

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091824\  
 Data File : BF139416.D  
 Acq On : 18 Sep 2024 09:47  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Sep 18 11:16:46 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091324.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Sep 14 02:58:23 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.881  | 152  | 76865    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.163  | 136  | 276321   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.916  | 164  | 158632   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.398 | 188  | 286086   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.033 | 240  | 148789   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12              | 15.504 | 264  | 133546   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.498  | 112  | 342445   | 72.679 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.510  | 99   | 454476   | 73.486 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.445  | 82   | 452715   | 77.022 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.704 | 330  | 120709   | 71.475 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.239  | 172  | 833254   | 73.671 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.980 | 244  | 767585   | 84.677 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.669  | 88   | 65759    | 34.786 | ng    | 99       |
| 3) Pyridine                   | 3.422  | 79   | 161327   | 38.708 | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.381  | 42   | 125644   | 34.781 | ng    | 92       |
| 6) Aniline                    | 6.545  | 93   | 189214   | 40.541 | ng    | 98       |
| 8) 2-Chlorophenol             | 6.669  | 128  | 181471   | 37.415 | ng    | 99       |
| 9) Benzaldehyde               | 6.434  | 77   | 132812   | 37.170 | ng    | 98       |
| 10) Phenol                    | 6.528  | 94   | 236148   | 37.491 | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 6.616  | 93   | 174276   | 36.403 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.822  | 146  | 206531   | 37.442 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.898  | 146  | 208679   | 37.437 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.051  | 146  | 197389   | 37.476 | ng    | 99       |
| 15) Benzyl Alcohol            | 7.022  | 79   | 186324   | 37.762 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.157  | 45   | 298596   | 40.471 | ng    | 99       |
| 17) 2-Methylphenol            | 7.134  | 107  | 145710   | 37.812 | ng    | 99       |
| 18) Hexachloroethane          | 7.392  | 117  | 80983    | 38.144 | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 7.292  | 70   | 141369   | 38.574 | ng    | 98       |
| 20) 3+4-Methylphenols         | 7.286  | 107  | 194883   | 37.069 | ng    | 93       |
| 22) Acetophenone              | 7.292  | 105  | 273530   | 37.865 | ng    | 97       |
| 24) Nitrobenzene              | 7.463  | 77   | 230621   | 38.123 | ng    | 99       |
| 25) Isophorone                | 7.704  | 82   | 366618   | 39.440 | ng    | 100      |
| 26) 2-Nitrophenol             | 7.781  | 139  | 95152    | 40.373 | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 7.816  | 122  | 122242   | 39.320 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.910  | 93   | 213561   | 40.311 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.022  | 162  | 151584   | 38.381 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.104  | 180  | 175729   | 38.187 | ng    | 98       |
| 31) Naphthalene               | 8.186  | 128  | 554225   | 38.420 | ng    | 100      |
| 32) Benzoic acid              | 7.928  | 122  | 113542   | 39.026 | ng    | 96       |
| 33) 4-Chloroaniline           | 8.233  | 127  | 172860   | 39.169 | ng    | 100      |
| 34) Hexachlorobutadiene       | 8.298  | 225  | 120196   | 38.445 | ng    | 100      |
| 35) Caprolactam               | 8.610  | 113  | 45533    | 37.479 | ng    | 100      |
| 36) 4-Chloro-3-methylphenol   | 8.710  | 107  | 173842   | 38.515 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.875  | 142  | 355560   | 38.832 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.975  | 142  | 345655   | 38.451 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.039  | 216  | 175318   | 37.291 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.022  | 237  | 64945    | 39.564 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.151  | 196  | 113032   | 36.954 | ng    | 98       |

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 ALS Vial : 2 Sample Multiplier: 1

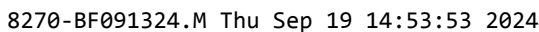
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

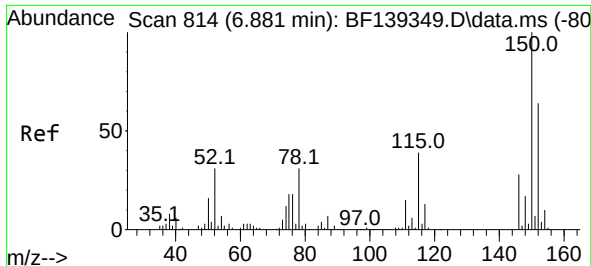
Quant Time: Sep 18 11:16:46 2024  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Sep 14 02:58:23 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.192  | 196  | 123967   | 38.423 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.339  | 154  | 456865   | 37.436 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.363  | 162  | 343382   | 37.631 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.457  | 65   | 124709   | 36.744 | ng    | 98       |
| 49) Acenaphthylene            | 9.780  | 152  | 508622   | 37.029 | ng    | 100      |
| 50) Dimethylphthalate         | 9.639  | 163  | 386384   | 37.111 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.698  | 165  | 88816    | 38.507 | ng    | 99       |
| 52) Acenaphthene              | 9.951  | 154  | 359173   | 37.466 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.869  | 138  | 88787    | 38.518 | ng    | 94       |
| 54) 2,4-Dinitrophenol         | 9.975  | 184  | 47180    | 36.709 | ng    | 92       |
| 55) Dibenzofuran              | 10.122 | 168  | 487828   | 36.509 | ng    | 98       |
| 56) 4-Nitrophenol             | 10.022 | 139  | 67497    | 35.388 | ng    | 91       |
| 57) 2,4-Dinitrotoluene        | 10.104 | 165  | 118142   | 37.939 | ng    | 99       |
| 58) Fluorene                  | 10.463 | 166  | 399581   | 36.652 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.239 | 232  | 100522   | 37.663 | ng    | 98       |
| 60) Diethylphthalate          | 10.333 | 149  | 406212   | 37.807 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.457 | 204  | 197015   | 37.185 | ng    | 97       |
| 62) 4-Nitroaniline            | 10.480 | 138  | 90068    | 35.802 | ng    | 95       |
| 63) Azobenzene                | 10.616 | 77   | 397721   | 37.635 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 10.510 | 198  | 62149    | 41.160 | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 10.574 | 169  | 325828   | 38.955 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.945 | 248  | 113737   | 40.118 | ng    | 100      |
| 68) Hexachlorobenzene         | 11.010 | 284  | 128105   | 38.501 | ng    | 98       |
| 69) Atrazine                  | 11.098 | 200  | 74071    | 37.198 | ng    | 99       |
| 70) Pentachlorophenol         | 11.204 | 266  | 77816    | 38.976 | ng    | 99       |
| 71) Phenanthrene              | 11.427 | 178  | 526409   | 38.139 | ng    | 99       |
| 72) Anthracene                | 11.474 | 178  | 515282   | 38.183 | ng    | 99       |
| 73) Carbazole                 | 11.633 | 167  | 484796   | 37.535 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.957 | 149  | 597583   | 41.533 | ng    | 100      |
| 75) Fluoranthene              | 12.610 | 202  | 547372   | 37.135 | ng    | 99       |
| 77) Benzidine                 | 12.733 | 184  | 100165   | 46.988 | ng    | 99       |
| 78) Pyrene                    | 12.839 | 202  | 542548   | 42.468 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.457 | 149  | 192424   | 44.250 | ng    | 97       |
| 81) Benzo(a)anthracene        | 14.021 | 228  | 383570   | 38.918 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 13.986 | 252  | 109681   | 38.001 | ng    | 100      |
| 83) Chrysene                  | 14.063 | 228  | 334929   | 36.938 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.010 | 149  | 244923   | 44.275 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 14.621 | 149  | 359409   | 44.116 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.980 | 276  | 316509   | 39.857 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.074 | 252  | 306185   | 37.175 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.104 | 252  | 298114   | 39.256 | ng    | 100      |
| 90) Benzo(a)pyrene            | 15.439 | 252  | 263601   | 38.590 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 16.998 | 278  | 261521   | 39.855 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.427 | 276  | 264049   | 40.641 | ng    | 99       |

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

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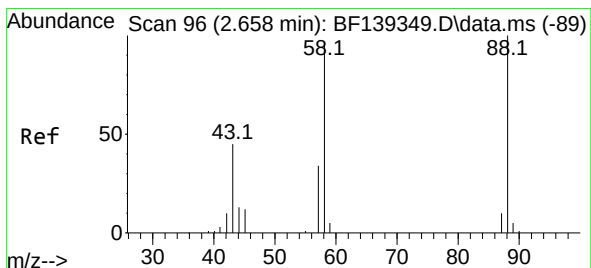
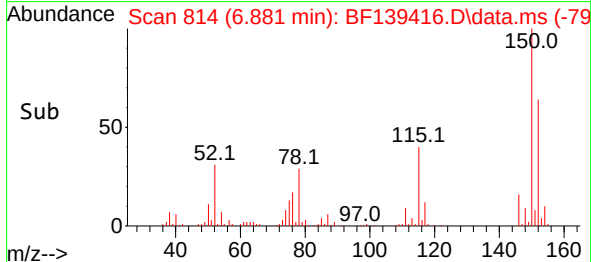
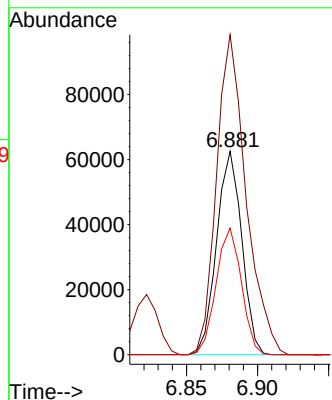
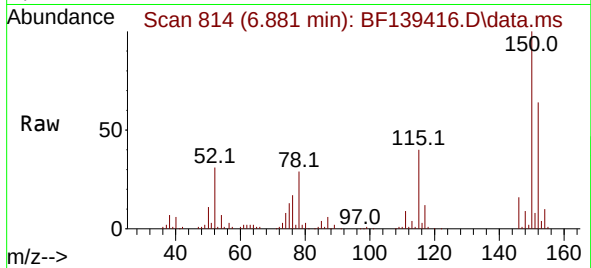




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.881 min Scan# 814  
 Delta R.T. -0.000 min  
 Lab File: BF139416.D  
 Acq: 18 Sep 2024 09:47

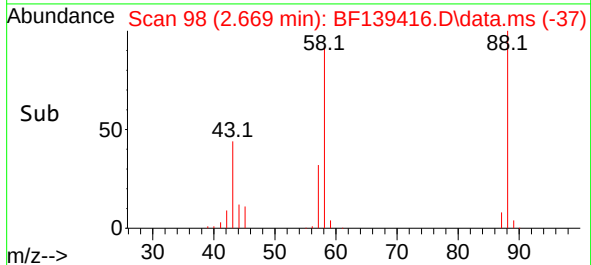
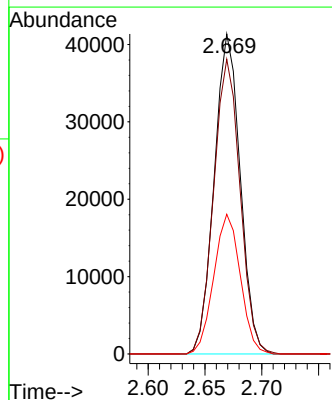
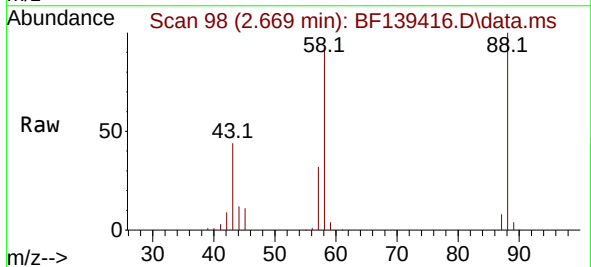
Instrument :  
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 SSTDCCC040

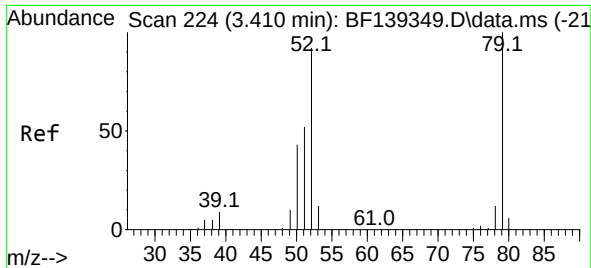
Tgt Ion:152 Resp: 76865  
 Ion Ratio Lower Upper  
 152 100  
 150 157.4 124.1 186.1  
 115 62.2 48.1 72.1



#2  
 1,4-Dioxane  
 Concen: 34.786 ng  
 RT: 2.669 min Scan# 98  
 Delta R.T. 0.012 min  
 Lab File: BF139416.D  
 Acq: 18 Sep 2024 09:47

Tgt Ion: 88 Resp: 65759  
 Ion Ratio Lower Upper  
 88 100  
 58 93.7 74.8 112.2  
 43 44.7 36.4 54.6





#3

Pyridine

Concen: 38.708 ng

RT: 3.422 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF139416.D

Acq: 18 Sep 2024 09:47

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

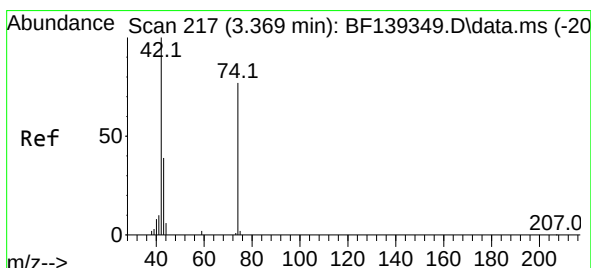
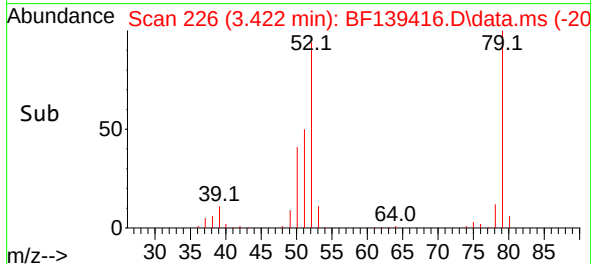
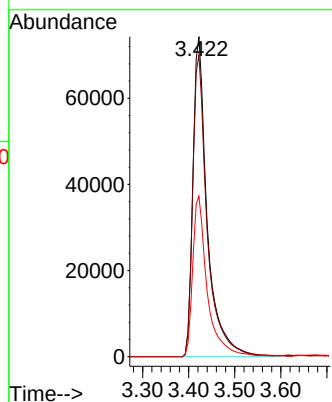
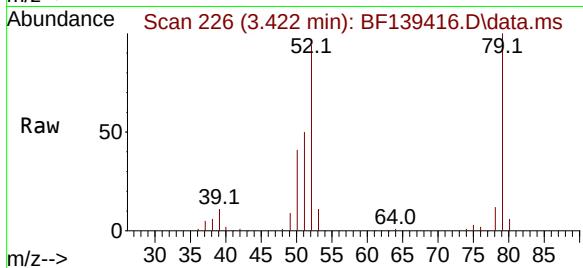
Tgt Ion: 79 Resp: 161327

Ion Ratio Lower Upper

79 100

52 94.3 73.8 110.8

51 50.1 41.8 62.6



#4

n-Nitrosodimethylamine

Concen: 34.781 ng

RT: 3.381 min Scan# 219

Delta R.T. 0.012 min

Lab File: BF139416.D

Acq: 18 Sep 2024 09:47

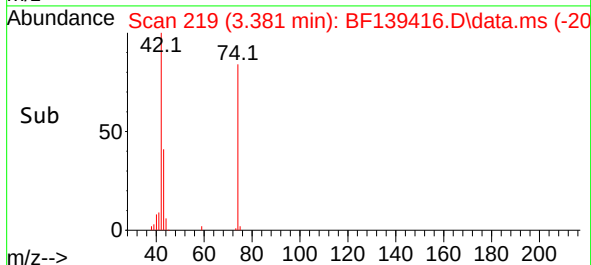
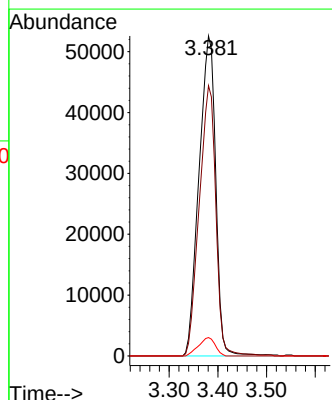
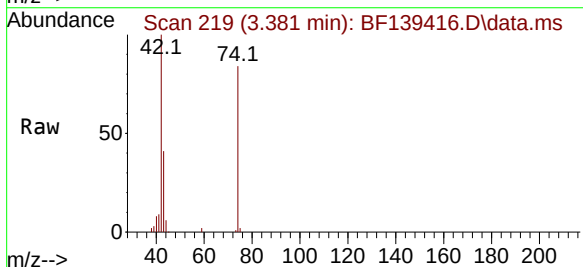
Tgt Ion: 42 Resp: 125644

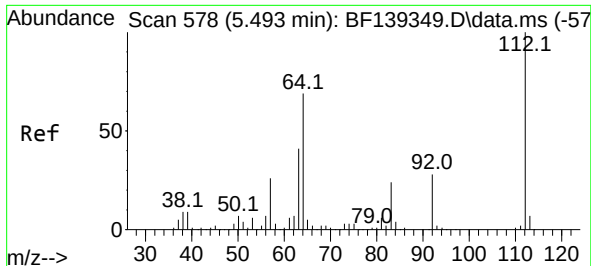
Ion Ratio Lower Upper

42 100

74 84.4 61.8 92.8

44 5.7 4.8 7.2

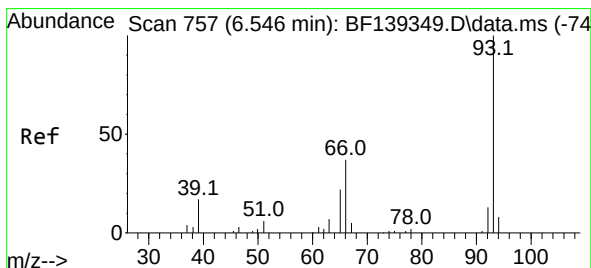
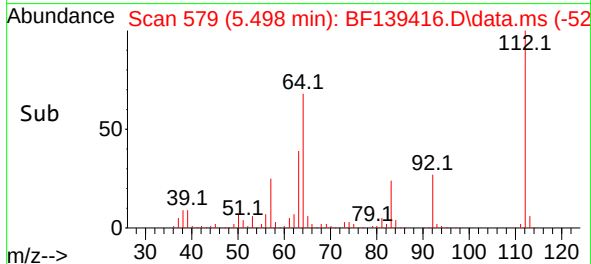
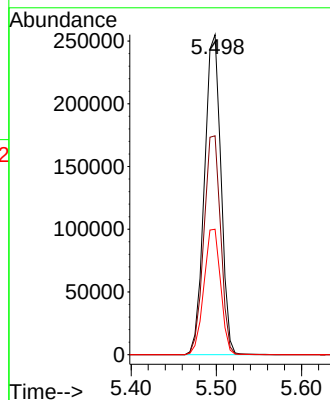
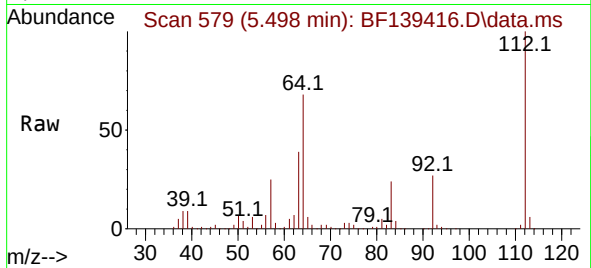




#5  
2-Fluorophenol  
Concen: 72.679 ng  
RT: 5.498 min Scan# 51  
Delta R.T. 0.005 min  
Lab File: BF139416.D  
Acq: 18 Sep 2024 09:47

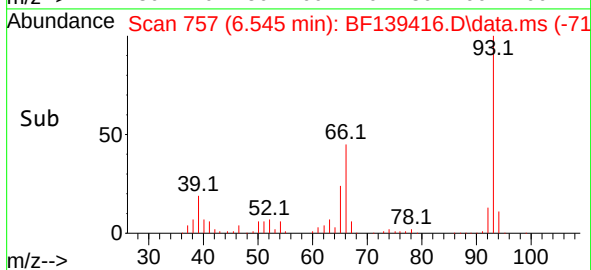
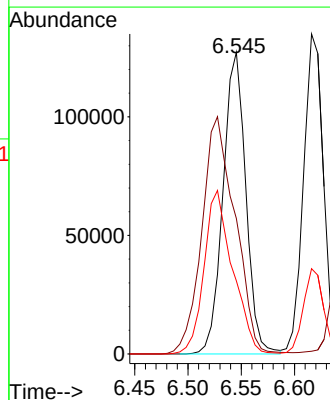
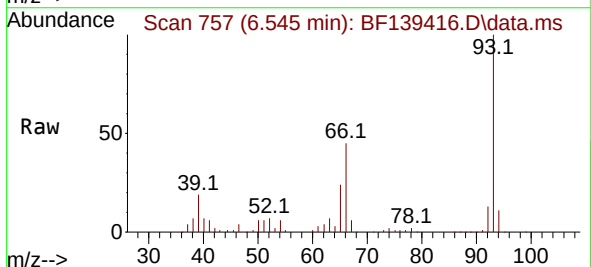
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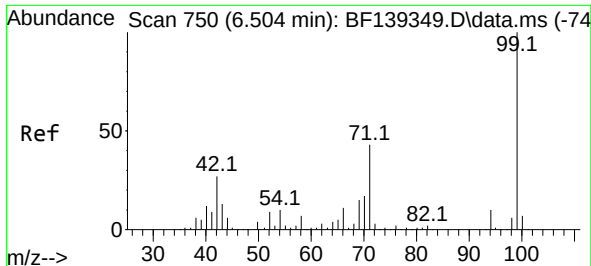
Tgt Ion:112 Resp: 342445  
Ion Ratio Lower Upper  
112 100  
64 68.4 54.8 82.2  
63 39.2 33.0 49.4



#6  
Aniline  
Concen: 40.541 ng  
RT: 6.545 min Scan# 757  
Delta R.T. -0.024 min  
Lab File: BF139416.D  
Acq: 18 Sep 2024 09:47

Tgt Ion: 93 Resp: 189214  
Ion Ratio Lower Upper  
93 100  
66 44.9 35.4 53.0  
65 24.2 18.2 27.4

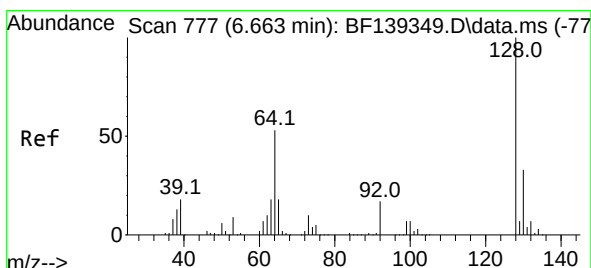
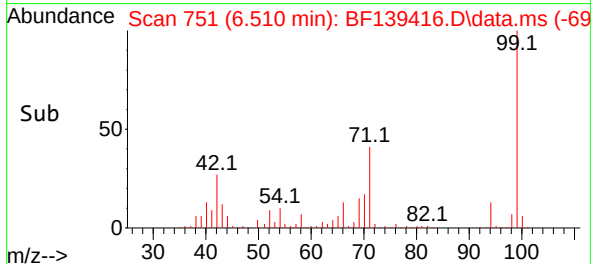
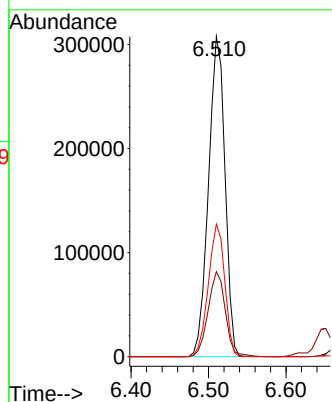
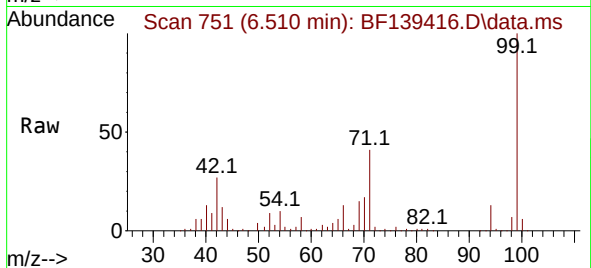




#7  
Phenol-d6  
Concen: 73.486 ng  
RT: 6.510 min Scan# 710  
Delta R.T. 0.006 min  
Lab File: BF139416.D  
Acq: 18 Sep 2024 09:47

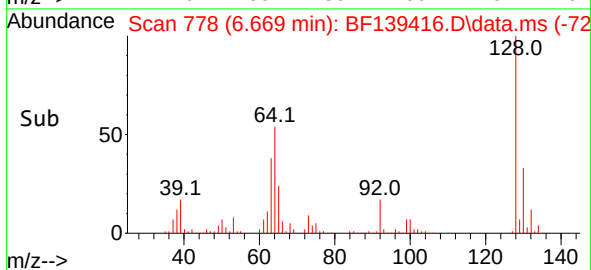
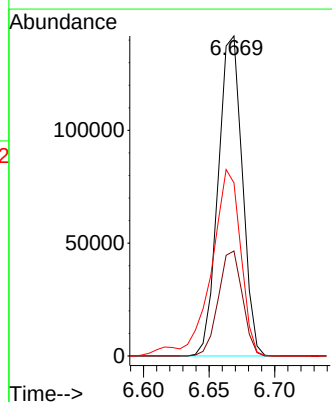
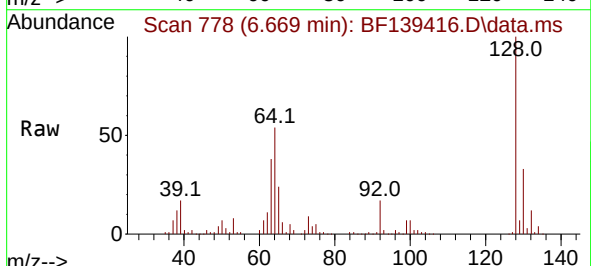
Instrument :  
BNA\_F  
ClientSampleId :  
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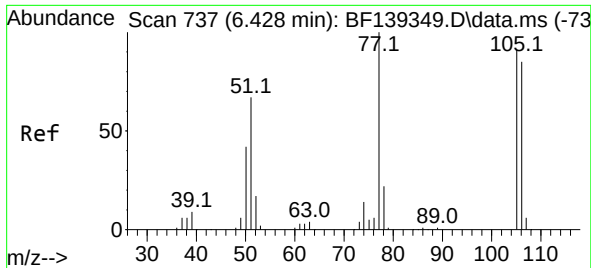
Tgt Ion: 99 Resp: 454476  
Ion Ratio Lower Upper  
99 100  
42 26.5 21.9 32.9  
71 41.4 34.6 52.0



#8  
2-Chlorophenol  
Concen: 37.415 ng  
RT: 6.669 min Scan# 778  
Delta R.T. 0.006 min  
Lab File: BF139416.D  
Acq: 18 Sep 2024 09:47

Tgt Ion:128 Resp: 181471  
Ion Ratio Lower Upper  
128 100  
130 32.8 12.8 52.8  
64 54.1 35.1 75.1





#9

Benzaldehyde

Concen: 37.170 ng

RT: 6.434 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF139416.D

Acq: 18 Sep 2024 09:47

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

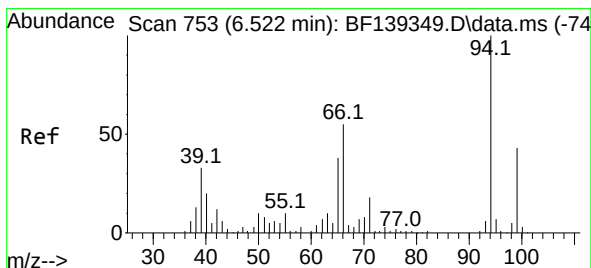
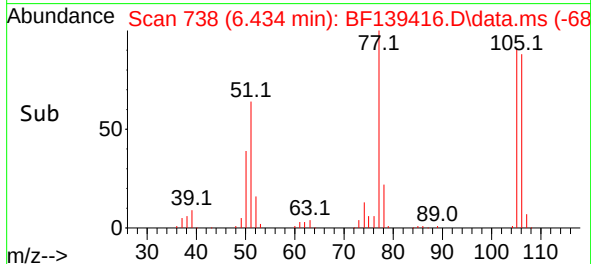
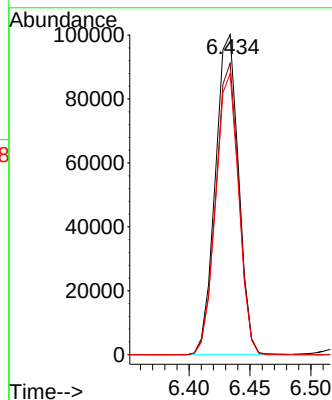
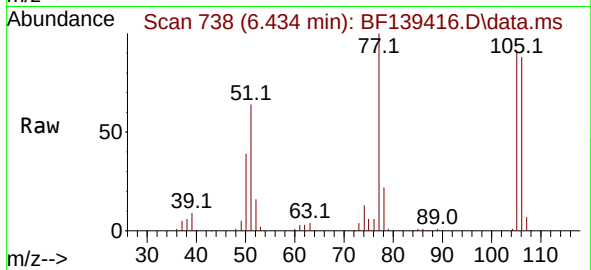
Tgt Ion: 77 Resp: 132812

Ion Ratio Lower Upper

77 100

105 91.1 71.0 111.0

106 87.8 64.9 104.9



#10

Phenol

Concen: 37.491 ng

RT: 6.528 min Scan# 754

Delta R.T. 0.006 min

Lab File: BF139416.D

Acq: 18 Sep 2024 09:47

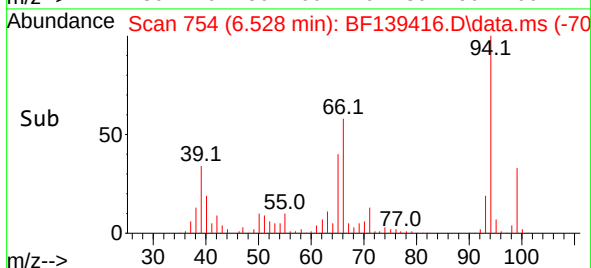
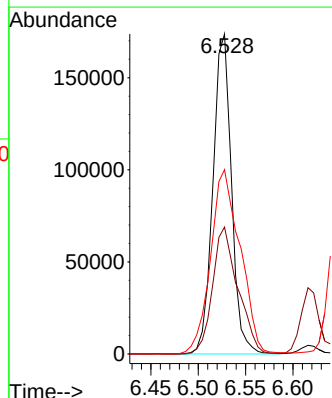
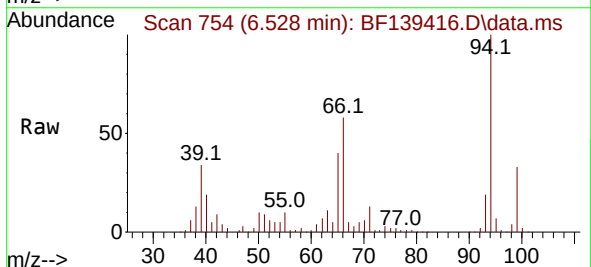
Tgt Ion: 94 Resp: 236148

Ion Ratio Lower Upper

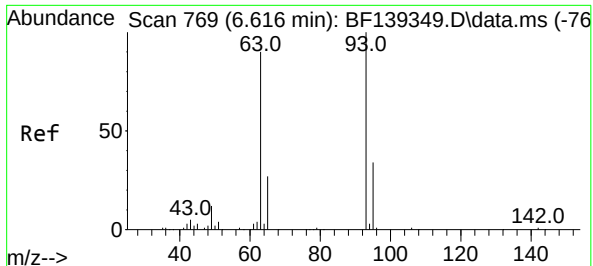
94 100

65 39.7 17.6 57.6

66 57.6 35.2 75.2







#11

bis(2-Chloroethyl)ether

Concen: 36.403 ng

RT: 6.616 min Scan# 769

Delta R.T. -0.000 min

Lab File: BF139416.D

Acq: 18 Sep 2024 09:47

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

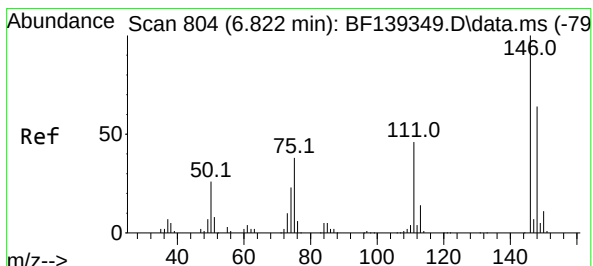
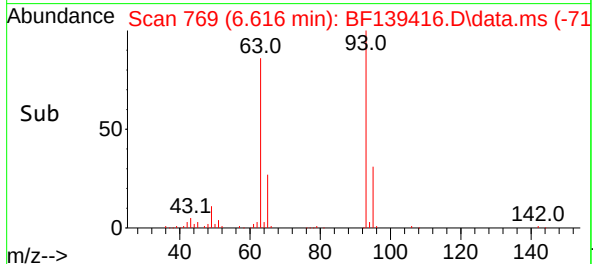
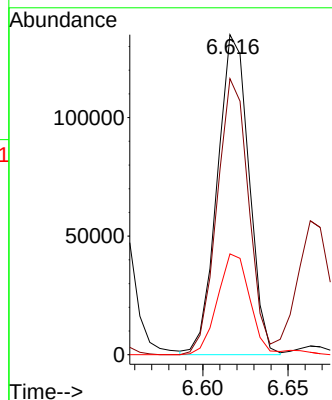
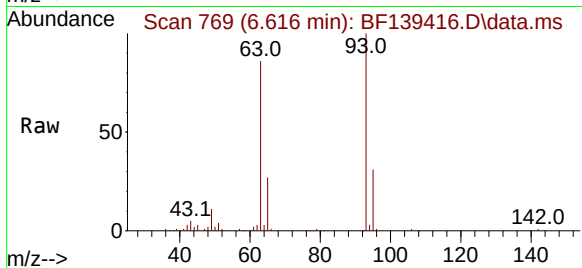
Tgt Ion: 93 Resp: 174276

Ion Ratio Lower Upper

93 100

63 86.2 65.3 105.3

95 31.5 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 37.442 ng

RT: 6.822 min Scan# 804

Delta R.T. -0.000 min

Lab File: BF139416.D

Acq: 18 Sep 2024 09:47

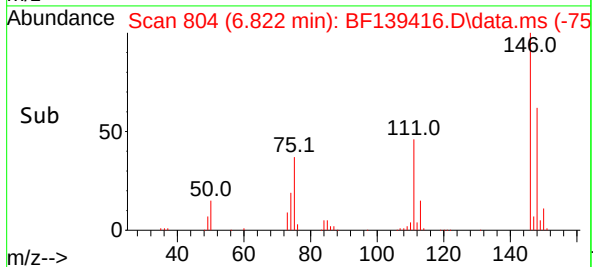
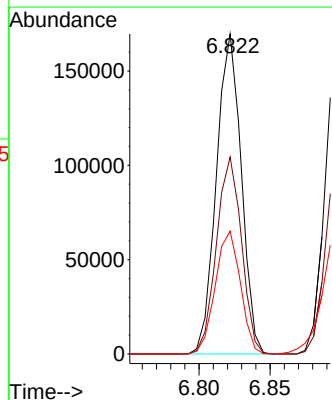
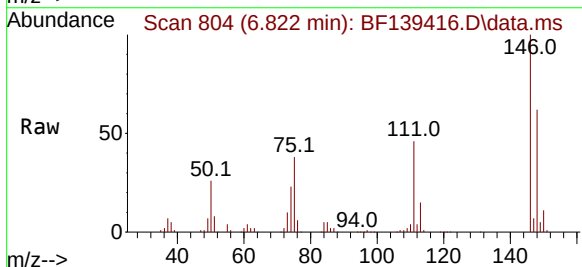
Tgt Ion:146 Resp: 206531

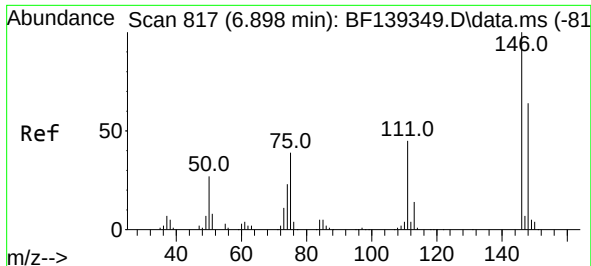
Ion Ratio Lower Upper

146 100

148 61.6 51.2 76.8

75 38.4 30.6 46.0

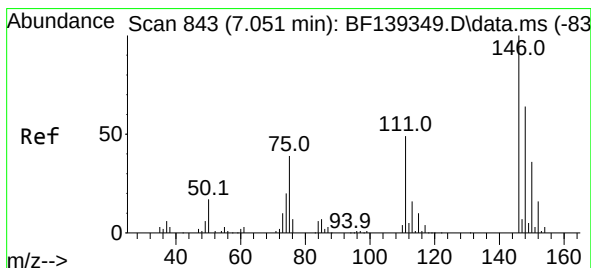
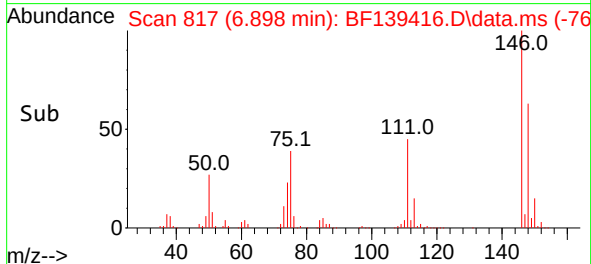
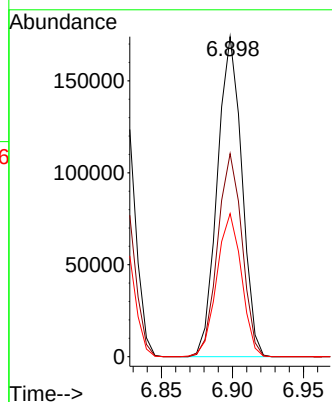
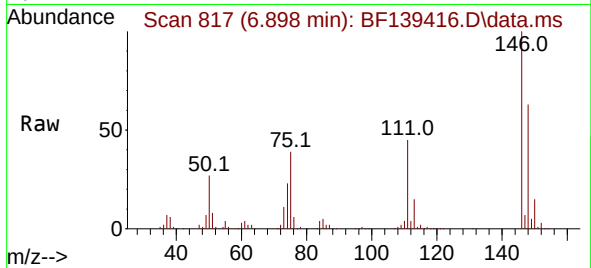




#13  
1,4-Dichlorobenzene  
Concen: 37.437 ng  
RT: 6.898 min Scan# 817  
Delta R.T. -0.000 min  
Lab File: BF139416.D  
Acq: 18 Sep 2024 09:47

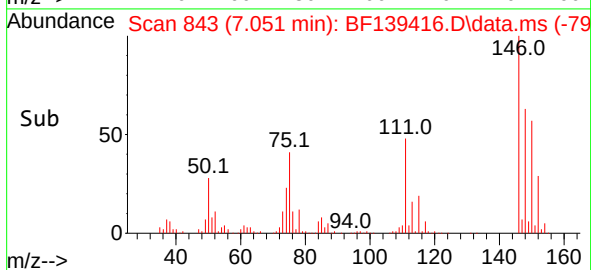
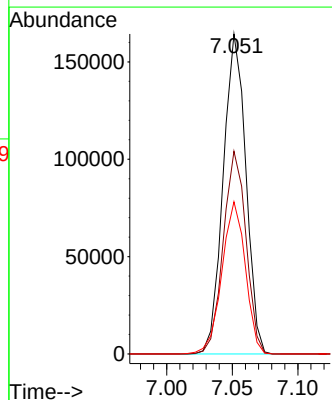
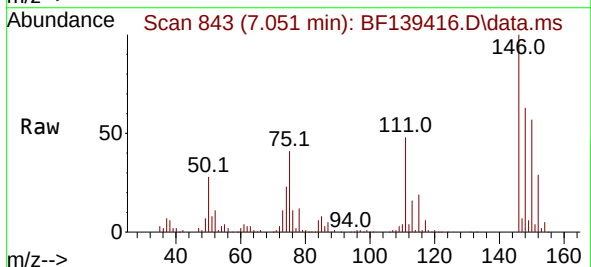
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

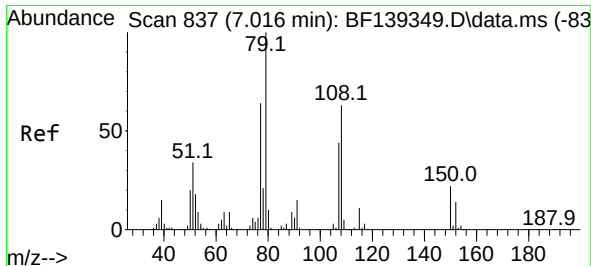
Tgt Ion:146 Resp: 208679  
Ion Ratio Lower Upper  
146 100  
148 63.4 50.9 76.3  
111 44.7 36.3 54.5



#14  
1,2-Dichlorobenzene  
Concen: 37.476 ng  
RT: 7.051 min Scan# 843  
Delta R.T. -0.000 min  
Lab File: BF139416.D  
Acq: 18 Sep 2024 09:47

Tgt Ion:146 Resp: 197389  
Ion Ratio Lower Upper  
146 100  
148 63.4 50.9 76.3  
111 47.5 38.9 58.3

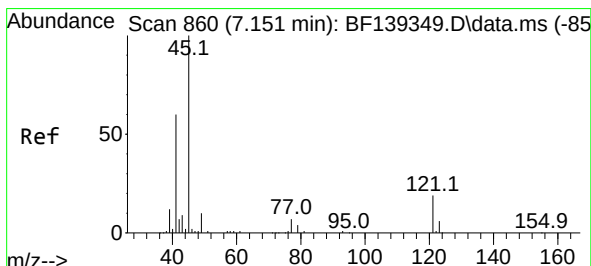
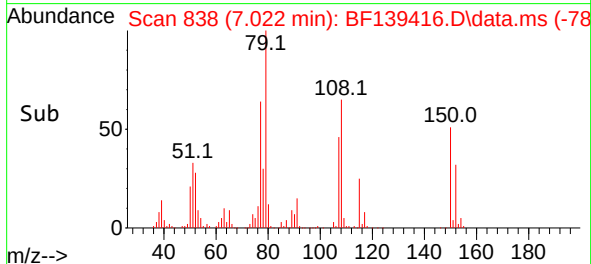
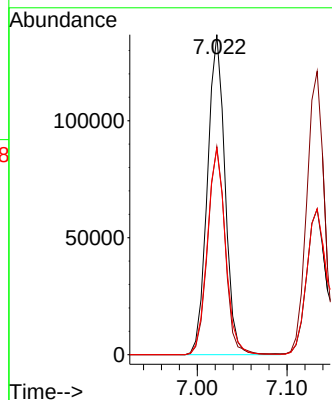
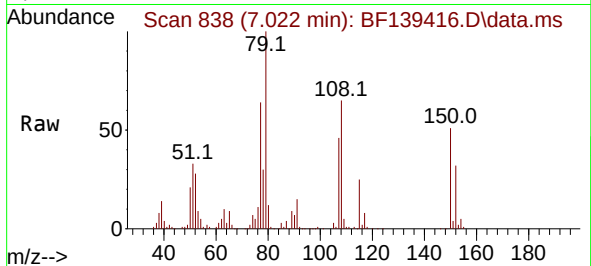




#15  
Benzyl Alcohol  
Concen: 37.762 ng  
RT: 7.022 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: BF139416.D  
Acq: 18 Sep 2024 09:47

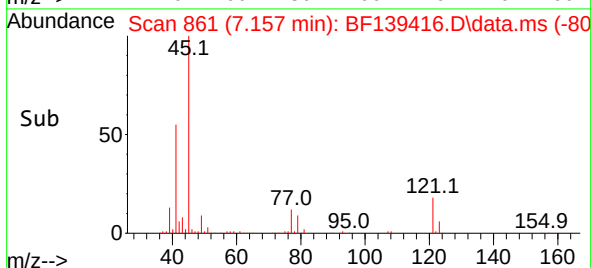
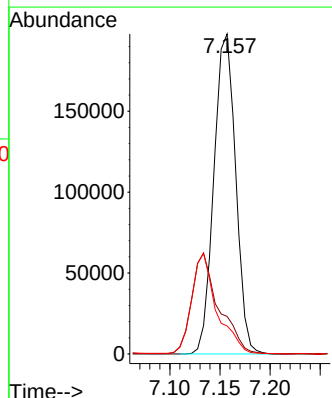
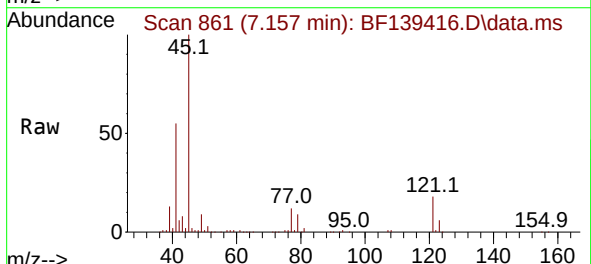
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

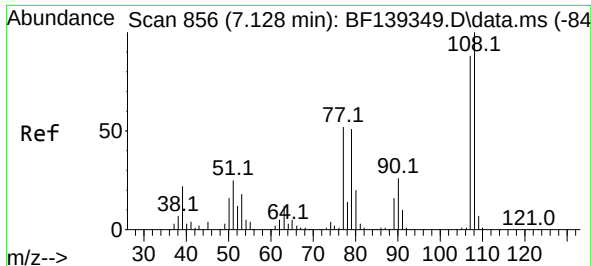
Tgt Ion: 79 Resp: 186324  
Ion Ratio Lower Upper  
79 100  
108 64.9 50.4 75.6  
77 64.4 51.4 77.2



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 40.471 ng  
RT: 7.157 min Scan# 861  
Delta R.T. 0.006 min  
Lab File: BF139416.D  
Acq: 18 Sep 2024 09:47

Tgt Ion: 45 Resp: 298596  
Ion Ratio Lower Upper  
45 100  
77 11.7 0.0 32.0  
79 8.8 0.0 29.1

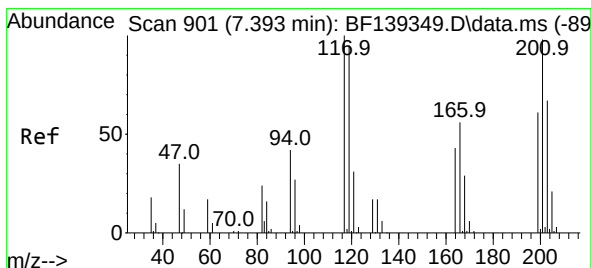
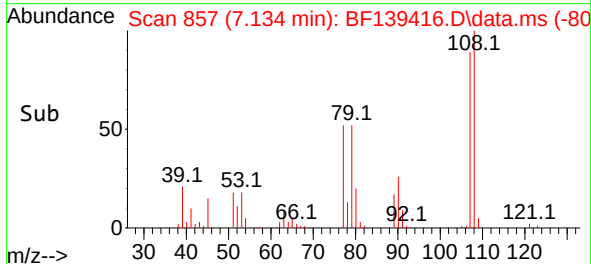
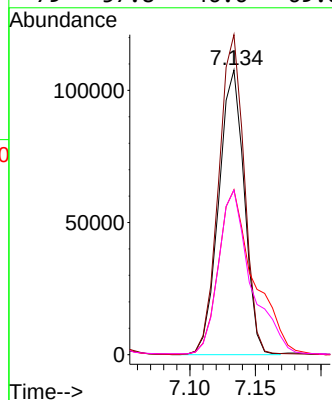
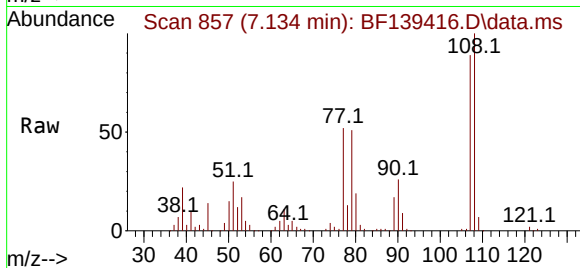




#17  
2-Methylphenol  
Concen: 37.812 ng  
RT: 7.134 min Scan# 856  
Delta R.T. 0.006 min  
Lab File: BF139416.D  
Acq: 18 Sep 2024 09:47

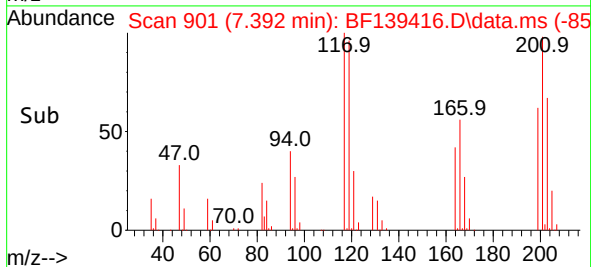
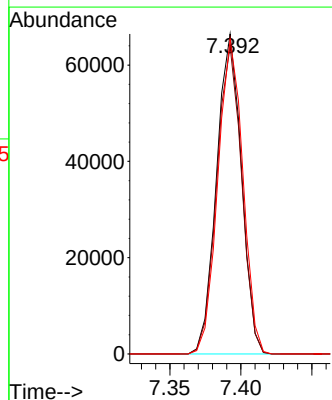
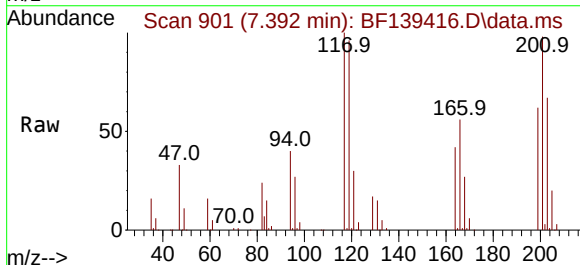
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

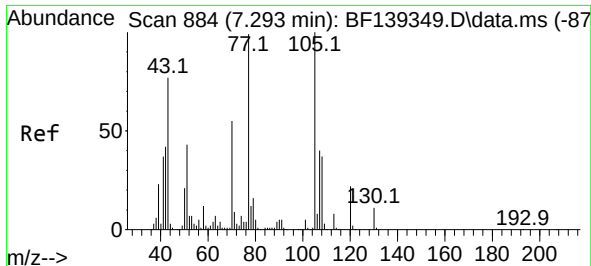
Tgt Ion:107 Resp: 145710  
Ion Ratio Lower Upper  
107 100  
108 112.4 90.5 135.7  
77 57.9 47.1 70.7  
79 57.8 46.6 69.8



#18  
Hexachloroethane  
Concen: 38.144 ng  
RT: 7.392 min Scan# 901  
Delta R.T. -0.000 min  
Lab File: BF139416.D  
Acq: 18 Sep 2024 09:47

Tgt Ion:117 Resp: 80983  
Ion Ratio Lower Upper  
117 100  
119 96.1 75.8 113.8  
201 98.4 78.6 118.0

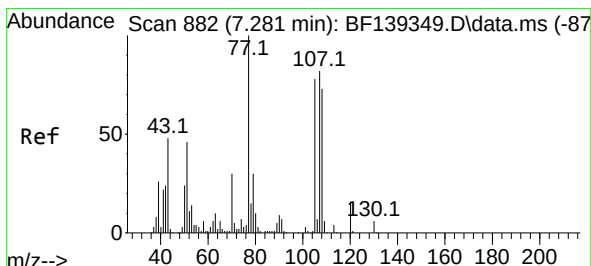
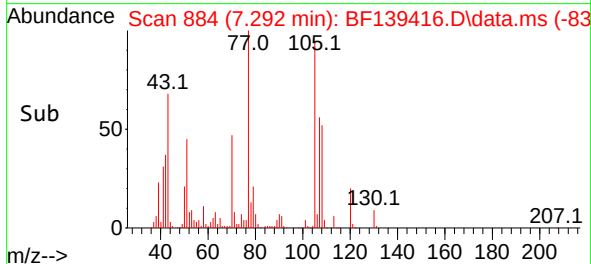
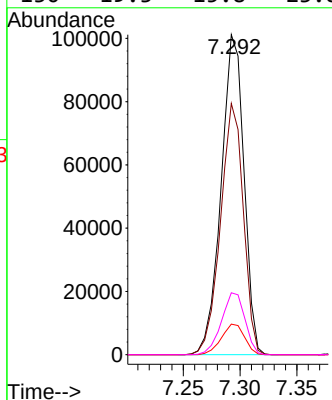
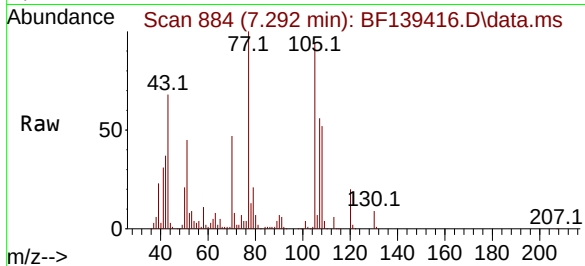




#19  
n-Nitroso-di-n-propylamine  
Concen: 38.574 ng  
RT: 7.292 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BF139416.D  
Acq: 18 Sep 2024 09:47

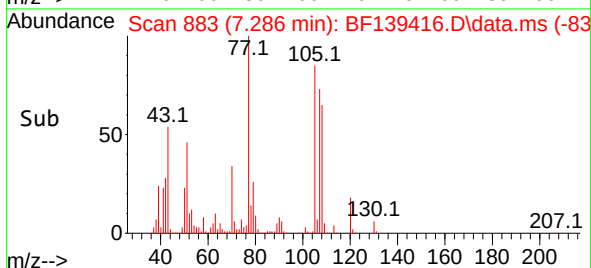
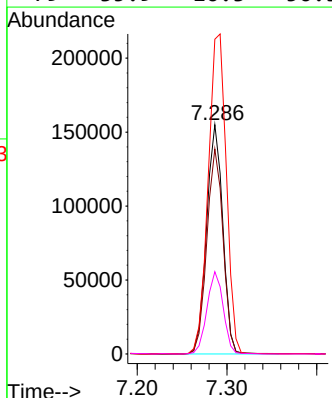
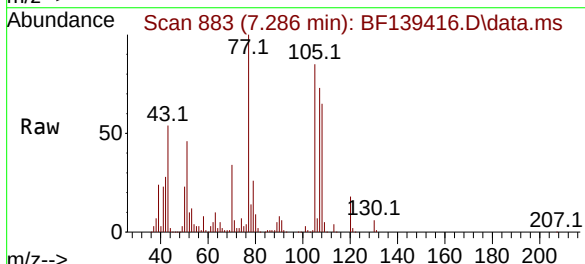
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

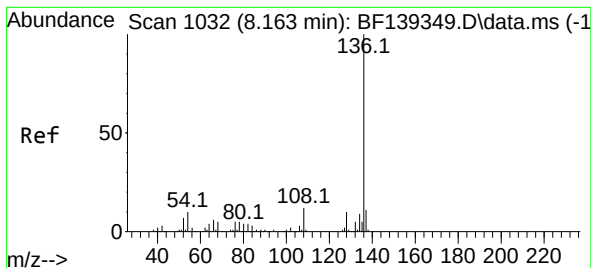
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 141369 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 78.5  | 61.2  | 91.8   |
| 101      | 9.5   | 7.5   | 11.3   |
| 130      | 19.3  | 15.8  | 23.8   |



#20  
3+4-Methylphenols  
Concen: 37.069 ng  
RT: 7.286 min Scan# 883  
Delta R.T. 0.006 min  
Lab File: BF139416.D  
Acq: 18 Sep 2024 09:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 194883 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 89.4  | 68.6  | 108.6  |
| 77       | 137.3 | 101.6 | 141.6  |
| 79       | 35.9  | 16.3  | 56.3   |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139416.D

Acq: 18 Sep 2024 09:47

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 276321

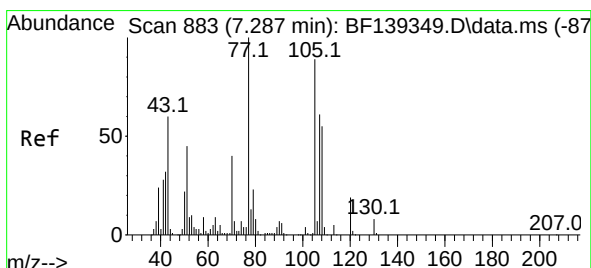
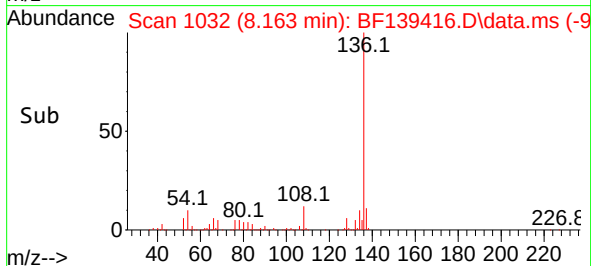
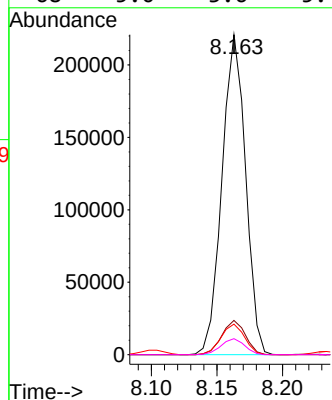
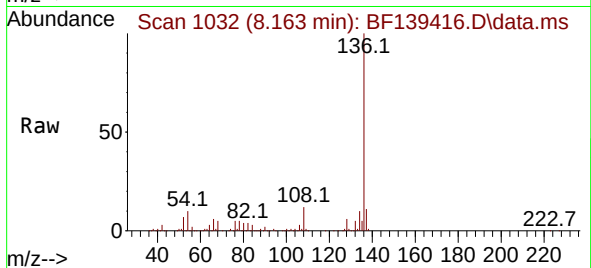
Ion Ratio Lower Upper

136 100

137 10.7 8.6 12.8

54 9.5 7.8 11.8

68 5.0 3.6 5.4



#22

Acetophenone

Concen: 37.865 ng

RT: 7.292 min Scan# 884

Delta R.T. 0.006 min

Lab File: BF139416.D

Acq: 18 Sep 2024 09:47

Tgt Ion:105 Resp: 273530

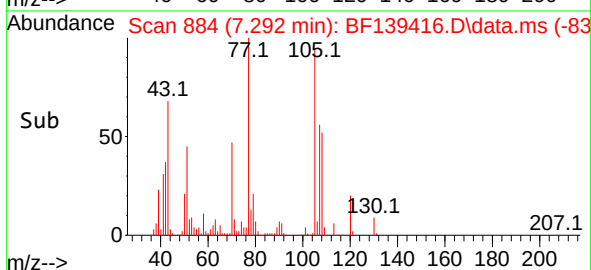
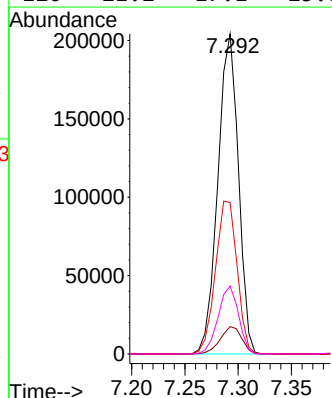
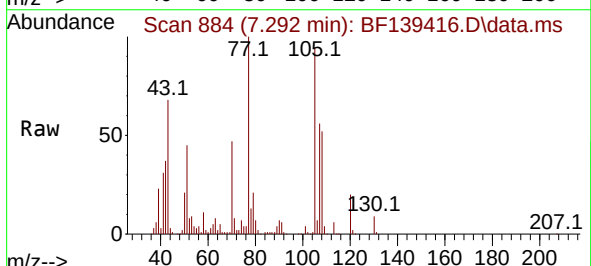
Ion Ratio Lower Upper

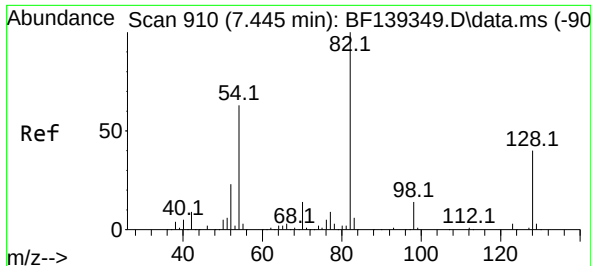
105 100

71 8.6 5.9 8.9

51 47.3 40.0 60.0

120 21.2 17.1 25.7





#23

Nitrobenzene-d5

Concen: 77.022 ng

RT: 7.445 min Scan# 910

Delta R.T. -0.000 min

Lab File: BF139416.D

Acq: 18 Sep 2024 09:47

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

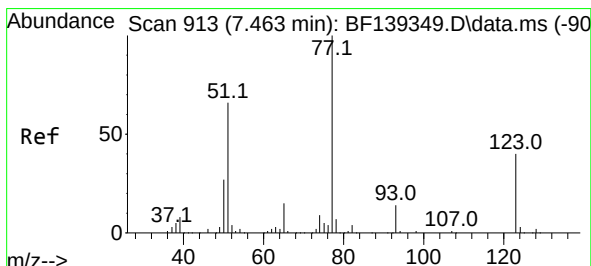
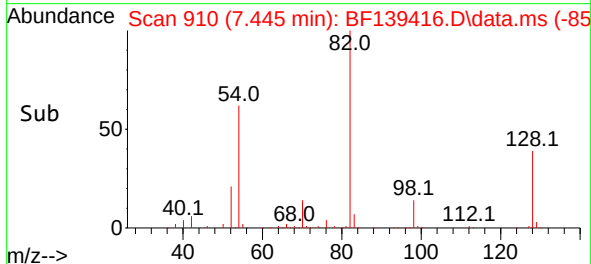
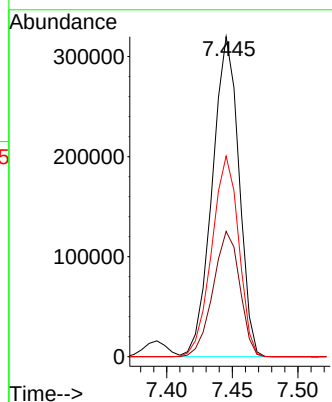
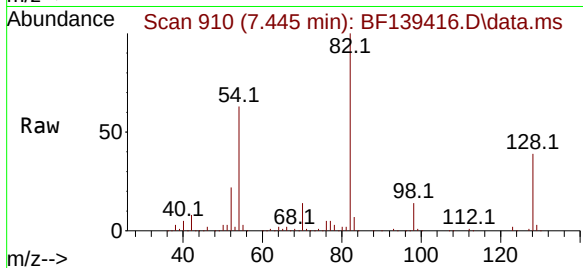
Tgt Ion: 82 Resp: 452715

Ion Ratio Lower Upper

82 100

128 39.1 31.8 47.6

54 62.7 50.6 75.8



#24

Nitrobenzene

Concen: 38.123 ng

RT: 7.463 min Scan# 913

Delta R.T. -0.000 min

Lab File: BF139416.D

Acq: 18 Sep 2024 09:47

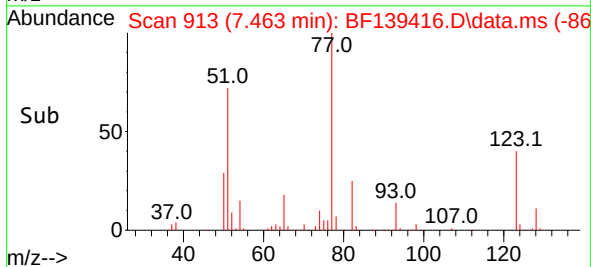
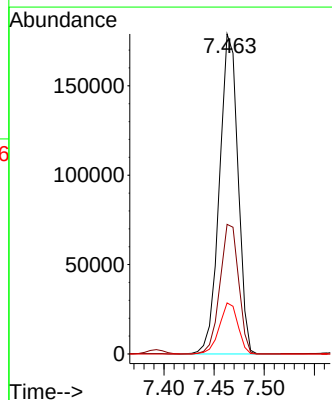
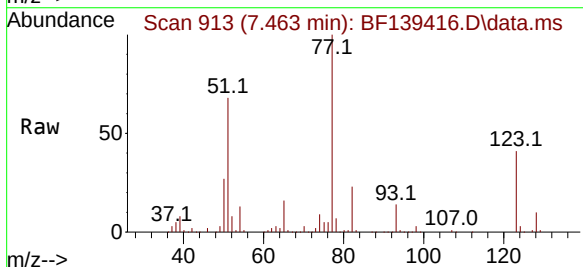
Tgt Ion: 77 Resp: 230621

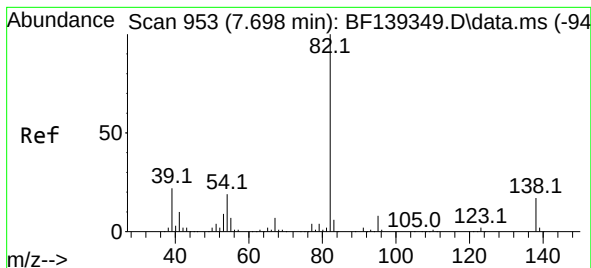
Ion Ratio Lower Upper

77 100

123 40.5 32.2 48.4

65 15.9 12.2 18.4





#25

Isophorone

Concen: 39.440 ng

RT: 7.704 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF139416.D

Acq: 18 Sep 2024 09:47

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

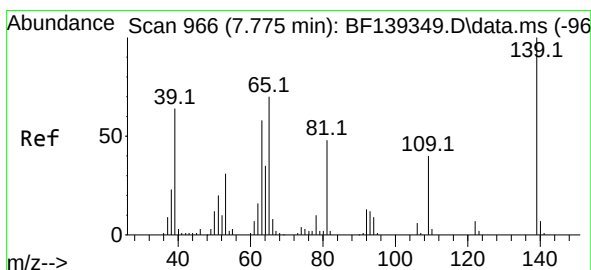
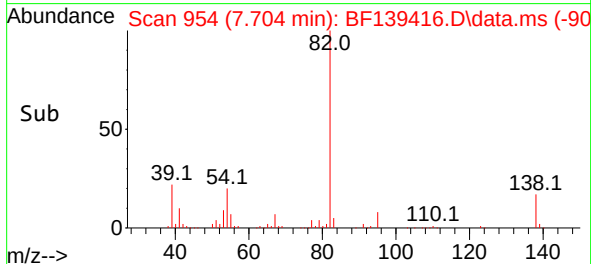
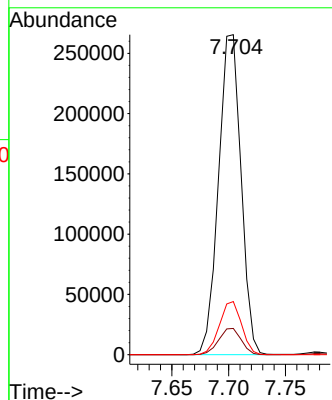
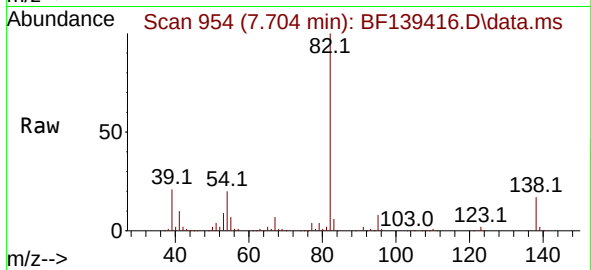
Tgt Ion: 82 Resp: 366618

Ion Ratio Lower Upper

82 100

95 8.2 6.7 10.1

138 16.6 13.3 19.9



#26

2-Nitrophenol

Concen: 40.373 ng

RT: 7.781 min Scan# 967

Delta R.T. 0.006 min

Lab File: BF139416.D

Acq: 18 Sep 2024 09:47

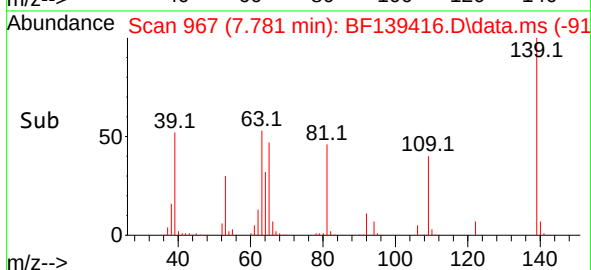
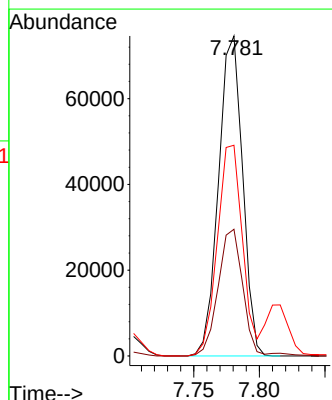
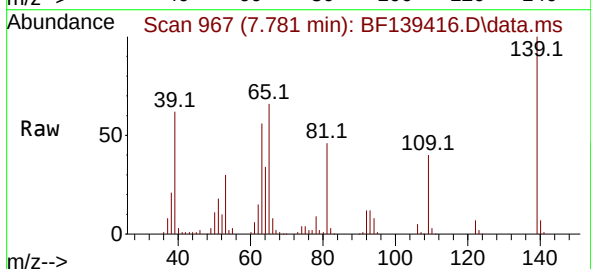
Tgt Ion:139 Resp: 95152

Ion Ratio Lower Upper

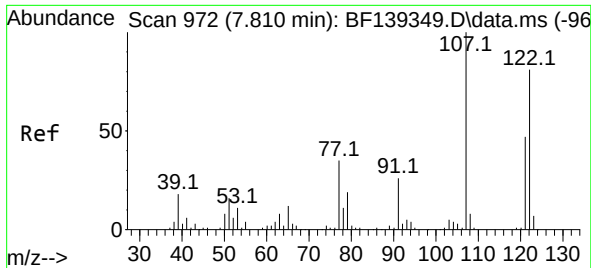
139 100

109 39.6 32.2 48.2

65 65.9 55.8 83.8



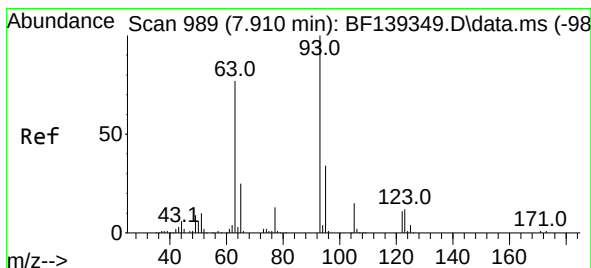
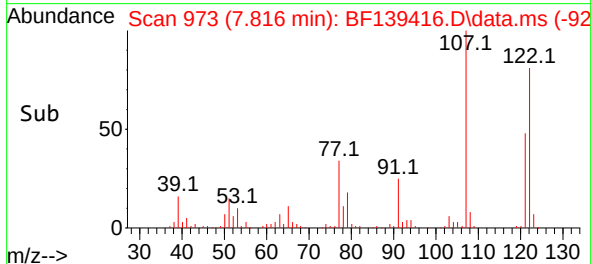
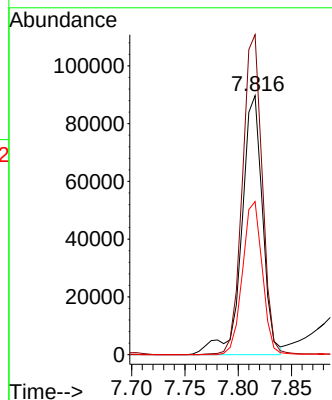
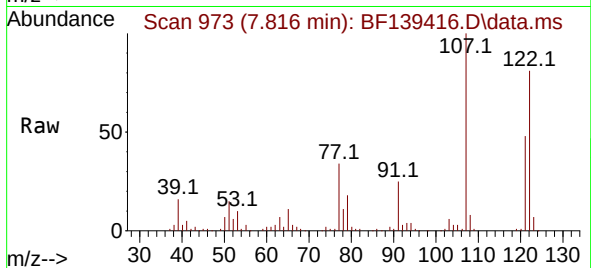




#27  
2,4-Dimethylphenol  
Concen: 39.320 ng  
RT: 7.816 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: BF139416.D  
Acq: 18 Sep 2024 09:47

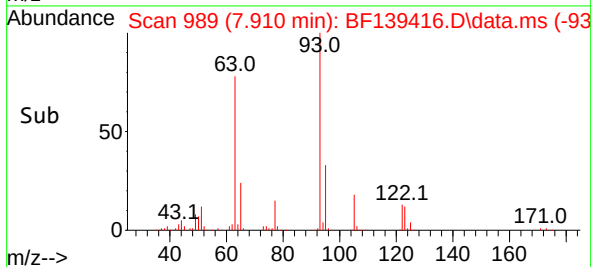
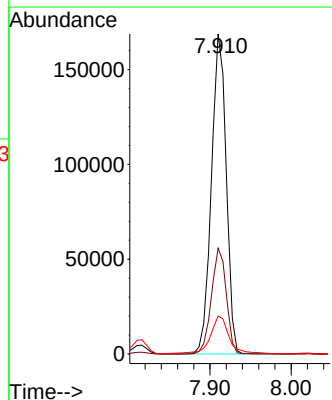
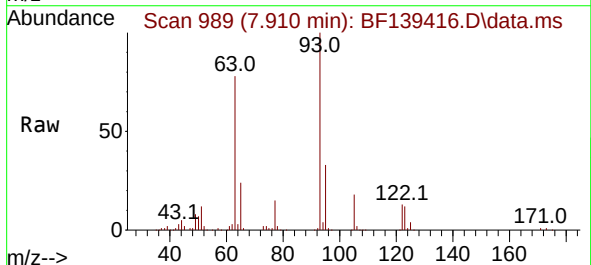
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

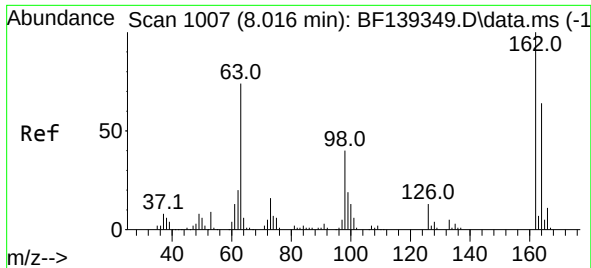
Tgt Ion:122 Resp: 122242  
Ion Ratio Lower Upper  
122 100  
107 123.5 99.1 148.7  
121 59.1 46.6 70.0



#28  
bis(2-Chloroethoxy)methane  
Concen: 40.311 ng  
RT: 7.910 min Scan# 989  
Delta R.T. -0.000 min  
Lab File: BF139416.D  
Acq: 18 Sep 2024 09:47

Tgt Ion: 93 Resp: 213561  
Ion Ratio Lower Upper  
93 100  
95 33.0 26.9 40.3  
123 11.8 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 38.381 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF139416.D

Acq: 18 Sep 2024 09:47

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

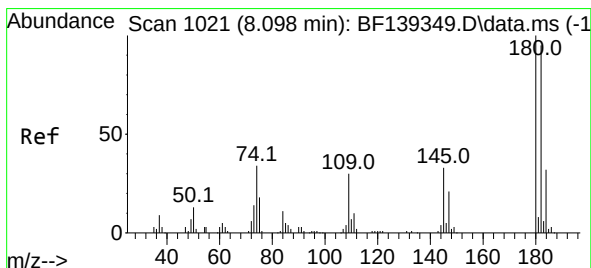
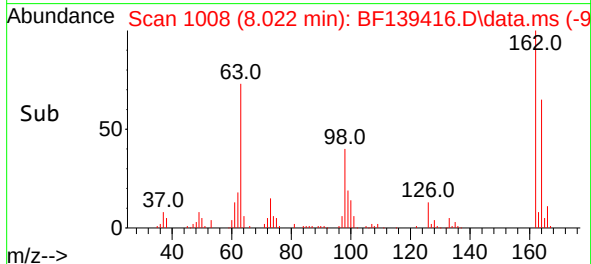
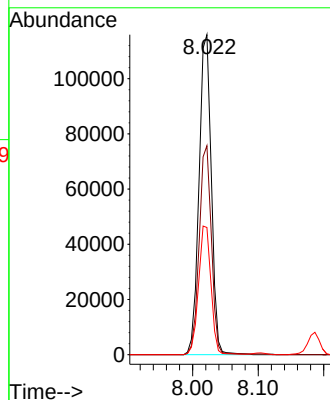
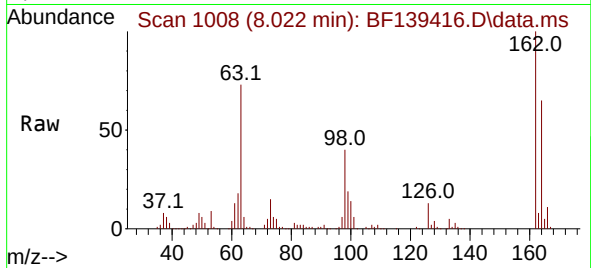
Tgt Ion:162 Resp: 151584

Ion Ratio Lower Upper

162 100

164 65.3 43.6 83.6

98 39.8 19.7 59.7



#30

1,2,4-Trichlorobenzene

Concen: 38.187 ng

RT: 8.104 min Scan# 1022

Delta R.T. 0.006 min

Lab File: BF139416.D

Acq: 18 Sep 2024 09:47

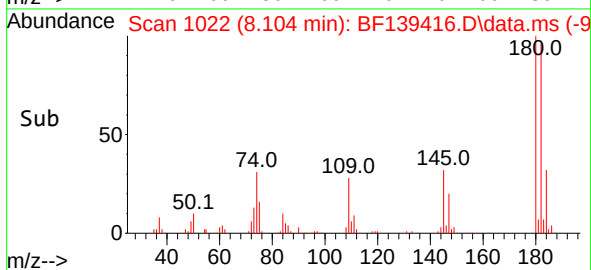
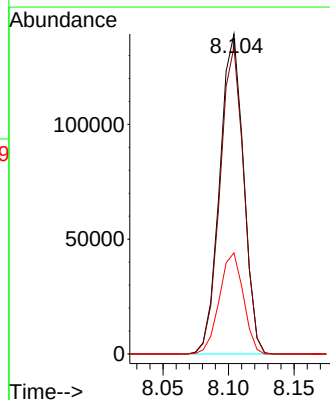
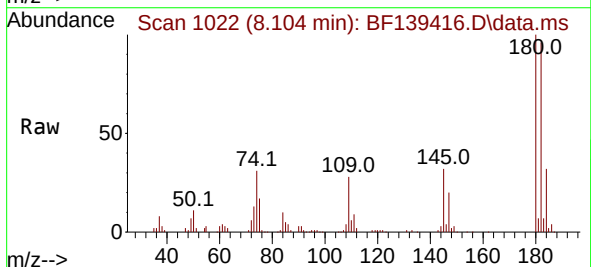
Tgt Ion:180 Resp: 175729

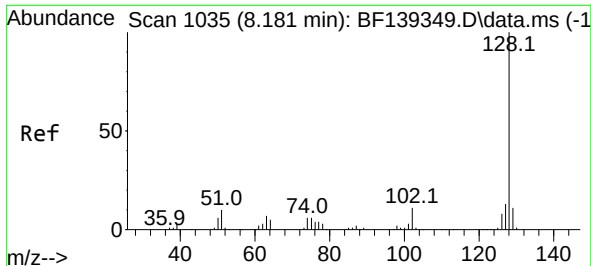
Ion Ratio Lower Upper

180 100

182 96.0 75.7 113.5

145 31.6 26.5 39.7

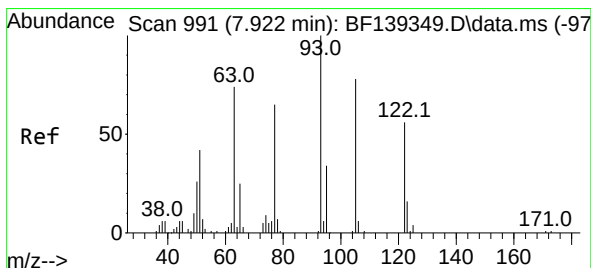
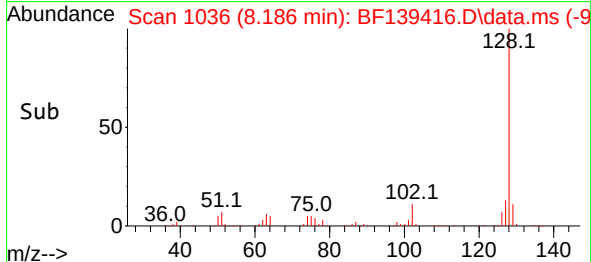
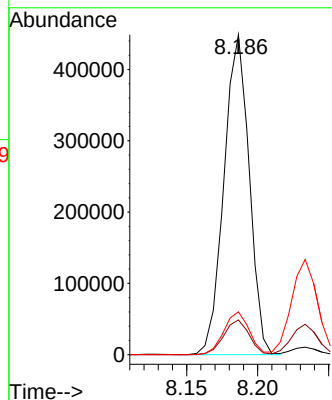
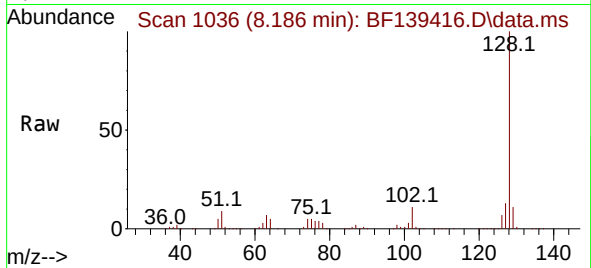




#31  
Naphthalene  
Concen: 38.420 ng  
RT: 8.186 min Scan# 1035  
Delta R.T. 0.006 min  
Lab File: BF139416.D  
Acq: 18 Sep 2024 09:47

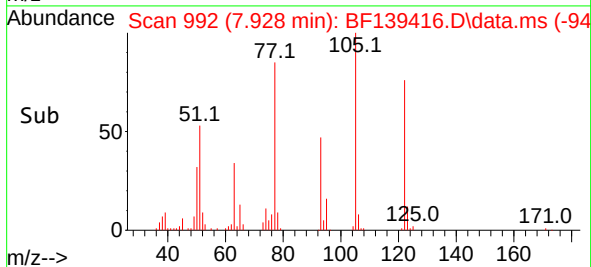
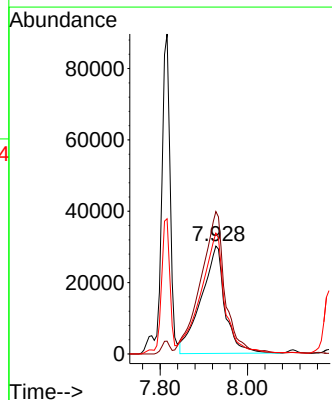
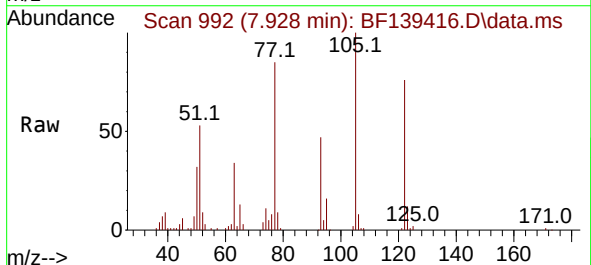
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

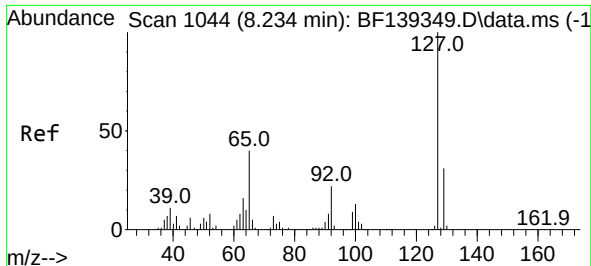
Tgt Ion:128 Resp: 554225  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.6 13.0  
127 13.4 10.6 16.0



#32  
Benzoic acid  
Concen: 39.026 ng  
RT: 7.928 min Scan# 992  
Delta R.T. 0.006 min  
Lab File: BF139416.D  
Acq: 18 Sep 2024 09:47

Tgt Ion:122 Resp: 113542  
Ion Ratio Lower Upper  
122 100  
105 132.0 117.1 157.1  
77 112.1 95.4 135.4

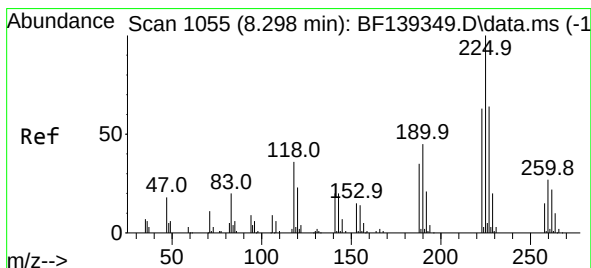
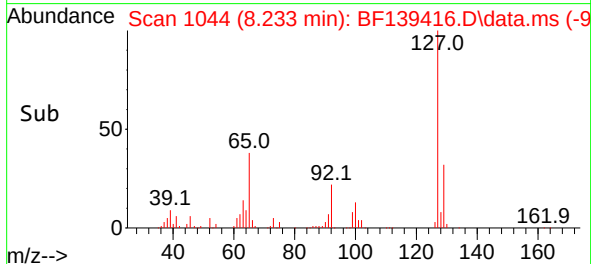
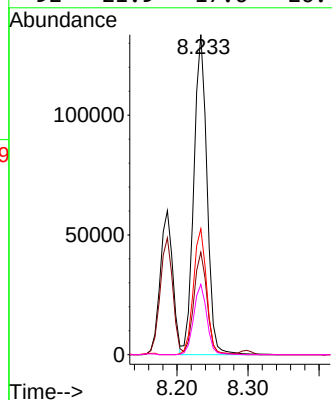
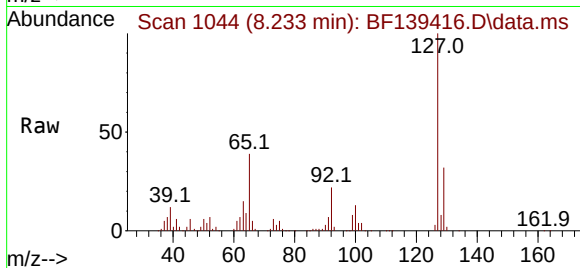




#33  
4-Chloroaniline  
Concen: 39.169 ng  
RT: 8.233 min Scan# 1044  
Delta R.T. -0.000 min  
Lab File: BF139416.D  
Acq: 18 Sep 2024 09:47

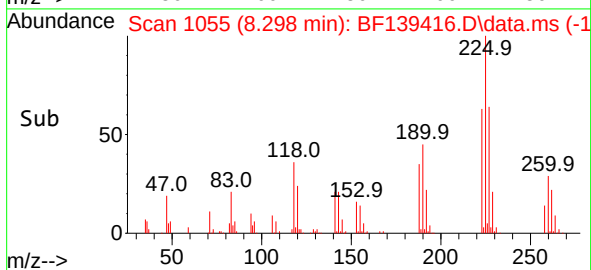
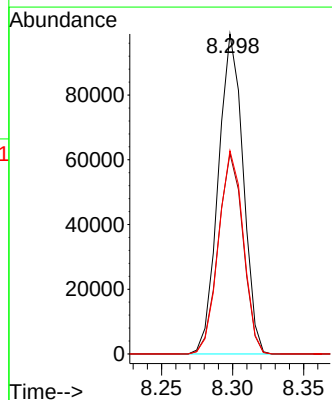
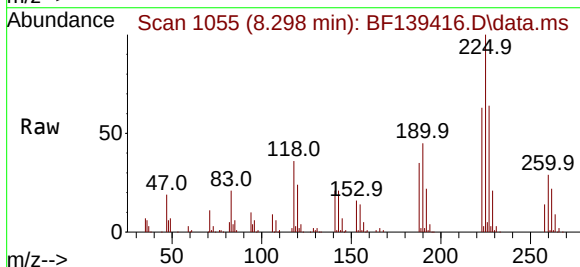
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

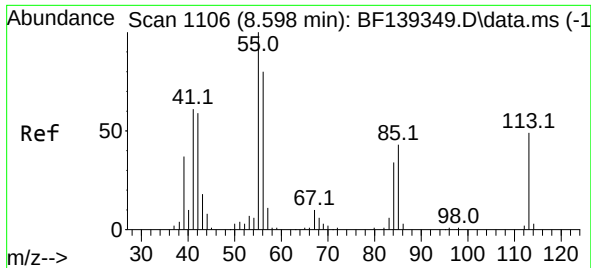
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 172860 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.0  | 25.5  | 38.3   |
| 65       | 39.3  | 31.5  | 47.3   |
| 92       | 21.9  | 17.6  | 26.4   |



#34  
Hexachlorobutadiene  
Concen: 38.445 ng  
RT: 8.298 min Scan# 1055  
Delta R.T. -0.000 min  
Lab File: BF139416.D  
Acq: 18 Sep 2024 09:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 120196 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.6  | 50.1  | 75.1   |
| 227      | 63.5  | 51.0  | 76.6   |

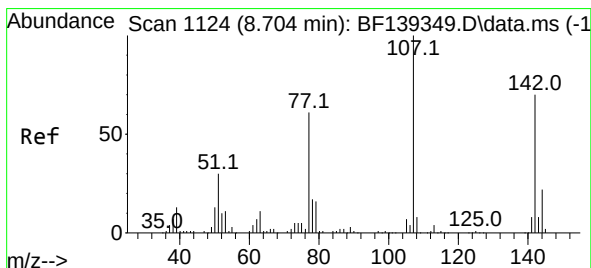
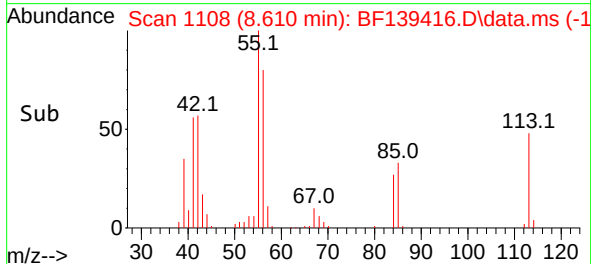
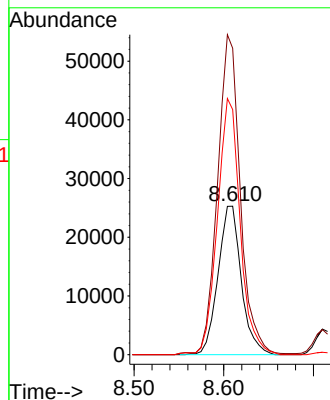
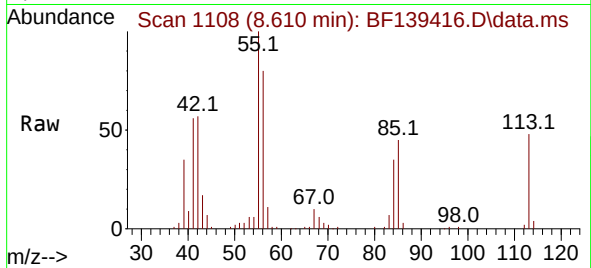




#35  
 Caprolactam  
 Concen: 37.479 ng  
 RT: 8.610 min Scan# 1108  
 Delta R.T. 0.012 min  
 Lab File: BF139416.D  
 Acq: 18 Sep 2024 09:47

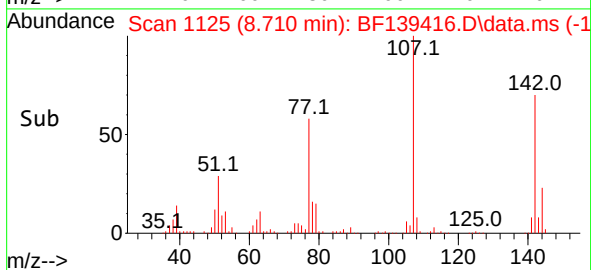
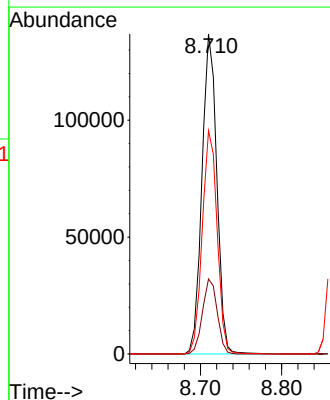
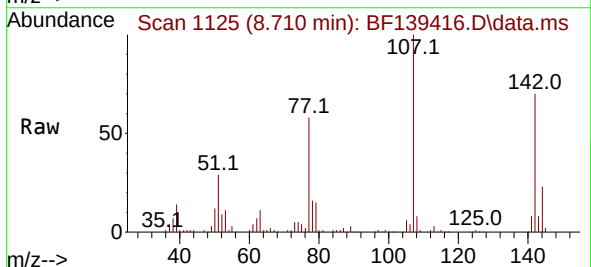
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

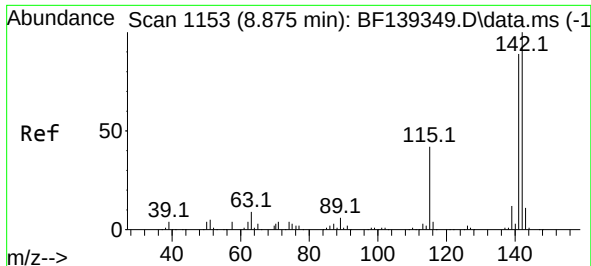
Tgt Ion:113 Resp: 45533  
 Ion Ratio Lower Upper  
 113 100  
 55 206.5 186.1 226.1  
 56 165.1 144.9 184.9



#36  
 4-Chloro-3-methylphenol  
 Concen: 38.515 ng  
 RT: 8.710 min Scan# 1125  
 Delta R.T. 0.006 min  
 Lab File: BF139416.D  
 Acq: 18 Sep 2024 09:47

Tgt Ion:107 Resp: 173842  
 Ion Ratio Lower Upper  
 107 100  
 144 23.4 17.5 26.3  
 142 69.8 55.8 83.8





#37

2-Methylnaphthalene

Concen: 38.832 ng

RT: 8.875 min Scan# 1153

Delta R.T. -0.000 min

Lab File: BF139416.D

Acq: 18 Sep 2024 09:47

Instrument :

BNA\_F

ClientSampleId :

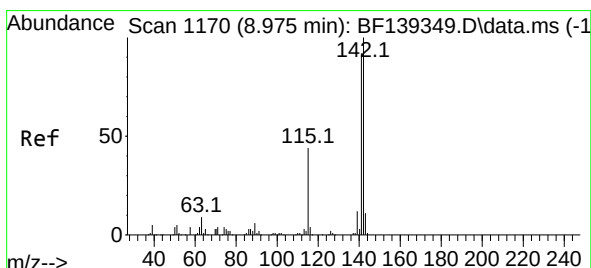
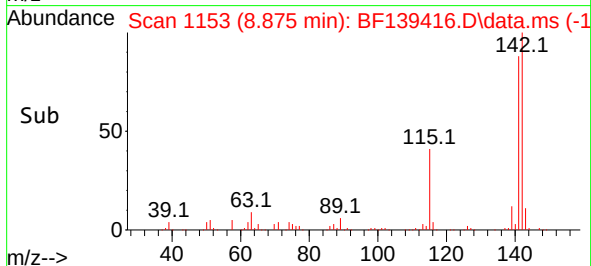
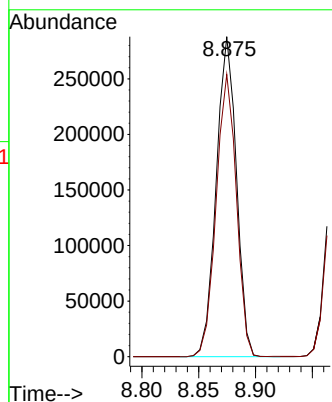
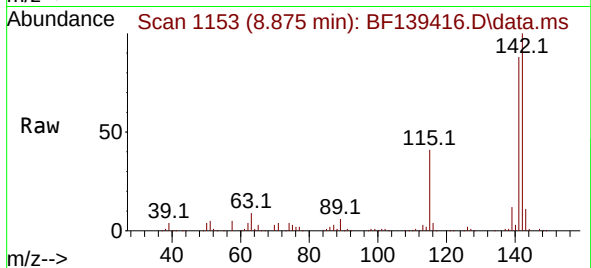
SSTDCCC040

Tgt Ion:142 Resp: 355560

Ion Ratio Lower Upper

142 100

141 88.2 71.6 107.4



#38

1-Methylnaphthalene

Concen: 38.451 ng

RT: 8.975 min Scan# 1170

Delta R.T. -0.000 min

Lab File: BF139416.D

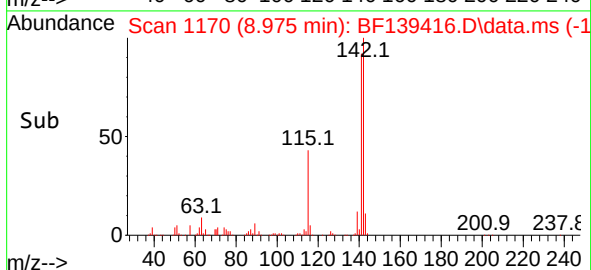
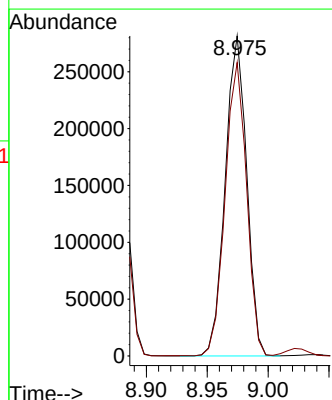
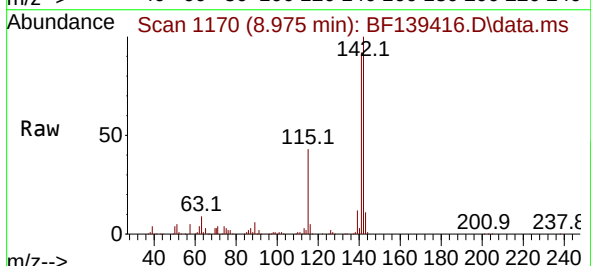
Acq: 18 Sep 2024 09:47

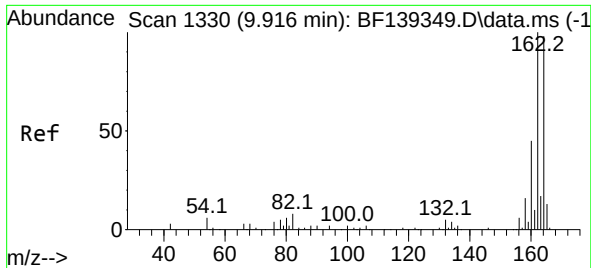
Tgt Ion:142 Resp: 345655

Ion Ratio Lower Upper

142 100

141 91.7 73.2 109.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1181

Delta R.T. -0.000 min

Lab File: BF139416.D

Acq: 18 Sep 2024 09:47

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

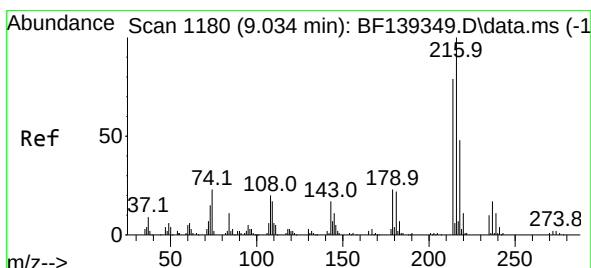
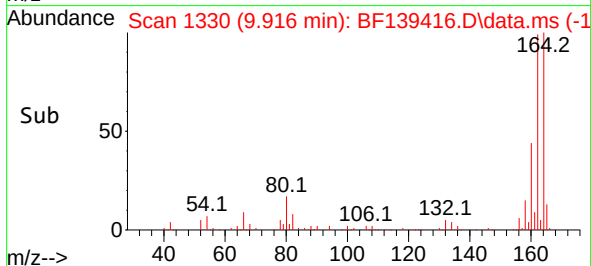
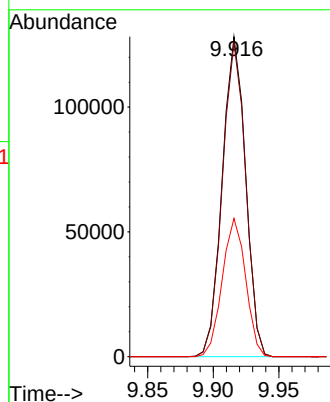
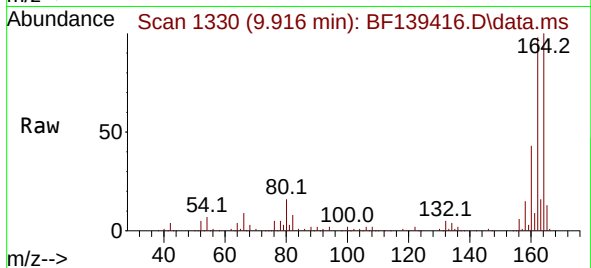
Tgt Ion:164 Resp: 158632

Ion Ratio Lower Upper

164 100

162 98.1 81.3 121.9

160 43.2 36.4 54.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.291 ng

RT: 9.039 min Scan# 1181

Delta R.T. 0.006 min

Lab File: BF139416.D

Acq: 18 Sep 2024 09:47

Tgt Ion:216 Resp: 175318

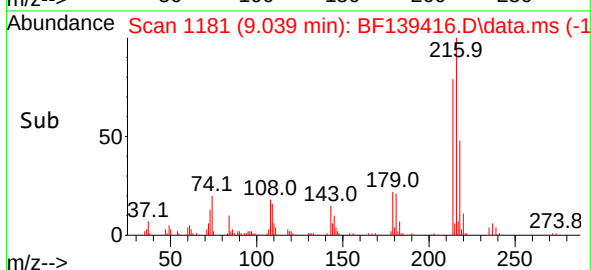
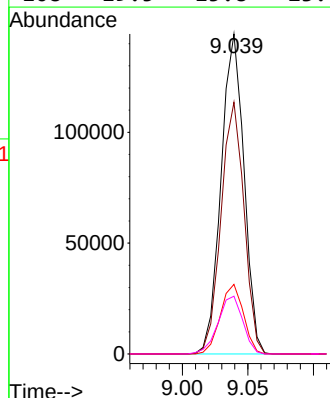
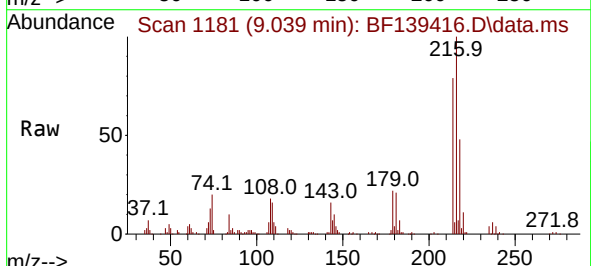
Ion Ratio Lower Upper

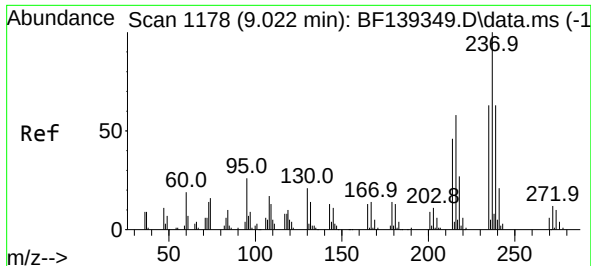
216 100

214 78.7 63.4 95.0

179 21.9 18.2 27.2

108 19.5 15.8 23.6

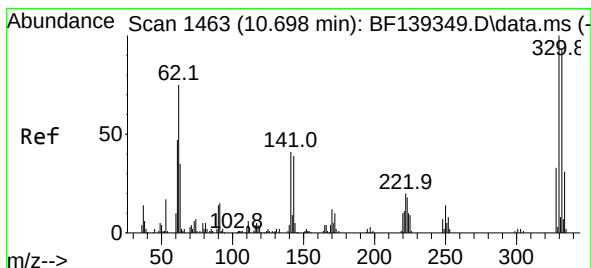
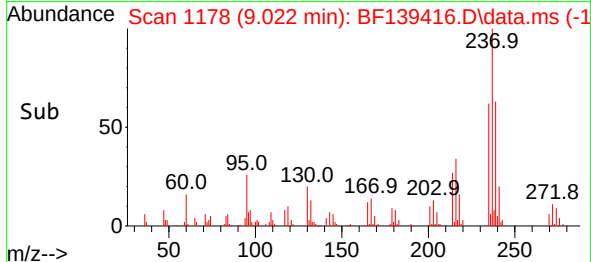
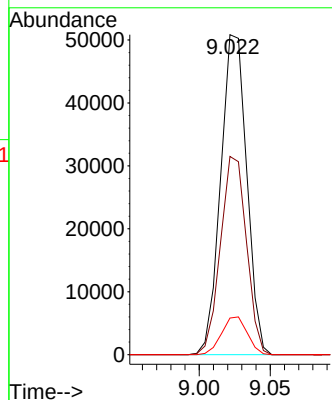
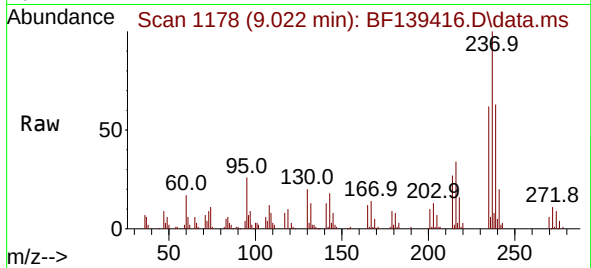




#41  
Hexachlorocyclopentadiene  
Concen: 39.564 ng  
RT: 9.022 min Scan# 1178  
Delta R.T. -0.000 min  
Lab File: BF139416.D  
Acq: 18 Sep 2024 09:47

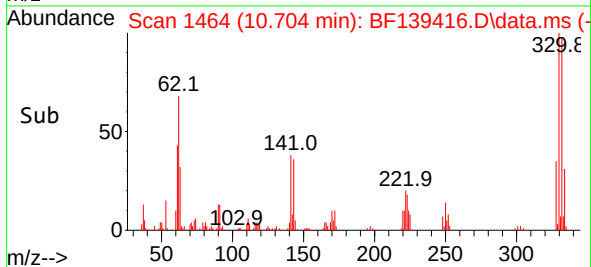
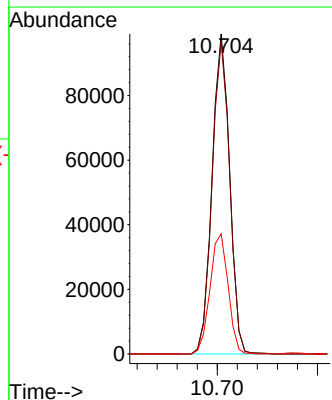
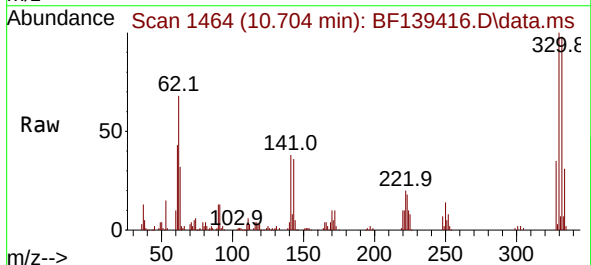
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:237 Resp: 64945  
Ion Ratio Lower Upper  
237 100  
235 62.0 42.7 82.7  
272 11.5 0.0 32.5

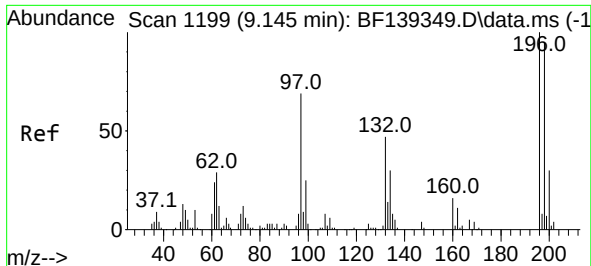


#42  
2,4,6-Tribromophenol  
Concen: 71.475 ng  
RT: 10.704 min Scan# 1464  
Delta R.T. 0.006 min  
Lab File: BF139416.D  
Acq: 18 Sep 2024 09:47

Tgt Ion:330 Resp: 120709  
Ion Ratio Lower Upper  
330 100  
332 97.5 75.2 112.8  
141 38.6 31.2 46.8







#43

2,4,6-Trichlorophenol

Concen: 36.954 ng

RT: 9.151 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF139416.D

Acq: 18 Sep 2024 09:47

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

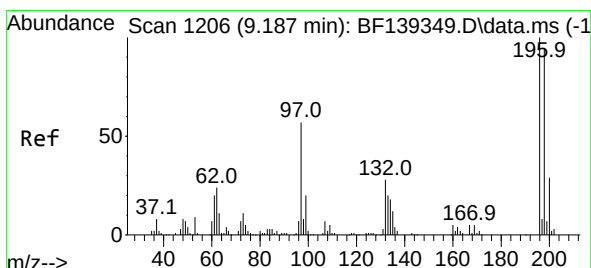
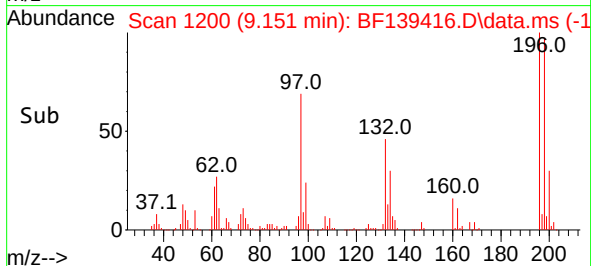
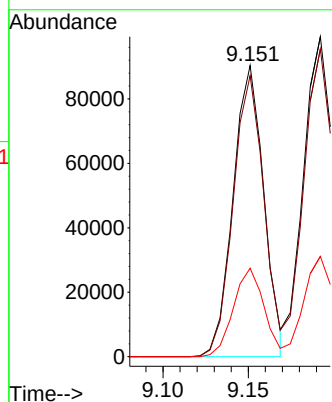
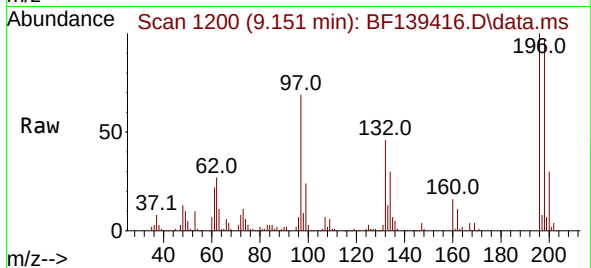
Tgt Ion:196 Resp: 113032

Ion Ratio Lower Upper

196 100

198 96.6 75.8 113.6

200 30.4 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 38.423 ng

RT: 9.192 min Scan# 1207

Delta R.T. 0.006 min

Lab File: BF139416.D

Acq: 18 Sep 2024 09:47

Tgt Ion:196 Resp: 123967

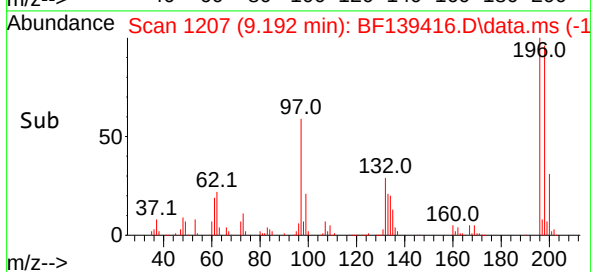
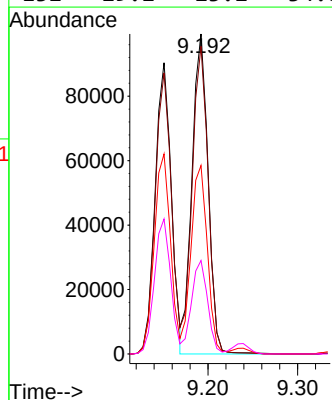
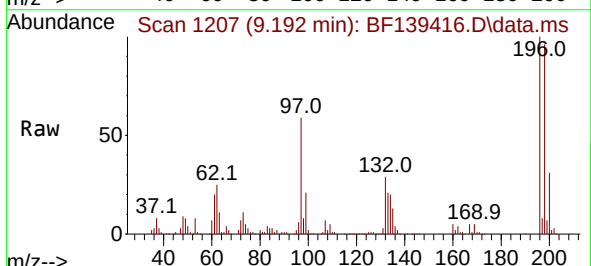
Ion Ratio Lower Upper

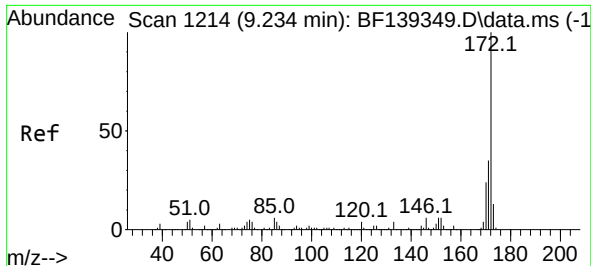
196 100

198 96.2 74.8 112.2

97 58.9 47.3 70.9

132 29.2 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 73.671 ng

RT: 9.239 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139416.D

Acq: 18 Sep 2024 09:47

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

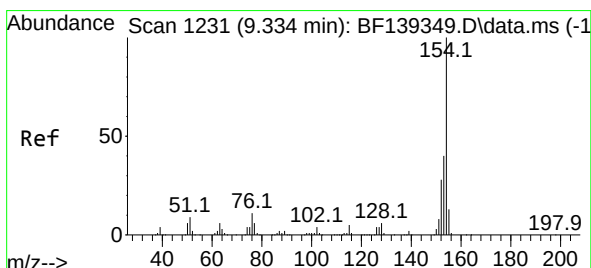
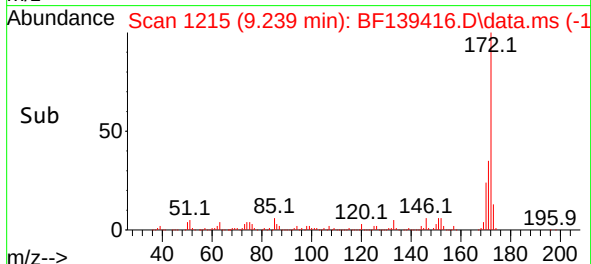
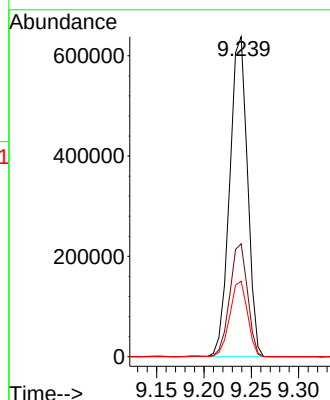
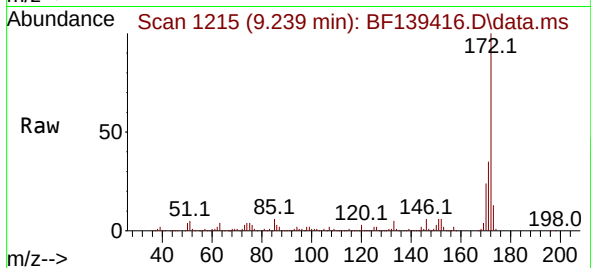
Tgt Ion:172 Resp: 833254

Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.6 19.0 28.6



#46

1,1'-Biphenyl

Concen: 37.436 ng

RT: 9.339 min Scan# 1232

Delta R.T. 0.006 min

Lab File: BF139416.D

Acq: 18 Sep 2024 09:47

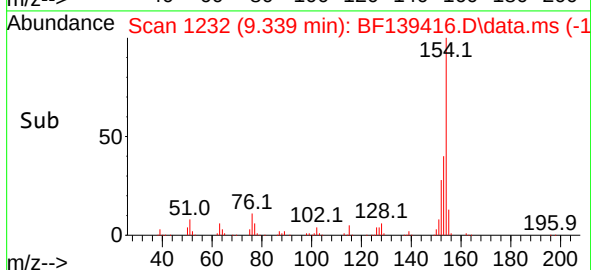
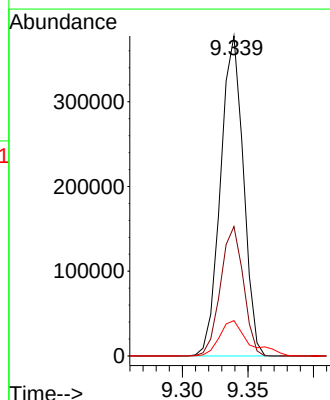
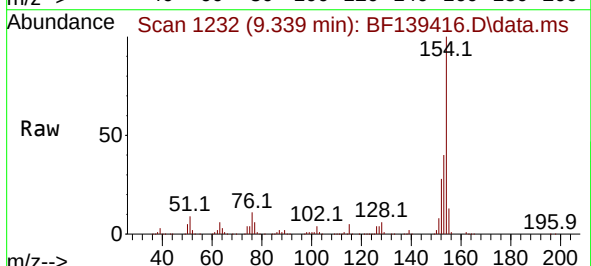
Tgt Ion:154 Resp: 456865

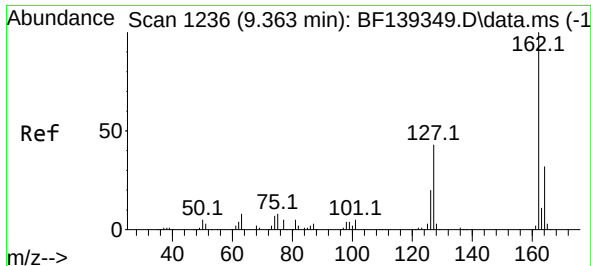
Ion Ratio Lower Upper

154 100

153 40.4 20.1 60.1

76 11.0 0.0 31.1





#47

2-Chloronaphthalene

Concen: 37.631 ng

RT: 9.363 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139416.D

Acq: 18 Sep 2024 09:47

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

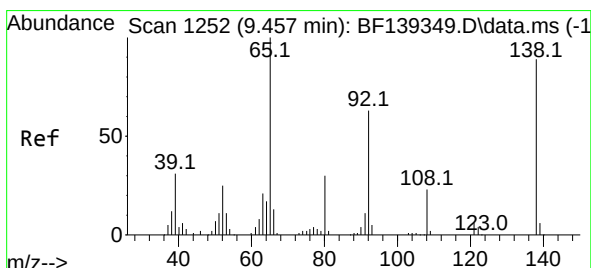
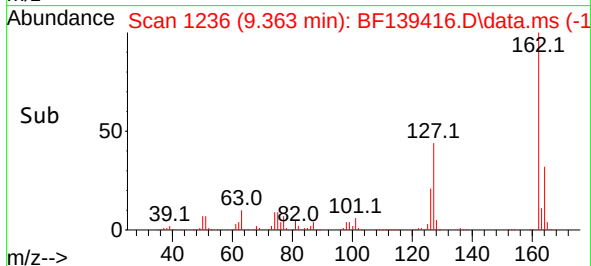
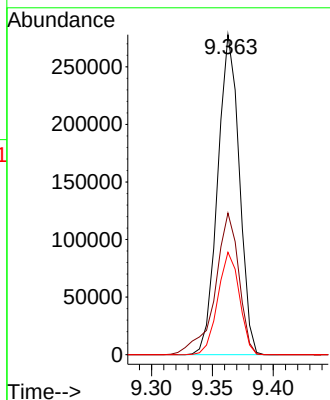
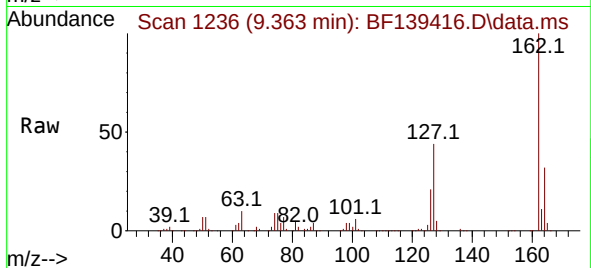
Tgt Ion:162 Resp: 343382

Ion Ratio Lower Upper

162 100

127 44.2 35.0 52.4

164 32.0 25.8 38.6



#48

2-Nitroaniline

Concen: 36.744 ng

RT: 9.457 min Scan# 1252

Delta R.T. -0.000 min

Lab File: BF139416.D

Acq: 18 Sep 2024 09:47

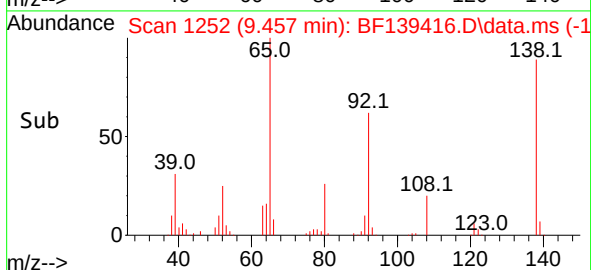
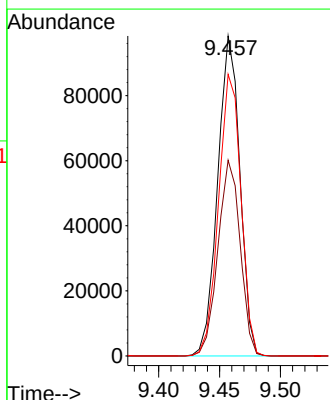
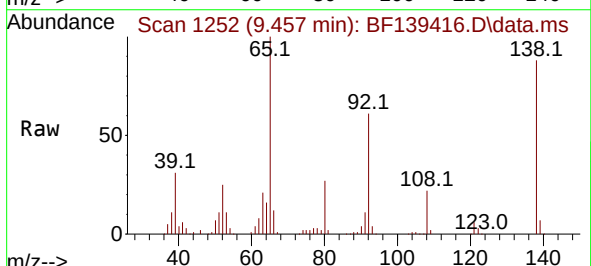
Tgt Ion: 65 Resp: 124709

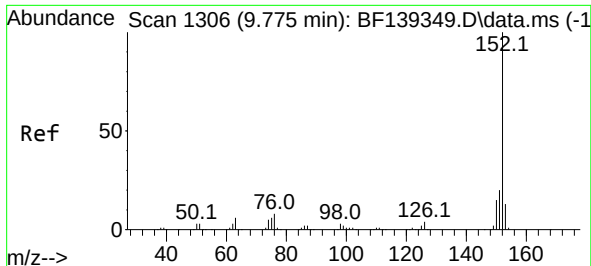
Ion Ratio Lower Upper

65 100

92 61.1 50.3 75.5

138 88.0 71.3 106.9

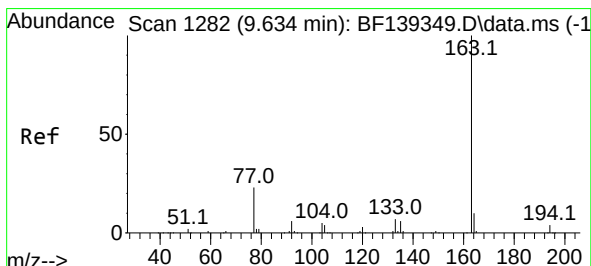
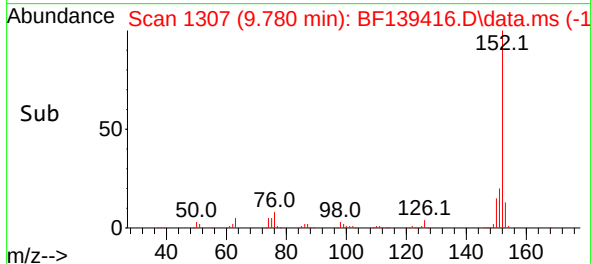
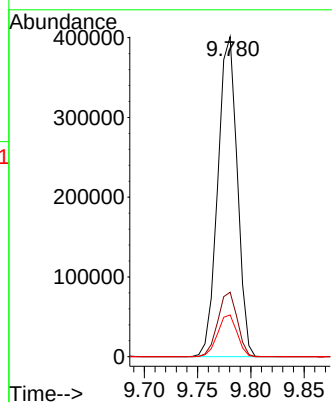
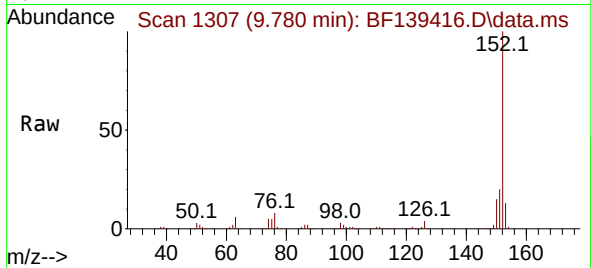




#49  
Acenaphthylene  
Concen: 37.029 ng  
RT: 9.780 min Scan# 11  
Delta R.T. 0.005 min  
Lab File: BF139416.D  
Acq: 18 Sep 2024 09:47

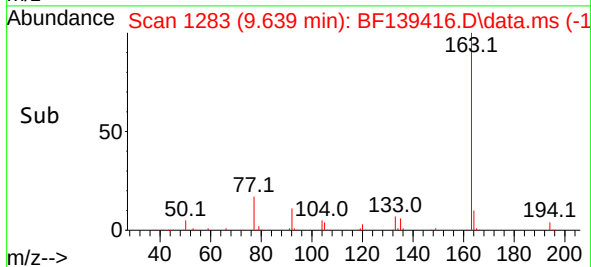
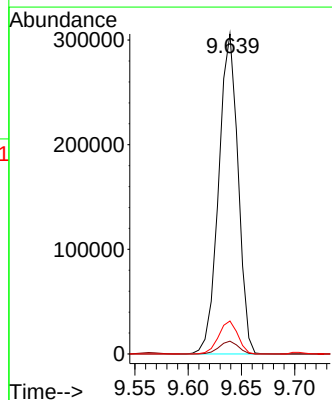
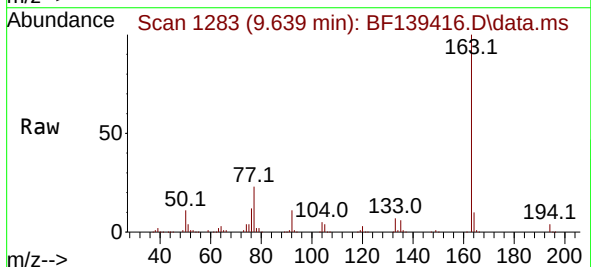
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

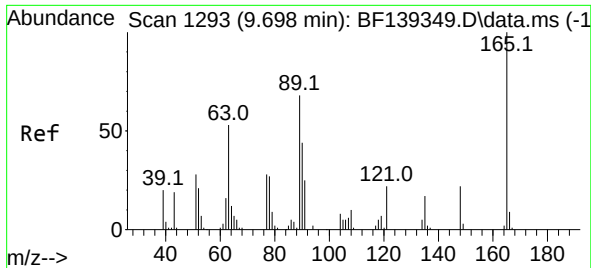
Tgt Ion:152 Resp: 508622  
Ion Ratio Lower Upper  
152 100  
151 20.2 16.2 24.2  
153 13.0 10.3 15.5



#50  
Dimethylphthalate  
Concen: 37.111 ng  
RT: 9.639 min Scan# 1283  
Delta R.T. 0.006 min  
Lab File: BF139416.D  
Acq: 18 Sep 2024 09:47

Tgt Ion:163 Resp: 386384  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.1 4.7  
164 10.3 8.2 12.2

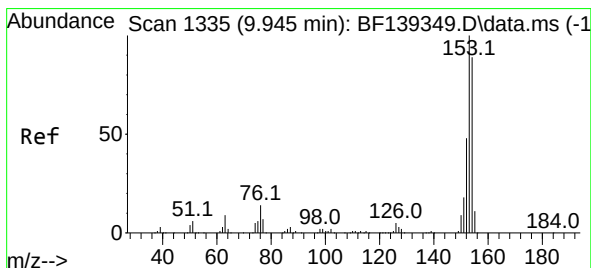
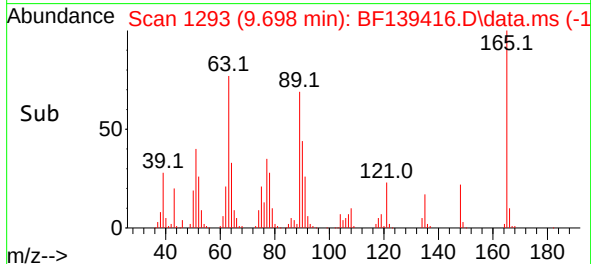
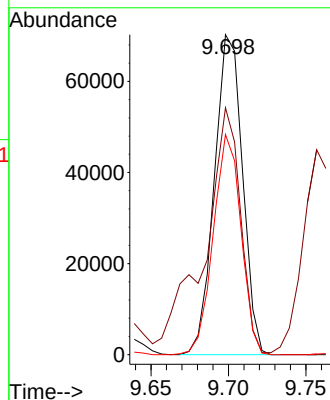
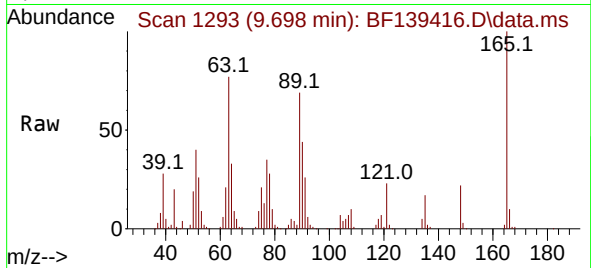




#51  
2,6-Dinitrotoluene  
Concen: 38.507 ng  
RT: 9.698 min Scan# 1293  
Delta R.T. -0.000 min  
Lab File: BF139416.D  
Acq: 18 Sep 2024 09:47

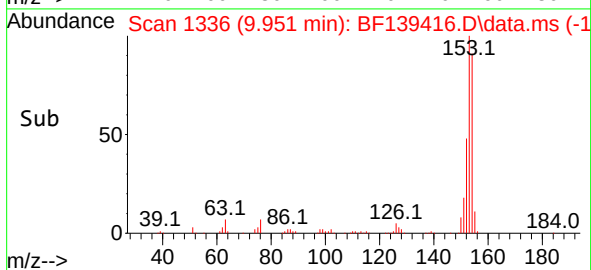
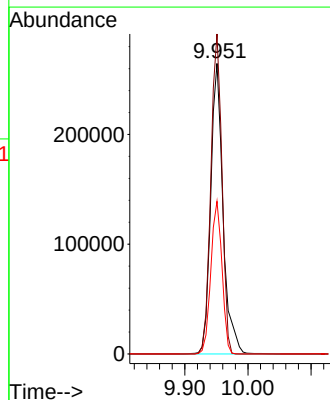
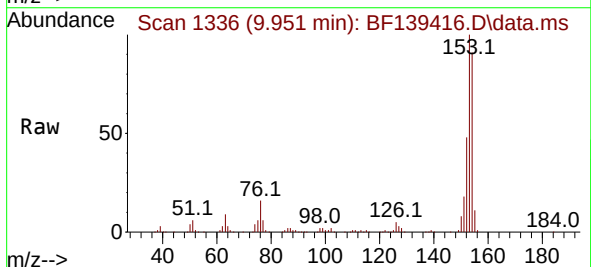
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

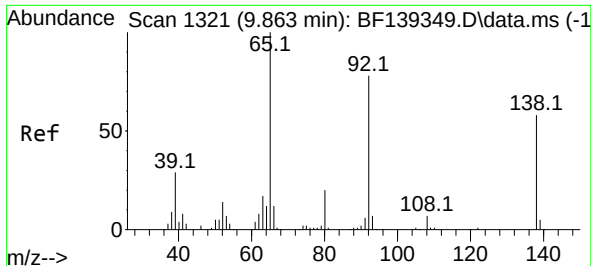
Tgt Ion:165 Resp: 88816  
Ion Ratio Lower Upper  
165 100  
63 77.1 60.9 91.3  
89 68.8 54.7 82.1



#52  
Acenaphthene  
Concen: 37.466 ng  
RT: 9.951 min Scan# 1336  
Delta R.T. 0.006 min  
Lab File: BF139416.D  
Acq: 18 Sep 2024 09:47

Tgt Ion:154 Resp: 359173  
Ion Ratio Lower Upper  
154 100  
153 110.1 89.5 134.3  
152 52.5 42.6 64.0

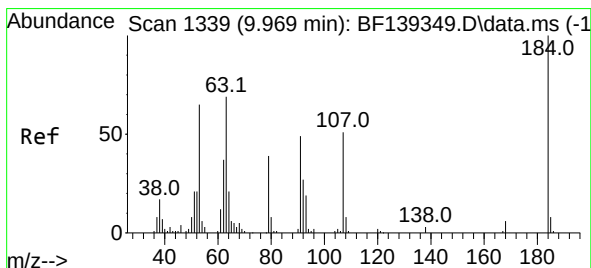
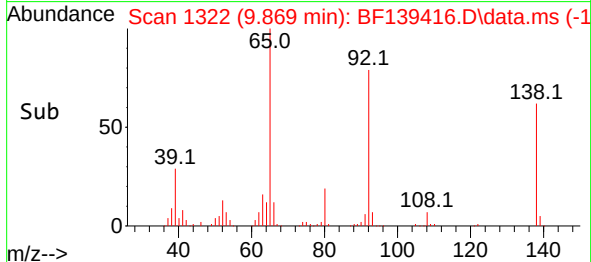
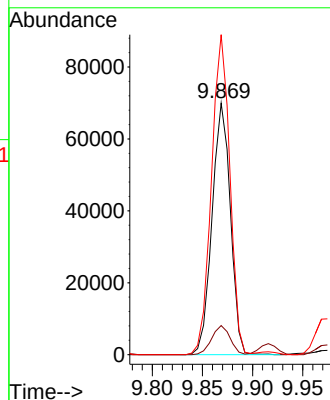
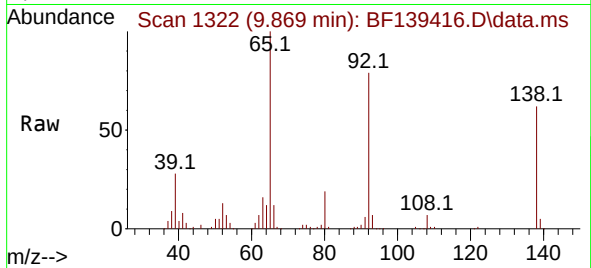




#53  
3-Nitroaniline  
Concen: 38.518 ng  
RT: 9.869 min Scan# 1321  
Delta R.T. 0.006 min  
Lab File: BF139416.D  
Acq: 18 Sep 2024 09:47

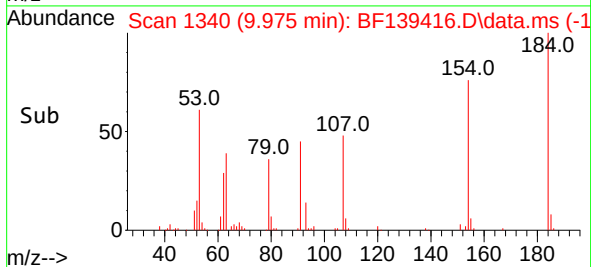
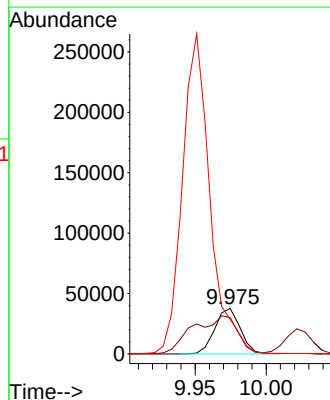
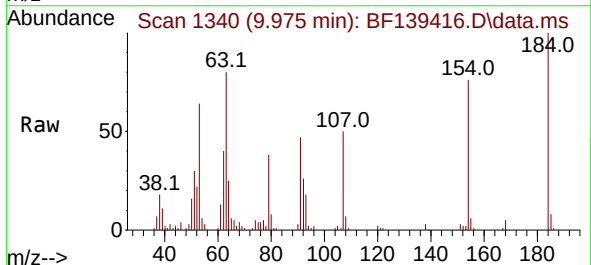
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

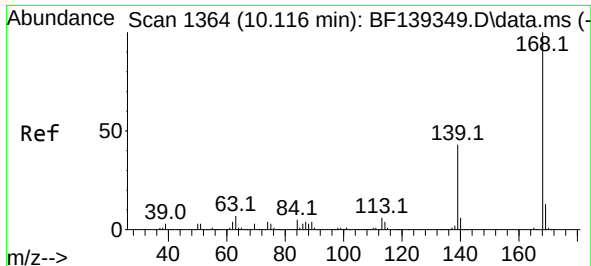
Tgt Ion:138 Resp: 88787  
Ion Ratio Lower Upper  
138 100  
108 11.6 9.8 14.8  
92 127.2 107.4 161.2



#54  
2,4-Dinitrophenol  
Concen: 36.709 ng  
RT: 9.975 min Scan# 1340  
Delta R.T. 0.006 min  
Lab File: BF139416.D  
Acq: 18 Sep 2024 09:47

Tgt Ion:184 Resp: 47180  
Ion Ratio Lower Upper  
184 100  
63 80.0 69.3 103.9  
154 76.1 67.5 101.3

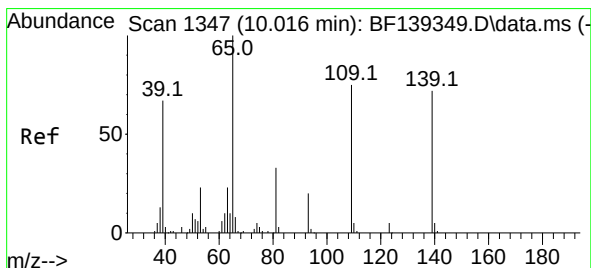
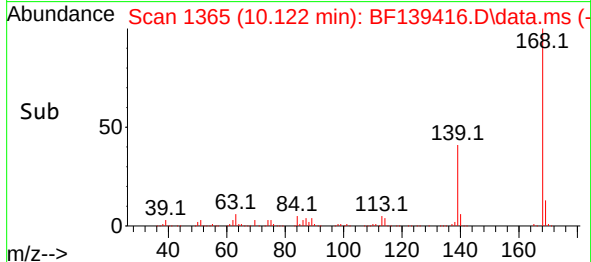
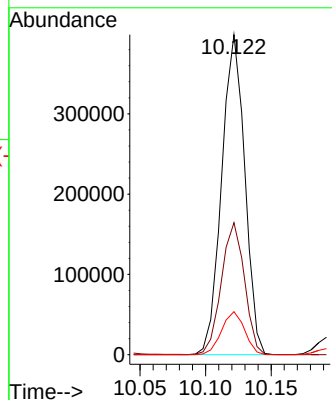
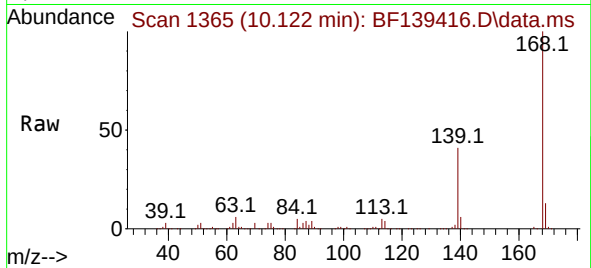




#55  
Dibenzofuran  
Concen: 36.509 ng  
RT: 10.122 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF139416.D  
Acq: 18 Sep 2024 09:47

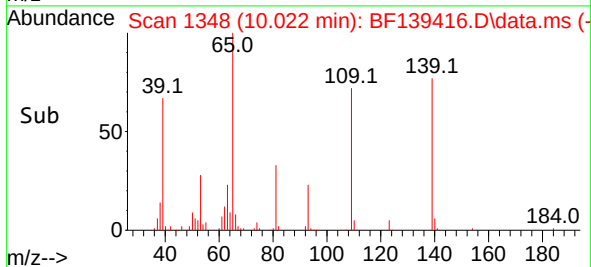
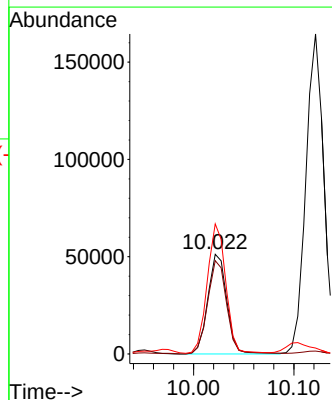
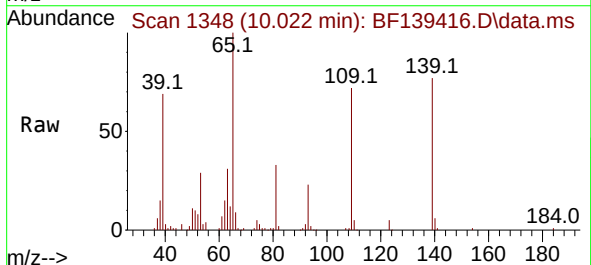
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

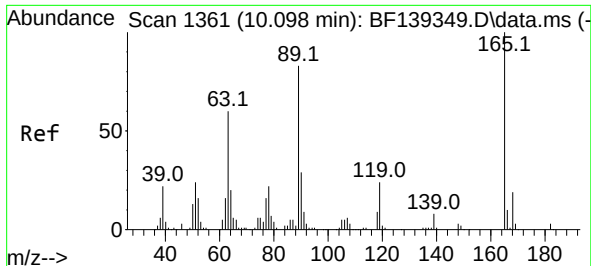
Tgt Ion:168 Resp: 487828  
Ion Ratio Lower Upper  
168 100  
139 41.3 34.1 51.1  
169 13.5 10.5 15.7



#56  
4-Nitrophenol  
Concen: 35.388 ng  
RT: 10.022 min Scan# 1348  
Delta R.T. 0.006 min  
Lab File: BF139416.D  
Acq: 18 Sep 2024 09:47

Tgt Ion:139 Resp: 67497  
Ion Ratio Lower Upper  
139 100  
109 93.6 84.1 124.1  
65 130.5 120.0 160.0

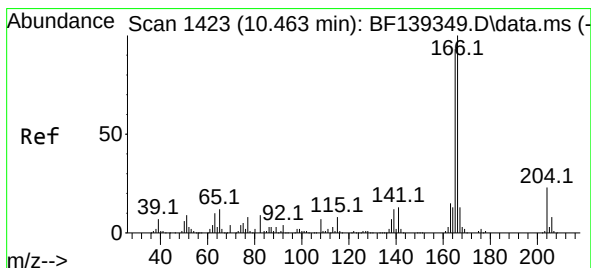
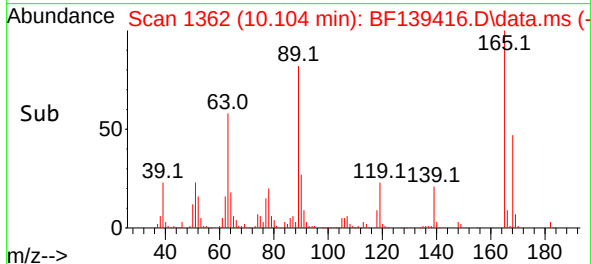
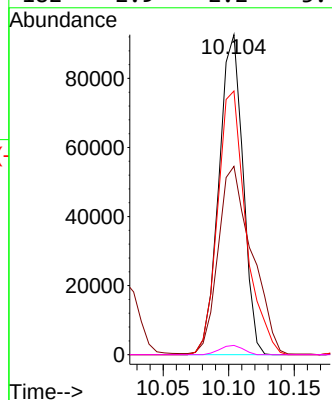
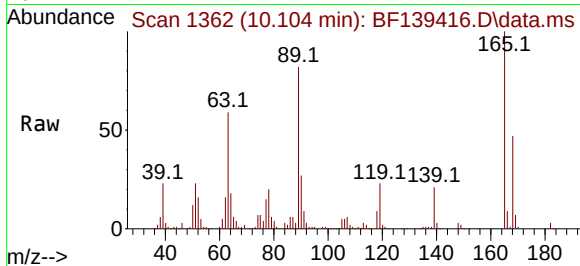




#57  
2,4-Dinitrotoluene  
Concen: 37.939 ng  
RT: 10.104 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF139416.D  
Acq: 18 Sep 2024 09:47

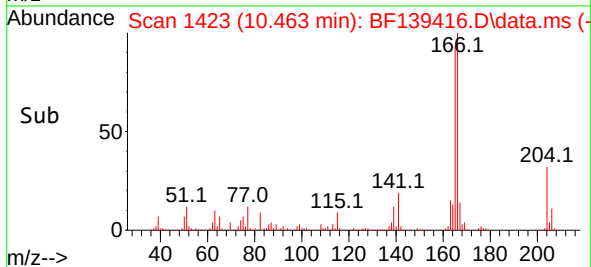
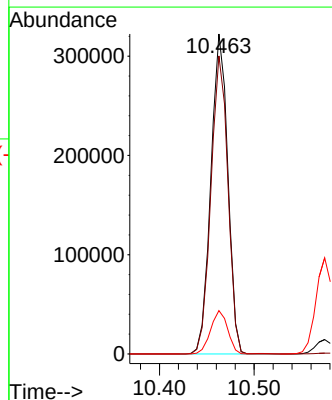
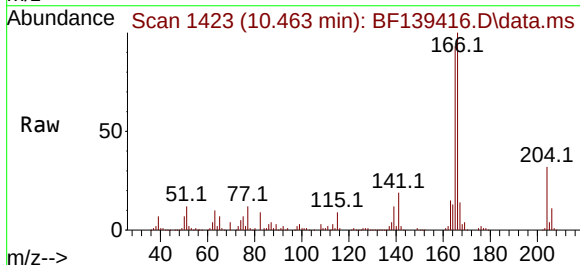
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:165 Resp: 118142  
Ion Ratio Lower Upper  
165 100  
63 58.8 47.8 71.6  
89 82.4 66.7 100.1  
182 2.9 2.2 3.4

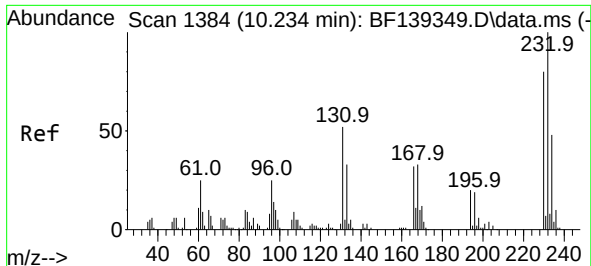


#58  
Fluorene  
Concen: 36.652 ng  
RT: 10.463 min Scan# 1423  
Delta R.T. -0.000 min  
Lab File: BF139416.D  
Acq: 18 Sep 2024 09:47

Tgt Ion:166 Resp: 399581  
Ion Ratio Lower Upper  
166 100  
165 93.1 74.5 111.7  
167 13.5 10.6 16.0



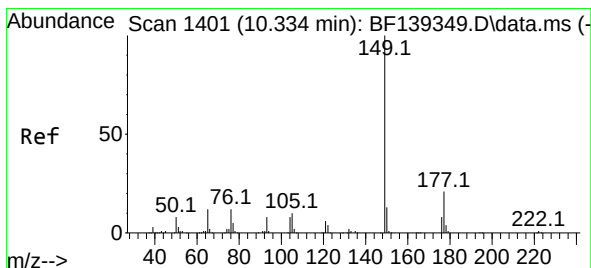
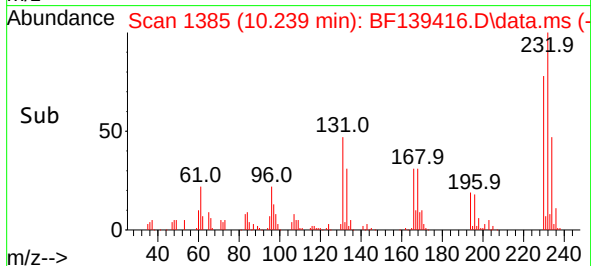
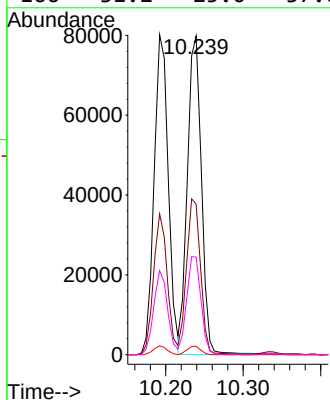
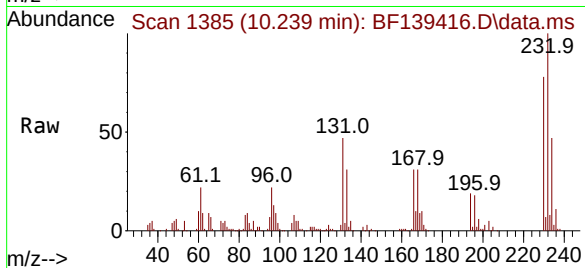




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 37.663 ng  
RT: 10.239 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF139416.D  
Acq: 18 Sep 2024 09:47

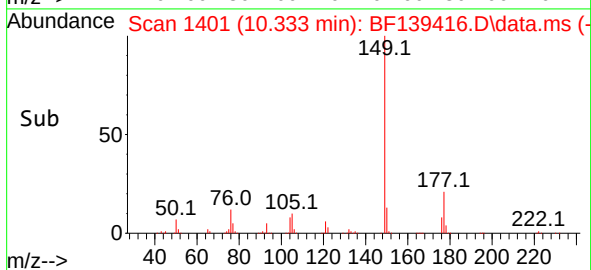
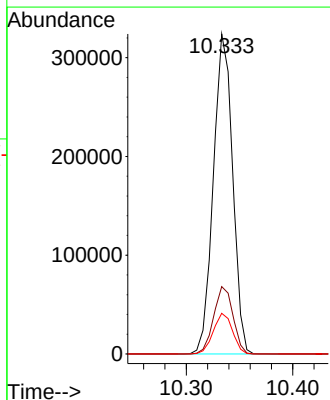
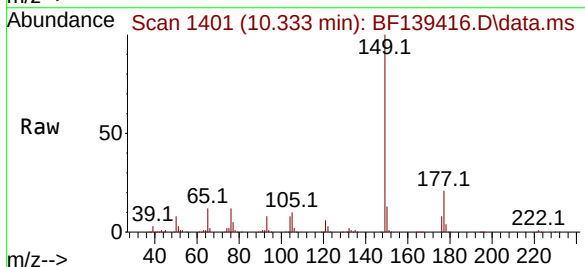
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

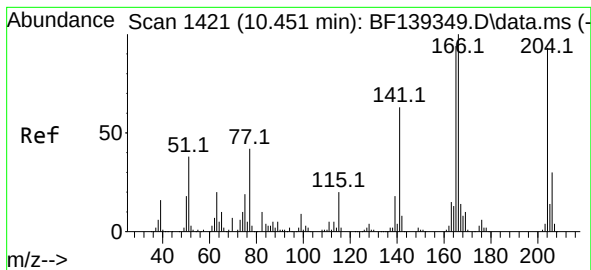
Tgt Ion:232 Resp: 100522  
Ion Ratio Lower Upper  
232 100  
131 49.0 40.7 61.1  
130 2.6 2.2 3.2  
166 31.2 25.0 37.6



#60  
Diethylphthalate  
Concen: 37.807 ng  
RT: 10.333 min Scan# 1401  
Delta R.T. -0.000 min  
Lab File: BF139416.D  
Acq: 18 Sep 2024 09:47

Tgt Ion:149 Resp: 406212  
Ion Ratio Lower Upper  
149 100  
177 21.0 16.6 24.8  
150 12.7 10.6 15.8

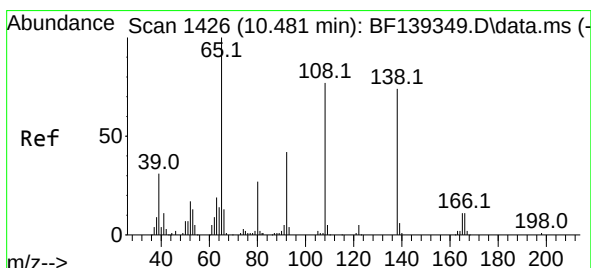
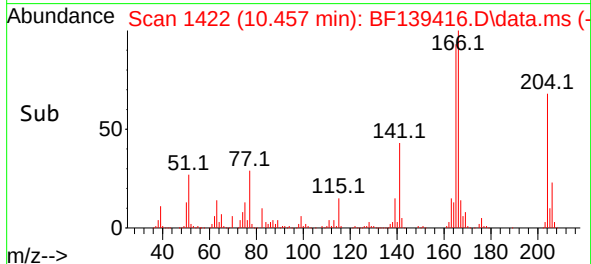
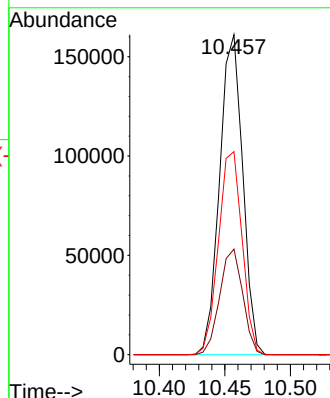
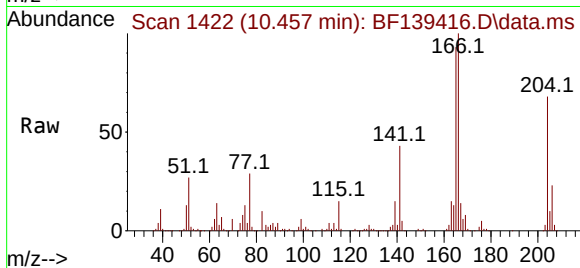




#61  
4-Chlorophenyl-phenylether  
Concen: 37.185 ng  
RT: 10.457 min Scan# 1421  
Delta R.T. 0.006 min  
Lab File: BF139416.D  
Acq: 18 Sep 2024 09:47

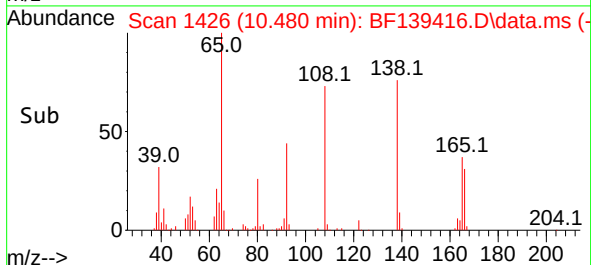
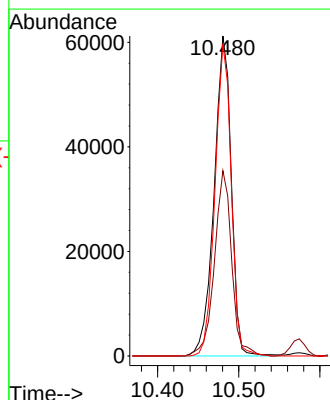
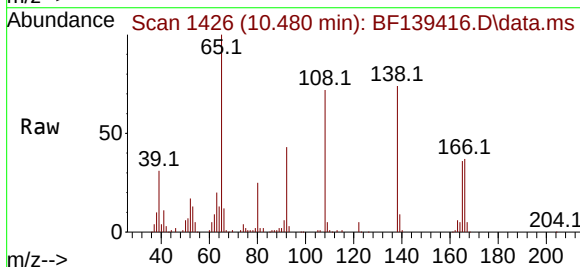
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

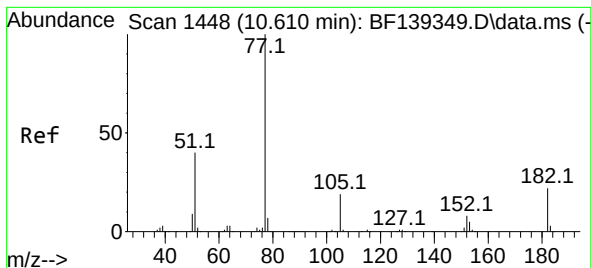
Tgt Ion:204 Resp: 197015  
Ion Ratio Lower Upper  
204 100  
206 33.0 26.2 39.2  
141 63.4 53.9 80.9



#62  
4-Nitroaniline  
Concen: 35.802 ng  
RT: 10.480 min Scan# 1426  
Delta R.T. -0.000 min  
Lab File: BF139416.D  
Acq: 18 Sep 2024 09:47

Tgt Ion:138 Resp: 90068  
Ion Ratio Lower Upper  
138 100  
92 57.9 37.0 77.0  
108 97.5 84.4 124.4





#63

Azobenzene

Concen: 37.635 ng

RT: 10.616 min Scan# 1448

Delta R.T. 0.006 min

Lab File: BF139416.D

Acq: 18 Sep 2024 09:47

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 397721

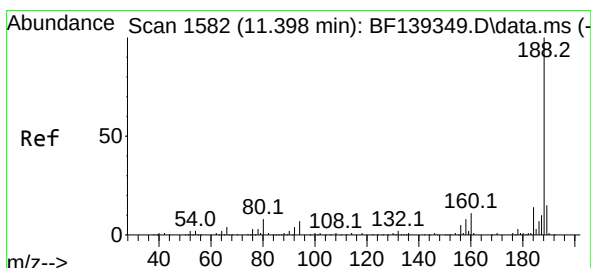
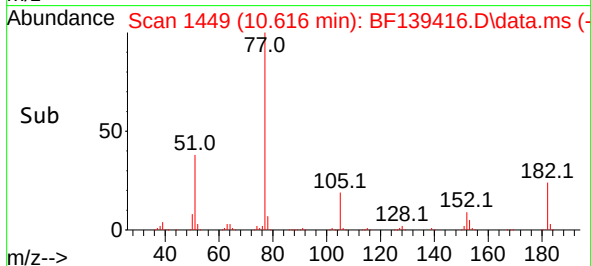
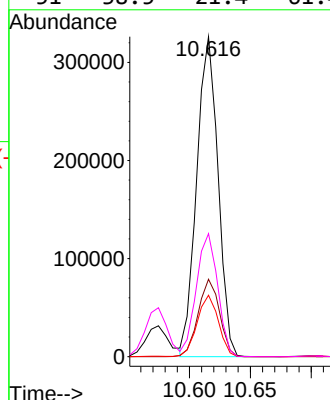
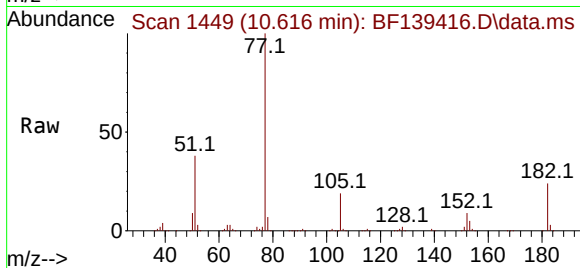
Ion Ratio Lower Upper

77 100

182 24.2 1.8 41.8

105 19.2 0.0 38.6

51 38.5 21.4 61.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.000 min

Lab File: BF139416.D

Acq: 18 Sep 2024 09:47

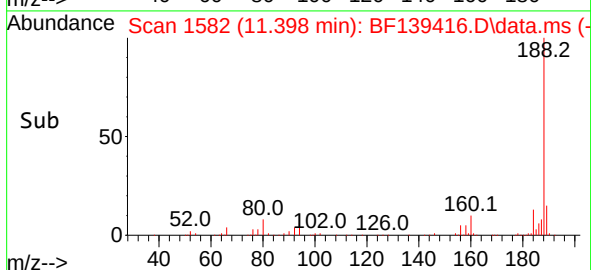
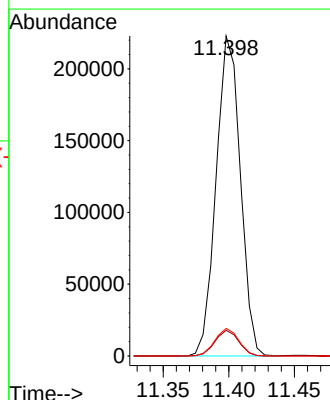
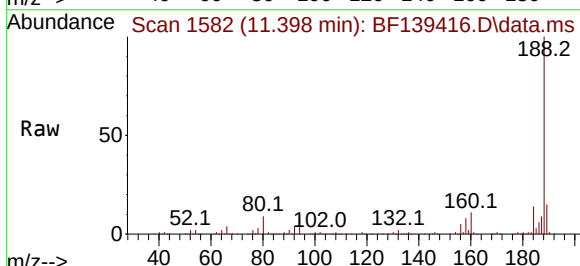
Tgt Ion:188 Resp: 286086

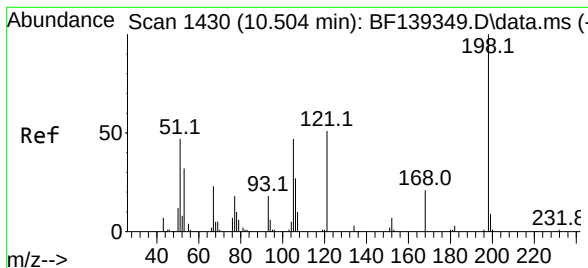
Ion Ratio Lower Upper

188 100

94 8.0 5.5 8.3

80 8.6 6.6 9.8

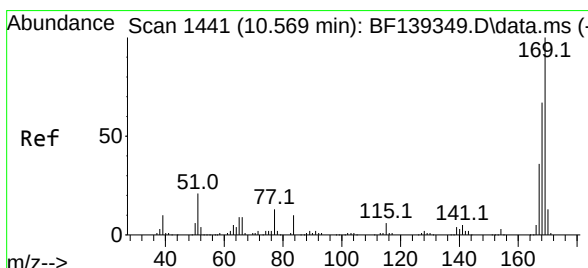
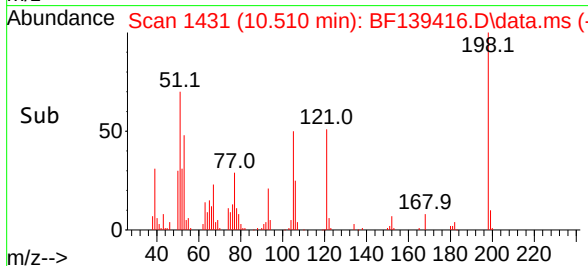
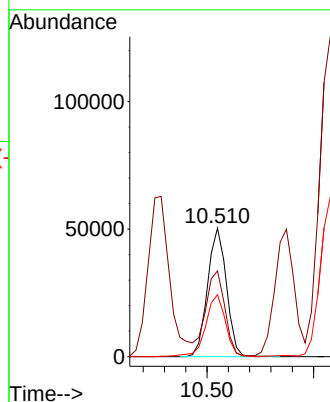
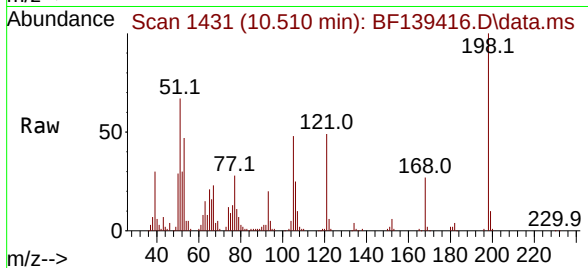




#65  
4,6-Dinitro-2-methylphenol  
Concen: 41.160 ng  
RT: 10.510 min Scan# 1431  
Delta R.T. 0.006 min  
Lab File: BF139416.D  
Acq: 18 Sep 2024 09:47

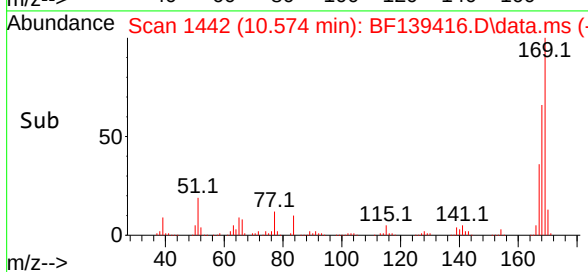
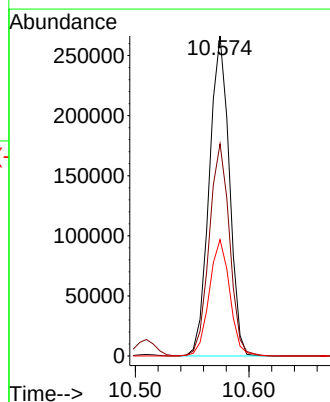
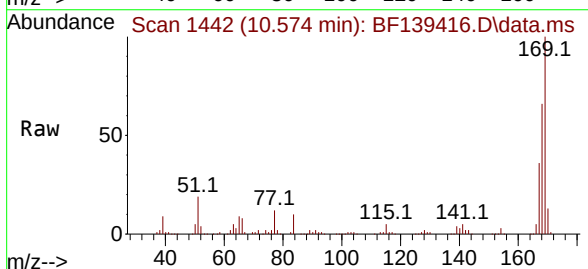
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

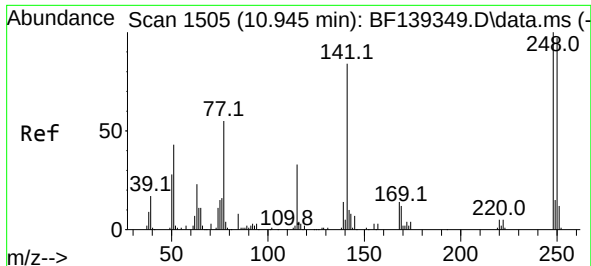
Tgt Ion:198 Resp: 62149  
Ion Ratio Lower Upper  
198 100  
51 66.7 50.4 90.4  
105 48.1 28.3 68.3



#66  
n-Nitrosodiphenylamine  
Concen: 38.955 ng  
RT: 10.574 min Scan# 1442  
Delta R.T. 0.006 min  
Lab File: BF139416.D  
Acq: 18 Sep 2024 09:47

Tgt Ion:169 Resp: 325828  
Ion Ratio Lower Upper  
169 100  
168 66.3 53.6 80.4  
167 36.4 28.7 43.1





#67

4-Bromophenyl-phenylether

Concen: 40.118 ng

RT: 10.945 min Scan# 1505

Delta R.T. -0.000 min

Lab File: BF139416.D

Acq: 18 Sep 2024 09:47

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

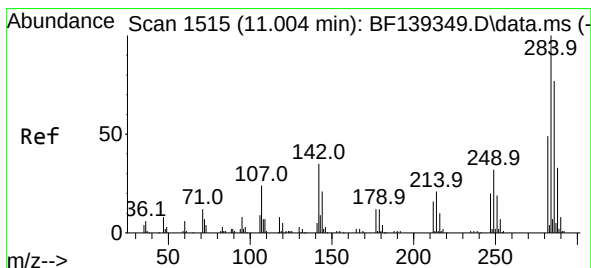
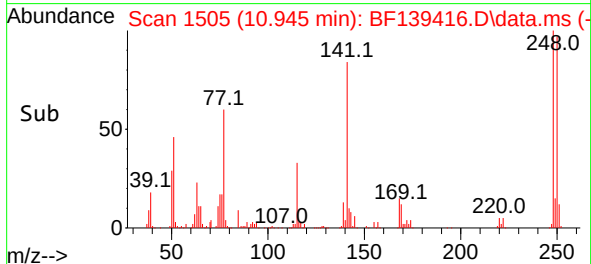
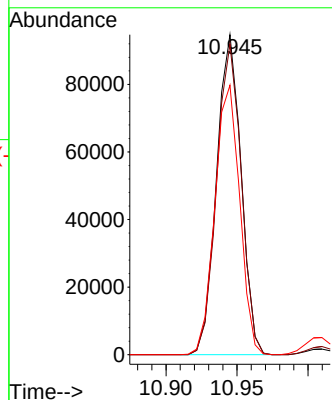
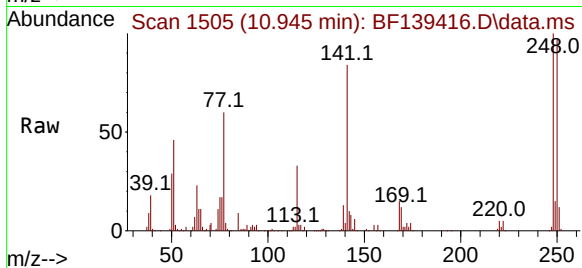
Tgt Ion:248 Resp: 113737

Ion Ratio Lower Upper

248 100

250 97.0 77.6 116.4

141 84.2 66.9 100.3



#68

Hexachlorobenzene

Concen: 38.501 ng

RT: 11.010 min Scan# 1516

Delta R.T. 0.006 min

Lab File: BF139416.D

Acq: 18 Sep 2024 09:47

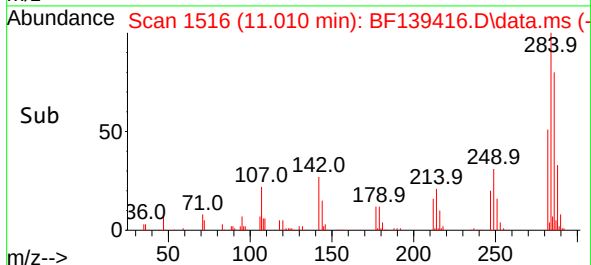
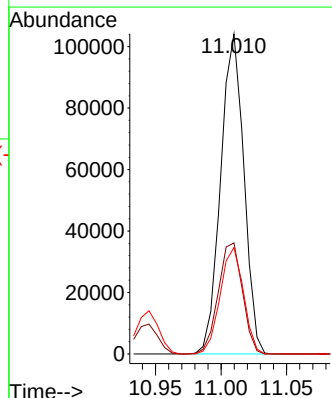
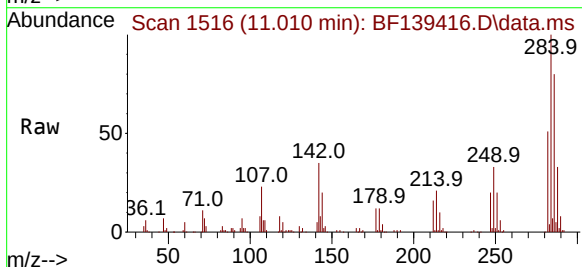
Tgt Ion:284 Resp: 128105

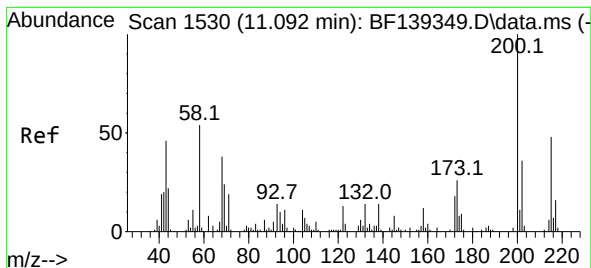
Ion Ratio Lower Upper

284 100

142 34.7 28.0 42.0

249 33.3 25.3 37.9





#69

Atrazine

Concen: 37.198 ng

RT: 11.098 min Scan# 1530

Delta R.T. 0.006 min

Lab File: BF139416.D

Acq: 18 Sep 2024 09:47

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

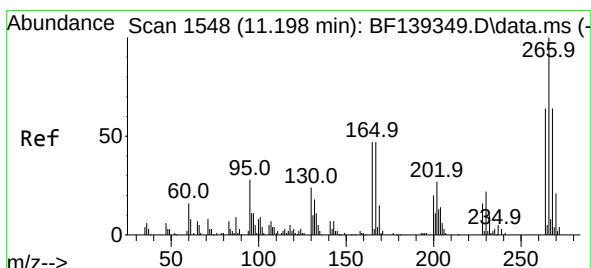
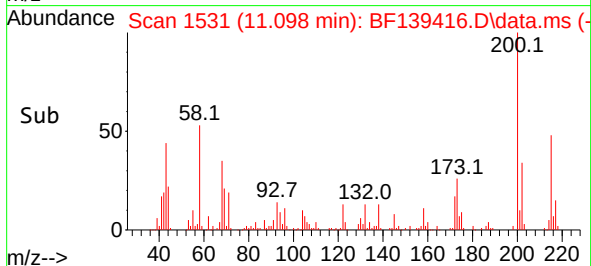
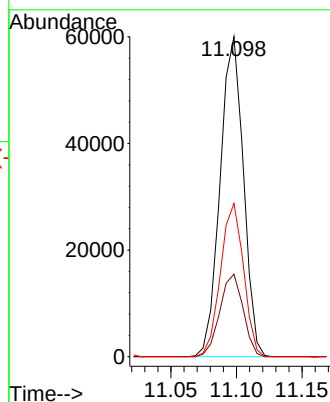
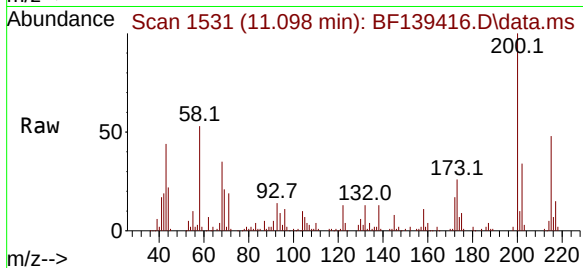
Tgt Ion:200 Resp: 74071

Ion Ratio Lower Upper

200 100

173 25.8 6.1 46.1

215 47.9 28.2 68.2



#70

Pentachlorophenol

Concen: 38.976 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.006 min

Lab File: BF139416.D

Acq: 18 Sep 2024 09:47

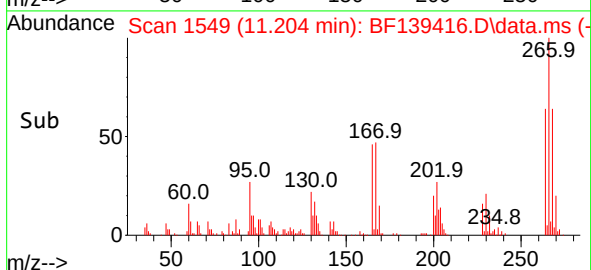
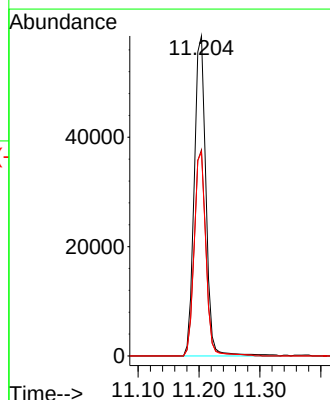
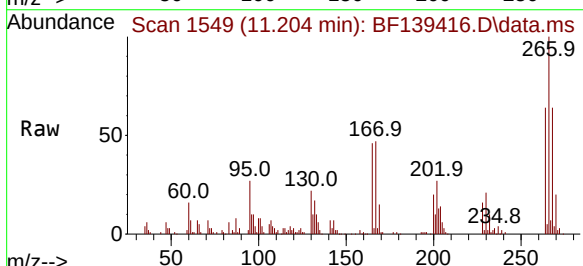
Tgt Ion:266 Resp: 77816

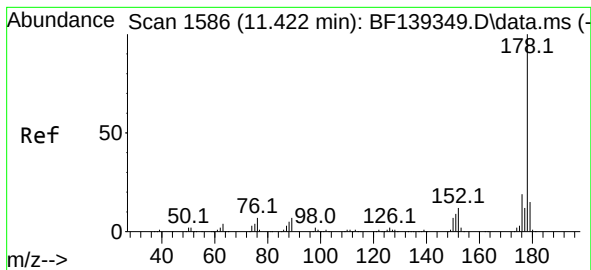
Ion Ratio Lower Upper

266 100

268 64.4 51.1 76.7

264 63.8 51.4 77.0





#71

Phenanthrene

Concen: 38.139 ng

RT: 11.427 min Scan# 1586

Delta R.T. 0.006 min

Lab File: BF139416.D

Acq: 18 Sep 2024 09:47

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

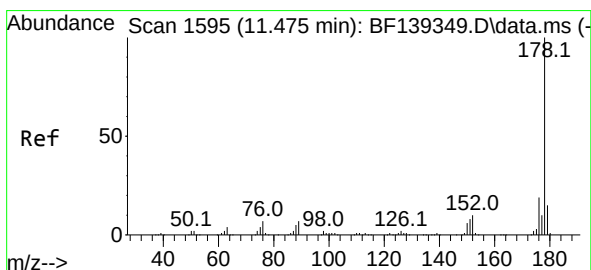
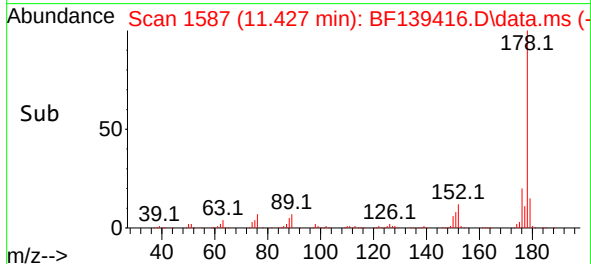
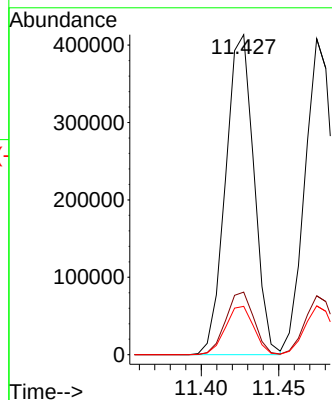
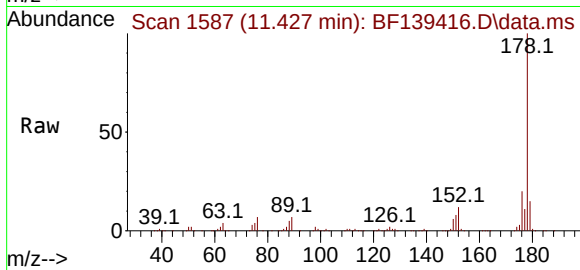
Tgt Ion:178 Resp: 526409

Ion Ratio Lower Upper

178 100

176 19.5 15.2 22.8

179 15.1 12.2 18.4



#72

Anthracene

Concen: 38.183 ng

RT: 11.474 min Scan# 1595

Delta R.T. -0.000 min

Lab File: BF139416.D

Acq: 18 Sep 2024 09:47

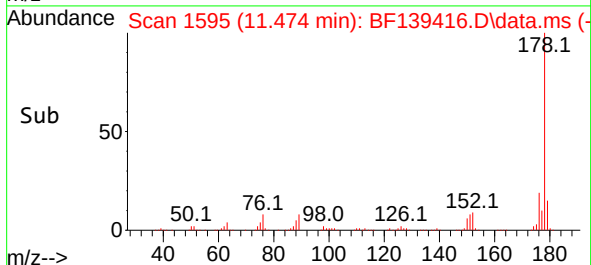
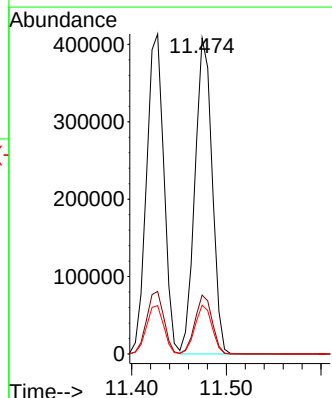
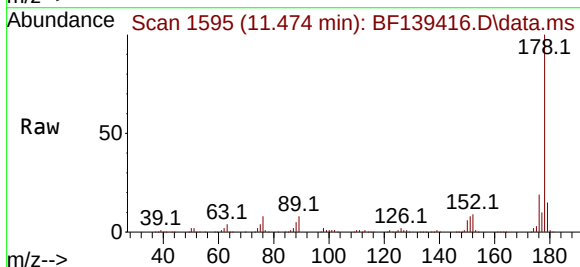
Tgt Ion:178 Resp: 515282

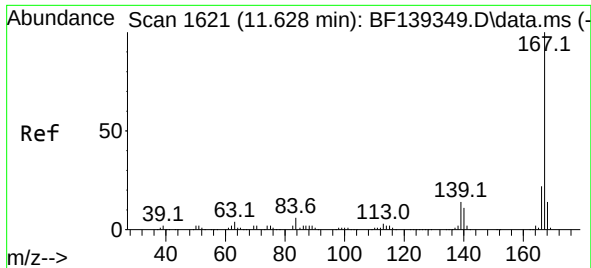
Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.6

179 15.4 12.0 18.0

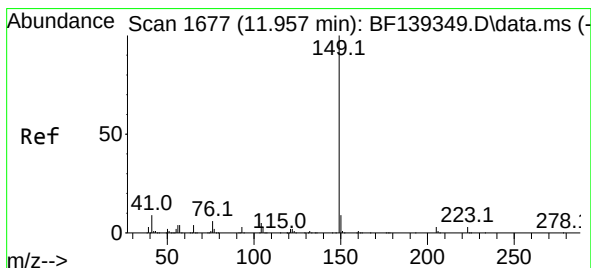
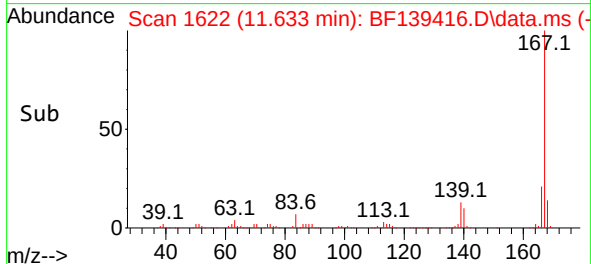
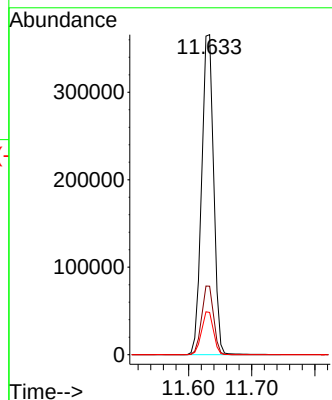
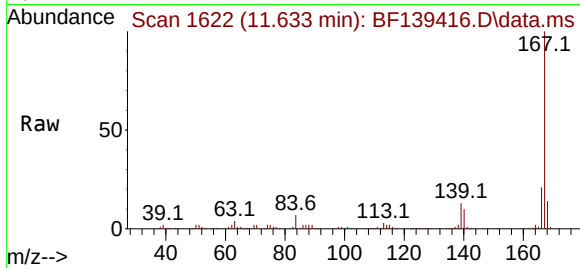




#73  
Carbazole  
Concen: 37.535 ng  
RT: 11.633 min Scan# 1  
Delta R.T. 0.006 min  
Lab File: BF139416.D  
Acq: 18 Sep 2024 09:47

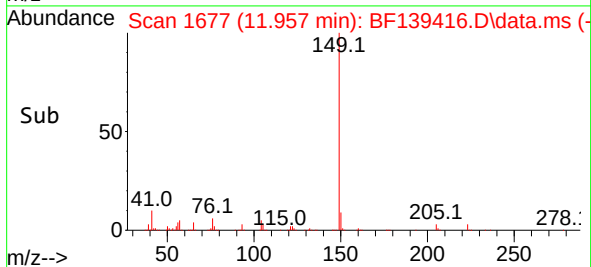
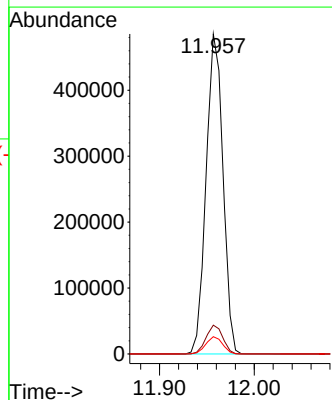
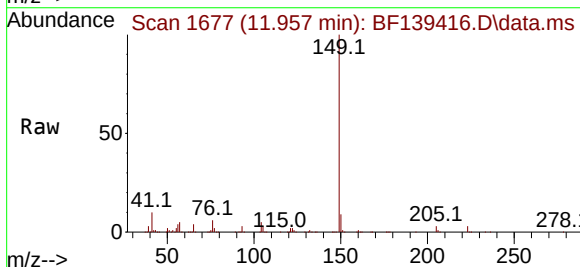
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:167 Resp: 484796  
Ion Ratio Lower Upper  
167 100  
166 21.4 17.5 26.3  
139 13.2 10.9 16.3

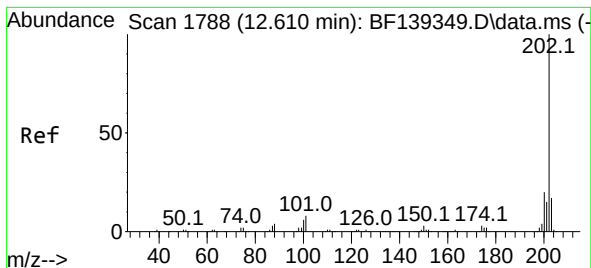


#74  
Di-n-butylphthalate  
Concen: 41.533 ng  
RT: 11.957 min Scan# 1677  
Delta R.T. -0.000 min  
Lab File: BF139416.D  
Acq: 18 Sep 2024 09:47

Tgt Ion:149 Resp: 597583  
Ion Ratio Lower Upper  
149 100  
150 9.0 7.3 10.9  
104 5.4 4.3 6.5



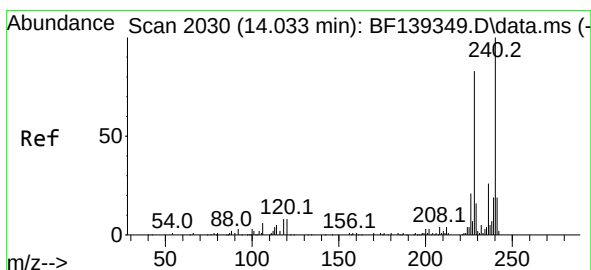
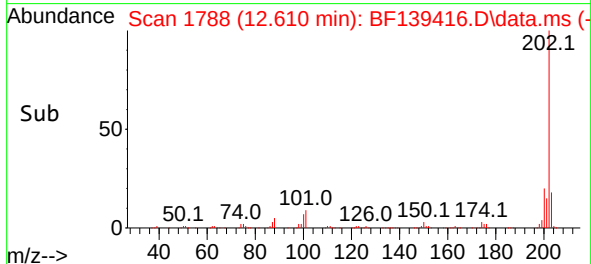
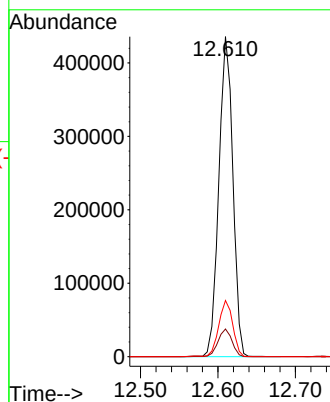
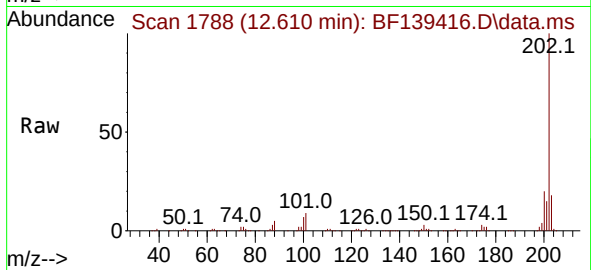




#75  
Fluoranthene  
Concen: 37.135 ng  
RT: 12.610 min Scan# 1788  
Delta R.T. -0.000 min  
Lab File: BF139416.D  
Acq: 18 Sep 2024 09:47

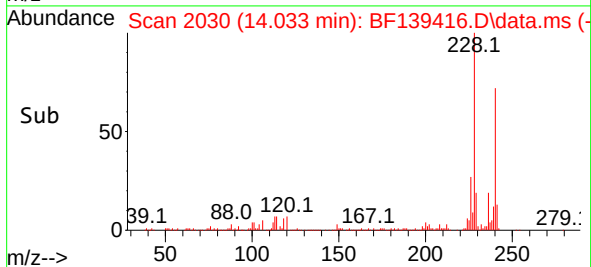
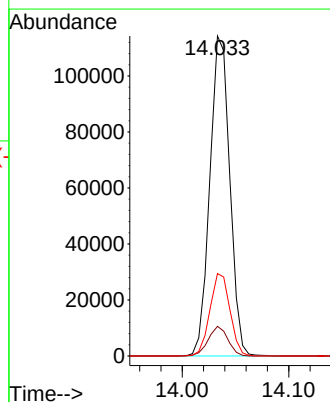
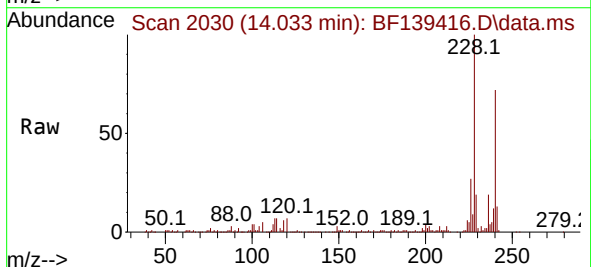
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

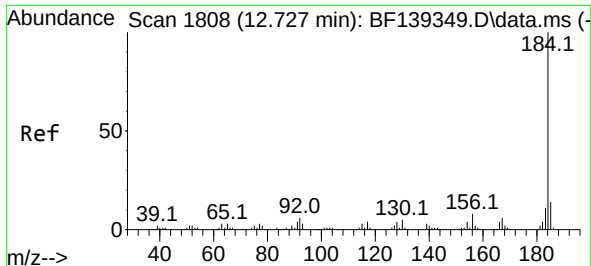
Tgt Ion:202 Resp: 547372  
Ion Ratio Lower Upper  
202 100  
101 8.7 0.0 27.7  
203 17.5 0.0 37.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.033 min Scan# 2030  
Delta R.T. -0.000 min  
Lab File: BF139416.D  
Acq: 18 Sep 2024 09:47

Tgt Ion:240 Resp: 148789  
Ion Ratio Lower Upper  
240 100  
120 9.3 6.2 9.2#  
236 25.8 20.9 31.3

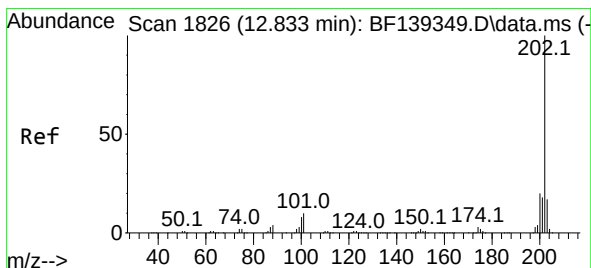
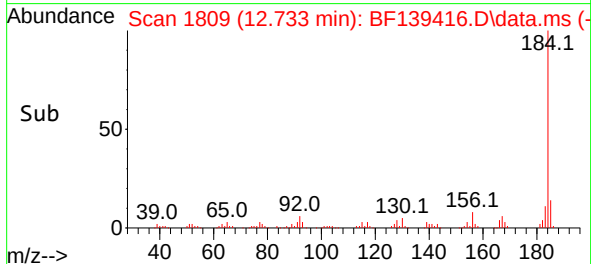
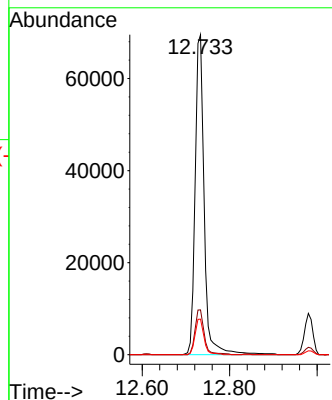
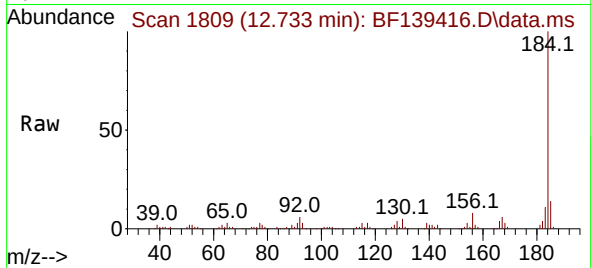




#77  
Benzidine  
Concen: 46.988 ng  
RT: 12.733 min Scan# 1809  
Delta R.T. 0.006 min  
Lab File: BF139416.D  
Acq: 18 Sep 2024 09:47

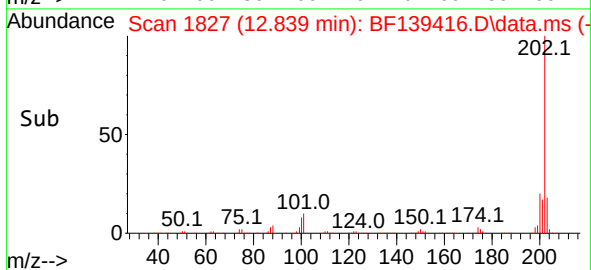
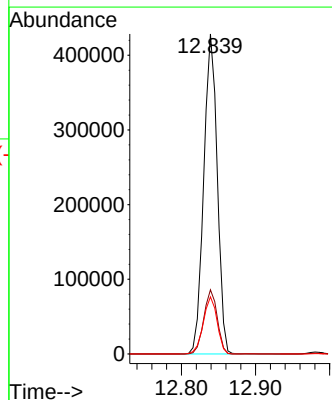
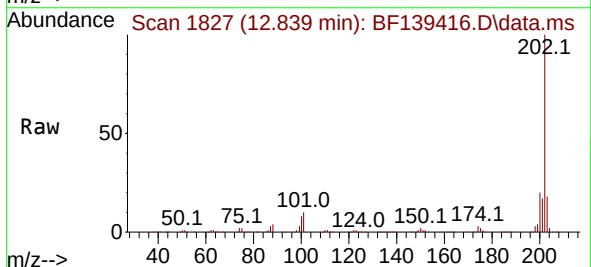
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

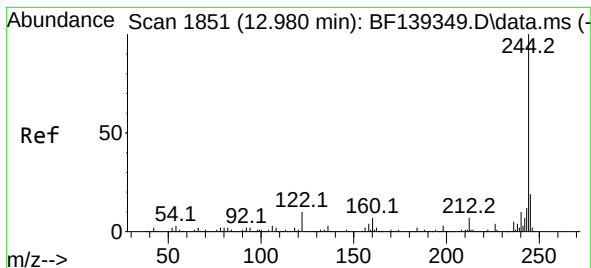
Tgt Ion:184 Resp: 100165  
Ion Ratio Lower Upper  
184 100  
185 14.0 11.5 17.3  
183 11.1 8.9 13.3



#78  
Pyrene  
Concen: 42.468 ng  
RT: 12.839 min Scan# 1827  
Delta R.T. 0.006 min  
Lab File: BF139416.D  
Acq: 18 Sep 2024 09:47

Tgt Ion:202 Resp: 542548  
Ion Ratio Lower Upper  
202 100  
200 20.1 16.2 24.2  
203 17.8 13.9 20.9





#79

Terphenyl-d14

Concen: 84.677 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.000 min

Lab File: BF139416.D

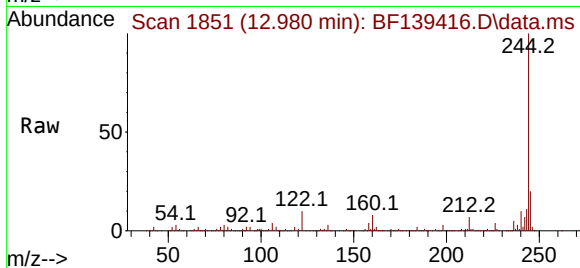
Acq: 18 Sep 2024 09:47

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



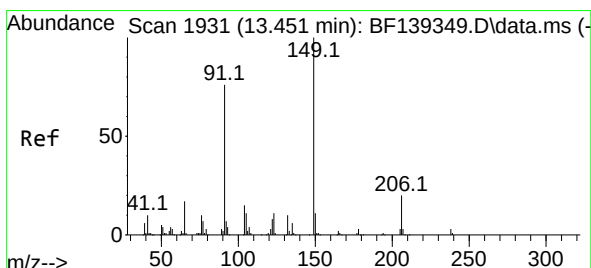
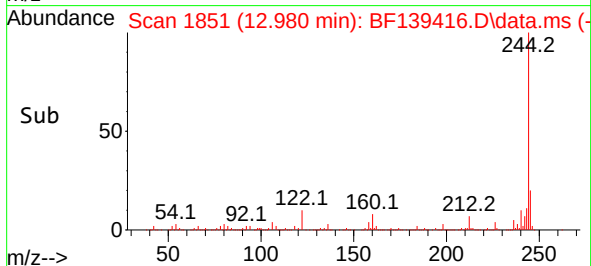
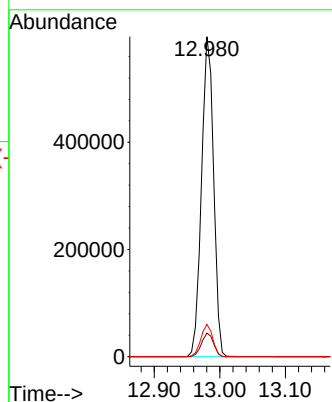
Tgt Ion:244 Resp: 767585

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 10.1 7.6 11.4



#80

Butylbenzylphthalate

Concen: 44.250 ng

RT: 13.457 min Scan# 1932

Delta R.T. 0.006 min

Lab File: BF139416.D

Acq: 18 Sep 2024 09:47

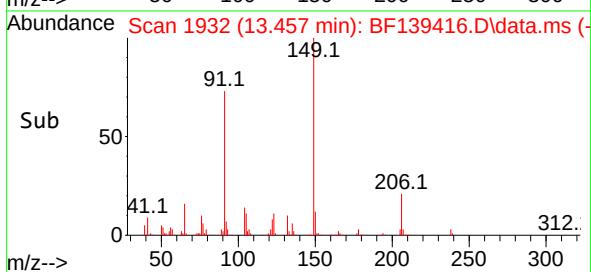
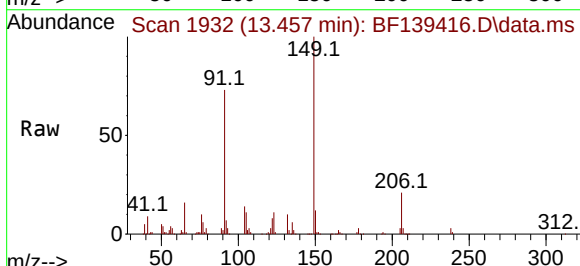
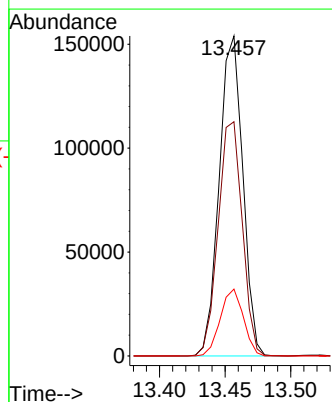
Tgt Ion:149 Resp: 192424

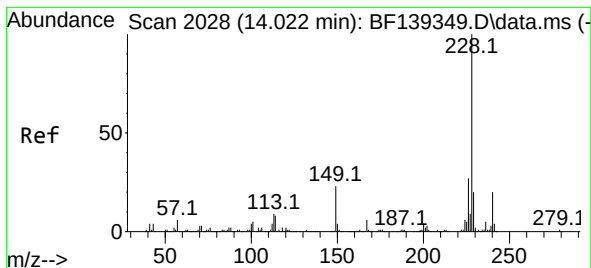
Ion Ratio Lower Upper

149 100

91 73.2 60.9 91.3

206 20.9 15.8 23.8





#81

Benzo(a)anthracene

Concen: 38.918 ng

RT: 14.021 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF139416.D

Acq: 18 Sep 2024 09:47

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

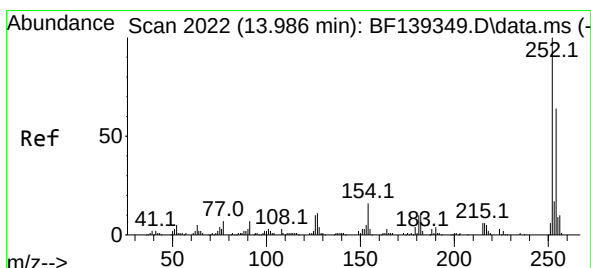
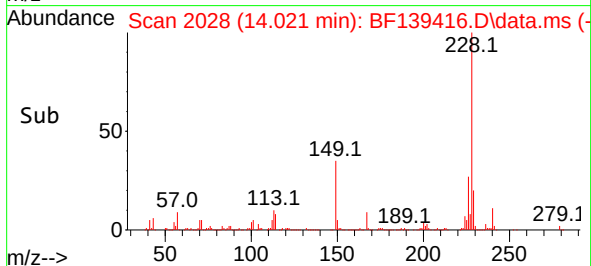
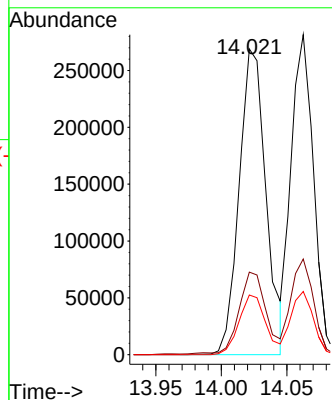
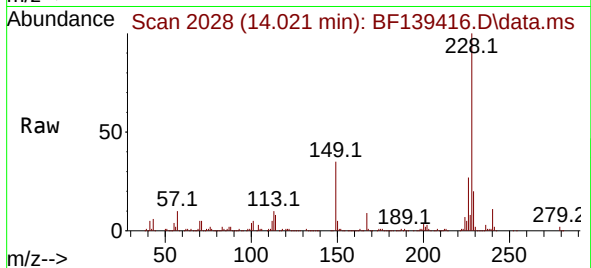
Tgt Ion:228 Resp: 383570

Ion Ratio Lower Upper

228 100

226 27.0 21.6 32.4

229 19.5 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 38.001 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.000 min

Lab File: BF139416.D

Acq: 18 Sep 2024 09:47

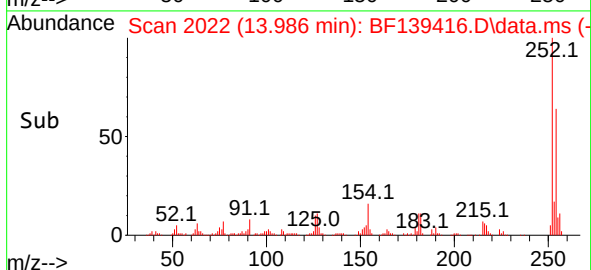
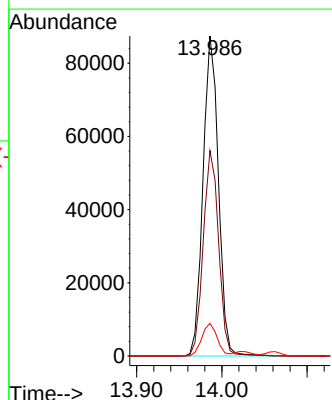
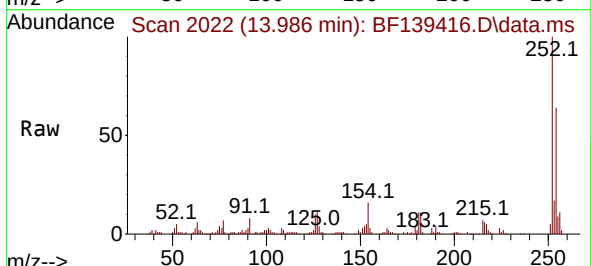
Tgt Ion:252 Resp: 109681

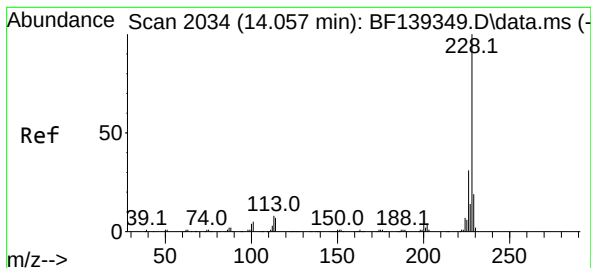
Ion Ratio Lower Upper

252 100

254 64.2 51.4 77.2

126 10.2 7.7 11.5





#83

Chrysene

Concen: 36.938 ng

RT: 14.063 min Scan# 2035

Delta R.T. 0.006 min

Lab File: BF139416.D

Acq: 18 Sep 2024 09:47

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

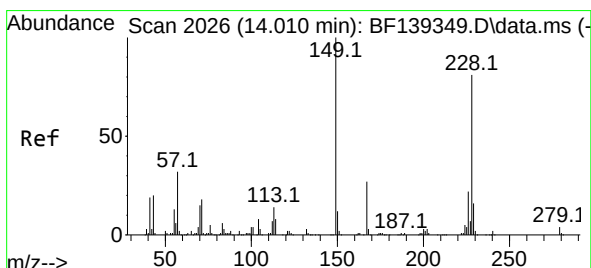
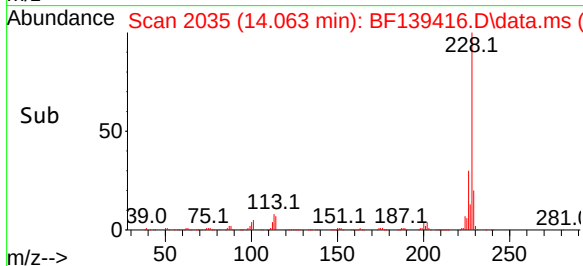
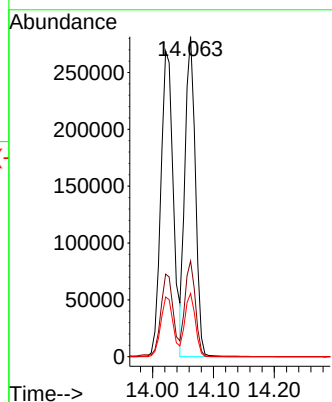
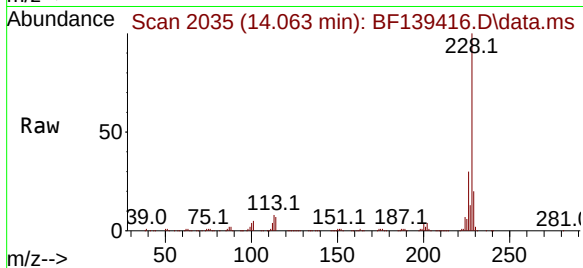
Tgt Ion:228 Resp: 334929

Ion Ratio Lower Upper

228 100

226 29.9 24.1 36.1

229 19.8 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.275 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF139416.D

Acq: 18 Sep 2024 09:47

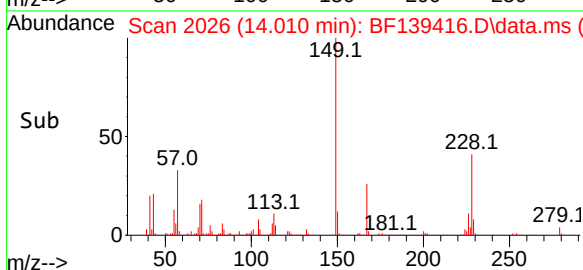
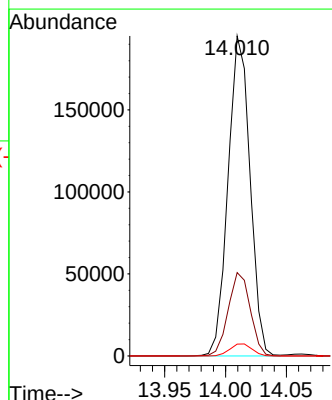
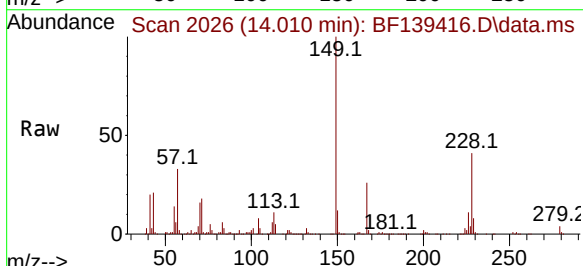
Tgt Ion:149 Resp: 244923

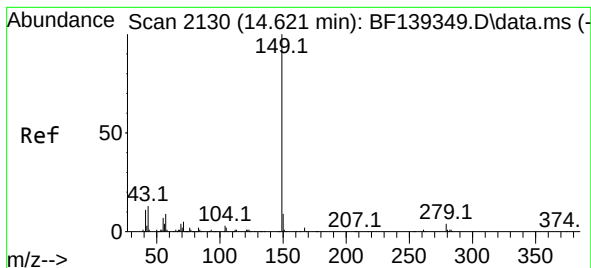
Ion Ratio Lower Upper

149 100

167 26.1 21.6 32.4

279 3.7 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 44.116 ng

RT: 14.621 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF139416.D

Acq: 18 Sep 2024 09:47

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

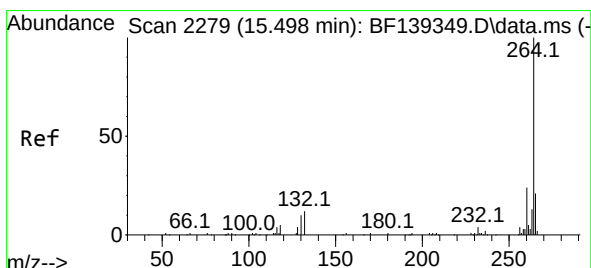
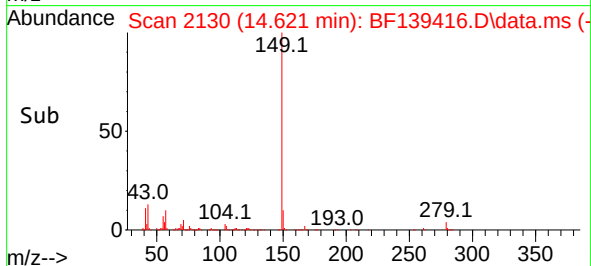
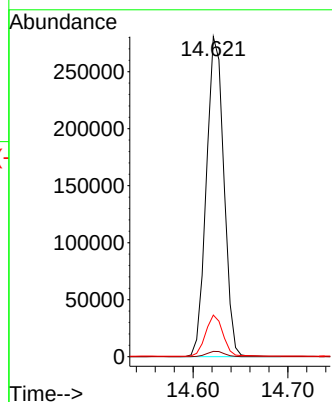
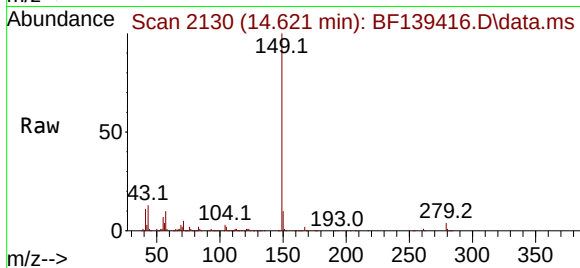
Tgt Ion:149 Resp: 359409

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 12.7 10.6 16.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 2280

Delta R.T. 0.006 min

Lab File: BF139416.D

Acq: 18 Sep 2024 09:47

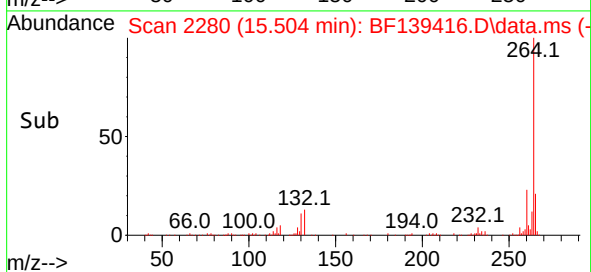
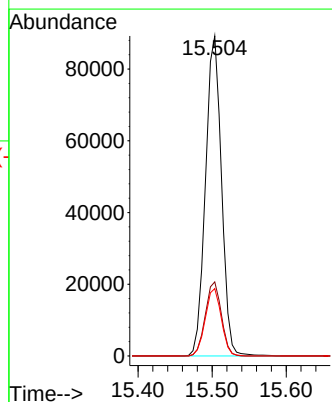
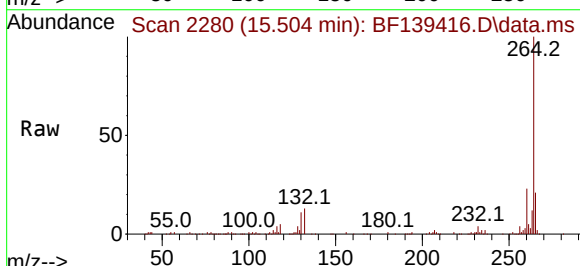
Tgt Ion:264 Resp: 133546

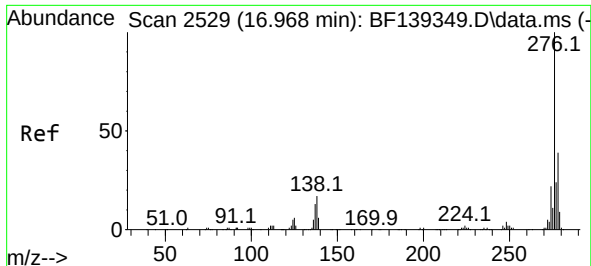
Ion Ratio Lower Upper

264 100

260 23.2 19.5 29.3

265 21.0 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.857 ng

RT: 16.980 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF139416.D

Acq: 18 Sep 2024 09:47

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

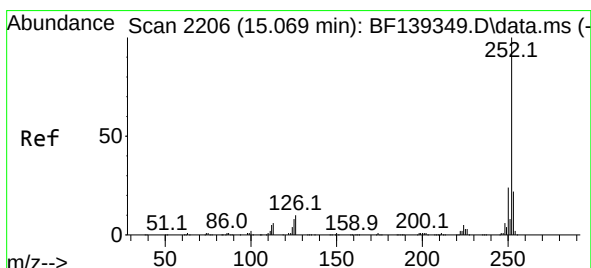
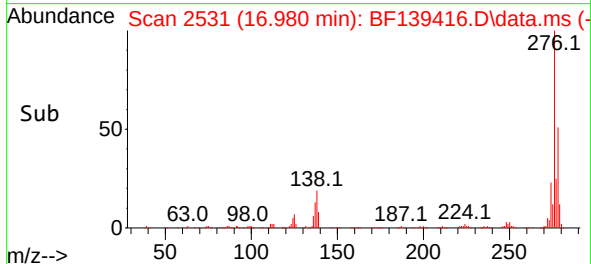
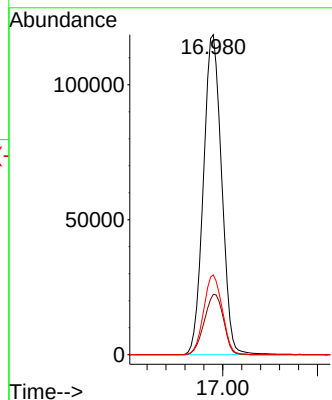
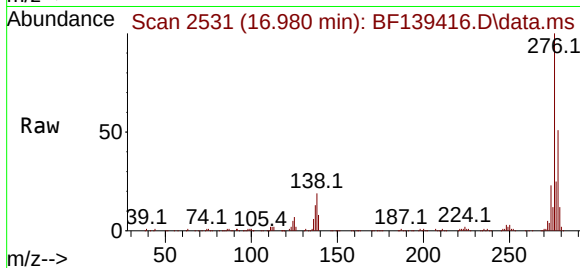
Tgt Ion:276 Resp: 316509

Ion Ratio Lower Upper

276 100

138 19.8 15.4 23.2

277 25.4 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 37.175 ng

RT: 15.074 min Scan# 2207

Delta R.T. 0.006 min

Lab File: BF139416.D

Acq: 18 Sep 2024 09:47

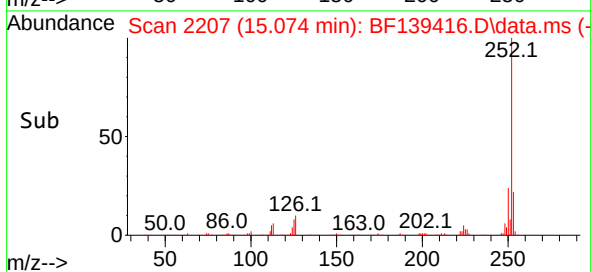
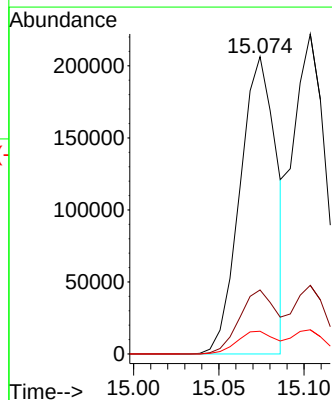
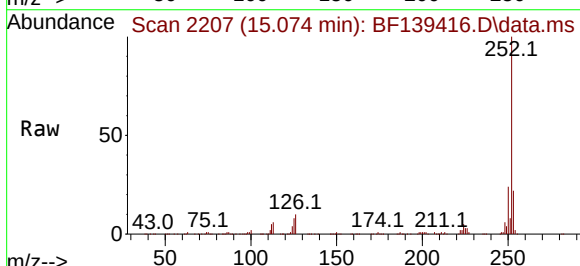
Tgt Ion:252 Resp: 306185

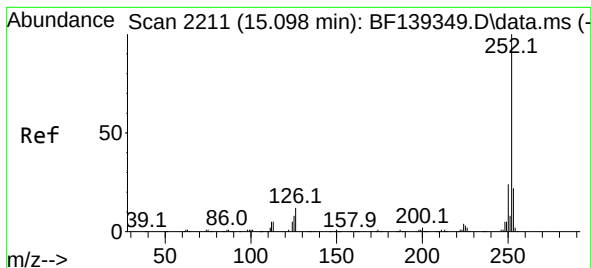
Ion Ratio Lower Upper

252 100

253 21.5 17.6 26.4

125 7.7 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 39.256 ng

RT: 15.104 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139416.D

Acq: 18 Sep 2024 09:47

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

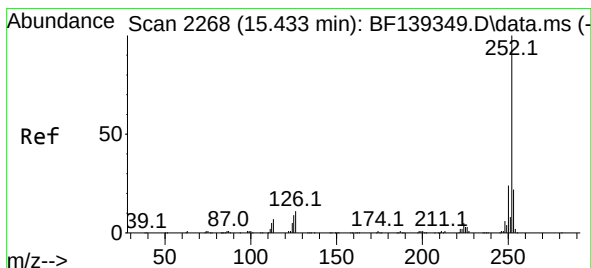
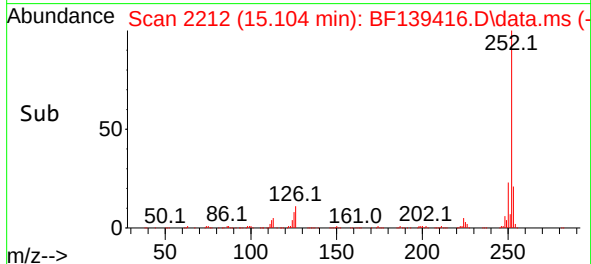
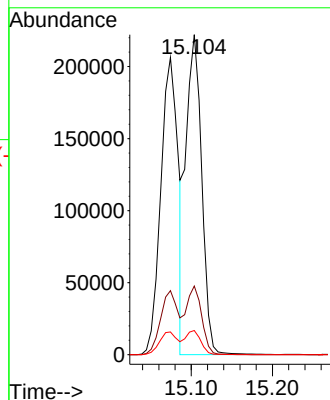
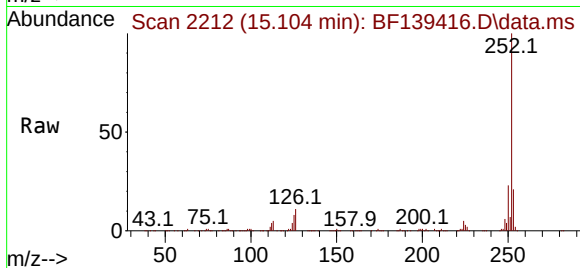
Tgt Ion:252 Resp: 298114

Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

125 7.5 5.9 8.9



#90

Benzo(a)pyrene

Concen: 38.590 ng

RT: 15.439 min Scan# 2269

Delta R.T. 0.006 min

Lab File: BF139416.D

Acq: 18 Sep 2024 09:47

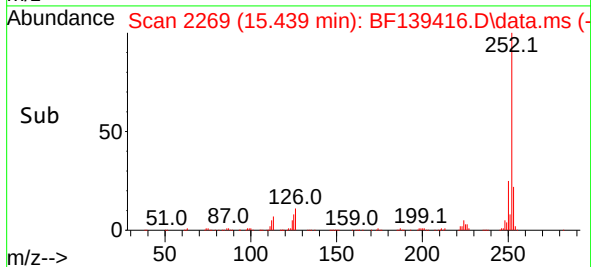
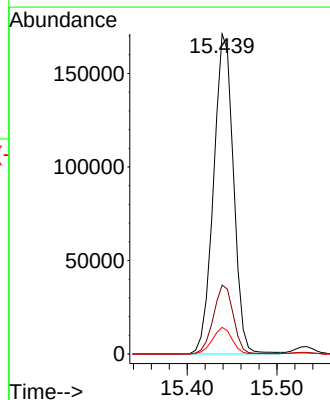
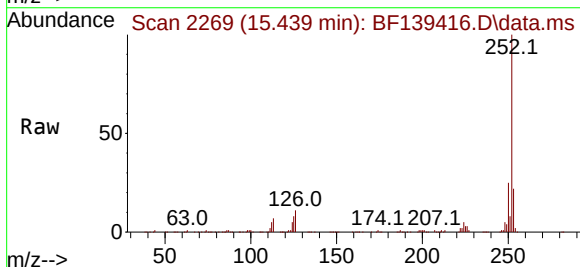
Tgt Ion:252 Resp: 263601

Ion Ratio Lower Upper

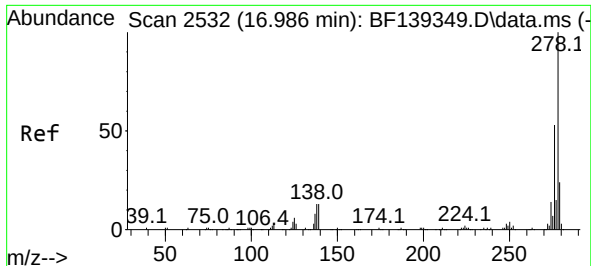
252 100

253 21.6 17.3 25.9

125 8.3 6.8 10.2



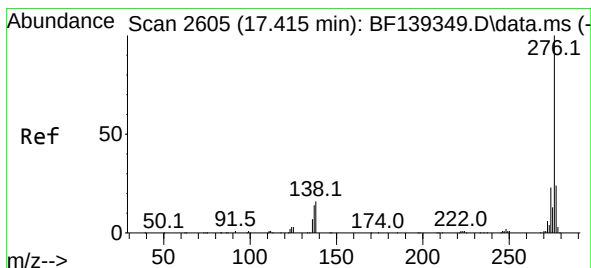
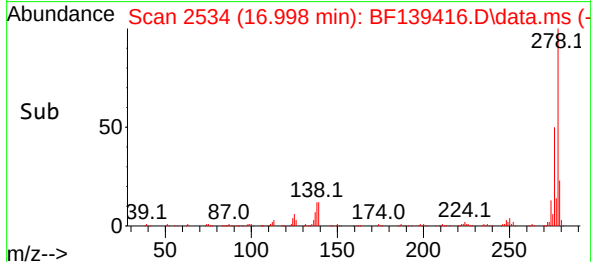
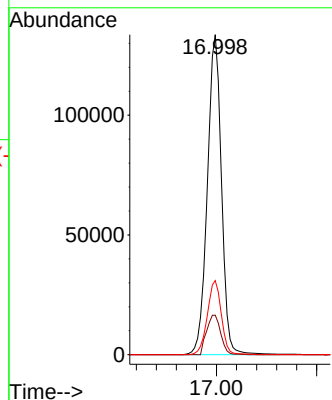
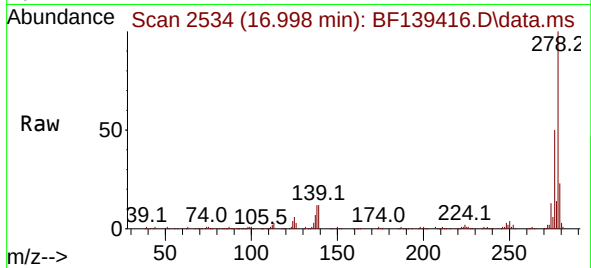




#91  
Dibenzo(a,h)anthracene  
Concen: 39.855 ng  
RT: 16.998 min Scan# 21  
Delta R.T. 0.012 min  
Lab File: BF139416.D  
Acq: 18 Sep 2024 09:47

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:278 Resp: 261521  
Ion Ratio Lower Upper  
278 100  
139 12.4 10.2 15.2  
279 23.2 18.9 28.3



#92  
Benzo(g,h,i)perylene  
Concen: 40.641 ng  
RT: 17.427 min Scan# 2607  
Delta R.T. 0.012 min  
Lab File: BF139416.D  
Acq: 18 Sep 2024 09:47

Tgt Ion:276 Resp: 264049  
Ion Ratio Lower Upper  
276 100  
277 23.4 18.9 28.3  
138 16.8 13.0 19.6

