 46.765 | ng    | 99       |
| 58) Fluorene                  | 10.475 | 166  | 647654   | 39.507 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.251 | 232  | 180790   | 40.906 | ng    | 98       |
| 60) Diethylphthalate          | 10.345 | 149  | 690855   | 39.485 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.469 | 204  | 333515   | 40.286 | ng    | 98       |
| 62) 4-Nitroaniline            | 10.492 | 138  | 167689   | 44.623 | ng    | 98       |
| 63) Azobenzene                | 10.628 | 77   | 717815   | 38.698 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.522 | 198  | 122428   | 58.416 | ng    | 91       |
| 66) n-Nitrosodiphenylamine    | 10.586 | 169  | 581540   | 37.816 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.957 | 248  | 212925   | 40.226 | ng    | 97       |
| 68) Hexachlorobenzene         | 11.022 | 284  | 238332   | 40.035 | ng    | 99       |
| 69) Atrazine                  | 11.110 | 200  | 164083   | 39.389 | ng    | 99       |
| 70) Pentachlorophenol         | 11.216 | 266  | 158271   | 43.806 | ng    | 98       |
| 71) Phenanthrene              | 11.439 | 178  | 938128   | 38.654 | ng    | 100      |
| 72) Anthracene                | 11.492 | 178  | 926551   | 39.128 | ng    | 100      |
| 73) Carbazole                 | 11.645 | 167  | 863413   | 39.205 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.969 | 149  | 1038242  | 40.805 | ng    | 100      |
| 75) Fluoranthene              | 12.627 | 202  | 969481   | 39.514 | ng    | 100      |
| 77) Benzidine                 | 12.745 | 184  | 204646   | 47.078 | ng    | 99       |
| 78) Pyrene                    | 12.857 | 202  | 971455   | 41.982 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.469 | 149  | 311541   | 44.907 | ng    | 100      |
| 81) Benzo(a)anthracene        | 14.039 | 228  | 708901   | 41.194 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.004 | 252  | 215253   | 42.900 | ng    | 99       |
| 83) Chrysene                  | 14.080 | 228  | 597023   | 37.838 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 14.027 | 149  | 352704   | 45.315 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.639 | 149  | 554641   | 39.177 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.027 | 276  | 700166   | 41.128 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.092 | 252  | 627304   | 38.915 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.121 | 252  | 546998   | 39.346 | ng    | 100      |
| 90) Benzo(a)pyrene            | 15.468 | 252  | 528715   | 39.861 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.045 | 278  | 574920   | 40.482 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.486 | 276  | 604580   | 42.618 | ng    | 98       |

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

Quant Time: Oct 29 09:59:29 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF101824.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Oct 18 15:07:50 2024  
Response via : Initial Calibration

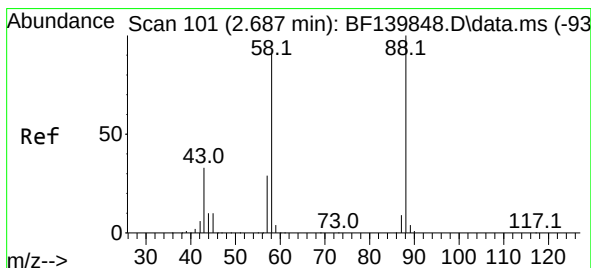
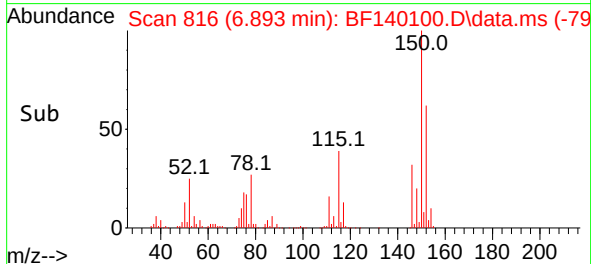
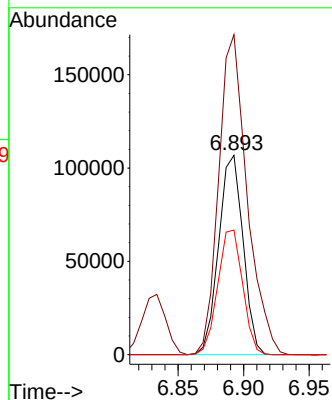
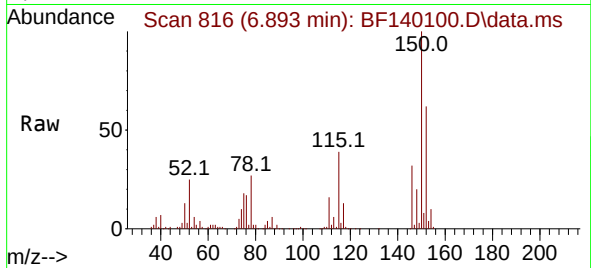




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.893 min Scan# 81  
Delta R.T. 0.001 min  
Lab File: BF140100.D  
Acq: 29 Oct 2024 09:37

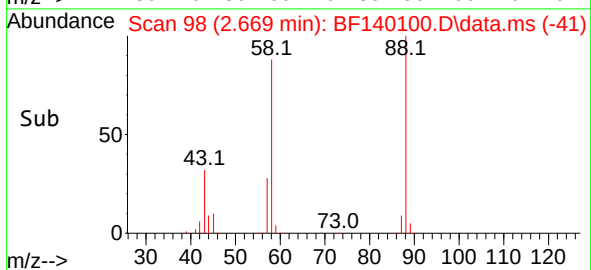
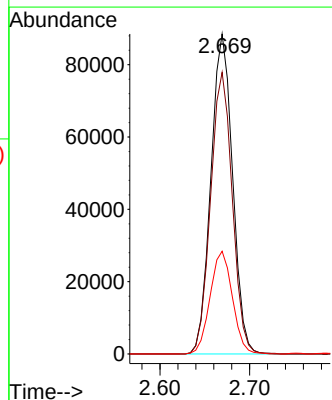
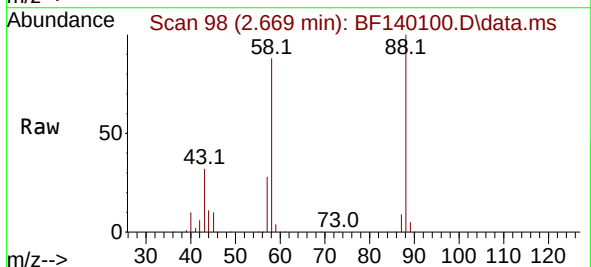
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

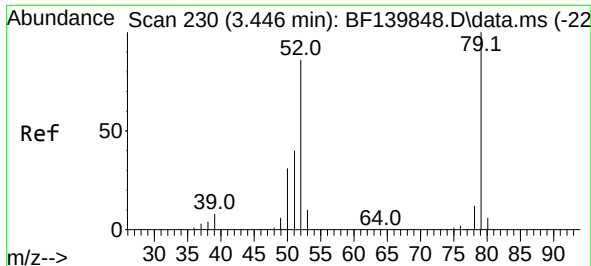
Tgt Ion:152 Resp: 138305  
Ion Ratio Lower Upper  
152 100  
150 160.5 130.2 195.2  
115 62.5 51.4 77.2



#2  
1,4-Dioxane  
Concen: 36.065 ng  
RT: 2.669 min Scan# 98  
Delta R.T. -0.017 min  
Lab File: BF140100.D  
Acq: 29 Oct 2024 09:37

Tgt Ion: 88 Resp: 148556  
Ion Ratio Lower Upper  
88 100  
58 88.1 73.3 109.9  
43 33.0 27.1 40.7





#3

Pyridine

Concen: 36.523 ng

RT: 3.434 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF140100.D

Acq: 29 Oct 2024 09:37

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

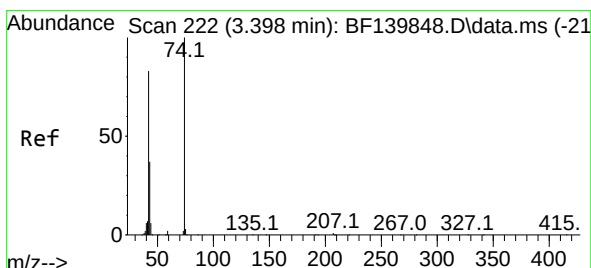
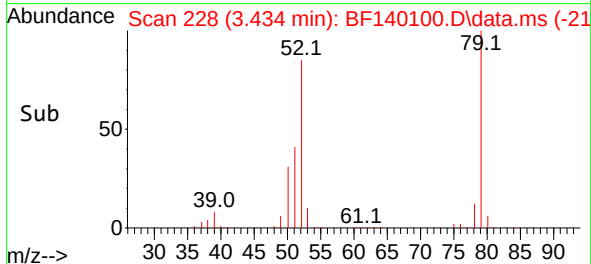
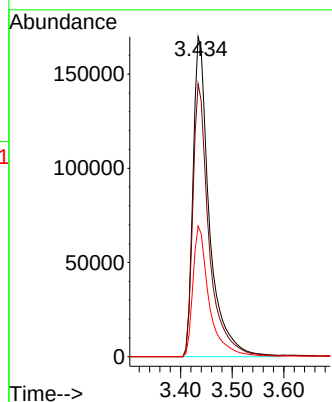
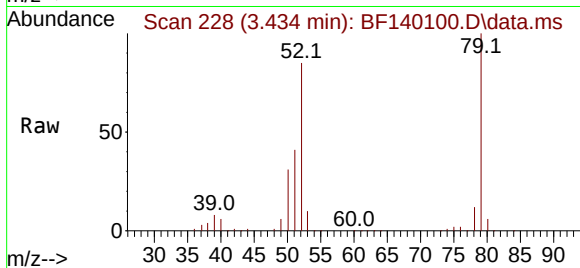
Tgt Ion: 79 Resp: 372903

Ion Ratio Lower Upper

79 100

52 85.2 68.5 102.7

51 40.8 32.3 48.5



#4

n-Nitrosodimethylamine

Concen: 35.174 ng

RT: 3.387 min Scan# 220

Delta R.T. -0.012 min

Lab File: BF140100.D

Acq: 29 Oct 2024 09:37

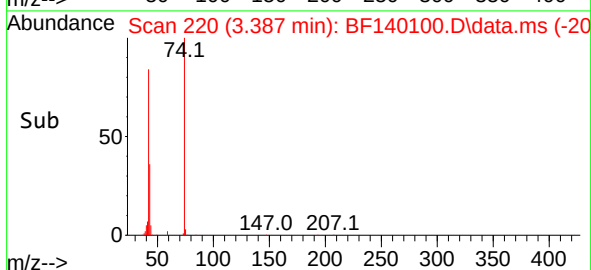
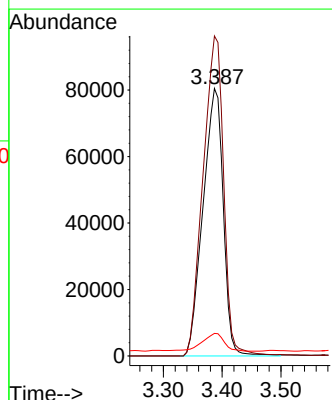
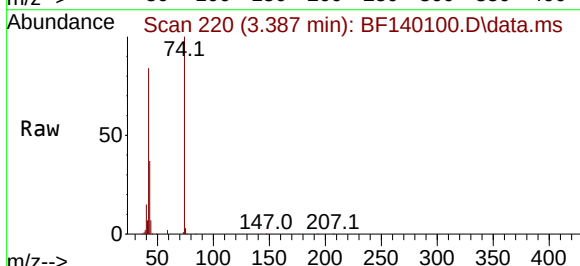
Tgt Ion: 42 Resp: 192951

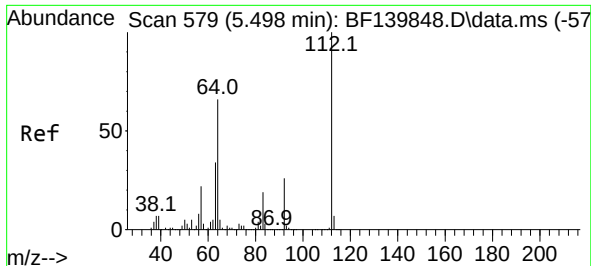
Ion Ratio Lower Upper

42 100

74 119.6 96.2 144.4

44 8.4 6.2 9.2

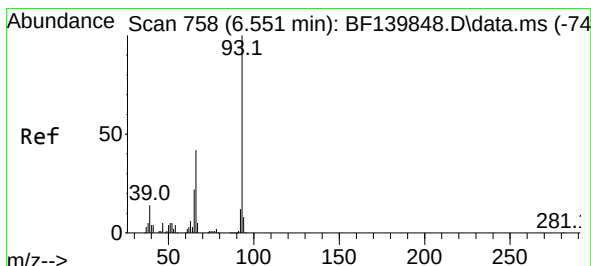
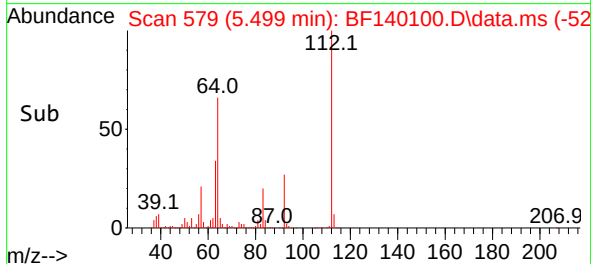
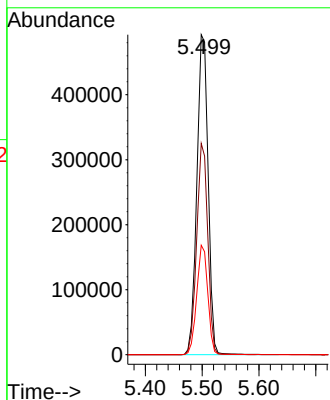
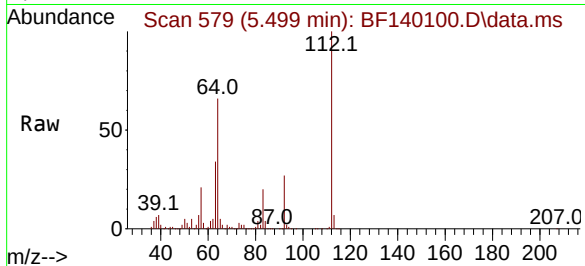




#5  
2-Fluorophenol  
Concen: 77.105 ng  
RT: 5.499 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: BF140100.D  
Acq: 29 Oct 2024 09:37

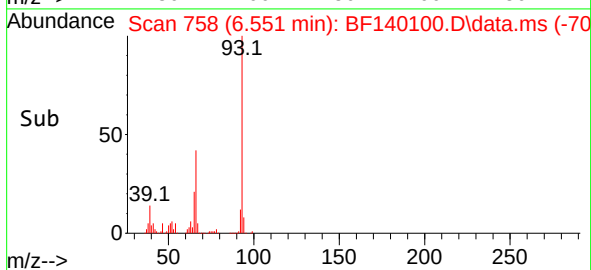
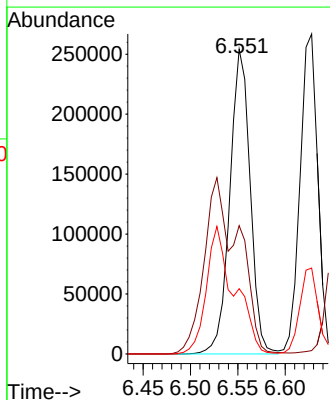
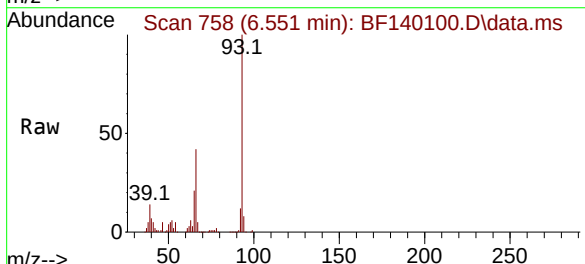
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

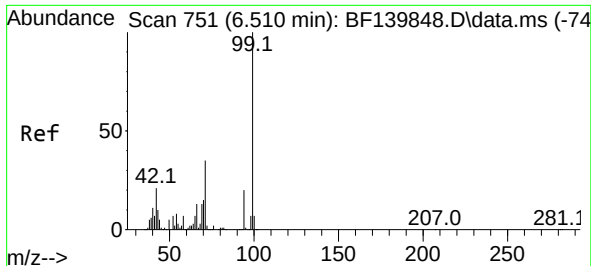
Tgt Ion:112 Resp: 681198  
Ion Ratio Lower Upper  
112 100  
64 66.0 53.0 79.6  
63 34.2 27.0 40.4



#6  
Aniline  
Concen: 35.714 ng  
RT: 6.551 min Scan# 758  
Delta R.T. 0.000 min  
Lab File: BF140100.D  
Acq: 29 Oct 2024 09:37

Tgt Ion: 93 Resp: 380858  
Ion Ratio Lower Upper  
93 100  
66 42.1 34.0 51.0  
65 21.4 17.4 26.0





#7

Phenol-d6

Concen: 75.076 ng

RT: 6.516 min Scan# 751

Delta R.T. 0.006 min

Lab File: BF140100.D

Acq: 29 Oct 2024 09:37

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

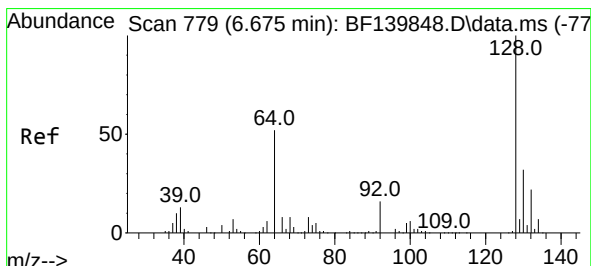
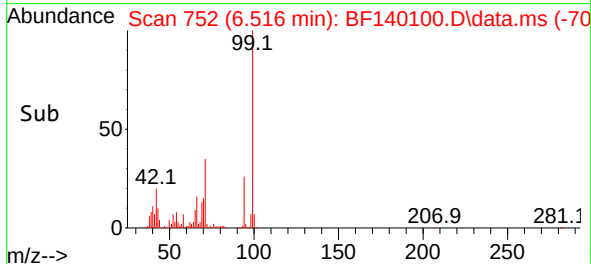
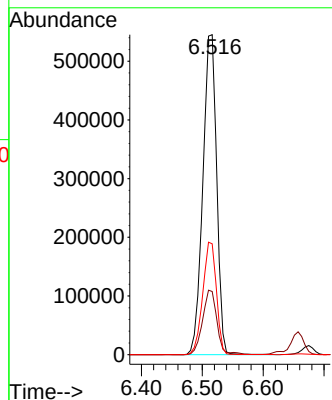
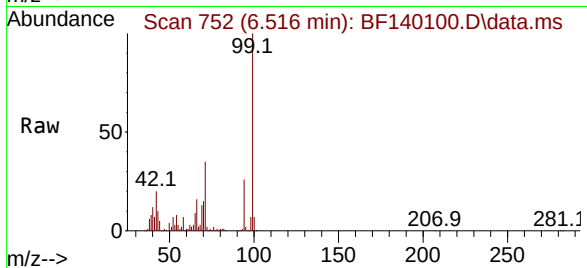
Tgt Ion: 99 Resp: 859036

Ion Ratio Lower Upper

99 100

42 19.8 16.7 25.1

71 34.6 27.7 41.5



#8

2-Chlorophenol

Concen: 38.460 ng

RT: 6.675 min Scan# 779

Delta R.T. 0.000 min

Lab File: BF140100.D

Acq: 29 Oct 2024 09:37

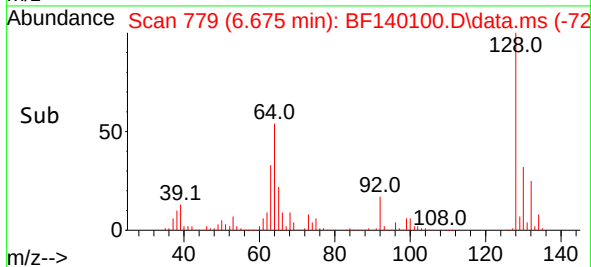
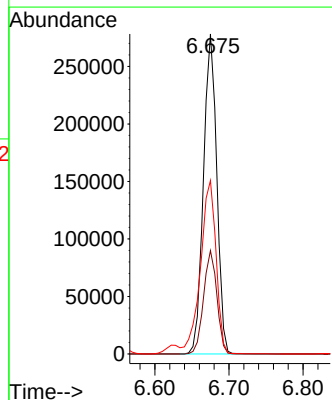
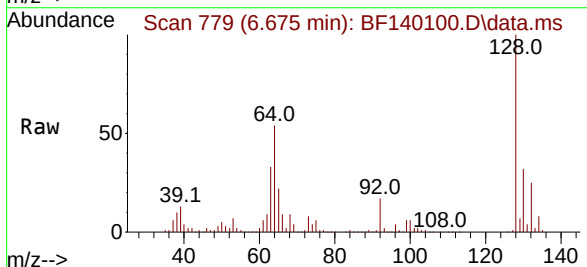
Tgt Ion:128 Resp: 347358

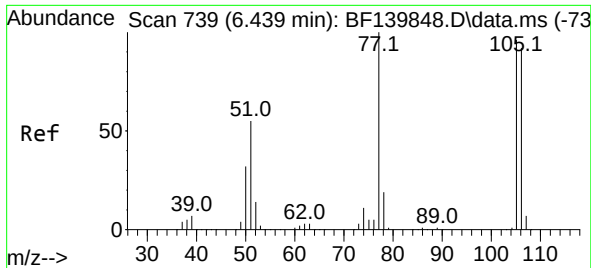
Ion Ratio Lower Upper

128 100

130 32.3 12.3 52.3

64 54.2 34.6 74.6





#9

Benzaldehyde

Concen: 38.226 ng

RT: 6.440 min Scan# 71

Delta R.T. 0.001 min

Lab File: BF140100.D

Acq: 29 Oct 2024 09:37

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

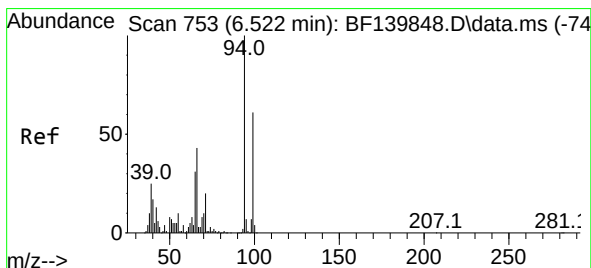
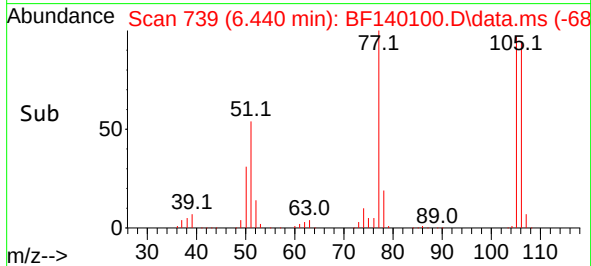
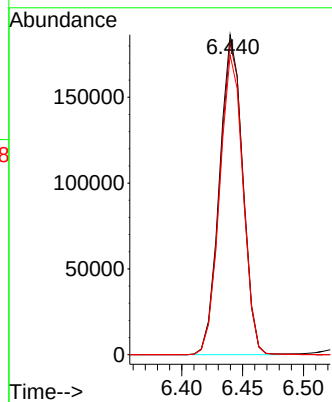
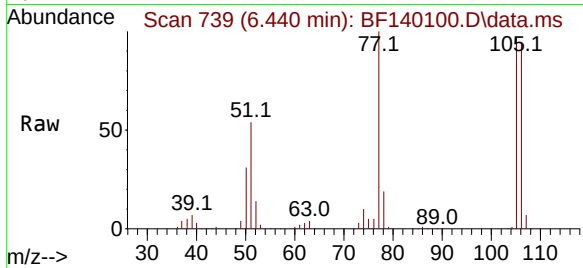
Tgt Ion: 77 Resp: 246060

Ion Ratio Lower Upper

77 100

105 97.5 75.5 115.5

106 93.7 71.7 111.7



#10

Phenol

Concen: 38.929 ng

RT: 6.528 min Scan# 754

Delta R.T. 0.006 min

Lab File: BF140100.D

Acq: 29 Oct 2024 09:37

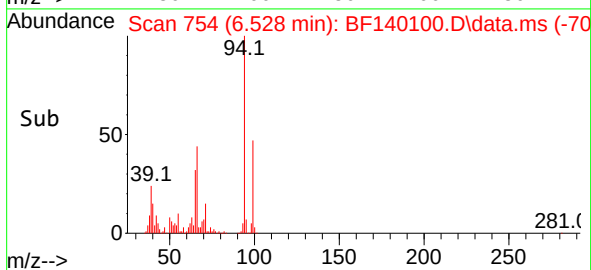
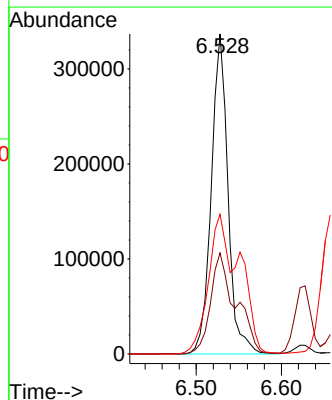
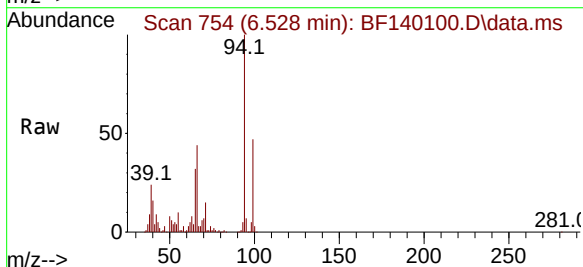
Tgt Ion: 94 Resp: 459228

Ion Ratio Lower Upper

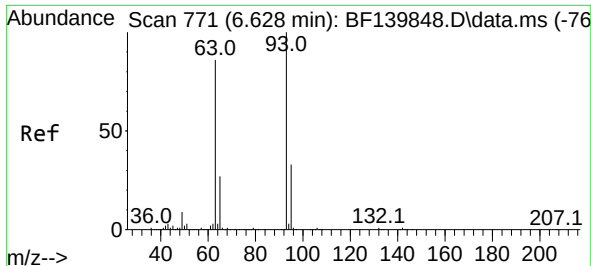
94 100

65 31.6 11.1 51.1

66 43.7 22.7 62.7







#11

bis(2-Chloroethyl)ether

Concen: 38.288 ng

RT: 6.628 min Scan# 771

Delta R.T. 0.000 min

Lab File: BF140100.D

Acq: 29 Oct 2024 09:37

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

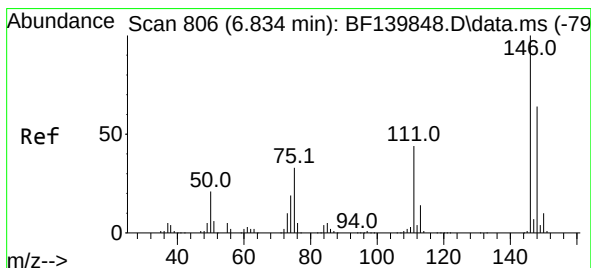
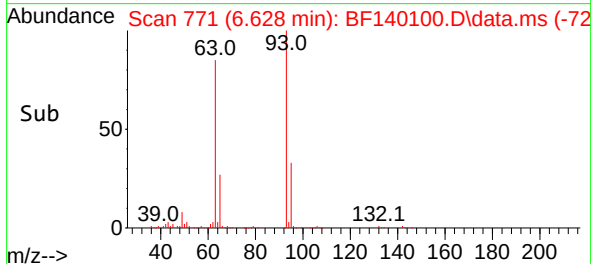
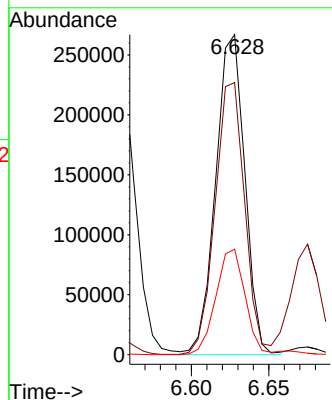
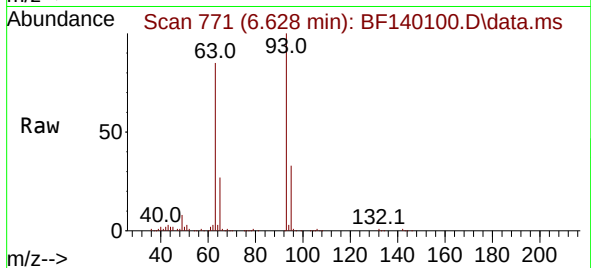
Tgt Ion: 93 Resp: 349101

Ion Ratio Lower Upper

93 100

63 85.0 65.0 105.0

95 33.0 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 39.591 ng

RT: 6.834 min Scan# 806

Delta R.T. 0.000 min

Lab File: BF140100.D

Acq: 29 Oct 2024 09:37

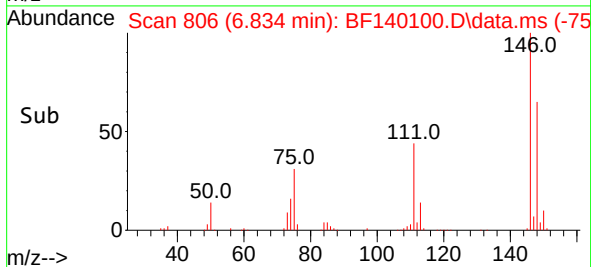
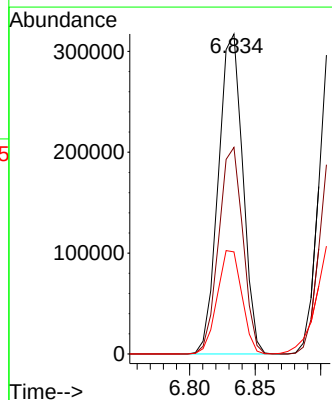
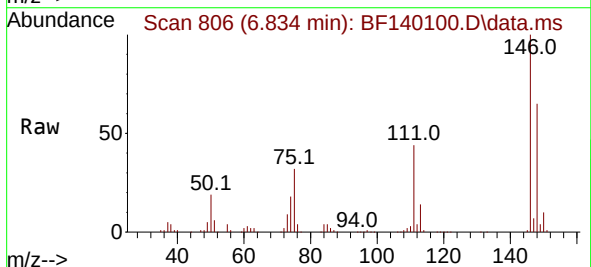
Tgt Ion:146 Resp: 410460

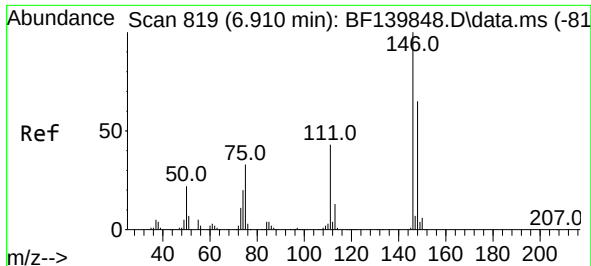
Ion Ratio Lower Upper

146 100

148 64.5 51.0 76.4

75 31.9 26.4 39.6

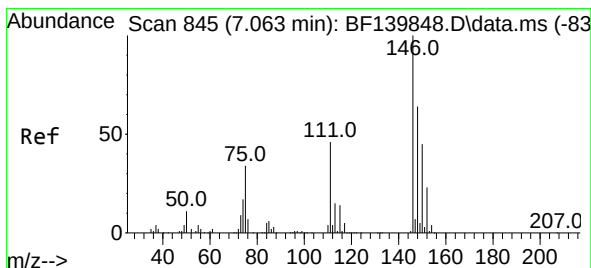
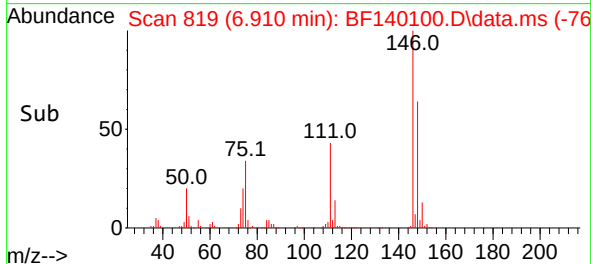
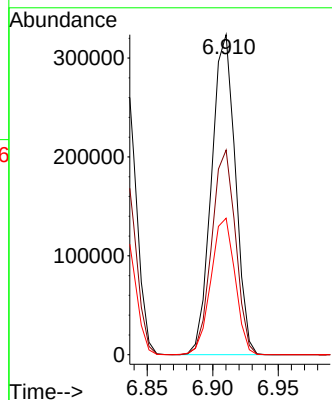
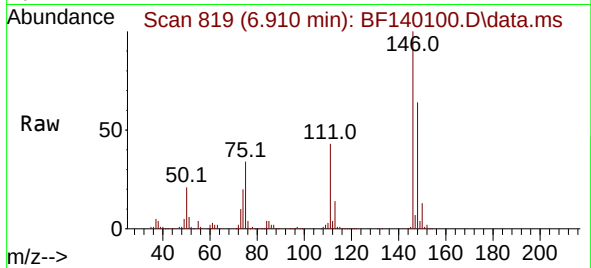




#13  
1,4-Dichlorobenzene  
Concen: 39.522 ng  
RT: 6.910 min Scan# 819  
Delta R.T. 0.000 min  
Lab File: BF140100.D  
Acq: 29 Oct 2024 09:37

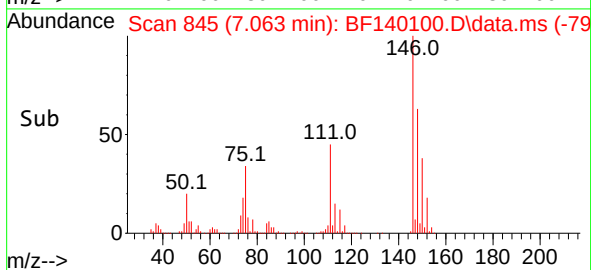
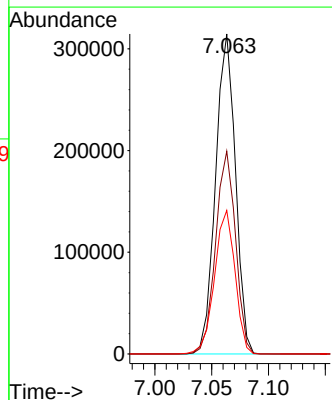
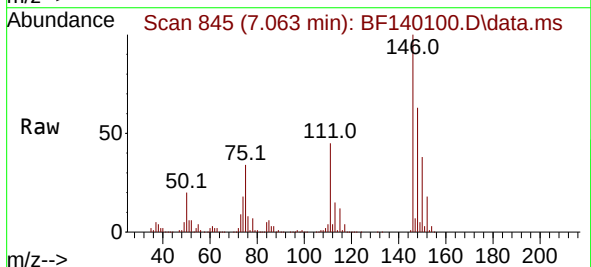
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

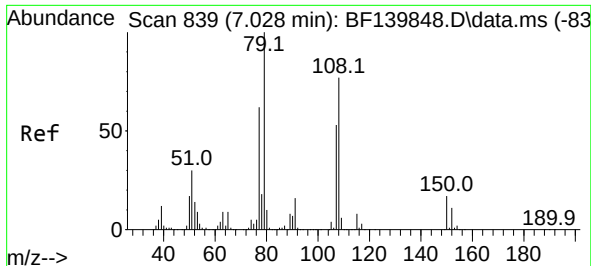
Tgt Ion:146 Resp: 409365  
Ion Ratio Lower Upper  
146 100  
148 64.0 51.8 77.8  
111 42.6 34.6 51.8



#14  
1,2-Dichlorobenzene  
Concen: 39.670 ng  
RT: 7.063 min Scan# 845  
Delta R.T. 0.000 min  
Lab File: BF140100.D  
Acq: 29 Oct 2024 09:37

Tgt Ion:146 Resp: 383492  
Ion Ratio Lower Upper  
146 100  
148 63.4 51.4 77.2  
111 44.9 36.7 55.1

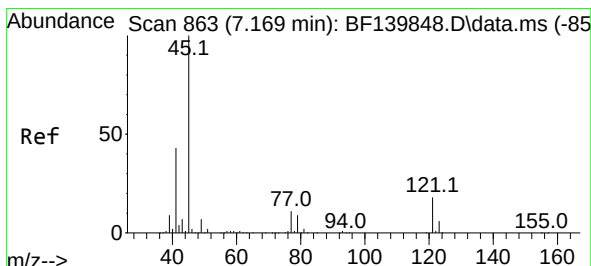
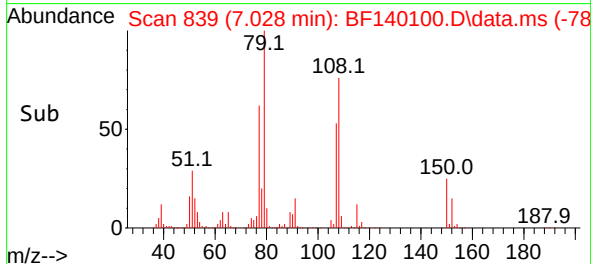
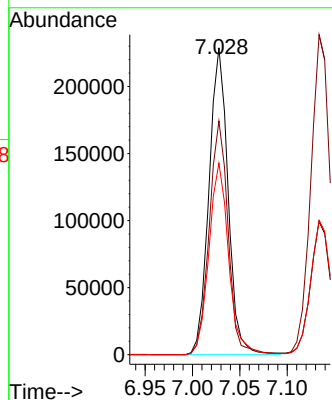
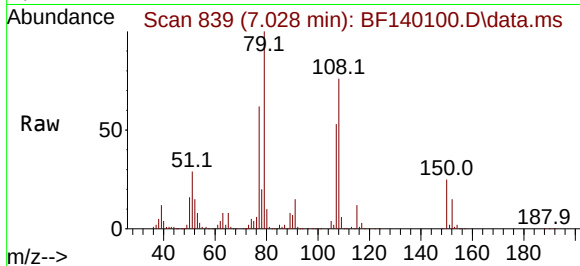




#15  
Benzyl Alcohol  
Concen: 38.130 ng  
RT: 7.028 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF140100.D  
Acq: 29 Oct 2024 09:37

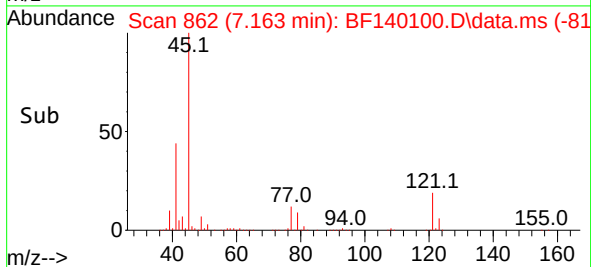
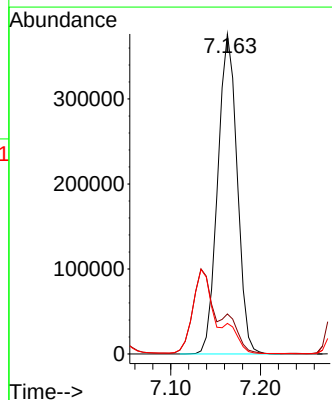
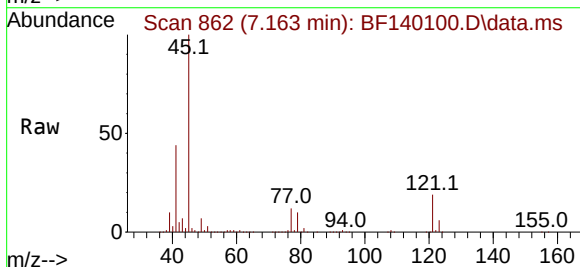
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

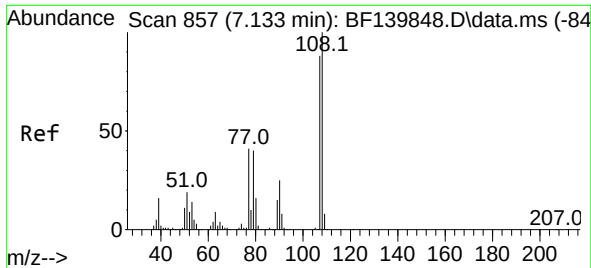
Tgt Ion: 79 Resp: 320036  
Ion Ratio Lower Upper  
79 100  
108 76.2 61.4 92.0  
77 62.4 49.9 74.9



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 36.318 ng  
RT: 7.163 min Scan# 862  
Delta R.T. -0.006 min  
Lab File: BF140100.D  
Acq: 29 Oct 2024 09:37

Tgt Ion: 45 Resp: 564639  
Ion Ratio Lower Upper  
45 100  
77 12.5 0.0 31.5  
79 9.5 0.0 29.1



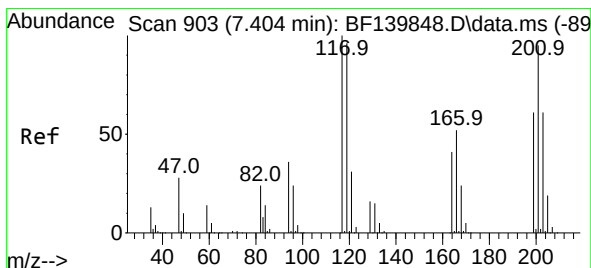
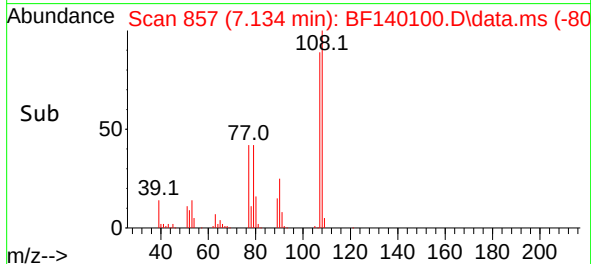
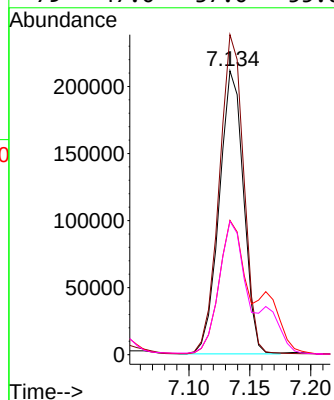
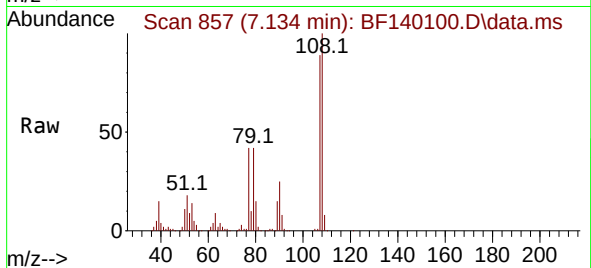


#17  
2-Methylphenol  
Concen: 38.055 ng  
RT: 7.134 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF140100.D  
Acq: 29 Oct 2024 09:37

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:107 Resp: 293073

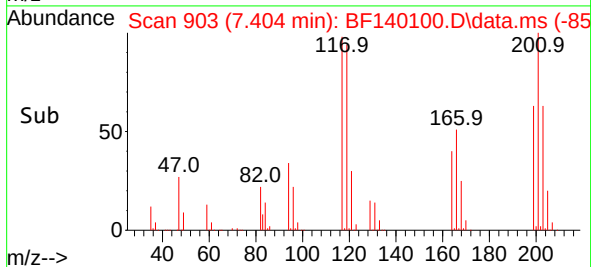
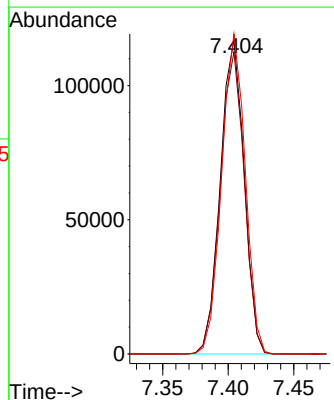
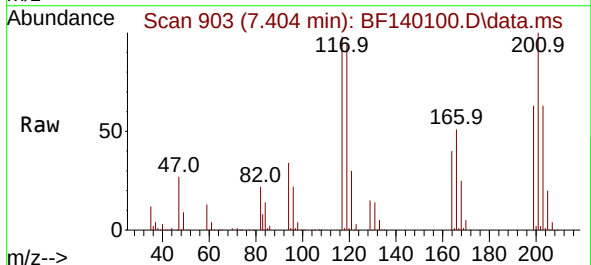
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 112.7 | 91.3  | 136.9 |
| 77  | 47.3  | 37.1  | 55.7  |
| 79  | 47.0  | 37.0  | 55.6  |

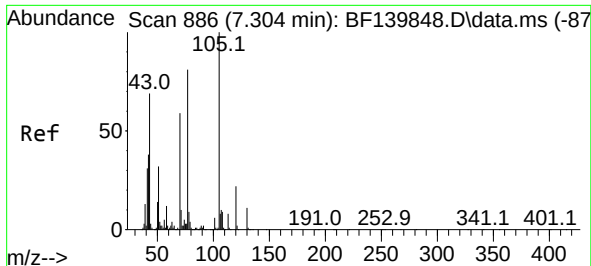


#18  
Hexachloroethane  
Concen: 40.062 ng  
RT: 7.404 min Scan# 903  
Delta R.T. 0.000 min  
Lab File: BF140100.D  
Acq: 29 Oct 2024 09:37

Tgt Ion:117 Resp: 147974

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 96.1  | 77.0  | 115.4 |
| 201 | 101.8 | 76.2  | 114.4 |



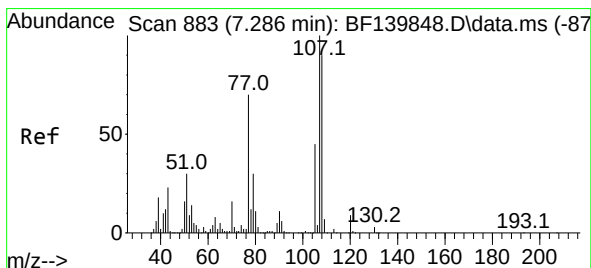
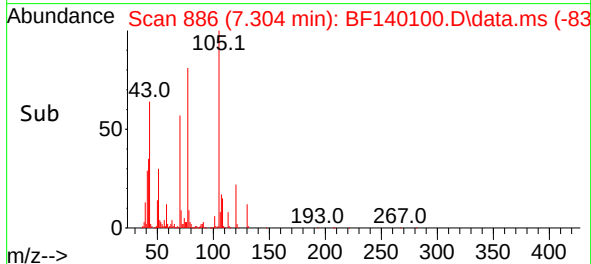
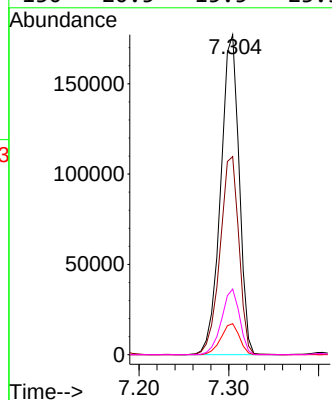
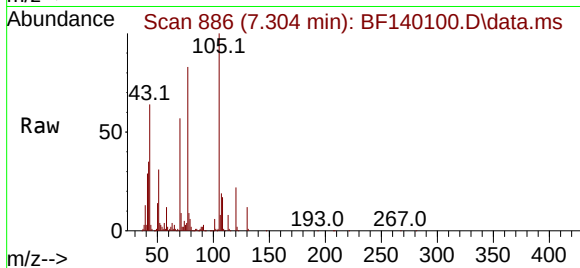


#19  
n-Nitroso-di-n-propylamine  
Concen: 36.422 ng  
RT: 7.304 min Scan# 886  
Delta R.T. 0.000 min  
Lab File: BF140100.D  
Acq: 29 Oct 2024 09:37

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 70 Resp: 252757

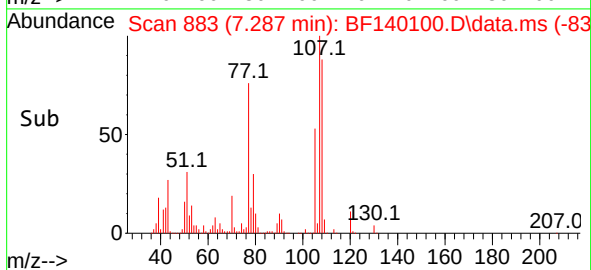
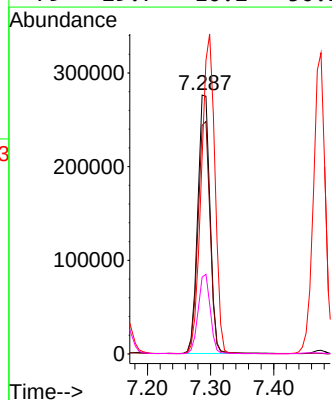
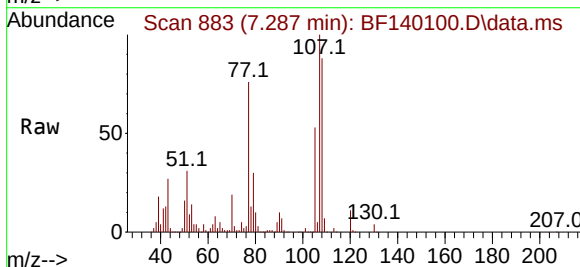
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 61.9  | 51.5  | 77.3  |
| 101 | 9.7   | 7.5   | 11.3  |
| 130 | 20.5  | 15.5  | 23.3  |

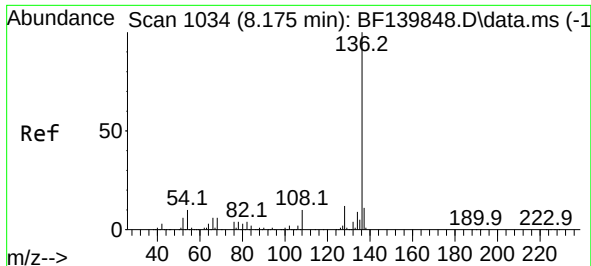


#20  
3+4-Methylphenols  
Concen: 37.773 ng  
RT: 7.287 min Scan# 883  
Delta R.T. 0.000 min  
Lab File: BF140100.D  
Acq: 29 Oct 2024 09:37

Tgt Ion: 107 Resp: 372087

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 88.3  | 69.8  | 109.8 |
| 77  | 76.2  | 50.5  | 90.5  |
| 79  | 29.7  | 10.2  | 50.2  |



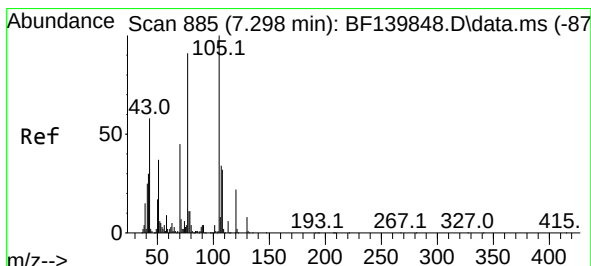
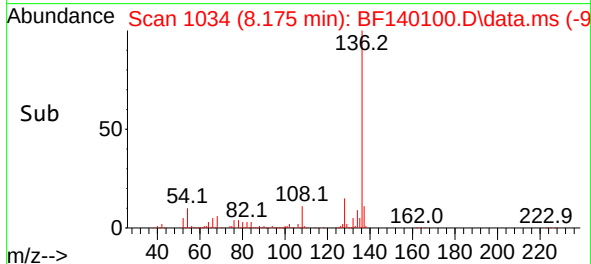
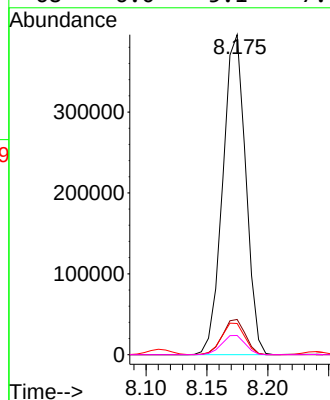
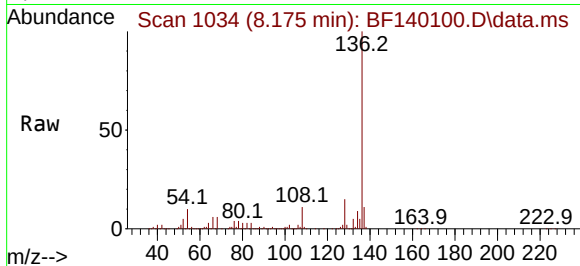


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.175 min Scan# 1034  
Delta R.T. 0.000 min  
Lab File: BF140100.D  
Acq: 29 Oct 2024 09:37

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:136 Resp: 518016

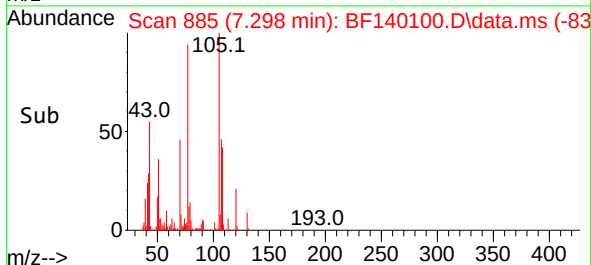
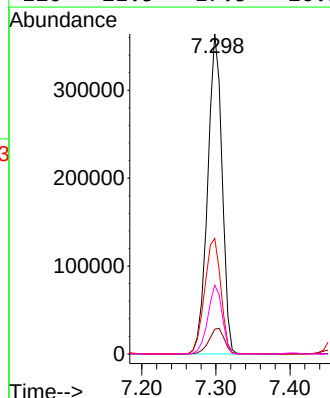
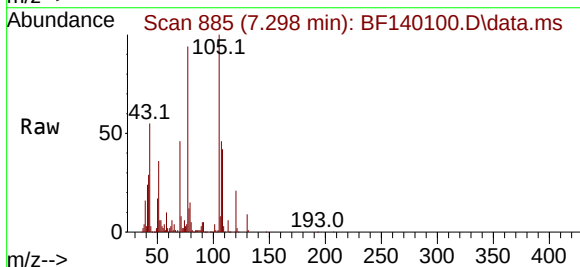
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.0  | 8.6   | 12.8  |
| 54  | 9.8   | 8.4   | 12.6  |
| 68  | 6.0   | 5.1   | 7.7   |

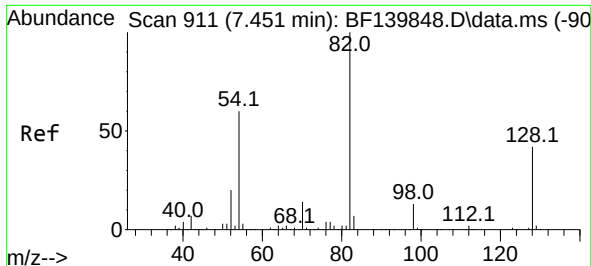


#22  
Acetophenone  
Concen: 38.706 ng  
RT: 7.298 min Scan# 885  
Delta R.T. 0.000 min  
Lab File: BF140100.D  
Acq: 29 Oct 2024 09:37

Tgt Ion:105 Resp: 491097

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 7.8   | 5.9   | 8.9   |
| 51  | 36.1  | 29.4  | 44.2  |
| 120 | 21.5  | 17.5  | 26.3  |

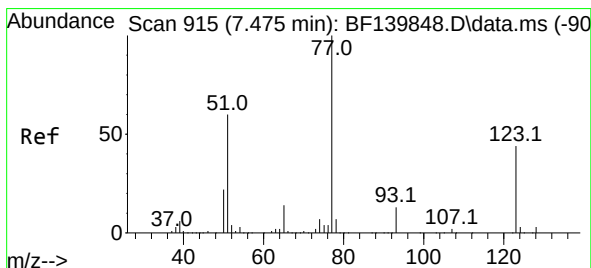
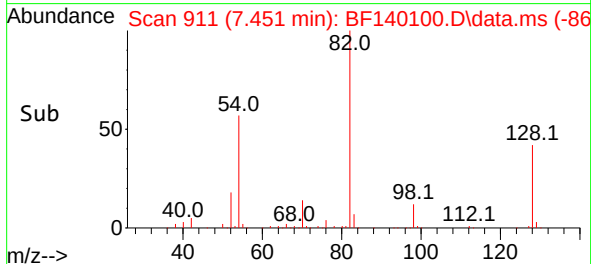
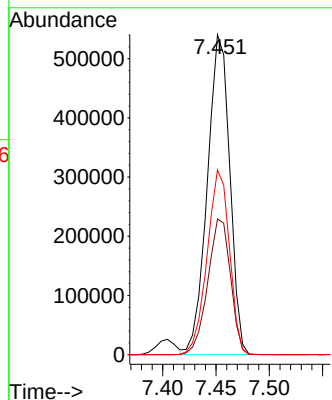
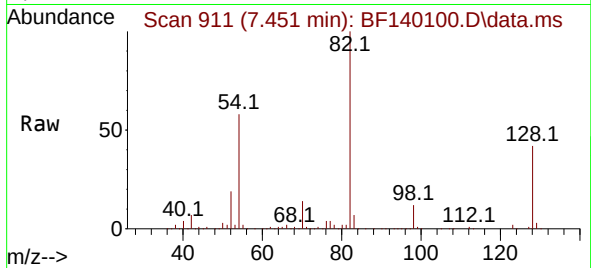




#23  
Nitrobenzene-d5  
Concen: 84.711 ng  
RT: 7.451 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: BF140100.D  
Acq: 29 Oct 2024 09:37

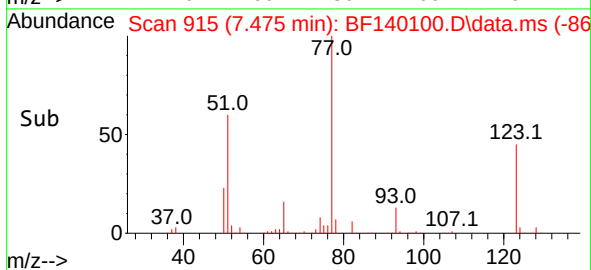
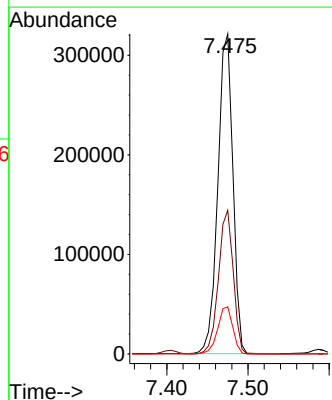
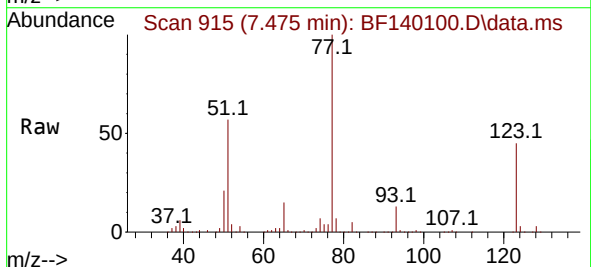
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

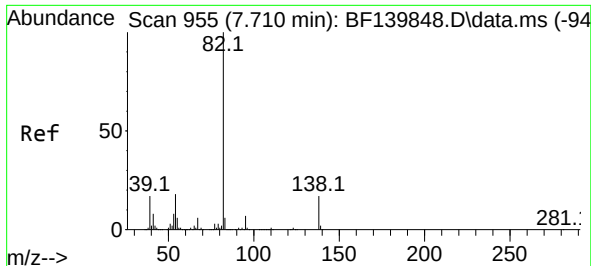
Tgt Ion: 82 Resp: 791747  
Ion Ratio Lower Upper  
82 100  
128 42.4 33.4 50.0  
54 57.7 47.8 71.8



#24  
Nitrobenzene  
Concen: 40.486 ng  
RT: 7.475 min Scan# 915  
Delta R.T. 0.000 min  
Lab File: BF140100.D  
Acq: 29 Oct 2024 09:37

Tgt Ion: 77 Resp: 414874  
Ion Ratio Lower Upper  
77 100  
123 44.9 35.7 53.5  
65 14.8 11.5 17.3

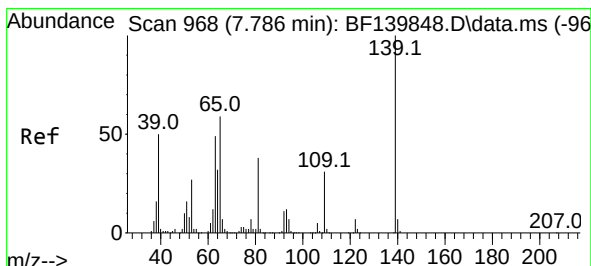
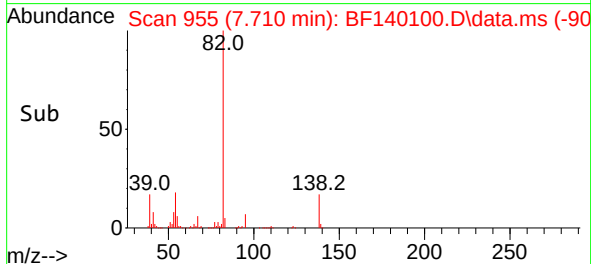
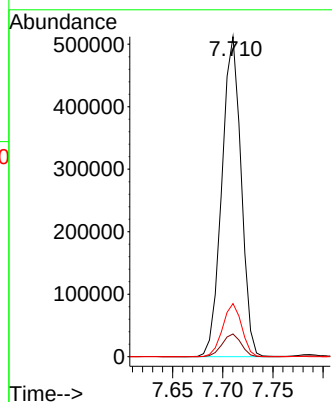
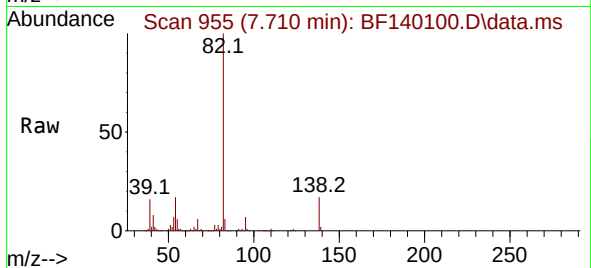




#25  
Isophorone  
Concen: 38.579 ng  
RT: 7.710 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF140100.D  
Acq: 29 Oct 2024 09:37

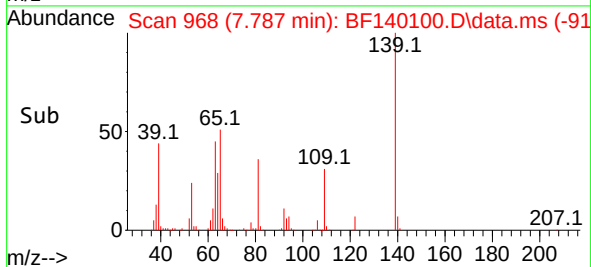
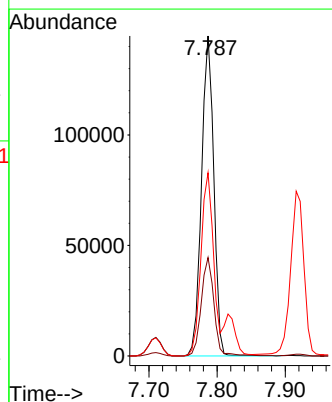
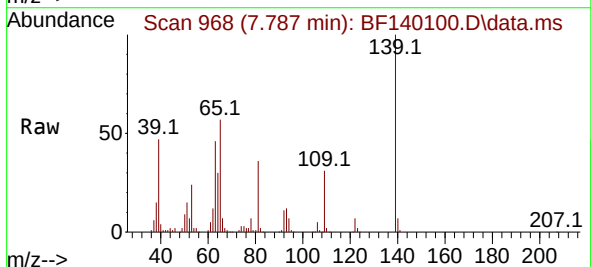
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 82 Resp: 684378  
Ion Ratio Lower Upper  
82 100  
95 7.1 5.5 8.3  
138 16.6 13.2 19.8

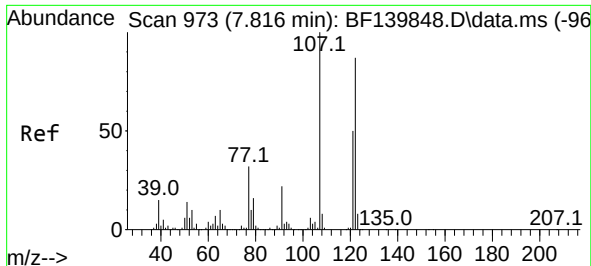


#26  
2-Nitrophenol  
Concen: 46.897 ng  
RT: 7.787 min Scan# 968  
Delta R.T. 0.000 min  
Lab File: BF140100.D  
Acq: 29 Oct 2024 09:37

Tgt Ion:139 Resp: 181297  
Ion Ratio Lower Upper  
139 100  
109 30.7 25.1 37.7  
65 57.2 47.5 71.3



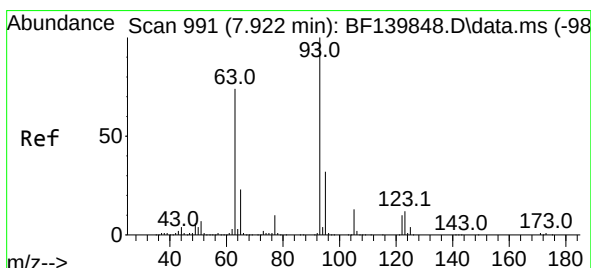
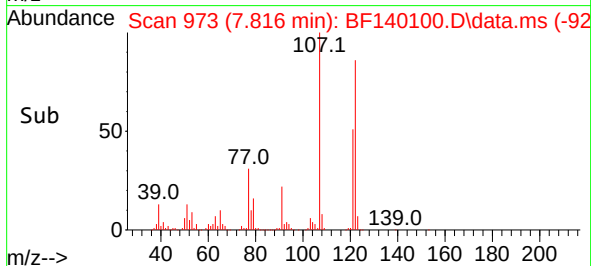
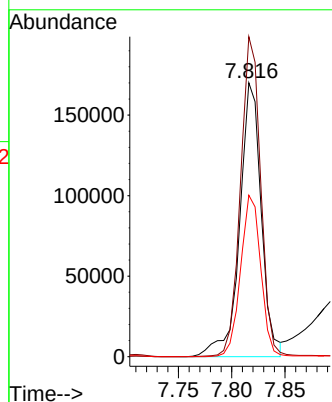
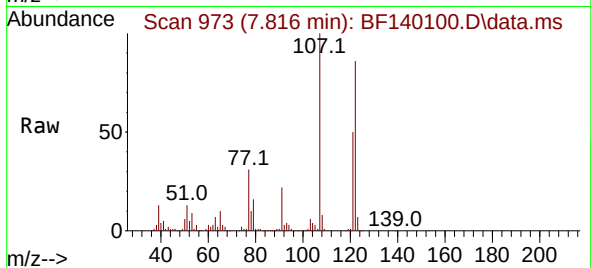




#27  
2,4-Dimethylphenol  
Concen: 37.294 ng  
RT: 7.816 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF140100.D  
Acq: 29 Oct 2024 09:37

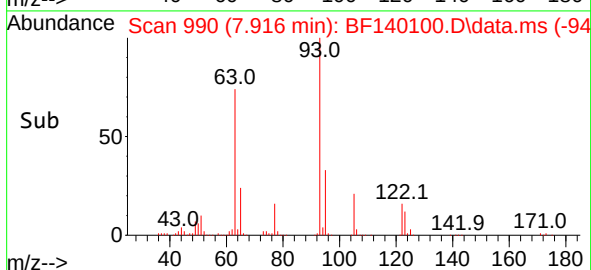
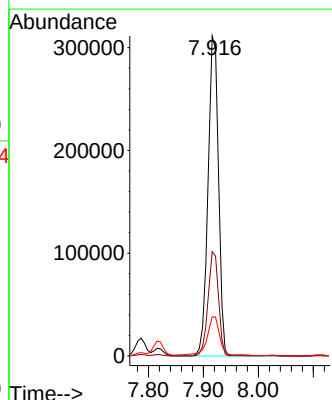
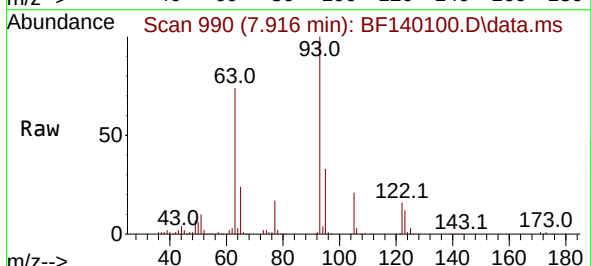
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

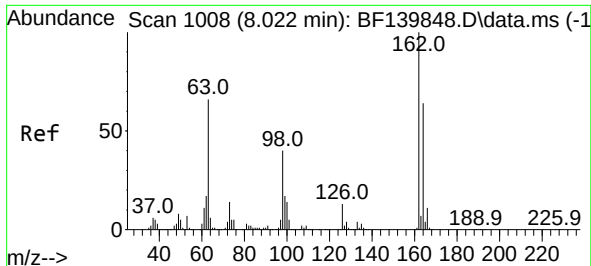
Tgt Ion:122 Resp: 240401  
Ion Ratio Lower Upper  
122 100  
107 116.8 91.9 137.9  
121 58.9 46.2 69.4



#28  
bis(2-Chloroethoxy)methane  
Concen: 38.395 ng  
RT: 7.916 min Scan# 990  
Delta R.T. -0.006 min  
Lab File: BF140100.D  
Acq: 29 Oct 2024 09:37

Tgt Ion: 93 Resp: 412663  
Ion Ratio Lower Upper  
93 100  
95 32.6 26.0 39.0  
123 12.2 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 39.500 ng

RT: 8.028 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF140100.D

Acq: 29 Oct 2024 09:37

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

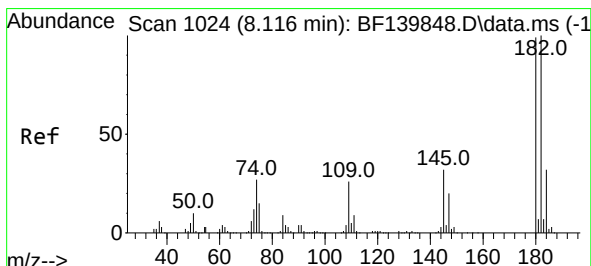
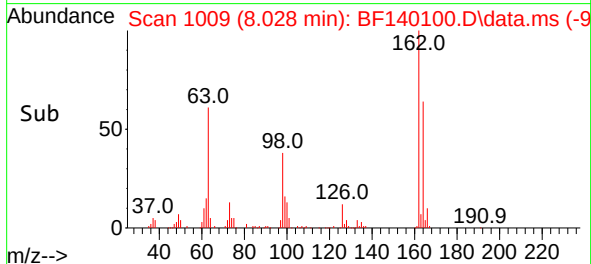
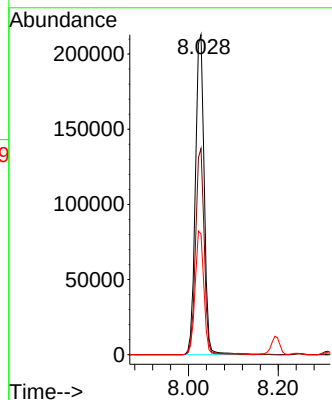
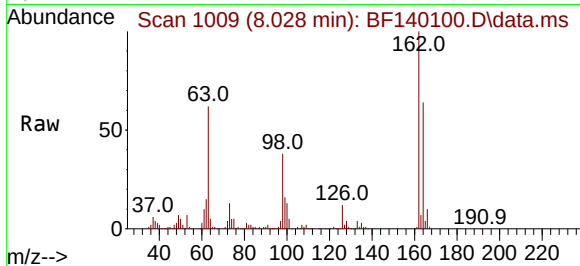
Tgt Ion:162 Resp: 290020

Ion Ratio Lower Upper

162 100

164 64.5 43.9 83.9

98 37.7 19.9 59.9



#30

1,2,4-Trichlorobenzene

Concen: 39.921 ng

RT: 8.110 min Scan# 1023

Delta R.T. -0.006 min

Lab File: BF140100.D

Acq: 29 Oct 2024 09:37

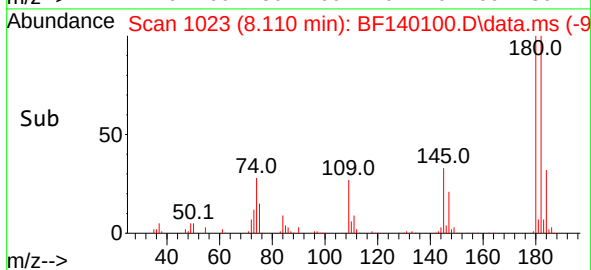
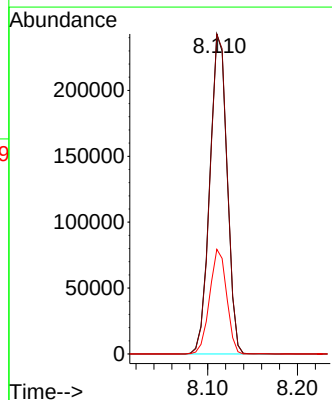
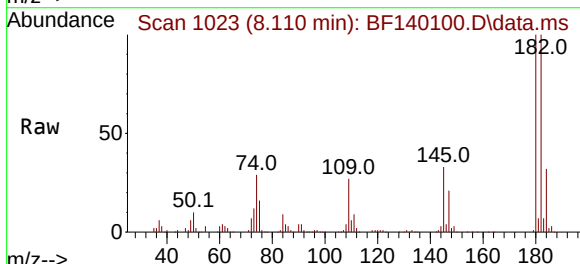
Tgt Ion:180 Resp: 324335

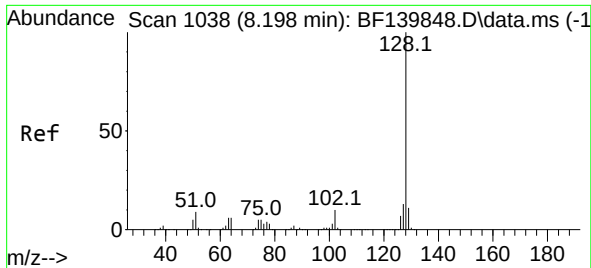
Ion Ratio Lower Upper

180 100

182 99.8 80.5 120.7

145 32.7 25.4 38.0

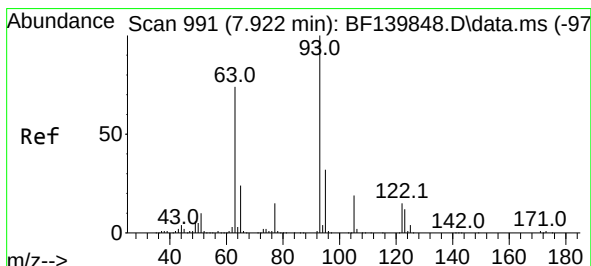
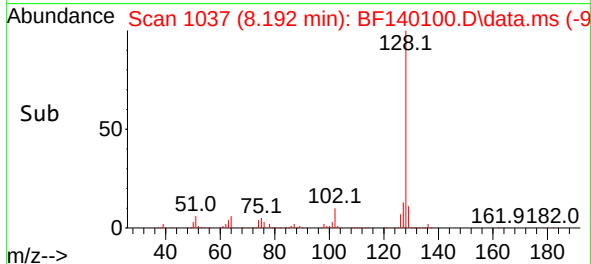
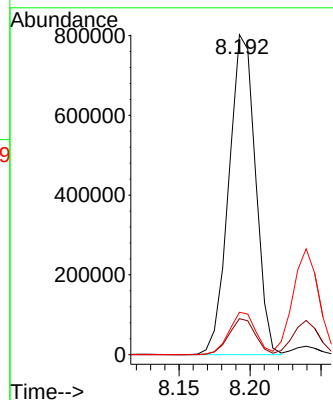
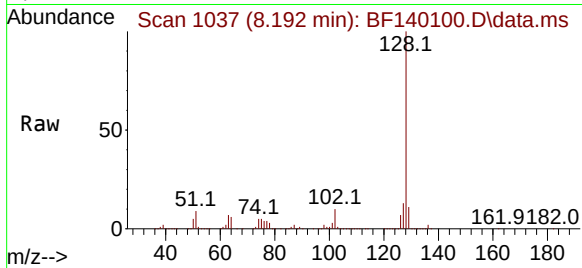




#31  
Naphthalene  
Concen: 39.161 ng  
RT: 8.192 min Scan# 1038  
Delta R.T. -0.006 min  
Lab File: BF140100.D  
Acq: 29 Oct 2024 09:37

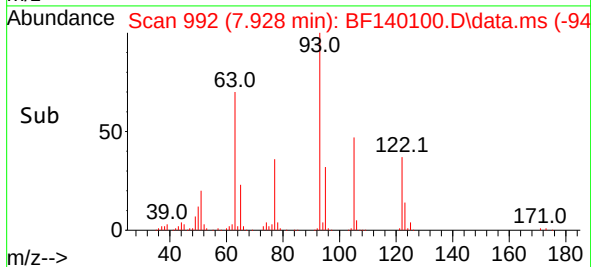
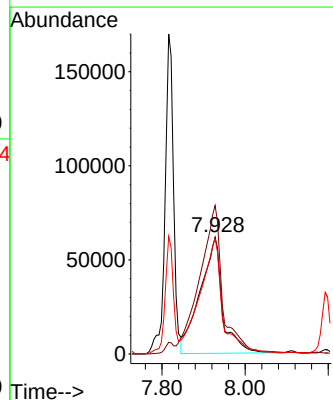
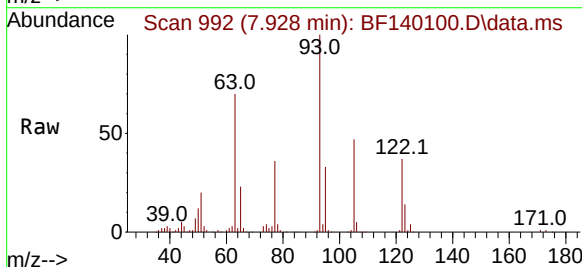
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

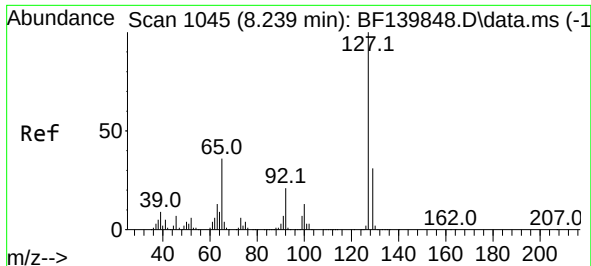
Tgt Ion:128 Resp: 1046243  
Ion Ratio Lower Upper  
128 100  
129 11.2 8.9 13.3  
127 13.2 10.6 16.0



#32  
Benzoic acid  
Concen: 41.140 ng  
RT: 7.928 min Scan# 992  
Delta R.T. 0.006 min  
Lab File: BF140100.D  
Acq: 29 Oct 2024 09:37

Tgt Ion:122 Resp: 231302  
Ion Ratio Lower Upper  
122 100  
105 127.2 107.6 147.6  
77 98.8 80.2 120.2

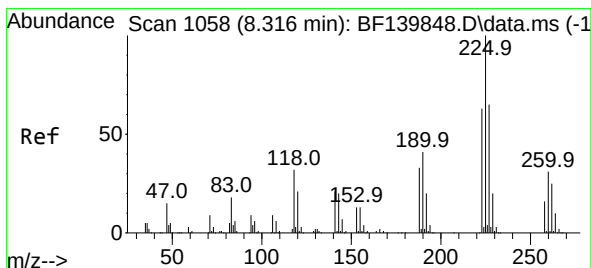
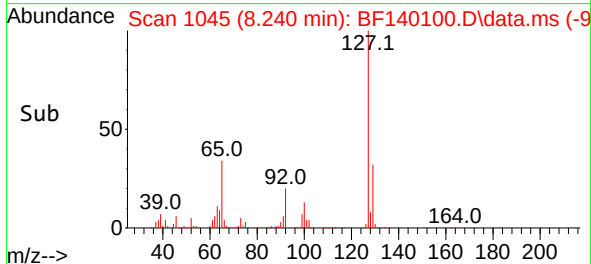
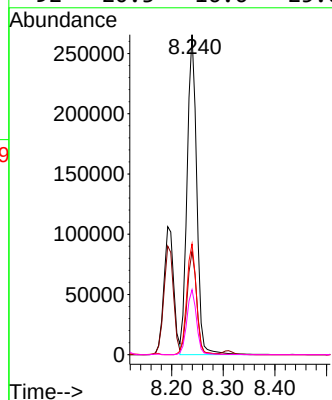
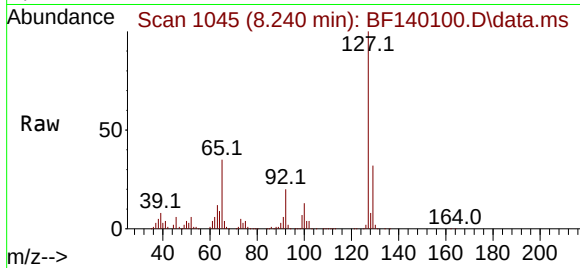




#33  
4-Chloroaniline  
Concen: 37.651 ng  
RT: 8.240 min Scan# 1045  
Delta R.T. 0.000 min  
Lab File: BF140100.D  
Acq: 29 Oct 2024 09:37

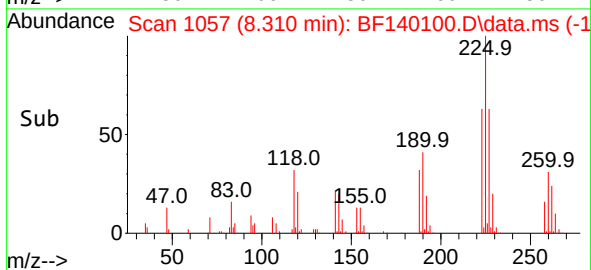
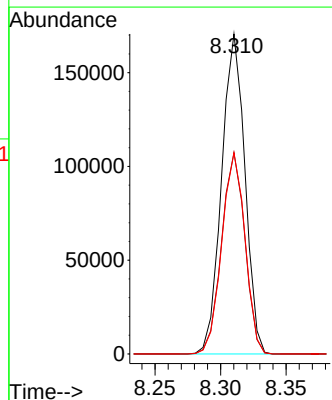
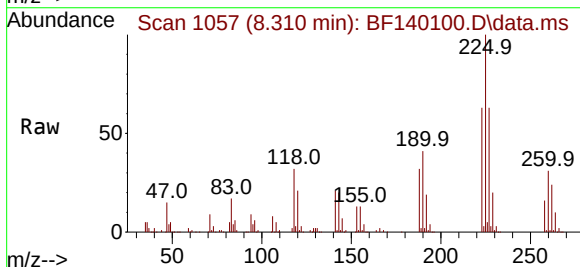
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

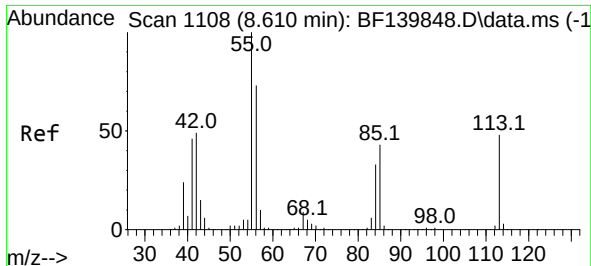
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 127   | Resp: | 342997 |
| Ion Ratio | Lower | Upper |        |
| 127       | 100   |       |        |
| 129       | 32.3  | 25.4  | 38.2   |
| 65        | 34.6  | 28.4  | 42.6   |
| 92        | 20.3  | 16.6  | 25.0   |



#34  
Hexachlorobutadiene  
Concen: 41.197 ng  
RT: 8.310 min Scan# 1057  
Delta R.T. -0.006 min  
Lab File: BF140100.D  
Acq: 29 Oct 2024 09:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 210297 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 62.9  | 50.6  | 76.0   |
| 227       | 62.9  | 51.8  | 77.8   |

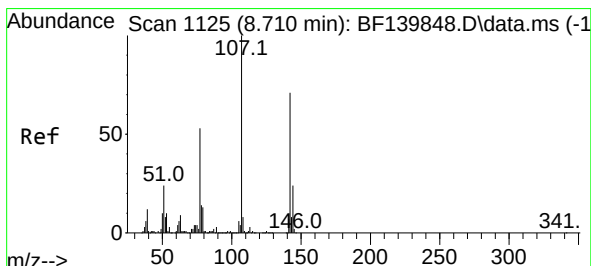
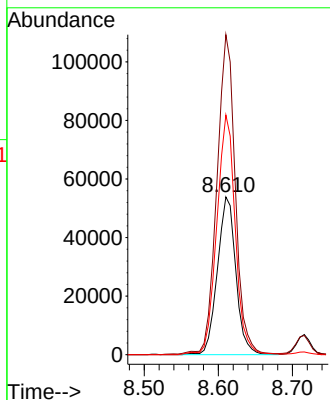
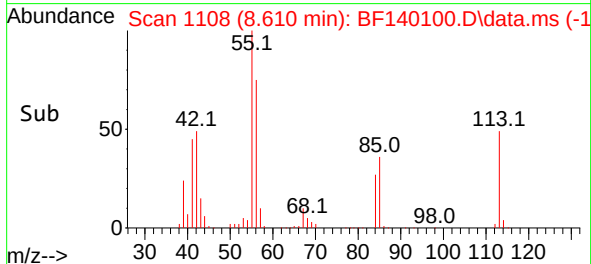
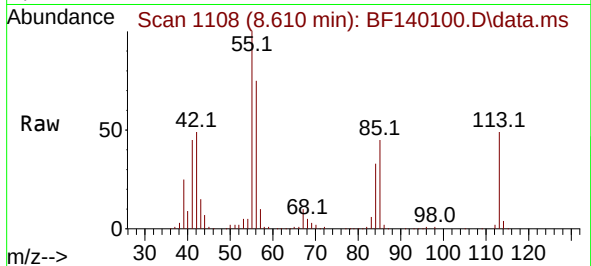




#35  
 Caprolactam  
 Concen: 39.935 ng  
 RT: 8.610 min Scan# 1108  
 Delta R.T. 0.000 min  
 Lab File: BF140100.D  
 Acq: 29 Oct 2024 09:37

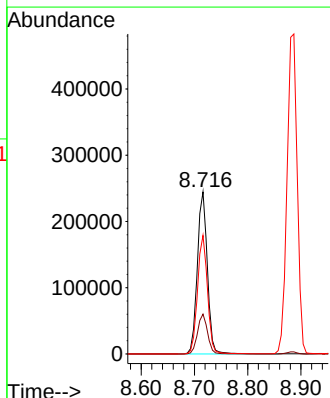
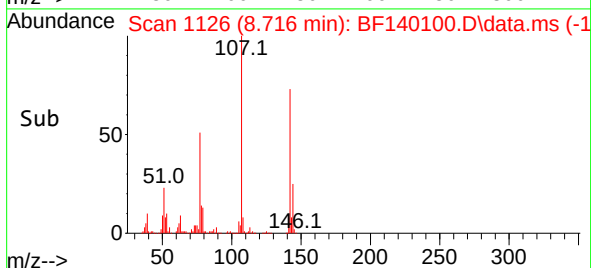
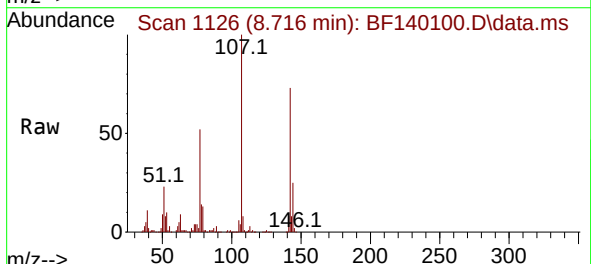
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

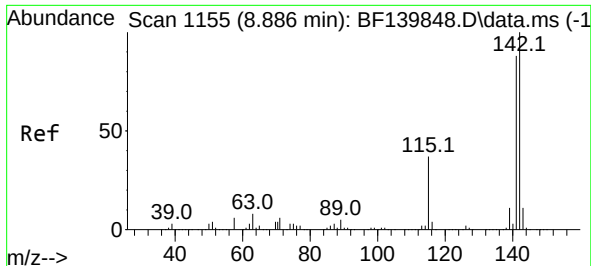
Tgt Ion:113 Resp: 93232  
 Ion Ratio Lower Upper  
 113 100  
 55 202.9 189.2 229.2  
 56 152.0 132.5 172.5



#36  
 4-Chloro-3-methylphenol  
 Concen: 39.486 ng  
 RT: 8.716 min Scan# 1126  
 Delta R.T. 0.006 min  
 Lab File: BF140100.D  
 Acq: 29 Oct 2024 09:37

Tgt Ion:107 Resp: 321026  
 Ion Ratio Lower Upper  
 107 100  
 144 24.5 19.1 28.7  
 142 73.1 57.2 85.8





#37

2-Methylnaphthalene

Concen: 39.026 ng

RT: 8.887 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF140100.D

Acq: 29 Oct 2024 09:37

Instrument :

BNA\_F

ClientSampleId :

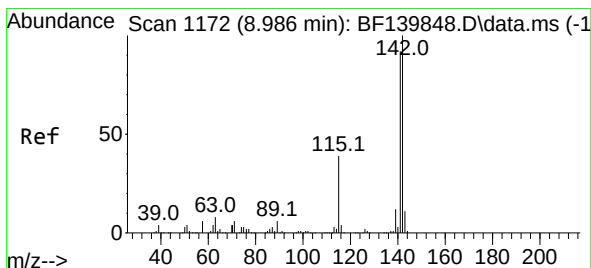
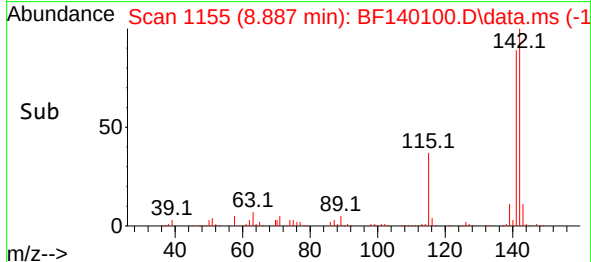
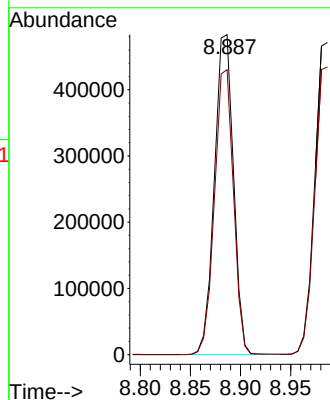
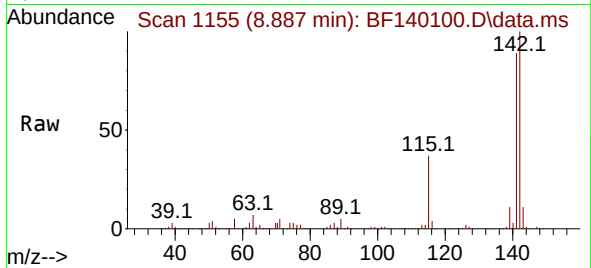
SSTDCCC040

Tgt Ion:142 Resp: 638545

Ion Ratio Lower Upper

142 100

141 89.0 70.8 106.2



#38

1-Methylnaphthalene

Concen: 38.730 ng

RT: 8.987 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF140100.D

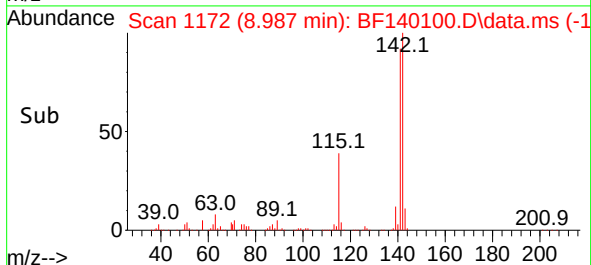
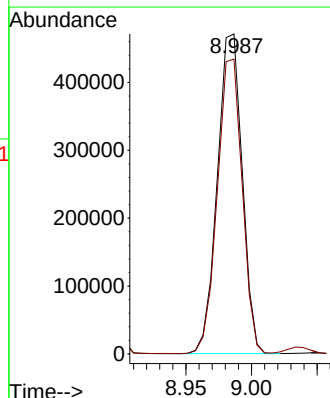
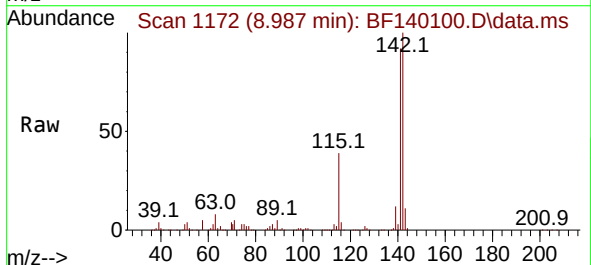
Acq: 29 Oct 2024 09:37

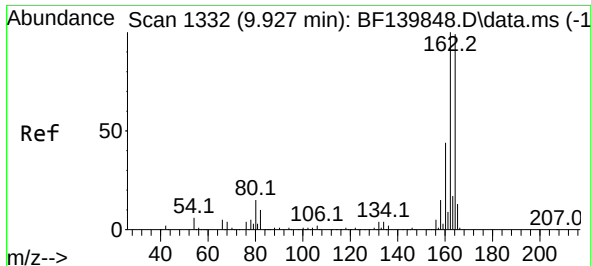
Tgt Ion:142 Resp: 621727

Ion Ratio Lower Upper

142 100

141 92.1 73.5 110.3

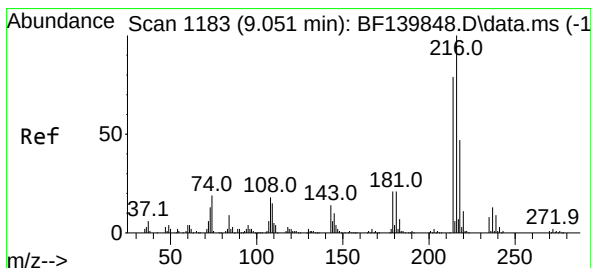
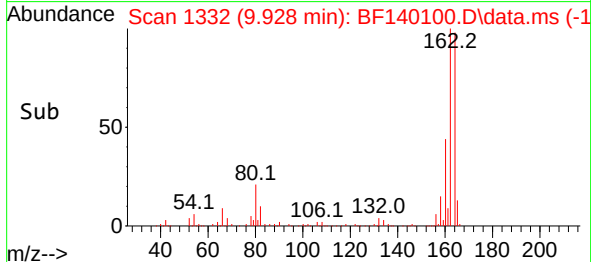
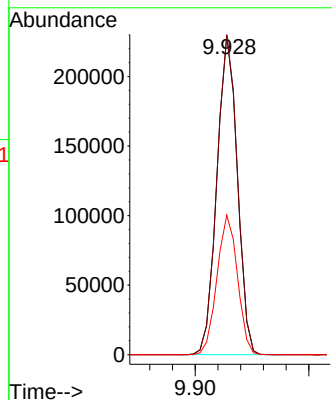
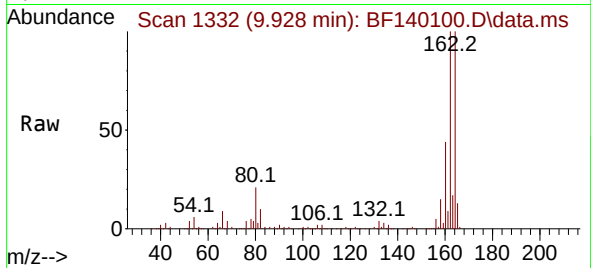




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.928 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: BF140100.D  
Acq: 29 Oct 2024 09:37

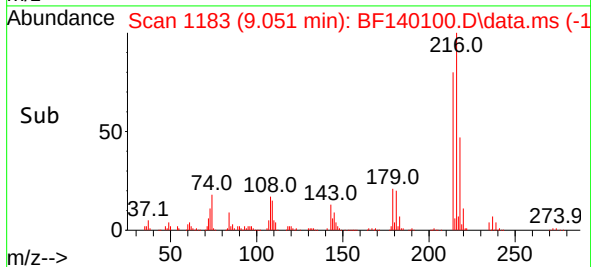
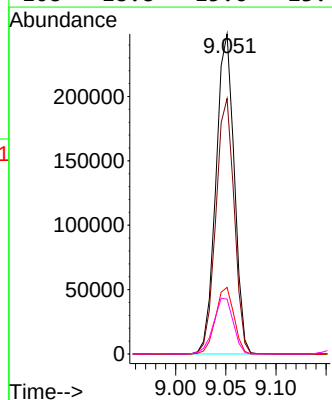
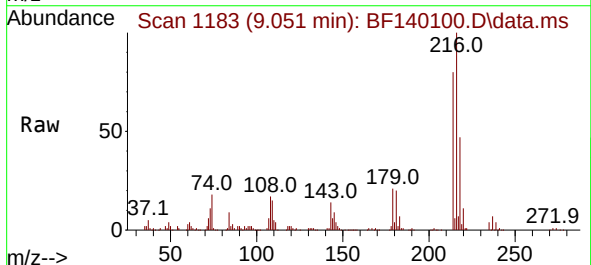
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

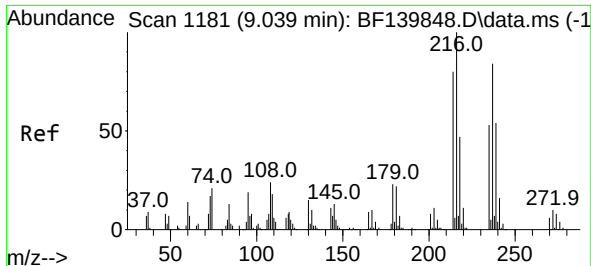
Tgt Ion:164 Resp: 286088  
Ion Ratio Lower Upper  
164 100  
162 100.4 81.0 121.4  
160 43.8 35.4 53.0



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 40.717 ng  
RT: 9.051 min Scan# 1183  
Delta R.T. 0.000 min  
Lab File: BF140100.D  
Acq: 29 Oct 2024 09:37

Tgt Ion:216 Resp: 314265  
Ion Ratio Lower Upper  
216 100  
214 79.8 63.4 95.0  
179 21.0 17.2 25.8  
108 18.8 15.6 23.4

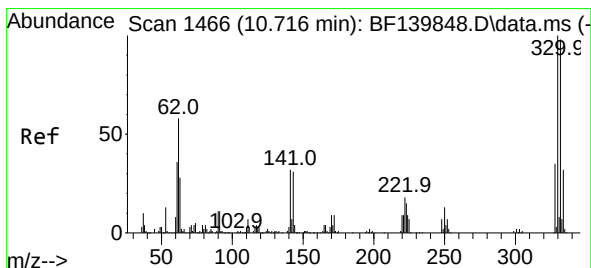
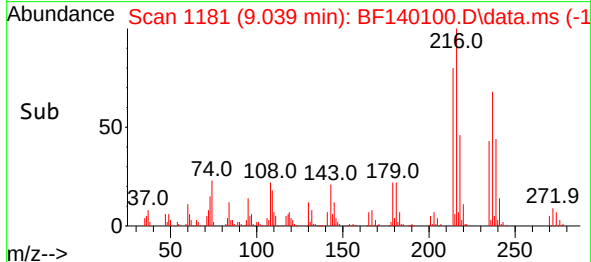
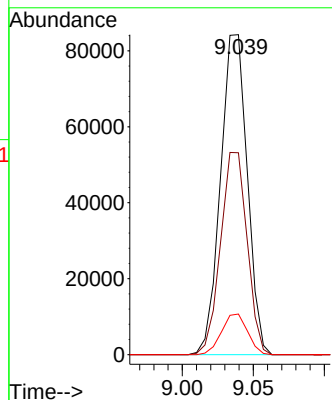
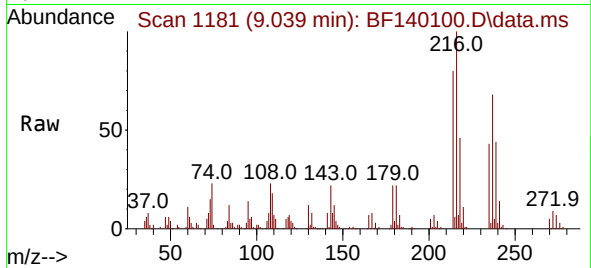




#41  
Hexachlorocyclopentadiene  
Concen: 41.093 ng  
RT: 9.039 min Scan# 1181  
Delta R.T. 0.000 min  
Lab File: BF140100.D  
Acq: 29 Oct 2024 09:37

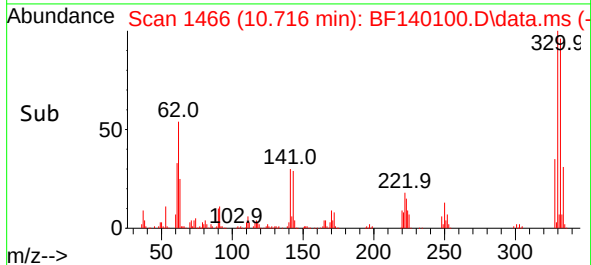
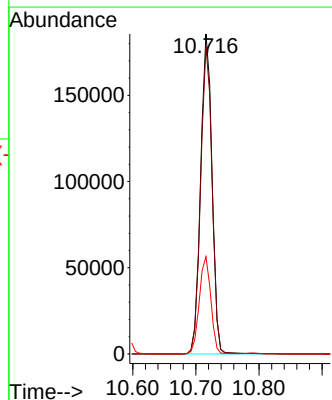
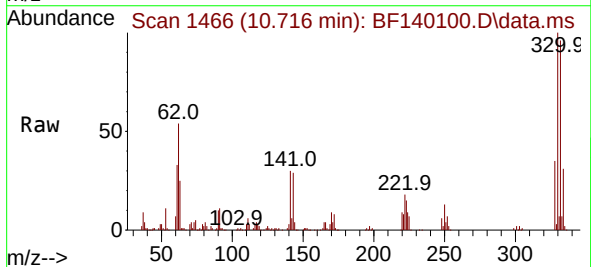
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:237 Resp: 110357  
Ion Ratio Lower Upper  
237 100  
235 63.1 42.9 82.9  
272 12.7 0.0 32.3

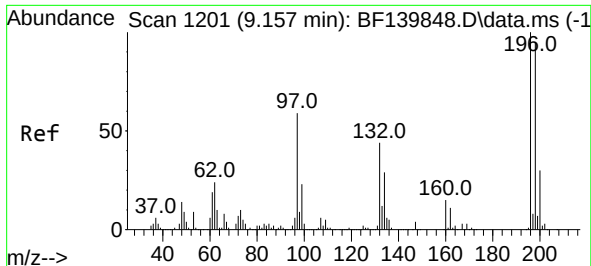


#42  
2,4,6-Tribromophenol  
Concen: 86.905 ng  
RT: 10.716 min Scan# 1466  
Delta R.T. 0.000 min  
Lab File: BF140100.D  
Acq: 29 Oct 2024 09:37

Tgt Ion:330 Resp: 232556  
Ion Ratio Lower Upper  
330 100  
332 96.2 78.1 117.1  
141 30.7 26.6 39.8







#43

2,4,6-Trichlorophenol

Concen: 39.415 ng

RT: 9.157 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140100.D

Acq: 29 Oct 2024 09:37

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

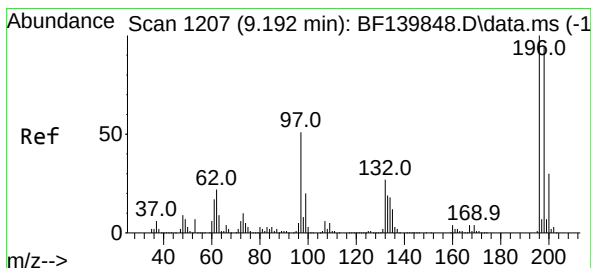
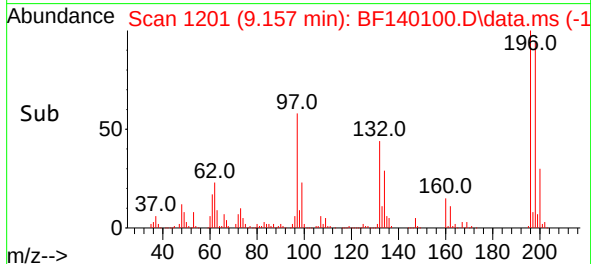
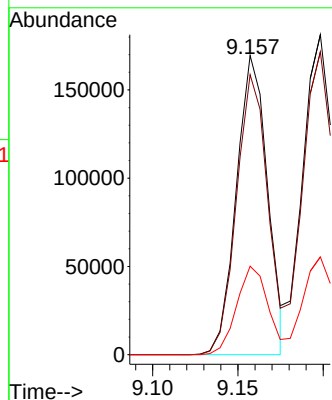
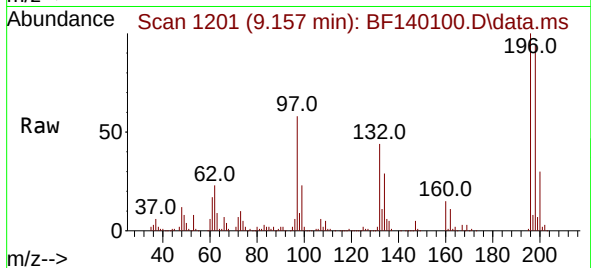
Tgt Ion:196 Resp: 215379

Ion Ratio Lower Upper

196 100

198 93.6 76.2 114.2

200 29.6 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 41.730 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.006 min

Lab File: BF140100.D

Acq: 29 Oct 2024 09:37

Tgt Ion:196 Resp: 235263

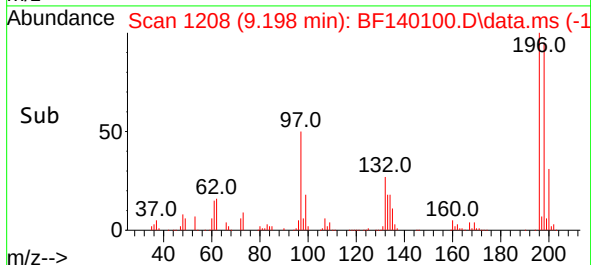
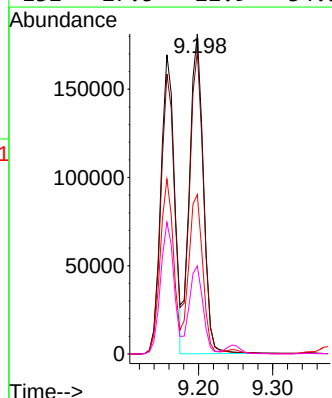
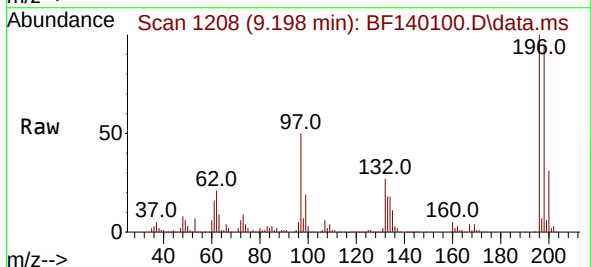
Ion Ratio Lower Upper

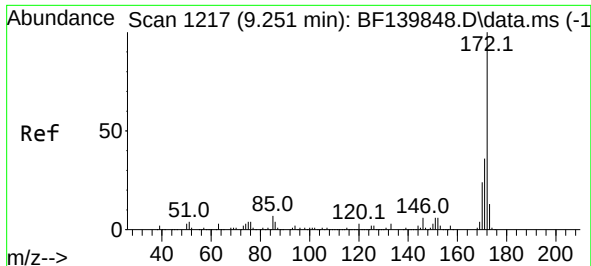
196 100

198 94.7 75.8 113.6

97 49.8 41.8 62.6

132 27.5 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 77.983 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF140100.D

Acq: 29 Oct 2024 09:37

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

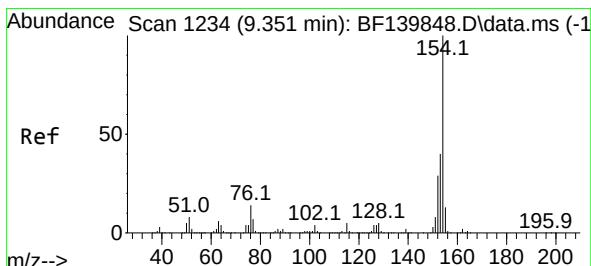
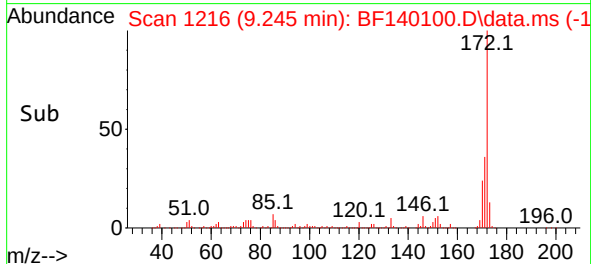
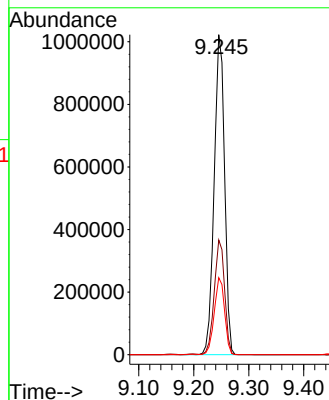
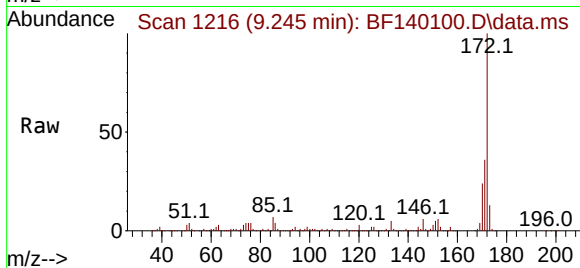
Tgt Ion:172 Resp: 1349912

Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

170 24.0 19.1 28.7



#46

1,1'-Biphenyl

Concen: 39.200 ng

RT: 9.351 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BF140100.D

Acq: 29 Oct 2024 09:37

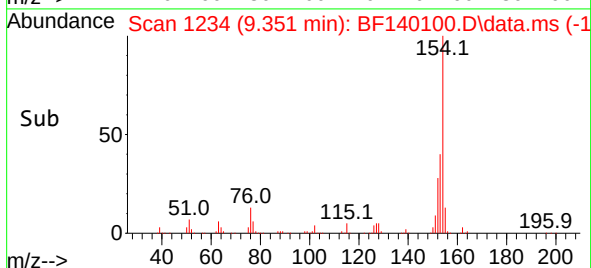
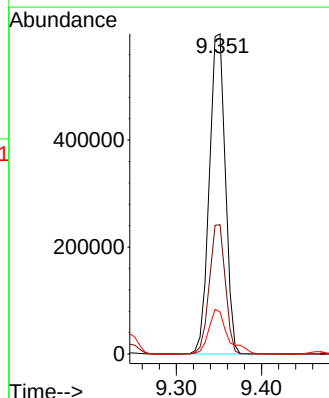
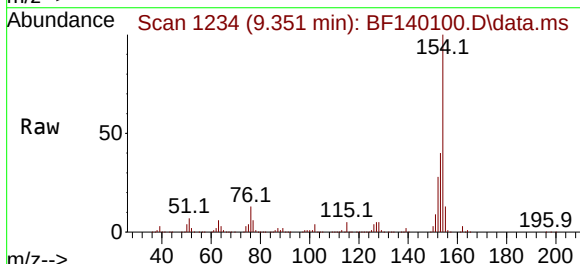
Tgt Ion:154 Resp: 780707

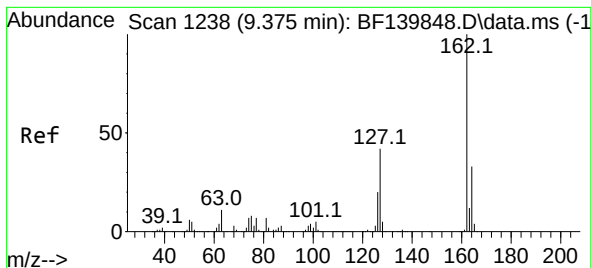
Ion Ratio Lower Upper

154 100

153 40.4 20.3 60.3

76 13.1 0.0 33.9





#47

2-Chloronaphthalene

Concen: 39.527 ng

RT: 9.375 min Scan# 1238

Delta R.T. 0.000 min

Lab File: BF140100.D

Acq: 29 Oct 2024 09:37

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

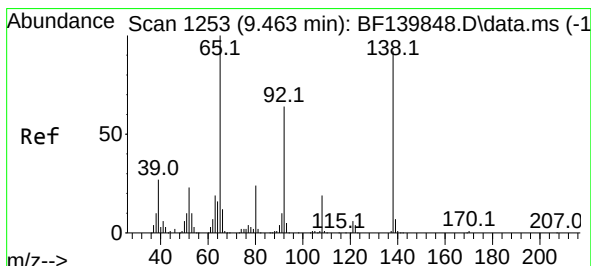
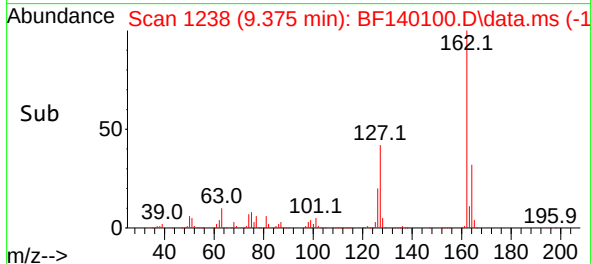
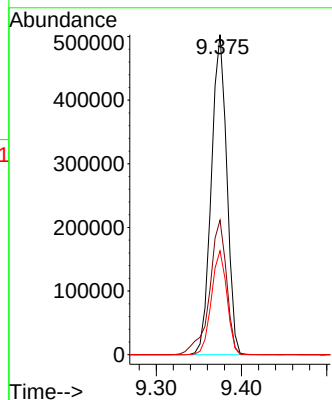
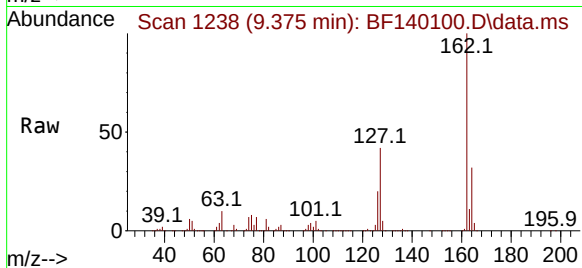
Tgt Ion:162 Resp: 634031

Ion Ratio Lower Upper

162 100

127 42.0 33.8 50.6

164 32.4 26.6 39.8



#48

2-Nitroaniline

Concen: 44.929 ng

RT: 9.463 min Scan# 1253

Delta R.T. 0.000 min

Lab File: BF140100.D

Acq: 29 Oct 2024 09:37

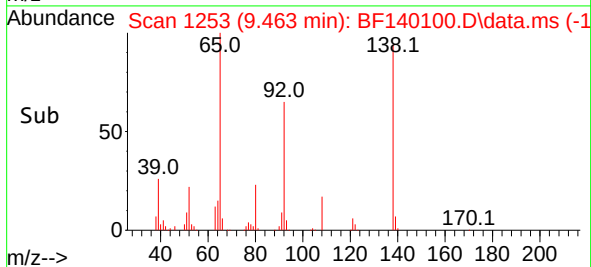
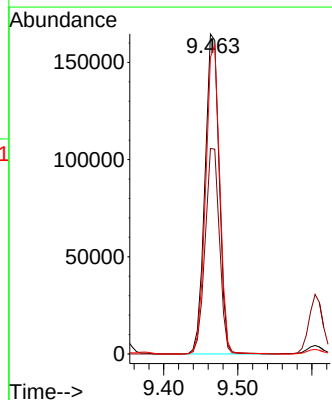
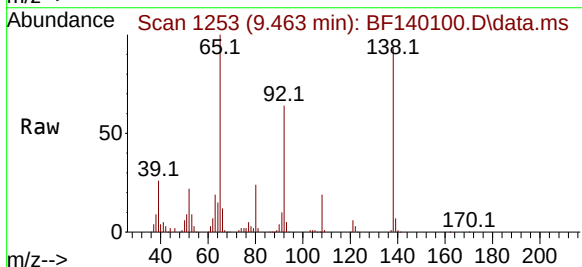
Tgt Ion: 65 Resp: 220417

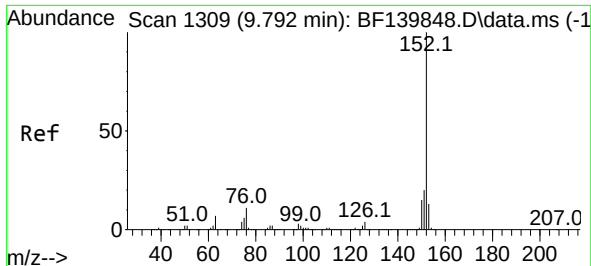
Ion Ratio Lower Upper

65 100

92 64.2 50.9 76.3

138 92.7 73.4 110.0





#49

Acenaphthylene

Concen: 39.600 ng

RT: 9.787 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140100.D

Acq: 29 Oct 2024 09:37

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

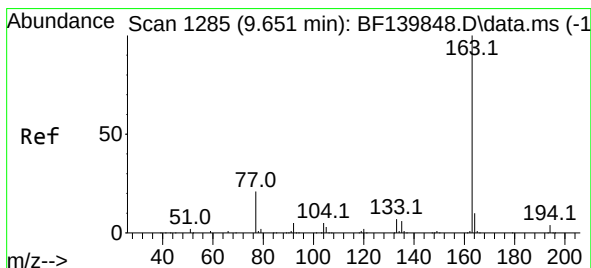
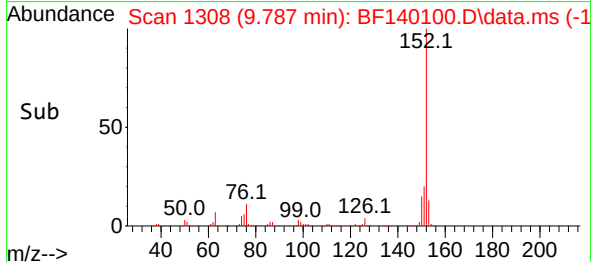
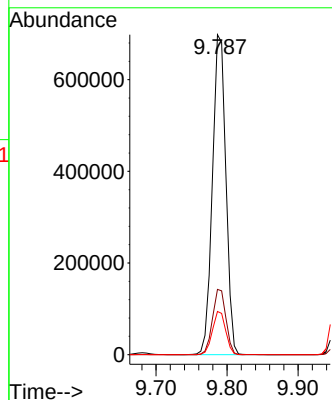
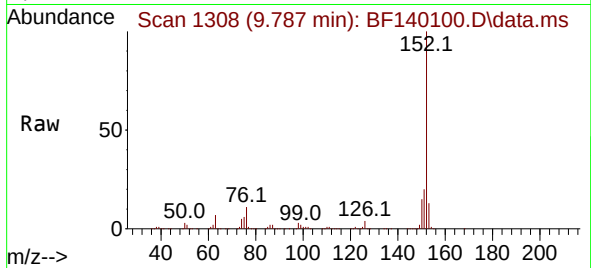
Tgt Ion:152 Resp: 918315

Ion Ratio Lower Upper

152 100

151 20.4 15.9 23.9

153 13.5 10.7 16.1



#50

Dimethylphthalate

Concen: 39.396 ng

RT: 9.645 min Scan# 1284

Delta R.T. -0.006 min

Lab File: BF140100.D

Acq: 29 Oct 2024 09:37

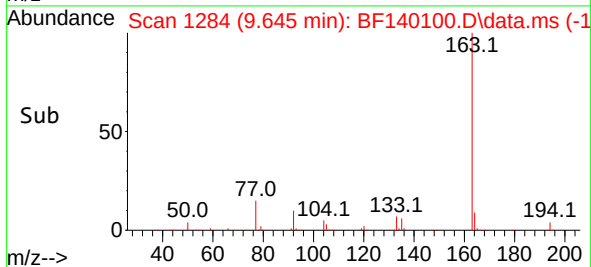
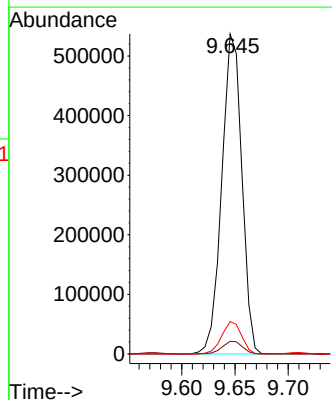
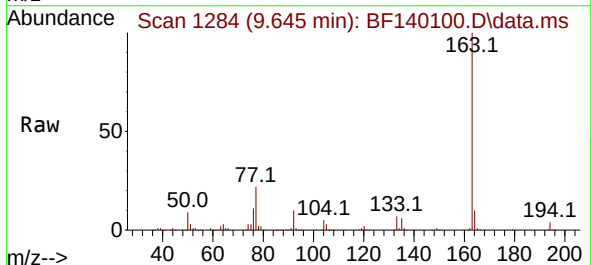
Tgt Ion:163 Resp: 702032

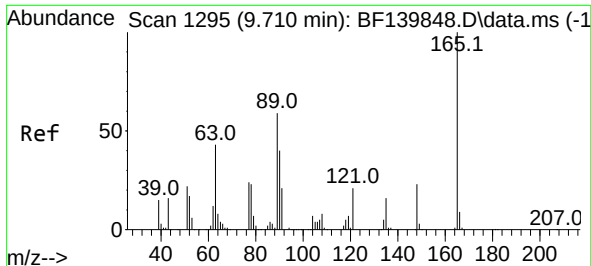
Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

164 10.1 8.2 12.2

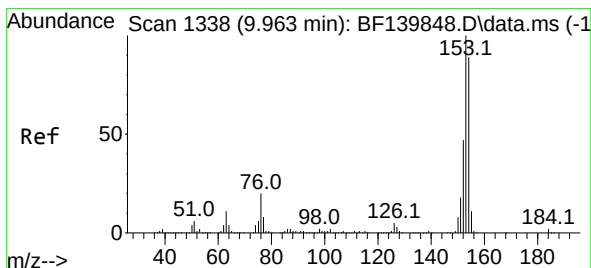
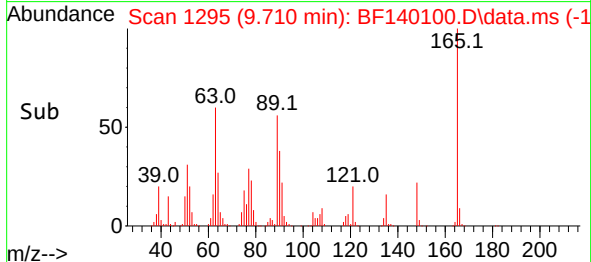
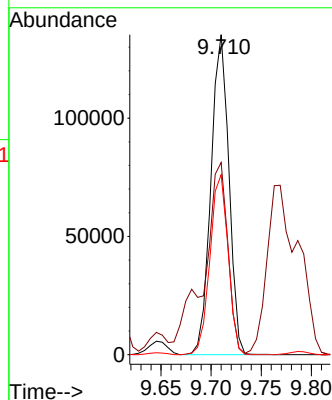
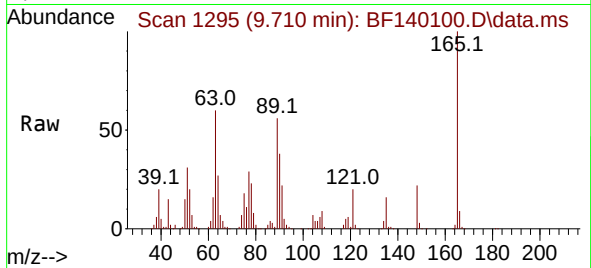




#51  
2,6-Dinitrotoluene  
Concen: 43.705 ng  
RT: 9.710 min Scan# 1295  
Delta R.T. 0.000 min  
Lab File: BF140100.D  
Acq: 29 Oct 2024 09:37

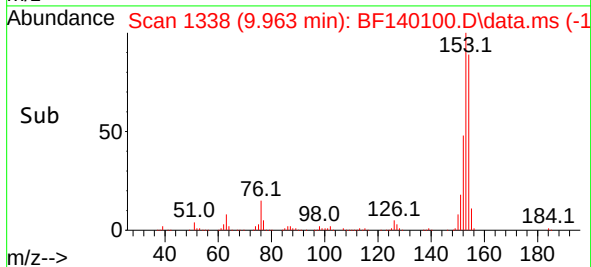
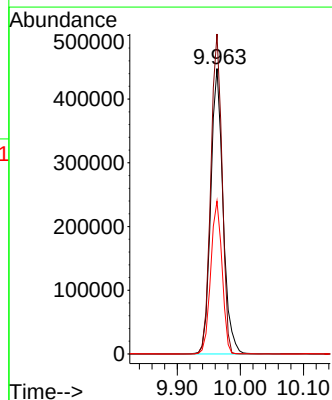
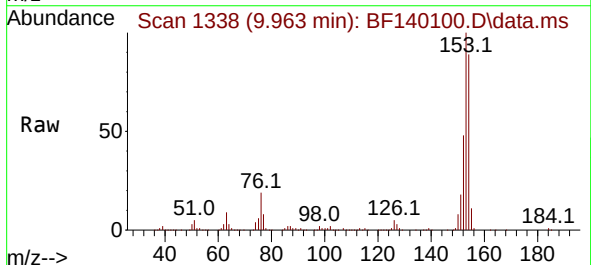
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

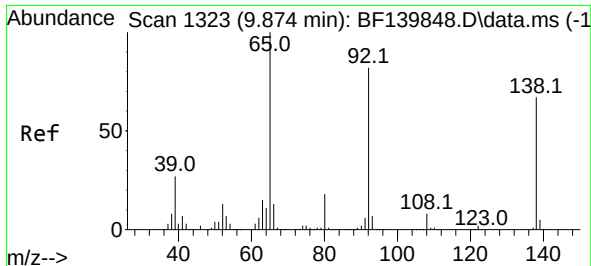
Tgt Ion:165 Resp: 168631  
Ion Ratio Lower Upper  
165 100  
63 60.0 50.6 75.8  
89 56.3 47.5 71.3



#52  
Acenaphthene  
Concen: 40.465 ng  
RT: 9.963 min Scan# 1338  
Delta R.T. 0.000 min  
Lab File: BF140100.D  
Acq: 29 Oct 2024 09:37

Tgt Ion:154 Resp: 607030  
Ion Ratio Lower Upper  
154 100  
153 112.1 89.8 134.6  
152 53.5 42.4 63.6

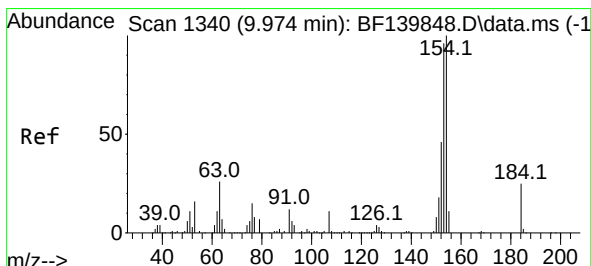
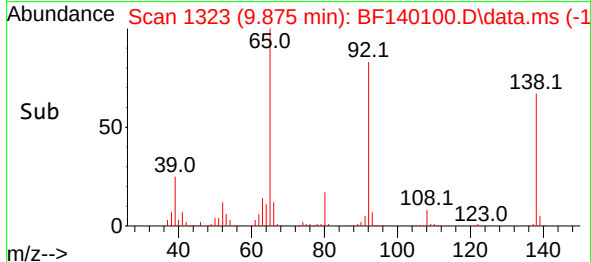
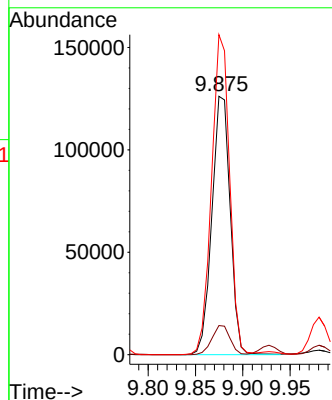
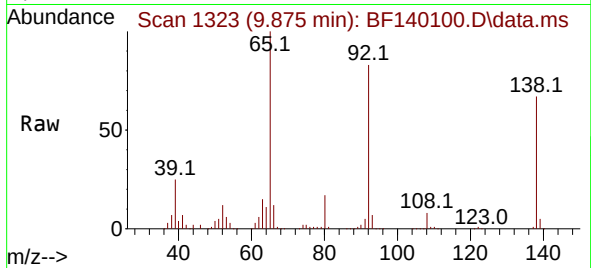




#53  
3-Nitroaniline  
Concen: 42.683 ng  
RT: 9.875 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF140100.D  
Acq: 29 Oct 2024 09:37

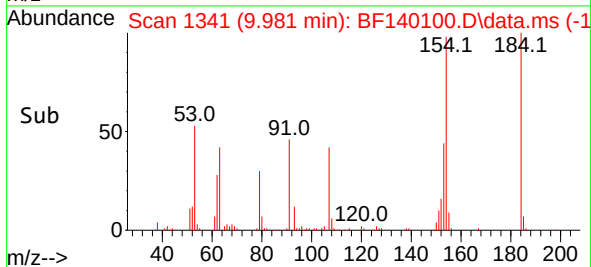
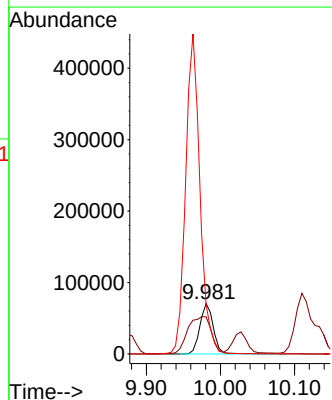
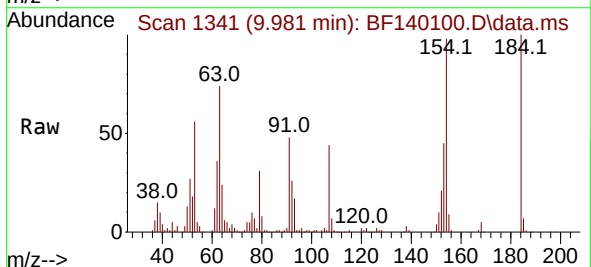
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

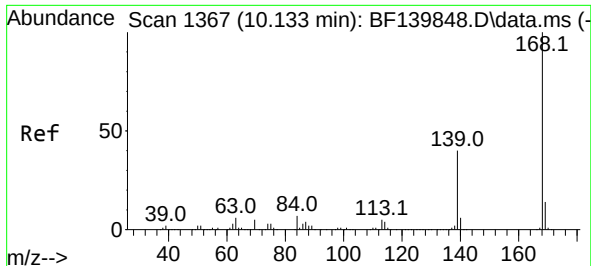
Tgt Ion:138 Resp: 169830  
Ion Ratio Lower Upper  
138 100  
108 11.3 10.2 15.2  
92 123.8 98.3 147.5



#54  
2,4-Dinitrophenol  
Concen: 57.194 ng  
RT: 9.981 min Scan# 1341  
Delta R.T. 0.007 min  
Lab File: BF140100.D  
Acq: 29 Oct 2024 09:37

Tgt Ion:184 Resp: 88438  
Ion Ratio Lower Upper  
184 100  
63 73.7 84.7 127.1#  
154 98.0 338.2 507.2#

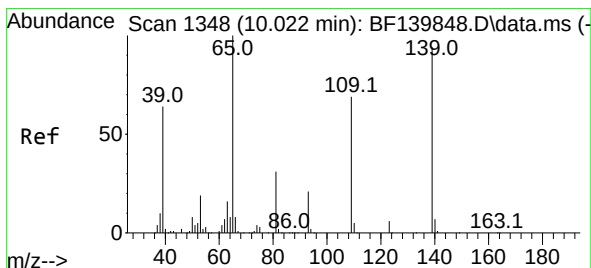
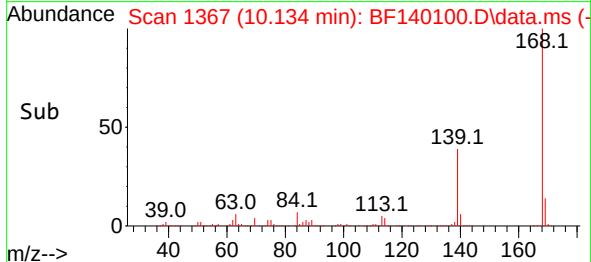
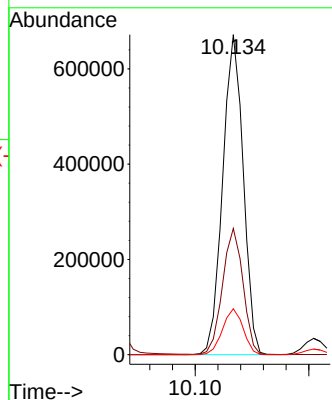
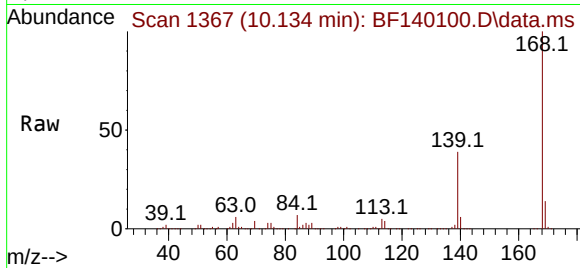




#55  
Dibenzofuran  
Concen: 39.241 ng  
RT: 10.134 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF140100.D  
Acq: 29 Oct 2024 09:37

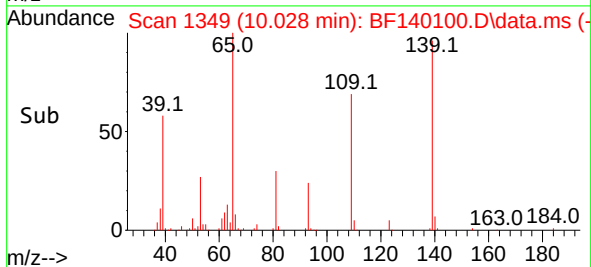
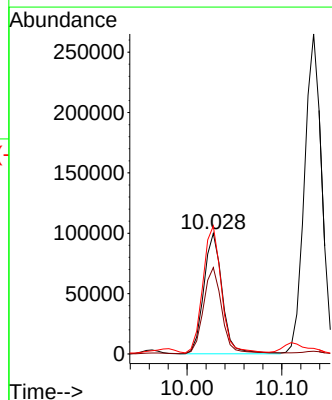
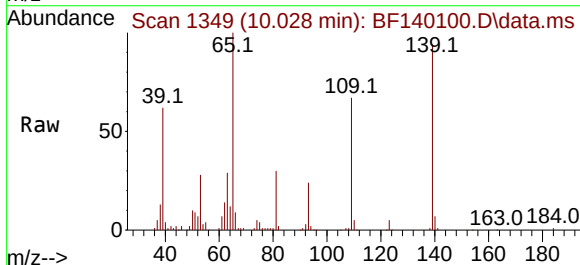
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

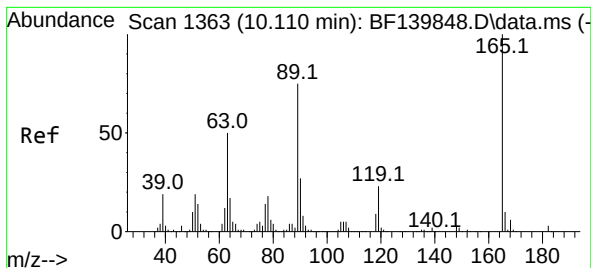
Tgt Ion:168 Resp: 844602  
Ion Ratio Lower Upper  
168 100  
139 39.5 31.8 47.6  
169 14.3 11.6 17.4



#56  
4-Nitrophenol  
Concen: 44.022 ng  
RT: 10.028 min Scan# 1349  
Delta R.T. 0.006 min  
Lab File: BF140100.D  
Acq: 29 Oct 2024 09:37

Tgt Ion:139 Resp: 134760  
Ion Ratio Lower Upper  
139 100  
109 71.7 53.6 93.6  
65 106.2 87.8 127.8

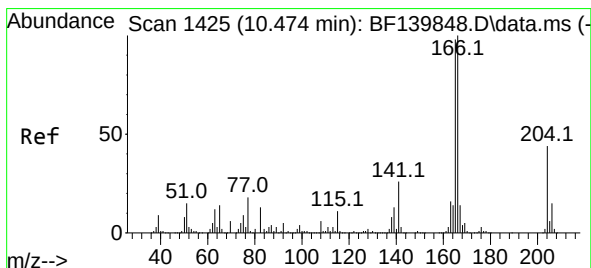
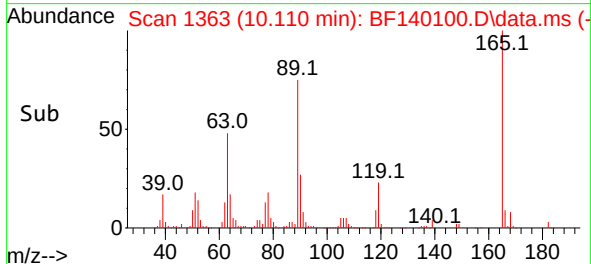
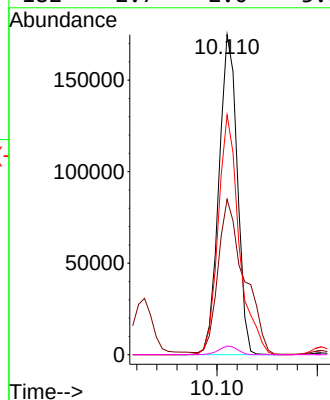
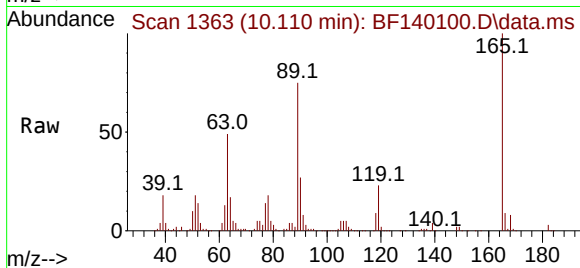




#57  
2,4-Dinitrotoluene  
Concen: 46.765 ng  
RT: 10.110 min Scan# 1363  
Delta R.T. 0.000 min  
Lab File: BF140100.D  
Acq: 29 Oct 2024 09:37

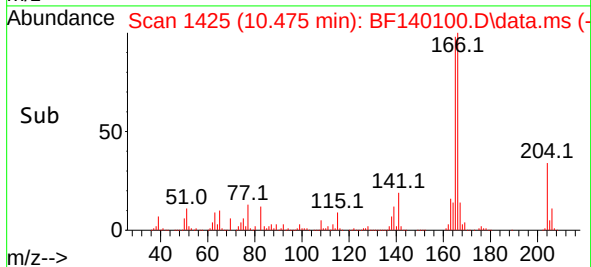
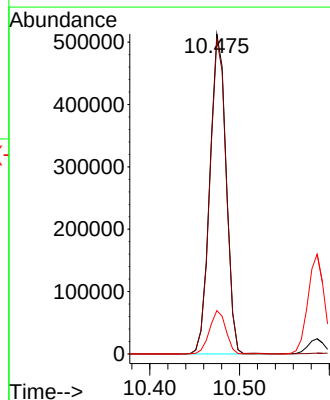
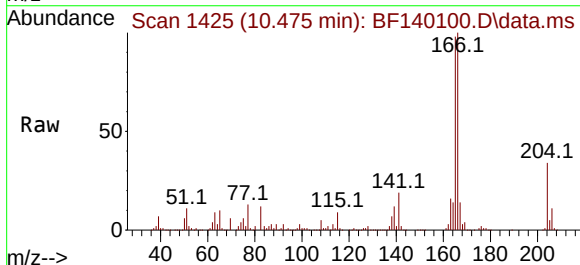
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:165 Resp: 221887  
Ion Ratio Lower Upper  
165 100  
63 48.5 40.1 60.1  
89 75.0 60.4 90.6  
182 2.7 2.0 3.0

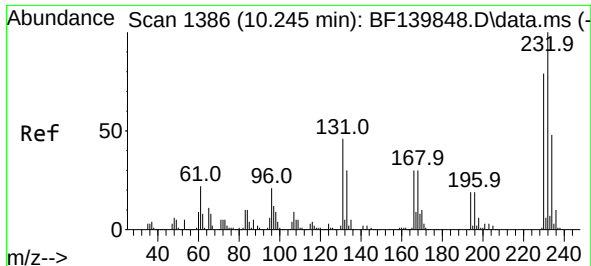


#58  
Fluorene  
Concen: 39.507 ng  
RT: 10.475 min Scan# 1425  
Delta R.T. 0.000 min  
Lab File: BF140100.D  
Acq: 29 Oct 2024 09:37

Tgt Ion:166 Resp: 647654  
Ion Ratio Lower Upper  
166 100  
165 98.4 78.5 117.7  
167 13.5 10.9 16.3



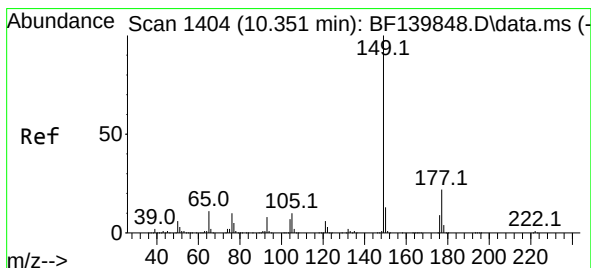
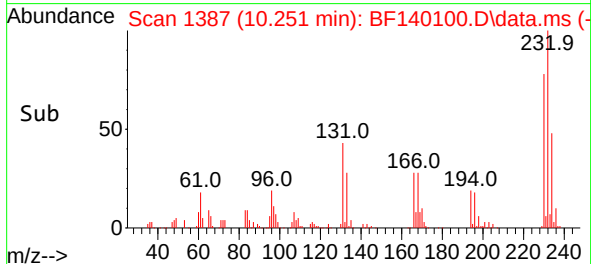
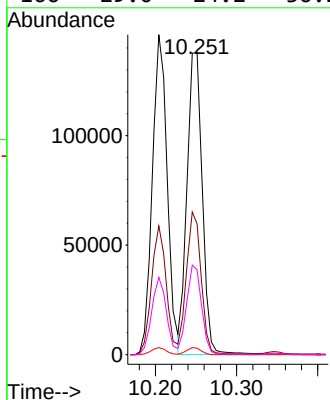
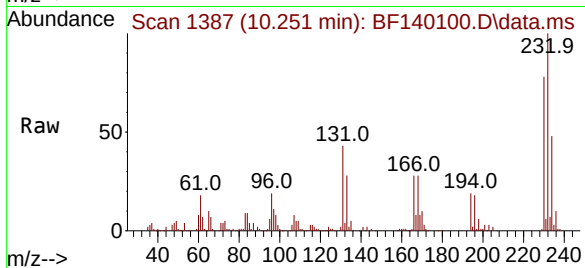




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 40.906 ng  
RT: 10.251 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF140100.D  
Acq: 29 Oct 2024 09:37

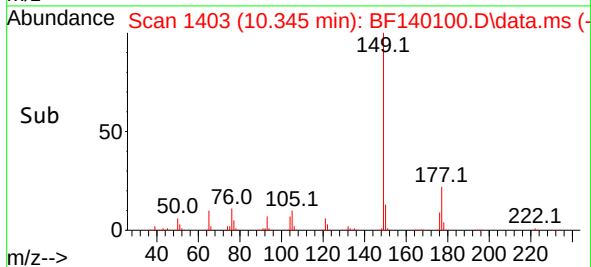
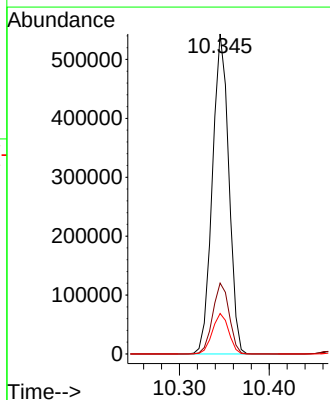
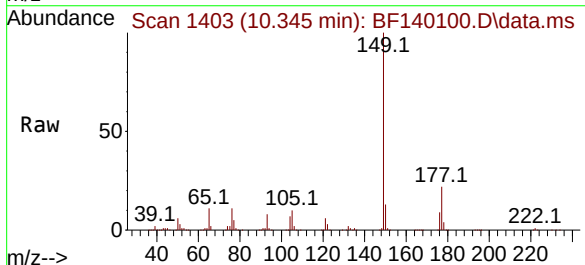
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

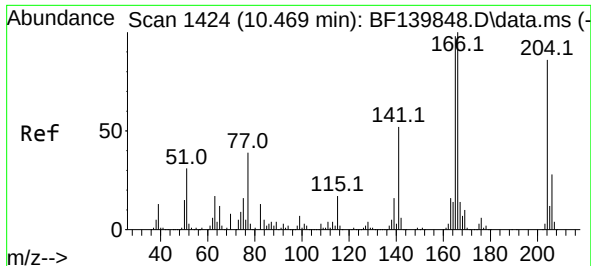
Tgt Ion:232 Resp: 180790  
Ion Ratio Lower Upper  
232 100  
131 45.6 37.0 55.6  
130 2.2 1.9 2.9  
166 29.0 24.2 36.2



#60  
Diethylphthalate  
Concen: 39.485 ng  
RT: 10.345 min Scan# 1403  
Delta R.T. -0.006 min  
Lab File: BF140100.D  
Acq: 29 Oct 2024 09:37

Tgt Ion:149 Resp: 690855  
Ion Ratio Lower Upper  
149 100  
177 22.2 17.9 26.9  
150 12.7 10.1 15.1

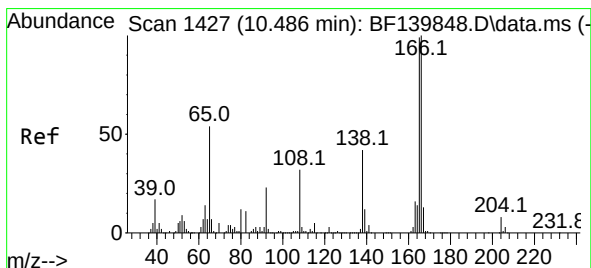
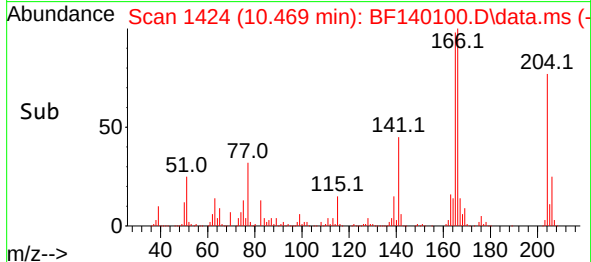
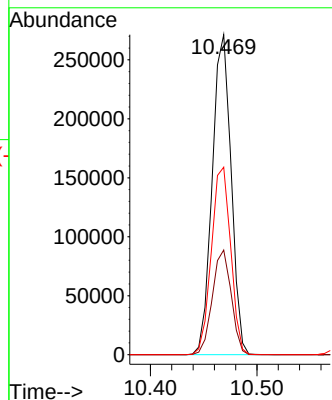
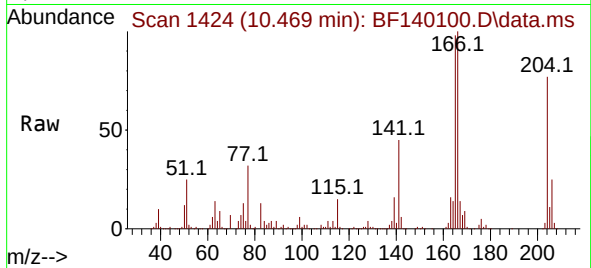




#61  
4-Chlorophenyl-phenylether  
Concen: 40.286 ng  
RT: 10.469 min Scan# 1424  
Delta R.T. 0.000 min  
Lab File: BF140100.D  
Acq: 29 Oct 2024 09:37

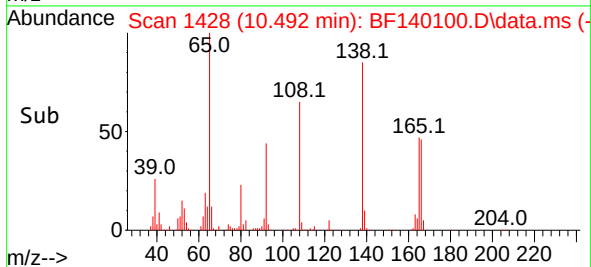
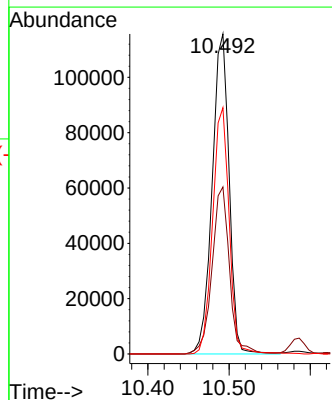
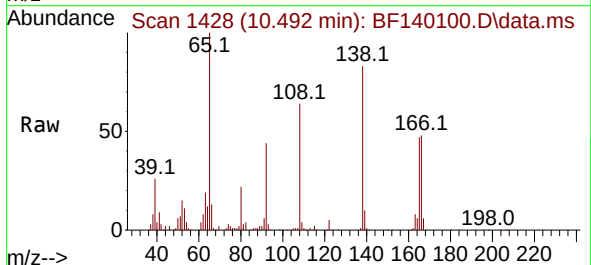
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

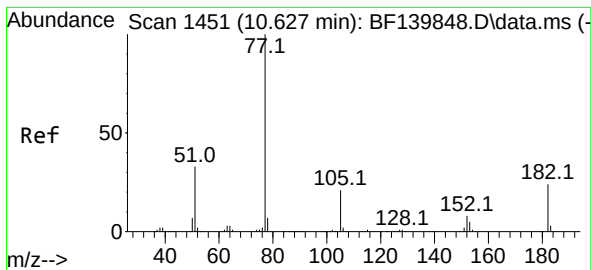
Tgt Ion:204 Resp: 333515  
Ion Ratio Lower Upper  
204 100  
206 32.7 26.3 39.5  
141 58.6 48.6 73.0



#62  
4-Nitroaniline  
Concen: 44.623 ng  
RT: 10.492 min Scan# 1428  
Delta R.T. 0.006 min  
Lab File: BF140100.D  
Acq: 29 Oct 2024 09:37

Tgt Ion:138 Resp: 167689  
Ion Ratio Lower Upper  
138 100  
92 52.2 35.7 75.7  
108 76.9 57.5 97.5

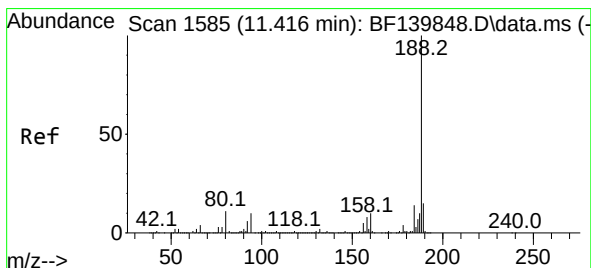
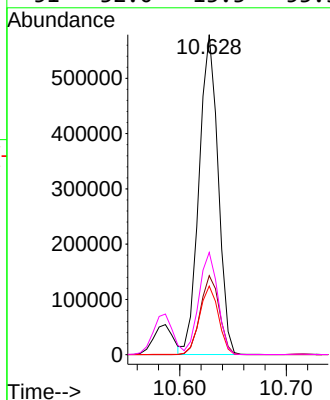
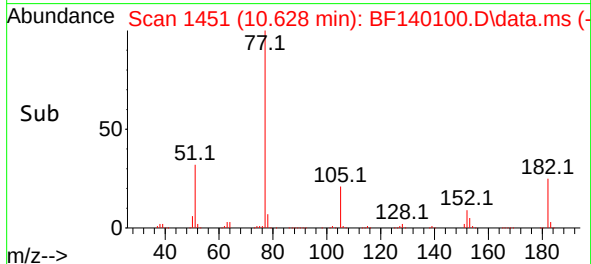
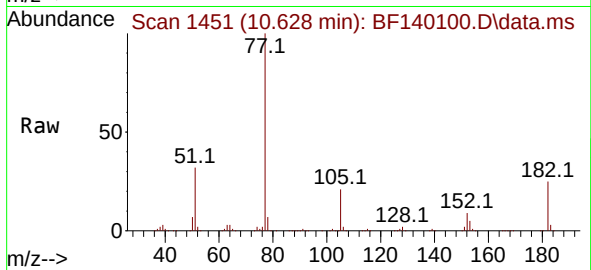




#63  
Azobenzene  
Concen: 38.698 ng  
RT: 10.628 min Scan# 1451  
Delta R.T. 0.000 min  
Lab File: BF140100.D  
Acq: 29 Oct 2024 09:37

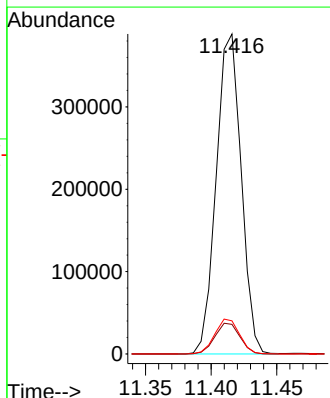
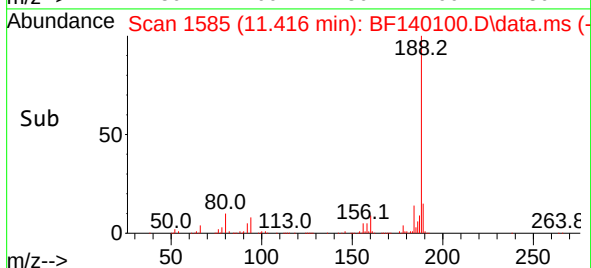
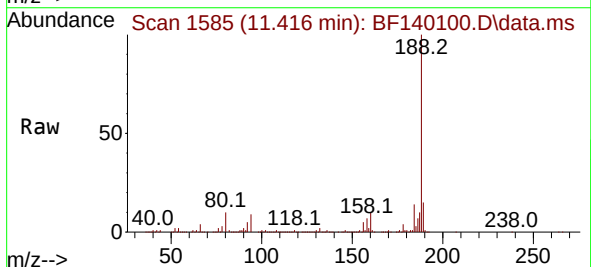
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

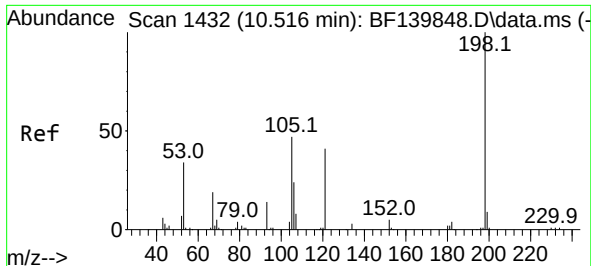
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 717815 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 24.7    | 3.3 43.3     |
| 105 21.4    | 1.2 41.2     |
| 51 32.0     | 13.3 53.3    |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.416 min Scan# 1585  
Delta R.T. 0.000 min  
Lab File: BF140100.D  
Acq: 29 Oct 2024 09:37

|             |              |
|-------------|--------------|
| Tgt Ion:188 | Resp: 513809 |
| Ion Ratio   | Lower Upper  |
| 188 100     |              |
| 94 9.3      | 7.9 11.9     |
| 80 10.4     | 9.0 13.4     |

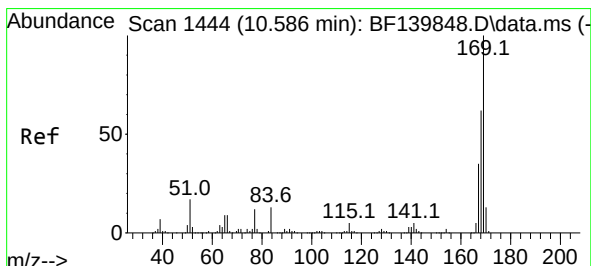
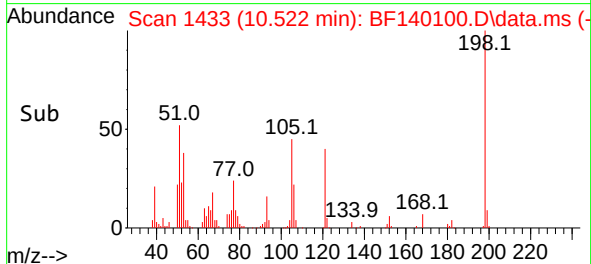
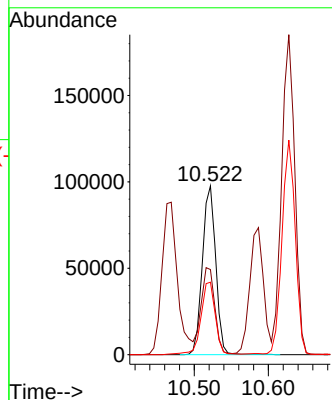
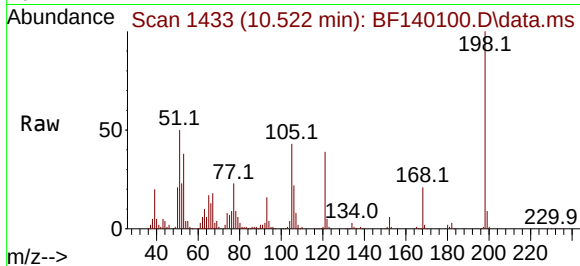




#65  
4,6-Dinitro-2-methylphenol  
Concen: 58.416 ng  
RT: 10.522 min Scan# 1433  
Delta R.T. 0.006 min  
Lab File: BF140100.D  
Acq: 29 Oct 2024 09:37

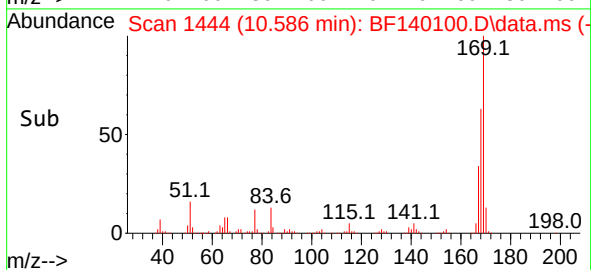
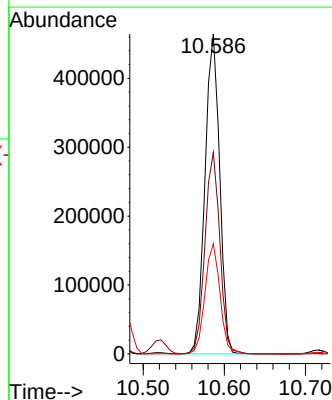
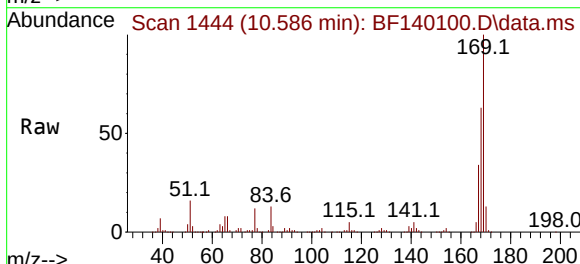
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

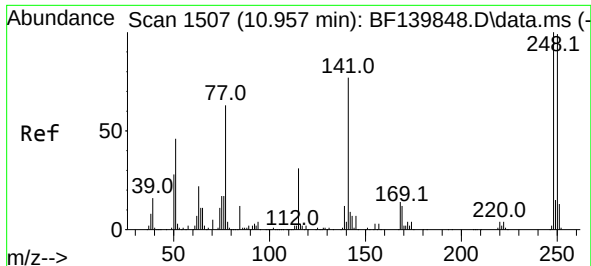
Tgt Ion:198 Resp: 122428  
Ion Ratio Lower Upper  
198 100  
51 50.4 38.2 78.2  
105 42.9 27.9 67.9



#66  
n-Nitrosodiphenylamine  
Concen: 37.816 ng  
RT: 10.586 min Scan# 1444  
Delta R.T. 0.000 min  
Lab File: BF140100.D  
Acq: 29 Oct 2024 09:37

Tgt Ion:169 Resp: 581540  
Ion Ratio Lower Upper  
169 100  
168 63.0 49.8 74.6  
167 34.5 28.0 42.0

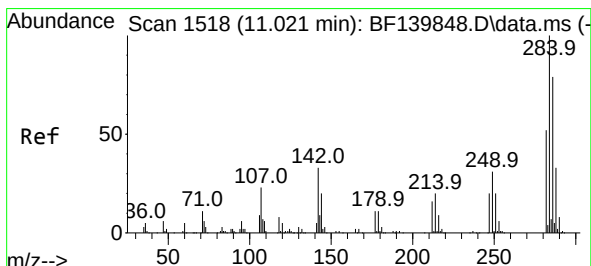
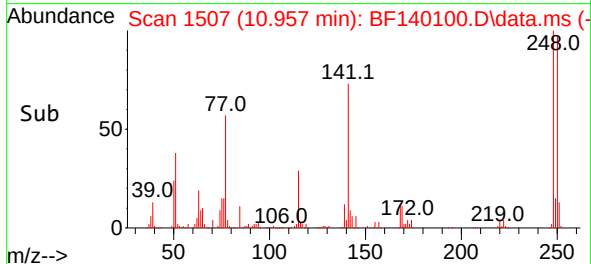
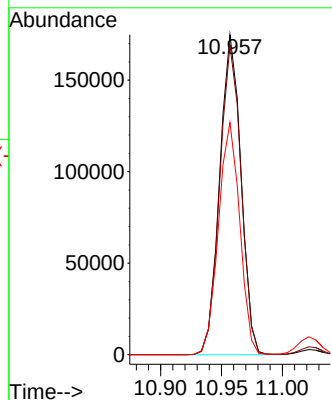
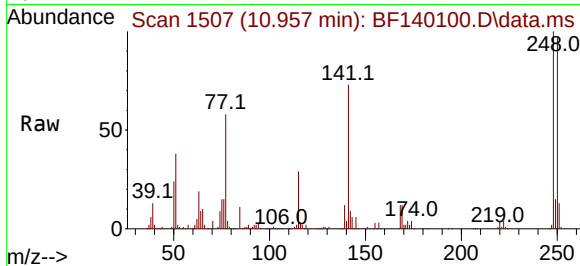




#67  
4-Bromophenyl-phenylether  
Concen: 40.226 ng  
RT: 10.957 min Scan# 1507  
Delta R.T. 0.000 min  
Lab File: BF140100.D  
Acq: 29 Oct 2024 09:37

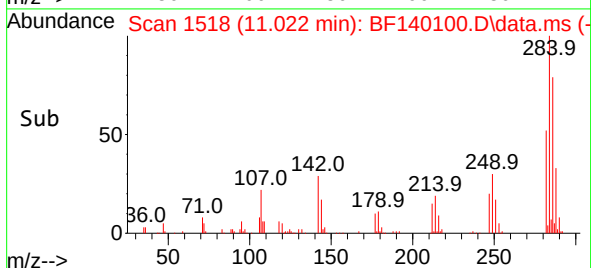
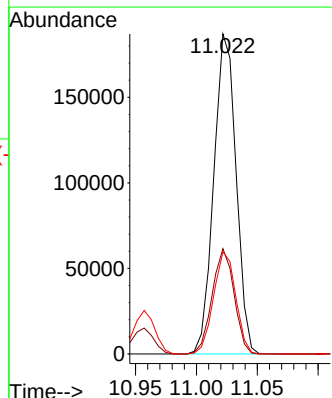
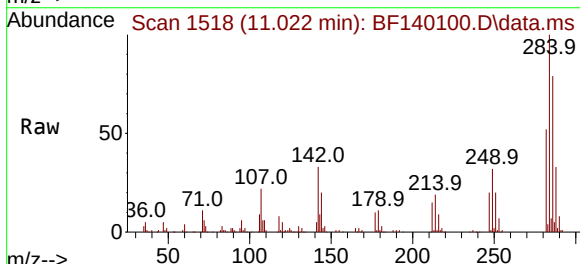
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

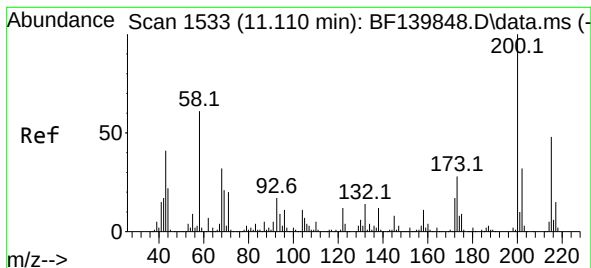
Tgt Ion:248 Resp: 212925  
Ion Ratio Lower Upper  
248 100  
250 96.7 79.0 118.6  
141 72.6 61.7 92.5



#68  
Hexachlorobenzene  
Concen: 40.035 ng  
RT: 11.022 min Scan# 1518  
Delta R.T. 0.000 min  
Lab File: BF140100.D  
Acq: 29 Oct 2024 09:37

Tgt Ion:284 Resp: 238332  
Ion Ratio Lower Upper  
284 100  
142 32.9 26.9 40.3  
249 32.0 25.3 37.9





#69

Atrazine

Concen: 39.389 ng

RT: 11.110 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140100.D

Acq: 29 Oct 2024 09:37

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

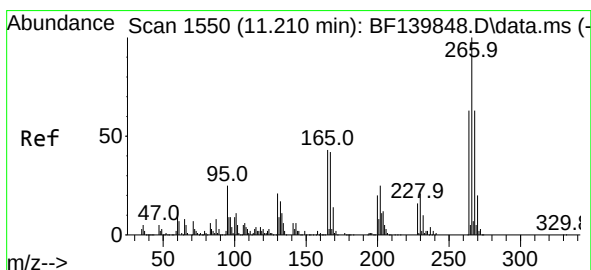
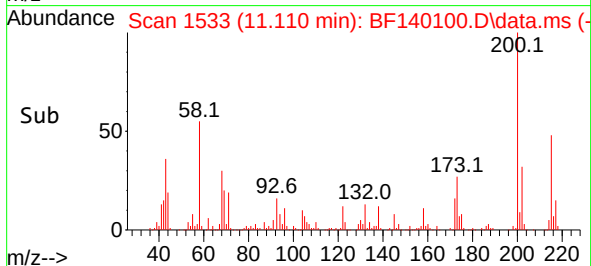
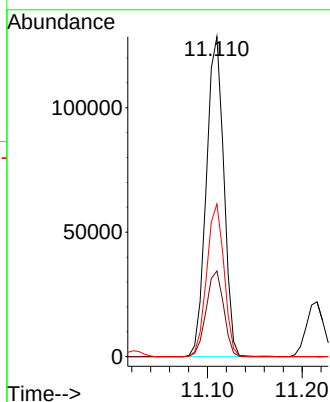
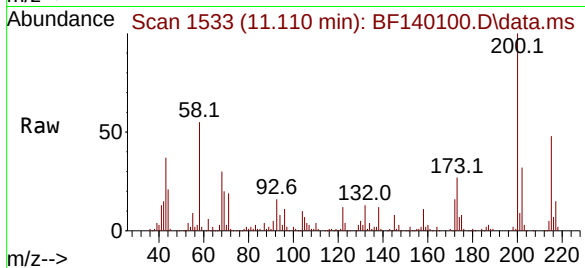
Tgt Ion:200 Resp: 164083

Ion Ratio Lower Upper

200 100

173 26.8 7.7 47.7

215 47.8 27.7 67.7



#70

Pentachlorophenol

Concen: 43.806 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF140100.D

Acq: 29 Oct 2024 09:37

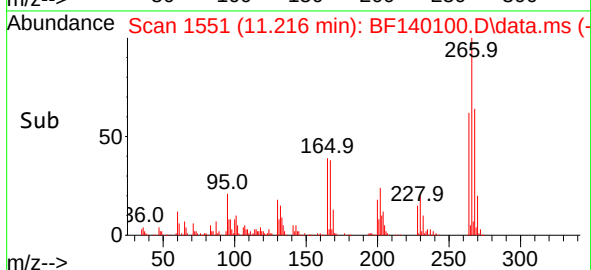
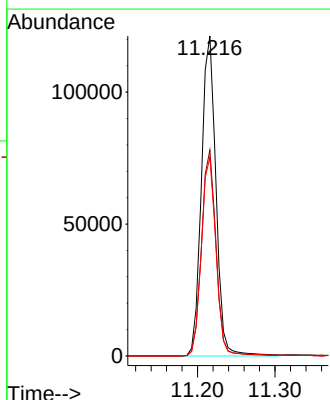
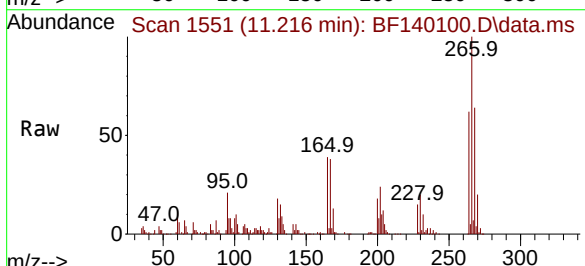
Tgt Ion:266 Resp: 158271

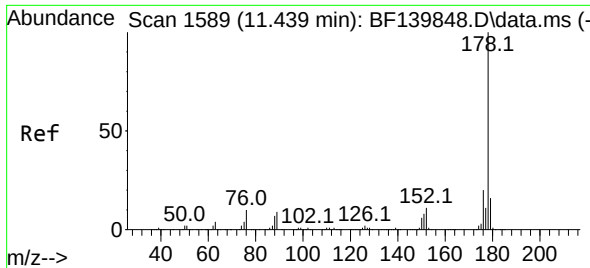
Ion Ratio Lower Upper

266 100

268 64.3 50.4 75.6

264 62.1 50.6 75.8

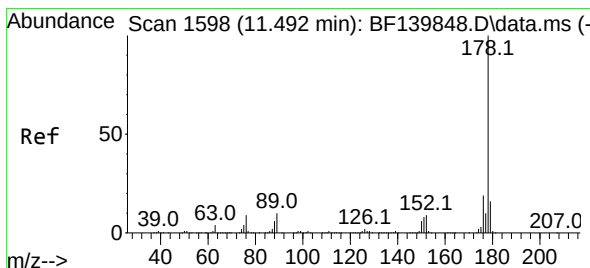
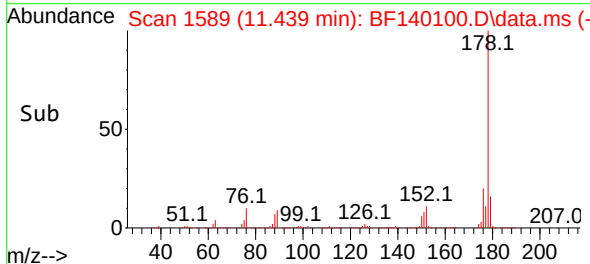
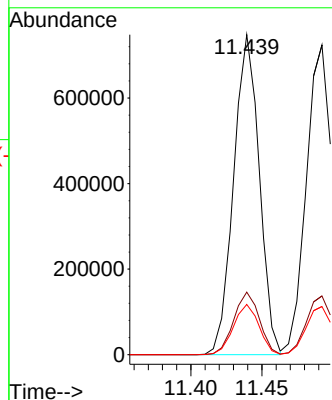
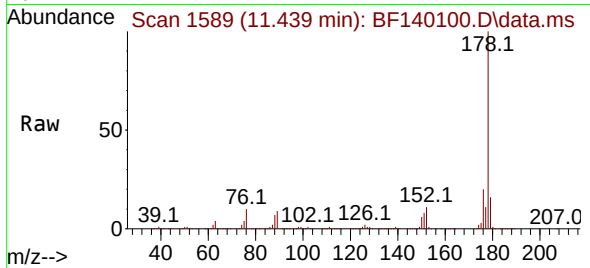




#71  
Phenanthrene  
Concen: 38.654 ng  
RT: 11.439 min Scan# 1589  
Delta R.T. 0.000 min  
Lab File: BF140100.D  
Acq: 29 Oct 2024 09:37

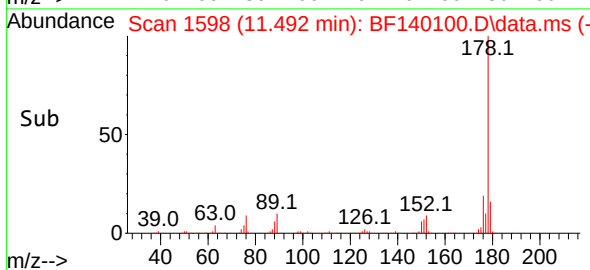
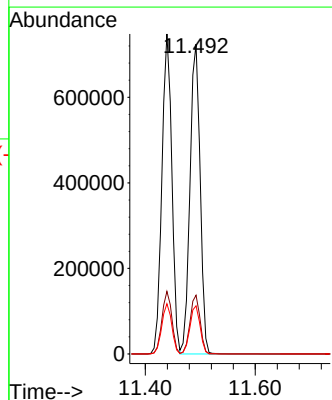
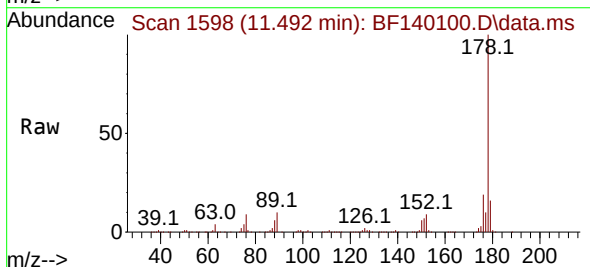
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

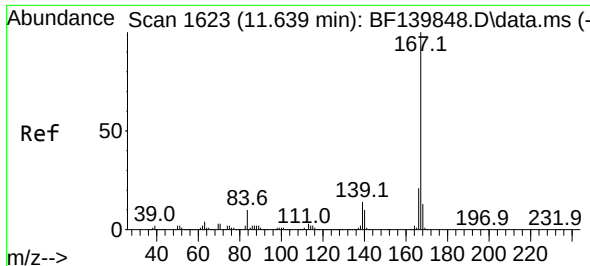
Tgt Ion:178 Resp: 938128  
Ion Ratio Lower Upper  
178 100  
176 19.6 15.8 23.6  
179 15.7 12.6 18.8



#72  
Anthracene  
Concen: 39.128 ng  
RT: 11.492 min Scan# 1598  
Delta R.T. 0.000 min  
Lab File: BF140100.D  
Acq: 29 Oct 2024 09:37

Tgt Ion:178 Resp: 926551  
Ion Ratio Lower Upper  
178 100  
176 18.9 15.3 22.9  
179 15.6 12.4 18.6

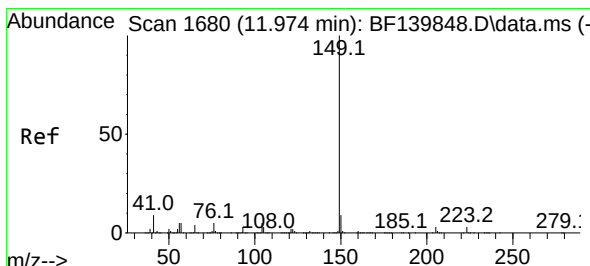
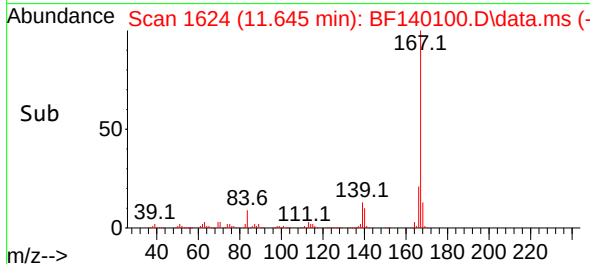
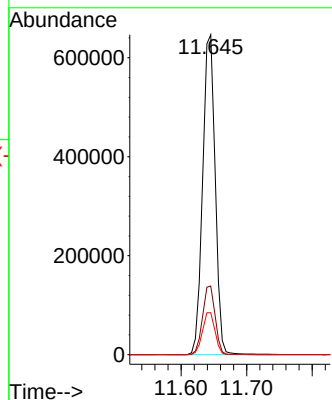
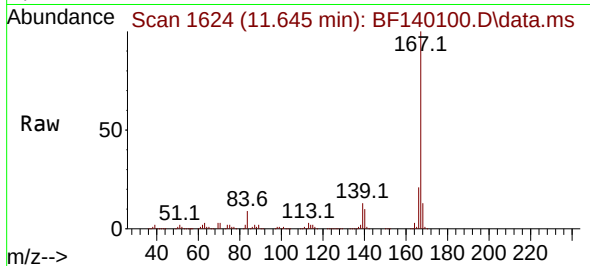




#73  
 Carbazole  
 Concen: 39.205 ng  
 RT: 11.645 min Scan# 1623  
 Delta R.T. 0.006 min  
 Lab File: BF140100.D  
 Acq: 29 Oct 2024 09:37

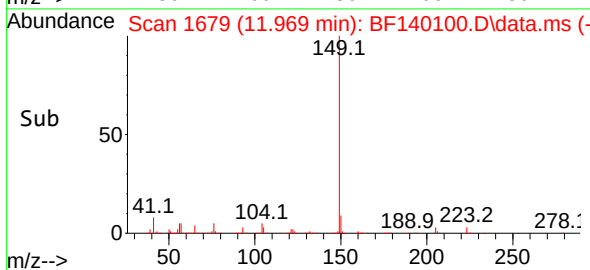
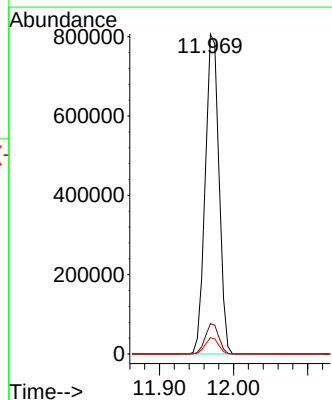
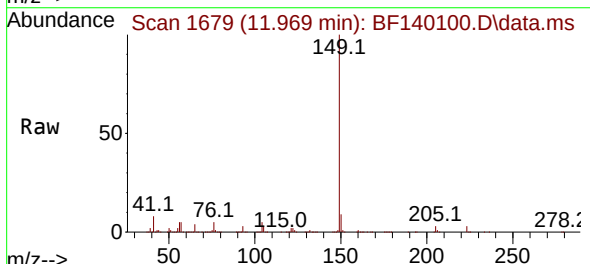
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:167 Resp: 863413  
 Ion Ratio Lower Upper  
 167 100  
 166 21.5 17.0 25.6  
 139 13.1 10.8 16.2

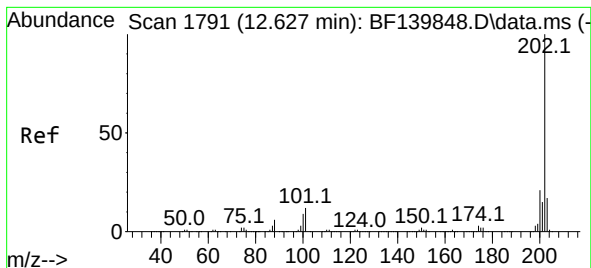


#74  
 Di-n-butylphthalate  
 Concen: 40.805 ng  
 RT: 11.969 min Scan# 1679  
 Delta R.T. -0.006 min  
 Lab File: BF140100.D  
 Acq: 29 Oct 2024 09:37

Tgt Ion:149 Resp: 1038242  
 Ion Ratio Lower Upper  
 149 100  
 150 9.5 7.5 11.3  
 104 5.1 4.1 6.1







#75

Fluoranthene

Concen: 39.514 ng

RT: 12.627 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140100.D

Acq: 29 Oct 2024 09:37

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

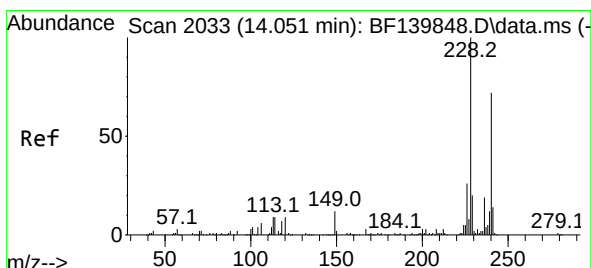
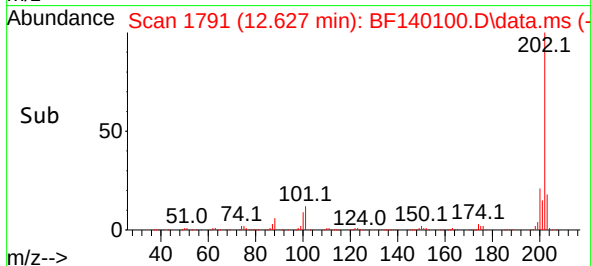
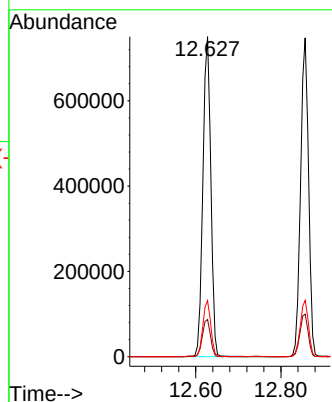
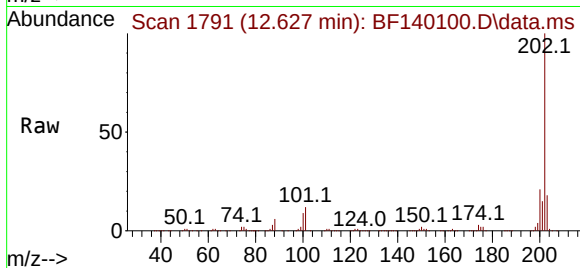
Tgt Ion:202 Resp: 969481

Ion Ratio Lower Upper

202 100

101 11.6 0.0 31.9

203 17.5 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF140100.D

Acq: 29 Oct 2024 09:37

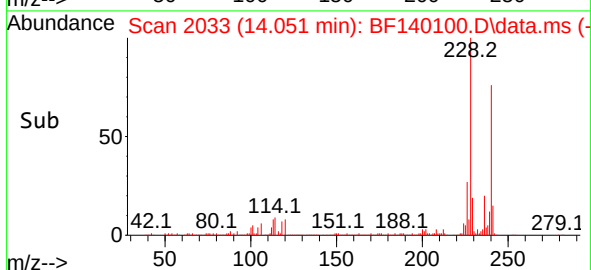
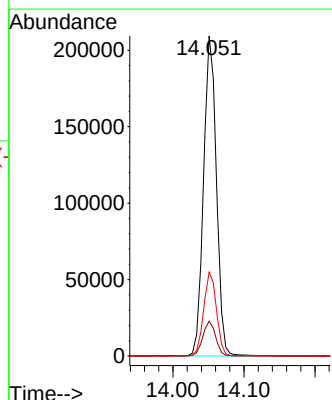
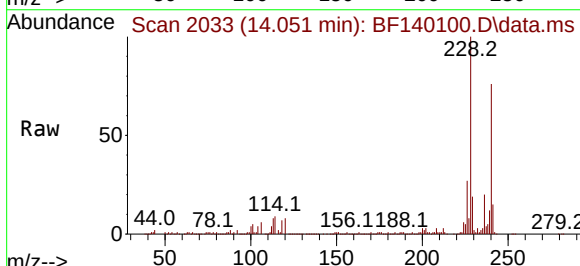
Tgt Ion:240 Resp: 264357

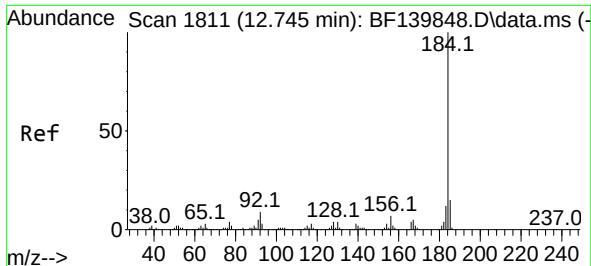
Ion Ratio Lower Upper

240 100

120 10.9 9.4 14.2

236 26.2 20.9 31.3

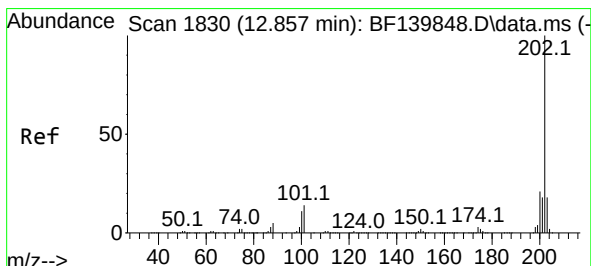
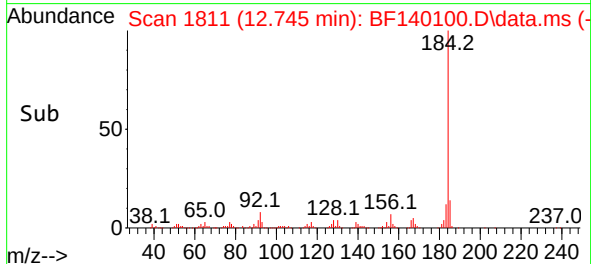
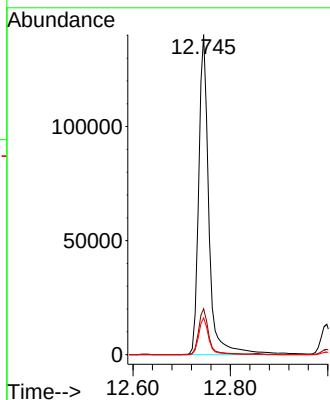
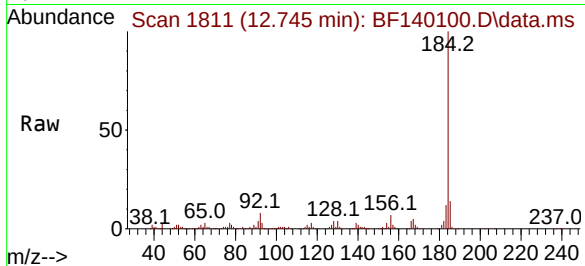




#77  
Benzidine  
Concen: 47.078 ng  
RT: 12.745 min Scan# 1811  
Delta R.T. 0.000 min  
Lab File: BF140100.D  
Acq: 29 Oct 2024 09:37

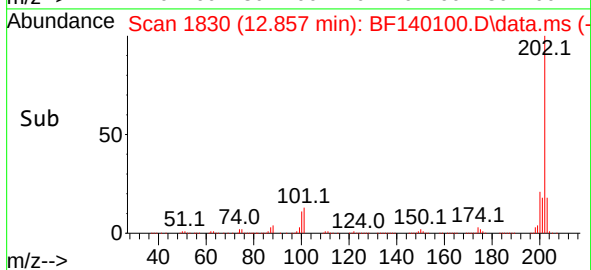
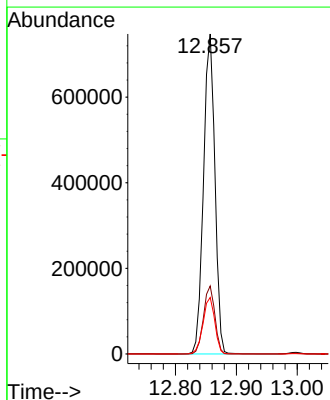
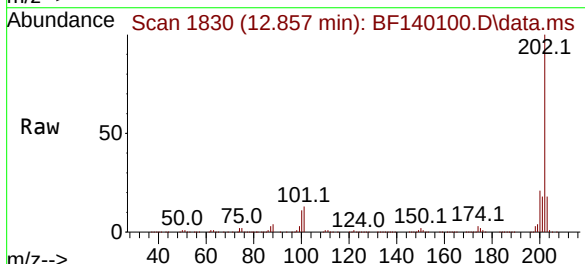
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

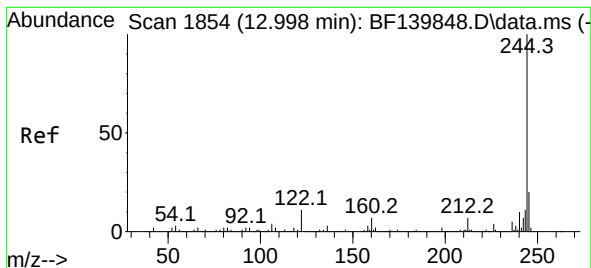
Tgt Ion:184 Resp: 204646  
Ion Ratio Lower Upper  
184 100  
185 14.3 12.0 18.0  
183 11.5 9.4 14.2



#78  
Pyrene  
Concen: 41.982 ng  
RT: 12.857 min Scan# 1830  
Delta R.T. 0.000 min  
Lab File: BF140100.D  
Acq: 29 Oct 2024 09:37

Tgt Ion:202 Resp: 971455  
Ion Ratio Lower Upper  
202 100  
200 21.3 17.2 25.8  
203 17.7 14.2 21.4





#79

Terphenyl-d14

Concen: 83.670 ng

RT: 12.998 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140100.D

Acq: 29 Oct 2024 09:37

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

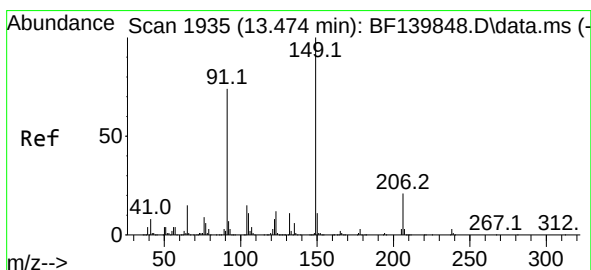
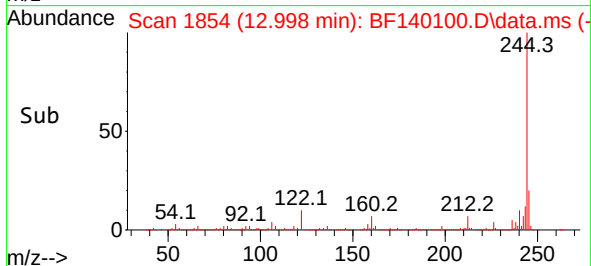
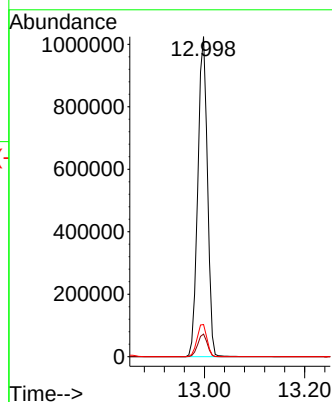
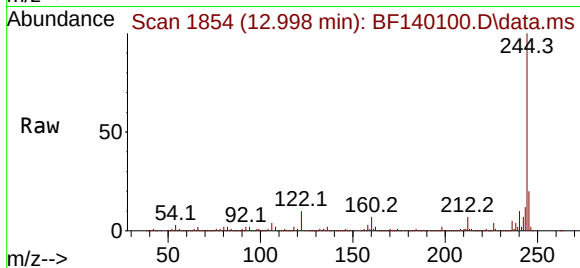
Tgt Ion:244 Resp: 1357416

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 10.1 8.6 13.0



#80

Butylbenzylphthalate

Concen: 44.907 ng

RT: 13.469 min Scan# 1934

Delta R.T. -0.006 min

Lab File: BF140100.D

Acq: 29 Oct 2024 09:37

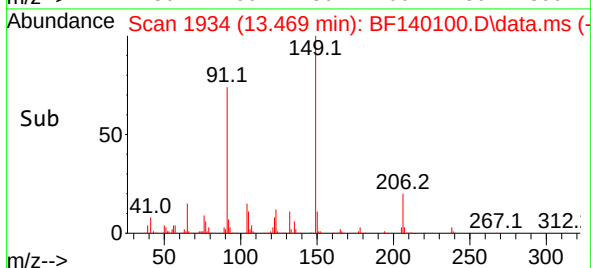
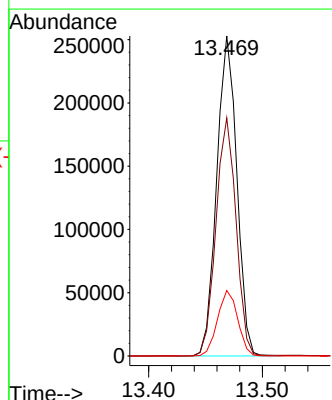
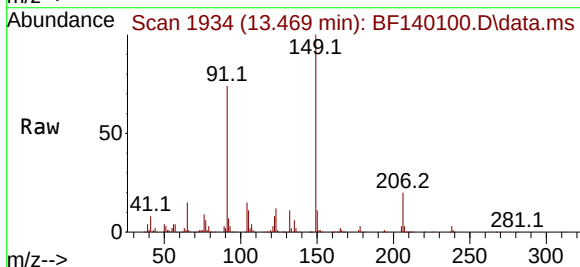
Tgt Ion:149 Resp: 311541

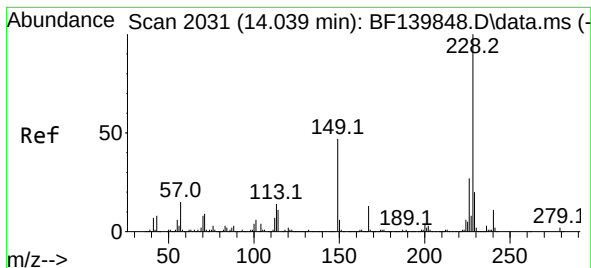
Ion Ratio Lower Upper

149 100

91 74.4 59.4 89.2

206 20.5 16.4 24.6





#81

Benzo(a)anthracene

Concen: 41.194 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF140100.D

Acq: 29 Oct 2024 09:37

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

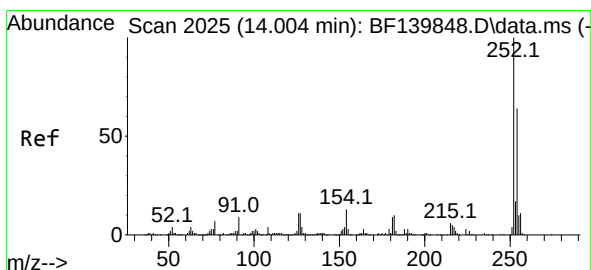
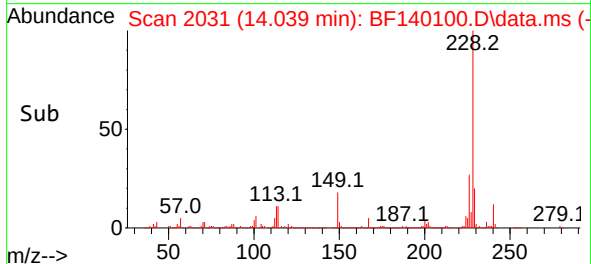
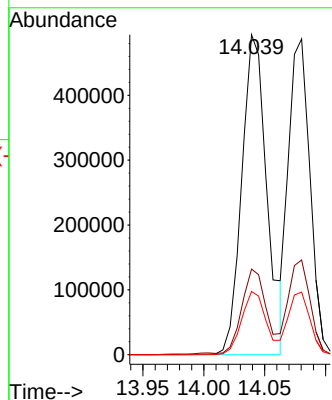
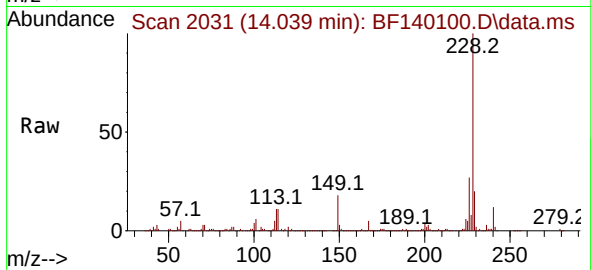
Tgt Ion:228 Resp: 708901

Ion Ratio Lower Upper

228 100

226 26.8 21.6 32.4

229 19.8 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 42.900 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF140100.D

Acq: 29 Oct 2024 09:37

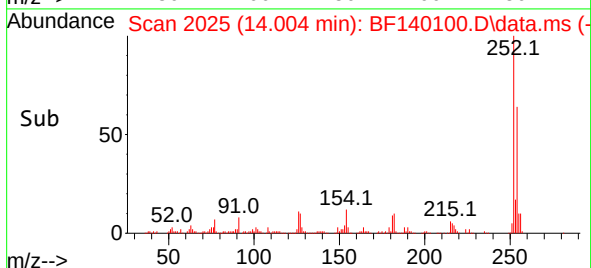
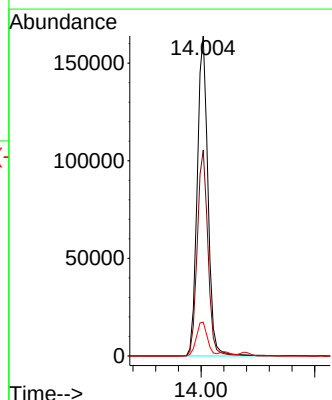
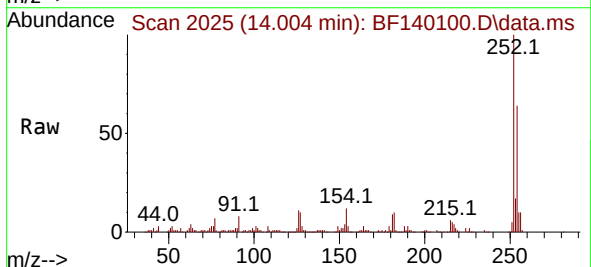
Tgt Ion:252 Resp: 215253

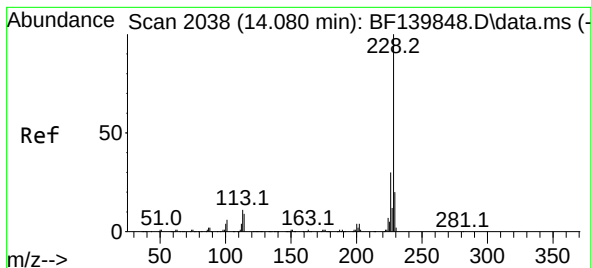
Ion Ratio Lower Upper

252 100

254 64.3 50.8 76.2

126 10.5 8.9 13.3





#83

Chrysene

Concen: 37.838 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF140100.D

Acq: 29 Oct 2024 09:37

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

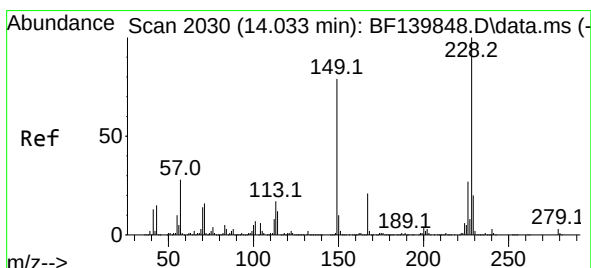
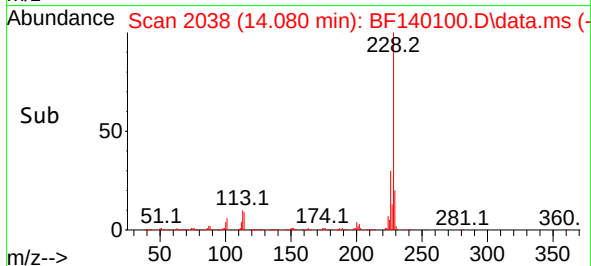
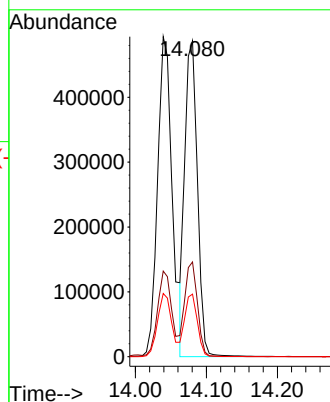
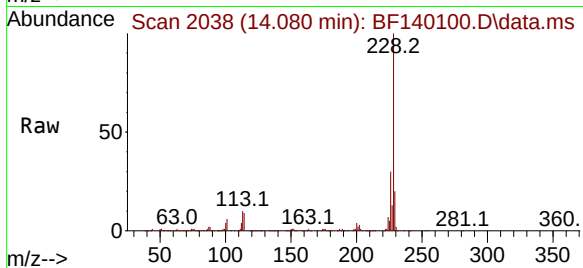
Tgt Ion:228 Resp: 597023

Ion Ratio Lower Upper

228 100

226 30.0 24.1 36.1

229 19.8 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.315 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF140100.D

Acq: 29 Oct 2024 09:37

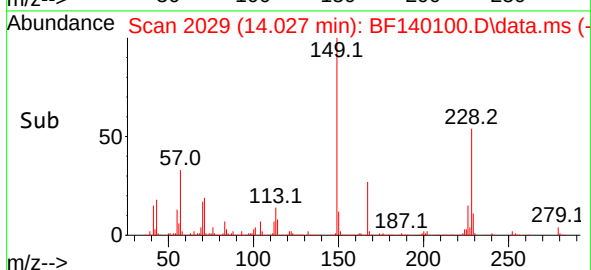
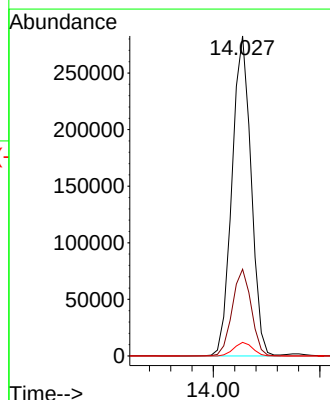
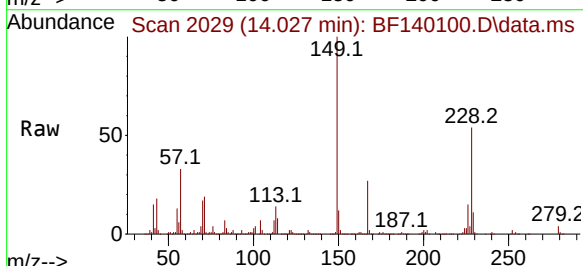
Tgt Ion:149 Resp: 352704

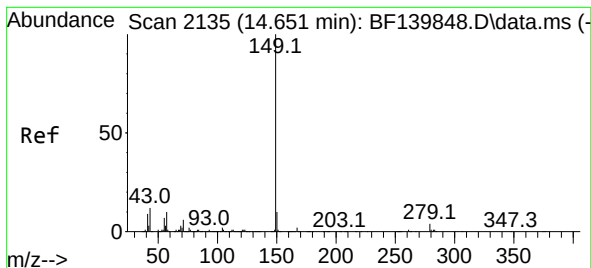
Ion Ratio Lower Upper

149 100

167 27.1 21.4 32.0

279 4.2 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 39.177 ng

RT: 14.639 min Scan# 2133

Delta R.T. -0.012 min

Lab File: BF140100.D

Acq: 29 Oct 2024 09:37

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

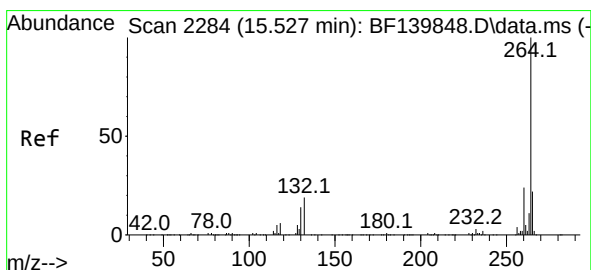
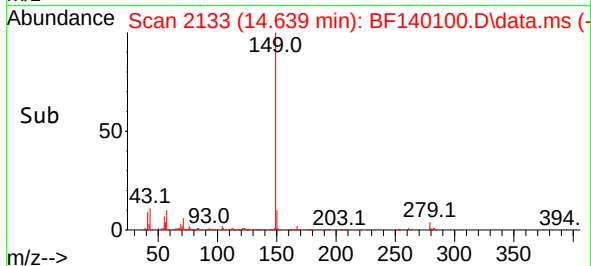
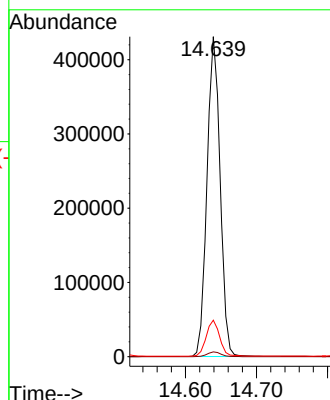
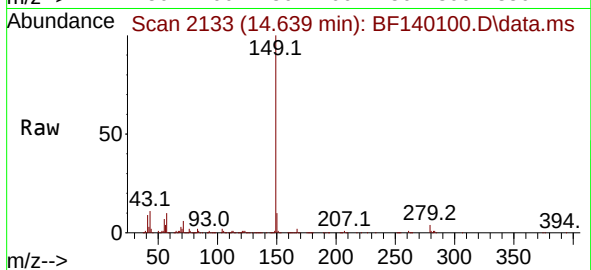
Tgt Ion:149 Resp: 554641

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 11.4 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2284

Delta R.T. 0.000 min

Lab File: BF140100.D

Acq: 29 Oct 2024 09:37

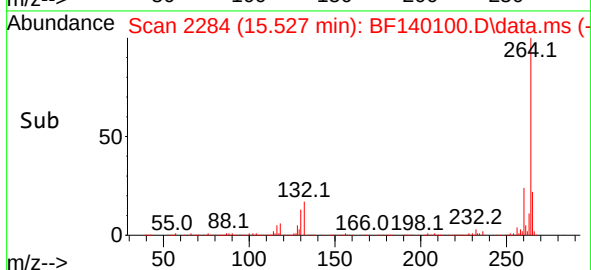
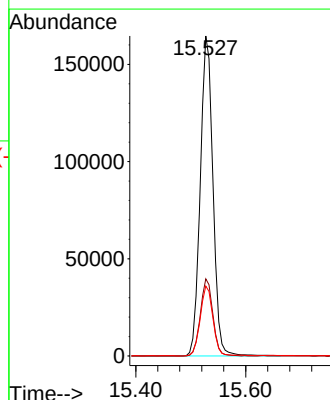
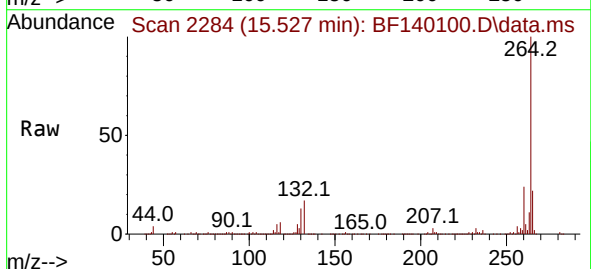
Tgt Ion:264 Resp: 264628

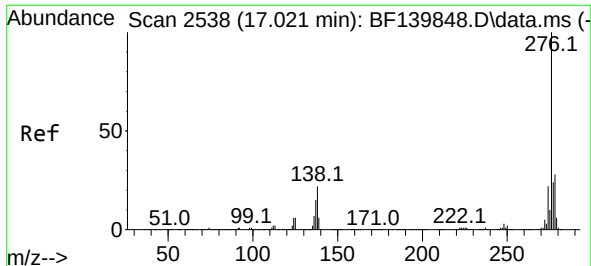
Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.2

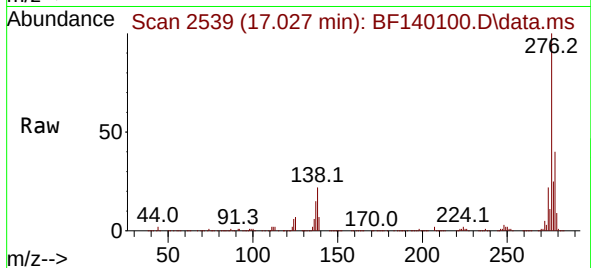
265 21.8 17.4 26.0



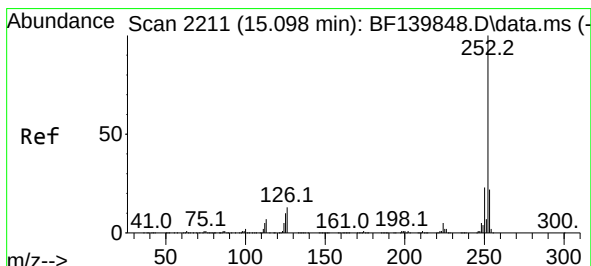
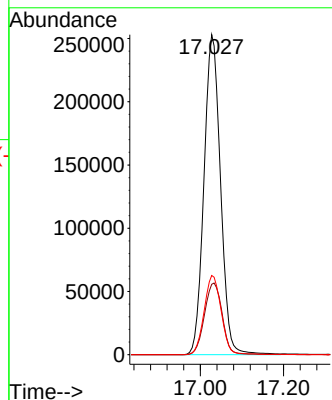
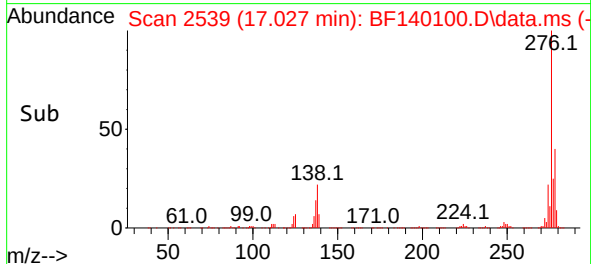


#87  
Indeno(1,2,3-cd)pyrene  
Concen: 41.128 ng  
RT: 17.027 min Scan# 2110  
Delta R.T. 0.006 min  
Lab File: BF140100.D  
Acq: 29 Oct 2024 09:37

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

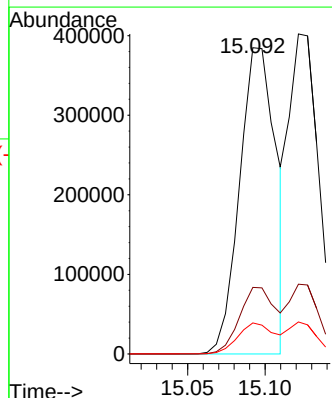
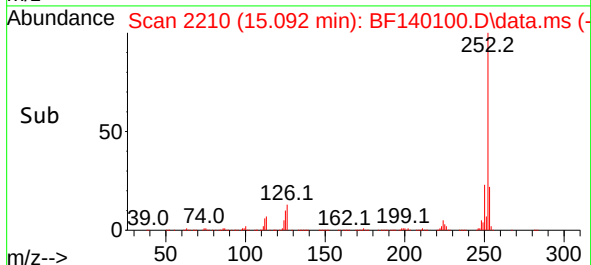
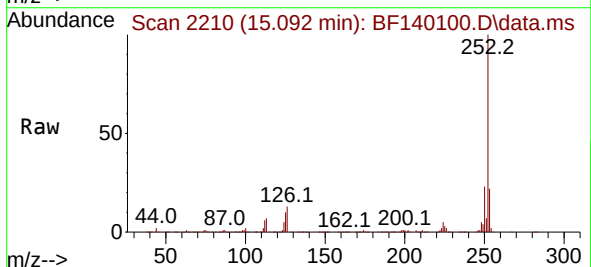


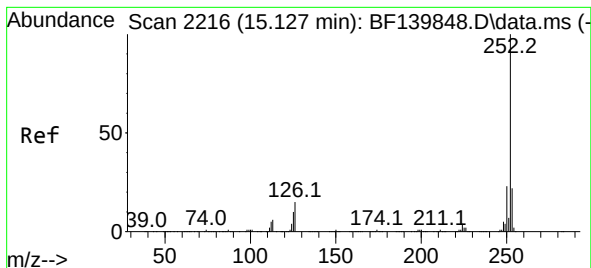
Tgt Ion:276 Resp: 700166  
Ion Ratio Lower Upper  
276 100  
138 24.1 20.4 30.6  
277 25.4 20.2 30.4



#88  
Benzo(b)fluoranthene  
Concen: 38.915 ng  
RT: 15.092 min Scan# 2210  
Delta R.T. -0.006 min  
Lab File: BF140100.D  
Acq: 29 Oct 2024 09:37

Tgt Ion:252 Resp: 627304  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.6 26.4  
125 10.1 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 39.346 ng

RT: 15.121 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF140100.D

Acq: 29 Oct 2024 09:37

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

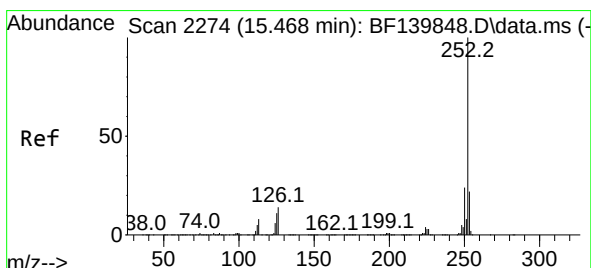
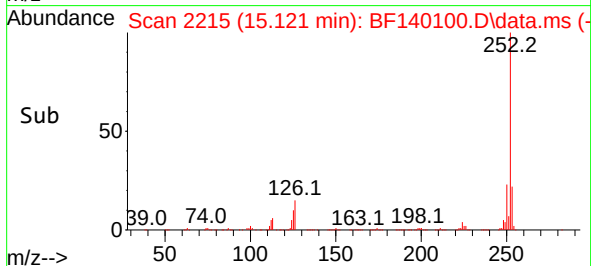
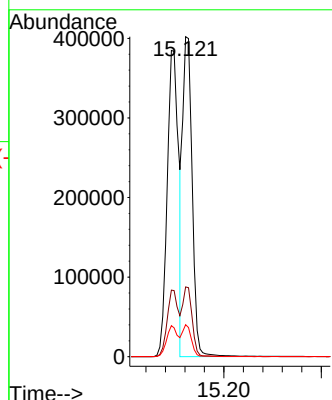
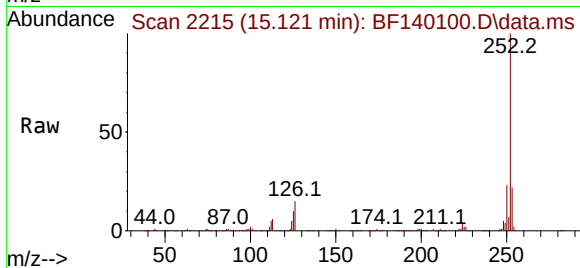
Tgt Ion:252 Resp: 546998

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 10.0 7.9 11.9



#90

Benzo(a)pyrene

Concen: 39.861 ng

RT: 15.468 min Scan# 2274

Delta R.T. 0.000 min

Lab File: BF140100.D

Acq: 29 Oct 2024 09:37

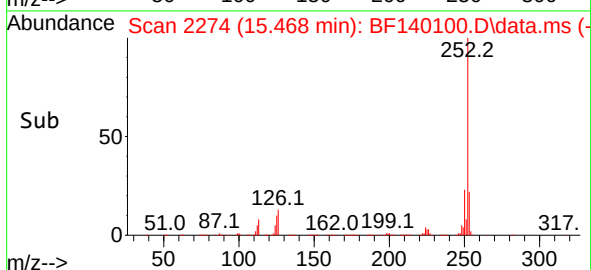
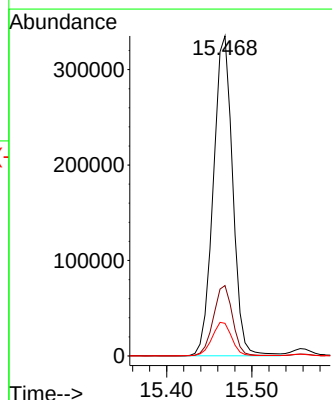
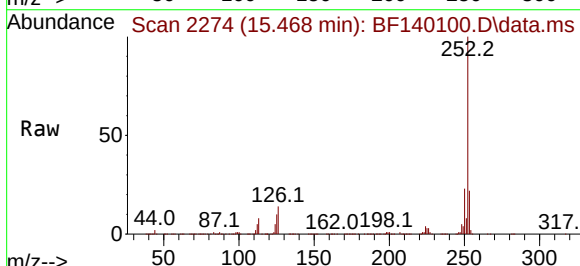
Tgt Ion:252 Resp: 528715

Ion Ratio Lower Upper

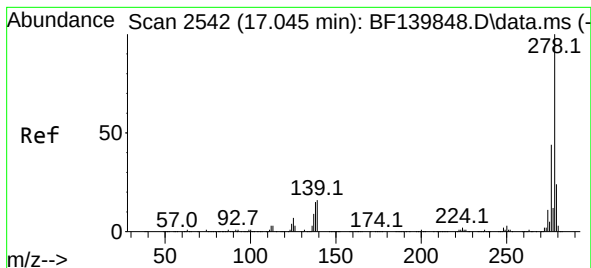
252 100

253 22.0 17.3 25.9

125 10.2 8.7 13.1







#91

Dibenzo(a,h)anthracene

Concen: 40.482 ng

RT: 17.045 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF140100.D

Acq: 29 Oct 2024 09:37

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

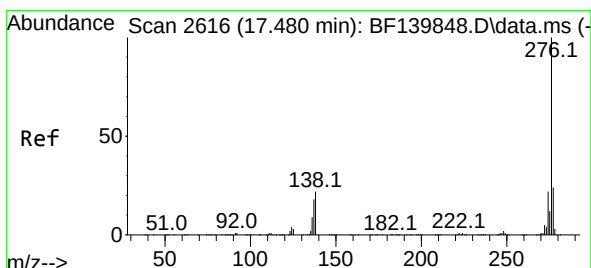
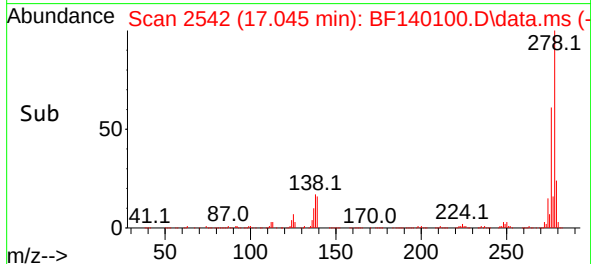
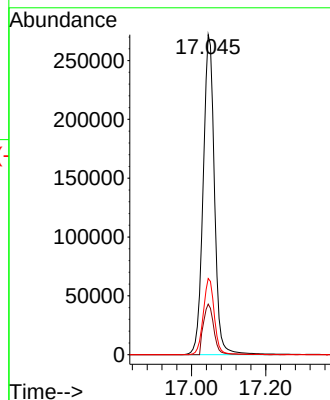
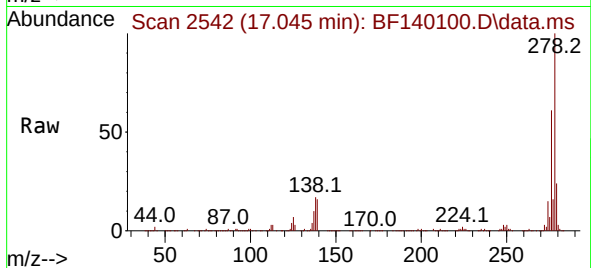
Tgt Ion:278 Resp: 574920

Ion Ratio Lower Upper

278 100

139 15.8 13.1 19.7

279 23.8 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 42.618 ng

RT: 17.486 min Scan# 2617

Delta R.T. 0.006 min

Lab File: BF140100.D

Acq: 29 Oct 2024 09:37

Tgt Ion:276 Resp: 604580

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.6

138 20.2 17.4 26.0

