

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF081324\  
 Data File : BF138965.D  
 Acq On : 13 Aug 2024 10:08  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Aug 13 11:45:55 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF073024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 30 17:50:01 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.839  | 152  | 46987    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.122  | 136  | 189694   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.875  | 164  | 108534   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.363 | 188  | 193718   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 13.998 | 240  | 93804    | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.462 | 264  | 93639    | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.469  | 112  | 241732   | 79.416 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.492  | 99   | 325552   | 79.661 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.410  | 82   | 329140   | 84.832 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.669 | 330  | 74564    | 83.870 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.198  | 172  | 596252   | 82.543 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.939 | 244  | 504053   | 89.966 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.587  | 88   | 47721    | 35.810 | ng    | 97       |
| 3) Pyridine                   | 3.346  | 79   | 115174   | 35.677 | ng    | 96       |
| 4) n-Nitrosodimethylamine     | 3.316  | 42   | 85416    | 44.426 | ng    | # 80     |
| 6) Aniline                    | 6.510  | 93   | 137097   | 37.616 | ng    | # 65     |
| 8) 2-Chlorophenol             | 6.634  | 128  | 127368   | 39.771 | ng    | 100      |
| 9) Benzaldehyde               | 6.398  | 77   | 90277    | 36.851 | ng    | 99       |
| 10) Phenol                    | 6.504  | 94   | 168509   | 39.162 | ng    | # 76     |
| 11) bis(2-Chloroethyl)ether   | 6.581  | 93   | 126683   | 38.259 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.781  | 146  | 142552   | 39.765 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.857  | 146  | 144375   | 39.907 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 7.010  | 146  | 139453   | 41.246 | ng    | 98       |
| 15) Benzyl Alcohol            | 6.992  | 79   | 126510   | 42.950 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.116  | 45   | 210772   | 36.988 | ng    | 66       |
| 17) 2-Methylphenol            | 7.104  | 107  | 104957   | 39.689 | ng    | # 91     |
| 18) Hexachloroethane          | 7.345  | 117  | 55102    | 40.463 | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 7.257  | 70   | 103190   | 41.806 | ng    | 97       |
| 20) 3+4-Methylphenols         | 7.263  | 107  | 143621   | 42.329 | ng    | # 81     |
| 22) Acetophenone              | 7.257  | 105  | 196063   | 42.213 | ng    | 96       |
| 24) Nitrobenzene              | 7.428  | 77   | 161626   | 40.938 | ng    | 99       |
| 25) Isophorone                | 7.663  | 82   | 271632   | 41.000 | ng    | 98       |
| 26) 2-Nitrophenol             | 7.745  | 139  | 69439    | 40.880 | ng    | 95       |
| 27) 2,4-Dimethylphenol        | 7.781  | 122  | 81769    | 40.235 | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.869  | 93   | 157086   | 38.936 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.992  | 162  | 107612   | 41.207 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.063  | 180  | 123977   | 41.137 | ng    | 99       |
| 31) Naphthalene               | 8.145  | 128  | 402596   | 40.320 | ng    | 100      |
| 32) Benzoic acid              | 7.934  | 122  | 41753    | 26.136 | ng    | 98       |
| 33) 4-Chloroaniline           | 8.198  | 127  | 128082   | 38.214 | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.251  | 225  | 80583    | 44.145 | ng    | 97       |
| 35) Caprolactam               | 8.581  | 113  | 33299    | 42.733 | ng    | 91       |
| 36) 4-Chloro-3-methylphenol   | 8.686  | 107  | 126700   | 42.452 | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.833  | 142  | 263939   | 41.855 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.933  | 142  | 258191   | 41.783 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 8.998  | 216  | 120374   | 39.926 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.980  | 237  | 22558    | 32.772 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.122  | 196  | 70499    | 38.351 | ng    | 100      |

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 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 30 17:50:01 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.169  | 196  | 77343    | 38.487 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.298  | 154  | 339171   | 39.901 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.322  | 162  | 250981   | 39.700 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.428  | 65   | 91268    | 42.585 | ng    | 95       |
| 49) Acenaphthylene            | 9.739  | 152  | 357198   | 39.838 | ng    | 100      |
| 50) Dimethylphthalate         | 9.598  | 163  | 291241   | 41.967 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.669  | 165  | 67281    | 42.959 | ng    | 87       |
| 52) Acenaphthene              | 9.910  | 154  | 238425   | 39.557 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.845  | 138  | 64317    | 39.724 | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 9.957  | 184  | 26906    | 37.319 | ng    | # 78     |
| 55) Dibenzofuran              | 10.080 | 168  | 349823   | 41.116 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.022 | 139  | 41207    | 42.323 | ng    | 87       |
| 57) 2,4-Dinitrotoluene        | 10.075 | 165  | 89344    | 44.712 | ng    | # 80     |
| 58) Fluorene                  | 10.422 | 166  | 291898   | 43.082 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.204 | 232  | 63795    | 41.523 | ng    | 97       |
| 60) Diethylphthalate          | 10.298 | 149  | 299444   | 45.507 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.410 | 204  | 144826   | 43.462 | ng    | 95       |
| 62) 4-Nitroaniline            | 10.457 | 138  | 63424    | 41.221 | ng    | 84       |
| 63) Azobenzene                | 10.575 | 77   | 306678   | 42.022 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 10.486 | 198  | 45307    | 38.336 | ng    | 91       |
| 66) n-Nitrosodiphenylamine    | 10.533 | 169  | 236601   | 39.074 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.904 | 248  | 81521    | 38.868 | ng    | 97       |
| 68) Hexachlorobenzene         | 10.969 | 284  | 85468    | 39.467 | ng    | 97       |
| 69) Atrazine                  | 11.063 | 200  | 64679    | 41.401 | ng    | 96       |
| 70) Pentachlorophenol         | 11.174 | 266  | 34309    | 35.149 | ng    | 98       |
| 71) Phenanthrene              | 11.386 | 178  | 399518   | 40.052 | ng    | 99       |
| 72) Anthracene                | 11.439 | 178  | 393434   | 40.037 | ng    | 100      |
| 73) Carbazole                 | 11.598 | 167  | 338647   | 39.944 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.916 | 149  | 448632   | 47.073 | ng    | 100      |
| 75) Fluoranthene              | 12.574 | 202  | 381687   | 40.988 | ng    | 98       |
| 77) Benzidine                 | 12.698 | 184  | 65303    | 29.106 | ng    | 98       |
| 78) Pyrene                    | 12.804 | 202  | 372704   | 42.200 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.410 | 149  | 132619   | 46.891 | ng    | 99       |
| 81) Benzo(a)anthracene        | 13.992 | 228  | 265759   | 41.142 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.951 | 252  | 67501    | 40.835 | ng    | 98       |
| 83) Chrysene                  | 14.027 | 228  | 230220   | 39.504 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.963 | 149  | 167488   | 40.442 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 14.574 | 149  | 266460   | 34.775 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 16.939 | 276  | 234418   | 34.933 | ng    | 96       |
| 88) Benzo(b)fluoranthene      | 15.039 | 252  | 239407   | 41.244 | ng    | 97       |
| 89) Benzo(k)fluoranthene      | 15.062 | 252  | 207707   | 41.328 | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.404 | 252  | 200130   | 40.989 | ng    | 97       |
| 91) Dibenzo(a,h)anthracene    | 16.945 | 278  | 191802   | 34.819 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.380 | 276  | 187222   | 32.753 | ng    | 97       |

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

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QLast Update : Tue Jul 30 17:50:01 2024  
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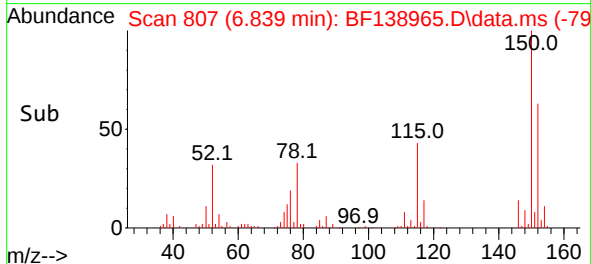
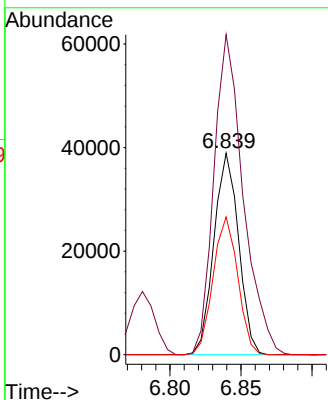
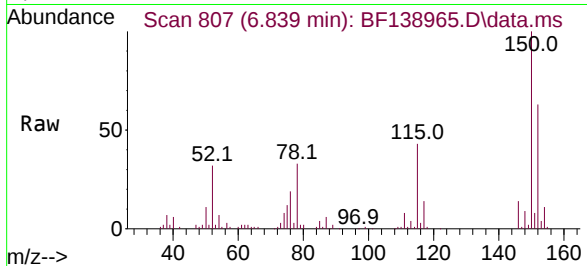




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.839 min Scan# 80  
 Delta R.T. -0.006 min  
 Lab File: BF138965.D  
 Acq: 13 Aug 2024 10:08

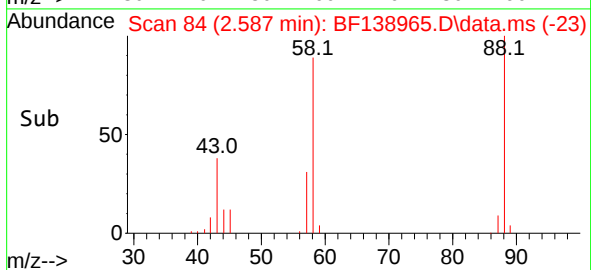
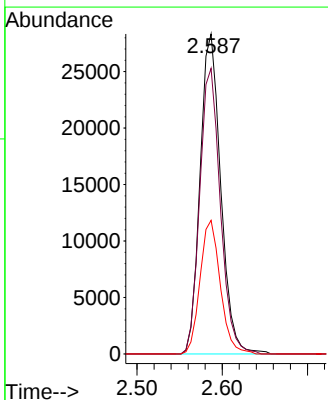
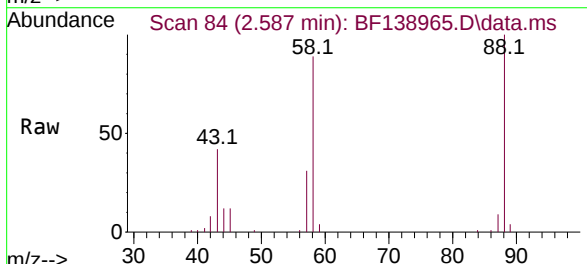
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:152 Resp: 46987  
 Ion Ratio Lower Upper  
 152 100  
 150 158.9 126.0 189.0  
 115 68.4 51.7 77.5



#2  
 1,4-Dioxane  
 Concen: 35.810 ng  
 RT: 2.587 min Scan# 84  
 Delta R.T. 0.012 min  
 Lab File: BF138965.D  
 Acq: 13 Aug 2024 10:08

Tgt Ion: 88 Resp: 47721  
 Ion Ratio Lower Upper  
 88 100  
 58 89.0 71.6 107.4  
 43 41.0 28.7 43.1





#3

Pyridine

Concen: 35.677 ng

RT: 3.346 min Scan# 211

Delta R.T. 0.012 min

Lab File: BF138965.D

Acq: 13 Aug 2024 10:08

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

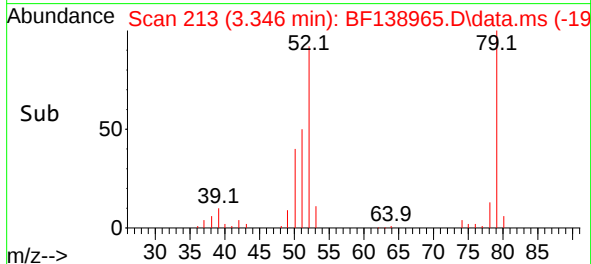
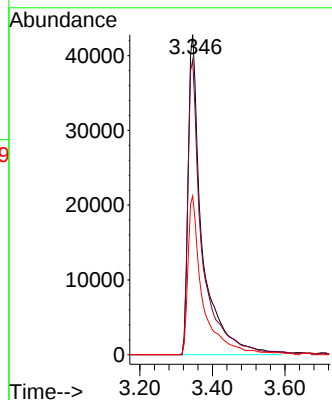
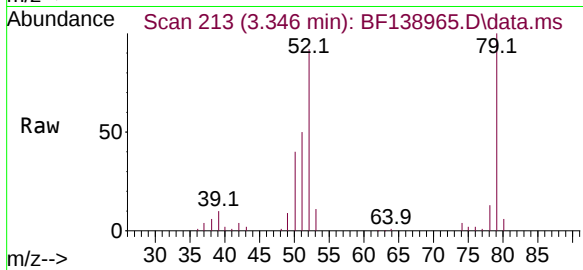
Tgt Ion: 79 Resp: 115174

Ion Ratio Lower Upper

79 100

52 92.0 74.7 112.1

51 49.6 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 44.426 ng

RT: 3.316 min Scan# 208

Delta R.T. 0.029 min

Lab File: BF138965.D

Acq: 13 Aug 2024 10:08

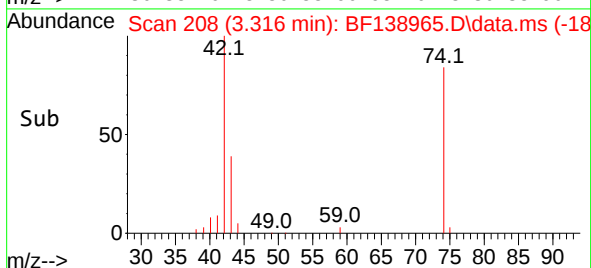
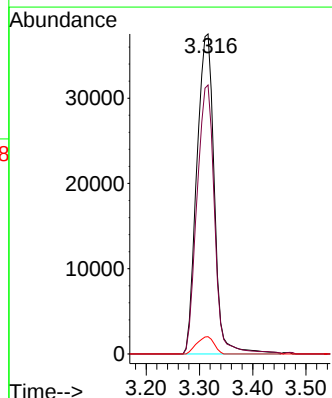
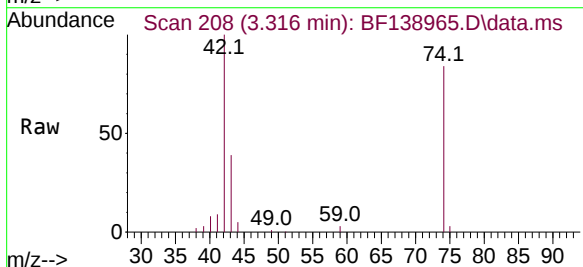
Tgt Ion: 42 Resp: 85416

Ion Ratio Lower Upper

42 100

74 84.1 84.2 126.4#

44 5.4 4.9 7.3

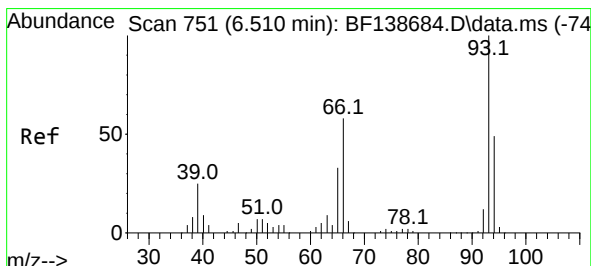
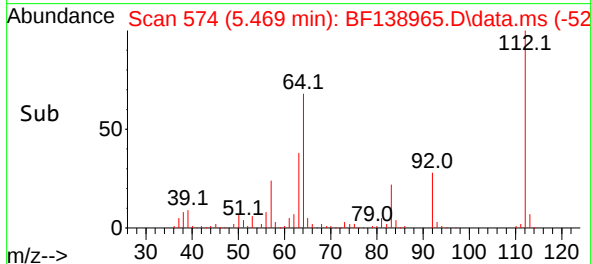
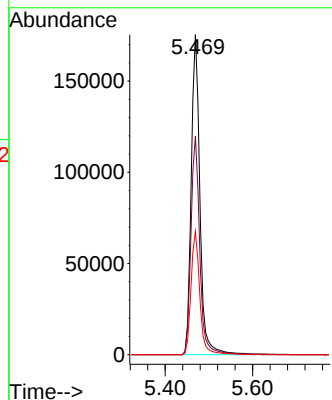
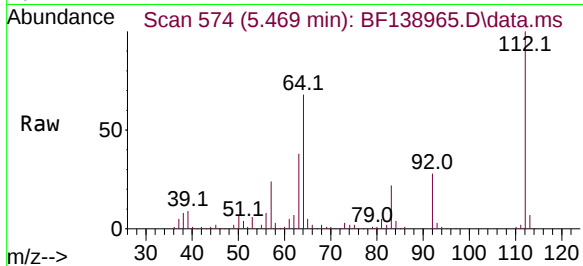




#5  
2-Fluorophenol  
Concen: 79.416 ng  
RT: 5.469 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: BF138965.D  
Acq: 13 Aug 2024 10:08

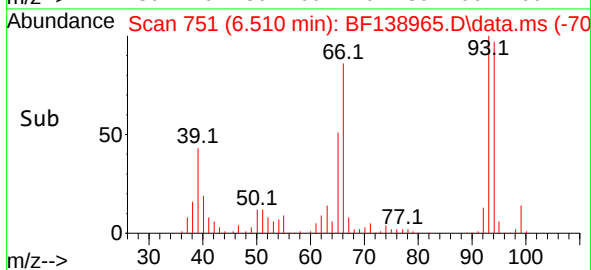
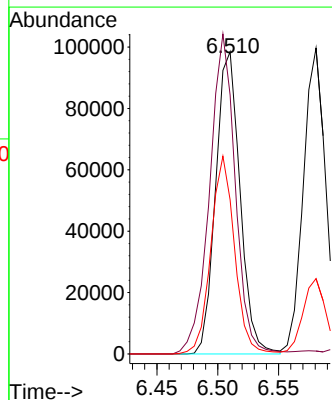
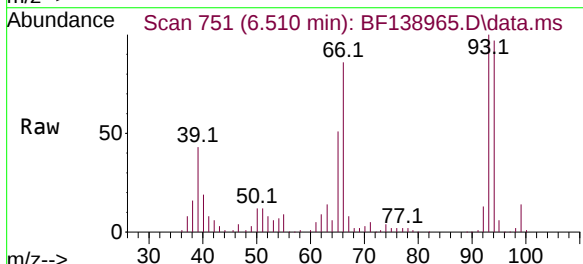
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:112 Resp: 241732  
Ion Ratio Lower Upper  
112 100  
64 68.3 54.2 81.4  
63 38.5 28.7 43.1



#6  
Aniline  
Concen: 37.616 ng  
RT: 6.510 min Scan# 751  
Delta R.T. -0.000 min  
Lab File: BF138965.D  
Acq: 13 Aug 2024 10:08

Tgt Ion: 93 Resp: 137097  
Ion Ratio Lower Upper  
93 100  
66 85.6 46.9 70.3#  
65 51.0 26.5 39.7#





#7

Phenol-d6

Concen: 79.661 ng

RT: 6.492 min Scan# 747

Delta R.T. 0.006 min

Lab File: BF138965.D

Acq: 13 Aug 2024 10:08

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

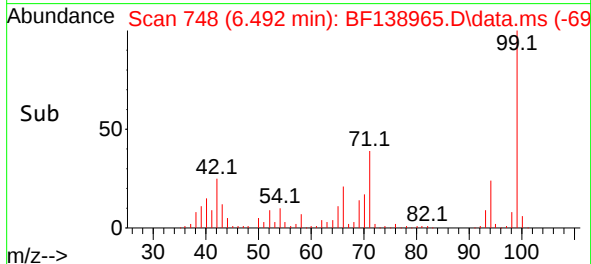
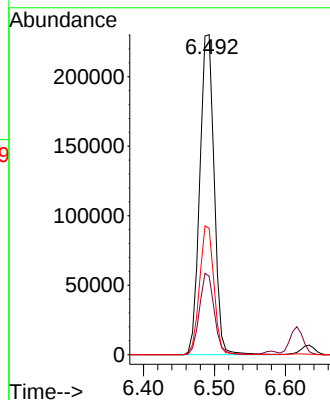
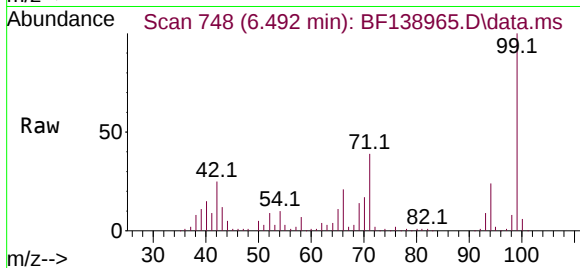
Tgt Ion: 99 Resp: 325552

Ion Ratio Lower Upper

99 100

42 24.6 17.4 26.0

71 39.5 28.1 42.1



#8

2-Chlorophenol

Concen: 39.771 ng

RT: 6.634 min Scan# 772

Delta R.T. -0.000 min

Lab File: BF138965.D

Acq: 13 Aug 2024 10:08

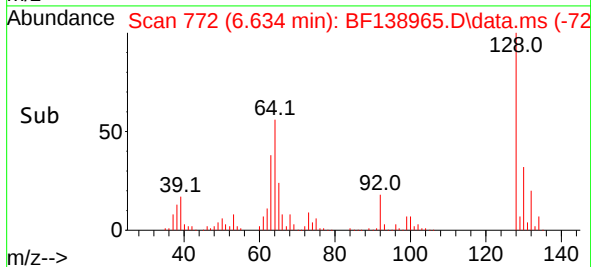
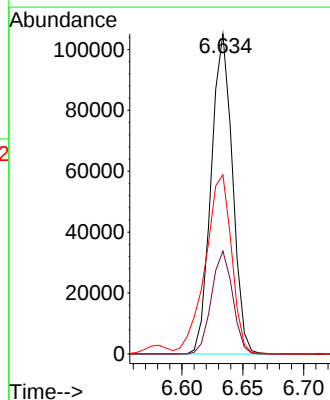
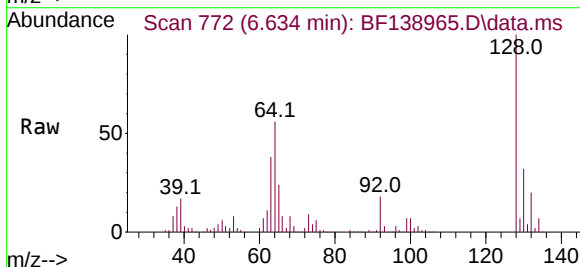
Tgt Ion:128 Resp: 127368

Ion Ratio Lower Upper

128 100

130 32.2 12.0 52.0

64 56.0 36.3 76.3





#9

Benzaldehyde

Concen: 36.851 ng

RT: 6.398 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF138965.D

Acq: 13 Aug 2024 10:08

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

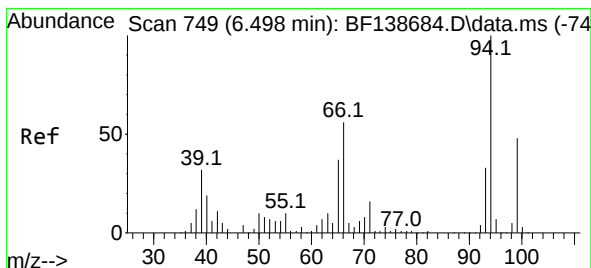
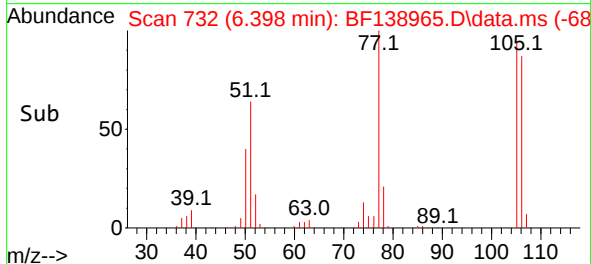
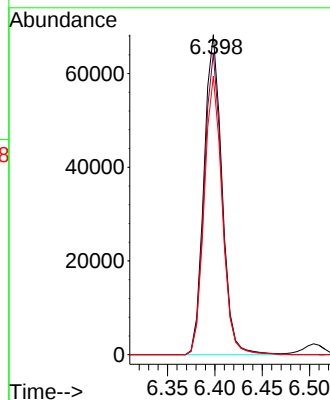
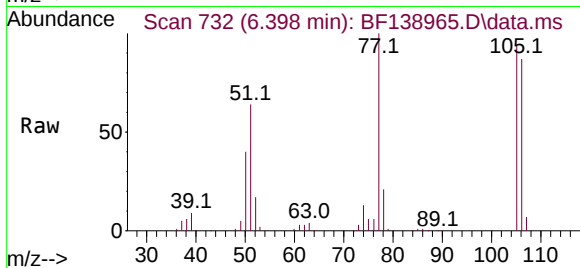
Tgt Ion: 77 Resp: 90277

Ion Ratio Lower Upper

77 100

105 94.1 72.9 112.9

106 86.9 68.4 108.4



#10

Phenol

Concen: 39.162 ng

RT: 6.504 min Scan# 750

Delta R.T. 0.006 min

Lab File: BF138965.D

Acq: 13 Aug 2024 10:08

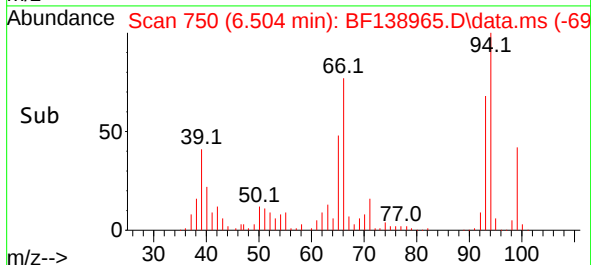
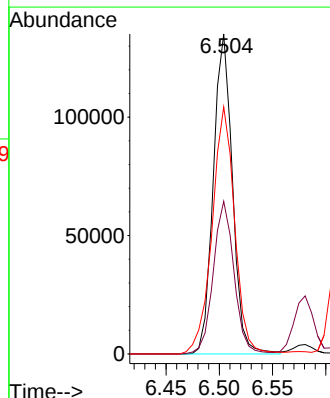
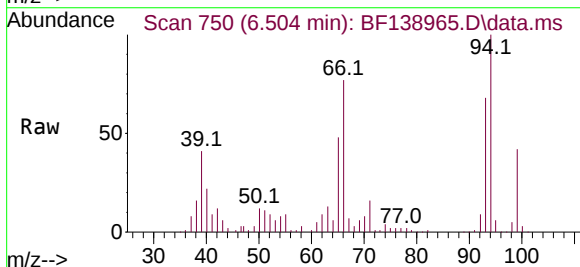
Tgt Ion: 94 Resp: 168509

Ion Ratio Lower Upper

94 100

65 47.7 16.9 56.9

66 77.2 36.5 76.5#

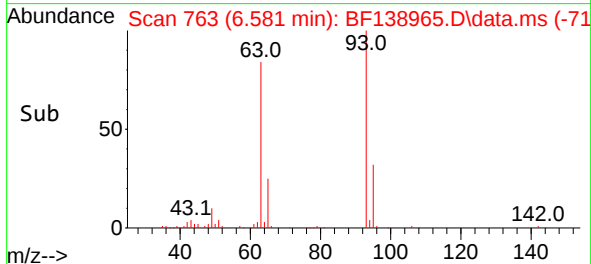
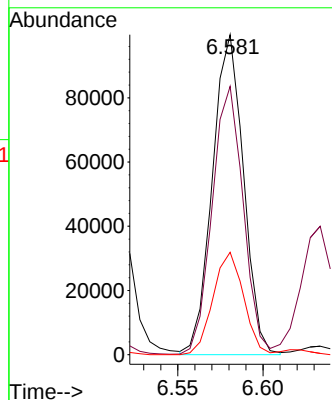
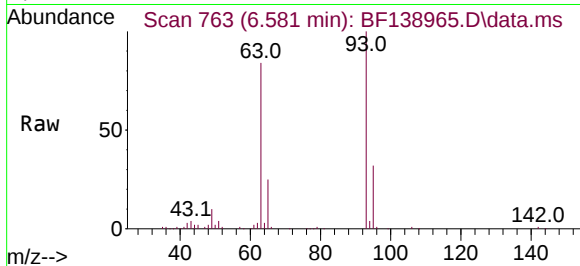




#11  
bis(2-Chloroethyl)ether  
Concen: 38.259 ng  
RT: 6.581 min Scan# 763  
Delta R.T. -0.006 min  
Lab File: BF138965.D  
Acq: 13 Aug 2024 10:08

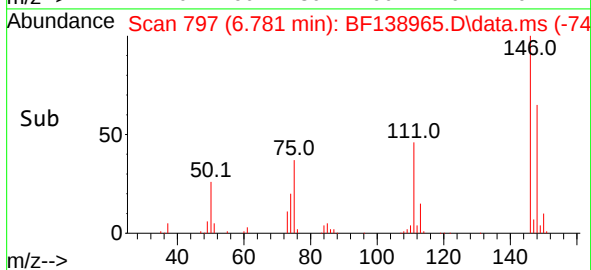
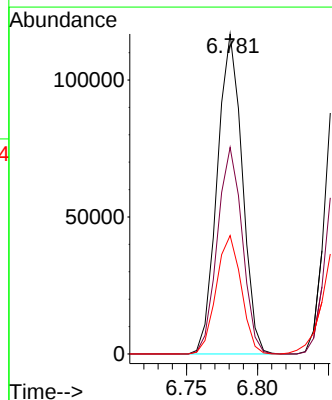
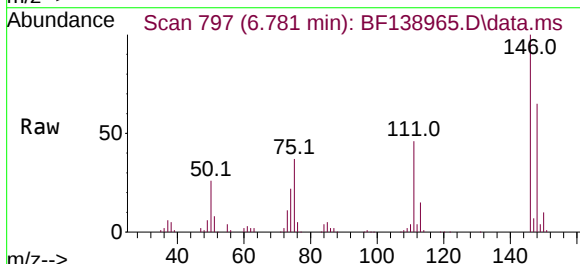
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 93 Resp: 126683  
Ion Ratio Lower Upper  
93 100  
63 83.8 65.3 105.3  
95 32.0 12.4 52.4



#12  
1,3-Dichlorobenzene  
Concen: 39.765 ng  
RT: 6.781 min Scan# 797  
Delta R.T. -0.006 min  
Lab File: BF138965.D  
Acq: 13 Aug 2024 10:08

Tgt Ion: 146 Resp: 142552  
Ion Ratio Lower Upper  
146 100  
148 64.5 51.2 76.8  
75 37.0 27.4 41.2

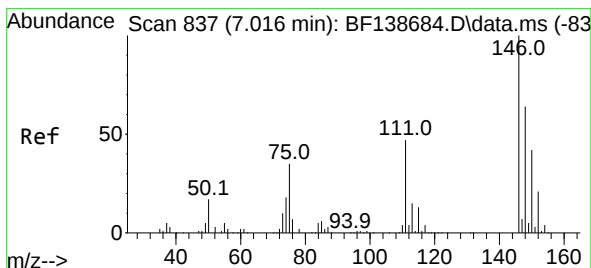
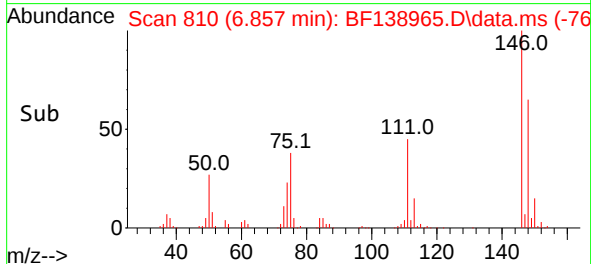
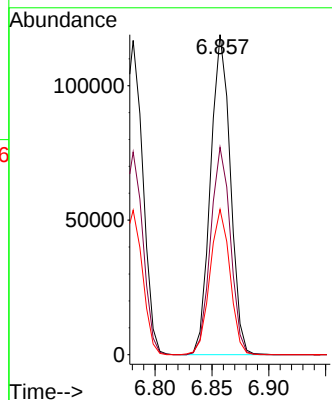
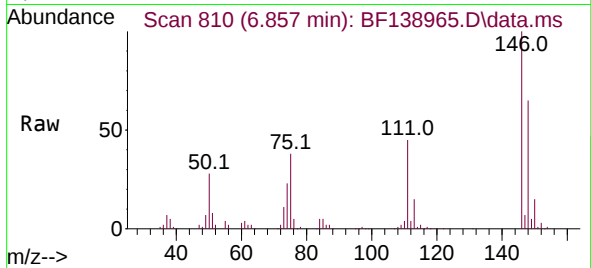




#13  
1,4-Dichlorobenzene  
Concen: 39.907 ng  
RT: 6.857 min Scan# 811  
Delta R.T. -0.006 min  
Lab File: BF138965.D  
Acq: 13 Aug 2024 10:08

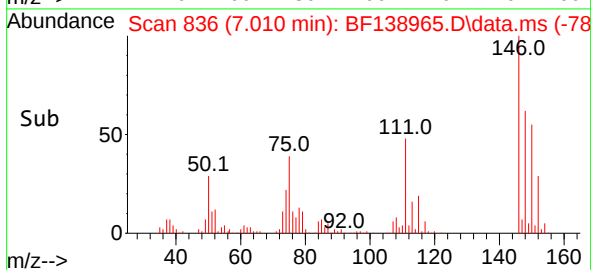
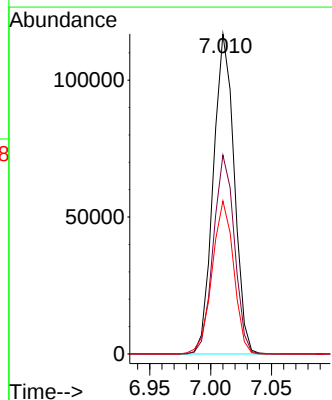
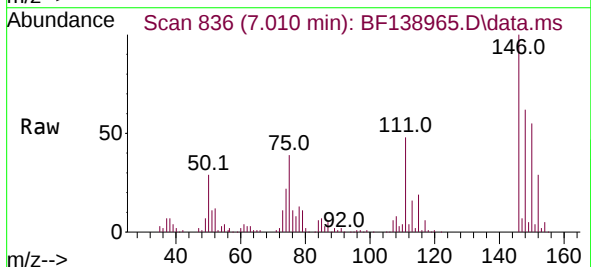
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:146 Resp: 144375  
Ion Ratio Lower Upper  
146 100  
148 64.8 50.2 75.2  
111 45.4 35.9 53.9



#14  
1,2-Dichlorobenzene  
Concen: 41.246 ng  
RT: 7.010 min Scan# 836  
Delta R.T. -0.006 min  
Lab File: BF138965.D  
Acq: 13 Aug 2024 10:08

Tgt Ion:146 Resp: 139453  
Ion Ratio Lower Upper  
146 100  
148 62.1 50.8 76.2  
111 47.8 37.4 56.2

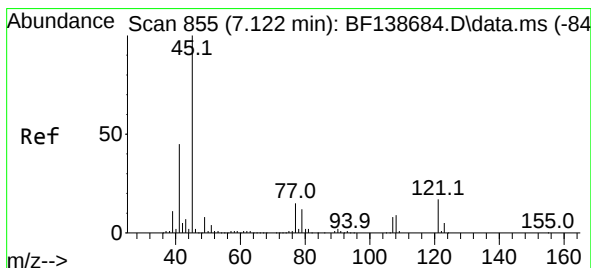
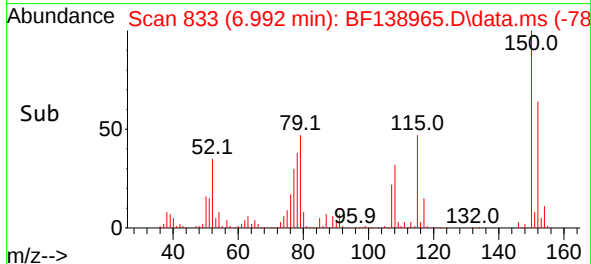
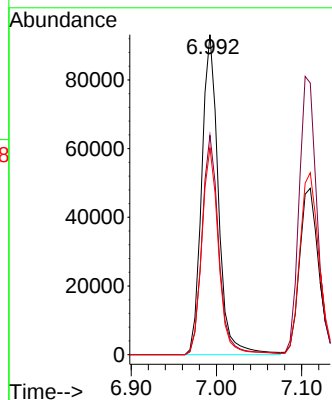
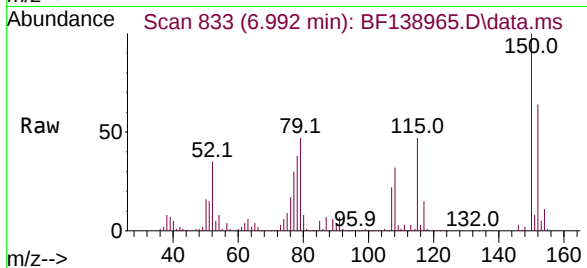




#15  
Benzyl Alcohol  
Concen: 42.950 ng  
RT: 6.992 min Scan# 811  
Delta R.T. -0.000 min  
Lab File: BF138965.D  
Acq: 13 Aug 2024 10:08

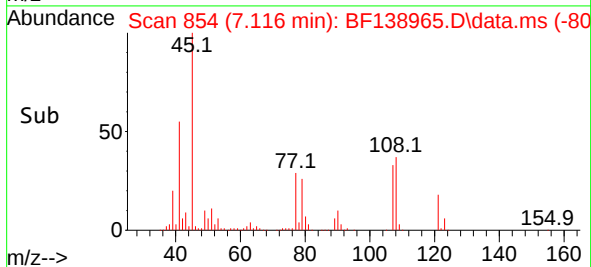
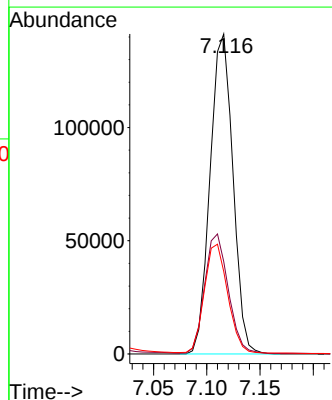
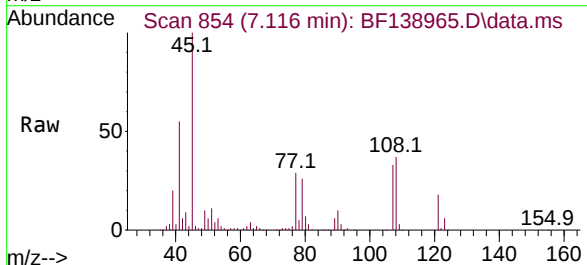
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 79 Resp: 126510  
Ion Ratio Lower Upper  
79 100  
108 68.6 56.6 85.0  
77 64.6 50.3 75.5



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 36.988 ng  
RT: 7.116 min Scan# 854  
Delta R.T. -0.006 min  
Lab File: BF138965.D  
Acq: 13 Aug 2024 10:08

Tgt Ion: 45 Resp: 210772  
Ion Ratio Lower Upper  
45 100  
77 28.9 0.0 34.9  
79 25.8 0.0 32.2

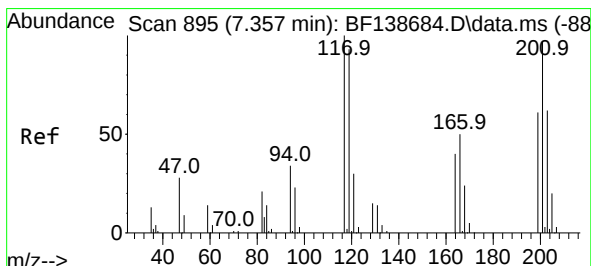
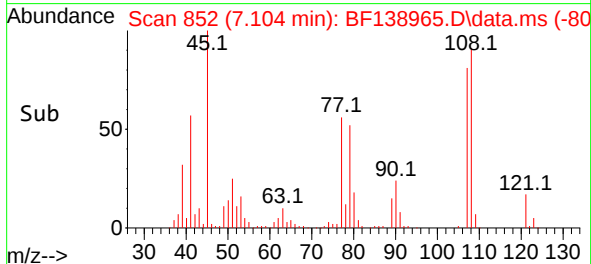
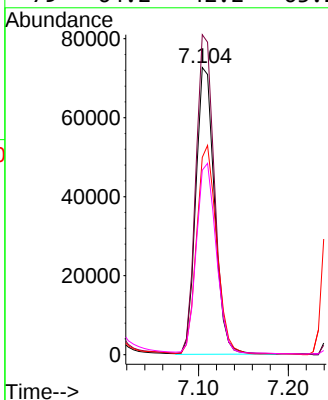
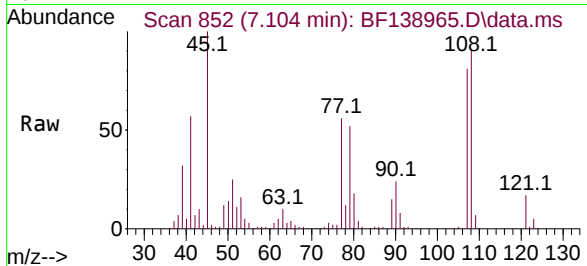




#17  
2-Methylphenol  
Concen: 39.689 ng  
RT: 7.104 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BF138965.D  
Acq: 13 Aug 2024 10:08

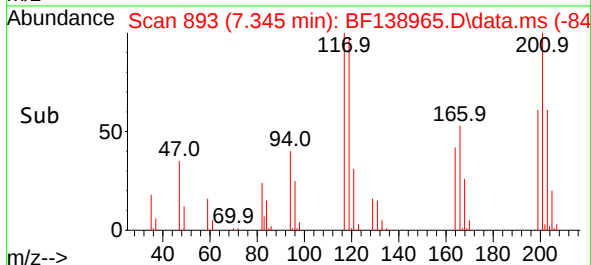
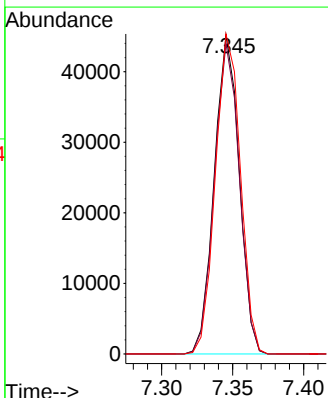
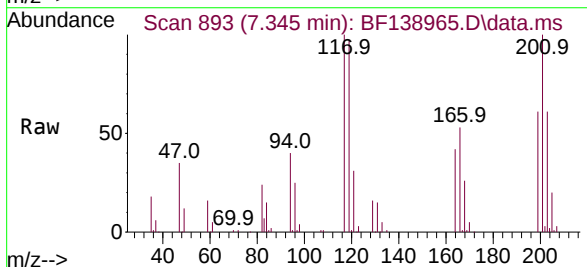
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 104957 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 111.4 | 89.2  | 133.8  |
| 77       | 68.7  | 43.0  | 64.4#  |
| 79       | 64.2  | 42.2  | 63.2#  |



#18  
Hexachloroethane  
Concen: 40.463 ng  
RT: 7.345 min Scan# 893  
Delta R.T. -0.012 min  
Lab File: BF138965.D  
Acq: 13 Aug 2024 10:08

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 55102 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 97.4  | 74.6  | 111.8 |
| 201      | 100.4 | 77.2  | 115.8 |



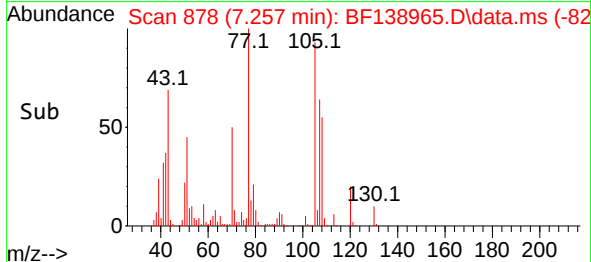
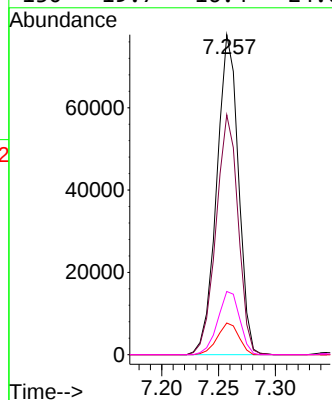
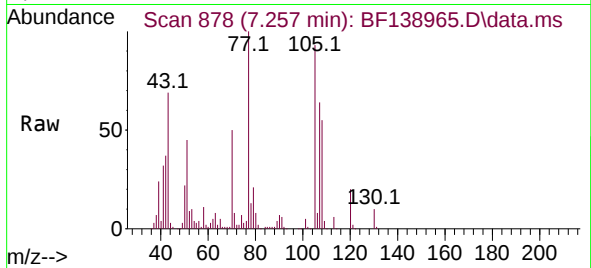


#19  
n-Nitroso-di-n-propylamine  
Concen: 41.806 ng  
RT: 7.257 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BF138965.D  
Acq: 13 Aug 2024 10:08

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 70 Resp: 103190

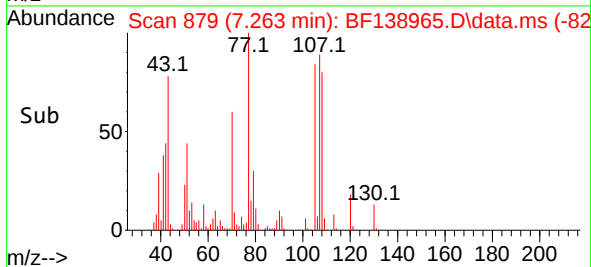
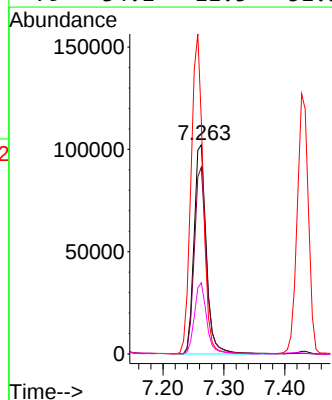
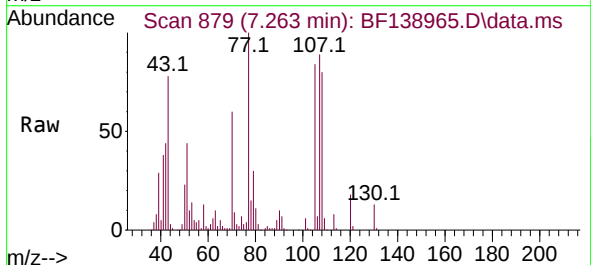
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 75.0  | 57.4  | 86.0  |
| 101 | 9.9   | 7.5   | 11.3  |
| 130 | 19.7  | 16.4  | 24.6  |



#20  
3+4-Methylphenols  
Concen: 42.329 ng  
RT: 7.263 min Scan# 879  
Delta R.T. 0.006 min  
Lab File: BF138965.D  
Acq: 13 Aug 2024 10:08

Tgt Ion: 107 Resp: 143621

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 107 | 100   |       |        |
| 108 | 89.2  | 68.2  | 108.2  |
| 77  | 111.8 | 132.1 | 172.1# |
| 79  | 34.1  | 11.5  | 51.5   |

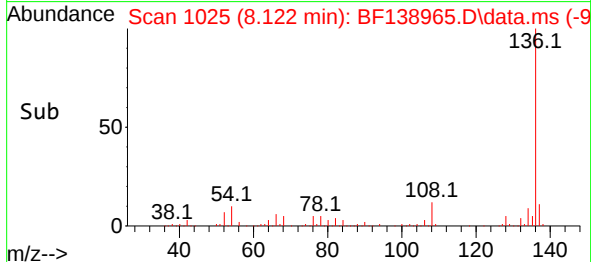
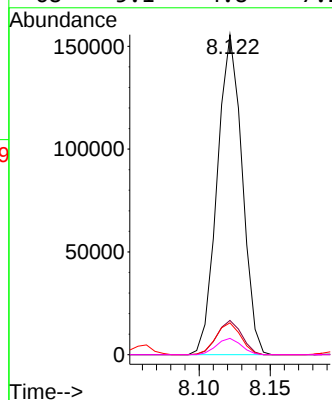
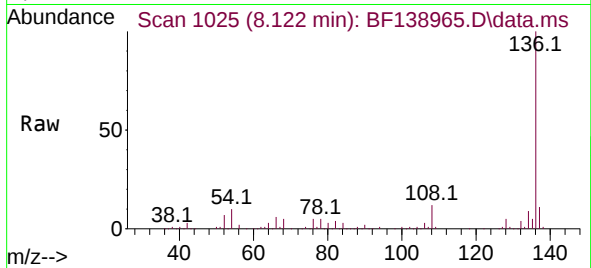




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.122 min Scan# 1025  
Delta R.T. -0.006 min  
Lab File: BF138965.D  
Acq: 13 Aug 2024 10:08

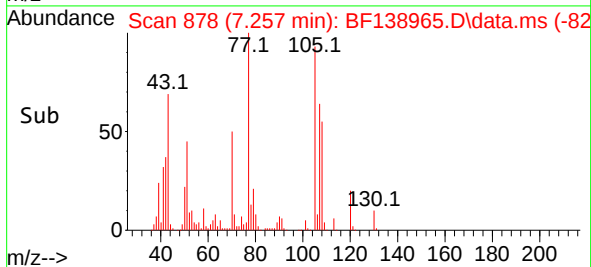
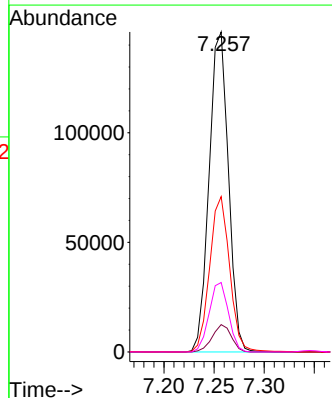
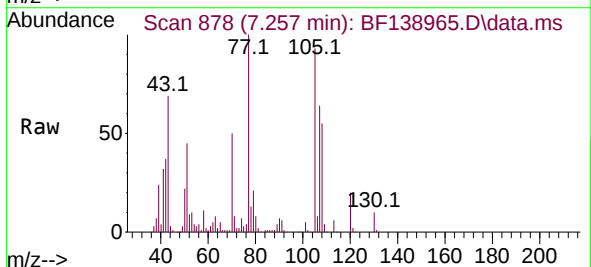
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

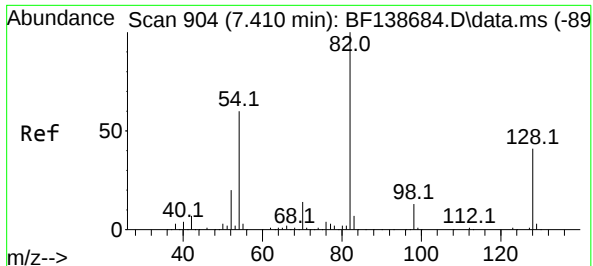
|             |               |
|-------------|---------------|
| Tgt Ion:136 | Resp: 189694  |
| Ion Ratio   | Lower Upper   |
| 136         | 100           |
| 137         | 10.7 8.9 13.3 |
| 54          | 9.9 8.6 12.8  |
| 68          | 5.1 4.8 7.2   |



#22  
Acetophenone  
Concen: 42.213 ng  
RT: 7.257 min Scan# 878  
Delta R.T. -0.000 min  
Lab File: BF138965.D  
Acq: 13 Aug 2024 10:08

|             |                |
|-------------|----------------|
| Tgt Ion:105 | Resp: 196063   |
| Ion Ratio   | Lower Upper    |
| 105         | 100            |
| 71          | 8.6 7.2 10.8   |
| 51          | 48.6 35.9 53.9 |
| 120         | 21.7 17.6 26.4 |





#23

Nitrobenzene-d5

Concen: 84.832 ng

RT: 7.410 min Scan# 904

Delta R.T. -0.000 min

Lab File: BF138965.D

Acq: 13 Aug 2024 10:08

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

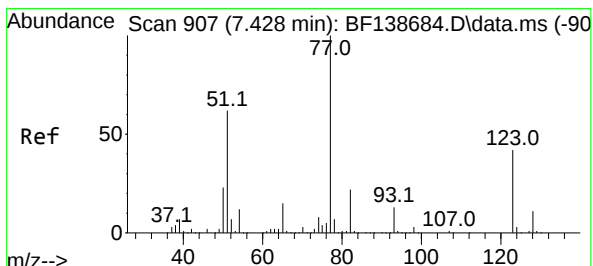
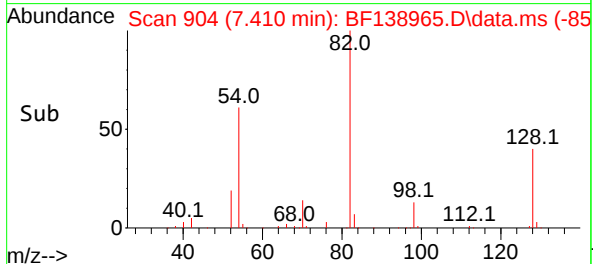
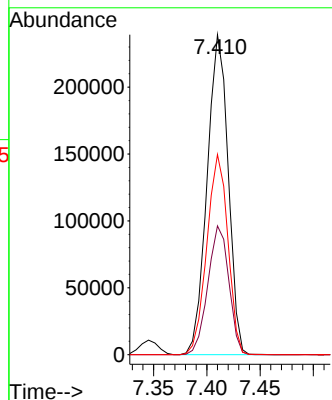
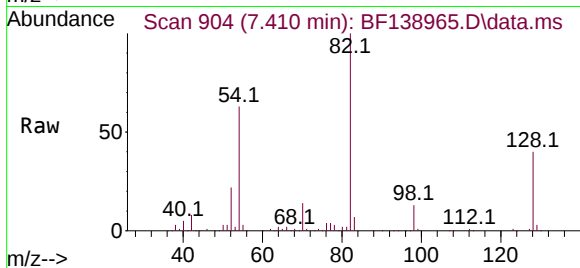
Tgt Ion: 82 Resp: 329140

Ion Ratio Lower Upper

82 100

128 40.2 32.8 49.2

54 62.6 48.3 72.5



#24

Nitrobenzene

Concen: 40.938 ng

RT: 7.428 min Scan# 907

Delta R.T. -0.000 min

Lab File: BF138965.D

Acq: 13 Aug 2024 10:08

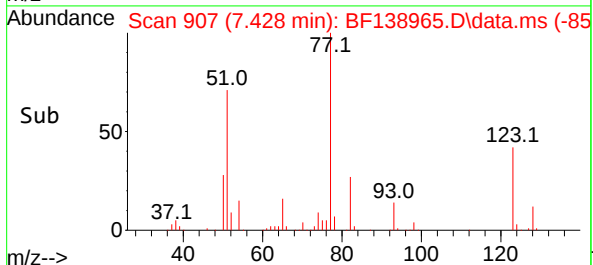
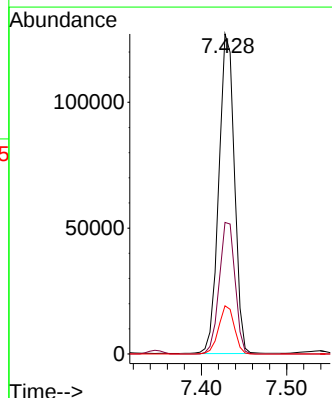
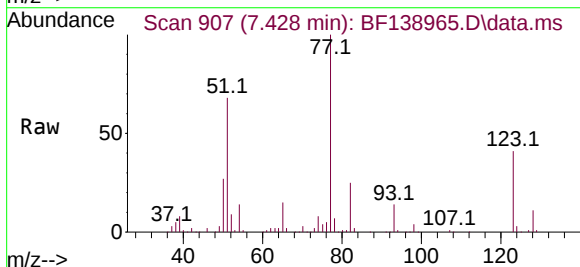
Tgt Ion: 77 Resp: 161626

Ion Ratio Lower Upper

77 100

123 41.1 33.3 49.9

65 15.0 11.9 17.9

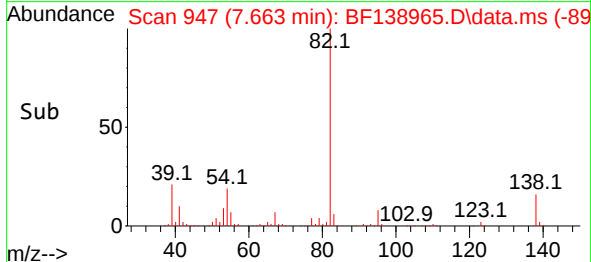
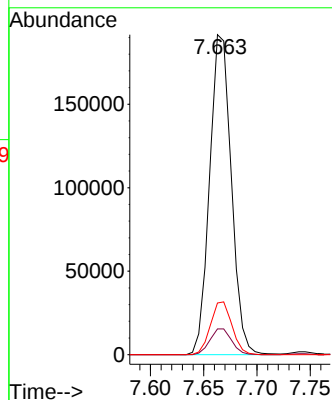
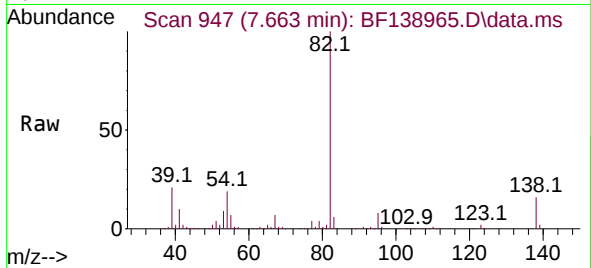




#25  
Isophorone  
Concen: 41.000 ng  
RT: 7.663 min Scan# 948  
Delta R.T. -0.006 min  
Lab File: BF138965.D  
Acq: 13 Aug 2024 10:08

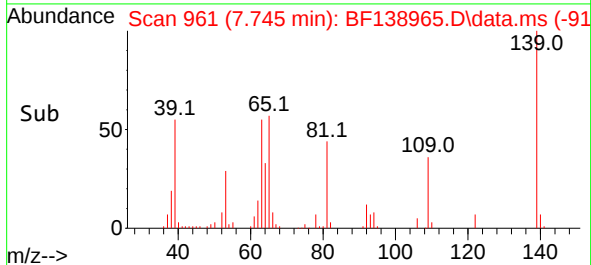
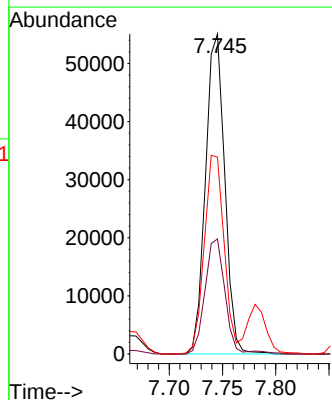
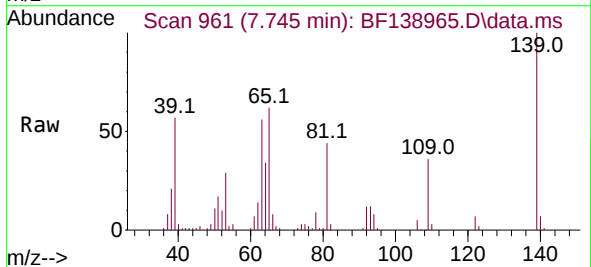
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

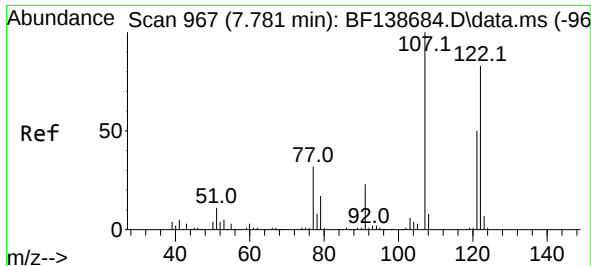
Tgt Ion: 82 Resp: 271632  
Ion Ratio Lower Upper  
82 100  
95 8.1 5.7 8.5  
138 16.1 13.7 20.5



#26  
2-Nitrophenol  
Concen: 40.880 ng  
RT: 7.745 min Scan# 961  
Delta R.T. -0.000 min  
Lab File: BF138965.D  
Acq: 13 Aug 2024 10:08

Tgt Ion: 139 Resp: 69439  
Ion Ratio Lower Upper  
139 100  
109 35.9 25.9 38.9  
65 61.5 47.0 70.6

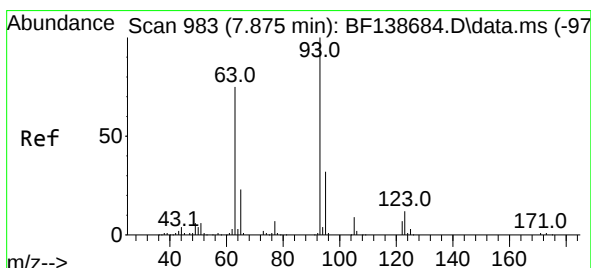
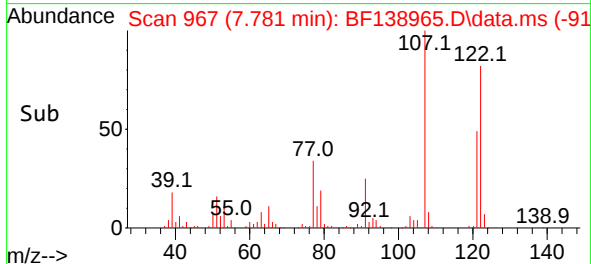
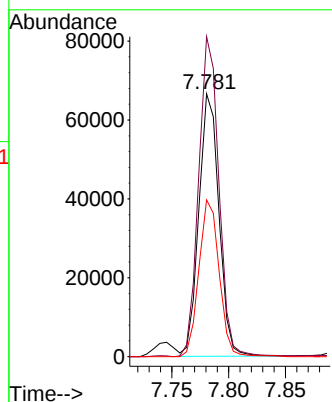
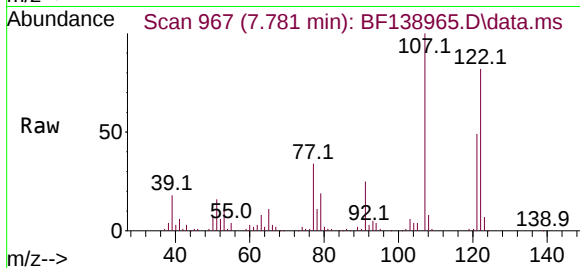




#27  
2,4-Dimethylphenol  
Concen: 40.235 ng  
RT: 7.781 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BF138965.D  
Acq: 13 Aug 2024 10:08

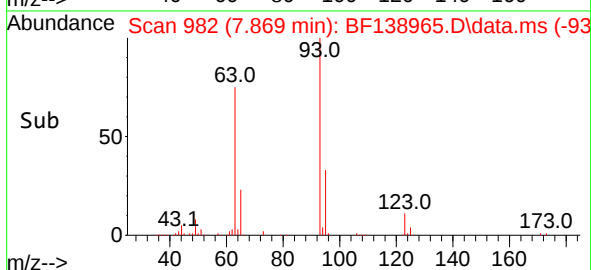
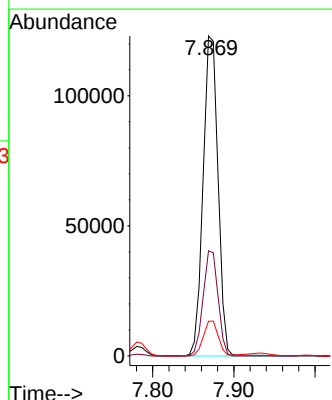
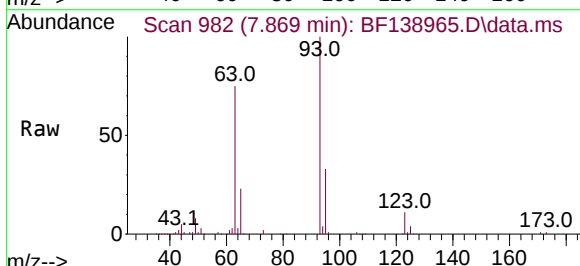
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:122 Resp: 81769  
Ion Ratio Lower Upper  
122 100  
107 121.7 95.0 142.6  
121 59.6 47.3 70.9



#28  
bis(2-Chloroethoxy)methane  
Concen: 38.936 ng  
RT: 7.869 min Scan# 982  
Delta R.T. -0.006 min  
Lab File: BF138965.D  
Acq: 13 Aug 2024 10:08

Tgt Ion: 93 Resp: 157086  
Ion Ratio Lower Upper  
93 100  
95 32.8 25.8 38.8  
123 10.9 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 41.207 ng

RT: 7.992 min Scan# 1003

Delta R.T. -0.000 min

Lab File: BF138965.D

Acq: 13 Aug 2024 10:08

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

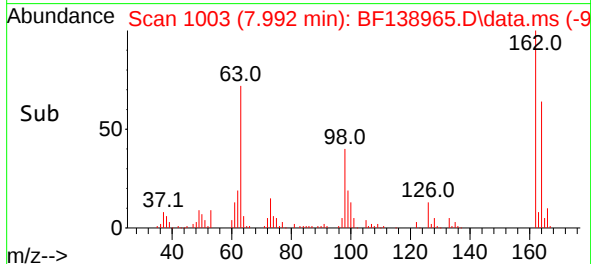
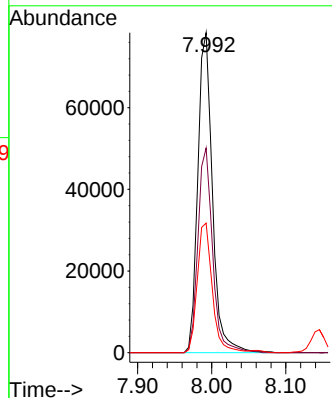
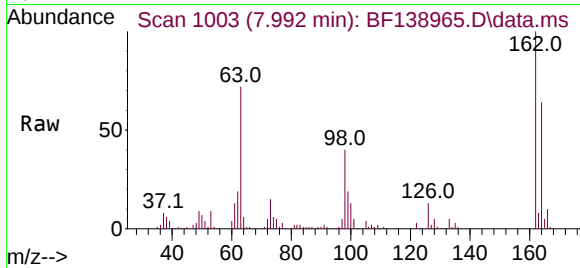
Tgt Ion:162 Resp: 107612

Ion Ratio Lower Upper

162 100

164 63.9 44.7 84.7

98 40.5 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 41.137 ng

RT: 8.063 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BF138965.D

Acq: 13 Aug 2024 10:08

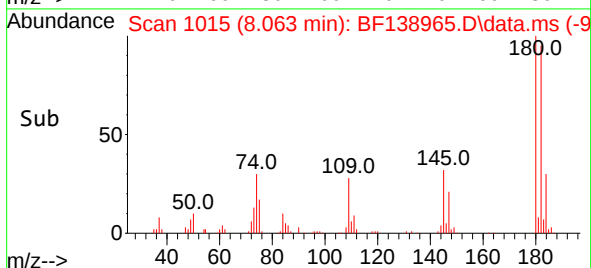
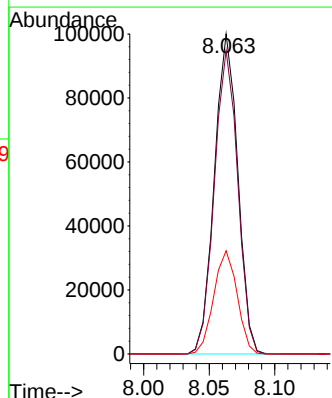
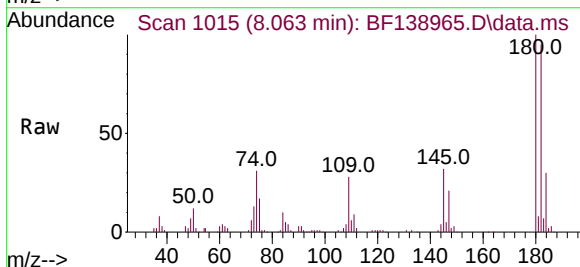
Tgt Ion:180 Resp: 123977

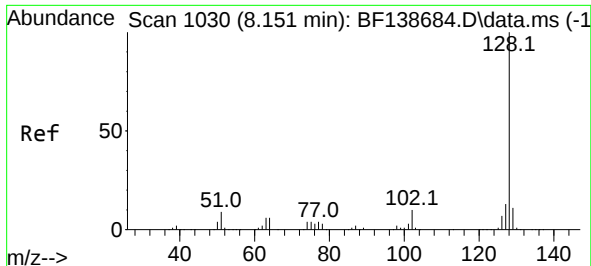
Ion Ratio Lower Upper

180 100

182 94.9 76.9 115.3

145 32.3 25.0 37.4

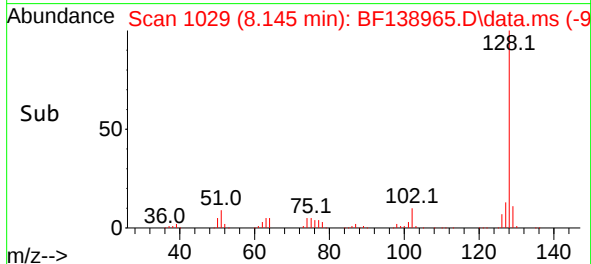
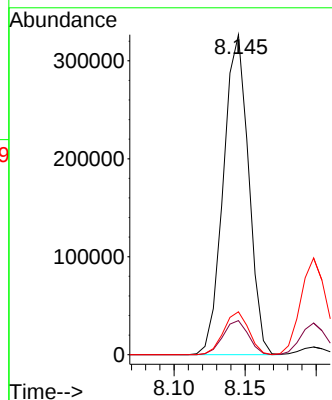
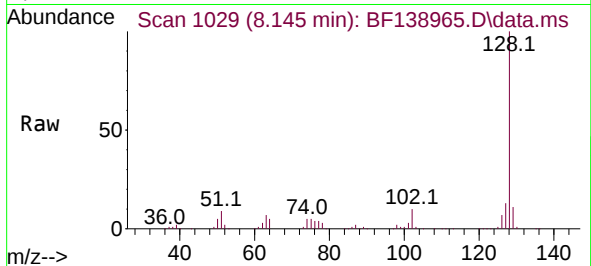




#31  
Naphthalene  
Concen: 40.320 ng  
RT: 8.145 min Scan# 1030  
Delta R.T. -0.006 min  
Lab File: BF138965.D  
Acq: 13 Aug 2024 10:08

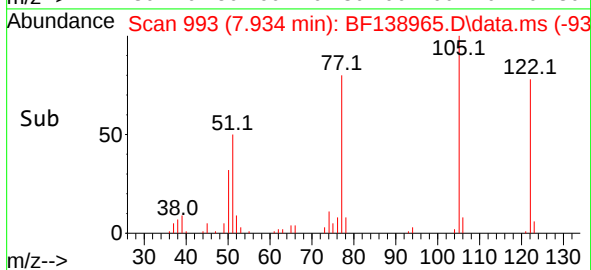
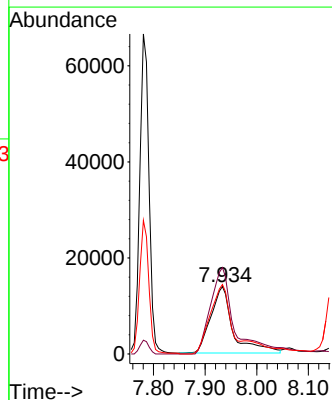
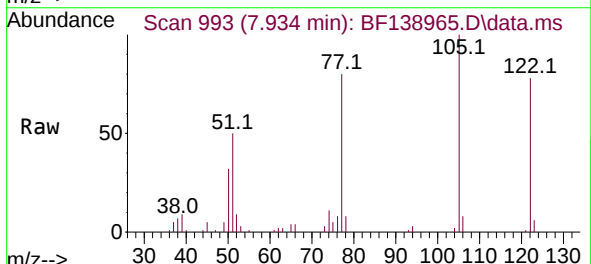
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

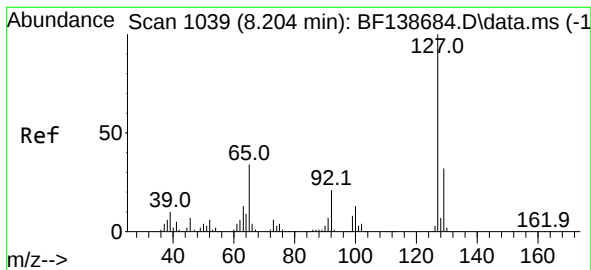
Tgt Ion:128 Resp: 402596  
Ion Ratio Lower Upper  
128 100  
129 10.7 8.7 13.1  
127 13.4 10.6 16.0



#32  
Benzoic acid  
Concen: 26.136 ng  
RT: 7.934 min Scan# 993  
Delta R.T. 0.030 min  
Lab File: BF138965.D  
Acq: 13 Aug 2024 10:08

Tgt Ion:122 Resp: 41753  
Ion Ratio Lower Upper  
122 100  
105 128.4 106.7 146.7  
77 103.2 81.1 121.1





#33

4-Chloroaniline

Concen: 38.214 ng

RT: 8.198 min Scan# 1038

Delta R.T. -0.006 min

Lab File: BF138965.D

Acq: 13 Aug 2024 10:08

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 128082

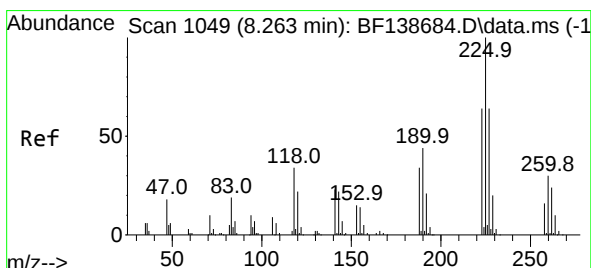
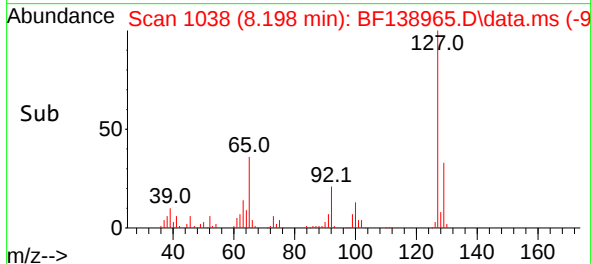
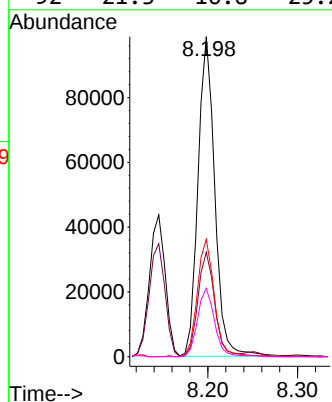
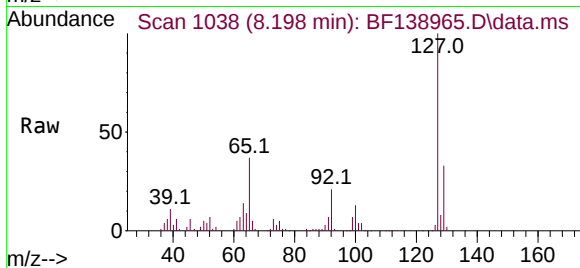
Ion Ratio Lower Upper

127 100

129 32.7 25.9 38.9

65 36.7 27.6 41.4

92 21.3 16.8 25.2



#34

Hexachlorobutadiene

Concen: 44.145 ng

RT: 8.251 min Scan# 1047

Delta R.T. -0.012 min

Lab File: BF138965.D

Acq: 13 Aug 2024 10:08

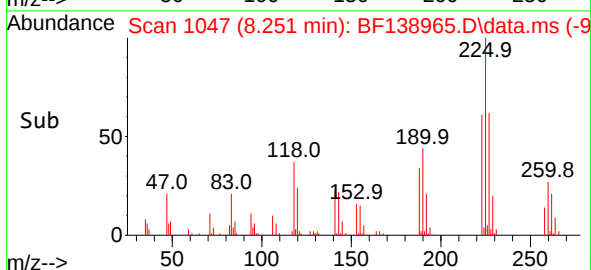
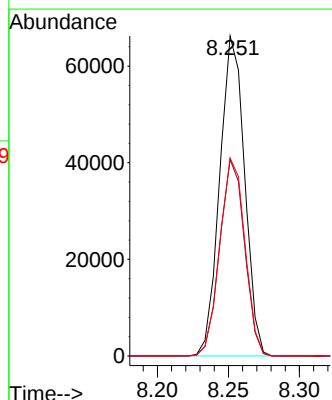
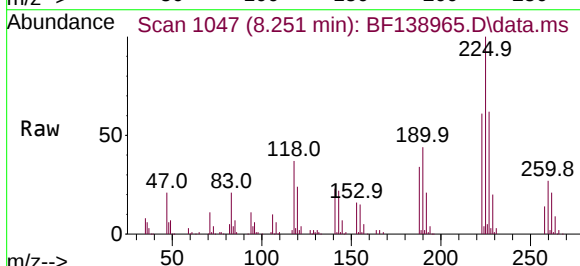
Tgt Ion:225 Resp: 80583

Ion Ratio Lower Upper

225 100

223 61.4 51.2 76.8

227 61.8 51.1 76.7

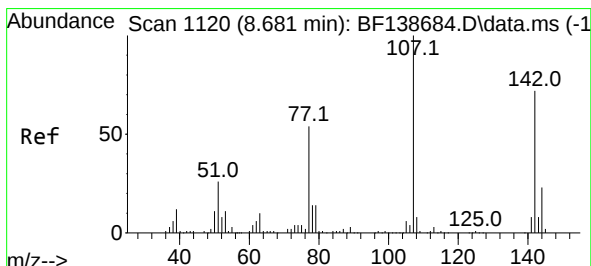
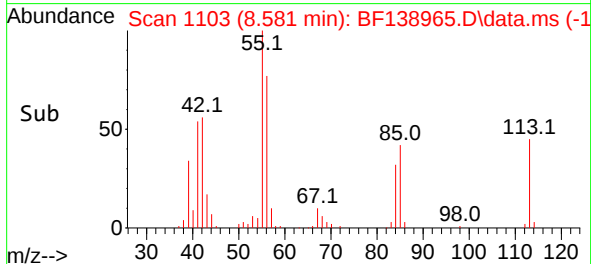
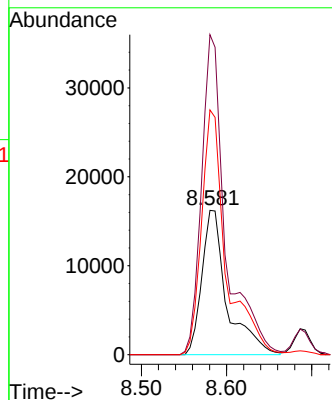
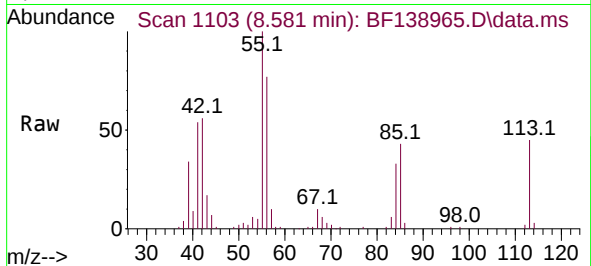




#35  
Caprolactam  
Concen: 42.733 ng  
RT: 8.581 min Scan# 1103  
Delta R.T. 0.012 min  
Lab File: BF138965.D  
Acq: 13 Aug 2024 10:08

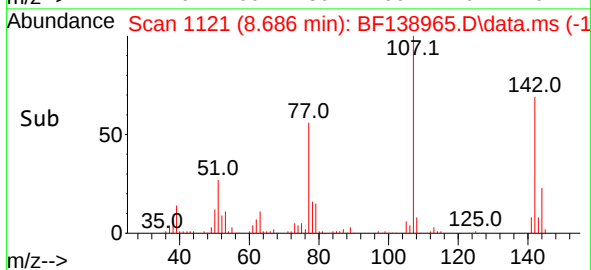
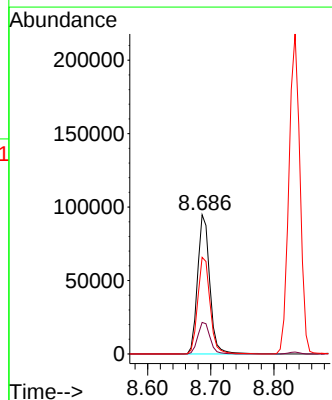
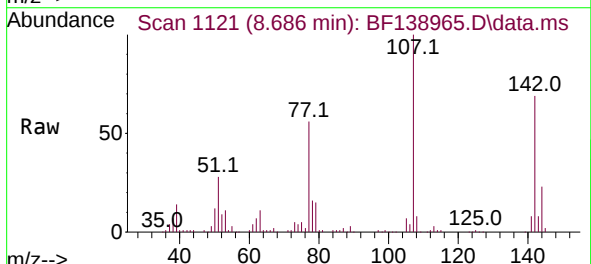
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

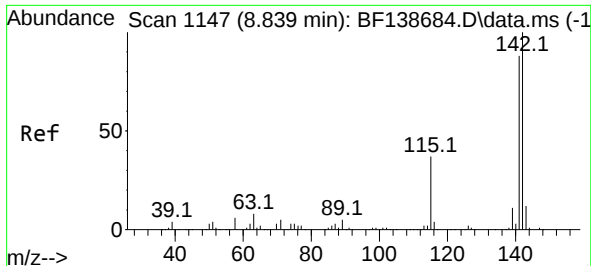
Tgt Ion:113 Resp: 33299  
Ion Ratio Lower Upper  
113 100  
55 221.6 186.7 226.7  
56 169.5 138.9 178.9



#36  
4-Chloro-3-methylphenol  
Concen: 42.452 ng  
RT: 8.686 min Scan# 1121  
Delta R.T. 0.006 min  
Lab File: BF138965.D  
Acq: 13 Aug 2024 10:08

Tgt Ion:107 Resp: 126700  
Ion Ratio Lower Upper  
107 100  
144 22.6 18.2 27.2  
142 69.4 57.4 86.2





#37

2-Methylnaphthalene

Concen: 41.855 ng

RT: 8.833 min Scan# 1147

Delta R.T. -0.006 min

Lab File: BF138965.D

Acq: 13 Aug 2024 10:08

Instrument :

BNA\_F

ClientSampleId :

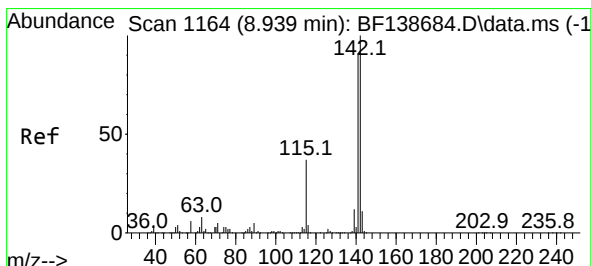
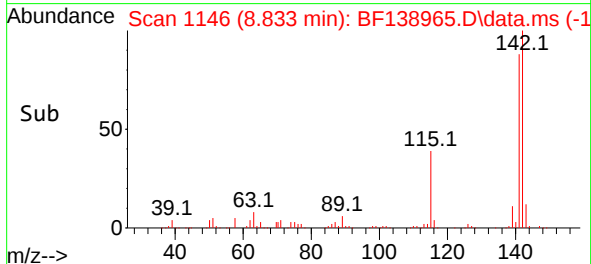
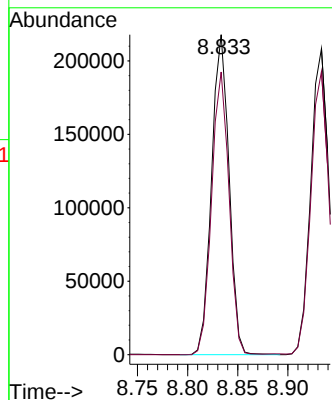
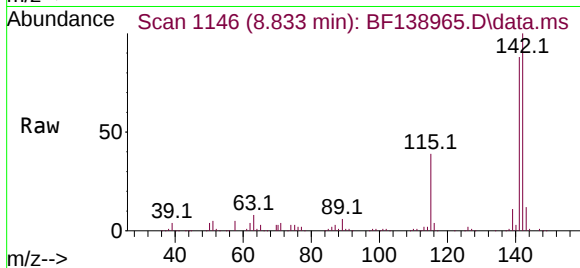
SSTDCCC040

Tgt Ion:142 Resp: 263939

Ion Ratio Lower Upper

142 100

141 88.3 70.8 106.2



#38

1-Methylnaphthalene

Concen: 41.783 ng

RT: 8.933 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF138965.D

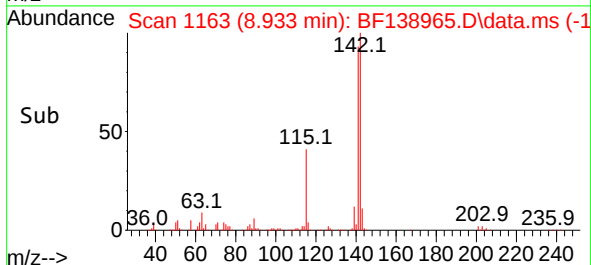
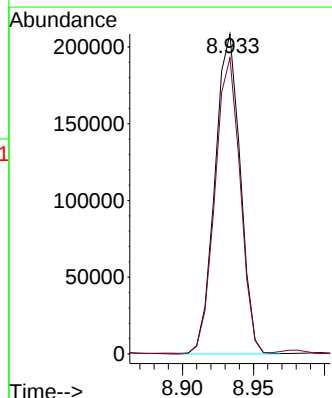
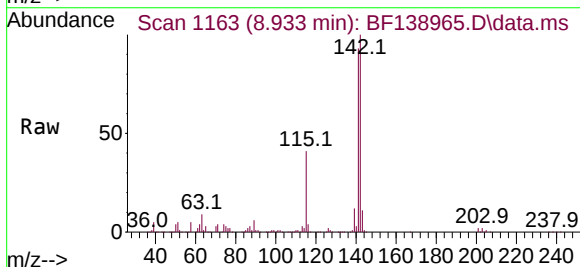
Acq: 13 Aug 2024 10:08

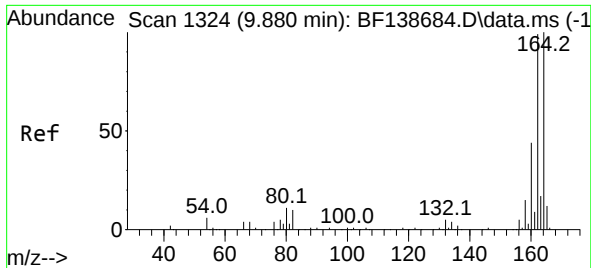
Tgt Ion:142 Resp: 258191

Ion Ratio Lower Upper

142 100

141 92.6 73.1 109.7

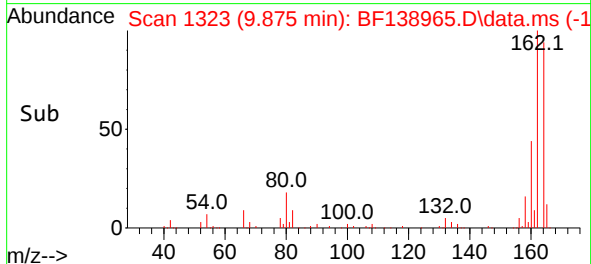
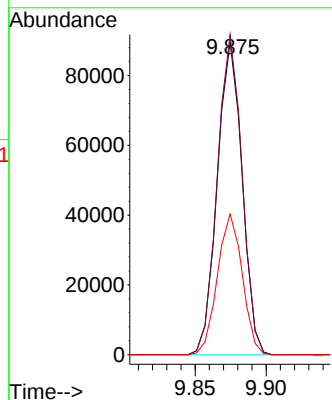
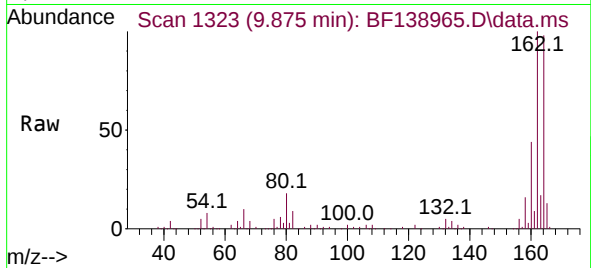




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.875 min Scan# 1117  
Delta R.T. -0.005 min  
Lab File: BF138965.D  
Acq: 13 Aug 2024 10:08

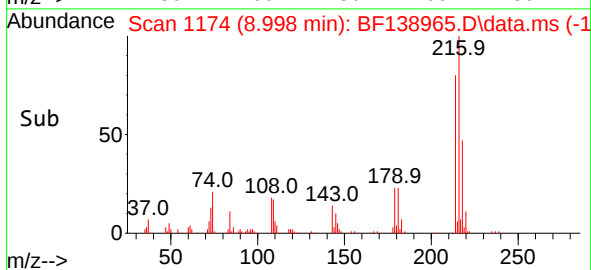
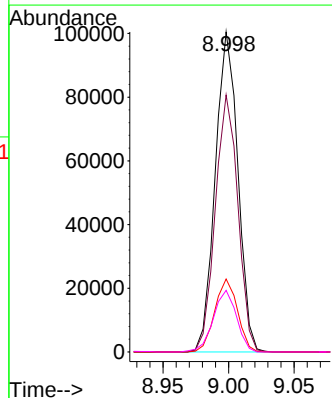
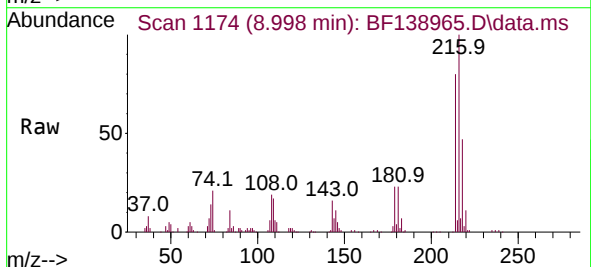
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:164 Resp: 108534  
Ion Ratio Lower Upper  
164 100  
162 102.4 79.4 119.0  
160 45.0 35.1 52.7



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 39.926 ng  
RT: 8.998 min Scan# 1174  
Delta R.T. -0.006 min  
Lab File: BF138965.D  
Acq: 13 Aug 2024 10:08

Tgt Ion:216 Resp: 120374  
Ion Ratio Lower Upper  
216 100  
214 80.1 63.9 95.9  
179 22.8 17.8 26.6  
108 19.8 16.0 24.0

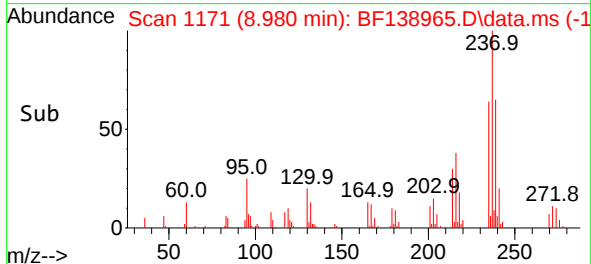
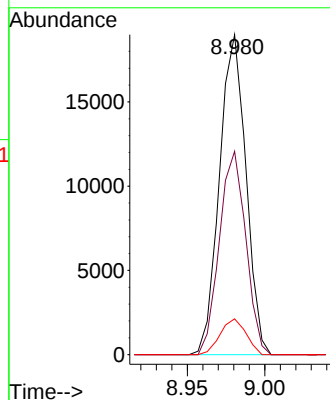
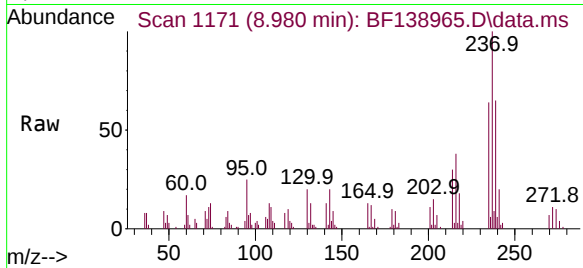




#41  
Hexachlorocyclopentadiene  
Concen: 32.772 ng  
RT: 8.980 min Scan# 1172  
Delta R.T. -0.006 min  
Lab File: BF138965.D  
Acq: 13 Aug 2024 10:08

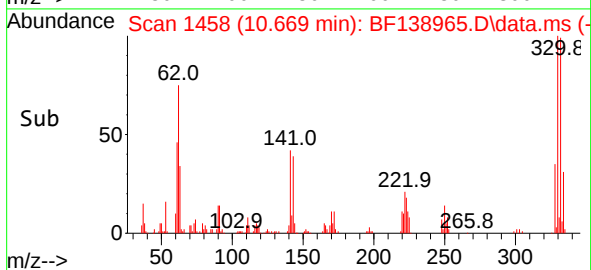
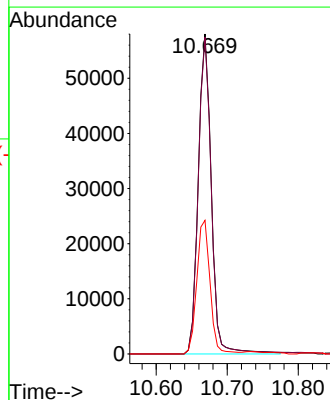
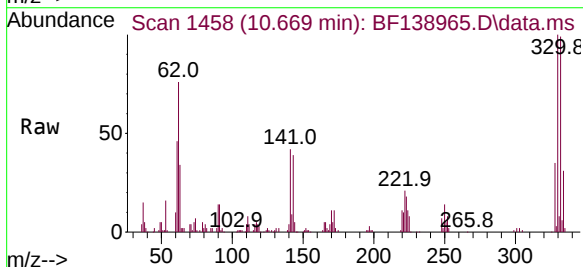
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 237   | Resp: | 22558 |
| Ion      | Ratio | Lower | Upper |
| 237      | 100   |       |       |
| 235      | 63.6  | 41.8  | 81.8  |
| 272      | 11.2  | 0.0   | 32.2  |



#42  
2,4,6-Tribromophenol  
Concen: 83.870 ng  
RT: 10.669 min Scan# 1458  
Delta R.T. -0.000 min  
Lab File: BF138965.D  
Acq: 13 Aug 2024 10:08

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 330   | Resp: | 74564 |
| Ion      | Ratio | Lower | Upper |
| 330      | 100   |       |       |
| 332      | 98.8  | 76.4  | 114.6 |
| 141      | 42.2  | 31.1  | 46.7  |





#43

2,4,6-Trichlorophenol

Concen: 38.351 ng

RT: 9.122 min Scan# 1194

Delta R.T. 0.006 min

Lab File: BF138965.D

Acq: 13 Aug 2024 10:08

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

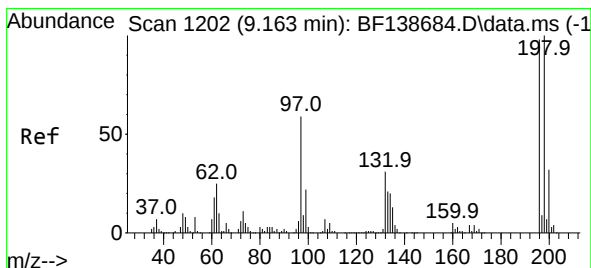
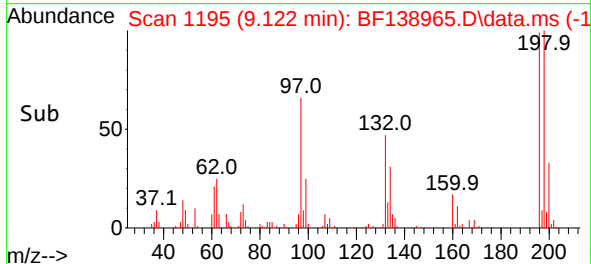
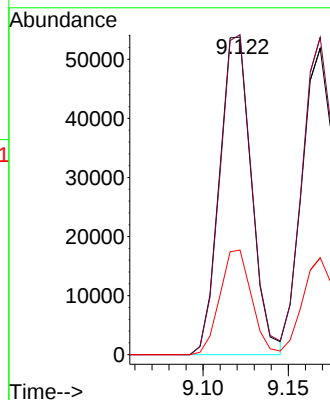
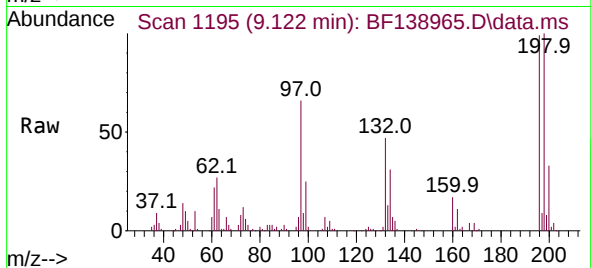
Tgt Ion:196 Resp: 70499

Ion Ratio Lower Upper

196 100

198 100.7 80.5 120.7

200 32.9 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 38.487 ng

RT: 9.169 min Scan# 1203

Delta R.T. 0.006 min

Lab File: BF138965.D

Acq: 13 Aug 2024 10:08

Tgt Ion:196 Resp: 77343

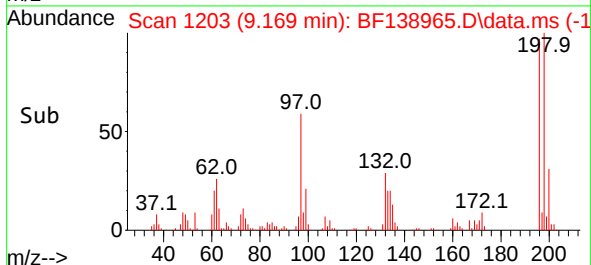
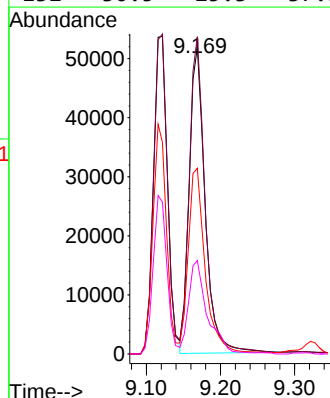
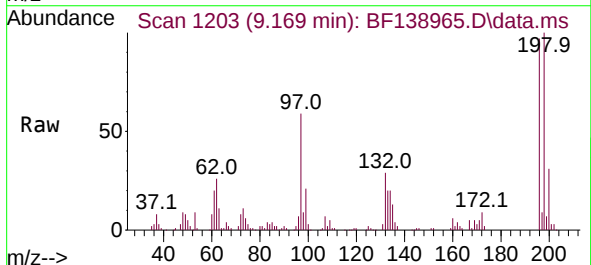
Ion Ratio Lower Upper

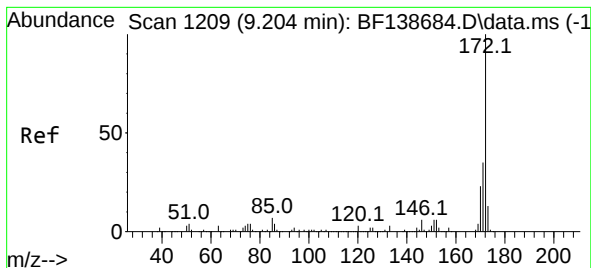
196 100

198 103.5 81.2 121.8

97 60.6 47.8 71.6

132 30.5 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 82.543 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF138965.D

Acq: 13 Aug 2024 10:08

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

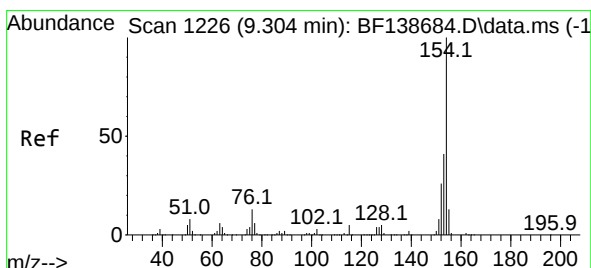
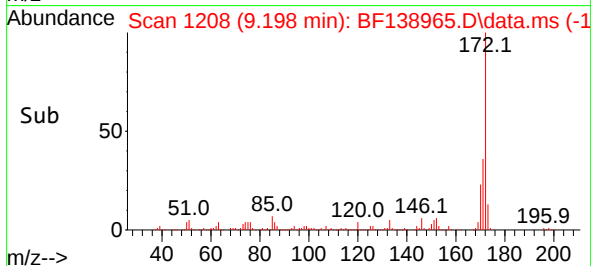
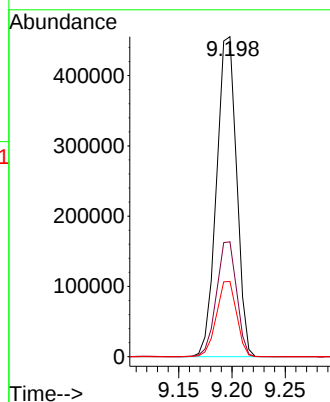
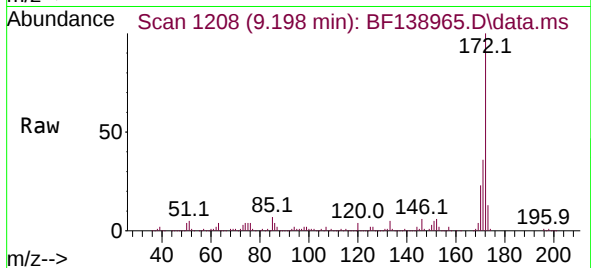
Tgt Ion:172 Resp: 596252

Ion Ratio Lower Upper

172 100

171 35.9 28.3 42.5

170 23.5 18.8 28.2



#46

1,1'-Biphenyl

Concen: 39.901 ng

RT: 9.298 min Scan# 1225

Delta R.T. -0.006 min

Lab File: BF138965.D

Acq: 13 Aug 2024 10:08

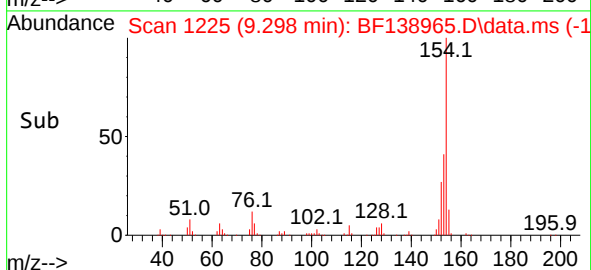
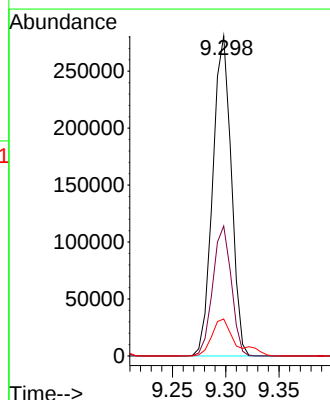
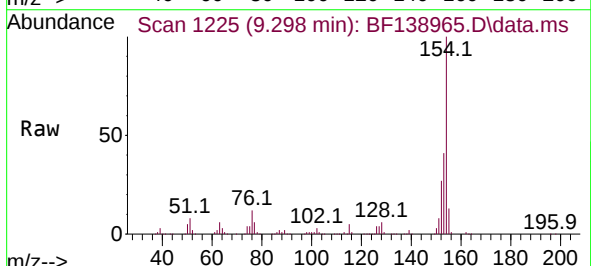
Tgt Ion:154 Resp: 339171

Ion Ratio Lower Upper

154 100

153 40.6 20.8 60.8

76 11.5 0.0 32.8

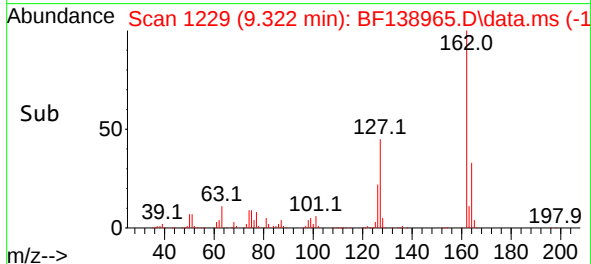
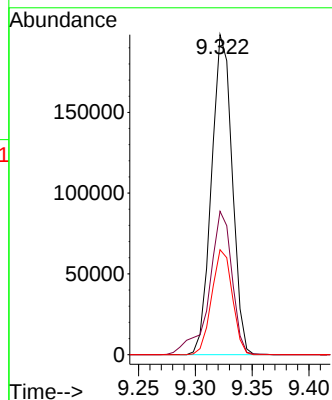
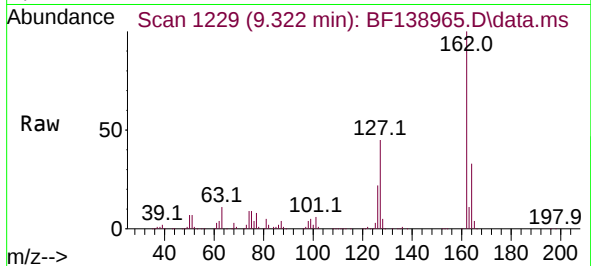




#47  
2-Chloronaphthalene  
Concen: 39.700 ng  
RT: 9.322 min Scan# 1230  
Delta R.T. -0.006 min  
Lab File: BF138965.D  
Acq: 13 Aug 2024 10:08

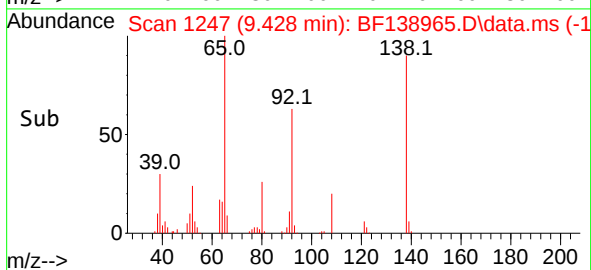
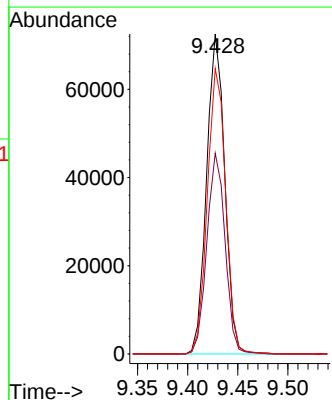
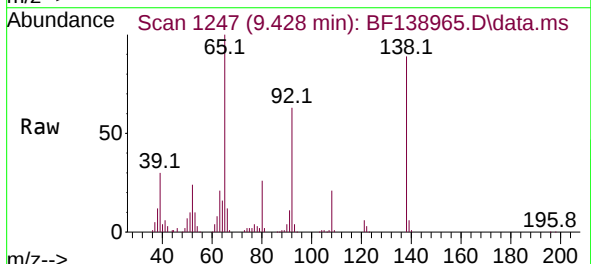
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

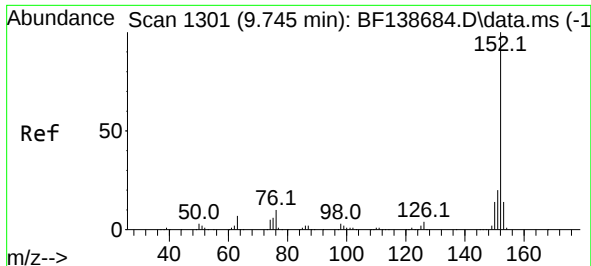
Tgt Ion:162 Resp: 250981  
Ion Ratio Lower Upper  
162 100  
127 44.8 35.4 53.2  
164 32.8 25.6 38.4



#48  
2-Nitroaniline  
Concen: 42.585 ng  
RT: 9.428 min Scan# 1247  
Delta R.T. -0.000 min  
Lab File: BF138965.D  
Acq: 13 Aug 2024 10:08

Tgt Ion: 65 Resp: 91268  
Ion Ratio Lower Upper  
65 100  
92 62.7 52.0 78.0  
138 89.2 76.2 114.4





#49

Acenaphthylene

Concen: 39.838 ng

RT: 9.739 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138965.D

Acq: 13 Aug 2024 10:08

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

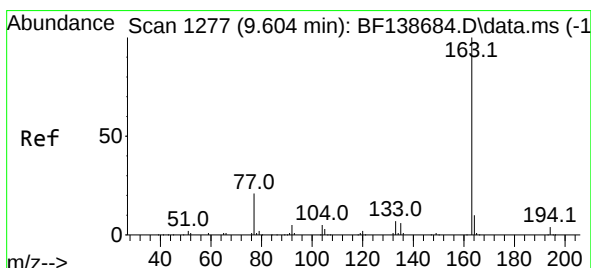
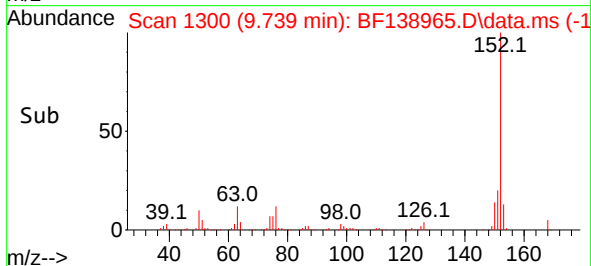
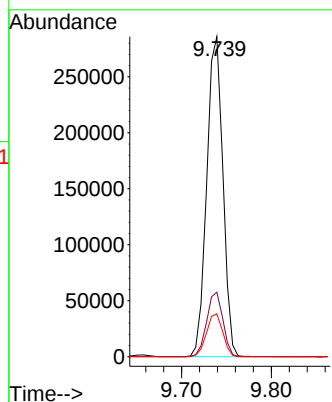
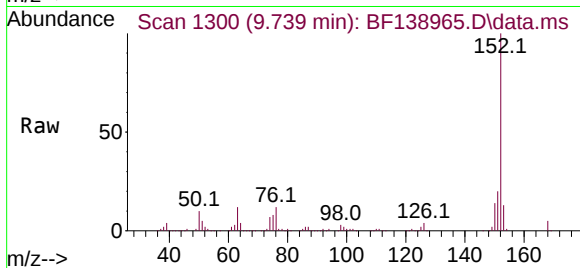
Tgt Ion:152 Resp: 357198

Ion Ratio Lower Upper

152 100

151 20.2 16.0 24.0

153 13.4 11.0 16.4



#50

Dimethylphthalate

Concen: 41.967 ng

RT: 9.598 min Scan# 1276

Delta R.T. -0.006 min

Lab File: BF138965.D

Acq: 13 Aug 2024 10:08

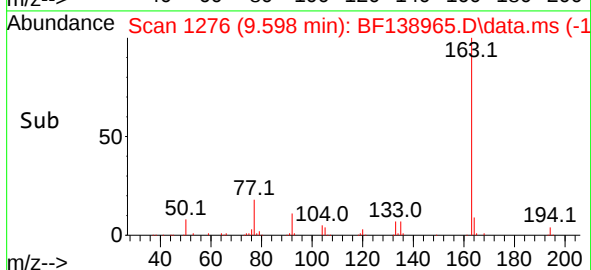
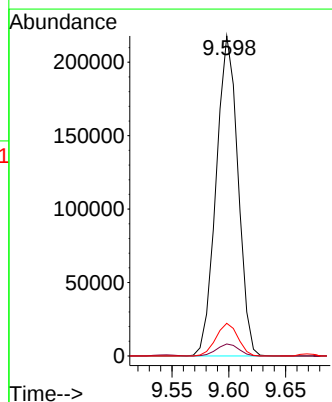
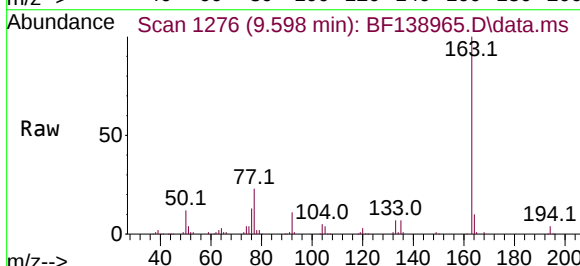
Tgt Ion:163 Resp: 291241

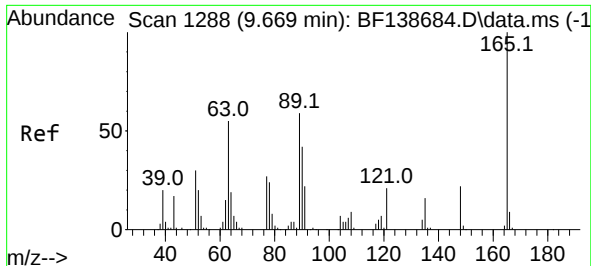
Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

164 10.2 7.8 11.8

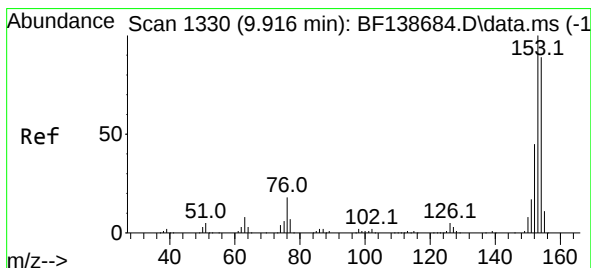
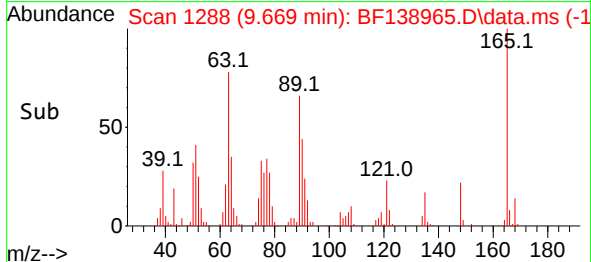
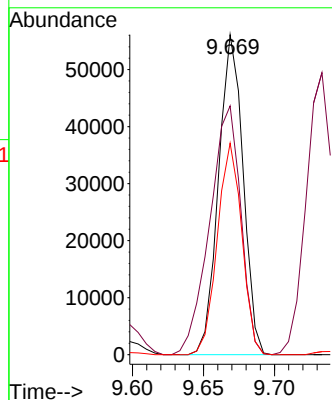
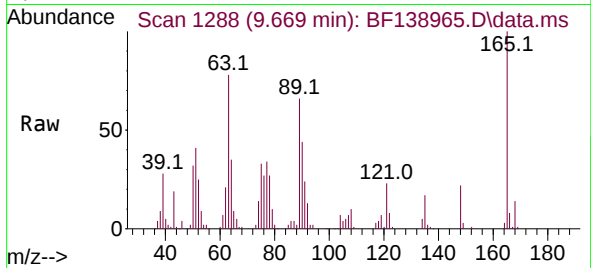




#51  
2,6-Dinitrotoluene  
Concen: 42.959 ng  
RT: 9.669 min Scan# 1328  
Delta R.T. -0.000 min  
Lab File: BF138965.D  
Acq: 13 Aug 2024 10:08

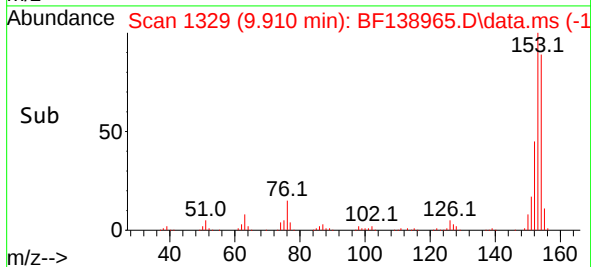
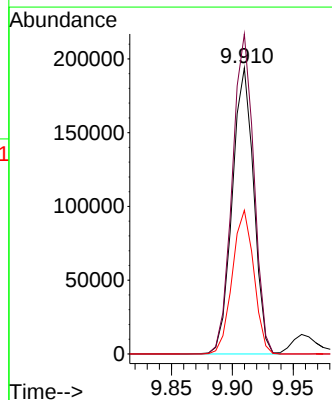
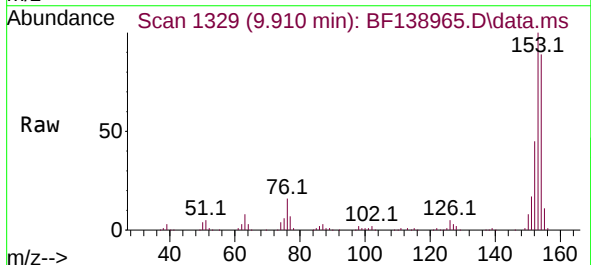
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:165 Resp: 67281  
Ion Ratio Lower Upper  
165 100  
63 77.7 52.0 78.0  
89 66.1 47.0 70.6



#52  
Acenaphthene  
Concen: 39.557 ng  
RT: 9.910 min Scan# 1329  
Delta R.T. -0.006 min  
Lab File: BF138965.D  
Acq: 13 Aug 2024 10:08

Tgt Ion:154 Resp: 238425  
Ion Ratio Lower Upper  
154 100  
153 111.9 89.9 134.9  
152 50.2 40.6 60.8





#53

3-Nitroaniline

Concen: 39.724 ng

RT: 9.845 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF138965.D

Acq: 13 Aug 2024 10:08

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

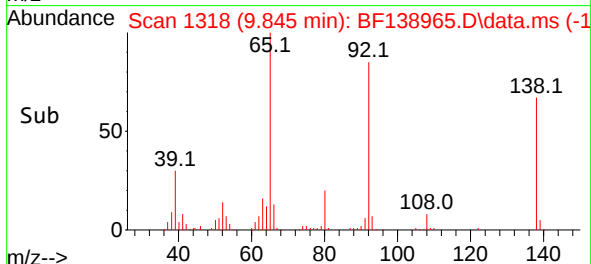
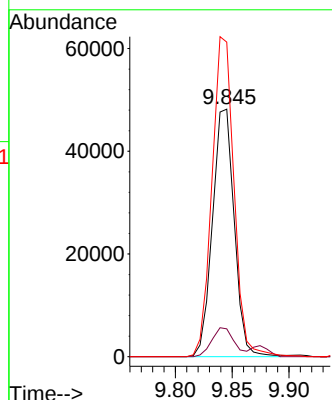
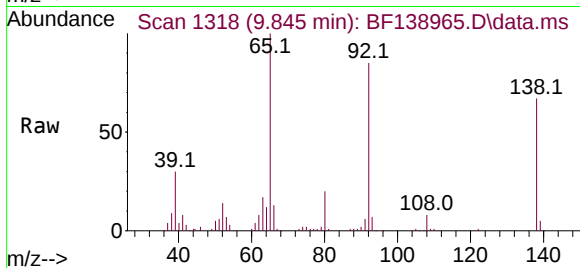
Tgt Ion:138 Resp: 64317

Ion Ratio Lower Upper

138 100

108 11.2 9.1 13.7

92 127.0 98.7 148.1



#54

2,4-Dinitrophenol

Concen: 37.319 ng

RT: 9.957 min Scan# 1337

Delta R.T. 0.006 min

Lab File: BF138965.D

Acq: 13 Aug 2024 10:08

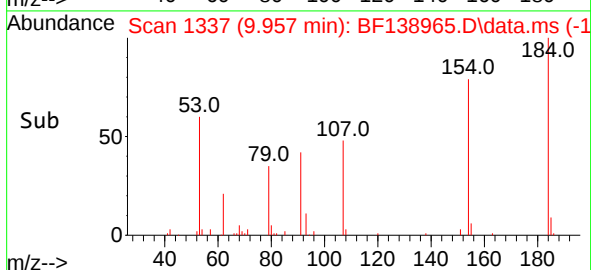
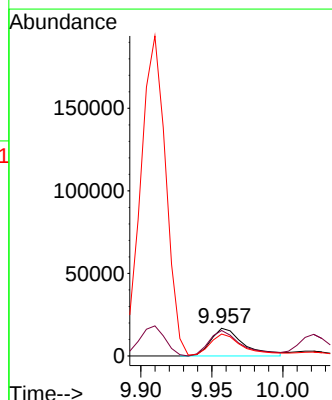
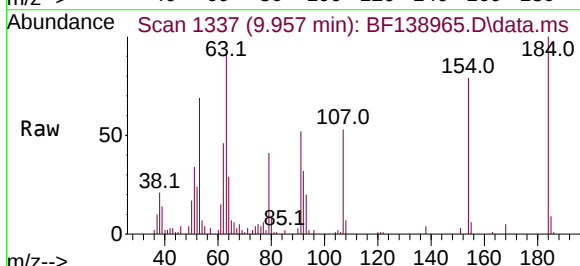
Tgt Ion:184 Resp: 26906

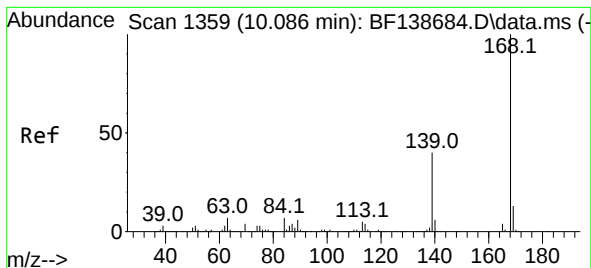
Ion Ratio Lower Upper

184 100

63 92.1 57.5 86.3#

154 79.2 51.7 77.5#





#55

Dibenzenofuran

Concen: 41.116 ng

RT: 10.080 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138965.D

Acq: 13 Aug 2024 10:08

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

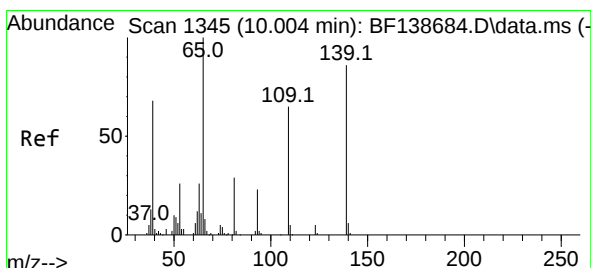
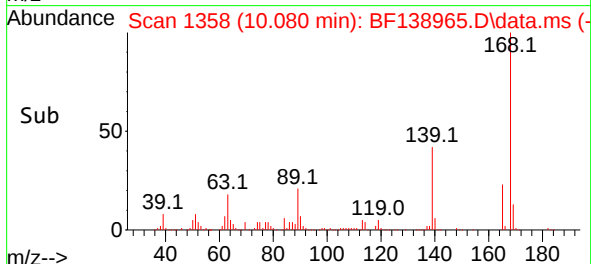
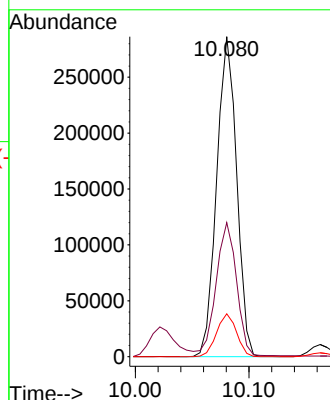
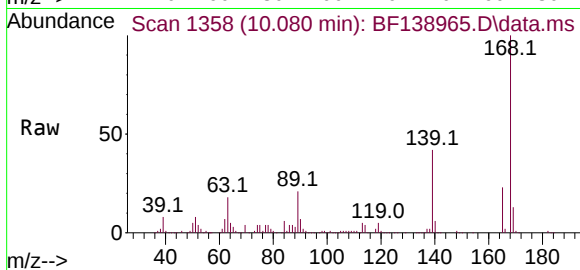
Tgt Ion:168 Resp: 349823

Ion Ratio Lower Upper

168 100

139 41.9 32.6 49.0

169 13.4 10.7 16.1



#56

4-Nitrophenol

Concen: 42.323 ng

RT: 10.022 min Scan# 1348

Delta R.T. 0.018 min

Lab File: BF138965.D

Acq: 13 Aug 2024 10:08

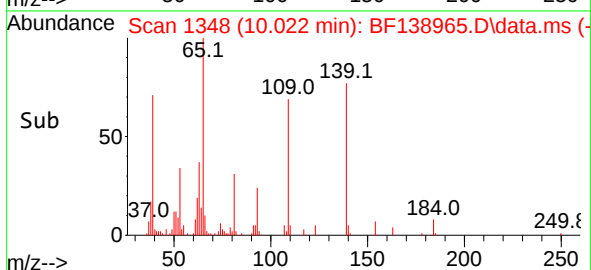
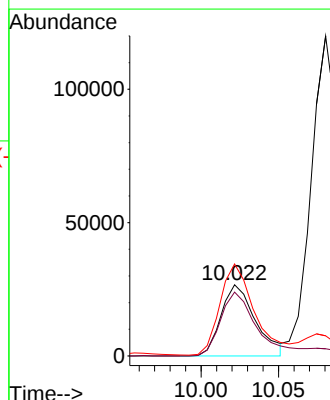
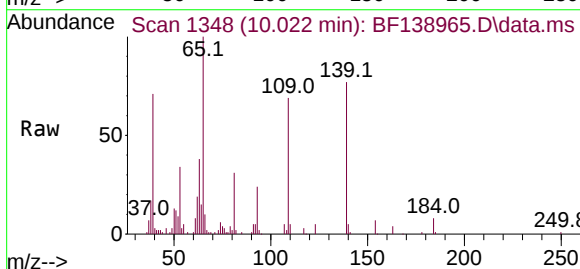
Tgt Ion:139 Resp: 41207

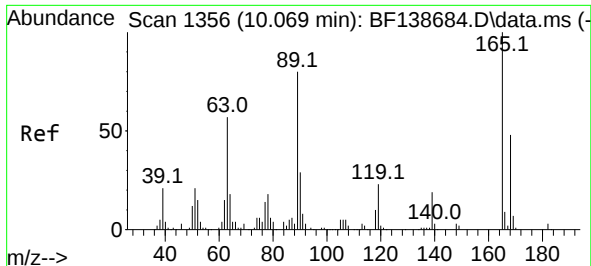
Ion Ratio Lower Upper

139 100

109 89.7 55.5 95.5

65 129.3 96.7 136.7

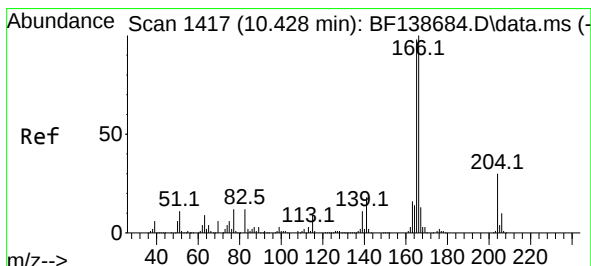
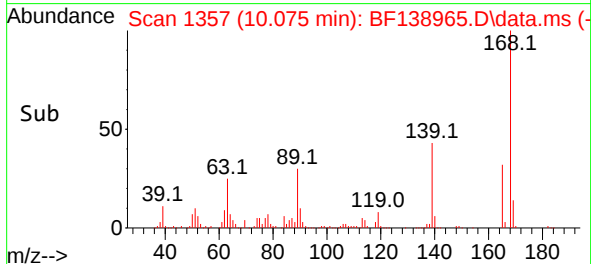
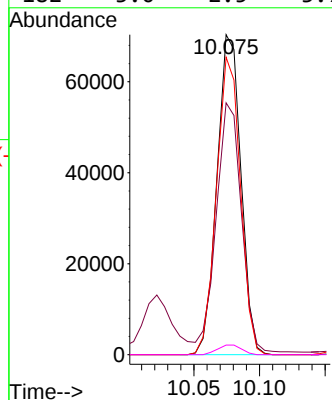
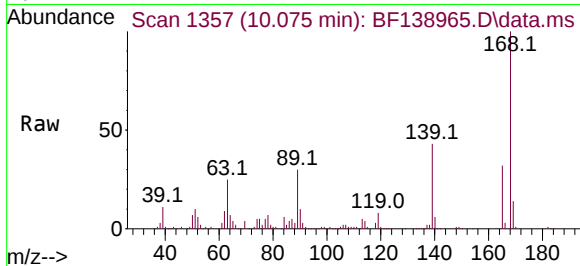




#57  
2,4-Dinitrotoluene  
Concen: 44.712 ng  
RT: 10.075 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF138965.D  
Acq: 13 Aug 2024 10:08

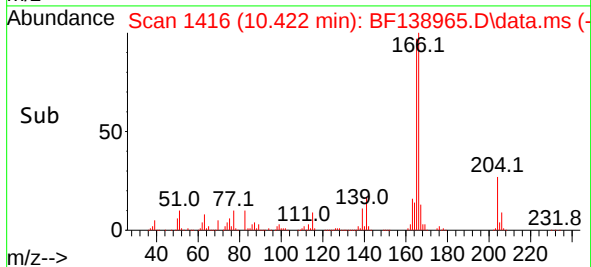
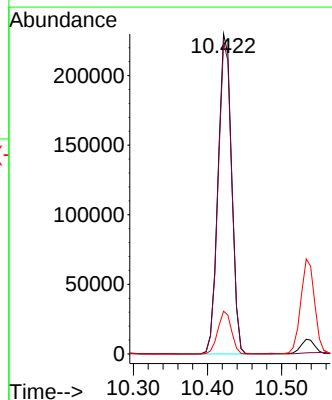
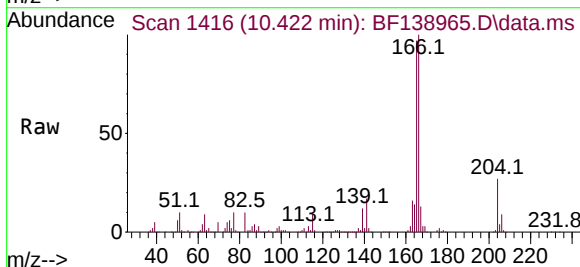
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

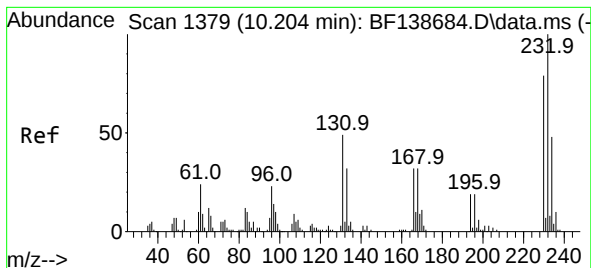
Tgt Ion:165 Resp: 89344  
Ion Ratio Lower Upper  
165 100  
63 78.7 46.3 69.5#  
89 92.9 64.2 96.4  
182 3.0 2.5 3.7



#58  
Fluorene  
Concen: 43.082 ng  
RT: 10.422 min Scan# 1416  
Delta R.T. -0.006 min  
Lab File: BF138965.D  
Acq: 13 Aug 2024 10:08

Tgt Ion:166 Resp: 291898  
Ion Ratio Lower Upper  
166 100  
165 97.5 78.4 117.6  
167 13.3 10.6 16.0

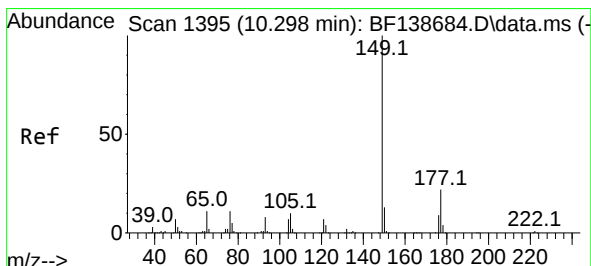
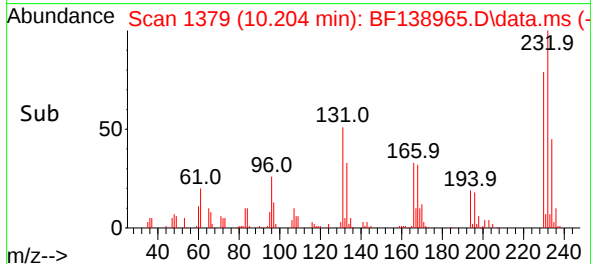
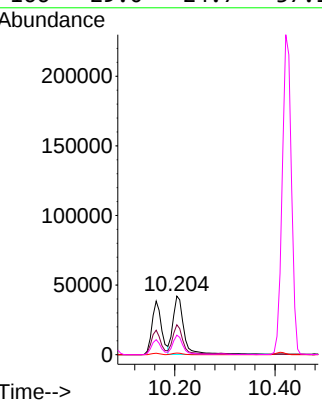
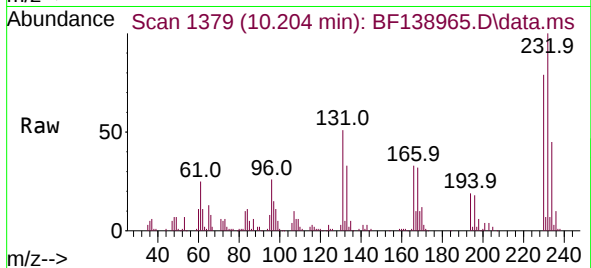




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 41.523 ng  
RT: 10.204 min Scan# 1379  
Delta R.T. -0.000 min  
Lab File: BF138965.D  
Acq: 13 Aug 2024 10:08

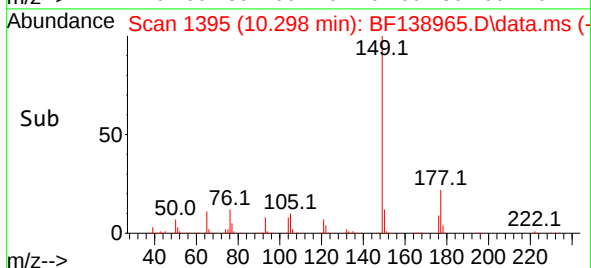
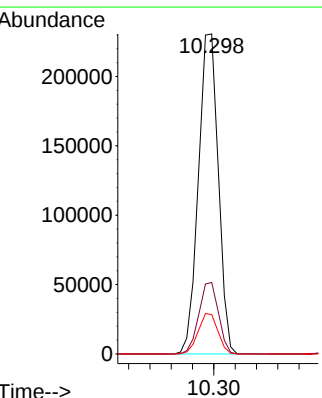
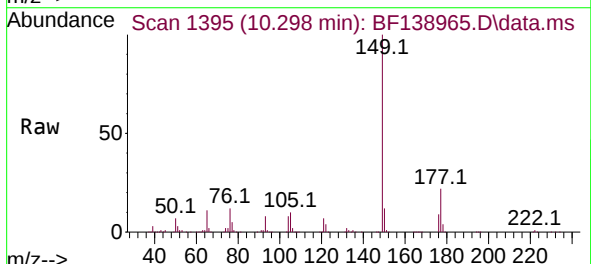
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

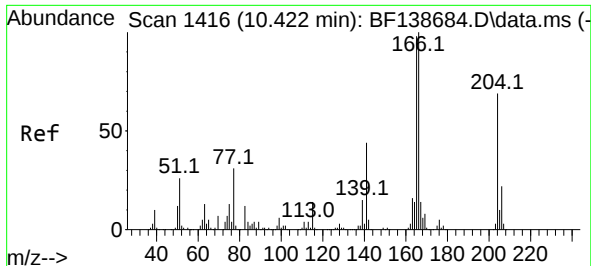
Tgt Ion:232 Resp: 63795  
Ion Ratio Lower Upper  
232 100  
131 47.6 37.0 55.4  
130 2.6 2.0 3.0  
166 29.0 24.7 37.1



#60  
Diethylphthalate  
Concen: 45.507 ng  
RT: 10.298 min Scan# 1395  
Delta R.T. -0.000 min  
Lab File: BF138965.D  
Acq: 13 Aug 2024 10:08

Tgt Ion:149 Resp: 299444  
Ion Ratio Lower Upper  
149 100  
177 22.4 17.8 26.8  
150 12.3 10.1 15.1

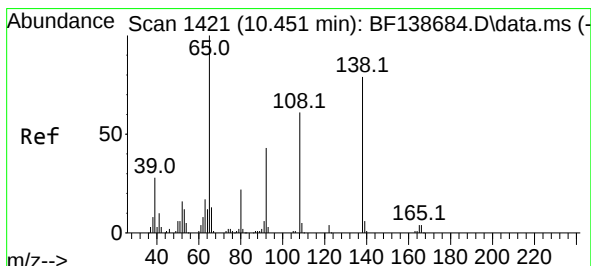
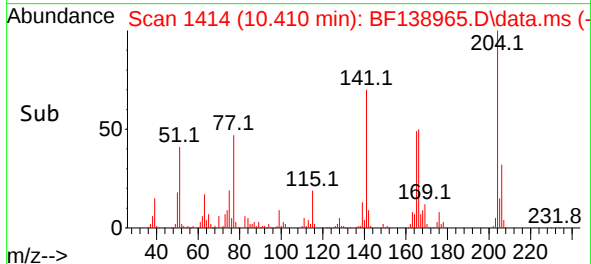
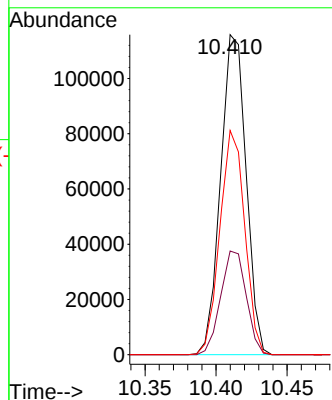
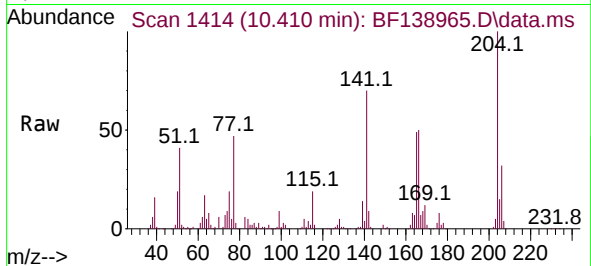




#61  
4-Chlorophenyl-phenylether  
Concen: 43.462 ng  
RT: 10.410 min Scan# 1414  
Delta R.T. -0.012 min  
Lab File: BF138965.D  
Acq: 13 Aug 2024 10:08

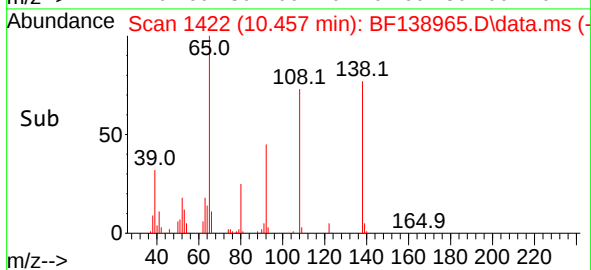
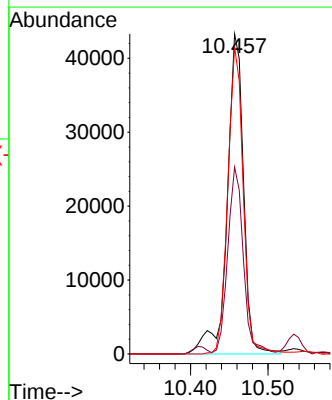
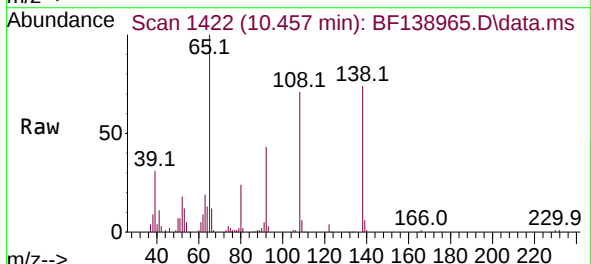
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

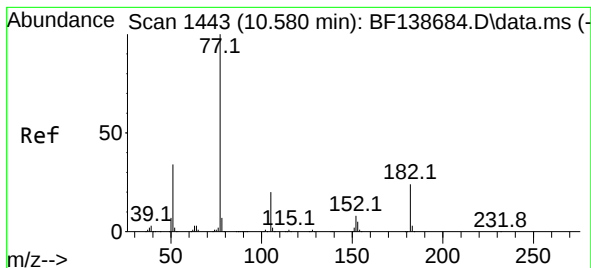
Tgt Ion:204 Resp: 144826  
Ion Ratio Lower Upper  
204 100  
206 32.4 26.1 39.1  
141 70.0 51.4 77.0



#62  
4-Nitroaniline  
Concen: 41.221 ng  
RT: 10.457 min Scan# 1422  
Delta R.T. 0.006 min  
Lab File: BF138965.D  
Acq: 13 Aug 2024 10:08

Tgt Ion:138 Resp: 63424  
Ion Ratio Lower Upper  
138 100  
92 58.4 34.2 74.2  
108 95.9 56.2 96.2





#63

Azobenzene

Concen: 42.022 ng

RT: 10.575 min Scan# 1443

Delta R.T. -0.006 min

Lab File: BF138965.D

Acq: 13 Aug 2024 10:08

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 306678

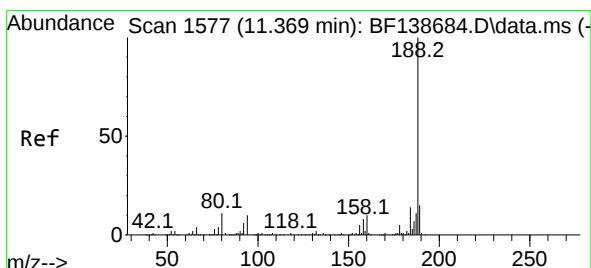
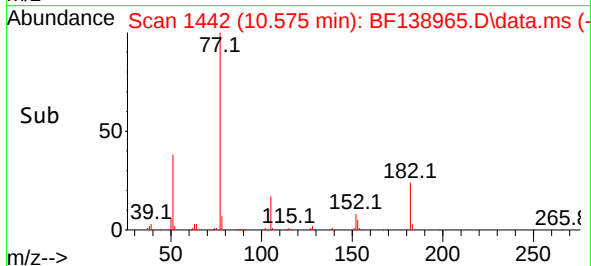
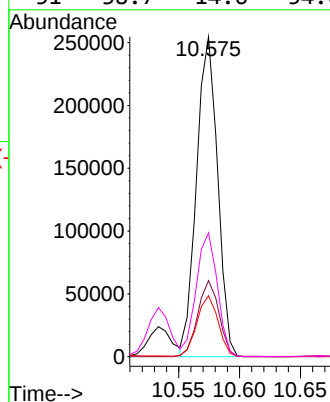
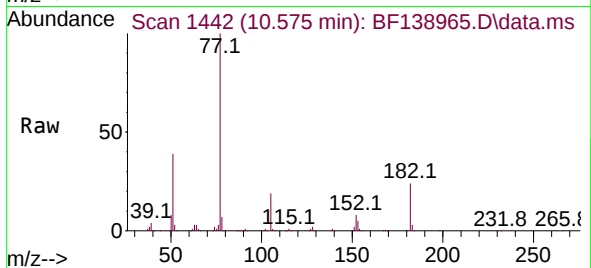
Ion Ratio Lower Upper

77 100

182 23.7 3.4 43.4

105 19.1 0.2 40.2

51 38.7 14.6 54.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1576

Delta R.T. -0.006 min

Lab File: BF138965.D

Acq: 13 Aug 2024 10:08

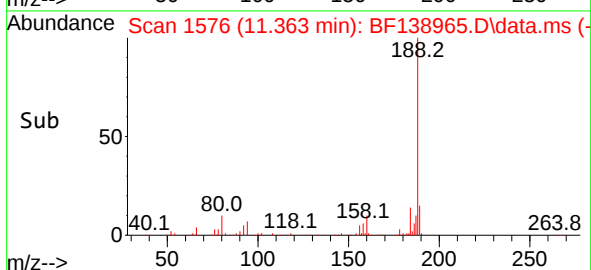
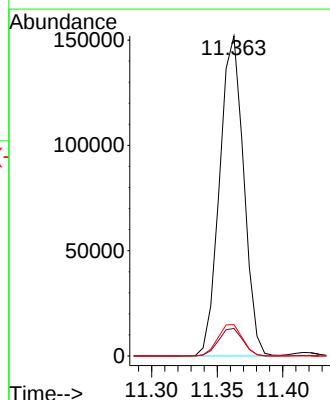
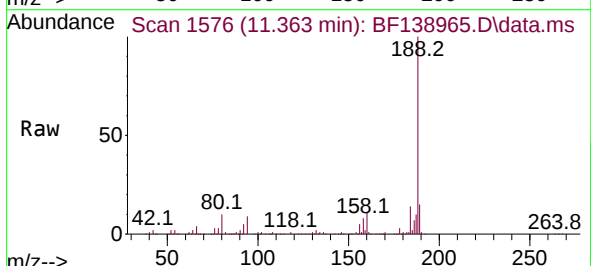
Tgt Ion: 188 Resp: 193718

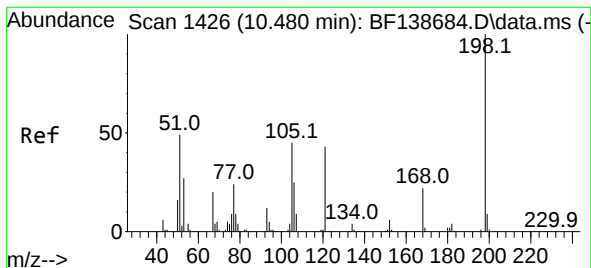
Ion Ratio Lower Upper

188 100

94 8.6 7.6 11.4

80 9.8 8.6 12.8

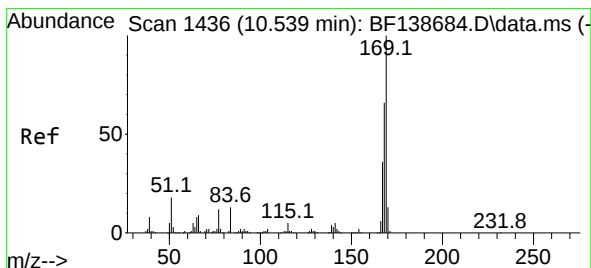
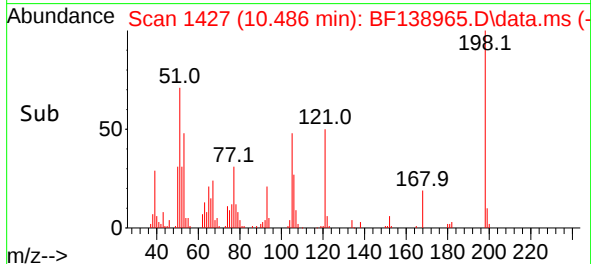
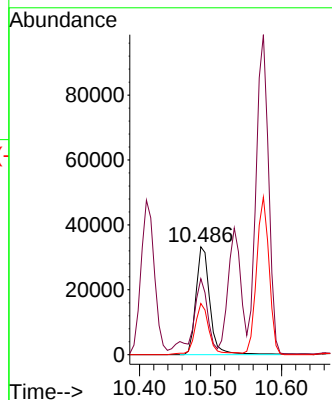
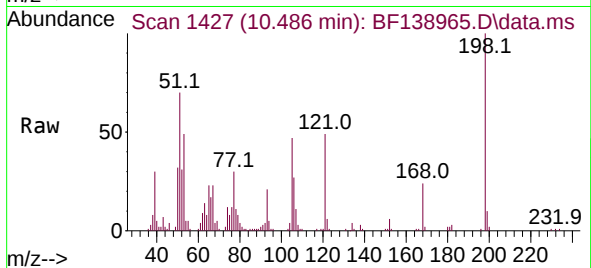




#65  
4,6-Dinitro-2-methylphenol  
Concen: 38.336 ng  
RT: 10.486 min Scan# 1426  
Delta R.T. 0.006 min  
Lab File: BF138965.D  
Acq: 13 Aug 2024 10:08

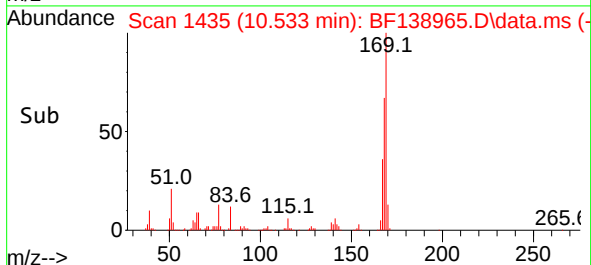
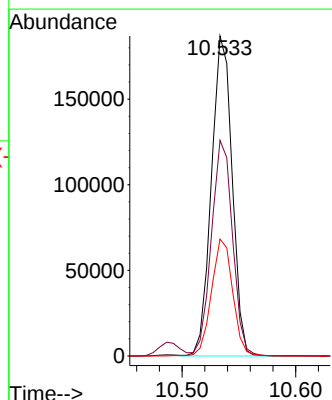
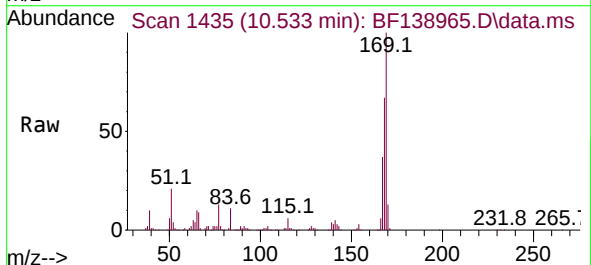
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:198 Resp: 45307  
Ion Ratio Lower Upper  
198 100  
51 70.5 39.9 79.9  
105 47.5 26.1 66.1



#66  
n-Nitrosodiphenylamine  
Concen: 39.074 ng  
RT: 10.533 min Scan# 1435  
Delta R.T. -0.006 min  
Lab File: BF138965.D  
Acq: 13 Aug 2024 10:08

Tgt Ion:169 Resp: 236601  
Ion Ratio Lower Upper  
169 100  
168 67.3 53.0 79.6  
167 36.5 29.0 43.6

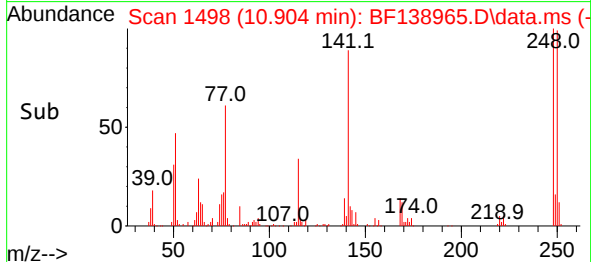
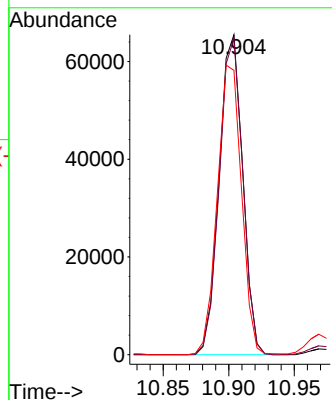
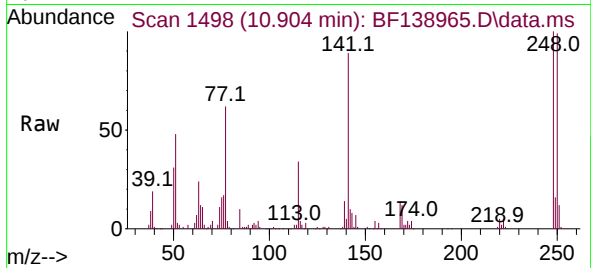




#67  
4-Bromophenyl-phenylether  
Concen: 38.868 ng  
RT: 10.904 min Scan# 1499  
Delta R.T. -0.006 min  
Lab File: BF138965.D  
Acq: 13 Aug 2024 10:08

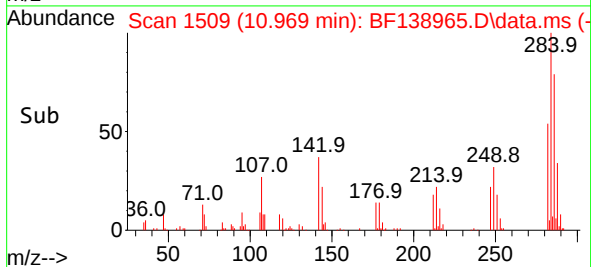
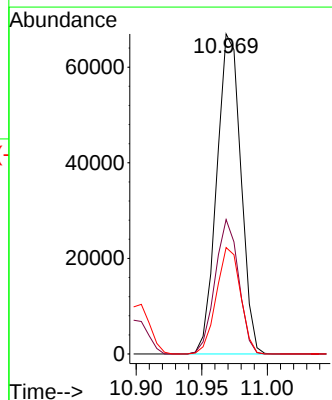
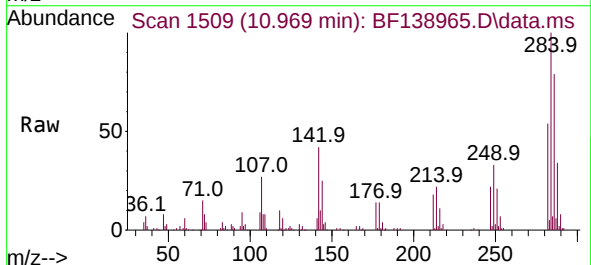
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:248 Resp: 81521  
Ion Ratio Lower Upper  
248 100  
250 98.9 77.7 116.5  
141 88.9 68.0 102.0



#68  
Hexachlorobenzene  
Concen: 39.467 ng  
RT: 10.969 min Scan# 1509  
Delta R.T. -0.006 min  
Lab File: BF138965.D  
Acq: 13 Aug 2024 10:08

Tgt Ion:284 Resp: 85468  
Ion Ratio Lower Upper  
284 100  
142 42.0 31.3 46.9  
249 33.3 27.2 40.8





#69

Atrazine

Concen: 41.401 ng

RT: 11.063 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF138965.D

Acq: 13 Aug 2024 10:08

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

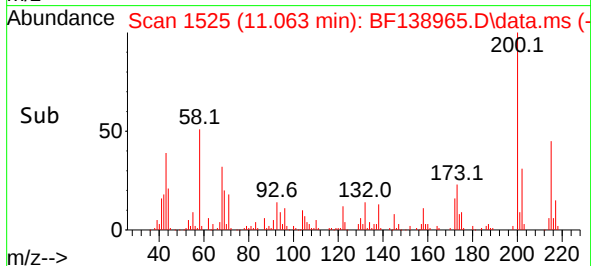
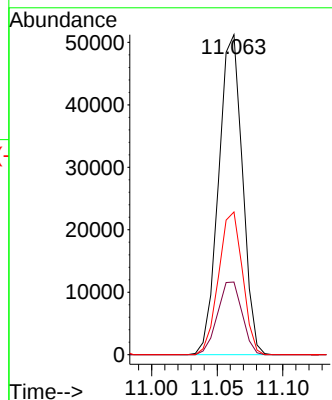
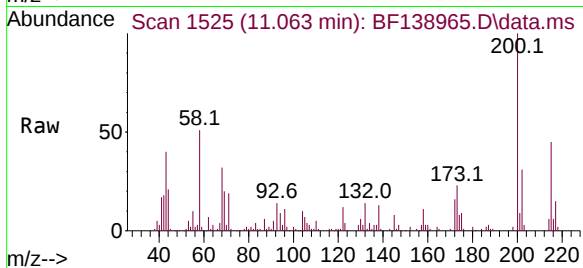
Tgt Ion:200 Resp: 64679

Ion Ratio Lower Upper

200 100

173 22.7 6.0 46.0

215 44.6 26.1 66.1



#70

Pentachlorophenol

Concen: 35.149 ng

RT: 11.174 min Scan# 1544

Delta R.T. -0.001 min

Lab File: BF138965.D

Acq: 13 Aug 2024 10:08

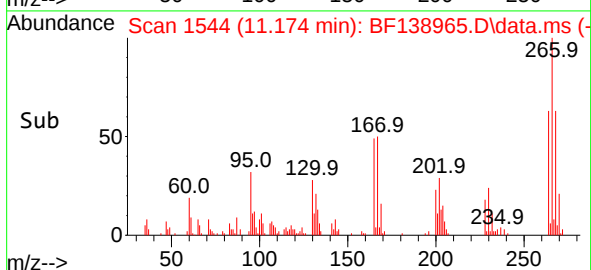
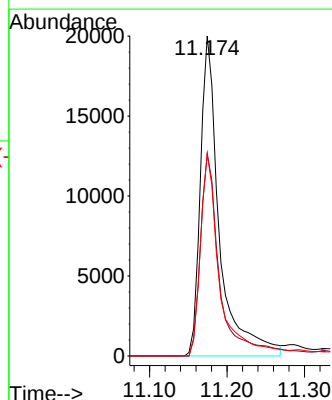
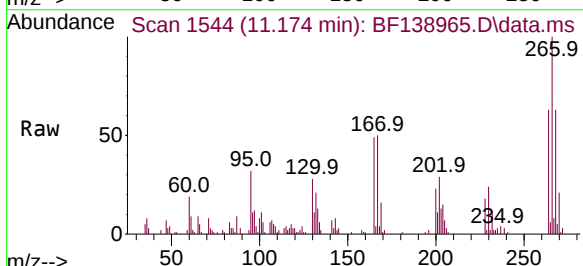
Tgt Ion:266 Resp: 34309

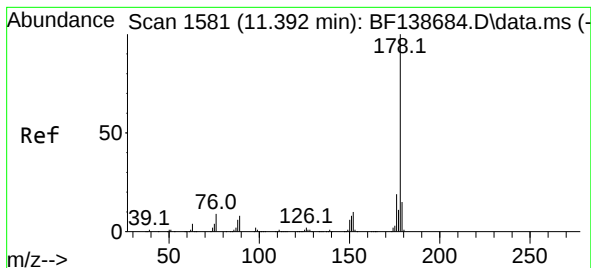
Ion Ratio Lower Upper

266 100

268 63.3 49.2 73.8

264 63.1 49.8 74.6





#71

Phenanthrene

Concen: 40.052 ng

RT: 11.386 min Scan# 1580

Delta R.T. -0.006 min

Lab File: BF138965.D

Acq: 13 Aug 2024 10:08

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

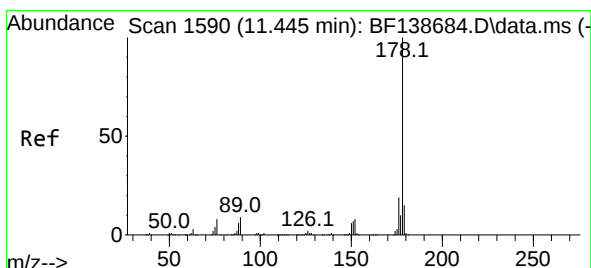
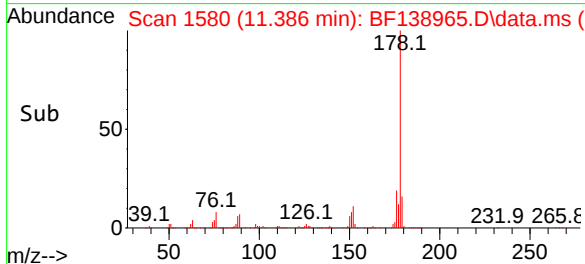
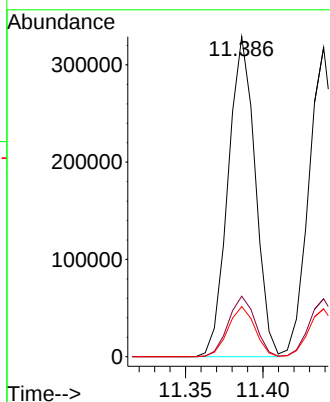
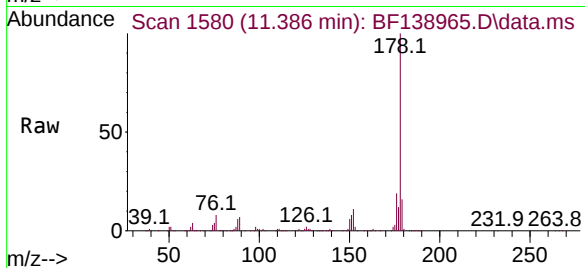
Tgt Ion:178 Resp: 399518

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.0

179 15.6 12.2 18.2



#72

Anthracene

Concen: 40.037 ng

RT: 11.439 min Scan# 1589

Delta R.T. -0.006 min

Lab File: BF138965.D

Acq: 13 Aug 2024 10:08

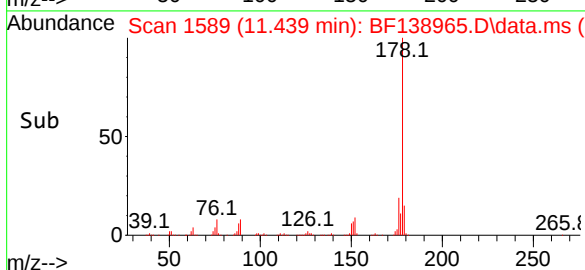
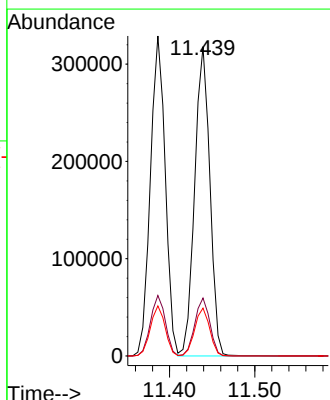
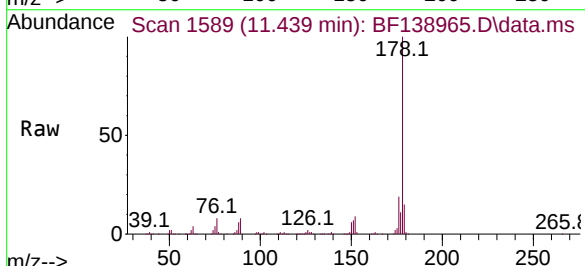
Tgt Ion:178 Resp: 393434

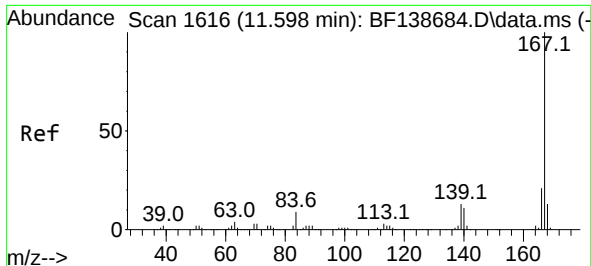
Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

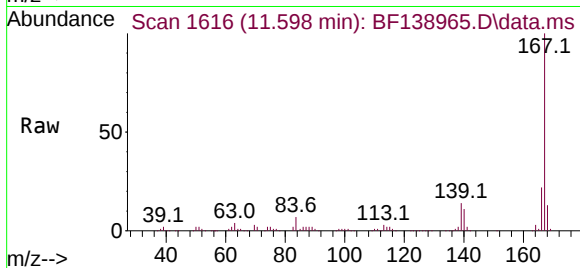
179 15.5 12.4 18.6



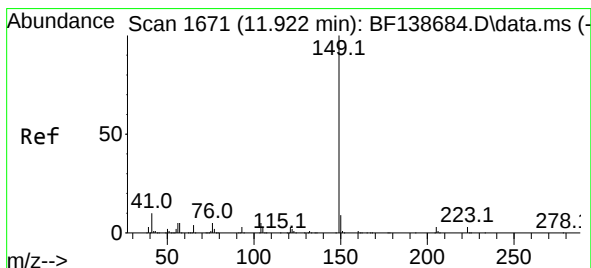
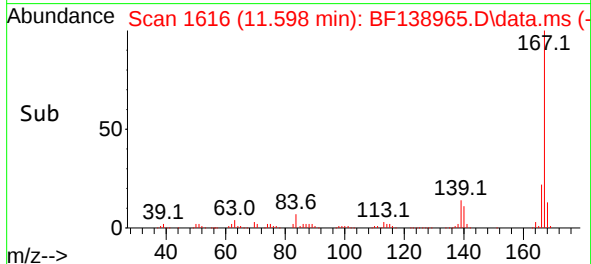
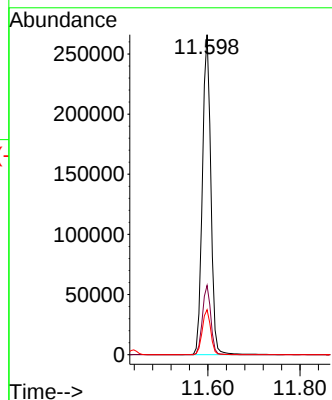


#73  
Carbazole  
Concen: 39.944 ng  
RT: 11.598 min Scan# 1616  
Delta R.T. -0.000 min  
Lab File: BF138965.D  
Acq: 13 Aug 2024 10:08

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

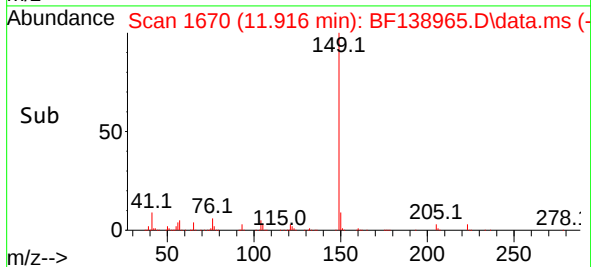
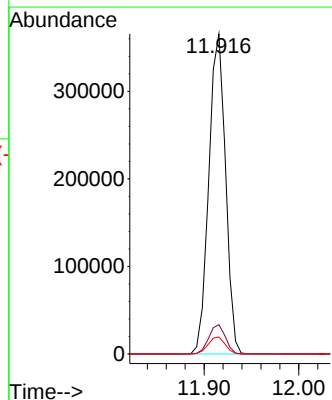
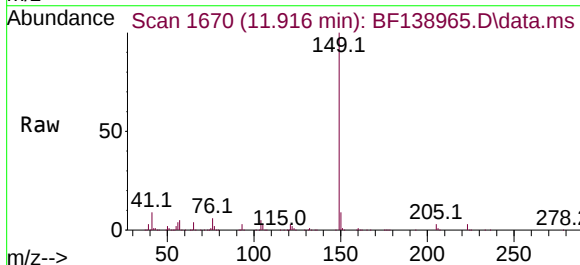


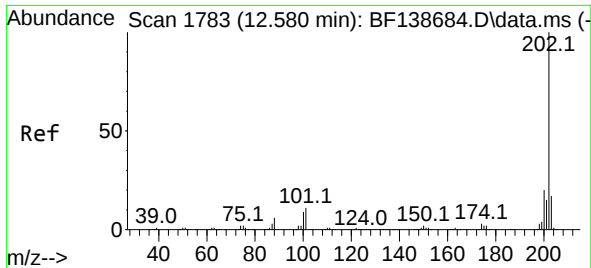
Tgt Ion:167 Resp: 338647  
Ion Ratio Lower Upper  
167 100  
166 21.6 17.2 25.8  
139 14.1 10.6 16.0



#74  
Di-n-butylphthalate  
Concen: 47.073 ng  
RT: 11.916 min Scan# 1670  
Delta R.T. -0.006 min  
Lab File: BF138965.D  
Acq: 13 Aug 2024 10:08

Tgt Ion:149 Resp: 448632  
Ion Ratio Lower Upper  
149 100  
150 9.2 7.4 11.0  
104 5.3 4.1 6.1

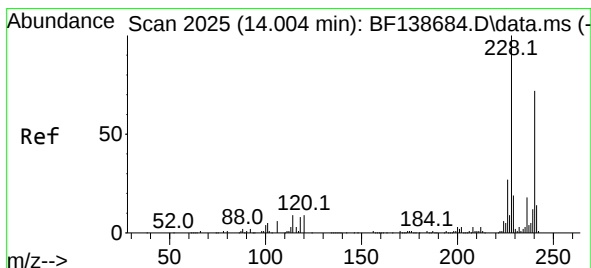
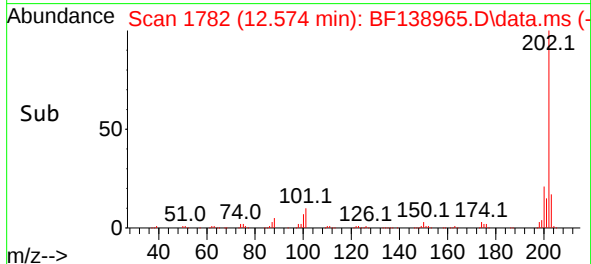
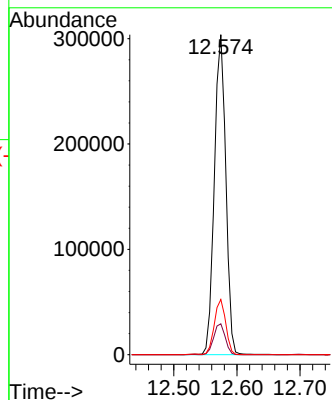
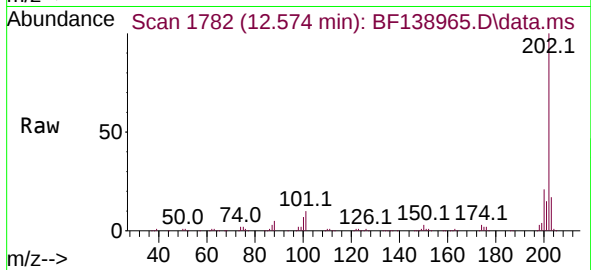




#75  
Fluoranthene  
Concen: 40.988 ng  
RT: 12.574 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BF138965.D  
Acq: 13 Aug 2024 10:08

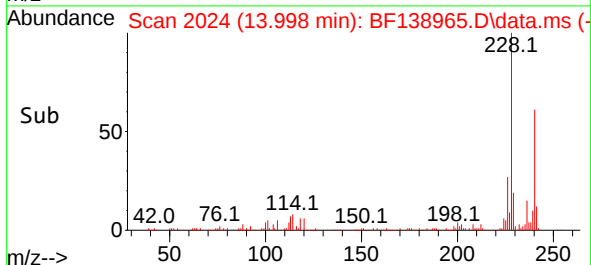
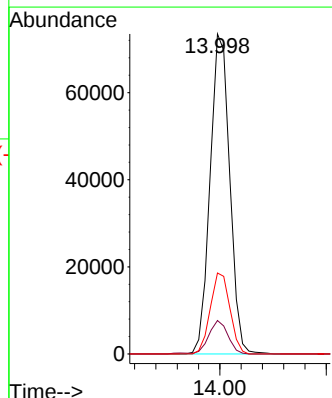
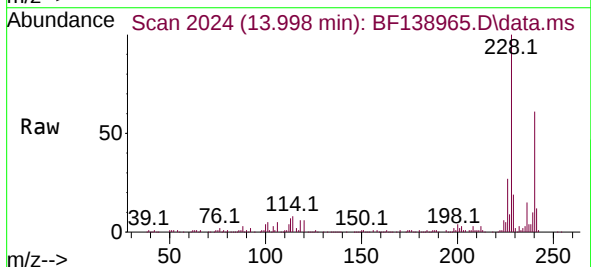
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

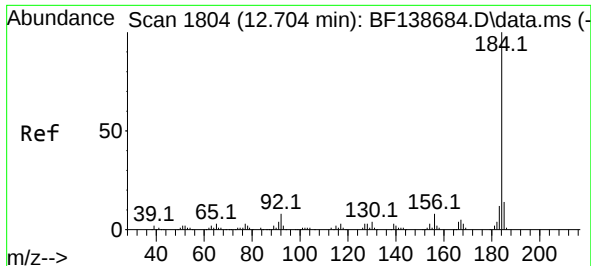
Tgt Ion:202 Resp: 381687  
Ion Ratio Lower Upper  
202 100  
101 9.7 0.0 31.2  
203 17.2 0.0 37.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.998 min Scan# 2024  
Delta R.T. -0.006 min  
Lab File: BF138965.D  
Acq: 13 Aug 2024 10:08

Tgt Ion:240 Resp: 93804  
Ion Ratio Lower Upper  
240 100  
120 10.4 10.2 15.4  
236 25.3 19.8 29.8

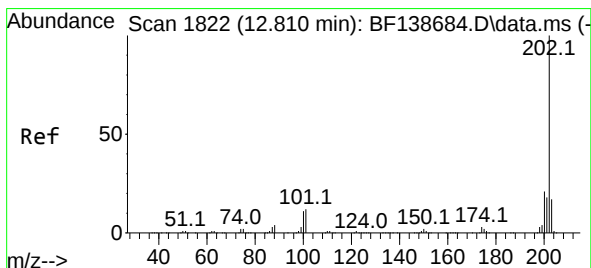
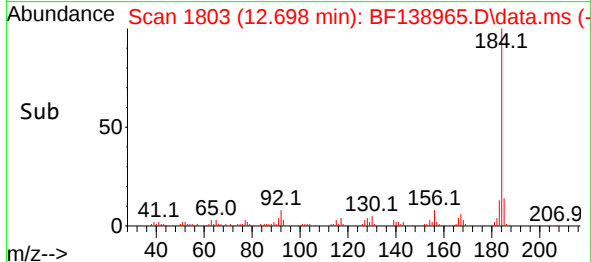
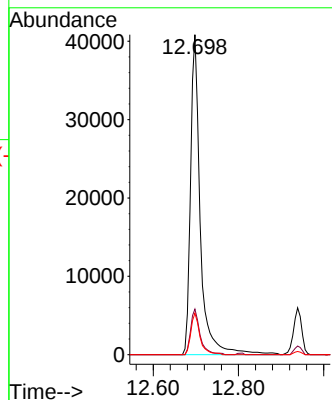
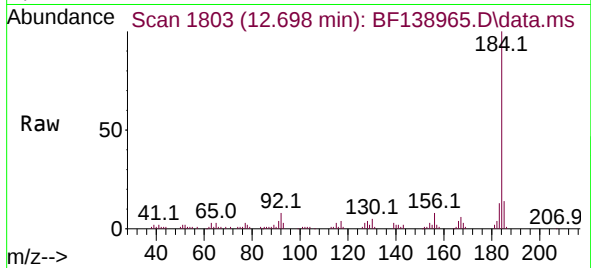




#77  
Benzidine  
Concen: 29.106 ng  
RT: 12.698 min Scan# 1803  
Delta R.T. -0.006 min  
Lab File: BF138965.D  
Acq: 13 Aug 2024 10:08

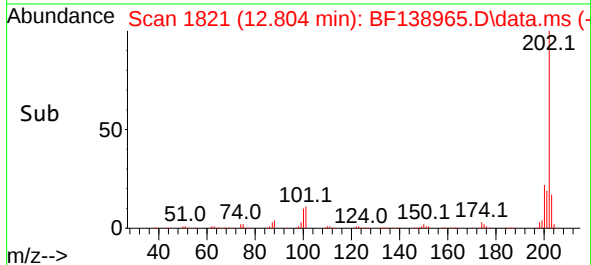
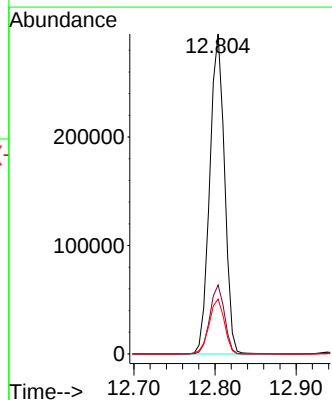
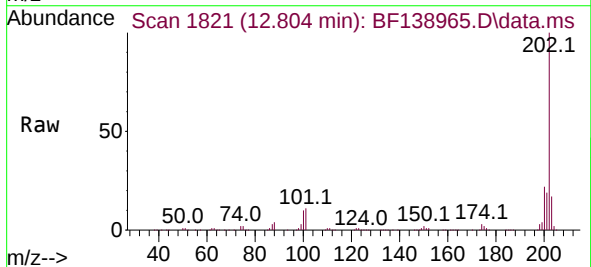
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:184 Resp: 65303  
Ion Ratio Lower Upper  
184 100  
185 14.2 11.1 16.7  
183 13.0 9.6 14.4



#78  
Pyrene  
Concen: 42.200 ng  
RT: 12.804 min Scan# 1821  
Delta R.T. -0.006 min  
Lab File: BF138965.D  
Acq: 13 Aug 2024 10:08

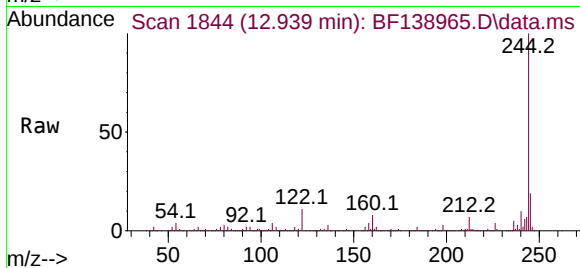
Tgt Ion:202 Resp: 372704  
Ion Ratio Lower Upper  
202 100  
200 21.5 16.8 25.2  
203 17.1 13.8 20.6



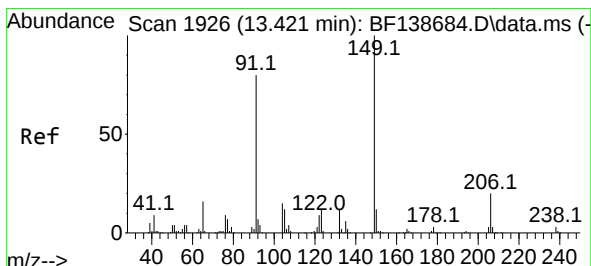
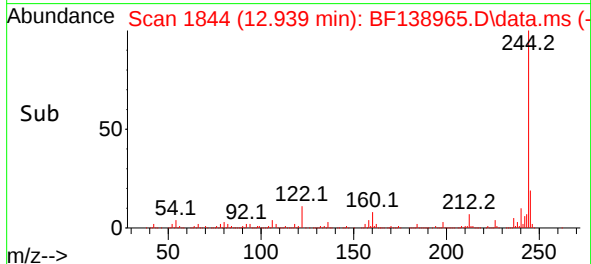
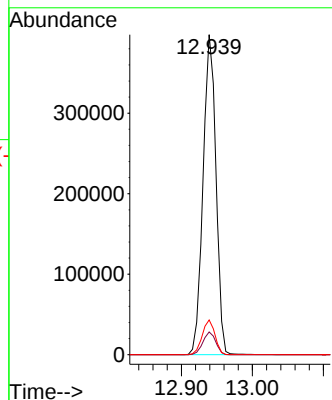


#79  
 Terphenyl-d14  
 Concen: 89.966 ng  
 RT: 12.939 min Scan# 1844  
 Delta R.T. -0.006 min  
 Lab File: BF138965.D  
 Acq: 13 Aug 2024 10:08

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

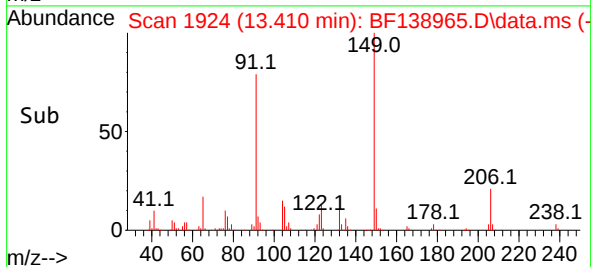
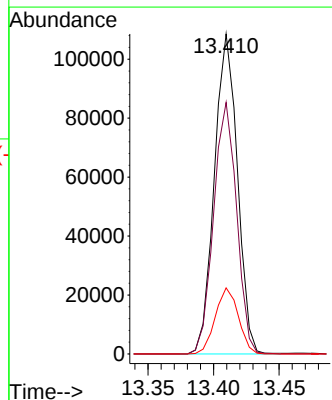
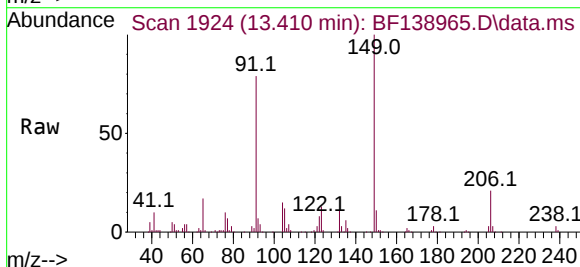


Tgt Ion:244 Resp: 504053  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 5.4 8.2  
 122 10.9 9.6 14.4



#80  
 Butylbenzylphthalate  
 Concen: 46.891 ng  
 RT: 13.410 min Scan# 1924  
 Delta R.T. -0.012 min  
 Lab File: BF138965.D  
 Acq: 13 Aug 2024 10:08

Tgt Ion:149 Resp: 132619  
 Ion Ratio Lower Upper  
 149 100  
 91 78.6 63.7 95.5  
 206 20.7 16.2 24.2





#81

Benzo(a)anthracene

Concen: 41.142 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF138965.D

Acq: 13 Aug 2024 10:08

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

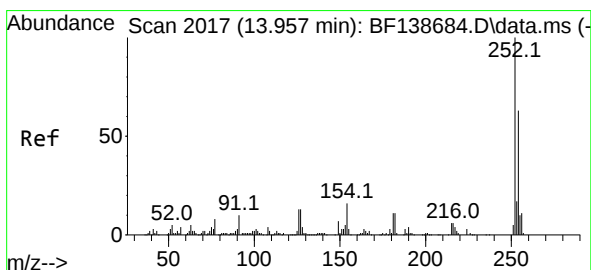
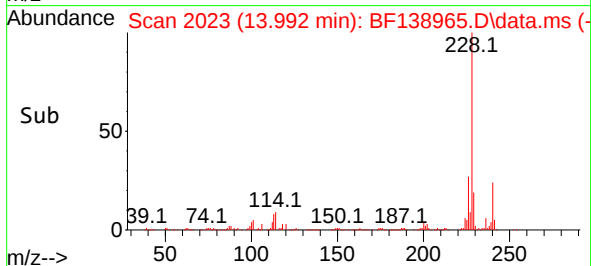
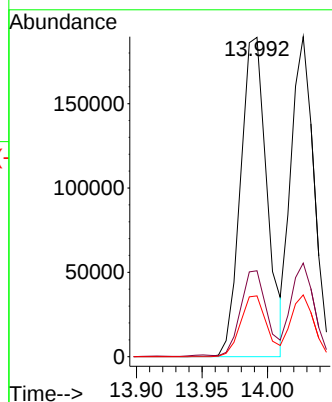
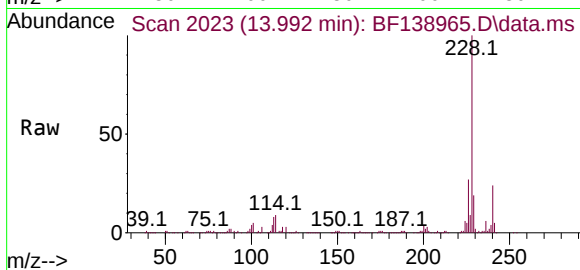
Tgt Ion:228 Resp: 265759

Ion Ratio Lower Upper

228 100

226 26.9 22.1 33.1

229 19.0 15.4 23.0



#82

3,3'-Dichlorobenzidine

Concen: 40.835 ng

RT: 13.951 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF138965.D

Acq: 13 Aug 2024 10:08

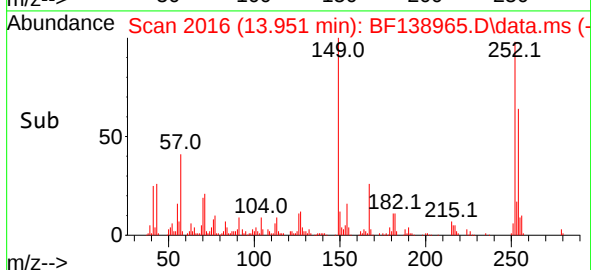
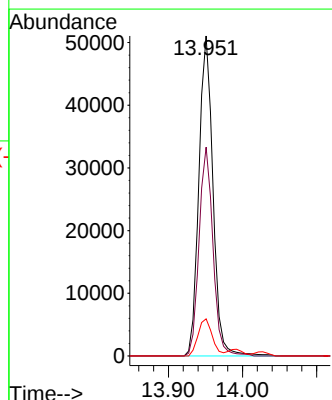
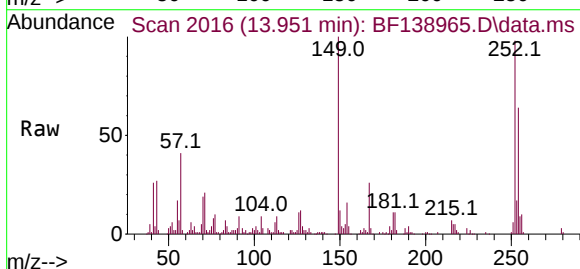
Tgt Ion:252 Resp: 67501

Ion Ratio Lower Upper

252 100

254 65.2 50.8 76.2

126 11.6 10.2 15.2





#83

Chrysene

Concen: 39.504 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF138965.D

Acq: 13 Aug 2024 10:08

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

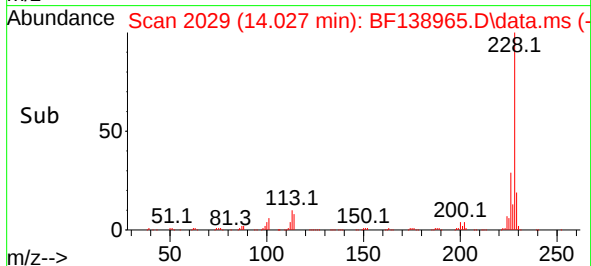
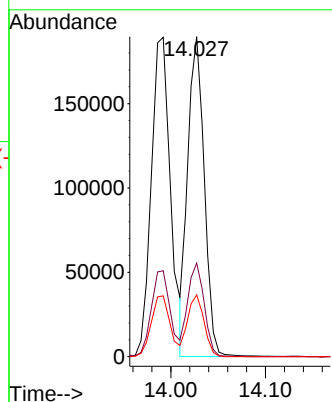
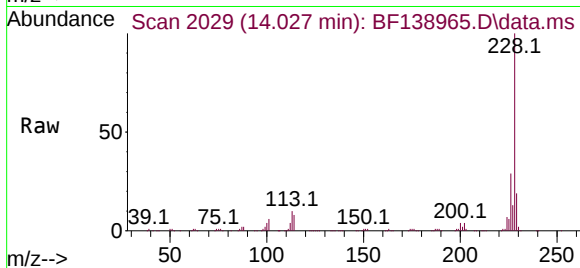
Tgt Ion:228 Resp: 230220

Ion Ratio Lower Upper

228 100

226 29.3 23.7 35.5

229 19.3 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.442 ng

RT: 13.963 min Scan# 2018

Delta R.T. -0.018 min

Lab File: BF138965.D

Acq: 13 Aug 2024 10:08

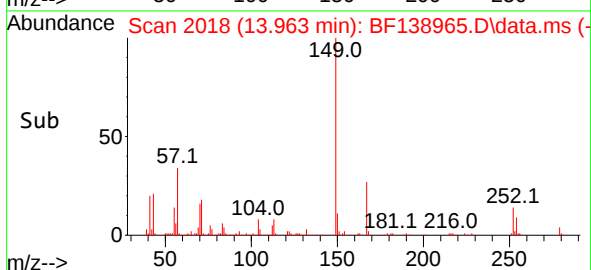
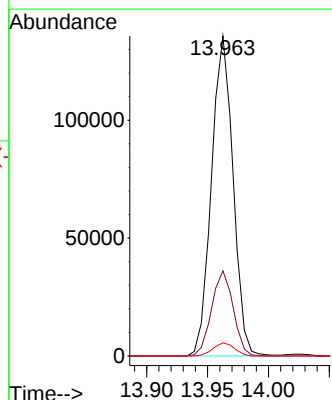
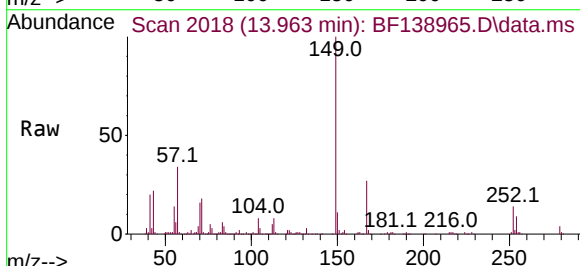
Tgt Ion:149 Resp: 167488

Ion Ratio Lower Upper

149 100

167 26.6 22.2 33.4

279 4.1 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 34.775 ng

RT: 14.574 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF138965.D

Acq: 13 Aug 2024 10:08

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

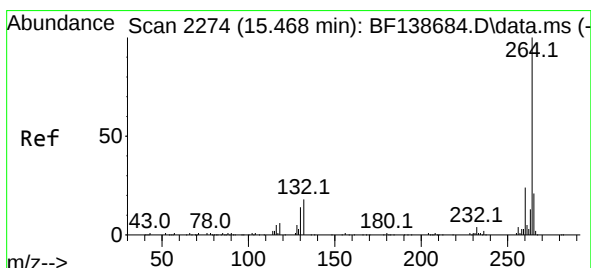
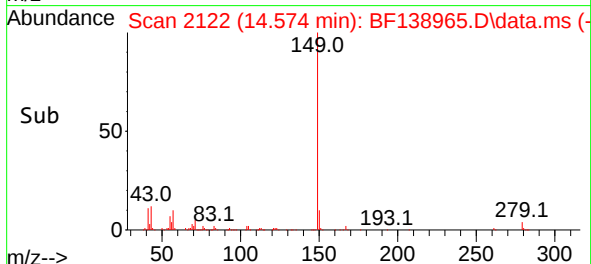
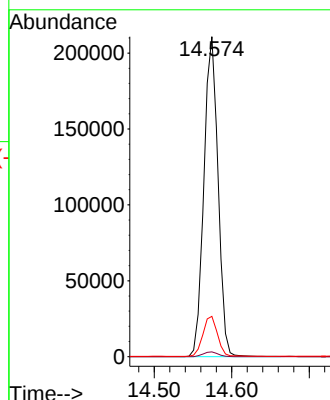
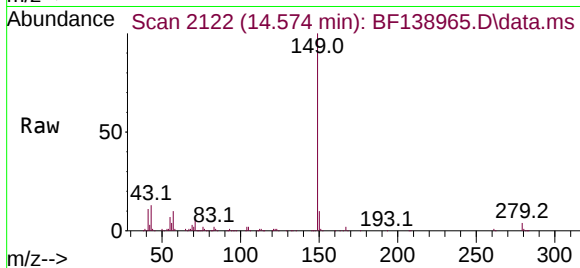
Tgt Ion:149 Resp: 266460

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

43 13.0 10.4 15.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF138965.D

Acq: 13 Aug 2024 10:08

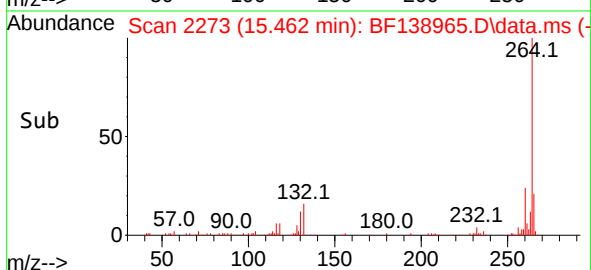
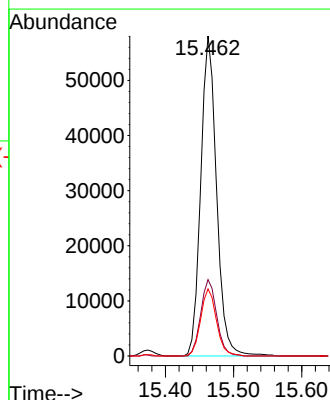
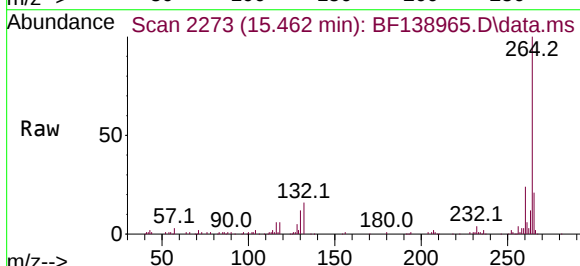
Tgt Ion:264 Resp: 93639

Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.6

265 21.0 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 34.933 ng

RT: 16.939 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF138965.D

Acq: 13 Aug 2024 10:08

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

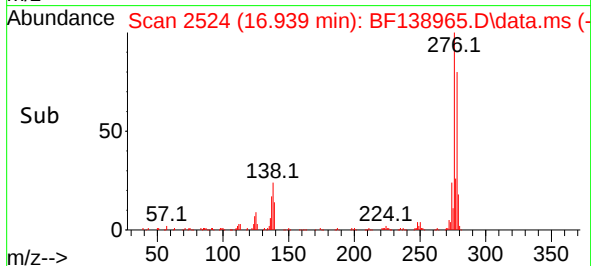
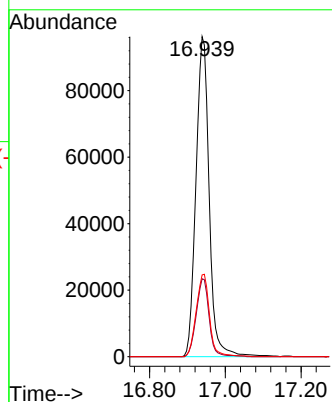
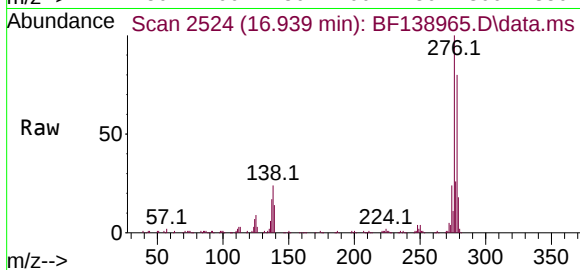
Tgt Ion:276 Resp: 234418

Ion Ratio Lower Upper

276 100

138 23.6 21.8 32.8

277 25.9 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 41.244 ng

RT: 15.039 min Scan# 2201

Delta R.T. -0.000 min

Lab File: BF138965.D

Acq: 13 Aug 2024 10:08

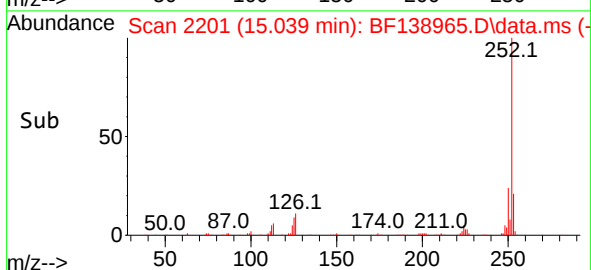
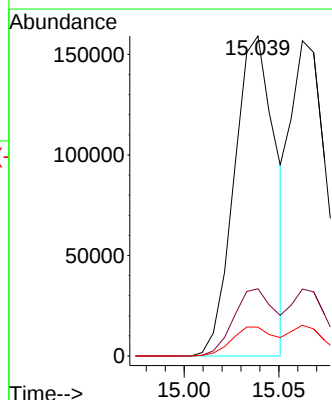
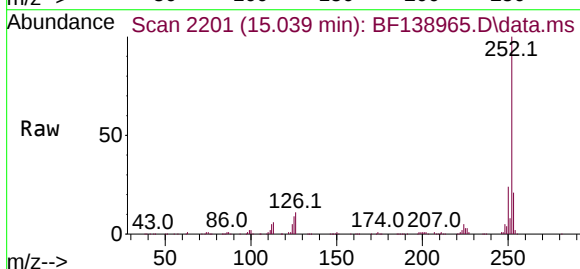
Tgt Ion:252 Resp: 239407

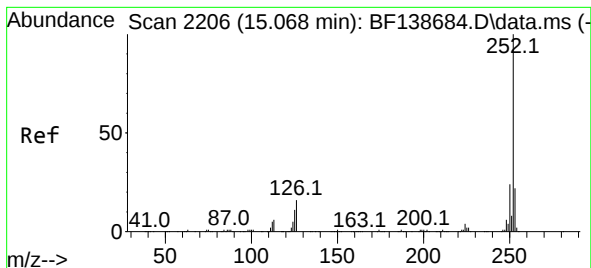
Ion Ratio Lower Upper

252 100

253 21.0 17.5 26.3

125 9.0 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 41.328 ng

RT: 15.062 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF138965.D

Acq: 13 Aug 2024 10:08

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

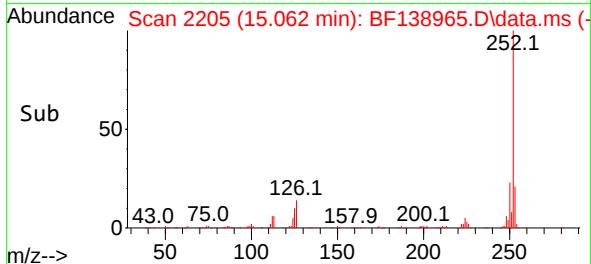
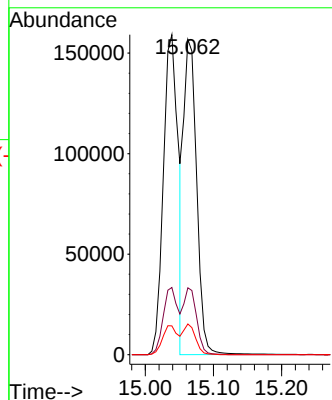
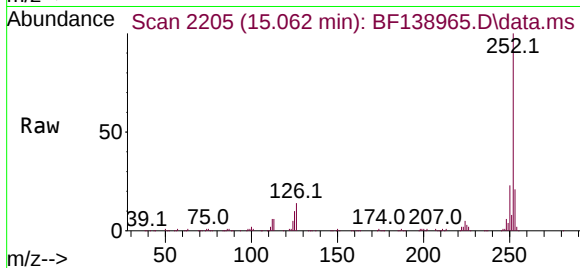
Tgt Ion:252 Resp: 207707

Ion Ratio Lower Upper

252 100

253 21.2 17.4 26.0

125 9.8 8.6 13.0



#90

Benzo(a)pyrene

Concen: 40.989 ng

RT: 15.404 min Scan# 2263

Delta R.T. -0.000 min

Lab File: BF138965.D

Acq: 13 Aug 2024 10:08

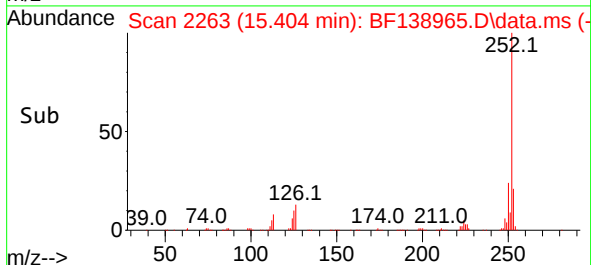
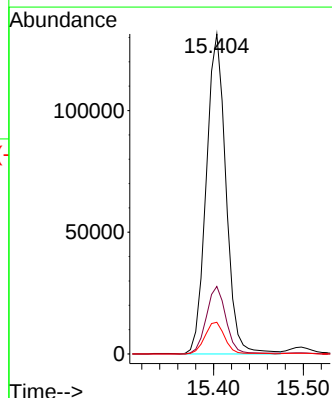
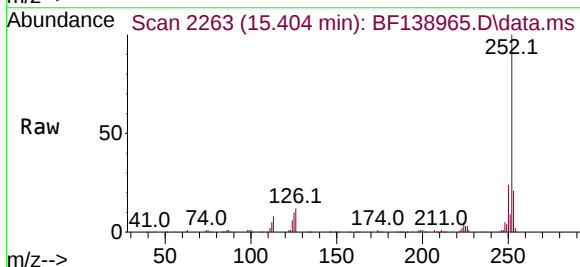
Tgt Ion:252 Resp: 200130

Ion Ratio Lower Upper

252 100

253 21.1 17.3 25.9

125 9.9 9.5 14.3

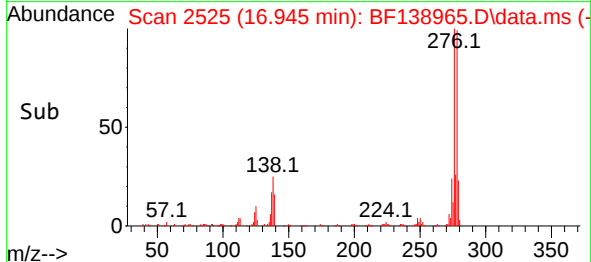
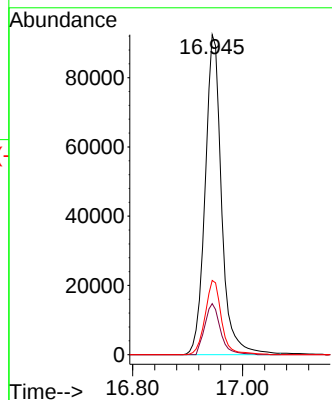
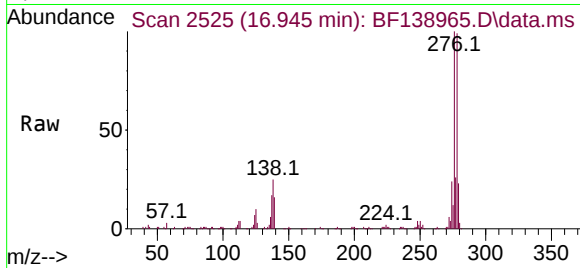




#91  
Dibenzo(a,h)anthracene  
Concen: 34.819 ng  
RT: 16.945 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BF138965.D  
Acq: 13 Aug 2024 10:08

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:278 Resp: 191802  
Ion Ratio Lower Upper  
278 100  
139 16.0 14.0 21.0  
279 23.2 19.0 28.4



#92  
Benzo(g,h,i)perylene  
Concen: 32.753 ng  
RT: 17.380 min Scan# 2599  
Delta R.T. -0.000 min  
Lab File: BF138965.D  
Acq: 13 Aug 2024 10:08

Tgt Ion:276 Resp: 187222  
Ion Ratio Lower Upper  
276 100  
277 23.2 19.0 28.4  
138 20.6 18.5 27.7

