

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091324\  
 Data File : BF139348.D  
 Acq On : 13 Sep 2024 15:57  
 Operator : RC/JU  
 Sample : SSTDICC020  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC020

Quant Time: Sep 14 02:15:37 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 02:10:24 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.875  | 152  | 50923    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.157  | 136  | 189834   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.910  | 164  | 105260   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.398 | 188  | 208290   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.027 | 240  | 135891   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.498 | 264  | 113195   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.487  | 112  | 128561   | 42.233 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.498  | 99   | 171089   | 42.101 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.439  | 82   | 164789   | 45.159 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.698 | 330  | 46306    | 50.945 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.233  | 172  | 310200   | 45.491 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.974 | 244  | 348294   | 41.382 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.663  | 88   | 26506    | 18.698 | ng    | 95       |
| 3) Pyridine                   | 3.410  | 79   | 60091    | 17.561 | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.357  | 42   | 49561    | 22.304 | ng    | 99       |
| 6) Aniline                    | 6.540  | 93   | 64899    | 17.367 | ng    | 97       |
| 8) 2-Chlorophenol             | 6.657  | 128  | 66453    | 21.064 | ng    | 97       |
| 9) Benzaldehyde               | 6.428  | 77   | 51506    | 20.939 | ng    | 99       |
| 10) Phenol                    | 6.516  | 94   | 87023    | 20.302 | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 6.610  | 93   | 60612    | 19.738 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.816  | 146  | 75121    | 21.037 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.892  | 146  | 77764    | 21.758 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 7.045  | 146  | 71860    | 21.557 | ng    | 99       |
| 15) Benzyl Alcohol            | 7.016  | 79   | 67807    | 22.880 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.151  | 45   | 104227   | 17.829 | ng    | 99       |
| 17) 2-Methylphenol            | 7.122  | 107  | 54852    | 21.285 | ng    | 96       |
| 18) Hexachloroethane          | 7.392  | 117  | 28758    | 22.529 | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 7.281  | 70   | 52195    | 22.301 | ng    | 97       |
| 20) 3+4-Methylphenols         | 7.275  | 107  | 71930    | 22.147 | ng    | 97       |
| 22) Acetophenone              | 7.287  | 105  | 101503   | 22.444 | ng    | 94       |
| 24) Nitrobenzene              | 7.457  | 77   | 83852    | 21.650 | ng    | 99       |
| 25) Isophorone                | 7.692  | 82   | 132546   | 21.246 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.775  | 139  | 32132    | 21.123 | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 7.804  | 122  | 43771    | 20.176 | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 7.904  | 93   | 73765    | 19.846 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.010  | 162  | 54056    | 20.810 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.098  | 180  | 63736    | 21.484 | ng    | 98       |
| 31) Naphthalene               | 8.181  | 128  | 198468   | 20.645 | ng    | 100      |
| 32) Benzoic acid              | 7.892  | 122  | 41479    | 20.990 | ng    | 97       |
| 33) 4-Chloroaniline           | 8.228  | 127  | 63412    | 19.050 | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.298  | 225  | 43255    | 23.009 | ng    | 98       |
| 35) Caprolactam               | 8.581  | 113  | 16927    | 21.049 | ng    | 98       |
| 36) 4-Chloro-3-methylphenol   | 8.704  | 107  | 63754    | 22.523 | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.869  | 142  | 129773   | 21.576 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.969  | 142  | 127098   | 21.486 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.034  | 216  | 63941    | 21.471 | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 9.022  | 237  | 23604    | 24.662 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.145  | 196  | 40837    | 20.958 | ng    | 99       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091324\  
 Data File : BF139348.D  
 Acq On : 13 Sep 2024 15:57  
 Operator : RC/JU  
 Sample : SSTDICC020  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC020

Quant Time: Sep 14 02:15:37 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 02:10:24 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.181  | 196  | 44874    | 21.977 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.333  | 154  | 164874   | 21.141 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.357  | 162  | 124318   | 21.111 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.451  | 65   | 45879    | 22.619 | ng    | 97       |
| 49) Acenaphthylene            | 9.775  | 152  | 189337   | 21.347 | ng    | 99       |
| 50) Dimethylphthalate         | 9.628  | 163  | 142488   | 22.334 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.692  | 165  | 31924    | 22.057 | ng    | 99       |
| 52) Acenaphthene              | 9.945  | 154  | 131194   | 22.302 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.857  | 138  | 32773    | 21.253 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 9.963  | 184  | 15677    | 25.295 | ng    | # 78     |
| 55) Dibenzofuran              | 10.116 | 168  | 182945   | 21.691 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.010 | 139  | 25626    | 22.515 | ng    | 99       |
| 57) 2,4-Dinitrotoluene        | 10.092 | 165  | 41181    | 22.355 | ng    | 95       |
| 58) Fluorene                  | 10.457 | 166  | 149842   | 22.915 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.228 | 232  | 38272    | 23.811 | ng    | 97       |
| 60) Diethylphthalate          | 10.328 | 149  | 147877   | 23.553 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.451 | 204  | 72779    | 23.079 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.469 | 138  | 36226    | 24.679 | ng    | 98       |
| 63) Azobenzene                | 10.610 | 77   | 144713   | 21.869 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.498 | 198  | 21797    | 22.648 | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 10.569 | 169  | 123420   | 20.356 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 10.939 | 248  | 41859    | 20.713 | ng    | 97       |
| 68) Hexachlorobenzene         | 11.004 | 284  | 47538    | 20.548 | ng    | 98       |
| 69) Atrazine                  | 11.092 | 200  | 29971    | 21.426 | ng    | 98       |
| 70) Pentachlorophenol         | 11.198 | 266  | 29804    | 22.302 | ng    | 100      |
| 71) Phenanthrene              | 11.422 | 178  | 206521   | 21.224 | ng    | 99       |
| 72) Anthracene                | 11.469 | 178  | 202170   | 21.269 | ng    | 99       |
| 73) Carbazole                 | 11.627 | 167  | 199586   | 22.466 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.957 | 149  | 223465   | 24.566 | ng    | 100      |
| 75) Fluoranthene              | 12.604 | 202  | 236740   | 24.268 | ng    | 100      |
| 77) Benzidine                 | 12.727 | 184  | 35663    | 13.034 | ng    | 97       |
| 78) Pyrene                    | 12.833 | 202  | 243332   | 18.536 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.451 | 149  | 85593    | 27.698 | ng    | 99       |
| 81) Benzo(a)anthracene        | 14.021 | 228  | 190760   | 21.984 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.980 | 252  | 53835    | 23.362 | ng    | 99       |
| 83) Chrysene                  | 14.057 | 228  | 163920   | 20.240 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.010 | 149  | 110906   | 30.577 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.621 | 149  | 146208   | 21.054 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 16.957 | 276  | 133029   | 18.812 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.063 | 252  | 150795   | 23.132 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.092 | 252  | 125290   | 21.436 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.433 | 252  | 116755   | 21.093 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.980 | 278  | 110187   | 18.908 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.404 | 276  | 110255   | 18.329 | ng    | 99       |

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

Quant Time: Sep 14 02:15:37 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 02:10:24 2024  
Response via : Initial Calibration

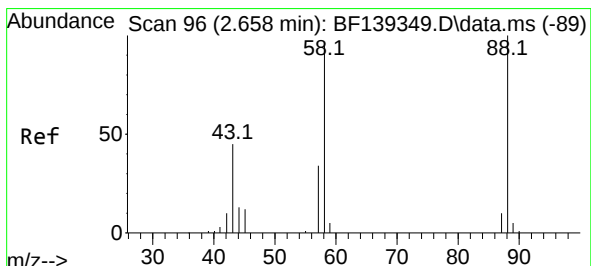
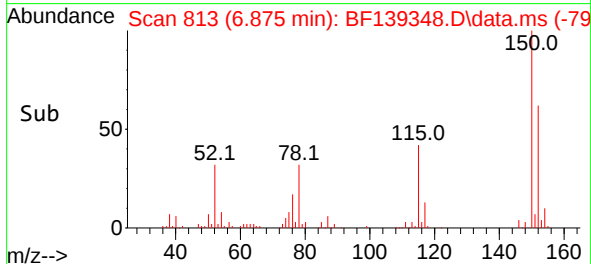
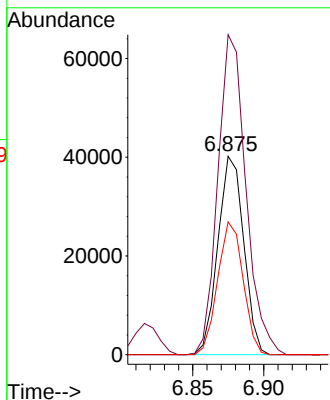
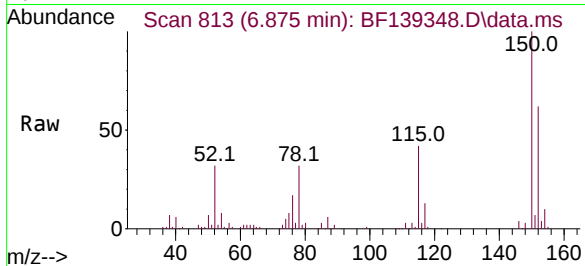




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.875 min Scan# 81  
 Delta R.T. -0.006 min  
 Lab File: BF139348.D  
 Acq: 13 Sep 2024 15:57

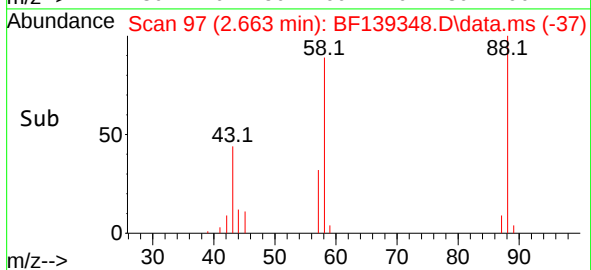
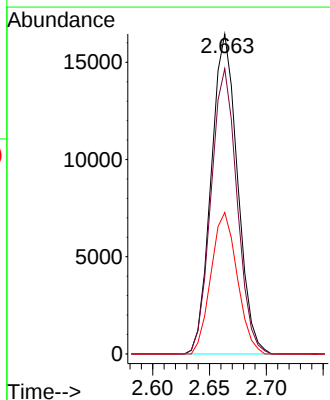
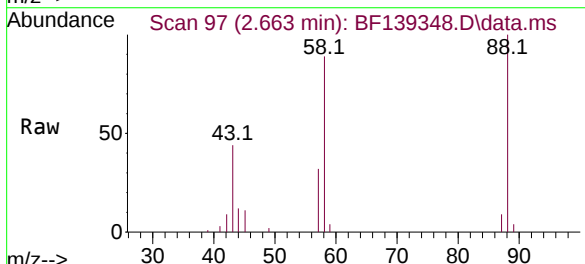
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC020

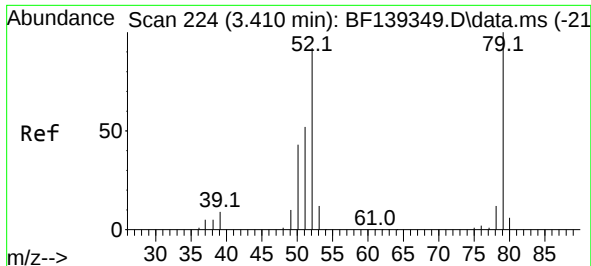
Tgt Ion:152 Resp: 50923  
 Ion Ratio Lower Upper  
 152 100  
 150 161.3 124.1 186.1  
 115 67.0 48.1 72.1



#2  
 1,4-Dioxane  
 Concen: 18.698 ng  
 RT: 2.663 min Scan# 97  
 Delta R.T. 0.006 min  
 Lab File: BF139348.D  
 Acq: 13 Sep 2024 15:57

Tgt Ion: 88 Resp: 26506  
 Ion Ratio Lower Upper  
 88 100  
 58 88.1 74.8 112.2  
 43 44.0 36.4 54.6





#3

Pyridine

Concen: 17.561 ng

RT: 3.410 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

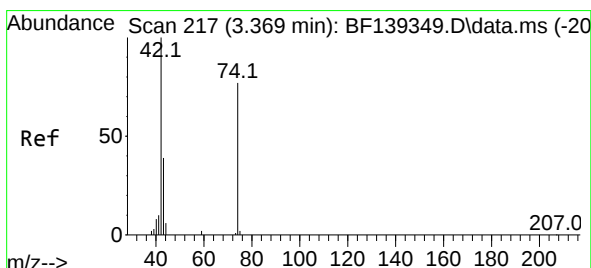
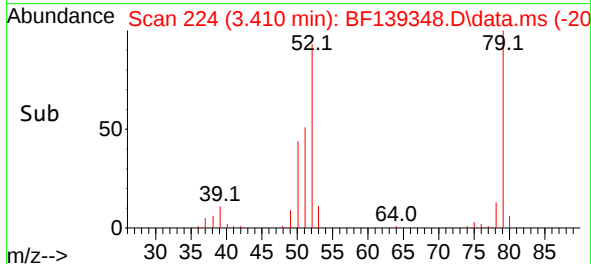
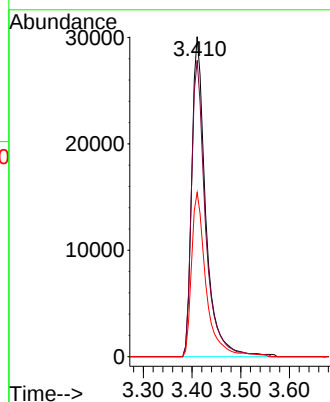
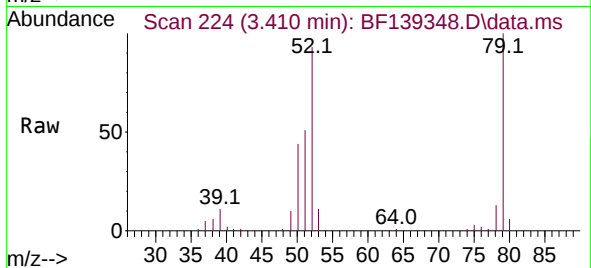
Tgt Ion: 79 Resp: 60091

Ion Ratio Lower Upper

79 100

52 92.6 73.8 110.8

51 51.3 41.8 62.6



#4

n-Nitrosodimethylamine

Concen: 22.304 ng

RT: 3.357 min Scan# 215

Delta R.T. -0.012 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

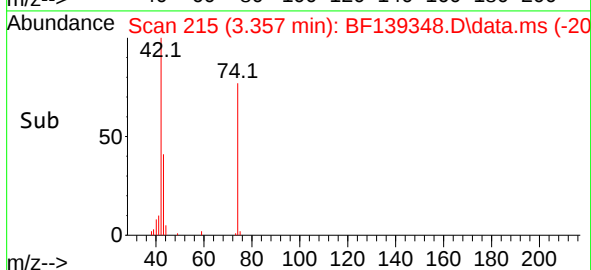
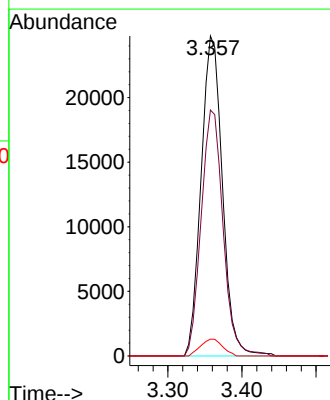
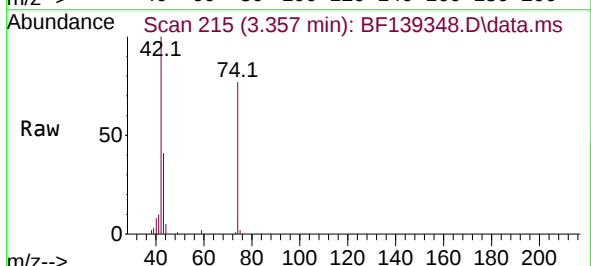
Tgt Ion: 42 Resp: 49561

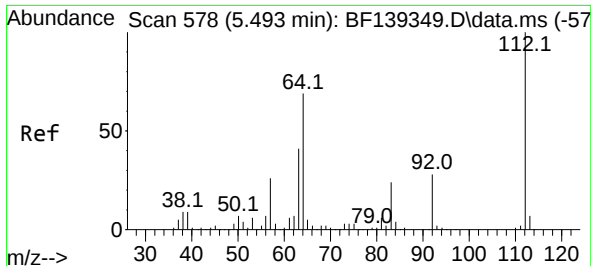
Ion Ratio Lower Upper

42 100

74 76.9 61.8 92.8

44 5.2 4.8 7.2

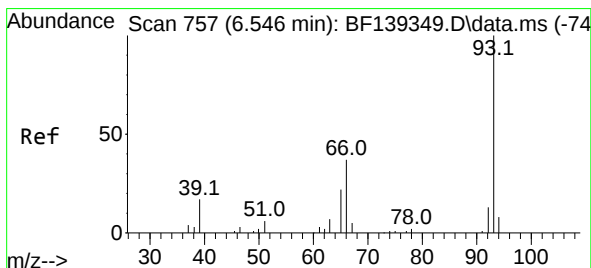
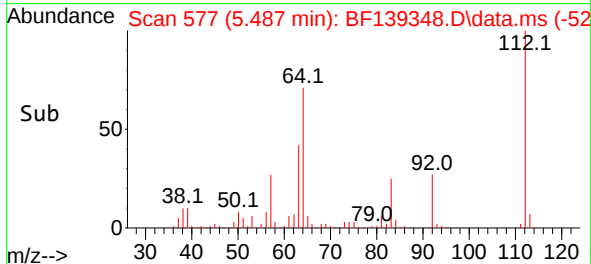
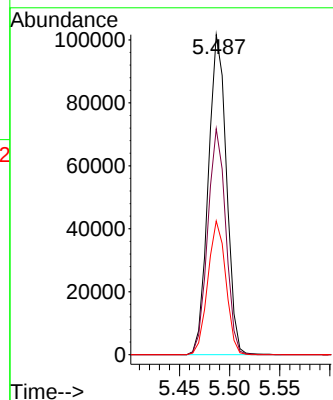
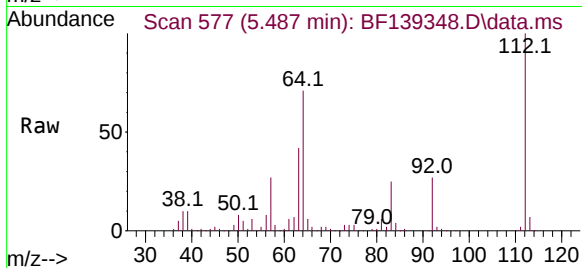




#5  
2-Fluorophenol  
Concen: 42.233 ng  
RT: 5.487 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: BF139348.D  
Acq: 13 Sep 2024 15:57

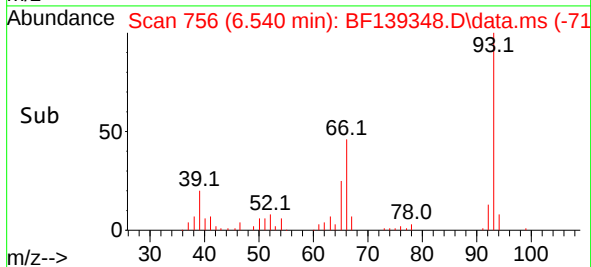
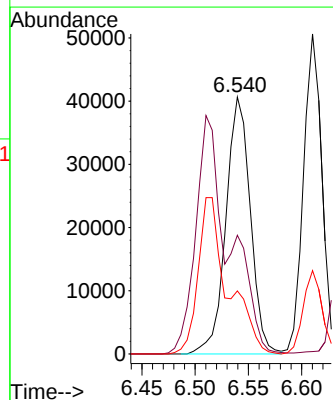
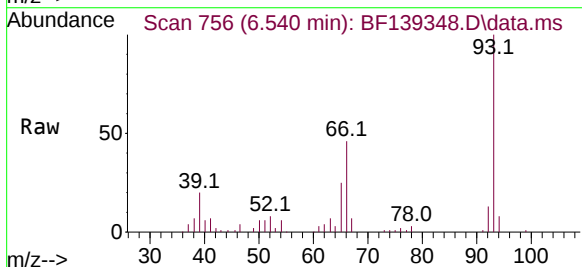
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

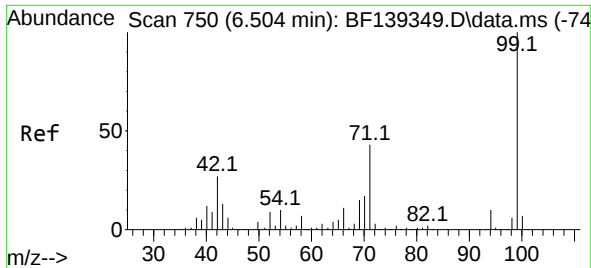
Tgt Ion:112 Resp: 128561  
Ion Ratio Lower Upper  
112 100  
64 70.6 54.8 82.2  
63 41.8 33.0 49.4



#6  
Aniline  
Concen: 17.367 ng  
RT: 6.540 min Scan# 756  
Delta R.T. -0.030 min  
Lab File: BF139348.D  
Acq: 13 Sep 2024 15:57

Tgt Ion: 93 Resp: 64899  
Ion Ratio Lower Upper  
93 100  
66 46.2 35.4 53.0  
65 24.5 18.2 27.4

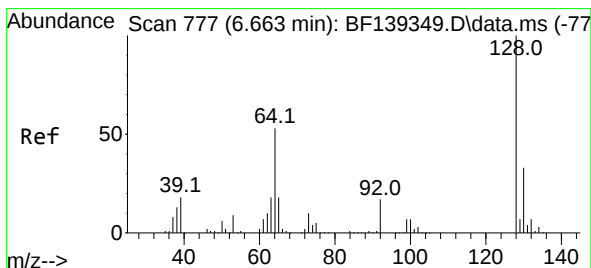
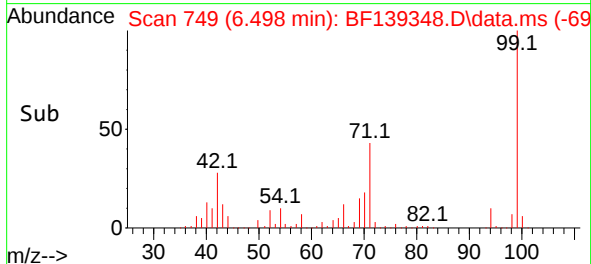
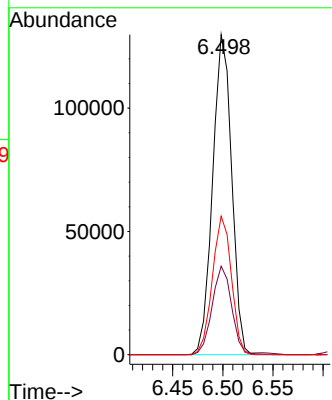
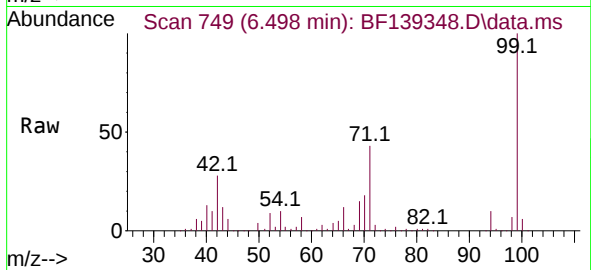




#7  
Phenol-d6  
Concen: 42.101 ng  
RT: 6.498 min Scan# 749  
Delta R.T. -0.006 min  
Lab File: BF139348.D  
Acq: 13 Sep 2024 15:57

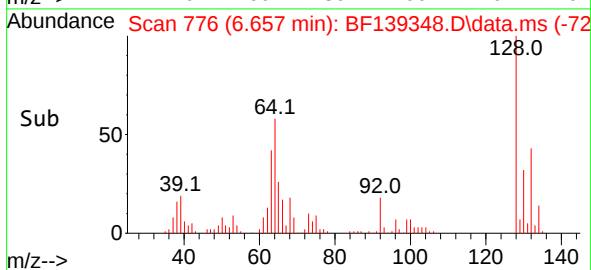
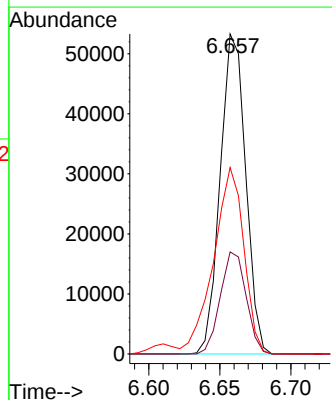
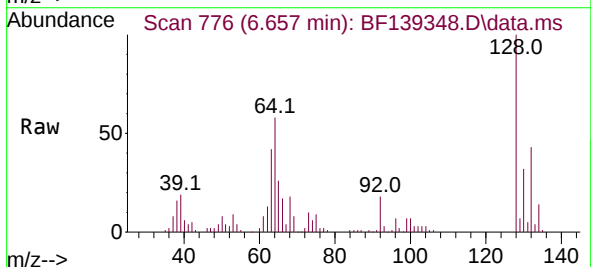
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

Tgt Ion: 99 Resp: 171089  
Ion Ratio Lower Upper  
99 100  
42 27.7 21.9 32.9  
71 43.3 34.6 52.0



#8  
2-Chlorophenol  
Concen: 21.064 ng  
RT: 6.657 min Scan# 776  
Delta R.T. -0.006 min  
Lab File: BF139348.D  
Acq: 13 Sep 2024 15:57

Tgt Ion: 128 Resp: 66453  
Ion Ratio Lower Upper  
128 100  
130 31.9 12.8 52.8  
64 58.3 35.1 75.1





#9

Benzaldehyde

Concen: 20.939 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

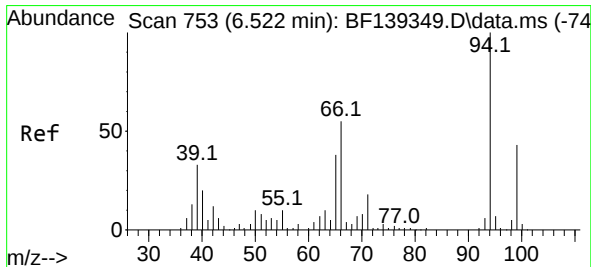
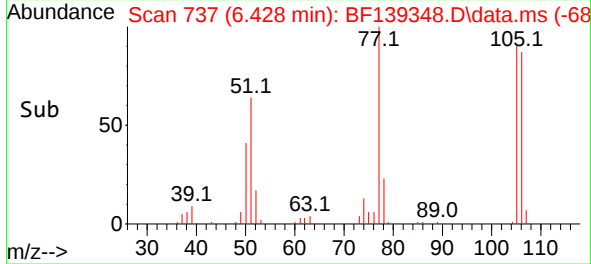
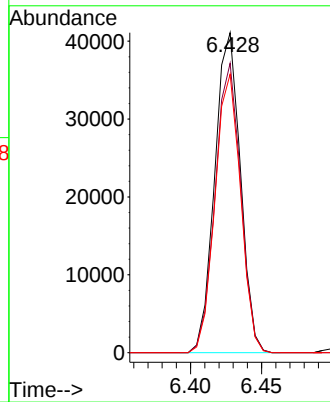
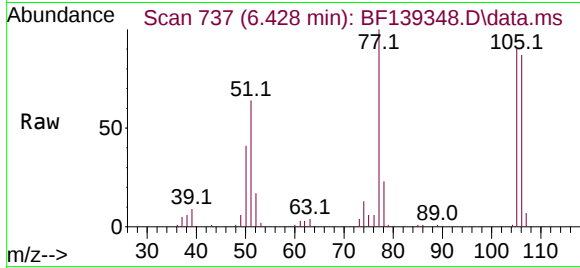
Tgt Ion: 77 Resp: 51506

Ion Ratio Lower Upper

77 100

105 90.4 71.0 111.0

106 87.1 64.9 104.9



#10

Phenol

Concen: 20.302 ng

RT: 6.516 min Scan# 752

Delta R.T. -0.006 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

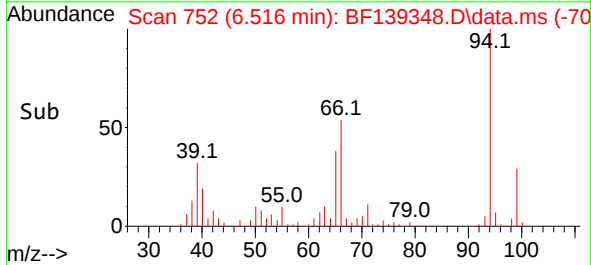
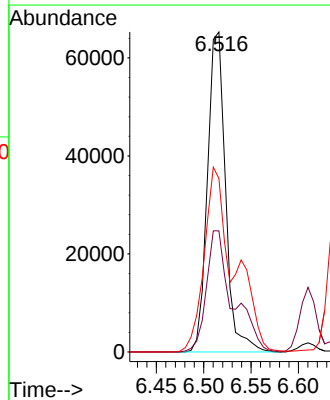
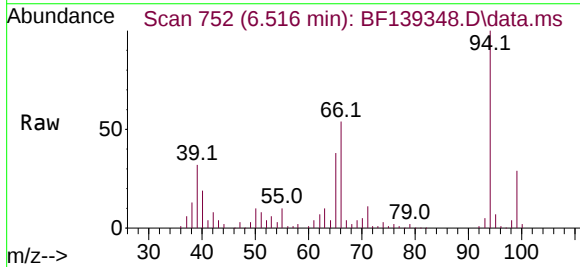
Tgt Ion: 94 Resp: 87023

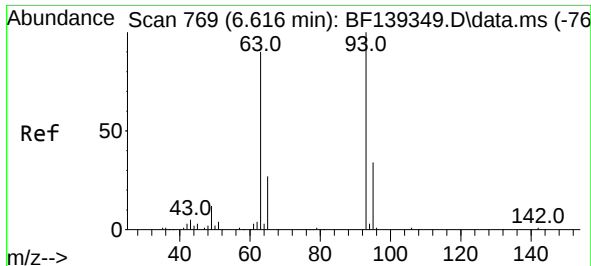
Ion Ratio Lower Upper

94 100

65 37.9 17.6 57.6

66 54.2 35.2 75.2

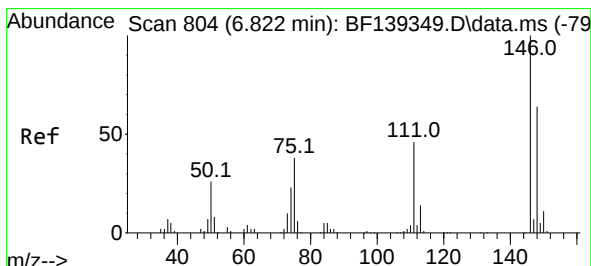
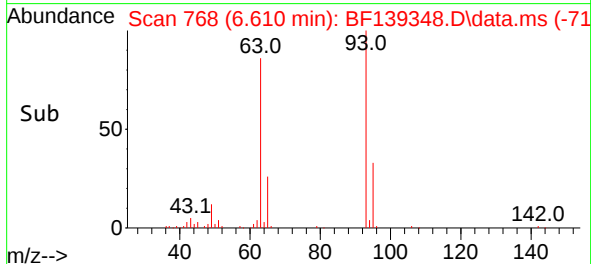
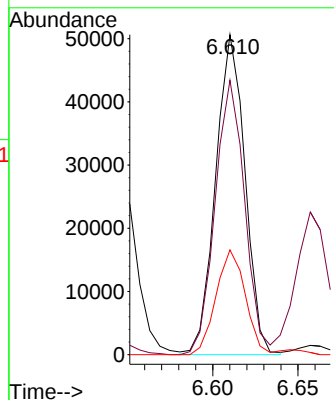
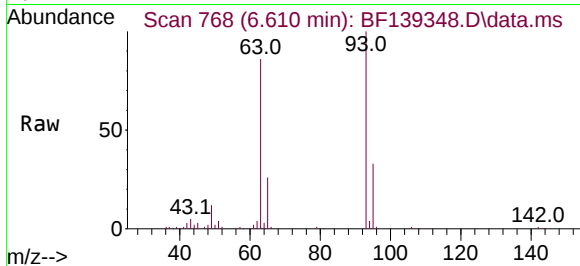




#11  
bis(2-Chloroethyl)ether  
Concen: 19.738 ng  
RT: 6.610 min Scan# 768  
Delta R.T. -0.006 min  
Lab File: BF139348.D  
Acq: 13 Sep 2024 15:57

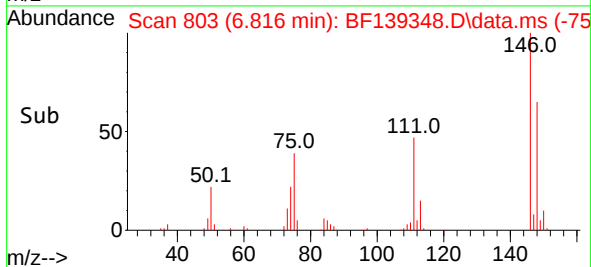
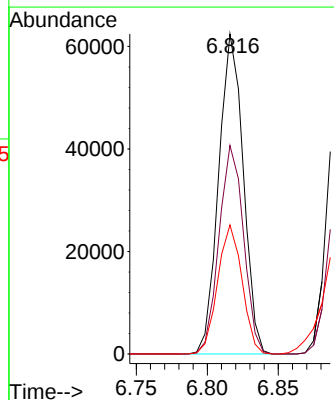
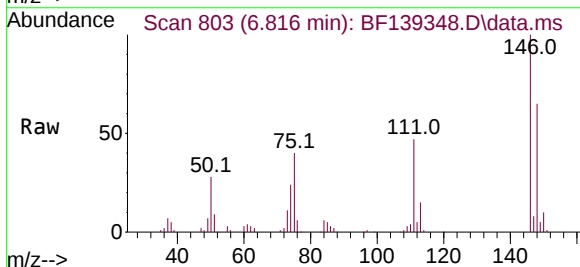
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

Tgt Ion: 93 Resp: 60612  
Ion Ratio Lower Upper  
93 100  
63 85.7 65.3 105.3  
95 32.8 12.4 52.4



#12  
1,3-Dichlorobenzene  
Concen: 21.037 ng  
RT: 6.816 min Scan# 803  
Delta R.T. -0.006 min  
Lab File: BF139348.D  
Acq: 13 Sep 2024 15:57

Tgt Ion: 146 Resp: 75121  
Ion Ratio Lower Upper  
146 100  
148 65.1 51.2 76.8  
75 40.3 30.6 46.0

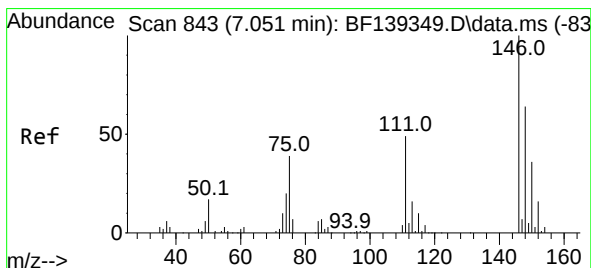
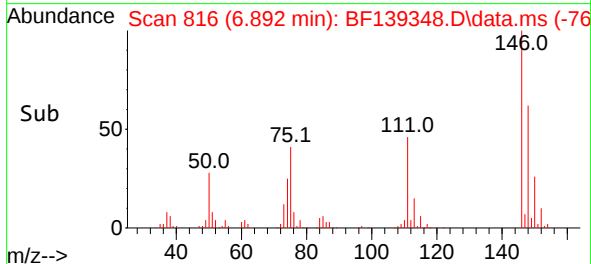
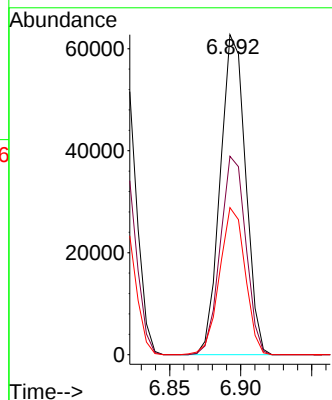
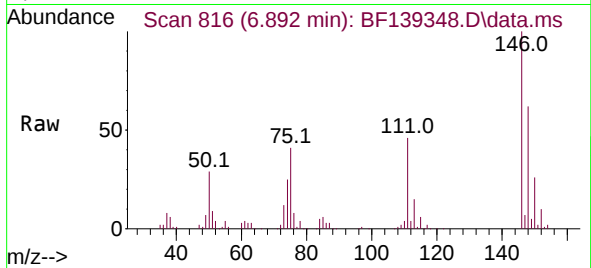




#13  
1,4-Dichlorobenzene  
Concen: 21.758 ng  
RT: 6.892 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF139348.D  
Acq: 13 Sep 2024 15:57

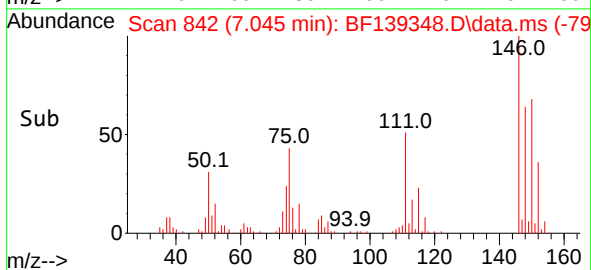
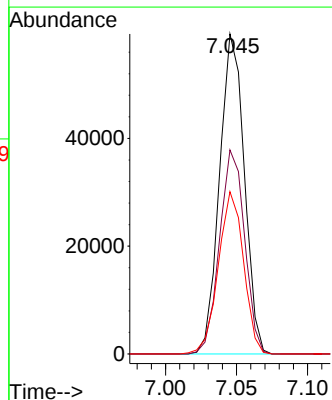
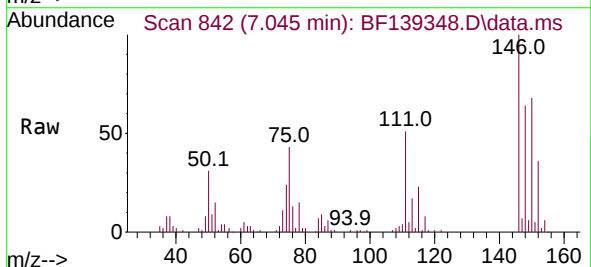
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

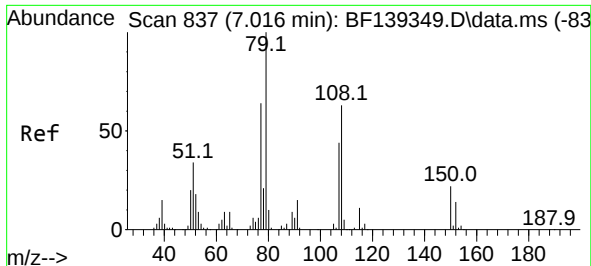
Tgt Ion:146 Resp: 77764  
Ion Ratio Lower Upper  
146 100  
148 62.0 50.9 76.3  
111 46.0 36.3 54.5



#14  
1,2-Dichlorobenzene  
Concen: 21.557 ng  
RT: 7.045 min Scan# 842  
Delta R.T. -0.006 min  
Lab File: BF139348.D  
Acq: 13 Sep 2024 15:57

Tgt Ion:146 Resp: 71860  
Ion Ratio Lower Upper  
146 100  
148 63.8 50.9 76.3  
111 50.7 38.9 58.3

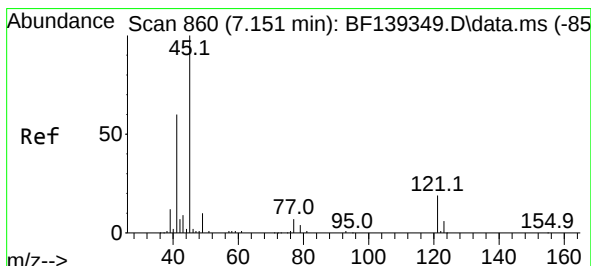
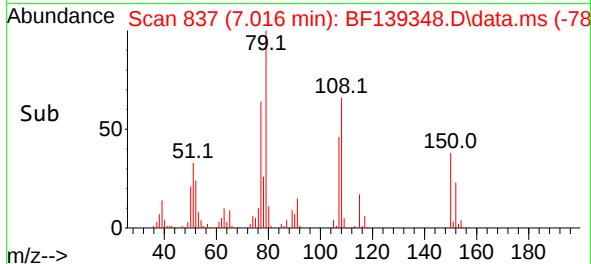
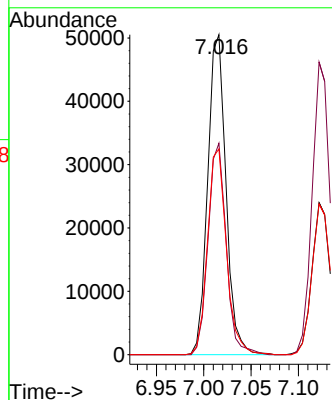
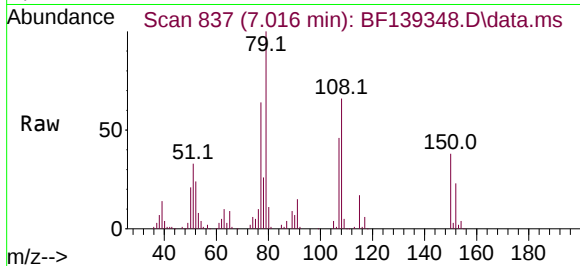




#15  
Benzyl Alcohol  
Concen: 22.880 ng  
RT: 7.016 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BF139348.D  
Acq: 13 Sep 2024 15:57

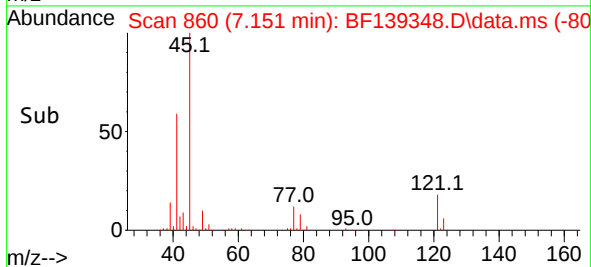
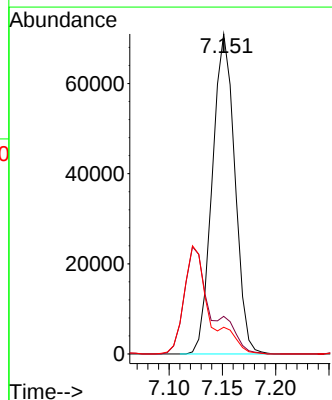
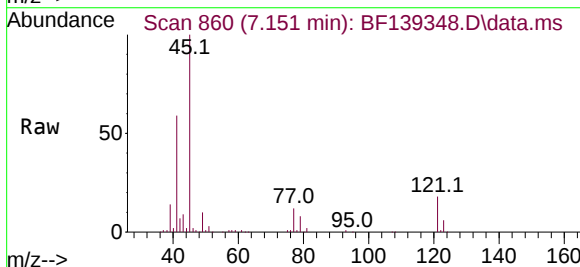
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

Tgt Ion: 79 Resp: 67807  
Ion Ratio Lower Upper  
79 100  
108 66.1 50.4 75.6  
77 64.3 51.4 77.2



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 17.829 ng  
RT: 7.151 min Scan# 860  
Delta R.T. -0.000 min  
Lab File: BF139348.D  
Acq: 13 Sep 2024 15:57

Tgt Ion: 45 Resp: 104227  
Ion Ratio Lower Upper  
45 100  
77 11.8 0.0 32.0  
79 8.4 0.0 29.1

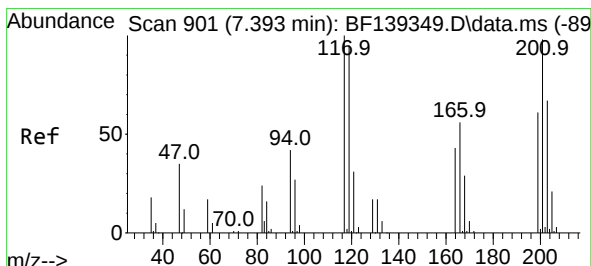
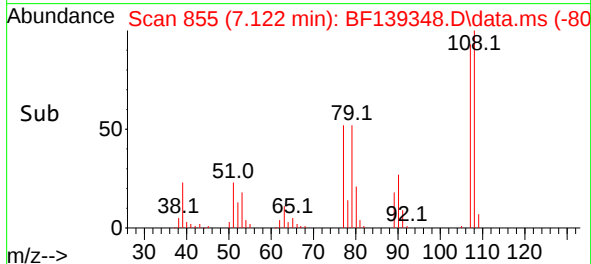
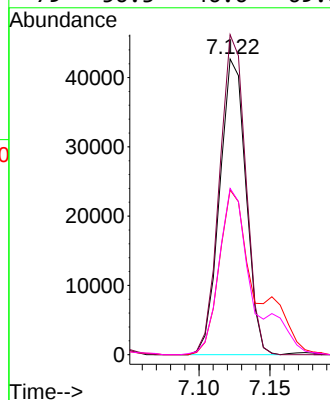
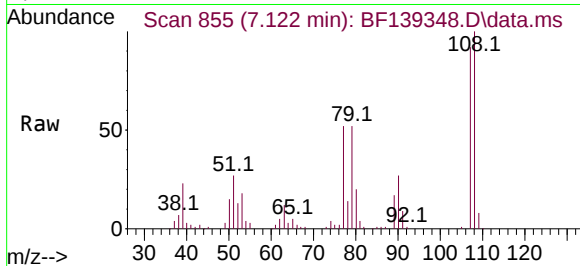




#17  
2-Methylphenol  
Concen: 21.285 ng  
RT: 7.122 min Scan# 856  
Delta R.T. -0.006 min  
Lab File: BF139348.D  
Acq: 13 Sep 2024 15:57

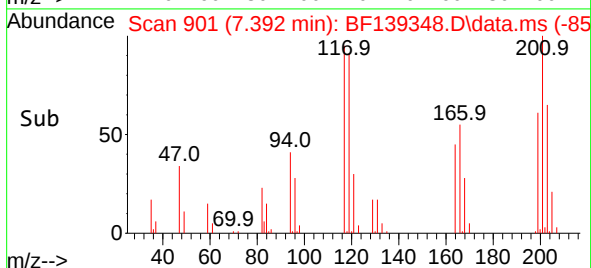
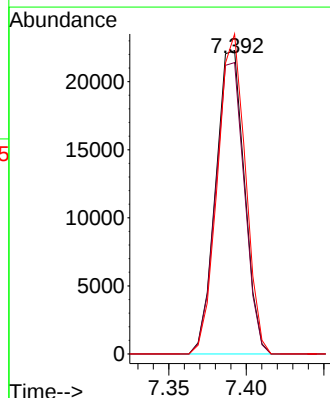
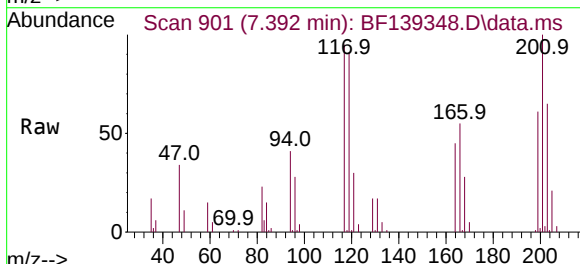
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

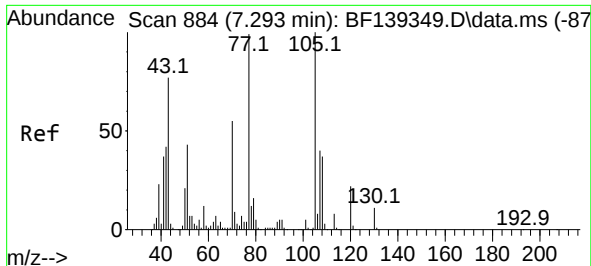
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 54852 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 108.2 | 90.5  | 135.7 |
| 77       | 55.7  | 47.1  | 70.7  |
| 79       | 56.3  | 46.6  | 69.8  |



#18  
Hexachloroethane  
Concen: 22.529 ng  
RT: 7.392 min Scan# 901  
Delta R.T. -0.000 min  
Lab File: BF139348.D  
Acq: 13 Sep 2024 15:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 28758 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 96.0  | 75.8  | 113.8 |
| 201      | 105.5 | 78.6  | 118.0 |

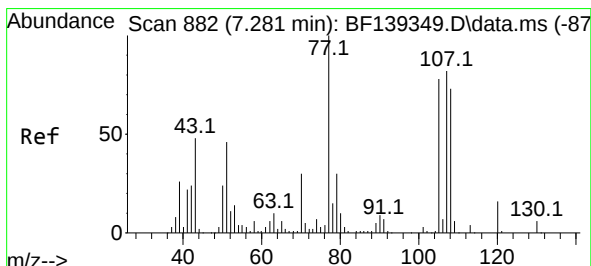
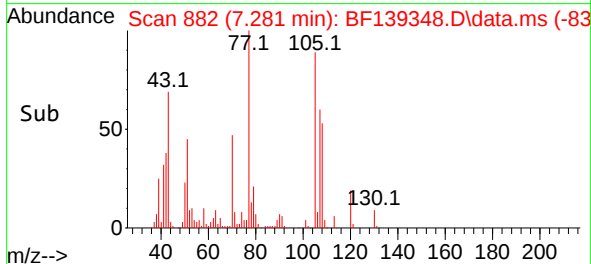
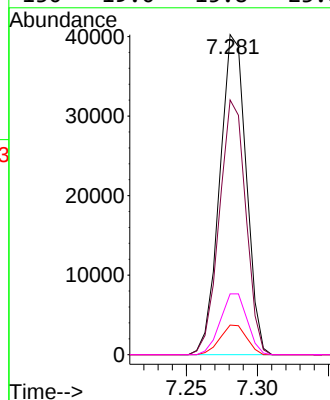
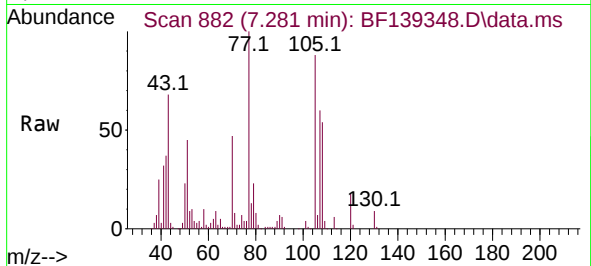




#19  
n-Nitroso-di-n-propylamine  
Concen: 22.301 ng  
RT: 7.281 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BF139348.D  
Acq: 13 Sep 2024 15:57

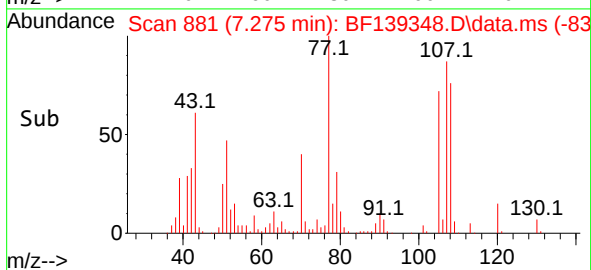
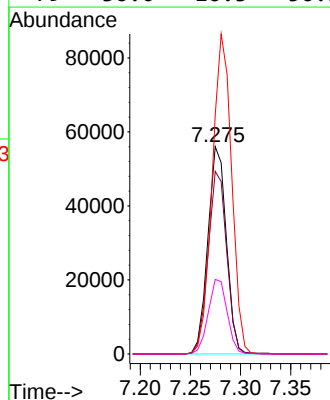
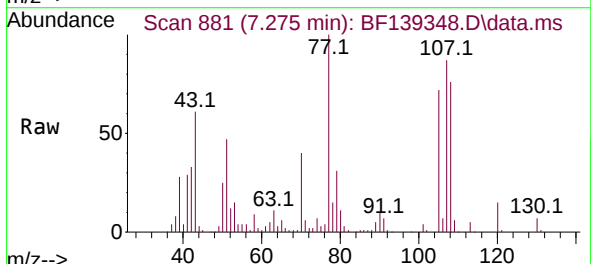
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

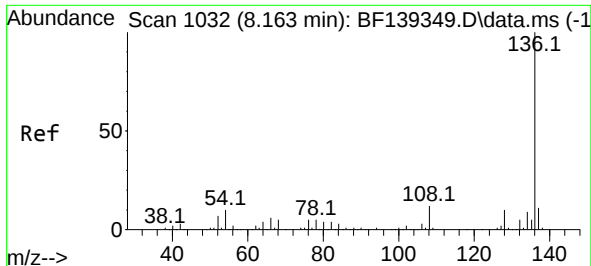
|             |             |
|-------------|-------------|
| Tgt Ion: 70 | Resp: 52195 |
| Ion Ratio   | Lower Upper |
| 70 100      |             |
| 42 79.6     | 61.2 91.8   |
| 101 9.3     | 7.5 11.3    |
| 130 19.0    | 15.8 23.8   |



#20  
3+4-Methylphenols  
Concen: 22.147 ng  
RT: 7.275 min Scan# 881  
Delta R.T. -0.006 min  
Lab File: BF139348.D  
Acq: 13 Sep 2024 15:57

|     |         |       |       |
|-----|---------|-------|-------|
| Tgt | Ion:107 | Resp: | 71930 |
| Ion | Ratio   | Lower | Upper |
| 107 | 100     |       |       |
| 108 | 88.1    | 68.6  | 108.6 |
| 77  | 115.3   | 101.6 | 141.6 |
| 79  | 36.0    | 16.3  | 56.3  |





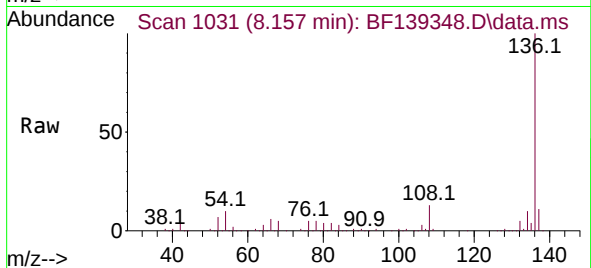
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.157 min Scan# 1031  
Delta R.T. -0.006 min  
Lab File: BF139348.D  
Acq: 13 Sep 2024 15:57

Instrument :

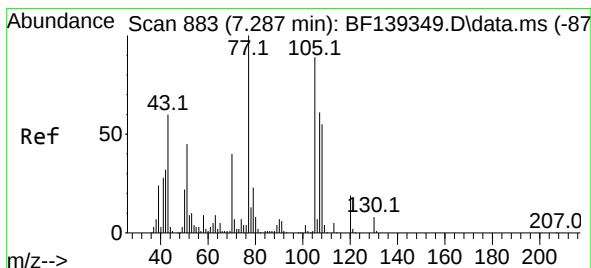
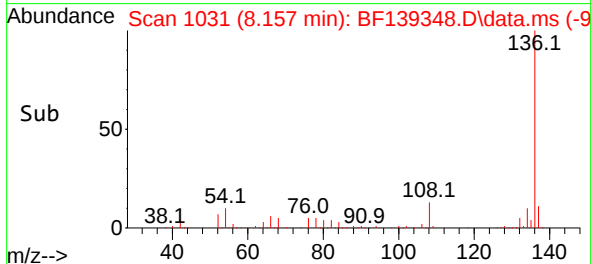
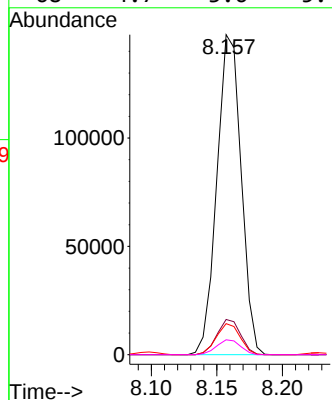
BNA\_F

ClientSampleId :

SSTDICC020

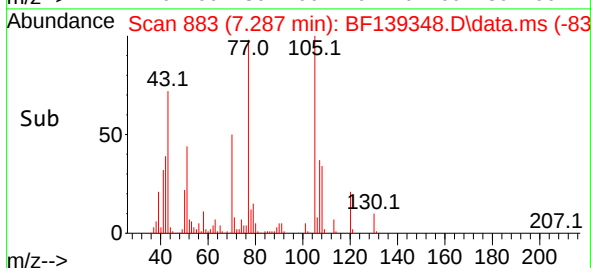
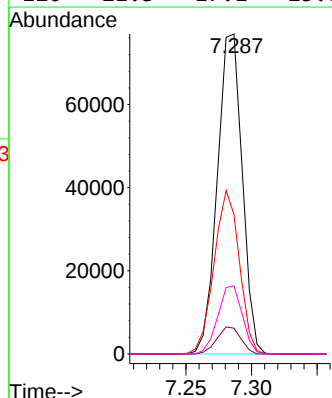
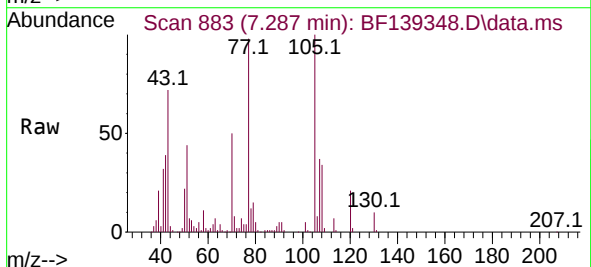


Tgt Ion:136 Resp: 189834  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.6 12.8  
54 9.7 7.8 11.8  
68 4.7 3.6 5.4



#22  
Acetophenone  
Concen: 22.444 ng  
RT: 7.287 min Scan# 883  
Delta R.T. -0.000 min  
Lab File: BF139348.D  
Acq: 13 Sep 2024 15:57

Tgt Ion:105 Resp: 101503  
Ion Ratio Lower Upper  
105 100  
71 8.0 5.9 8.9  
51 43.5 40.0 60.0  
120 21.3 17.1 25.7





#23

Nitrobenzene-d5

Concen: 45.159 ng

RT: 7.439 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

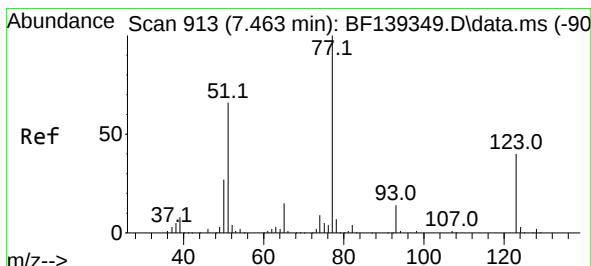
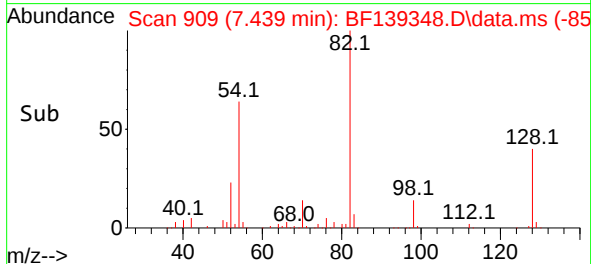
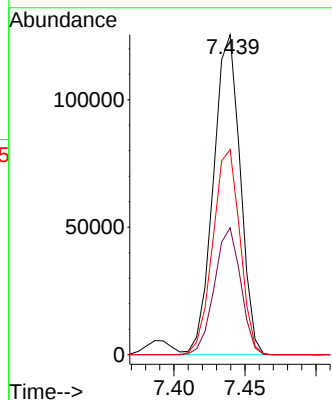
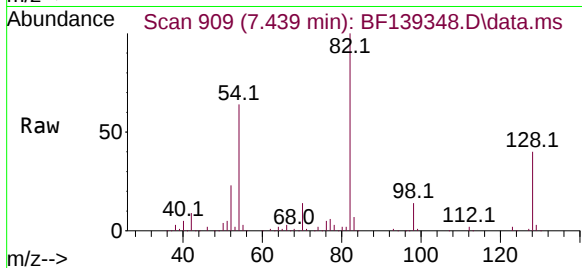
Tgt Ion: 82 Resp: 164789

Ion Ratio Lower Upper

82 100

128 39.7 31.8 47.6

54 64.1 50.6 75.8



#24

Nitrobenzene

Concen: 21.650 ng

RT: 7.457 min Scan# 912

Delta R.T. -0.006 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

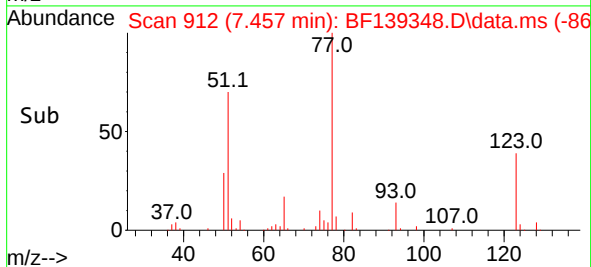
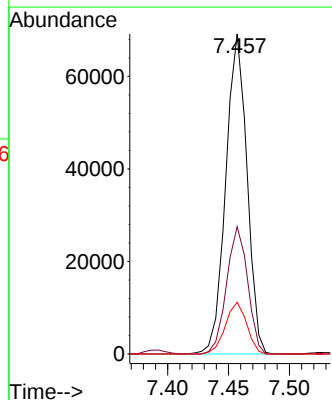
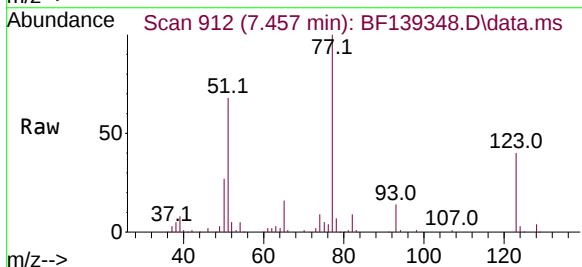
Tgt Ion: 77 Resp: 83852

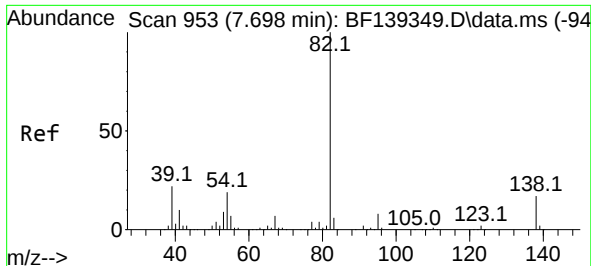
Ion Ratio Lower Upper

77 100

123 39.8 32.2 48.4

65 16.2 12.2 18.4

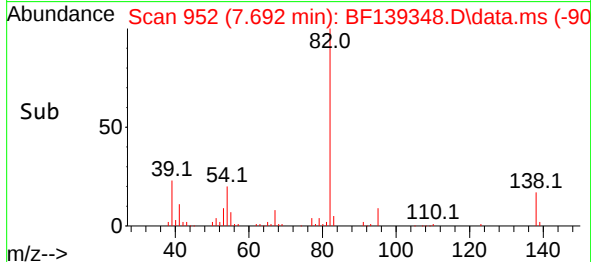
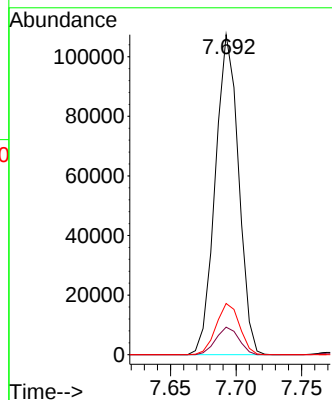
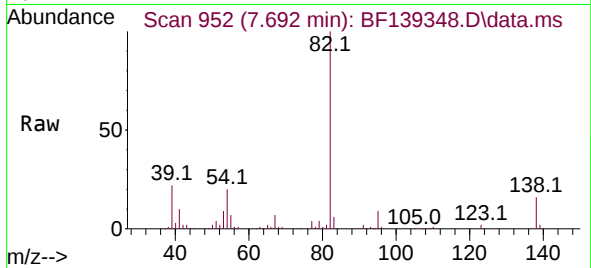




#25  
Isophorone  
Concen: 21.246 ng  
RT: 7.692 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF139348.D  
Acq: 13 Sep 2024 15:57

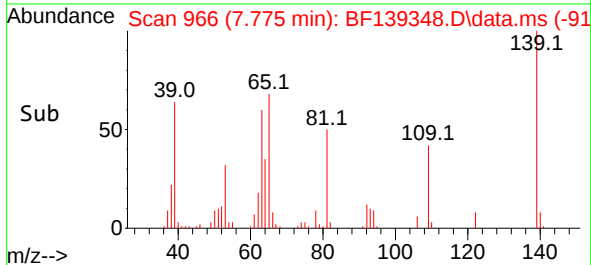
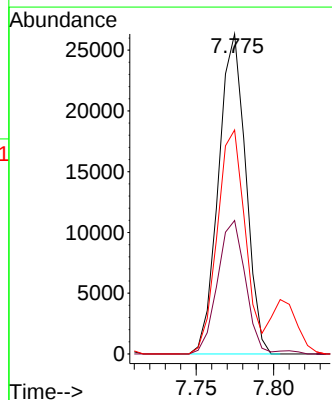
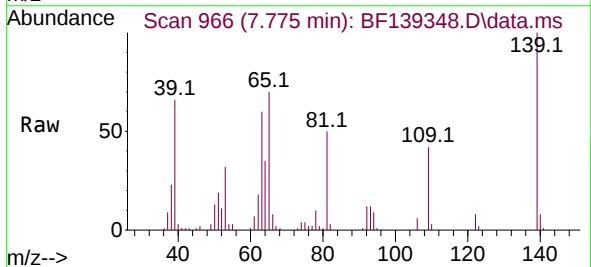
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

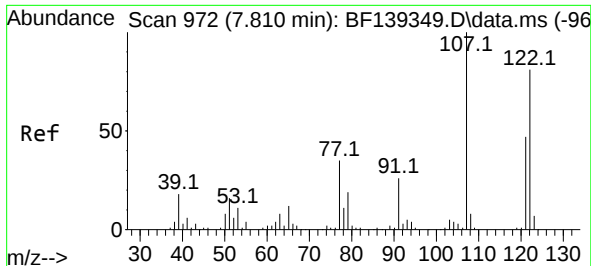
Tgt Ion: 82 Resp: 132546  
Ion Ratio Lower Upper  
82 100  
95 8.6 6.7 10.1  
138 16.0 13.3 19.9



#26  
2-Nitrophenol  
Concen: 21.123 ng  
RT: 7.775 min Scan# 966  
Delta R.T. -0.000 min  
Lab File: BF139348.D  
Acq: 13 Sep 2024 15:57

Tgt Ion:139 Resp: 32132  
Ion Ratio Lower Upper  
139 100  
109 41.7 32.2 48.2  
65 70.0 55.8 83.8

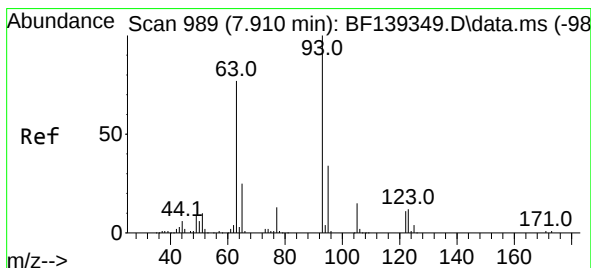
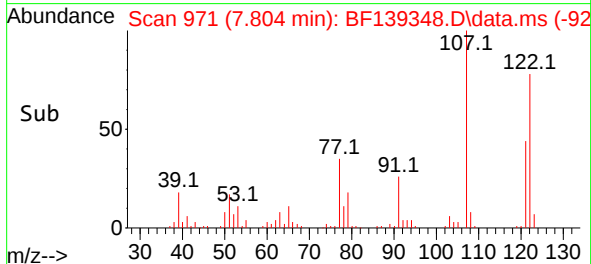
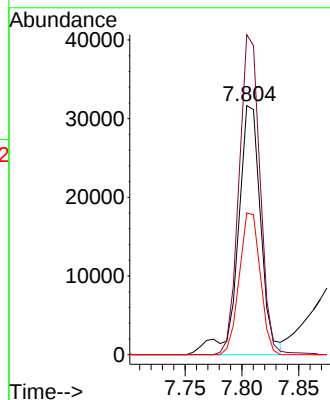
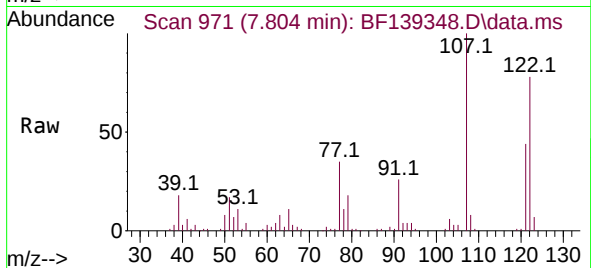




#27  
2,4-Dimethylphenol  
Concen: 20.176 ng  
RT: 7.804 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF139348.D  
Acq: 13 Sep 2024 15:57

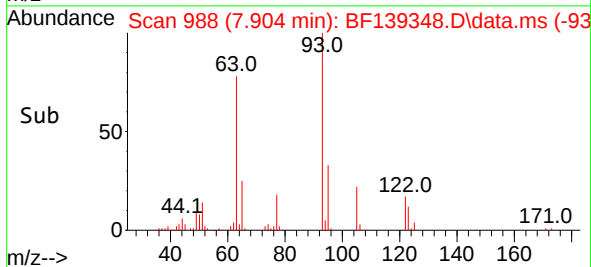
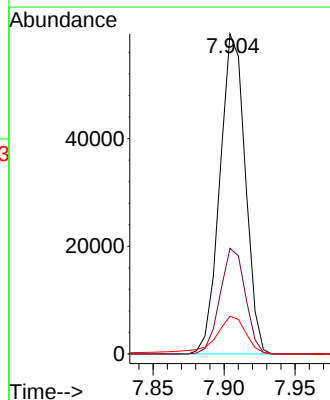
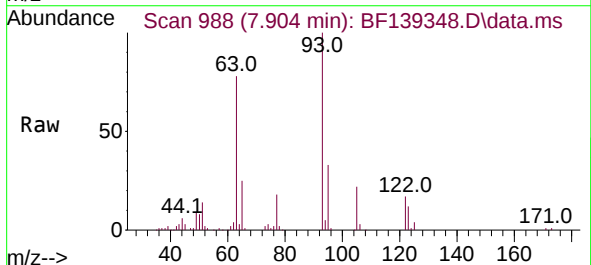
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

Tgt Ion:122 Resp: 43771  
Ion Ratio Lower Upper  
122 100  
107 128.4 99.1 148.7  
121 56.9 46.6 70.0



#28  
bis(2-Chloroethoxy)methane  
Concen: 19.846 ng  
RT: 7.904 min Scan# 988  
Delta R.T. -0.006 min  
Lab File: BF139348.D  
Acq: 13 Sep 2024 15:57

Tgt Ion: 93 Resp: 73765  
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: 20.810 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

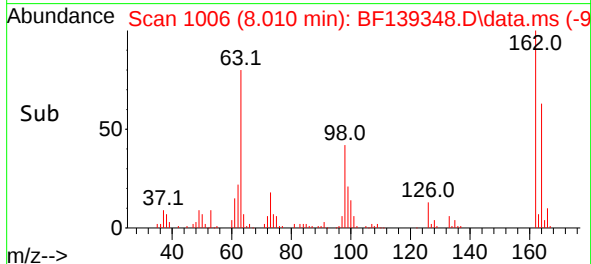
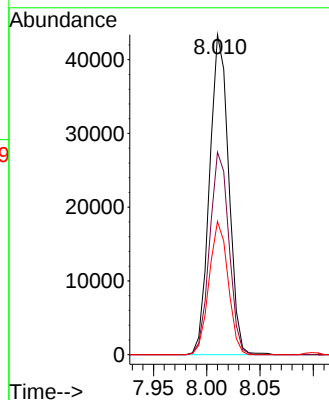
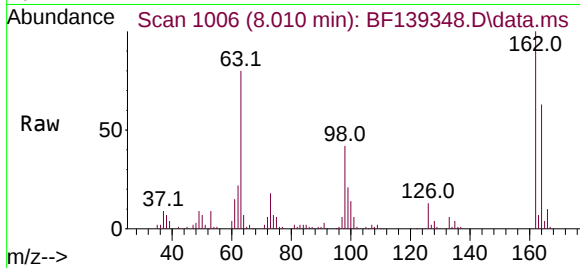
Tgt Ion:162 Resp: 54056

Ion Ratio Lower Upper

162 100

164 63.3 43.6 83.6

98 41.6 19.7 59.7



#30

1,2,4-Trichlorobenzene

Concen: 21.484 ng

RT: 8.098 min Scan# 1021

Delta R.T. -0.000 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

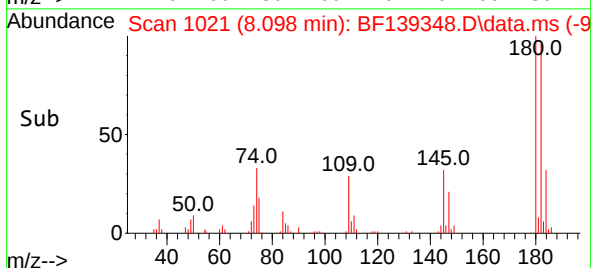
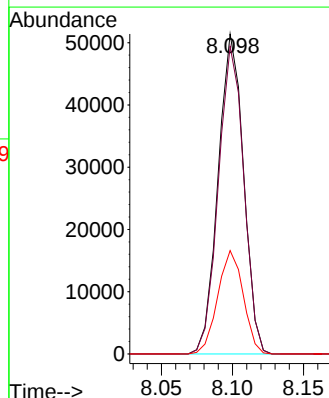
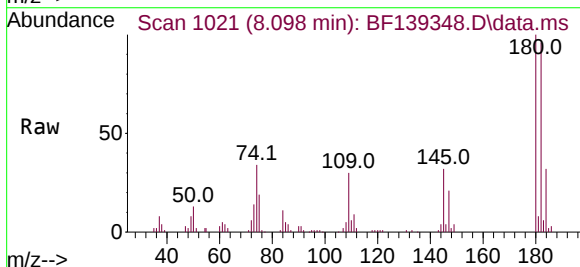
Tgt Ion:180 Resp: 63736

Ion Ratio Lower Upper

180 100

182 96.2 75.7 113.5

145 32.3 26.5 39.7

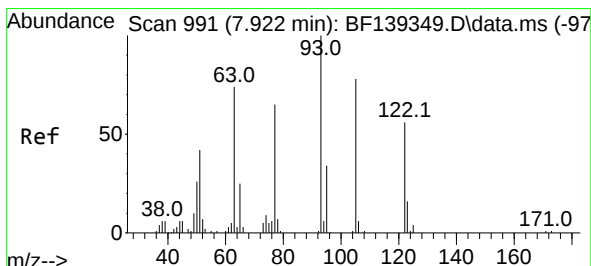
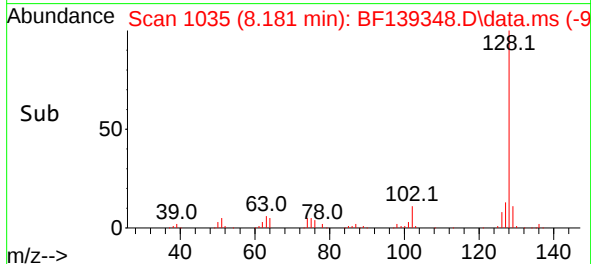
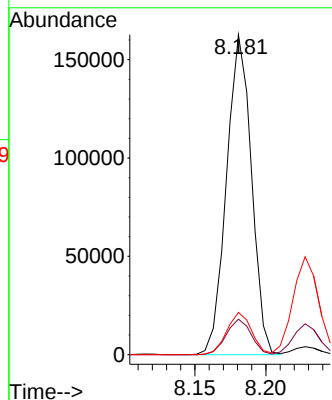
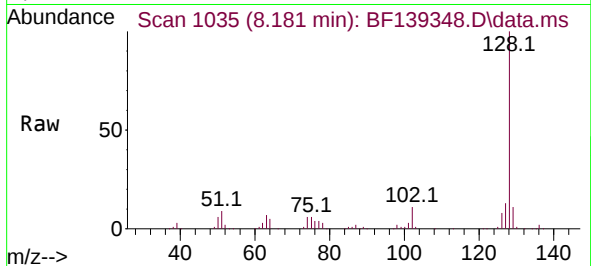




#31  
Naphthalene  
Concen: 20.645 ng  
RT: 8.181 min Scan# 1035  
Delta R.T. -0.000 min  
Lab File: BF139348.D  
Acq: 13 Sep 2024 15:57

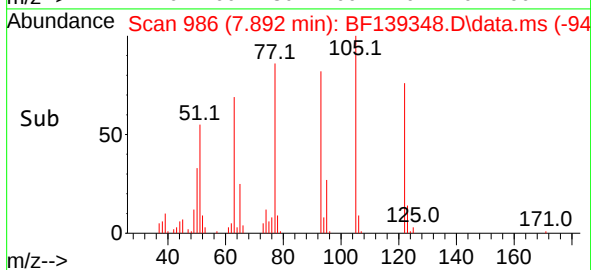
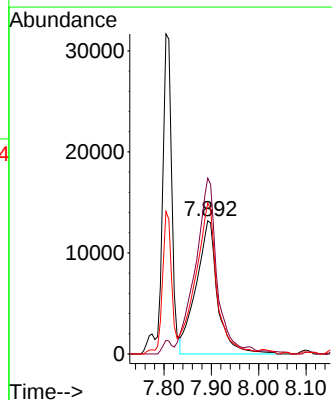
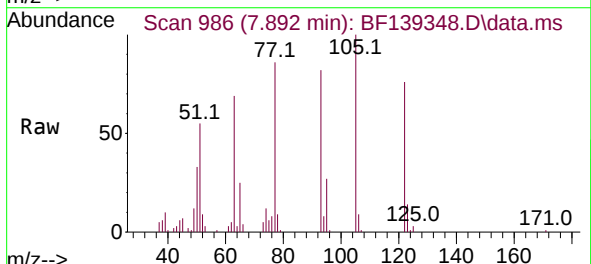
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

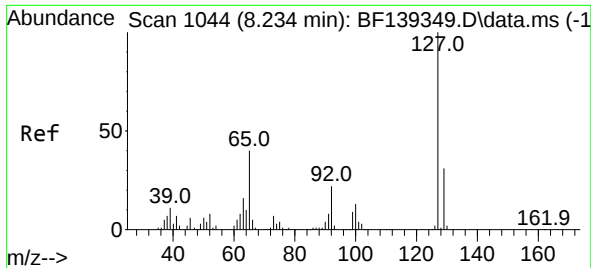
Tgt Ion:128 Resp: 198468  
Ion Ratio Lower Upper  
128 100  
129 11.1 8.6 13.0  
127 13.2 10.6 16.0



#32  
Benzoic acid  
Concen: 20.990 ng  
RT: 7.892 min Scan# 986  
Delta R.T. -0.030 min  
Lab File: BF139348.D  
Acq: 13 Sep 2024 15:57

Tgt Ion:122 Resp: 41479  
Ion Ratio Lower Upper  
122 100  
105 132.1 117.1 157.1  
77 113.3 95.4 135.4

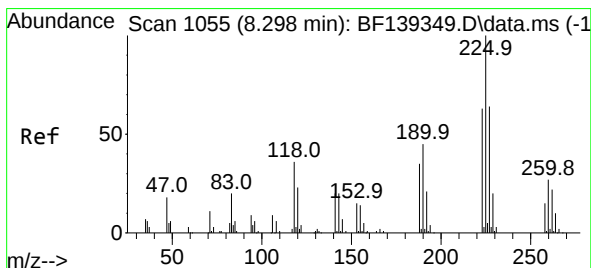
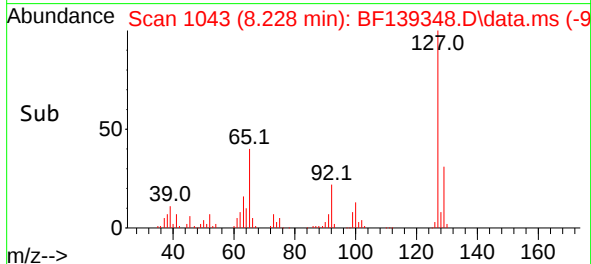
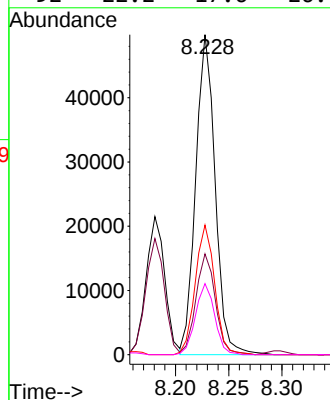
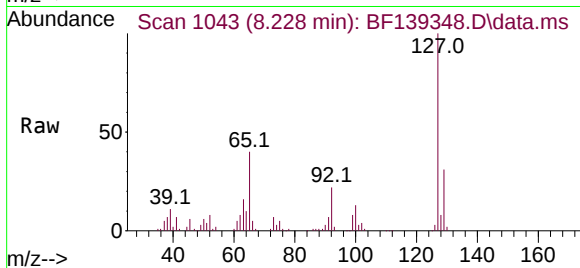




#33  
4-Chloroaniline  
Concen: 19.050 ng  
RT: 8.228 min Scan# 1043  
Delta R.T. -0.006 min  
Lab File: BF139348.D  
Acq: 13 Sep 2024 15:57

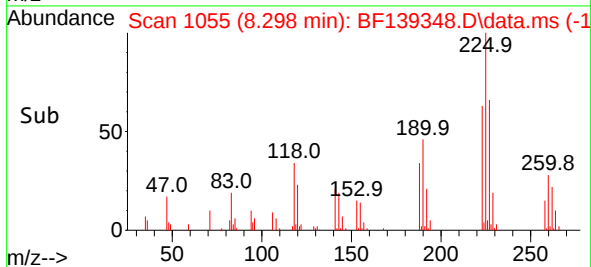
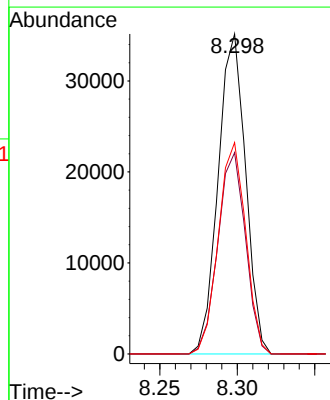
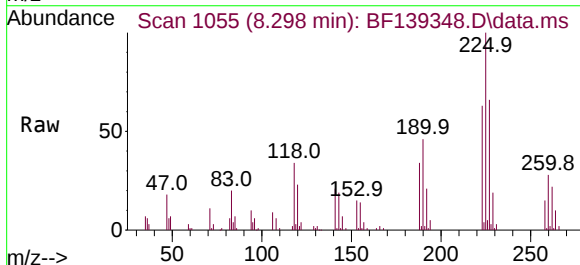
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

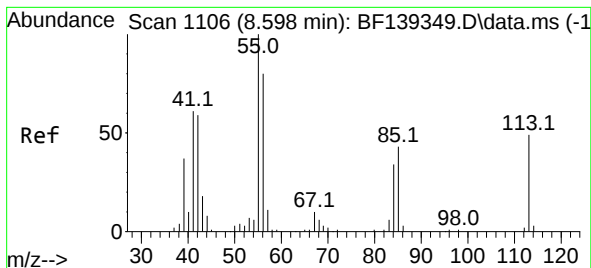
|             |             |
|-------------|-------------|
| Tgt Ion:127 | Resp: 63412 |
| Ion Ratio   | Lower Upper |
| 127 100     |             |
| 129 31.5    | 25.5 38.3   |
| 65 40.5     | 31.5 47.3   |
| 92 22.2     | 17.6 26.4   |



#34  
Hexachlorobutadiene  
Concen: 23.009 ng  
RT: 8.298 min Scan# 1055  
Delta R.T. -0.000 min  
Lab File: BF139348.D  
Acq: 13 Sep 2024 15:57

|             |             |
|-------------|-------------|
| Tgt Ion:225 | Resp: 43255 |
| Ion Ratio   | Lower Upper |
| 225 100     |             |
| 223 62.9    | 50.1 75.1   |
| 227 66.1    | 51.0 76.6   |





#35

Caprolactam

Concen: 21.049 ng

RT: 8.581 min Scan# 1103

Delta R.T. -0.018 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

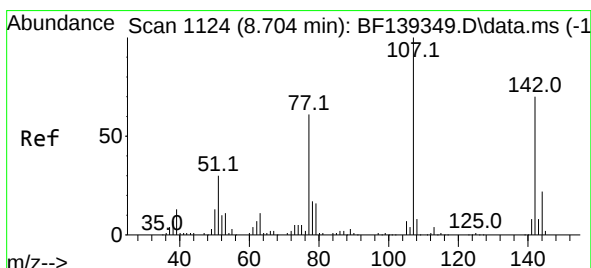
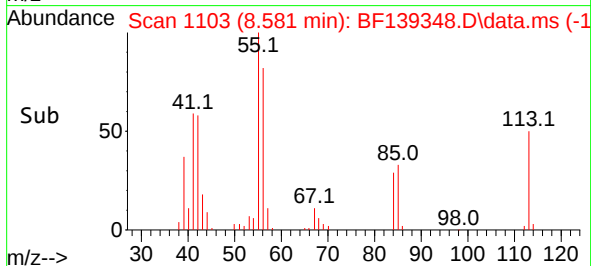
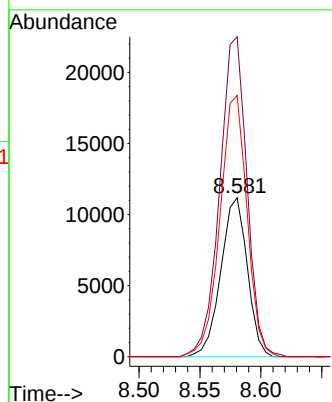
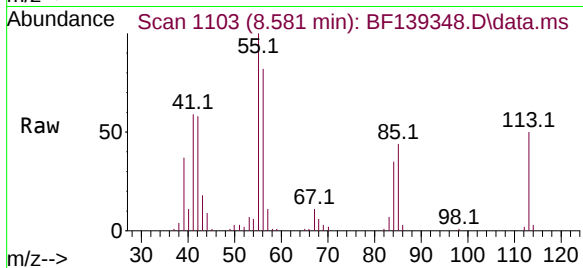
Tgt Ion:113 Resp: 16927

Ion Ratio Lower Upper

113 100

55 201.4 186.1 226.1

56 164.4 144.9 184.9



#36

4-Chloro-3-methylphenol

Concen: 22.523 ng

RT: 8.704 min Scan# 1124

Delta R.T. -0.000 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

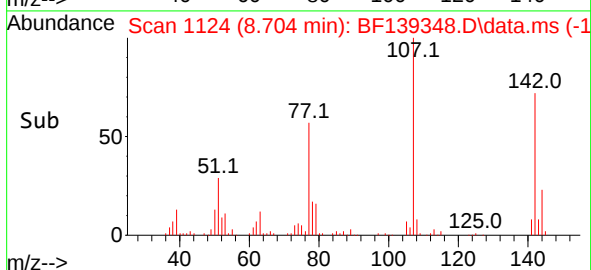
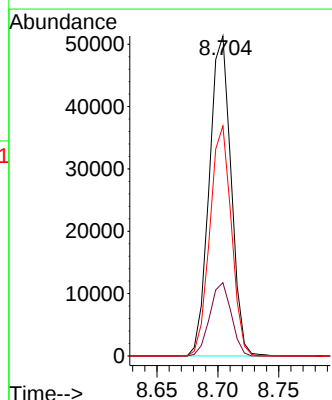
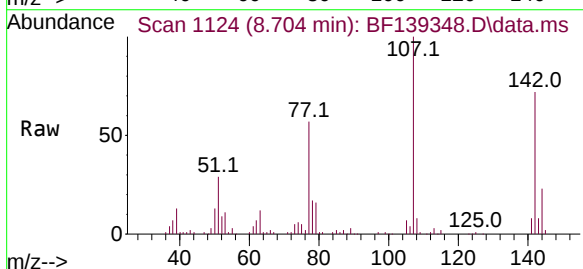
Tgt Ion:107 Resp: 63754

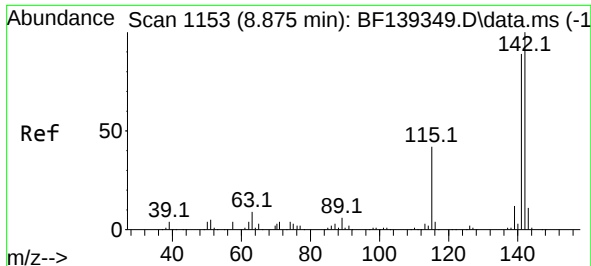
Ion Ratio Lower Upper

107 100

144 22.9 17.5 26.3

142 71.9 55.8 83.8





#37

2-Methylnaphthalene

Concen: 21.576 ng

RT: 8.869 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

Instrument :

BNA\_F

ClientSampleId :

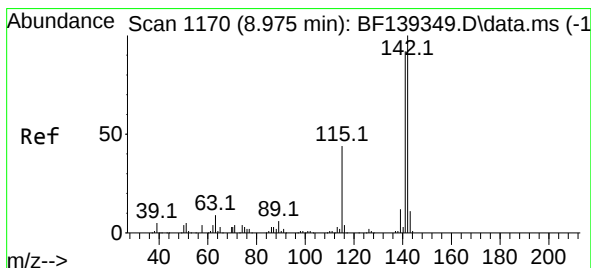
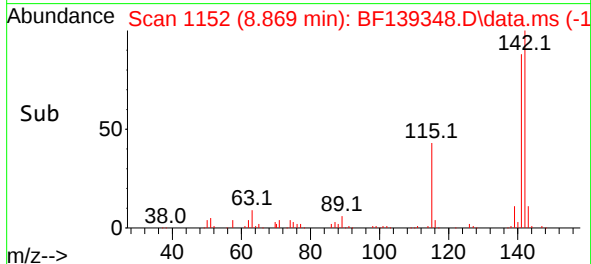
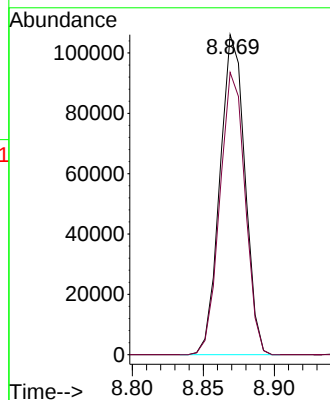
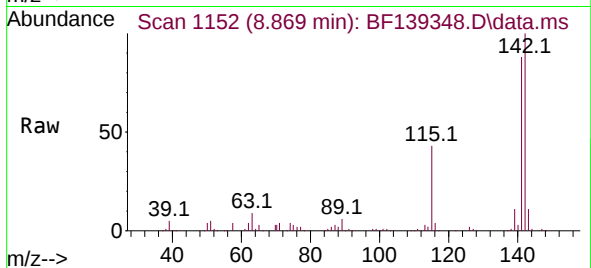
SSTDICC020

Tgt Ion:142 Resp: 129773

Ion Ratio Lower Upper

142 100

141 88.2 71.6 107.4



#38

1-Methylnaphthalene

Concen: 21.486 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF139348.D

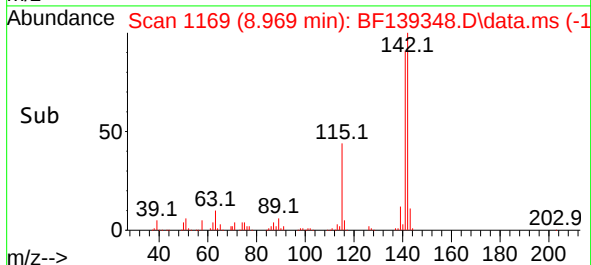
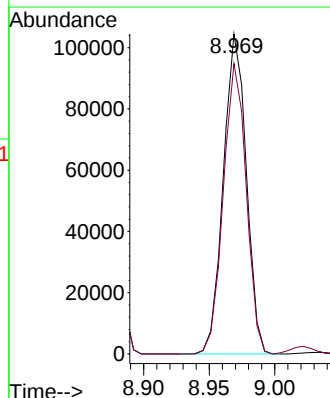
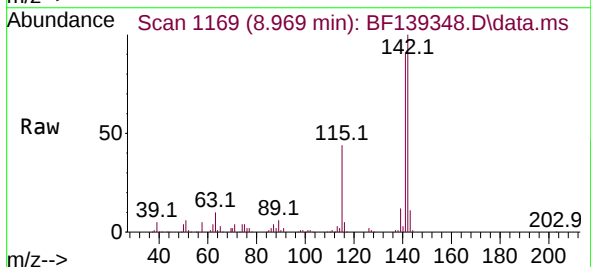
Acq: 13 Sep 2024 15:57

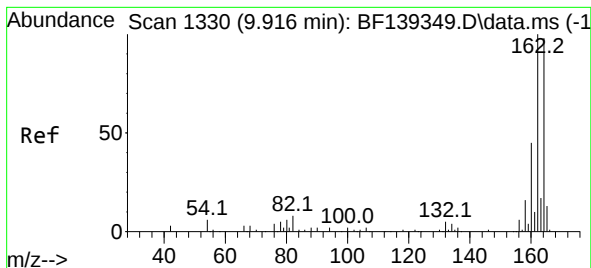
Tgt Ion:142 Resp: 127098

Ion Ratio Lower Upper

142 100

141 90.8 73.2 109.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

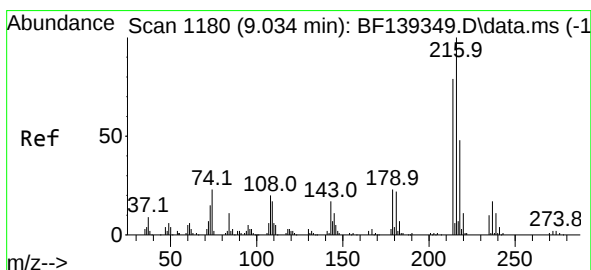
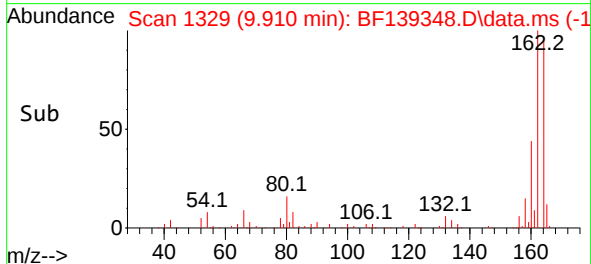
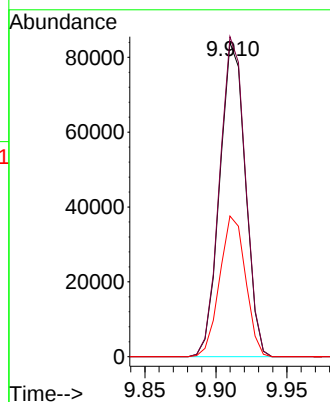
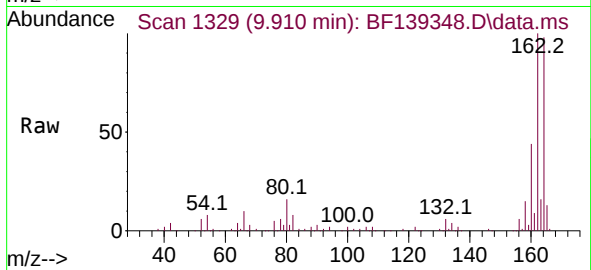
Tgt Ion:164 Resp: 105260

Ion Ratio Lower Upper

164 100

162 101.8 81.3 121.9

160 44.8 36.4 54.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 21.471 ng

RT: 9.034 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

Tgt Ion:216 Resp: 63941

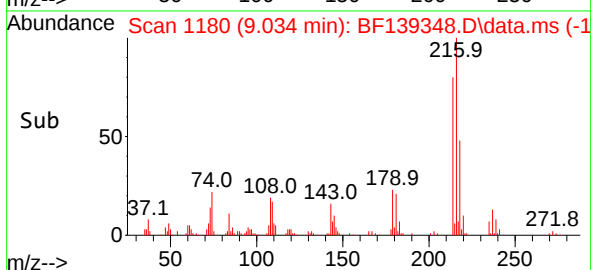
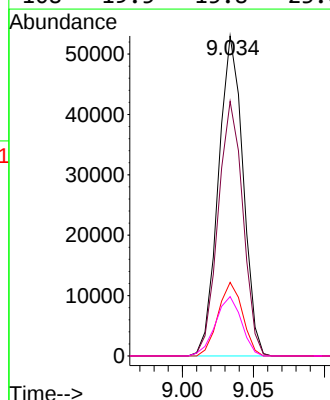
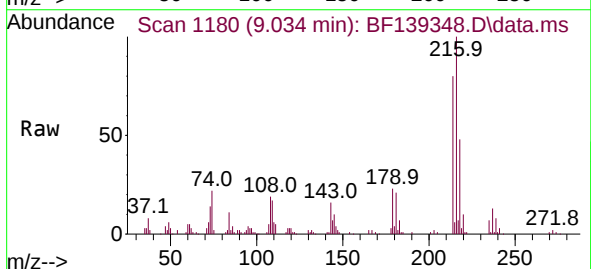
Ion Ratio Lower Upper

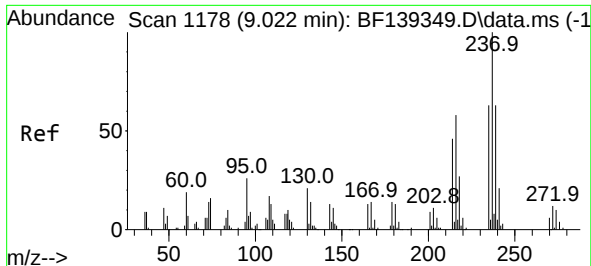
216 100

214 79.7 63.4 95.0

179 22.8 18.2 27.2

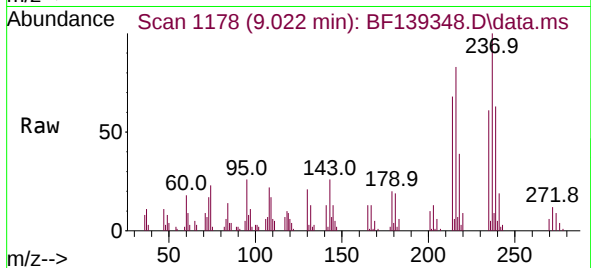
108 19.5 15.8 23.6



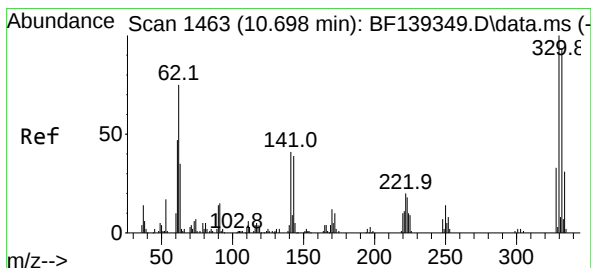
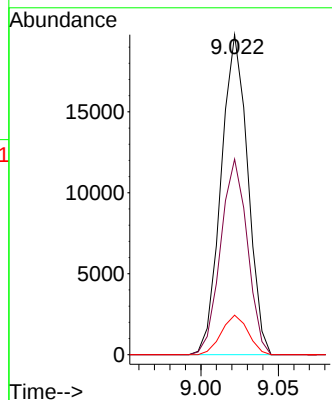
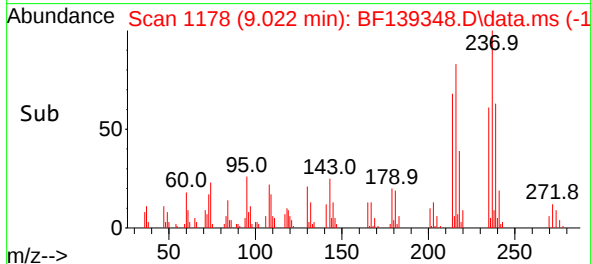


#41  
Hexachlorocyclopentadiene  
Concen: 24.662 ng  
RT: 9.022 min Scan# 1178  
Delta R.T. -0.000 min  
Lab File: BF139348.D  
Acq: 13 Sep 2024 15:57

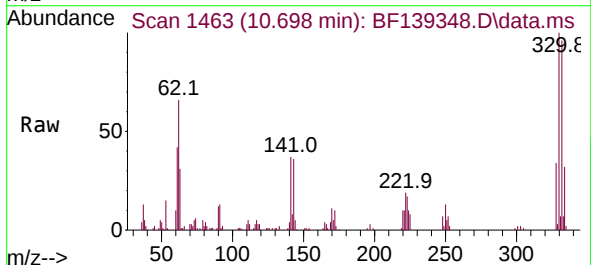
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



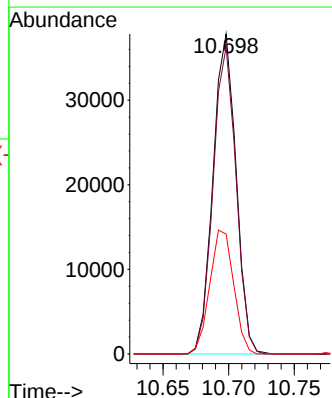
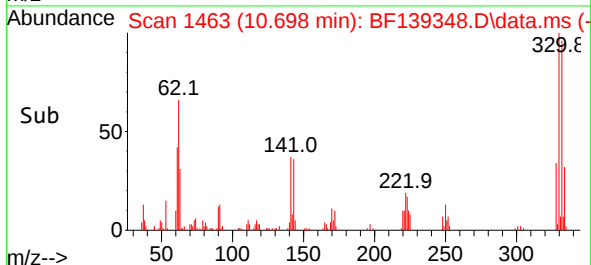
Tgt Ion:237 Resp: 23604  
Ion Ratio Lower Upper  
237 100  
235 61.1 42.7 82.7  
272 12.4 0.0 32.5

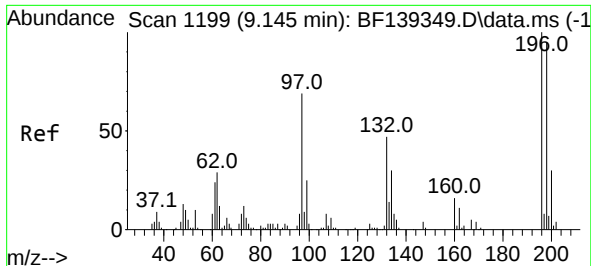


#42  
2,4,6-Tribromophenol  
Concen: 50.945 ng  
RT: 10.698 min Scan# 1463  
Delta R.T. -0.000 min  
Lab File: BF139348.D  
Acq: 13 Sep 2024 15:57



Tgt Ion:330 Resp: 46306  
Ion Ratio Lower Upper  
330 100  
332 95.2 75.2 112.8  
141 40.2 31.2 46.8





#43

2,4,6-Trichlorophenol

Concen: 20.958 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.000 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

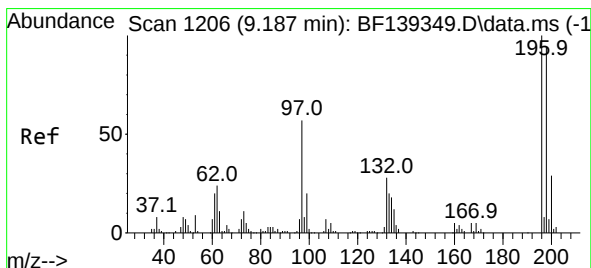
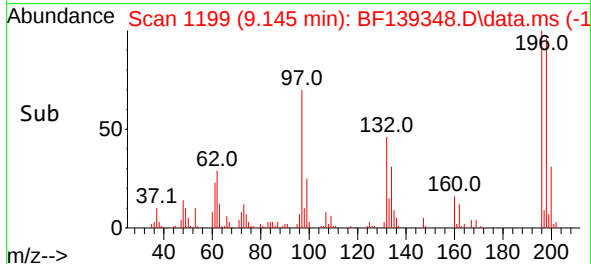
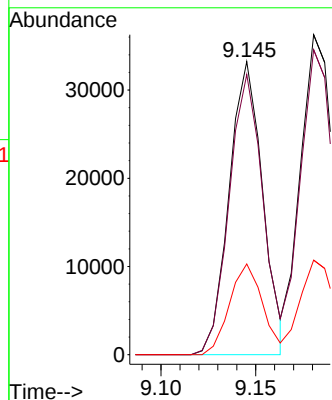
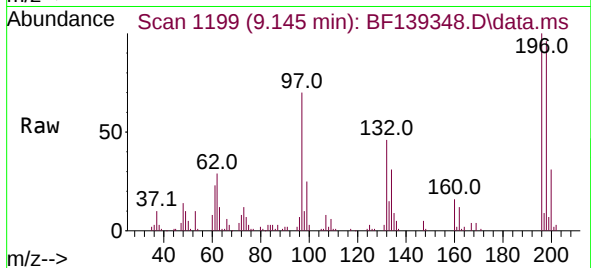
Tgt Ion:196 Resp: 40837

Ion Ratio Lower Upper

196 100

198 95.5 75.8 113.6

200 31.0 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 21.977 ng

RT: 9.181 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

Tgt Ion:196 Resp: 44874

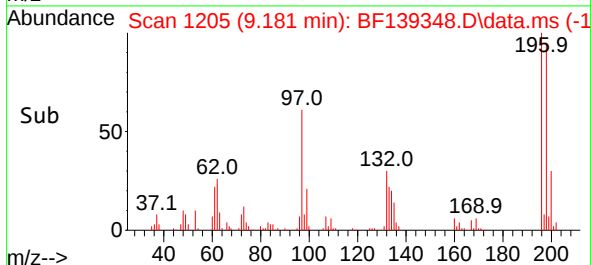
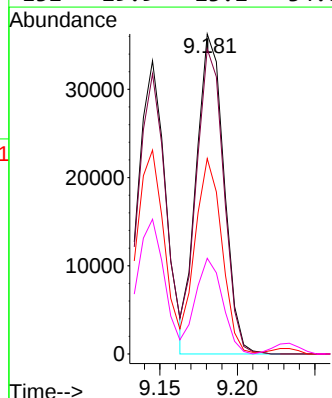
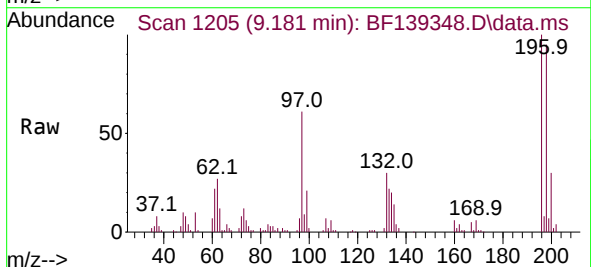
Ion Ratio Lower Upper

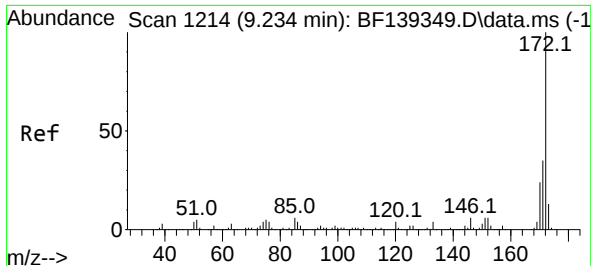
196 100

198 95.3 74.8 112.2

97 61.1 47.3 70.9

132 29.9 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 45.491 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

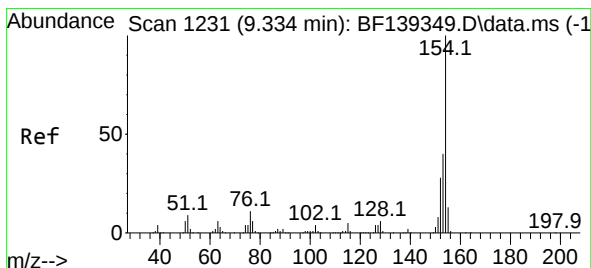
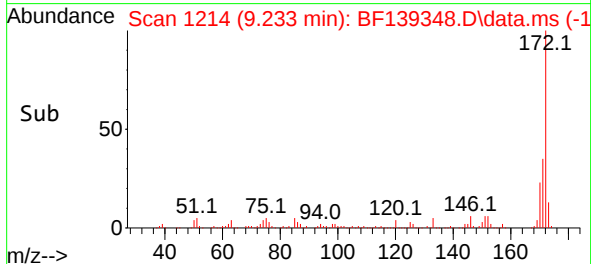
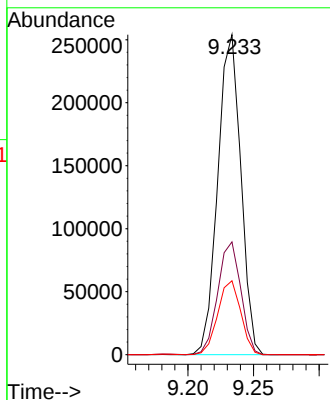
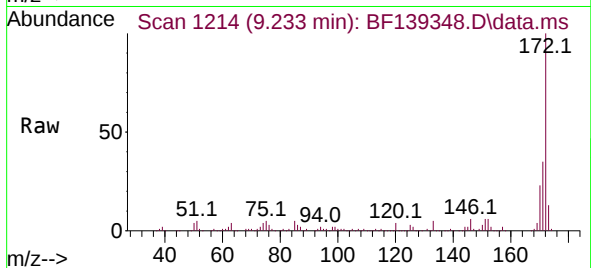
Tgt Ion:172 Resp: 310200

Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.1 19.0 28.6



#46

1,1'-Biphenyl

Concen: 21.141 ng

RT: 9.333 min Scan# 1231

Delta R.T. -0.000 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

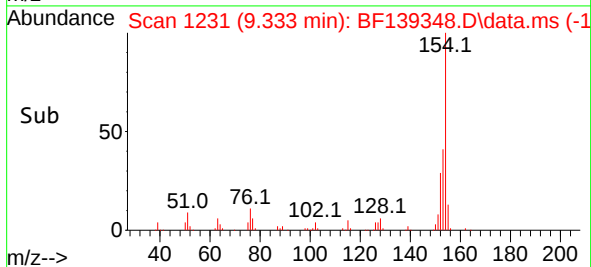
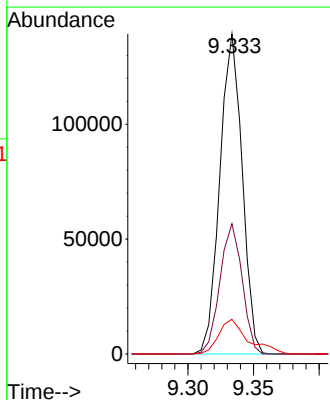
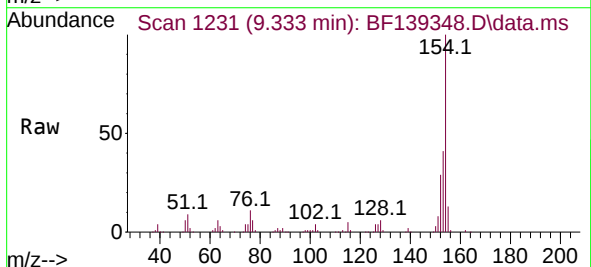
Tgt Ion:154 Resp: 164874

Ion Ratio Lower Upper

154 100

153 40.7 20.1 60.1

76 10.8 0.0 31.1





#47

2-Chloronaphthalene

Concen: 21.111 ng

RT: 9.357 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

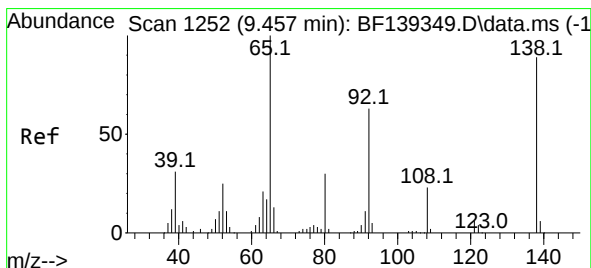
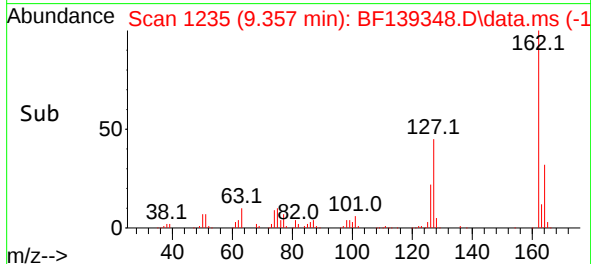
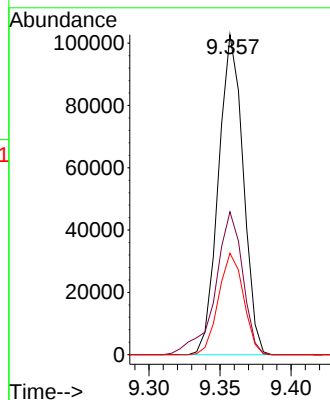
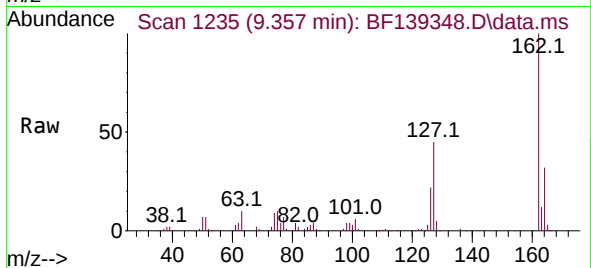
Tgt Ion:162 Resp: 124318

Ion Ratio Lower Upper

162 100

127 44.6 35.0 52.4

164 31.7 25.8 38.6



#48

2-Nitroaniline

Concen: 22.619 ng

RT: 9.451 min Scan# 1251

Delta R.T. -0.006 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

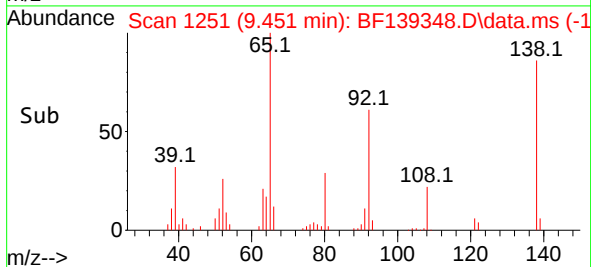
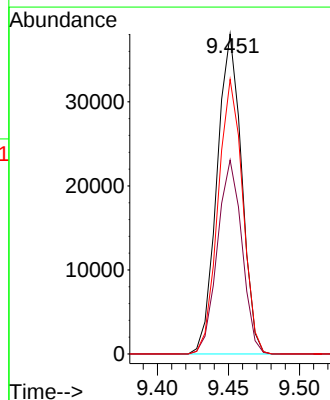
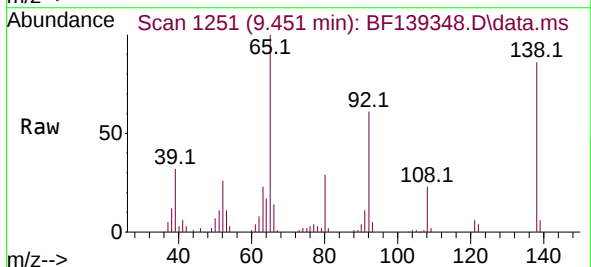
Tgt Ion: 65 Resp: 45879

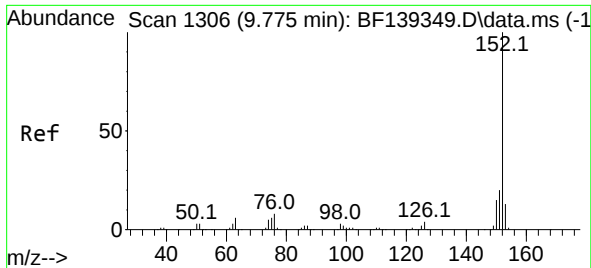
Ion Ratio Lower Upper

65 100

92 60.6 50.3 75.5

138 85.8 71.3 106.9

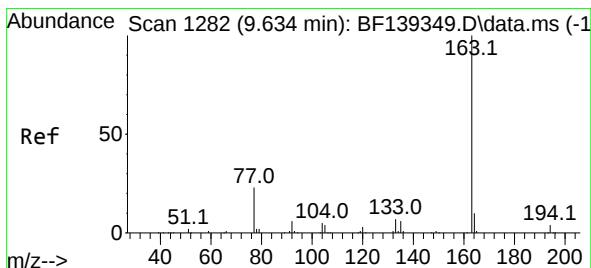
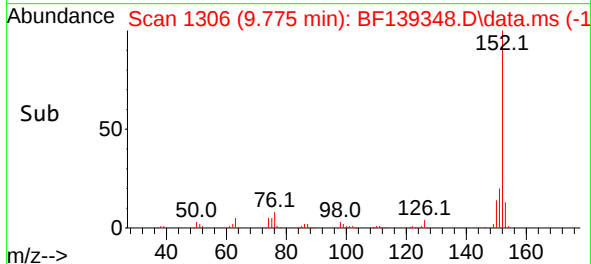
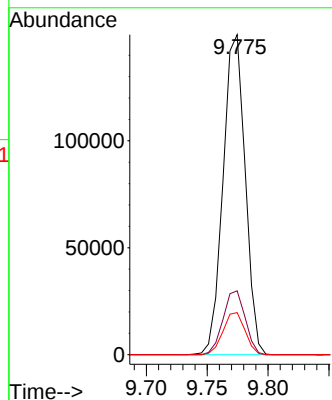
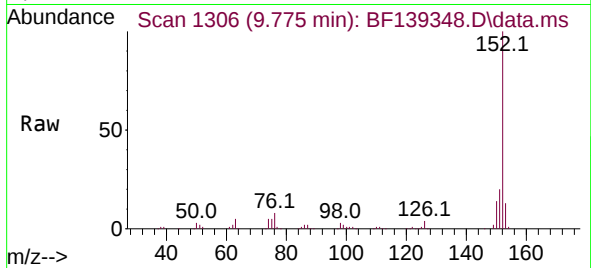




#49  
Acenaphthylene  
Concen: 21.347 ng  
RT: 9.775 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF139348.D  
Acq: 13 Sep 2024 15:57

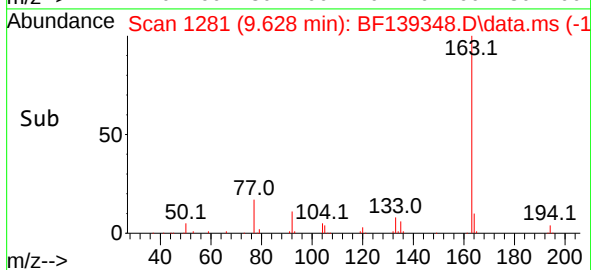
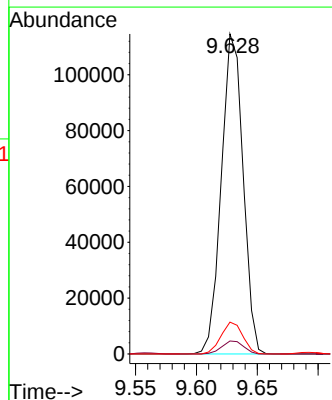
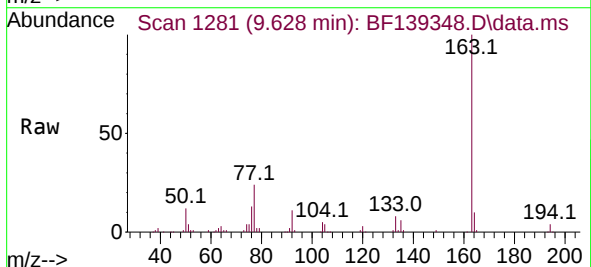
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

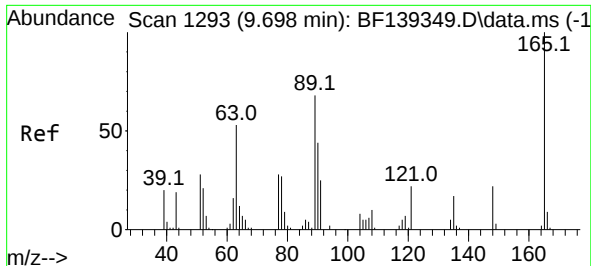
Tgt Ion:152 Resp: 189337  
Ion Ratio Lower Upper  
152 100  
151 20.0 16.2 24.2  
153 13.2 10.3 15.5



#50  
Dimethylphthalate  
Concen: 22.334 ng  
RT: 9.628 min Scan# 1281  
Delta R.T. -0.006 min  
Lab File: BF139348.D  
Acq: 13 Sep 2024 15:57

Tgt Ion:163 Resp: 142488  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.1 4.7  
164 9.9 8.2 12.2

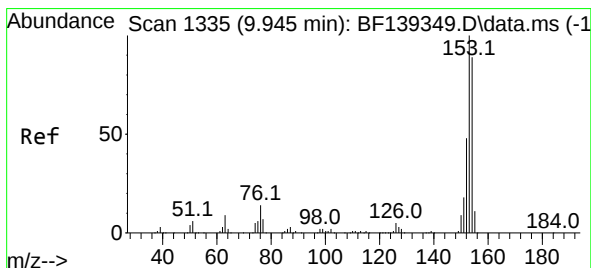
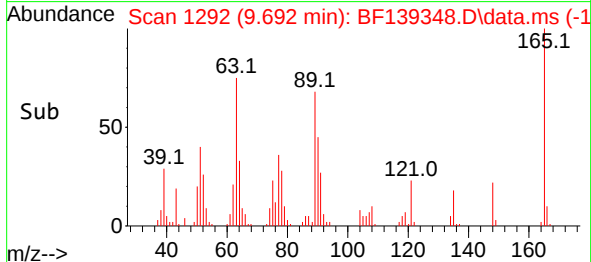
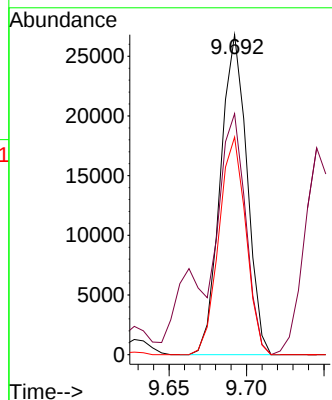
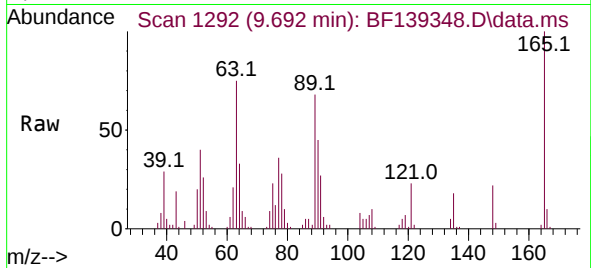




#51  
2,6-Dinitrotoluene  
Concen: 22.057 ng  
RT: 9.692 min Scan# 1292  
Delta R.T. -0.006 min  
Lab File: BF139348.D  
Acq: 13 Sep 2024 15:57

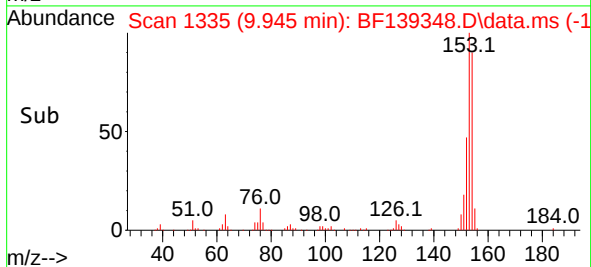
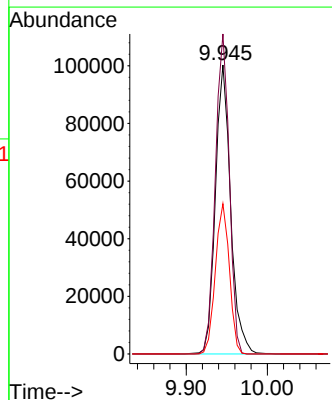
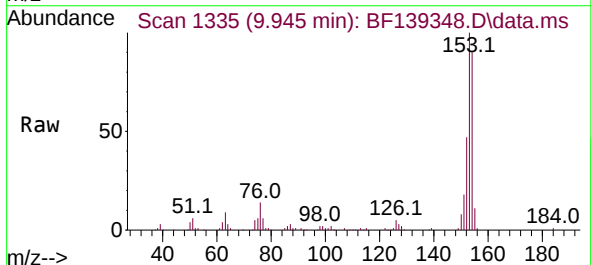
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

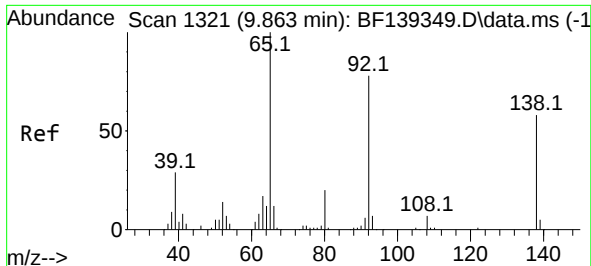
Tgt Ion:165 Resp: 31924  
Ion Ratio Lower Upper  
165 100  
63 75.3 60.9 91.3  
89 68.0 54.7 82.1



#52  
Acenaphthene  
Concen: 22.302 ng  
RT: 9.945 min Scan# 1335  
Delta R.T. -0.000 min  
Lab File: BF139348.D  
Acq: 13 Sep 2024 15:57

Tgt Ion:154 Resp: 131194  
Ion Ratio Lower Upper  
154 100  
153 110.7 89.5 134.3  
152 52.0 42.6 64.0





#53  
3-Nitroaniline  
Concen: 21.253 ng  
RT: 9.857 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF139348.D  
Acq: 13 Sep 2024 15:57

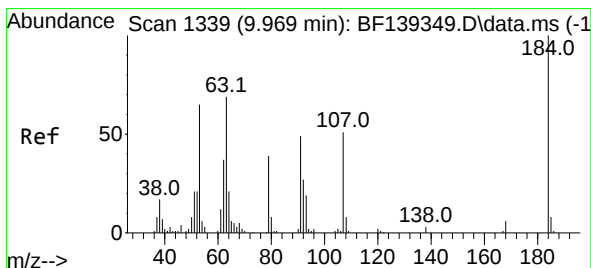
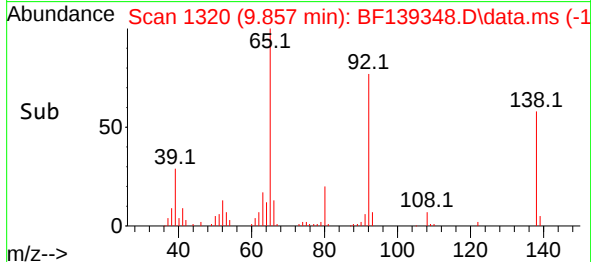
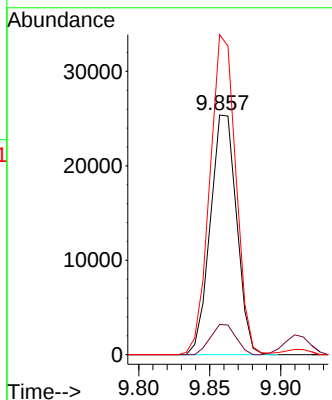
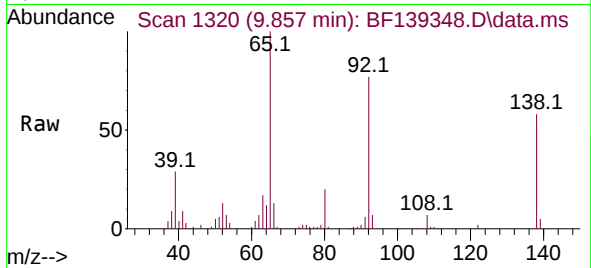
Instrument :

BNA\_F

ClientSampleId :

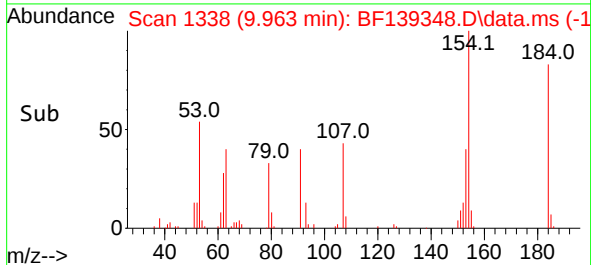
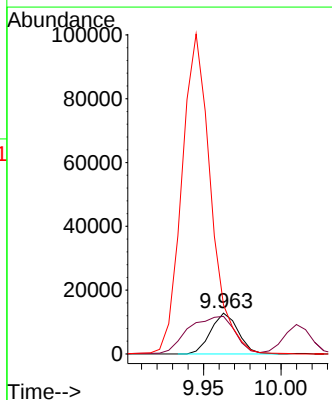
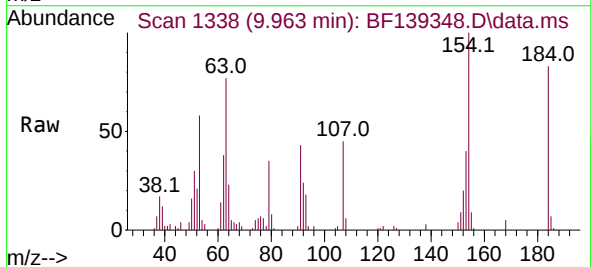
SSTDICC020

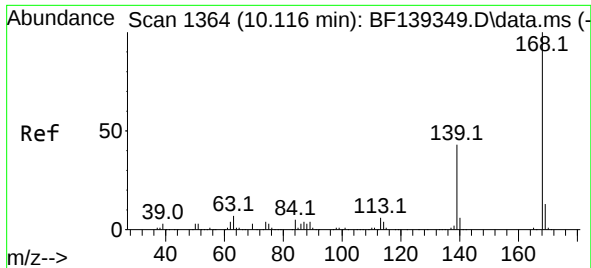
Tgt Ion:138 Resp: 32773  
Ion Ratio Lower Upper  
138 100  
108 12.6 9.8 14.8  
92 133.5 107.4 161.2



#54  
2,4-Dinitrophenol  
Concen: 25.295 ng  
RT: 9.963 min Scan# 1338  
Delta R.T. -0.006 min  
Lab File: BF139348.D  
Acq: 13 Sep 2024 15:57

Tgt Ion:184 Resp: 15677  
Ion Ratio Lower Upper  
184 100  
63 92.1 69.3 103.9  
154 120.2 67.5 101.3#

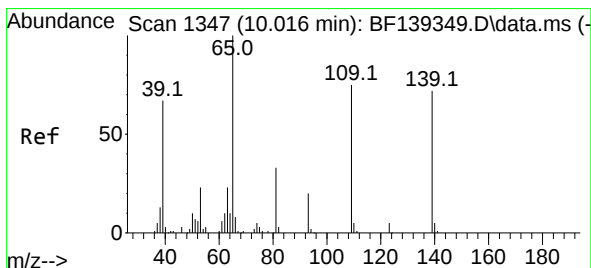
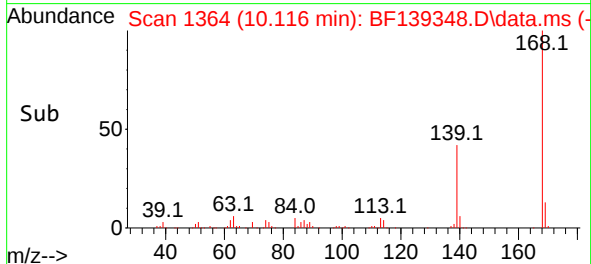
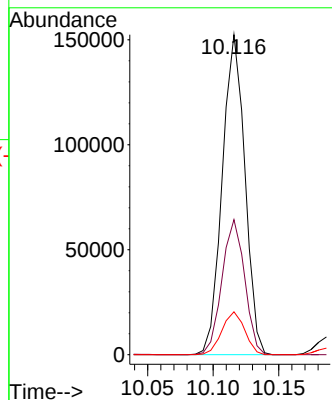
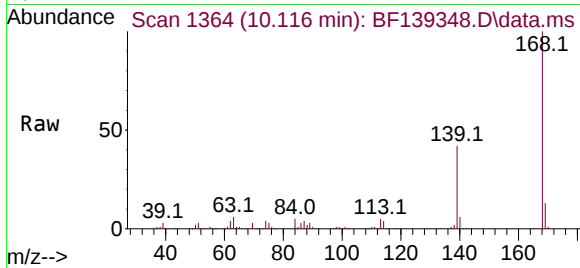




#55  
Dibenzenofuran  
Concen: 21.691 ng  
RT: 10.116 min Scan# 1364  
Delta R.T. -0.000 min  
Lab File: BF139348.D  
Acq: 13 Sep 2024 15:57

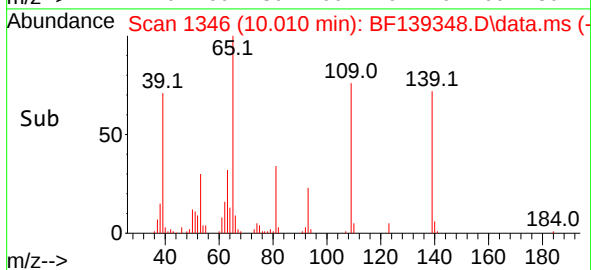
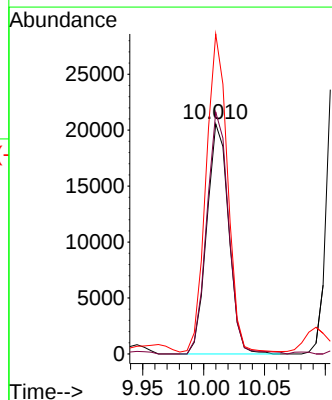
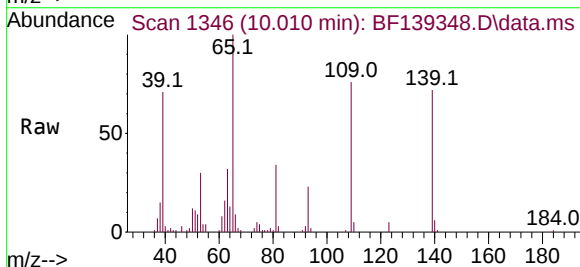
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

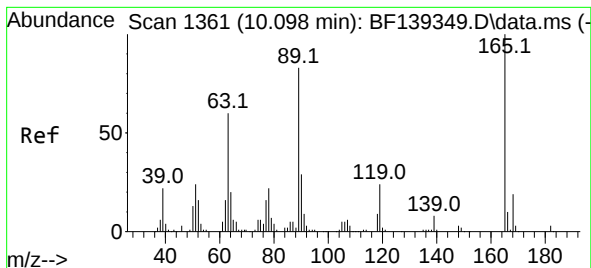
Tgt Ion:168 Resp: 182945  
Ion Ratio Lower Upper  
168 100  
139 42.2 34.1 51.1  
169 13.4 10.5 15.7



#56  
4-Nitrophenol  
Concen: 22.515 ng  
RT: 10.010 min Scan# 1346  
Delta R.T. -0.006 min  
Lab File: BF139348.D  
Acq: 13 Sep 2024 15:57

Tgt Ion:139 Resp: 25626  
Ion Ratio Lower Upper  
139 100  
109 105.1 84.1 124.1  
65 139.1 120.0 160.0

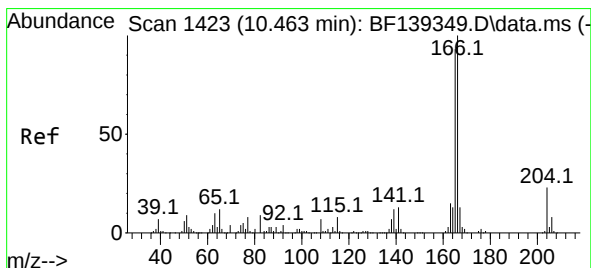
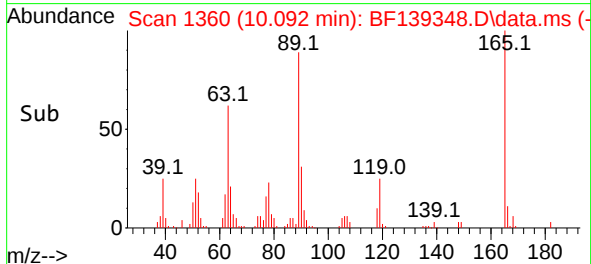
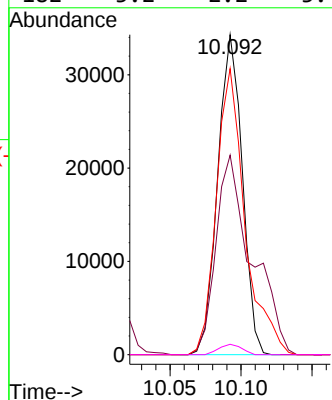
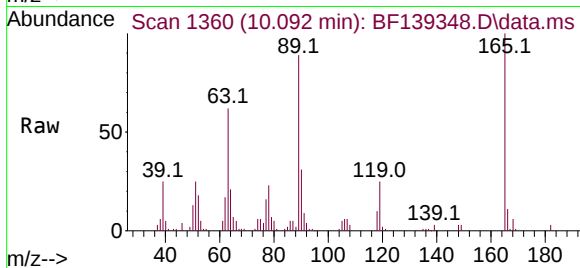




#57  
2,4-Dinitrotoluene  
Concen: 22.355 ng  
RT: 10.092 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF139348.D  
Acq: 13 Sep 2024 15:57

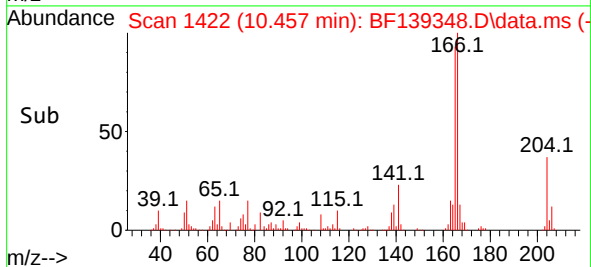
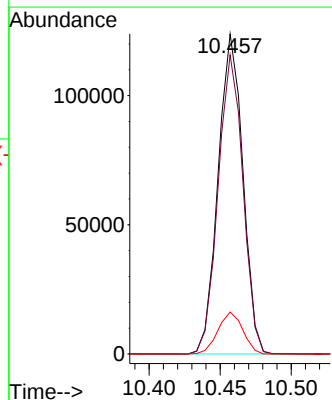
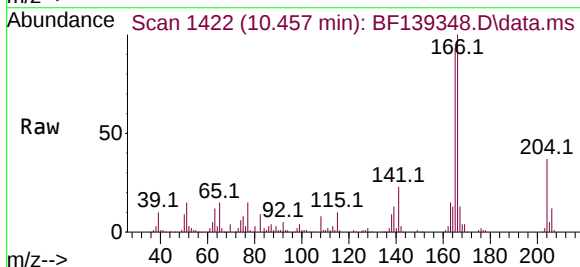
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

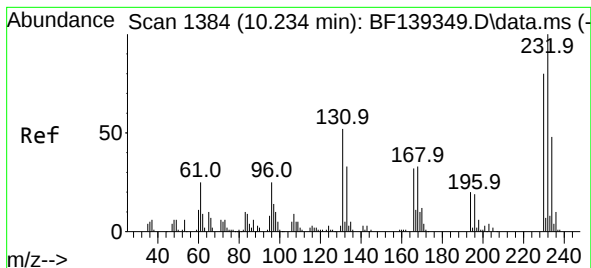
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 165   | Resp: | 41181 |
| Ion      | Ratio | Lower | Upper |
| 165      | 100   |       |       |
| 63       | 62.4  | 47.8  | 71.6  |
| 89       | 89.4  | 66.7  | 100.1 |
| 182      | 3.2   | 2.2   | 3.4   |



#58  
Fluorene  
Concen: 22.915 ng  
RT: 10.457 min Scan# 1422  
Delta R.T. -0.006 min  
Lab File: BF139348.D  
Acq: 13 Sep 2024 15:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 166   | Resp: | 149842 |
| Ion      | Ratio | Lower | Upper  |
| 166      | 100   |       |        |
| 165      | 93.5  | 74.5  | 111.7  |
| 167      | 13.1  | 10.6  | 16.0   |

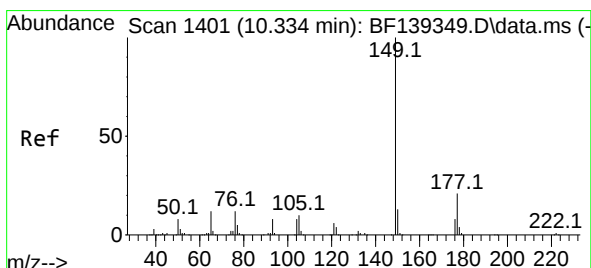
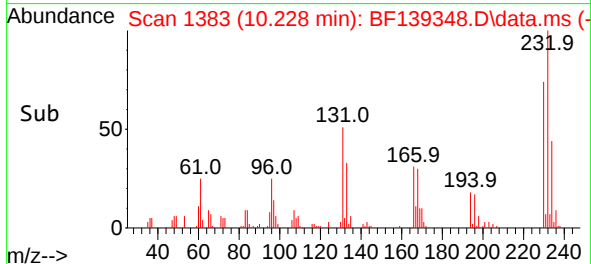
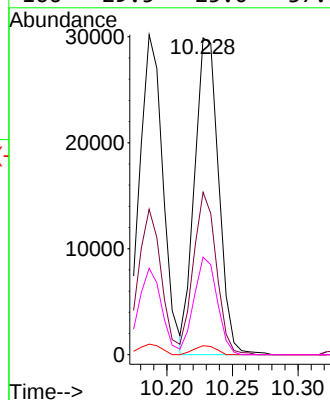
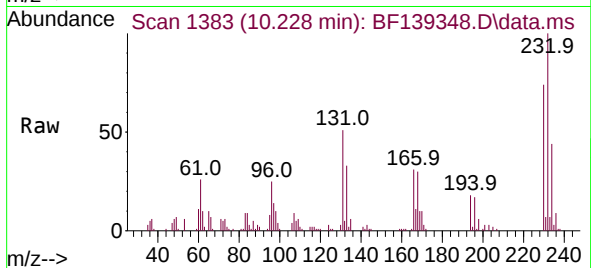




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 23.811 ng  
RT: 10.228 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF139348.D  
Acq: 13 Sep 2024 15:57

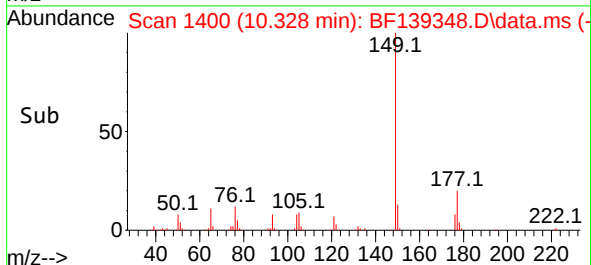
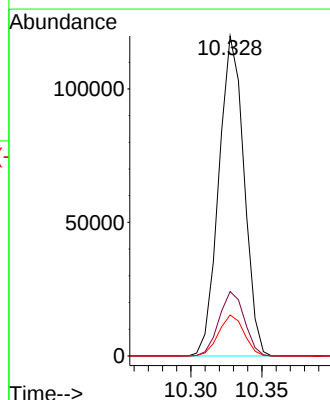
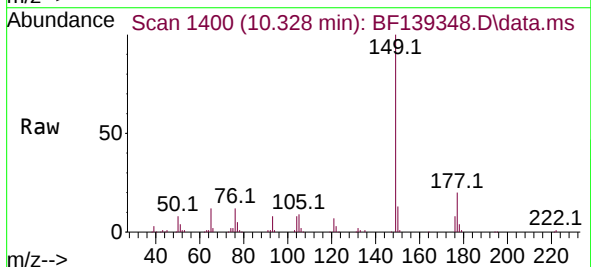
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

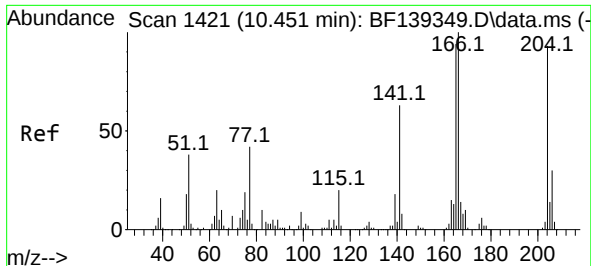
Tgt Ion:232 Resp: 38272  
Ion Ratio Lower Upper  
232 100  
131 48.6 40.7 61.1  
130 2.6 2.2 3.2  
166 29.5 25.0 37.6



#60  
Diethylphthalate  
Concen: 23.553 ng  
RT: 10.328 min Scan# 1400  
Delta R.T. -0.006 min  
Lab File: BF139348.D  
Acq: 13 Sep 2024 15:57

Tgt Ion:149 Resp: 147877  
Ion Ratio Lower Upper  
149 100  
177 20.2 16.6 24.8  
150 12.8 10.6 15.8

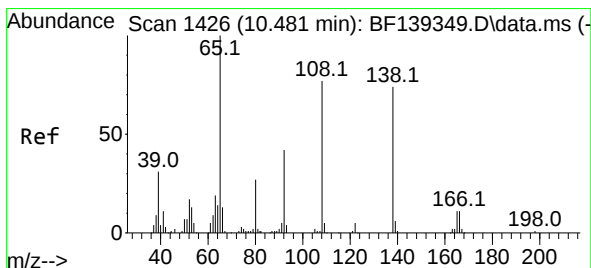
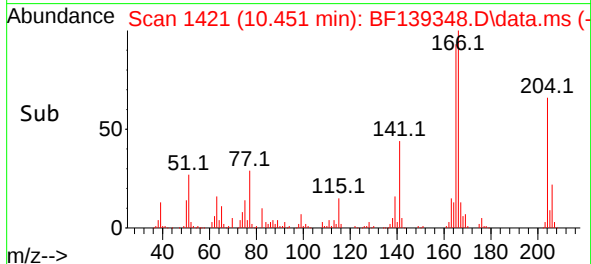
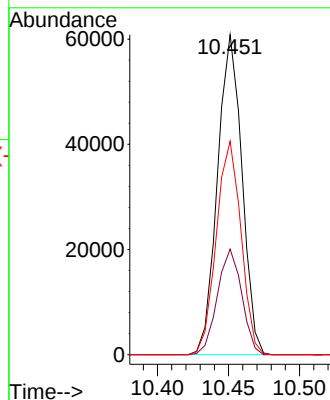
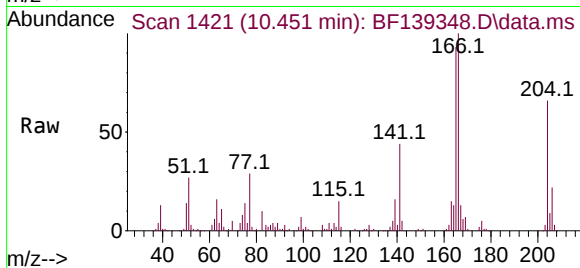




#61  
4-Chlorophenyl-phenylether  
Concen: 23.079 ng  
RT: 10.451 min Scan# 1421  
Delta R.T. -0.000 min  
Lab File: BF139348.D  
Acq: 13 Sep 2024 15:57

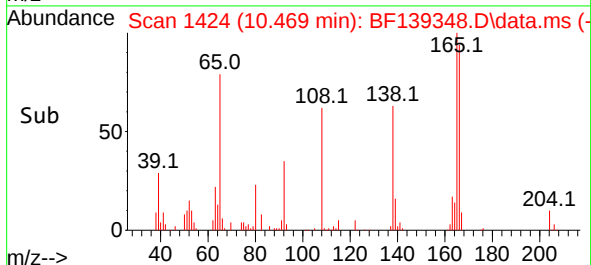
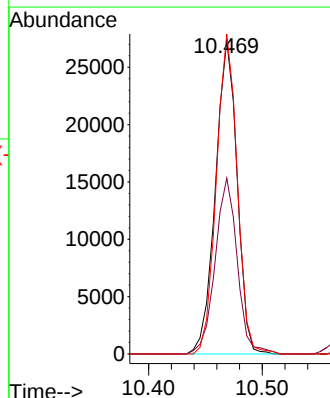
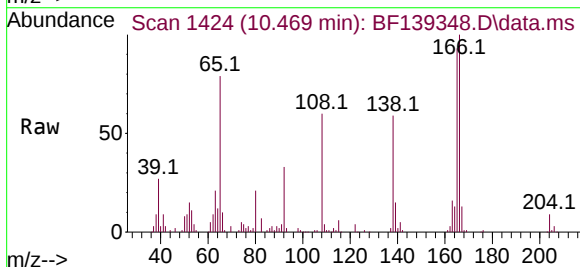
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

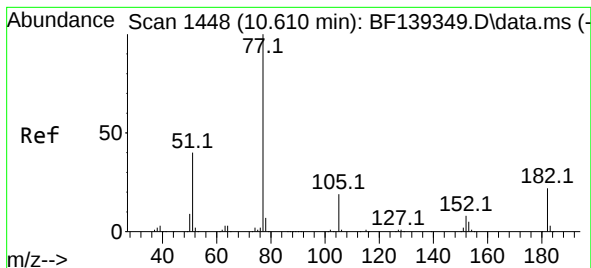
Tgt Ion:204 Resp: 72779  
Ion Ratio Lower Upper  
204 100  
206 33.0 26.2 39.2  
141 66.7 53.9 80.9



#62  
4-Nitroaniline  
Concen: 24.679 ng  
RT: 10.469 min Scan# 1424  
Delta R.T. -0.012 min  
Lab File: BF139348.D  
Acq: 13 Sep 2024 15:57

Tgt Ion:138 Resp: 36226  
Ion Ratio Lower Upper  
138 100  
92 56.1 37.0 77.0  
108 102.1 84.4 124.4





#63

Azobenzene

Concen: 21.869 ng

RT: 10.610 min Scan# 1448

Delta R.T. -0.000 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

Tgt Ion: 77 Resp: 144713

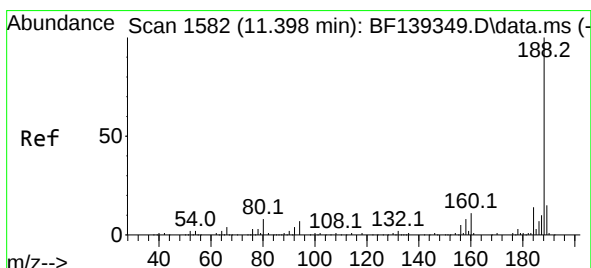
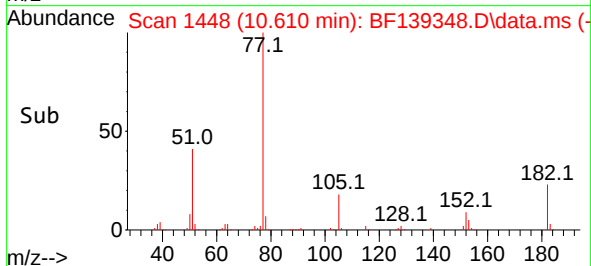
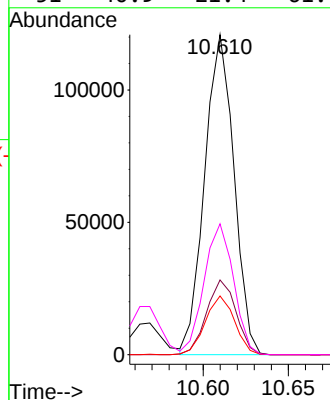
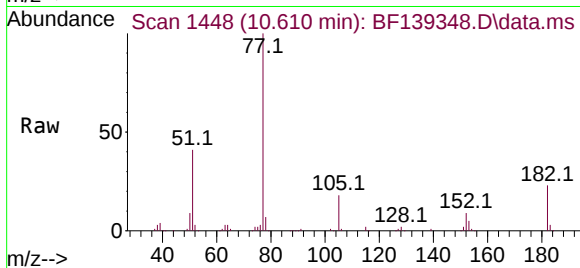
Ion Ratio Lower Upper

77 100

182 23.4 1.8 41.8

105 18.3 0.0 38.6

51 40.9 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: BF139348.D

Acq: 13 Sep 2024 15:57

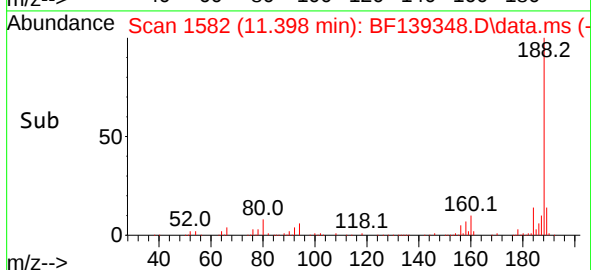
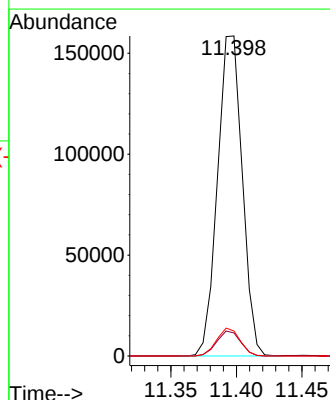
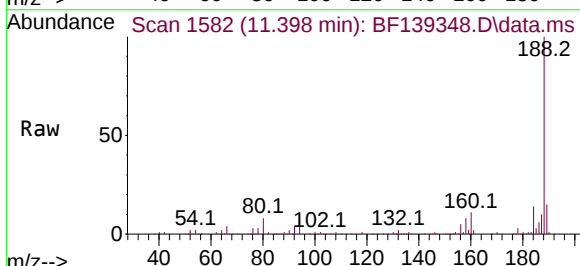
Tgt Ion: 188 Resp: 208290

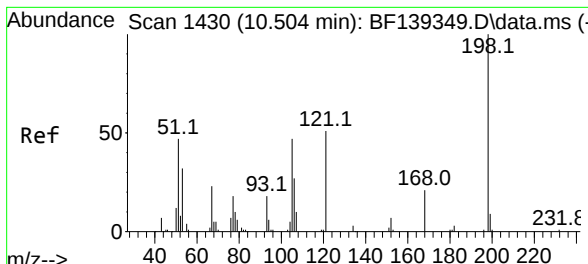
Ion Ratio Lower Upper

188 100

94 7.2 5.5 8.3

80 7.8 6.6 9.8



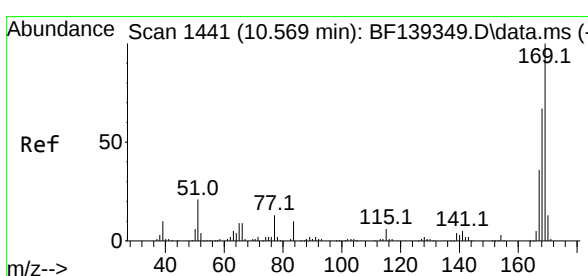
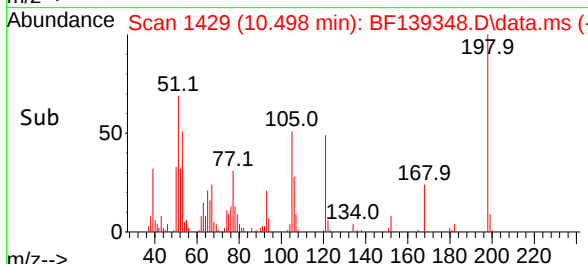
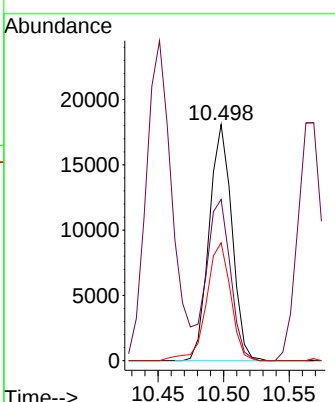
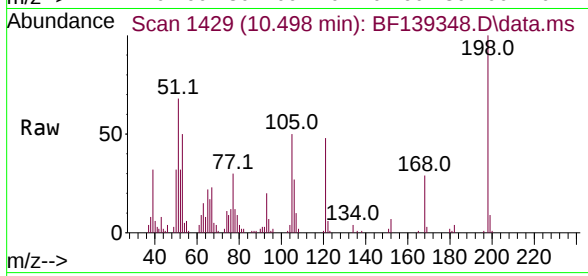


#65  
4,6-Dinitro-2-methylphenol  
Concen: 22.648 ng  
RT: 10.498 min Scan# 1429  
Delta R.T. -0.006 min  
Lab File: BF139348.D  
Acq: 13 Sep 2024 15:57

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

Tgt Ion:198 Resp: 21797

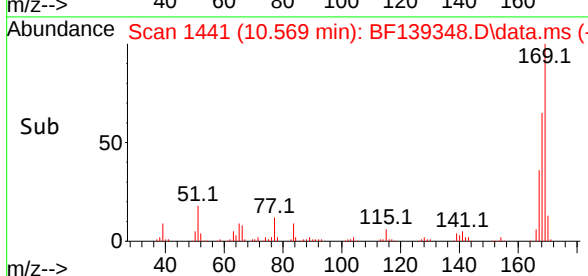
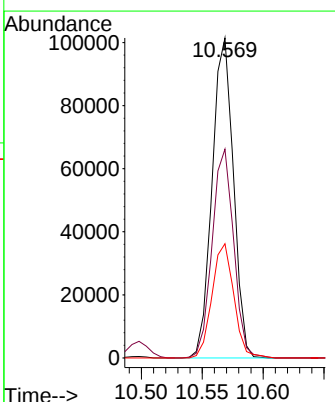
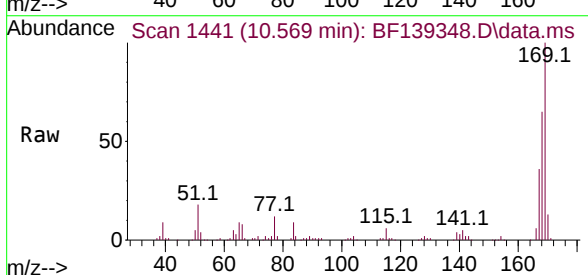
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 198 | 100   |       |       |
| 51  | 68.3  | 50.4  | 90.4  |
| 105 | 49.9  | 28.3  | 68.3  |

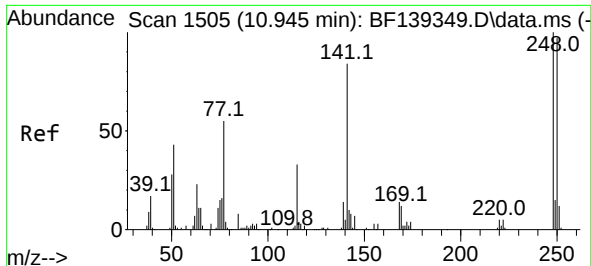


#66  
n-Nitrosodiphenylamine  
Concen: 20.356 ng  
RT: 10.569 min Scan# 1441  
Delta R.T. -0.000 min  
Lab File: BF139348.D  
Acq: 13 Sep 2024 15:57

Tgt Ion:169 Resp: 123420

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 169 | 100   |       |       |
| 168 | 65.3  | 53.6  | 80.4  |
| 167 | 35.7  | 28.7  | 43.1  |





#67

4-Bromophenyl-phenylether

Concen: 20.713 ng

RT: 10.939 min Scan# 1504

Delta R.T. -0.006 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

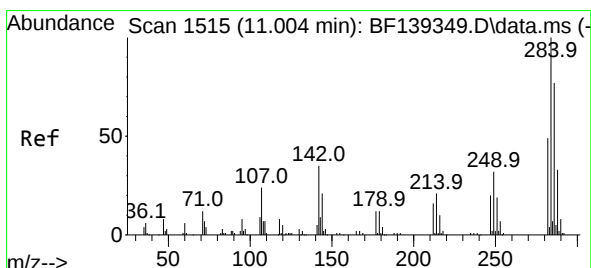
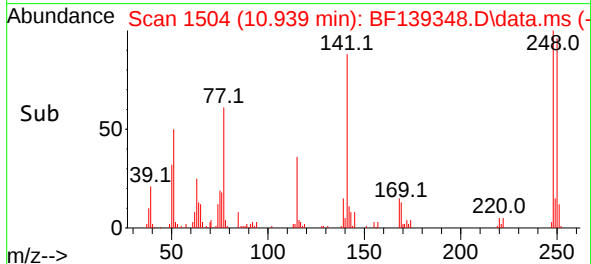
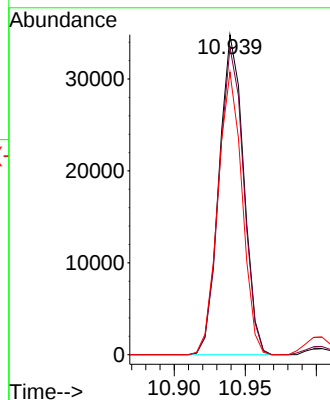
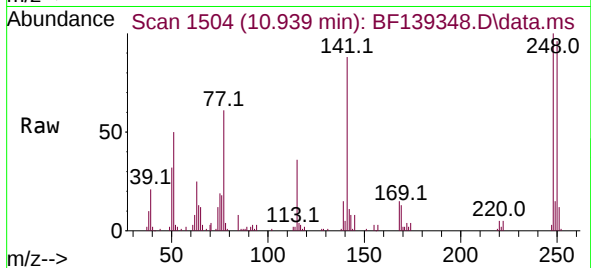
Tgt Ion:248 Resp: 41859

Ion Ratio Lower Upper

248 100

250 96.0 77.6 116.4

141 88.4 66.9 100.3



#68

Hexachlorobenzene

Concen: 20.548 ng

RT: 11.004 min Scan# 1515

Delta R.T. -0.000 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

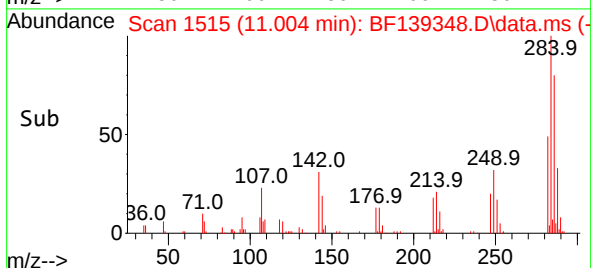
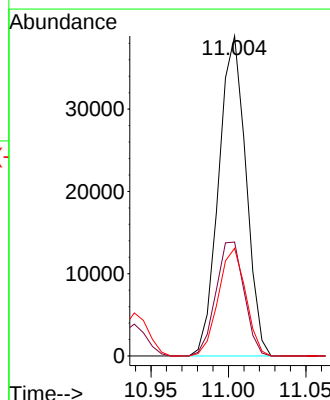
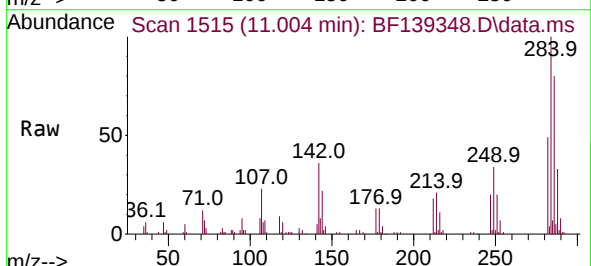
Tgt Ion:284 Resp: 47538

Ion Ratio Lower Upper

284 100

142 35.6 28.0 42.0

249 33.6 25.3 37.9





#69

Atrazine

Concen: 21.426 ng

RT: 11.092 min Scan# 1530

Delta R.T. -0.000 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

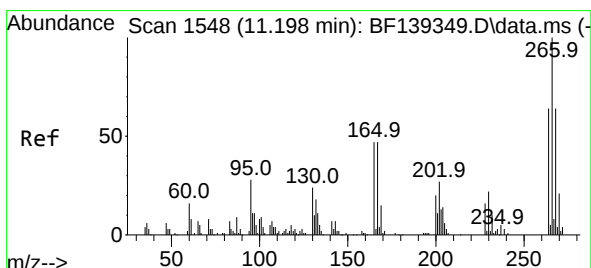
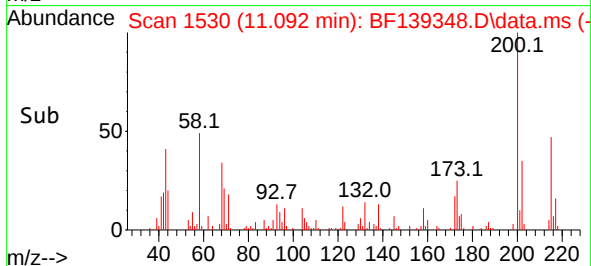
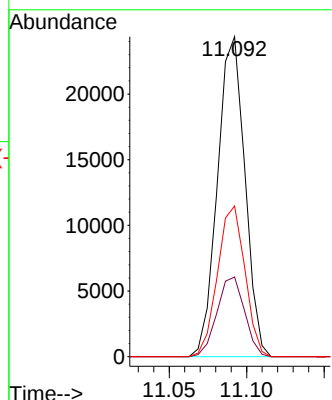
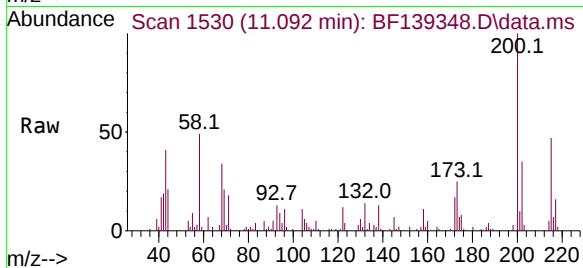
Tgt Ion:200 Resp: 29971

Ion Ratio Lower Upper

200 100

173 24.9 6.1 46.1

215 47.1 28.2 68.2



#70

Pentachlorophenol

Concen: 22.302 ng

RT: 11.198 min Scan# 1548

Delta R.T. -0.000 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

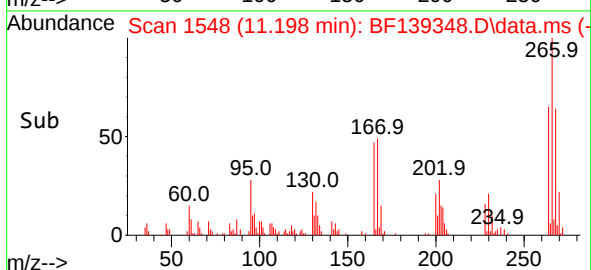
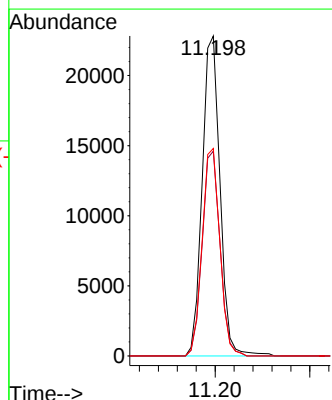
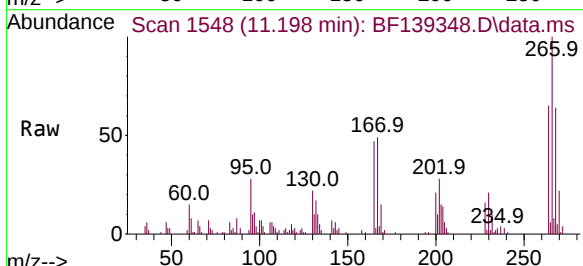
Tgt Ion:266 Resp: 29804

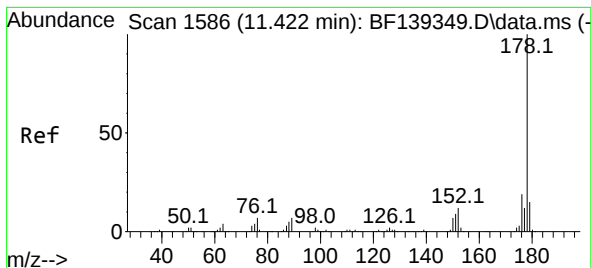
Ion Ratio Lower Upper

266 100

268 64.0 51.1 76.7

264 64.9 51.4 77.0





#71

Phenanthrene

Concen: 21.224 ng

RT: 11.422 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

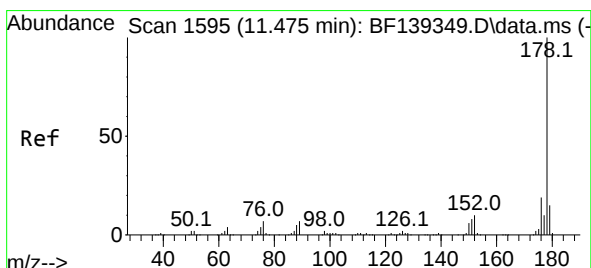
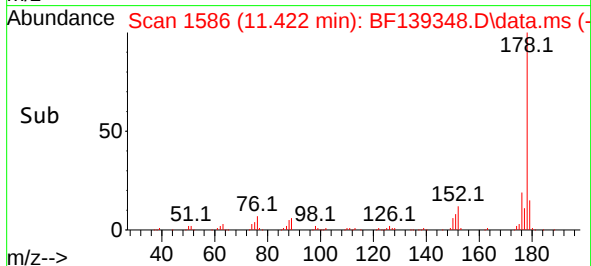
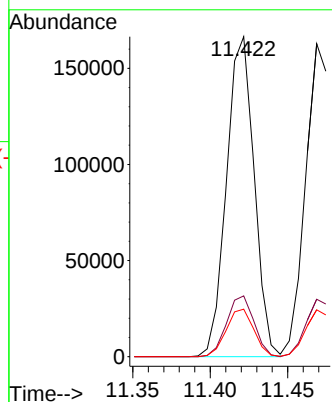
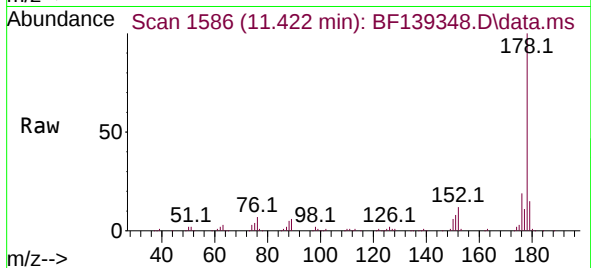
Tgt Ion:178 Resp: 206521

Ion Ratio Lower Upper

178 100

176 19.0 15.2 22.8

179 14.8 12.2 18.4



#72

Anthracene

Concen: 21.269 ng

RT: 11.469 min Scan# 1594

Delta R.T. -0.006 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

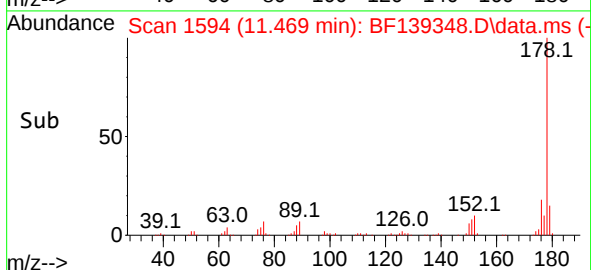
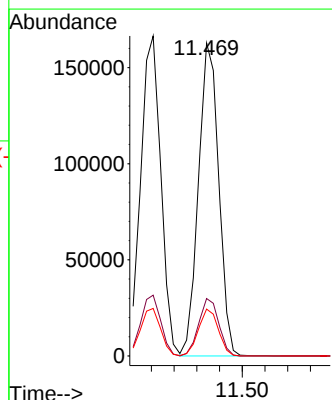
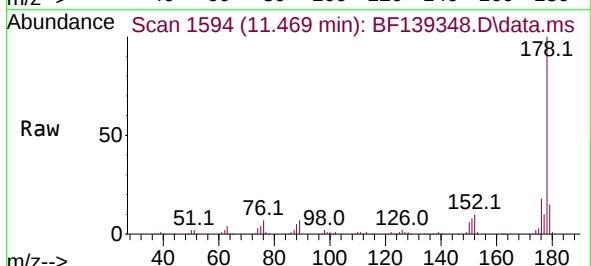
Tgt Ion:178 Resp: 202170

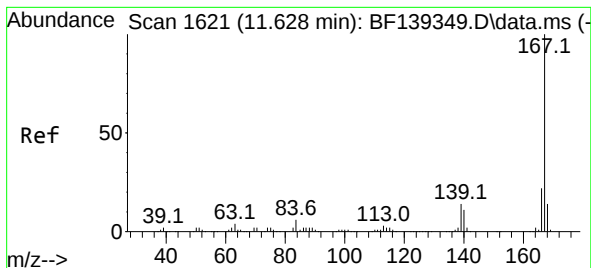
Ion Ratio Lower Upper

178 100

176 18.3 15.0 22.6

179 15.0 12.0 18.0





#73

Carbazole

Concen: 22.466 ng

RT: 11.627 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139348.D

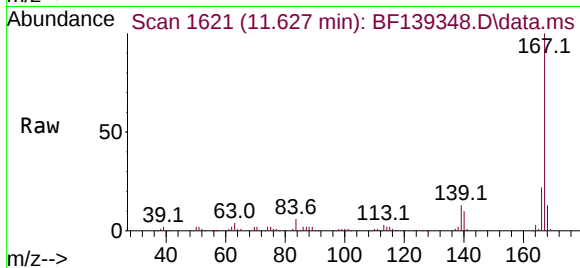
Acq: 13 Sep 2024 15:57

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020



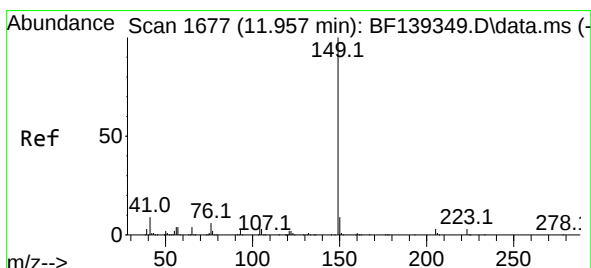
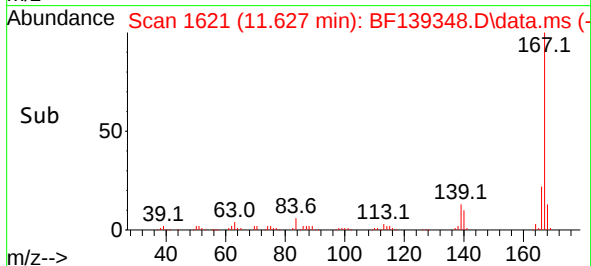
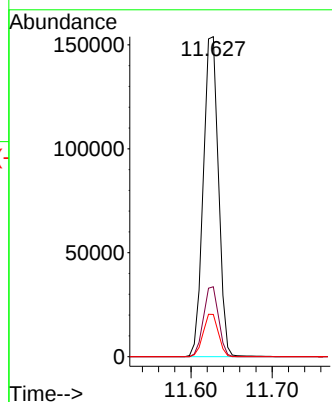
Tgt Ion:167 Resp: 199586

Ion Ratio Lower Upper

167 100

166 21.8 17.5 26.3

139 13.2 10.9 16.3



#74

Di-n-butylphthalate

Concen: 24.566 ng

RT: 11.957 min Scan# 1677

Delta R.T. -0.000 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

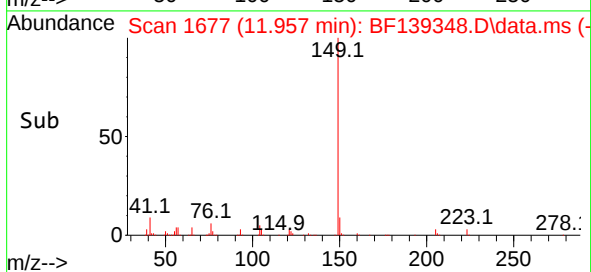
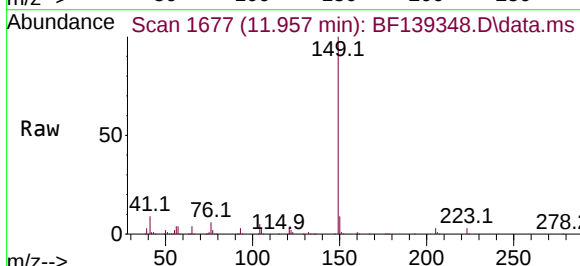
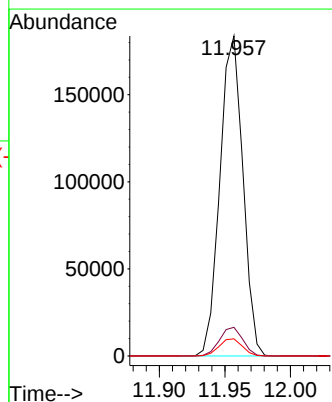
Tgt Ion:149 Resp: 223465

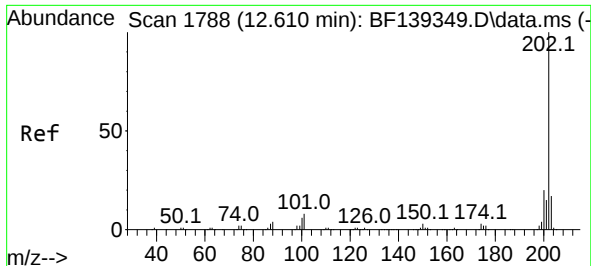
Ion Ratio Lower Upper

149 100

150 9.0 7.3 10.9

104 5.4 4.3 6.5

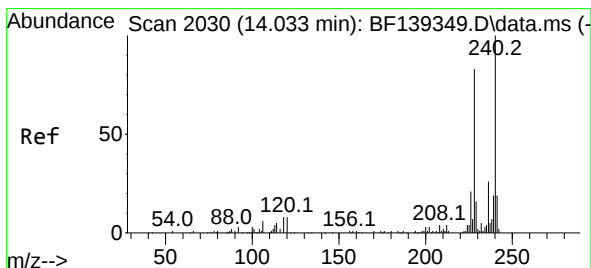
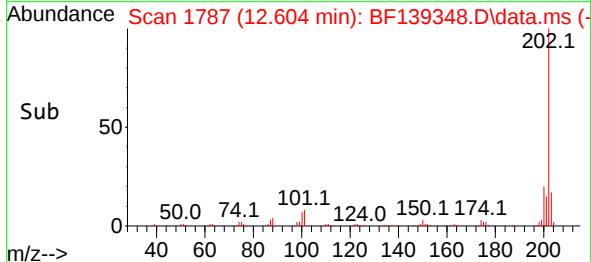
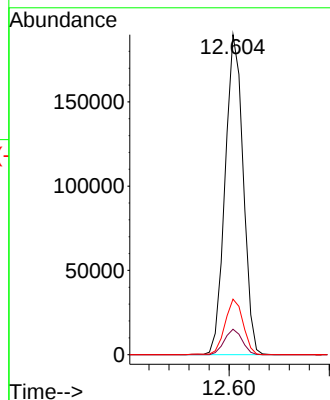
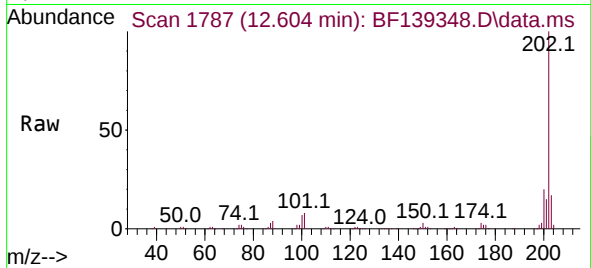




#75  
Fluoranthene  
Concen: 24.268 ng  
RT: 12.604 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF139348.D  
Acq: 13 Sep 2024 15:57

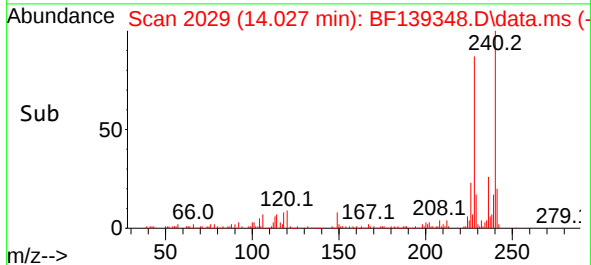
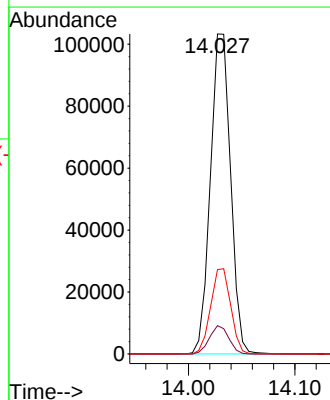
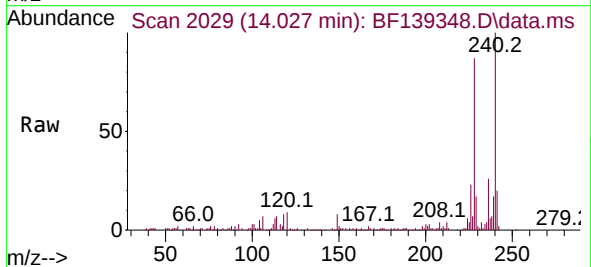
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

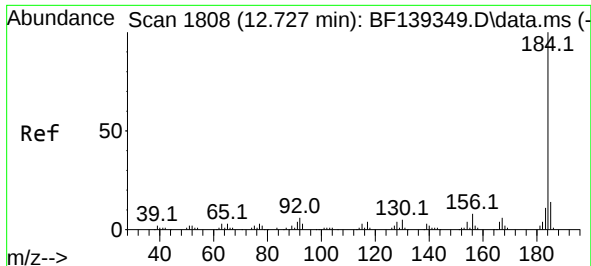
Tgt Ion:202 Resp: 236740  
Ion Ratio Lower Upper  
202 100  
101 8.0 0.0 27.7  
203 17.4 0.0 37.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.027 min Scan# 2029  
Delta R.T. -0.006 min  
Lab File: BF139348.D  
Acq: 13 Sep 2024 15:57

Tgt Ion:240 Resp: 135891  
Ion Ratio Lower Upper  
240 100  
120 8.9 6.2 9.2  
236 26.4 20.9 31.3

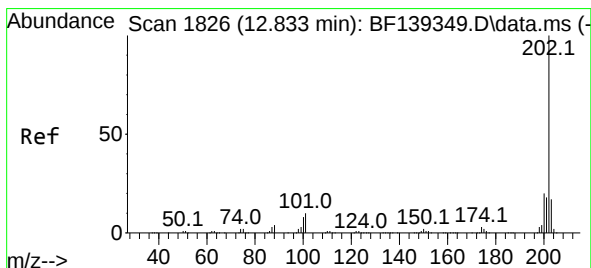
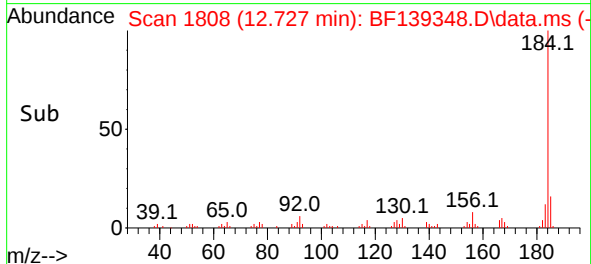
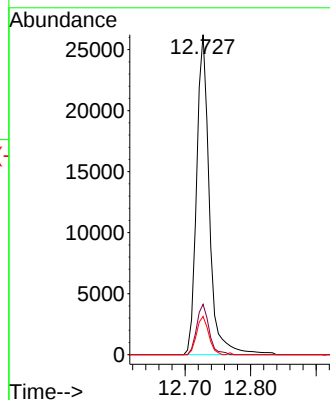
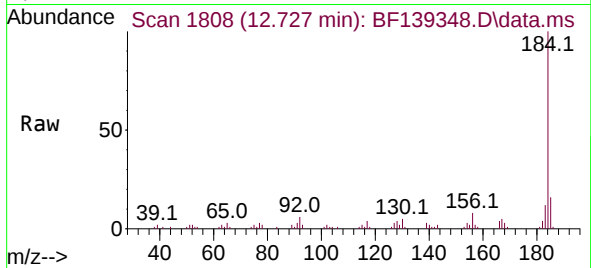




#77  
Benzidine  
Concen: 13.034 ng  
RT: 12.727 min Scan# 1808  
Delta R.T. -0.000 min  
Lab File: BF139348.D  
Acq: 13 Sep 2024 15:57

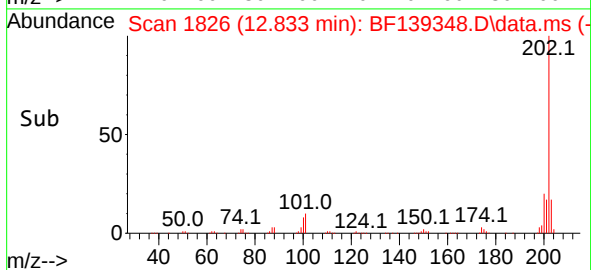
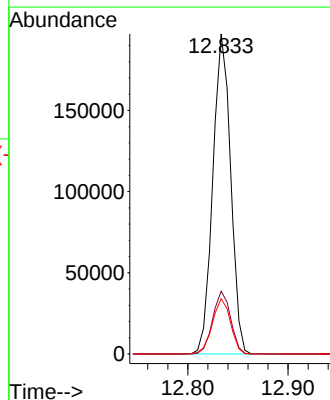
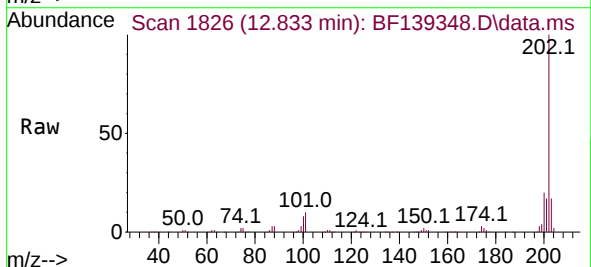
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

Tgt Ion:184 Resp: 35663  
Ion Ratio Lower Upper  
184 100  
185 15.8 11.5 17.3  
183 12.0 8.9 13.3



#78  
Pyrene  
Concen: 18.536 ng  
RT: 12.833 min Scan# 1826  
Delta R.T. -0.000 min  
Lab File: BF139348.D  
Acq: 13 Sep 2024 15:57

Tgt Ion:202 Resp: 243332  
Ion Ratio Lower Upper  
202 100  
200 19.6 16.2 24.2  
203 17.2 13.9 20.9





#79

Terphenyl-d14

Concen: 41.382 ng

RT: 12.974 min Scan# 1850

Delta R.T. -0.006 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

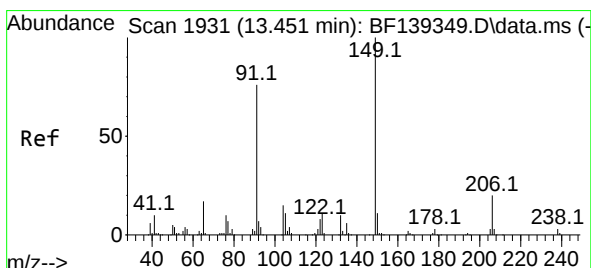
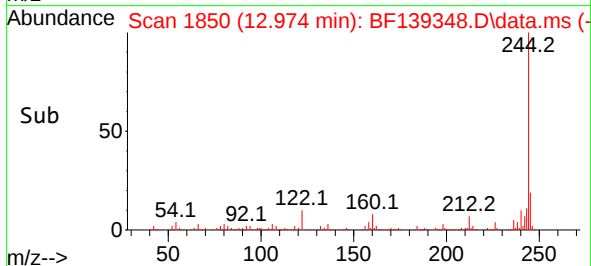
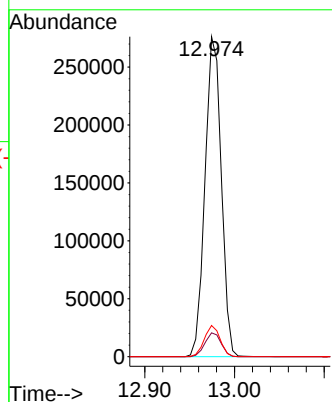
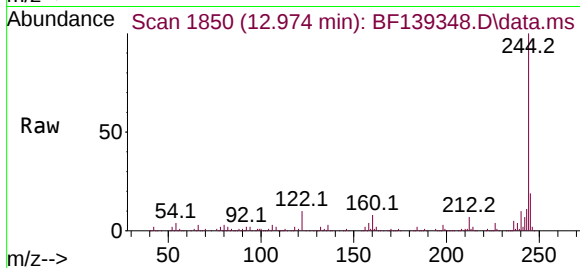
Tgt Ion:244 Resp: 348294

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

122 9.8 7.6 11.4



#80

Butylbenzylphthalate

Concen: 27.698 ng

RT: 13.451 min Scan# 1931

Delta R.T. -0.000 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

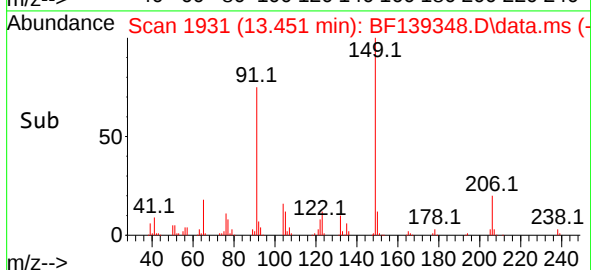
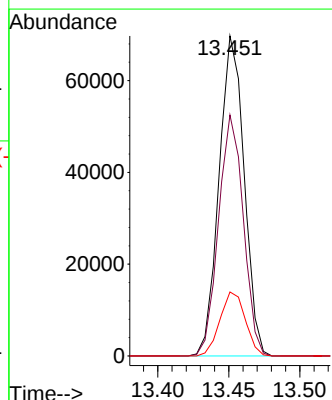
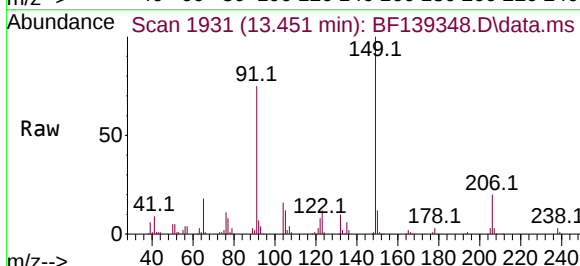
Tgt Ion:149 Resp: 85593

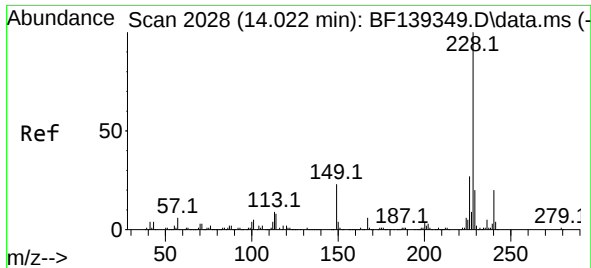
Ion Ratio Lower Upper

149 100

91 75.3 60.9 91.3

206 20.0 15.8 23.8

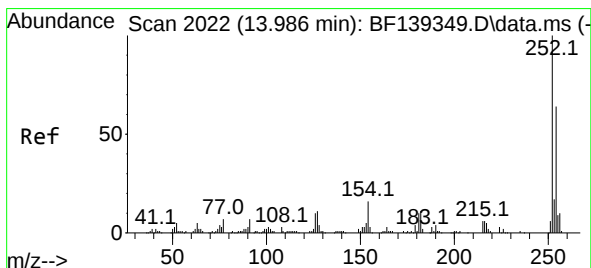
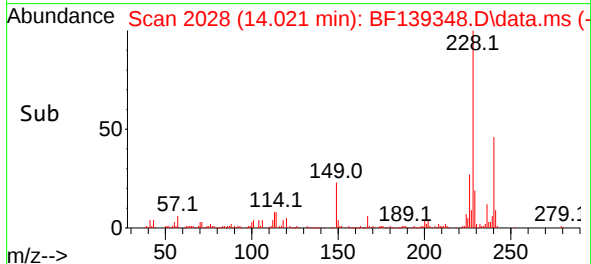
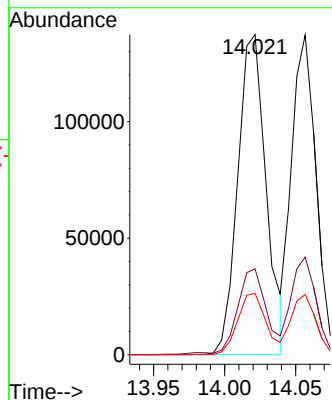
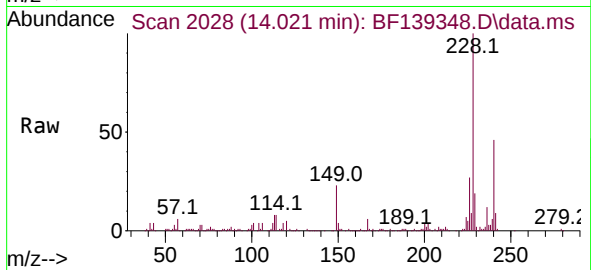




#81  
Benzo(a)anthracene  
Concen: 21.984 ng  
RT: 14.021 min Scan# 2028  
Delta R.T. -0.000 min  
Lab File: BF139348.D  
Acq: 13 Sep 2024 15:57

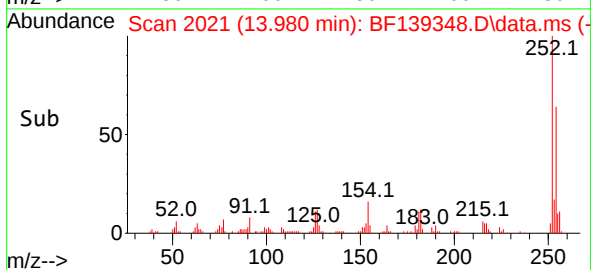
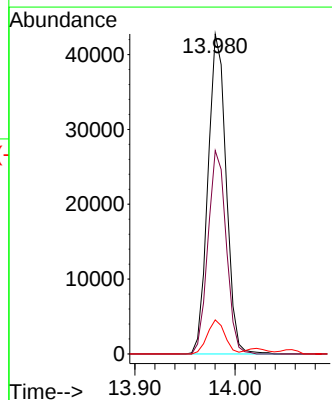
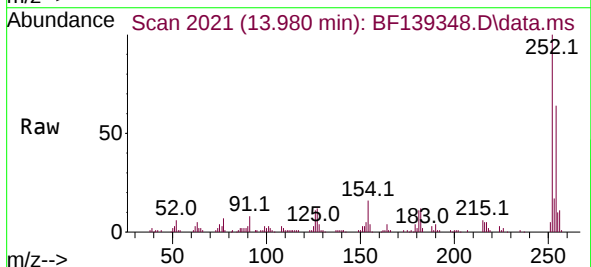
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

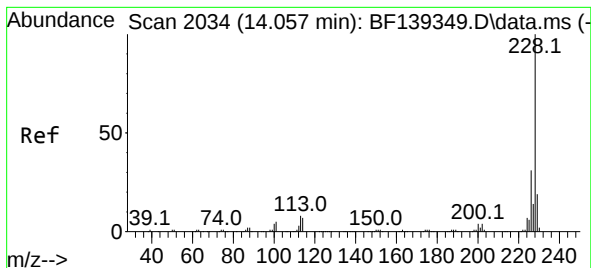
Tgt Ion:228 Resp: 190760  
Ion Ratio Lower Upper  
228 100  
226 26.8 21.6 32.4  
229 19.2 15.7 23.5



#82  
3,3'-Dichlorobenzidine  
Concen: 23.362 ng  
RT: 13.980 min Scan# 2021  
Delta R.T. -0.006 min  
Lab File: BF139348.D  
Acq: 13 Sep 2024 15:57

Tgt Ion:252 Resp: 53835  
Ion Ratio Lower Upper  
252 100  
254 63.6 51.4 77.2  
126 10.7 7.7 11.5





#83

Chrysene

Concen: 20.240 ng

RT: 14.057 min Scan# 2034

Delta R.T. -0.000 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

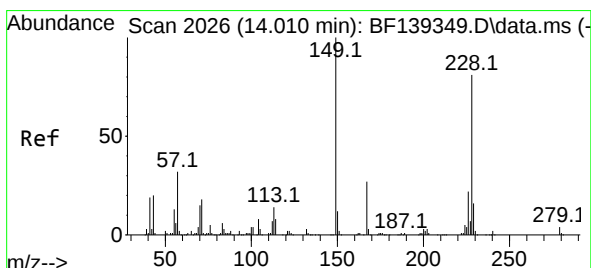
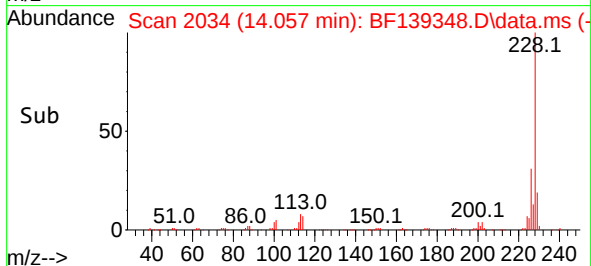
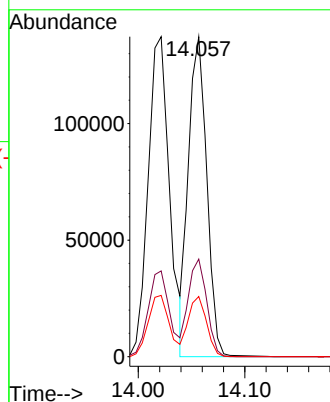
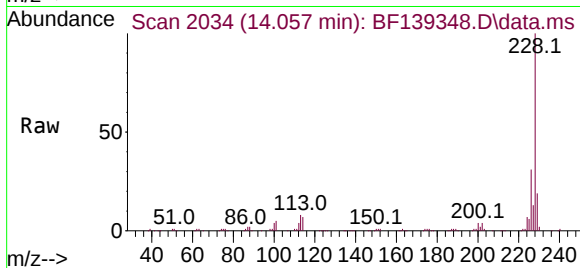
Tgt Ion:228 Resp: 163920

Ion Ratio Lower Upper

228 100

226 30.5 24.1 36.1

229 18.8 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 30.577 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

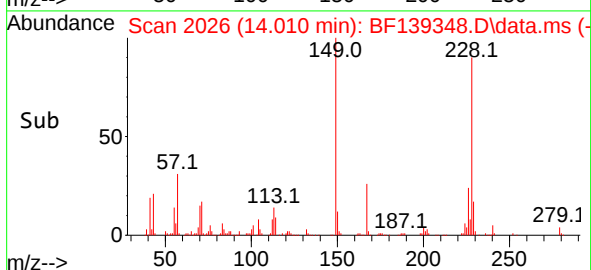
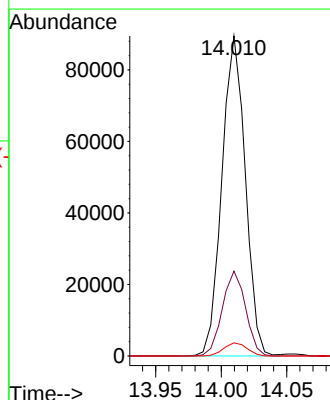
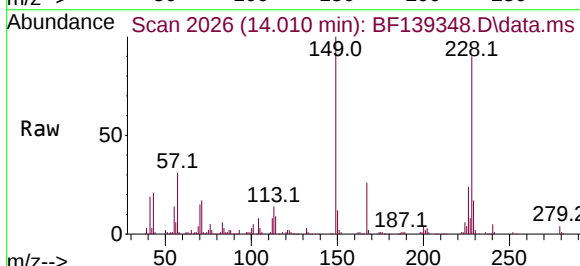
Tgt Ion:149 Resp: 110906

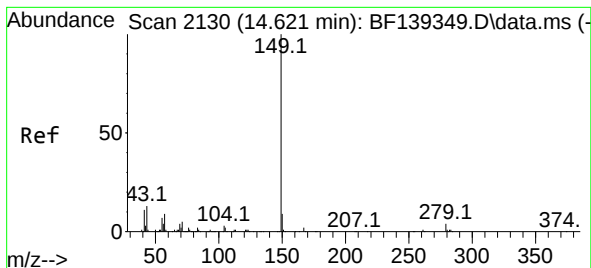
Ion Ratio Lower Upper

149 100

167 26.5 21.6 32.4

279 4.1 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 21.054 ng

RT: 14.621 min Scan# 2130

Delta R.T. -0.000 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

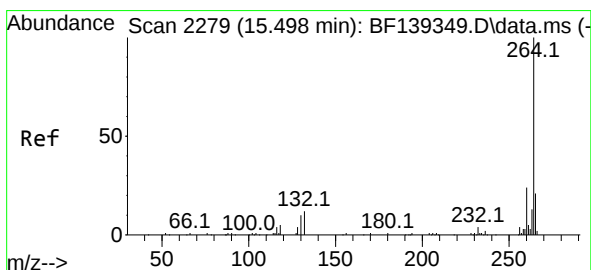
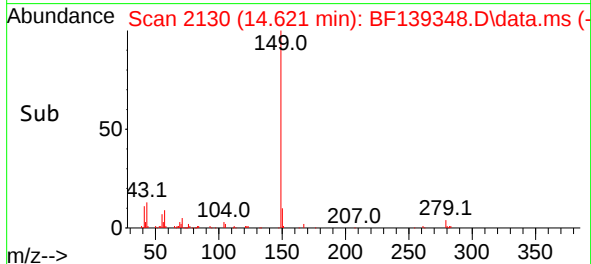
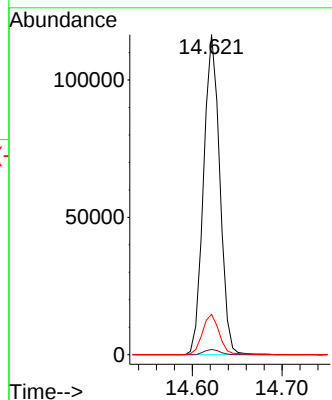
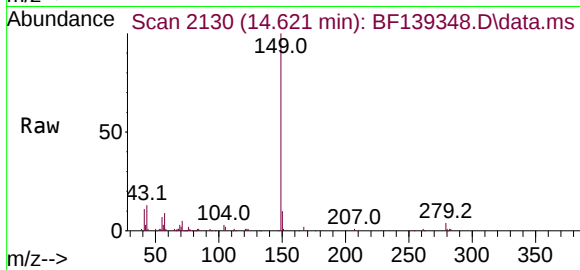
Tgt Ion:149 Resp: 146208

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 13.1 10.6 16.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2279

Delta R.T. -0.000 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

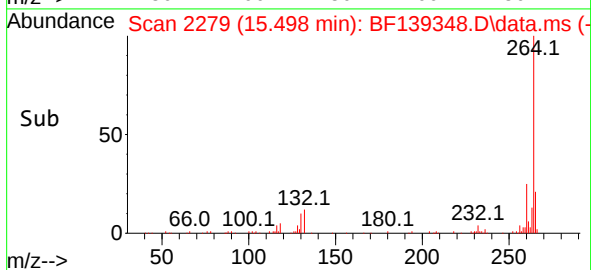
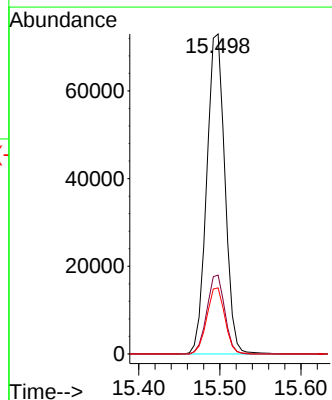
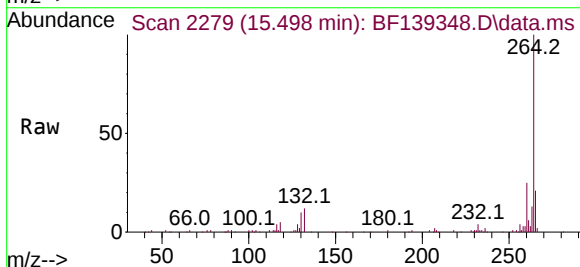
Tgt Ion:264 Resp: 113195

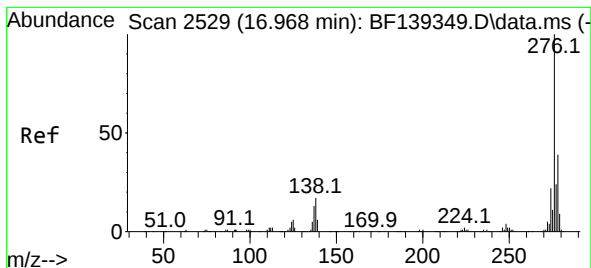
Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

265 20.6 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 18.812 ng

RT: 16.957 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

Instrument :

BNA\_F

ClientSampleId :

SSTDIC020

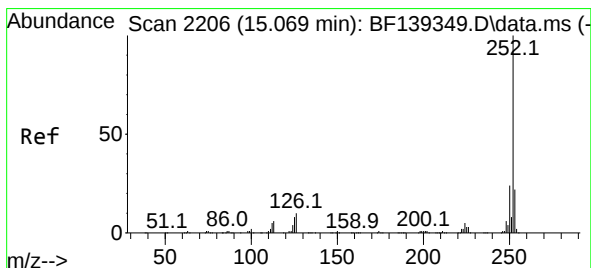
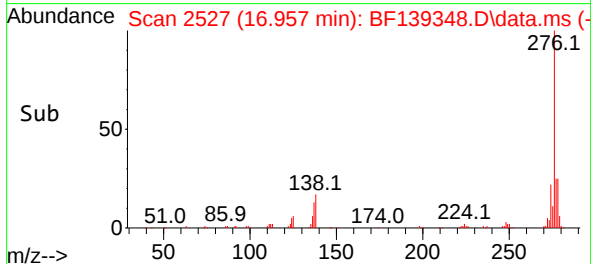
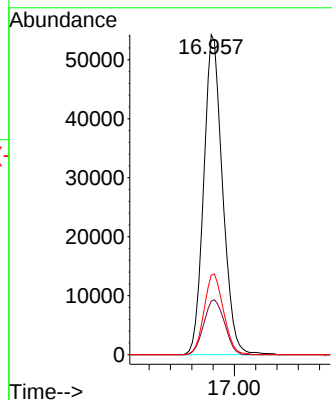
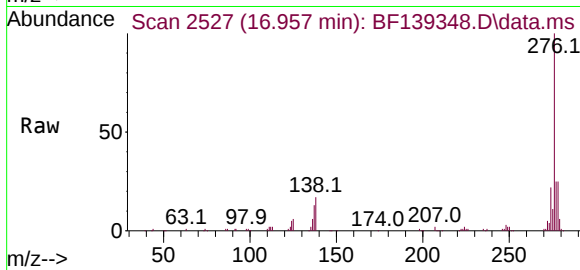
Tgt Ion:276 Resp: 133029

Ion Ratio Lower Upper

276 100

138 18.8 15.4 23.2

277 26.0 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 23.132 ng

RT: 15.063 min Scan# 2205

Delta R.T. -0.006 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

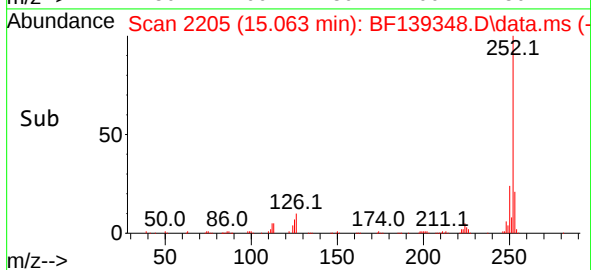
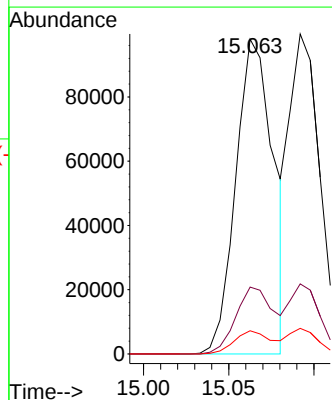
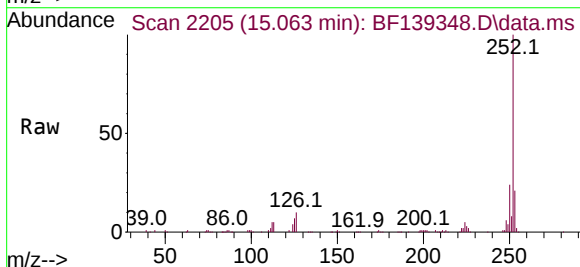
Tgt Ion:252 Resp: 150795

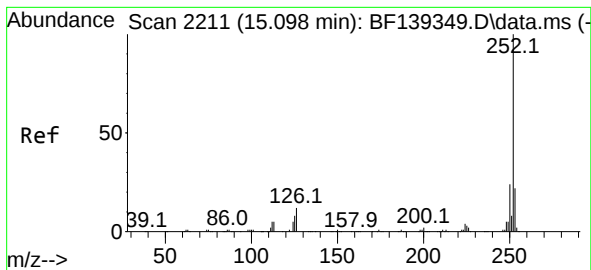
Ion Ratio Lower Upper

252 100

253 21.2 17.6 26.4

125 7.4 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 21.436 ng

RT: 15.092 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

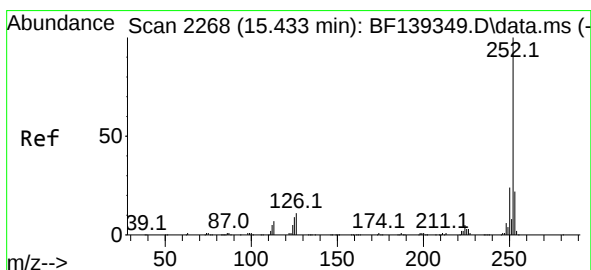
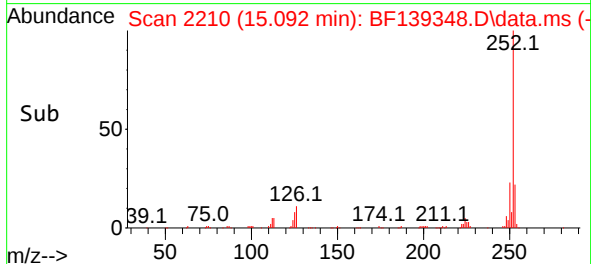
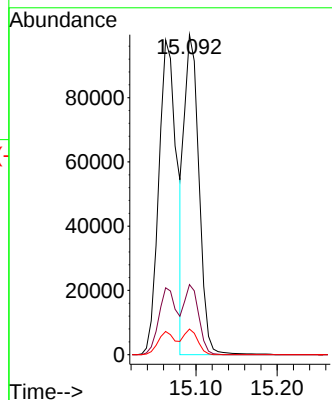
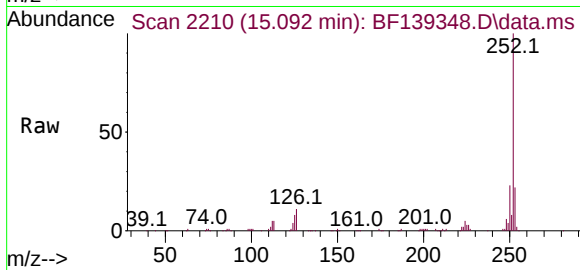
Tgt Ion:252 Resp: 125290

Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 8.0 5.9 8.9



#90

Benzo(a)pyrene

Concen: 21.093 ng

RT: 15.433 min Scan# 2268

Delta R.T. -0.000 min

Lab File: BF139348.D

Acq: 13 Sep 2024 15:57

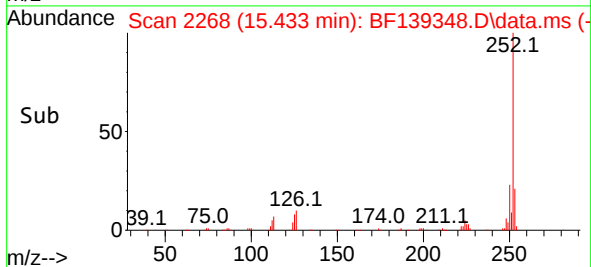
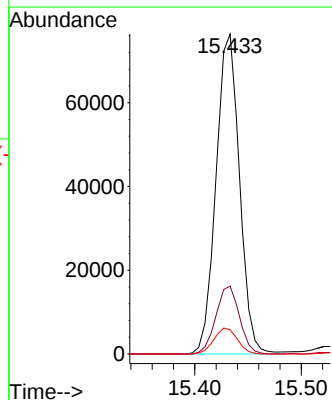
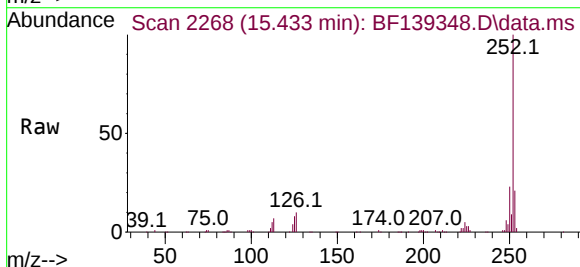
Tgt Ion:252 Resp: 116755

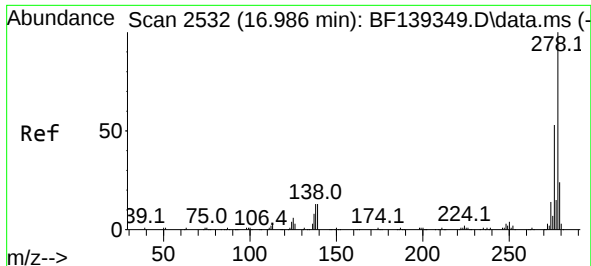
Ion Ratio Lower Upper

252 100

253 21.2 17.3 25.9

125 7.6 6.8 10.2

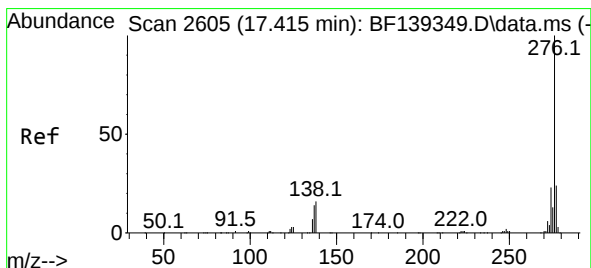
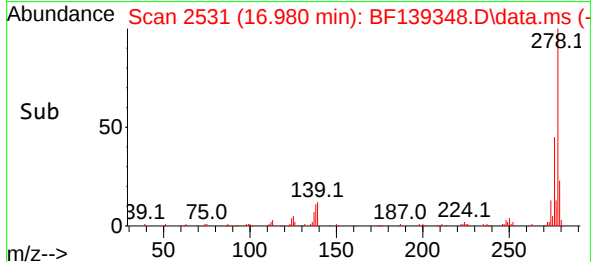
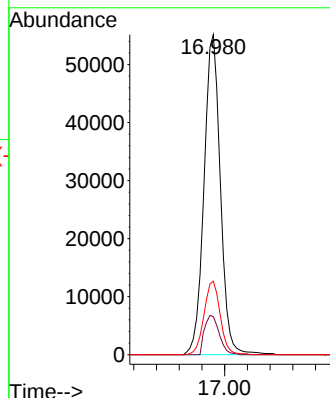
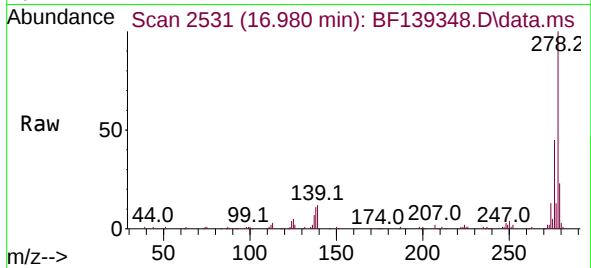




#91  
Dibenzo(a,h)anthracene  
Concen: 18.908 ng  
RT: 16.980 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BF139348.D  
Acq: 13 Sep 2024 15:57

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

Tgt Ion:278 Resp: 110187  
Ion Ratio Lower Upper  
278 100  
139 11.9 10.2 15.2  
279 23.0 18.9 28.3



#92  
Benzo(g,h,i)perylene  
Concen: 18.329 ng  
RT: 17.404 min Scan# 2603  
Delta R.T. -0.012 min  
Lab File: BF139348.D  
Acq: 13 Sep 2024 15:57

Tgt Ion:276 Resp: 110255  
Ion Ratio Lower Upper  
276 100  
277 23.3 18.9 28.3  
138 15.8 13.0 19.6

