

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF081624\  
 Data File : BF139049.D  
 Acq On : 16 Aug 2024 10:14  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Aug 16 11:05:05 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     | 6.840  | 152  | 62968    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.122  | 136  | 249711   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.875  | 164  | 137022   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.357 | 188  | 227673   | 20.000 | ng    | -0.01    |
| 76) Chrysene-d12              | 14.004 | 240  | 105031   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12              | 15.468 | 264  | 114377   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.469  | 112  | 321636   | 78.849 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.493  | 99   | 428675   | 78.273 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.410  | 82   | 433472   | 84.870 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.669 | 330  | 88212    | 78.593 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.192  | 172  | 767825   | 84.195 | ng    | -0.01    |
| 79) Terphenyl-d14             | 12.939 | 244  | 533878   | 85.104 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.581  | 88   | 65007    | 36.401 | ng    | 96       |
| 3) Pyridine                   | 3.340  | 79   | 161111   | 37.241 | ng    | 92       |
| 4) n-Nitrosodimethylamine     | 3.316  | 42   | 114727   | 44.527 | ng    | 82       |
| 6) Aniline                    | 6.510  | 93   | 189632   | 38.826 | ng    | # 62     |
| 8) 2-Chlorophenol             | 6.634  | 128  | 166734   | 38.850 | ng    | 99       |
| 9) Benzaldehyde               | 6.398  | 77   | 118638   | 36.137 | ng    | 99       |
| 10) Phenol                    | 6.504  | 94   | 219260   | 38.024 | ng    | # 75     |
| 11) bis(2-Chloroethyl)ether   | 6.581  | 93   | 164212   | 37.007 | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 6.775  | 146  | 188497   | 39.237 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.857  | 146  | 190376   | 39.267 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 7.010  | 146  | 182703   | 40.323 | ng    | 99       |
| 15) Benzyl Alcohol            | 6.993  | 79   | 167236   | 42.367 | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.110  | 45   | 283442   | 37.117 | ng    | # 45     |
| 17) 2-Methylphenol            | 7.104  | 107  | 138355   | 39.041 | ng    | # 88     |
| 18) Hexachloroethane          | 7.345  | 117  | 74111    | 40.610 | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 7.257  | 70   | 136129   | 41.154 | ng    | 96       |
| 20) 3+4-Methylphenols         | 7.263  | 107  | 186191   | 40.949 | ng    | # 79     |
| 22) Acetophenone              | 7.257  | 105  | 258017   | 42.200 | ng    | 97       |
| 24) Nitrobenzene              | 7.428  | 77   | 214085   | 41.192 | ng    | 100      |
| 25) Isophorone                | 7.669  | 82   | 354832   | 40.686 | ng    | 98       |
| 26) 2-Nitrophenol             | 7.740  | 139  | 92441    | 41.342 | ng    | 92       |
| 27) 2,4-Dimethylphenol        | 7.781  | 122  | 107303   | 40.109 | ng    | 96       |
| 28) bis(2-Chloroethoxy)met... | 7.869  | 93   | 209896   | 39.521 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.992  | 162  | 141784   | 41.243 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.063  | 180  | 160776   | 40.526 | ng    | 99       |
| 31) Naphthalene               | 8.145  | 128  | 528119   | 40.179 | ng    | 100      |
| 32) Benzoic acid              | 7.945  | 122  | 67981    | 32.326 | ng    | 91       |
| 33) 4-Chloroaniline           | 8.198  | 127  | 171404   | 38.848 | ng    | 96       |
| 34) Hexachlorobutadiene       | 8.251  | 225  | 105864   | 44.056 | ng    | 97       |
| 35) Caprolactam               | 8.587  | 113  | 34062    | 33.206 | ng    | 98       |
| 36) 4-Chloro-3-methylphenol   | 8.687  | 107  | 163681   | 41.662 | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.828  | 142  | 340362   | 41.002 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.928  | 142  | 332709   | 40.902 | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 8.998  | 216  | 156178   | 41.031 | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 8.975  | 237  | 32737    | 36.631 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.116  | 196  | 90860    | 39.151 | ng    | 100      |

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 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

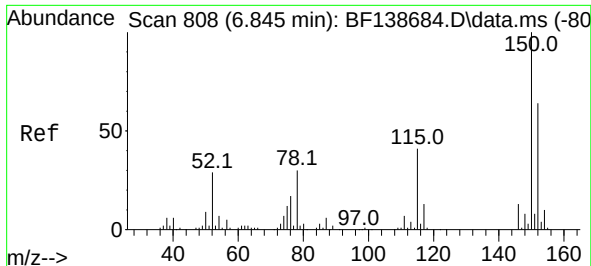
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Aug 16 11:05:05 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) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.169  | 196  | 98486    | 38.819 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.292  | 154  | 439705   | 40.974 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.322  | 162  | 318873   | 39.953 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.428  | 65   | 113063   | 41.786 | ng    | 96       |
| 49) Acenaphthylene            | 9.734  | 152  | 453457   | 40.059 | ng    | 100      |
| 50) Dimethylphthalate         | 9.598  | 163  | 368989   | 42.115 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.669  | 165  | 83446    | 42.202 | ng    | 87       |
| 52) Acenaphthene              | 9.910  | 154  | 301111   | 39.571 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.839  | 138  | 80232    | 39.251 | ng    | 93       |
| 54) 2,4-Dinitrophenol         | 9.957  | 184  | 37359    | 41.045 | ng    | # 78     |
| 55) Dibenzofuran              | 10.081 | 168  | 432726   | 40.286 | ng    | 97       |
| 56) 4-Nitrophenol             | 10.022 | 139  | 45688    | 37.169 | ng    | 88       |
| 57) 2,4-Dinitrotoluene        | 10.075 | 165  | 107926   | 42.782 | ng    | # 77     |
| 58) Fluorene                  | 10.422 | 166  | 353173   | 41.289 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.204 | 232  | 72538    | 37.398 | ng    | 93       |
| 60) Diethylphthalate          | 10.292 | 149  | 361383   | 43.502 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.410 | 204  | 175925   | 41.818 | ng    | 96       |
| 62) 4-Nitroaniline            | 10.457 | 138  | 71538    | 36.828 | ng    | 87       |
| 63) Azobenzene                | 10.569 | 77   | 383027   | 41.572 | ng    | 95       |
| 65) 4,6-Dinitro-2-methylph... | 10.492 | 198  | 57299    | 41.252 | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 10.534 | 169  | 292203   | 41.060 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.898 | 248  | 100606   | 40.814 | ng    | 95       |
| 68) Hexachlorobenzene         | 10.969 | 284  | 103036   | 40.484 | ng    | 98       |
| 69) Atrazine                  | 11.057 | 200  | 64375    | 35.061 | ng    | 99       |
| 70) Pentachlorophenol         | 11.175 | 266  | 39544    | 34.470 | ng    | 98       |
| 71) Phenanthrene              | 11.386 | 178  | 468646   | 39.975 | ng    | 100      |
| 72) Anthracene                | 11.439 | 178  | 464138   | 40.188 | ng    | 99       |
| 73) Carbazole                 | 11.598 | 167  | 395975   | 39.741 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.910 | 149  | 506144   | 45.187 | ng    | 99       |
| 75) Fluoranthene              | 12.575 | 202  | 417649   | 38.161 | ng    | 98       |
| 77) Benzidine                 | 12.698 | 184  | 99545    | 39.625 | ng    | 99       |
| 78) Pyrene                    | 12.804 | 202  | 412208   | 41.683 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.410 | 149  | 138648   | 43.783 | ng    | 100      |
| 81) Benzo(a)anthracene        | 13.992 | 228  | 282588   | 39.071 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.951 | 252  | 77868    | 42.071 | ng    | 99       |
| 83) Chrysene                  | 14.027 | 228  | 265018   | 40.614 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.963 | 149  | 178456   | 38.484 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 14.574 | 149  | 313261   | 36.513 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.951 | 276  | 303005   | 36.967 | ng    | 96       |
| 88) Benzo(b)fluoranthene      | 15.039 | 252  | 289113   | 40.776 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.069 | 252  | 239814   | 39.065 | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.410 | 252  | 240490   | 40.324 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 16.957 | 278  | 249171   | 37.033 | ng    | 96       |
| 92) Benzo(g,h,i)perylene      | 17.398 | 276  | 249615   | 35.751 | ng    | 95       |

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

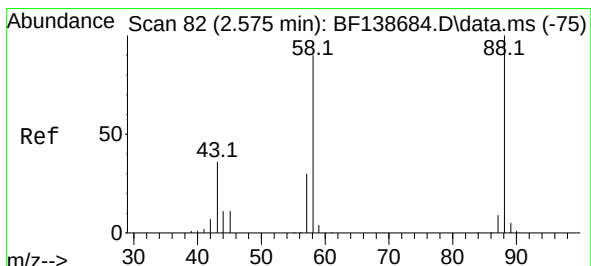
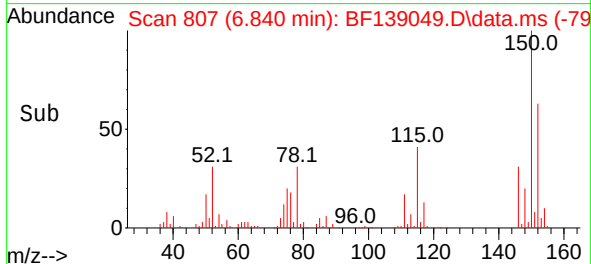
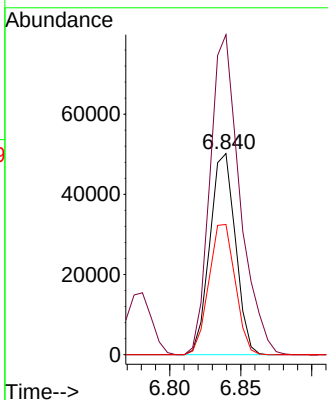
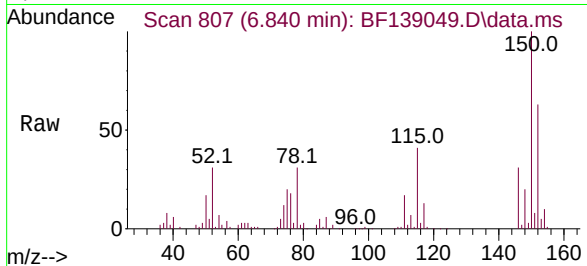




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.840 min Scan# 80  
Delta R.T. -0.005 min  
Lab File: BF139049.D  
Acq: 16 Aug 2024 10:14

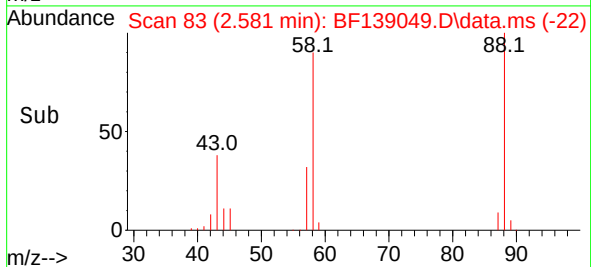
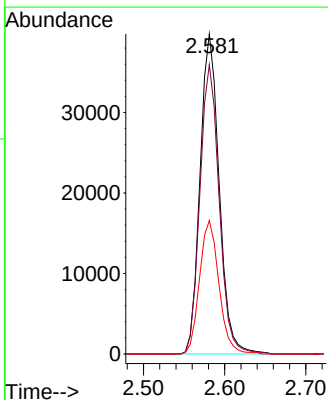
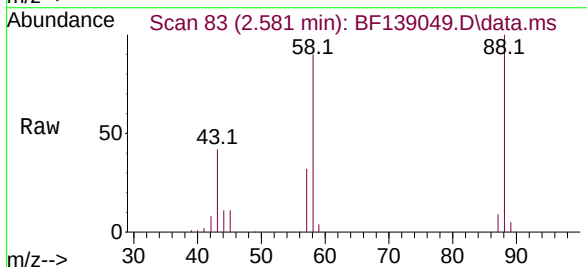
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

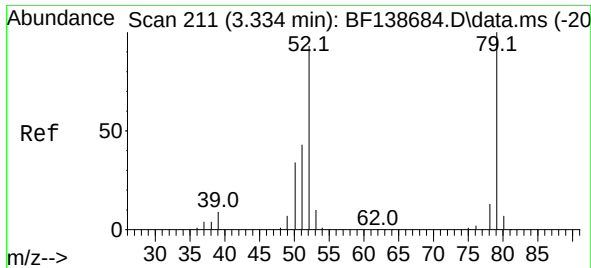
Tgt Ion:152 Resp: 62968  
Ion Ratio Lower Upper  
152 100  
150 159.1 126.0 189.0  
115 64.7 51.7 77.5



#2  
1,4-Dioxane  
Concen: 36.401 ng  
RT: 2.581 min Scan# 83  
Delta R.T. 0.006 min  
Lab File: BF139049.D  
Acq: 16 Aug 2024 10:14

Tgt Ion: 88 Resp: 65007  
Ion Ratio Lower Upper  
88 100  
58 90.9 71.6 107.4  
43 42.4 28.7 43.1





#3

Pyridine

Concen: 37.241 ng

RT: 3.340 min Scan# 211

Delta R.T. 0.006 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

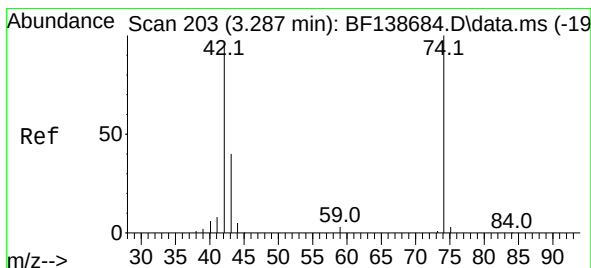
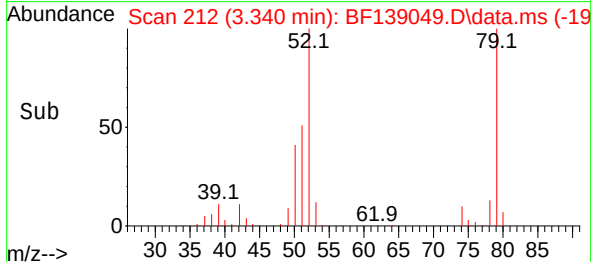
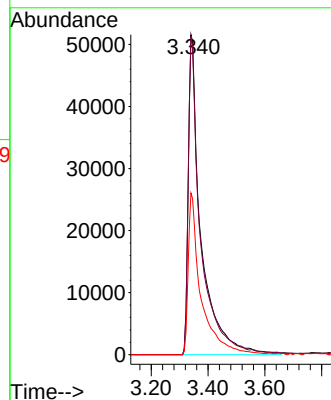
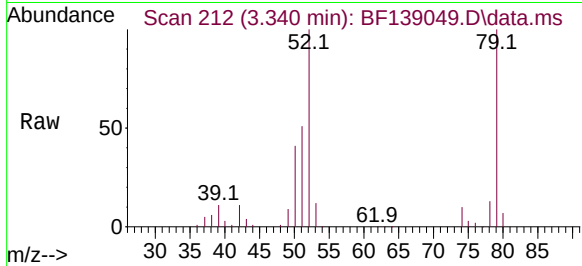
Tgt Ion: 79 Resp: 161111

Ion Ratio Lower Upper

79 100

52 99.6 74.7 112.1

51 50.5 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 44.527 ng

RT: 3.316 min Scan# 208

Delta R.T. 0.030 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

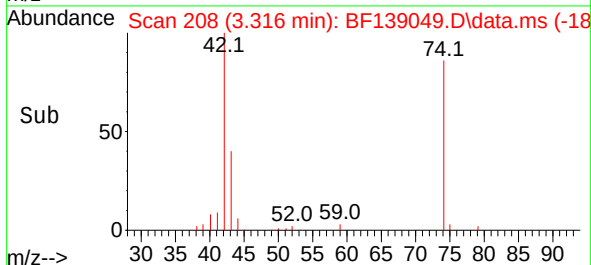
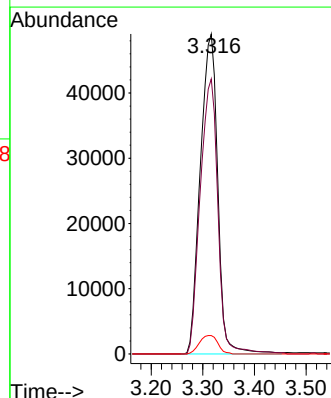
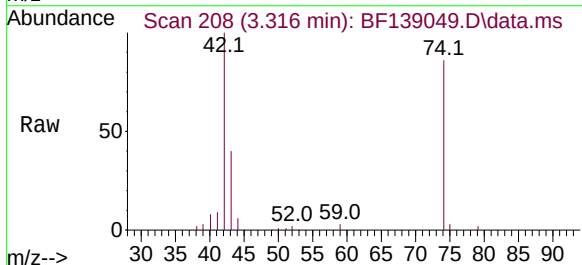
Tgt Ion: 42 Resp: 114727

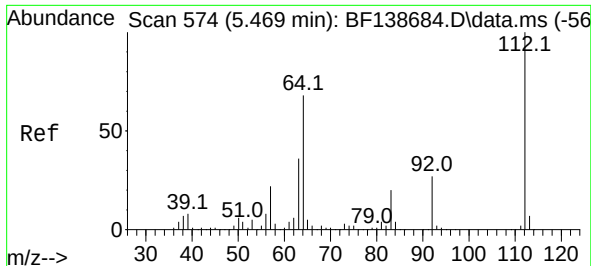
Ion Ratio Lower Upper

42 100

74 85.9 84.2 126.4

44 5.8 4.9 7.3

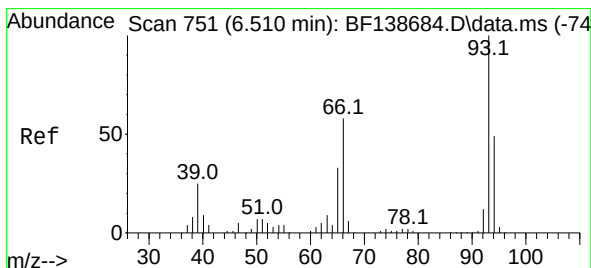
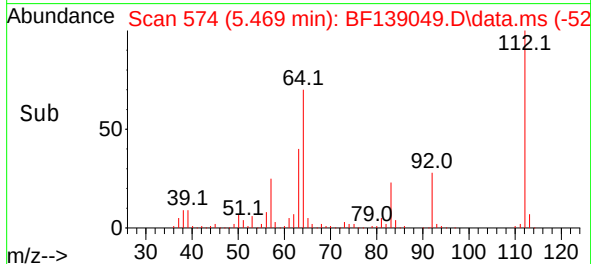
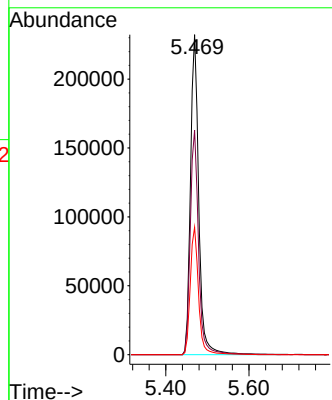
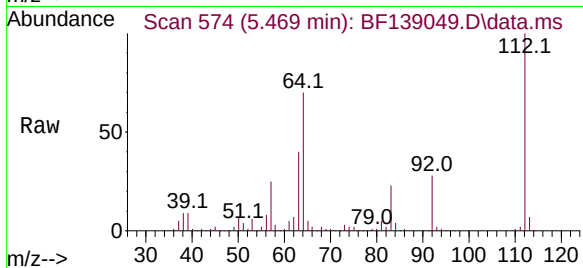




#5  
2-Fluorophenol  
Concen: 78.849 ng  
RT: 5.469 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: BF139049.D  
Acq: 16 Aug 2024 10:14

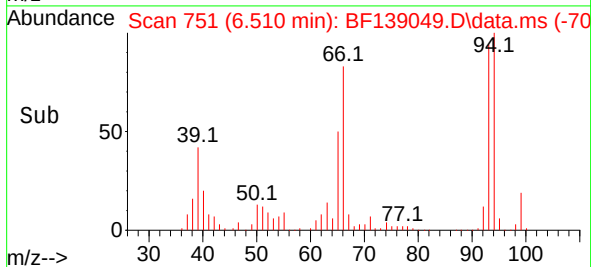
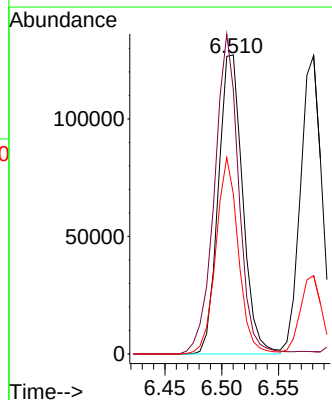
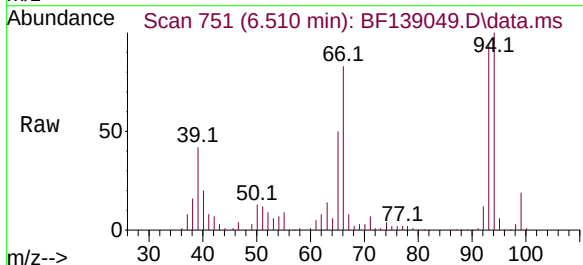
Instrument :  
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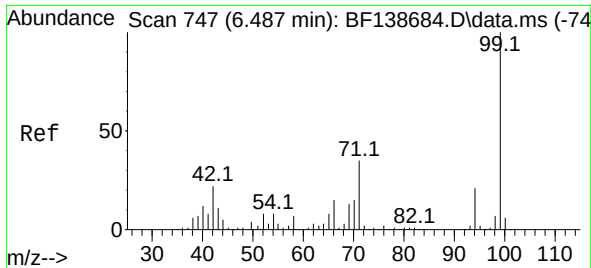
Tgt Ion:112 Resp: 321636  
Ion Ratio Lower Upper  
112 100  
64 70.2 54.2 81.4  
63 39.8 28.7 43.1



#6  
Aniline  
Concen: 38.826 ng  
RT: 6.510 min Scan# 751  
Delta R.T. 0.000 min  
Lab File: BF139049.D  
Acq: 16 Aug 2024 10:14

Tgt Ion: 93 Resp: 189632  
Ion Ratio Lower Upper  
93 100  
66 88.3 46.9 70.3#  
65 53.6 26.5 39.7#





#7

Phenol-d6

Concen: 78.273 ng

RT: 6.493 min Scan# 747

Delta R.T. 0.006 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

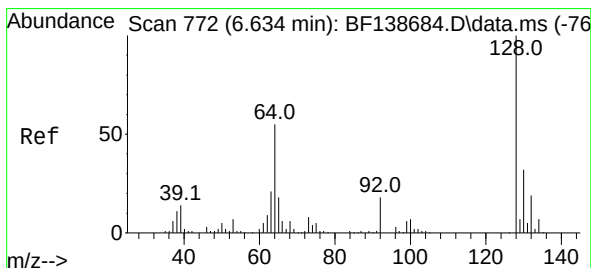
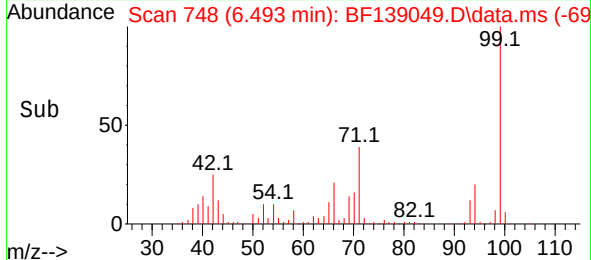
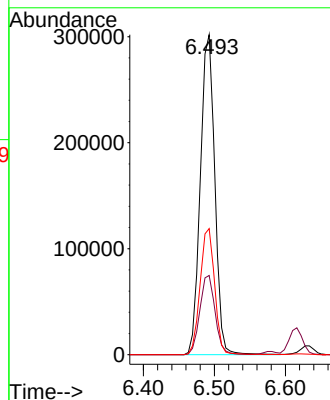
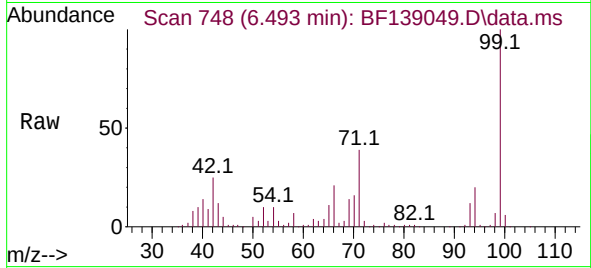
Tgt Ion: 99 Resp: 428675

Ion Ratio Lower Upper

99 100

42 24.8 17.4 26.0

71 39.4 28.1 42.1



#8

2-Chlorophenol

Concen: 38.850 ng

RT: 6.634 min Scan# 772

Delta R.T. 0.000 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

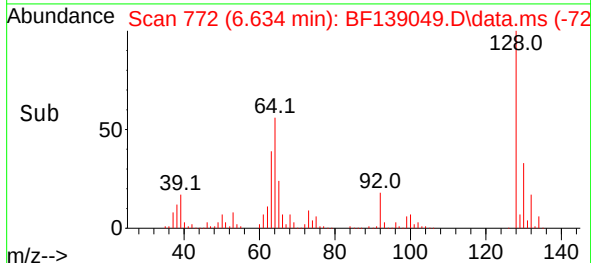
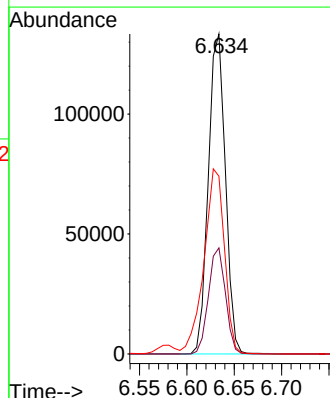
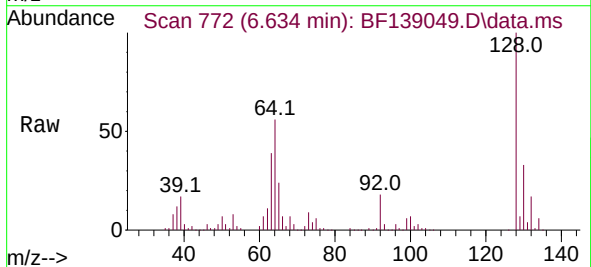
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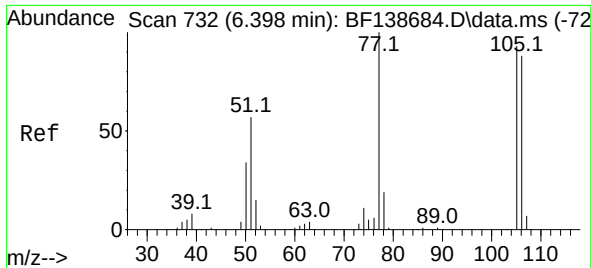
Ion Ratio Lower Upper

128 100

130 33.2 12.0 52.0

64 55.6 36.3 76.3





#9

Benzaldehyde

Concen: 36.137 ng

RT: 6.398 min Scan# 74

Delta R.T. 0.000 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

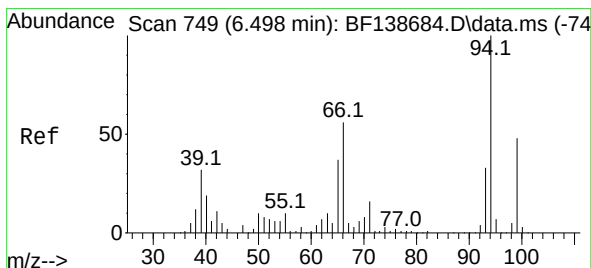
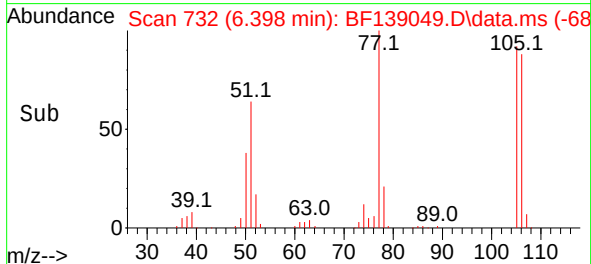
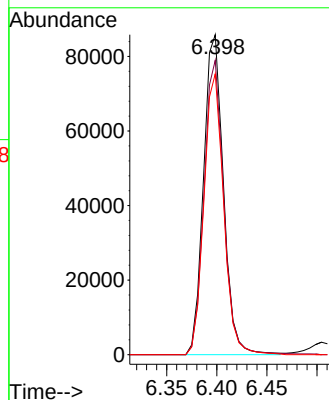
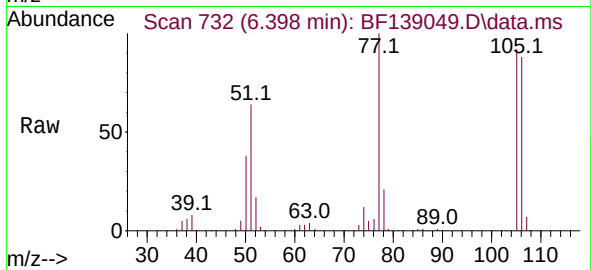
Tgt Ion: 77 Resp: 118638

Ion Ratio Lower Upper

77 100

105 92.0 72.9 112.9

106 87.7 68.4 108.4



#10

Phenol

Concen: 38.024 ng

RT: 6.504 min Scan# 750

Delta R.T. 0.006 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

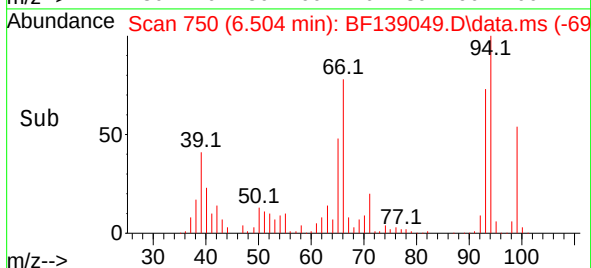
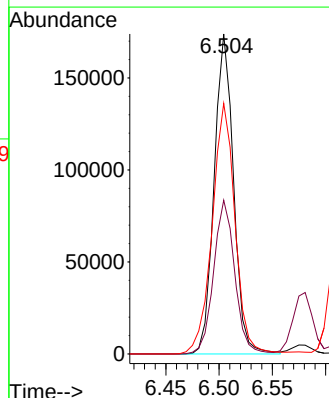
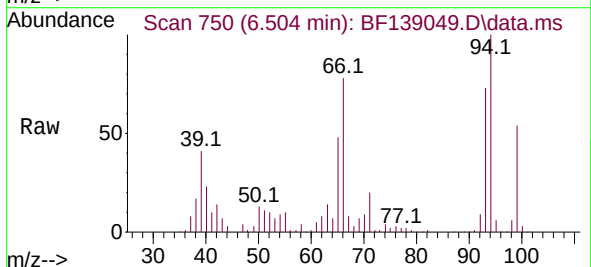
Tgt Ion: 94 Resp: 219260

Ion Ratio Lower Upper

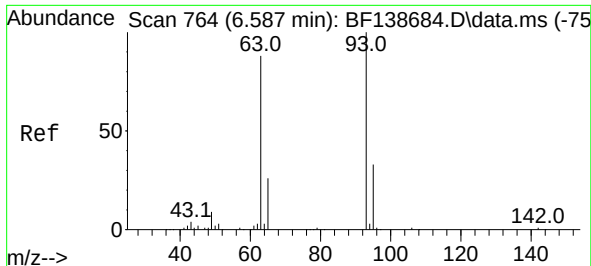
94 100

65 48.0 16.9 56.9

66 78.3 36.5 76.5#







#11

bis(2-Chloroethyl)ether

Concen: 37.007 ng

RT: 6.581 min Scan# 764

Delta R.T. -0.006 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

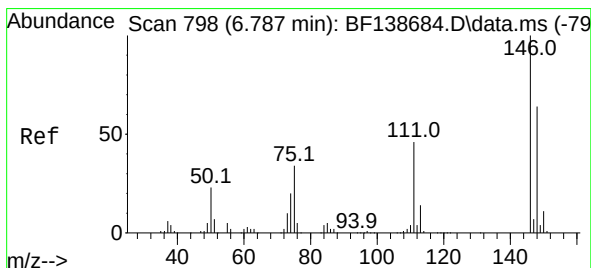
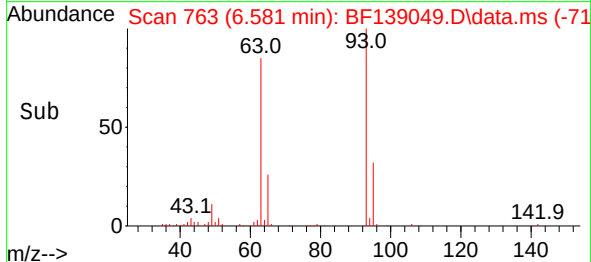
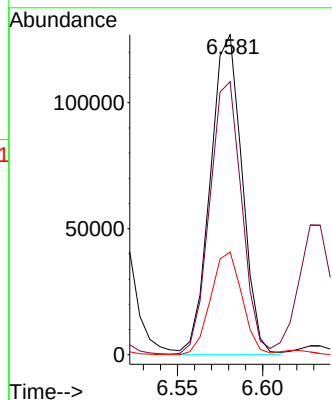
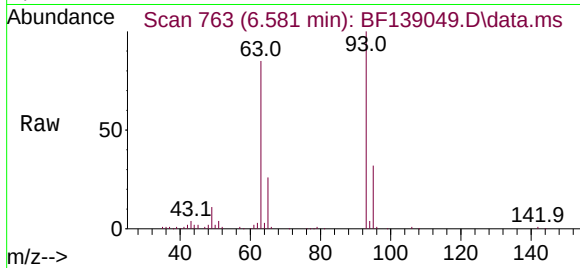
Tgt Ion: 93 Resp: 164212

Ion Ratio Lower Upper

93 100

63 85.3 65.3 105.3

95 32.1 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 39.237 ng

RT: 6.775 min Scan# 796

Delta R.T. -0.012 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

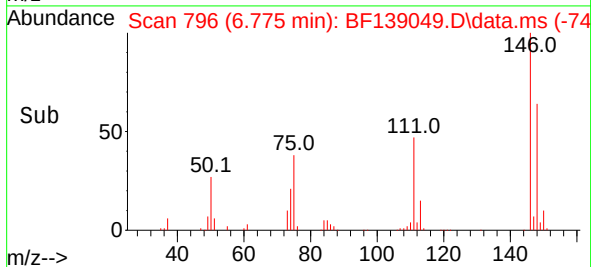
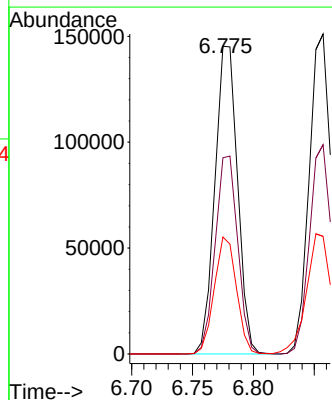
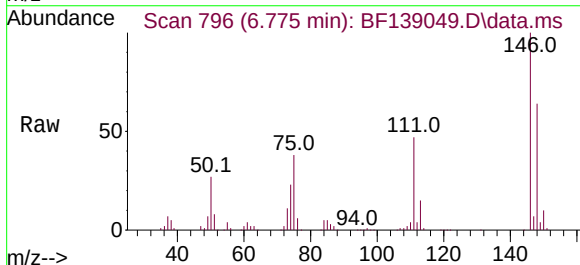
Tgt Ion:146 Resp: 188497

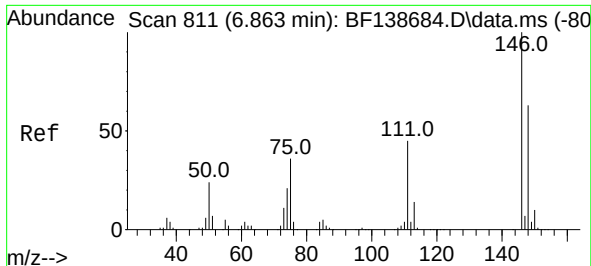
Ion Ratio Lower Upper

146 100

148 63.7 51.2 76.8

75 38.0 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 39.267 ng

RT: 6.857 min Scan# 811

Delta R.T. -0.006 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

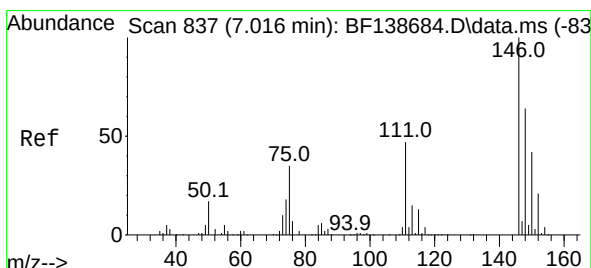
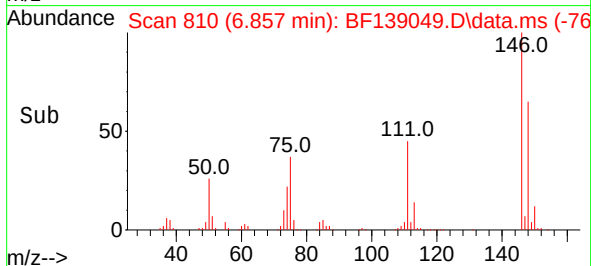
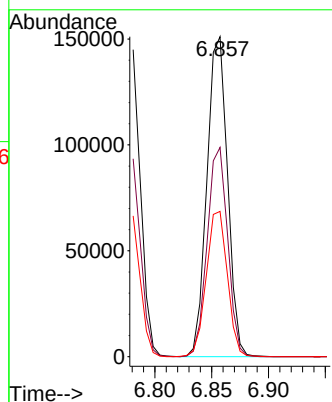
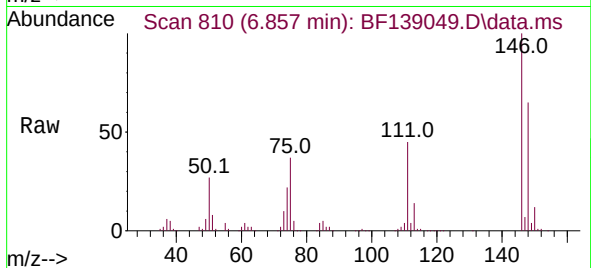
Tgt Ion:146 Resp: 190376

Ion Ratio Lower Upper

146 100

148 65.4 50.2 75.2

111 45.4 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 40.323 ng

RT: 7.010 min Scan# 836

Delta R.T. -0.006 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

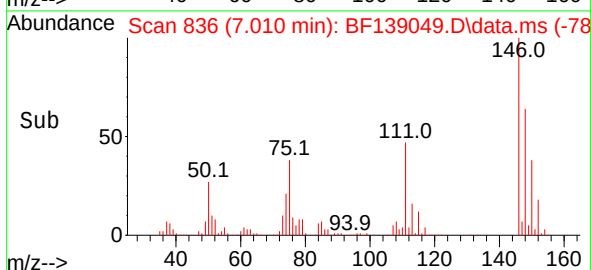
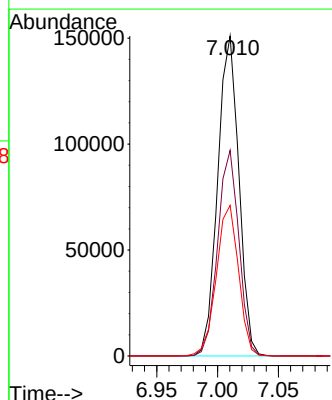
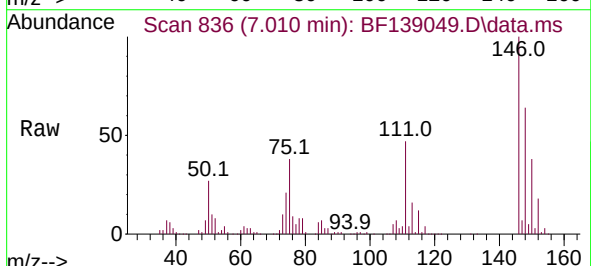
Tgt Ion:146 Resp: 182703

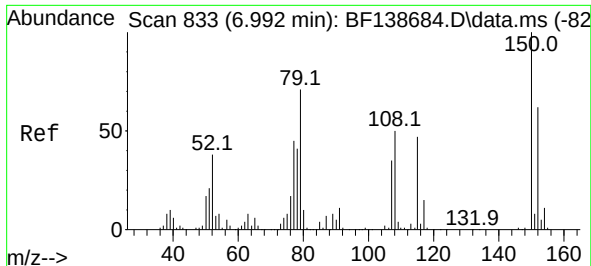
Ion Ratio Lower Upper

146 100

148 64.3 50.8 76.2

111 47.1 37.4 56.2





#15

Benzyl Alcohol

Concen: 42.367 ng

RT: 6.993 min Scan# 84

Delta R.T. 0.000 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

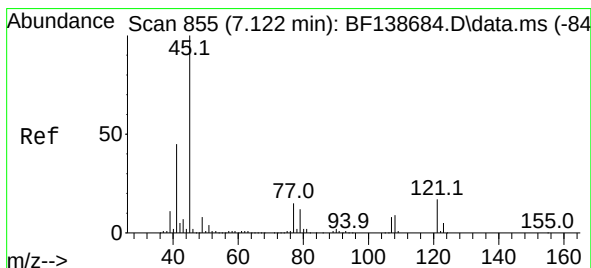
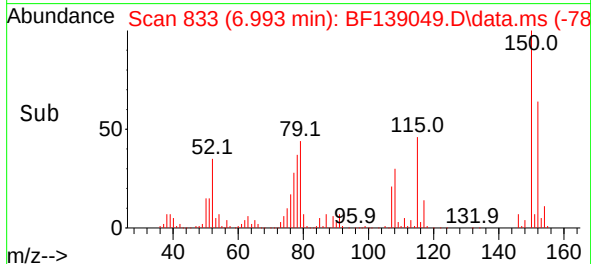
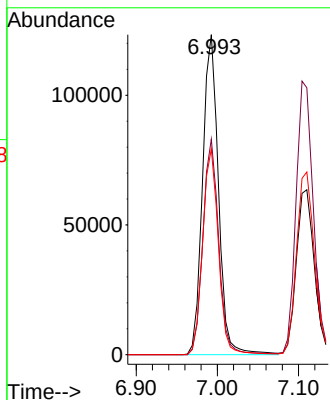
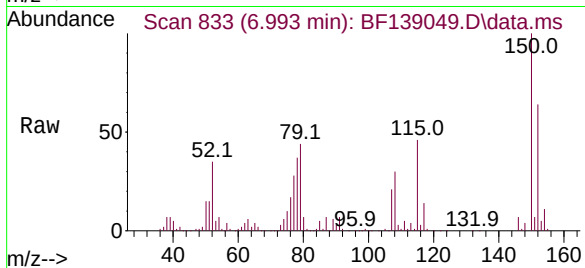
Tgt Ion: 79 Resp: 167236

Ion Ratio Lower Upper

79 100

108 67.3 56.6 85.0

77 64.3 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.117 ng

RT: 7.110 min Scan# 853

Delta R.T. -0.012 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

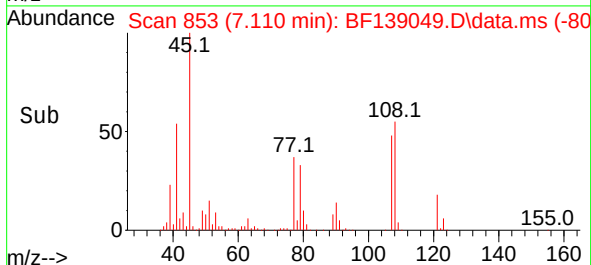
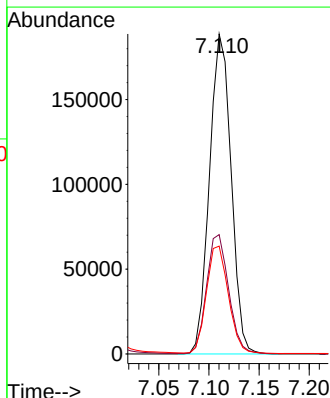
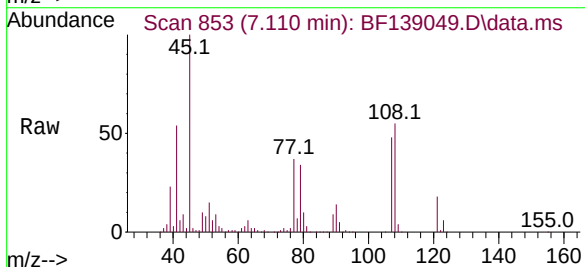
Tgt Ion: 45 Resp: 283442

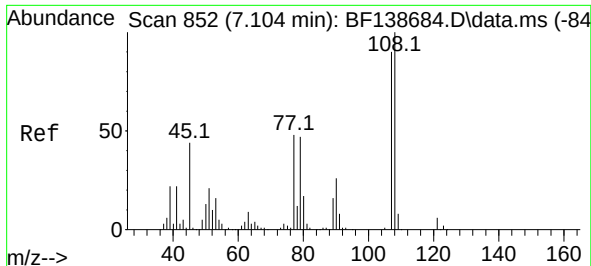
Ion Ratio Lower Upper

45 100

77 37.3 0.0 34.9#

79 33.7 0.0 32.2#

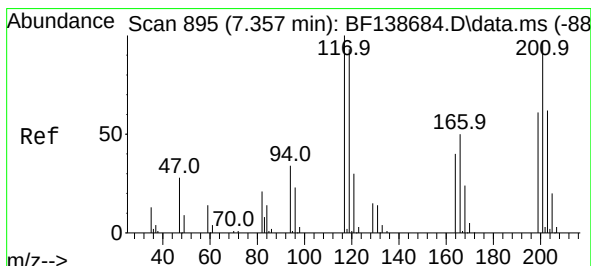
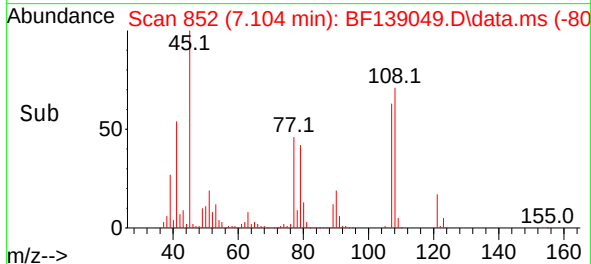
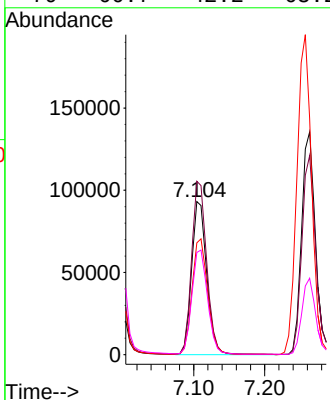
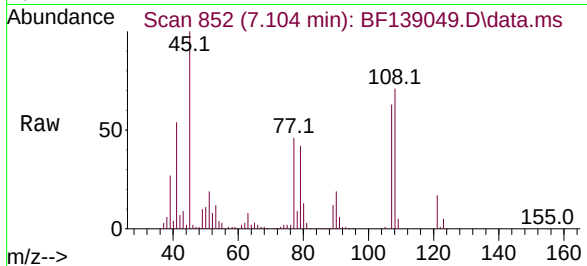




#17  
2-Methylphenol  
Concen: 39.041 ng  
RT: 7.104 min Scan# 852  
Delta R.T. 0.000 min  
Lab File: BF139049.D  
Acq: 16 Aug 2024 10:14

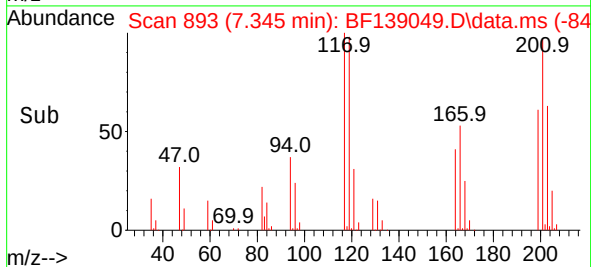
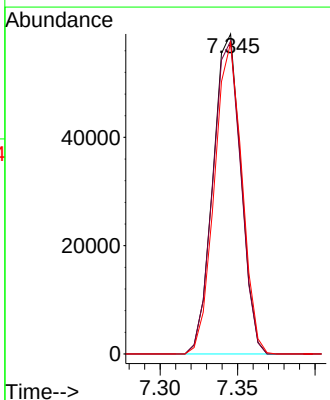
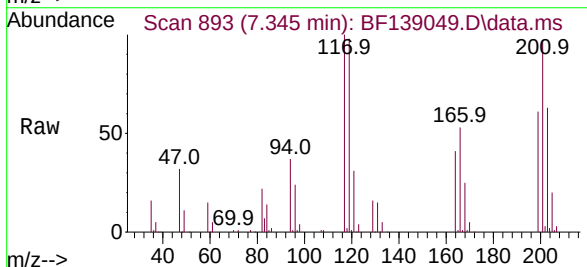
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

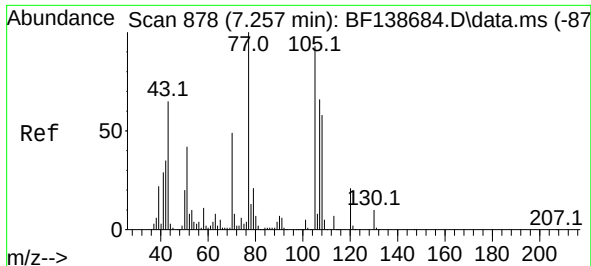
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 138355 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 113.2 | 89.2  | 133.8  |
| 77       | 73.0  | 43.0  | 64.4#  |
| 79       | 66.7  | 42.2  | 63.2#  |



#18  
Hexachloroethane  
Concen: 40.610 ng  
RT: 7.345 min Scan# 893  
Delta R.T. -0.012 min  
Lab File: BF139049.D  
Acq: 16 Aug 2024 10:14

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 74111 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 97.8  | 74.6  | 111.8 |
| 201      | 97.3  | 77.2  | 115.8 |





#19

n-Nitroso-di-n-propylamine

Concen: 41.154 ng

RT: 7.257 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 136129

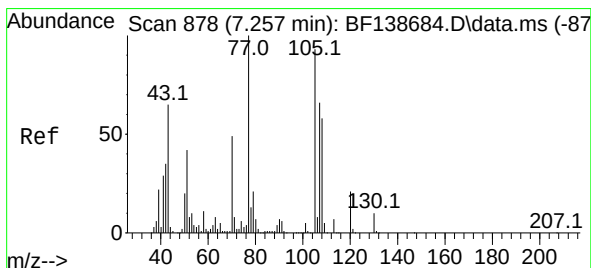
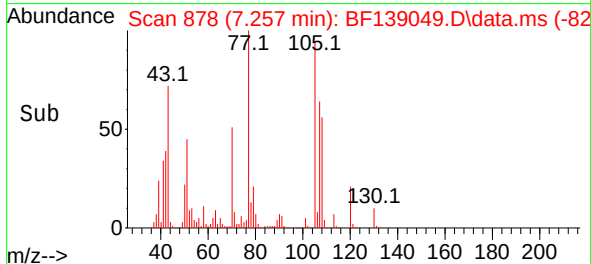
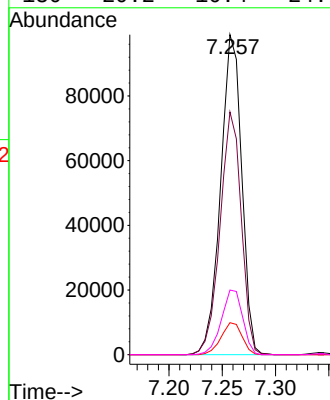
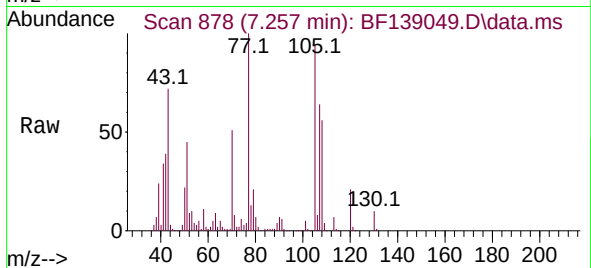
Ion Ratio Lower Upper

70 100

42 75.8 57.4 86.0

101 10.0 7.5 11.3

130 20.2 16.4 24.6



#20

3+4-Methylphenols

Concen: 40.949 ng

RT: 7.263 min Scan# 879

Delta R.T. 0.006 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

Tgt Ion:107 Resp: 186191

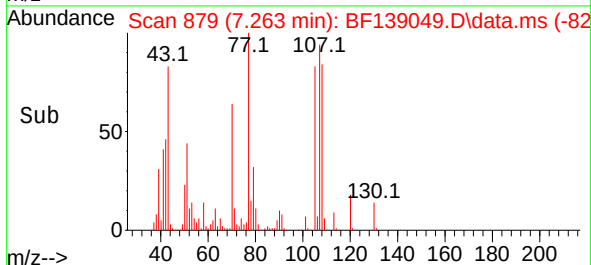
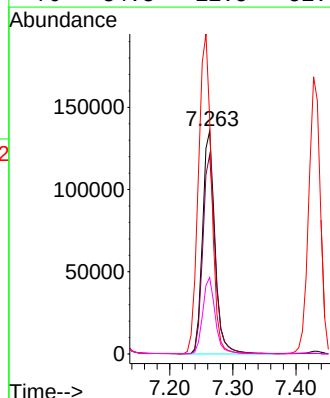
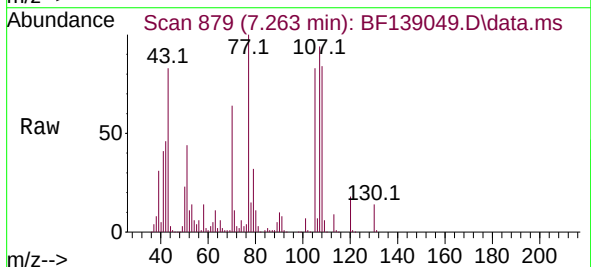
Ion Ratio Lower Upper

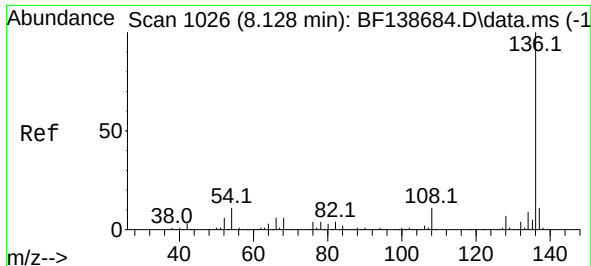
107 100

108 89.4 68.2 108.2

77 106.1 132.1 172.1#

79 34.3 11.5 51.5



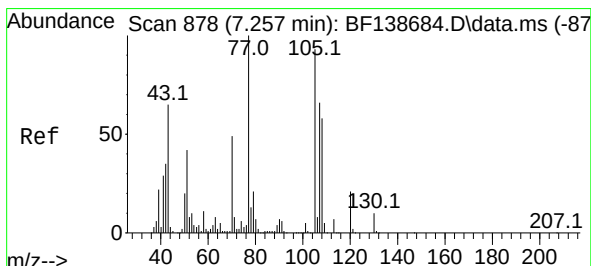
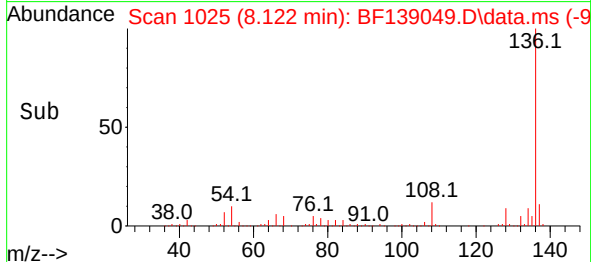
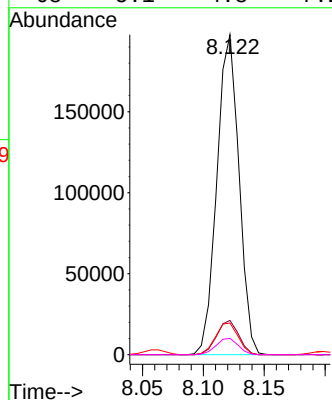
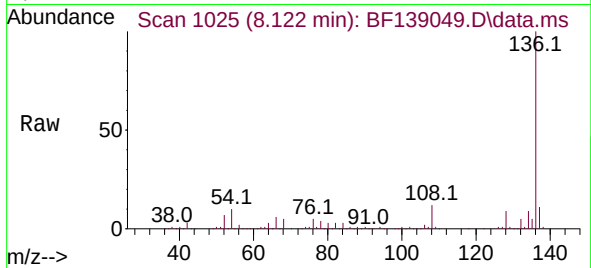


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.122 min Scan# 1025  
Delta R.T. -0.006 min  
Lab File: BF139049.D  
Acq: 16 Aug 2024 10:14

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:136 Resp: 249711

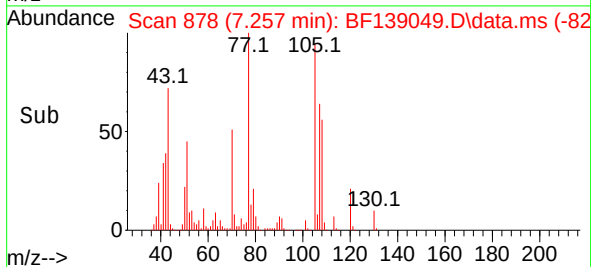
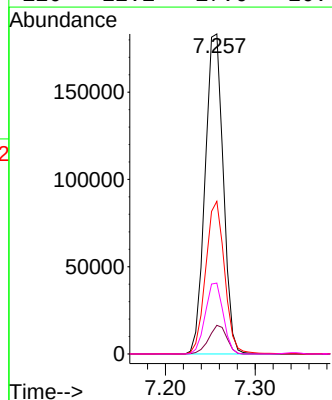
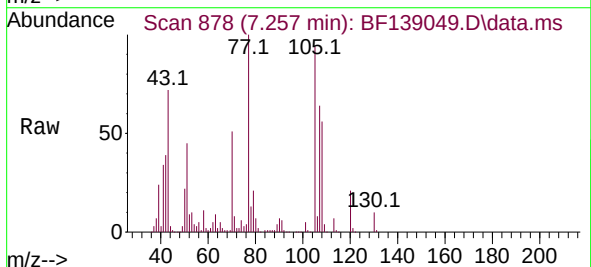
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.7  | 8.9   | 13.3  |
| 54  | 9.9   | 8.6   | 12.8  |
| 68  | 5.1   | 4.8   | 7.2   |

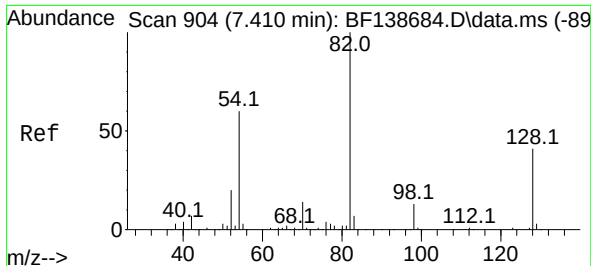


#22  
Acetophenone  
Concen: 42.200 ng  
RT: 7.257 min Scan# 878  
Delta R.T. 0.000 min  
Lab File: BF139049.D  
Acq: 16 Aug 2024 10:14

Tgt Ion:105 Resp: 258017

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 9.0   | 7.2   | 10.8  |
| 51  | 47.7  | 35.9  | 53.9  |
| 120 | 22.1  | 17.6  | 26.4  |





#23

Nitrobenzene-d5

Concen: 84.870 ng

RT: 7.410 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

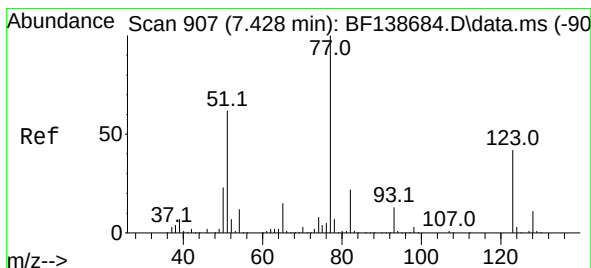
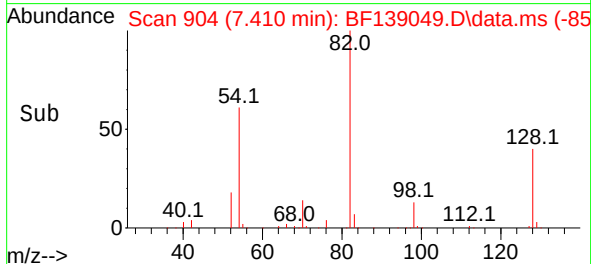
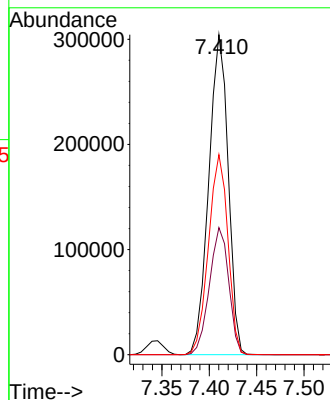
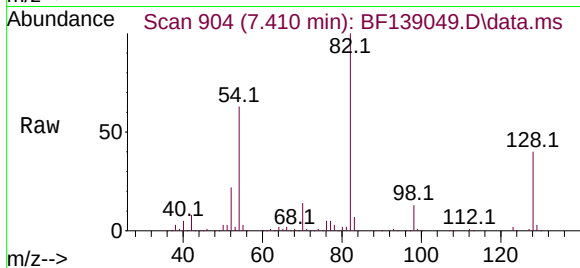
Tgt Ion: 82 Resp: 433472

Ion Ratio Lower Upper

82 100

128 39.7 32.8 49.2

54 62.5 48.3 72.5



#24

Nitrobenzene

Concen: 41.192 ng

RT: 7.428 min Scan# 907

Delta R.T. 0.000 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

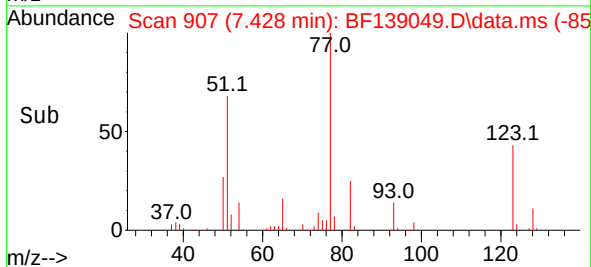
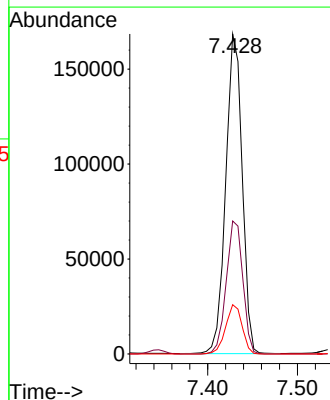
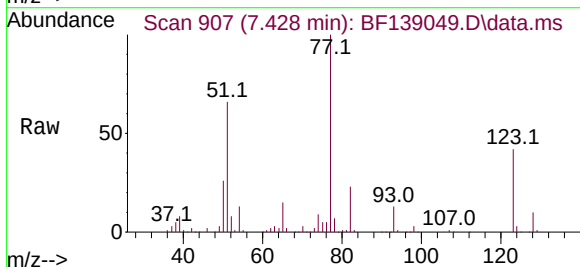
Tgt Ion: 77 Resp: 214085

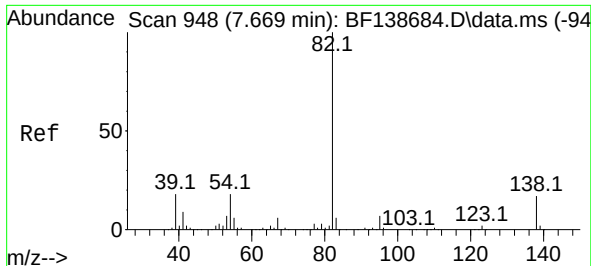
Ion Ratio Lower Upper

77 100

123 41.6 33.3 49.9

65 15.4 11.9 17.9

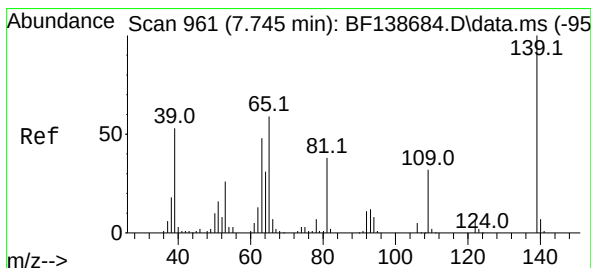
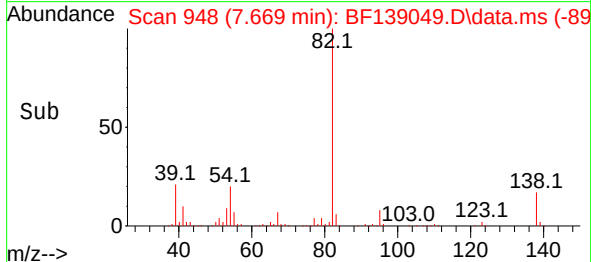
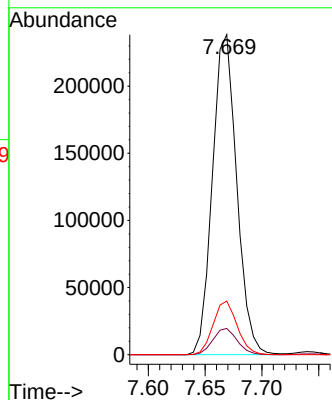
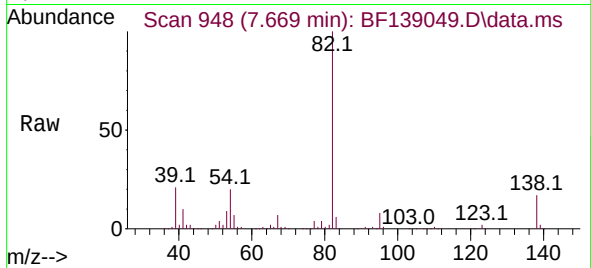




#25  
Isophorone  
Concen: 40.686 ng  
RT: 7.669 min Scan# 948  
Delta R.T. 0.000 min  
Lab File: BF139049.D  
Acq: 16 Aug 2024 10:14

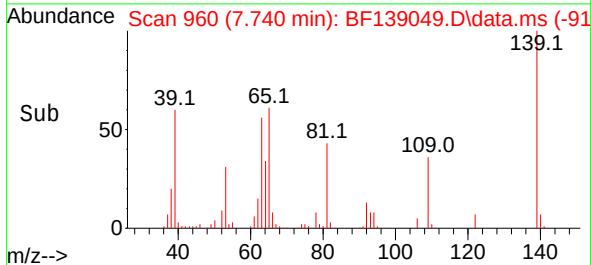
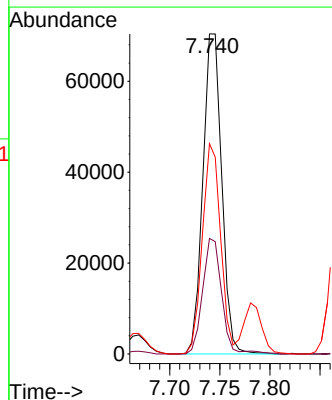
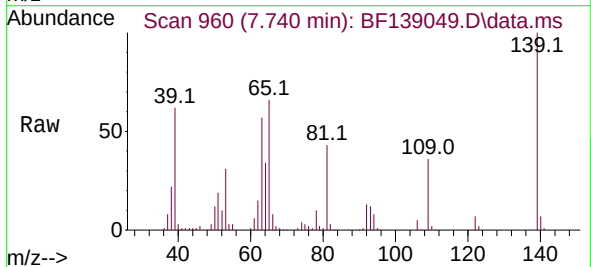
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 82 Resp: 354832  
Ion Ratio Lower Upper  
82 100  
95 8.2 5.7 8.5  
138 16.7 13.7 20.5

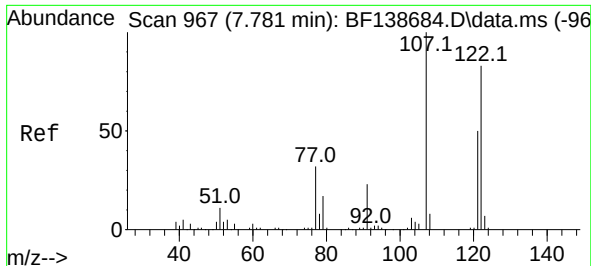


#26  
2-Nitrophenol  
Concen: 41.342 ng  
RT: 7.740 min Scan# 960  
Delta R.T. -0.006 min  
Lab File: BF139049.D  
Acq: 16 Aug 2024 10:14

Tgt Ion:139 Resp: 92441  
Ion Ratio Lower Upper  
139 100  
109 36.1 25.9 38.9  
65 65.7 47.0 70.6



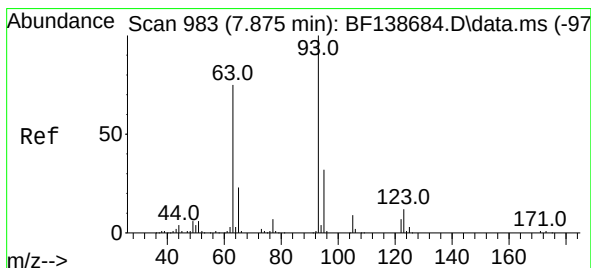
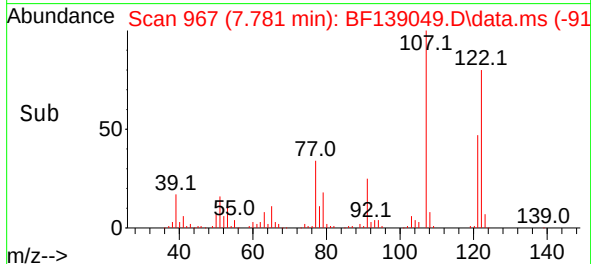
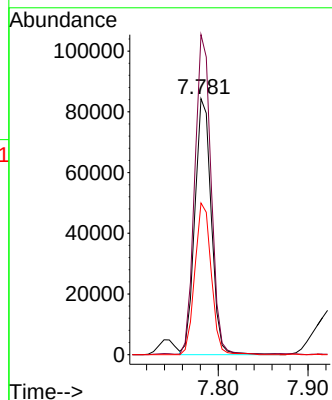
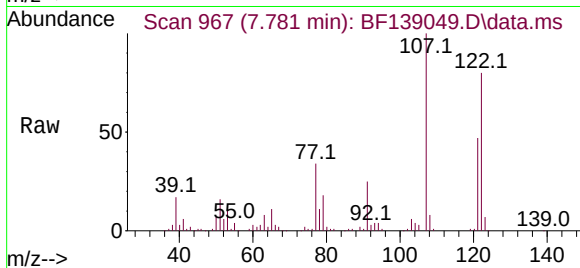




#27  
2,4-Dimethylphenol  
Concen: 40.109 ng  
RT: 7.781 min Scan# 90  
Delta R.T. 0.000 min  
Lab File: BF139049.D  
Acq: 16 Aug 2024 10:14

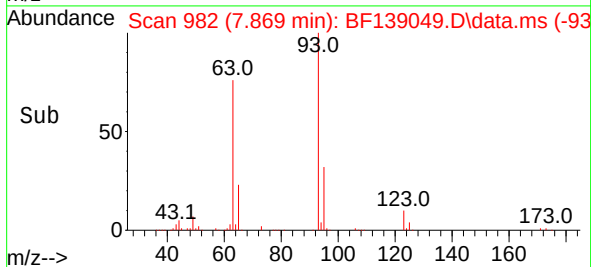
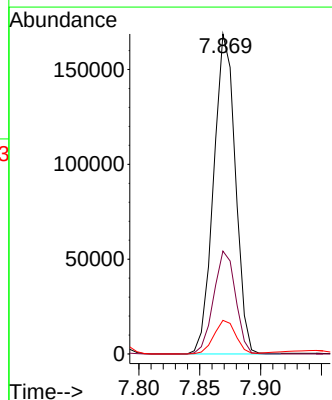
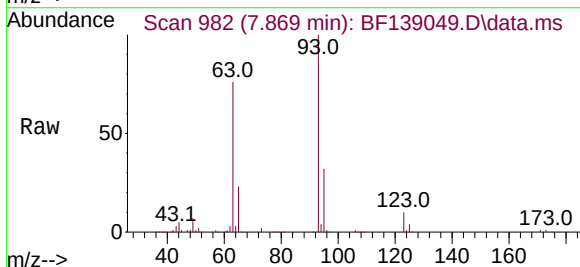
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

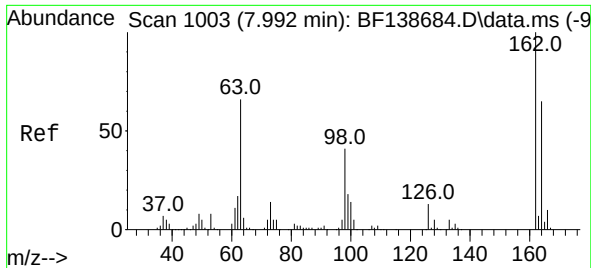
Tgt Ion:122 Resp: 107303  
Ion Ratio Lower Upper  
122 100  
107 125.0 95.0 142.6  
121 59.2 47.3 70.9



#28  
bis(2-Chloroethoxy)methane  
Concen: 39.521 ng  
RT: 7.869 min Scan# 982  
Delta R.T. -0.006 min  
Lab File: BF139049.D  
Acq: 16 Aug 2024 10:14

Tgt Ion: 93 Resp: 209896  
Ion Ratio Lower Upper  
93 100  
95 32.2 25.8 38.8  
123 10.5 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 41.243 ng

RT: 7.992 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

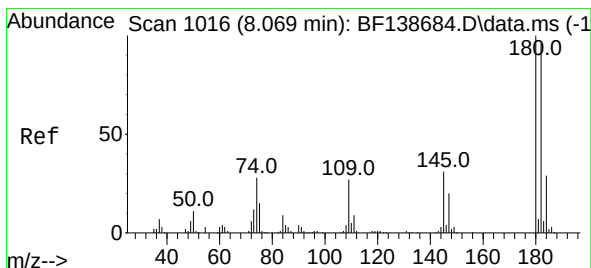
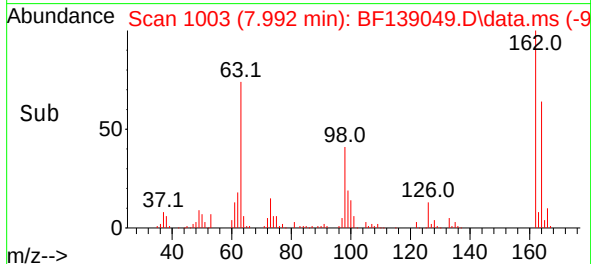
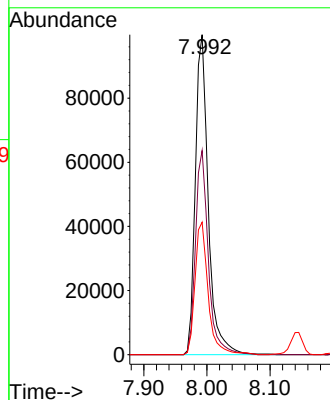
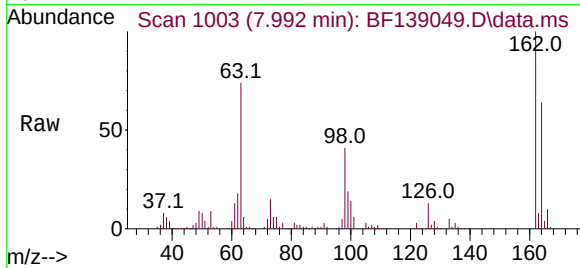
Tgt Ion:162 Resp: 141784

Ion Ratio Lower Upper

162 100

164 63.8 44.7 84.7

98 41.4 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 40.526 ng

RT: 8.063 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

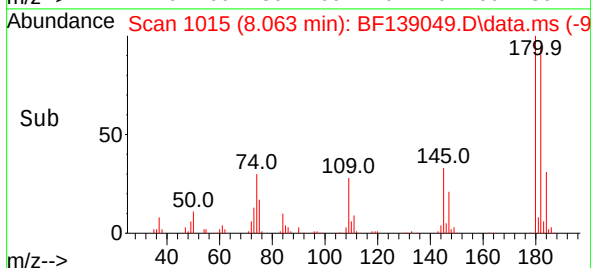
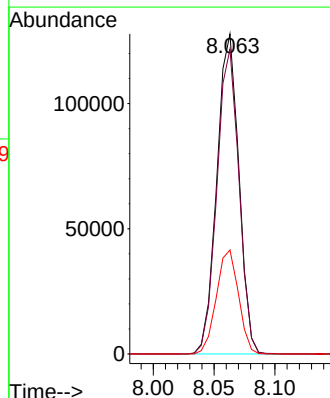
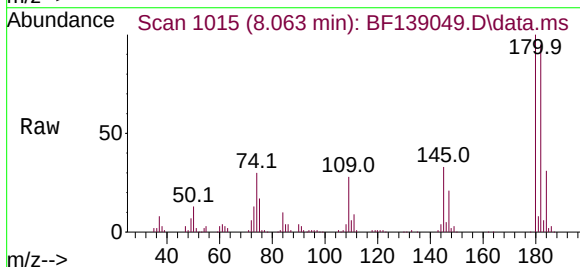
Tgt Ion:180 Resp: 160776

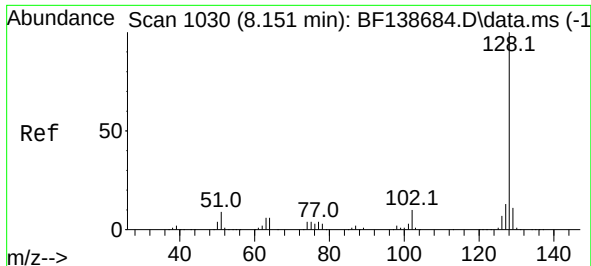
Ion Ratio Lower Upper

180 100

182 95.3 76.9 115.3

145 32.5 25.0 37.4





#31

Naphthalene

Concen: 40.179 ng

RT: 8.145 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

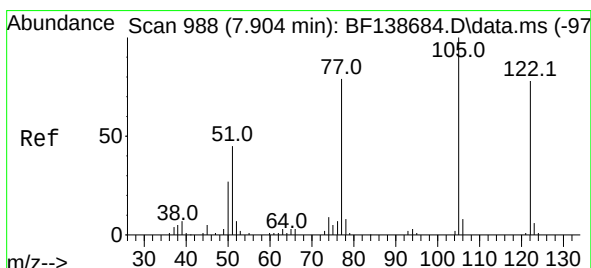
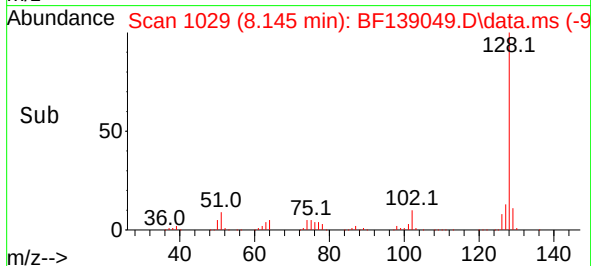
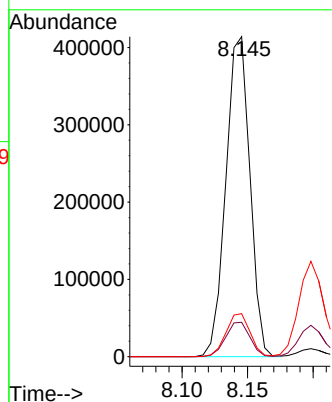
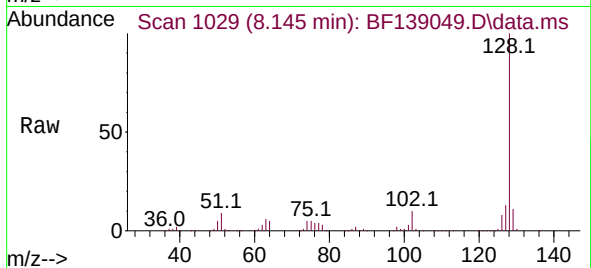
Tgt Ion:128 Resp: 528119

Ion Ratio Lower Upper

128 100

129 10.8 8.7 13.1

127 13.5 10.6 16.0



#32

Benzoic acid

Concen: 32.326 ng

RT: 7.945 min Scan# 995

Delta R.T. 0.041 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

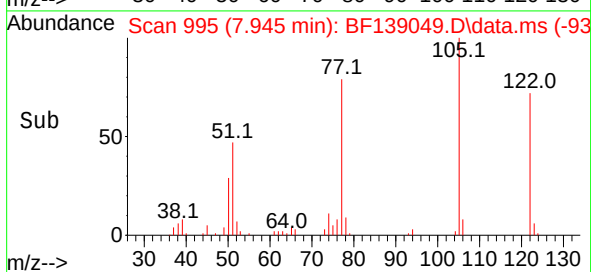
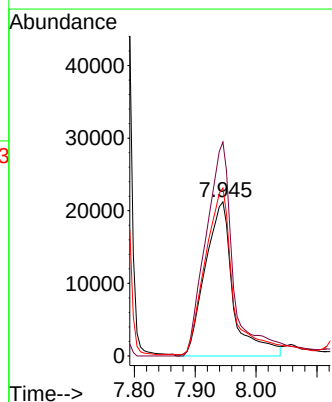
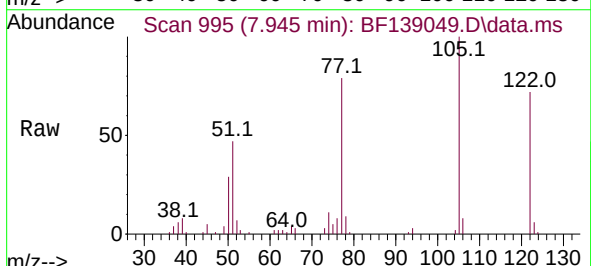
Tgt Ion:122 Resp: 67981

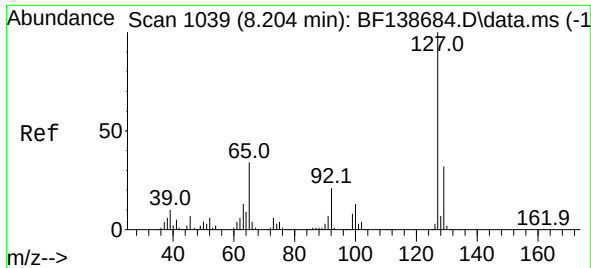
Ion Ratio Lower Upper

122 100

105 138.8 106.7 146.7

77 109.1 81.1 121.1





#33

4-Chloroaniline

Concen: 38.848 ng

RT: 8.198 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 171404

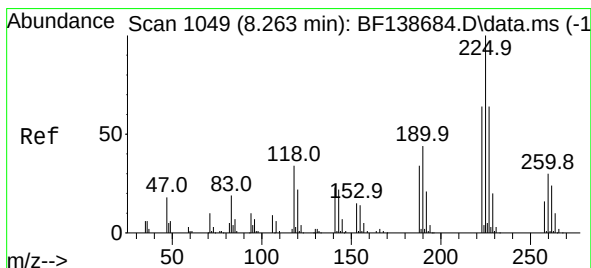
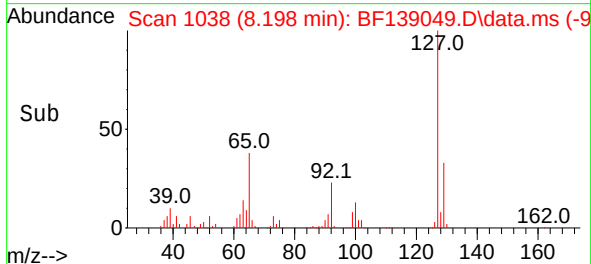
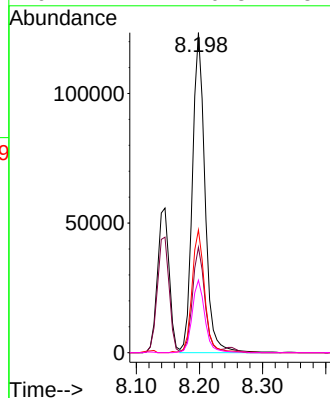
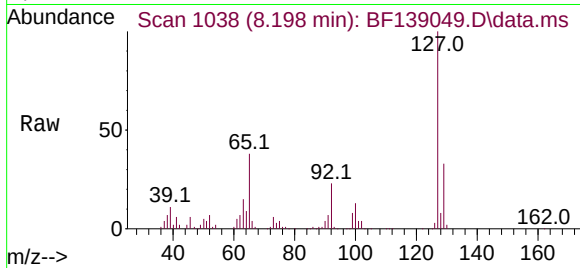
Ion Ratio Lower Upper

127 100

129 32.9 25.9 38.9

65 38.3 27.6 41.4

92 22.7 16.8 25.2



#34

Hexachlorobutadiene

Concen: 44.056 ng

RT: 8.251 min Scan# 1047

Delta R.T. -0.012 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

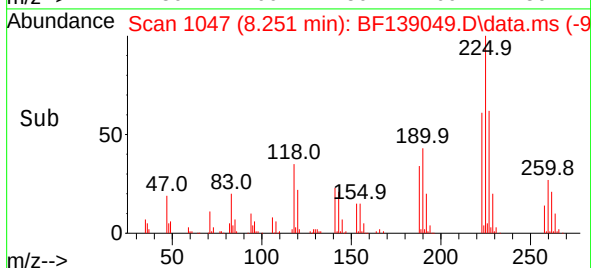
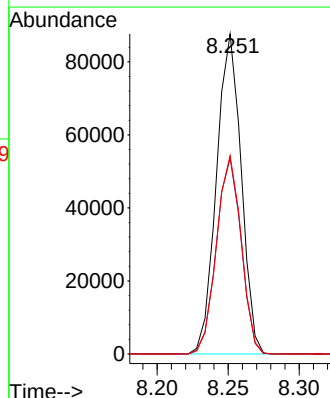
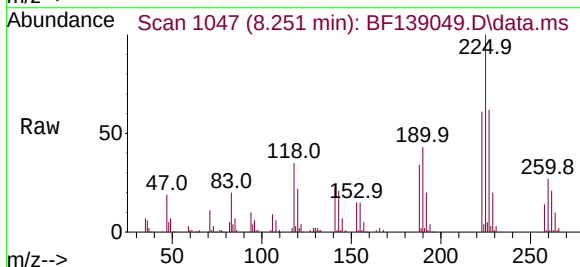
Tgt Ion:225 Resp: 105864

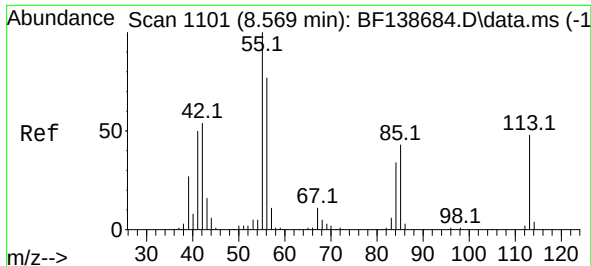
Ion Ratio Lower Upper

225 100

223 61.2 51.2 76.8

227 62.0 51.1 76.7





#35

Caprolactam

Concen: 33.206 ng

RT: 8.587 min Scan# 1104

Delta R.T. 0.018 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

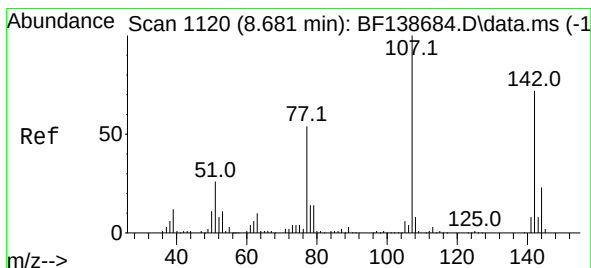
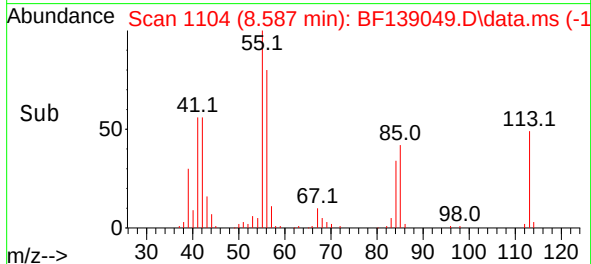
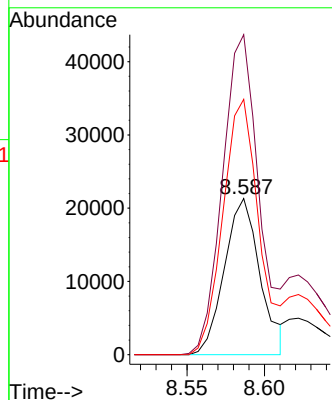
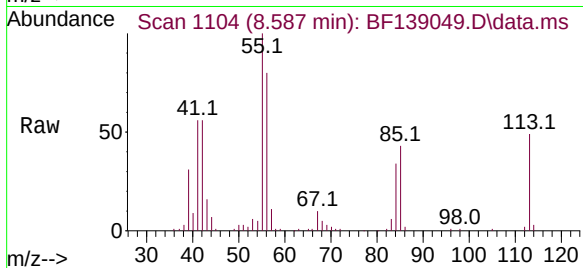
Tgt Ion:113 Resp: 34062

Ion Ratio Lower Upper

113 100

55 204.9 186.7 226.7

56 163.5 138.9 178.9



#36

4-Chloro-3-methylphenol

Concen: 41.662 ng

RT: 8.687 min Scan# 1121

Delta R.T. 0.006 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

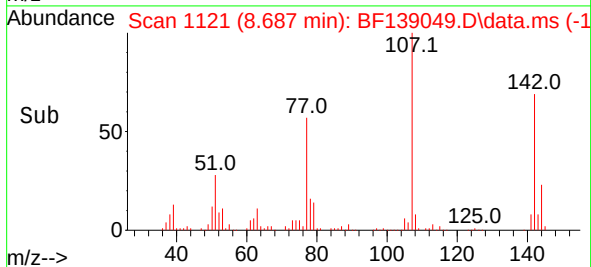
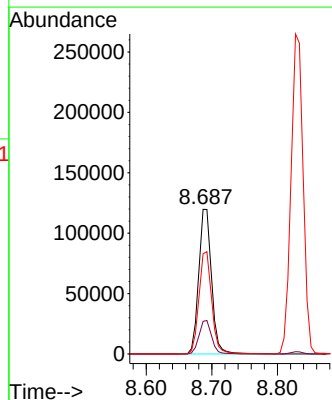
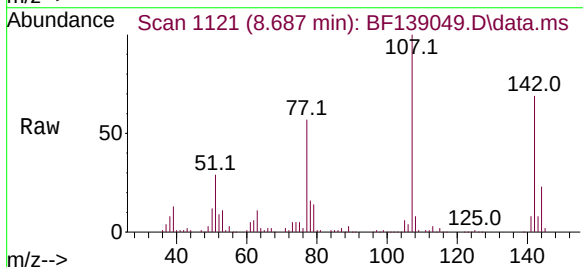
Tgt Ion:107 Resp: 163681

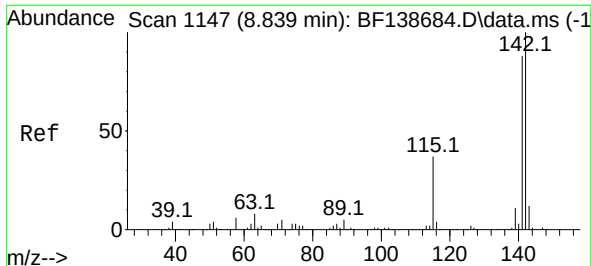
Ion Ratio Lower Upper

107 100

144 22.5 18.2 27.2

142 69.3 57.4 86.2





#37

2-Methylnaphthalene

Concen: 41.002 ng

RT: 8.828 min Scan# 1145

Delta R.T. -0.012 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

Instrument :

BNA\_F

ClientSampleId :

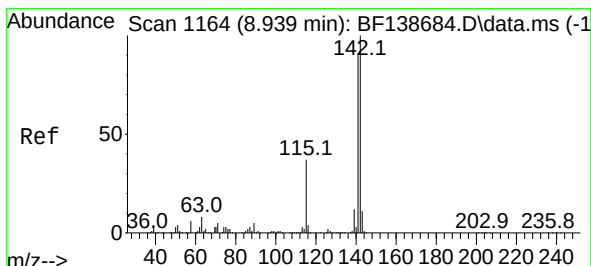
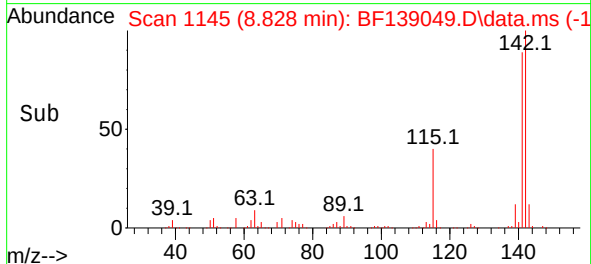
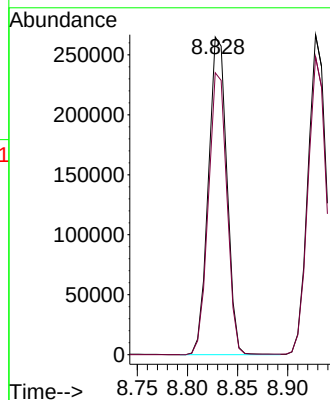
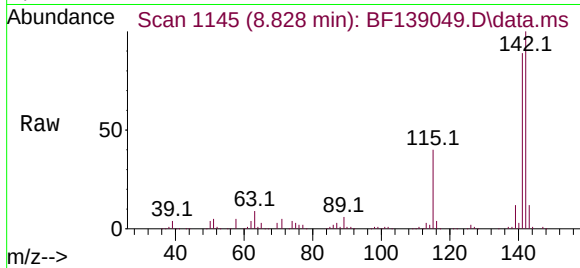
SSTDCCC040

Tgt Ion:142 Resp: 340362

Ion Ratio Lower Upper

142 100

141 88.7 70.8 106.2



#38

1-Methylnaphthalene

Concen: 40.902 ng

RT: 8.928 min Scan# 1162

Delta R.T. -0.012 min

Lab File: BF139049.D

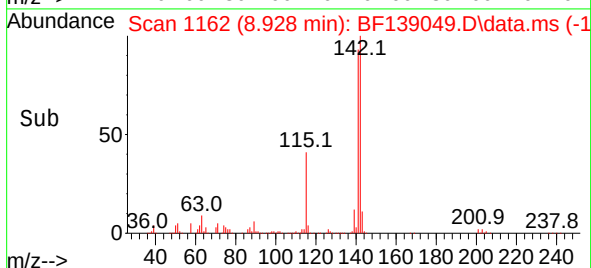
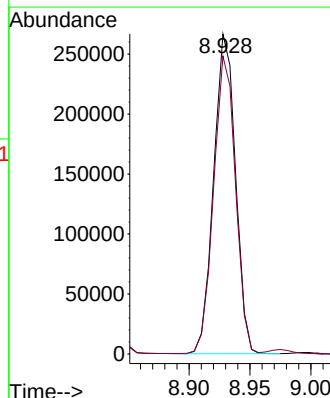
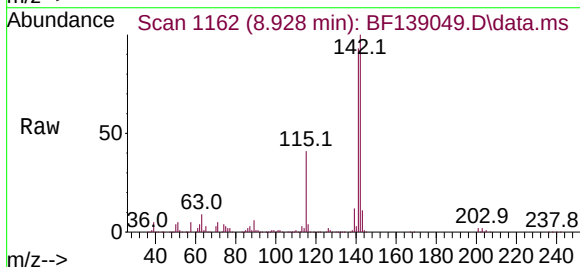
Acq: 16 Aug 2024 10:14

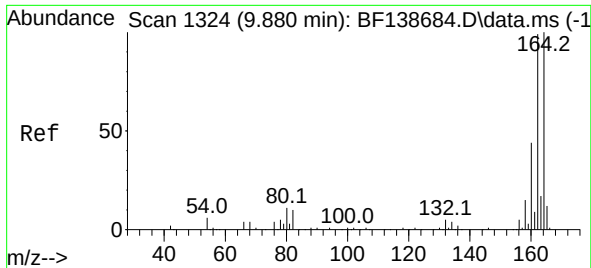
Tgt Ion:142 Resp: 332709

Ion Ratio Lower Upper

142 100

141 93.1 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1174

Delta R.T. -0.005 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

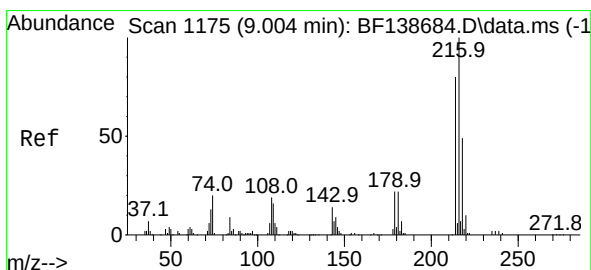
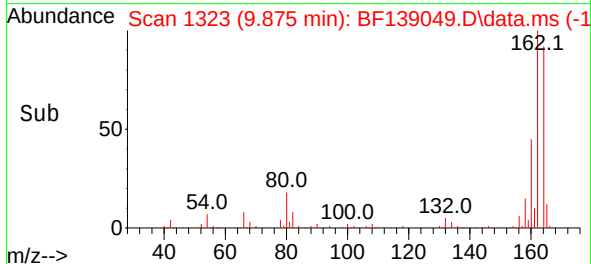
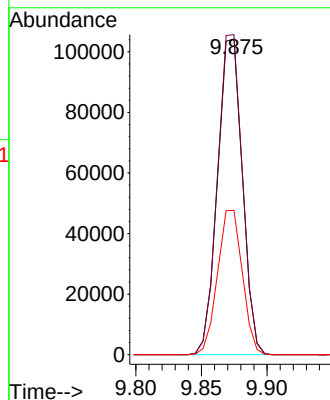
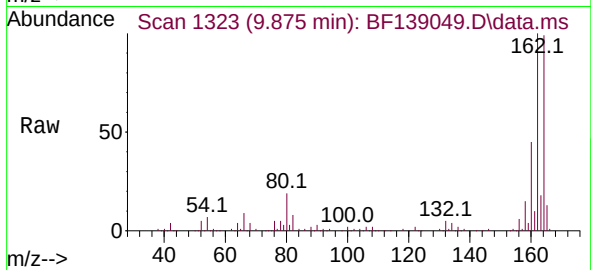
Tgt Ion:164 Resp: 137022

Ion Ratio Lower Upper

164 100

162 101.4 79.4 119.0

160 45.7 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.031 ng

RT: 8.998 min Scan# 1174

Delta R.T. -0.006 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

Tgt Ion:216 Resp: 156178

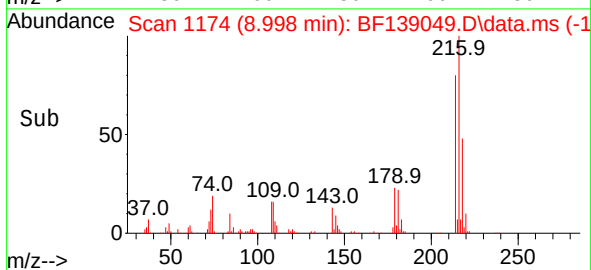
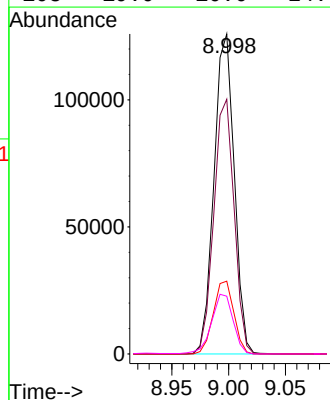
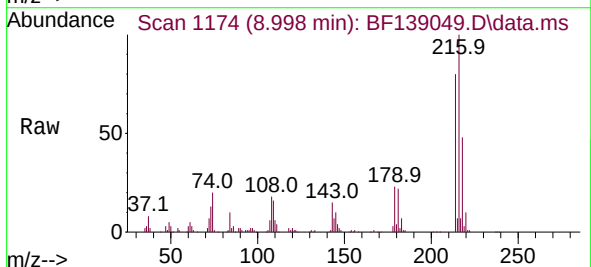
Ion Ratio Lower Upper

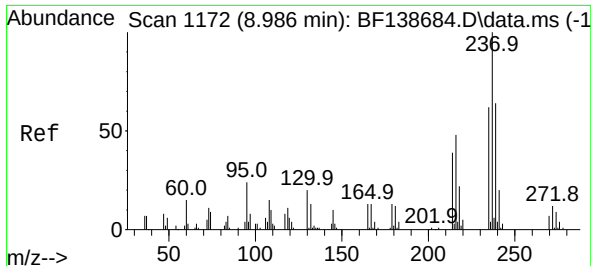
216 100

214 79.7 63.9 95.9

179 23.1 17.8 26.6

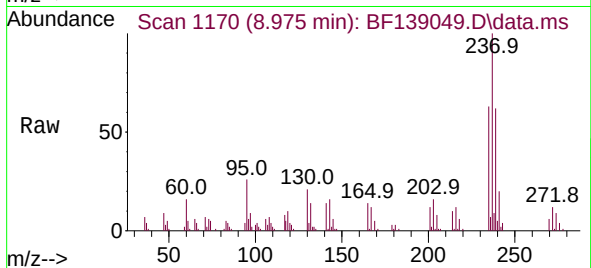
108 19.9 16.0 24.0



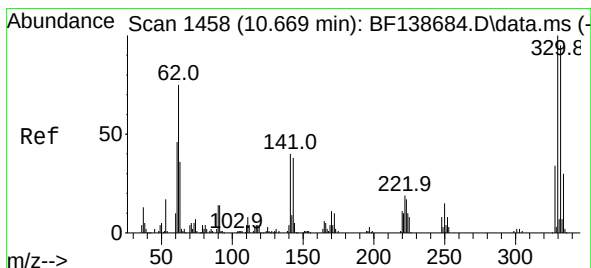
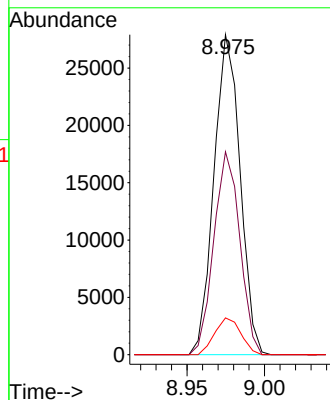
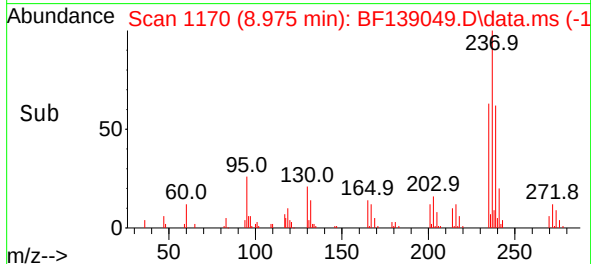


#41  
Hexachlorocyclopentadiene  
Concen: 36.631 ng  
RT: 8.975 min Scan# 1170  
Delta R.T. -0.011 min  
Lab File: BF139049.D  
Acq: 16 Aug 2024 10:14

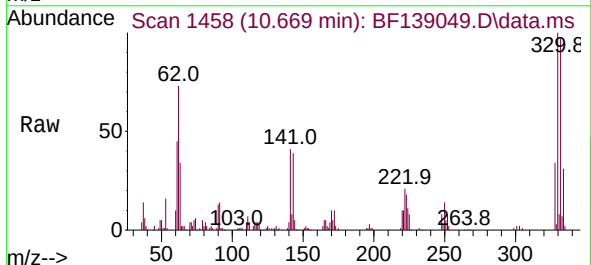
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040



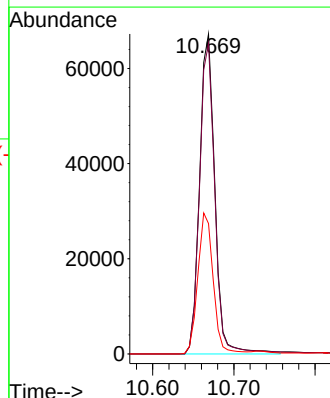
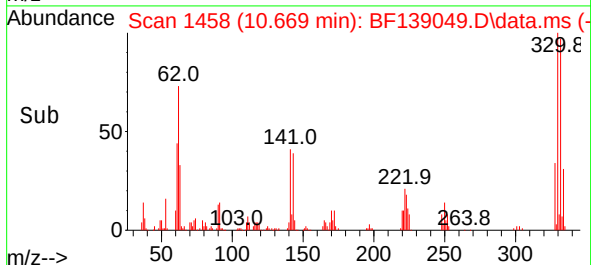
Tgt Ion:237 Resp: 32737  
Ion Ratio Lower Upper  
237 100  
235 63.4 41.8 81.8  
272 11.5 0.0 32.2



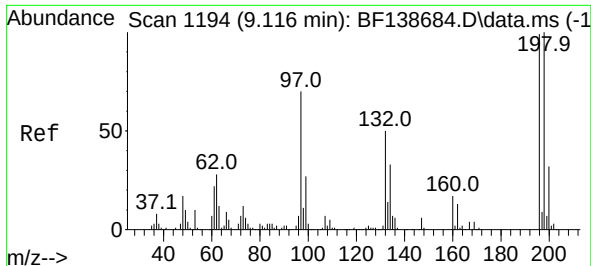
#42  
2,4,6-Tribromophenol  
Concen: 78.593 ng  
RT: 10.669 min Scan# 1458  
Delta R.T. 0.000 min  
Lab File: BF139049.D  
Acq: 16 Aug 2024 10:14



Tgt Ion:330 Resp: 88212  
Ion Ratio Lower Upper  
330 100  
332 98.5 76.4 114.6  
141 44.4 31.1 46.7







#43

2,4,6-Trichlorophenol

Concen: 39.151 ng

RT: 9.116 min Scan# 1194

Delta R.T. 0.000 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

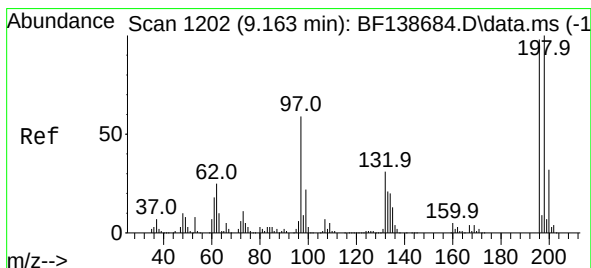
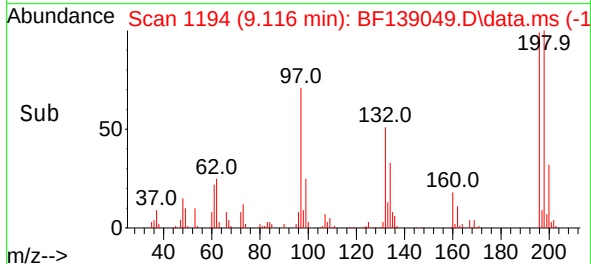
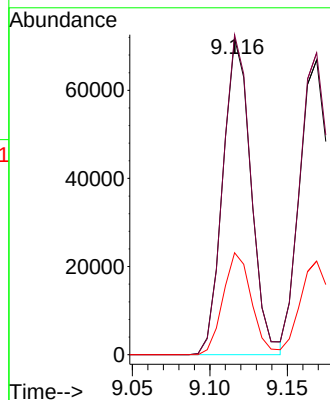
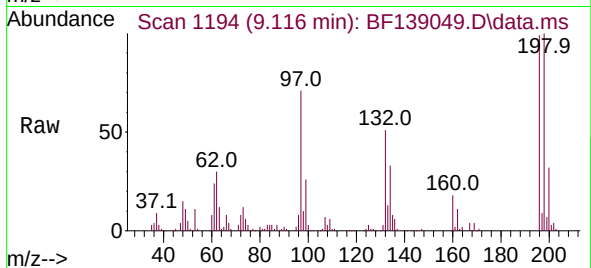
Tgt Ion:196 Resp: 90860

Ion Ratio Lower Upper

196 100

198 101.1 80.5 120.7

200 32.2 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 38.819 ng

RT: 9.169 min Scan# 1203

Delta R.T. 0.006 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

Tgt Ion:196 Resp: 98486

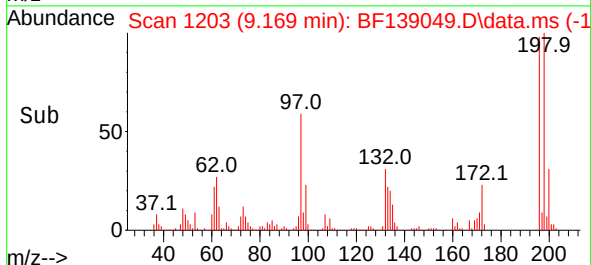
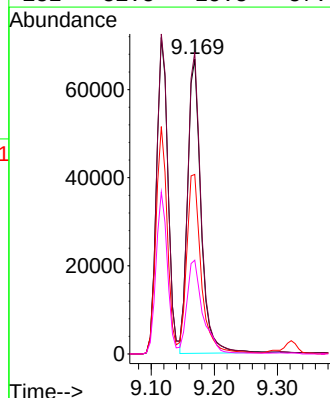
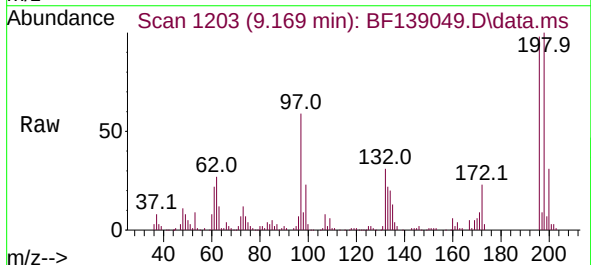
Ion Ratio Lower Upper

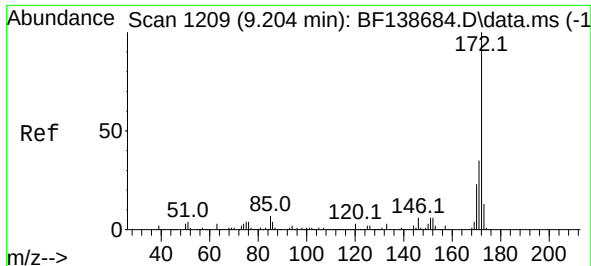
196 100

198 102.4 81.2 121.8

97 60.9 47.8 71.6

132 31.8 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 84.195 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.012 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

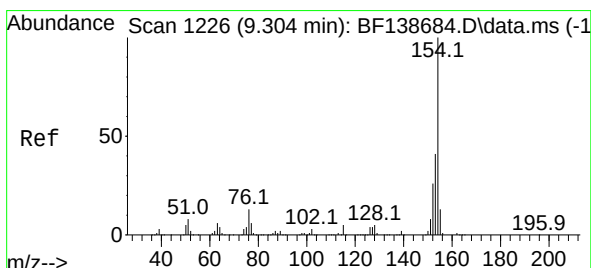
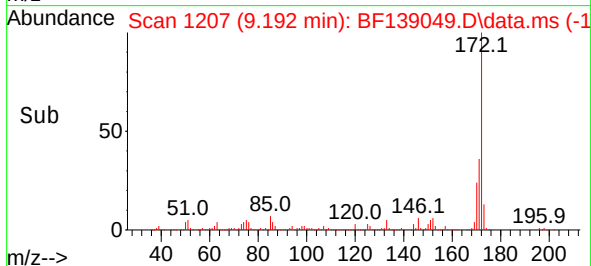
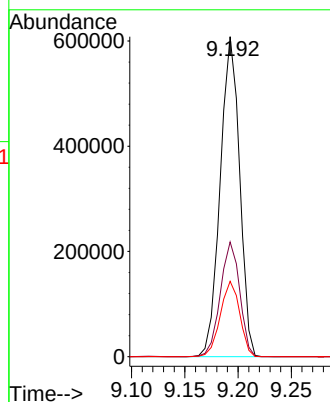
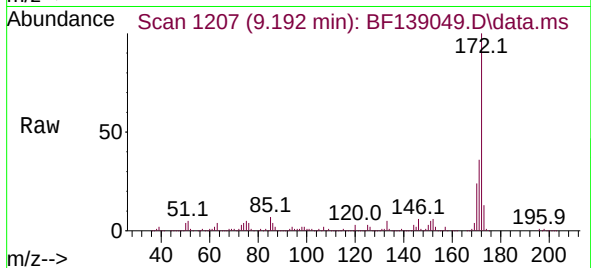
Tgt Ion:172 Resp: 767825

Ion Ratio Lower Upper

172 100

171 35.8 28.3 42.5

170 23.5 18.8 28.2



#46

1,1'-Biphenyl

Concen: 40.974 ng

RT: 9.292 min Scan# 1224

Delta R.T. -0.012 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

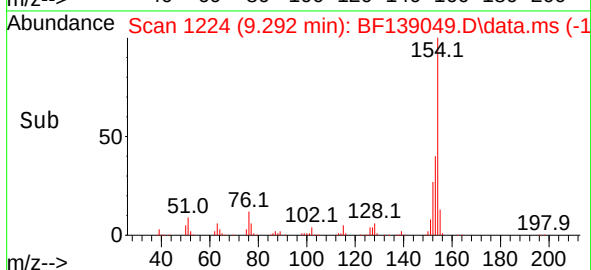
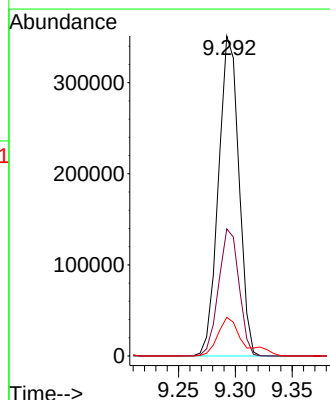
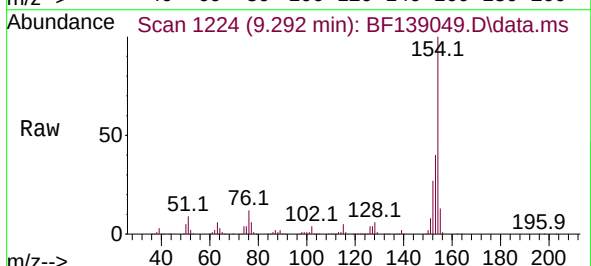
Tgt Ion:154 Resp: 439705

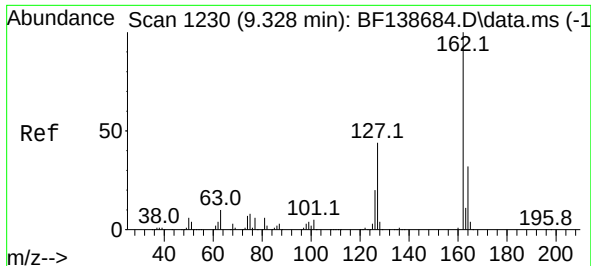
Ion Ratio Lower Upper

154 100

153 39.7 20.8 60.8

76 12.1 0.0 32.8





#47

2-Chloronaphthalene

Concen: 39.953 ng

RT: 9.322 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

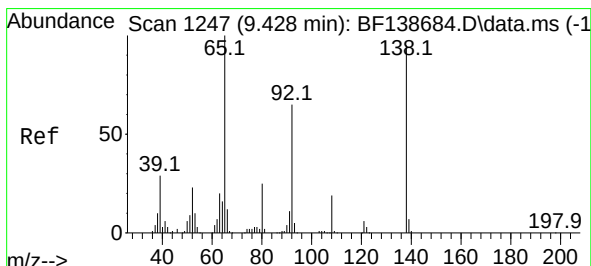
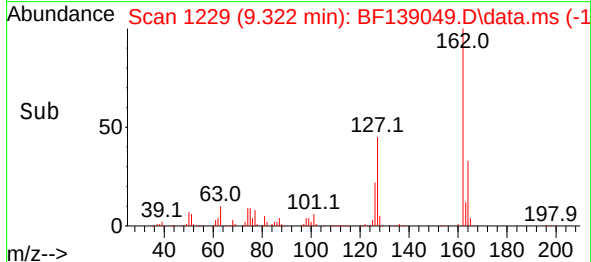
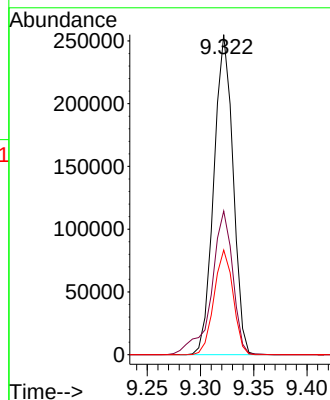
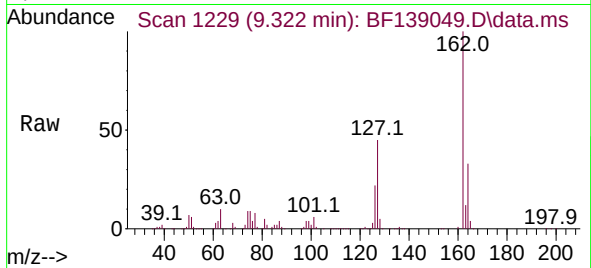
Tgt Ion:162 Resp: 318873

Ion Ratio Lower Upper

162 100

127 44.9 35.4 53.2

164 32.7 25.6 38.4



#48

2-Nitroaniline

Concen: 41.786 ng

RT: 9.428 min Scan# 1247

Delta R.T. 0.000 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

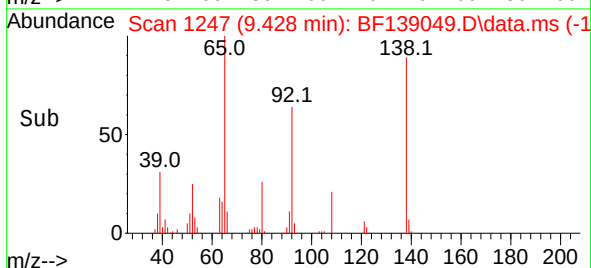
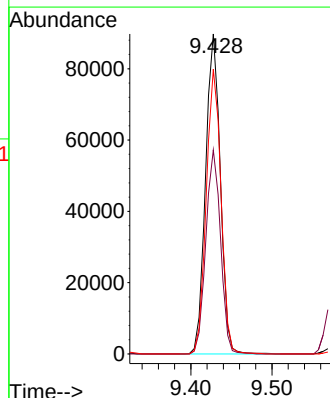
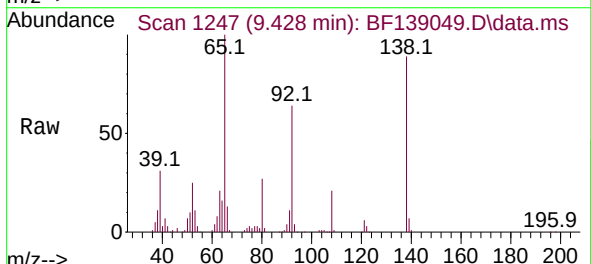
Tgt Ion: 65 Resp: 113063

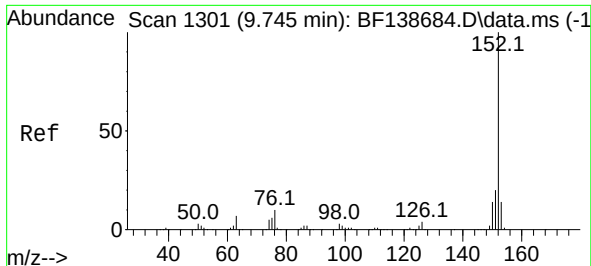
Ion Ratio Lower Upper

65 100

92 63.8 52.0 78.0

138 89.0 76.2 114.4





#49

Acenaphthylene

Concen: 40.059 ng

RT: 9.734 min Scan# 1299

Delta R.T. -0.012 min

Lab File: BF139049.D

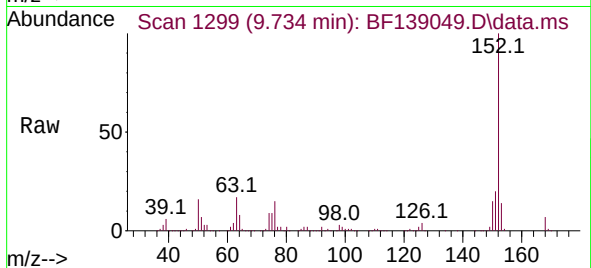
Acq: 16 Aug 2024 10:14

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



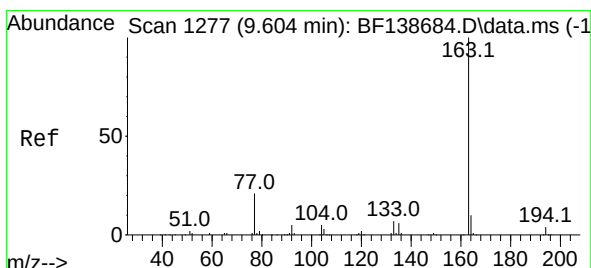
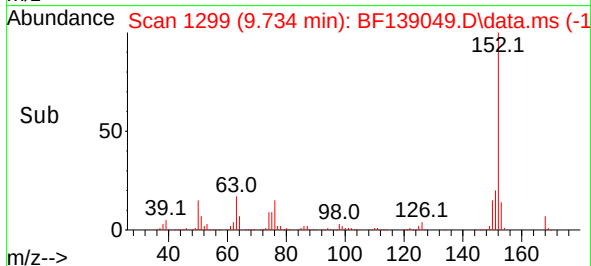
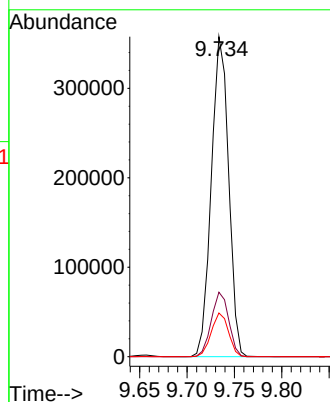
Tgt Ion:152 Resp: 453457

Ion Ratio Lower Upper

152 100

151 20.1 16.0 24.0

153 13.6 11.0 16.4



#50

Dimethylphthalate

Concen: 42.115 ng

RT: 9.598 min Scan# 1276

Delta R.T. -0.006 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

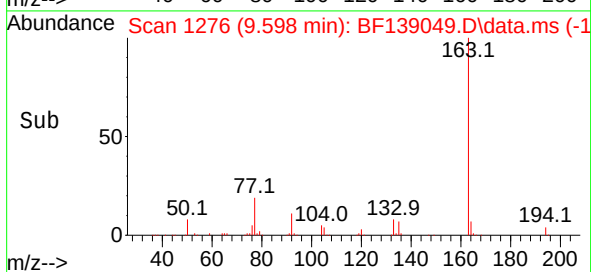
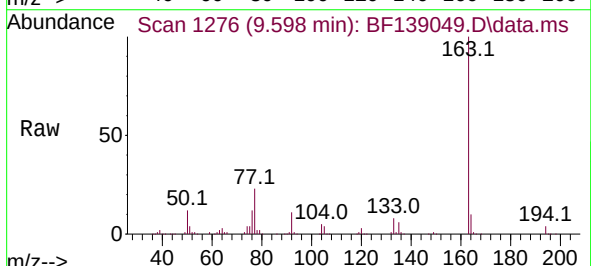
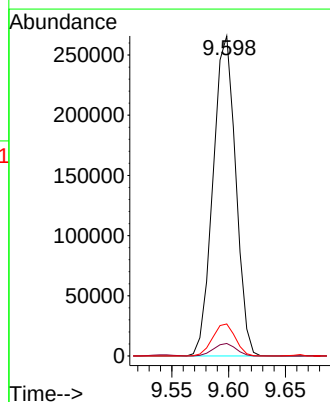
Tgt Ion:163 Resp: 368989

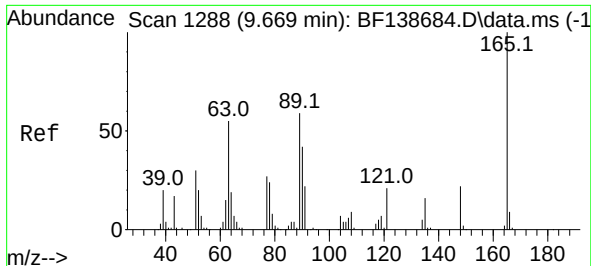
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.0 7.8 11.8





#51

2,6-Dinitrotoluene

Concen: 42.202 ng

RT: 9.669 min Scan# 1288

Delta R.T. 0.000 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

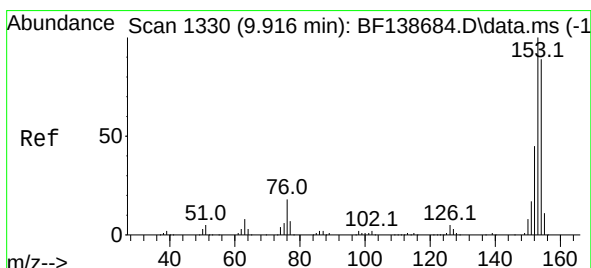
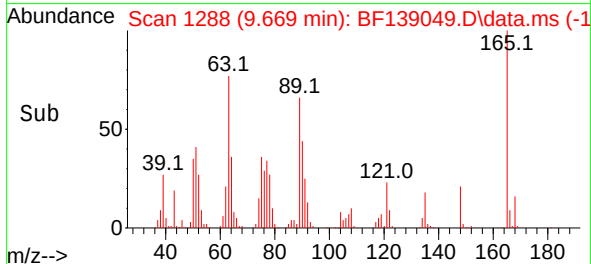
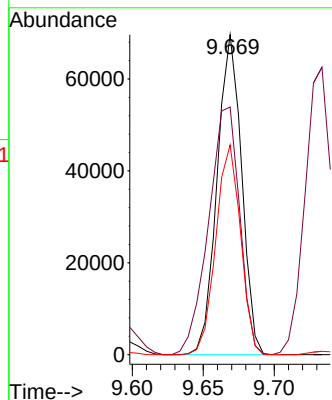
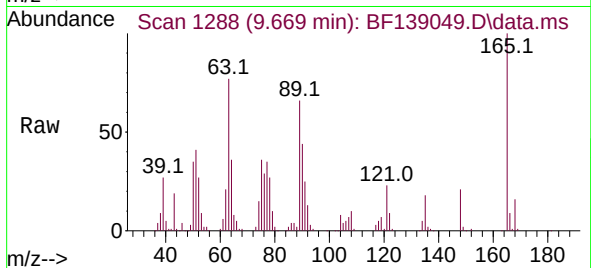
Tgt Ion:165 Resp: 83446

Ion Ratio Lower Upper

165 100

63 77.4 52.0 78.0

89 65.6 47.0 70.6



#52

Acenaphthene

Concen: 39.571 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

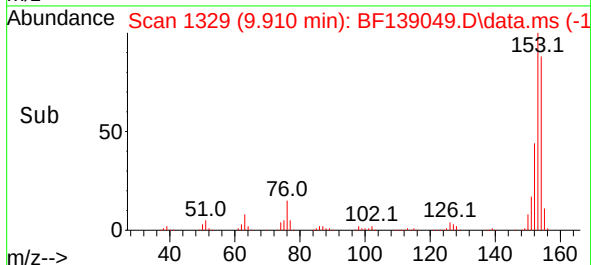
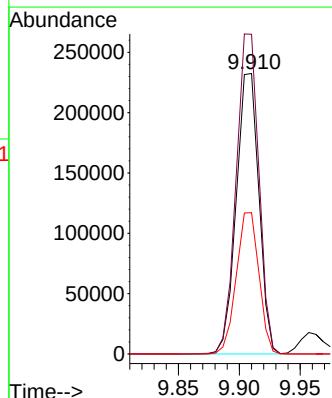
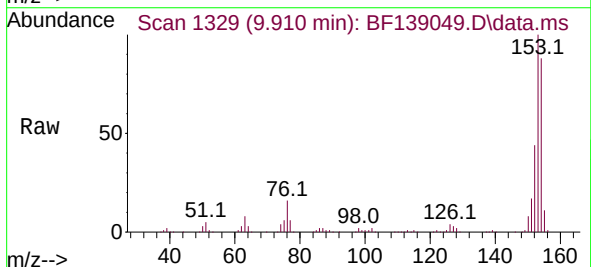
Tgt Ion:154 Resp: 301111

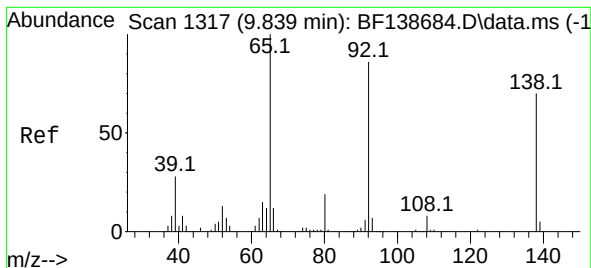
Ion Ratio Lower Upper

154 100

153 113.9 89.9 134.9

152 50.4 40.6 60.8





#53

3-Nitroaniline

Concen: 39.251 ng

RT: 9.839 min Scan# 1317

Delta R.T. 0.000 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

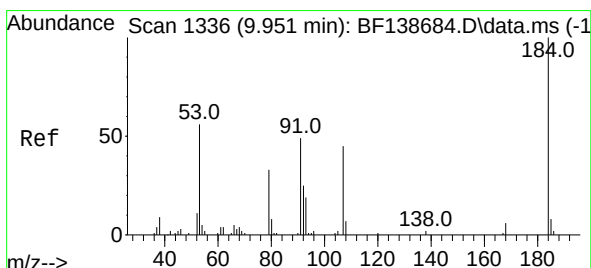
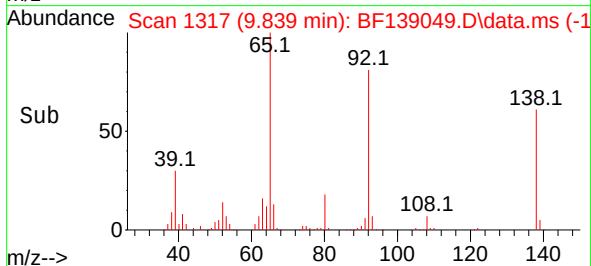
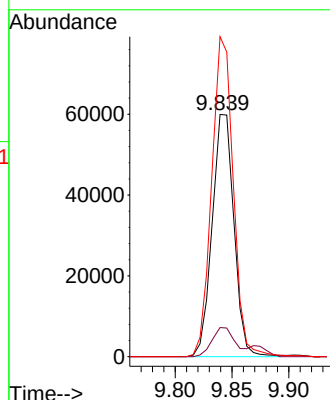
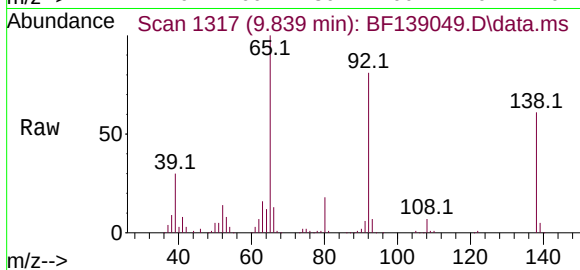
Tgt Ion:138 Resp: 80232

Ion Ratio Lower Upper

138 100

108 12.1 9.1 13.7

92 132.1 98.7 148.1



#54

2,4-Dinitrophenol

Concen: 41.045 ng

RT: 9.957 min Scan# 1337

Delta R.T. 0.006 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

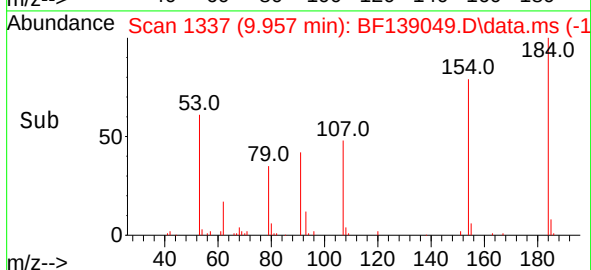
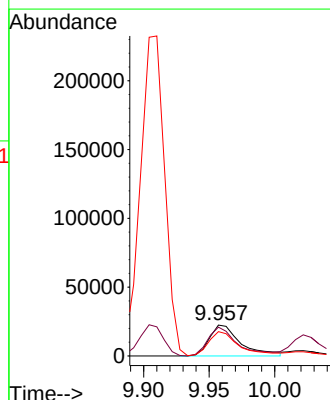
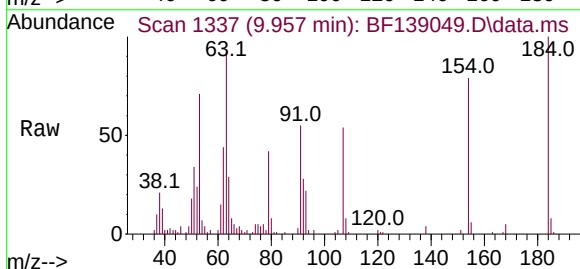
Tgt Ion:184 Resp: 37359

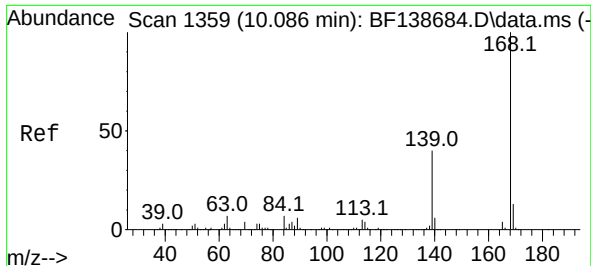
Ion Ratio Lower Upper

184 100

63 93.2 57.5 86.3#

154 78.9 51.7 77.5#





#55

Dibenzenofuran

Concen: 40.286 ng

RT: 10.081 min Scan# 1358

Delta R.T. -0.006 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

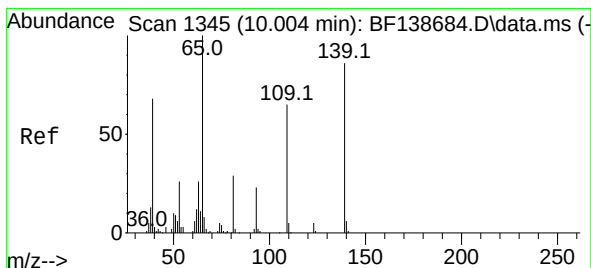
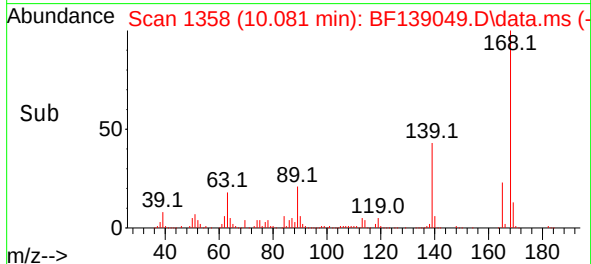
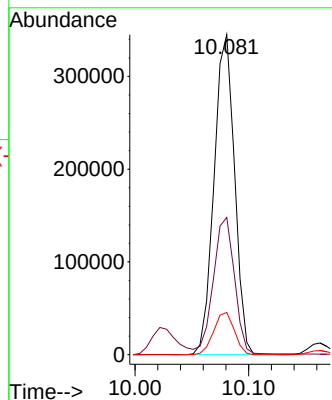
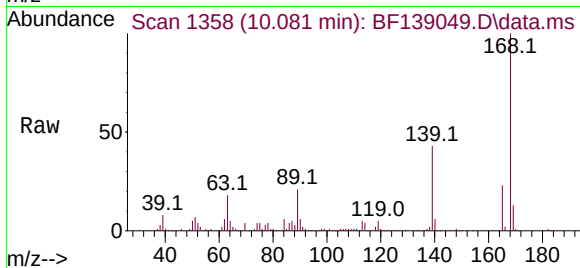
Tgt Ion:168 Resp: 432726

Ion Ratio Lower Upper

168 100

139 42.9 32.6 49.0

169 13.2 10.7 16.1



#56

4-Nitrophenol

Concen: 37.169 ng

RT: 10.022 min Scan# 1348

Delta R.T. 0.018 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

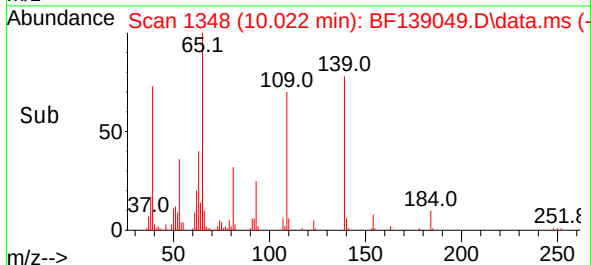
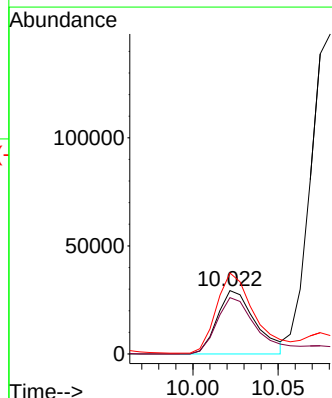
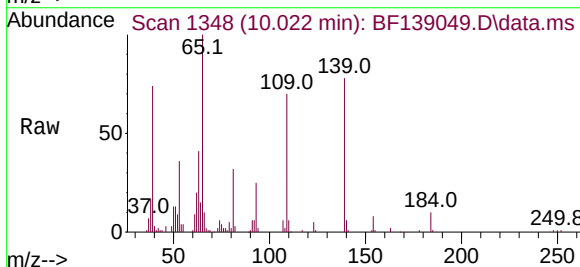
Tgt Ion:139 Resp: 45688

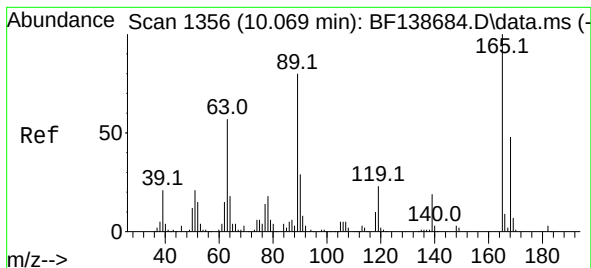
Ion Ratio Lower Upper

139 100

109 88.8 55.5 95.5

65 127.6 96.7 136.7

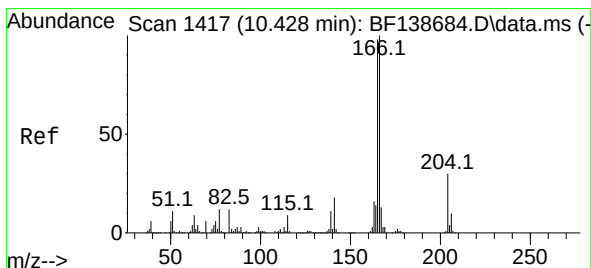
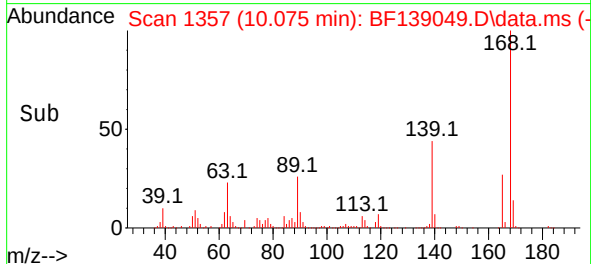
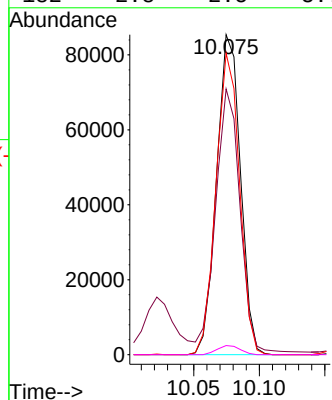
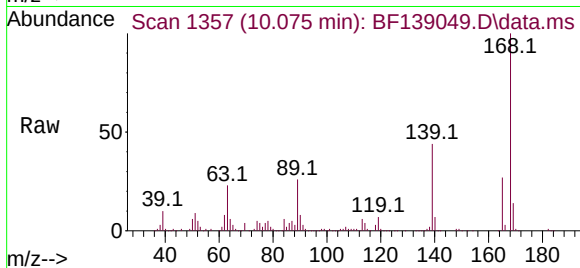




#57  
2,4-Dinitrotoluene  
Concen: 42.782 ng  
RT: 10.075 min Scan# 1415  
Delta R.T. 0.006 min  
Lab File: BF139049.D  
Acq: 16 Aug 2024 10:14

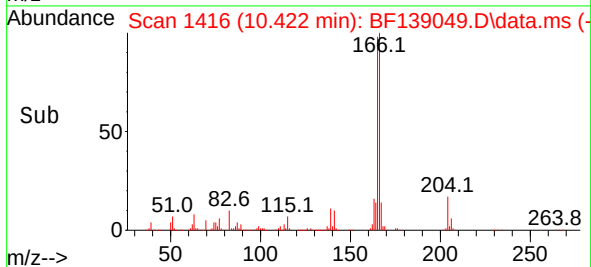
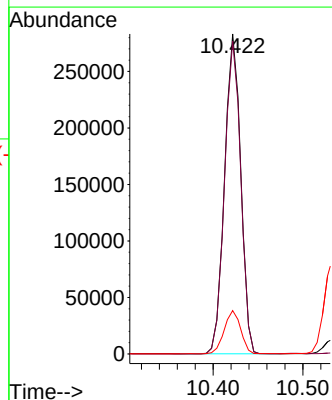
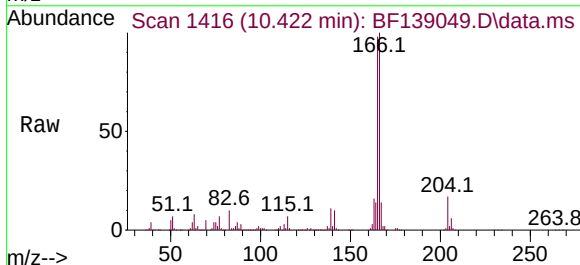
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:165 Resp: 107926  
Ion Ratio Lower Upper  
165 100  
63 83.0 46.3 69.5#  
89 94.2 64.2 96.4  
182 2.8 2.5 3.7

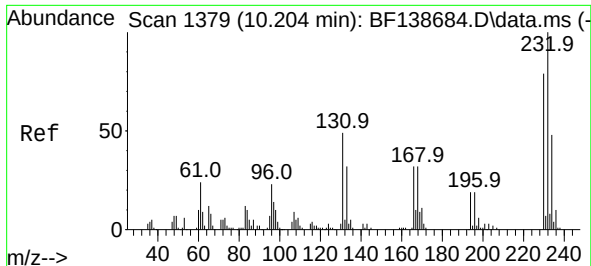


#58  
Fluorene  
Concen: 41.289 ng  
RT: 10.422 min Scan# 1416  
Delta R.T. -0.006 min  
Lab File: BF139049.D  
Acq: 16 Aug 2024 10:14

Tgt Ion:166 Resp: 353173  
Ion Ratio Lower Upper  
166 100  
165 97.7 78.4 117.6  
167 13.6 10.6 16.0







#59

2,3,4,6-Tetrachlorophenol

Concen: 37.398 ng

RT: 10.204 min Scan# 1379

Delta R.T. 0.000 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:232 Resp: 72538

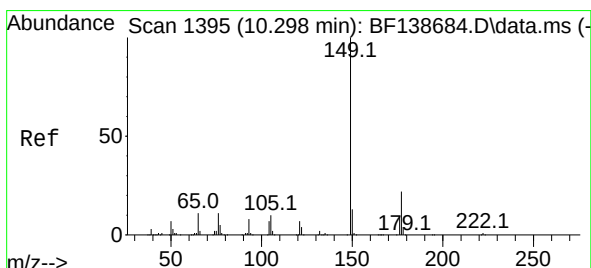
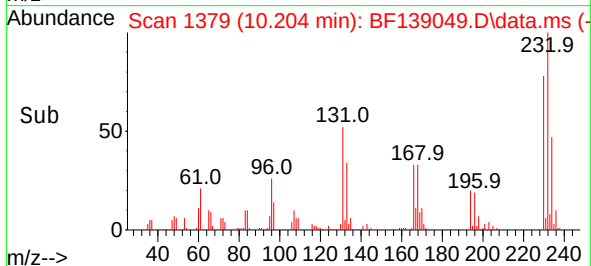
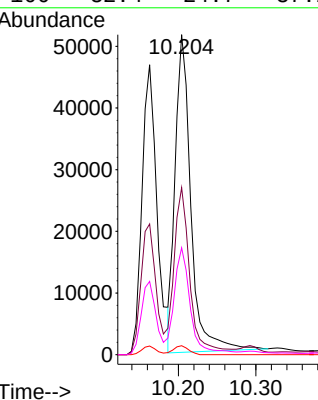
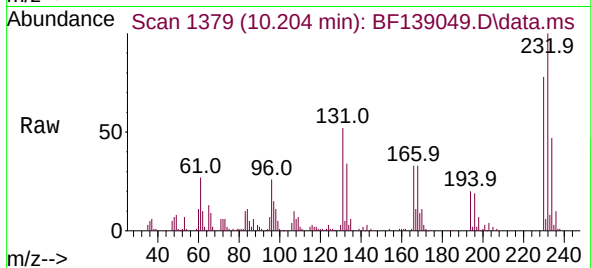
Ion Ratio Lower Upper

232 100

131 52.6 37.0 55.4

130 2.8 2.0 3.0

166 32.4 24.7 37.1



#60

Diethylphthalate

Concen: 43.502 ng

RT: 10.292 min Scan# 1394

Delta R.T. -0.006 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

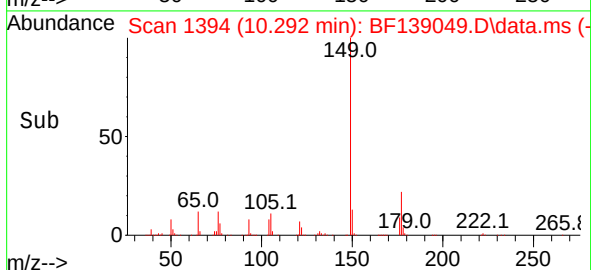
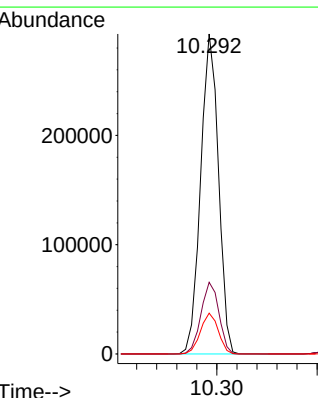
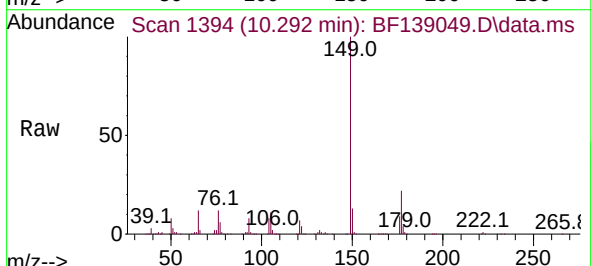
Tgt Ion:149 Resp: 361383

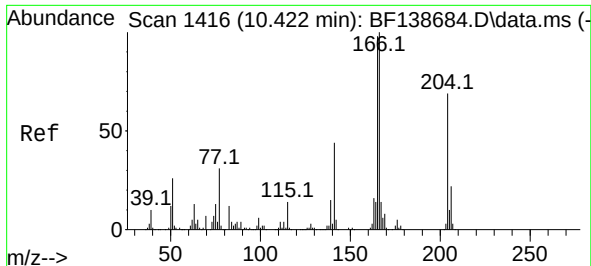
Ion Ratio Lower Upper

149 100

177 22.4 17.8 26.8

150 12.8 10.1 15.1

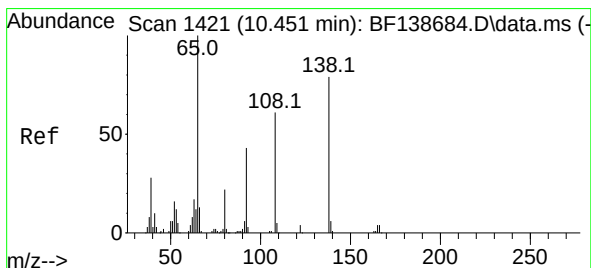
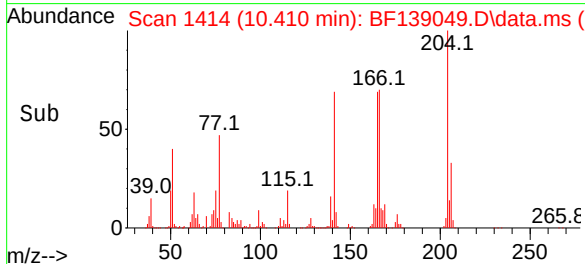
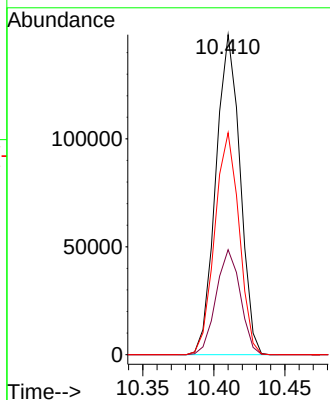
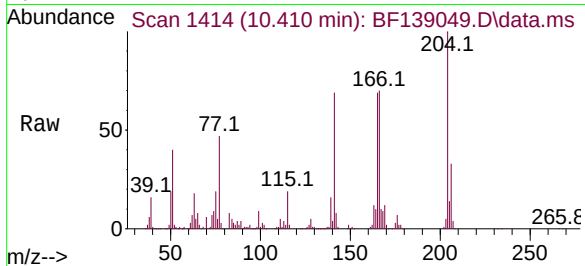




#61  
4-Chlorophenyl-phenylether  
Concen: 41.818 ng  
RT: 10.410 min Scan# 1415  
Delta R.T. -0.012 min  
Lab File: BF139049.D  
Acq: 16 Aug 2024 10:14

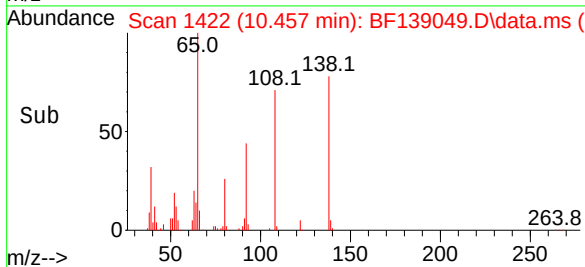
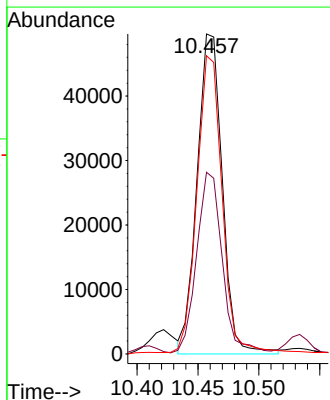
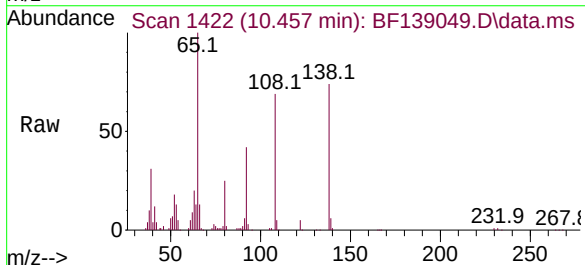
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

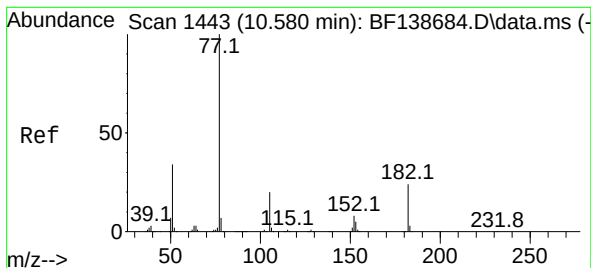
Tgt Ion:204 Resp: 175925  
Ion Ratio Lower Upper  
204 100  
206 32.8 26.1 39.1  
141 69.4 51.4 77.0



#62  
4-Nitroaniline  
Concen: 36.828 ng  
RT: 10.457 min Scan# 1422  
Delta R.T. 0.006 min  
Lab File: BF139049.D  
Acq: 16 Aug 2024 10:14

Tgt Ion:138 Resp: 71538  
Ion Ratio Lower Upper  
138 100  
92 56.8 34.2 74.2  
108 93.2 56.2 96.2





#63

Azobenzene

Concen: 41.572 ng

RT: 10.569 min Scan# 1441

Delta R.T. -0.012 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 383027

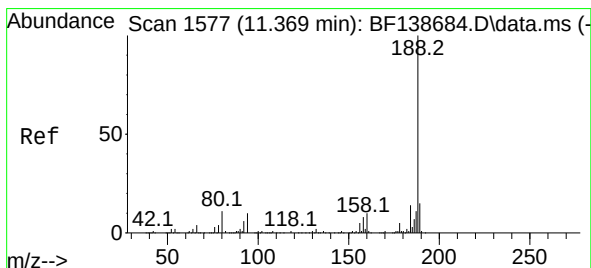
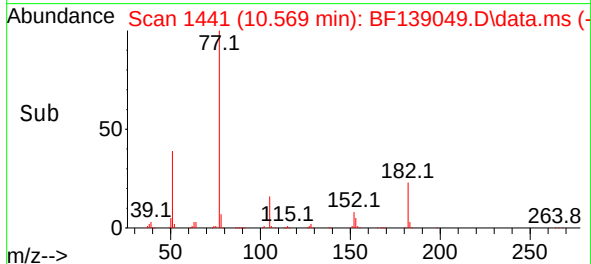
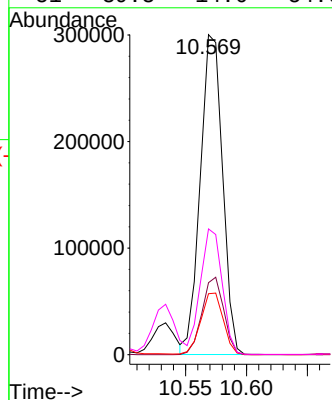
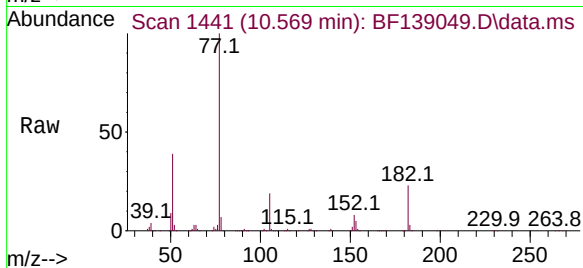
Ion Ratio Lower Upper

77 100

182 22.5 3.4 43.4

105 19.0 0.2 40.2

51 39.3 14.6 54.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1575

Delta R.T. -0.012 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

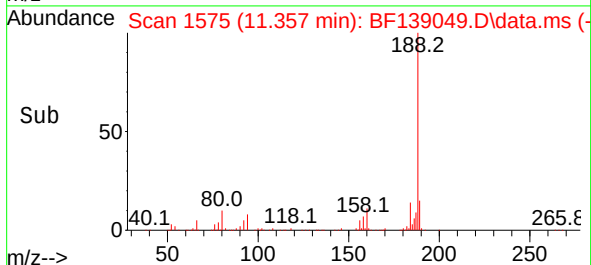
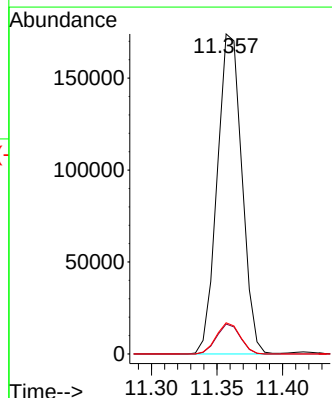
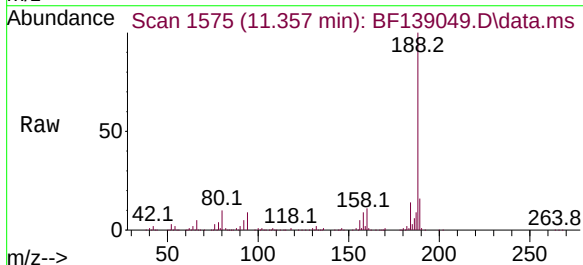
Tgt Ion:188 Resp: 227673

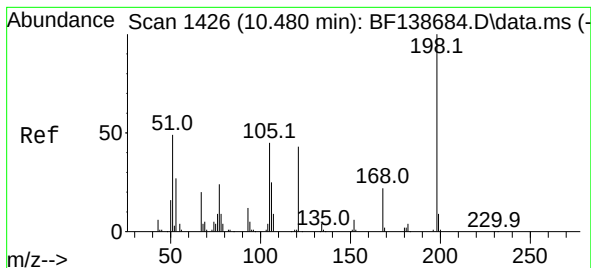
Ion Ratio Lower Upper

188 100

94 9.3 7.6 11.4

80 9.7 8.6 12.8

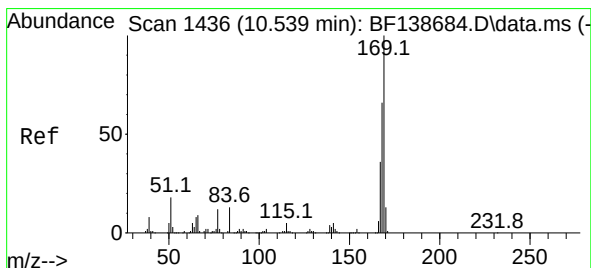
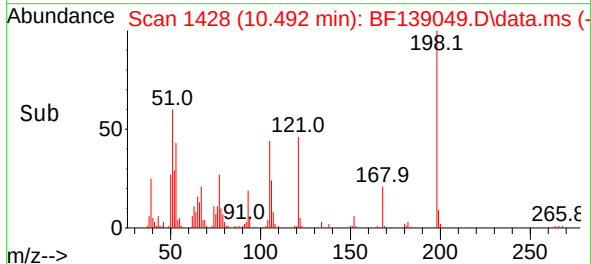
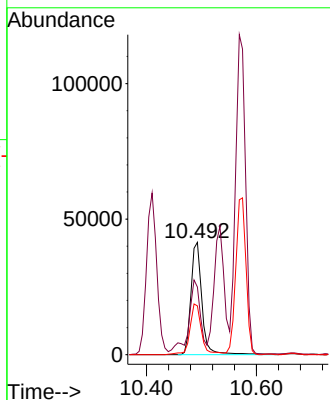
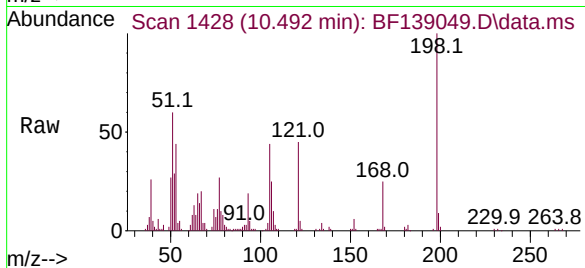




#65  
4,6-Dinitro-2-methylphenol  
Concen: 41.252 ng  
RT: 10.492 min Scan# 1426  
Delta R.T. 0.012 min  
Lab File: BF139049.D  
Acq: 16 Aug 2024 10:14

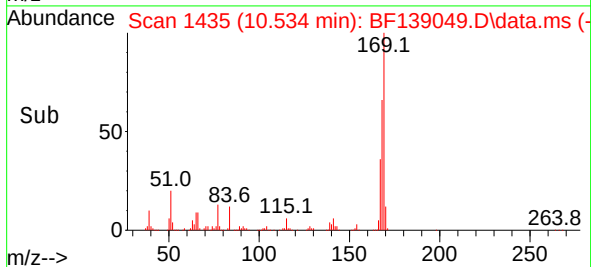
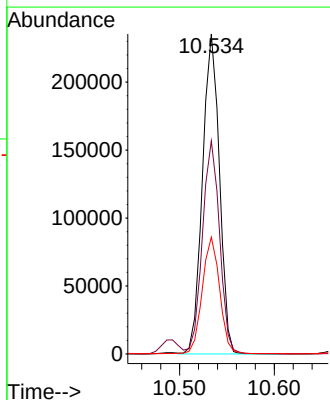
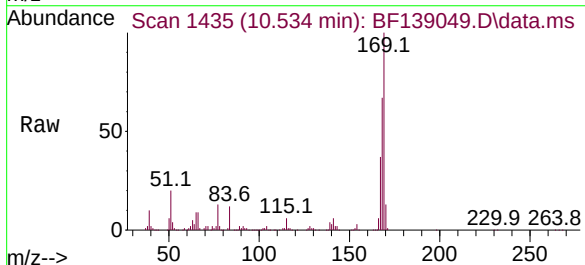
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

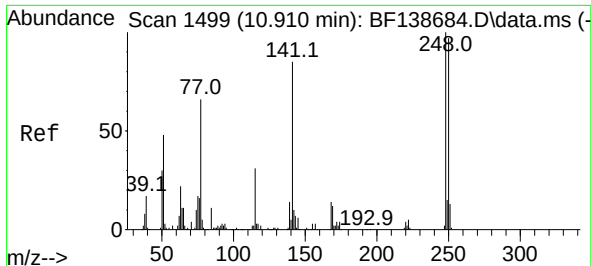
Tgt Ion:198 Resp: 57299  
Ion Ratio Lower Upper  
198 100  
51 60.2 39.9 79.9  
105 43.5 26.1 66.1



#66  
n-Nitrosodiphenylamine  
Concen: 41.060 ng  
RT: 10.534 min Scan# 1435  
Delta R.T. -0.006 min  
Lab File: BF139049.D  
Acq: 16 Aug 2024 10:14

Tgt Ion:169 Resp: 292203  
Ion Ratio Lower Upper  
169 100  
168 66.6 53.0 79.6  
167 36.5 29.0 43.6

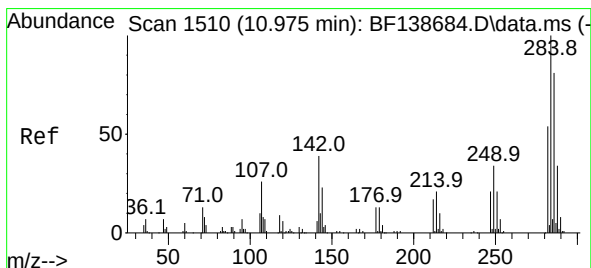
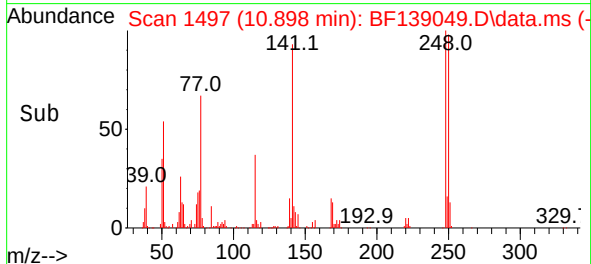
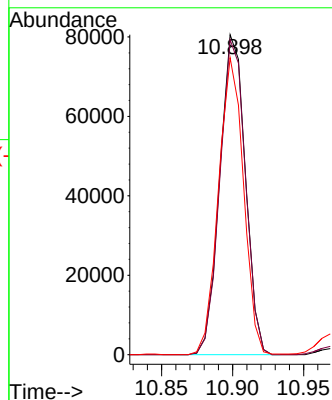
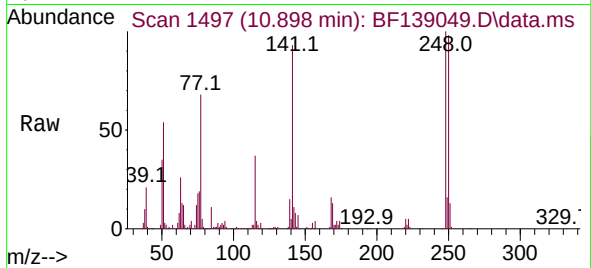




#67  
4-Bromophenyl-phenylether  
Concen: 40.814 ng  
RT: 10.898 min Scan# 1499  
Delta R.T. -0.012 min  
Lab File: BF139049.D  
Acq: 16 Aug 2024 10:14

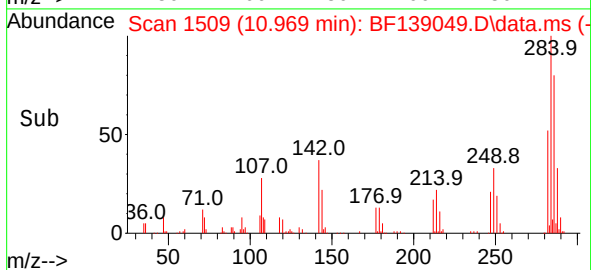
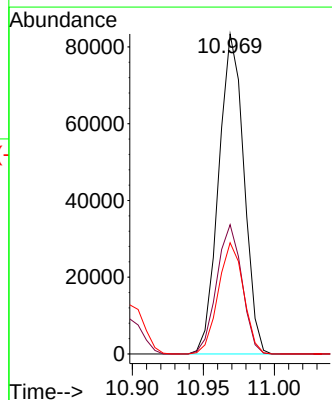
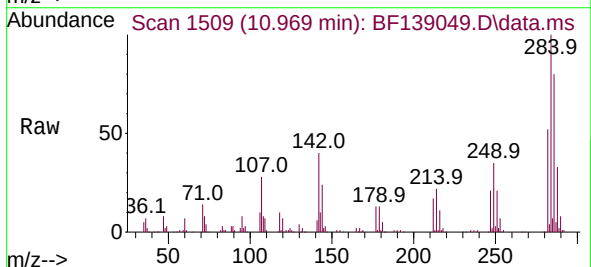
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

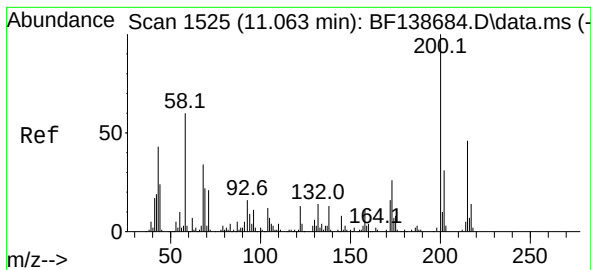
Tgt Ion:248 Resp: 100606  
Ion Ratio Lower Upper  
248 100  
250 98.4 77.7 116.5  
141 92.8 68.0 102.0



#68  
Hexachlorobenzene  
Concen: 40.484 ng  
RT: 10.969 min Scan# 1509  
Delta R.T. -0.006 min  
Lab File: BF139049.D  
Acq: 16 Aug 2024 10:14

Tgt Ion:284 Resp: 103036  
Ion Ratio Lower Upper  
284 100  
142 40.4 31.3 46.9  
249 34.8 27.2 40.8





#69

Atrazine

Concen: 35.061 ng

RT: 11.057 min Scan# 1525

Delta R.T. -0.006 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

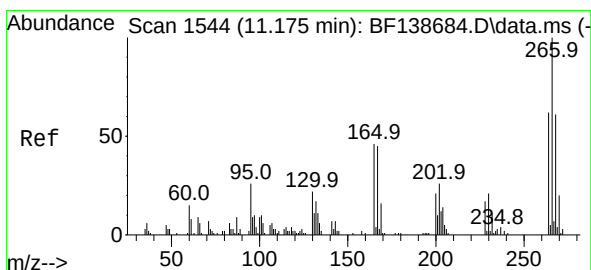
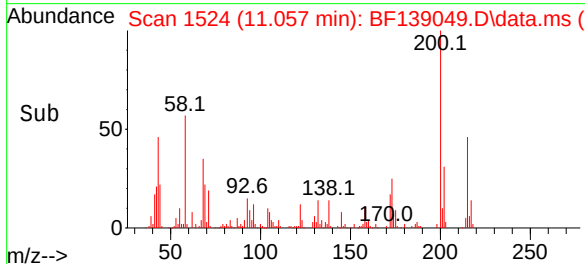
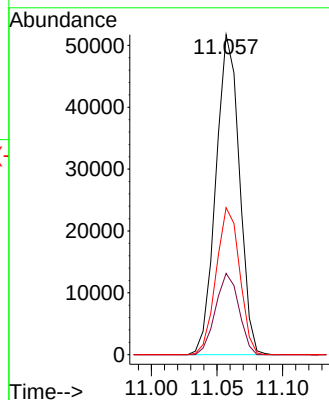
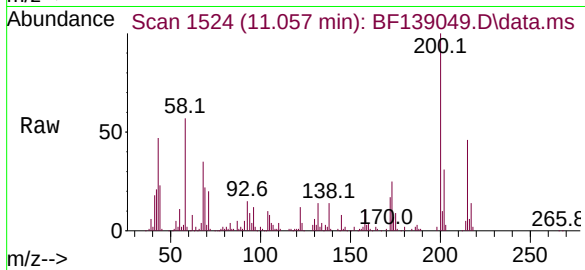
Tgt Ion:200 Resp: 64375

Ion Ratio Lower Upper

200 100

173 25.4 6.0 46.0

215 46.0 26.1 66.1



#70

Pentachlorophenol

Concen: 34.470 ng

RT: 11.175 min Scan# 1544

Delta R.T. -0.000 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

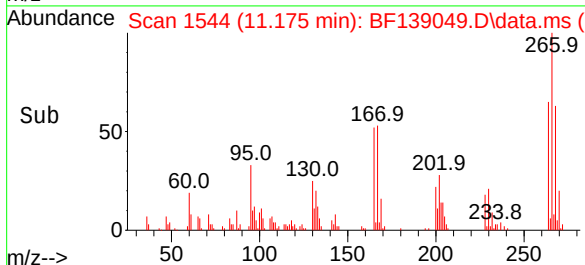
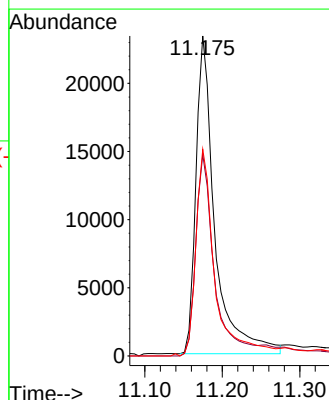
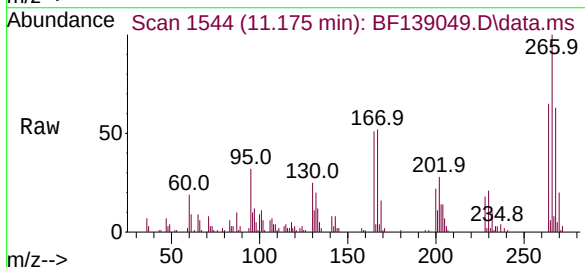
Tgt Ion:266 Resp: 39544

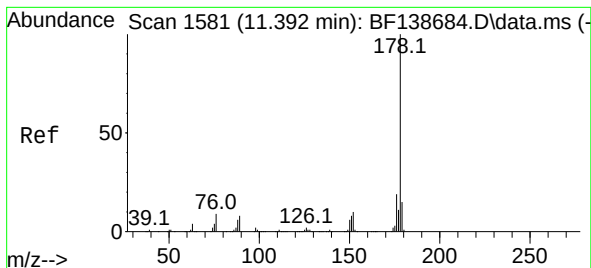
Ion Ratio Lower Upper

266 100

268 62.9 49.2 73.8

264 64.6 49.8 74.6





#71

Phenanthrene

Concen: 39.975 ng

RT: 11.386 min Scan# 1580

Delta R.T. -0.006 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

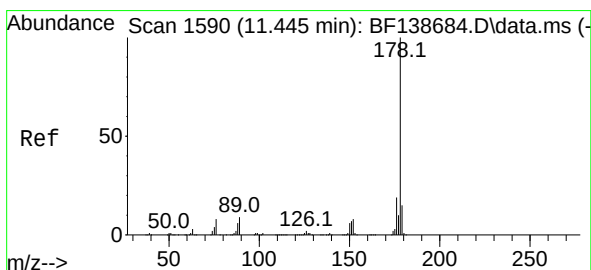
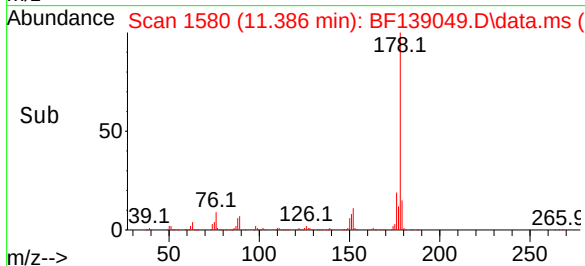
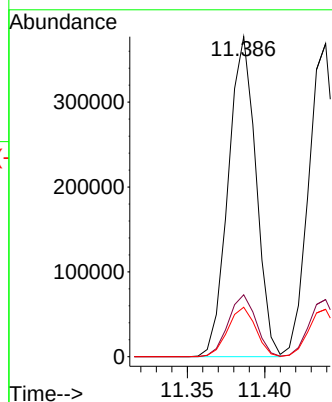
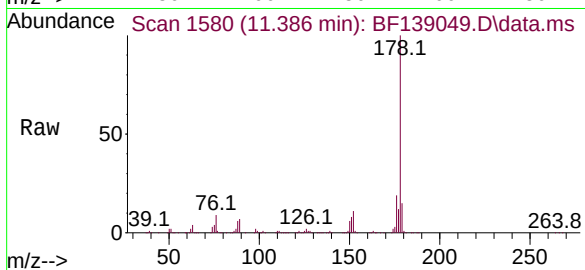
Tgt Ion:178 Resp: 468646

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

179 15.5 12.2 18.2



#72

Anthracene

Concen: 40.188 ng

RT: 11.439 min Scan# 1589

Delta R.T. -0.006 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

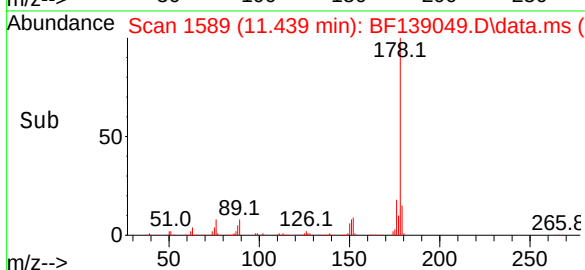
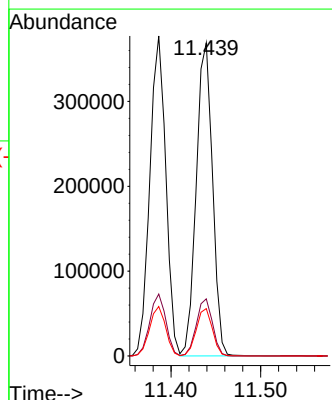
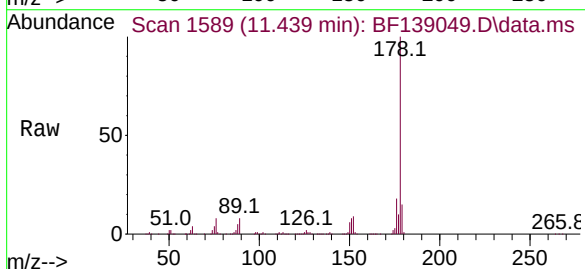
Tgt Ion:178 Resp: 464138

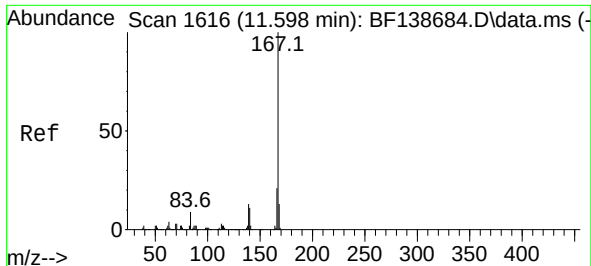
Ion Ratio Lower Upper

178 100

176 18.2 14.9 22.3

179 15.1 12.4 18.6

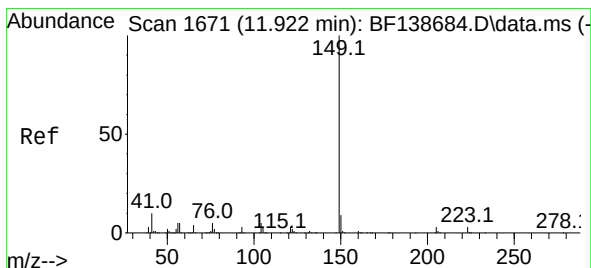
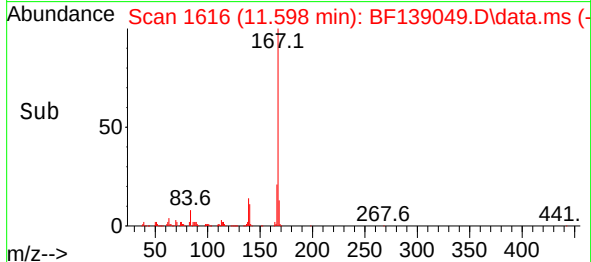
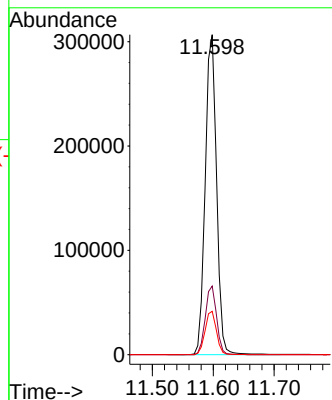
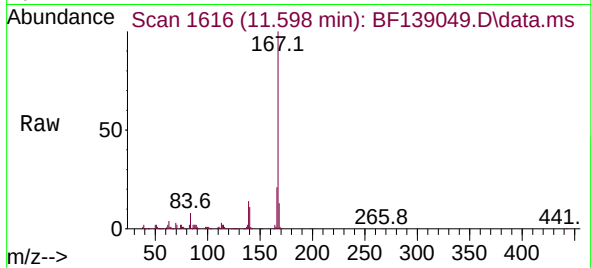




#73  
 Carbazole  
 Concen: 39.741 ng  
 RT: 11.598 min Scan# 1669  
 Delta R.T. 0.000 min  
 Lab File: BF139049.D  
 Acq: 16 Aug 2024 10:14

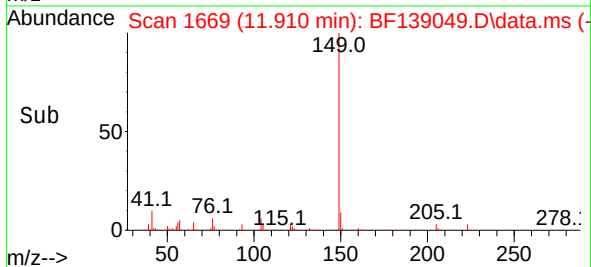
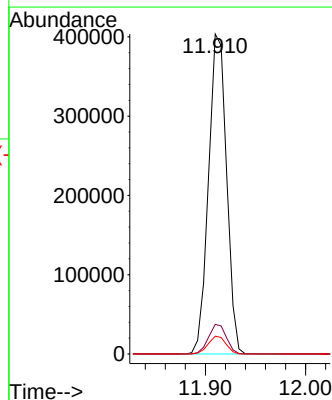
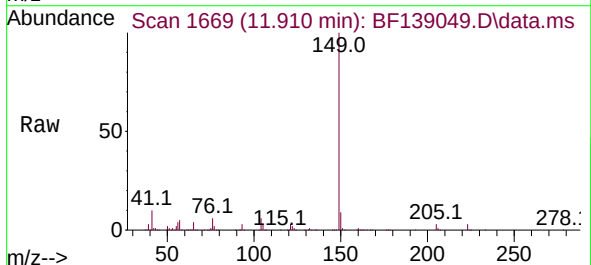
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:167 Resp: 395975  
 Ion Ratio Lower Upper  
 167 100  
 166 21.5 17.2 25.8  
 139 13.5 10.6 16.0

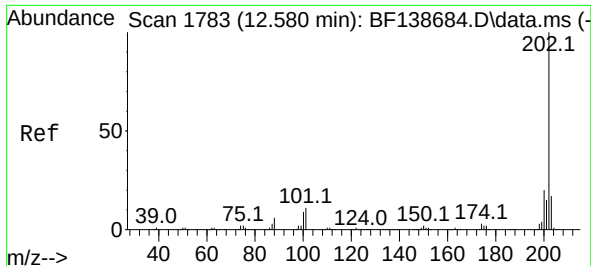


#74  
 Di-n-butylphthalate  
 Concen: 45.187 ng  
 RT: 11.910 min Scan# 1669  
 Delta R.T. -0.012 min  
 Lab File: BF139049.D  
 Acq: 16 Aug 2024 10:14

Tgt Ion:149 Resp: 506144  
 Ion Ratio Lower Upper  
 149 100  
 150 9.3 7.4 11.0  
 104 5.6 4.1 6.1







#75

Fluoranthene

Concen: 38.161 ng

RT: 12.575 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

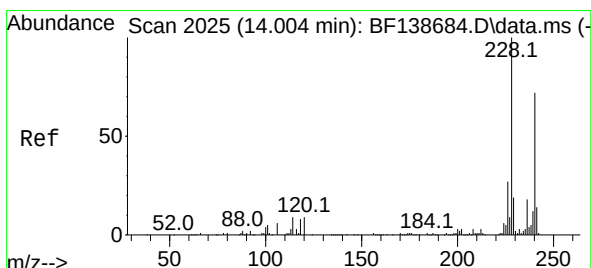
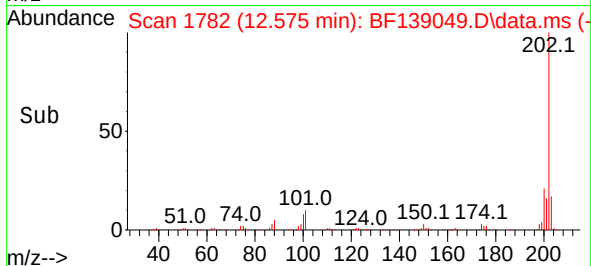
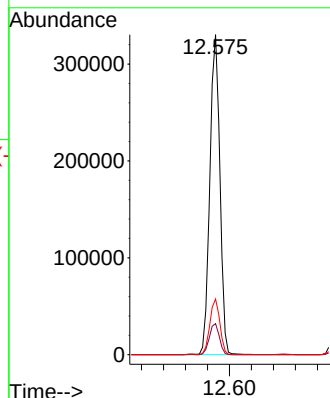
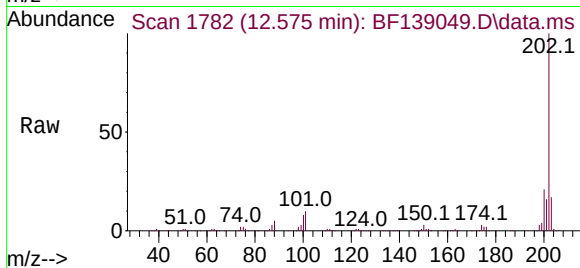
Tgt Ion:202 Resp: 417649

Ion Ratio Lower Upper

202 100

101 9.7 0.0 31.2

203 17.4 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

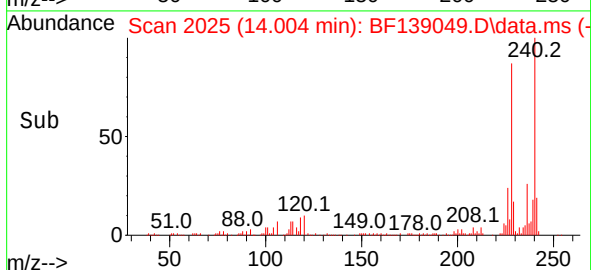
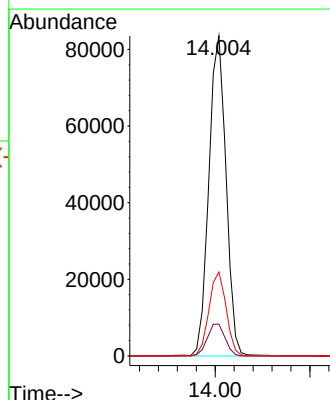
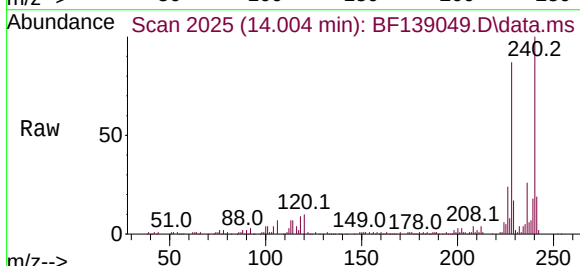
Tgt Ion:240 Resp: 105031

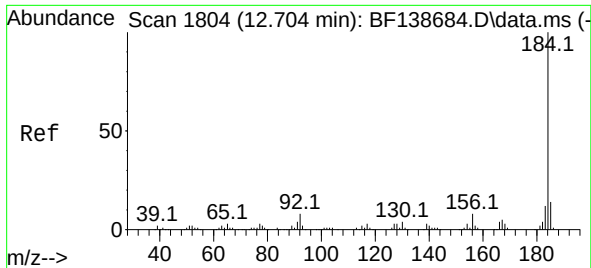
Ion Ratio Lower Upper

240 100

120 10.0 10.2 15.4#

236 26.2 19.8 29.8

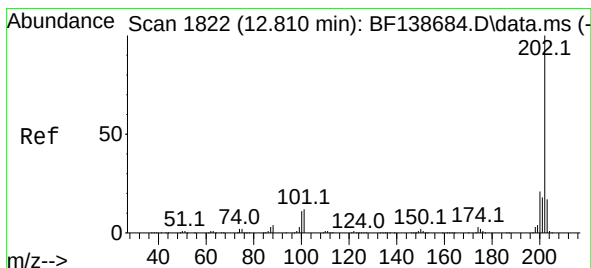
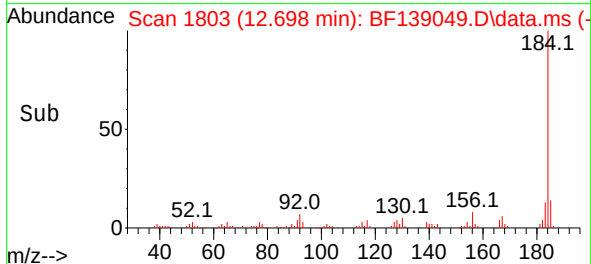
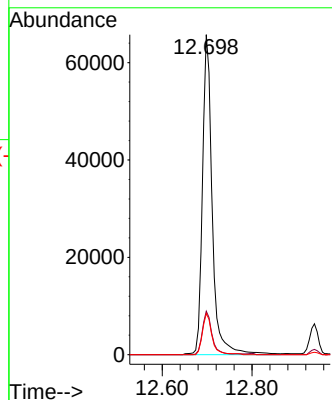
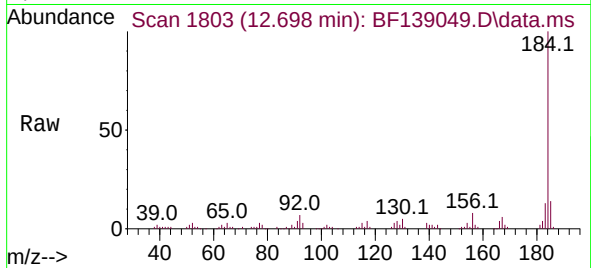




#77  
Benzidine  
Concen: 39.625 ng  
RT: 12.698 min Scan# 1803  
Delta R.T. -0.006 min  
Lab File: BF139049.D  
Acq: 16 Aug 2024 10:14

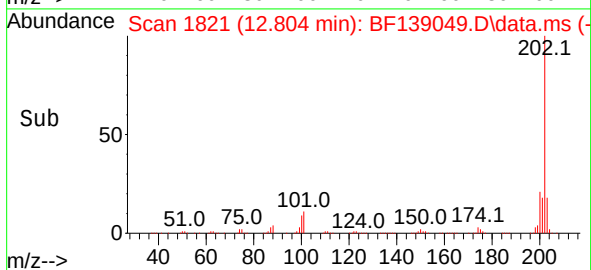
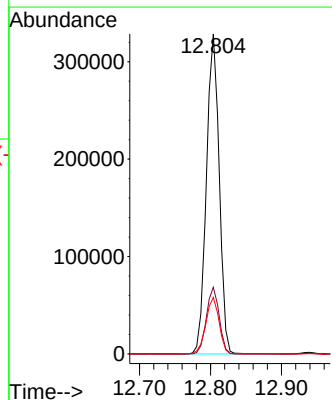
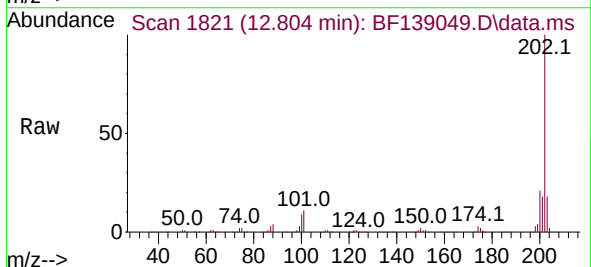
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

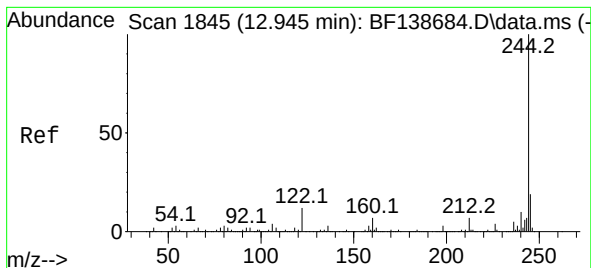
Tgt Ion:184 Resp: 99545  
Ion Ratio Lower Upper  
184 100  
185 13.6 11.1 16.7  
183 12.8 9.6 14.4



#78  
Pyrene  
Concen: 41.683 ng  
RT: 12.804 min Scan# 1821  
Delta R.T. -0.006 min  
Lab File: BF139049.D  
Acq: 16 Aug 2024 10:14

Tgt Ion:202 Resp: 412208  
Ion Ratio Lower Upper  
202 100  
200 20.8 16.8 25.2  
203 17.6 13.8 20.6





#79

Terphenyl-d14

Concen: 85.104 ng

RT: 12.939 min Scan# 1844

Delta R.T. -0.006 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

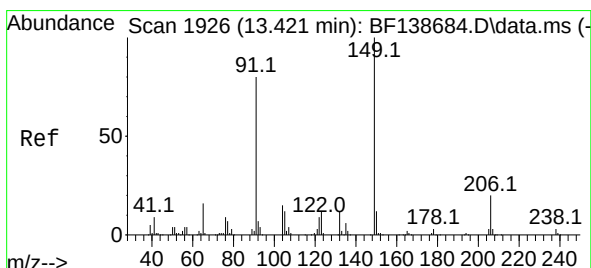
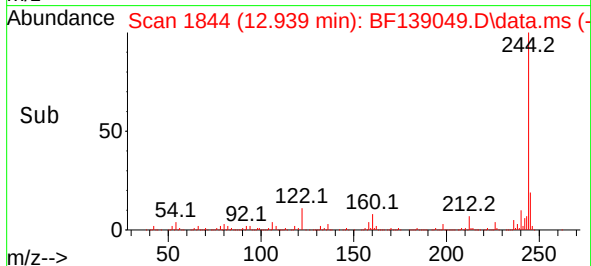
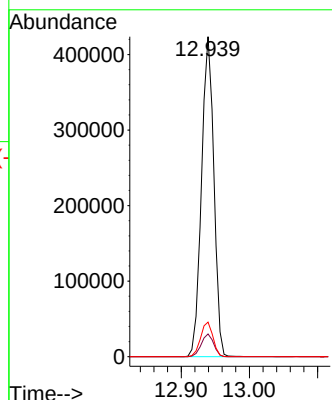
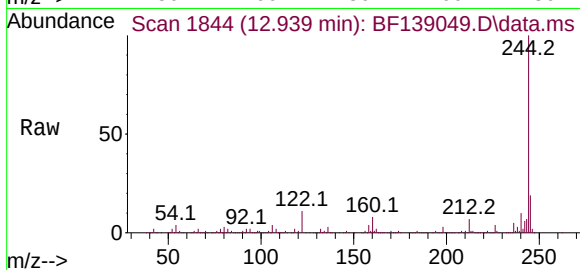
Tgt Ion:244 Resp: 533878

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

122 10.8 9.6 14.4



#80

Butylbenzylphthalate

Concen: 43.783 ng

RT: 13.410 min Scan# 1924

Delta R.T. -0.012 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

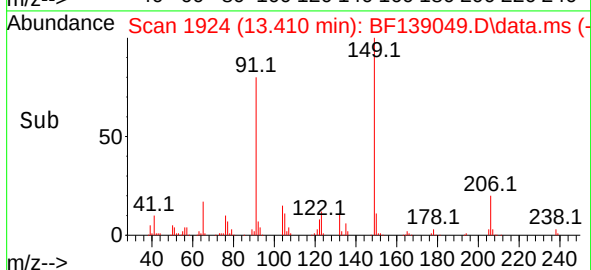
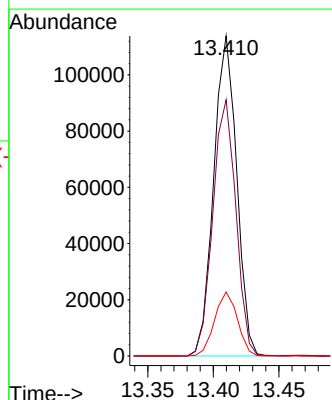
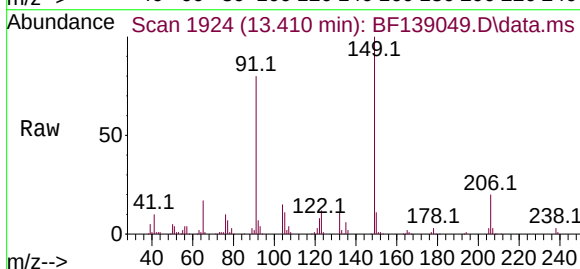
Tgt Ion:149 Resp: 138648

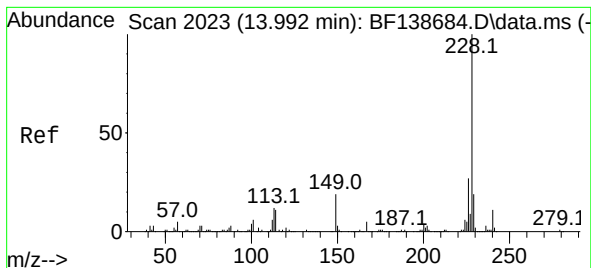
Ion Ratio Lower Upper

149 100

91 80.1 63.7 95.5

206 20.0 16.2 24.2





#81

Benzo(a)anthracene

Concen: 39.071 ng

RT: 13.992 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

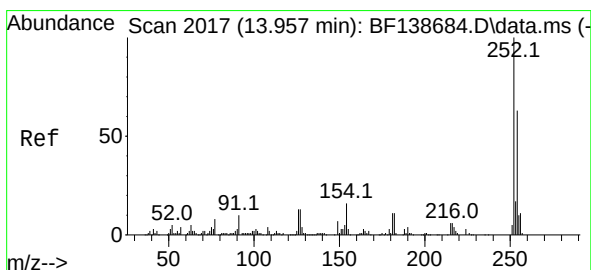
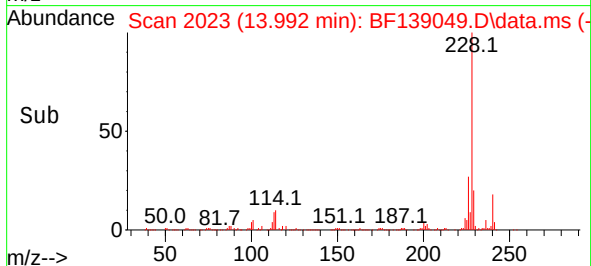
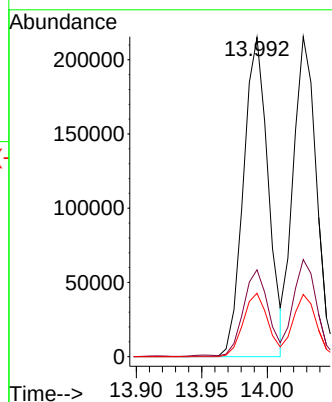
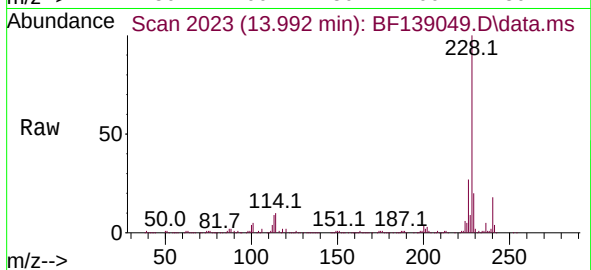
Tgt Ion:228 Resp: 282588

Ion Ratio Lower Upper

228 100

226 27.2 22.1 33.1

229 19.9 15.4 23.0



#82

3,3'-Dichlorobenzidine

Concen: 42.071 ng

RT: 13.951 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

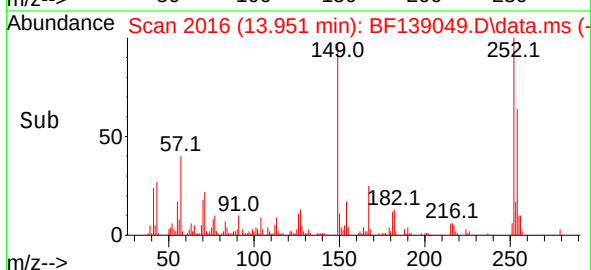
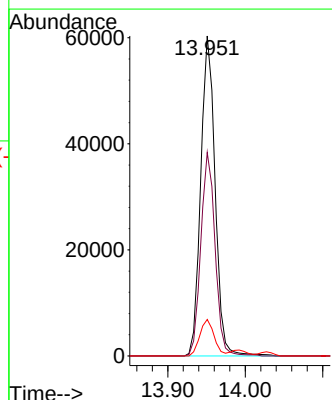
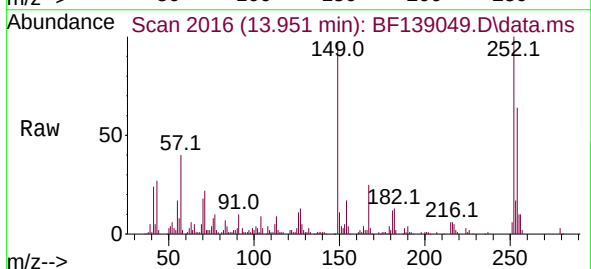
Tgt Ion:252 Resp: 77868

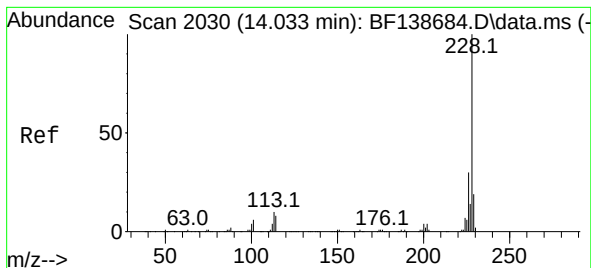
Ion Ratio Lower Upper

252 100

254 63.6 50.8 76.2

126 11.4 10.2 15.2





#83

Chrysene

Concen: 40.614 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

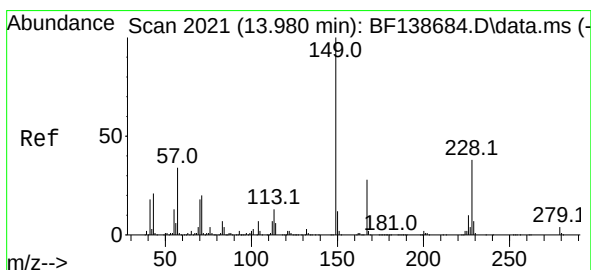
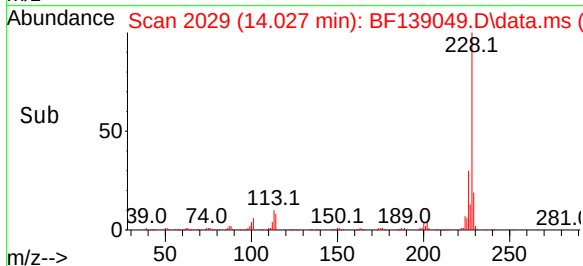
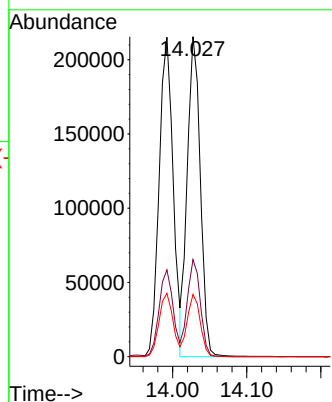
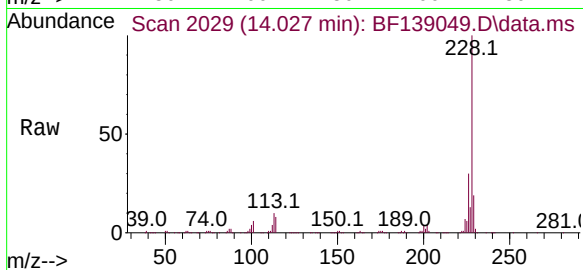
Tgt Ion:228 Resp: 265018

Ion Ratio Lower Upper

228 100

226 30.3 23.7 35.5

229 19.5 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.484 ng

RT: 13.963 min Scan# 2018

Delta R.T. -0.018 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

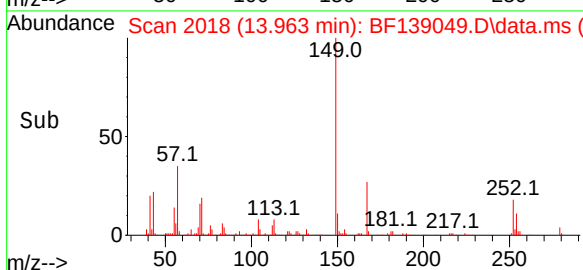
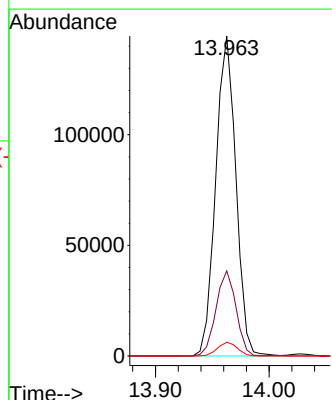
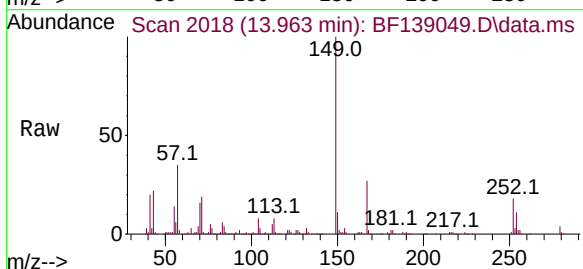
Tgt Ion:149 Resp: 178456

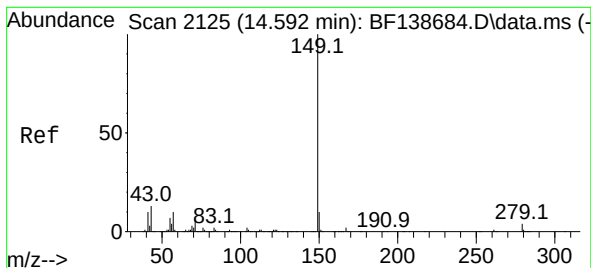
Ion Ratio Lower Upper

149 100

167 26.6 22.2 33.4

279 4.3 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 36.513 ng

RT: 14.574 min Scan# 2125

Delta R.T. -0.018 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

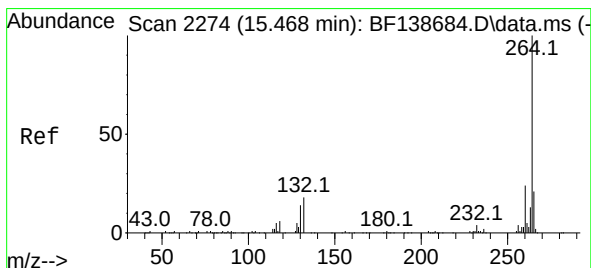
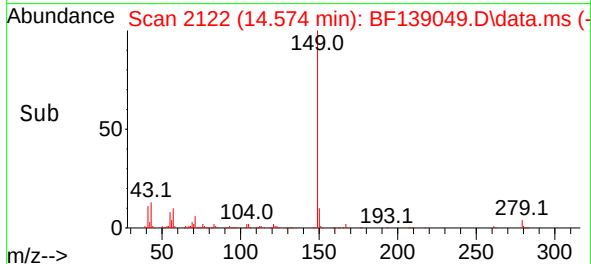
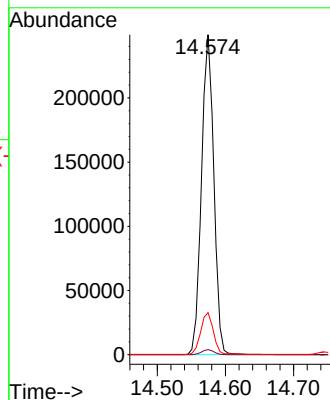
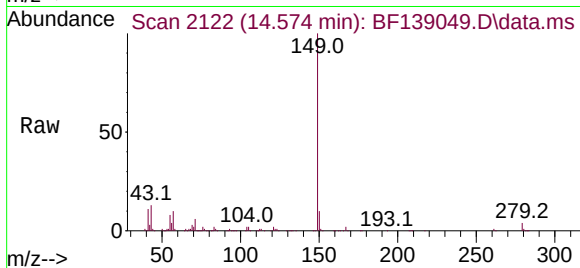
Tgt Ion:149 Resp: 313261

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

43 13.5 10.4 15.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2274

Delta R.T. 0.000 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

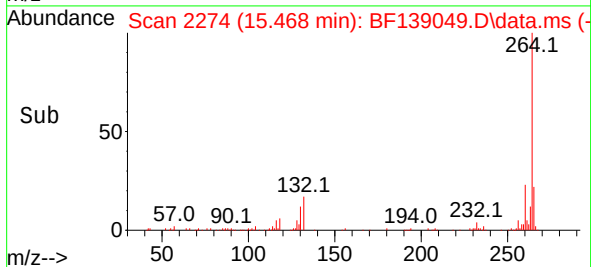
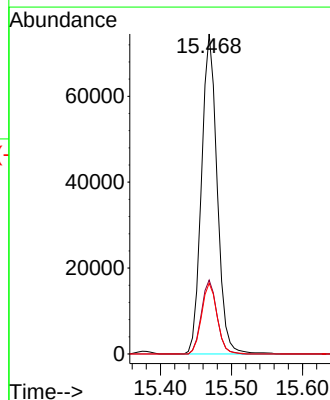
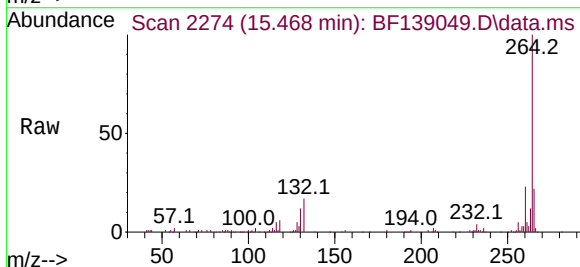
Tgt Ion:264 Resp: 114377

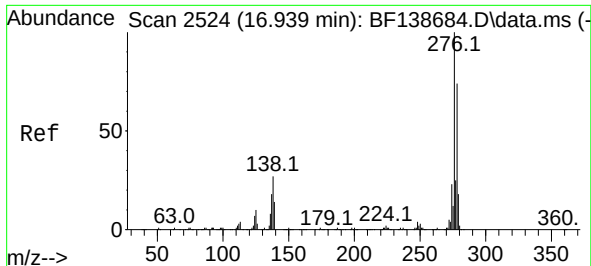
Ion Ratio Lower Upper

264 100

260 23.1 19.0 28.6

265 22.1 17.0 25.6

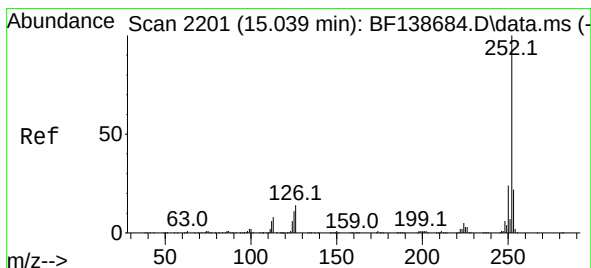
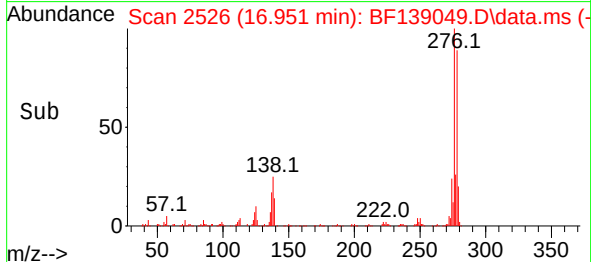
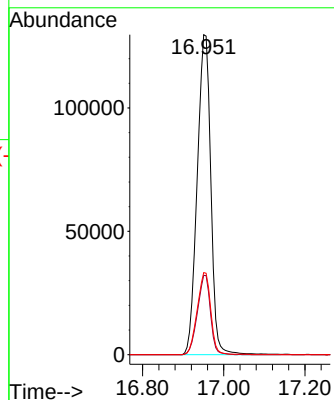
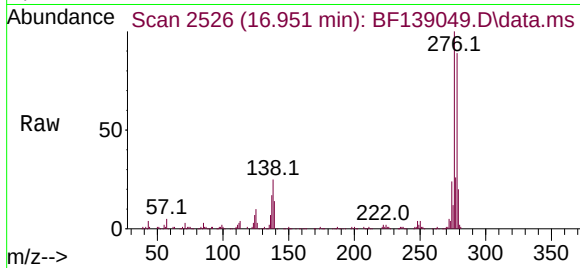




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 36.967 ng  
 RT: 16.951 min Scan# 2526  
 Delta R.T. 0.012 min  
 Lab File: BF139049.D  
 Acq: 16 Aug 2024 10:14

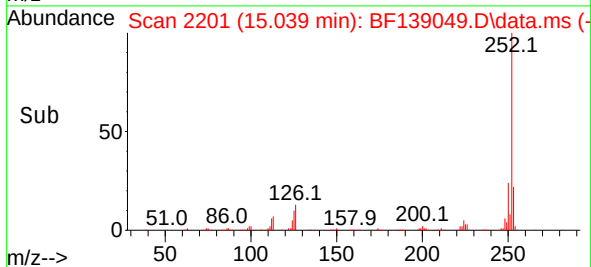
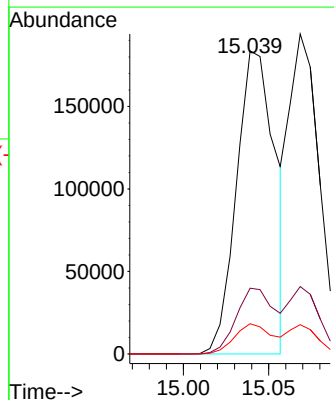
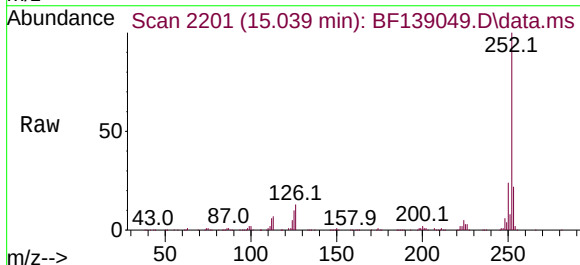
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

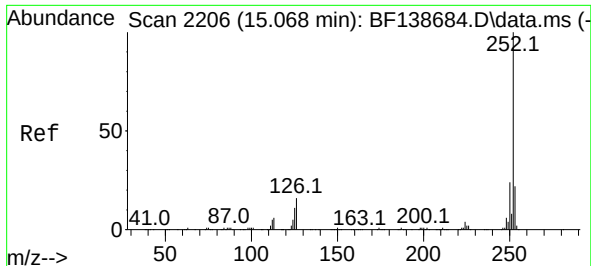
Tgt Ion:276 Resp: 303005  
 Ion Ratio Lower Upper  
 276 100  
 138 23.5 21.8 32.8  
 277 25.3 20.6 30.8



#88  
 Benzo(b)fluoranthene  
 Concen: 40.776 ng  
 RT: 15.039 min Scan# 2201  
 Delta R.T. 0.000 min  
 Lab File: BF139049.D  
 Acq: 16 Aug 2024 10:14

Tgt Ion:252 Resp: 289113  
 Ion Ratio Lower Upper  
 252 100  
 253 21.7 17.5 26.3  
 125 10.0 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 39.065 ng

RT: 15.069 min Scan# 2206

Delta R.T. 0.000 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

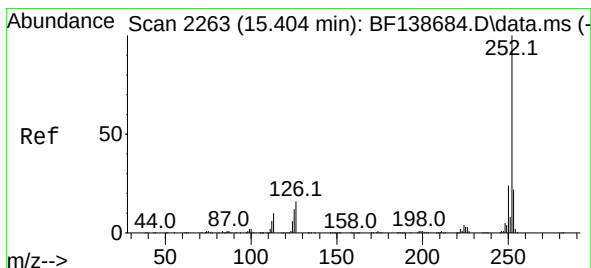
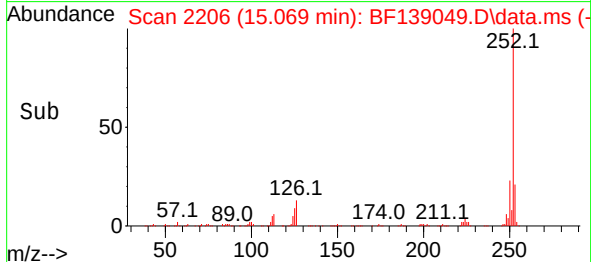
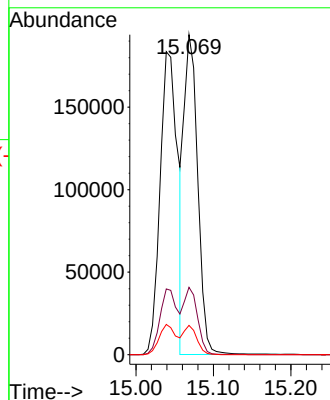
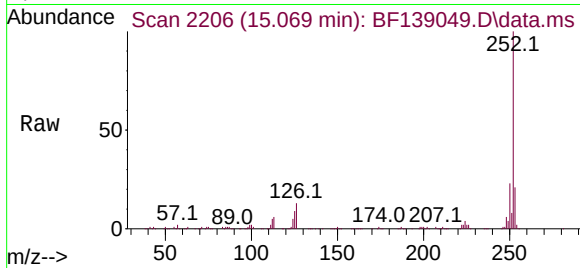
Tgt Ion:252 Resp: 239814

Ion Ratio Lower Upper

252 100

253 21.0 17.4 26.0

125 9.2 8.6 13.0



#90

Benzo(a)pyrene

Concen: 40.324 ng

RT: 15.410 min Scan# 2264

Delta R.T. 0.006 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

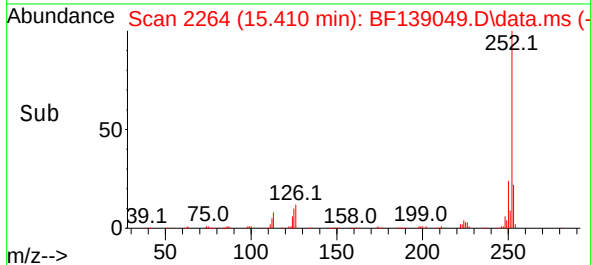
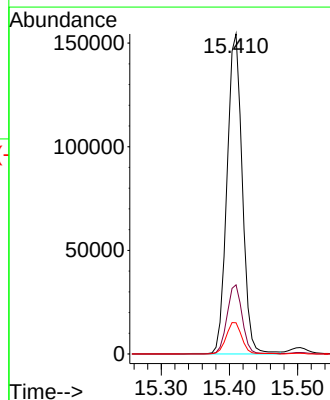
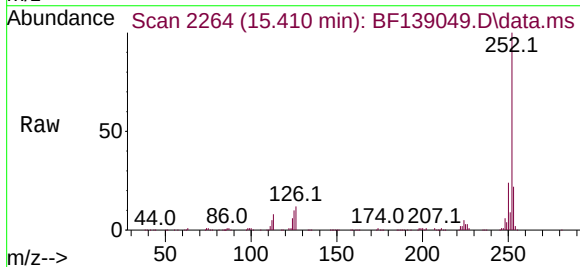
Tgt Ion:252 Resp: 240490

Ion Ratio Lower Upper

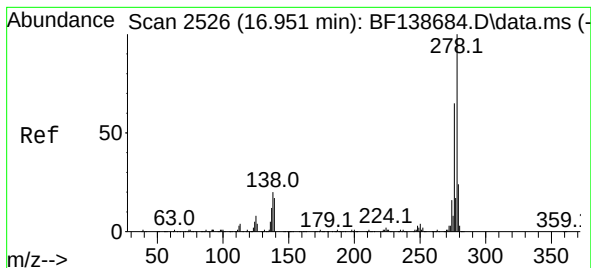
252 100

253 21.6 17.3 25.9

125 9.8 9.5 14.3







#91

Dibenzo(a,h)anthracene

Concen: 37.033 ng

RT: 16.957 min Scan# 2491

Delta R.T. 0.006 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

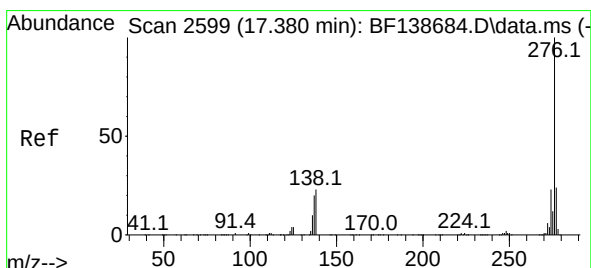
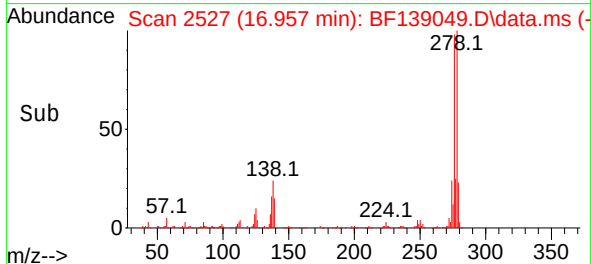
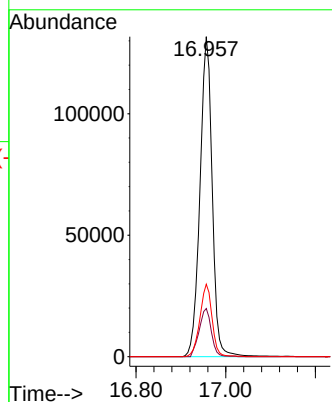
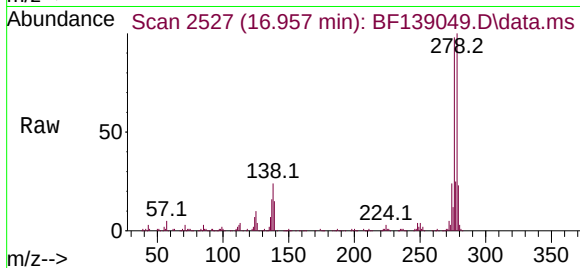
Tgt Ion:278 Resp: 249171

Ion Ratio Lower Upper

278 100

139 15.1 14.0 21.0

279 22.6 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 35.751 ng

RT: 17.398 min Scan# 2602

Delta R.T. 0.018 min

Lab File: BF139049.D

Acq: 16 Aug 2024 10:14

Tgt Ion:276 Resp: 249615

Ion Ratio Lower Upper

276 100

277 23.0 19.0 28.4

138 19.2 18.5 27.7

