

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101824\  
 Data File : BF139844.D  
 Acq On : 18 Oct 2024 10:27  
 Operator : RC/JU  
 Sample : SSTDICC2.5  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

Quant Time: Oct 18 14:15:43 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF101824.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 18 14:11:20 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.887  | 152  | 190003   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.169  | 136  | 748539   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.928  | 164  | 423999   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.410 | 188  | 760140   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.051 | 240  | 519381   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.527 | 264  | 410408   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.493  | 112  | 68780    | 5.667  | ng    | 0.00     |
| 7) Phenol-d6                  | 6.493  | 99   | 90045    | 5.728  | ng    | -0.02    |
| 23) Nitrobenzene-d5           | 7.440  | 82   | 64975    | 4.811  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.710 | 330  | 19268    | 4.858  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.245  | 172  | 160059   | 6.239  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.992 | 244  | 171134   | 5.369  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.687  | 88   | 15473    | 2.734  | ng    | 96       |
| 3) Pyridine                   | 3.452  | 79   | 38349    | 2.734  | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.375  | 42   | 20454    | 2.714  | ng    | # 95     |
| 6) Aniline                    | 6.546  | 93   | 38675    | 2.640  | ng    | 100      |
| 8) 2-Chlorophenol             | 6.663  | 128  | 35963    | 2.898  | ng    | 99       |
| 9) Benzaldehyde               | 6.434  | 77   | 25786    | 2.916  | ng    | 98       |
| 10) Phenol                    | 6.504  | 94   | 46377    | 2.811  | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 6.616  | 93   | 34814    | 2.779  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.828  | 146  | 41182    | 2.891  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.904  | 146  | 39984    | 2.810  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.057  | 146  | 40380    | 3.041  | ng    | 98       |
| 15) Benzyl Alcohol            | 7.016  | 79   | 31148    | 2.701  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.163  | 45   | 60132    | 2.815  | ng    | 100      |
| 17) 2-Methylphenol            | 7.122  | 107  | 28878    | 2.729  | ng    | 99       |
| 18) Hexachloroethane          | 7.404  | 117  | 14050    | 2.769  | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 7.287  | 70   | 26252    | 2.754  | ng    | 94       |
| 20) 3+4-Methylphenols         | 7.275  | 107  | 38273    | 2.828  | ng    | 95       |
| 22) Acetophenone              | 7.287  | 105  | 54865    | 2.992  | ng    | 97       |
| 24) Nitrobenzene              | 7.457  | 77   | 36483    | 2.464  | ng    | 94       |
| 25) Isophorone                | 7.698  | 82   | 68918    | 2.689  | ng    | 98       |
| 26) 2-Nitrophenol             | 7.781  | 139  | 10676    | 1.911  | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 7.810  | 122  | 25695    | 2.759  | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 7.910  | 93   | 43589    | 2.807  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.016  | 162  | 27337    | 2.577  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.110  | 180  | 32863    | 2.799  | ng    | 100      |
| 31) Naphthalene               | 8.192  | 128  | 111695   | 2.893  | ng    | 99       |
| 32) Benzoic acid              | 7.810  | 122  | 25695    | 3.163  | ng    | # 13     |
| 33) 4-Chloroaniline           | 8.234  | 127  | 35430    | 2.691  | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.310  | 225  | 20570    | 2.789  | ng    | 99       |
| 35) Caprolactam               | 8.551  | 113  | 8333     | 2.470  | ng    | 96       |
| 36) 4-Chloro-3-methylphenol   | 8.698  | 107  | 30788    | 2.621  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.881  | 142  | 68150    | 2.882  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.981  | 142  | 67529    | 2.911  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.045  | 216  | 30753    | 2.688  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 9.034  | 237  | 9516     | 2.391  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.151  | 196  | 20359    | 2.514  | ng    | 99       |

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 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

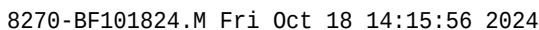
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

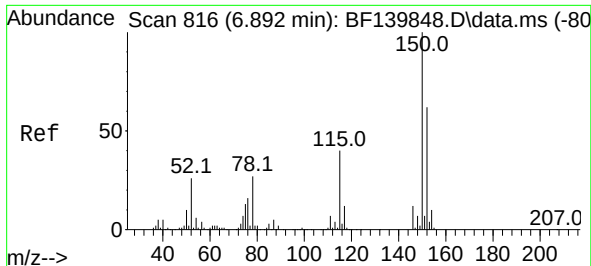
Quant Time: Oct 18 14:15:43 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF101824.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 18 14:11:20 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.187  | 196  | 21568    | 2.581 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 9.345  | 154  | 86672    | 2.936 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.369  | 162  | 67188    | 2.826 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.457  | 65   | 14551    | 2.001 | ng    | 95       |
| 49) Acenaphthylene            | 9.786  | 152  | 98382    | 2.863 | ng    | 99       |
| 50) Dimethylphthalate         | 9.639  | 163  | 73525    | 2.784 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.698  | 165  | 11299    | 1.976 | ng    | 91       |
| 52) Acenaphthene              | 9.957  | 154  | 62691    | 2.820 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.863  | 138  | 12799    | 2.170 | ng    | # 95     |
| 54) 2,4-Dinitrophenol         | 9.969  | 184  | 1600     | 7.146 | ng    | # 1      |
| 55) Dibenzofuran              | 10.128 | 168  | 94944    | 2.976 | ng    | 96       |
| 56) 4-Nitrophenol             | 10.004 | 139  | 8199     | 1.807 | ng    | 90       |
| 57) 2,4-Dinitrotoluene        | 10.098 | 165  | 12069    | 1.716 | ng    | 87       |
| 58) Fluorene                  | 10.469 | 166  | 75001    | 3.087 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.239 | 232  | 16393    | 2.503 | ng    | # 97     |
| 60) Diethylphthalate          | 10.339 | 149  | 70390    | 2.715 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.469 | 204  | 36024    | 2.936 | ng    | 98       |
| 62) 4-Nitroaniline            | 10.469 | 138  | 11768    | 2.113 | ng    | 95       |
| 63) Azobenzene                | 10.622 | 77   | 75879    | 2.760 | ng    | 100      |
| 65) 4,6-Dinitro-2-methylph... | 10.504 | 198  | 2621     | 0.845 | ng    | 86       |
| 66) n-Nitrosodiphenylamine    | 10.581 | 169  | 63824    | 2.805 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether | 10.957 | 248  | 21358    | 2.727 | ng    | 94       |
| 68) Hexachlorobenzene         | 11.016 | 284  | 24002    | 2.725 | ng    | 98       |
| 69) Atrazine                  | 11.104 | 200  | 18075    | 2.933 | ng    | 97       |
| 70) Pentachlorophenol         | 11.210 | 266  | 9089     | 1.700 | ng    | 97       |
| 71) Phenanthrene              | 11.433 | 178  | 106098   | 2.955 | ng    | 97       |
| 72) Anthracene                | 11.486 | 178  | 101133   | 2.887 | ng    | 98       |
| 73) Carbazole                 | 11.639 | 167  | 95746    | 2.939 | ng    | 98       |
| 74) Di-n-butylphthalate       | 11.975 | 149  | 100389   | 2.667 | ng    | 99       |
| 75) Fluoranthene              | 12.622 | 202  | 107673   | 2.966 | ng    | 99       |
| 77) Benzidine                 | 12.745 | 184  | 29940    | 3.544 | ng    | 98       |
| 78) Pyrene                    | 12.851 | 202  | 115746   | 2.546 | ng    | 98       |
| 80) Butylbenzylphthalate      | 13.474 | 149  | 30436    | 2.233 | ng    | 98       |
| 81) Benzo(a)anthracene        | 14.039 | 228  | 91340    | 2.702 | ng    | 97       |
| 82) 3,3'-Dichlorobenzidine    | 14.004 | 252  | 23585    | 2.393 | ng    | 98       |
| 83) Chrysene                  | 14.074 | 228  | 85980    | 2.774 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 14.033 | 149  | 34360    | 2.247 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.651 | 149  | 41560    | 1.494 | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.010 | 276  | 56959    | 2.157 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.092 | 252  | 63562    | 2.542 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 15.121 | 252  | 61842    | 2.868 | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.463 | 252  | 50627    | 2.461 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 17.033 | 278  | 47755    | 2.168 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.457 | 276  | 46898    | 2.132 | ng    | 98       |

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

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QLast Update : Fri Oct 18 14:11:20 2024  
Response via : Initial Calibration

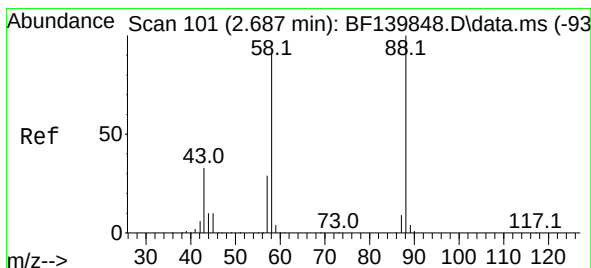
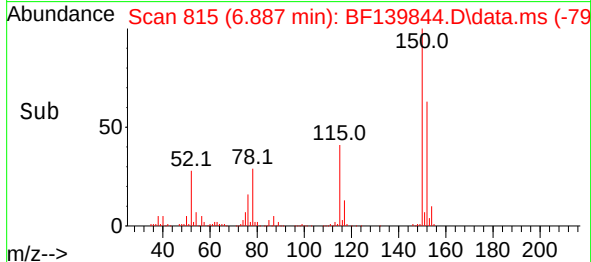
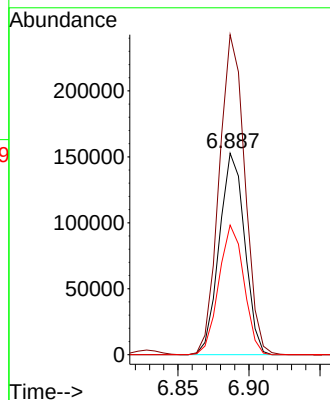
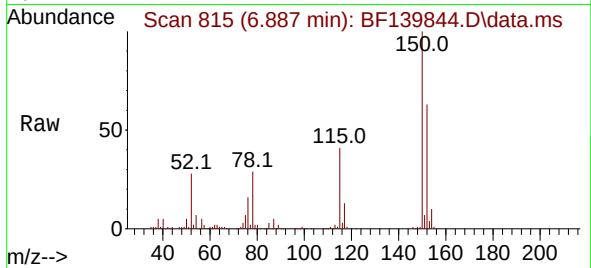




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.887 min Scan# 816  
Delta R.T. -0.005 min  
Lab File: BF139844.D  
Acq: 18 Oct 2024 10:27

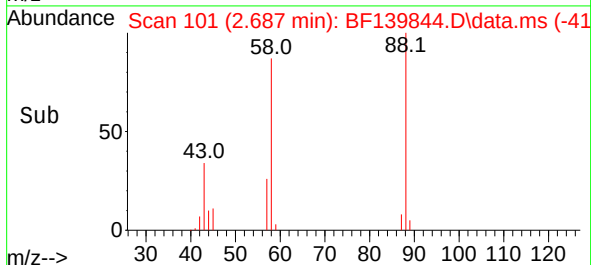
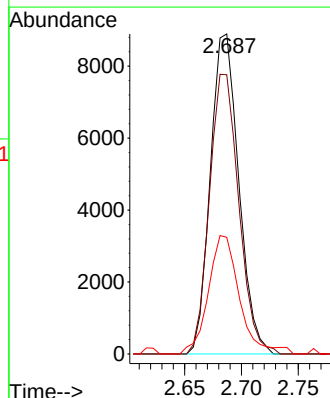
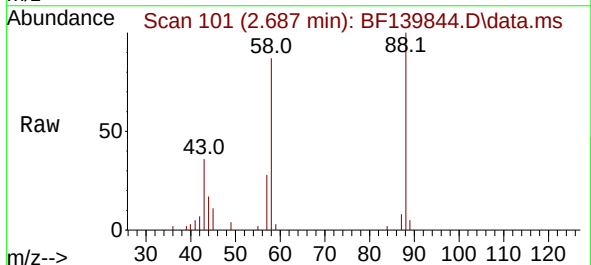
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

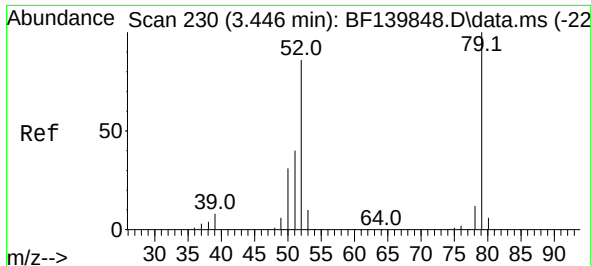
Tgt Ion:152 Resp: 190003  
Ion Ratio Lower Upper  
152 100  
150 158.9 130.2 195.2  
115 64.4 51.4 77.2



#2  
1,4-Dioxane  
Concen: 2.734 ng  
RT: 2.687 min Scan# 101  
Delta R.T. 0.000 min  
Lab File: BF139844.D  
Acq: 18 Oct 2024 10:27

Tgt Ion: 88 Resp: 15473  
Ion Ratio Lower Upper  
88 100  
58 90.4 73.3 109.9  
43 40.5 27.1 40.7





#3

Pyridine

Concen: 2.734 ng

RT: 3.452 min Scan# 218

Delta R.T. 0.006 min

Lab File: BF139844.D

Acq: 18 Oct 2024 10:27

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

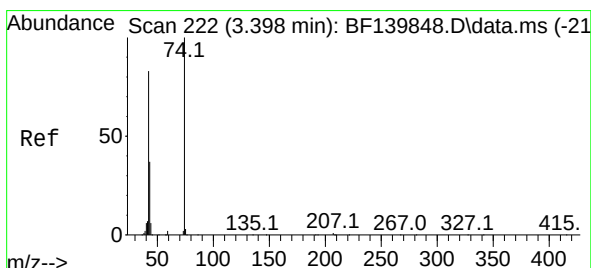
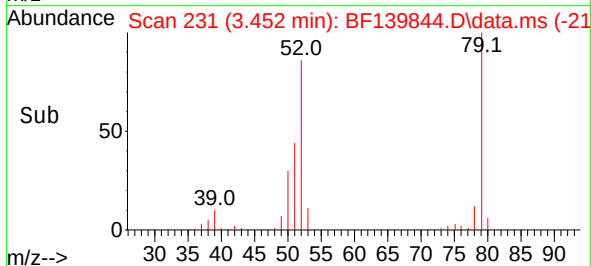
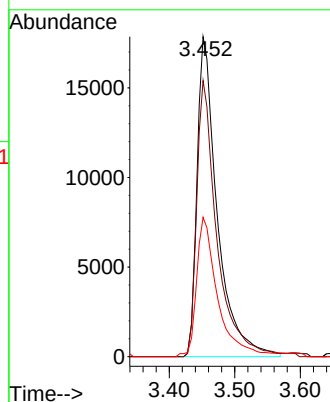
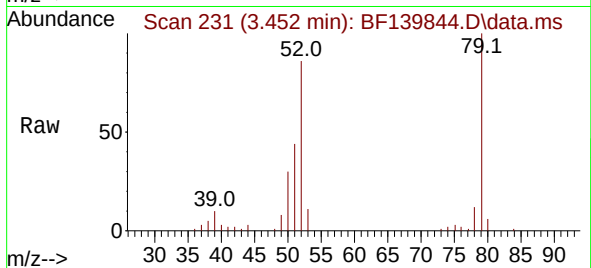
Tgt Ion: 79 Resp: 38349

Ion Ratio Lower Upper

79 100

52 86.3 68.5 102.7

51 43.6 32.3 48.5



#4

n-Nitrosodimethylamine

Concen: 2.714 ng

RT: 3.375 min Scan# 218

Delta R.T. -0.023 min

Lab File: BF139844.D

Acq: 18 Oct 2024 10:27

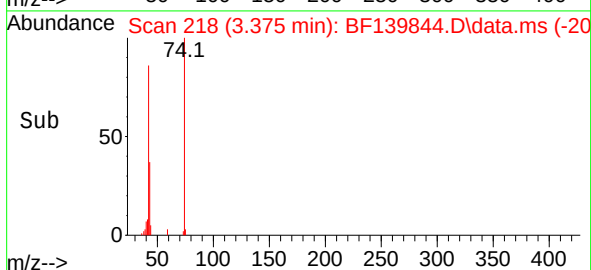
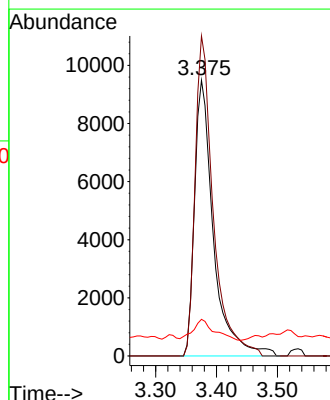
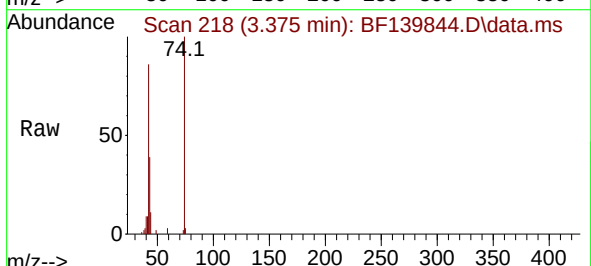
Tgt Ion: 42 Resp: 20454

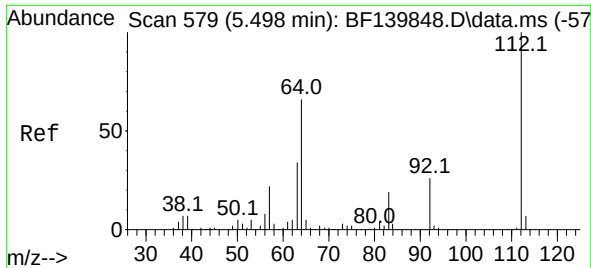
Ion Ratio Lower Upper

42 100

74 116.1 96.2 144.4

44 13.3 6.2 9.2#

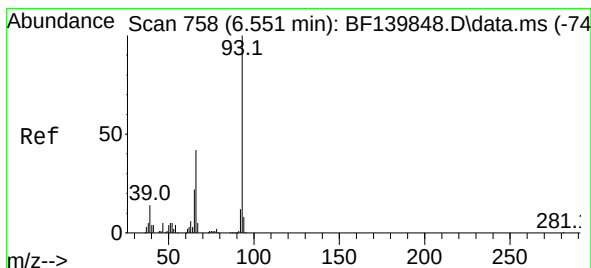
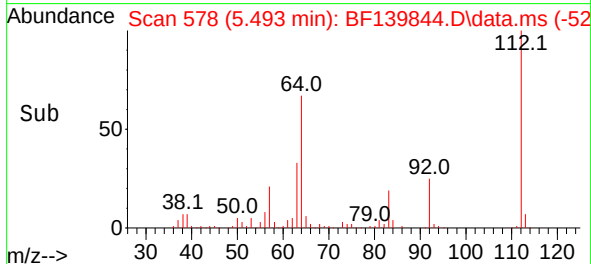
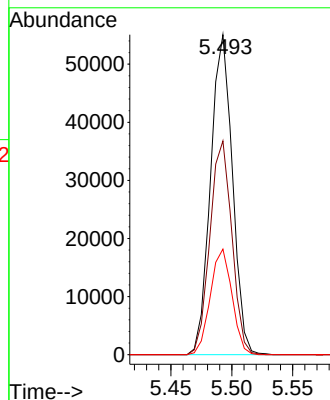
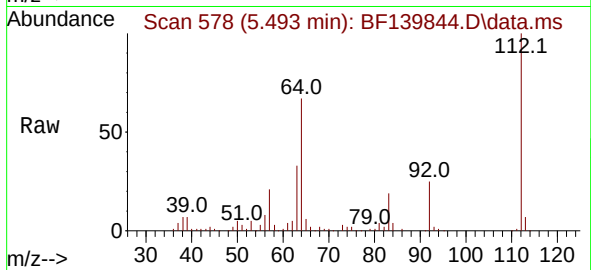




#5  
2-Fluorophenol  
Concen: 5.667 ng  
RT: 5.493 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: BF139844.D  
Acq: 18 Oct 2024 10:27

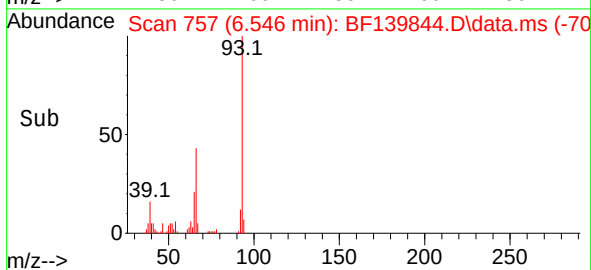
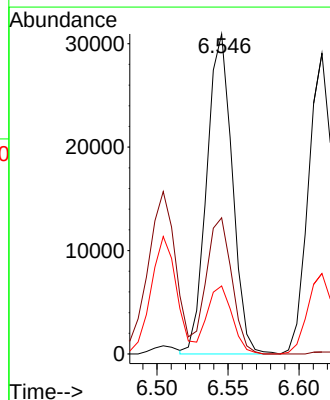
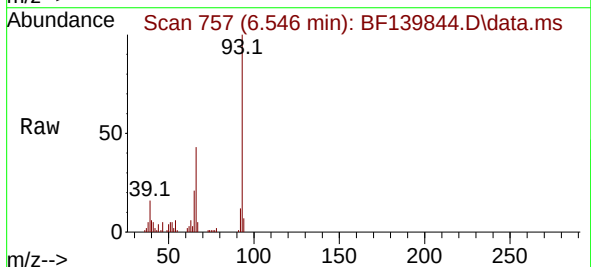
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

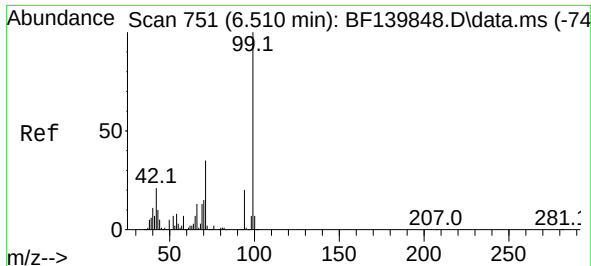
Tgt Ion:112 Resp: 68780  
Ion Ratio Lower Upper  
112 100  
64 66.8 53.0 79.6  
63 33.0 27.0 40.4



#6  
Aniline  
Concen: 2.640 ng  
RT: 6.546 min Scan# 757  
Delta R.T. -0.006 min  
Lab File: BF139844.D  
Acq: 18 Oct 2024 10:27

Tgt Ion: 93 Resp: 38675  
Ion Ratio Lower Upper  
93 100  
66 42.6 34.0 51.0  
65 21.2 17.4 26.0

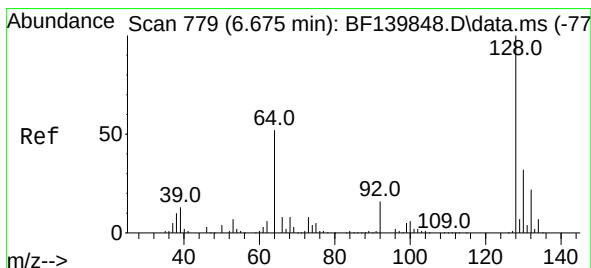
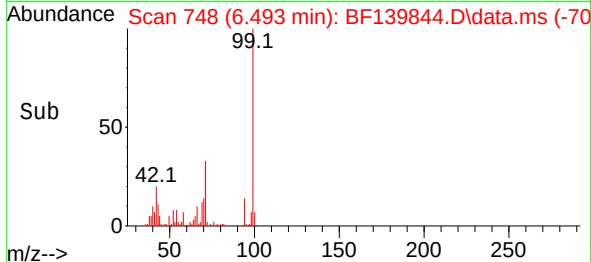
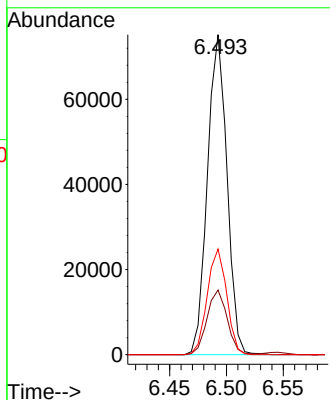
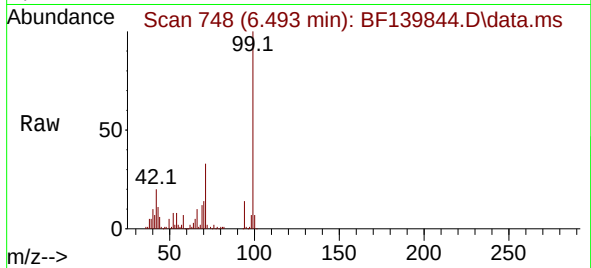




#7  
Phenol-d6  
Concen: 5.728 ng  
RT: 6.493 min Scan# 748  
Delta R.T. -0.017 min  
Lab File: BF139844.D  
Acq: 18 Oct 2024 10:27

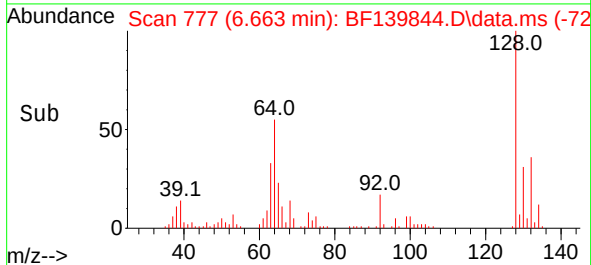
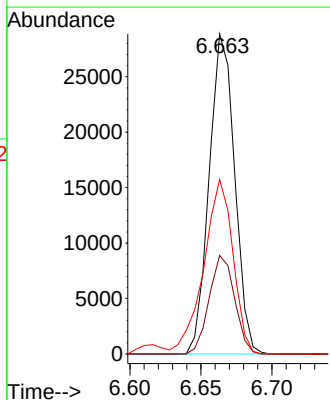
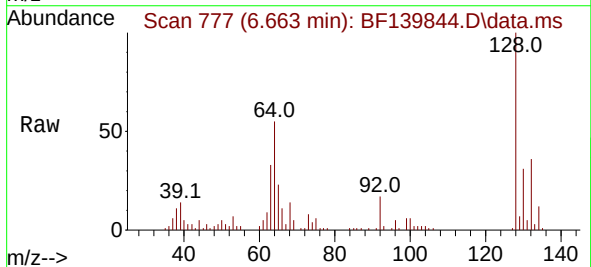
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

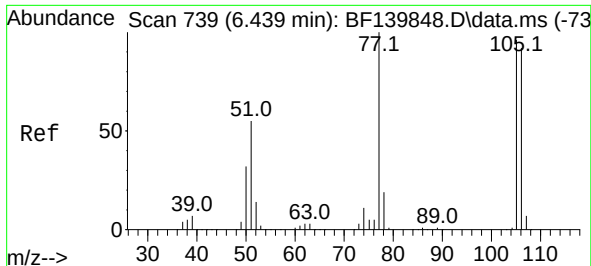
Tgt Ion: 99 Resp: 90045  
Ion Ratio Lower Upper  
99 100  
42 20.2 16.7 25.1  
71 33.0 27.7 41.5



#8  
2-Chlorophenol  
Concen: 2.898 ng  
RT: 6.663 min Scan# 777  
Delta R.T. -0.012 min  
Lab File: BF139844.D  
Acq: 18 Oct 2024 10:27

Tgt Ion:128 Resp: 35963  
Ion Ratio Lower Upper  
128 100  
130 30.8 12.3 52.3  
64 54.6 34.6 74.6





#9

Benzaldehyde

Concen: 2.916 ng

RT: 6.434 min Scan# 74

Delta R.T. -0.005 min

Lab File: BF139844.D

Acq: 18 Oct 2024 10:27

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

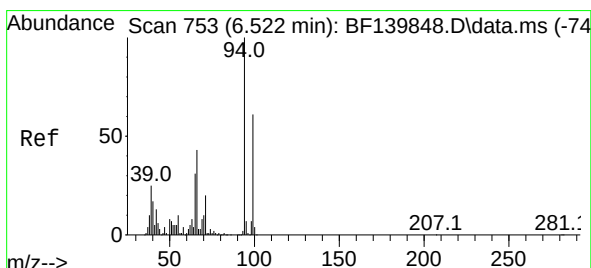
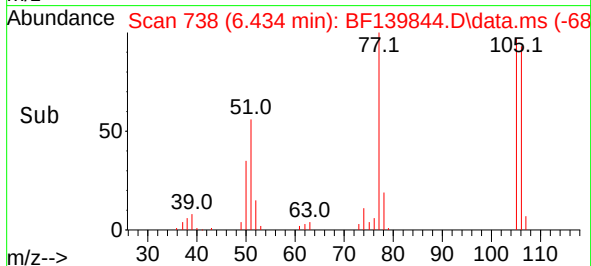
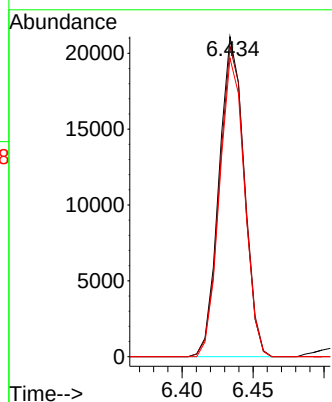
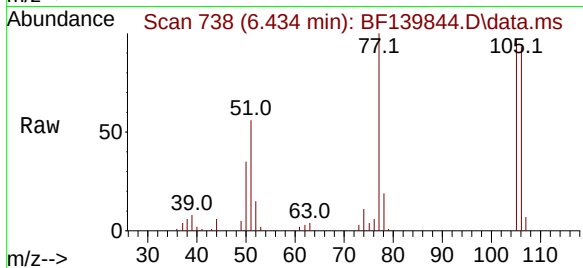
Tgt Ion: 77 Resp: 25786

Ion Ratio Lower Upper

77 100

105 97.0 75.5 115.5

106 93.3 71.7 111.7



#10

Phenol

Concen: 2.811 ng

RT: 6.504 min Scan# 750

Delta R.T. -0.017 min

Lab File: BF139844.D

Acq: 18 Oct 2024 10:27

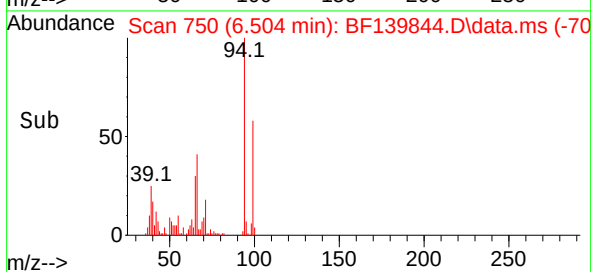
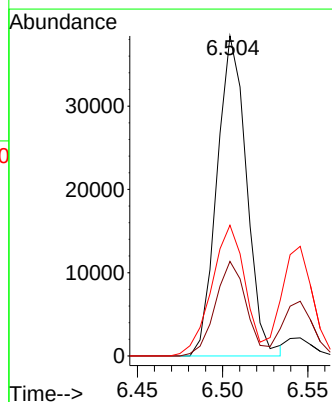
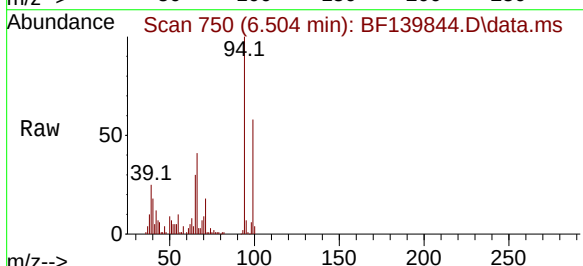
Tgt Ion: 94 Resp: 46377

Ion Ratio Lower Upper

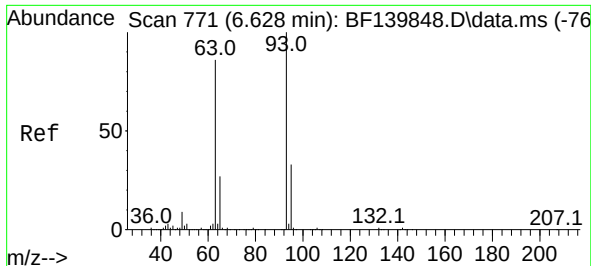
94 100

65 29.6 11.1 51.1

66 40.9 22.7 62.7







#11

bis(2-Chloroethyl)ether

Concen: 2.779 ng

RT: 6.616 min Scan# 771

Delta R.T. -0.012 min

Lab File: BF139844.D

Acq: 18 Oct 2024 10:27

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

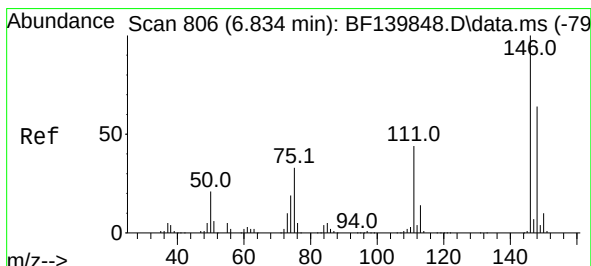
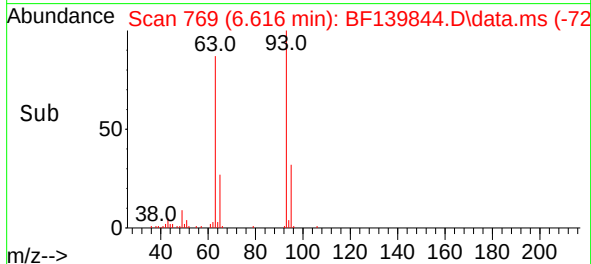
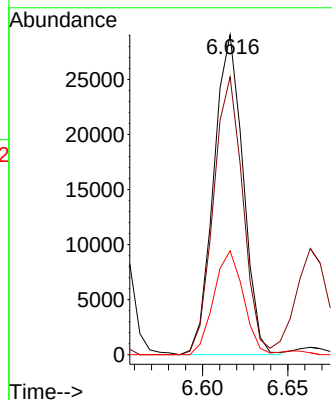
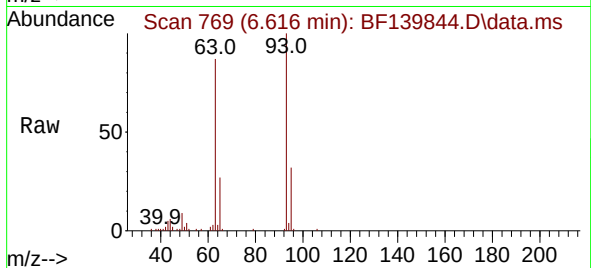
Tgt Ion: 93 Resp: 34814

Ion Ratio Lower Upper

93 100

63 86.8 65.0 105.0

95 32.5 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 2.891 ng

RT: 6.828 min Scan# 805

Delta R.T. -0.006 min

Lab File: BF139844.D

Acq: 18 Oct 2024 10:27

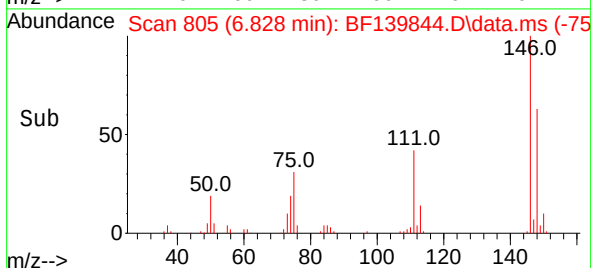
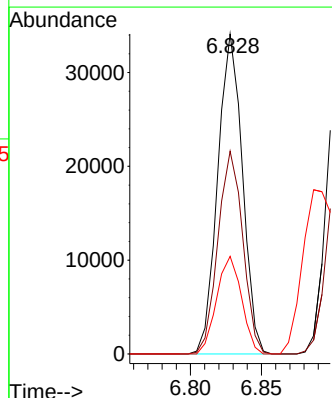
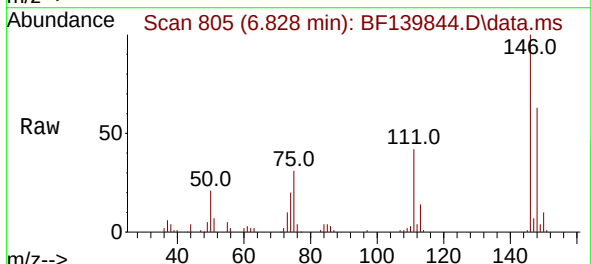
Tgt Ion: 146 Resp: 41182

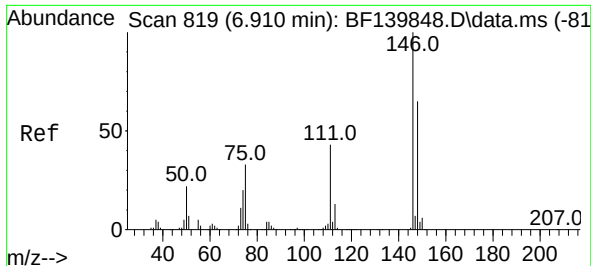
Ion Ratio Lower Upper

146 100

148 63.4 51.0 76.4

75 30.5 26.4 39.6





#13

1,4-Dichlorobenzene

Concen: 2.810 ng

RT: 6.904 min Scan# 819

Delta R.T. -0.006 min

Lab File: BF139844.D

Acq: 18 Oct 2024 10:27

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

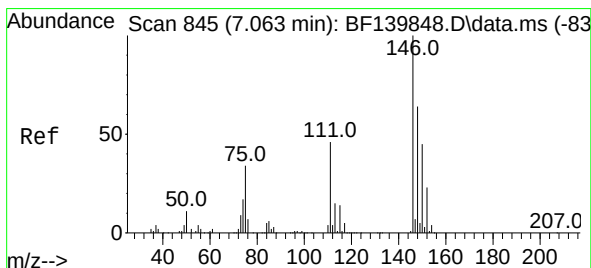
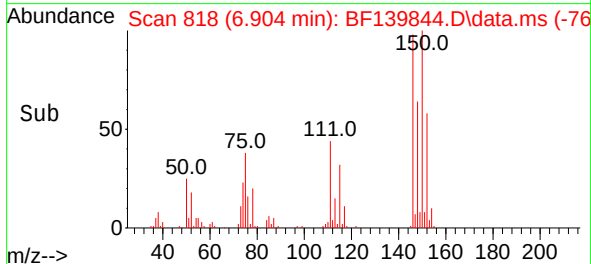
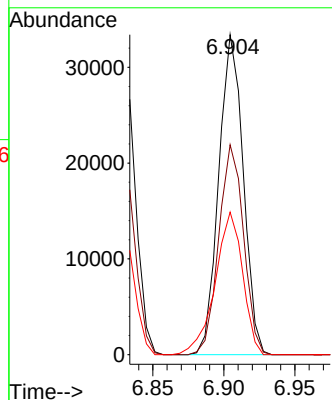
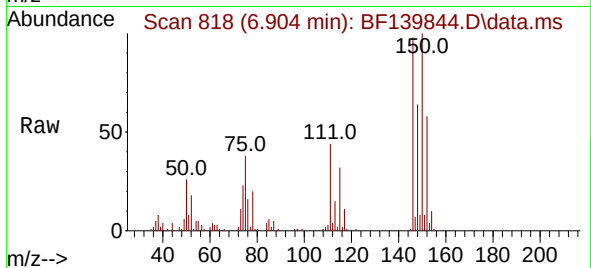
Tgt Ion:146 Resp: 39984

Ion Ratio Lower Upper

146 100

148 65.6 51.8 77.8

111 44.5 34.6 51.8



#14

1,2-Dichlorobenzene

Concen: 3.041 ng

RT: 7.057 min Scan# 844

Delta R.T. -0.006 min

Lab File: BF139844.D

Acq: 18 Oct 2024 10:27

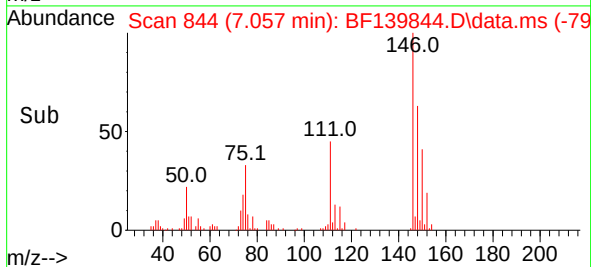
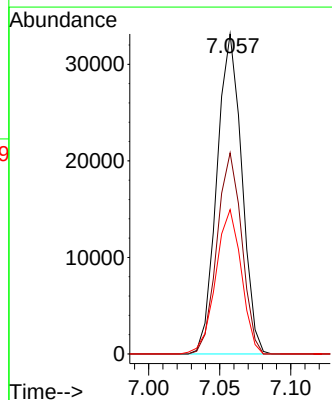
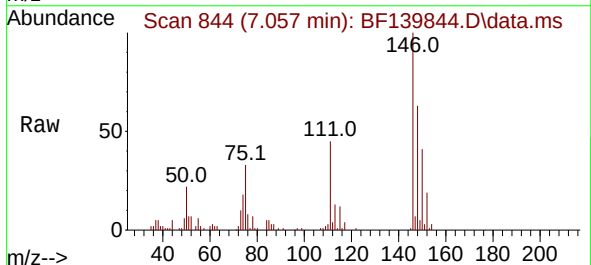
Tgt Ion:146 Resp: 40380

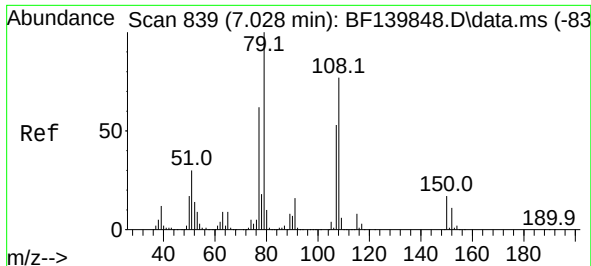
Ion Ratio Lower Upper

146 100

148 62.9 51.4 77.2

111 45.1 36.7 55.1

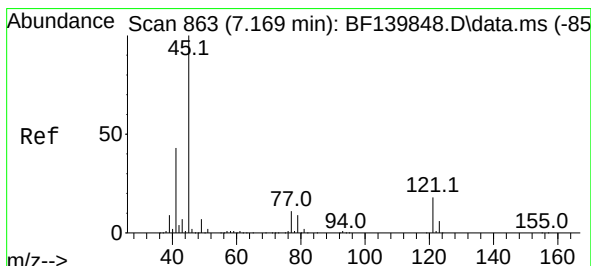
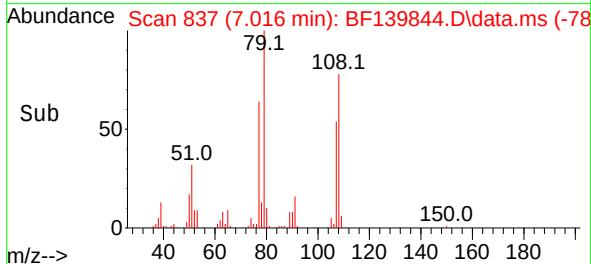
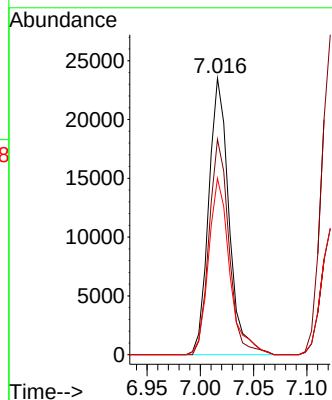
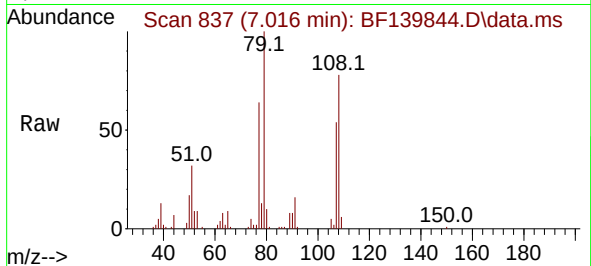




#15  
Benzyl Alcohol  
Concen: 2.701 ng  
RT: 7.016 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BF139844.D  
Acq: 18 Oct 2024 10:27

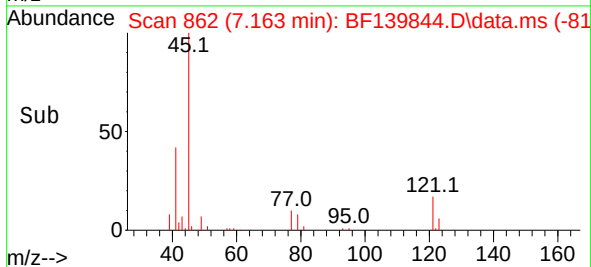
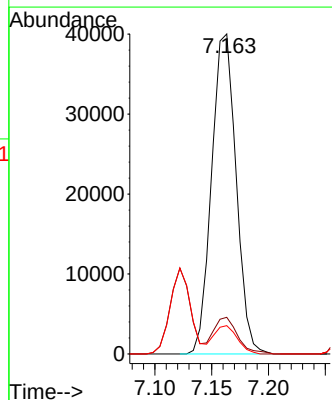
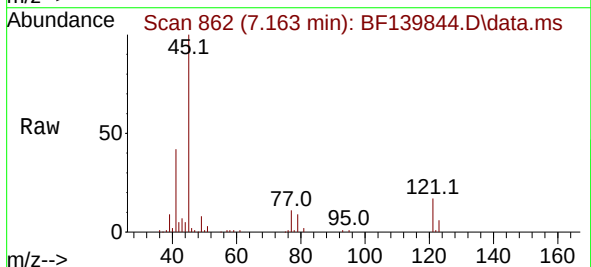
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

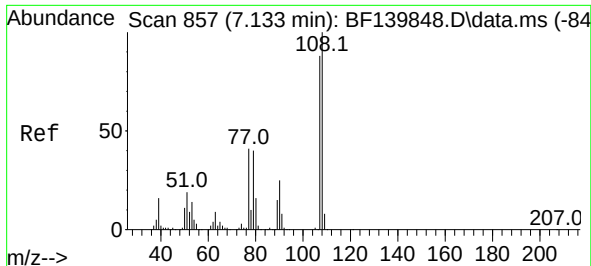
Tgt Ion: 79 Resp: 31148  
Ion Ratio Lower Upper  
79 100  
108 77.9 61.4 92.0  
77 63.7 49.9 74.9



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 2.815 ng  
RT: 7.163 min Scan# 862  
Delta R.T. -0.006 min  
Lab File: BF139844.D  
Acq: 18 Oct 2024 10:27

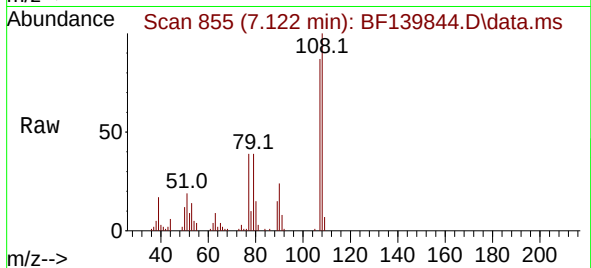
Tgt Ion: 45 Resp: 60132  
Ion Ratio Lower Upper  
45 100  
77 11.4 0.0 31.5  
79 8.9 0.0 29.1



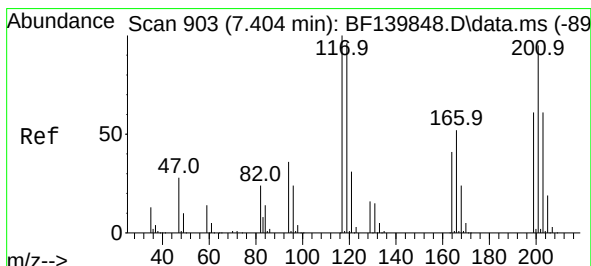
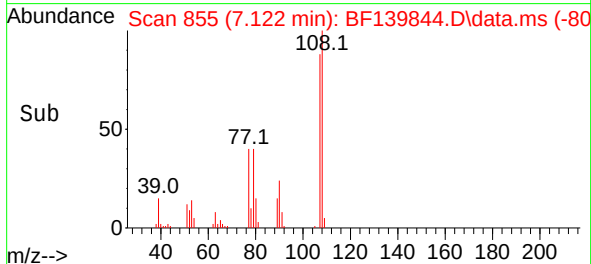
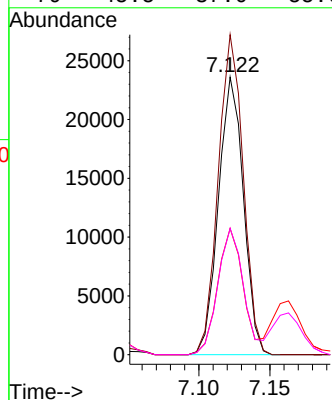


#17  
2-Methylphenol  
Concen: 2.729 ng  
RT: 7.122 min Scan# 855  
Delta R.T. -0.012 min  
Lab File: BF139844.D  
Acq: 18 Oct 2024 10:27

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

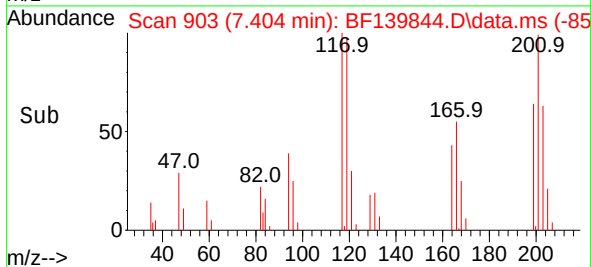
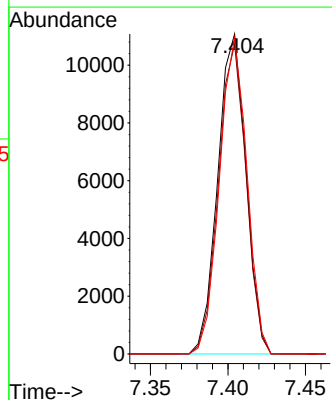
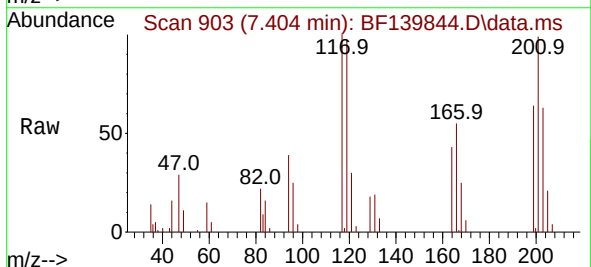


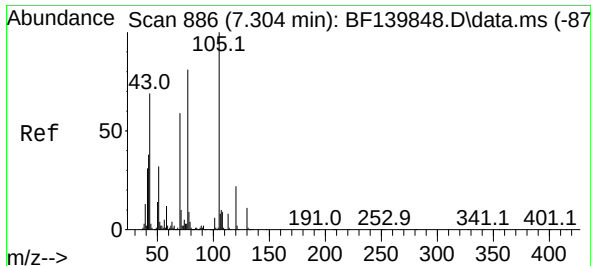
Tgt Ion:107 Resp: 28878  
Ion Ratio Lower Upper  
107 100  
108 115.3 91.3 136.9  
77 45.5 37.1 55.7  
79 45.5 37.0 55.6



#18  
Hexachloroethane  
Concen: 2.769 ng  
RT: 7.404 min Scan# 903  
Delta R.T. 0.000 min  
Lab File: BF139844.D  
Acq: 18 Oct 2024 10:27

Tgt Ion:117 Resp: 14050  
Ion Ratio Lower Upper  
117 100  
119 96.8 77.0 115.4  
201 98.9 76.2 114.4





#19

n-Nitroso-di-n-propylamine

Concen: 2.754 ng

RT: 7.287 min Scan# 886

Delta R.T. -0.017 min

Lab File: BF139844.D

Acq: 18 Oct 2024 10:27

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

Tgt Ion: 70 Resp: 26252

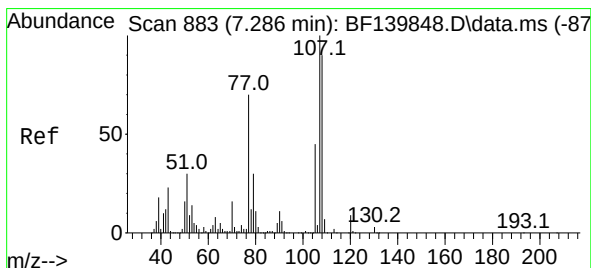
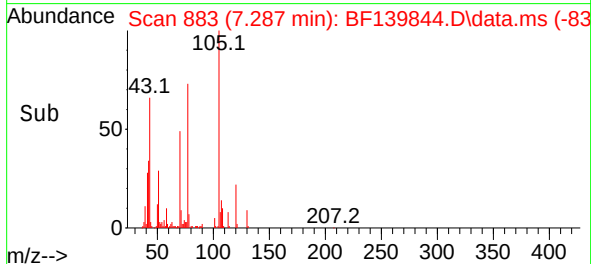
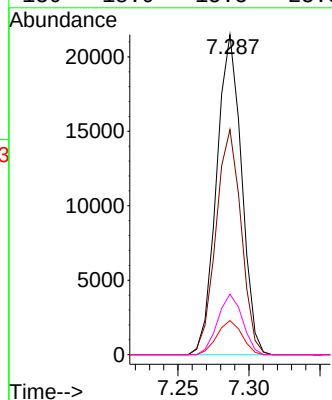
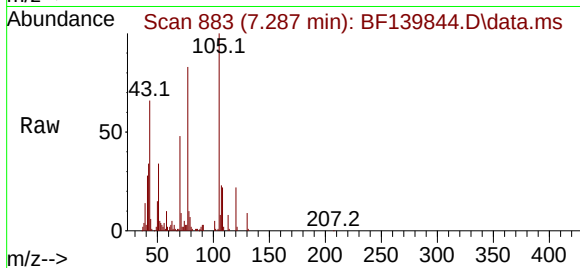
Ion Ratio Lower Upper

70 100

42 70.4 51.5 77.3

101 10.6 7.5 11.3

130 18.9 15.5 23.3



#20

3+4-Methylphenols

Concen: 2.828 ng

RT: 7.275 min Scan# 881

Delta R.T. -0.012 min

Lab File: BF139844.D

Acq: 18 Oct 2024 10:27

Tgt Ion: 107 Resp: 38273

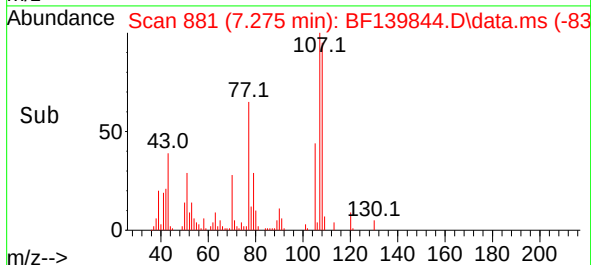
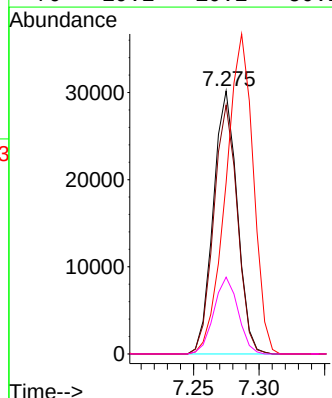
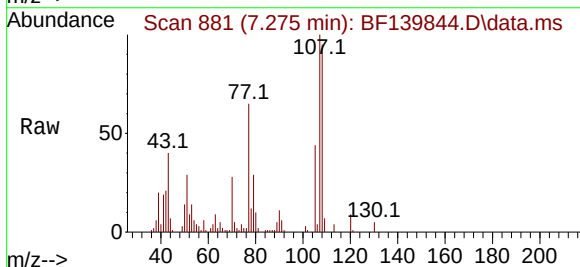
Ion Ratio Lower Upper

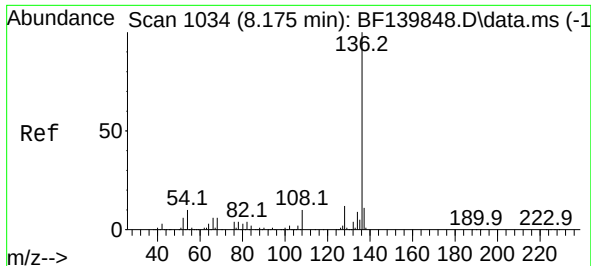
107 100

108 94.5 69.8 109.8

77 65.1 50.5 90.5

79 29.2 10.2 50.2

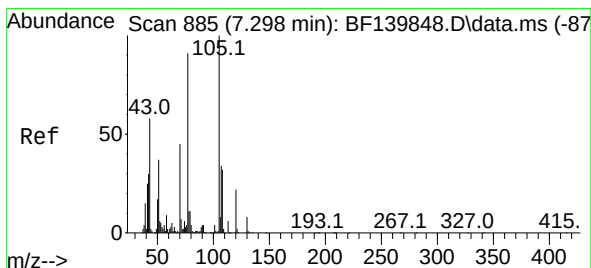
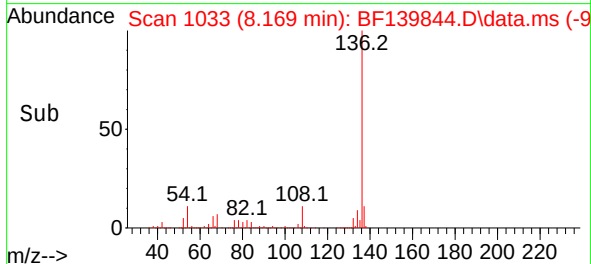
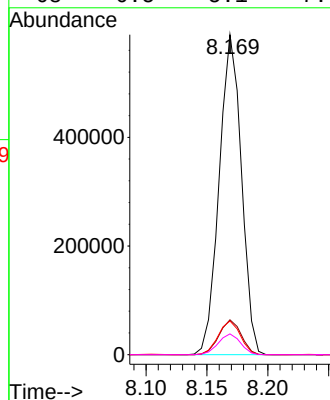
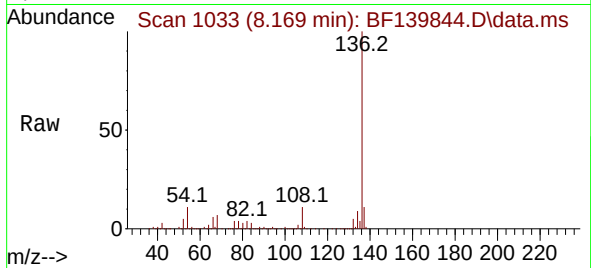




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.169 min Scan# 1033  
Delta R.T. -0.006 min  
Lab File: BF139844.D  
Acq: 18 Oct 2024 10:27

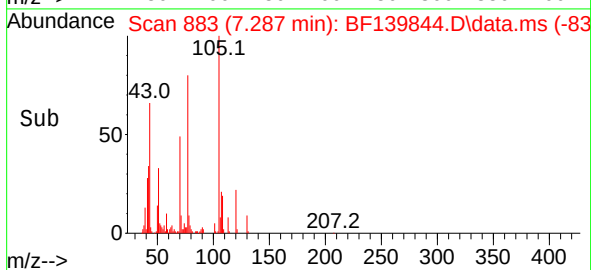
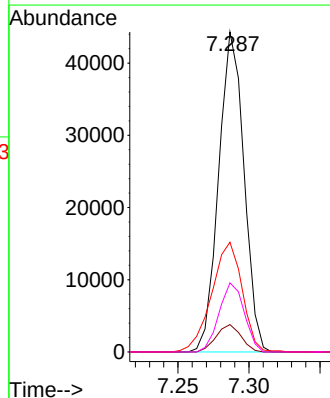
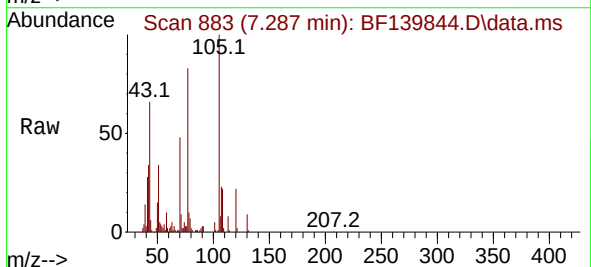
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

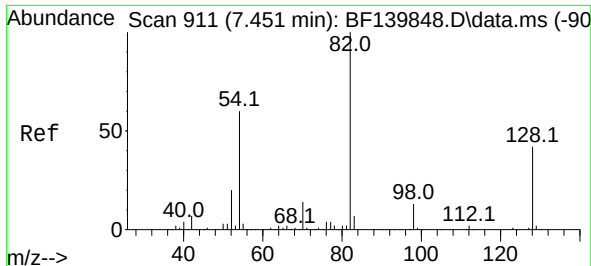
Tgt Ion:136 Resp: 748539  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.6 12.8  
54 10.6 8.4 12.6  
68 6.5 5.1 7.7



#22  
Acetophenone  
Concen: 2.992 ng  
RT: 7.287 min Scan# 883  
Delta R.T. -0.012 min  
Lab File: BF139844.D  
Acq: 18 Oct 2024 10:27

Tgt Ion:105 Resp: 54865  
Ion Ratio Lower Upper  
105 100  
71 8.6 5.9 8.9  
51 34.3 29.4 44.2  
120 21.6 17.5 26.3





#23

Nitrobenzene-d5

Concen: 4.811 ng

RT: 7.440 min Scan# 911

Delta R.T. -0.012 min

Lab File: BF139844.D

Acq: 18 Oct 2024 10:27

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

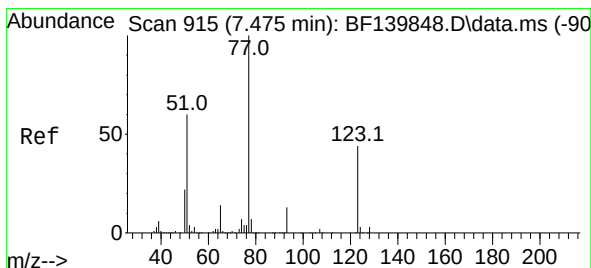
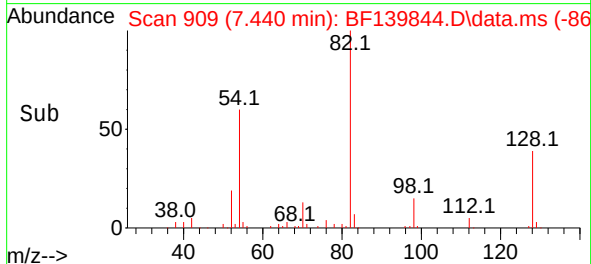
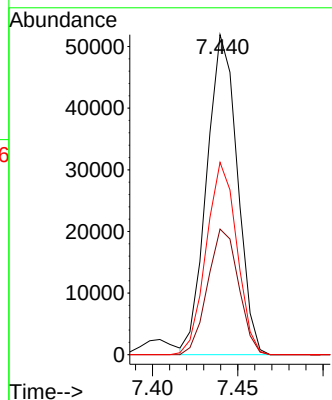
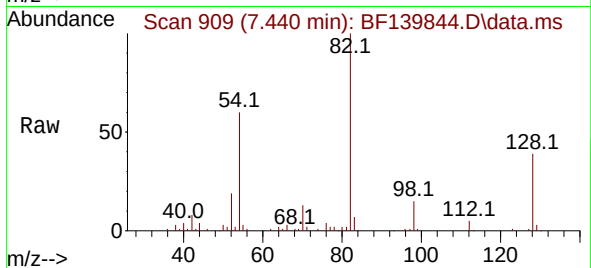
Tgt Ion: 82 Resp: 64975

Ion Ratio Lower Upper

82 100

128 39.3 33.4 50.0

54 60.1 47.8 71.8



#24

Nitrobenzene

Concen: 2.464 ng

RT: 7.457 min Scan# 912

Delta R.T. -0.017 min

Lab File: BF139844.D

Acq: 18 Oct 2024 10:27

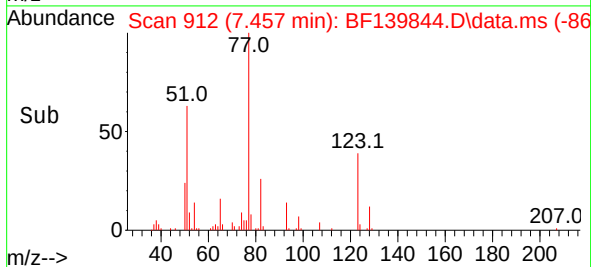
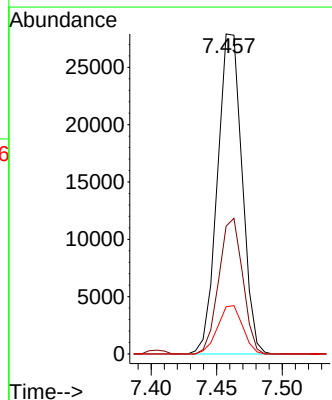
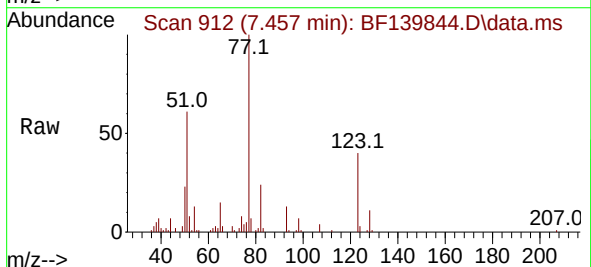
Tgt Ion: 77 Resp: 36483

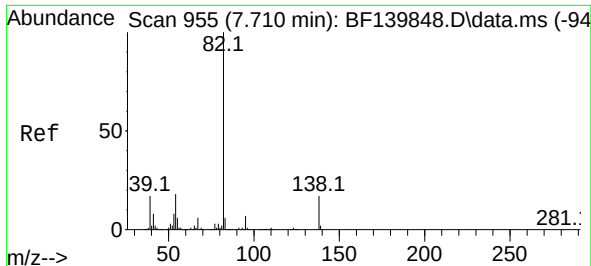
Ion Ratio Lower Upper

77 100

123 39.9 35.7 53.5

65 14.8 11.5 17.3

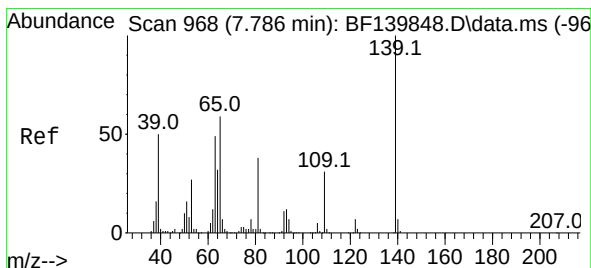
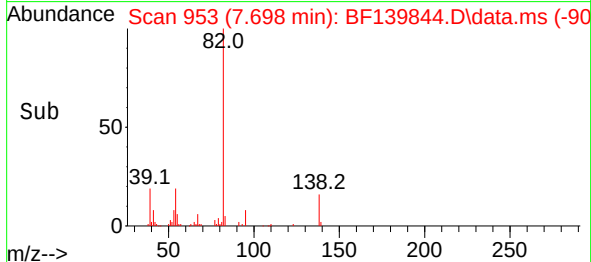
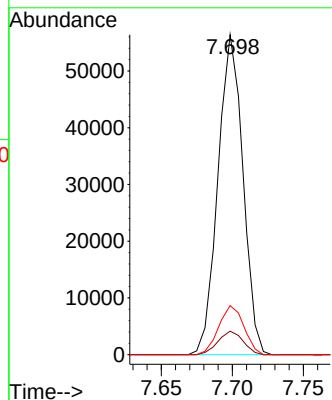
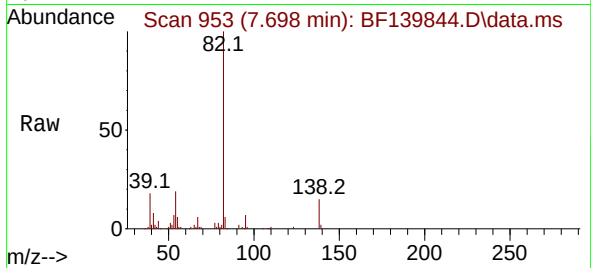




#25  
Isophorone  
Concen: 2.689 ng  
RT: 7.698 min Scan# 953  
Delta R.T. -0.012 min  
Lab File: BF139844.D  
Acq: 18 Oct 2024 10:27

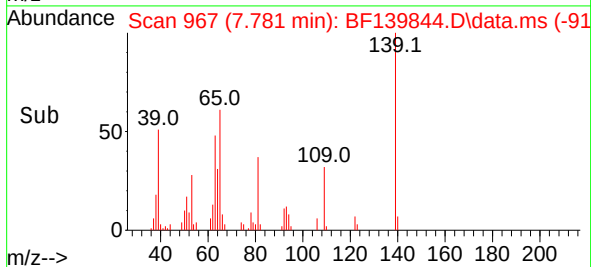
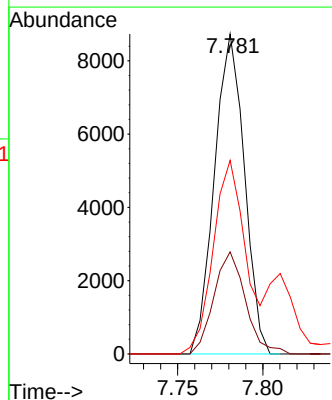
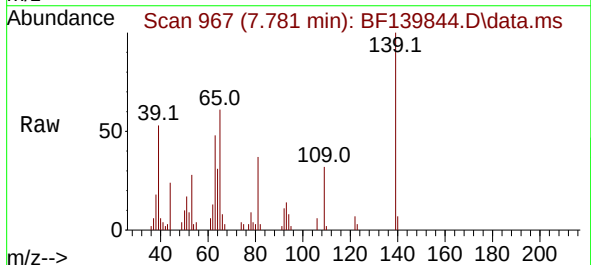
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

Tgt Ion: 82 Resp: 68918  
Ion Ratio Lower Upper  
82 100  
95 7.3 5.5 8.3  
138 15.4 13.2 19.8

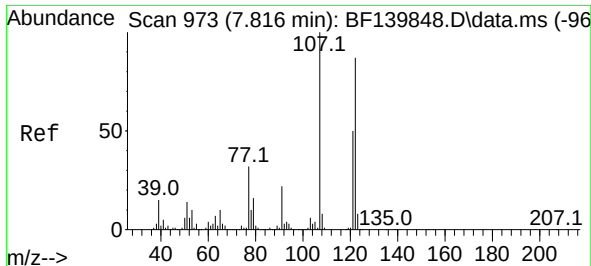


#26  
2-Nitrophenol  
Concen: 1.911 ng  
RT: 7.781 min Scan# 967  
Delta R.T. -0.006 min  
Lab File: BF139844.D  
Acq: 18 Oct 2024 10:27

Tgt Ion: 139 Resp: 10676  
Ion Ratio Lower Upper  
139 100  
109 31.9 25.1 37.7  
65 60.5 47.5 71.3







#27

2,4-Dimethylphenol

Concen: 2.759 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF139844.D

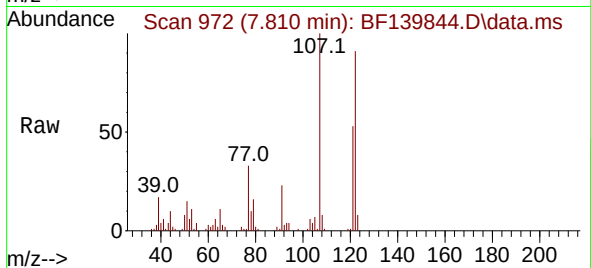
Acq: 18 Oct 2024 10:27

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5



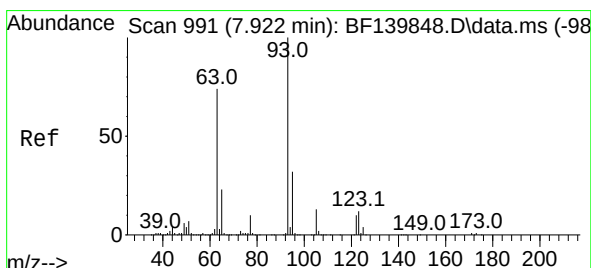
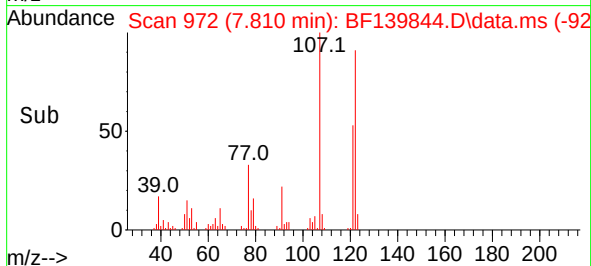
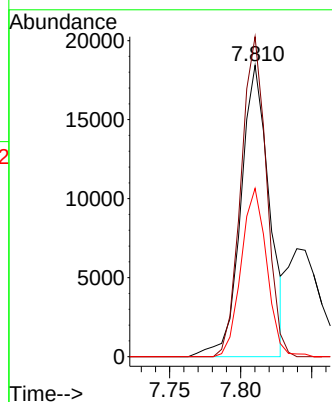
Tgt Ion:122 Resp: 25695

Ion Ratio Lower Upper

122 100

107 109.9 91.9 137.9

121 57.8 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 2.807 ng

RT: 7.910 min Scan# 989

Delta R.T. -0.012 min

Lab File: BF139844.D

Acq: 18 Oct 2024 10:27

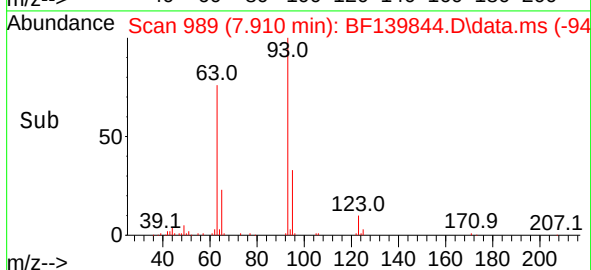
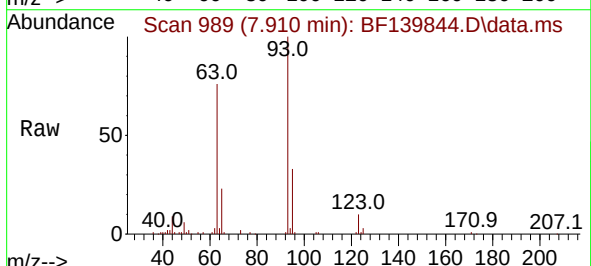
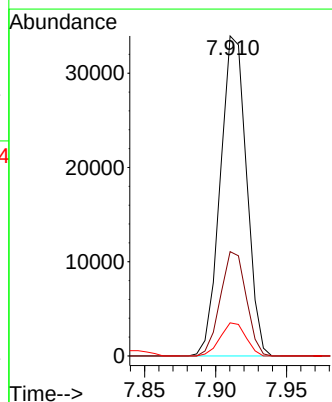
Tgt Ion: 93 Resp: 43589

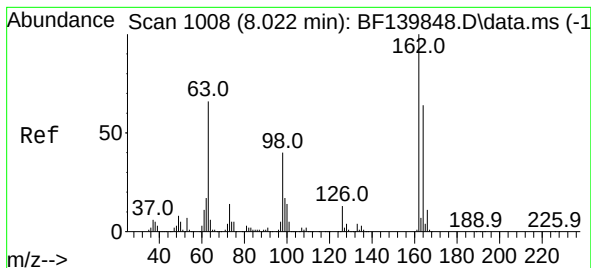
Ion Ratio Lower Upper

93 100

95 32.6 26.0 39.0

123 10.3 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 2.577 ng

RT: 8.016 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139844.D

Acq: 18 Oct 2024 10:27

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

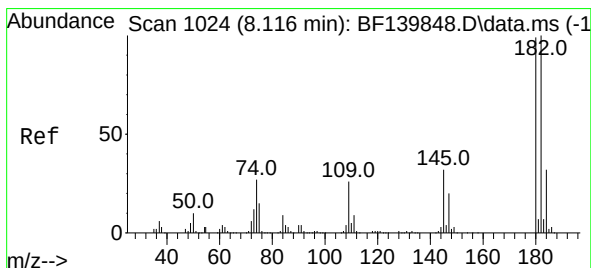
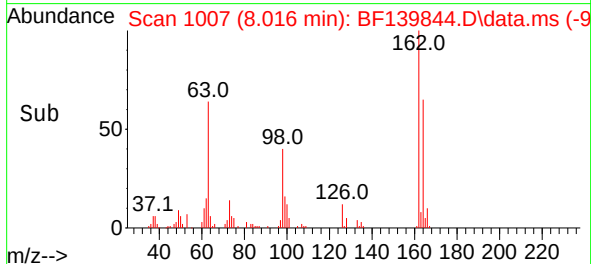
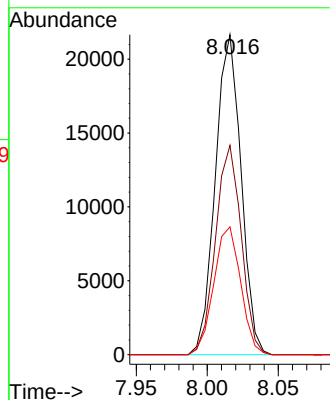
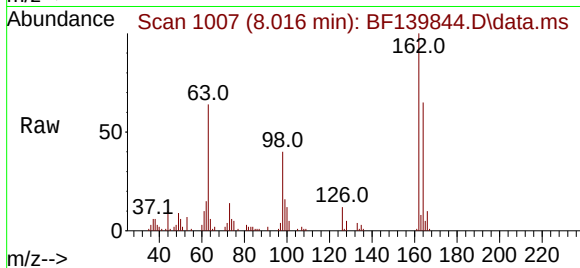
Tgt Ion:162 Resp: 27337

Ion Ratio Lower Upper

162 100

164 65.4 43.9 83.9

98 39.9 19.9 59.9



#30

1,2,4-Trichlorobenzene

Concen: 2.799 ng

RT: 8.110 min Scan# 1023

Delta R.T. -0.006 min

Lab File: BF139844.D

Acq: 18 Oct 2024 10:27

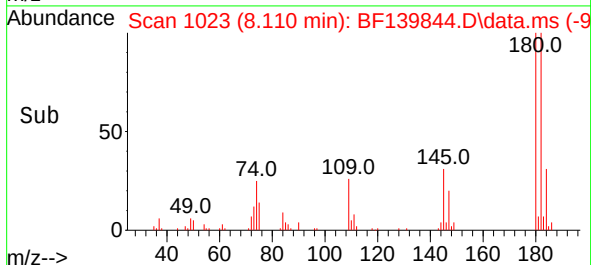
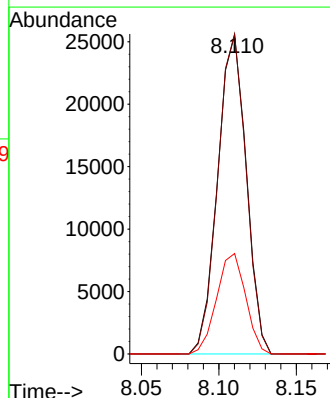
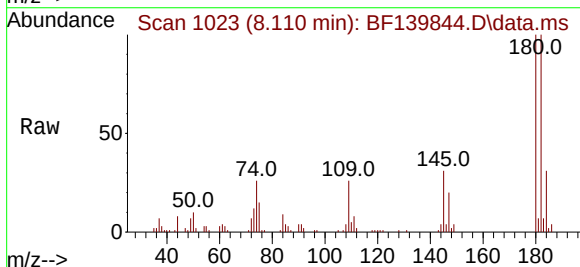
Tgt Ion:180 Resp: 32863

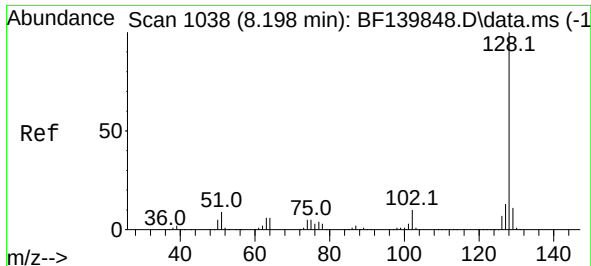
Ion Ratio Lower Upper

180 100

182 100.3 80.5 120.7

145 31.5 25.4 38.0

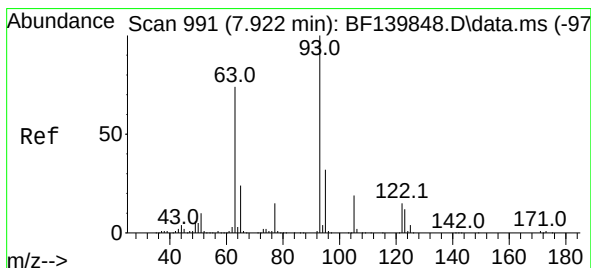
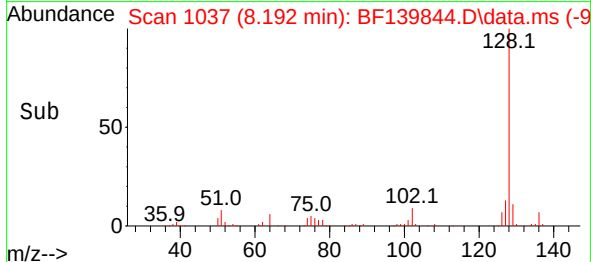
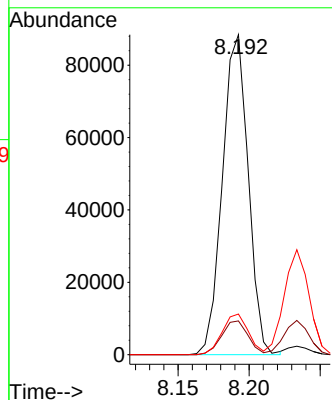
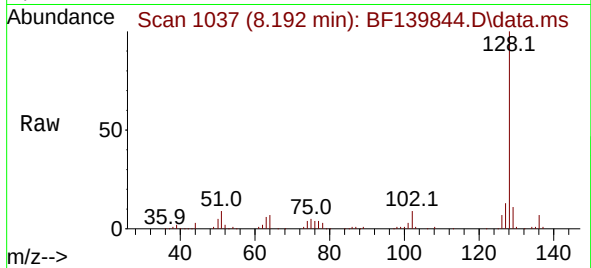




#31  
Naphthalene  
Concen: 2.893 ng  
RT: 8.192 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BF139844.D  
Acq: 18 Oct 2024 10:27

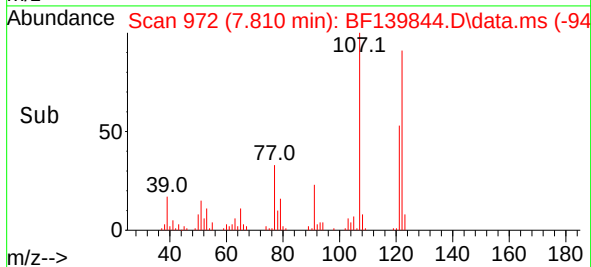
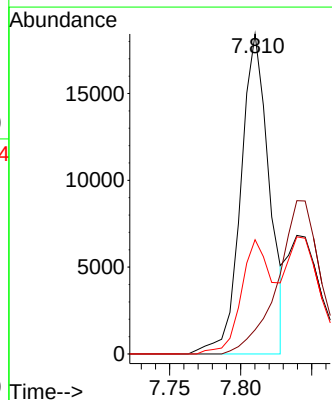
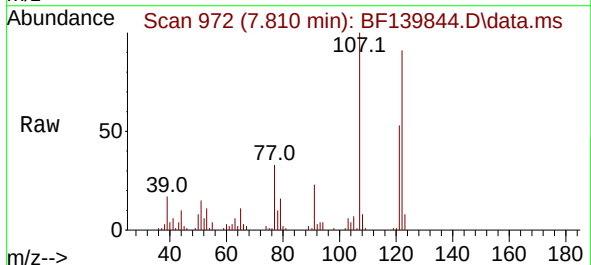
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

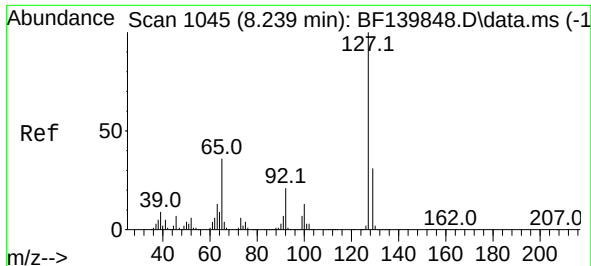
Tgt Ion:128 Resp: 111695  
Ion Ratio Lower Upper  
128 100  
129 10.6 8.9 13.3  
127 12.7 10.6 16.0



#32  
Benzoic acid  
Concen: 3.163 ng  
RT: 7.810 min Scan# 972  
Delta R.T. -0.112 min  
Lab File: BF139844.D  
Acq: 18 Oct 2024 10:27

Tgt Ion:122 Resp: 25695  
Ion Ratio Lower Upper  
122 100  
105 7.6 107.6 147.6#  
77 35.7 80.2 120.2#





#33

4-Chloroaniline

Concen: 2.691 ng

RT: 8.234 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139844.D

Acq: 18 Oct 2024 10:27

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

Tgt Ion:127 Resp: 35430

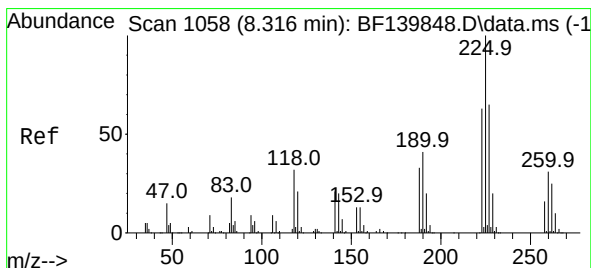
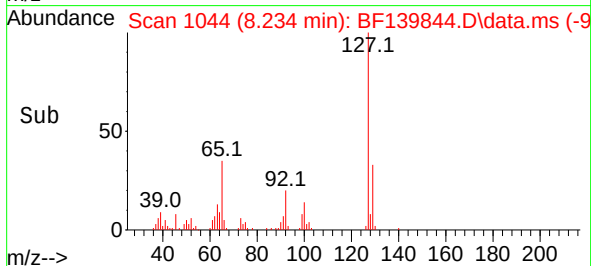
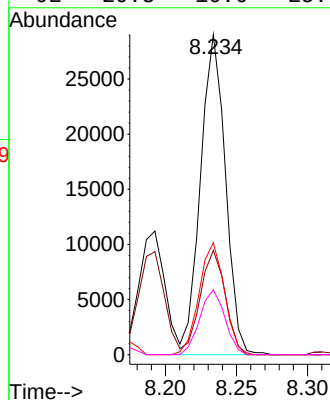
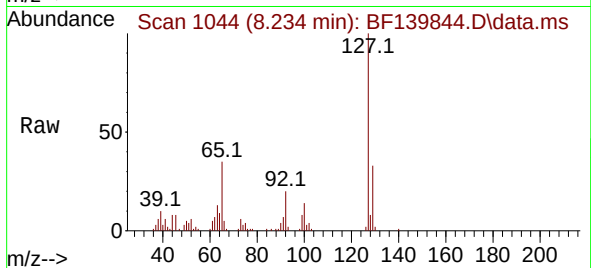
Ion Ratio Lower Upper

127 100

129 32.6 25.4 38.2

65 35.0 28.4 42.6

92 20.3 16.6 25.0



#34

Hexachlorobutadiene

Concen: 2.789 ng

RT: 8.310 min Scan# 1057

Delta R.T. -0.006 min

Lab File: BF139844.D

Acq: 18 Oct 2024 10:27

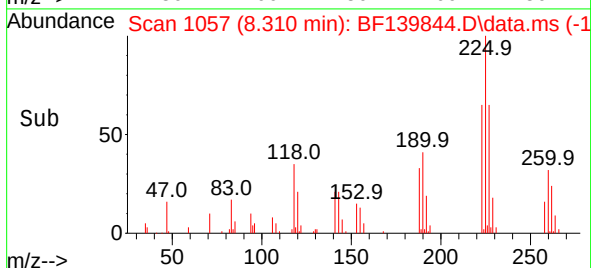
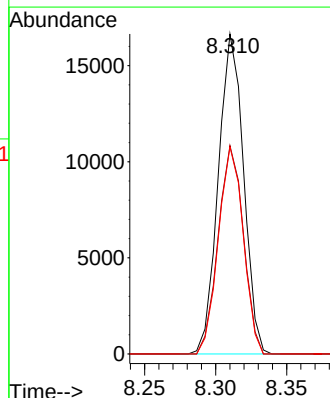
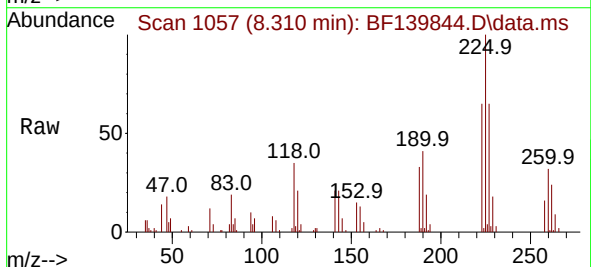
Tgt Ion:225 Resp: 20570

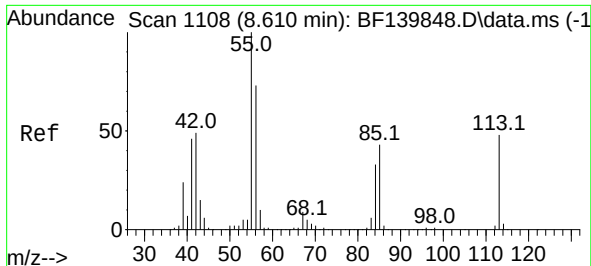
Ion Ratio Lower Upper

225 100

223 65.1 50.6 76.0

227 64.7 51.8 77.8





#35

Caprolactam

Concen: 2.470 ng

RT: 8.551 min Scan# 1108

Delta R.T. -0.059 min

Lab File: BF139844.D

Acq: 18 Oct 2024 10:27

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

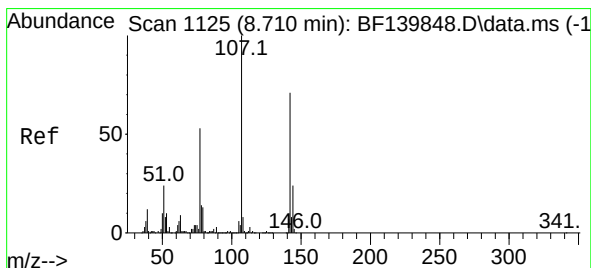
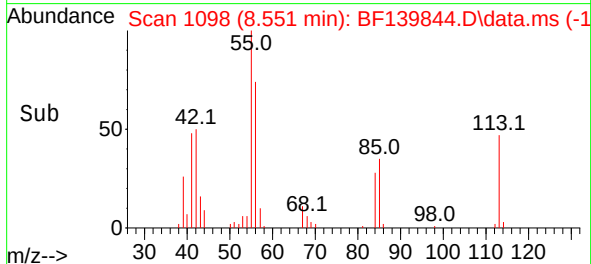
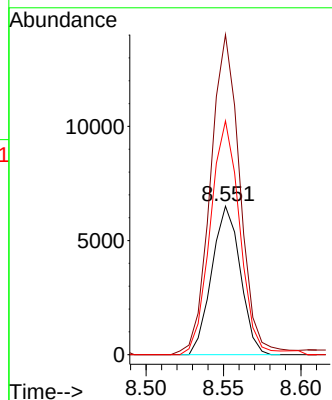
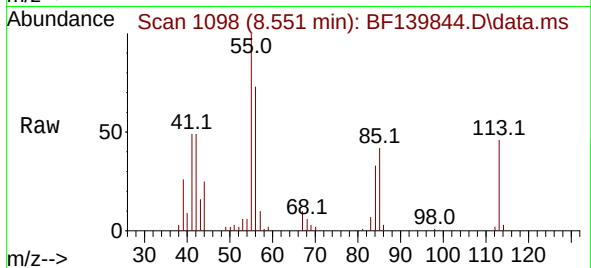
Tgt Ion:113 Resp: 8333

Ion Ratio Lower Upper

113 100

55 215.6 189.2 229.2

56 157.5 132.5 172.5



#36

4-Chloro-3-methylphenol

Concen: 2.621 ng

RT: 8.698 min Scan# 1123

Delta R.T. -0.012 min

Lab File: BF139844.D

Acq: 18 Oct 2024 10:27

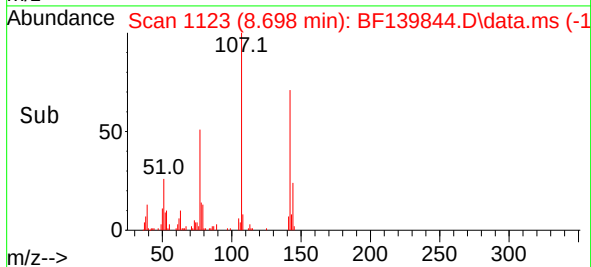
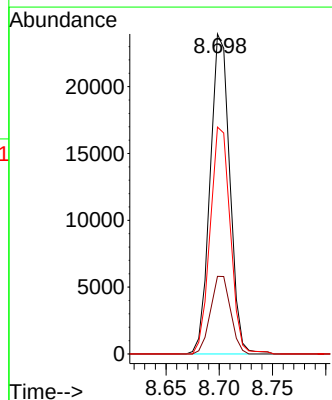
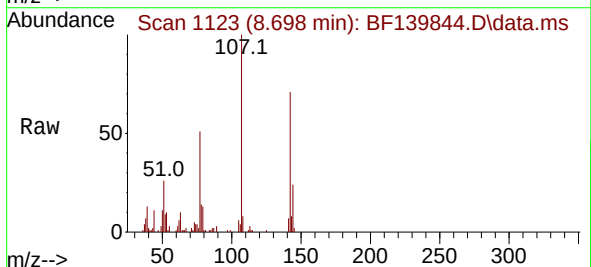
Tgt Ion:107 Resp: 30788

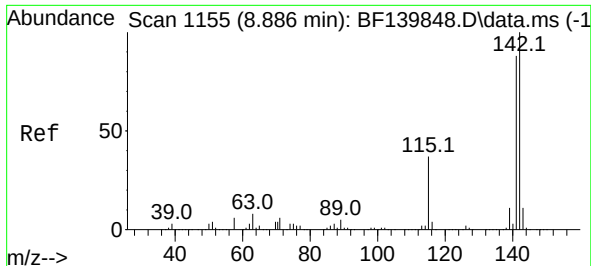
Ion Ratio Lower Upper

107 100

144 24.3 19.1 28.7

142 70.9 57.2 85.8





#37

2-Methylnaphthalene

Concen: 2.882 ng

RT: 8.881 min Scan# 1155

Delta R.T. -0.006 min

Lab File: BF139844.D

Acq: 18 Oct 2024 10:27

Instrument :

BNA\_F

ClientSampleId :

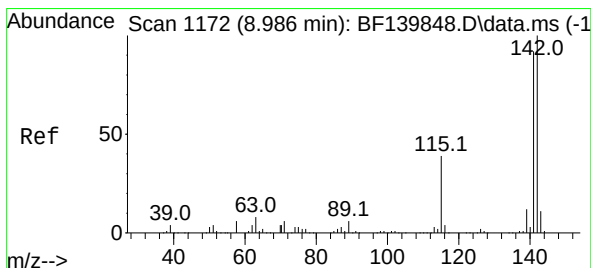
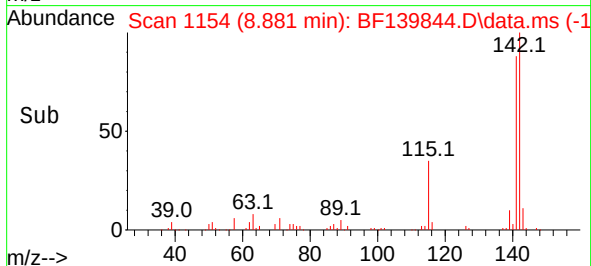
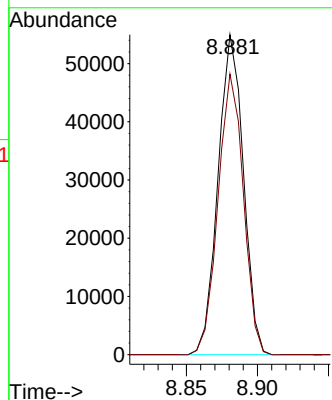
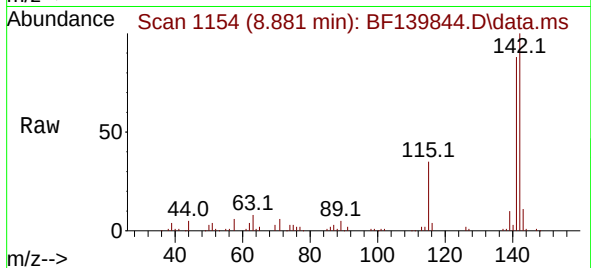
SSTDICC2.5

Tgt Ion:142 Resp: 68150

Ion Ratio Lower Upper

142 100

141 87.7 70.8 106.2



#38

1-Methylnaphthalene

Concen: 2.911 ng

RT: 8.981 min Scan# 1171

Delta R.T. -0.006 min

Lab File: BF139844.D

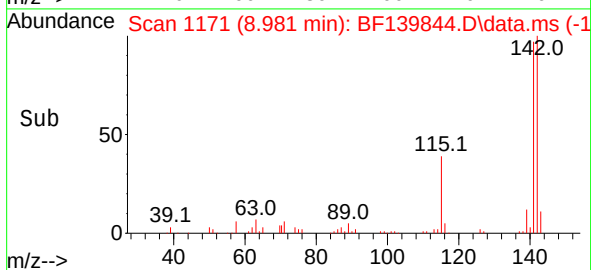
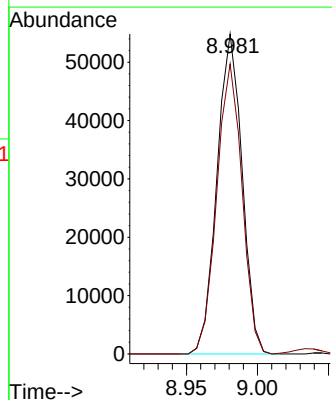
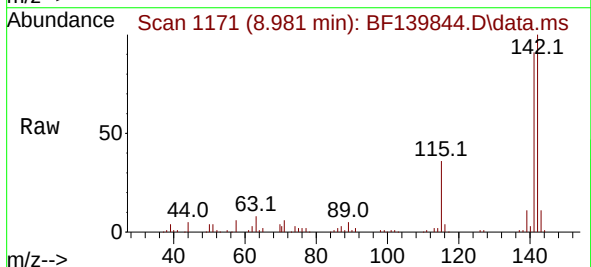
Acq: 18 Oct 2024 10:27

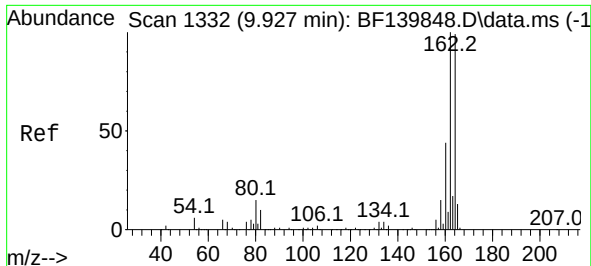
Tgt Ion:142 Resp: 67529

Ion Ratio Lower Upper

142 100

141 90.6 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1182

Delta R.T. 0.001 min

Lab File: BF139844.D

Acq: 18 Oct 2024 10:27

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

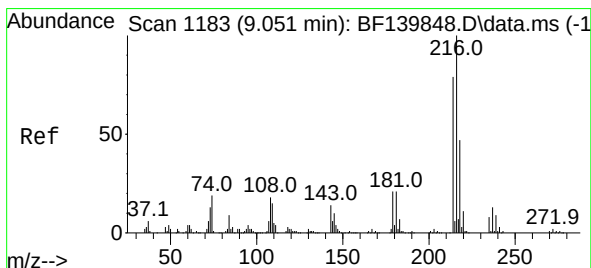
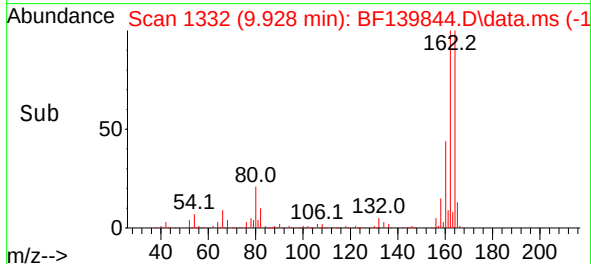
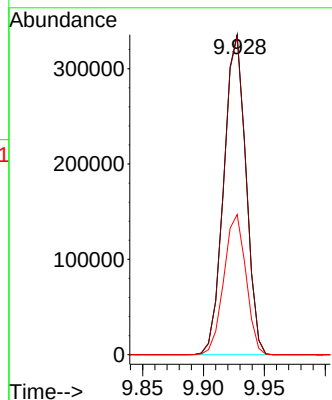
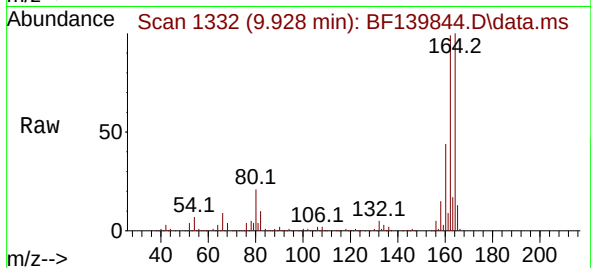
Tgt Ion:164 Resp: 423999

Ion Ratio Lower Upper

164 100

162 99.5 81.0 121.4

160 43.8 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 2.688 ng

RT: 9.045 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BF139844.D

Acq: 18 Oct 2024 10:27

Tgt Ion:216 Resp: 30753

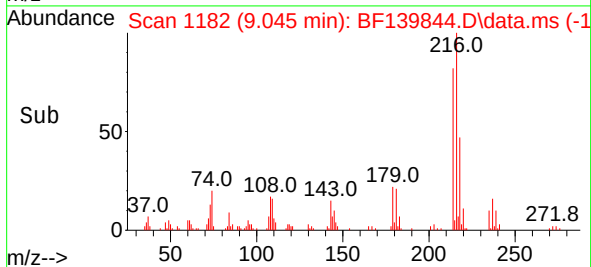
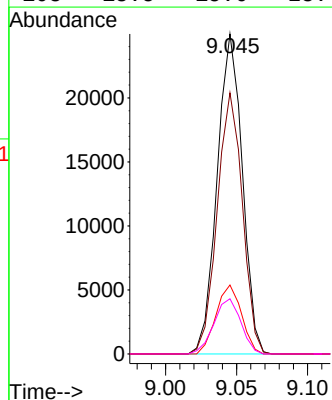
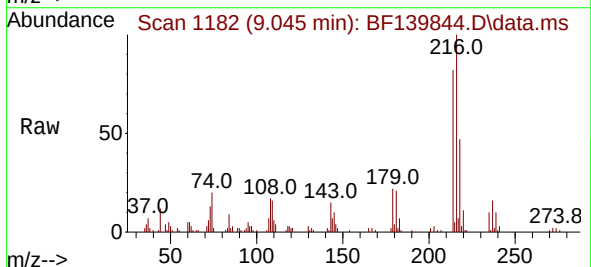
Ion Ratio Lower Upper

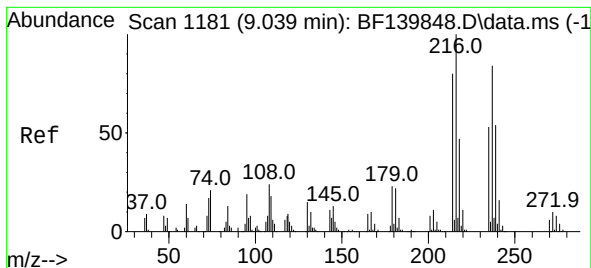
216 100

214 81.6 63.4 95.0

179 21.8 17.2 25.8

108 18.5 15.6 23.4





#41

Hexachlorocyclopentadiene

Concen: 2.391 ng

RT: 9.034 min Scan# 1181

Delta R.T. -0.006 min

Lab File: BF139844.D

Acq: 18 Oct 2024 10:27

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

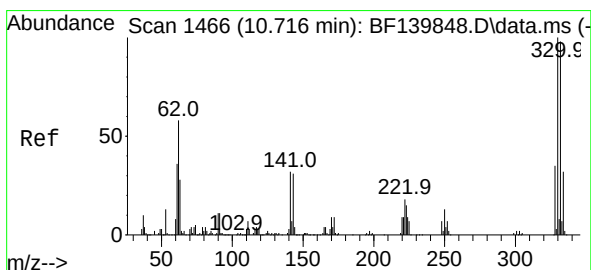
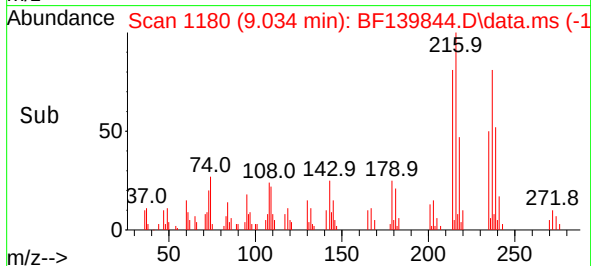
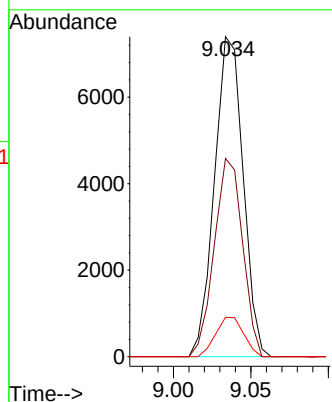
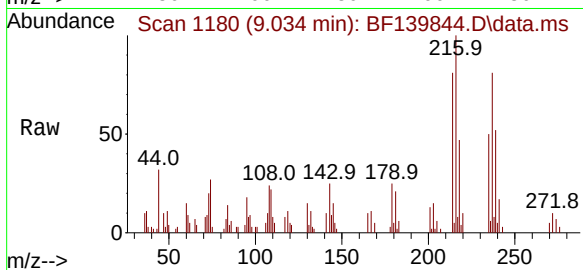
Tgt Ion:237 Resp: 9516

Ion Ratio Lower Upper

237 100

235 62.0 42.9 82.9

272 12.3 0.0 32.3



#42

2,4,6-Tribromophenol

Concen: 4.858 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF139844.D

Acq: 18 Oct 2024 10:27

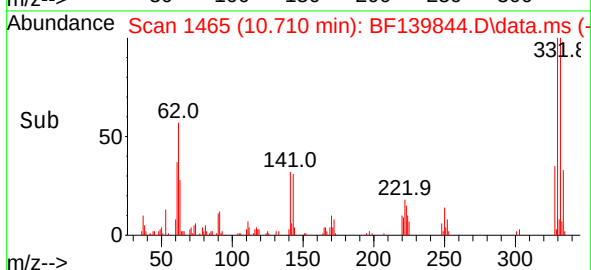
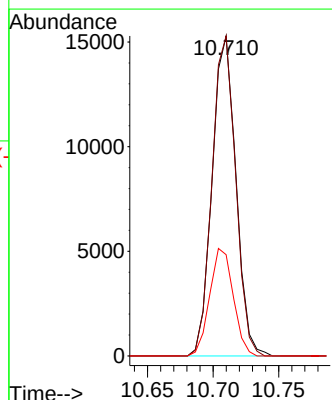
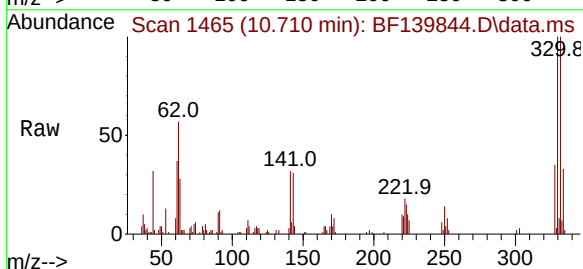
Tgt Ion:330 Resp: 19268

Ion Ratio Lower Upper

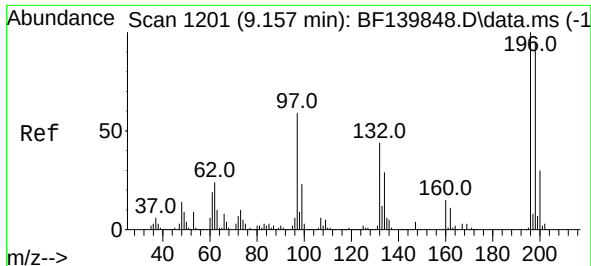
330 100

332 98.9 78.1 117.1

141 33.4 26.6 39.8







#43

2,4,6-Trichlorophenol

Concen: 2.514 ng

RT: 9.151 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF139844.D

Acq: 18 Oct 2024 10:27

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

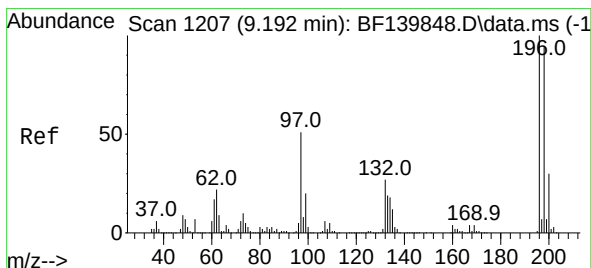
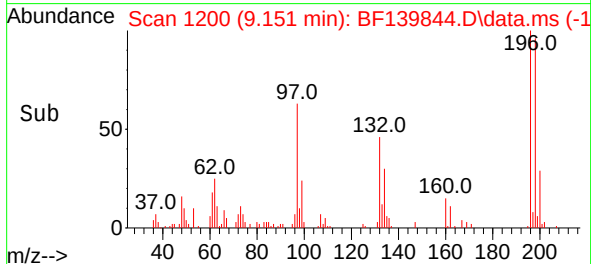
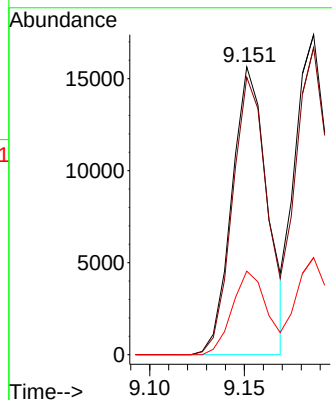
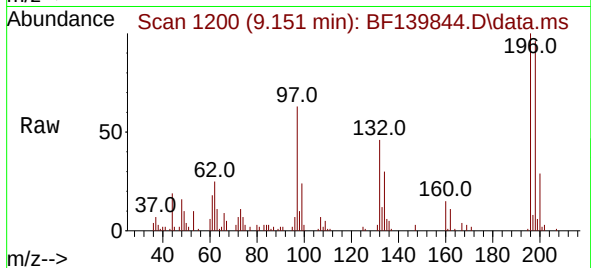
Tgt Ion:196 Resp: 20359

Ion Ratio Lower Upper

196 100

198 96.4 76.2 114.2

200 29.0 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 2.581 ng

RT: 9.187 min Scan# 1206

Delta R.T. -0.006 min

Lab File: BF139844.D

Acq: 18 Oct 2024 10:27

Tgt Ion:196 Resp: 21568

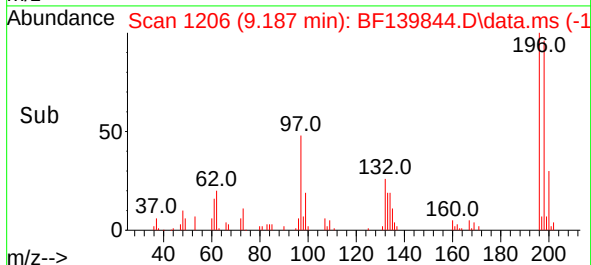
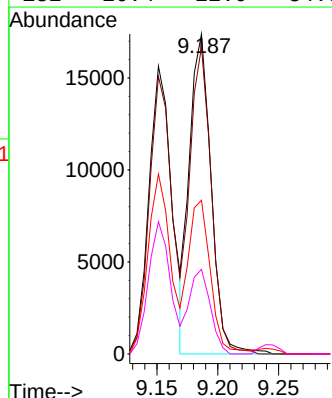
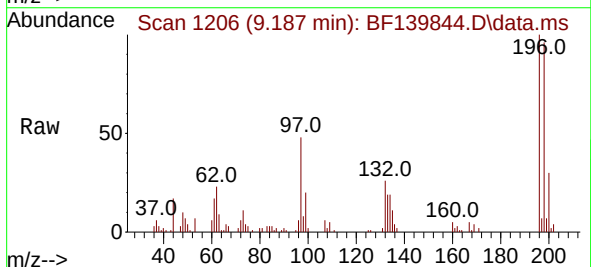
Ion Ratio Lower Upper

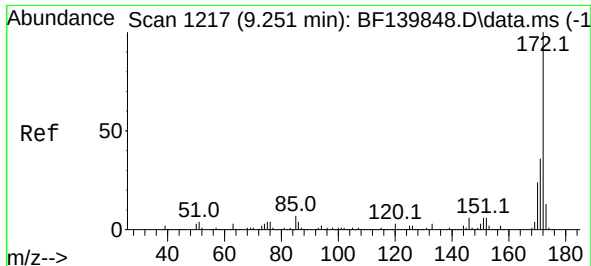
196 100

198 96.0 75.8 113.6

97 48.1 41.8 62.6

132 26.4 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 6.239 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139844.D

Acq: 18 Oct 2024 10:27

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

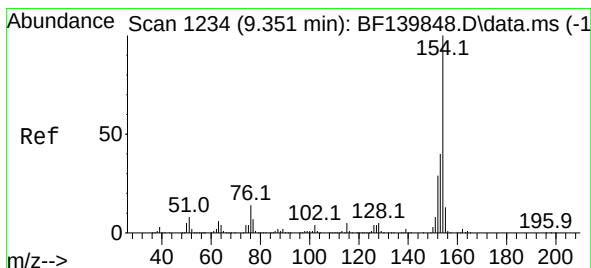
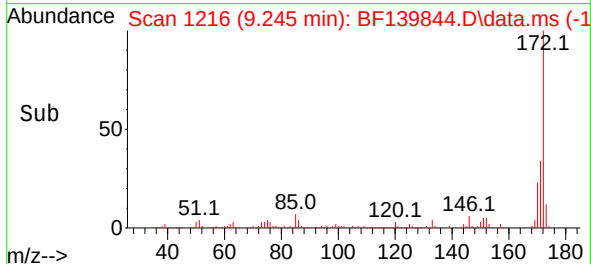
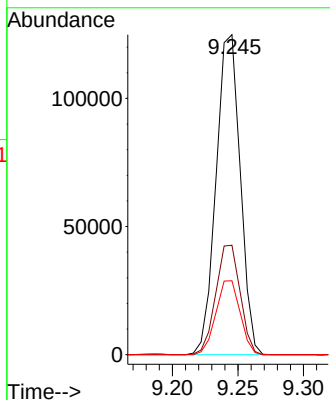
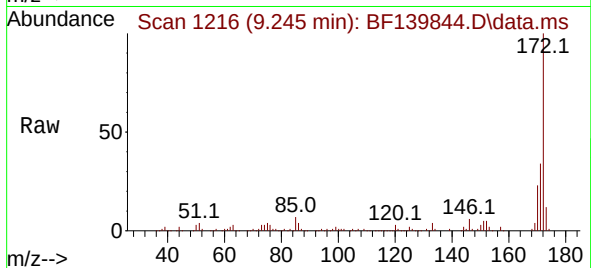
Tgt Ion:172 Resp: 160059

Ion Ratio Lower Upper

172 100

171 34.2 28.6 43.0

170 23.1 19.1 28.7



#46

1,1'-Biphenyl

Concen: 2.936 ng

RT: 9.345 min Scan# 1233

Delta R.T. -0.006 min

Lab File: BF139844.D

Acq: 18 Oct 2024 10:27

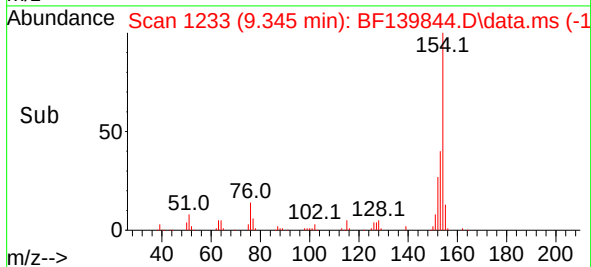
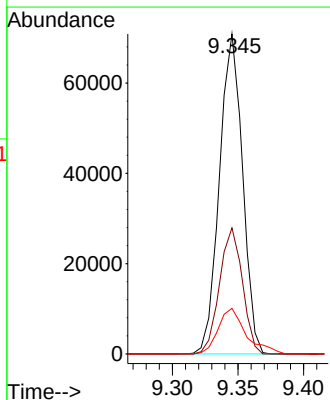
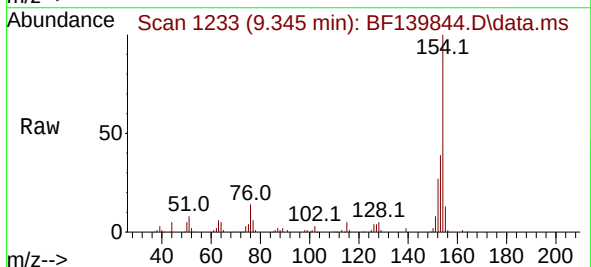
Tgt Ion:154 Resp: 86672

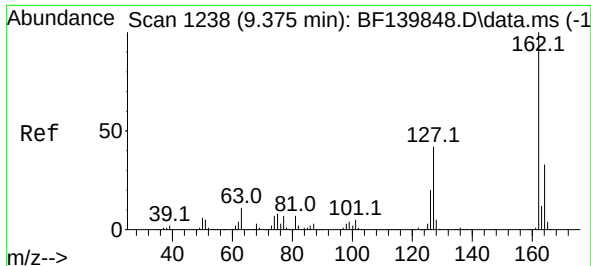
Ion Ratio Lower Upper

154 100

153 39.4 20.3 60.3

76 14.3 0.0 33.9





#47

2-Chloronaphthalene

Concen: 2.826 ng

RT: 9.369 min Scan# 1237

Delta R.T. -0.006 min

Lab File: BF139844.D

Acq: 18 Oct 2024 10:27

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

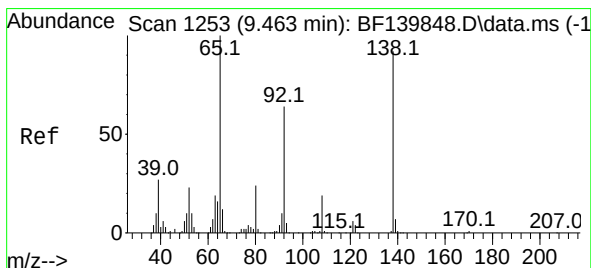
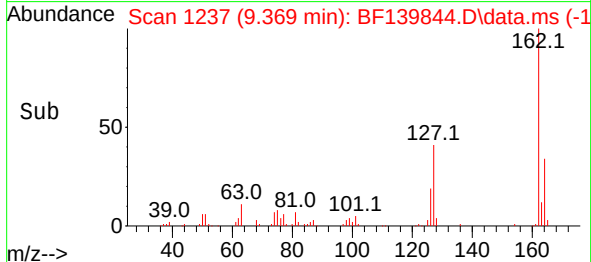
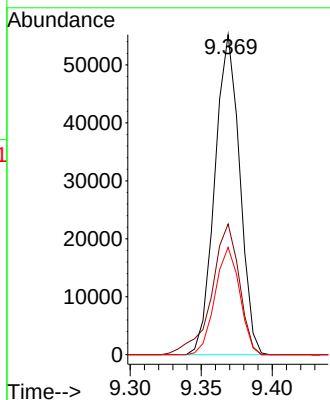
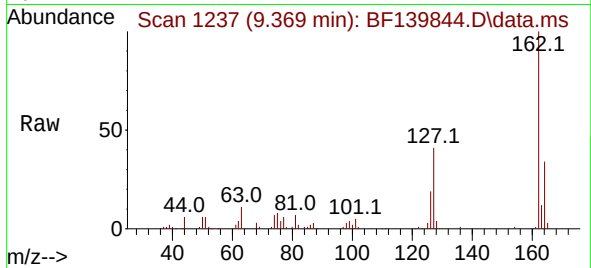
Tgt Ion:162 Resp: 67188

Ion Ratio Lower Upper

162 100

127 40.9 33.8 50.6

164 33.5 26.6 39.8



#48

2-Nitroaniline

Concen: 2.001 ng

RT: 9.457 min Scan# 1252

Delta R.T. -0.006 min

Lab File: BF139844.D

Acq: 18 Oct 2024 10:27

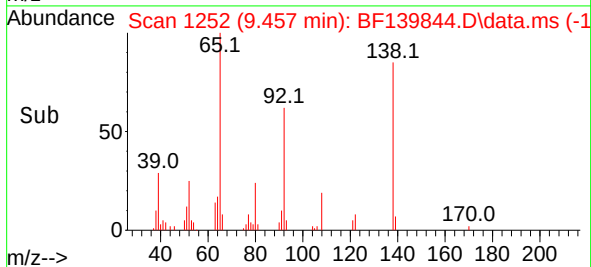
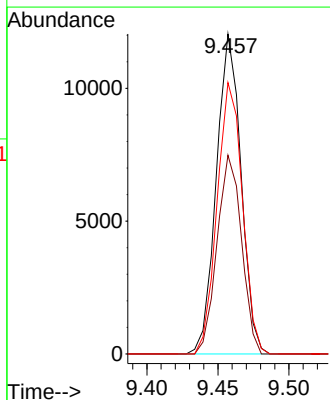
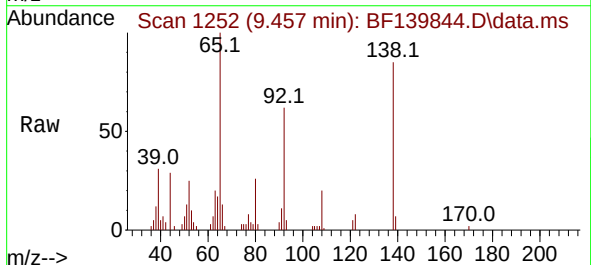
Tgt Ion: 65 Resp: 14551

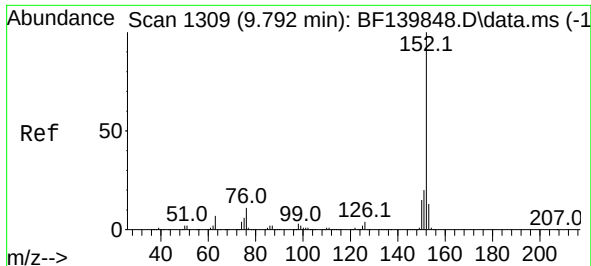
Ion Ratio Lower Upper

65 100

92 62.1 50.9 76.3

138 84.8 73.4 110.0





#49

Acenaphthylene

Concen: 2.863 ng

RT: 9.786 min Scan# 1309

Delta R.T. -0.006 min

Lab File: BF139844.D

Acq: 18 Oct 2024 10:27

Instrument :

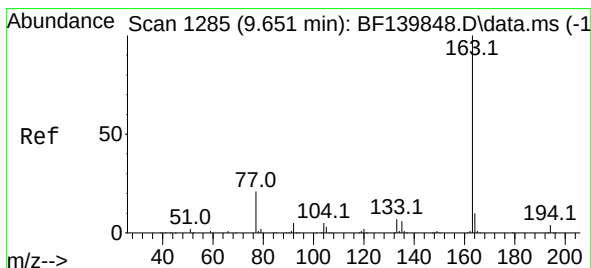
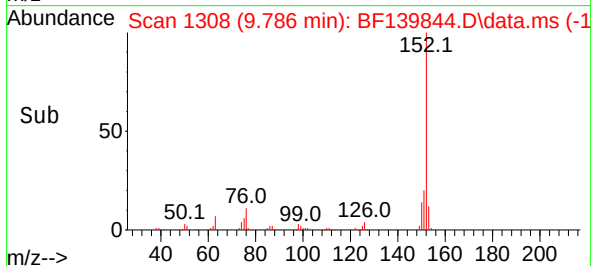
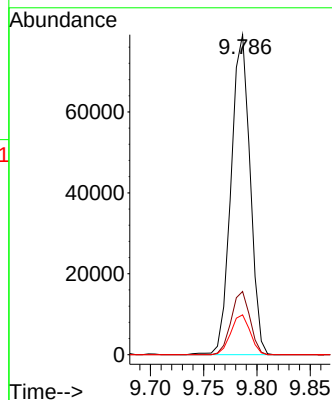
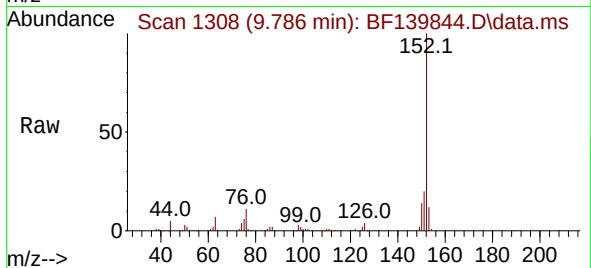
BNA\_F

ClientSampleId :

SSTDICC2.5

Tgt Ion:152 Resp: 98382

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 19.8  | 15.9  | 23.9  |
| 153 | 12.5  | 10.7  | 16.1  |



#50

Dimethylphthalate

Concen: 2.784 ng

RT: 9.639 min Scan# 1283

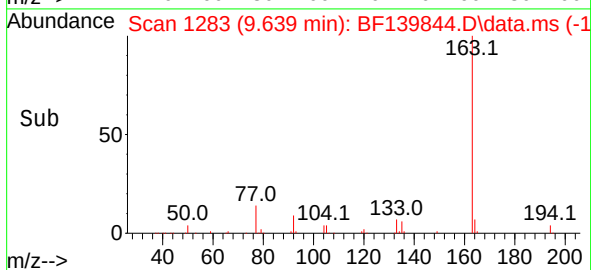
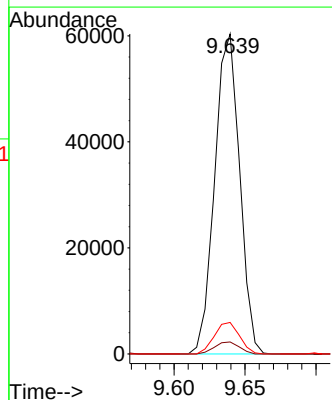
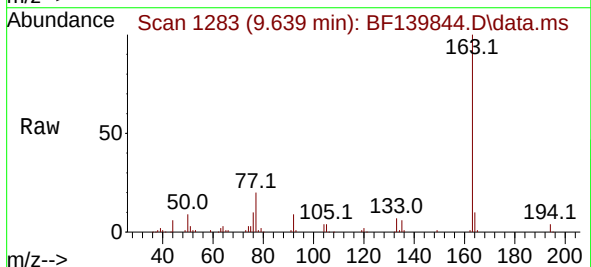
Delta R.T. -0.012 min

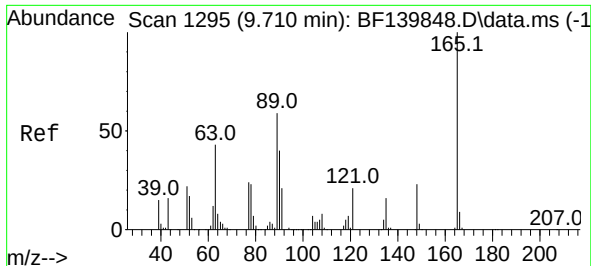
Lab File: BF139844.D

Acq: 18 Oct 2024 10:27

Tgt Ion:163 Resp: 73525

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 3.8   | 3.4   | 5.0   |
| 164 | 9.9   | 8.2   | 12.2  |

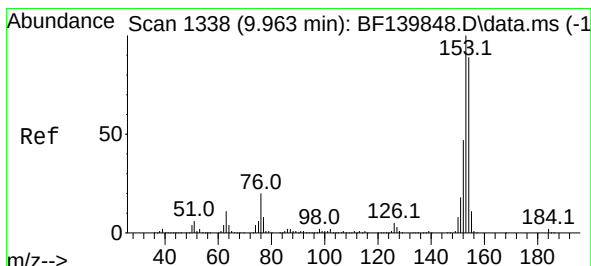
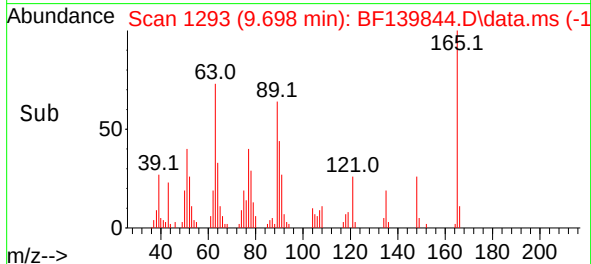
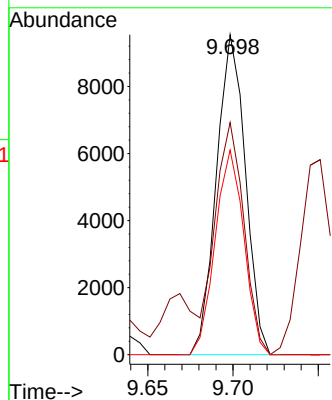
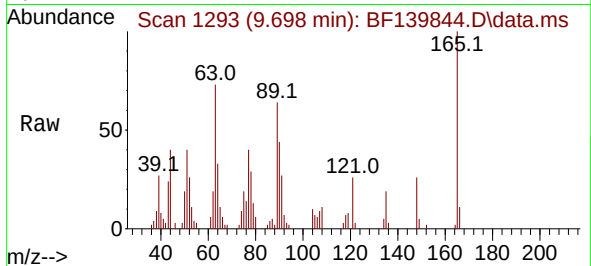




#51  
2,6-Dinitrotoluene  
Concen: 1.976 ng  
RT: 9.698 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF139844.D  
Acq: 18 Oct 2024 10:27

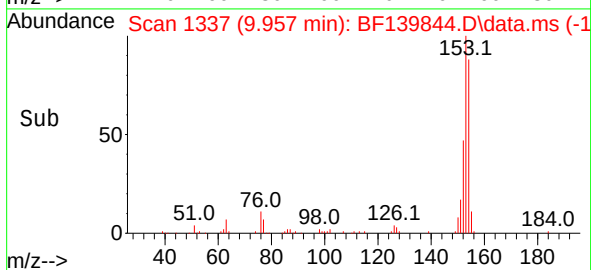
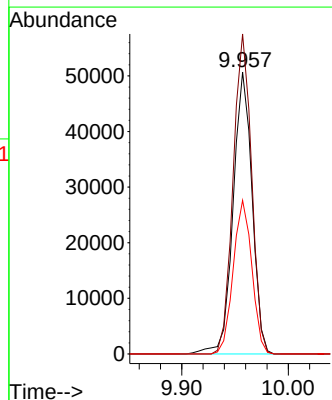
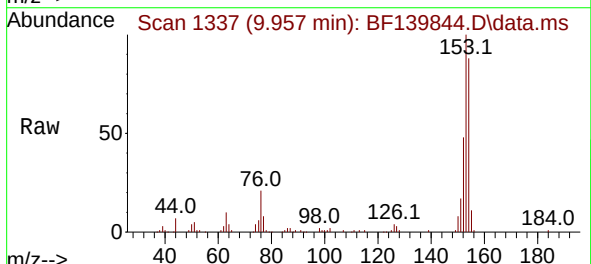
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

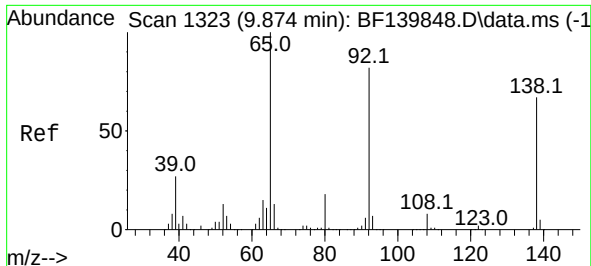
Tgt Ion:165 Resp: 11299  
Ion Ratio Lower Upper  
165 100  
63 72.5 50.6 75.8  
89 63.9 47.5 71.3



#52  
Acenaphthene  
Concen: 2.820 ng  
RT: 9.957 min Scan# 1337  
Delta R.T. -0.006 min  
Lab File: BF139844.D  
Acq: 18 Oct 2024 10:27

Tgt Ion:154 Resp: 62691  
Ion Ratio Lower Upper  
154 100  
153 113.5 89.8 134.6  
152 54.5 42.4 63.6





#53

3-Nitroaniline

Concen: 2.170 ng

RT: 9.863 min Scan# 1321

Delta R.T. -0.012 min

Lab File: BF139844.D

Acq: 18 Oct 2024 10:27

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

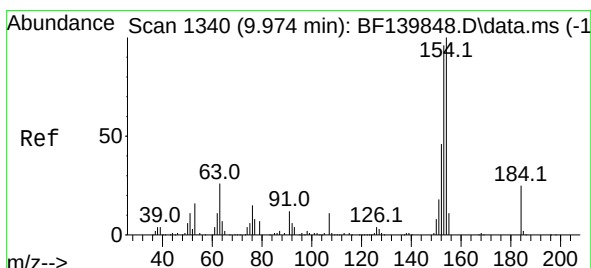
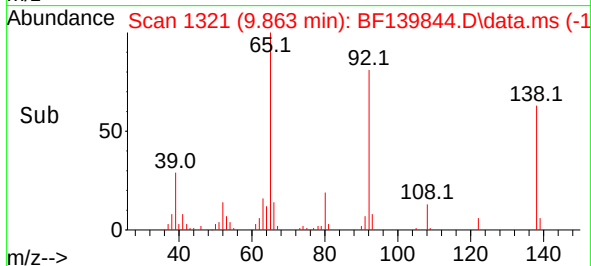
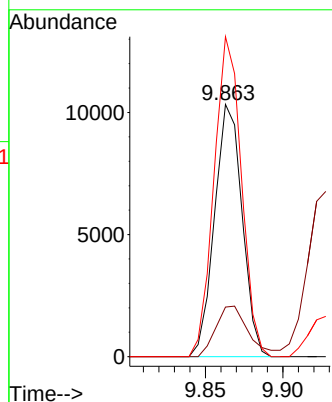
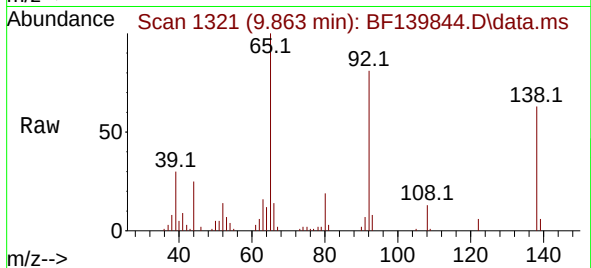
Tgt Ion:138 Resp: 12799

Ion Ratio Lower Upper

138 100

108 19.7 10.2 15.2#

92 126.9 98.3 147.5



#54

2,4-Dinitrophenol

Concen: 7.146 ng

RT: 9.969 min Scan# 1339

Delta R.T. -0.005 min

Lab File: BF139844.D

Acq: 18 Oct 2024 10:27

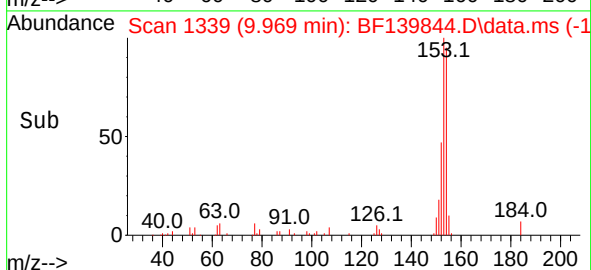
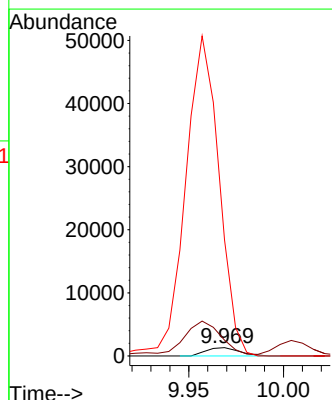
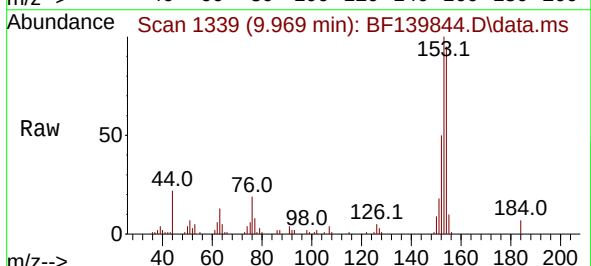
Tgt Ion:184 Resp: 1600

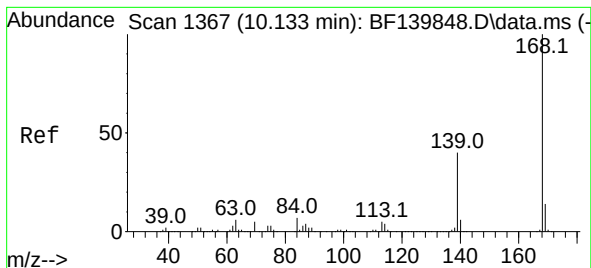
Ion Ratio Lower Upper

184 100

63 191.1 84.7 127.1#

154 1400.3 338.2 507.2#





#55

Dibenzenofuran

Concen: 2.976 ng

RT: 10.128 min Scan# 1366

Delta R.T. -0.006 min

Lab File: BF139844.D

Acq: 18 Oct 2024 10:27

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

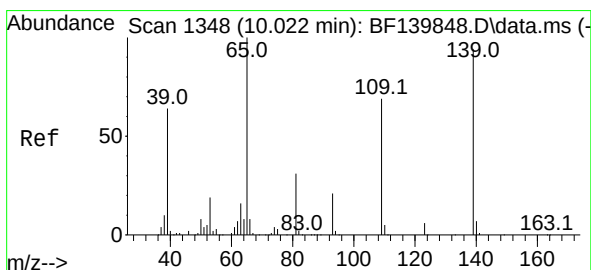
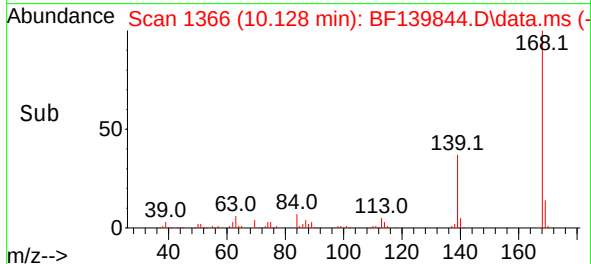
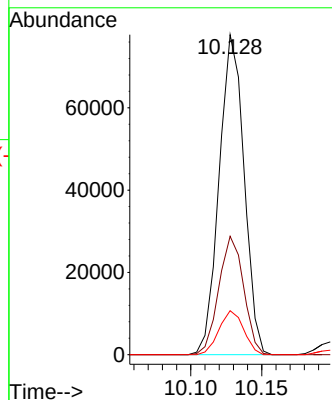
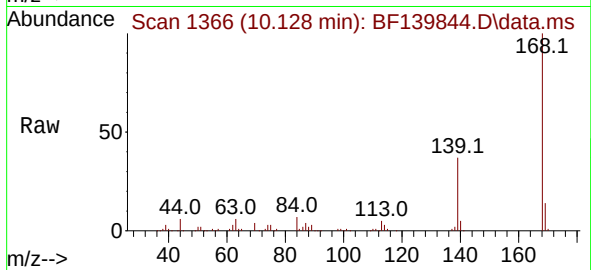
Tgt Ion:168 Resp: 94944

Ion Ratio Lower Upper

168 100

139 37.0 31.8 47.6

169 13.8 11.6 17.4



#56

4-Nitrophenol

Concen: 1.807 ng

RT: 10.004 min Scan# 1345

Delta R.T. -0.017 min

Lab File: BF139844.D

Acq: 18 Oct 2024 10:27

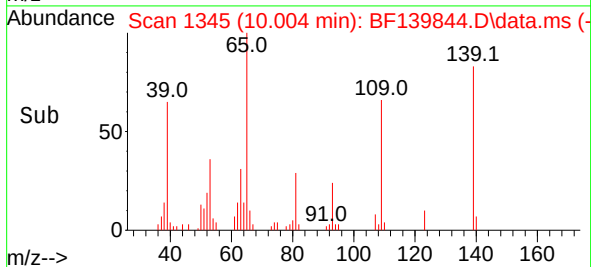
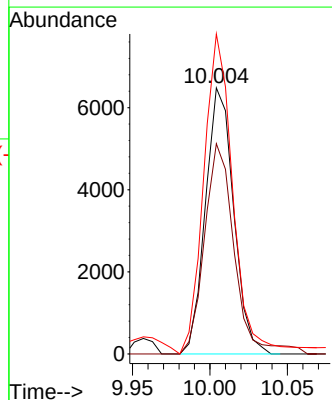
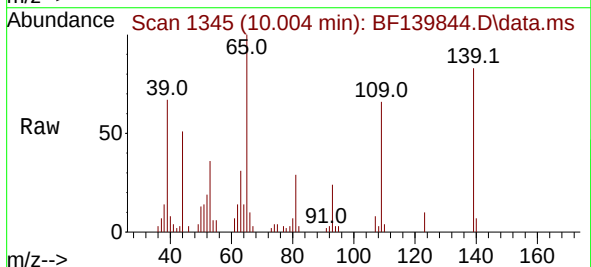
Tgt Ion:139 Resp: 8199

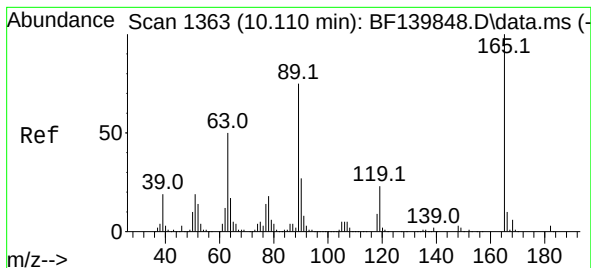
Ion Ratio Lower Upper

139 100

109 79.0 53.6 93.6

65 120.3 87.8 127.8

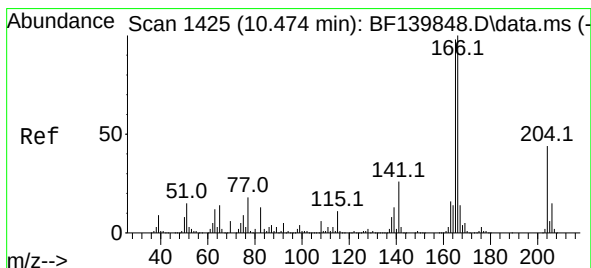
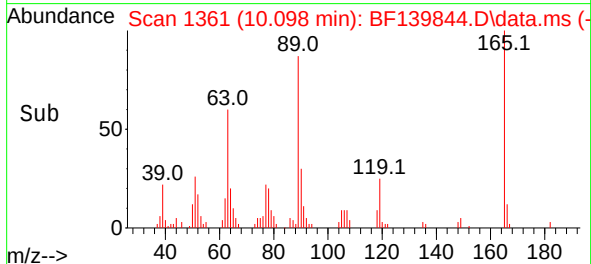
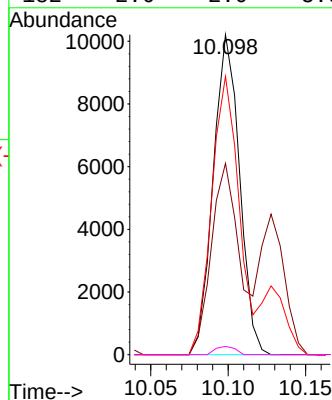
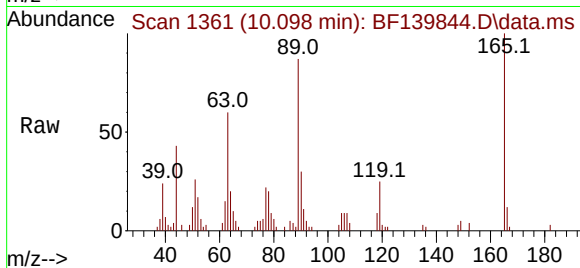




#57  
2,4-Dinitrotoluene  
Concen: 1.716 ng  
RT: 10.098 min Scan# 1410  
Delta R.T. -0.012 min  
Lab File: BF139844.D  
Acq: 18 Oct 2024 10:27

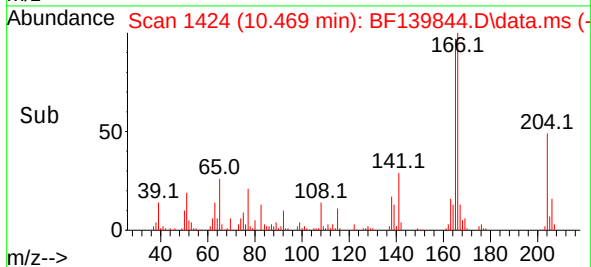
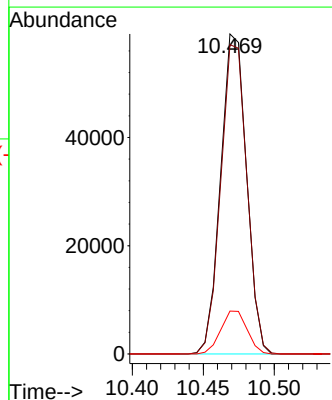
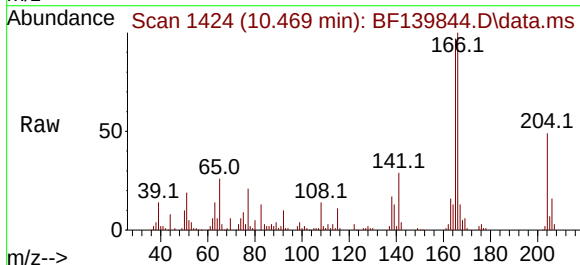
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 165   | Resp: | 12069 |
| Ion      | Ratio | Lower | Upper |
| 165      | 100   |       |       |
| 63       | 59.8  | 40.1  | 60.1  |
| 89       | 87.0  | 60.4  | 90.6  |
| 182      | 2.6   | 2.0   | 3.0   |

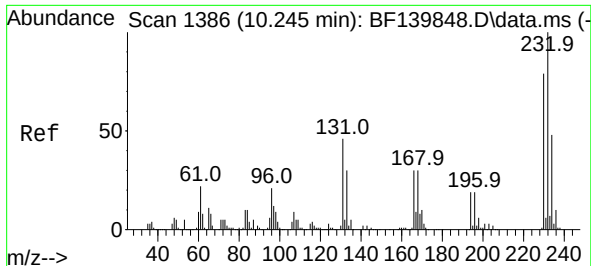


#58  
Fluorene  
Concen: 3.087 ng  
RT: 10.469 min Scan# 1424  
Delta R.T. -0.006 min  
Lab File: BF139844.D  
Acq: 18 Oct 2024 10:27

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 166   | Resp: | 75001 |
| Ion      | Ratio | Lower | Upper |
| 166      | 100   |       |       |
| 165      | 96.6  | 78.5  | 117.7 |
| 167      | 13.4  | 10.9  | 16.3  |







#59

2,3,4,6-Tetrachlorophenol

Concen: 2.503 ng

RT: 10.239 min Scan# 1402

Delta R.T. -0.006 min

Lab File: BF139844.D

Acq: 18 Oct 2024 10:27

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

Tgt Ion:232 Resp: 16393

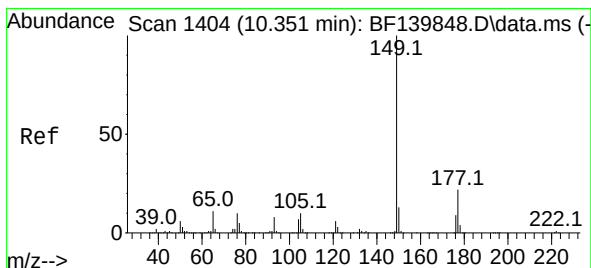
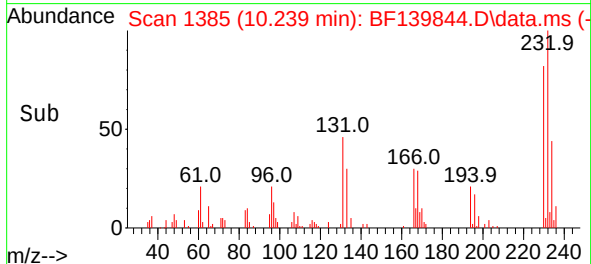
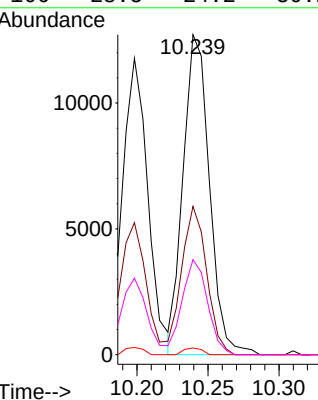
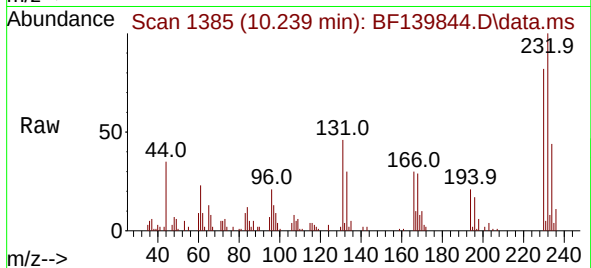
Ion Ratio Lower Upper

232 100

131 44.9 37.0 55.6

130 1.5 1.9 2.9#

166 28.5 24.2 36.2



#60

Diethylphthalate

Concen: 2.715 ng

RT: 10.339 min Scan# 1402

Delta R.T. -0.012 min

Lab File: BF139844.D

Acq: 18 Oct 2024 10:27

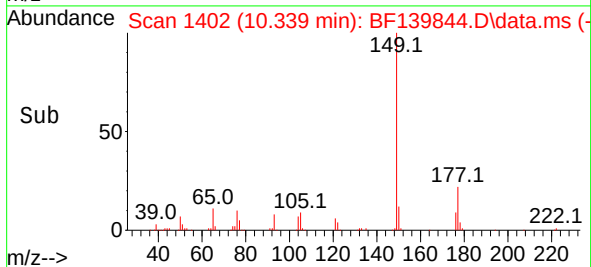
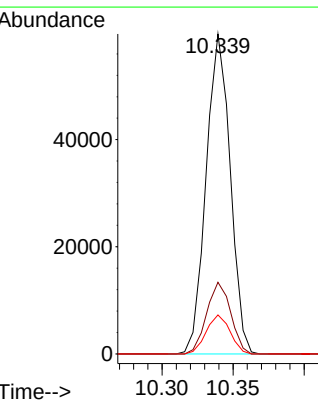
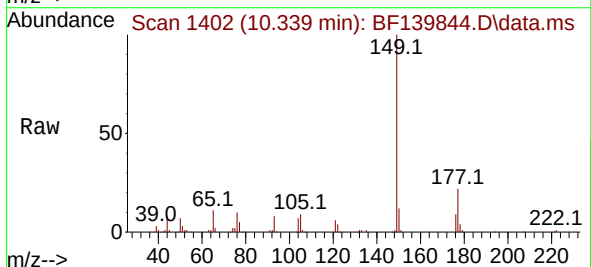
Tgt Ion:149 Resp: 70390

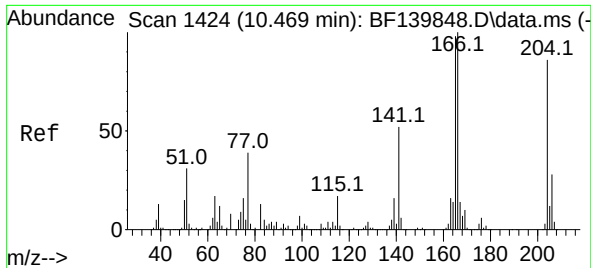
Ion Ratio Lower Upper

149 100

177 22.4 17.9 26.9

150 12.2 10.1 15.1

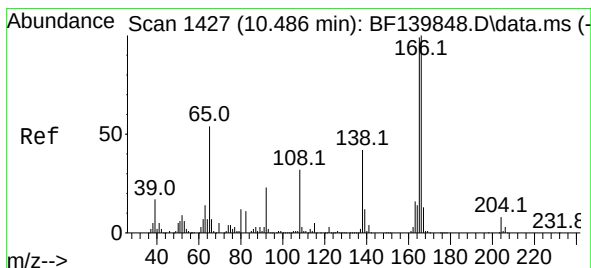
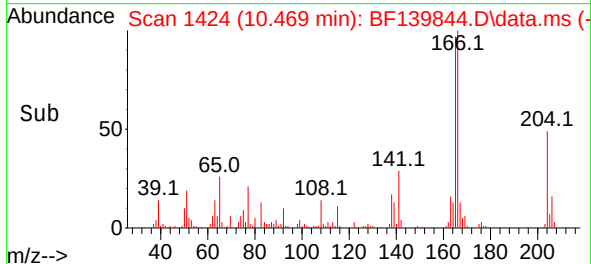
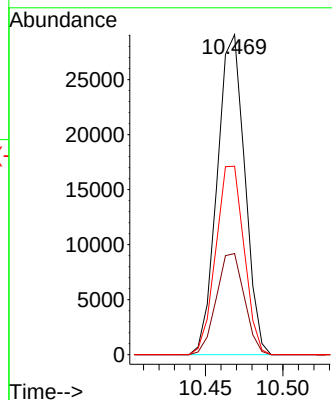
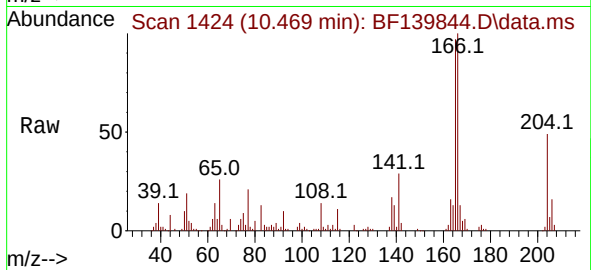




#61  
4-Chlorophenyl-phenylether  
Concen: 2.936 ng  
RT: 10.469 min Scan# 1424  
Delta R.T. 0.000 min  
Lab File: BF139844.D  
Acq: 18 Oct 2024 10:27

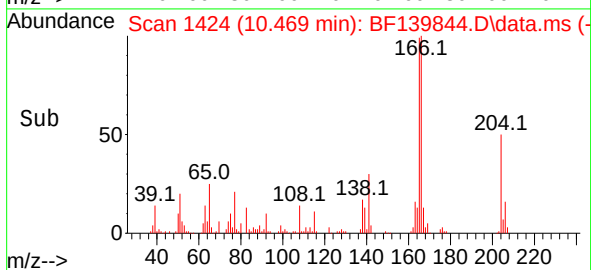
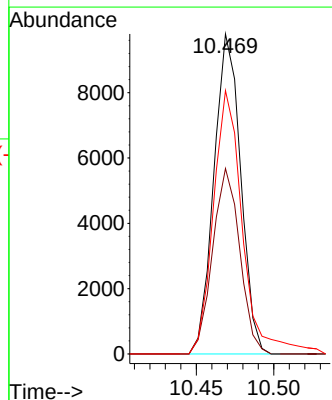
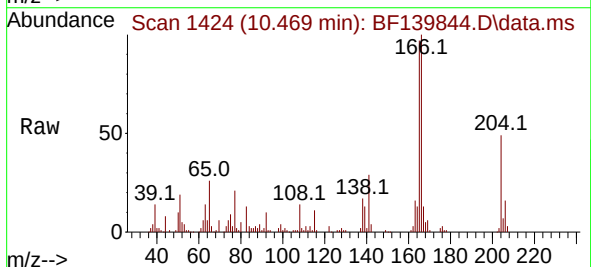
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

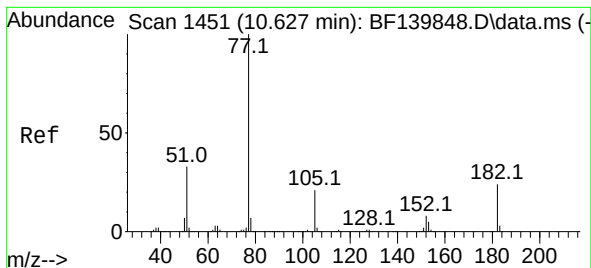
Tgt Ion:204 Resp: 36024  
Ion Ratio Lower Upper  
204 100  
206 31.6 26.3 39.5  
141 58.9 48.6 73.0



#62  
4-Nitroaniline  
Concen: 2.113 ng  
RT: 10.469 min Scan# 1424  
Delta R.T. -0.017 min  
Lab File: BF139844.D  
Acq: 18 Oct 2024 10:27

Tgt Ion:138 Resp: 11768  
Ion Ratio Lower Upper  
138 100  
92 57.9 35.7 75.7  
108 82.3 57.5 97.5





#63

Azobenzene

Concen: 2.760 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF139844.D

Acq: 18 Oct 2024 10:27

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

Tgt Ion: 77 Resp: 75879

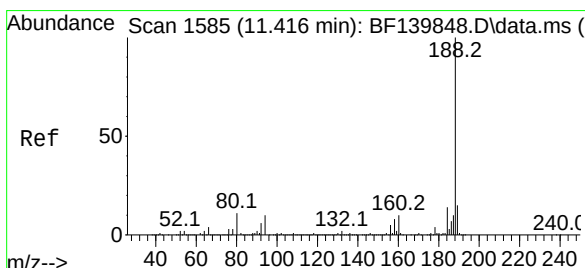
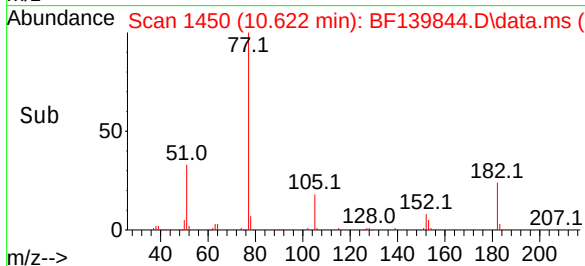
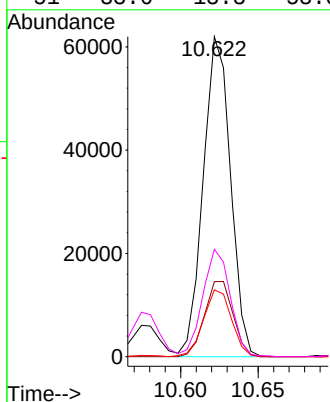
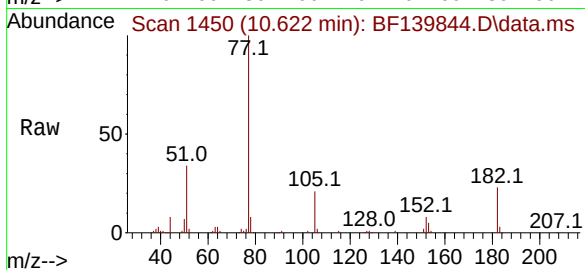
Ion Ratio Lower Upper

77 100

182 23.5 3.3 43.3

105 20.9 1.2 41.2

51 33.6 13.3 53.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1584

Delta R.T. -0.006 min

Lab File: BF139844.D

Acq: 18 Oct 2024 10:27

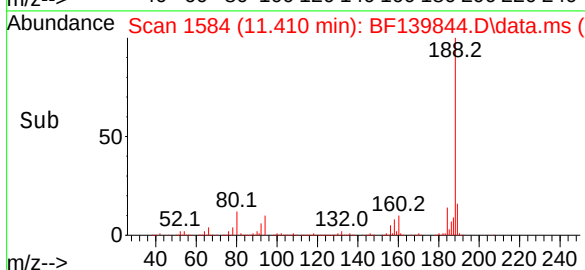
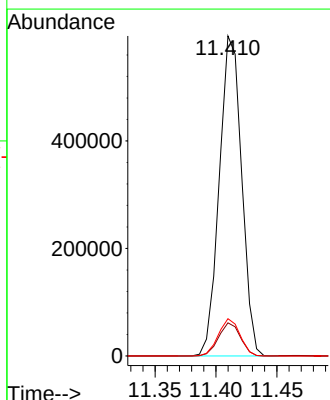
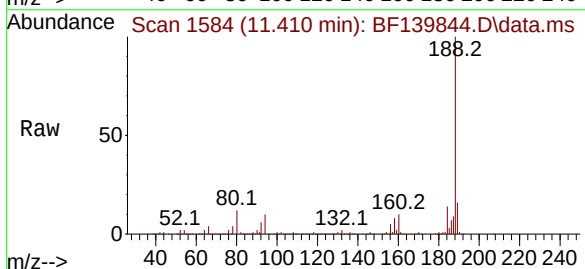
Tgt Ion:188 Resp: 760140

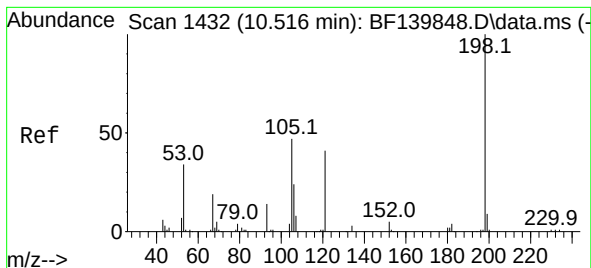
Ion Ratio Lower Upper

188 100

94 10.4 7.9 11.9

80 11.6 9.0 13.4

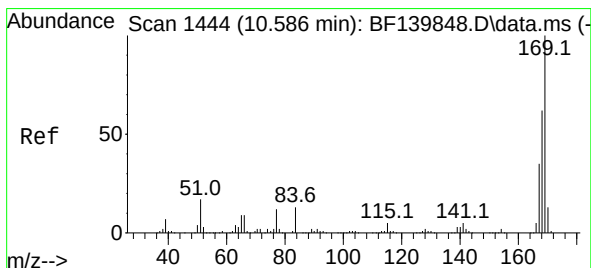
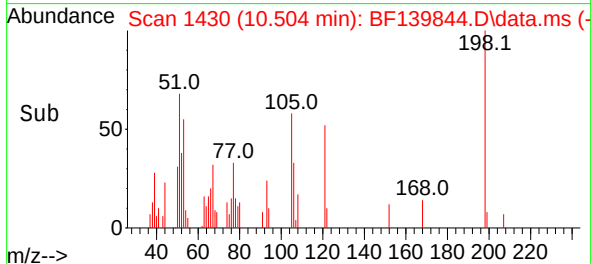
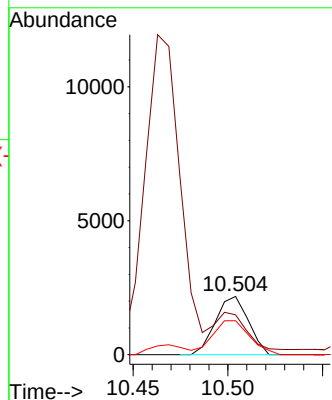
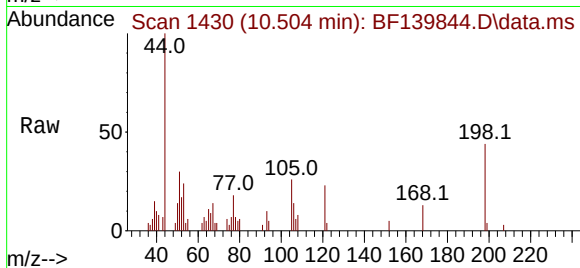




#65  
4,6-Dinitro-2-methylphenol  
Concen: 0.845 ng  
RT: 10.504 min Scan# 1432  
Delta R.T. -0.012 min  
Lab File: BF139844.D  
Acq: 18 Oct 2024 10:27

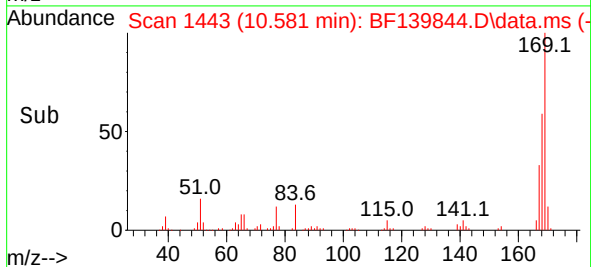
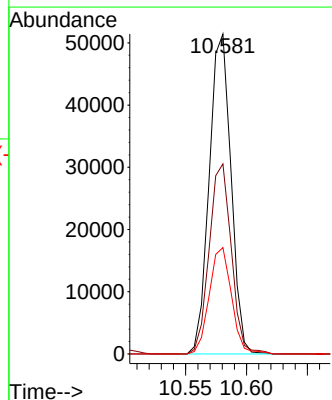
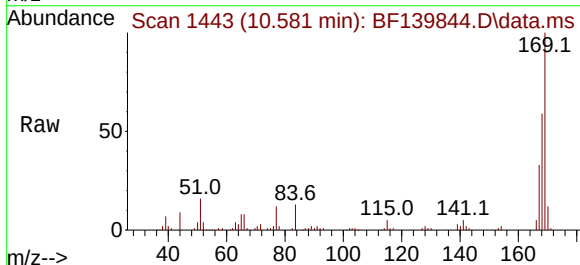
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

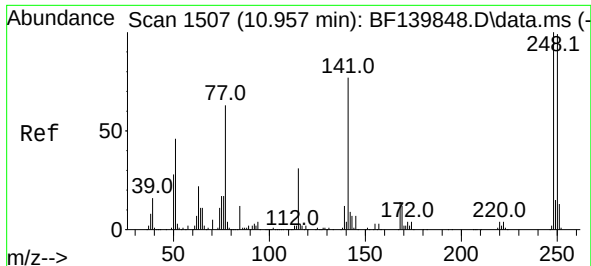
Tgt Ion:198 Resp: 2621  
Ion Ratio Lower Upper  
198 100  
51 68.3 38.2 78.2  
105 58.3 27.9 67.9



#66  
n-Nitrosodiphenylamine  
Concen: 2.805 ng  
RT: 10.581 min Scan# 1443  
Delta R.T. -0.006 min  
Lab File: BF139844.D  
Acq: 18 Oct 2024 10:27

Tgt Ion:169 Resp: 63824  
Ion Ratio Lower Upper  
169 100  
168 59.4 49.8 74.6  
167 33.3 28.0 42.0





#67

4-Bromophenyl-phenylether

Concen: 2.727 ng

RT: 10.957 min Scan# 1507

Delta R.T. 0.000 min

Lab File: BF139844.D

Acq: 18 Oct 2024 10:27

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

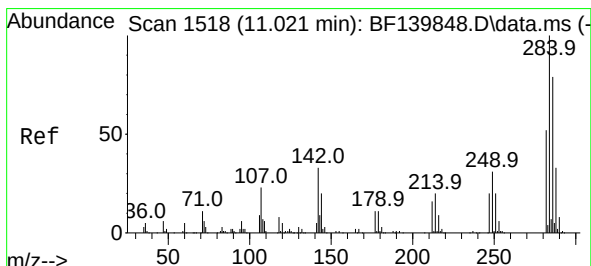
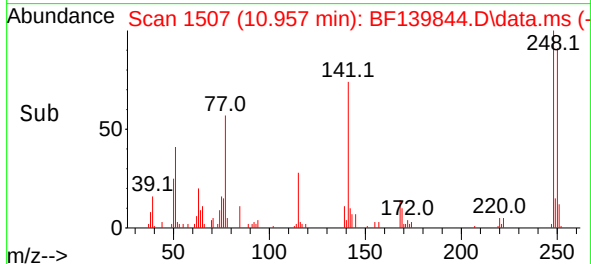
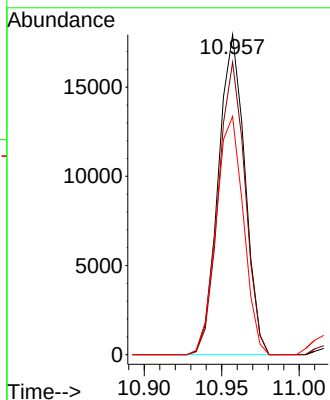
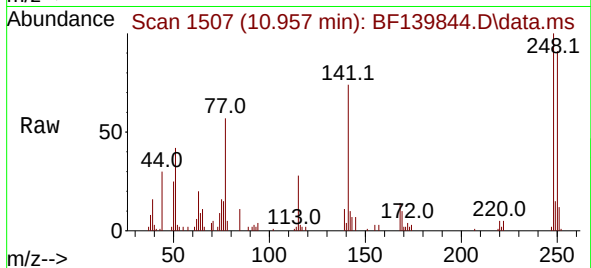
Tgt Ion:248 Resp: 21358

Ion Ratio Lower Upper

248 100

250 91.4 79.0 118.6

141 74.4 61.7 92.5



#68

Hexachlorobenzene

Concen: 2.725 ng

RT: 11.016 min Scan# 1517

Delta R.T. -0.006 min

Lab File: BF139844.D

Acq: 18 Oct 2024 10:27

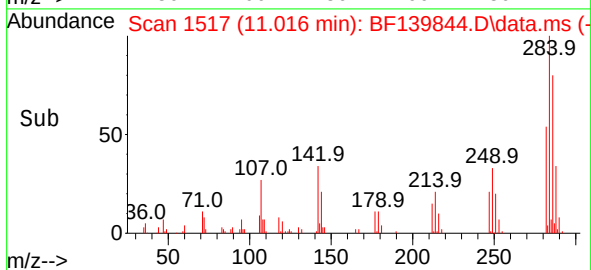
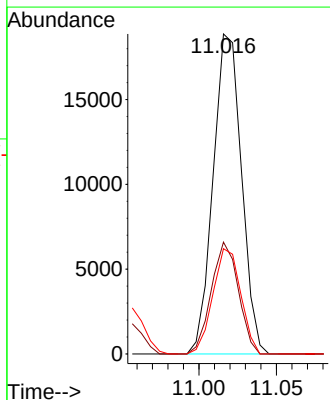
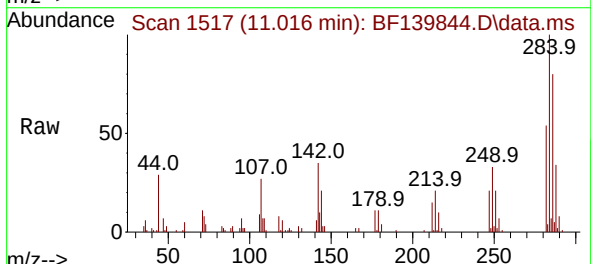
Tgt Ion:284 Resp: 24002

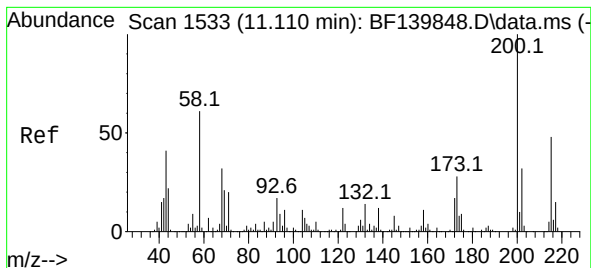
Ion Ratio Lower Upper

284 100

142 34.9 26.9 40.3

249 32.9 25.3 37.9





#69

Atrazine

Concen: 2.933 ng

RT: 11.104 min Scan# 1532

Delta R.T. -0.006 min

Lab File: BF139844.D

Acq: 18 Oct 2024 10:27

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

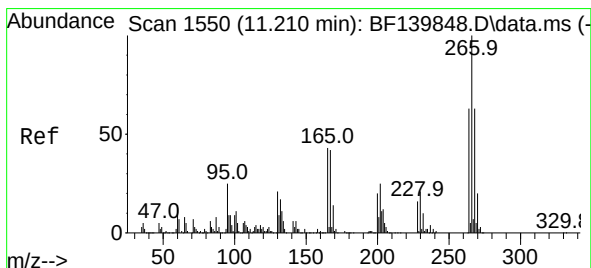
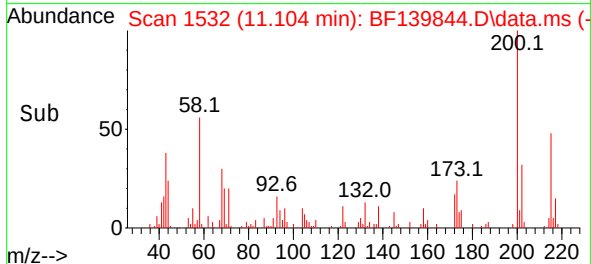
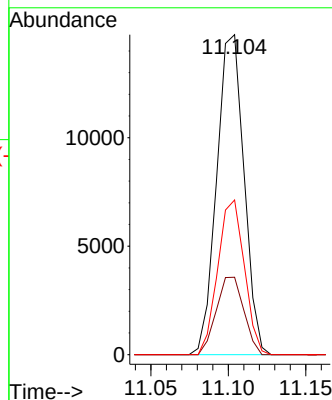
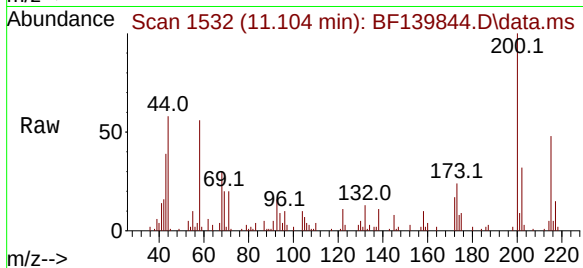
Tgt Ion:200 Resp: 18075

Ion Ratio Lower Upper

200 100

173 24.2 7.7 47.7

215 48.3 27.7 67.7



#70

Pentachlorophenol

Concen: 1.700 ng

RT: 11.210 min Scan# 1550

Delta R.T. 0.000 min

Lab File: BF139844.D

Acq: 18 Oct 2024 10:27

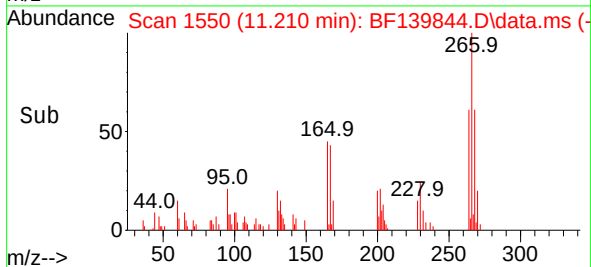
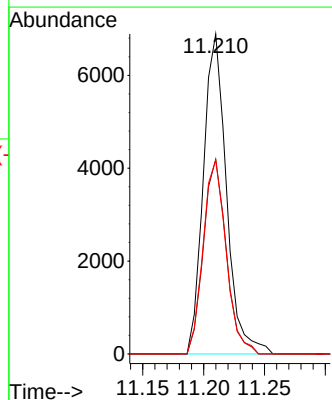
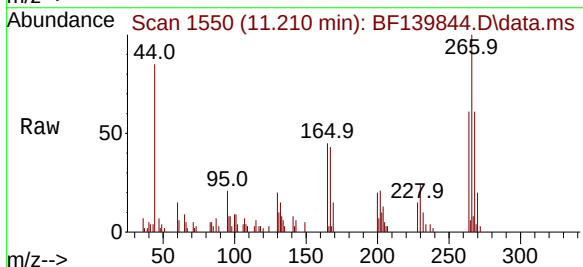
Tgt Ion:266 Resp: 9089

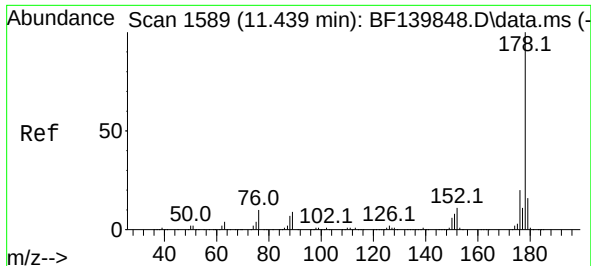
Ion Ratio Lower Upper

266 100

268 60.8 50.4 75.6

264 60.6 50.6 75.8

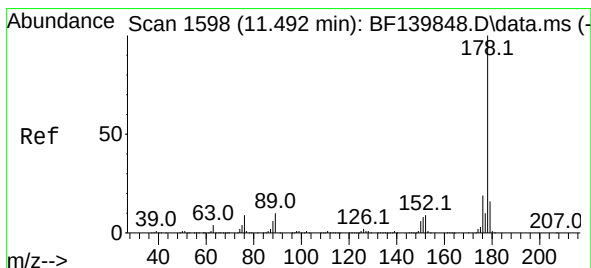
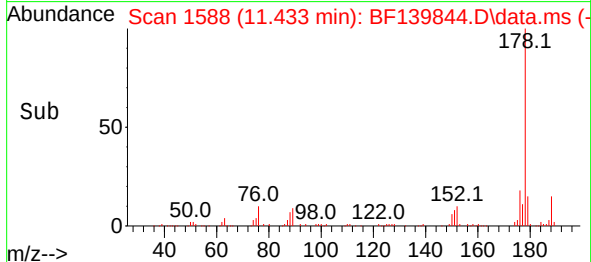
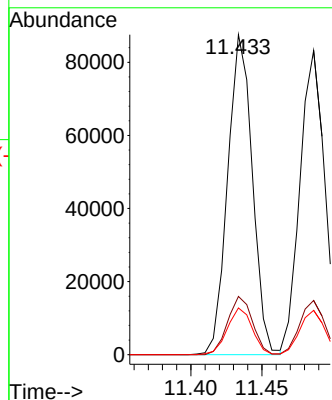
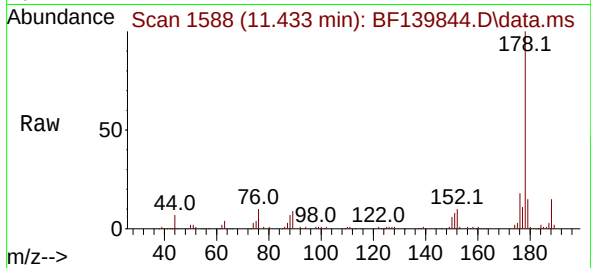




#71  
Phenanthrene  
Concen: 2.955 ng  
RT: 11.433 min Scan# 1589  
Delta R.T. -0.006 min  
Lab File: BF139844.D  
Acq: 18 Oct 2024 10:27

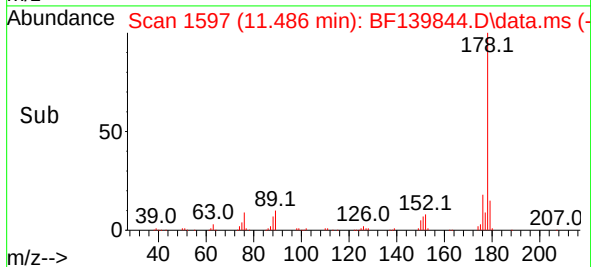
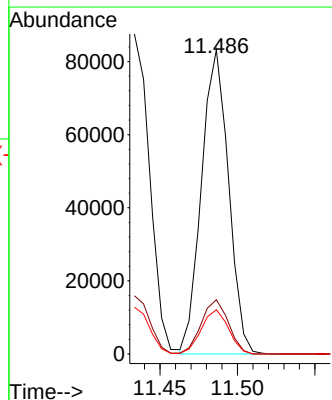
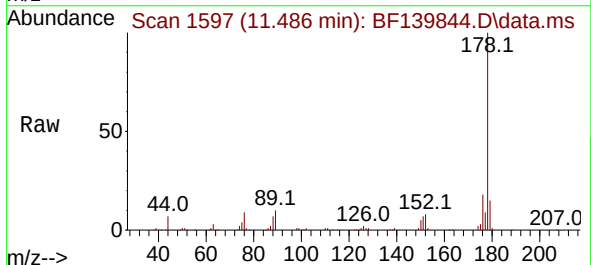
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

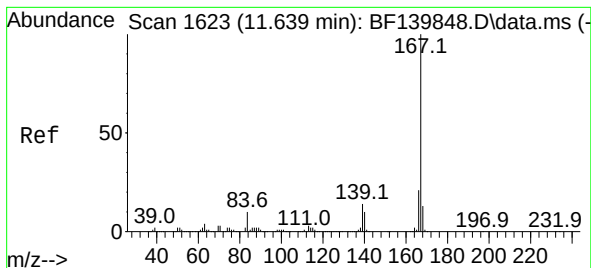
Tgt Ion:178 Resp: 106098  
Ion Ratio Lower Upper  
178 100  
176 18.2 15.8 23.6  
179 14.6 12.6 18.8



#72  
Anthracene  
Concen: 2.887 ng  
RT: 11.486 min Scan# 1597  
Delta R.T. -0.006 min  
Lab File: BF139844.D  
Acq: 18 Oct 2024 10:27

Tgt Ion:178 Resp: 101133  
Ion Ratio Lower Upper  
178 100  
176 17.8 15.3 22.9  
179 14.6 12.4 18.6





#73

Carbazole

Concen: 2.939 ng

RT: 11.639 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139844.D

Acq: 18 Oct 2024 10:27

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

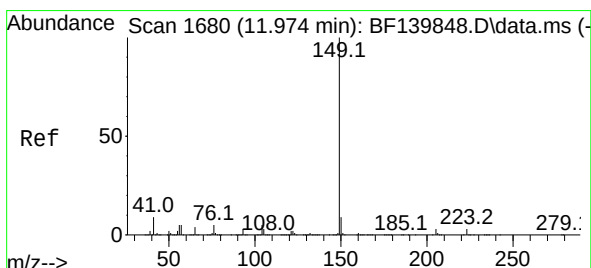
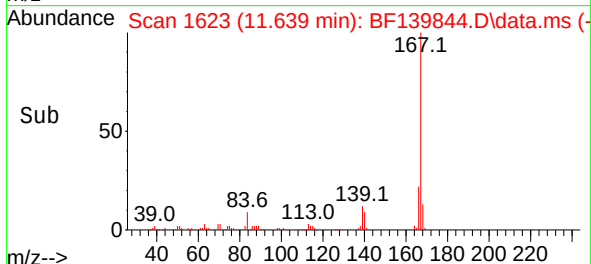
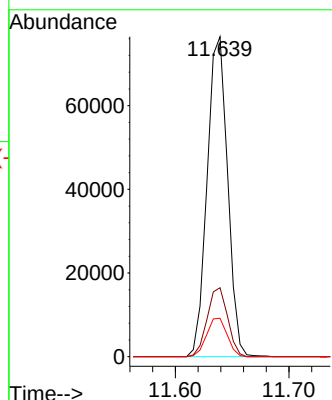
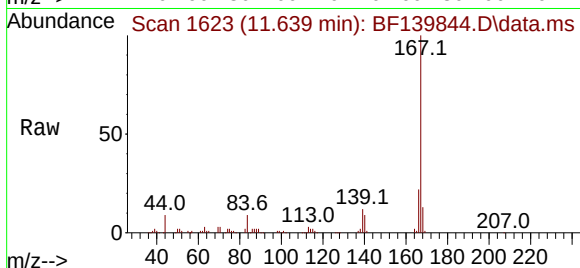
Tgt Ion:167 Resp: 95746

Ion Ratio Lower Upper

167 100

166 21.6 17.0 25.6

139 12.0 10.8 16.2



#74

Di-n-butylphthalate

Concen: 2.667 ng

RT: 11.975 min Scan# 1680

Delta R.T. 0.000 min

Lab File: BF139844.D

Acq: 18 Oct 2024 10:27

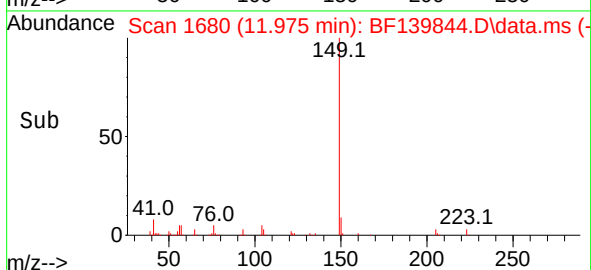
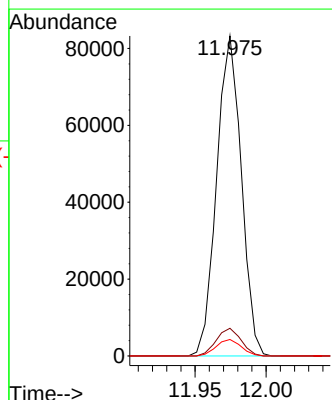
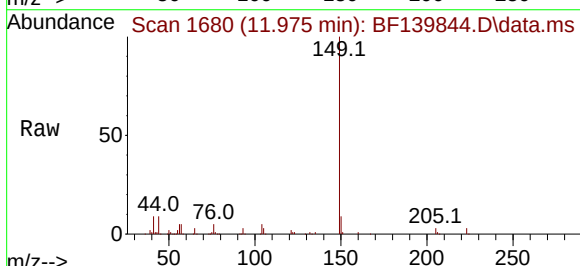
Tgt Ion:149 Resp: 100389

Ion Ratio Lower Upper

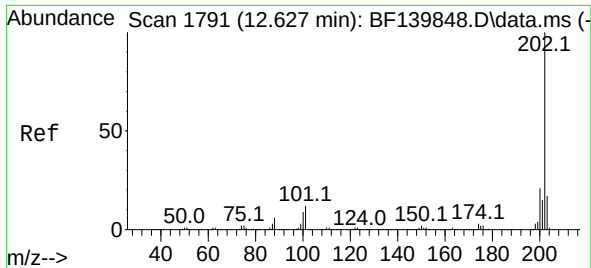
149 100

150 8.7 7.5 11.3

104 5.2 4.1 6.1



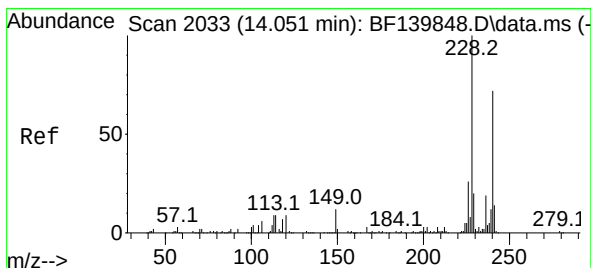
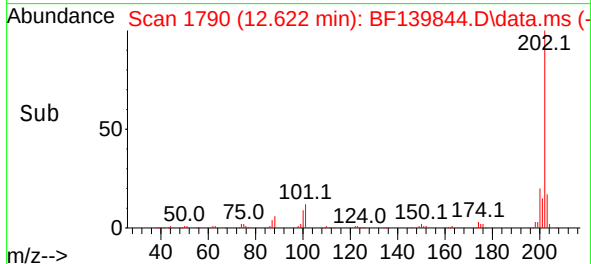
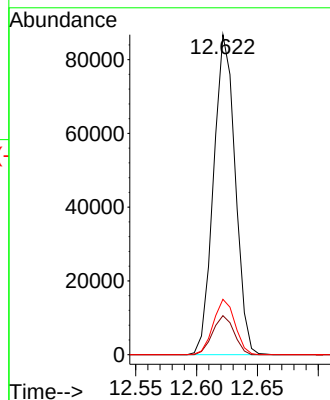
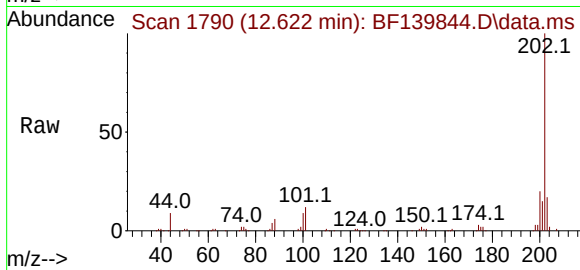




#75  
Fluoranthene  
Concen: 2.966 ng  
RT: 12.622 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF139844.D  
Acq: 18 Oct 2024 10:27

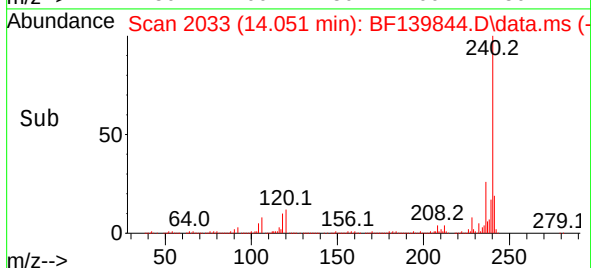
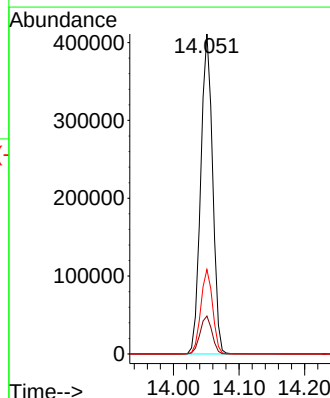
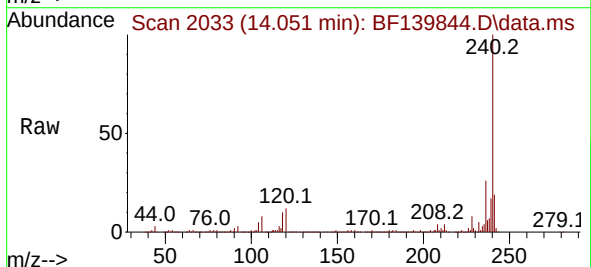
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

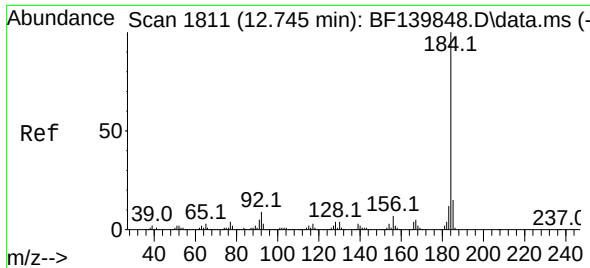
Tgt Ion:202 Resp: 107673  
Ion Ratio Lower Upper  
202 100  
101 12.2 0.0 31.9  
203 17.3 0.0 37.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.051 min Scan# 2033  
Delta R.T. 0.000 min  
Lab File: BF139844.D  
Acq: 18 Oct 2024 10:27

Tgt Ion:240 Resp: 519381  
Ion Ratio Lower Upper  
240 100  
120 11.9 9.4 14.2  
236 26.4 20.9 31.3

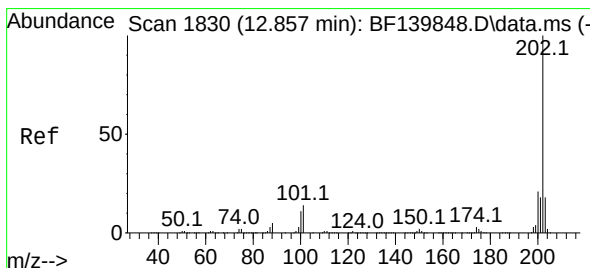
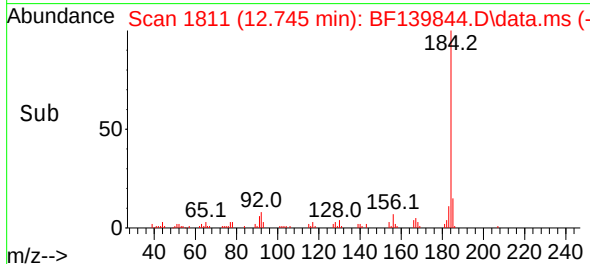
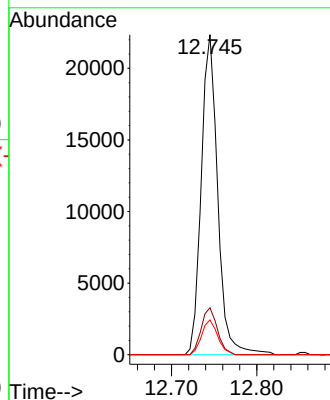
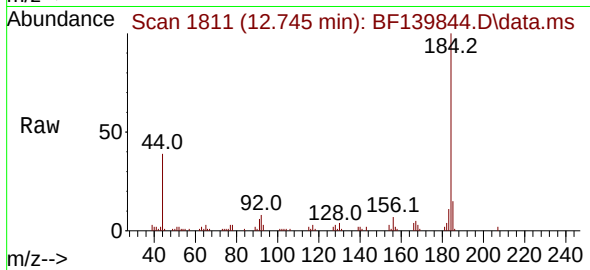




#77  
Benzidine  
Concen: 3.544 ng  
RT: 12.745 min Scan# 1811  
Delta R.T. 0.000 min  
Lab File: BF139844.D  
Acq: 18 Oct 2024 10:27

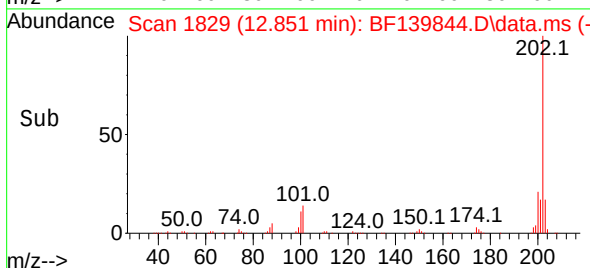
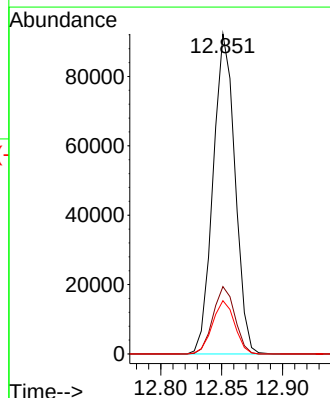
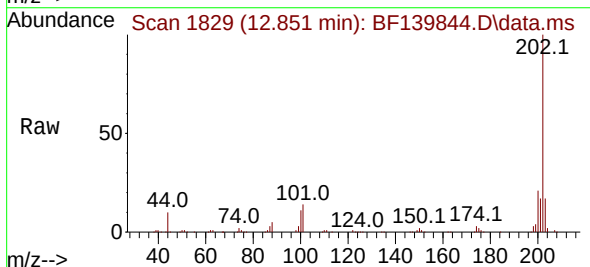
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

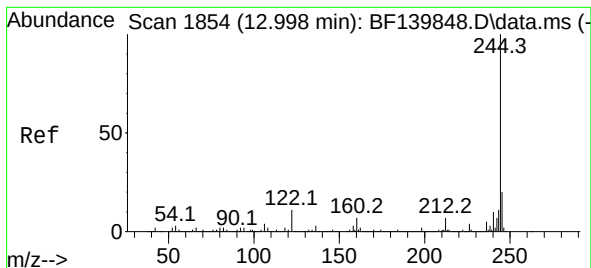
Tgt Ion:184 Resp: 29940  
Ion Ratio Lower Upper  
184 100  
185 14.7 12.0 18.0  
183 10.8 9.4 14.2



#78  
Pyrene  
Concen: 2.546 ng  
RT: 12.851 min Scan# 1829  
Delta R.T. -0.006 min  
Lab File: BF139844.D  
Acq: 18 Oct 2024 10:27

Tgt Ion:202 Resp: 115746  
Ion Ratio Lower Upper  
202 100  
200 21.1 17.2 25.8  
203 16.7 14.2 21.4





#79

Terphenyl-d14

Concen: 5.369 ng

RT: 12.992 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BF139844.D

Acq: 18 Oct 2024 10:27

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

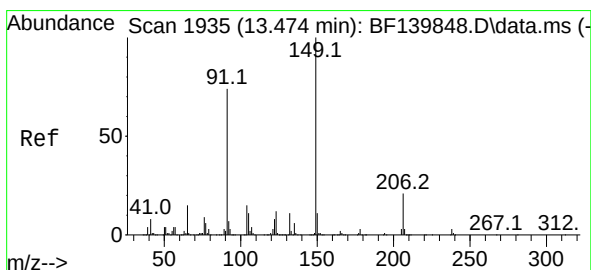
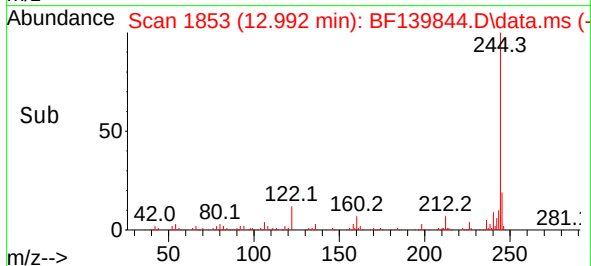
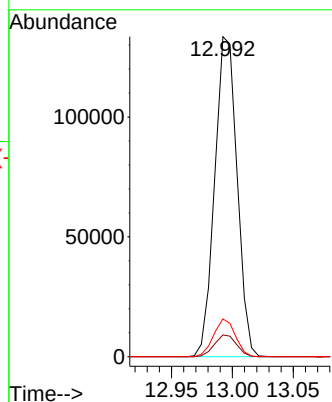
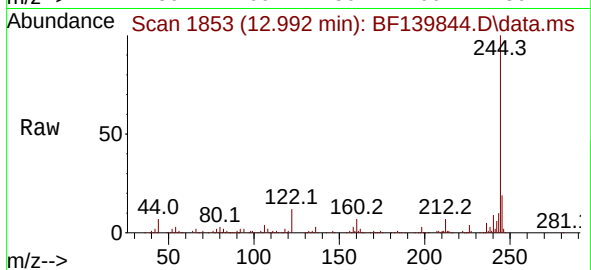
Tgt Ion:244 Resp: 171134

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

122 11.8 8.6 13.0



#80

Butylbenzylphthalate

Concen: 2.233 ng

RT: 13.474 min Scan# 1935

Delta R.T. 0.000 min

Lab File: BF139844.D

Acq: 18 Oct 2024 10:27

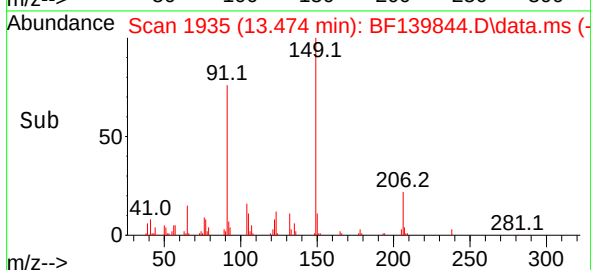
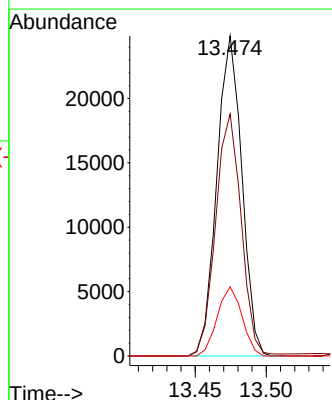
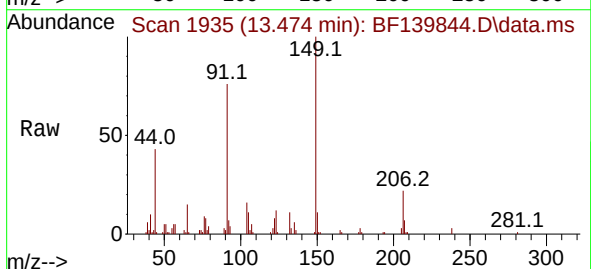
Tgt Ion:149 Resp: 30436

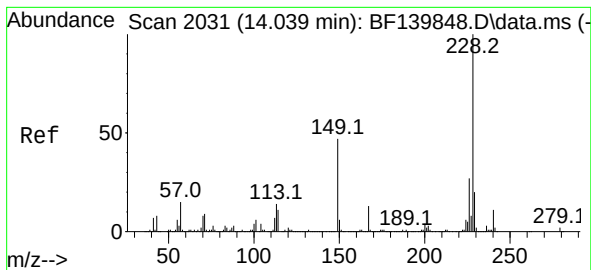
Ion Ratio Lower Upper

149 100

91 75.7 59.4 89.2

206 21.6 16.4 24.6

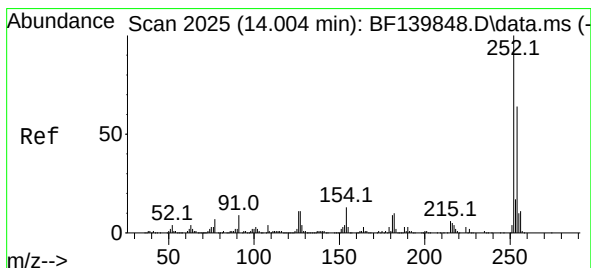
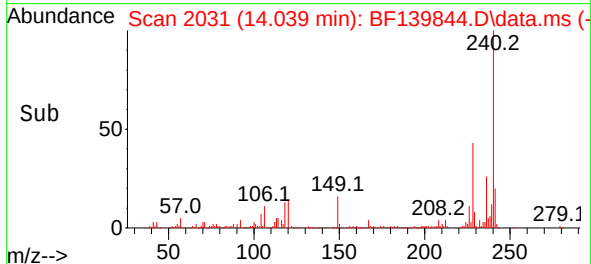
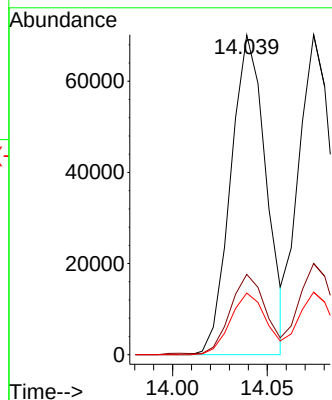
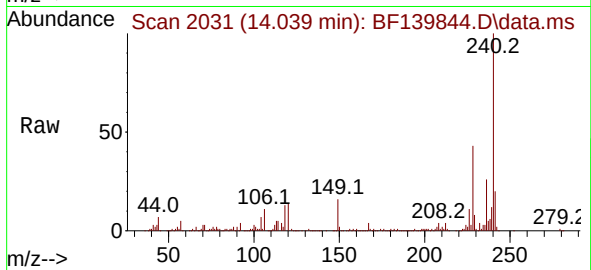




#81  
Benzo(a)anthracene  
Concen: 2.702 ng  
RT: 14.039 min Scan# 2031  
Delta R.T. 0.000 min  
Lab File: BF139844.D  
Acq: 18 Oct 2024 10:27

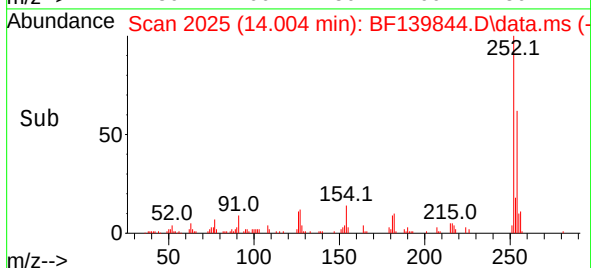
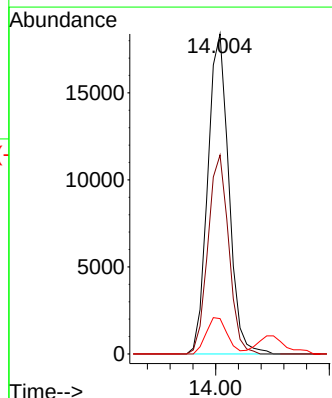
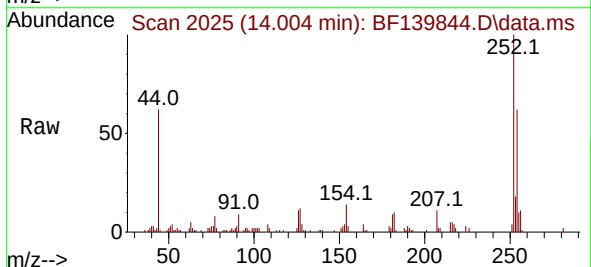
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

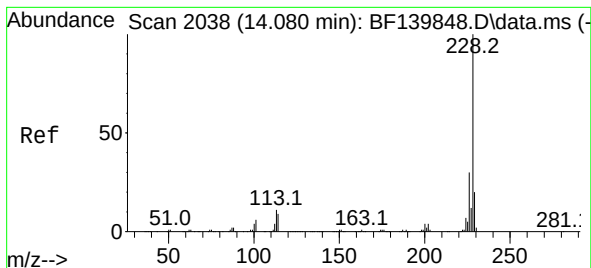
Tgt Ion:228 Resp: 91340  
Ion Ratio Lower Upper  
228 100  
226 25.1 21.6 32.4  
229 19.2 16.1 24.1



#82  
3,3'-Dichlorobenzidine  
Concen: 2.393 ng  
RT: 14.004 min Scan# 2025  
Delta R.T. 0.000 min  
Lab File: BF139844.D  
Acq: 18 Oct 2024 10:27

Tgt Ion:252 Resp: 23585  
Ion Ratio Lower Upper  
252 100  
254 62.1 50.8 76.2  
126 11.0 8.9 13.3





#83

Chrysene

Concen: 2.774 ng

RT: 14.074 min Scan# 2037

Delta R.T. -0.006 min

Lab File: BF139844.D

Acq: 18 Oct 2024 10:27

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

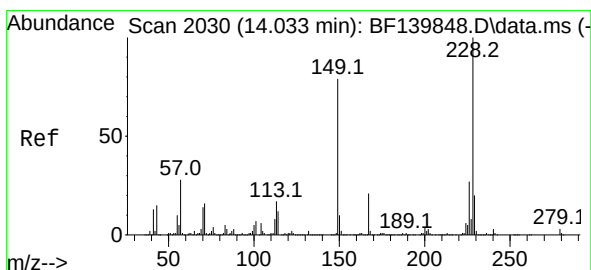
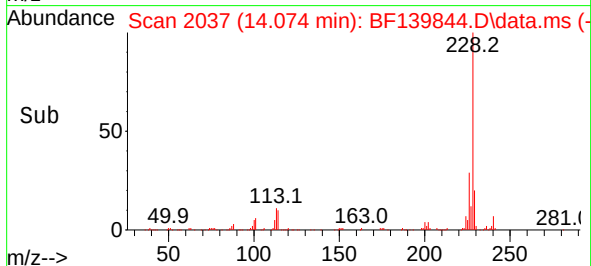
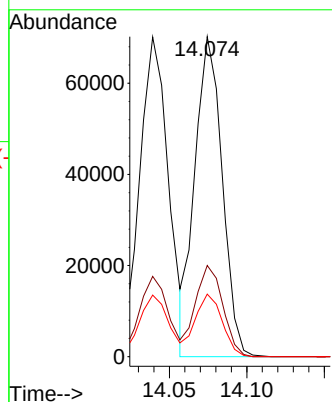
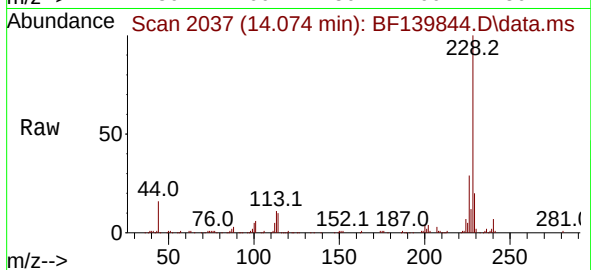
Tgt Ion:228 Resp: 85980

Ion Ratio Lower Upper

228 100

226 28.5 24.1 36.1

229 19.6 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.247 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139844.D

Acq: 18 Oct 2024 10:27

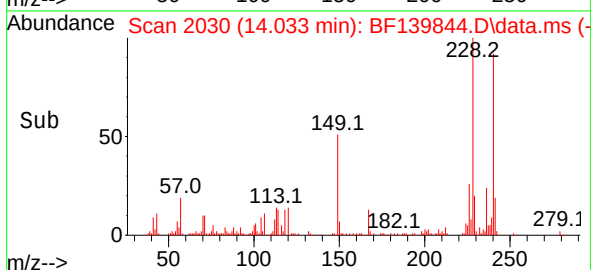
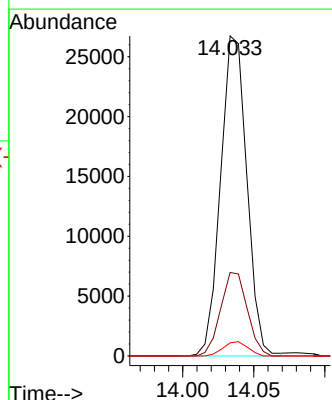
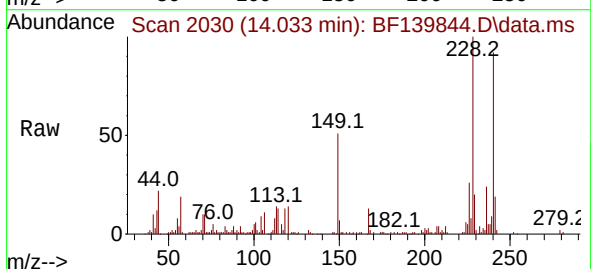
Tgt Ion:149 Resp: 34360

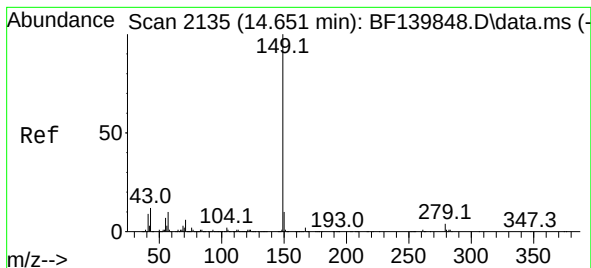
Ion Ratio Lower Upper

149 100

167 26.1 21.4 32.0

279 4.1 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 1.494 ng

RT: 14.651 min Scan# 2135

Delta R.T. -0.000 min

Lab File: BF139844.D

Acq: 18 Oct 2024 10:27

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

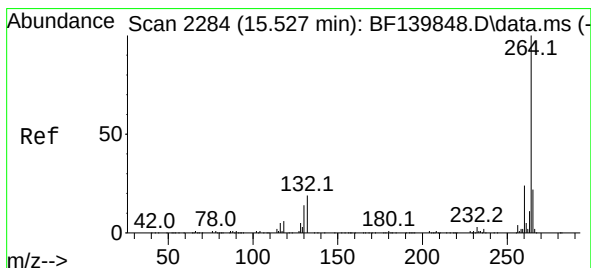
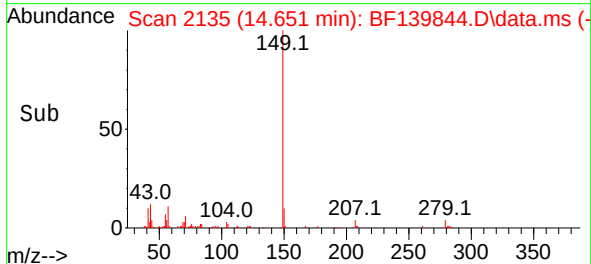
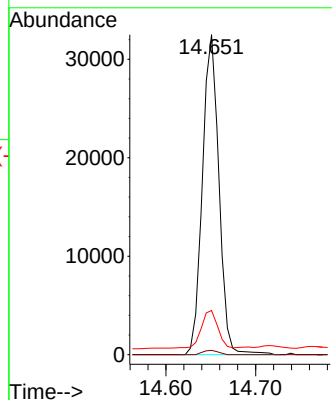
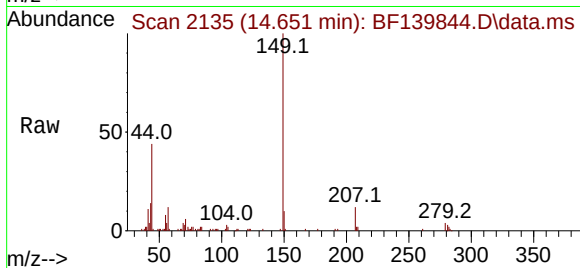
Tgt Ion:149 Resp: 41560

Ion Ratio Lower Upper

149 100

167 1.3 1.2 1.8

43 13.3 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2284

Delta R.T. 0.000 min

Lab File: BF139844.D

Acq: 18 Oct 2024 10:27

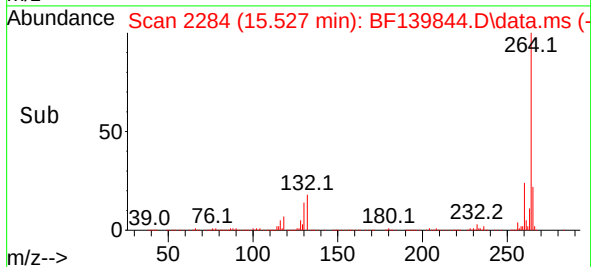
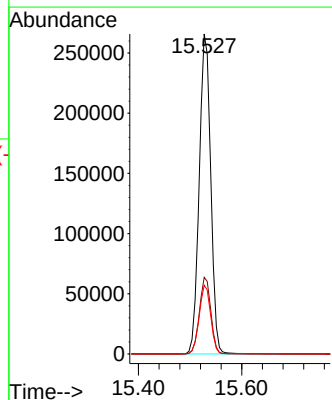
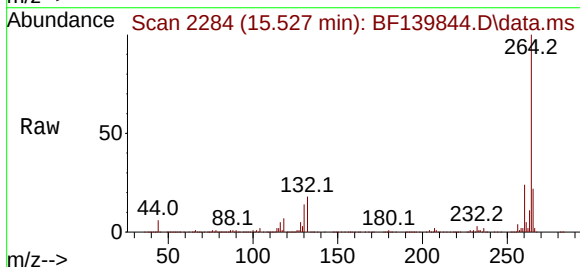
Tgt Ion:264 Resp: 410408

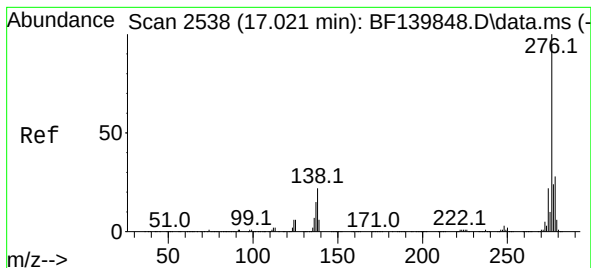
Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.2

265 21.5 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.157 ng

RT: 17.010 min Scan# 2110

Delta R.T. -0.012 min

Lab File: BF139844.D

Acq: 18 Oct 2024 10:27

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

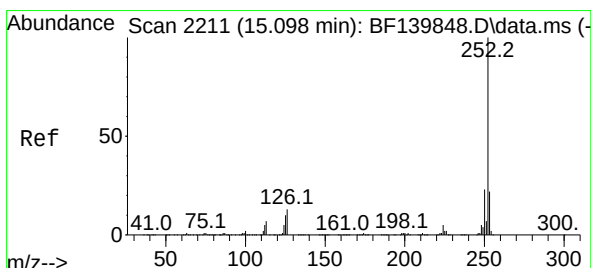
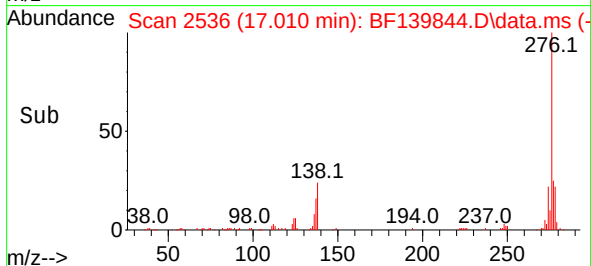
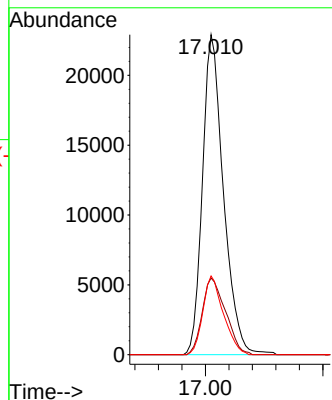
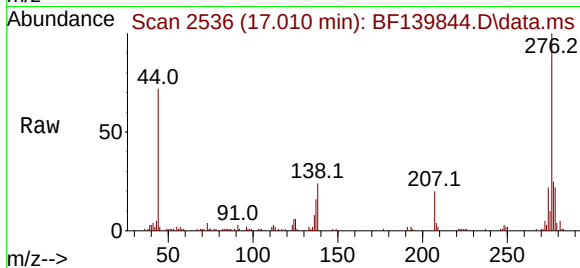
Tgt Ion:276 Resp: 56959

Ion Ratio Lower Upper

276 100

138 26.4 20.4 30.6

277 24.0 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 2.542 ng

RT: 15.092 min Scan# 2210

Delta R.T. -0.006 min

Lab File: BF139844.D

Acq: 18 Oct 2024 10:27

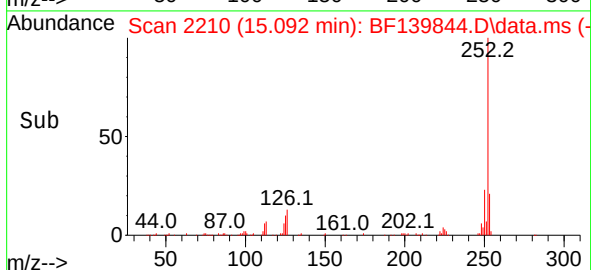
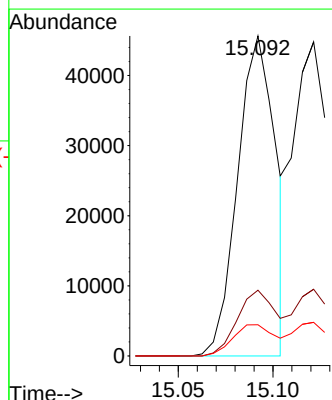
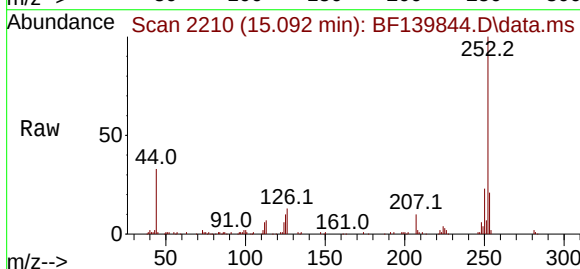
Tgt Ion:252 Resp: 63562

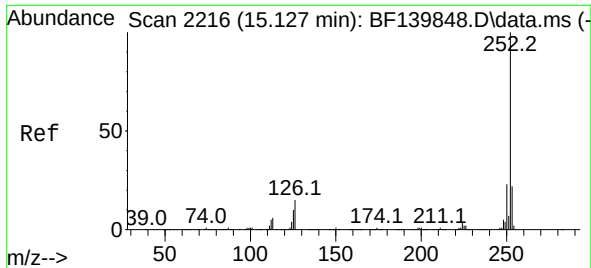
Ion Ratio Lower Upper

252 100

253 20.6 17.6 26.4

125 9.8 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 2.868 ng

RT: 15.121 min Scan# 2215

Delta R.T. -0.006 min

Lab File: BF139844.D

Acq: 18 Oct 2024 10:27

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

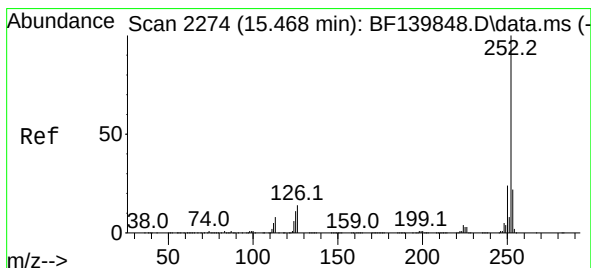
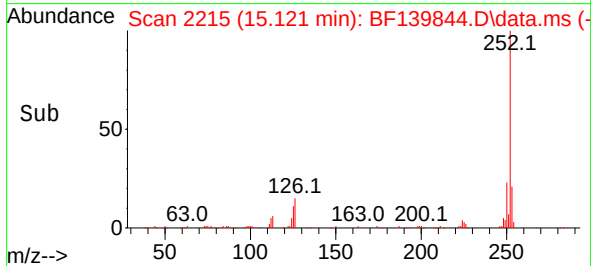
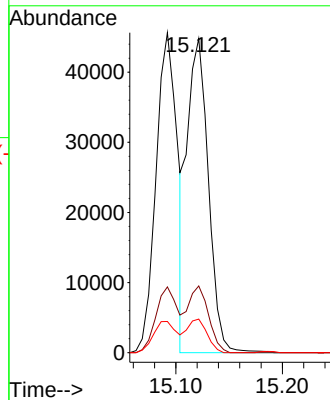
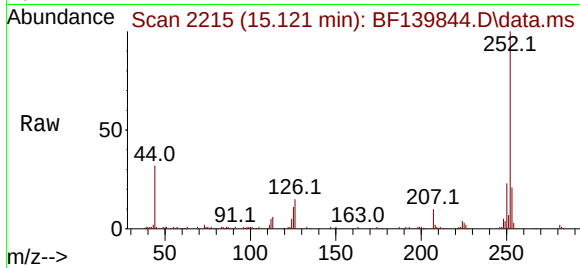
Tgt Ion:252 Resp: 61842

Ion Ratio Lower Upper

252 100

253 21.3 17.6 26.4

125 10.7 7.9 11.9



#90

Benzo(a)pyrene

Concen: 2.461 ng

RT: 15.463 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF139844.D

Acq: 18 Oct 2024 10:27

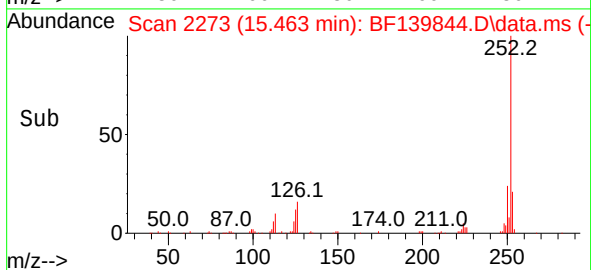
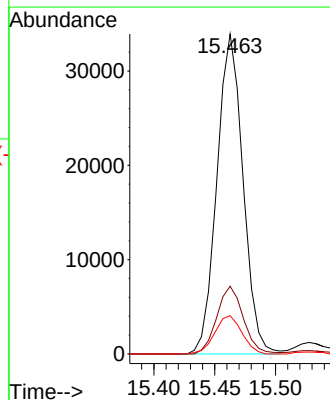
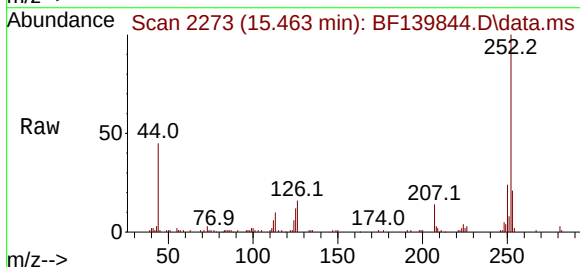
Tgt Ion:252 Resp: 50627

Ion Ratio Lower Upper

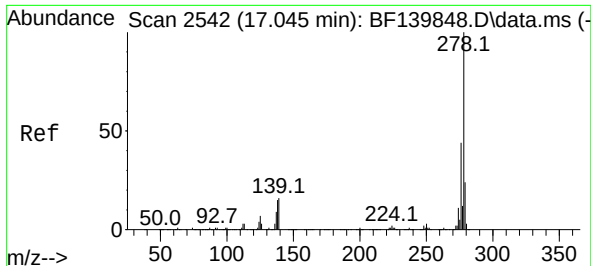
252 100

253 21.1 17.3 25.9

125 12.0 8.7 13.1



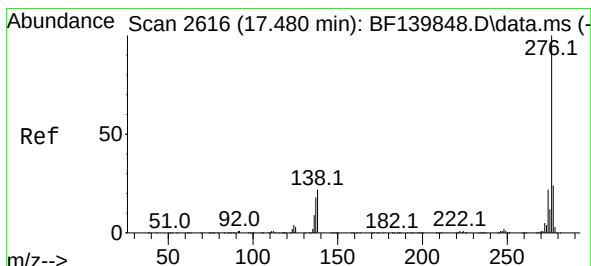
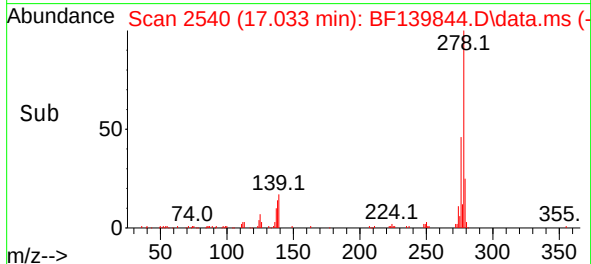
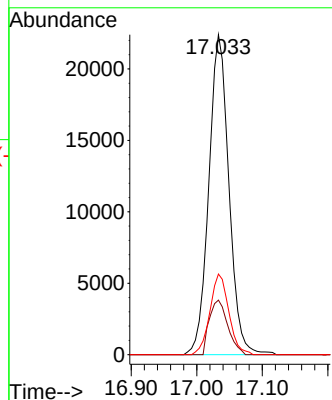
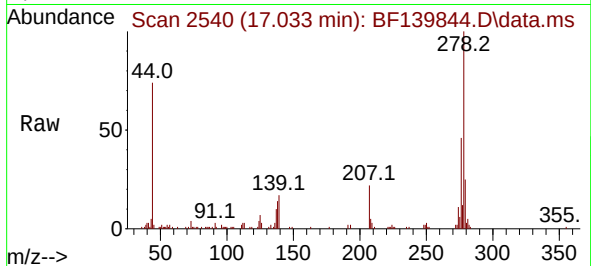




#91  
Dibenzo(a,h)anthracene  
Concen: 2.168 ng  
RT: 17.033 min Scan# 2540  
Delta R.T. -0.012 min  
Lab File: BF139844.D  
Acq: 18 Oct 2024 10:27

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

Tgt Ion:278 Resp: 47755  
Ion Ratio Lower Upper  
278 100  
139 17.1 13.1 19.7  
279 25.2 19.0 28.4



#92  
Benzo(g,h,i)perylene  
Concen: 2.132 ng  
RT: 17.457 min Scan# 2612  
Delta R.T. -0.023 min  
Lab File: BF139844.D  
Acq: 18 Oct 2024 10:27

Tgt Ion:276 Resp: 46898  
Ion Ratio Lower Upper  
276 100  
277 23.9 19.0 28.6  
138 23.1 17.4 26.0

