

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102324\  
 Data File : BF139965.D  
 Acq On : 23 Oct 2024 15:30  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Oct 23 16:12:41 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     | 6.892  | 152  | 159858   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.175  | 136  | 611382   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.928  | 164  | 340124   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.416 | 188  | 597021   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.057 | 240  | 306092   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.533 | 264  | 358871   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.498  | 112  | 788397   | 77.208 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.510  | 99   | 1009467  | 76.328 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.451  | 82   | 905794   | 82.113 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.716 | 330  | 278197   | 87.444 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.251  | 172  | 1590284  | 77.274 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.998 | 244  | 1502801  | 80.002 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.669  | 88   | 185845   | 39.035 | ng    | 95       |
| 3) Pyridine                   | 3.434  | 79   | 459716   | 38.955 | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.381  | 42   | 230654   | 36.378 | ng    | 95       |
| 6) Aniline                    | 6.551  | 93   | 475331   | 38.564 | ng    | 98       |
| 8) 2-Chlorophenol             | 6.675  | 128  | 412600   | 39.524 | ng    | 99       |
| 9) Benzaldehyde               | 6.440  | 77   | 300182   | 40.347 | ng    | 98       |
| 10) Phenol                    | 6.528  | 94   | 547813   | 40.178 | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 6.628  | 93   | 406978   | 38.618 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.834  | 146  | 472163   | 39.402 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.910  | 146  | 474523   | 39.636 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.063  | 146  | 442180   | 39.574 | ng    | 99       |
| 15) Benzyl Alcohol            | 7.028  | 79   | 367781   | 37.910 | ng    | 100      |
| 16) 2,2'-oxybis(1-Chloropr... | 7.163  | 45   | 645310   | 35.911 | ng    | 97       |
| 17) 2-Methylphenol            | 7.134  | 107  | 351315   | 39.467 | ng    | 99       |
| 18) Hexachloroethane          | 7.404  | 117  | 169360   | 39.670 | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 7.304  | 70   | 293648   | 36.609 | ng    | 96       |
| 20) 3+4-Methylphenols         | 7.287  | 107  | 443838   | 38.982 | ng    | 100      |
| 22) Acetophenone              | 7.298  | 105  | 571315   | 38.152 | ng    | 97       |
| 24) Nitrobenzene              | 7.475  | 77   | 478277   | 39.545 | ng    | 97       |
| 25) Isophorone                | 7.710  | 82   | 795494   | 37.995 | ng    | 100      |
| 26) 2-Nitrophenol             | 7.787  | 139  | 213698   | 46.836 | ng    | 95       |
| 27) 2,4-Dimethylphenol        | 7.816  | 122  | 292012   | 38.382 | ng    | 100      |
| 28) bis(2-Chloroethoxy)met... | 7.922  | 93   | 485228   | 38.252 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.022  | 162  | 346373   | 39.971 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.116  | 180  | 379629   | 39.591 | ng    | 99       |
| 31) Naphthalene               | 8.198  | 128  | 1236297  | 39.208 | ng    | 100      |
| 32) Benzoic acid              | 7.922  | 122  | 295264   | 44.497 | ng    | 96       |
| 33) 4-Chloroaniline           | 8.239  | 127  | 415421   | 38.637 | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.310  | 225  | 243614   | 40.436 | ng    | 99       |
| 35) Caprolactam               | 8.610  | 113  | 112811   | 40.942 | ng    | 91       |
| 36) 4-Chloro-3-methylphenol   | 8.716  | 107  | 376721   | 39.260 | ng    | 97       |
| 37) 2-Methylnaphthalene       | 8.886  | 142  | 755327   | 39.114 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.986  | 142  | 735901   | 38.841 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.051  | 216  | 367476   | 40.047 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.039  | 237  | 131046   | 41.044 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.157  | 196  | 259164   | 39.893 | ng    | 99       |

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 Sample : SSTDCCC040  
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 ALS Vial : 2 Sample Multiplier: 1

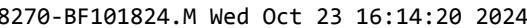
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

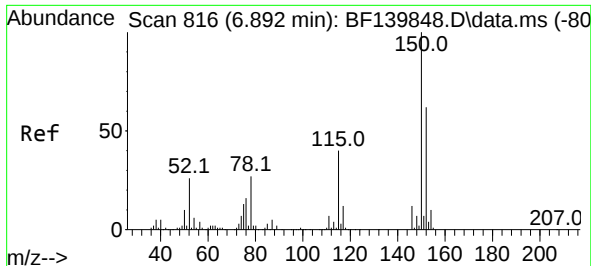
Quant Time: Oct 23 16:12:41 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF101824.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 18 15:07:50 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.198  | 196  | 282398   | 42.132 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 9.351  | 154  | 919167   | 38.820 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.375  | 162  | 746122   | 39.125 | ng    | 100      |
| 48) 2-Nitroaniline            | 9.463  | 65   | 251224   | 43.073 | ng    | 96       |
| 49) Acenaphthylene            | 9.792  | 152  | 1080134  | 39.178 | ng    | 99       |
| 50) Dimethylphthalate         | 9.651  | 163  | 833862   | 39.360 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.710  | 165  | 196730   | 42.888 | ng    | 94       |
| 52) Acenaphthene              | 9.963  | 154  | 714969   | 40.088 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.875  | 138  | 198559   | 41.975 | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 9.981  | 184  | 94482    | 52.057 | ng    | # 1      |
| 55) Dibenzofuran              | 10.133 | 168  | 991506   | 38.748 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.022 | 139  | 155364   | 42.690 | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 10.110 | 165  | 257878   | 45.716 | ng    | 96       |
| 58) Fluorene                  | 10.475 | 166  | 760625   | 39.027 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.245 | 232  | 220241   | 41.916 | ng    | 96       |
| 60) Diethylphthalate          | 10.345 | 149  | 823444   | 39.586 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.469 | 204  | 390596   | 39.685 | ng    | 97       |
| 62) 4-Nitroaniline            | 10.486 | 138  | 190350   | 42.606 | ng    | 97       |
| 63) Azobenzene                | 10.628 | 77   | 834020   | 37.820 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 10.516 | 198  | 133203   | 54.698 | ng    | 94       |
| 66) n-Nitrosodiphenylamine    | 10.586 | 169  | 696657   | 38.988 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.957 | 248  | 251419   | 40.878 | ng    | 98       |
| 68) Hexachlorobenzene         | 11.022 | 284  | 279424   | 40.396 | ng    | 99       |
| 69) Atrazine                  | 11.110 | 200  | 198207   | 40.949 | ng    | 99       |
| 70) Pentachlorophenol         | 11.216 | 266  | 187195   | 44.591 | ng    | 99       |
| 71) Phenanthrene              | 11.439 | 178  | 1098645  | 38.958 | ng    | 99       |
| 72) Anthracene                | 11.492 | 178  | 1067309  | 38.790 | ng    | 100      |
| 73) Carbazole                 | 11.645 | 167  | 973648   | 38.049 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.975 | 149  | 1141943  | 38.625 | ng    | 100      |
| 75) Fluoranthene              | 12.627 | 202  | 1066456  | 37.408 | ng    | 99       |
| 77) Benzidine                 | 12.745 | 184  | 315575   | 62.699 | ng    | 100      |
| 78) Pyrene                    | 12.857 | 202  | 1059713  | 39.552 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.474 | 149  | 330514   | 41.146 | ng    | 99       |
| 81) Benzo(a)anthracene        | 14.045 | 228  | 791290   | 39.712 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.004 | 252  | 273674   | 47.107 | ng    | 99       |
| 83) Chrysene                  | 14.080 | 228  | 708425   | 38.777 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 14.033 | 149  | 407600   | 45.227 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.645 | 149  | 733157   | 44.726 | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.027 | 276  | 918984   | 39.805 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.098 | 252  | 777166   | 35.551 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 15.127 | 252  | 752337   | 39.905 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.468 | 252  | 702054   | 39.029 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.051 | 278  | 760841   | 39.504 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.480 | 276  | 756017   | 39.298 | ng    | 100      |

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

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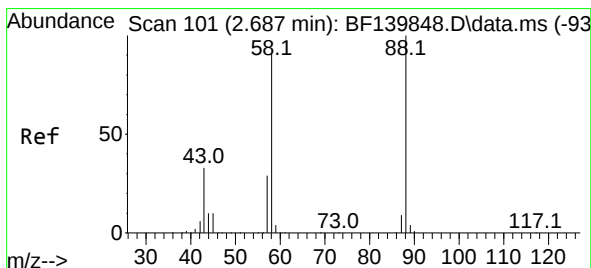
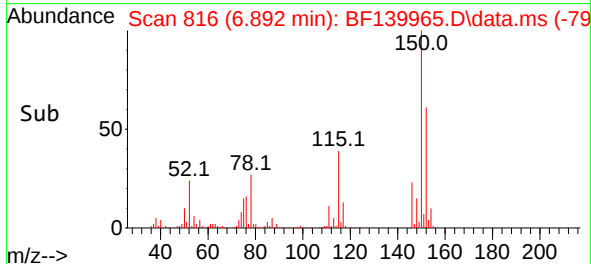
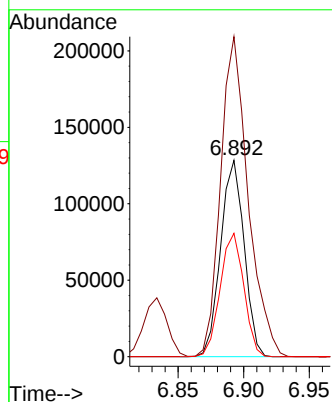
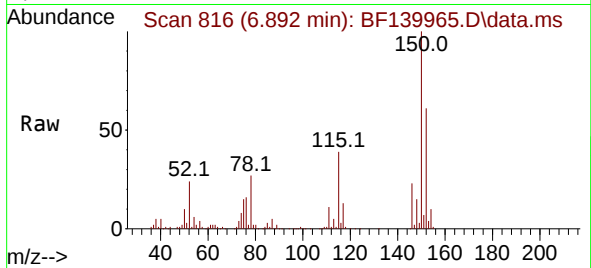




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.892 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF139965.D  
Acq: 23 Oct 2024 15:30

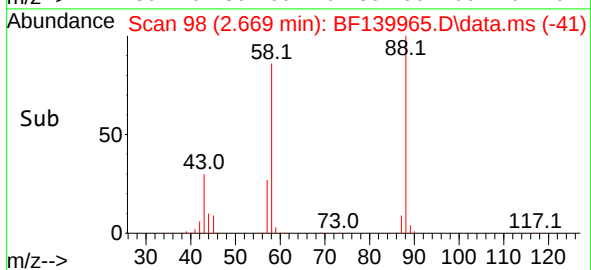
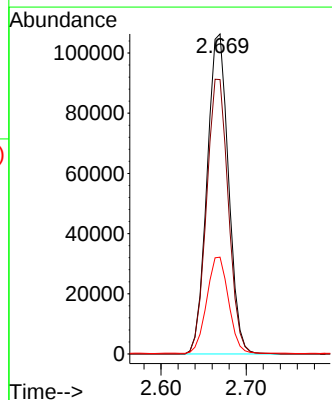
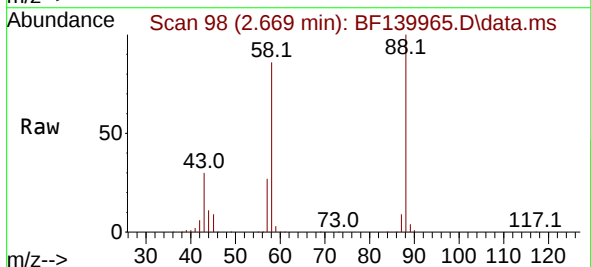
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

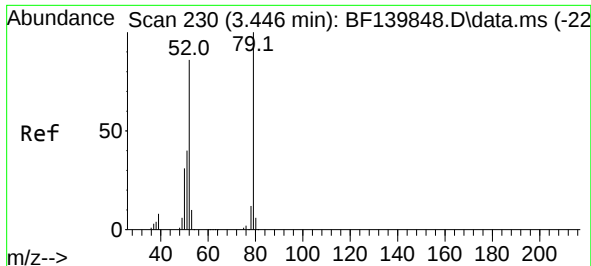
Tgt Ion:152 Resp: 159858  
Ion Ratio Lower Upper  
152 100  
150 163.0 130.2 195.2  
115 62.9 51.4 77.2



#2  
1,4-Dioxane  
Concen: 39.035 ng  
RT: 2.669 min Scan# 98  
Delta R.T. -0.018 min  
Lab File: BF139965.D  
Acq: 23 Oct 2024 15:30

Tgt Ion: 88 Resp: 185845  
Ion Ratio Lower Upper  
88 100  
58 87.2 73.3 109.9  
43 30.5 27.1 40.7





#3

Pyridine

Concen: 38.955 ng

RT: 3.434 min Scan# 219

Delta R.T. -0.012 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

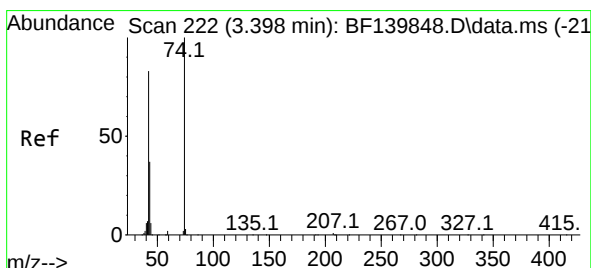
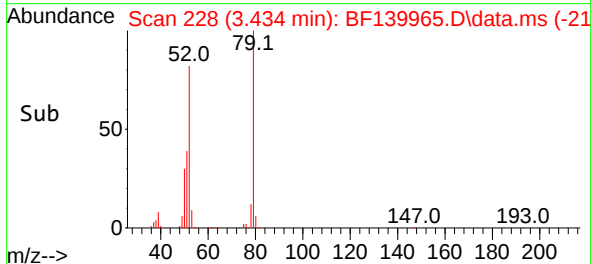
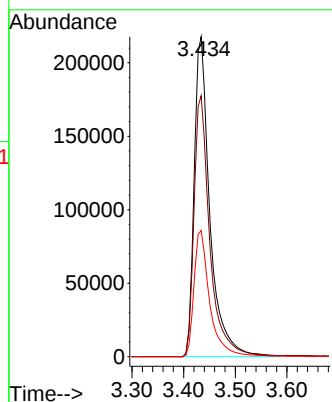
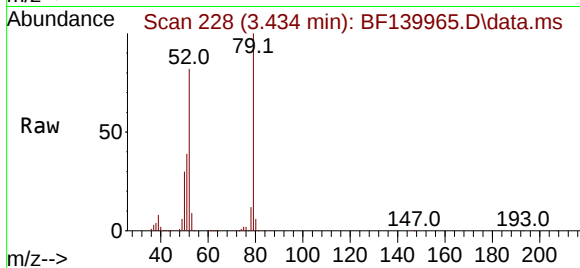
Tgt Ion: 79 Resp: 459716

Ion Ratio Lower Upper

79 100

52 81.5 68.5 102.7

51 39.4 32.3 48.5



#4

n-Nitrosodimethylamine

Concen: 36.378 ng

RT: 3.381 min Scan# 219

Delta R.T. -0.018 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

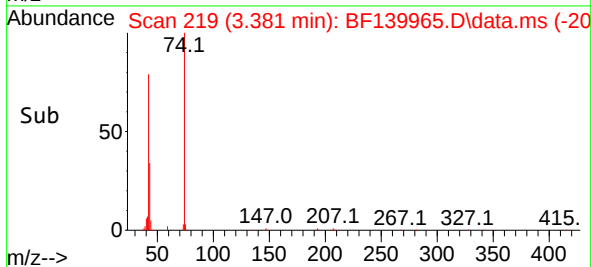
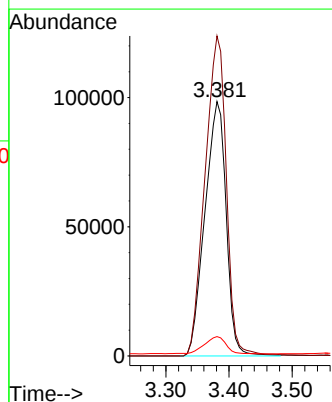
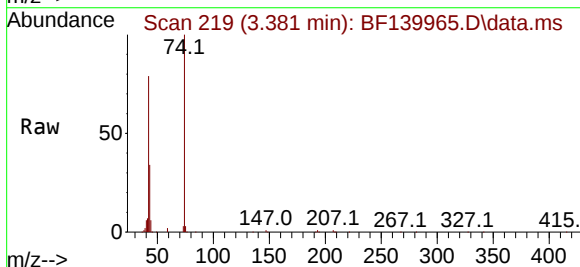
Tgt Ion: 42 Resp: 230654

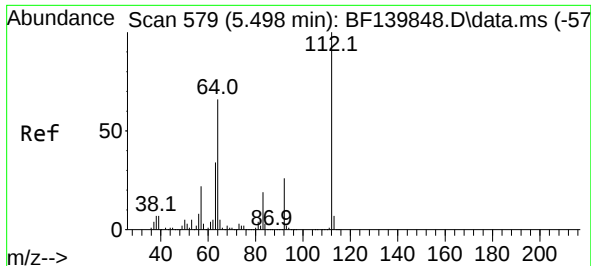
Ion Ratio Lower Upper

42 100

74 125.8 96.2 144.4

44 7.6 6.2 9.2

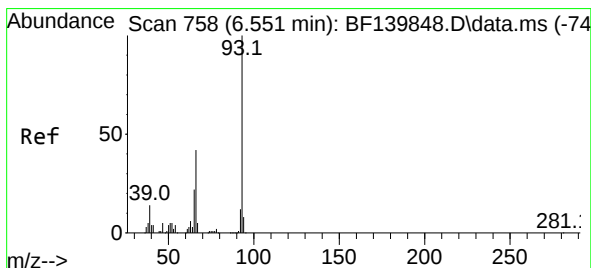
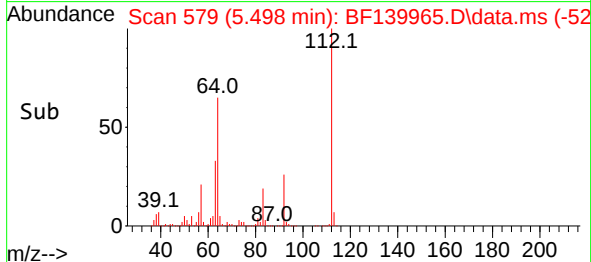
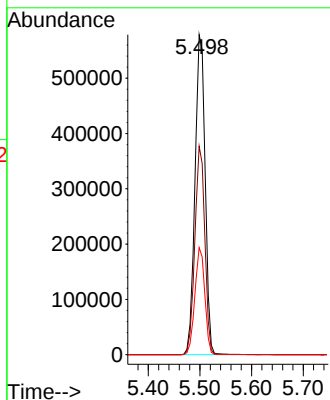
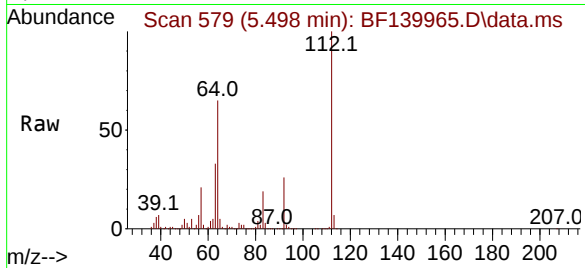




#5  
2-Fluorophenol  
Concen: 77.208 ng  
RT: 5.498 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: BF139965.D  
Acq: 23 Oct 2024 15:30

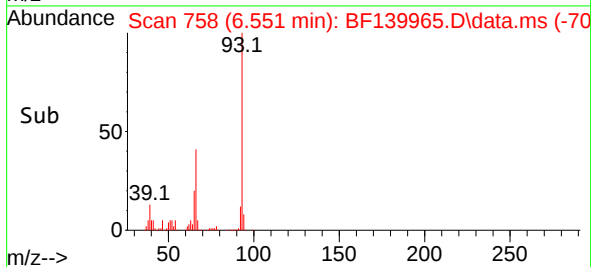
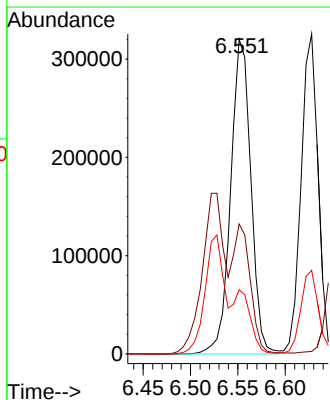
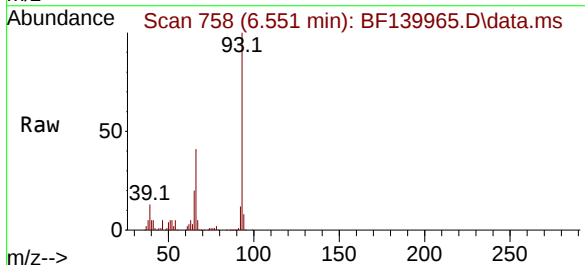
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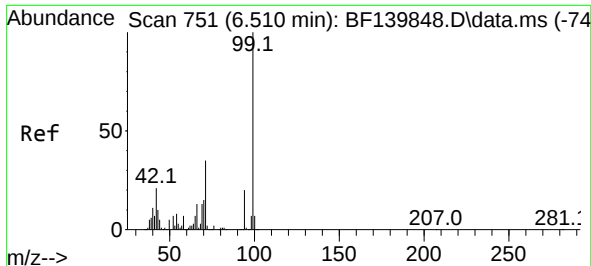
Tgt Ion:112 Resp: 788397  
Ion Ratio Lower Upper  
112 100  
64 65.1 53.0 79.6  
63 33.5 27.0 40.4



#6  
Aniline  
Concen: 38.564 ng  
RT: 6.551 min Scan# 758  
Delta R.T. 0.000 min  
Lab File: BF139965.D  
Acq: 23 Oct 2024 15:30

Tgt Ion: 93 Resp: 475331  
Ion Ratio Lower Upper  
93 100  
66 41.3 34.0 51.0  
65 20.4 17.4 26.0

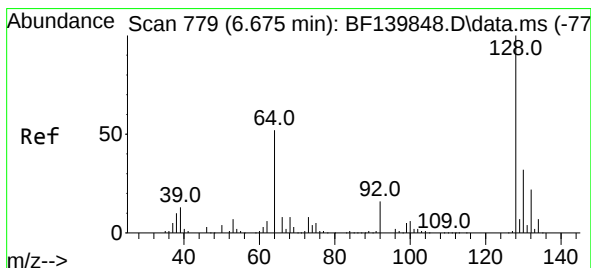
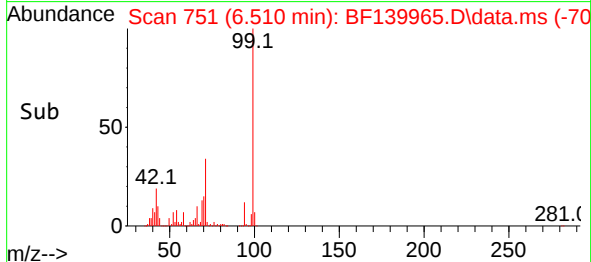
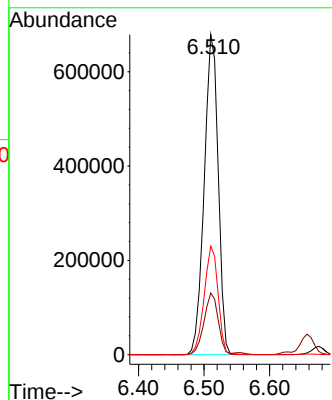
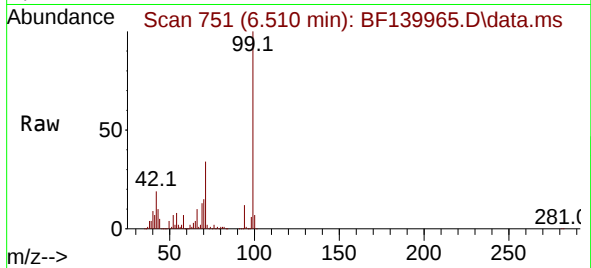




#7  
Phenol-d6  
Concen: 76.328 ng  
RT: 6.510 min Scan# 751  
Delta R.T. 0.000 min  
Lab File: BF139965.D  
Acq: 23 Oct 2024 15:30

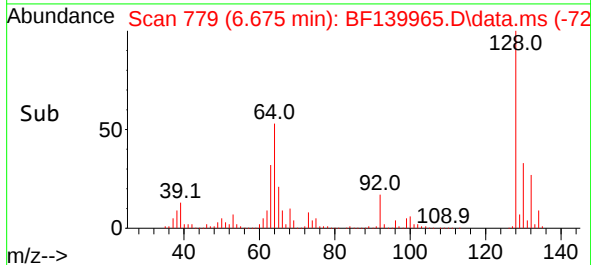
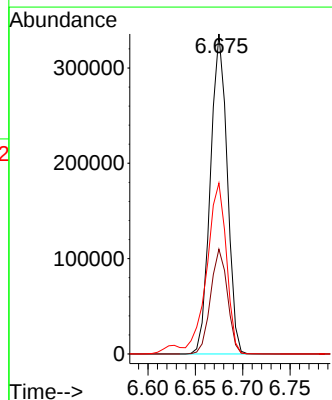
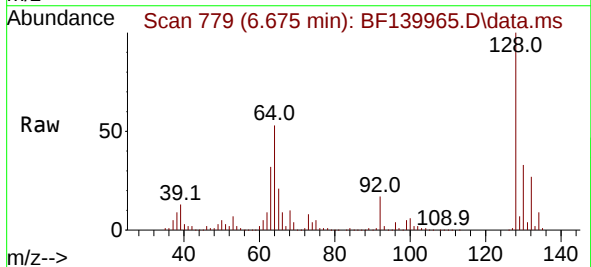
Instrument :  
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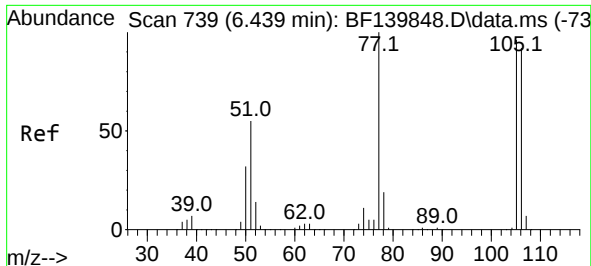
Tgt Ion: 99 Resp: 1009467  
Ion Ratio Lower Upper  
99 100  
42 19.2 16.7 25.1  
71 33.9 27.7 41.5



#8  
2-Chlorophenol  
Concen: 39.524 ng  
RT: 6.675 min Scan# 779  
Delta R.T. 0.000 min  
Lab File: BF139965.D  
Acq: 23 Oct 2024 15:30

Tgt Ion:128 Resp: 412600  
Ion Ratio Lower Upper  
128 100  
130 32.7 12.3 52.3  
64 53.4 34.6 74.6

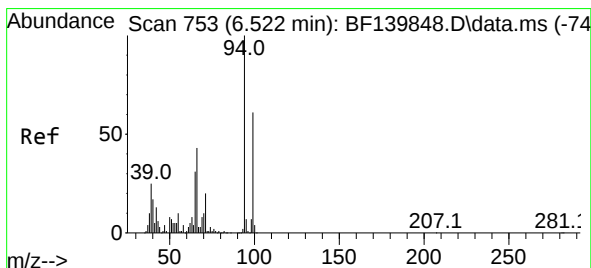
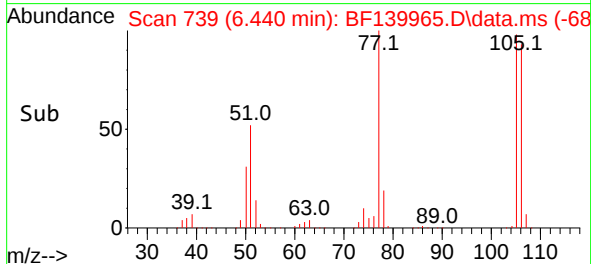
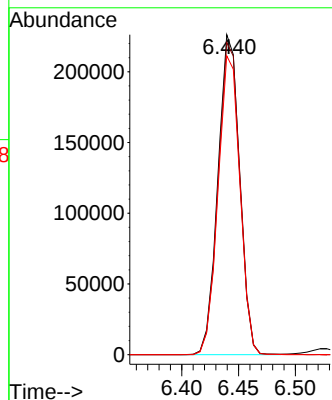
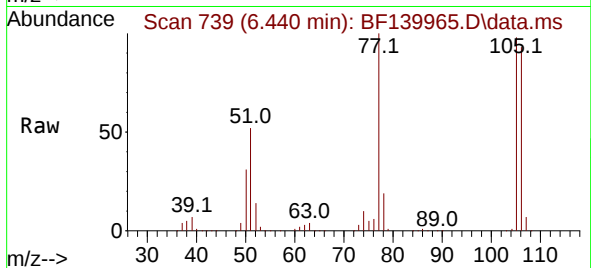




#9  
Benzaldehyde  
Concen: 40.347 ng  
RT: 6.440 min Scan# 71  
Delta R.T. 0.001 min  
Lab File: BF139965.D  
Acq: 23 Oct 2024 15:30

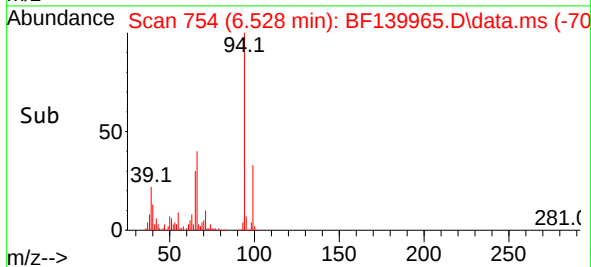
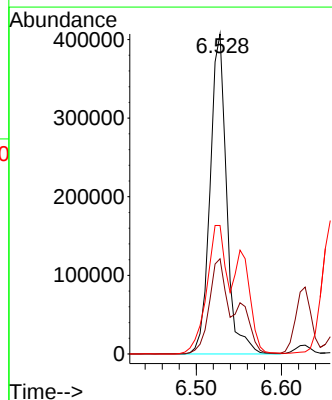
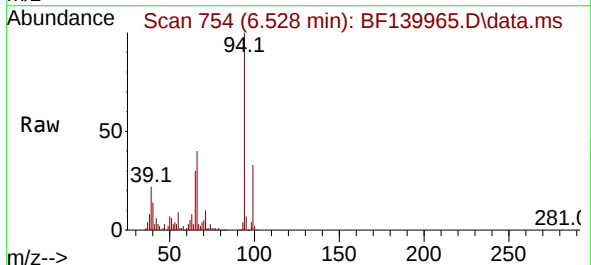
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

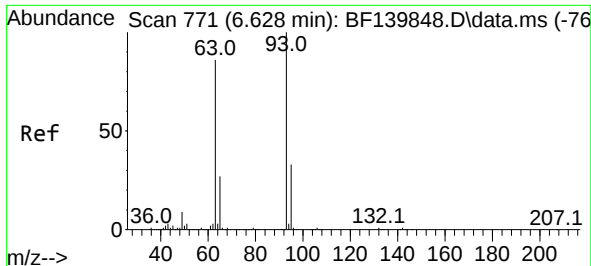
Tgt Ion: 77 Resp: 300182  
Ion Ratio Lower Upper  
77 100  
105 97.5 75.5 115.5  
106 93.4 71.7 111.7



#10  
Phenol  
Concen: 40.178 ng  
RT: 6.528 min Scan# 754  
Delta R.T. 0.006 min  
Lab File: BF139965.D  
Acq: 23 Oct 2024 15:30

Tgt Ion: 94 Resp: 547813  
Ion Ratio Lower Upper  
94 100  
65 29.8 11.1 51.1  
66 40.1 22.7 62.7

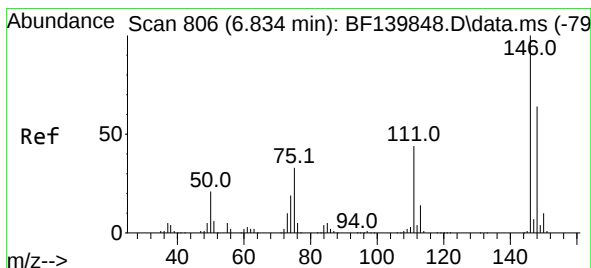
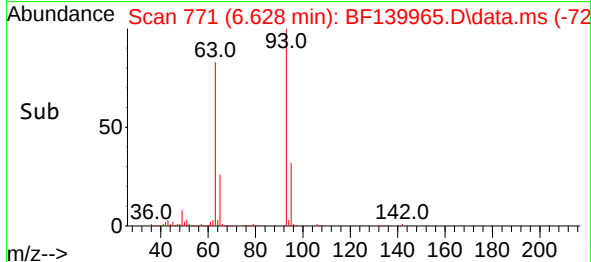
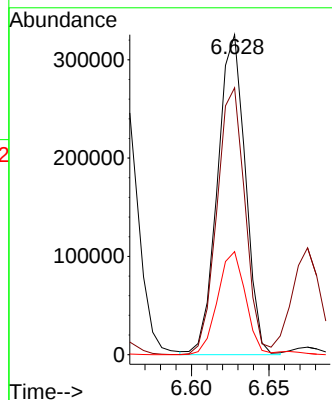
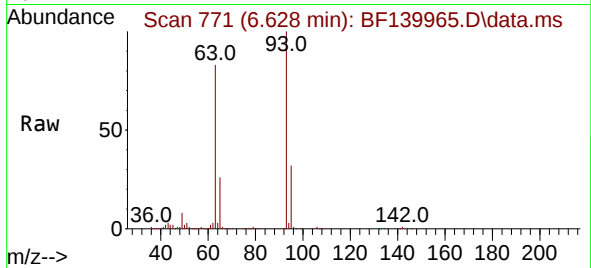




#11  
bis(2-Chloroethyl)ether  
Concen: 38.618 ng  
RT: 6.628 min Scan# 771  
Delta R.T. 0.000 min  
Lab File: BF139965.D  
Acq: 23 Oct 2024 15:30

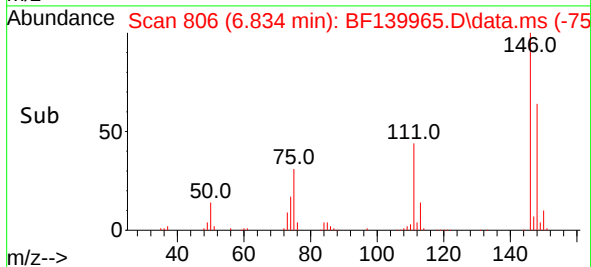
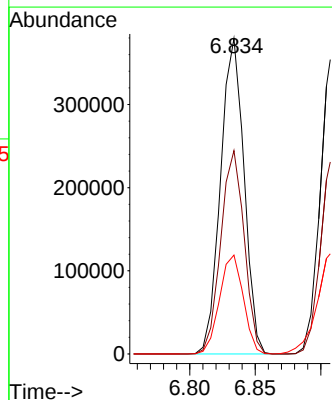
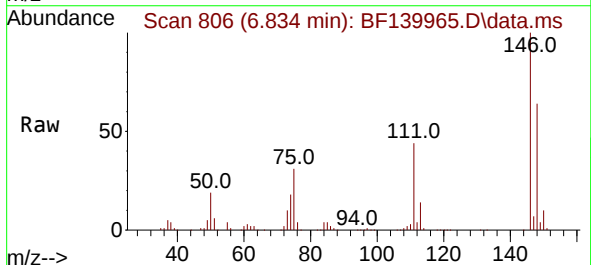
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

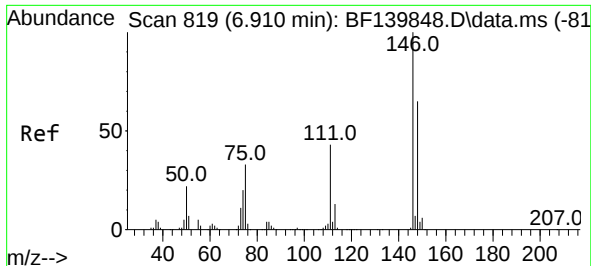
Tgt Ion: 93 Resp: 406978  
Ion Ratio Lower Upper  
93 100  
63 83.4 65.0 105.0  
95 32.2 12.4 52.4



#12  
1,3-Dichlorobenzene  
Concen: 39.402 ng  
RT: 6.834 min Scan# 806  
Delta R.T. 0.000 min  
Lab File: BF139965.D  
Acq: 23 Oct 2024 15:30

Tgt Ion:146 Resp: 472163  
Ion Ratio Lower Upper  
146 100  
148 64.4 51.0 76.4  
75 31.3 26.4 39.6

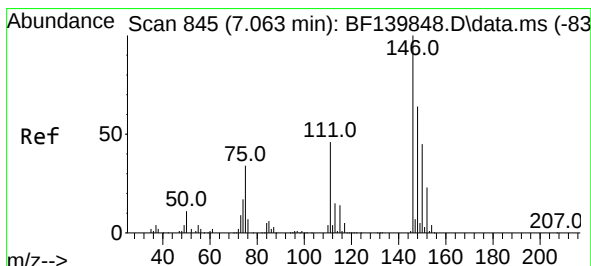
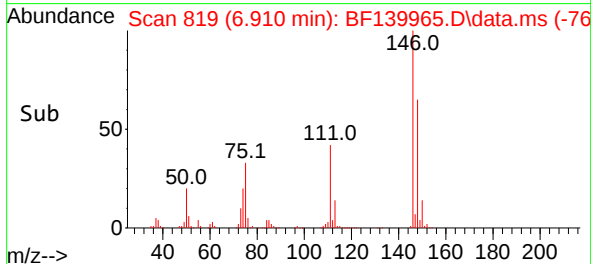
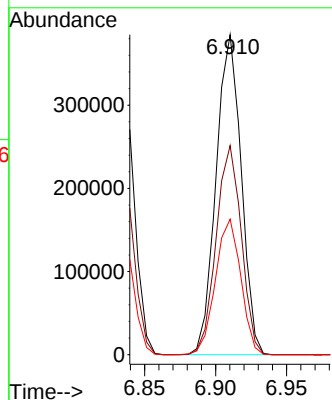
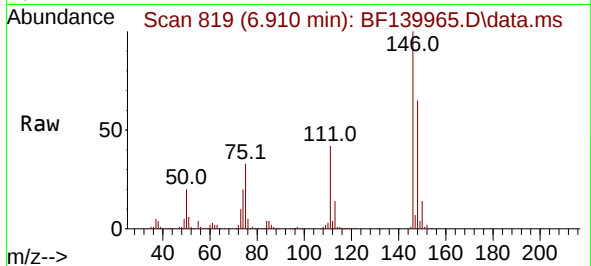




#13  
1,4-Dichlorobenzene  
Concen: 39.636 ng  
RT: 6.910 min Scan# 819  
Delta R.T. 0.000 min  
Lab File: BF139965.D  
Acq: 23 Oct 2024 15:30

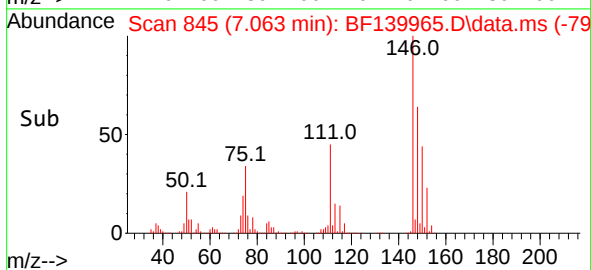
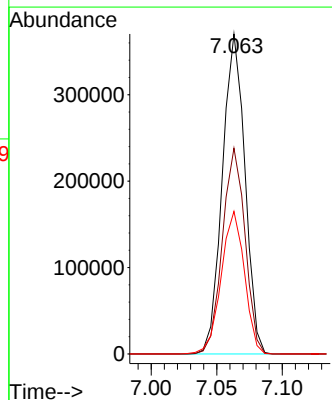
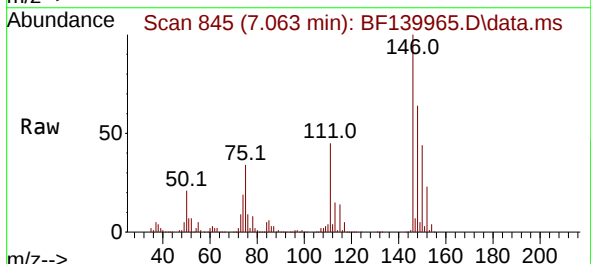
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

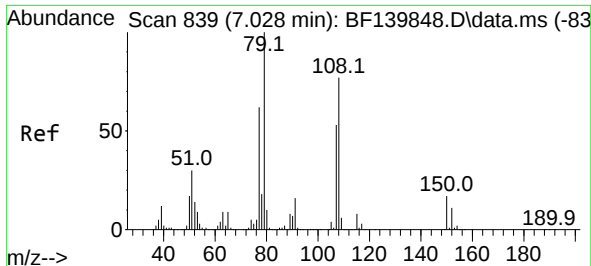
Tgt Ion:146 Resp: 474523  
Ion Ratio Lower Upper  
146 100  
148 65.4 51.8 77.8  
111 42.4 34.6 51.8



#14  
1,2-Dichlorobenzene  
Concen: 39.574 ng  
RT: 7.063 min Scan# 845  
Delta R.T. 0.000 min  
Lab File: BF139965.D  
Acq: 23 Oct 2024 15:30

Tgt Ion:146 Resp: 442180  
Ion Ratio Lower Upper  
146 100  
148 64.3 51.4 77.2  
111 44.6 36.7 55.1

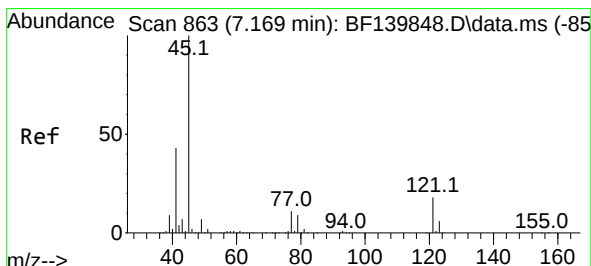
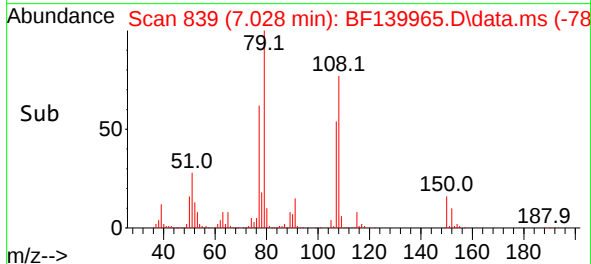
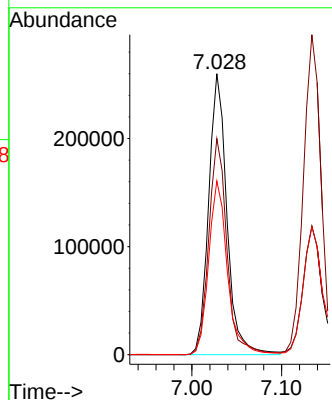
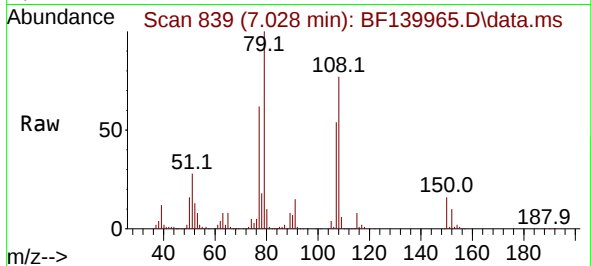




#15  
Benzyl Alcohol  
Concen: 37.910 ng  
RT: 7.028 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF139965.D  
Acq: 23 Oct 2024 15:30

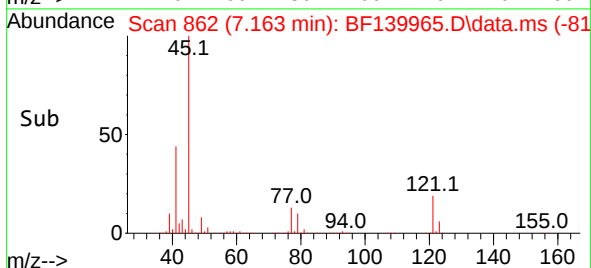
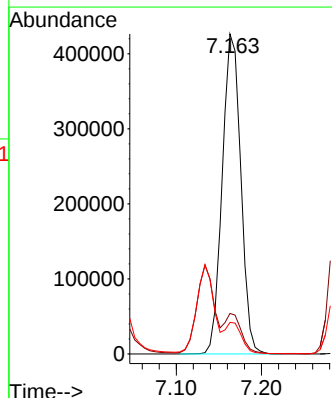
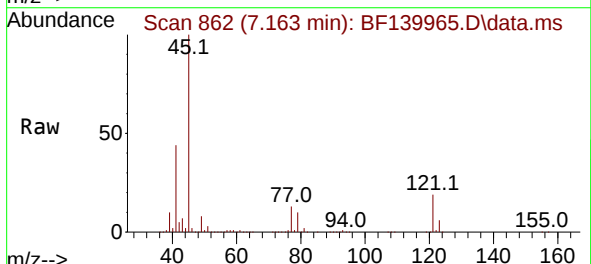
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

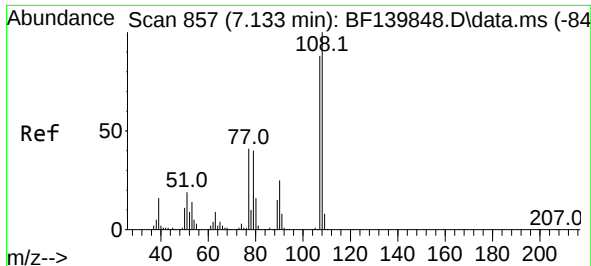
Tgt Ion: 79 Resp: 367781  
Ion Ratio Lower Upper  
79 100  
108 76.9 61.4 92.0  
77 61.9 49.9 74.9



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 35.911 ng  
RT: 7.163 min Scan# 862  
Delta R.T. -0.006 min  
Lab File: BF139965.D  
Acq: 23 Oct 2024 15:30

Tgt Ion: 45 Resp: 645310  
Ion Ratio Lower Upper  
45 100  
77 12.7 0.0 31.5  
79 9.8 0.0 29.1

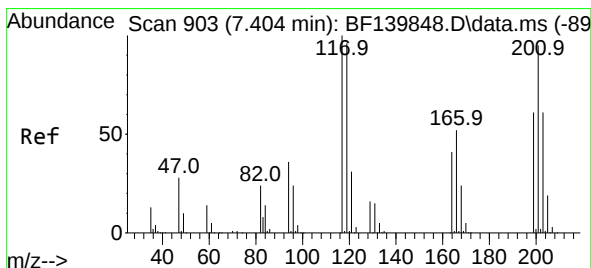
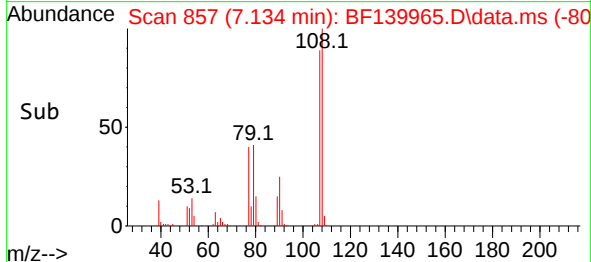
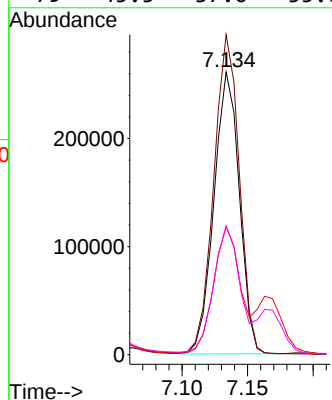
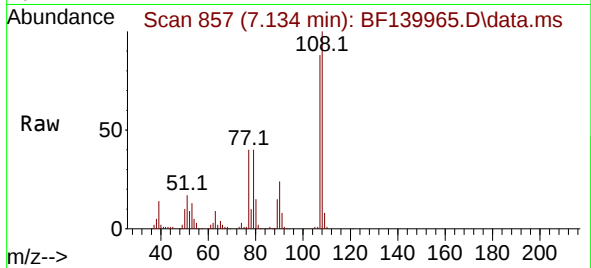




#17  
2-Methylphenol  
Concen: 39.467 ng  
RT: 7.134 min Scan# 857  
Delta R.T. 0.000 min  
Lab File: BF139965.D  
Acq: 23 Oct 2024 15:30

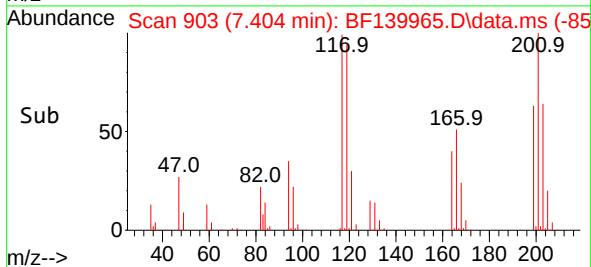
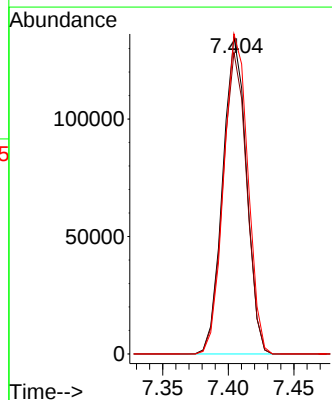
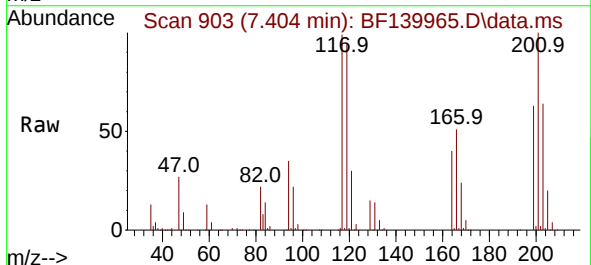
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

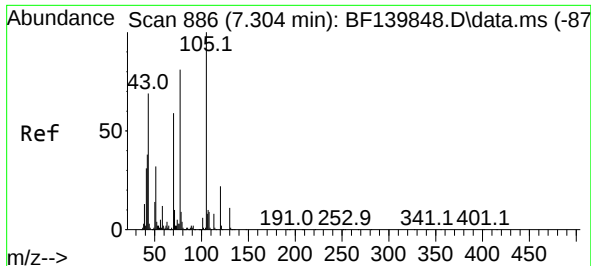
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 351315 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 113.2 | 91.3  | 136.9  |
| 77       | 45.3  | 37.1  | 55.7   |
| 79       | 45.5  | 37.0  | 55.6   |



#18  
Hexachloroethane  
Concen: 39.670 ng  
RT: 7.404 min Scan# 903  
Delta R.T. 0.000 min  
Lab File: BF139965.D  
Acq: 23 Oct 2024 15:30

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 169360 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 95.0  | 77.0  | 115.4  |
| 201      | 100.8 | 76.2  | 114.4  |



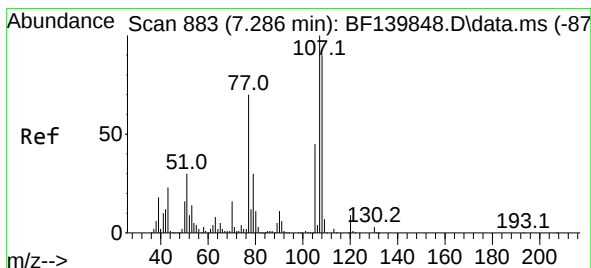
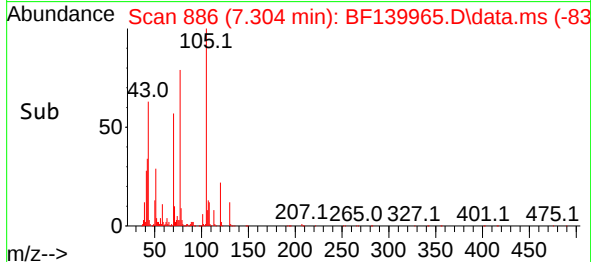
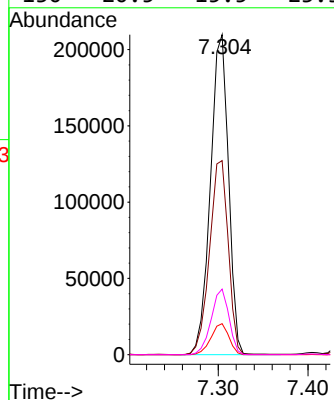
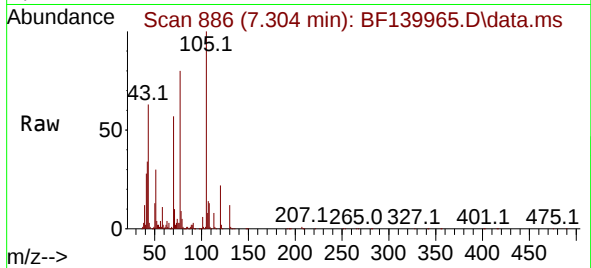


#19  
n-Nitroso-di-n-propylamine  
Concen: 36.609 ng  
RT: 7.304 min Scan# 886  
Delta R.T. 0.000 min  
Lab File: BF139965.D  
Acq: 23 Oct 2024 15:30

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 70 Resp: 293648

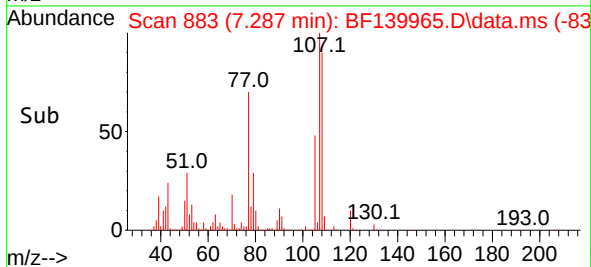
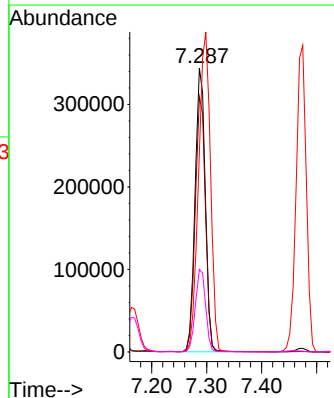
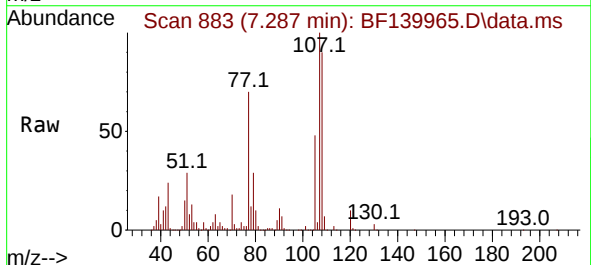
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 60.6  | 51.5  | 77.3  |
| 101 | 9.7   | 7.5   | 11.3  |
| 130 | 20.5  | 15.5  | 23.3  |

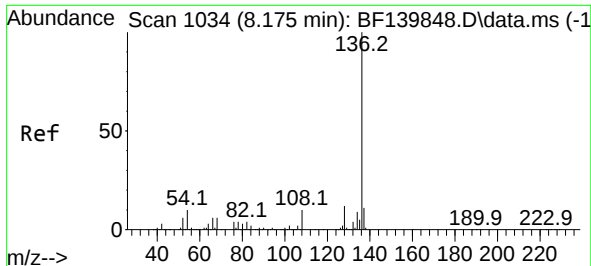


#20  
3+4-Methylphenols  
Concen: 38.982 ng  
RT: 7.287 min Scan# 883  
Delta R.T. 0.000 min  
Lab File: BF139965.D  
Acq: 23 Oct 2024 15:30

Tgt Ion: 107 Resp: 443838

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 89.9  | 69.8  | 109.8 |
| 77  | 70.4  | 50.5  | 90.5  |
| 79  | 29.1  | 10.2  | 50.2  |

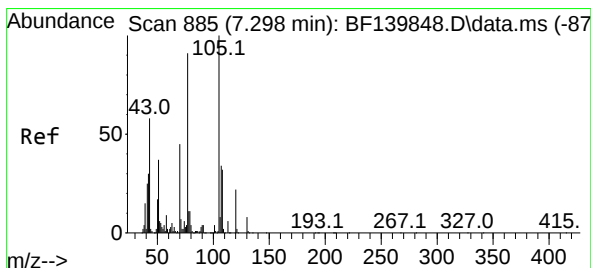
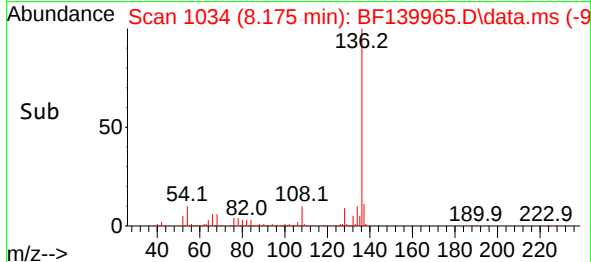
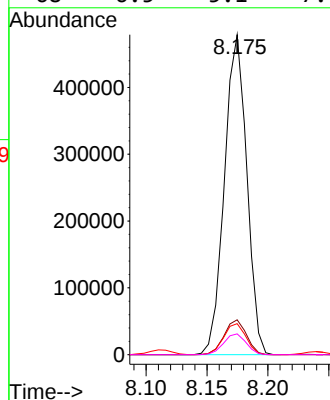
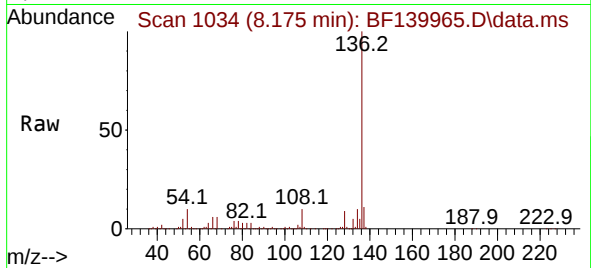




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.175 min Scan# 1034  
Delta R.T. 0.000 min  
Lab File: BF139965.D  
Acq: 23 Oct 2024 15:30

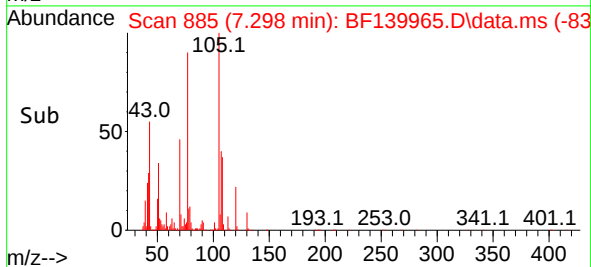
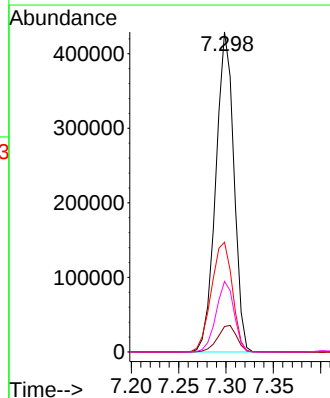
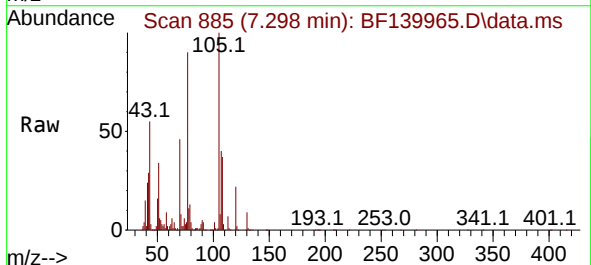
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

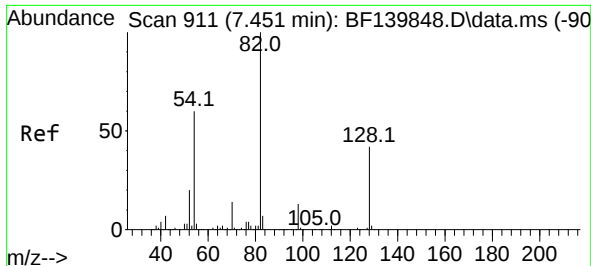
Tgt Ion:136 Resp: 611382  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.6 12.8  
54 9.7 8.4 12.6  
68 6.5 5.1 7.7



#22  
Acetophenone  
Concen: 38.152 ng  
RT: 7.298 min Scan# 885  
Delta R.T. 0.000 min  
Lab File: BF139965.D  
Acq: 23 Oct 2024 15:30

Tgt Ion:105 Resp: 571315  
Ion Ratio Lower Upper  
105 100  
71 7.9 5.9 8.9  
51 34.3 29.4 44.2  
120 22.0 17.5 26.3





#23

Nitrobenzene-d5

Concen: 82.113 ng

RT: 7.451 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

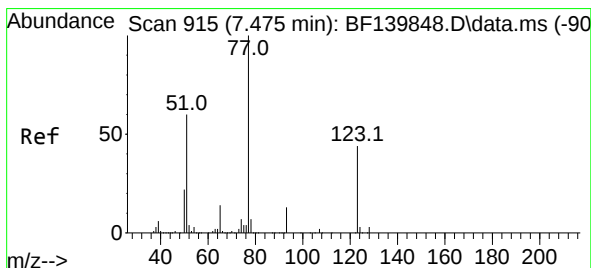
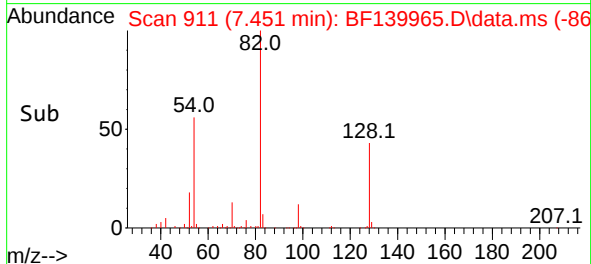
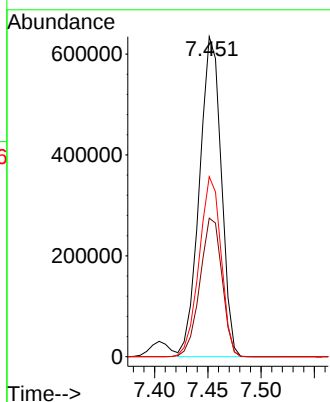
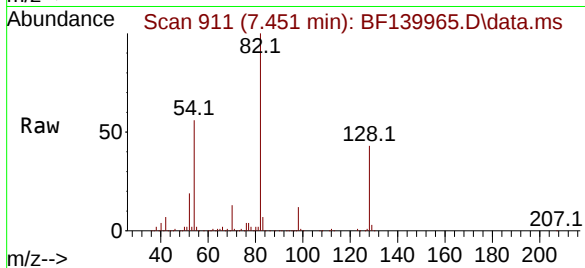
Tgt Ion: 82 Resp: 905794

Ion Ratio Lower Upper

82 100

128 43.3 33.4 50.0

54 56.2 47.8 71.8



#24

Nitrobenzene

Concen: 39.545 ng

RT: 7.475 min Scan# 915

Delta R.T. 0.000 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

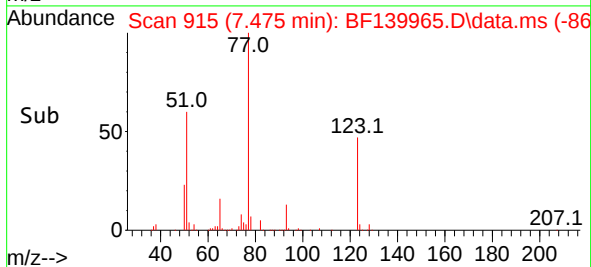
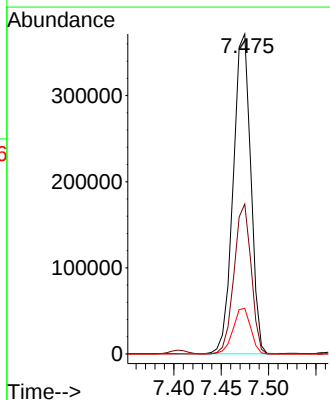
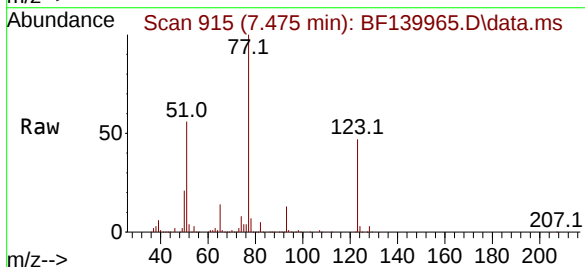
Tgt Ion: 77 Resp: 478277

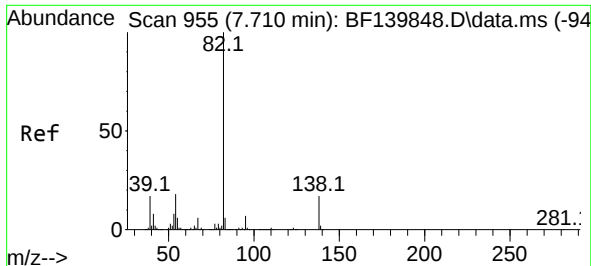
Ion Ratio Lower Upper

77 100

123 46.8 35.7 53.5

65 14.3 11.5 17.3

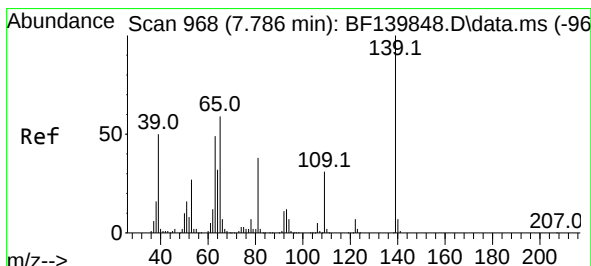
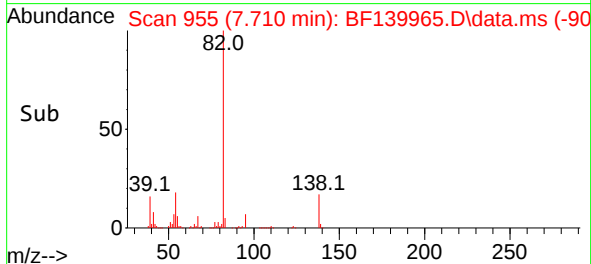
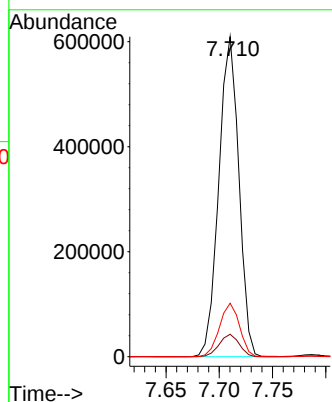
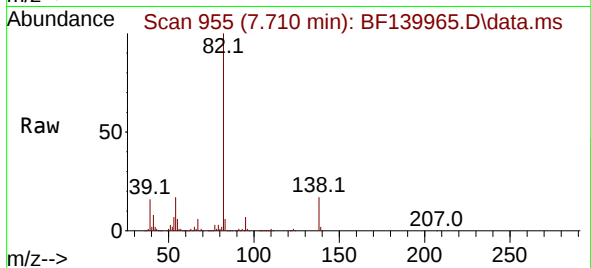




#25  
Isophorone  
Concen: 37.995 ng  
RT: 7.710 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF139965.D  
Acq: 23 Oct 2024 15:30

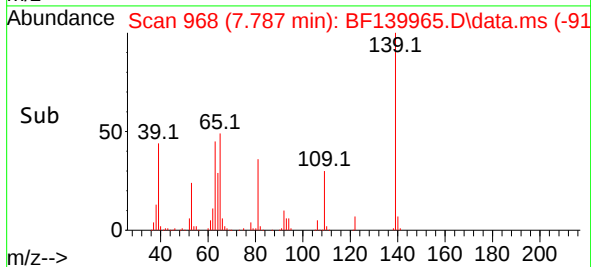
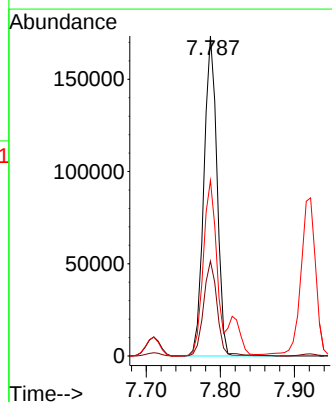
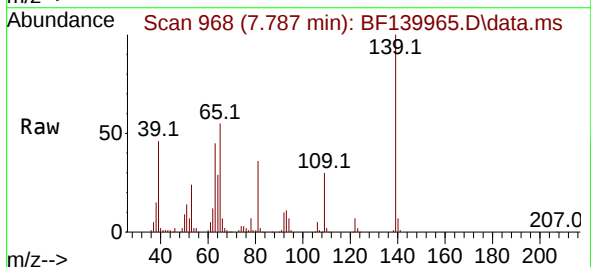
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

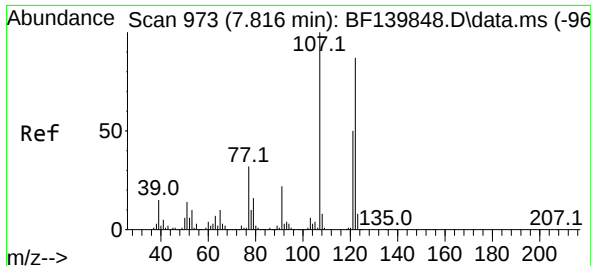
Tgt Ion: 82 Resp: 795494  
Ion Ratio Lower Upper  
82 100  
95 7.0 5.5 8.3  
138 16.7 13.2 19.8



#26  
2-Nitrophenol  
Concen: 46.836 ng  
RT: 7.787 min Scan# 968  
Delta R.T. 0.000 min  
Lab File: BF139965.D  
Acq: 23 Oct 2024 15:30

Tgt Ion:139 Resp: 213698  
Ion Ratio Lower Upper  
139 100  
109 29.7 25.1 37.7  
65 54.9 47.5 71.3

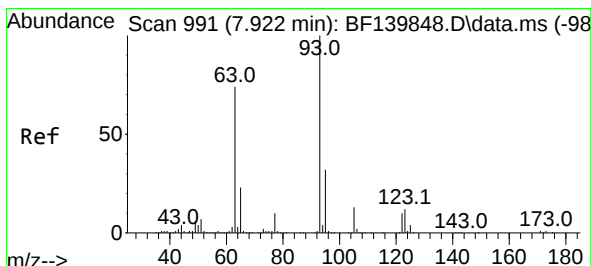
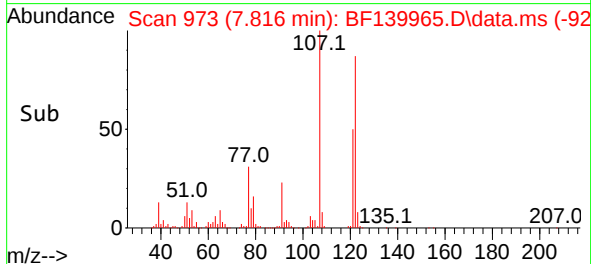
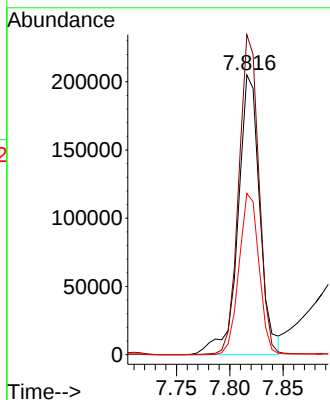
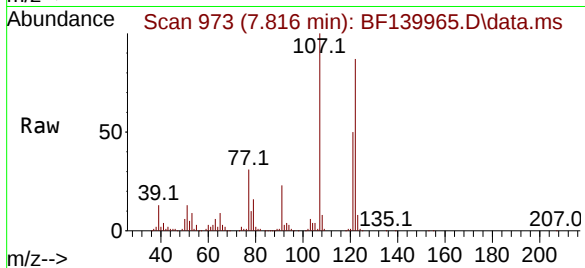




#27  
2,4-Dimethylphenol  
Concen: 38.382 ng  
RT: 7.816 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF139965.D  
Acq: 23 Oct 2024 15:30

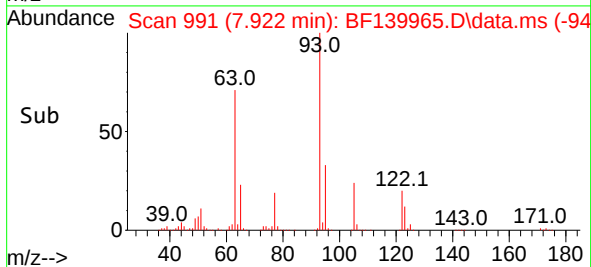
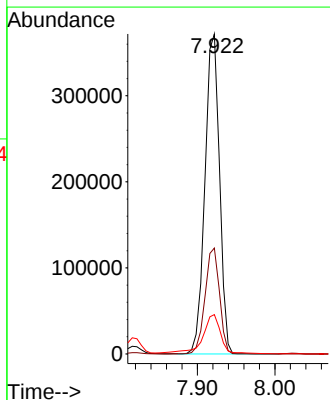
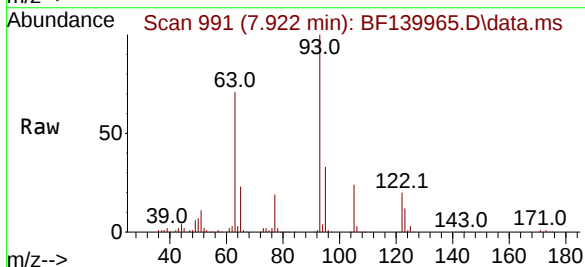
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

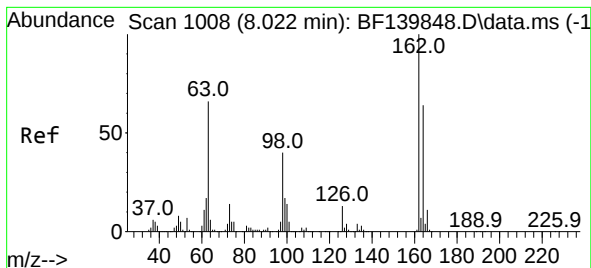
Tgt Ion:122 Resp: 292012  
Ion Ratio Lower Upper  
122 100  
107 114.4 91.9 137.9  
121 57.7 46.2 69.4



#28  
bis(2-Chloroethoxy)methane  
Concen: 38.252 ng  
RT: 7.922 min Scan# 991  
Delta R.T. 0.000 min  
Lab File: BF139965.D  
Acq: 23 Oct 2024 15:30

Tgt Ion: 93 Resp: 485228  
Ion Ratio Lower Upper  
93 100  
95 33.1 26.0 39.0  
123 12.3 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 39.971 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

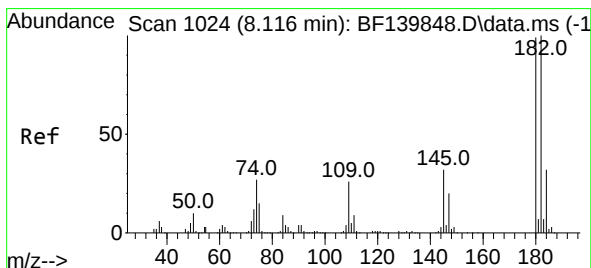
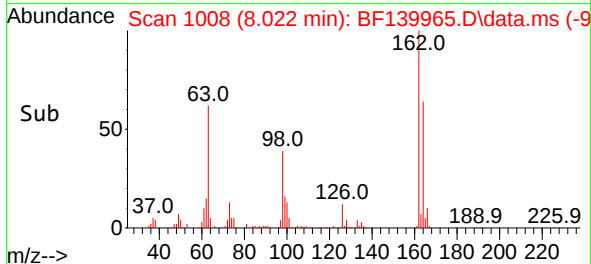
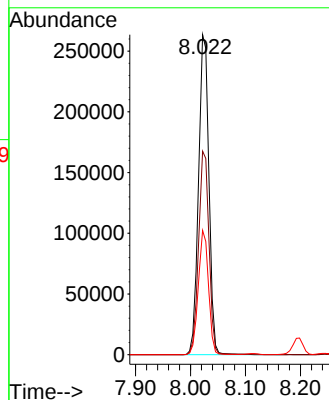
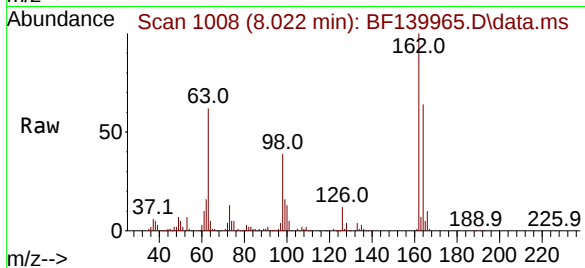
Tgt Ion:162 Resp: 346373

Ion Ratio Lower Upper

162 100

164 63.6 43.9 83.9

98 38.9 19.9 59.9



#30

1,2,4-Trichlorobenzene

Concen: 39.591 ng

RT: 8.116 min Scan# 1024

Delta R.T. 0.000 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

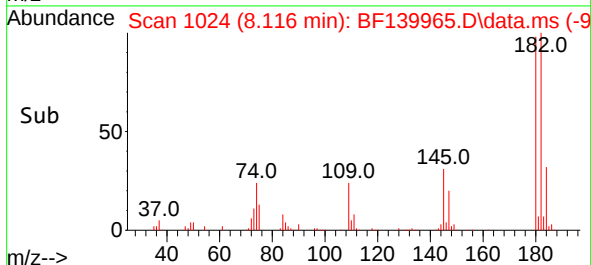
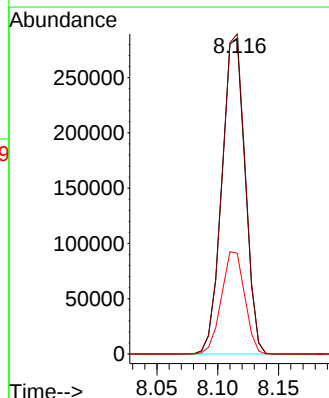
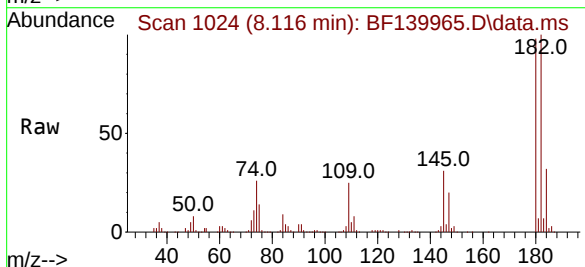
Tgt Ion:180 Resp: 379629

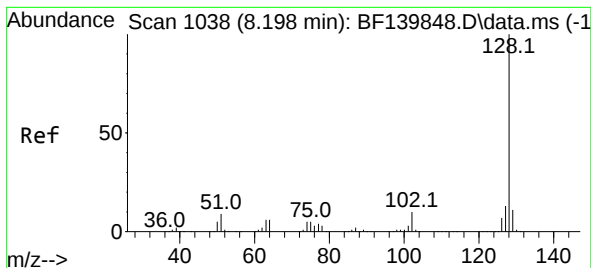
Ion Ratio Lower Upper

180 100

182 101.5 80.5 120.7

145 32.0 25.4 38.0





#31

Naphthalene

Concen: 39.208 ng

RT: 8.198 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

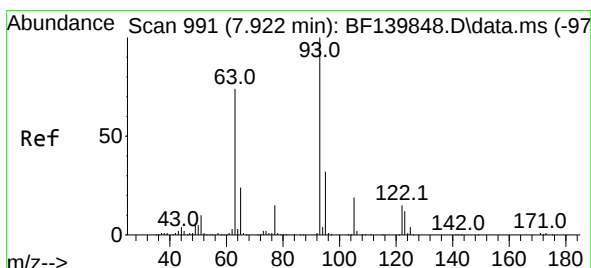
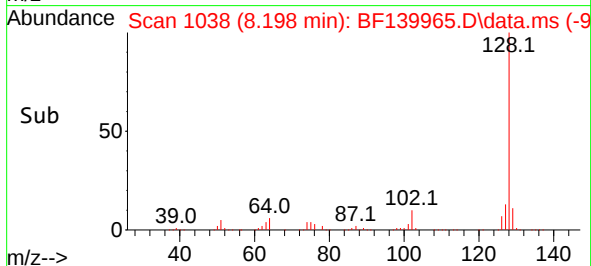
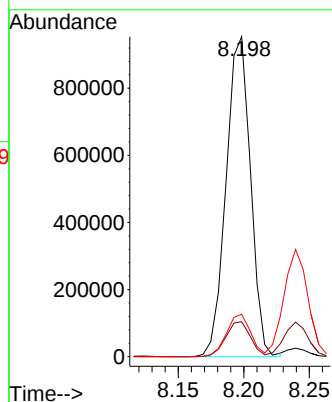
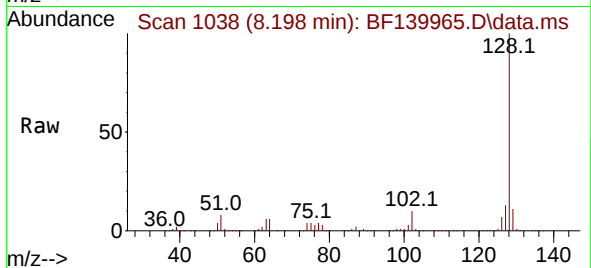
Tgt Ion:128 Resp: 1236297

Ion Ratio Lower Upper

128 100

129 11.0 8.9 13.3

127 13.2 10.6 16.0



#32

Benzoic acid

Concen: 44.497 ng

RT: 7.922 min Scan# 991

Delta R.T. -0.000 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

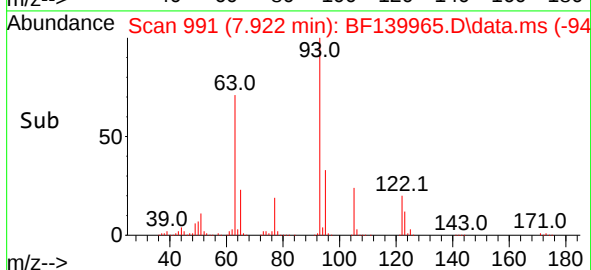
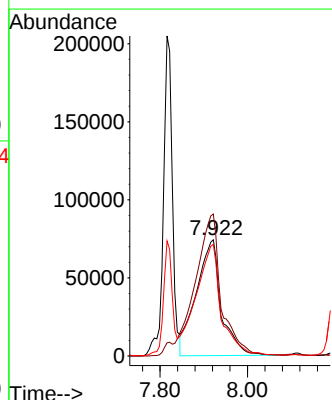
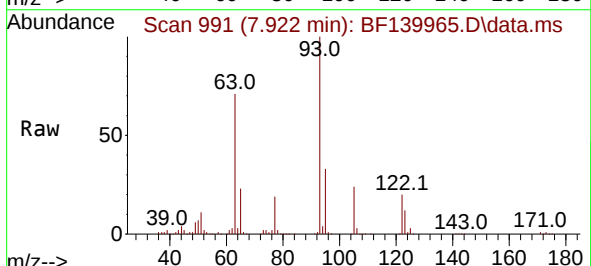
Tgt Ion:122 Resp: 295264

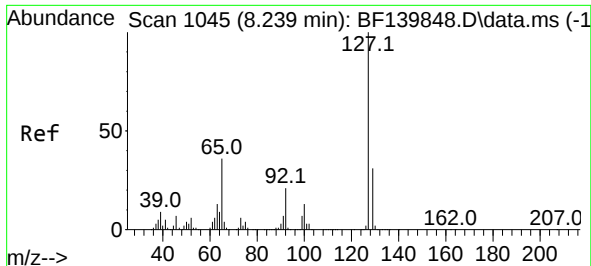
Ion Ratio Lower Upper

122 100

105 122.2 107.6 147.6

77 96.0 80.2 120.2

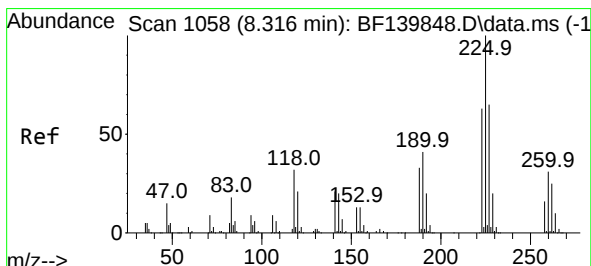
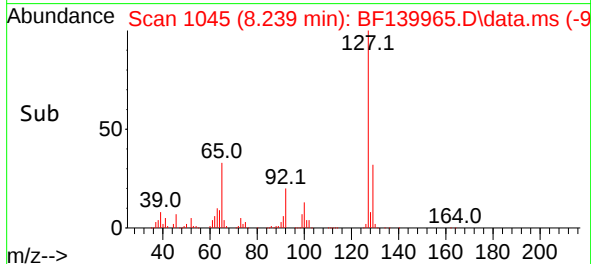
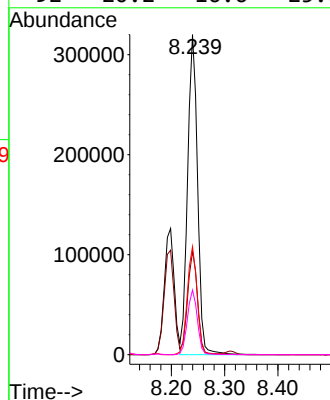
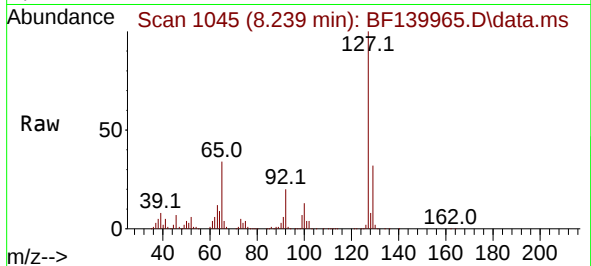




#33  
4-Chloroaniline  
Concen: 38.637 ng  
RT: 8.239 min Scan# 1045  
Delta R.T. 0.000 min  
Lab File: BF139965.D  
Acq: 23 Oct 2024 15:30

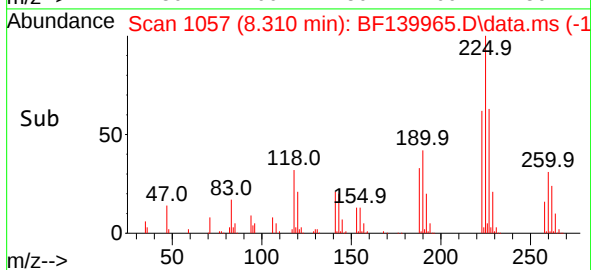
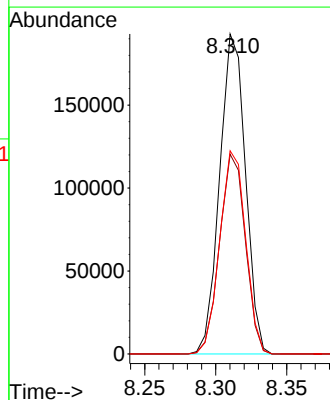
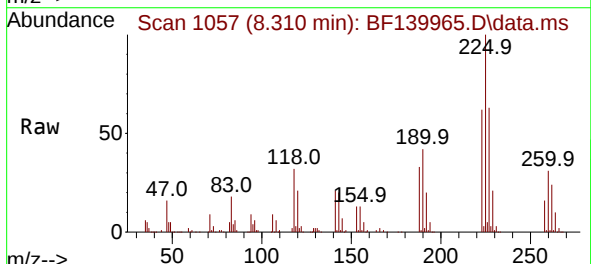
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

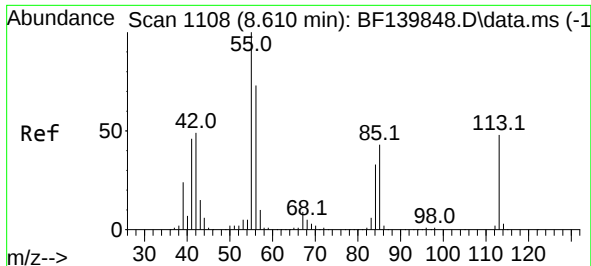
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 415421 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.2  | 25.4  | 38.2   |
| 65       | 33.8  | 28.4  | 42.6   |
| 92       | 20.2  | 16.6  | 25.0   |



#34  
Hexachlorobutadiene  
Concen: 40.436 ng  
RT: 8.310 min Scan# 1057  
Delta R.T. -0.006 min  
Lab File: BF139965.D  
Acq: 23 Oct 2024 15:30

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 243614 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.4  | 50.6  | 76.0   |
| 227      | 63.5  | 51.8  | 77.8   |





#35

Caprolactam

Concen: 40.942 ng

RT: 8.610 min Scan# 1108

Delta R.T. 0.000 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

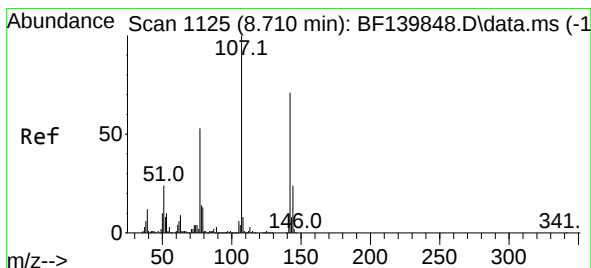
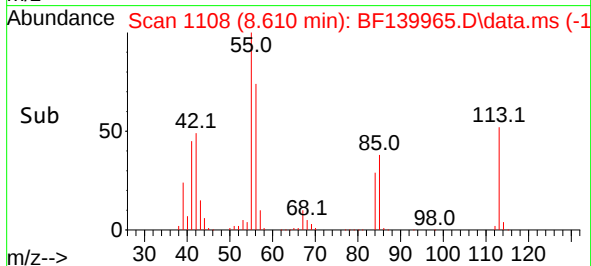
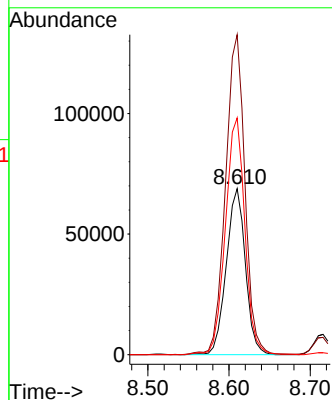
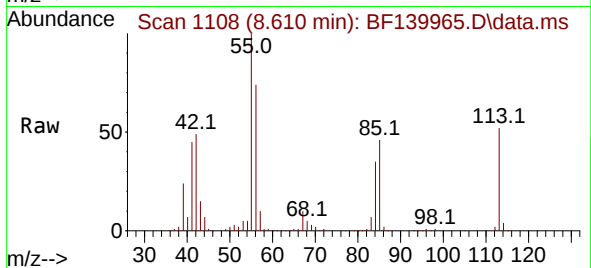
Tgt Ion:113 Resp: 112811

Ion Ratio Lower Upper

113 100

55 192.6 189.2 229.2

56 142.5 132.5 172.5



#36

4-Chloro-3-methylphenol

Concen: 39.260 ng

RT: 8.716 min Scan# 1126

Delta R.T. 0.006 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

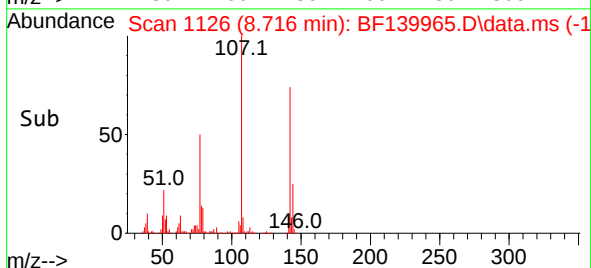
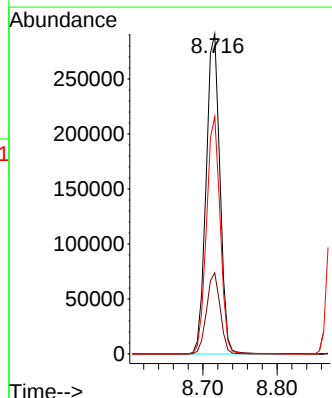
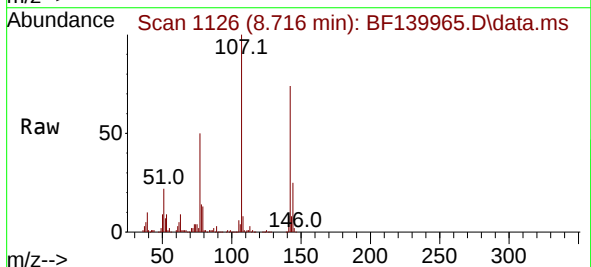
Tgt Ion:107 Resp: 376721

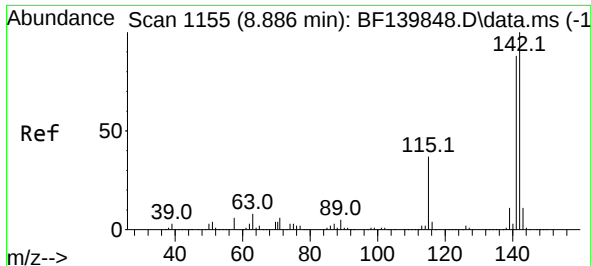
Ion Ratio Lower Upper

107 100

144 25.3 19.1 28.7

142 74.2 57.2 85.8





#37

2-Methylnaphthalene

Concen: 39.114 ng

RT: 8.886 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

Instrument :

BNA\_F

ClientSampleId :

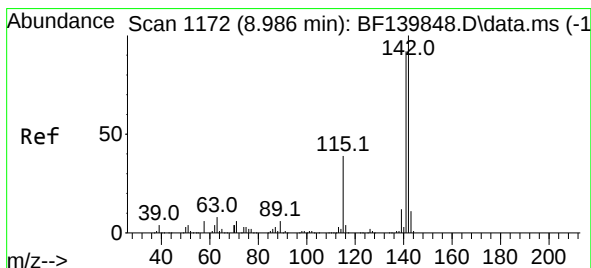
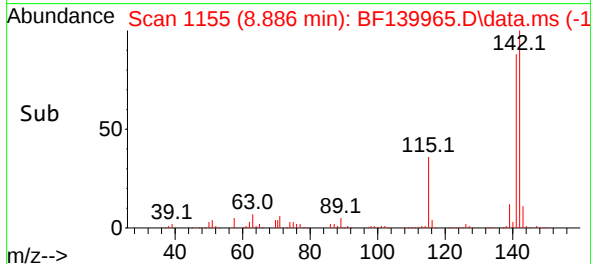
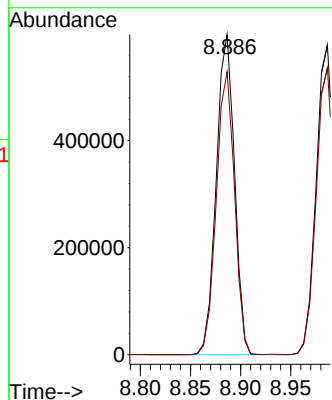
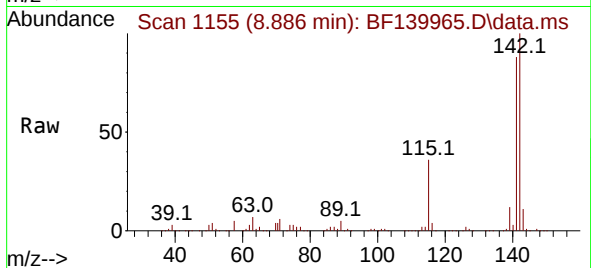
SSTDCCC040

Tgt Ion:142 Resp: 755327

Ion Ratio Lower Upper

142 100

141 88.4 70.8 106.2



#38

1-Methylnaphthalene

Concen: 38.841 ng

RT: 8.986 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF139965.D

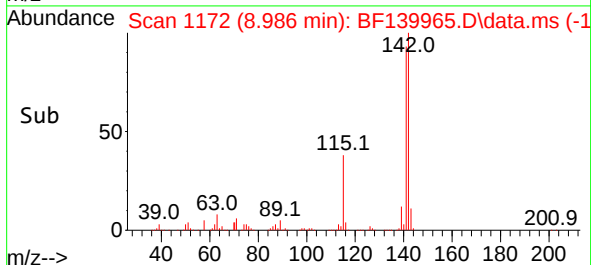
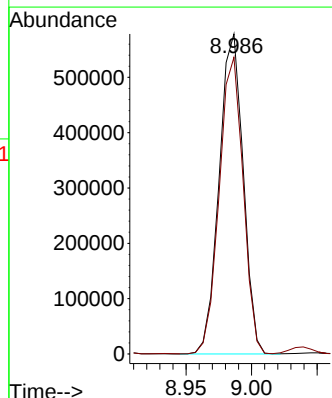
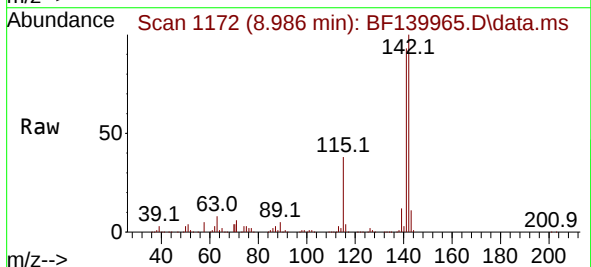
Acq: 23 Oct 2024 15:30

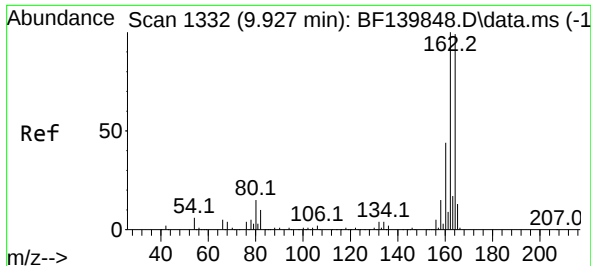
Tgt Ion:142 Resp: 735901

Ion Ratio Lower Upper

142 100

141 92.7 73.5 110.3

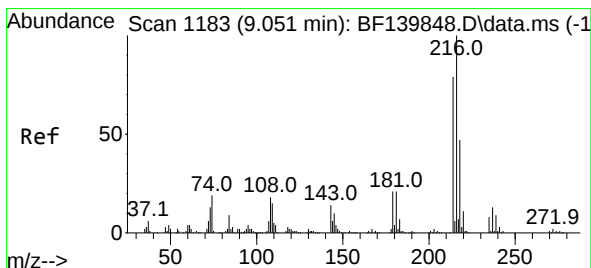
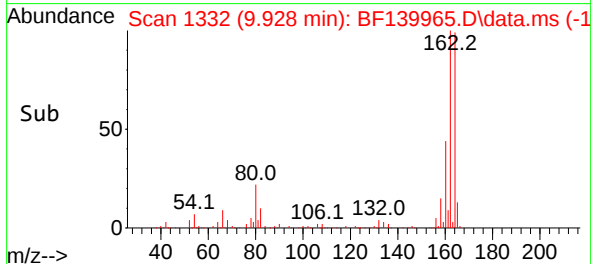
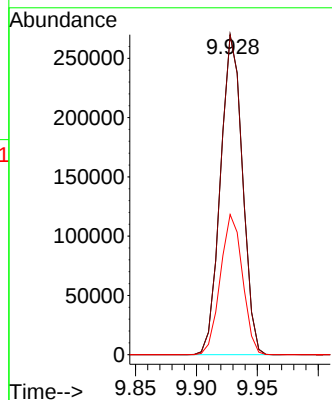
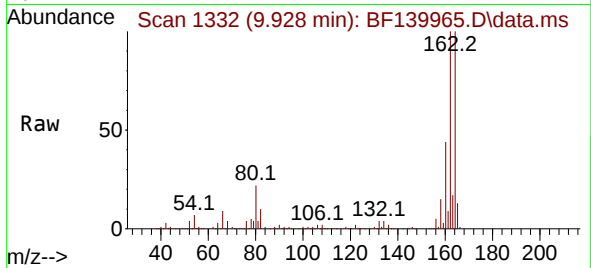




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.928 min Scan# 1183  
Delta R.T. 0.001 min  
Lab File: BF139965.D  
Acq: 23 Oct 2024 15:30

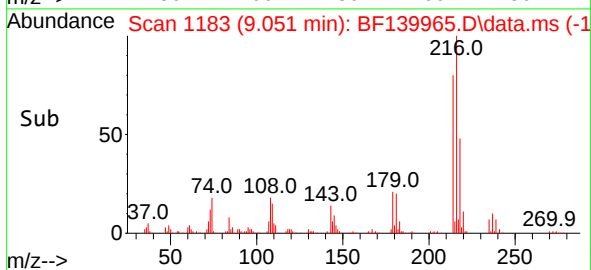
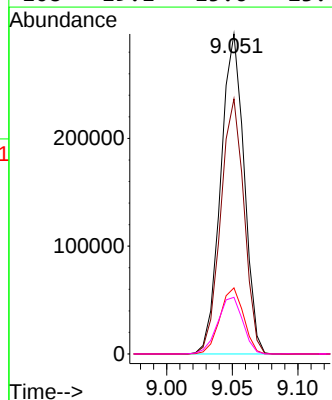
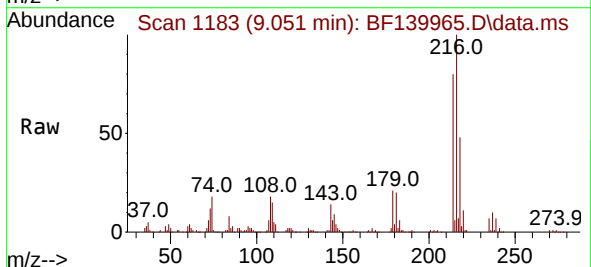
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

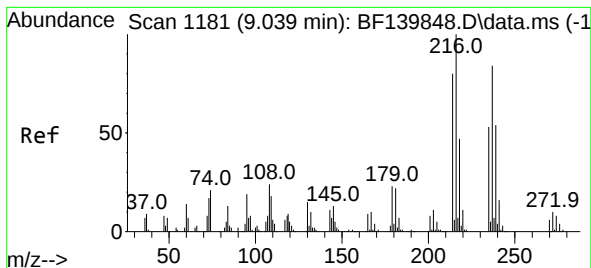
Tgt Ion:164 Resp: 340124  
Ion Ratio Lower Upper  
164 100  
162 99.9 81.0 121.4  
160 43.8 35.4 53.0



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 40.047 ng  
RT: 9.051 min Scan# 1183  
Delta R.T. 0.000 min  
Lab File: BF139965.D  
Acq: 23 Oct 2024 15:30

Tgt Ion:216 Resp: 367476  
Ion Ratio Lower Upper  
216 100  
214 79.5 63.4 95.0  
179 20.9 17.2 25.8  
108 19.1 15.6 23.4





#41

Hexachlorocyclopentadiene

Concen: 41.044 ng

RT: 9.039 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

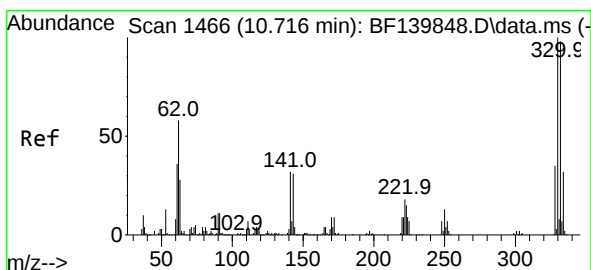
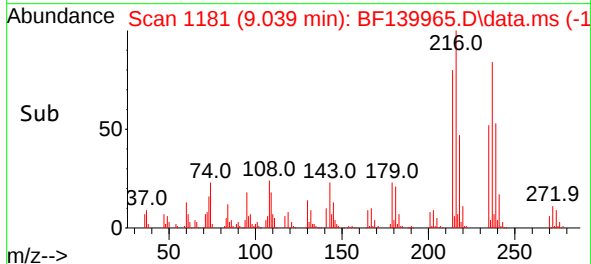
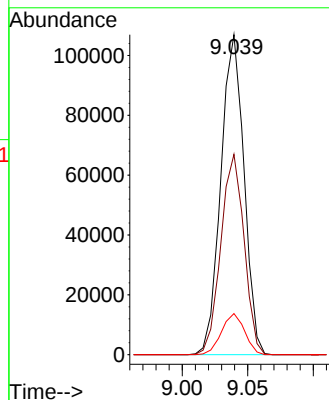
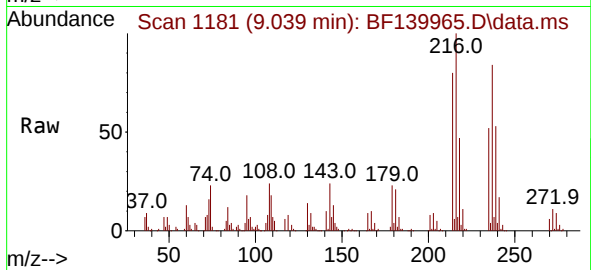
Tgt Ion:237 Resp: 131046

Ion Ratio Lower Upper

237 100

235 62.6 42.9 82.9

272 12.8 0.0 32.3



#42

2,4,6-Tribromophenol

Concen: 87.444 ng

RT: 10.716 min Scan# 1466

Delta R.T. 0.000 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

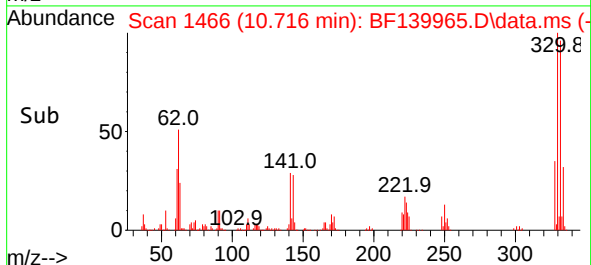
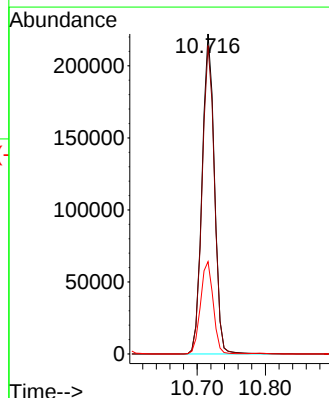
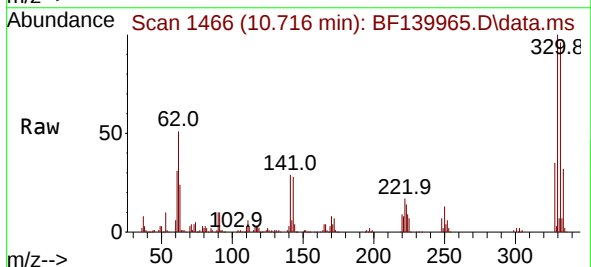
Tgt Ion:330 Resp: 278197

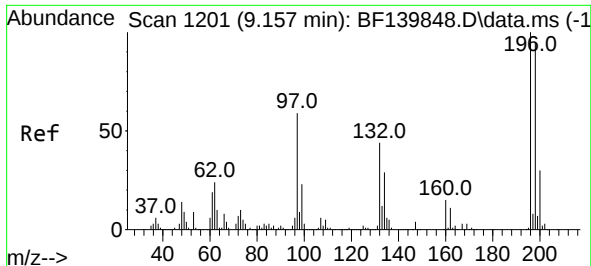
Ion Ratio Lower Upper

330 100

332 96.9 78.1 117.1

141 29.7 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 39.893 ng

RT: 9.157 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

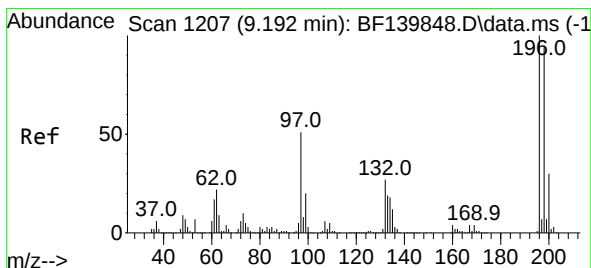
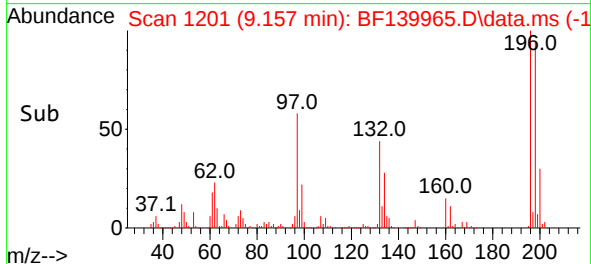
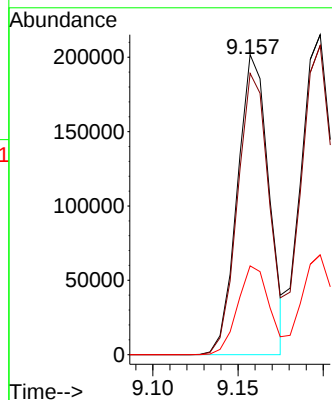
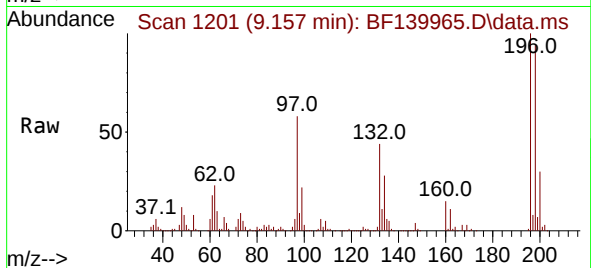
Tgt Ion:196 Resp: 259164

Ion Ratio Lower Upper

196 100

198 93.8 76.2 114.2

200 29.6 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 42.132 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.006 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

Tgt Ion:196 Resp: 282398

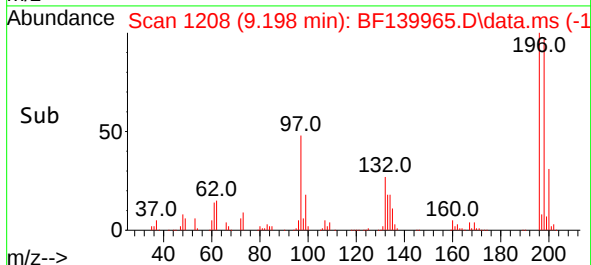
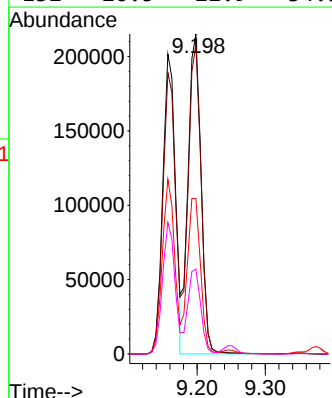
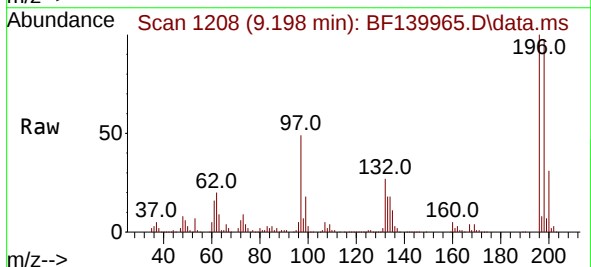
Ion Ratio Lower Upper

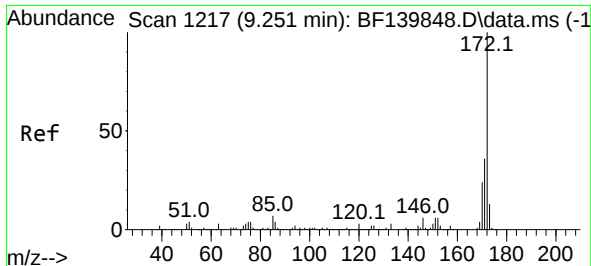
196 100

198 96.6 75.8 113.6

97 48.6 41.8 62.6

132 26.5 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 77.274 ng

RT: 9.251 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

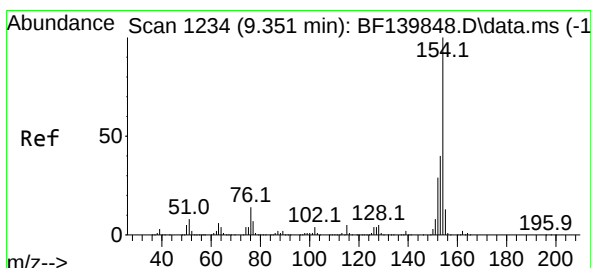
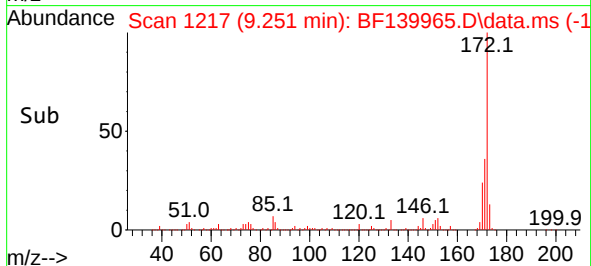
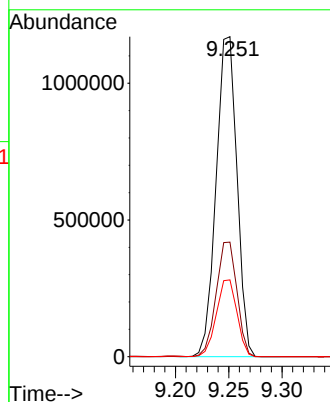
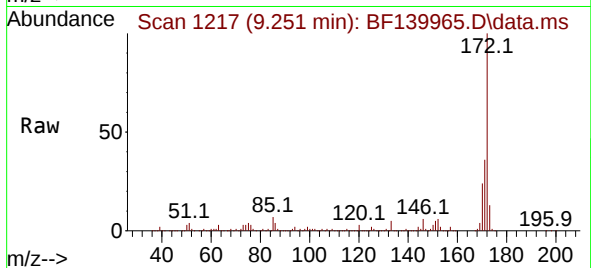
Tgt Ion:172 Resp: 1590284

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: 38.820 ng

RT: 9.351 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

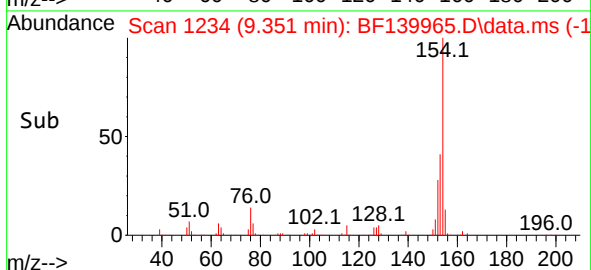
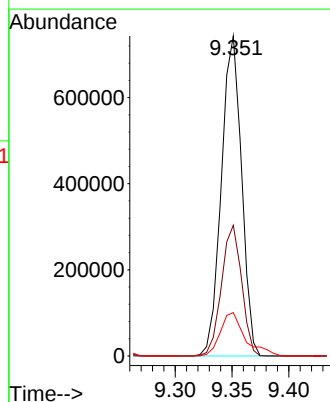
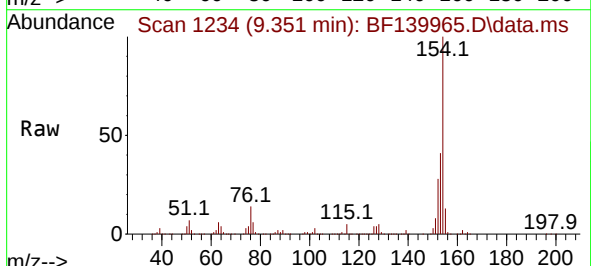
Tgt Ion:154 Resp: 919167

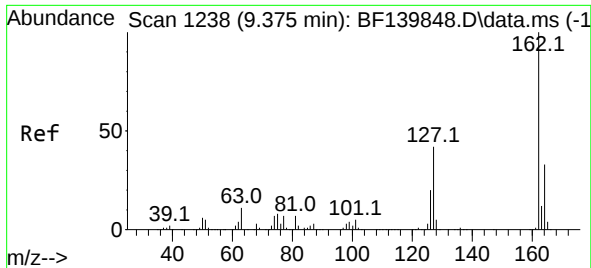
Ion Ratio Lower Upper

154 100

153 40.9 20.3 60.3

76 13.5 0.0 33.9

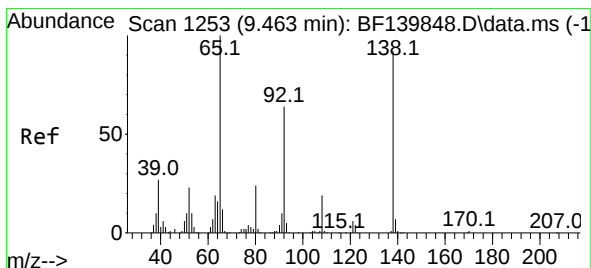
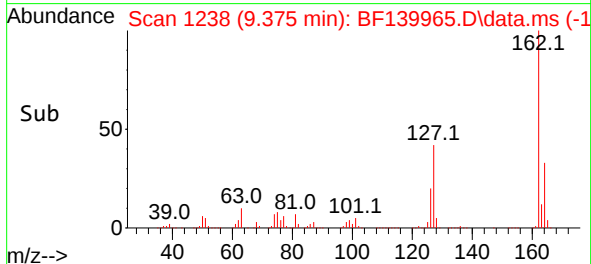
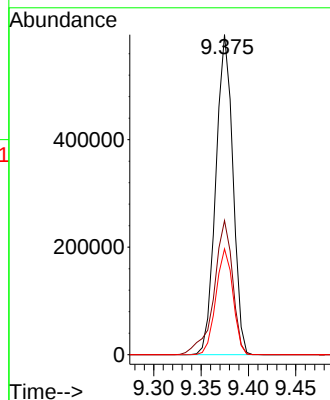
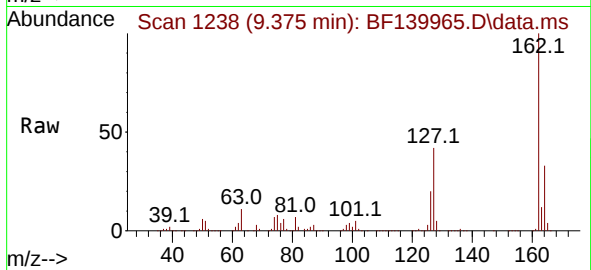




#47  
2-Chloronaphthalene  
Concen: 39.125 ng  
RT: 9.375 min Scan# 1238  
Delta R.T. 0.000 min  
Lab File: BF139965.D  
Acq: 23 Oct 2024 15:30

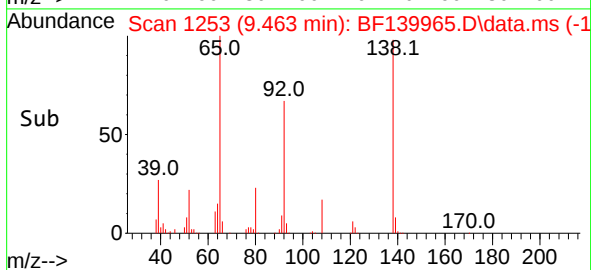
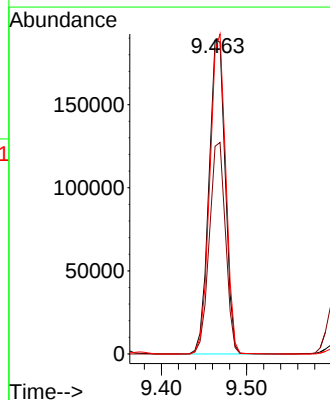
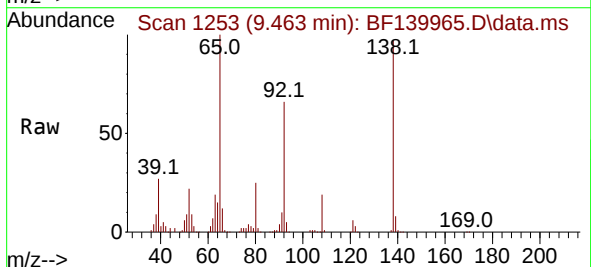
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

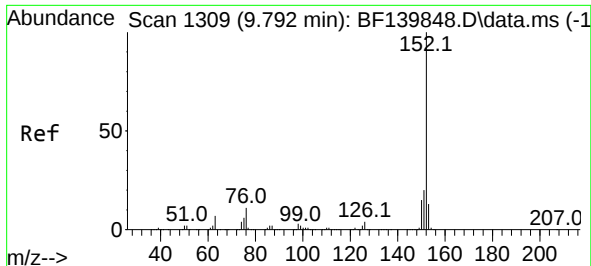
Tgt Ion:162 Resp: 746122  
Ion Ratio Lower Upper  
162 100  
127 41.9 33.8 50.6  
164 33.0 26.6 39.8



#48  
2-Nitroaniline  
Concen: 43.073 ng  
RT: 9.463 min Scan# 1253  
Delta R.T. 0.000 min  
Lab File: BF139965.D  
Acq: 23 Oct 2024 15:30

Tgt Ion: 65 Resp: 251224  
Ion Ratio Lower Upper  
65 100  
92 66.2 50.9 76.3  
138 96.6 73.4 110.0

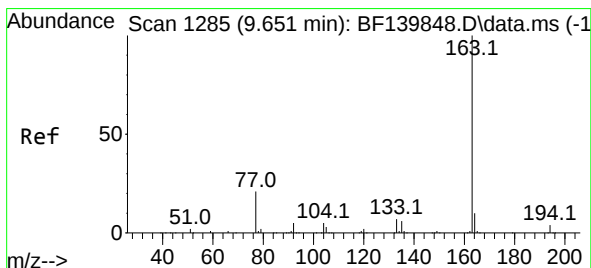
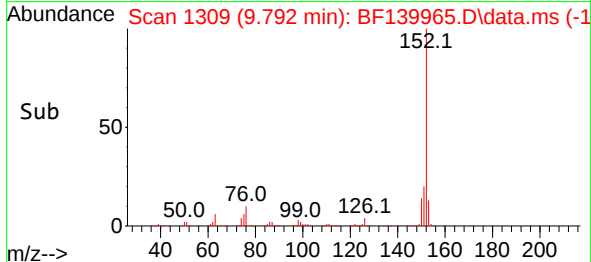
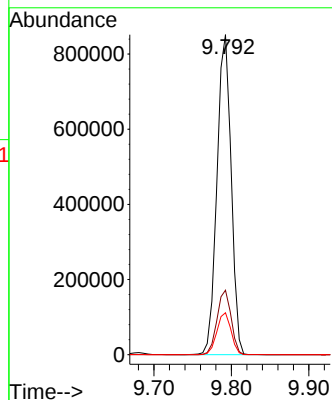
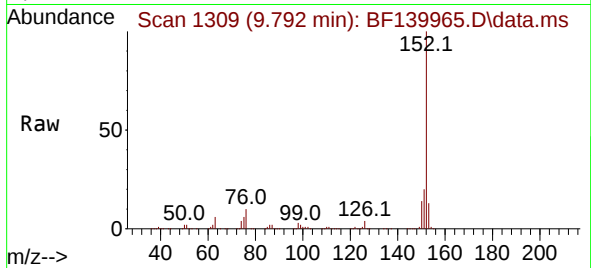




#49  
Acenaphthylene  
Concen: 39.178 ng  
RT: 9.792 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF139965.D  
Acq: 23 Oct 2024 15:30

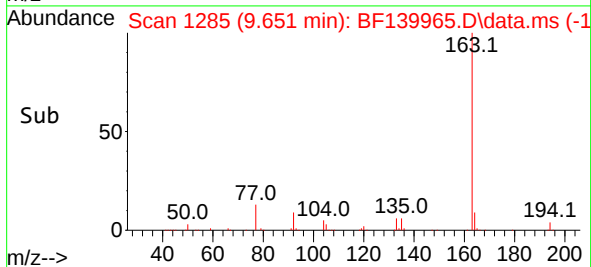
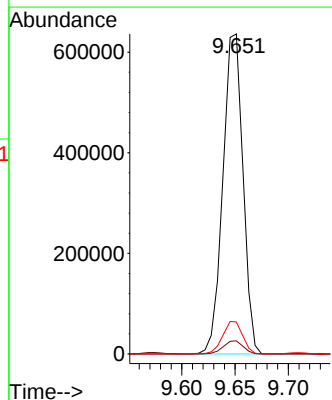
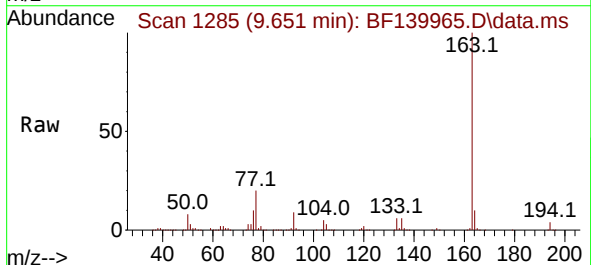
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

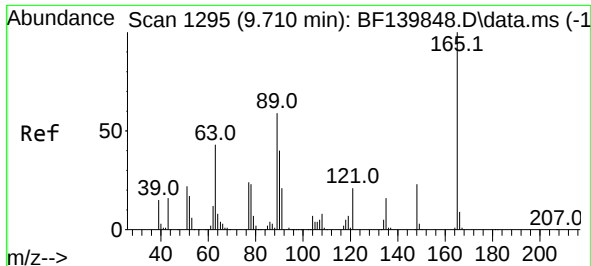
Tgt Ion:152 Resp: 1080134  
Ion Ratio Lower Upper  
152 100  
151 20.2 15.9 23.9  
153 13.1 10.7 16.1



#50  
Dimethylphthalate  
Concen: 39.360 ng  
RT: 9.651 min Scan# 1285  
Delta R.T. 0.000 min  
Lab File: BF139965.D  
Acq: 23 Oct 2024 15:30

Tgt Ion:163 Resp: 833862  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.4 5.0  
164 10.0 8.2 12.2

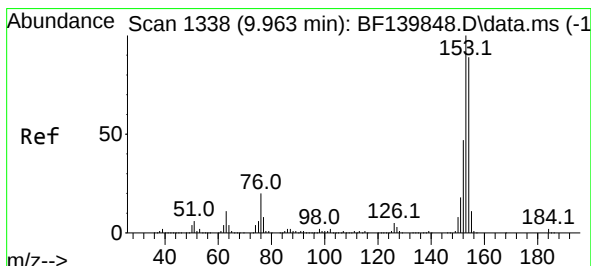
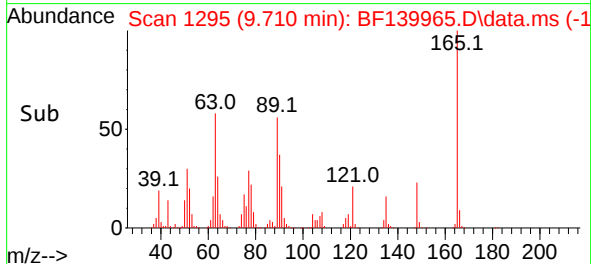
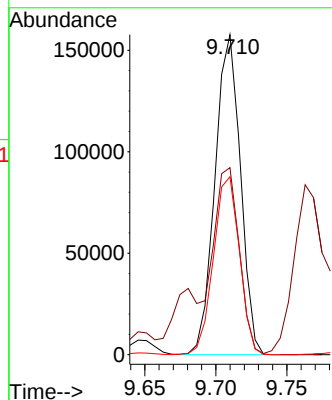
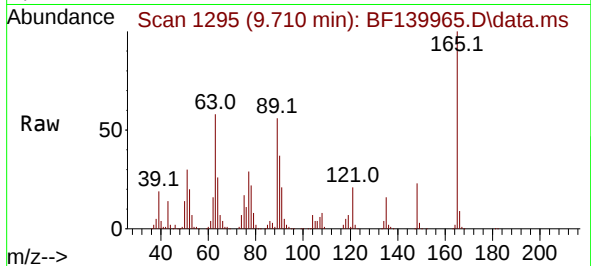




#51  
2,6-Dinitrotoluene  
Concen: 42.888 ng  
RT: 9.710 min Scan# 1295  
Delta R.T. 0.000 min  
Lab File: BF139965.D  
Acq: 23 Oct 2024 15:30

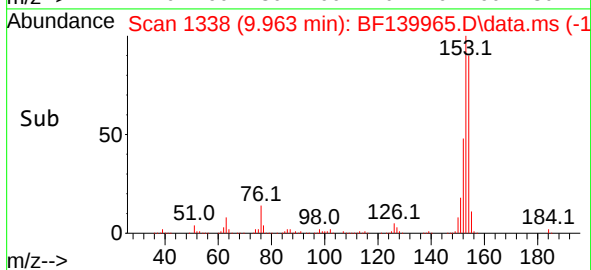
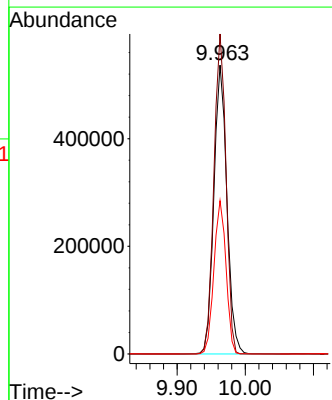
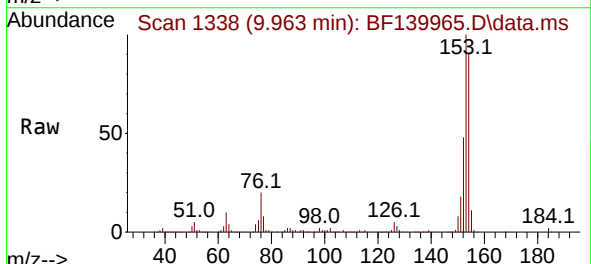
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

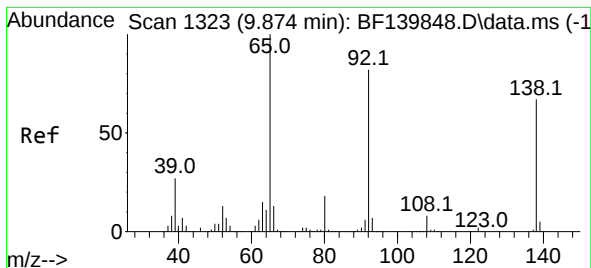
Tgt Ion:165 Resp: 196730  
Ion Ratio Lower Upper  
165 100  
63 58.4 50.6 75.8  
89 55.6 47.5 71.3



#52  
Acenaphthene  
Concen: 40.088 ng  
RT: 9.963 min Scan# 1338  
Delta R.T. 0.000 min  
Lab File: BF139965.D  
Acq: 23 Oct 2024 15:30

Tgt Ion:154 Resp: 714969  
Ion Ratio Lower Upper  
154 100  
153 110.8 89.8 134.6  
152 53.1 42.4 63.6





#53

3-Nitroaniline

Concen: 41.975 ng

RT: 9.875 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

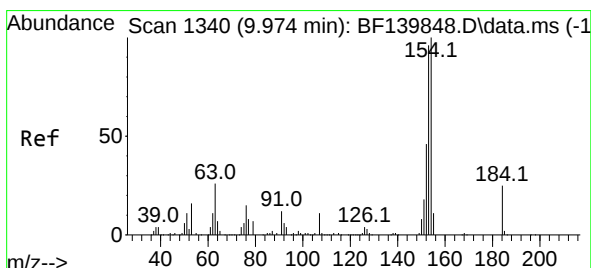
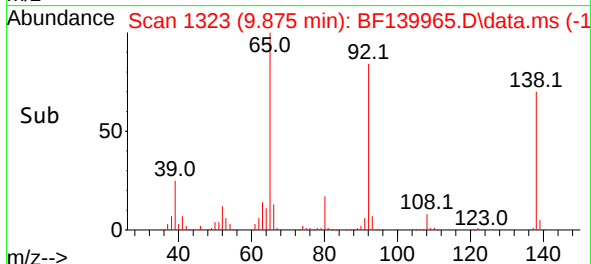
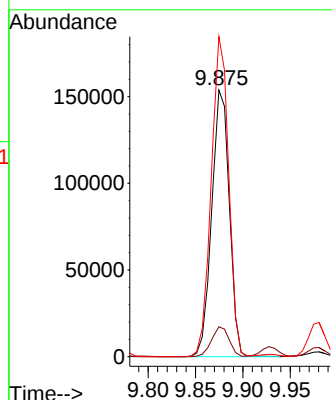
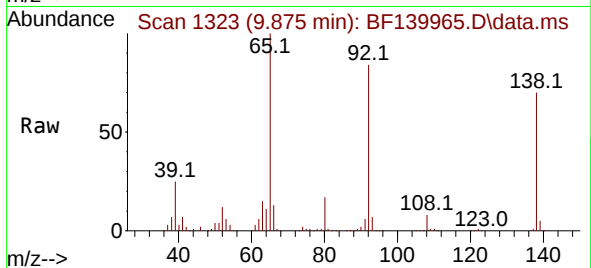
Tgt Ion:138 Resp: 198559

Ion Ratio Lower Upper

138 100

108 11.3 10.2 15.2

92 120.1 98.3 147.5



#54

2,4-Dinitrophenol

Concen: 52.057 ng

RT: 9.981 min Scan# 1341

Delta R.T. 0.007 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

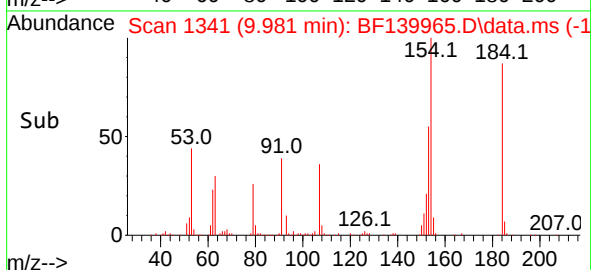
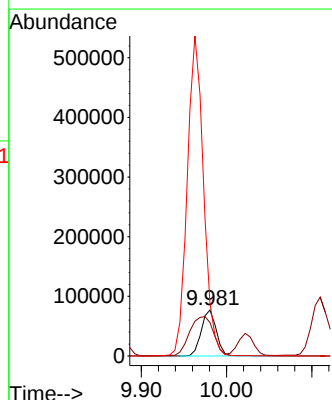
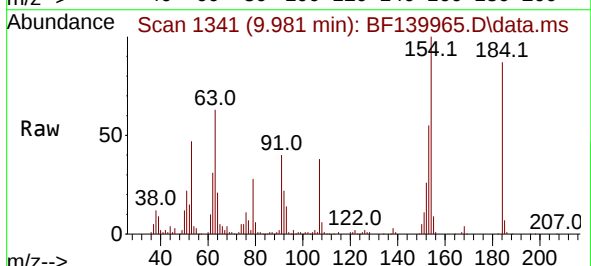
Tgt Ion:184 Resp: 94482

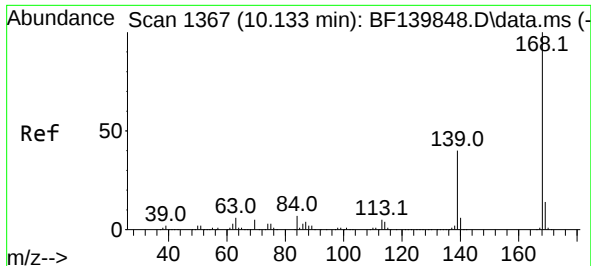
Ion Ratio Lower Upper

184 100

63 72.8 84.7 127.1#

154 115.3 338.2 507.2#

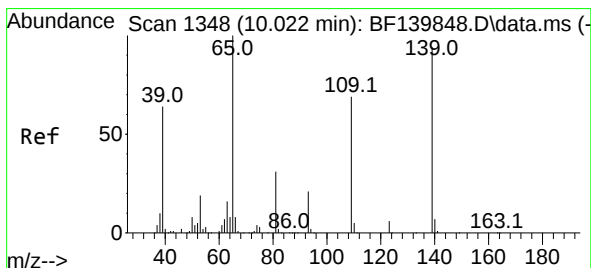
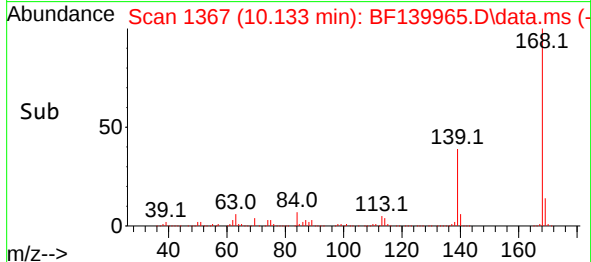
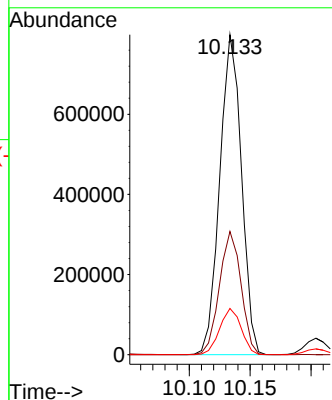
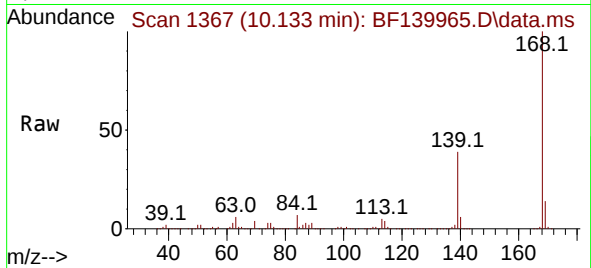




#55  
Dibenzenofuran  
Concen: 38.748 ng  
RT: 10.133 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF139965.D  
Acq: 23 Oct 2024 15:30

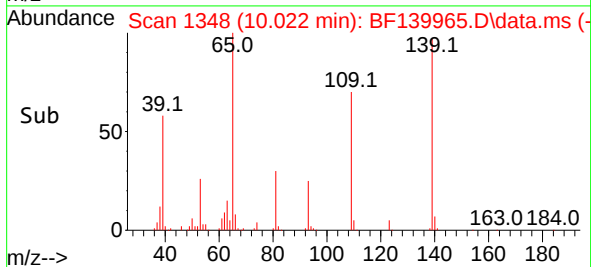
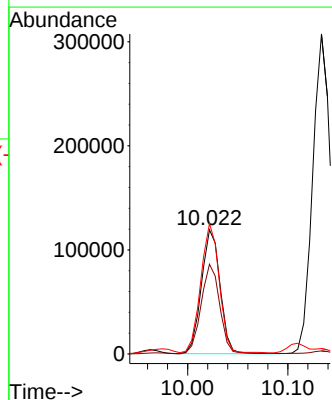
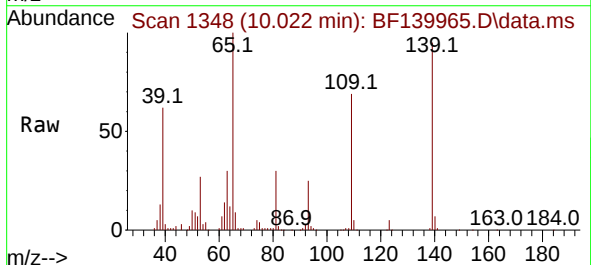
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

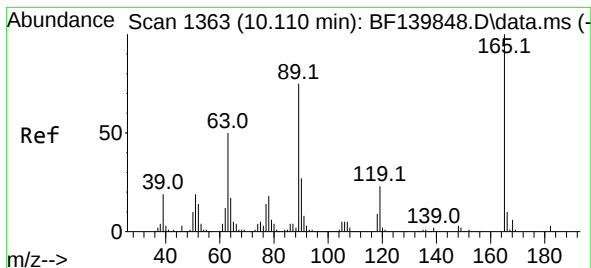
Tgt Ion:168 Resp: 991506  
Ion Ratio Lower Upper  
168 100  
139 38.5 31.8 47.6  
169 14.5 11.6 17.4



#56  
4-Nitrophenol  
Concen: 42.690 ng  
RT: 10.022 min Scan# 1348  
Delta R.T. 0.000 min  
Lab File: BF139965.D  
Acq: 23 Oct 2024 15:30

Tgt Ion:139 Resp: 155364  
Ion Ratio Lower Upper  
139 100  
109 72.3 53.6 93.6  
65 105.2 87.8 127.8

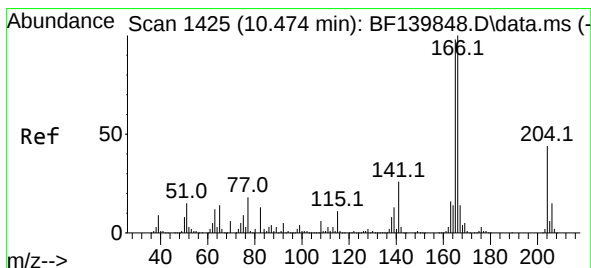
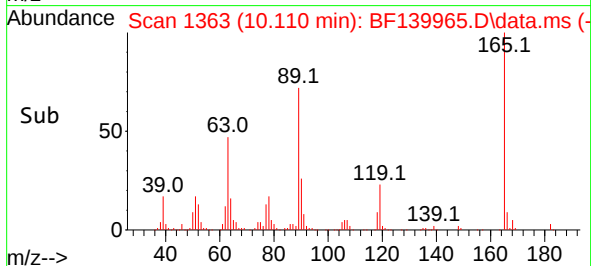
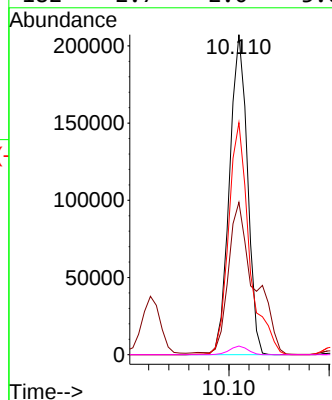
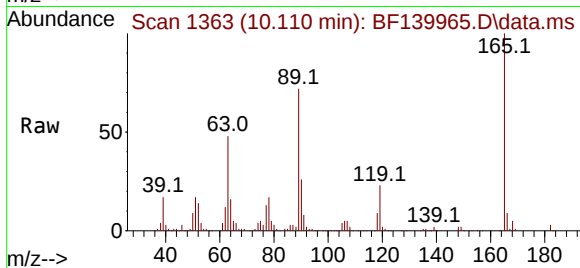




#57  
2,4-Dinitrotoluene  
Concen: 45.716 ng  
RT: 10.110 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF139965.D  
Acq: 23 Oct 2024 15:30

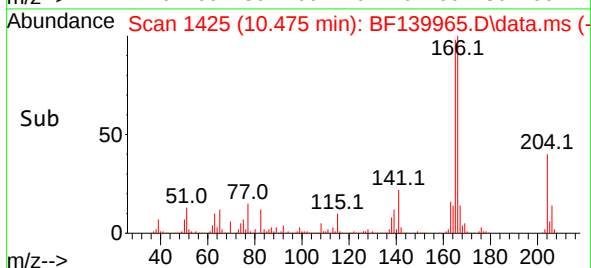
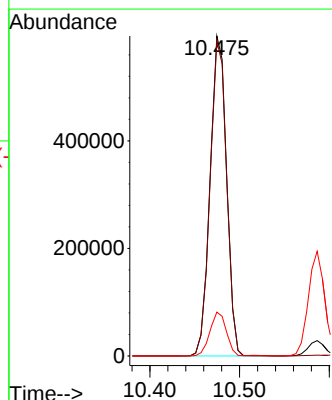
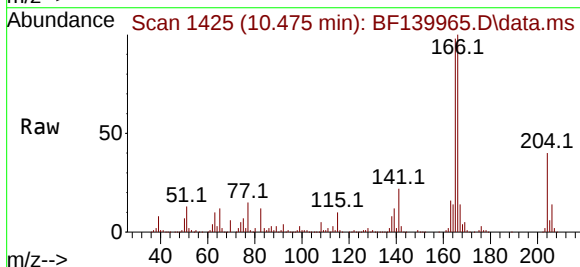
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

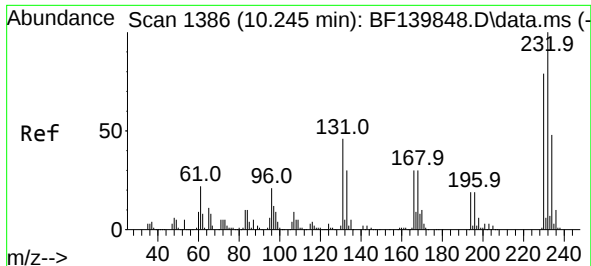
Tgt Ion:165 Resp: 257878  
Ion Ratio Lower Upper  
165 100  
63 47.6 40.1 60.1  
89 72.5 60.4 90.6  
182 2.7 2.0 3.0



#58  
Fluorene  
Concen: 39.027 ng  
RT: 10.475 min Scan# 1425  
Delta R.T. 0.000 min  
Lab File: BF139965.D  
Acq: 23 Oct 2024 15:30

Tgt Ion:166 Resp: 760625  
Ion Ratio Lower Upper  
166 100  
165 98.4 78.5 117.7  
167 13.7 10.9 16.3

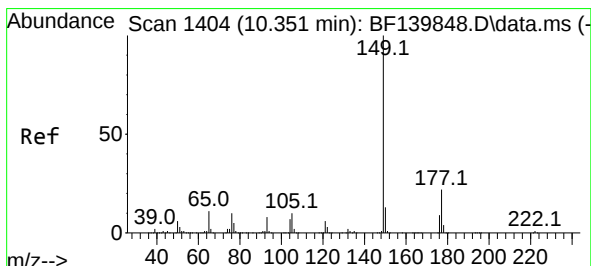
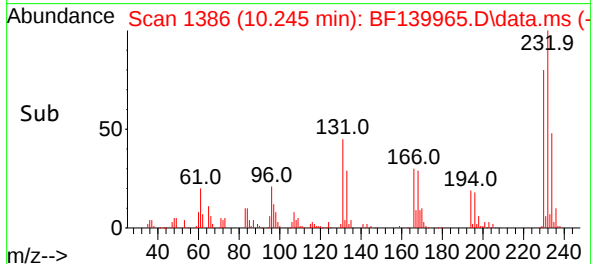
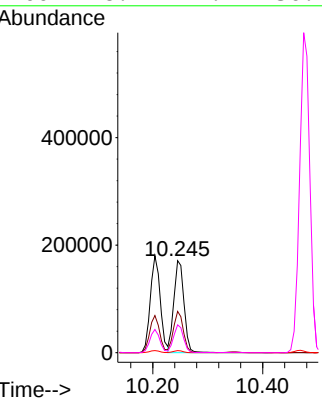
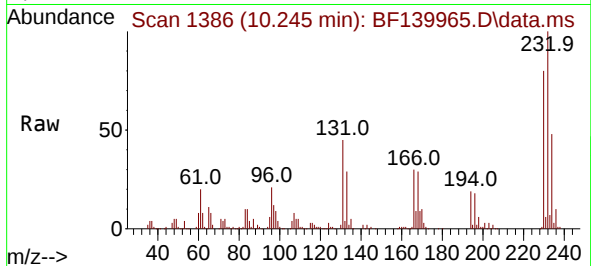




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 41.916 ng  
RT: 10.245 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF139965.D  
Acq: 23 Oct 2024 15:30

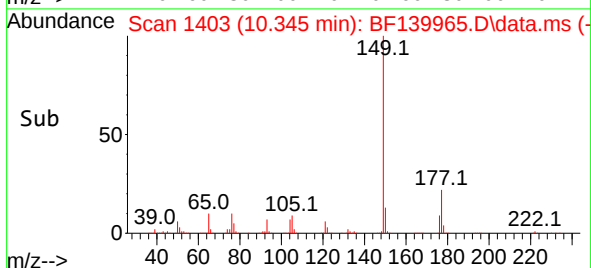
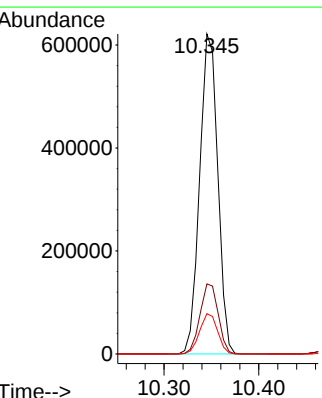
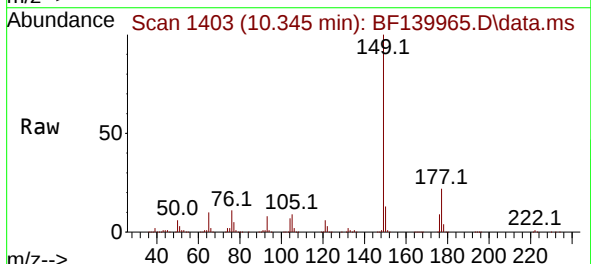
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

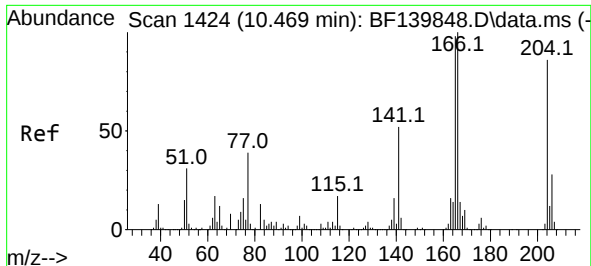
Tgt Ion:232 Resp: 220241  
Ion Ratio Lower Upper  
232 100  
131 43.2 37.0 55.6  
130 2.1 1.9 2.9  
166 28.9 24.2 36.2



#60  
Diethylphthalate  
Concen: 39.586 ng  
RT: 10.345 min Scan# 1403  
Delta R.T. -0.006 min  
Lab File: BF139965.D  
Acq: 23 Oct 2024 15:30

Tgt Ion:149 Resp: 823444  
Ion Ratio Lower Upper  
149 100  
177 21.9 17.9 26.9  
150 12.6 10.1 15.1

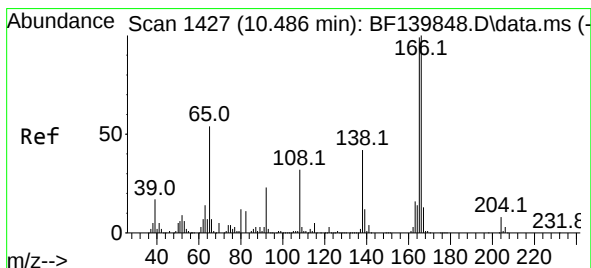
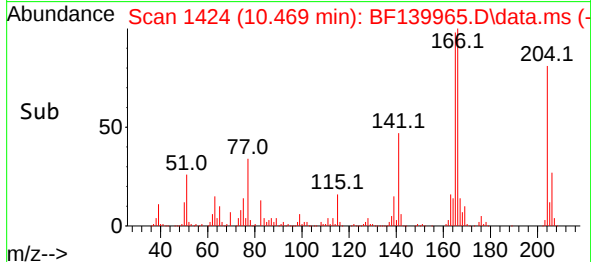
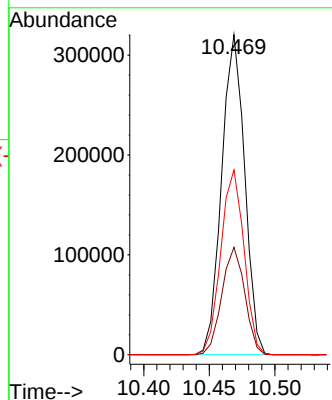
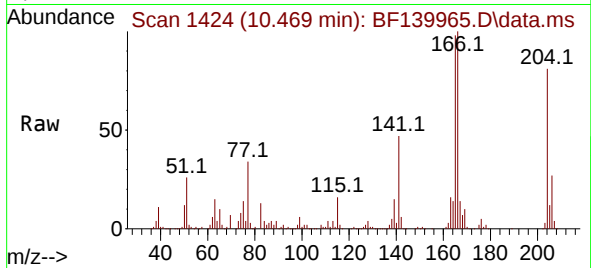




#61  
4-Chlorophenyl-phenylether  
Concen: 39.685 ng  
RT: 10.469 min Scan# 1424  
Delta R.T. 0.000 min  
Lab File: BF139965.D  
Acq: 23 Oct 2024 15:30

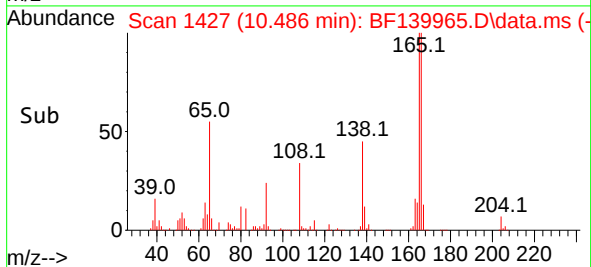
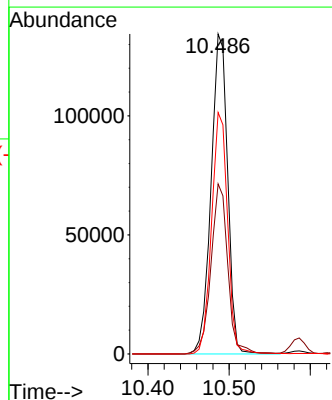
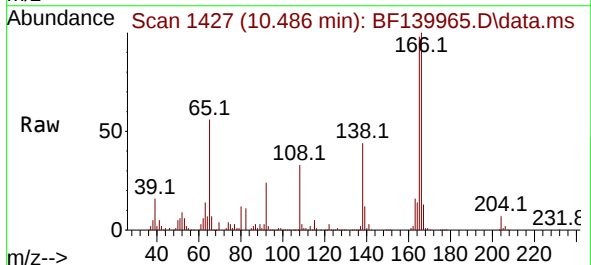
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

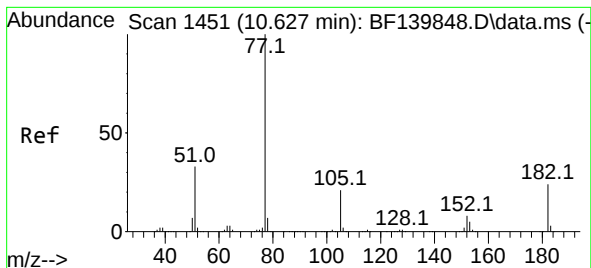
Tgt Ion:204 Resp: 390596  
Ion Ratio Lower Upper  
204 100  
206 33.6 26.3 39.5  
141 57.7 48.6 73.0



#62  
4-Nitroaniline  
Concen: 42.606 ng  
RT: 10.486 min Scan# 1427  
Delta R.T. 0.000 min  
Lab File: BF139965.D  
Acq: 23 Oct 2024 15:30

Tgt Ion:138 Resp: 190350  
Ion Ratio Lower Upper  
138 100  
92 53.2 35.7 75.7  
108 75.4 57.5 97.5





#63

Azobenzene

Concen: 37.820 ng

RT: 10.628 min Scan# 1451

Delta R.T. 0.000 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 834020

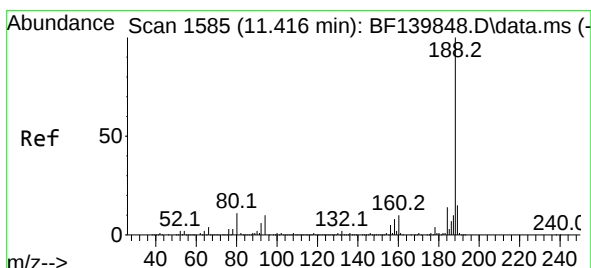
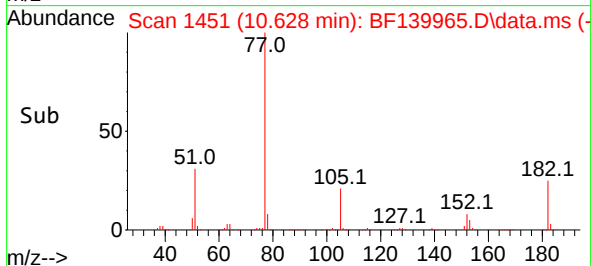
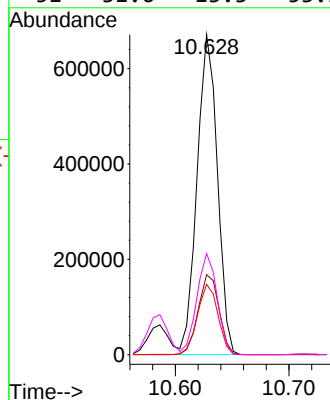
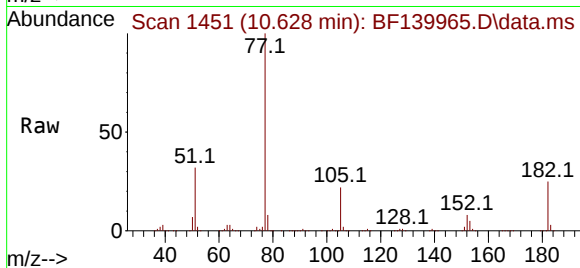
Ion Ratio Lower Upper

77 100

182 25.0 3.3 43.3

105 22.0 1.2 41.2

51 31.6 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: BF139965.D

Acq: 23 Oct 2024 15:30

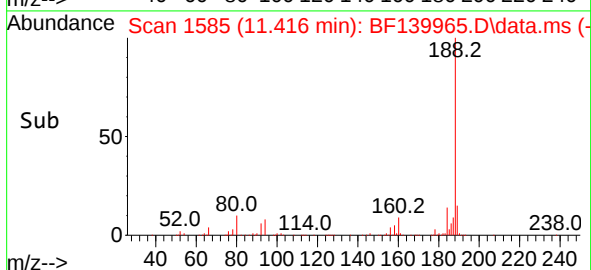
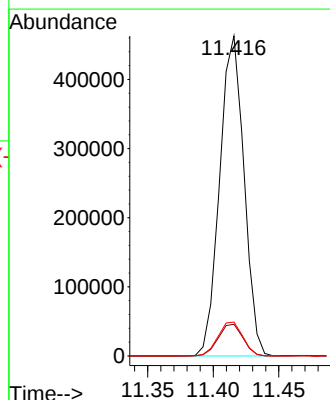
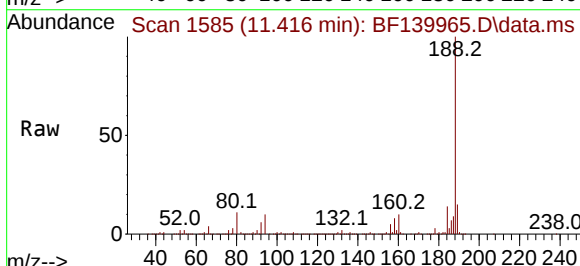
Tgt Ion:188 Resp: 597021

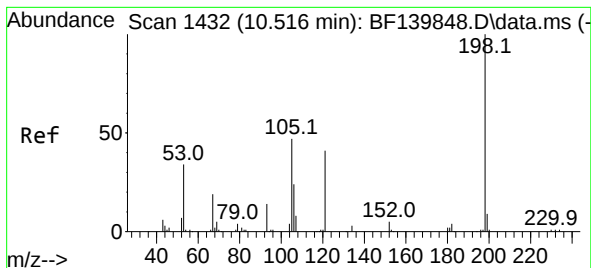
Ion Ratio Lower Upper

188 100

94 9.9 7.9 11.9

80 10.6 9.0 13.4

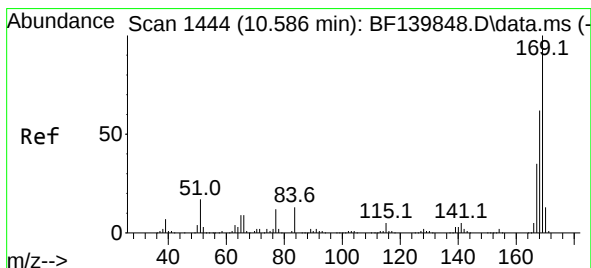
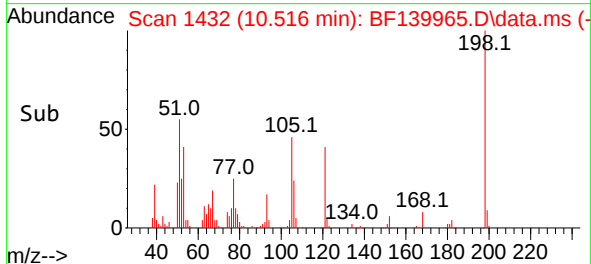
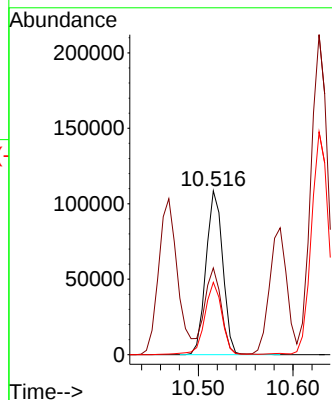
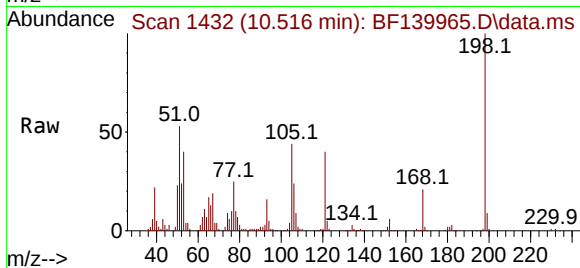




#65  
4,6-Dinitro-2-methylphenol  
Concen: 54.698 ng  
RT: 10.516 min Scan# 1432  
Delta R.T. -0.000 min  
Lab File: BF139965.D  
Acq: 23 Oct 2024 15:30

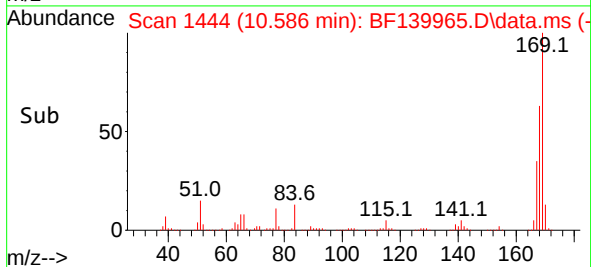
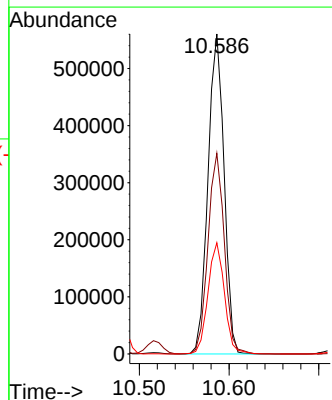
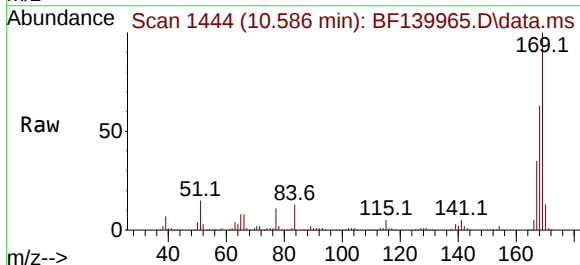
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

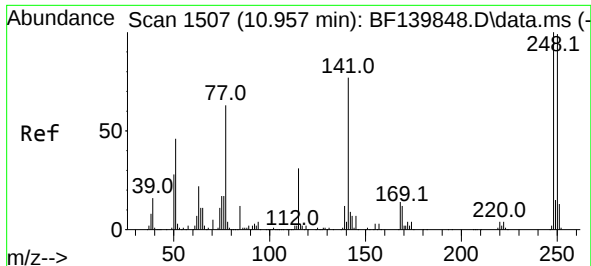
Tgt Ion:198 Resp: 133203  
Ion Ratio Lower Upper  
198 100  
51 52.9 38.2 78.2  
105 44.2 27.9 67.9



#66  
n-Nitrosodiphenylamine  
Concen: 38.988 ng  
RT: 10.586 min Scan# 1444  
Delta R.T. 0.000 min  
Lab File: BF139965.D  
Acq: 23 Oct 2024 15:30

Tgt Ion:169 Resp: 696657  
Ion Ratio Lower Upper  
169 100  
168 62.7 49.8 74.6  
167 34.7 28.0 42.0

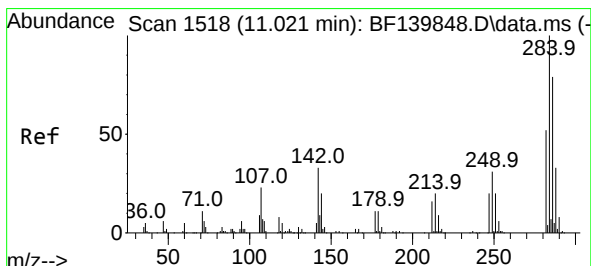
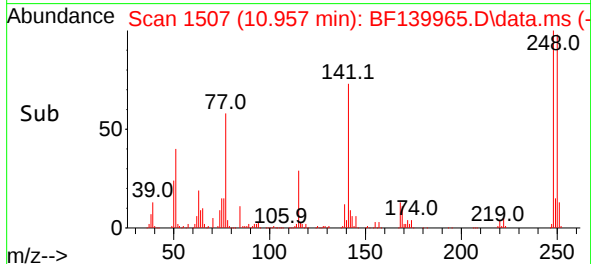
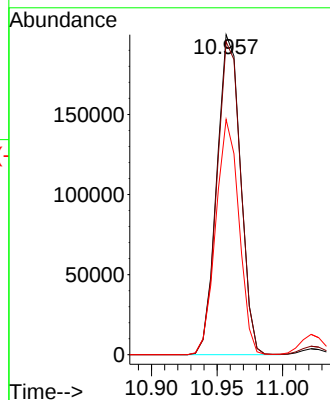
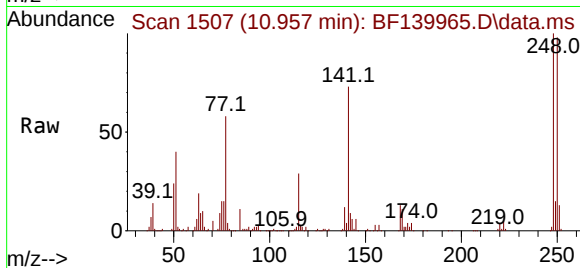




#67  
4-Bromophenyl-phenylether  
Concen: 40.878 ng  
RT: 10.957 min Scan# 1507  
Delta R.T. 0.000 min  
Lab File: BF139965.D  
Acq: 23 Oct 2024 15:30

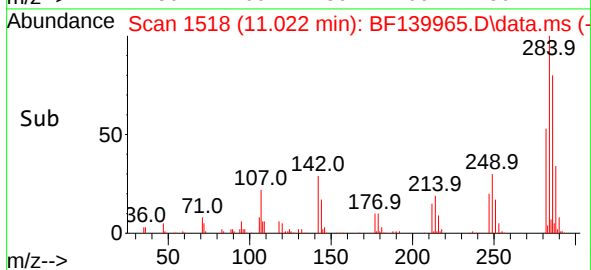
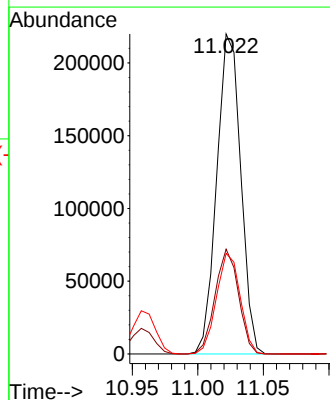
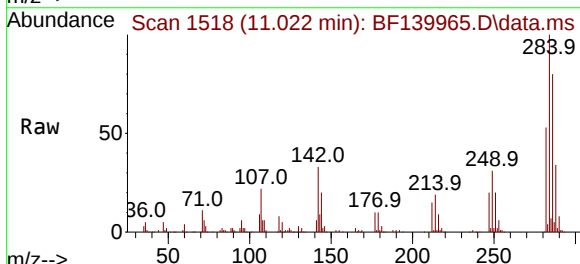
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

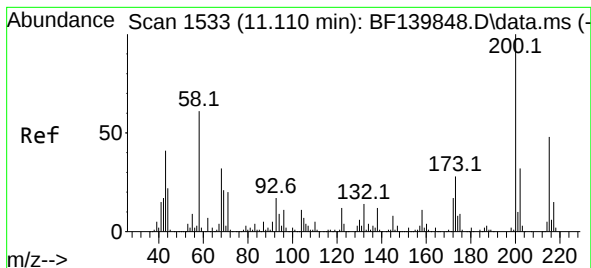
Tgt Ion:248 Resp: 251419  
Ion Ratio Lower Upper  
248 100  
250 97.8 79.0 118.6  
141 73.5 61.7 92.5



#68  
Hexachlorobenzene  
Concen: 40.396 ng  
RT: 11.022 min Scan# 1518  
Delta R.T. 0.000 min  
Lab File: BF139965.D  
Acq: 23 Oct 2024 15:30

Tgt Ion:284 Resp: 279424  
Ion Ratio Lower Upper  
284 100  
142 32.8 26.9 40.3  
249 31.5 25.3 37.9





#69

Atrazine

Concen: 40.949 ng

RT: 11.110 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

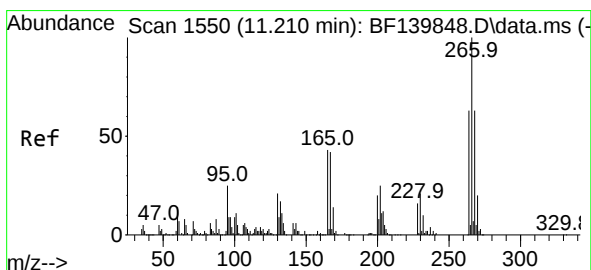
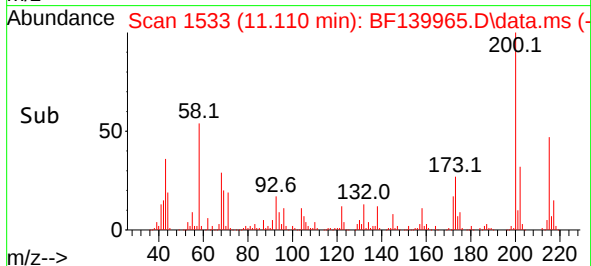
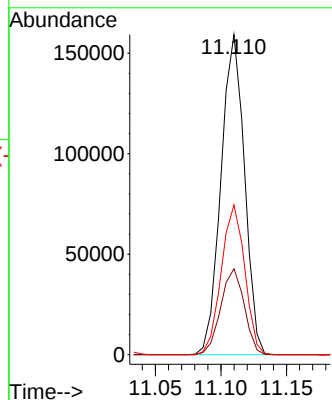
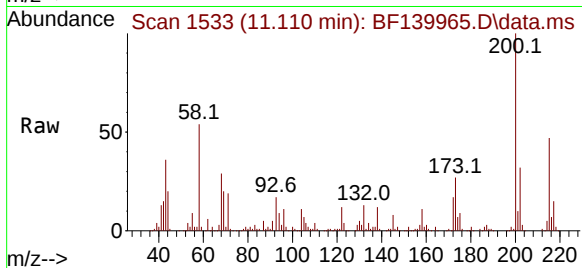
Tgt Ion:200 Resp: 198207

Ion Ratio Lower Upper

200 100

173 26.9 7.7 47.7

215 46.7 27.7 67.7



#70

Pentachlorophenol

Concen: 44.591 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

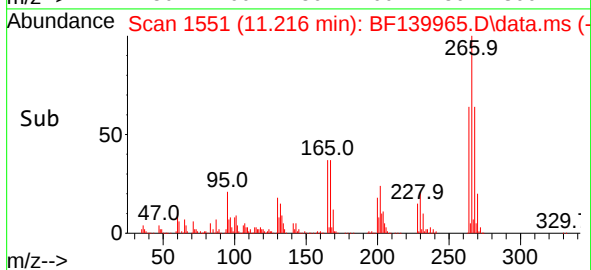
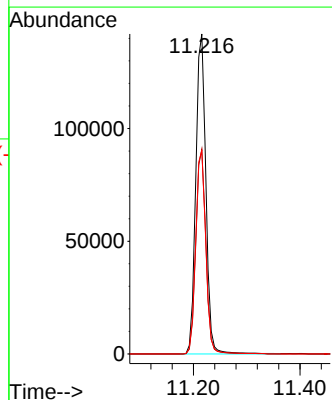
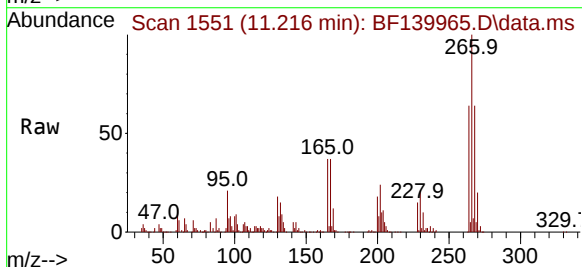
Tgt Ion:266 Resp: 187195

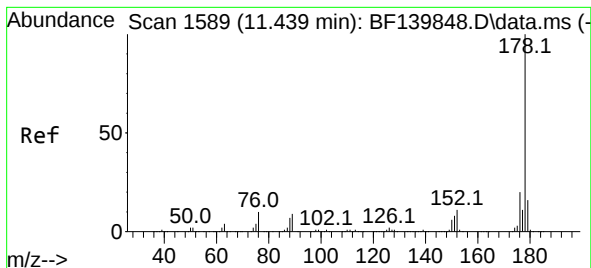
Ion Ratio Lower Upper

266 100

268 63.9 50.4 75.6

264 63.7 50.6 75.8





#71

Phenanthrene

Concen: 38.958 ng

RT: 11.439 min Scan# 1589

Delta R.T. 0.000 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

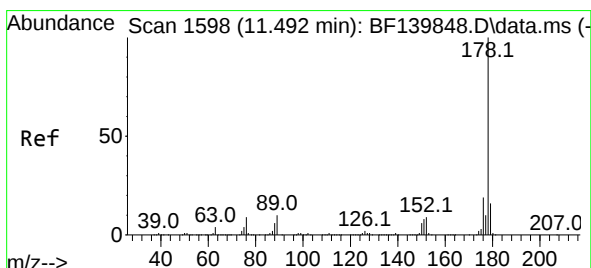
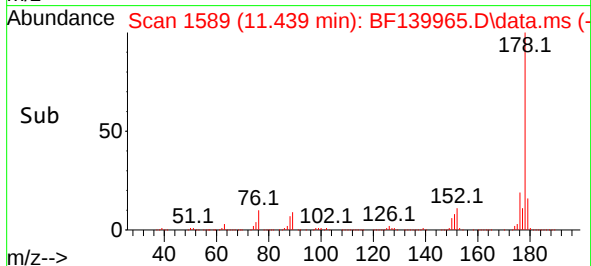
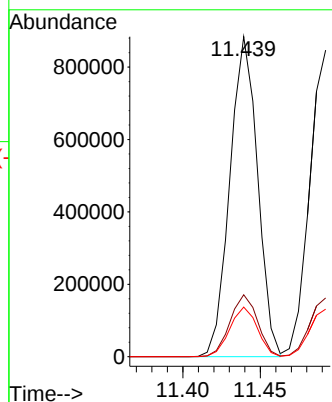
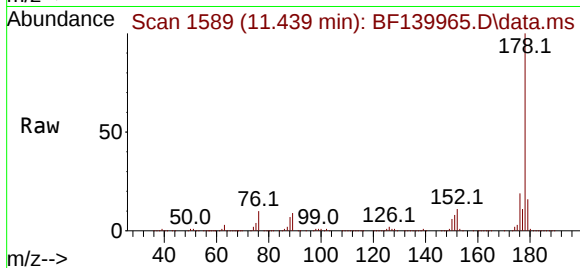
Tgt Ion:178 Resp: 1098645

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.6

179 15.5 12.6 18.8



#72

Anthracene

Concen: 38.790 ng

RT: 11.492 min Scan# 1598

Delta R.T. 0.000 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

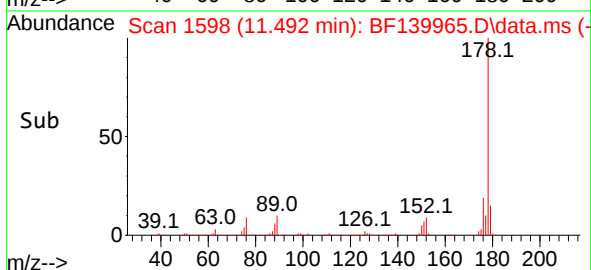
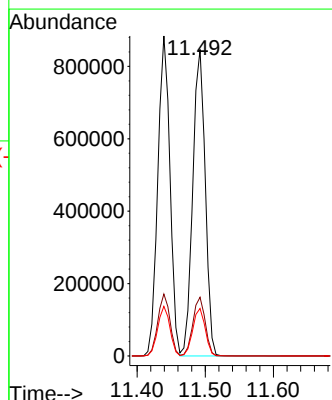
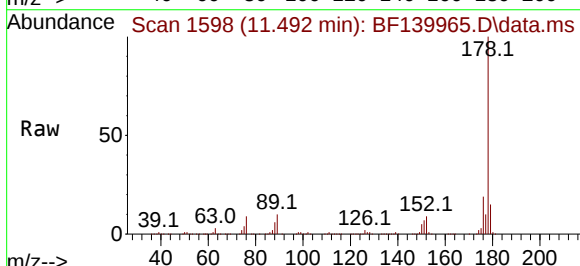
Tgt Ion:178 Resp: 1067309

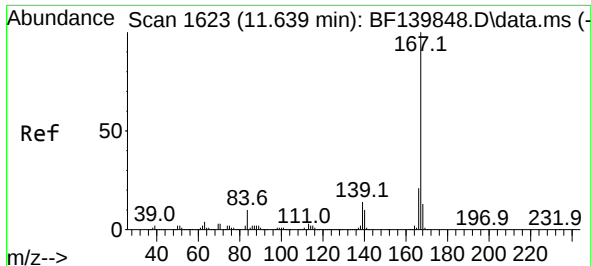
Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

179 15.5 12.4 18.6

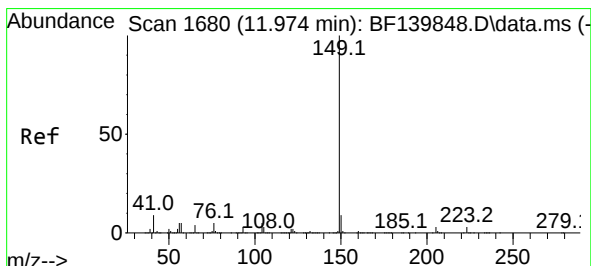
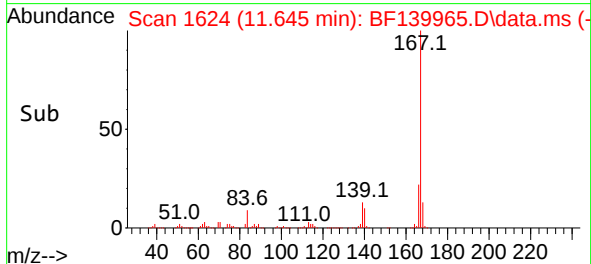
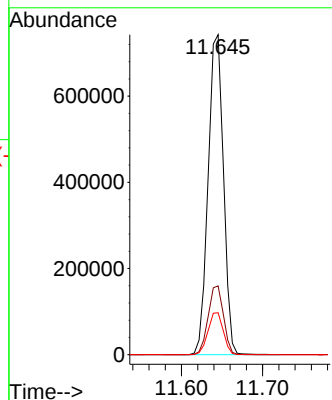
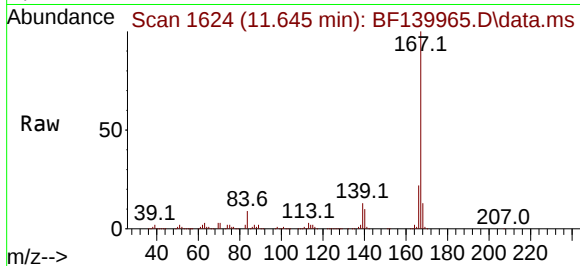




#73  
Carbazole  
Concen: 38.049 ng  
RT: 11.645 min Scan# 1624  
Delta R.T. 0.006 min  
Lab File: BF139965.D  
Acq: 23 Oct 2024 15:30

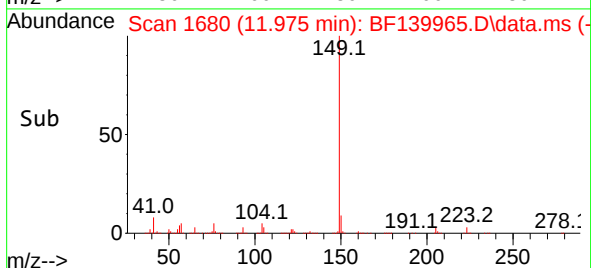
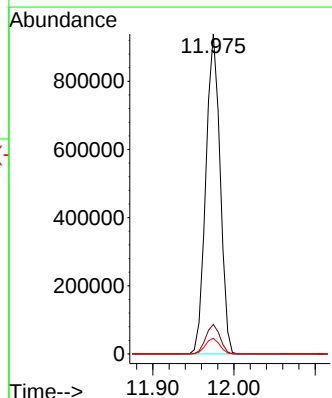
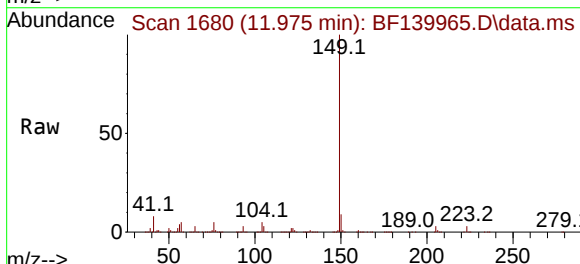
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

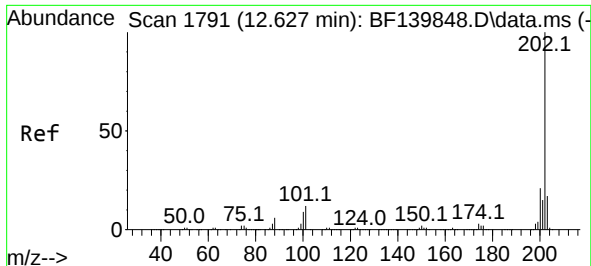
Tgt Ion:167 Resp: 973648  
Ion Ratio Lower Upper  
167 100  
166 21.5 17.0 25.6  
139 13.1 10.8 16.2



#74  
Di-n-butylphthalate  
Concen: 38.625 ng  
RT: 11.975 min Scan# 1680  
Delta R.T. 0.000 min  
Lab File: BF139965.D  
Acq: 23 Oct 2024 15:30

Tgt Ion:149 Resp: 1141943  
Ion Ratio Lower Upper  
149 100  
150 9.2 7.5 11.3  
104 4.9 4.1 6.1

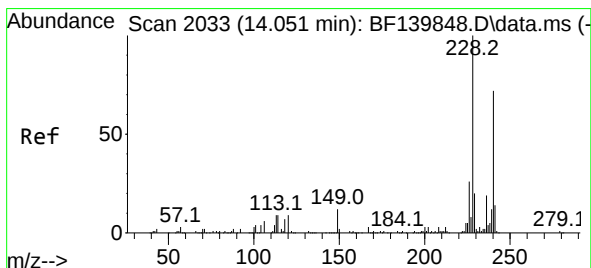
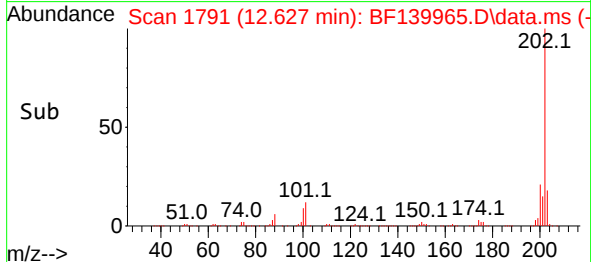
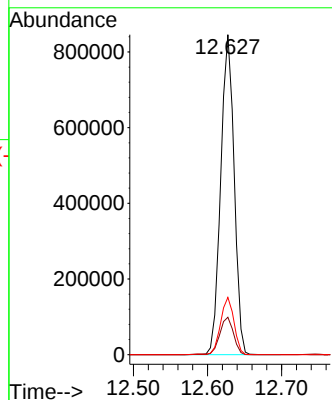
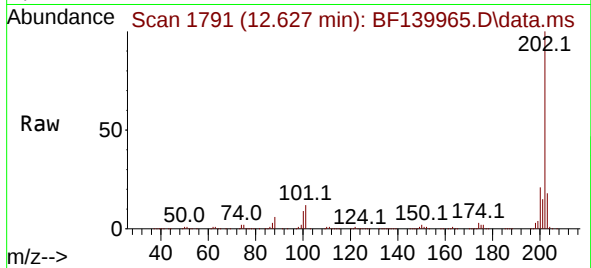




#75  
Fluoranthene  
Concen: 37.408 ng  
RT: 12.627 min Scan# 1791  
Delta R.T. 0.000 min  
Lab File: BF139965.D  
Acq: 23 Oct 2024 15:30

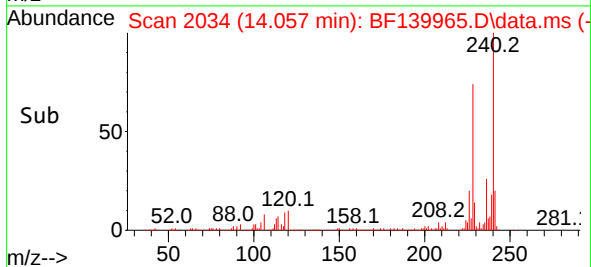
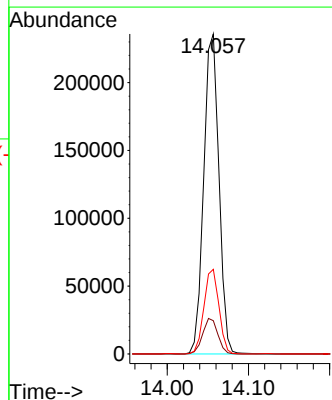
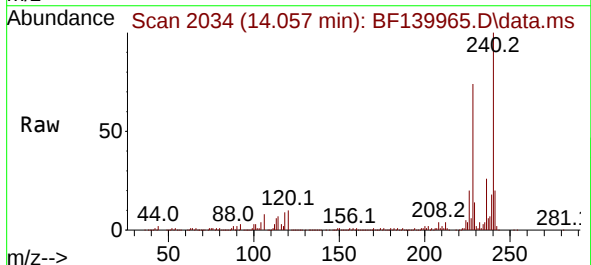
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

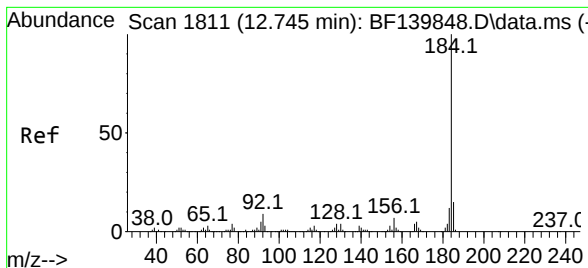
Tgt Ion:202 Resp: 1066456  
Ion Ratio Lower Upper  
202 100  
101 11.7 0.0 31.9  
203 17.9 0.0 37.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.057 min Scan# 2034  
Delta R.T. 0.006 min  
Lab File: BF139965.D  
Acq: 23 Oct 2024 15:30

Tgt Ion:240 Resp: 306092  
Ion Ratio Lower Upper  
240 100  
120 10.4 9.4 14.2  
236 26.5 20.9 31.3





#77

Benzidine

Concen: 62.699 ng

RT: 12.745 min Scan# 1811

Delta R.T. 0.000 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

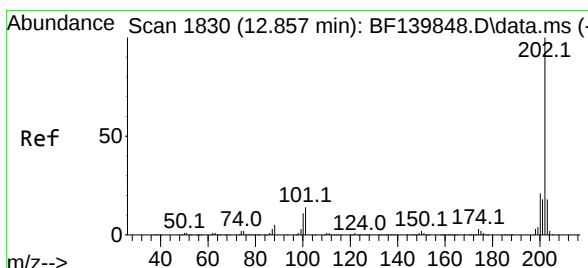
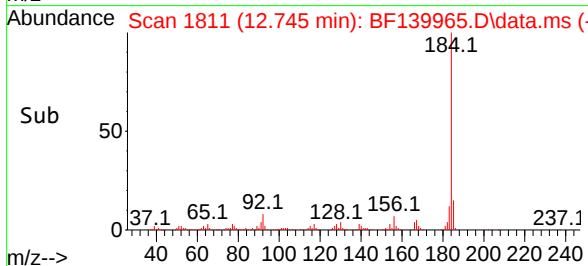
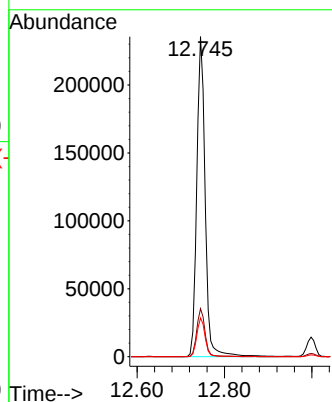
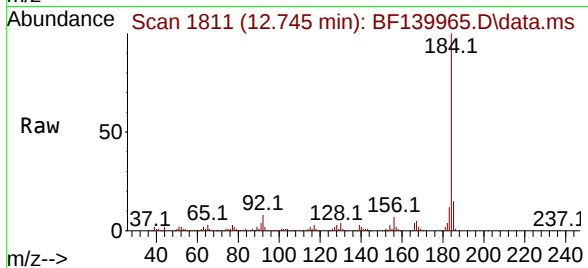
Tgt Ion:184 Resp: 315575

Ion Ratio Lower Upper

184 100

185 15.0 12.0 18.0

183 12.1 9.4 14.2



#78

Pyrene

Concen: 39.552 ng

RT: 12.857 min Scan# 1830

Delta R.T. 0.000 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

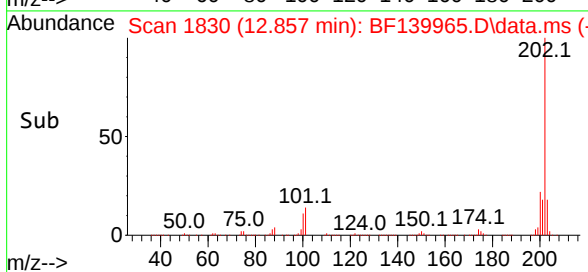
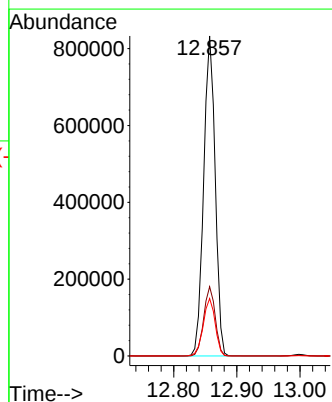
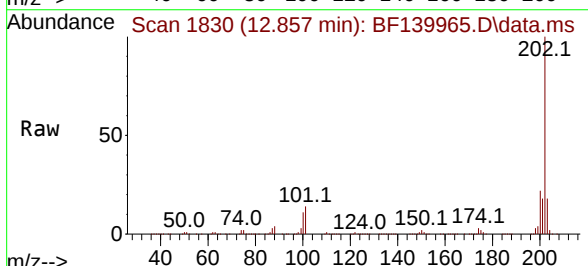
Tgt Ion:202 Resp: 1059713

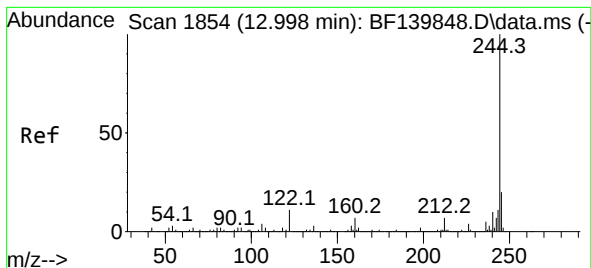
Ion Ratio Lower Upper

202 100

200 21.7 17.2 25.8

203 18.0 14.2 21.4

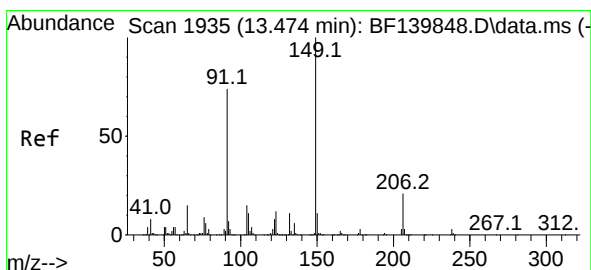
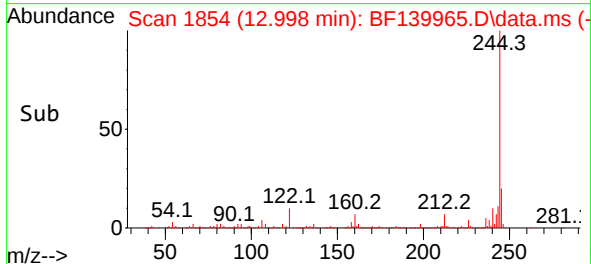
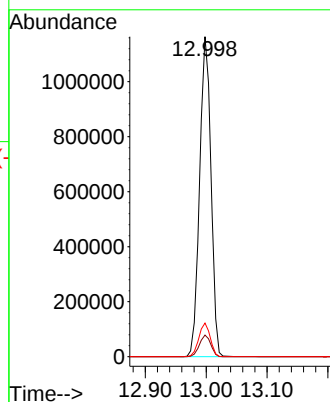
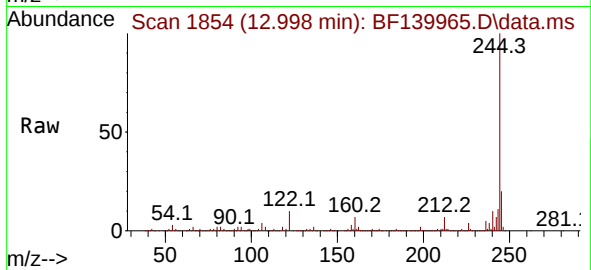




#79  
Terphenyl-d14  
Concen: 80.002 ng  
RT: 12.998 min Scan# 1854  
Delta R.T. 0.000 min  
Lab File: BF139965.D  
Acq: 23 Oct 2024 15:30

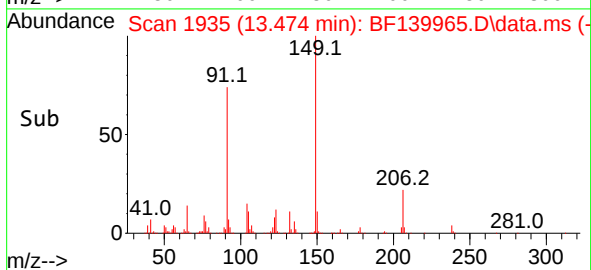
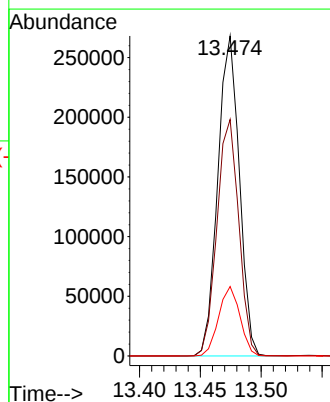
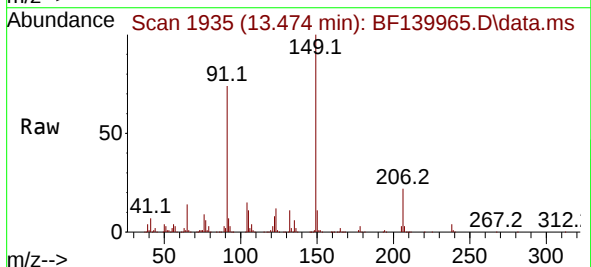
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

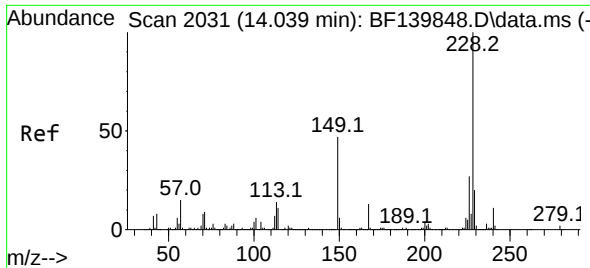
Tgt Ion:244 Resp: 1502801  
Ion Ratio Lower Upper  
244 100  
212 6.7 5.7 8.5  
122 10.5 8.6 13.0



#80  
Butylbenzylphthalate  
Concen: 41.146 ng  
RT: 13.474 min Scan# 1935  
Delta R.T. 0.000 min  
Lab File: BF139965.D  
Acq: 23 Oct 2024 15:30

Tgt Ion:149 Resp: 330514  
Ion Ratio Lower Upper  
149 100  
91 73.9 59.4 89.2  
206 21.7 16.4 24.6

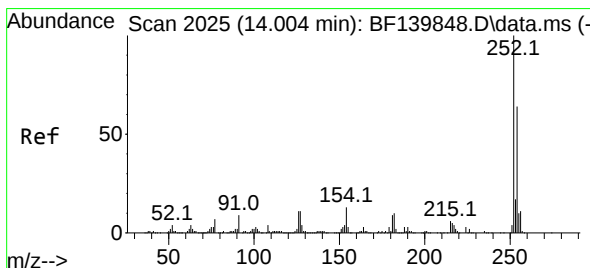
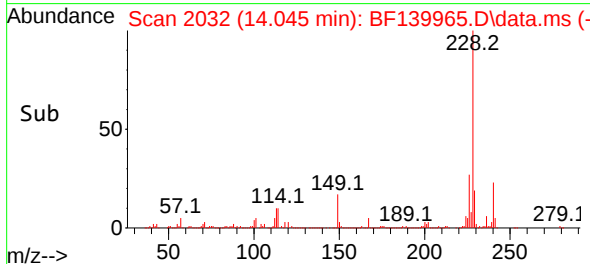
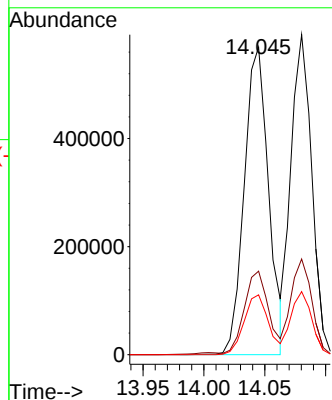
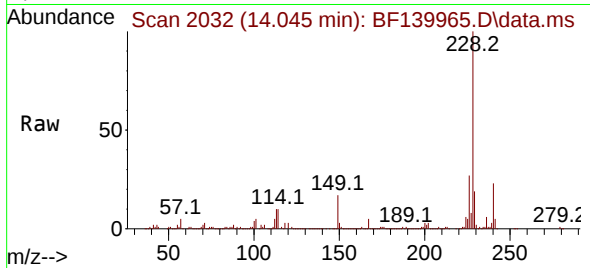




#81  
Benzo(a)anthracene  
Concen: 39.712 ng  
RT: 14.045 min Scan# 2031  
Delta R.T. 0.006 min  
Lab File: BF139965.D  
Acq: 23 Oct 2024 15:30

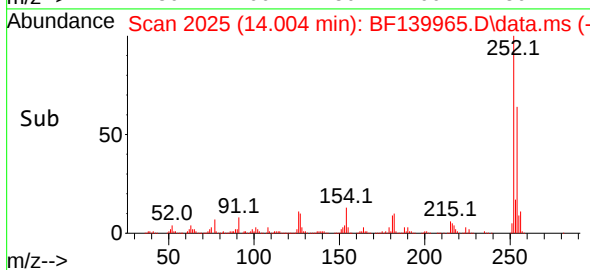
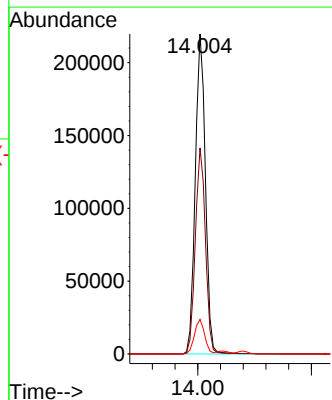
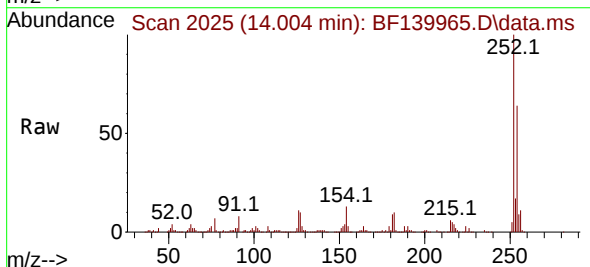
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

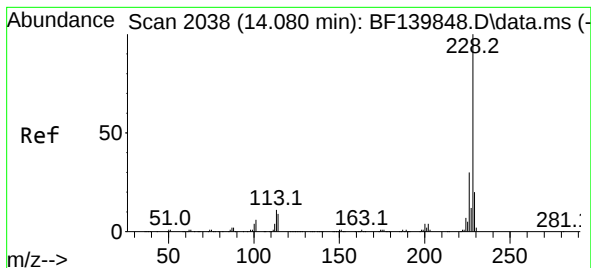
Tgt Ion:228 Resp: 791290  
Ion Ratio Lower Upper  
228 100  
226 27.1 21.6 32.4  
229 19.4 16.1 24.1



#82  
3,3'-Dichlorobenzidine  
Concen: 47.107 ng  
RT: 14.004 min Scan# 2025  
Delta R.T. 0.000 min  
Lab File: BF139965.D  
Acq: 23 Oct 2024 15:30

Tgt Ion:252 Resp: 273674  
Ion Ratio Lower Upper  
252 100  
254 64.4 50.8 76.2  
126 10.8 8.9 13.3





#83

Chrysene

Concen: 38.777 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

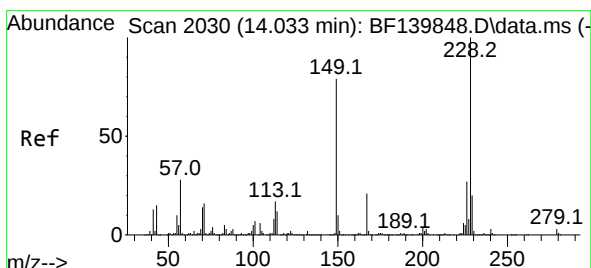
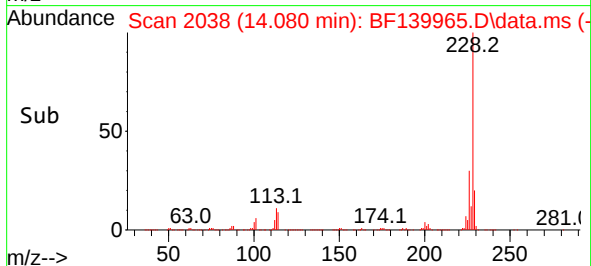
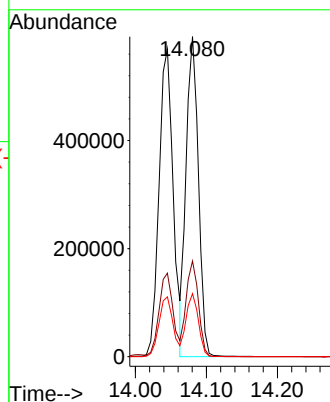
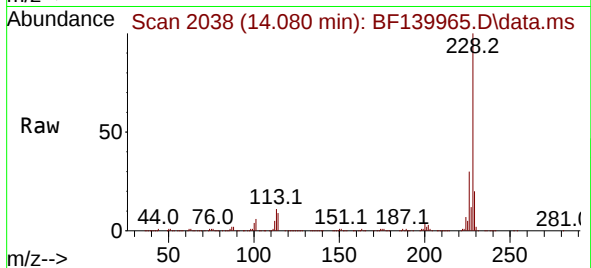
Tgt Ion:228 Resp: 708425

Ion Ratio Lower Upper

228 100

226 29.9 24.1 36.1

229 19.7 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.227 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

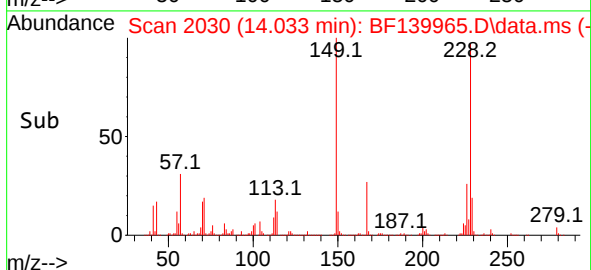
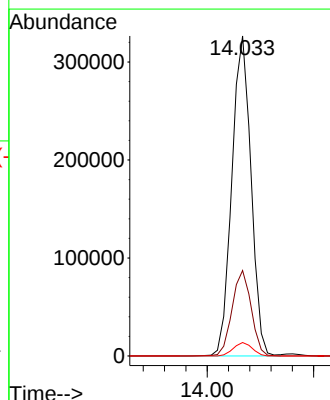
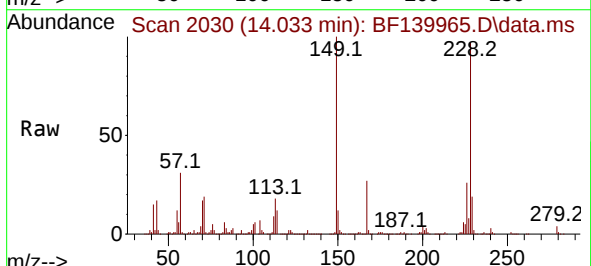
Tgt Ion:149 Resp: 407600

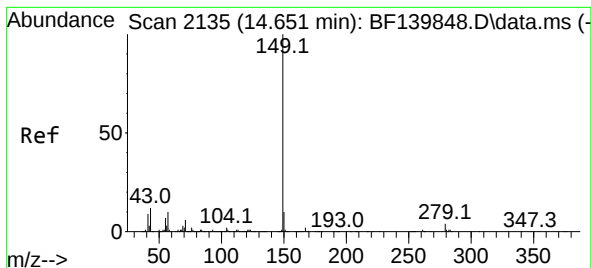
Ion Ratio Lower Upper

149 100

167 26.7 21.4 32.0

279 4.2 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 44.726 ng

RT: 14.645 min Scan# 2134

Delta R.T. -0.006 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

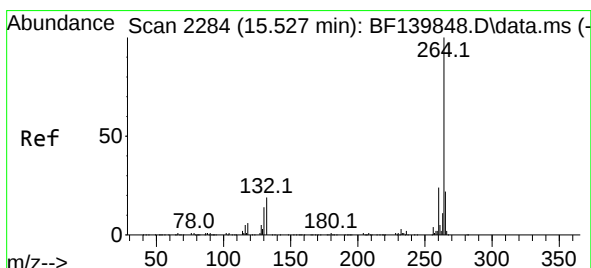
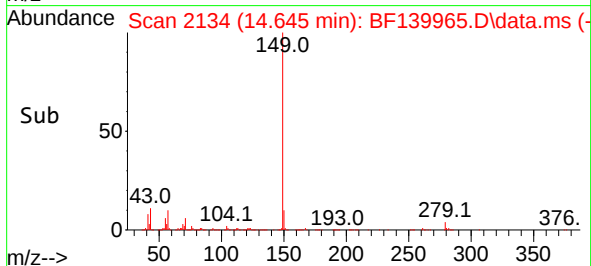
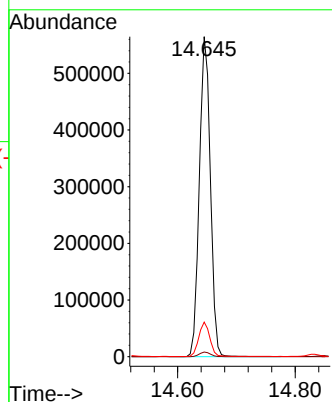
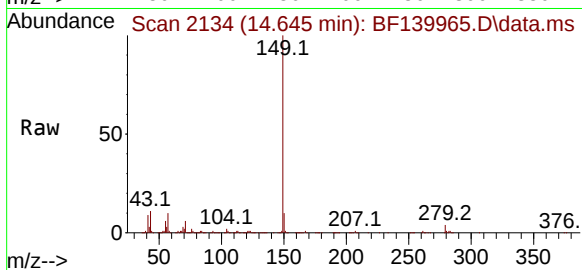
Tgt Ion:149 Resp: 733157

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.8 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2285

Delta R.T. 0.006 min

Lab File: BF139965.D

Acq: 23 Oct 2024 15:30

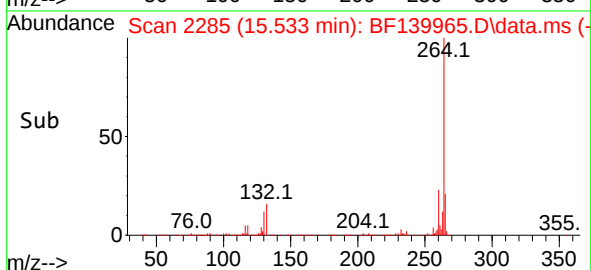
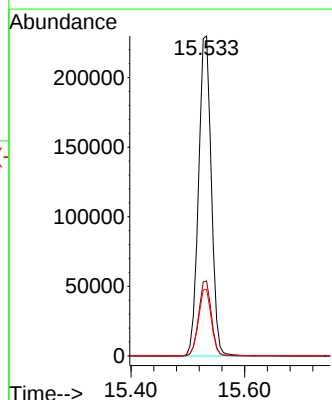
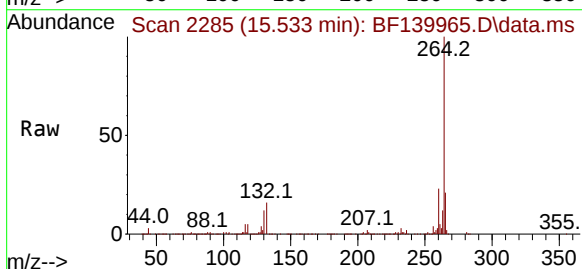
Tgt Ion:264 Resp: 358871

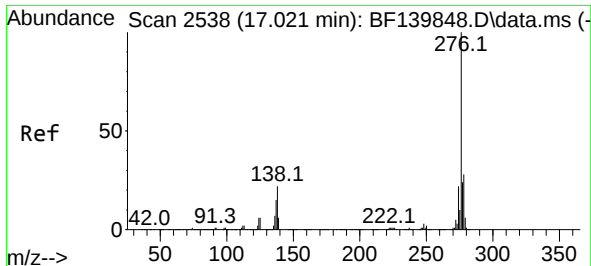
Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.2

265 20.8 17.4 26.0

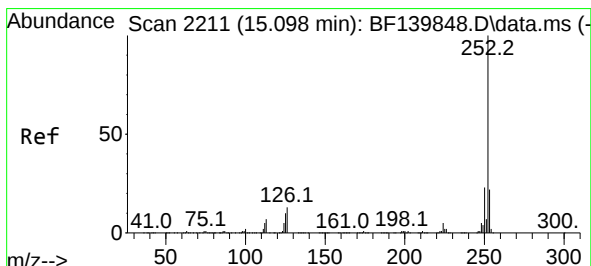
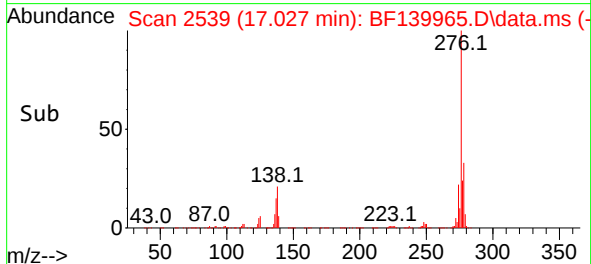
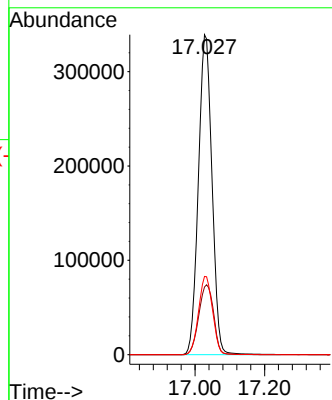
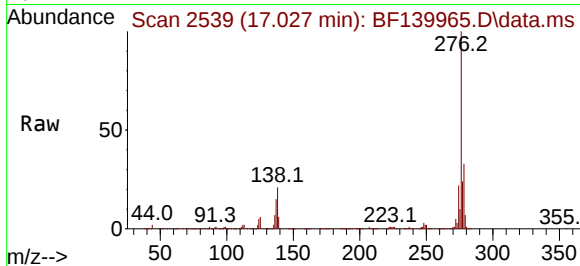




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 39.805 ng  
RT: 17.027 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BF139965.D  
Acq: 23 Oct 2024 15:30

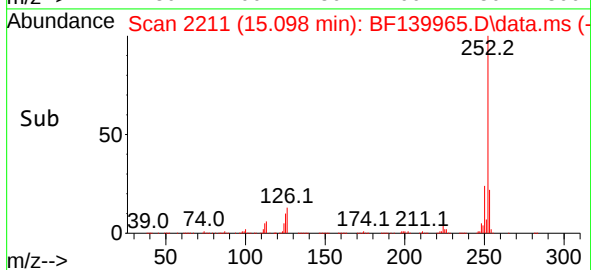
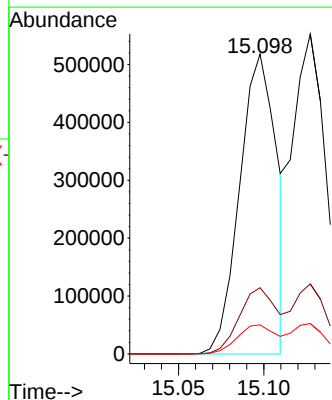
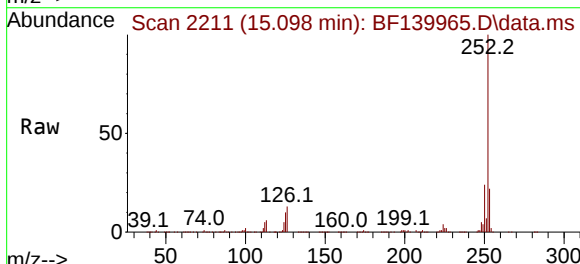
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

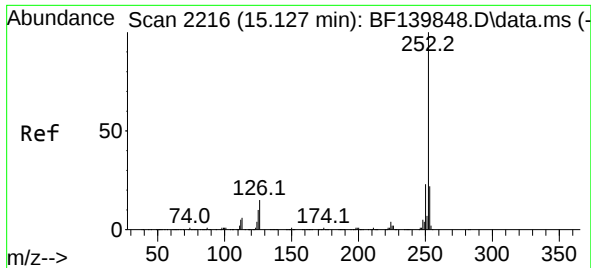
Tgt Ion:276 Resp: 918984  
Ion Ratio Lower Upper  
276 100  
138 23.8 20.4 30.6  
277 25.2 20.2 30.4



#88  
Benzo(b)fluoranthene  
Concen: 35.551 ng  
RT: 15.098 min Scan# 2211  
Delta R.T. 0.000 min  
Lab File: BF139965.D  
Acq: 23 Oct 2024 15:30

Tgt Ion:252 Resp: 777166  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.6 26.4  
125 9.7 7.9 11.9

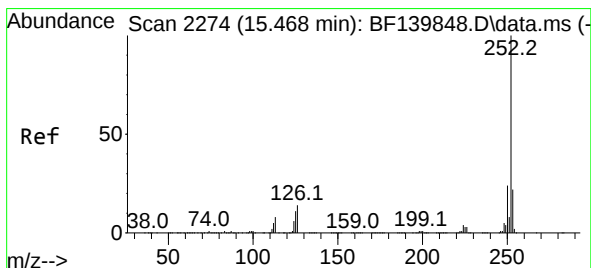
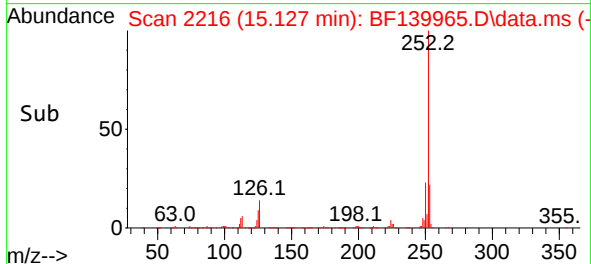
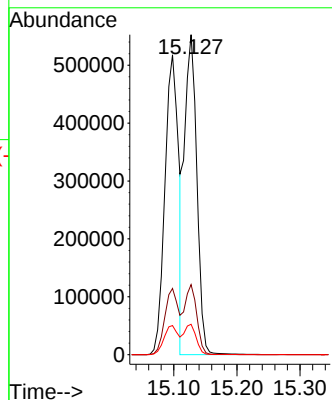
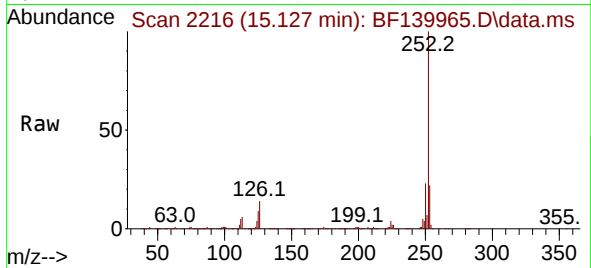




#89  
Benzo(k)fluoranthene  
Concen: 39.905 ng  
RT: 15.127 min Scan# 2216  
Delta R.T. 0.000 min  
Lab File: BF139965.D  
Acq: 23 Oct 2024 15:30

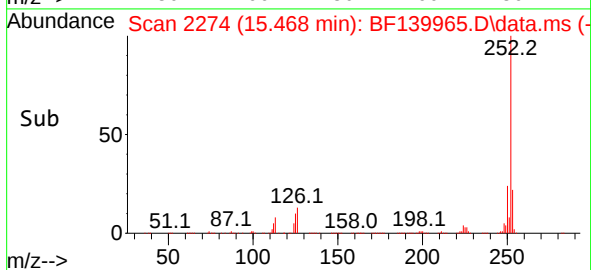
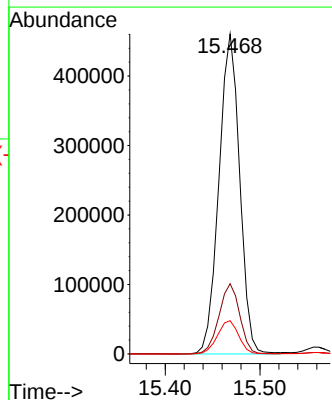
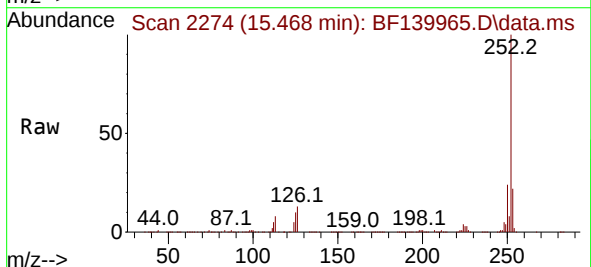
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

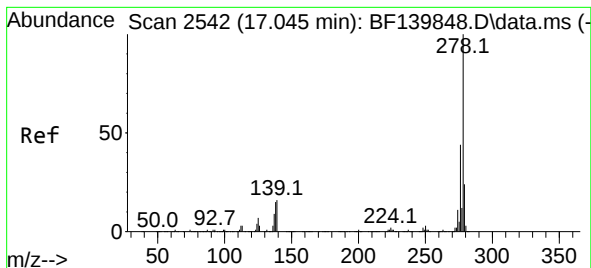
Tgt Ion:252 Resp: 752337  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.6 26.4  
125 9.5 7.9 11.9



#90  
Benzo(a)pyrene  
Concen: 39.029 ng  
RT: 15.468 min Scan# 2274  
Delta R.T. 0.000 min  
Lab File: BF139965.D  
Acq: 23 Oct 2024 15:30

Tgt Ion:252 Resp: 702054  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.3 25.9  
125 10.4 8.7 13.1



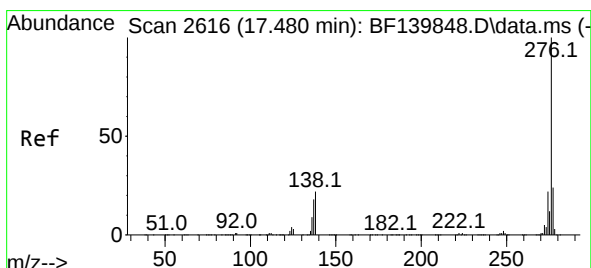
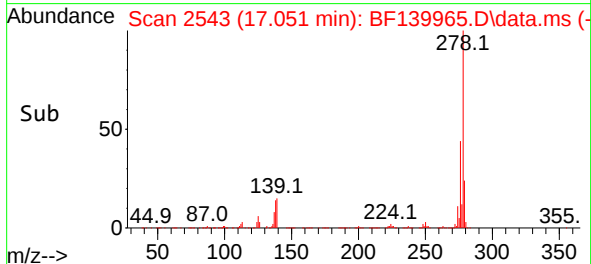
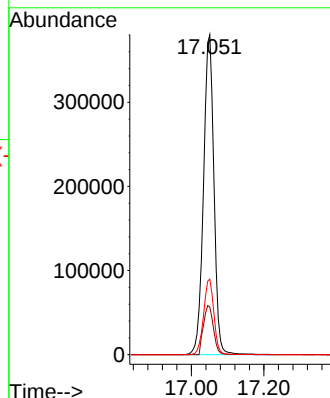
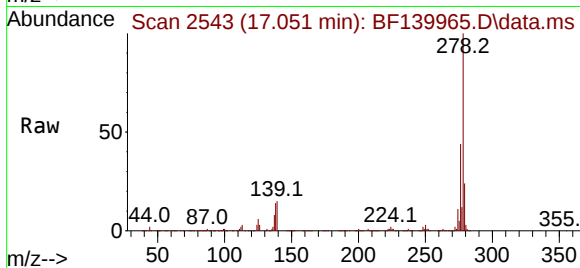


#91  
Dibenzo(a,h)anthracene  
Concen: 39.504 ng  
RT: 17.051 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BF139965.D  
Acq: 23 Oct 2024 15:30

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:278 Resp: 760841  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 14.9  | 13.1  | 19.7  |
| 279 | 23.6  | 19.0  | 28.4  |



#92  
Benzo(g,h,i)perylene  
Concen: 39.298 ng  
RT: 17.480 min Scan# 2616  
Delta R.T. 0.000 min  
Lab File: BF139965.D  
Acq: 23 Oct 2024 15:30

Tgt Ion:276 Resp: 756017  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 24.0  | 19.0  | 28.6  |
| 138 | 21.5  | 17.4  | 26.0  |

