

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF071125\  
 Data File : BF143071.D  
 Acq On : 11 Jul 2025 12:17  
 Operator : RC/JU  
 Sample : SSTDICC2.5  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

Quant Time: Jul 11 17:36:56 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF071125.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 11 17:21:09 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.969  | 152  | 139929   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.245  | 136  | 558423   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 10.004 | 164  | 295627   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.486 | 188  | 467511   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.121 | 240  | 242982   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.627 | 264  | 214864   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.581  | 112  | 45707    | 5.189  | ng    | 0.00     |
| 7) Phenol-d6                  | 6.569  | 99   | 59393    | 5.329  | ng    | -0.02    |
| 23) Nitrobenzene-d5           | 7.516  | 82   | 21715    | 2.779  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.786 | 330  | 6233     | 2.849  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.316  | 172  | 111814   | 5.945  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.068 | 244  | 84012    | 5.973  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.804  | 88   | 10864    | 2.624  | ng    | # 94     |
| 3) Pyridine                   | 3.593  | 79   | 25468    | 2.508  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.504  | 42   | 14547    | 2.582  | ng    | # 87     |
| 6) Aniline                    | 6.622  | 93   | 29086    | 2.620  | ng    | 99       |
| 8) 2-Chlorophenol             | 6.745  | 128  | 22638    | 2.549  | ng    | 98       |
| 9) Benzaldehyde               | 6.510  | 77   | 20642    | 3.095  | ng    | 99       |
| 10) Phenol                    | 6.586  | 94   | 30715    | 2.657  | ng    | 94       |
| 11) bis(2-Chloroethyl)ether   | 6.686  | 93   | 26249    | 2.893  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.910  | 146  | 27362    | 2.733  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.986  | 146  | 28521    | 2.844  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.139  | 146  | 26329    | 2.821  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.092  | 79   | 20254    | 2.432  | ng    | 95       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.239  | 45   | 47858    | 2.895  | ng    | 99       |
| 17) 2-Methylphenol            | 7.198  | 107  | 18689    | 2.547  | ng    | 99       |
| 18) Hexachloroethane          | 7.486  | 117  | 7920     | 2.455  | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 7.363  | 70   | 18471    | 2.693  | ng    | 98       |
| 20) 3+4-Methylphenols         | 7.351  | 107  | 23994    | 2.647  | ng    | 94       |
| 22) Acetophenone              | 7.363  | 105  | 38852    | 2.978  | ng    | 96       |
| 24) Nitrobenzene              | 7.533  | 77   | 11483    | 1.410  | ng    | # 93     |
| 25) Isophorone                | 7.775  | 82   | 44673    | 2.633  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.857  | 139  | 2282     | 4.277  | ng    | 89       |
| 27) 2,4-Dimethylphenol        | 7.886  | 122  | 15958    | 2.595  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.986  | 93   | 31162    | 2.793  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 8.092  | 162  | 14615    | 2.021  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.186  | 180  | 22604    | 2.725  | ng    | 99       |
| 31) Naphthalene               | 8.269  | 128  | 78031    | 2.827  | ng    | 100      |
| 32) Benzoic acid              | 7.886  | 122  | 15958    | 10.911 | ng    | # 12     |
| 33) 4-Chloroaniline           | 8.304  | 127  | 25089    | 2.691  | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.392  | 225  | 12895    | 2.649  | ng    | 99       |
| 35) Caprolactam               | 8.622  | 113  | 3360     | 1.657  | ng    | 95       |
| 36) 4-Chloro-3-methylphenol   | 8.775  | 107  | 17370    | 2.234  | ng    | 96       |
| 37) 2-Methylnaphthalene       | 8.957  | 142  | 51820    | 2.873  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 9.057  | 142  | 50220    | 2.893  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.122  | 216  | 23234    | 2.683  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.116  | 237  | 2798     | 1.295  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.227  | 196  | 7801     | 1.612  | ng    | 96       |

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 Sample : SSTDICC2.5  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

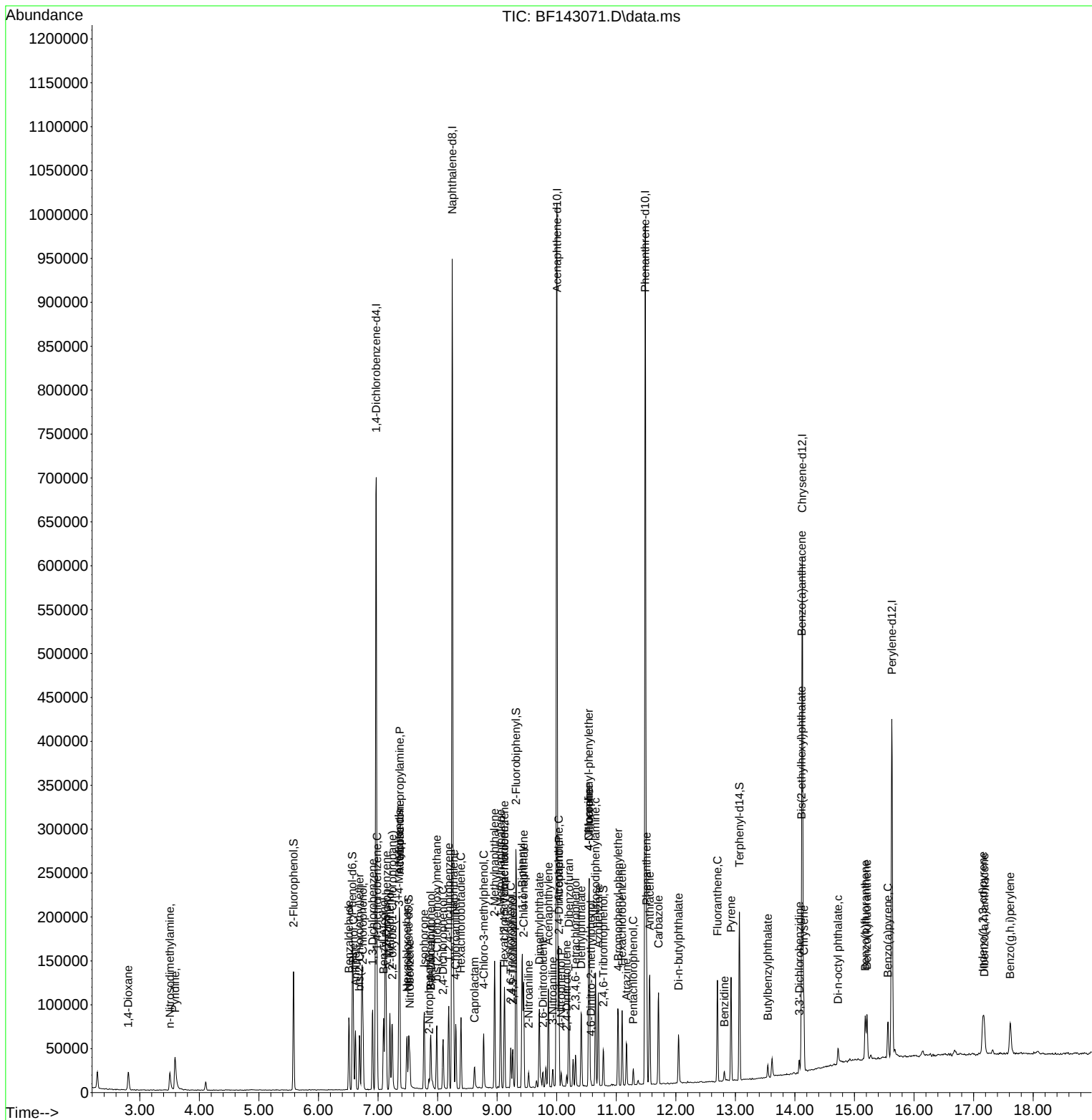
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

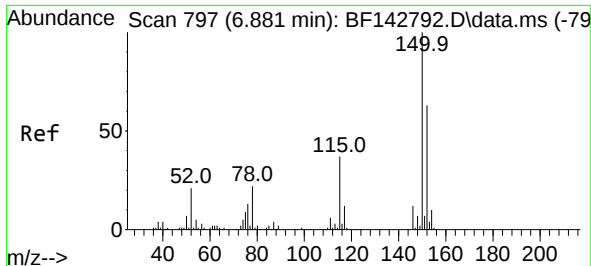
Quant Time: Jul 11 17:36:56 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF071125.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 11 17:21:09 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.263  | 196  | 8632     | 1.711 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 9.422  | 154  | 66746    | 2.875 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.445  | 162  | 45743    | 2.721 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.527  | 65   | 2828     | 5.342 | ng    | 94       |
| 49) Acenaphthylene            | 9.863  | 152  | 66211    | 2.683 | ng    | 98       |
| 50) Dimethylphthalate         | 9.710  | 163  | 48295    | 2.629 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.769  | 165  | 2038     | 4.685 | ng    | 93       |
| 52) Acenaphthene              | 10.033 | 154  | 46256    | 2.783 | ng    | 97       |
| 53) 3-Nitroaniline            | 9.933  | 138  | 2538     | 4.440 | ng #  | 78       |
| 54) 2,4-Dinitrophenol         | 10.039 | 184  | 578      | 5.351 | ng #  | 1        |
| 55) Dibenzofuran              | 10.204 | 168  | 67640    | 2.786 | ng    | 98       |
| 56) 4-Nitrophenol             | 10.074 | 139  | 1733     | 5.922 | ng #  | 73       |
| 57) 2,4-Dinitrotoluene        | 10.169 | 165  | 2242     | 5.240 | ng #  | 96       |
| 58) Fluorene                  | 10.545 | 166  | 51904    | 2.921 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.316 | 232  | 6253     | 1.538 | ng #  | 97       |
| 60) Diethylphthalate          | 10.410 | 149  | 41837    | 2.475 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.539 | 204  | 25417    | 2.877 | ng    | 100      |
| 62) 4-Nitroaniline            | 10.539 | 138  | 3239     | 4.248 | ng #  | 83       |
| 63) Azobenzene                | 10.698 | 77   | 51320    | 2.667 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.574 | 198  | 830      | 6.887 | ng    | 79       |
| 66) n-Nitrosodiphenylamine    | 10.651 | 169  | 40626    | 2.529 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 11.033 | 248  | 13876    | 2.554 | ng    | 95       |
| 68) Hexachlorobenzene         | 11.098 | 284  | 14481    | 2.648 | ng    | 96       |
| 69) Atrazine                  | 11.174 | 200  | 7899     | 2.309 | ng    | 93       |
| 70) Pentachlorophenol         | 11.286 | 266  | 2988     | 0.974 | ng    | 96       |
| 71) Phenanthrene              | 11.510 | 178  | 73109    | 2.854 | ng    | 98       |
| 72) Anthracene                | 11.563 | 178  | 67639    | 2.709 | ng    | 99       |
| 73) Carbazole                 | 11.710 | 167  | 55851    | 2.706 | ng    | 99       |
| 74) Di-n-butylphthalate       | 12.045 | 149  | 38493    | 1.880 | ng    | 98       |
| 75) Fluoranthene              | 12.698 | 202  | 62771    | 2.849 | ng    | 98       |
| 77) Benzidine                 | 12.815 | 184  | 8876     | 1.841 | ng    | 99       |
| 78) Pyrene                    | 12.927 | 202  | 64124    | 3.021 | ng    | 98       |
| 80) Butylbenzylphthalate      | 13.545 | 149  | 3684     | 4.554 | ng #  | 84       |
| 81) Benzo(a)anthracene        | 14.115 | 228  | 40213    | 2.587 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 14.074 | 252  | 5296     | 1.237 | ng    | 95       |
| 83) Chrysene                  | 14.151 | 228  | 36629    | 2.513 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.110 | 149  | 10445    | 1.699 | ng #  | 98       |
| 85) Di-n-octyl phthalate      | 14.721 | 149  | 9590     | 7.156 | ng #  | 64       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.156 | 276  | 33812    | 2.290 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.180 | 252  | 31576    | 2.498 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 15.209 | 252  | 26247    | 2.351 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.562 | 252  | 25058    | 2.320 | ng    | 97       |
| 91) Dibenzo(a,h)anthracene    | 17.180 | 278  | 27031    | 2.242 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.615 | 276  | 29104    | 2.295 | ng    | 97       |

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

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QLast Update : Fri Jul 11 17:21:09 2025  
Response via : Initial Calibration

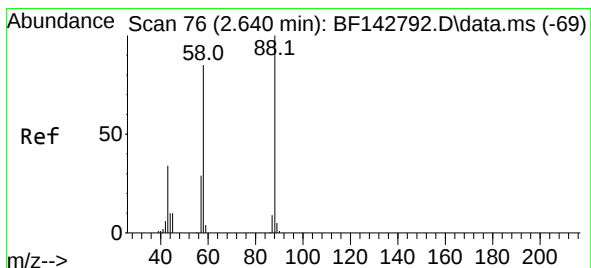
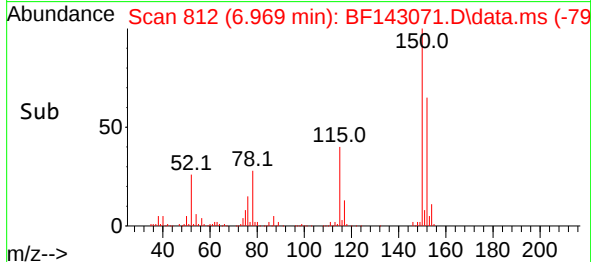
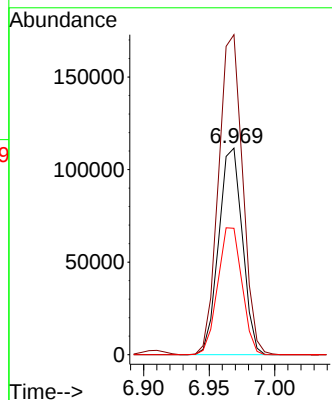
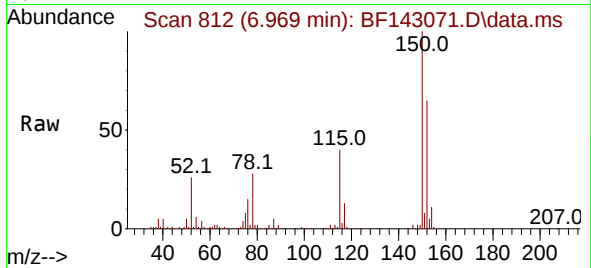




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.969 min Scan# 81  
 Delta R.T. -0.000 min  
 Lab File: BF143071.D  
 Acq: 11 Jul 2025 12:17

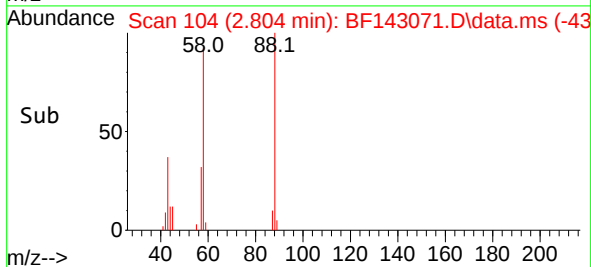
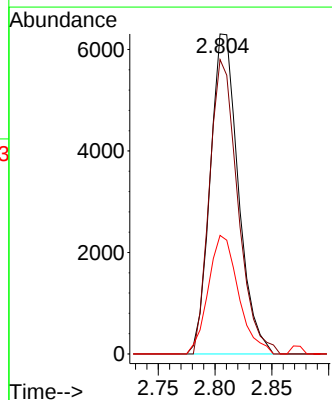
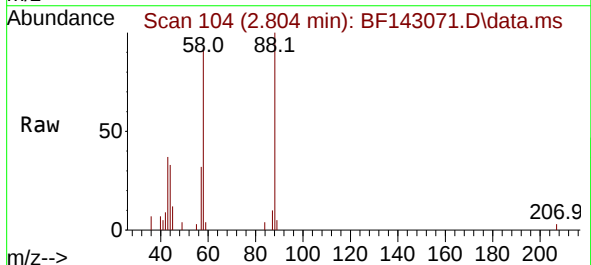
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

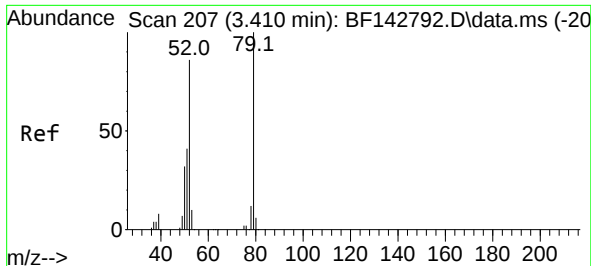
Tgt Ion:152 Resp: 139929  
 Ion Ratio Lower Upper  
 152 100  
 150 155.0 126.6 190.0  
 115 61.2 49.8 74.6



#2  
 1,4-Dioxane  
 Concen: 2.624 ng  
 RT: 2.804 min Scan# 104  
 Delta R.T. 0.006 min  
 Lab File: BF143071.D  
 Acq: 11 Jul 2025 12:17

Tgt Ion: 88 Resp: 10864  
 Ion Ratio Lower Upper  
 88 100  
 58 92.5 71.5 107.3  
 43 39.8 26.4 39.6#





#3

Pyridine

Concen: 2.508 ng

RT: 3.593 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF143071.D

Acq: 11 Jul 2025 12:17

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

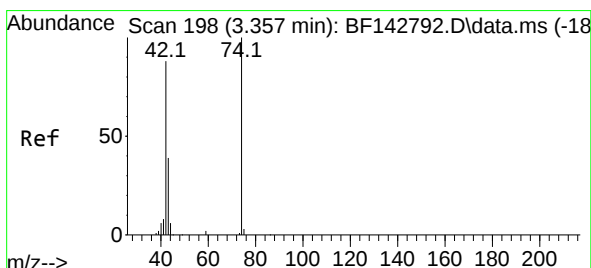
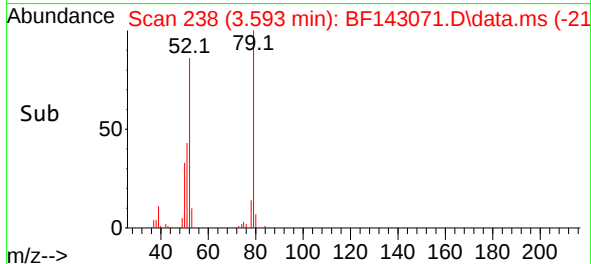
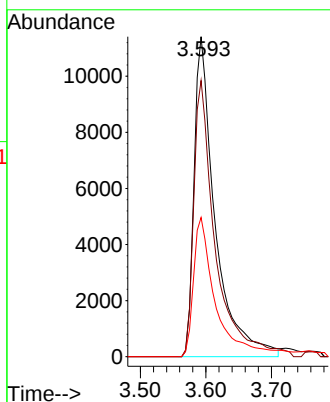
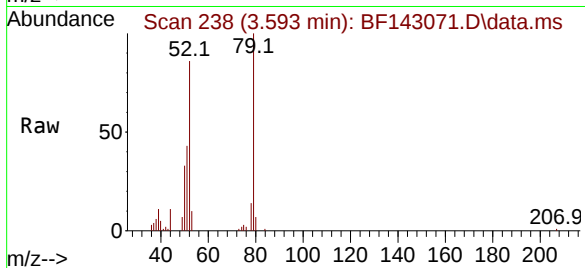
Tgt Ion: 79 Resp: 25468

Ion Ratio Lower Upper

79 100

52 86.3 69.3 103.9

51 43.5 33.4 50.0



#4

n-Nitrosodimethylamine

Concen: 2.582 ng

RT: 3.504 min Scan# 223

Delta R.T. -0.012 min

Lab File: BF143071.D

Acq: 11 Jul 2025 12:17

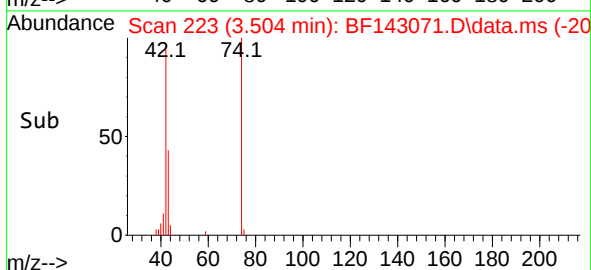
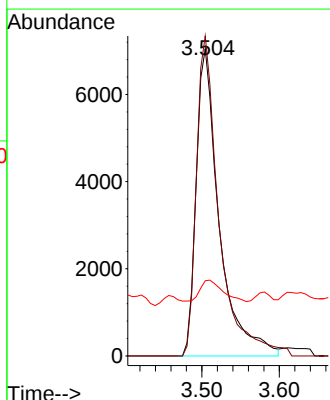
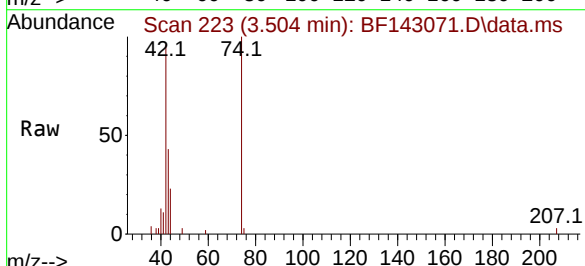
Tgt Ion: 42 Resp: 14547

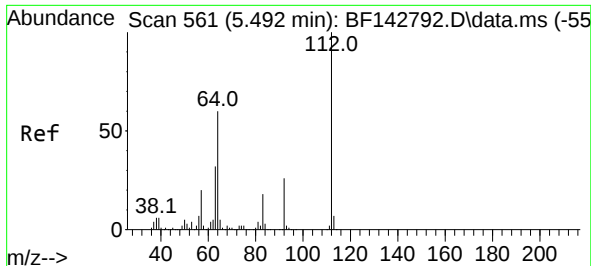
Ion Ratio Lower Upper

42 100

74 104.2 92.2 138.2

44 24.5 6.3 9.5#

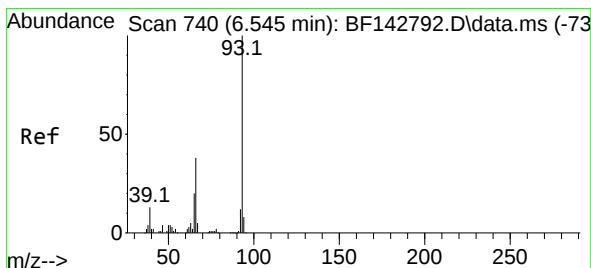
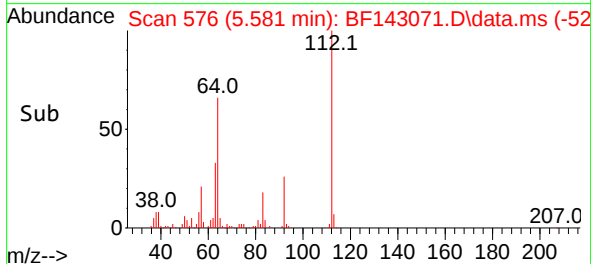
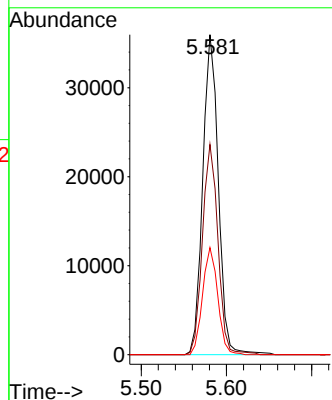
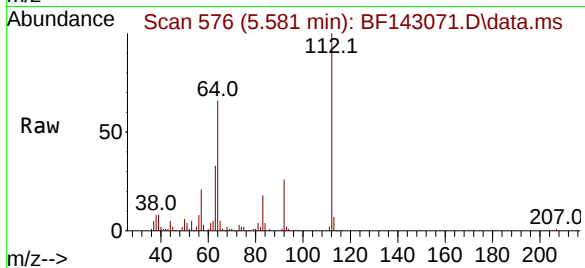




#5  
2-Fluorophenol  
Concen: 5.189 ng  
RT: 5.581 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: BF143071.D  
Acq: 11 Jul 2025 12:17

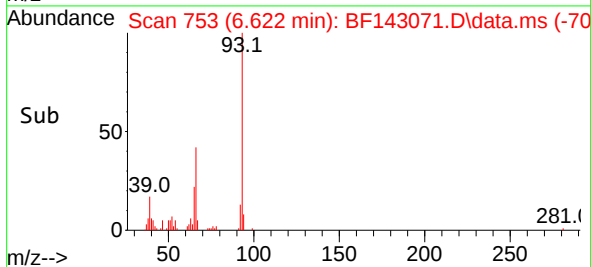
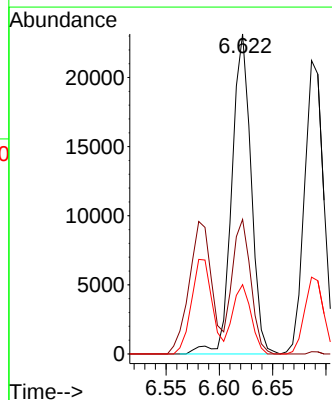
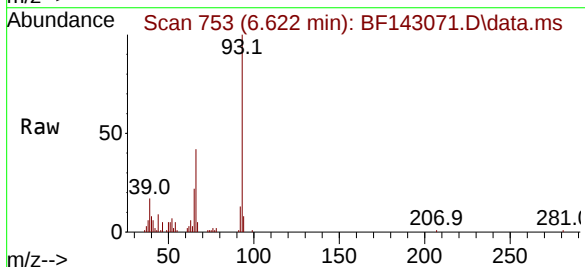
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

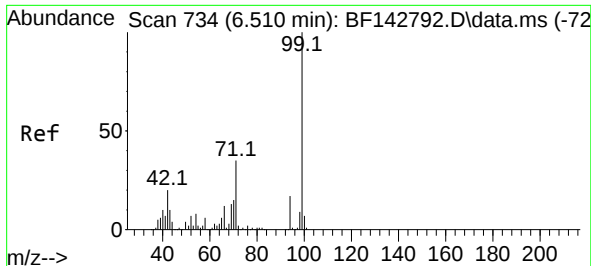
Tgt Ion: 112 Resp: 45707  
Ion Ratio Lower Upper  
112 100  
64 65.7 52.2 78.4  
63 33.5 26.8 40.2



#6  
Aniline  
Concen: 2.620 ng  
RT: 6.622 min Scan# 753  
Delta R.T. -0.006 min  
Lab File: BF143071.D  
Acq: 11 Jul 2025 12:17

Tgt Ion: 93 Resp: 29086  
Ion Ratio Lower Upper  
93 100  
66 42.1 33.0 49.6  
65 21.7 16.8 25.2

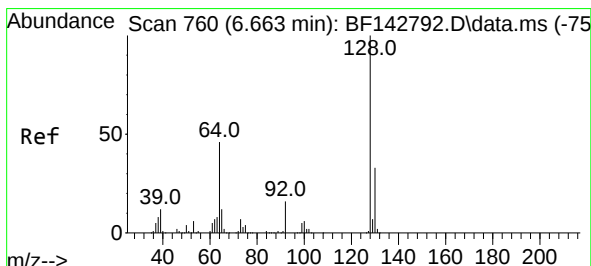
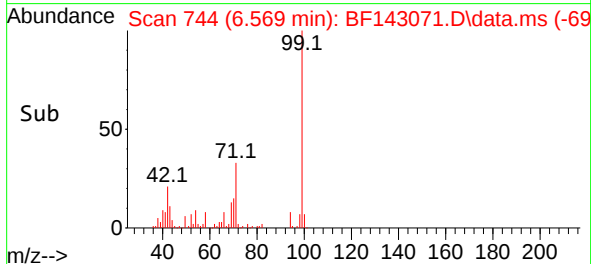
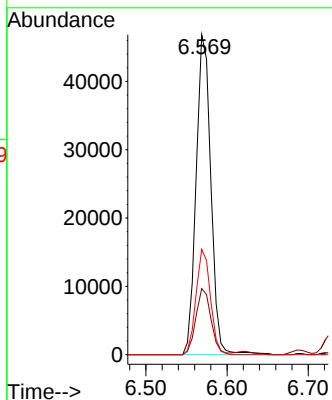
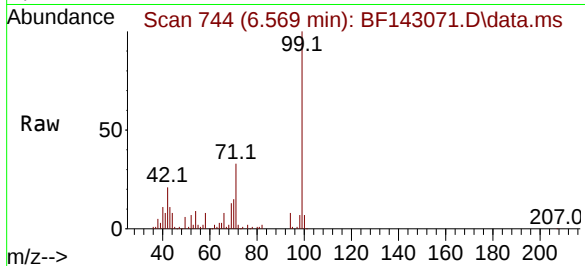




#7  
Phenol-d6  
Concen: 5.329 ng  
RT: 6.569 min Scan# 744  
Delta R.T. -0.018 min  
Lab File: BF143071.D  
Acq: 11 Jul 2025 12:17

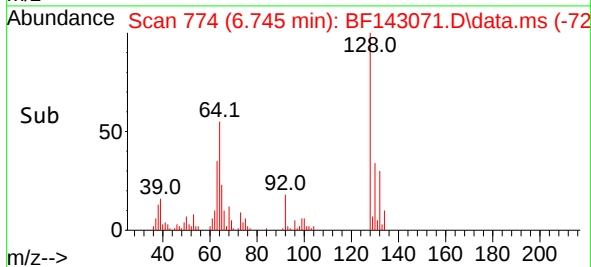
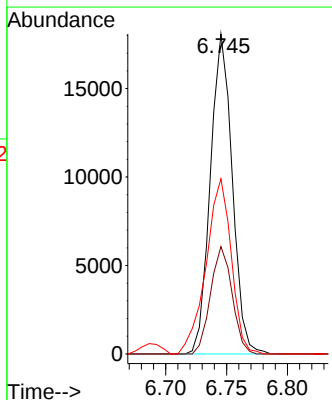
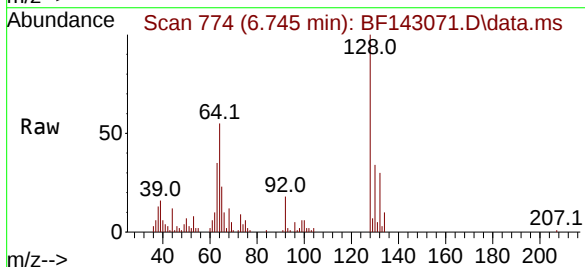
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

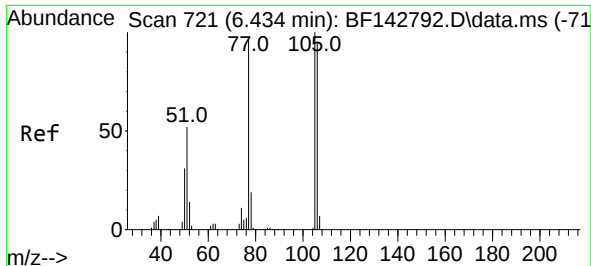
Tgt Ion: 99 Resp: 59393  
Ion Ratio Lower Upper  
99 100  
42 20.7 17.2 25.8  
71 32.9 27.7 41.5



#8  
2-Chlorophenol  
Concen: 2.549 ng  
RT: 6.745 min Scan# 774  
Delta R.T. -0.006 min  
Lab File: BF143071.D  
Acq: 11 Jul 2025 12:17

Tgt Ion: 128 Resp: 22638  
Ion Ratio Lower Upper  
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130 33.6 12.2 52.2  
64 54.8 36.5 76.5

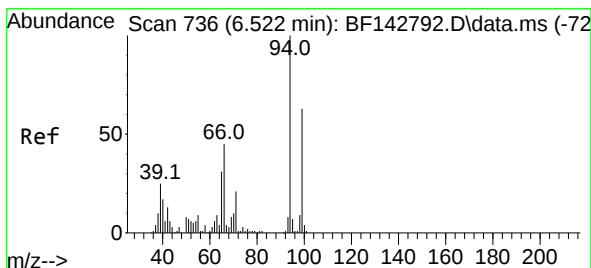
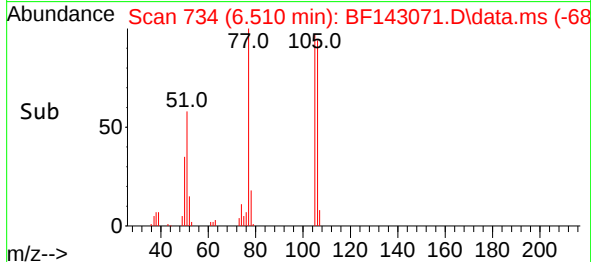
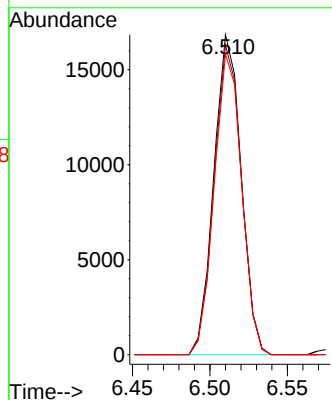
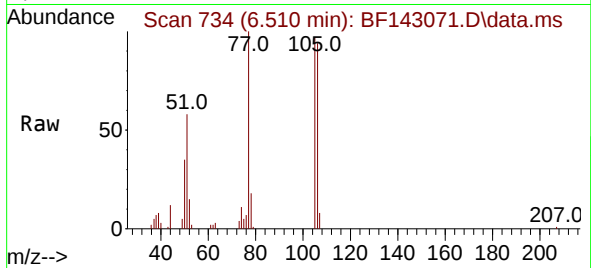




#9  
Benzaldehyde  
Concen: 3.095 ng  
RT: 6.510 min Scan# 710  
Delta R.T. -0.006 min  
Lab File: BF143071.D  
Acq: 11 Jul 2025 12:17

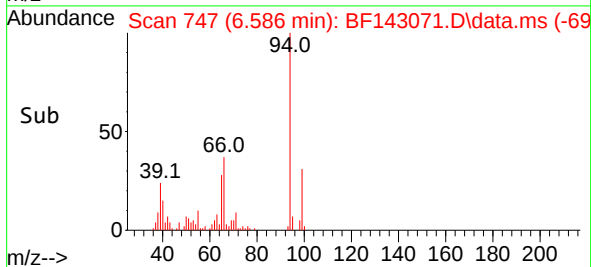
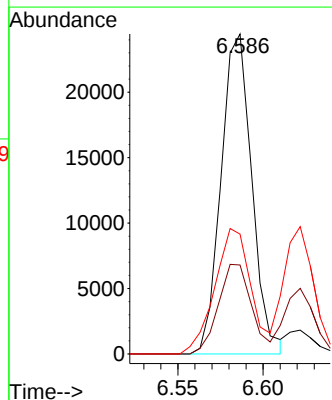
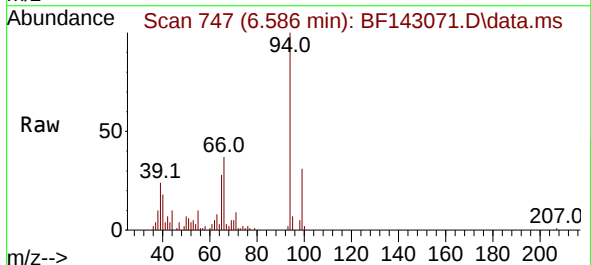
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

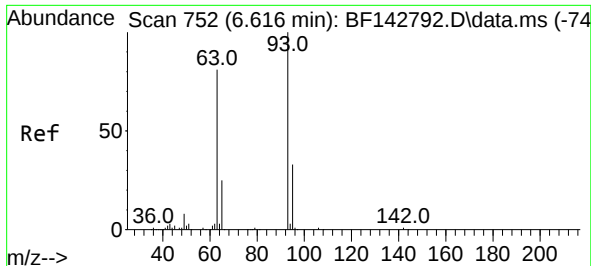
Tgt Ion: 77 Resp: 20642  
Ion Ratio Lower Upper  
77 100  
105 96.7 75.1 115.1  
106 93.9 73.0 113.0



#10  
Phenol  
Concen: 2.657 ng  
RT: 6.586 min Scan# 747  
Delta R.T. -0.012 min  
Lab File: BF143071.D  
Acq: 11 Jul 2025 12:17

Tgt Ion: 94 Resp: 30715  
Ion Ratio Lower Upper  
94 100  
65 27.8 10.6 50.6  
66 37.4 21.9 61.9





#11

bis(2-Chloroethyl)ether

Concen: 2.893 ng

RT: 6.686 min Scan# 7

Delta R.T. -0.012 min

Lab File: BF143071.D

Acq: 11 Jul 2025 12:17

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

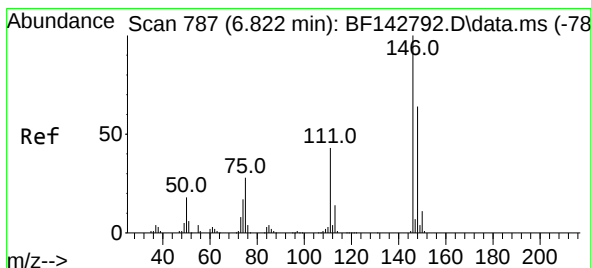
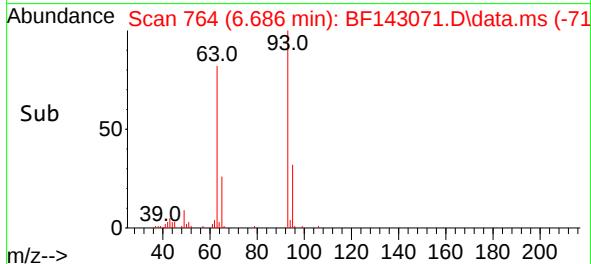
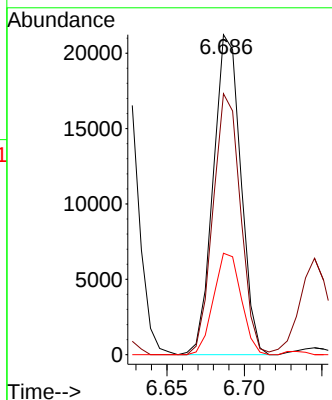
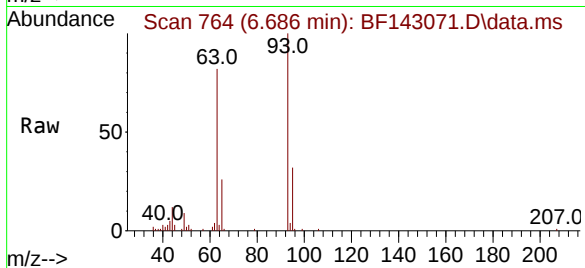
Tgt Ion: 93 Resp: 26249

Ion Ratio Lower Upper

93 100

63 81.6 63.3 103.3

95 31.7 12.5 52.5



#12

1,3-Dichlorobenzene

Concen: 2.733 ng

RT: 6.910 min Scan# 802

Delta R.T. 0.000 min

Lab File: BF143071.D

Acq: 11 Jul 2025 12:17

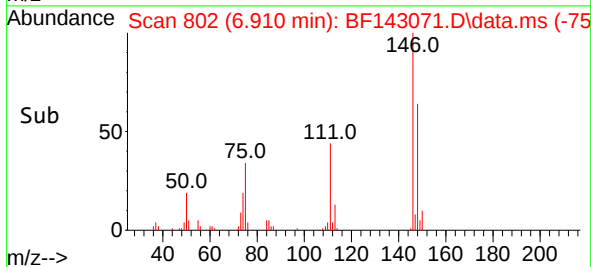
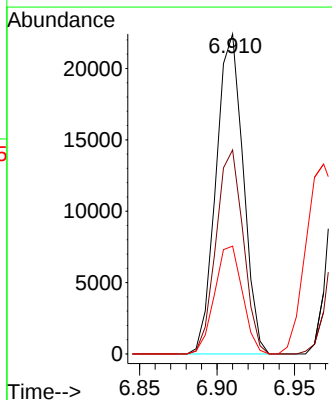
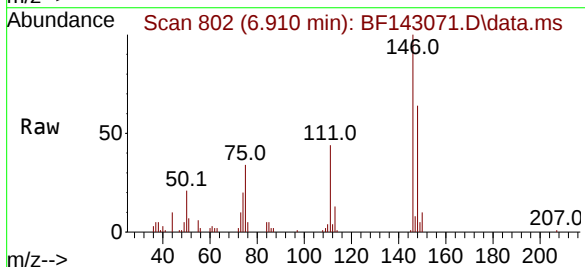
Tgt Ion: 146 Resp: 27362

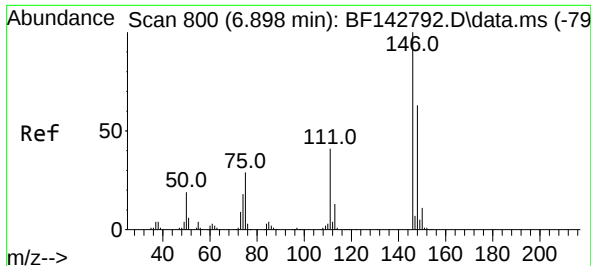
Ion Ratio Lower Upper

146 100

148 63.8 51.4 77.0

75 33.7 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 2.844 ng

RT: 6.986 min Scan# 815

Delta R.T. 0.000 min

Lab File: BF143071.D

Acq: 11 Jul 2025 12:17

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

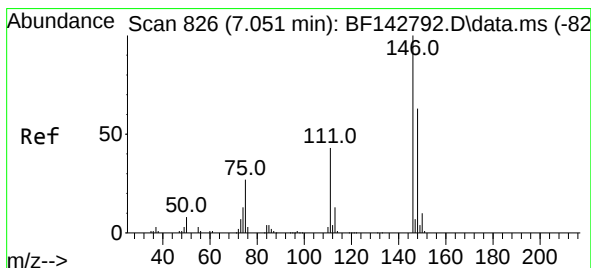
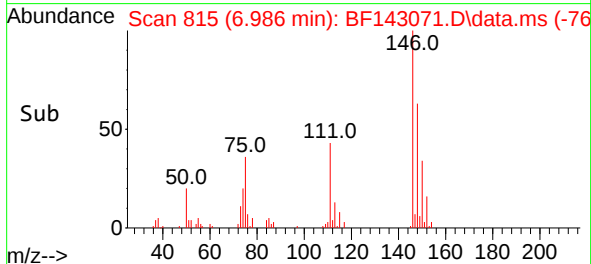
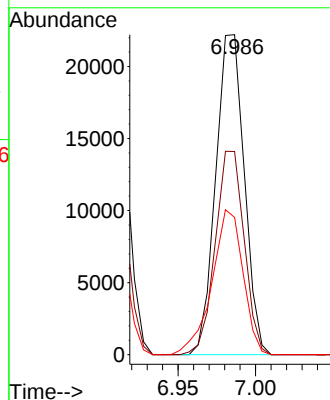
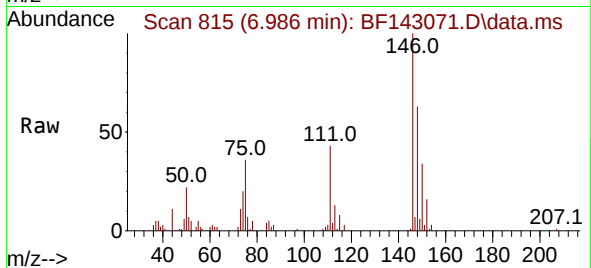
Tgt Ion:146 Resp: 28521

Ion Ratio Lower Upper

146 100

148 63.5 51.3 76.9

111 42.9 35.0 52.6



#14

1,2-Dichlorobenzene

Concen: 2.821 ng

RT: 7.139 min Scan# 841

Delta R.T. 0.000 min

Lab File: BF143071.D

Acq: 11 Jul 2025 12:17

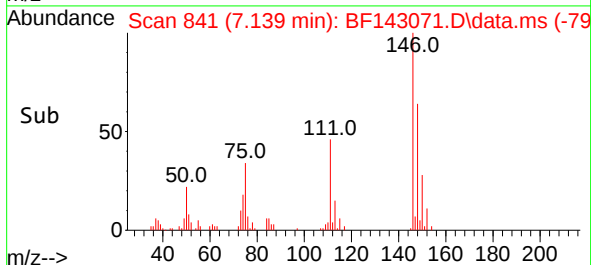
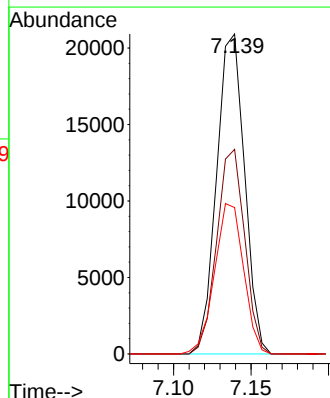
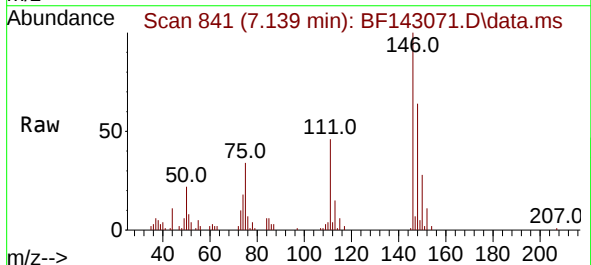
Tgt Ion:146 Resp: 26329

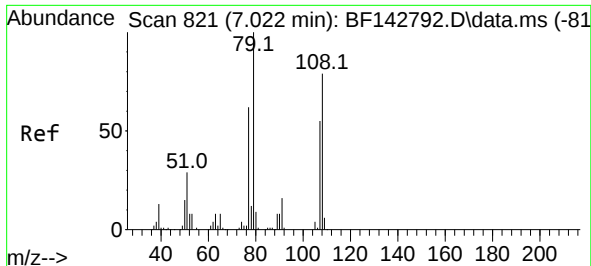
Ion Ratio Lower Upper

146 100

148 64.0 51.5 77.3

111 45.7 37.0 55.4

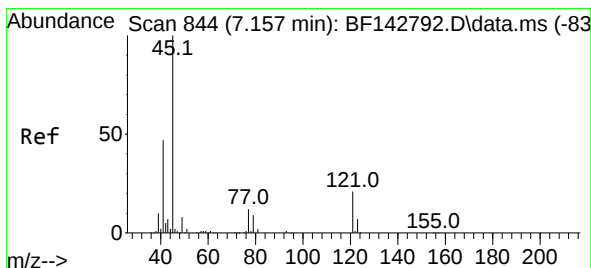
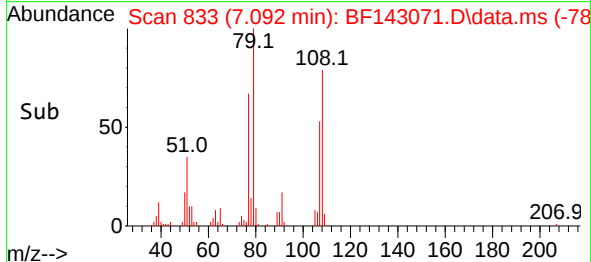
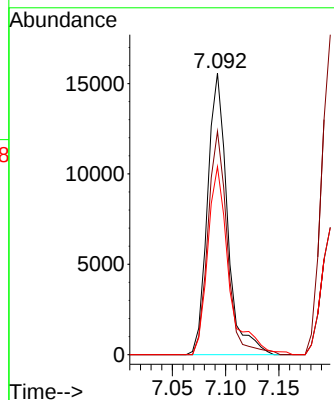
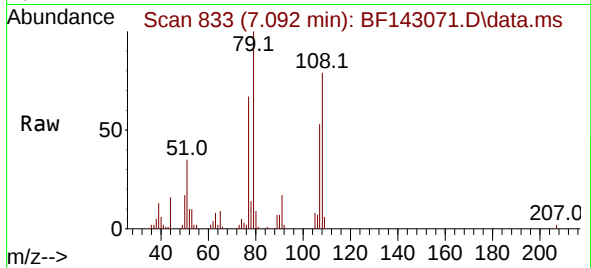




#15  
Benzyl Alcohol  
Concen: 2.432 ng  
RT: 7.092 min Scan# 811  
Delta R.T. -0.006 min  
Lab File: BF143071.D  
Acq: 11 Jul 2025 12:17

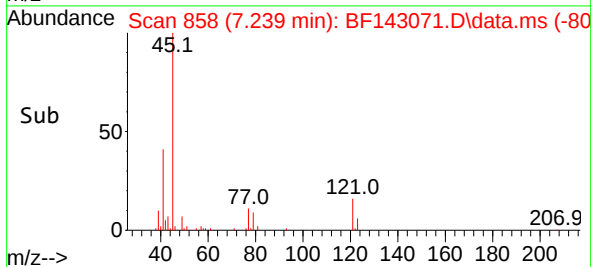
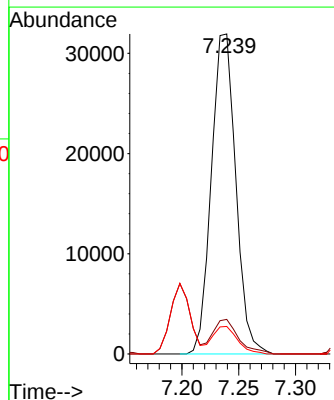
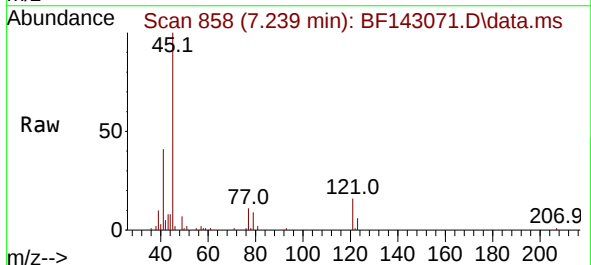
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

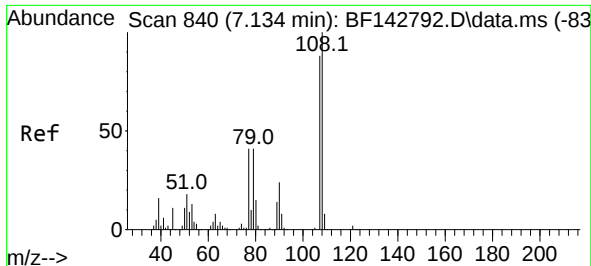
Tgt Ion: 79 Resp: 20254  
Ion Ratio Lower Upper  
79 100  
108 79.3 60.2 90.2  
77 66.7 49.7 74.5



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 2.895 ng  
RT: 7.239 min Scan# 858  
Delta R.T. 0.000 min  
Lab File: BF143071.D  
Acq: 11 Jul 2025 12:17

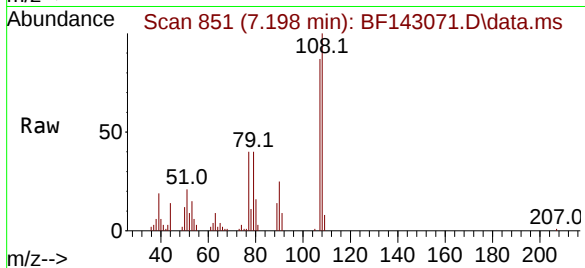
Tgt Ion: 45 Resp: 47858  
Ion Ratio Lower Upper  
45 100  
77 10.8 0.0 31.3  
79 8.6 0.0 28.3



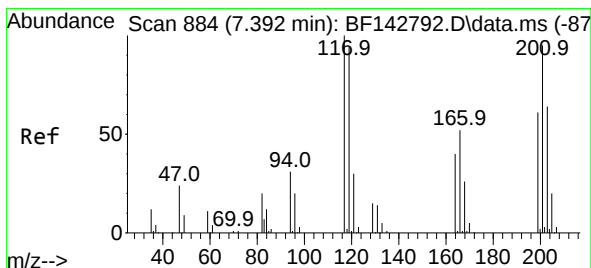
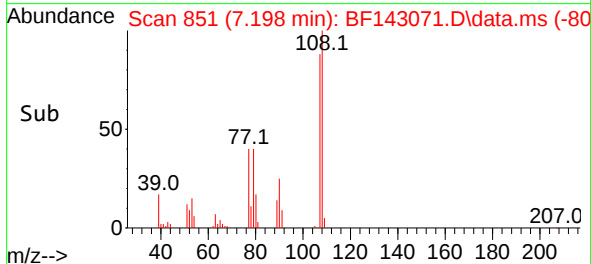
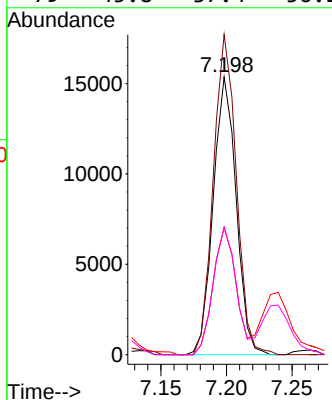


#17  
2-Methylphenol  
Concen: 2.547 ng  
RT: 7.198 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF143071.D  
Acq: 11 Jul 2025 12:17

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

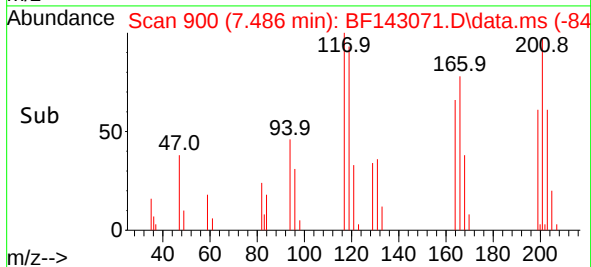
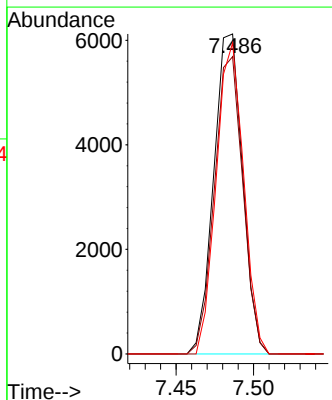
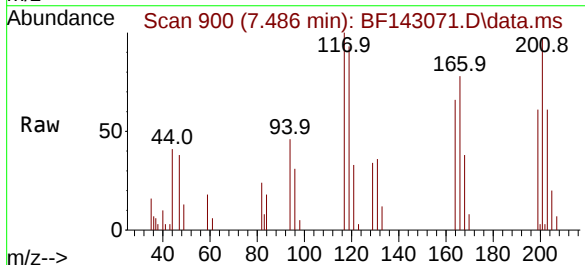


|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 18689 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 115.2 | 92.5  | 138.7 |
| 77       | 45.8  | 37.6  | 56.4  |
| 79       | 45.8  | 37.4  | 56.2  |



#18  
Hexachloroethane  
Concen: 2.455 ng  
RT: 7.486 min Scan# 900  
Delta R.T. 0.000 min  
Lab File: BF143071.D  
Acq: 11 Jul 2025 12:17

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 7920  |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 92.9  | 76.0  | 114.0 |
| 201      | 97.2  | 77.4  | 116.2 |



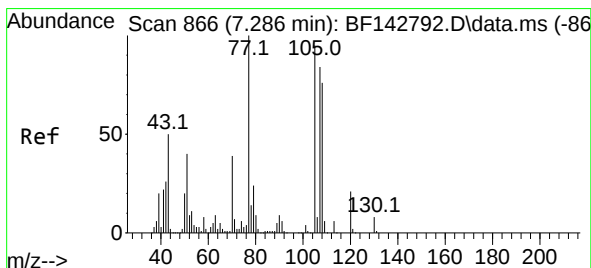
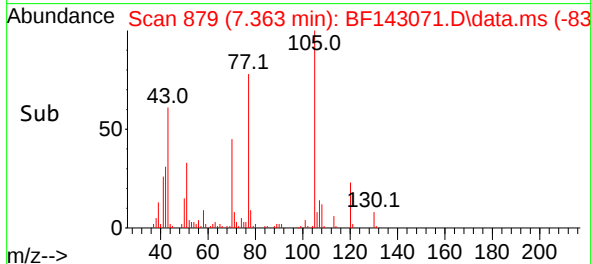
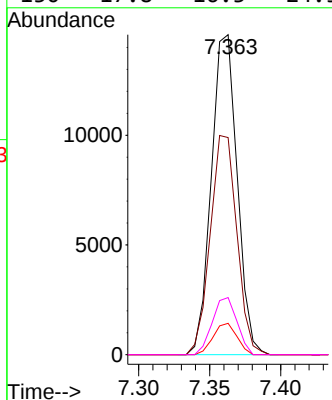
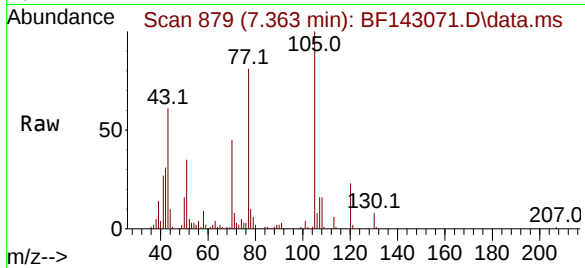


#19  
n-Nitroso-di-n-propylamine  
Concen: 2.693 ng  
RT: 7.363 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BF143071.D  
Acq: 11 Jul 2025 12:17

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

Tgt Ion: 70 Resp: 18471

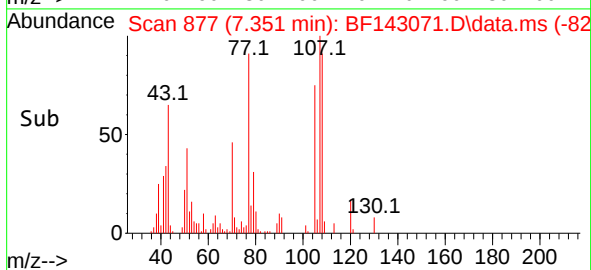
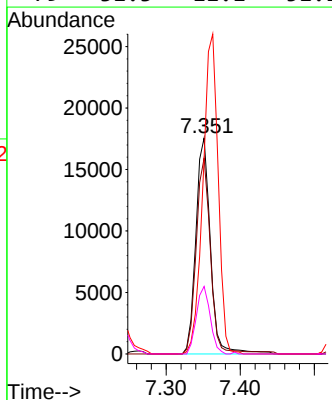
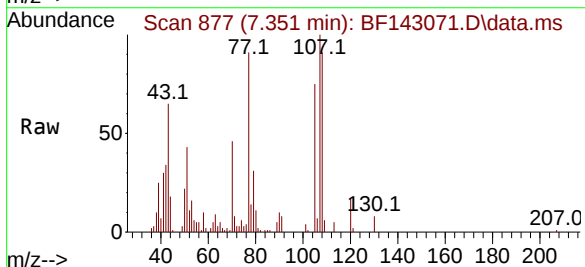
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 67.8  | 53.8  | 80.6  |
| 101 | 9.8   | 7.6   | 11.4  |
| 130 | 17.8  | 16.3  | 24.5  |

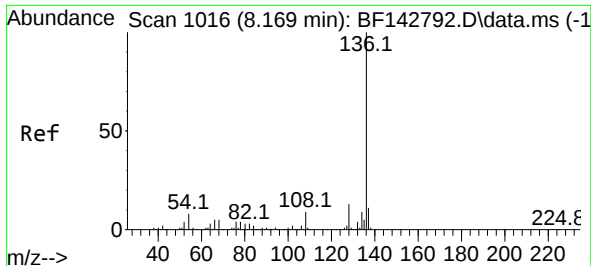


#20  
3+4-Methylphenols  
Concen: 2.647 ng  
RT: 7.351 min Scan# 877  
Delta R.T. -0.012 min  
Lab File: BF143071.D  
Acq: 11 Jul 2025 12:17

Tgt Ion: 107 Resp: 23994

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 90.7  | 71.9  | 111.9 |
| 77  | 90.7  | 82.6  | 122.6 |
| 79  | 31.3  | 11.1  | 51.1  |



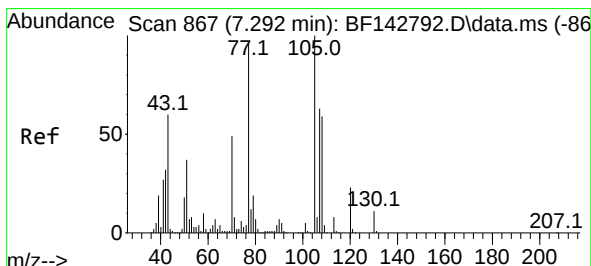
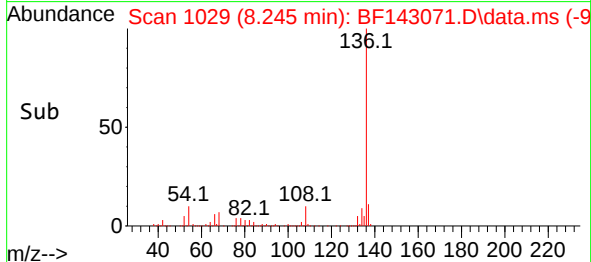
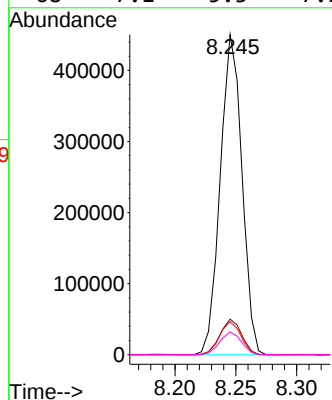
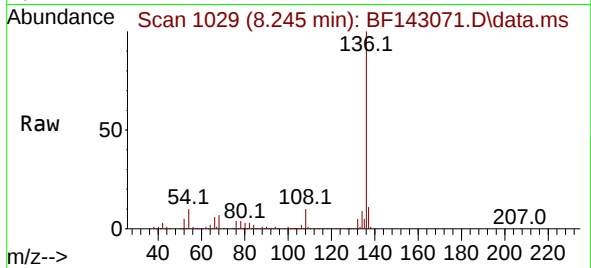


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.245 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF143071.D  
Acq: 11 Jul 2025 12:17

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

Tgt Ion:136 Resp: 558423

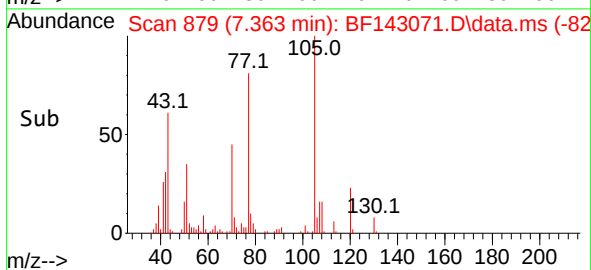
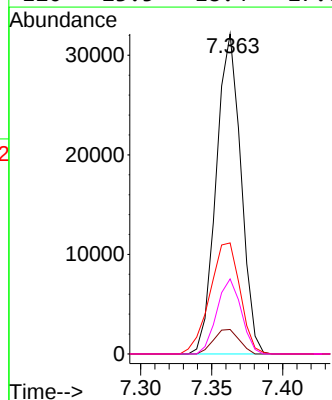
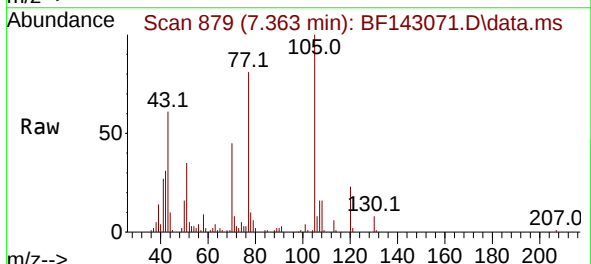
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.1  | 8.7   | 13.1  |
| 54  | 10.3  | 8.1   | 12.1  |
| 68  | 7.1   | 5.3   | 7.9   |

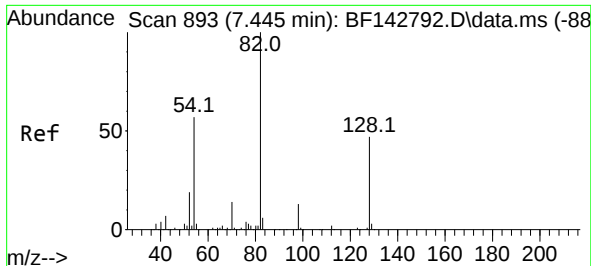


#22  
Acetophenone  
Concen: 2.978 ng  
RT: 7.363 min Scan# 879  
Delta R.T. -0.006 min  
Lab File: BF143071.D  
Acq: 11 Jul 2025 12:17

Tgt Ion:105 Resp: 38852

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 7.7   | 5.9   | 8.9   |
| 51  | 34.7  | 31.3  | 46.9  |
| 120 | 23.5  | 18.4  | 27.6  |





#23

Nitrobenzene-d5

Concen: 2.779 ng

RT: 7.516 min Scan# 905

Delta R.T. -0.012 min

Lab File: BF143071.D

Acq: 11 Jul 2025 12:17

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

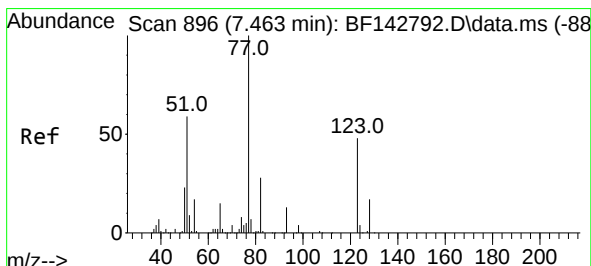
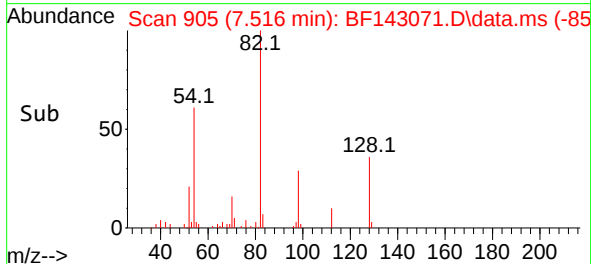
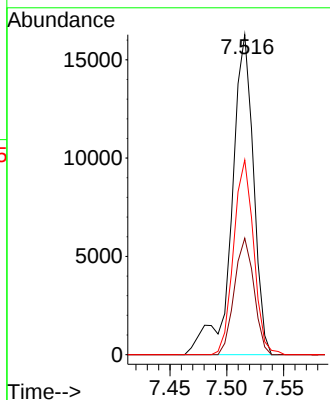
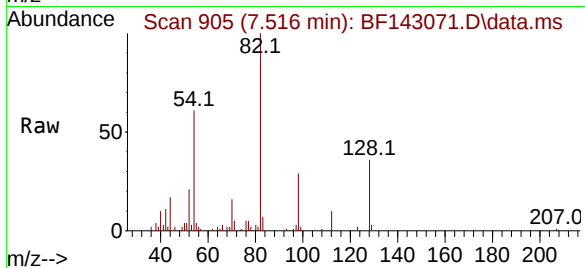
Tgt Ion: 82 Resp: 21715

Ion Ratio Lower Upper

82 100

128 36.4 33.3 49.9

54 60.8 47.0 70.4



#24

Nitrobenzene

Concen: 1.410 ng

RT: 7.533 min Scan# 908

Delta R.T. -0.012 min

Lab File: BF143071.D

Acq: 11 Jul 2025 12:17

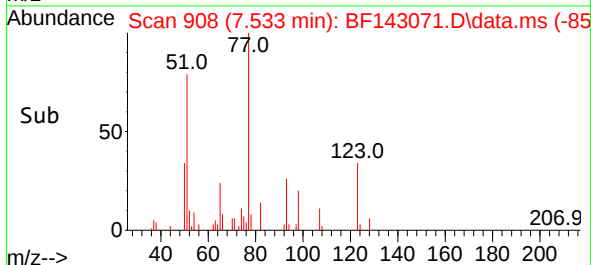
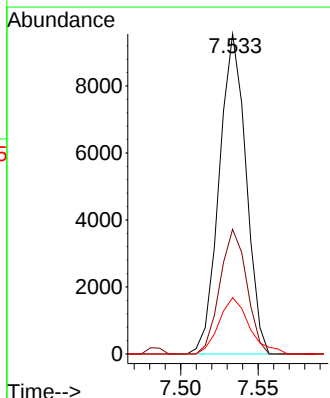
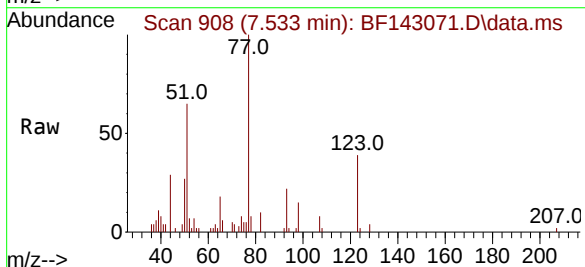
Tgt Ion: 77 Resp: 11483

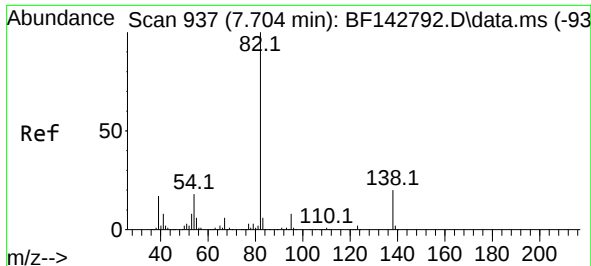
Ion Ratio Lower Upper

77 100

123 39.0 34.2 51.4

65 17.6 11.3 16.9#

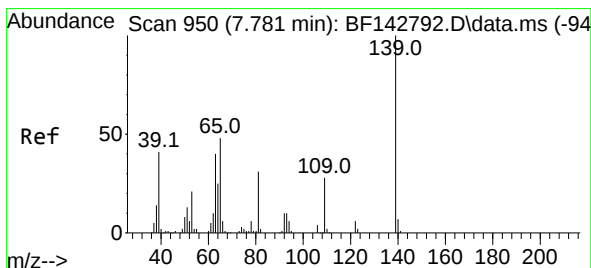
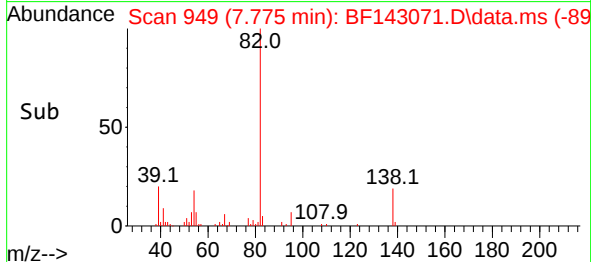
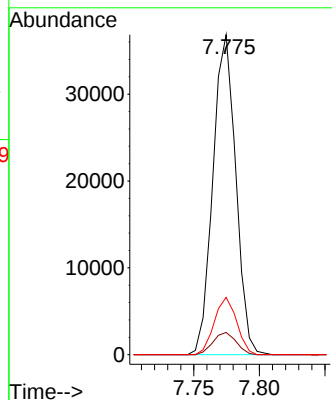
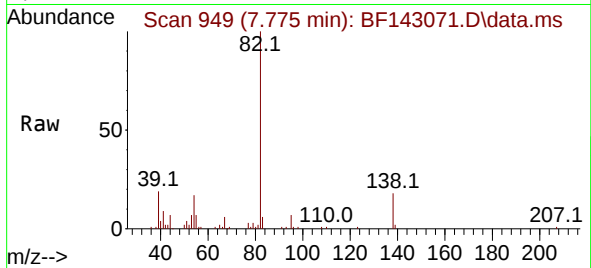




#25  
Isophorone  
Concen: 2.633 ng  
RT: 7.775 min Scan# 94  
Delta R.T. -0.006 min  
Lab File: BF143071.D  
Acq: 11 Jul 2025 12:17

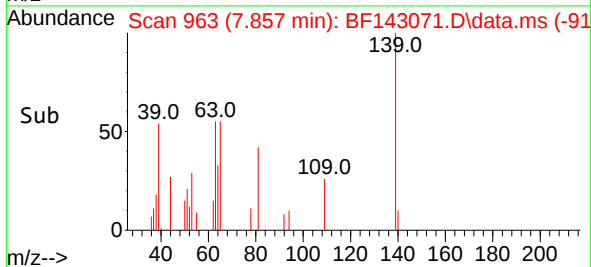
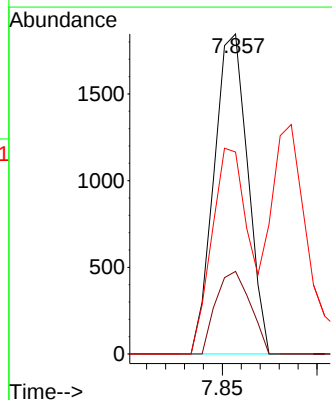
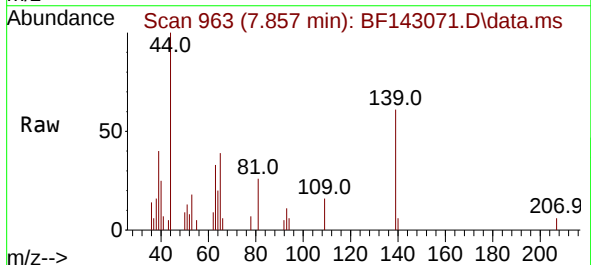
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

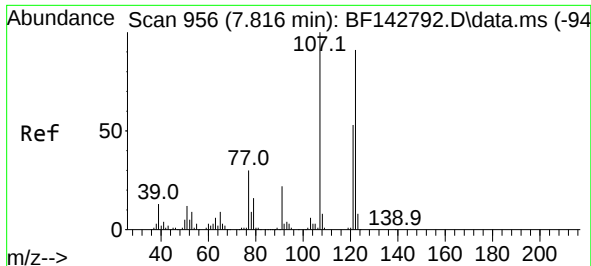
Tgt Ion: 82 Resp: 44673  
Ion Ratio Lower Upper  
82 100  
95 7.0 5.5 8.3  
138 17.9 13.8 20.8



#26  
2-Nitrophenol  
Concen: 4.277 ng  
RT: 7.857 min Scan# 963  
Delta R.T. -0.006 min  
Lab File: BF143071.D  
Acq: 11 Jul 2025 12:17

Tgt Ion: 139 Resp: 2282  
Ion Ratio Lower Upper  
139 100  
109 25.8 23.4 35.0  
65 63.1 43.1 64.7





#27

2,4-Dimethylphenol

Concen: 2.595 ng

RT: 7.886 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF143071.D

Acq: 11 Jul 2025 12:17

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

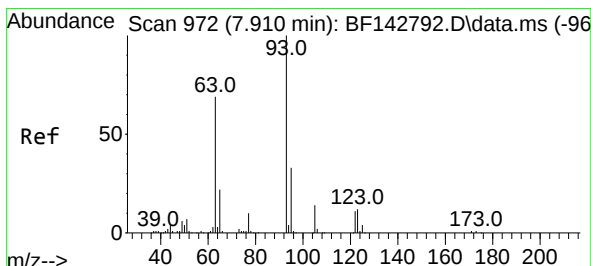
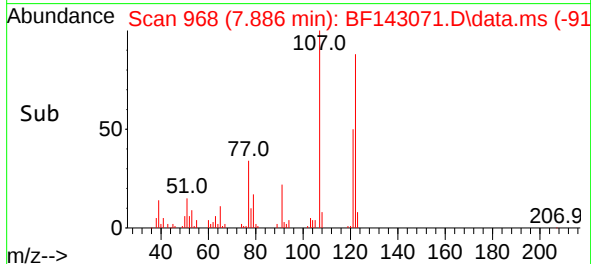
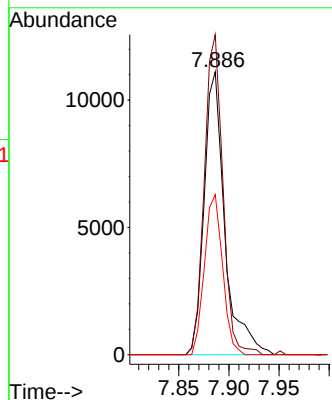
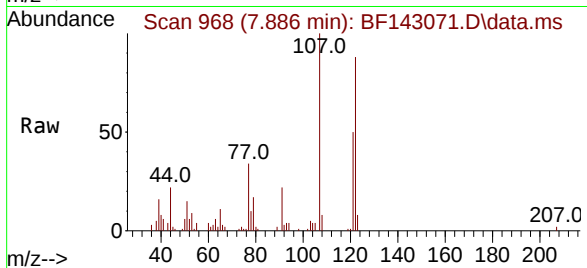
Tgt Ion:122 Resp: 15958

Ion Ratio Lower Upper

122 100

107 113.1 90.0 135.0

121 56.6 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 2.793 ng

RT: 7.986 min Scan# 985

Delta R.T. -0.006 min

Lab File: BF143071.D

Acq: 11 Jul 2025 12:17

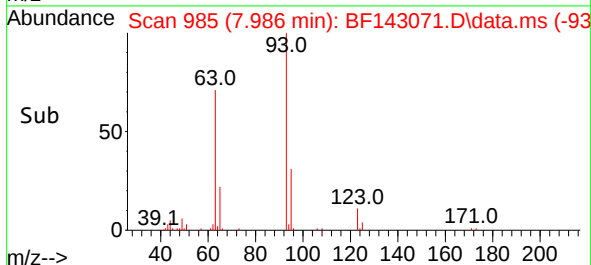
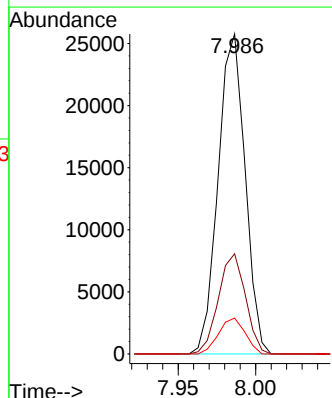
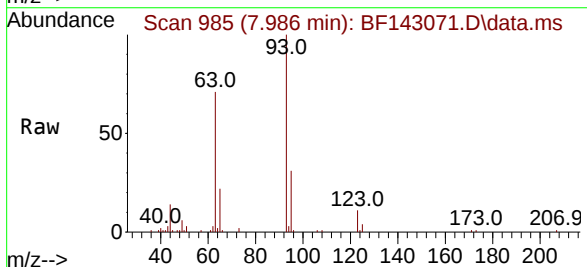
Tgt Ion: 93 Resp: 31162

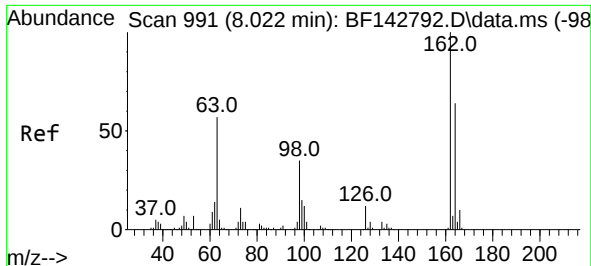
Ion Ratio Lower Upper

93 100

95 31.3 26.0 39.0

123 11.2 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 2.021 ng

RT: 8.092 min Scan# 1003

Delta R.T. -0.006 min

Lab File: BF143071.D

Acq: 11 Jul 2025 12:17

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

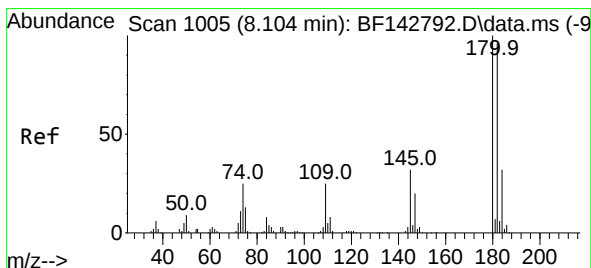
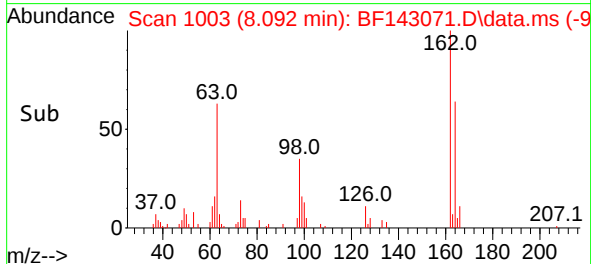
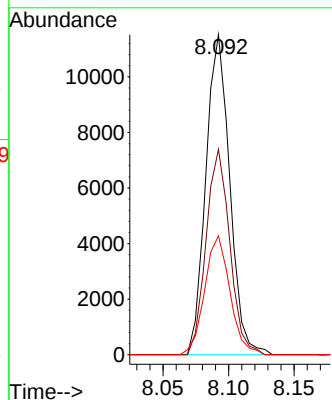
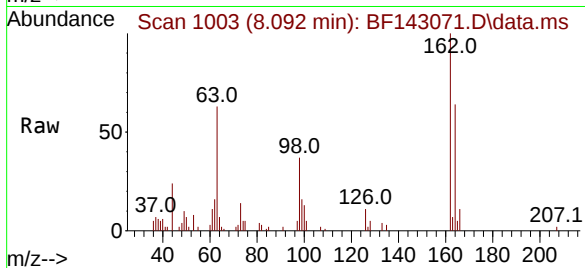
Tgt Ion:162 Resp: 14615

Ion Ratio Lower Upper

162 100

164 64.2 43.9 83.9

98 37.2 19.0 59.0



#30

1,2,4-Trichlorobenzene

Concen: 2.725 ng

RT: 8.186 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF143071.D

Acq: 11 Jul 2025 12:17

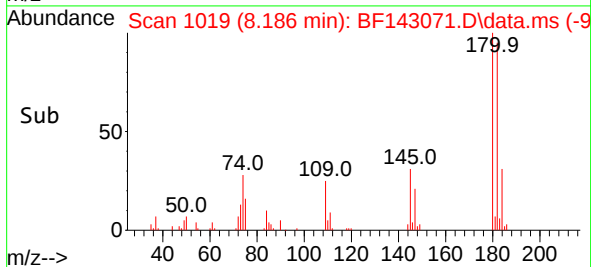
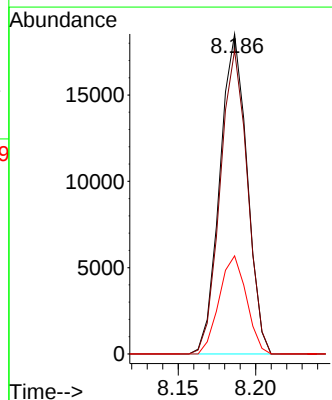
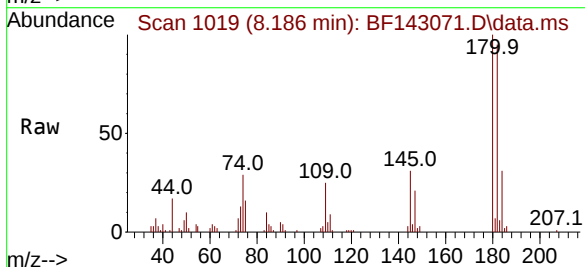
Tgt Ion:180 Resp: 22604

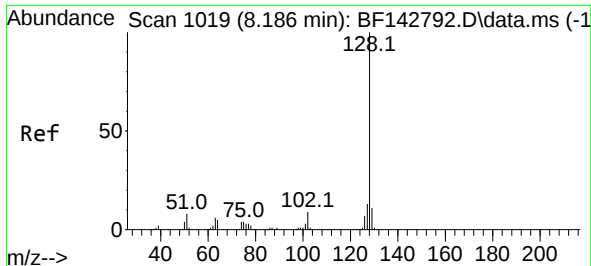
Ion Ratio Lower Upper

180 100

182 94.9 76.2 114.2

145 30.6 25.0 37.6

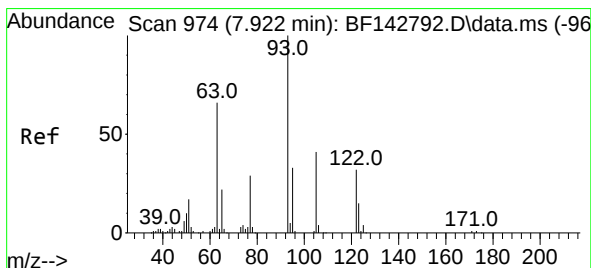
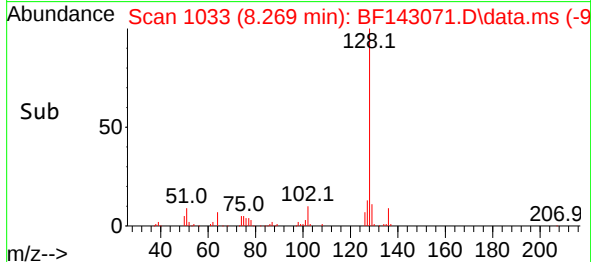
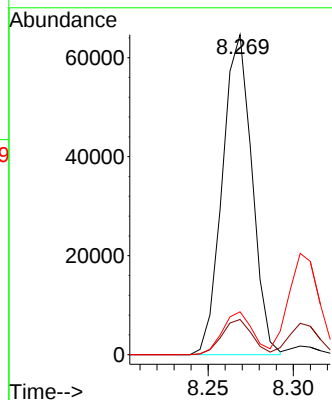
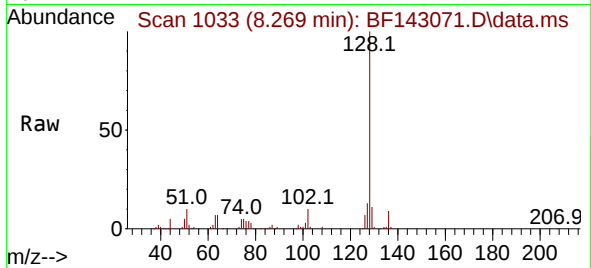




#31  
Naphthalene  
Concen: 2.827 ng  
RT: 8.269 min Scan# 1019  
Delta R.T. -0.006 min  
Lab File: BF143071.D  
Acq: 11 Jul 2025 12:17

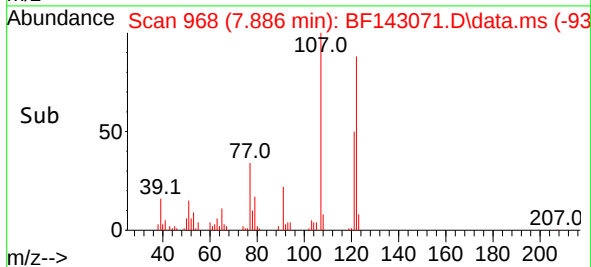
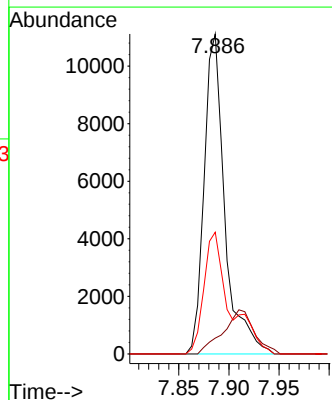
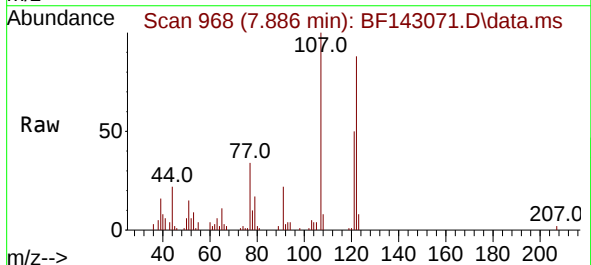
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

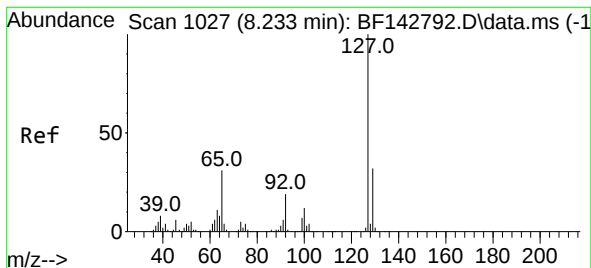
Tgt Ion:128 Resp: 78031  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.8 13.2  
127 13.4 10.6 15.8



#32  
Benzoic acid  
Concen: 10.911 ng  
RT: 7.886 min Scan# 968  
Delta R.T. -0.100 min  
Lab File: BF143071.D  
Acq: 11 Jul 2025 12:17

Tgt Ion:122 Resp: 15958  
Ion Ratio Lower Upper  
122 100  
105 5.0 109.7 149.7#  
77 38.0 81.6 121.6#





#33

4-Chloroaniline

Concen: 2.691 ng

RT: 8.304 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143071.D

Acq: 11 Jul 2025 12:17

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

Tgt Ion:127 Resp: 25089

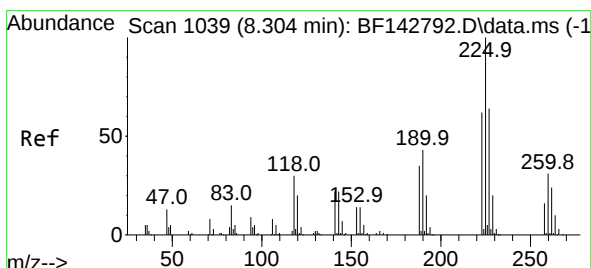
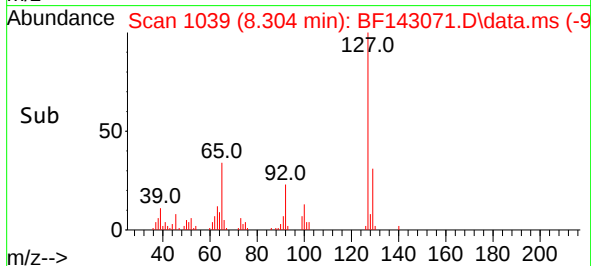
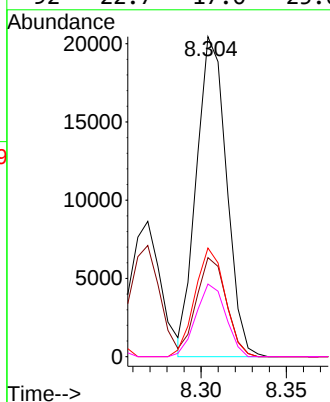
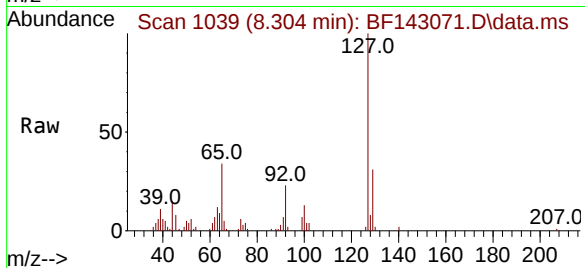
Ion Ratio Lower Upper

127 100

129 31.0 25.8 38.8

65 34.0 27.8 41.8

92 22.7 17.0 25.6



#34

Hexachlorobutadiene

Concen: 2.649 ng

RT: 8.392 min Scan# 1054

Delta R.T. 0.000 min

Lab File: BF143071.D

Acq: 11 Jul 2025 12:17

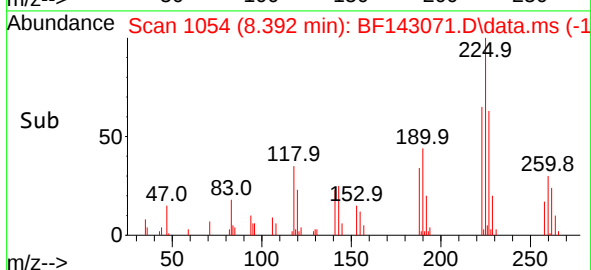
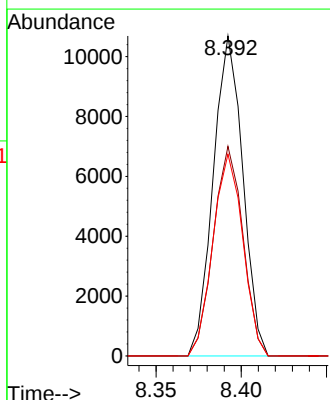
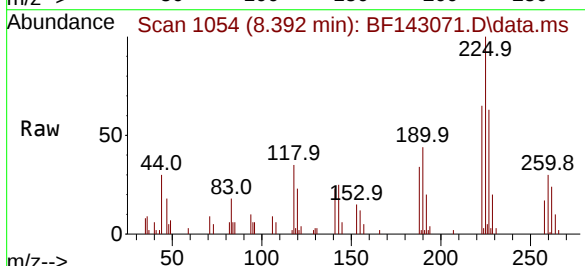
Tgt Ion:225 Resp: 12895

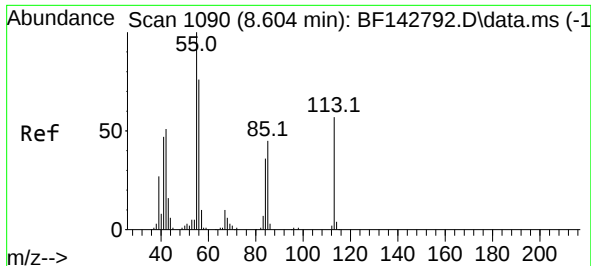
Ion Ratio Lower Upper

225 100

223 65.5 50.8 76.2

227 63.1 50.6 75.8

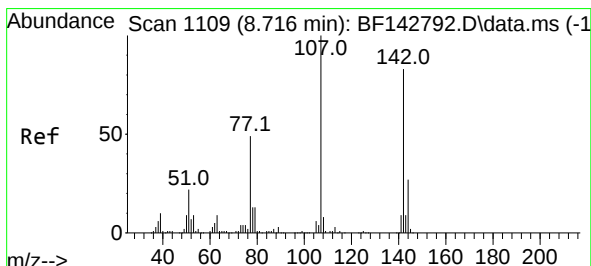
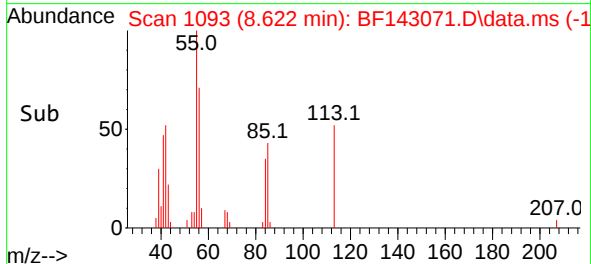
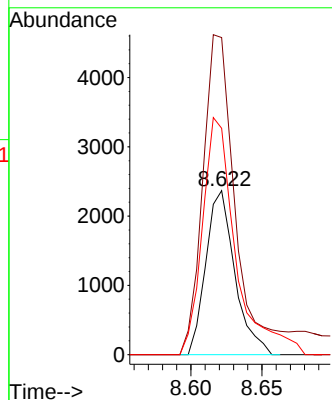
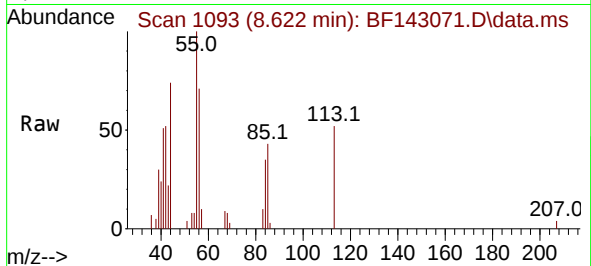




#35  
 Caprolactam  
 Concen: 1.657 ng  
 RT: 8.622 min Scan# 1109  
 Delta R.T. -0.053 min  
 Lab File: BF143071.D  
 Acq: 11 Jul 2025 12:17

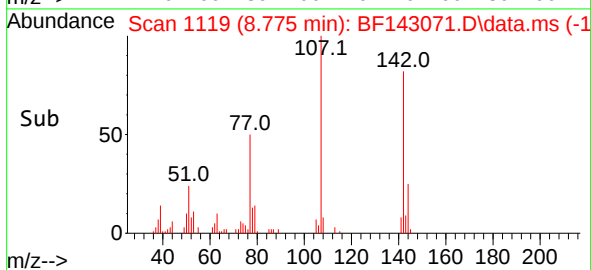
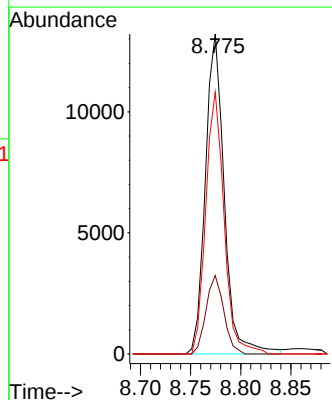
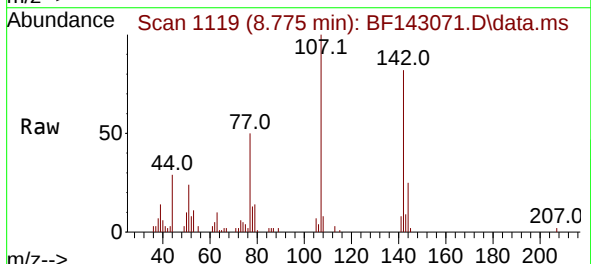
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

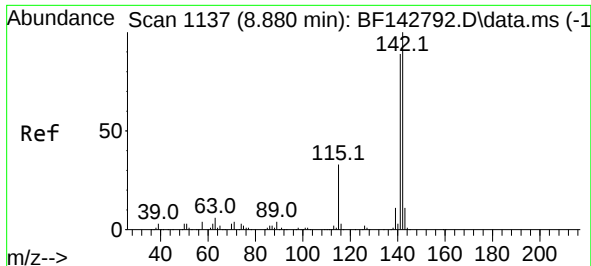
Tgt Ion:113 Resp: 3360  
 Ion Ratio Lower Upper  
 113 100  
 55 193.3 175.4 215.4  
 56 138.0 129.7 169.7



#36  
 4-Chloro-3-methylphenol  
 Concen: 2.234 ng  
 RT: 8.775 min Scan# 1119  
 Delta R.T. -0.012 min  
 Lab File: BF143071.D  
 Acq: 11 Jul 2025 12:17

Tgt Ion:107 Resp: 17370  
 Ion Ratio Lower Upper  
 107 100  
 144 24.5 19.8 29.6  
 142 81.8 61.9 92.9

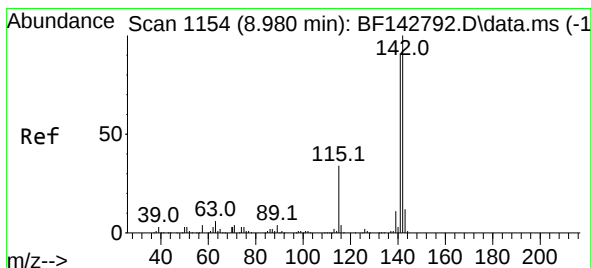
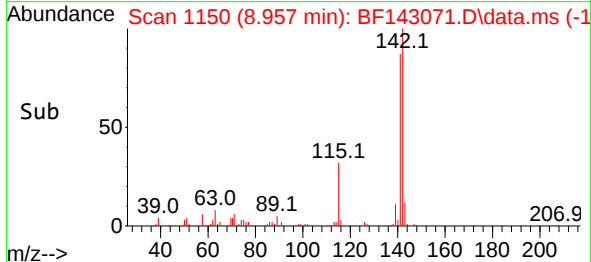
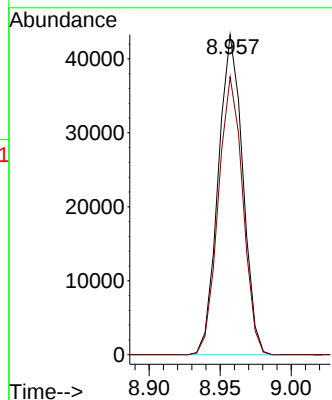
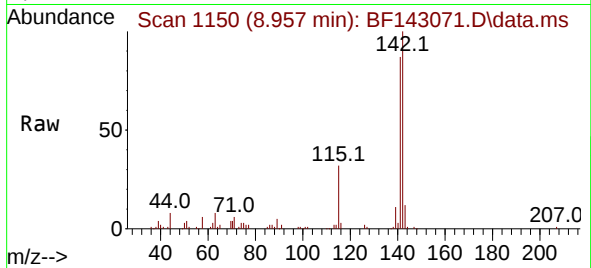




#37  
2-Methylnaphthalene  
Concen: 2.873 ng  
RT: 8.957 min Scan# 1115  
Delta R.T. -0.006 min  
Lab File: BF143071.D  
Acq: 11 Jul 2025 12:17

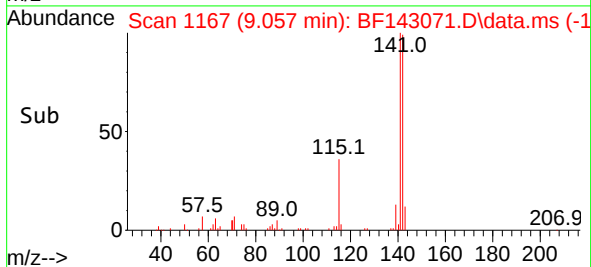
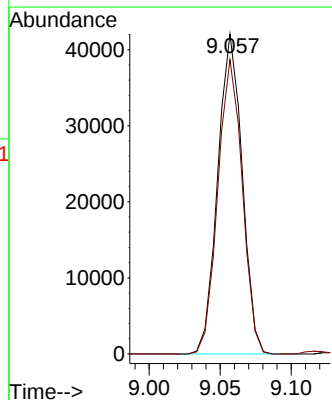
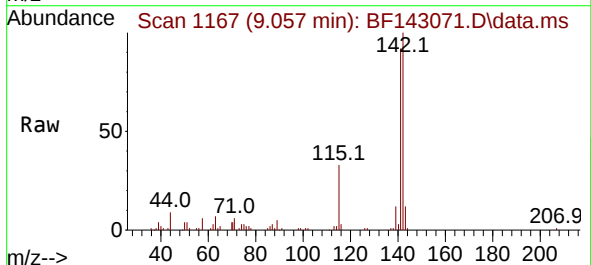
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

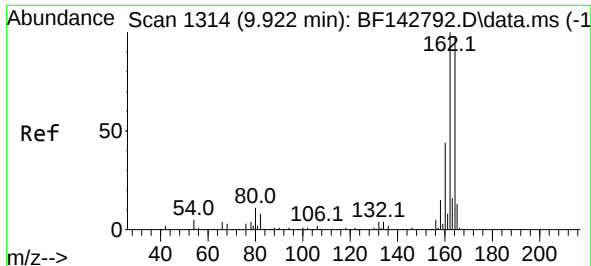
Tgt Ion:142 Resp: 51820  
Ion Ratio Lower Upper  
142 100  
141 86.9 69.8 104.8



#38  
1-Methylnaphthalene  
Concen: 2.893 ng  
RT: 9.057 min Scan# 1167  
Delta R.T. -0.006 min  
Lab File: BF143071.D  
Acq: 11 Jul 2025 12:17

Tgt Ion:142 Resp: 50220  
Ion Ratio Lower Upper  
142 100  
141 92.0 72.8 109.2

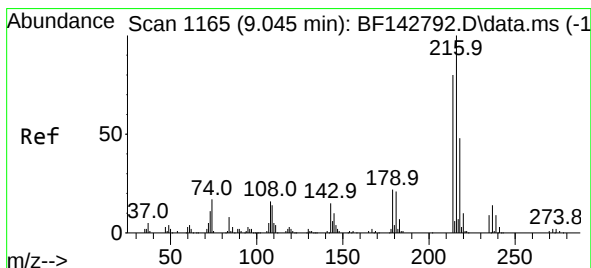
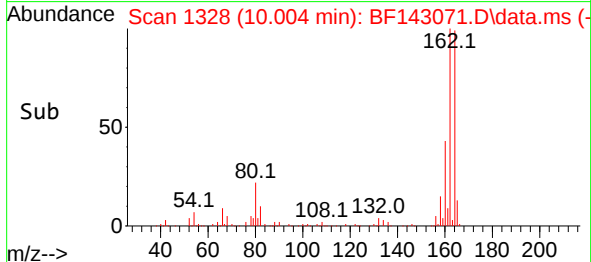
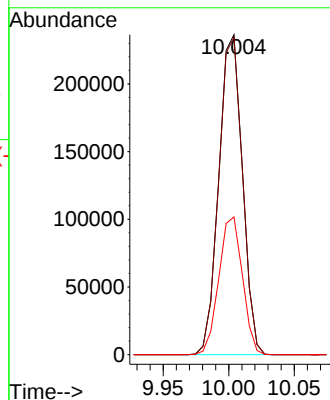
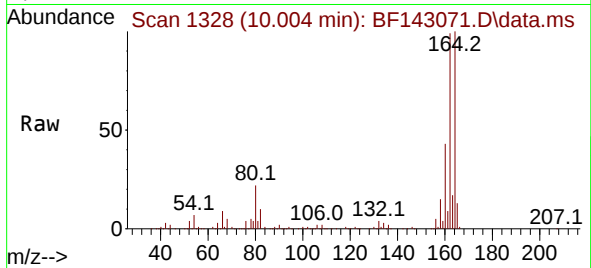




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 10.004 min Scan# 1178  
Delta R.T. 0.000 min  
Lab File: BF143071.D  
Acq: 11 Jul 2025 12:17

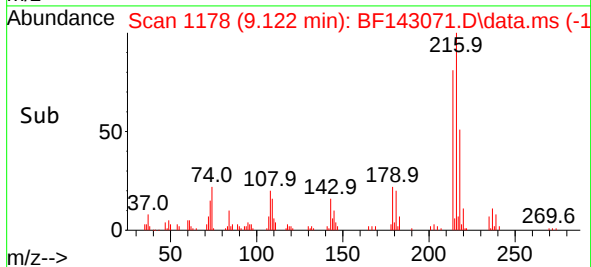
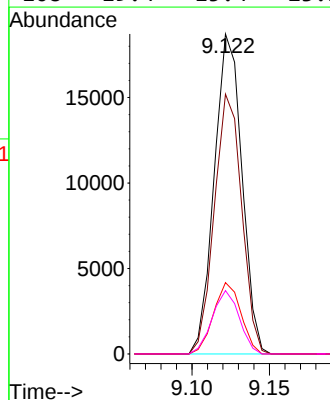
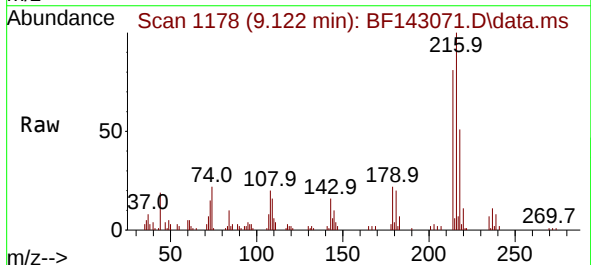
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

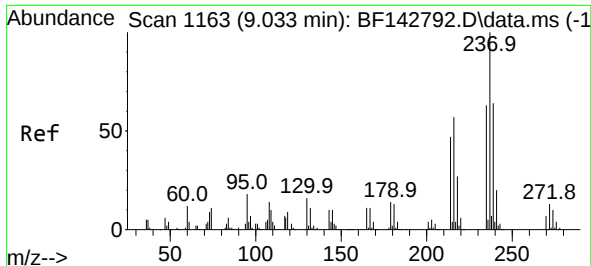
Tgt Ion:164 Resp: 295627  
Ion Ratio Lower Upper  
164 100  
162 99.2 79.3 118.9  
160 43.1 35.1 52.7



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 2.683 ng  
RT: 9.122 min Scan# 1178  
Delta R.T. -0.006 min  
Lab File: BF143071.D  
Acq: 11 Jul 2025 12:17

Tgt Ion:216 Resp: 23234  
Ion Ratio Lower Upper  
216 100  
214 80.2 62.9 94.3  
179 22.0 17.3 25.9  
108 19.4 15.4 23.2

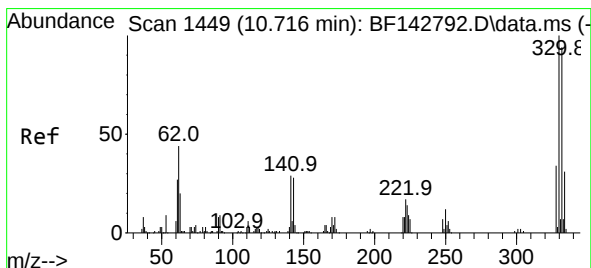
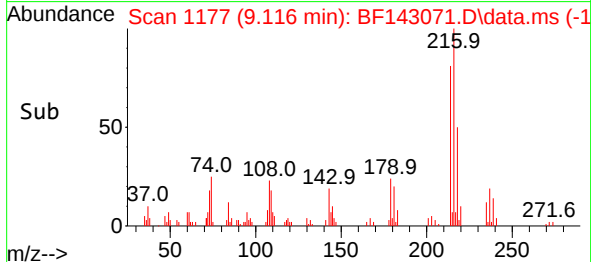
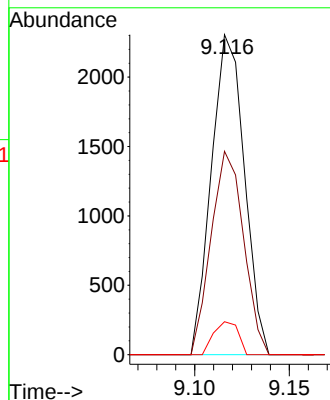
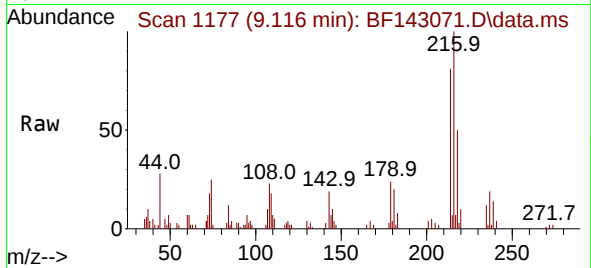




#41  
Hexachlorocyclopentadiene  
Concen: 1.295 ng  
RT: 9.116 min Scan# 1163  
Delta R.T. -0.006 min  
Lab File: BF143071.D  
Acq: 11 Jul 2025 12:17

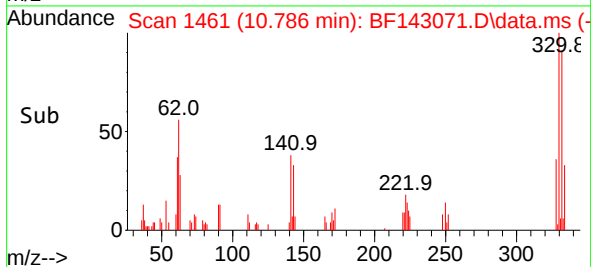
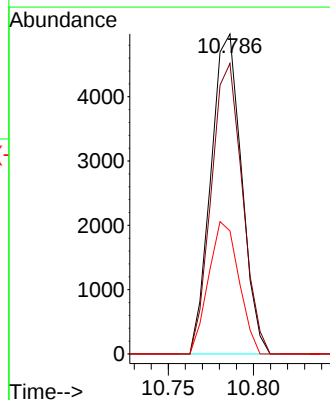
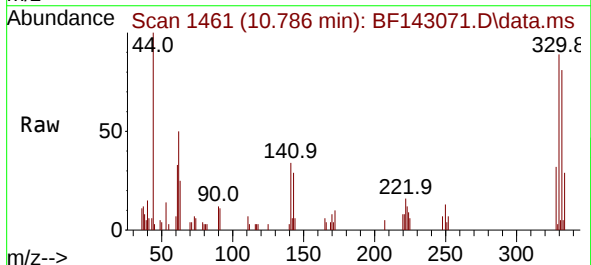
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

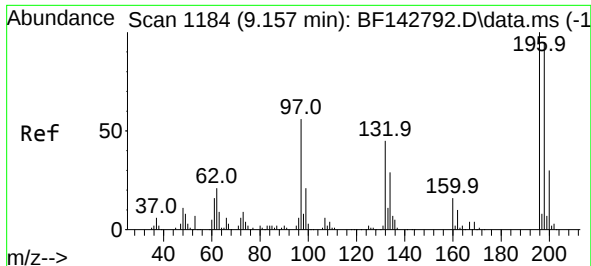
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:237 | Resp: | 2798      |
| Ion Ratio   | Lower | Upper     |
| 237         | 100   |           |
| 235         | 63.5  | 43.1 83.1 |
| 272         | 10.3  | 0.0 32.8  |



#42  
2,4,6-Tribromophenol  
Concen: 2.849 ng  
RT: 10.786 min Scan# 1461  
Delta R.T. -0.006 min  
Lab File: BF143071.D  
Acq: 11 Jul 2025 12:17

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:330 | Resp: | 6233       |
| Ion Ratio   | Lower | Upper      |
| 330         | 100   |            |
| 332         | 91.8  | 77.8 116.8 |
| 141         | 40.8  | 28.1 42.1  |





#43

2,4,6-Trichlorophenol

Concen: 1.612 ng

RT: 9.227 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF143071.D

Acq: 11 Jul 2025 12:17

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

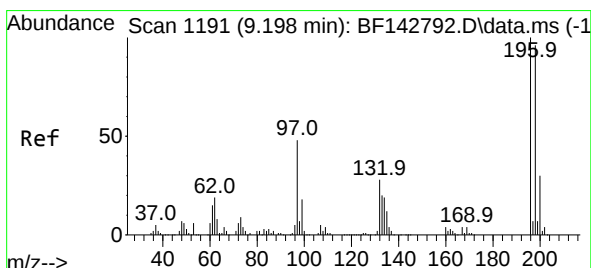
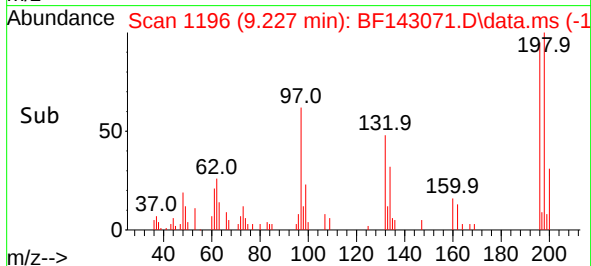
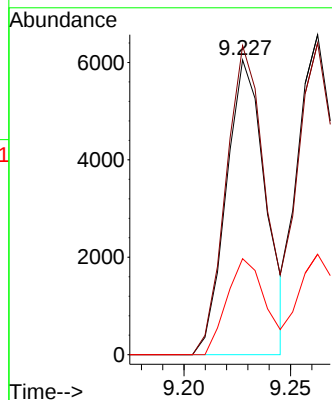
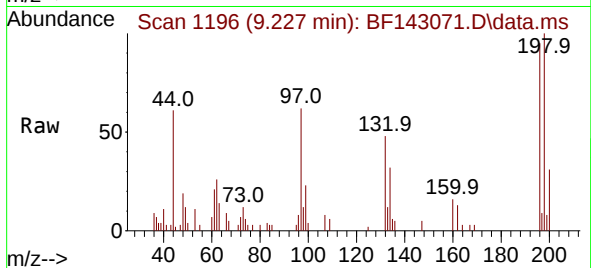
Tgt Ion:196 Resp: 7801

Ion Ratio Lower Upper

196 100

198 104.9 80.4 120.6

200 32.6 25.4 38.0



#44

2,4,5-Trichlorophenol

Concen: 1.711 ng

RT: 9.263 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF143071.D

Acq: 11 Jul 2025 12:17

Tgt Ion:196 Resp: 8632

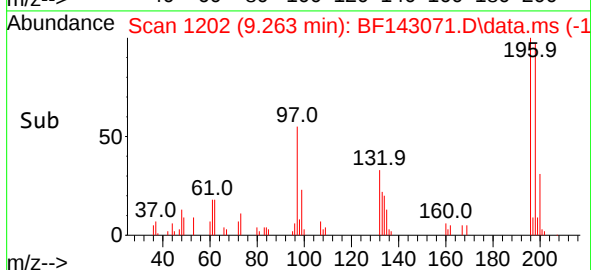
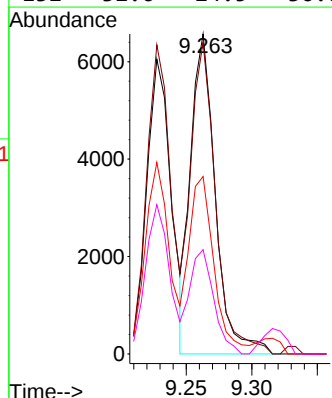
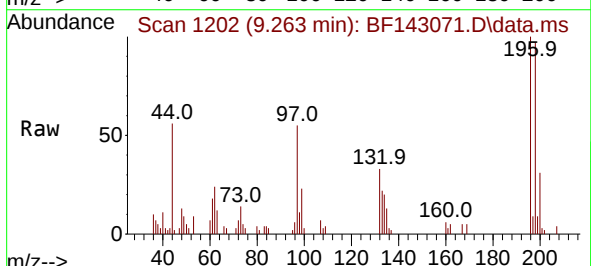
Ion Ratio Lower Upper

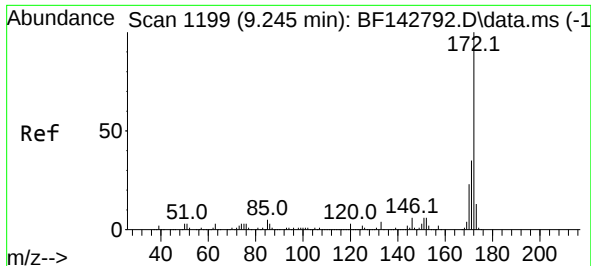
196 100

198 97.4 80.6 120.8

97 55.5 43.7 65.5

132 32.6 24.5 36.7

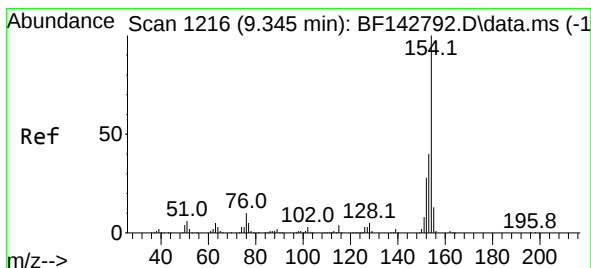
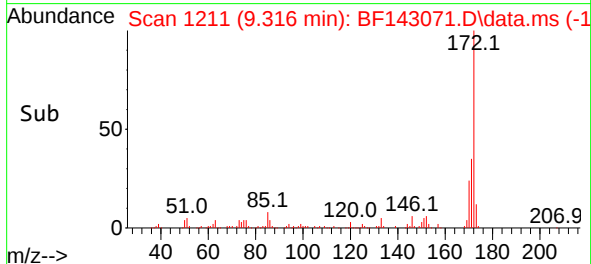
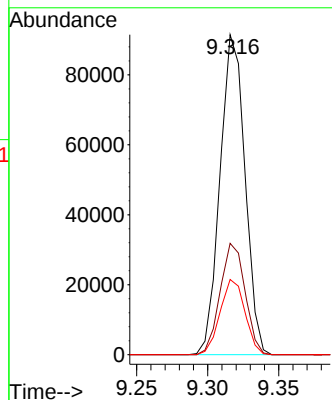
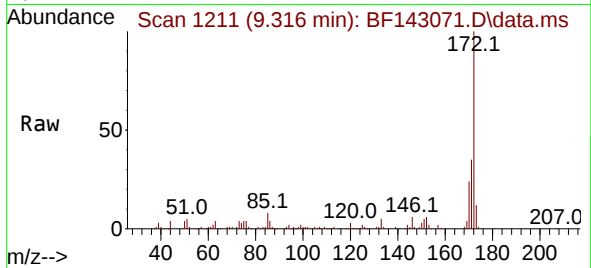




#45  
2-Fluorobiphenyl  
Concen: 5.945 ng  
RT: 9.316 min Scan# 1199  
Delta R.T. -0.006 min  
Lab File: BF143071.D  
Acq: 11 Jul 2025 12:17

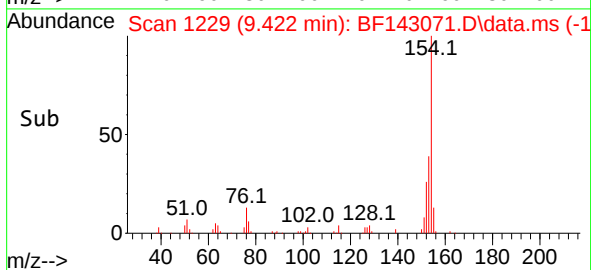
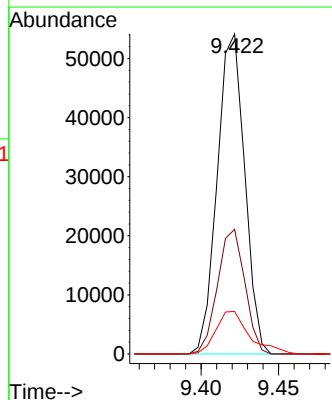
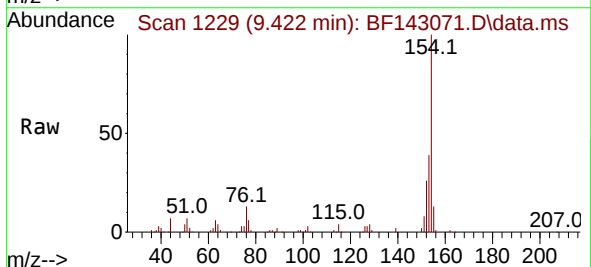
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

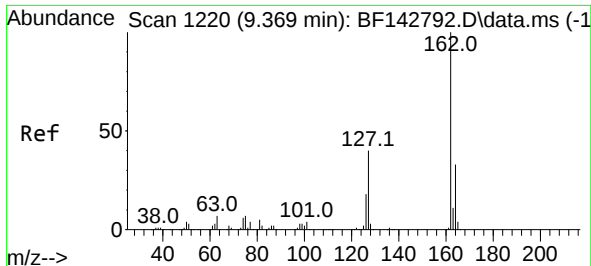
Tgt Ion:172 Resp: 111814  
Ion Ratio Lower Upper  
172 100  
171 34.8 28.3 42.5  
170 23.5 18.6 28.0



#46  
1,1'-Biphenyl  
Concen: 2.875 ng  
RT: 9.422 min Scan# 1229  
Delta R.T. -0.006 min  
Lab File: BF143071.D  
Acq: 11 Jul 2025 12:17

Tgt Ion:154 Resp: 66746  
Ion Ratio Lower Upper  
154 100  
153 38.9 20.3 60.3  
76 13.3 0.0 33.2





#47

2-Chloronaphthalene

Concen: 2.721 ng

RT: 9.445 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143071.D

Acq: 11 Jul 2025 12:17

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

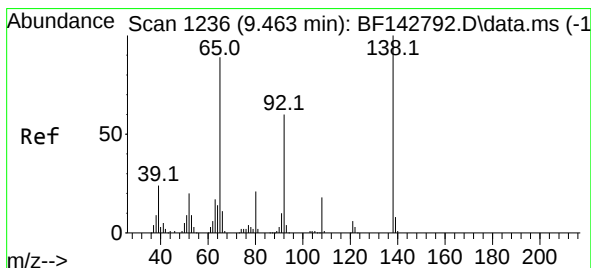
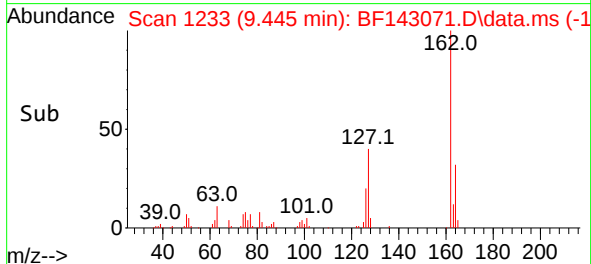
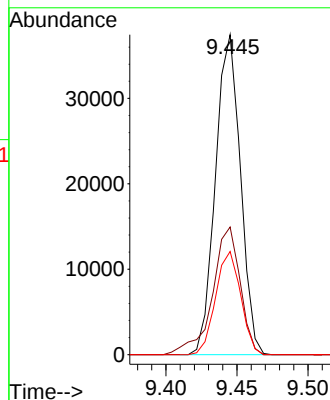
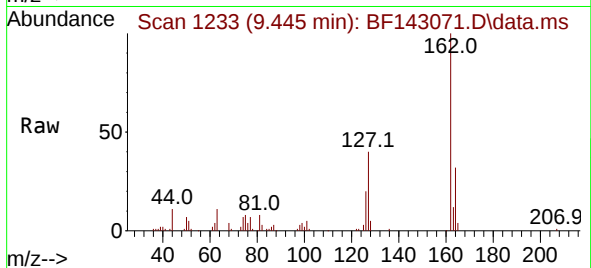
Tgt Ion:162 Resp: 45743

Ion Ratio Lower Upper

162 100

127 39.9 32.9 49.3

164 32.2 26.2 39.2



#48

2-Nitroaniline

Concen: 5.342 ng

RT: 9.527 min Scan# 1247

Delta R.T. -0.006 min

Lab File: BF143071.D

Acq: 11 Jul 2025 12:17

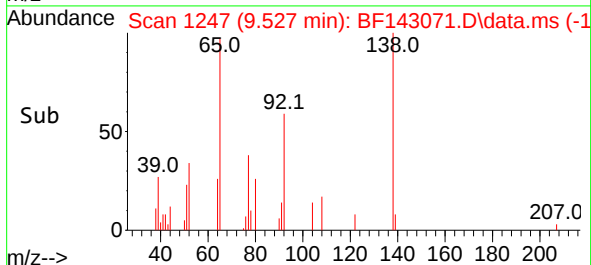
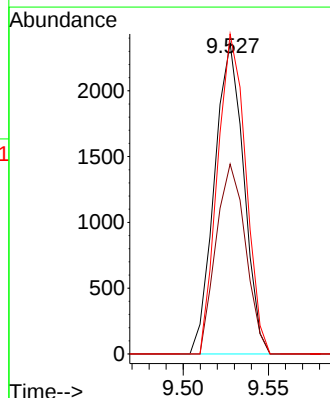
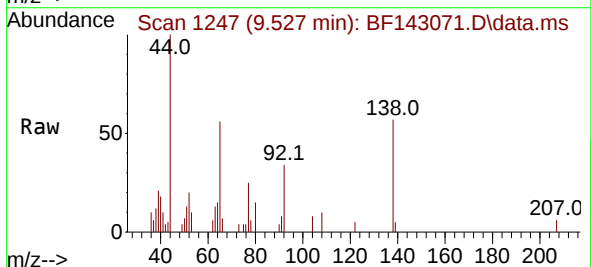
Tgt Ion: 65 Resp: 2828

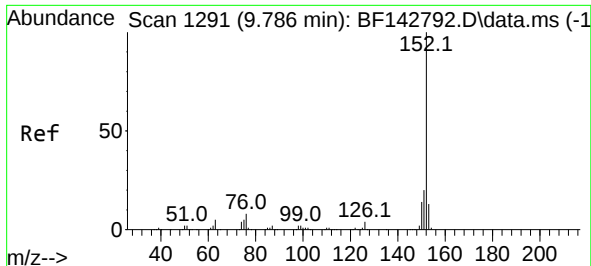
Ion Ratio Lower Upper

65 100

92 61.1 51.4 77.0

138 103.0 77.0 115.4

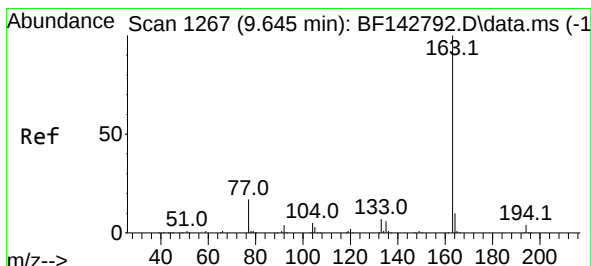
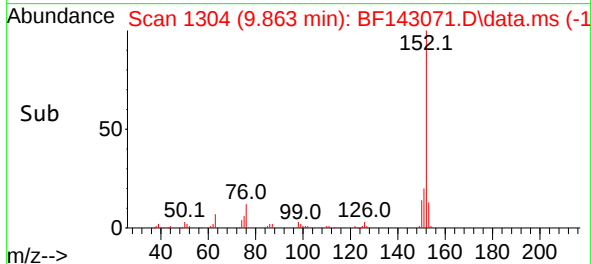
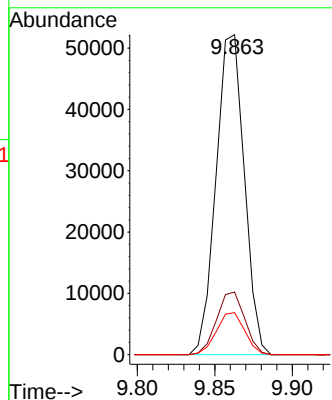
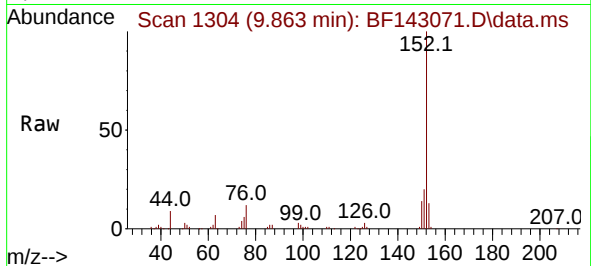




#49  
Acenaphthylene  
Concen: 2.683 ng  
RT: 9.863 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF143071.D  
Acq: 11 Jul 2025 12:17

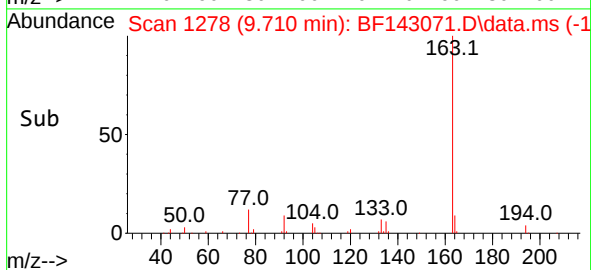
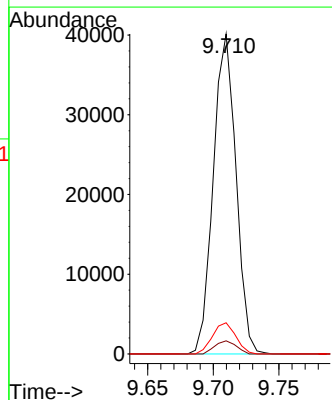
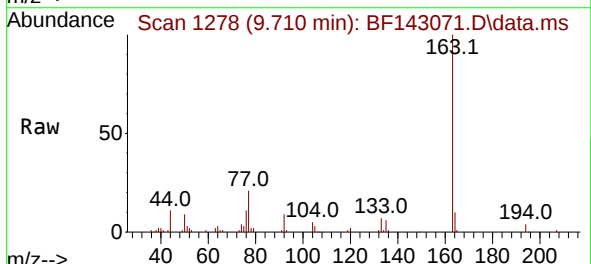
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

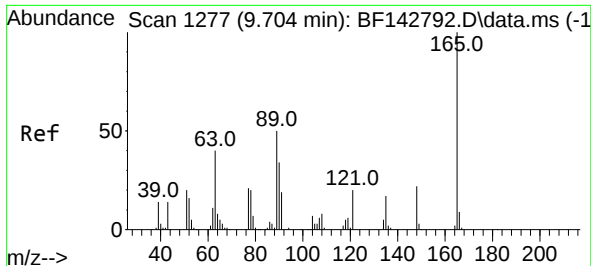
Tgt Ion:152 Resp: 66211  
Ion Ratio Lower Upper  
152 100  
151 19.6 16.1 24.1  
153 13.1 11.2 16.8



#50  
Dimethylphthalate  
Concen: 2.629 ng  
RT: 9.710 min Scan# 1278  
Delta R.T. -0.012 min  
Lab File: BF143071.D  
Acq: 11 Jul 2025 12:17

Tgt Ion:163 Resp: 48295  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.4 5.0  
164 9.8 8.1 12.1

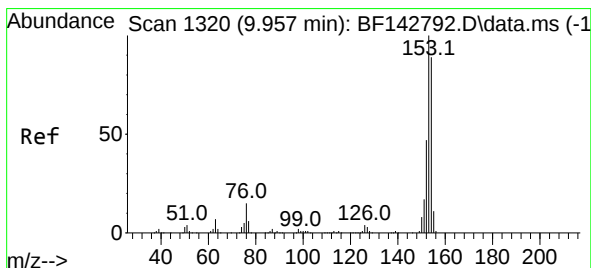
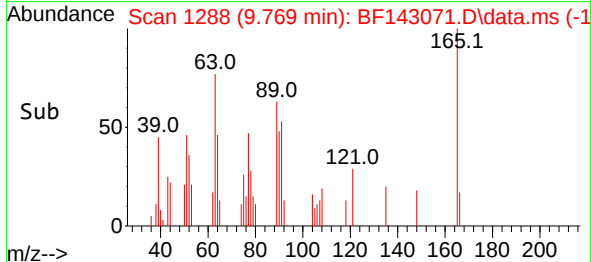
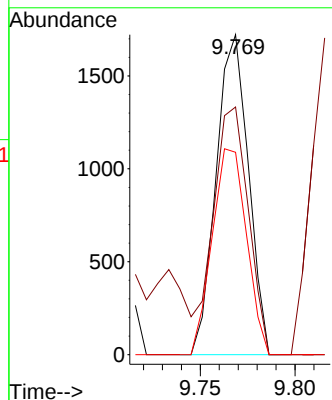
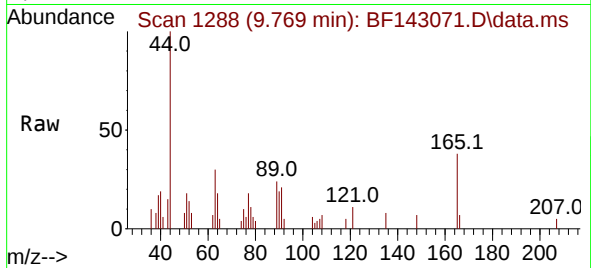




#51  
2,6-Dinitrotoluene  
Concen: 4.685 ng  
RT: 9.769 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: BF143071.D  
Acq: 11 Jul 2025 12:17

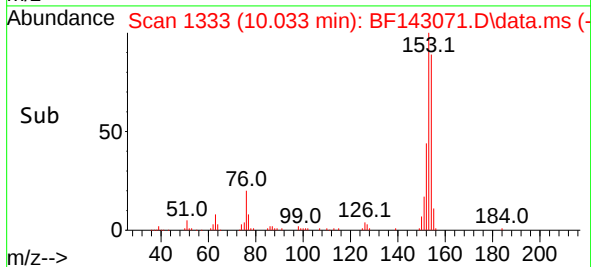
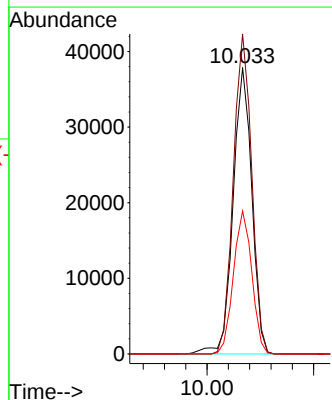
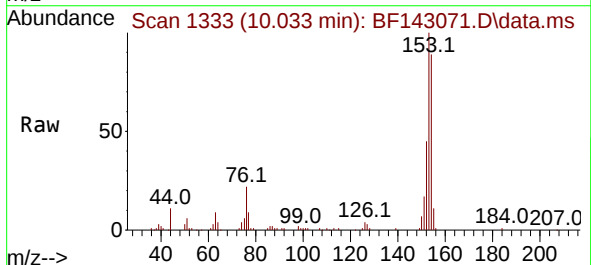
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

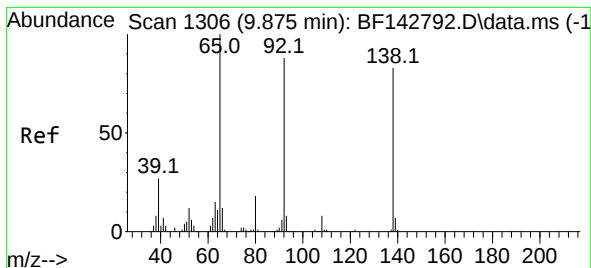
Tgt Ion:165 Resp: 2038  
Ion Ratio Lower Upper  
165 100  
63 77.4 53.0 79.6  
89 63.2 50.2 75.4



#52  
Acenaphthene  
Concen: 2.783 ng  
RT: 10.033 min Scan# 1333  
Delta R.T. -0.006 min  
Lab File: BF143071.D  
Acq: 11 Jul 2025 12:17

Tgt Ion:154 Resp: 46256  
Ion Ratio Lower Upper  
154 100  
153 111.7 86.6 130.0  
152 50.0 38.7 58.1





#53

3-Nitroaniline

Concen: 4.440 ng

RT: 9.933 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF143071.D

Acq: 11 Jul 2025 12:17

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

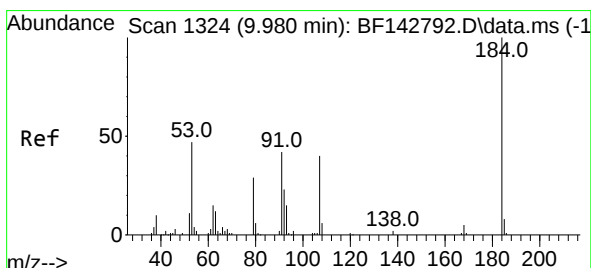
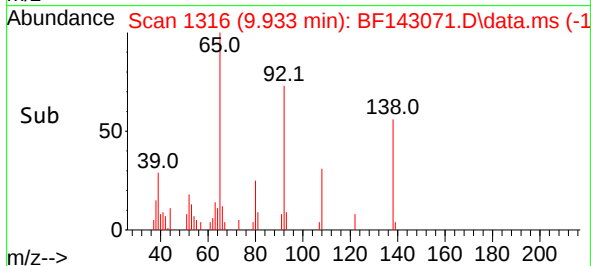
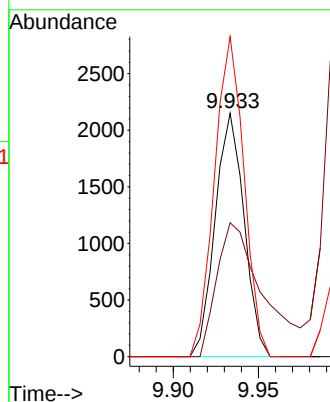
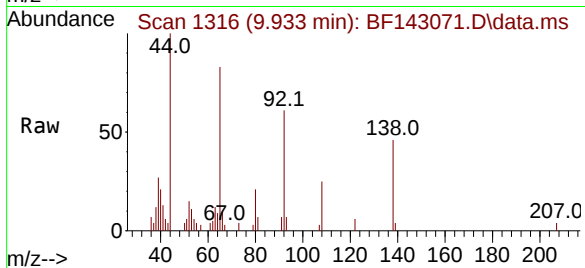
Tgt Ion:138 Resp: 2538

Ion Ratio Lower Upper

138 100

108 55.0 14.0 21.0#

92 131.5 94.1 141.1



#54

2,4-Dinitrophenol

Concen: 5.351 ng

RT: 10.039 min Scan# 1334

Delta R.T. -0.006 min

Lab File: BF143071.D

Acq: 11 Jul 2025 12:17

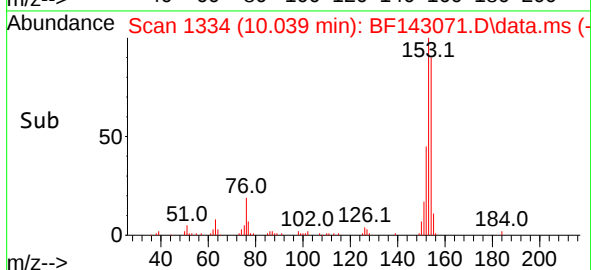
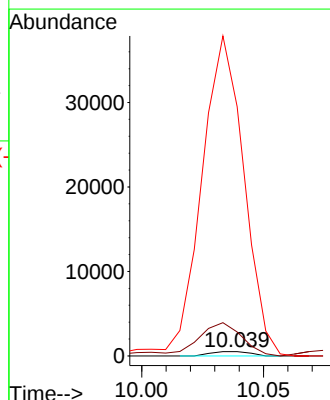
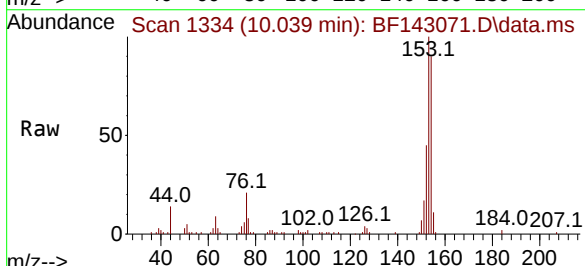
Tgt Ion:184 Resp: 578

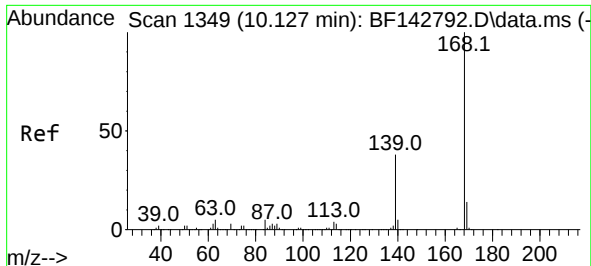
Ion Ratio Lower Upper

184 100

63 560.6 204.9 307.3#

154 5819.3 1655.1 2482.7#

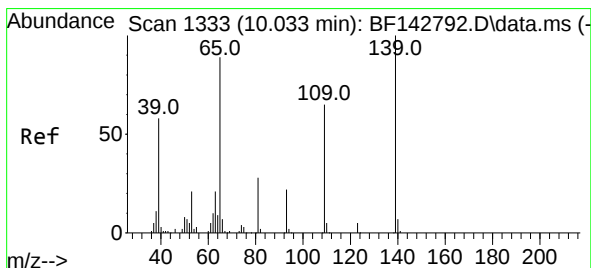
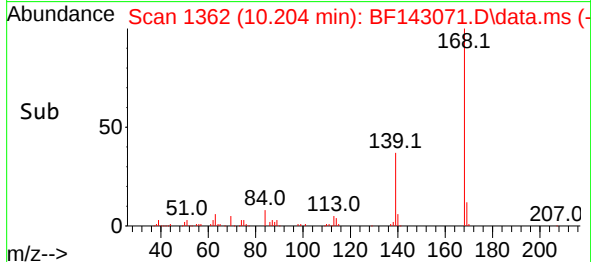
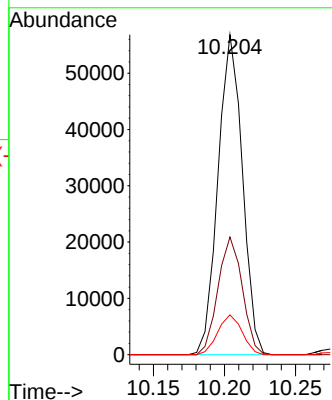
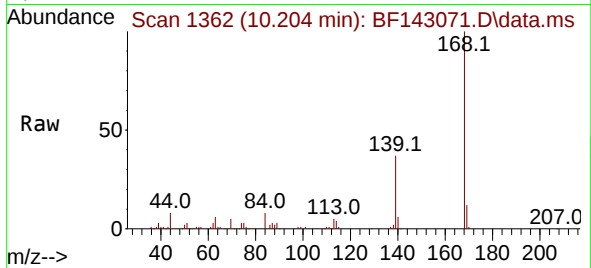




#55  
Dibenzofuran  
Concen: 2.786 ng  
RT: 10.204 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF143071.D  
Acq: 11 Jul 2025 12:17

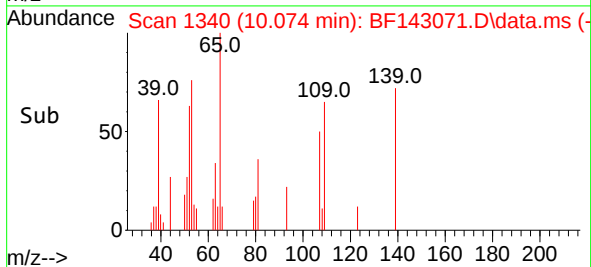
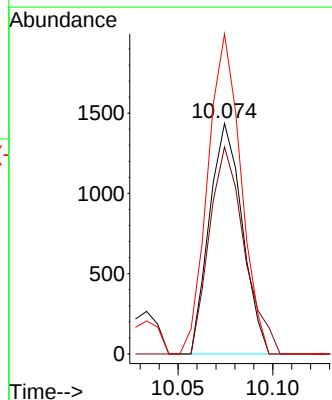
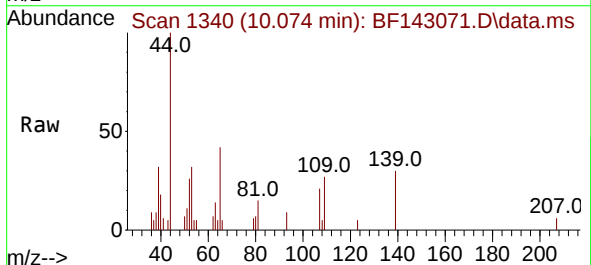
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

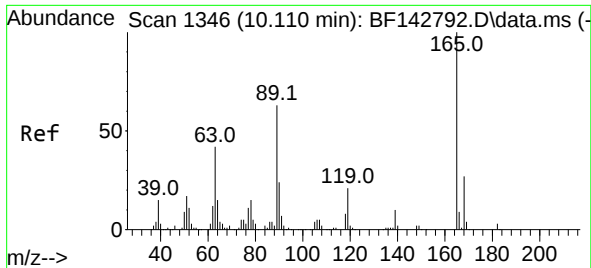
Tgt Ion:168 Resp: 67640  
Ion Ratio Lower Upper  
168 100  
139 36.7 30.6 46.0  
169 12.4 10.6 15.8



#56  
4-Nitrophenol  
Concen: 5.922 ng  
RT: 10.074 min Scan# 1340  
Delta R.T. -0.012 min  
Lab File: BF143071.D  
Acq: 11 Jul 2025 12:17

Tgt Ion:139 Resp: 1733  
Ion Ratio Lower Upper  
139 100  
109 89.8 52.5 92.5  
65 138.8 85.8 125.8#

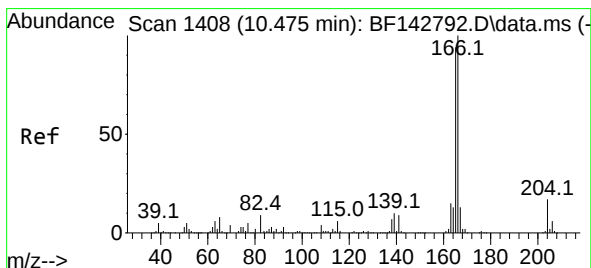
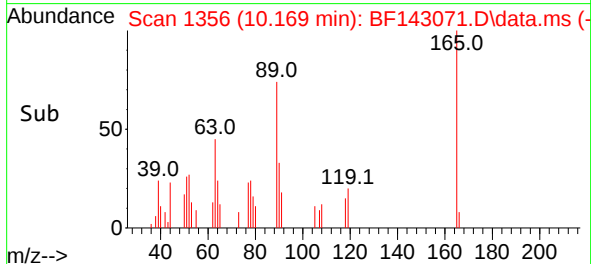
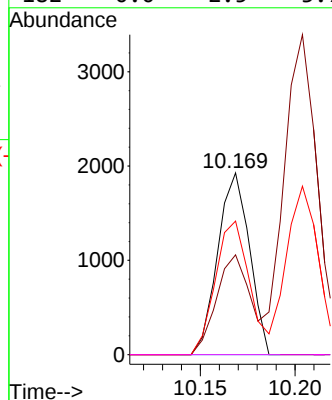
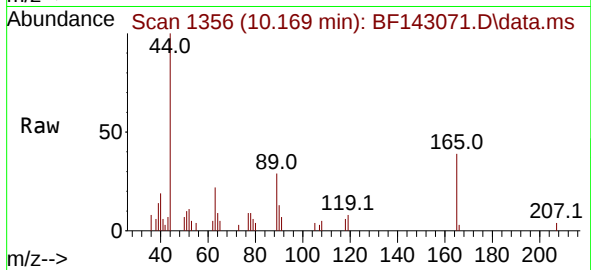




#57  
2,4-Dinitrotoluene  
Concen: 5.240 ng  
RT: 10.169 min Scan# 11  
Delta R.T. -0.011 min  
Lab File: BF143071.D  
Acq: 11 Jul 2025 12:17

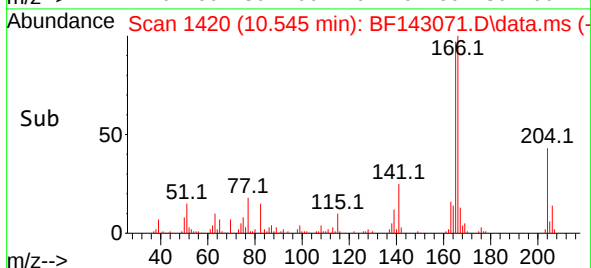
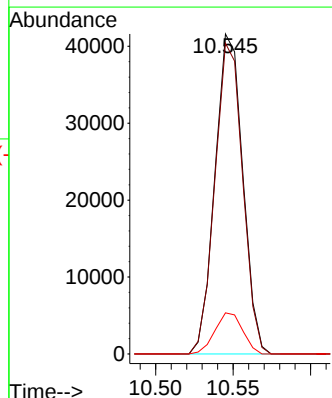
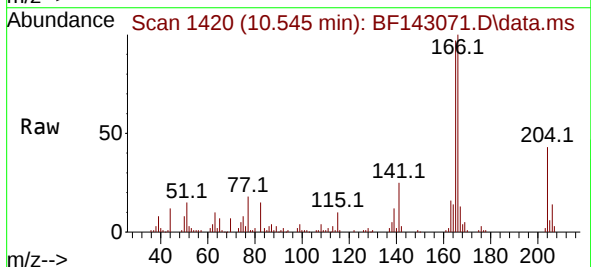
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

Tgt Ion:165 Resp: 2242  
Ion Ratio Lower Upper  
165 100  
63 54.9 39.0 58.6  
89 73.5 59.5 89.3  
182 0.0 2.5 3.7#



#58  
Fluorene  
Concen: 2.921 ng  
RT: 10.545 min Scan# 1420  
Delta R.T. -0.006 min  
Lab File: BF143071.D  
Acq: 11 Jul 2025 12:17

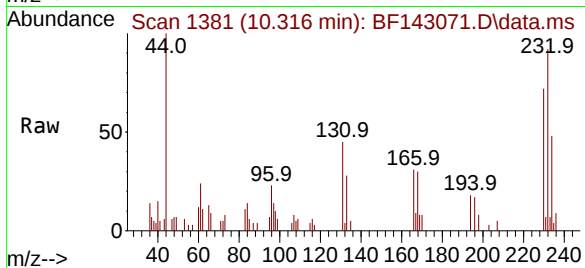
Tgt Ion:166 Resp: 51904  
Ion Ratio Lower Upper  
166 100  
165 97.1 77.0 115.4  
167 12.9 10.9 16.3



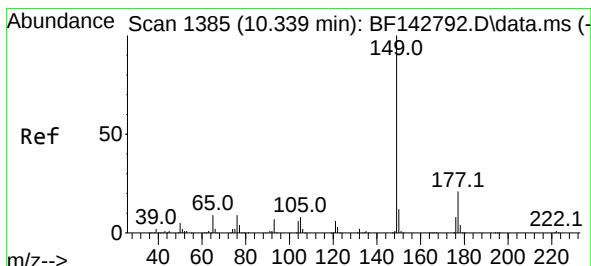
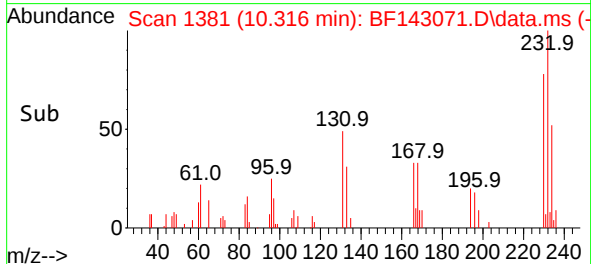
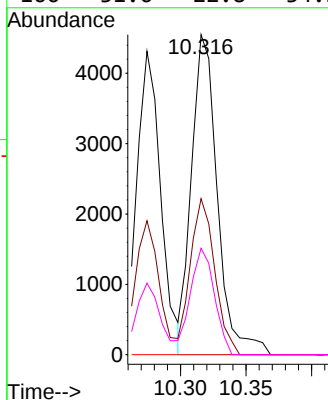


#59  
2,3,4,6-Tetrachlorophenol  
Concen: 1.538 ng  
RT: 10.316 min Scan# 1381  
Delta R.T. -0.006 min  
Lab File: BF143071.D  
Acq: 11 Jul 2025 12:17

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

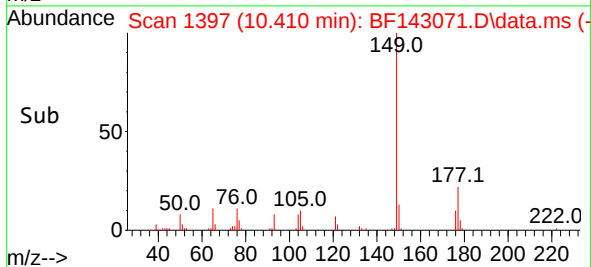
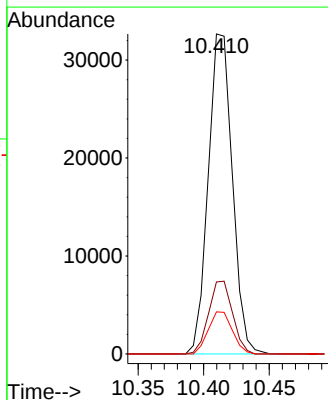
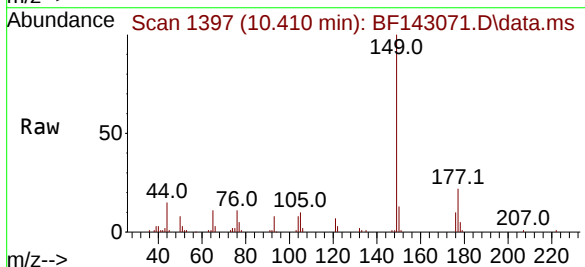


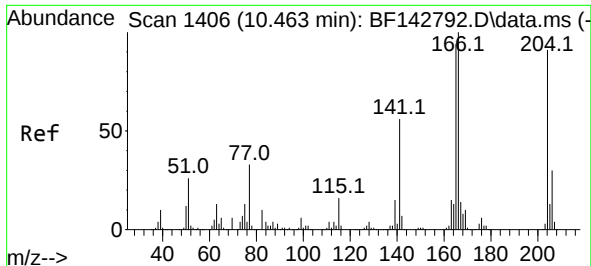
Tgt Ion:232 Resp: 6253  
Ion Ratio Lower Upper  
232 100  
131 45.7 37.1 55.7  
130 0.0 1.8 2.8#  
166 31.6 22.8 34.2



#60  
Diethylphthalate  
Concen: 2.475 ng  
RT: 10.410 min Scan# 1397  
Delta R.T. -0.012 min  
Lab File: BF143071.D  
Acq: 11 Jul 2025 12:17

Tgt Ion:149 Resp: 41837  
Ion Ratio Lower Upper  
149 100  
177 22.5 18.6 27.8  
150 13.2 10.2 15.4

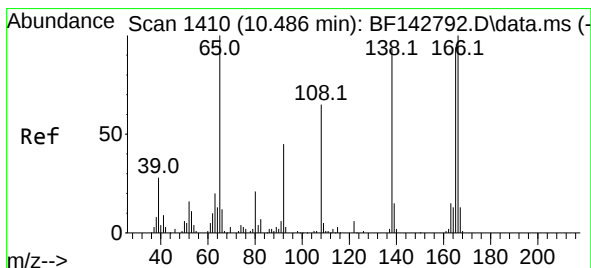
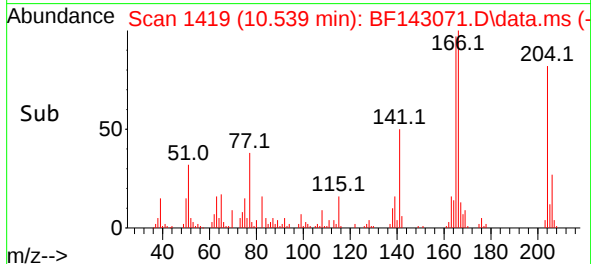
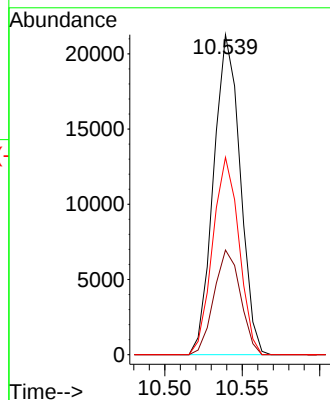
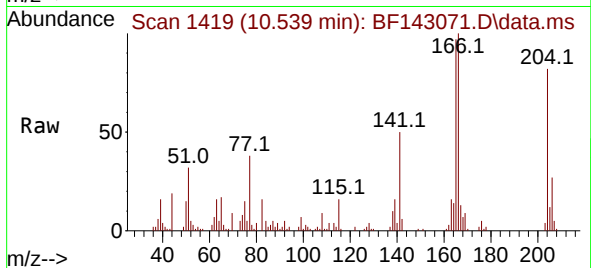




#61  
4-Chlorophenyl-phenylether  
Concen: 2.877 ng  
RT: 10.539 min Scan# 1419  
Delta R.T. -0.006 min  
Lab File: BF143071.D  
Acq: 11 Jul 2025 12:17

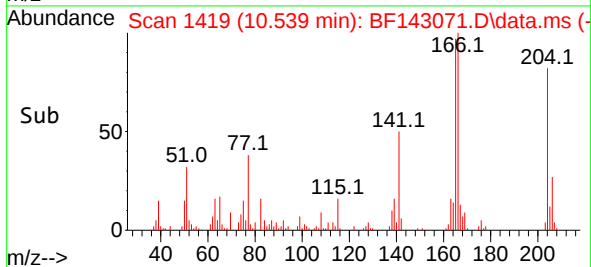
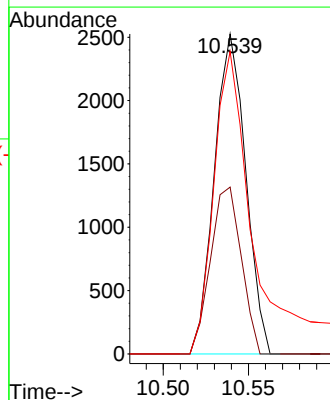
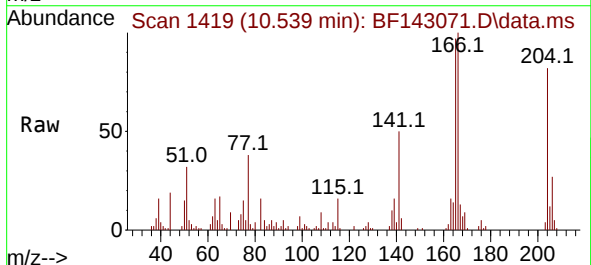
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

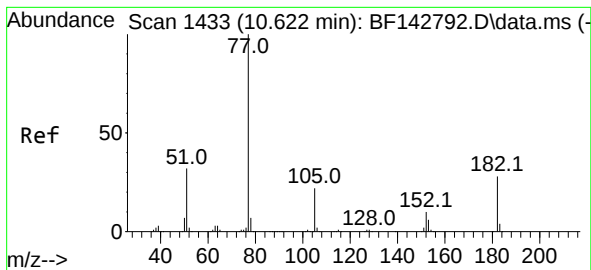
Tgt Ion:204 Resp: 25417  
Ion Ratio Lower Upper  
204 100  
206 32.7 26.1 39.1  
141 61.6 49.4 74.2



#62  
4-Nitroaniline  
Concen: 4.248 ng  
RT: 10.539 min Scan# 1419  
Delta R.T. -0.018 min  
Lab File: BF143071.D  
Acq: 11 Jul 2025 12:17

Tgt Ion:138 Resp: 3239  
Ion Ratio Lower Upper  
138 100  
92 52.1 29.3 69.3  
108 94.5 52.6 92.6#

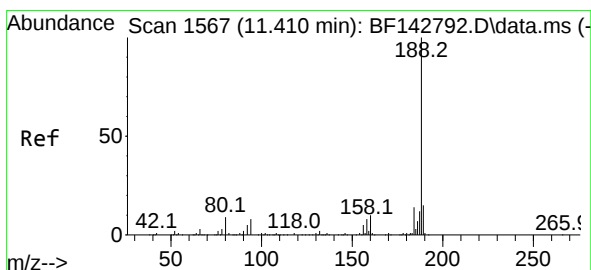
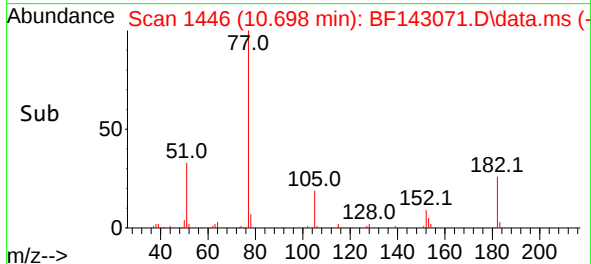
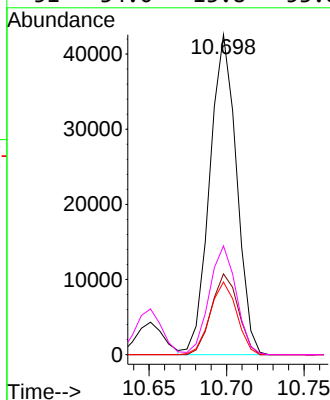
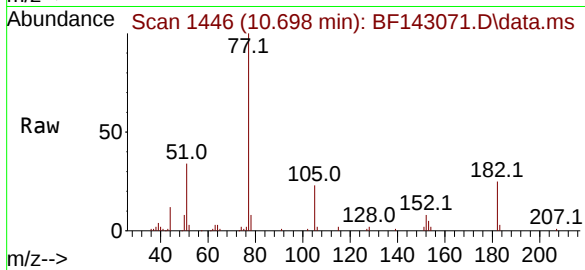




#63  
Azobenzene  
Concen: 2.667 ng  
RT: 10.698 min Scan# 1433  
Delta R.T. -0.006 min  
Lab File: BF143071.D  
Acq: 11 Jul 2025 12:17

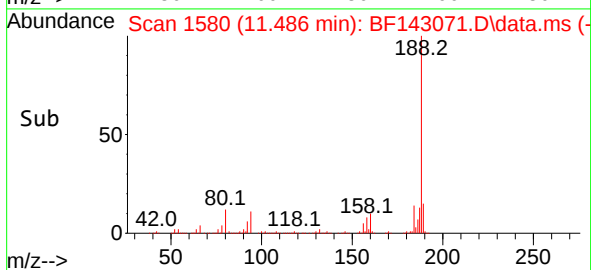
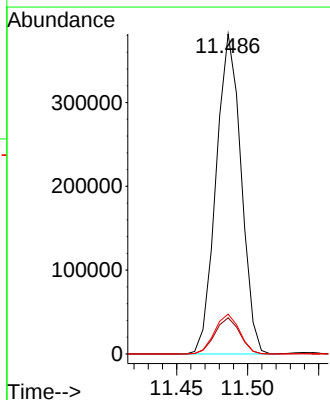
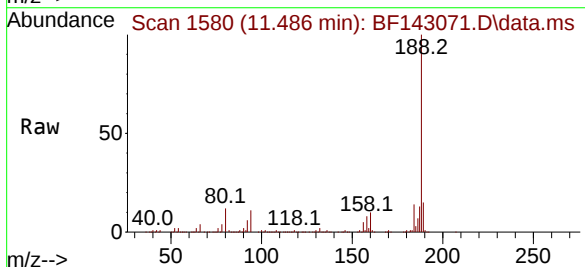
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

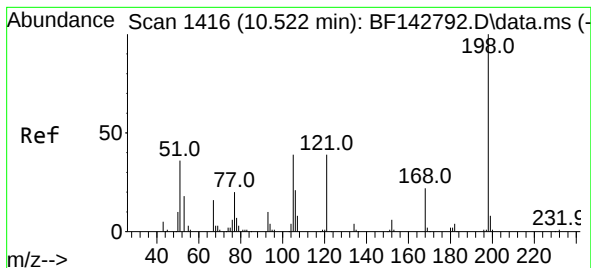
|             |             |
|-------------|-------------|
| Tgt Ion: 77 | Resp: 51320 |
| Ion Ratio   | Lower Upper |
| 77 100      |             |
| 182 25.2    | 4.5 44.5    |
| 105 22.7    | 1.2 41.2    |
| 51 34.0     | 13.8 53.8   |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.486 min Scan# 1580  
Delta R.T. -0.006 min  
Lab File: BF143071.D  
Acq: 11 Jul 2025 12:17

|             |              |
|-------------|--------------|
| Tgt Ion:188 | Resp: 467511 |
| Ion Ratio   | Lower Upper  |
| 188 100     |              |
| 94 11.3     | 8.4 12.6     |
| 80 12.5     | 9.3 13.9     |

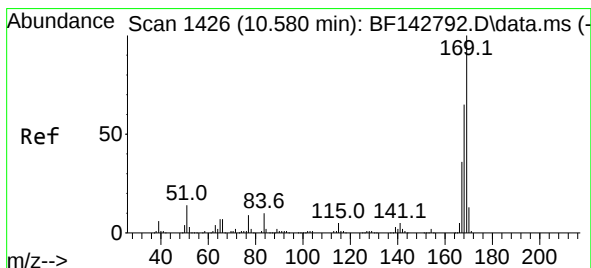
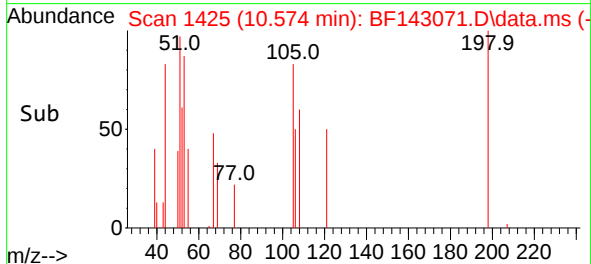
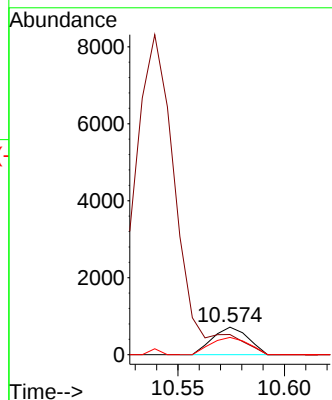
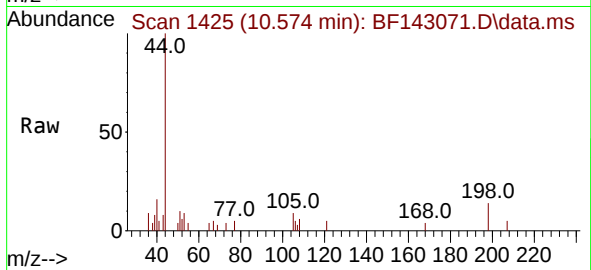




#65  
4,6-Dinitro-2-methylphenol  
Concen: 6.887 ng  
RT: 10.574 min Scan# 1416  
Delta R.T. -0.012 min  
Lab File: BF143071.D  
Acq: 11 Jul 2025 12:17

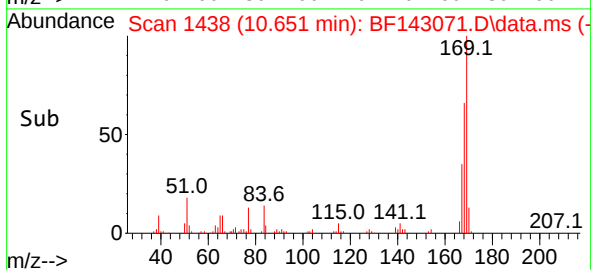
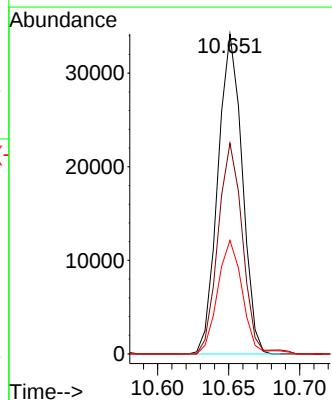
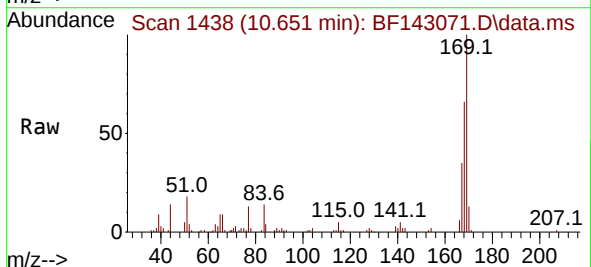
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

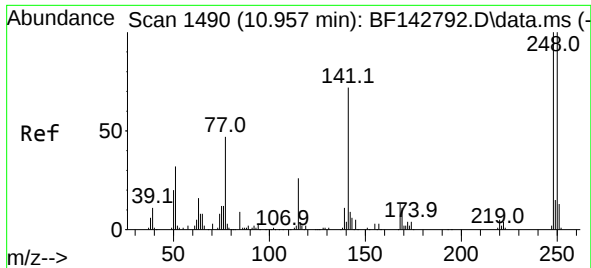
Tgt Ion:198 Resp: 830  
Ion Ratio Lower Upper  
198 100  
51 73.0 38.7 78.7  
105 63.0 27.6 67.6



#66  
n-Nitrosodiphenylamine  
Concen: 2.529 ng  
RT: 10.651 min Scan# 1438  
Delta R.T. -0.006 min  
Lab File: BF143071.D  
Acq: 11 Jul 2025 12:17

Tgt Ion:169 Resp: 40626  
Ion Ratio Lower Upper  
169 100  
168 65.9 52.6 79.0  
167 35.5 28.7 43.1

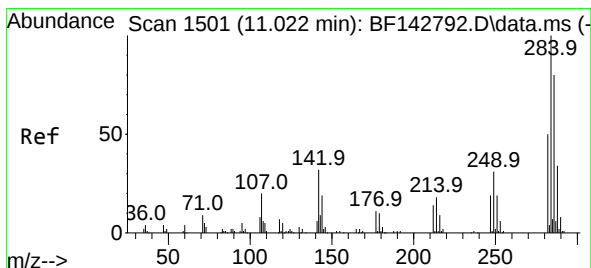
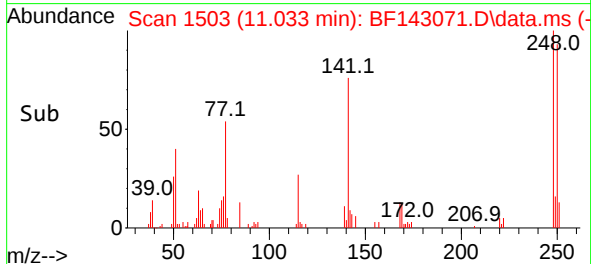
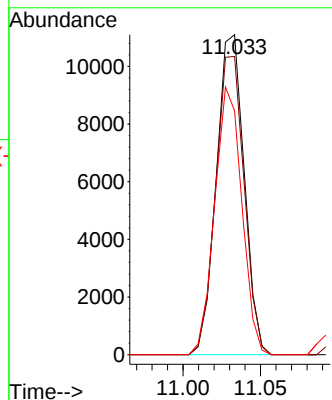
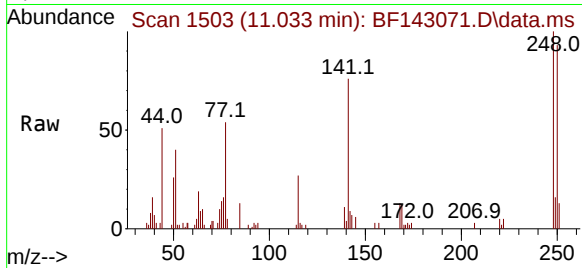




#67  
4-Bromophenyl-phenylether  
Concen: 2.554 ng  
RT: 11.033 min Scan# 1514  
Delta R.T. 0.000 min  
Lab File: BF143071.D  
Acq: 11 Jul 2025 12:17

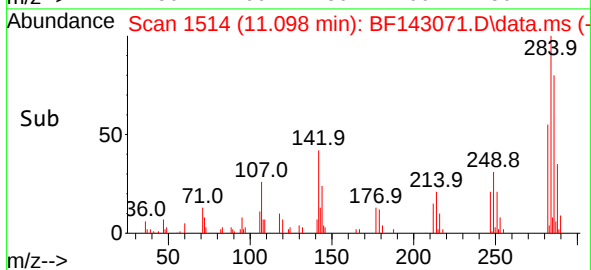
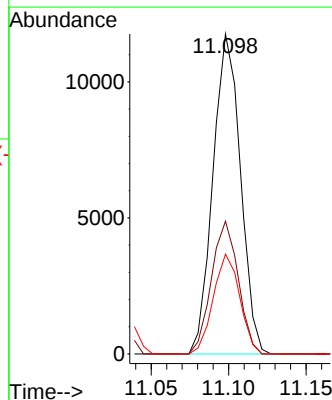
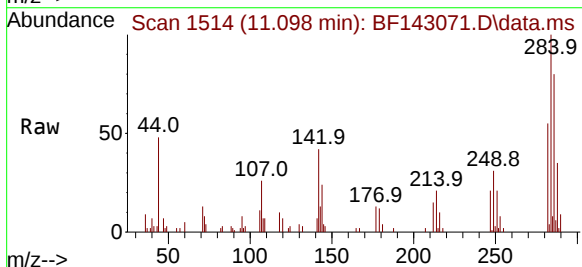
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

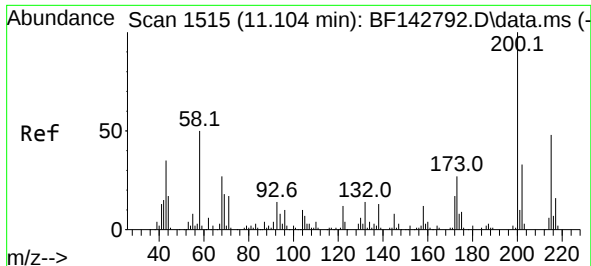
Tgt Ion:248 Resp: 13876  
Ion Ratio Lower Upper  
248 100  
250 93.2 78.5 117.7  
141 76.2 64.5 96.7



#68  
Hexachlorobenzene  
Concen: 2.648 ng  
RT: 11.098 min Scan# 1514  
Delta R.T. -0.006 min  
Lab File: BF143071.D  
Acq: 11 Jul 2025 12:17

Tgt Ion:284 Resp: 14481  
Ion Ratio Lower Upper  
284 100  
142 41.5 30.1 45.1  
249 31.2 25.8 38.6

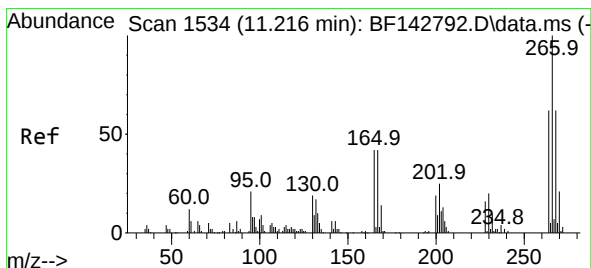
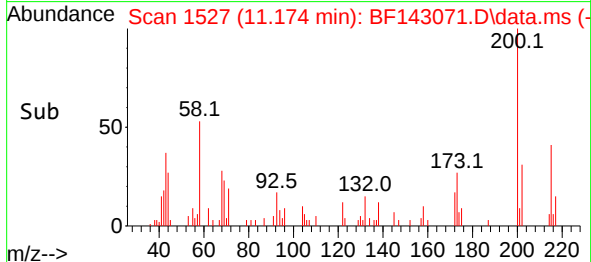
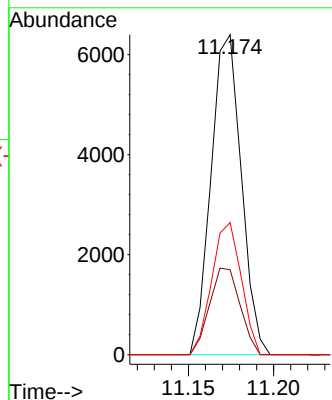
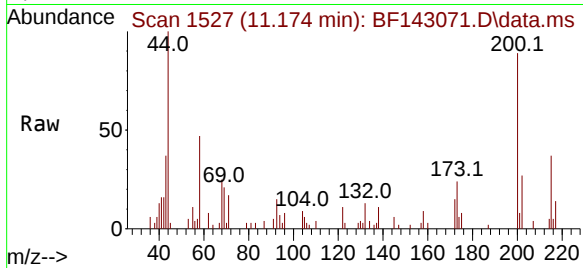




#69  
 Atrazine  
 Concen: 2.309 ng  
 RT: 11.174 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF143071.D  
 Acq: 11 Jul 2025 12:17

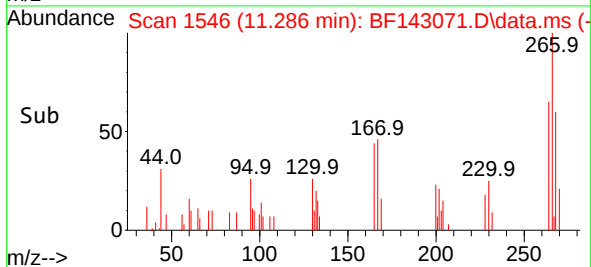
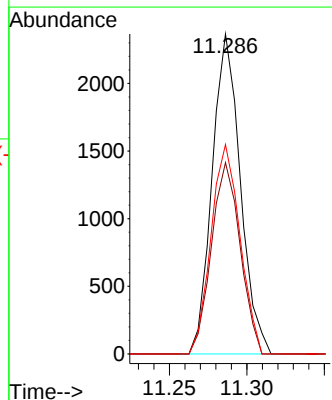
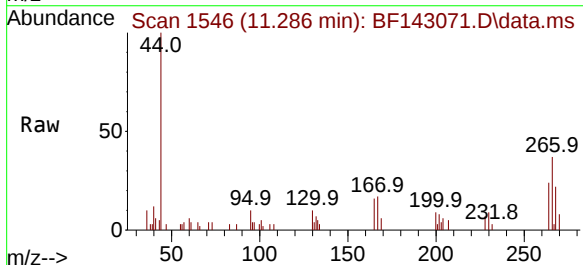
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

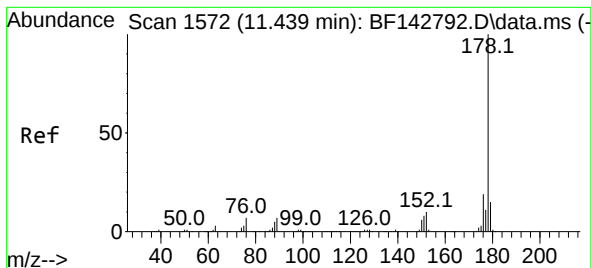
Tgt Ion:200 Resp: 7899  
 Ion Ratio Lower Upper  
 200 100  
 173 26.6 5.3 45.3  
 215 41.3 27.2 67.2



#70  
 Pentachlorophenol  
 Concen: 0.974 ng  
 RT: 11.286 min Scan# 1546  
 Delta R.T. -0.006 min  
 Lab File: BF143071.D  
 Acq: 11 Jul 2025 12:17

Tgt Ion:266 Resp: 2988  
 Ion Ratio Lower Upper  
 266 100  
 268 59.8 50.9 76.3  
 264 65.5 51.0 76.4





#71

Phenanthrene

Concen: 2.854 ng

RT: 11.510 min Scan# 1584

Delta R.T. -0.006 min

Lab File: BF143071.D

Acq: 11 Jul 2025 12:17

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

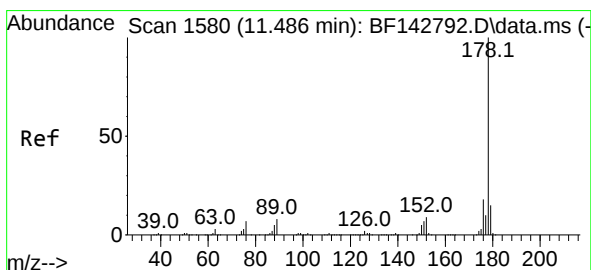
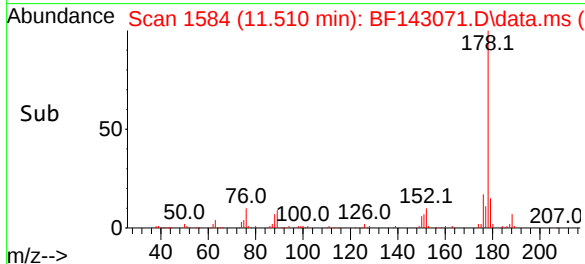
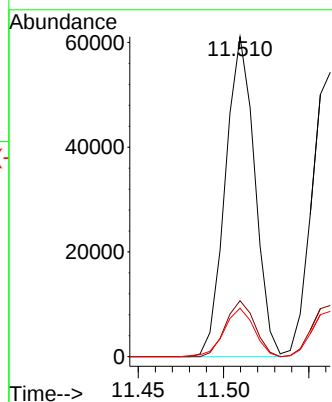
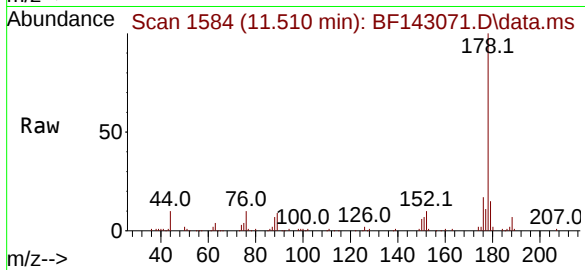
Tgt Ion:178 Resp: 73109

Ion Ratio Lower Upper

178 100

176 17.5 15.4 23.0

179 15.1 12.3 18.5



#72

Anthracene

Concen: 2.709 ng

RT: 11.563 min Scan# 1593

Delta R.T. -0.006 min

Lab File: BF143071.D

Acq: 11 Jul 2025 12:17

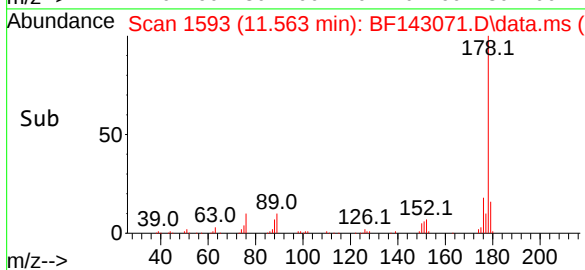
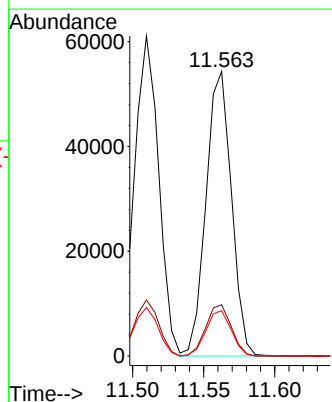
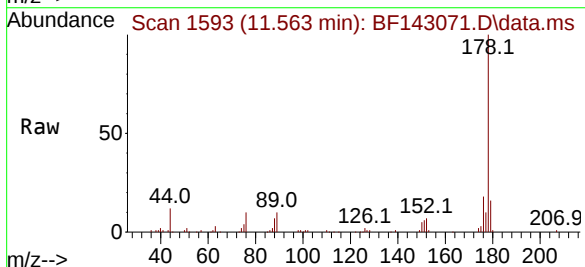
Tgt Ion:178 Resp: 67639

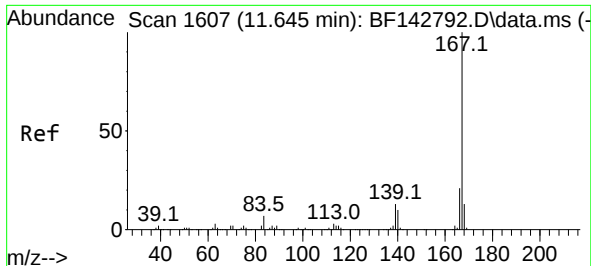
Ion Ratio Lower Upper

178 100

176 18.0 14.6 22.0

179 15.9 12.3 18.5

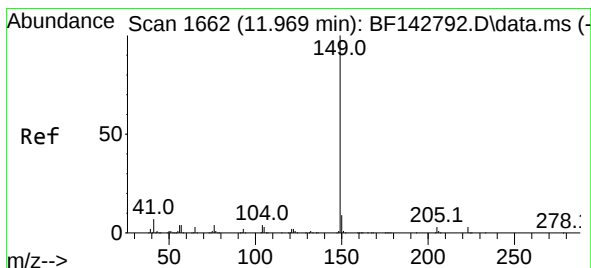
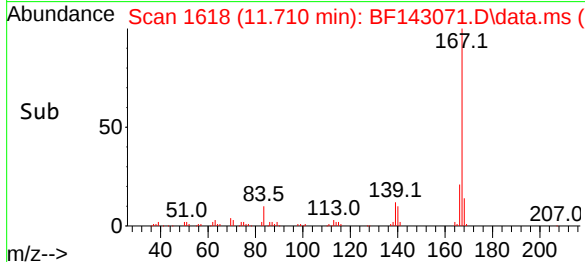
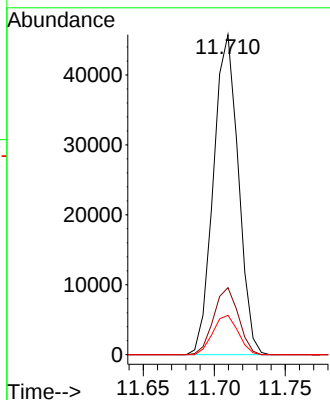
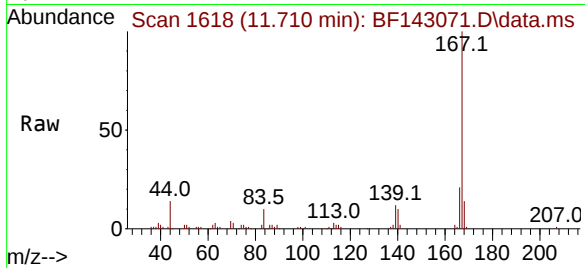




#73  
 Carbazole  
 Concen: 2.706 ng  
 RT: 11.710 min Scan# 1618  
 Delta R.T. -0.006 min  
 Lab File: BF143071.D  
 Acq: 11 Jul 2025 12:17

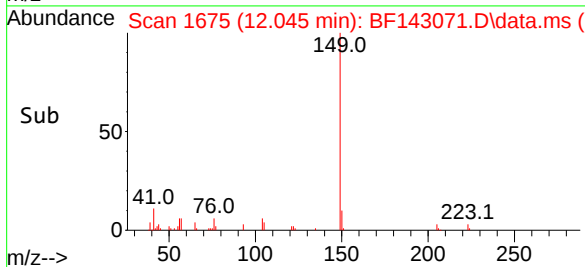
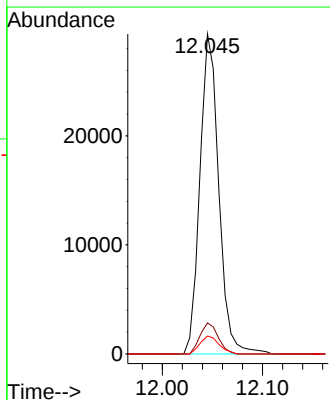
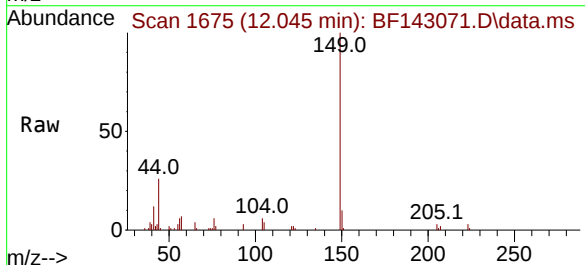
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

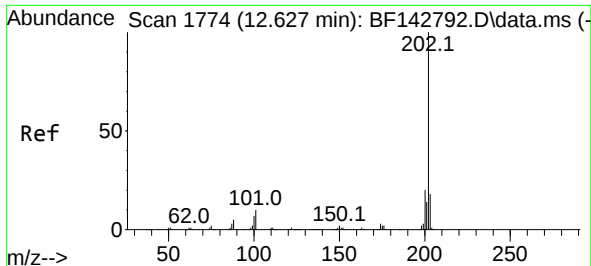
Tgt Ion:167 Resp: 55851  
 Ion Ratio Lower Upper  
 167 100  
 166 20.9 16.9 25.3  
 139 12.3 10.5 15.7



#74  
 Di-n-butylphthalate  
 Concen: 1.880 ng  
 RT: 12.045 min Scan# 1675  
 Delta R.T. -0.006 min  
 Lab File: BF143071.D  
 Acq: 11 Jul 2025 12:17

Tgt Ion:149 Resp: 38493  
 Ion Ratio Lower Upper  
 149 100  
 150 9.7 7.2 10.8  
 104 5.6 3.9 5.9

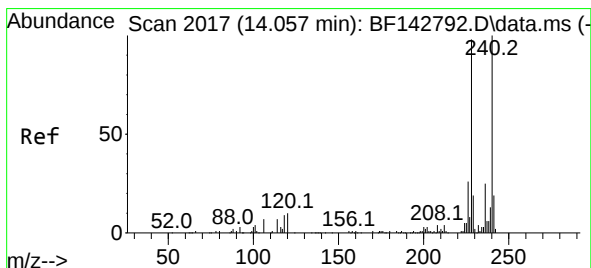
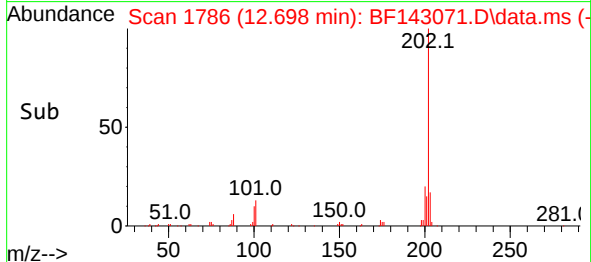
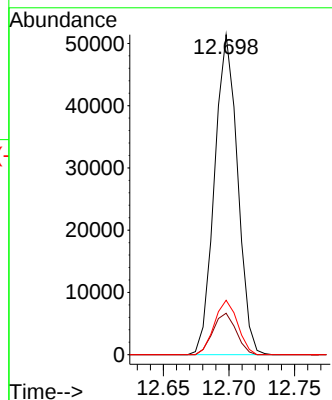
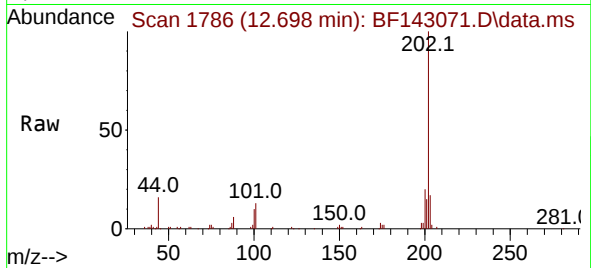




#75  
Fluoranthene  
Concen: 2.849 ng  
RT: 12.698 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BF143071.D  
Acq: 11 Jul 2025 12:17

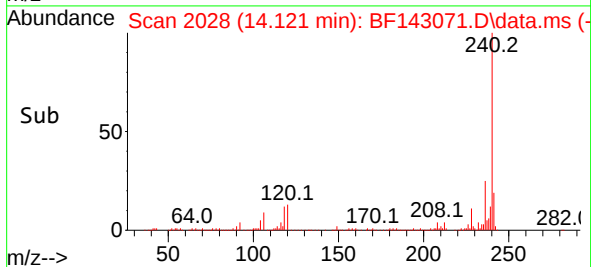
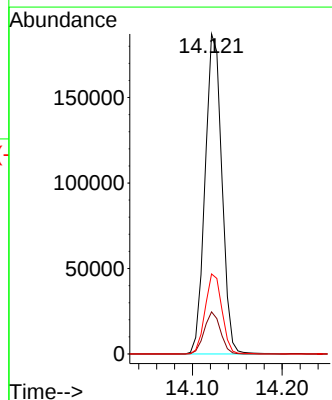
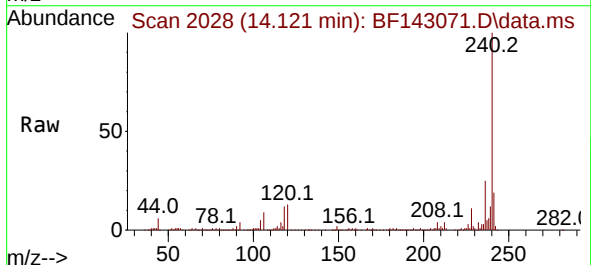
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

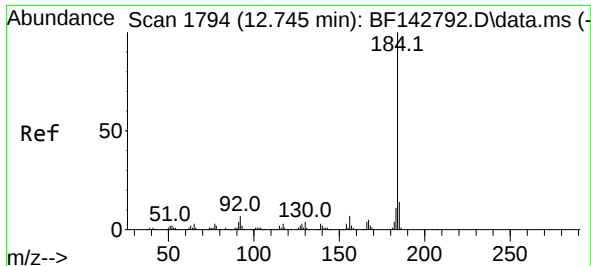
Tgt Ion:202 Resp: 62771  
Ion Ratio Lower Upper  
202 100  
101 12.9 0.0 32.2  
203 17.0 0.0 37.6



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.121 min Scan# 2028  
Delta R.T. -0.006 min  
Lab File: BF143071.D  
Acq: 11 Jul 2025 12:17

Tgt Ion:240 Resp: 242982  
Ion Ratio Lower Upper  
240 100  
120 13.1 9.6 14.4  
236 25.0 19.8 29.6

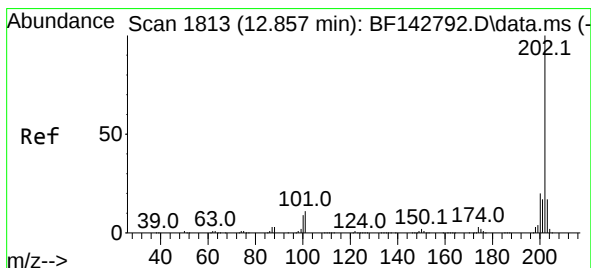
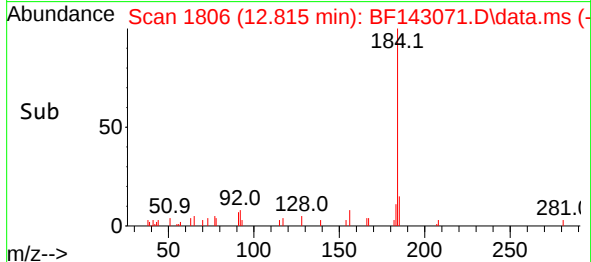
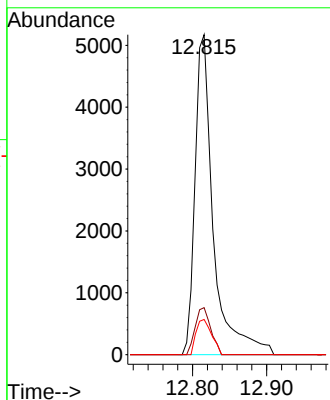
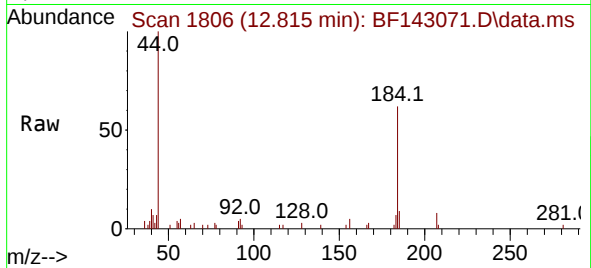




#77  
Benzidine  
Concen: 1.841 ng  
RT: 12.815 min Scan# 1806  
Delta R.T. 0.000 min  
Lab File: BF143071.D  
Acq: 11 Jul 2025 12:17

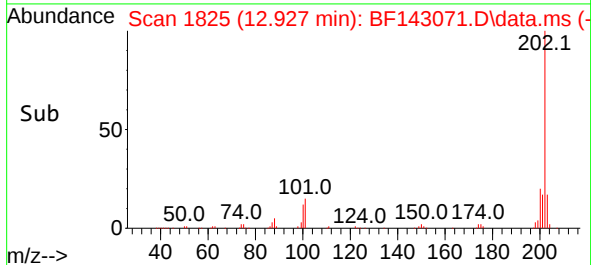
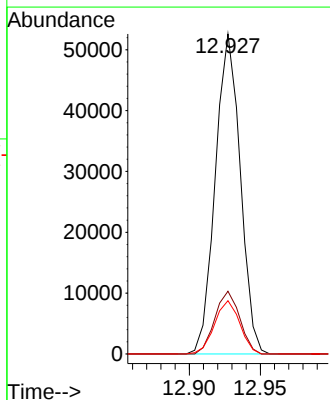
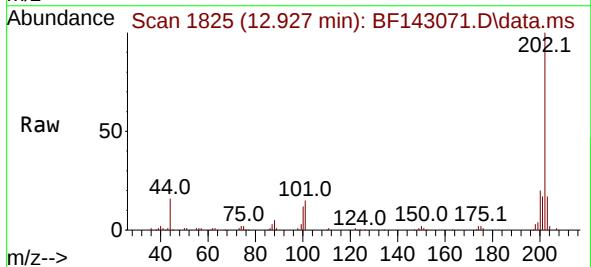
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

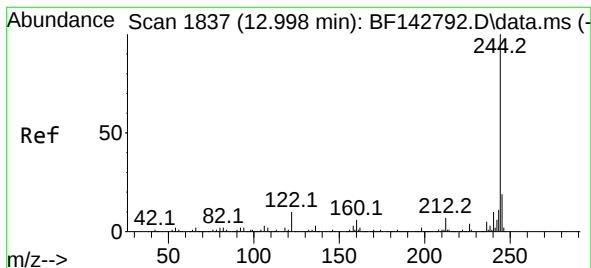
Tgt Ion:184 Resp: 8876  
Ion Ratio Lower Upper  
184 100  
185 14.7 12.1 18.1  
183 11.0 9.2 13.8



#78  
Pyrene  
Concen: 3.021 ng  
RT: 12.927 min Scan# 1825  
Delta R.T. -0.006 min  
Lab File: BF143071.D  
Acq: 11 Jul 2025 12:17

Tgt Ion:202 Resp: 64124  
Ion Ratio Lower Upper  
202 100  
200 19.6 16.5 24.7  
203 16.6 13.9 20.9





#79

Terphenyl-d14

Concen: 5.973 ng

RT: 13.068 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143071.D

Acq: 11 Jul 2025 12:17

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

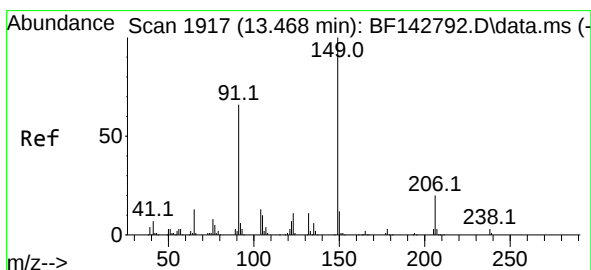
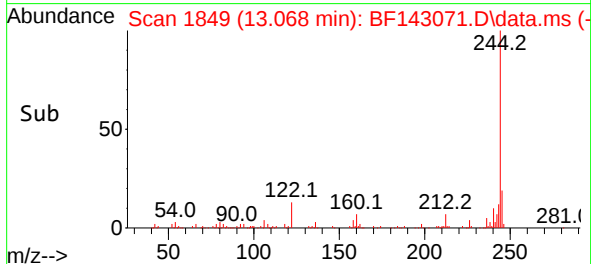
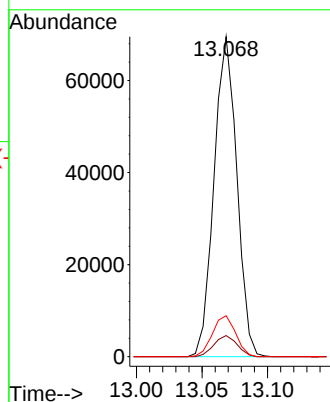
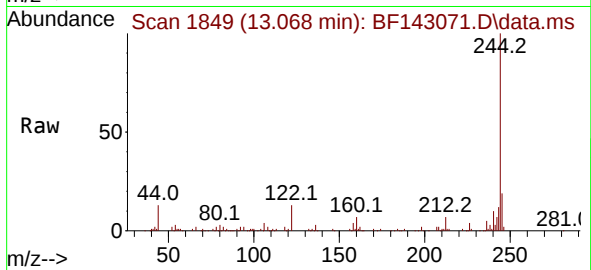
Tgt Ion:244 Resp: 84012

Ion Ratio Lower Upper

244 100

212 6.6 5.5 8.3

122 12.8 9.0 13.4



#80

Butylbenzylphthalate

Concen: 4.554 ng

RT: 13.545 min Scan# 1930

Delta R.T. -0.000 min

Lab File: BF143071.D

Acq: 11 Jul 2025 12:17

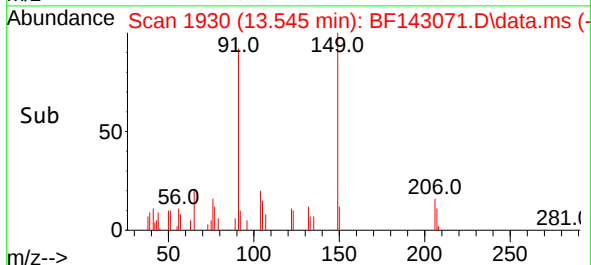
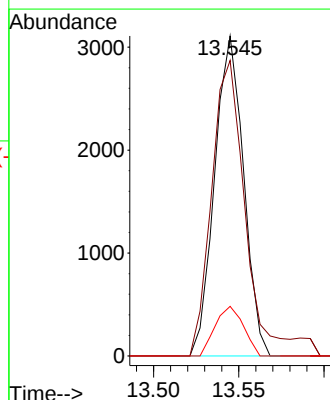
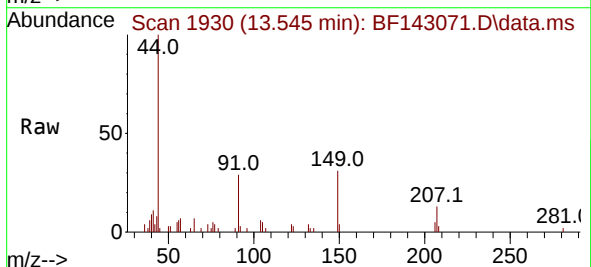
Tgt Ion:149 Resp: 3684

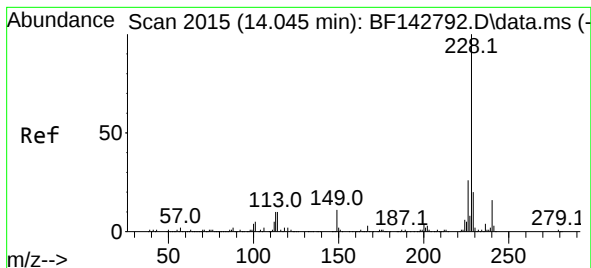
Ion Ratio Lower Upper

149 100

91 92.4 61.5 92.3#

206 15.5 16.2 24.2#





#81

Benzo(a)anthracene

Concen: 2.587 ng

RT: 14.115 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF143071.D

Acq: 11 Jul 2025 12:17

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

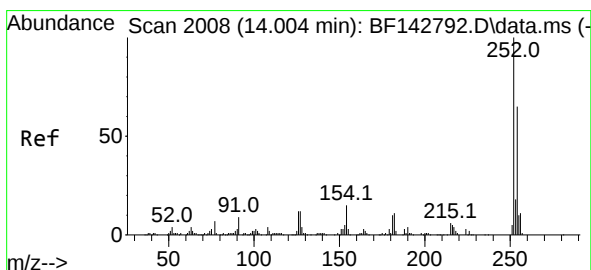
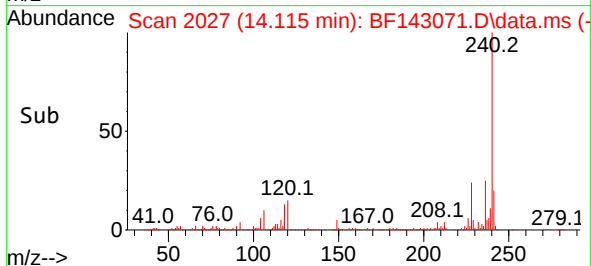
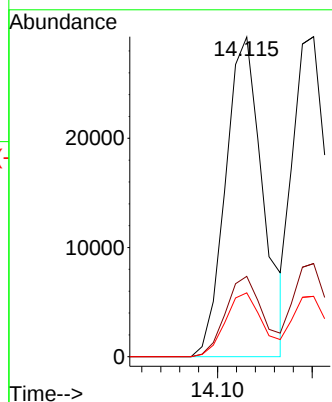
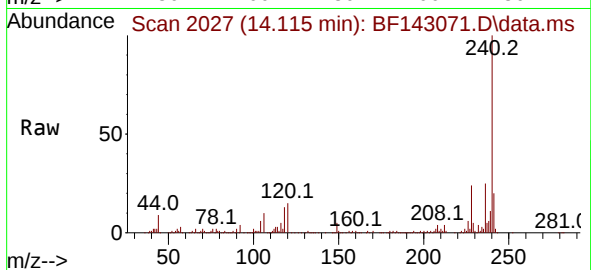
Tgt Ion:228 Resp: 40213

Ion Ratio Lower Upper

228 100

226 25.1 21.1 31.7

229 20.0 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 1.237 ng

RT: 14.074 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF143071.D

Acq: 11 Jul 2025 12:17

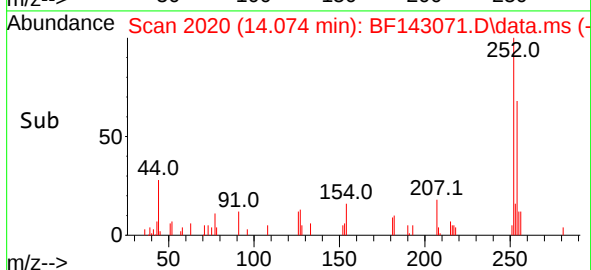
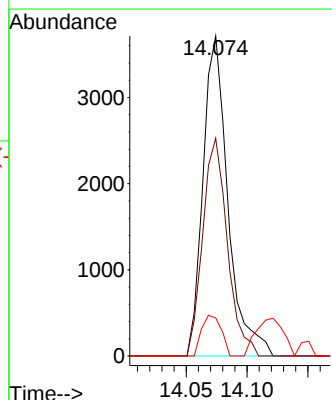
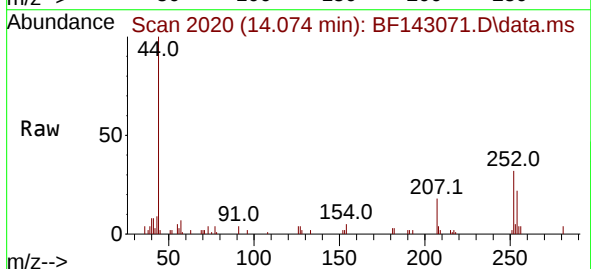
Tgt Ion:252 Resp: 5296

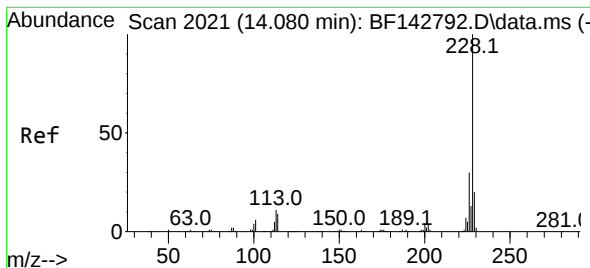
Ion Ratio Lower Upper

252 100

254 68.0 51.2 76.8

126 11.9 10.1 15.1





#83

Chrysene

Concen: 2.513 ng

RT: 14.151 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF143071.D

Acq: 11 Jul 2025 12:17

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

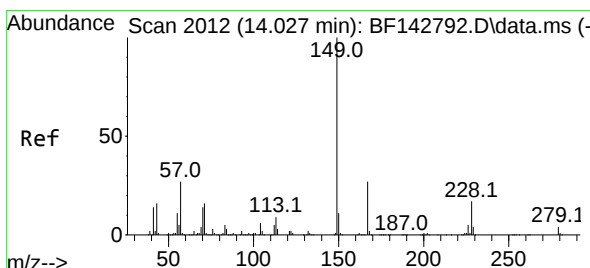
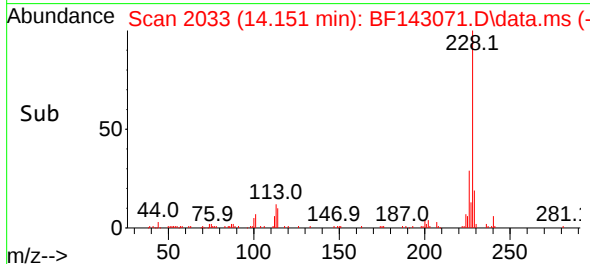
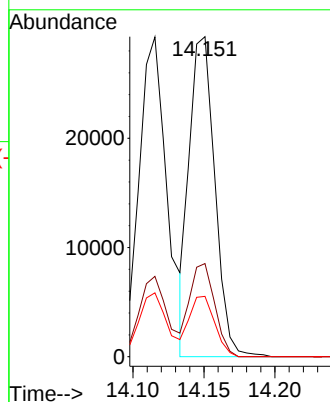
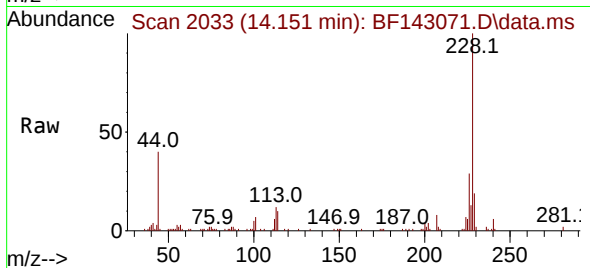
Tgt Ion:228 Resp: 36629

Ion Ratio Lower Upper

228 100

226 29.1 23.4 35.2

229 18.9 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 1.699 ng

RT: 14.110 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BF143071.D

Acq: 11 Jul 2025 12:17

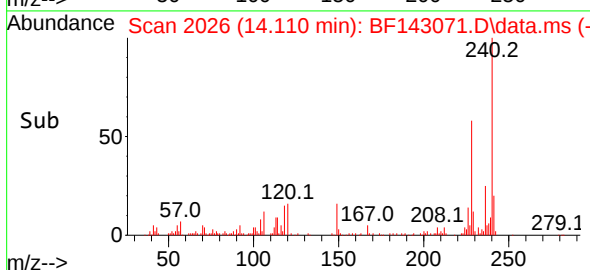
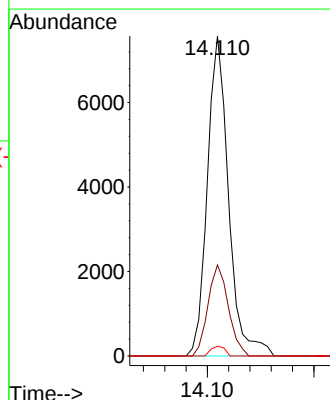
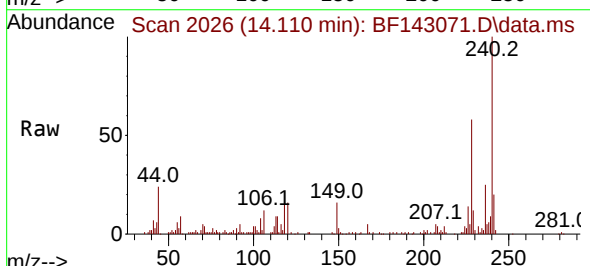
Tgt Ion:149 Resp: 10445

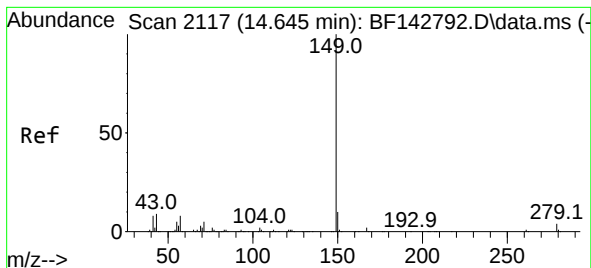
Ion Ratio Lower Upper

149 100

167 28.4 21.9 32.9

279 3.0 3.5 5.3#





#85

Di-n-octyl phthalate

Concen: 7.156 ng

RT: 14.721 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143071.D

Acq: 11 Jul 2025 12:17

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

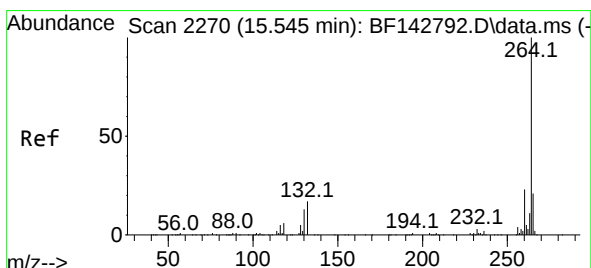
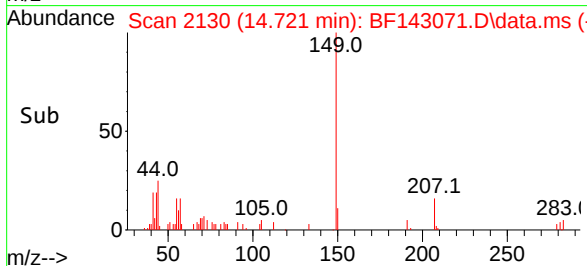
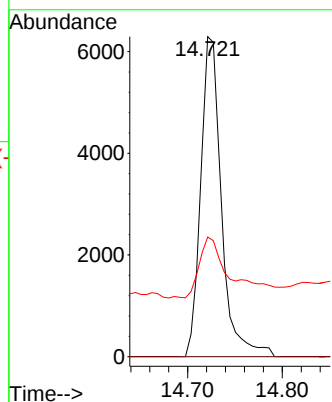
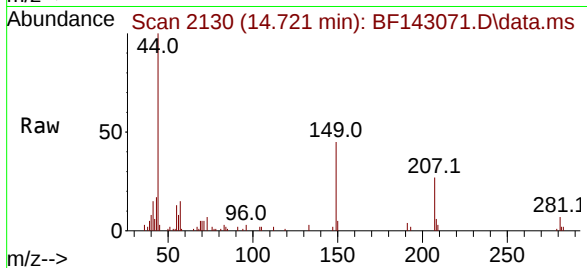
Tgt Ion:149 Resp: 9590

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 29.4 10.7 16.1#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.627 min Scan# 2284

Delta R.T. -0.006 min

Lab File: BF143071.D

Acq: 11 Jul 2025 12:17

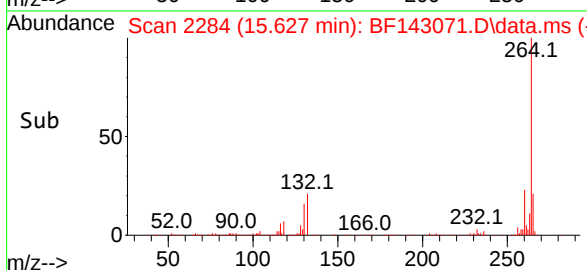
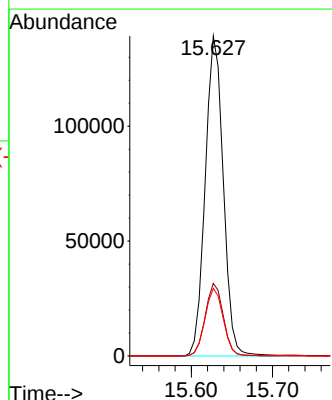
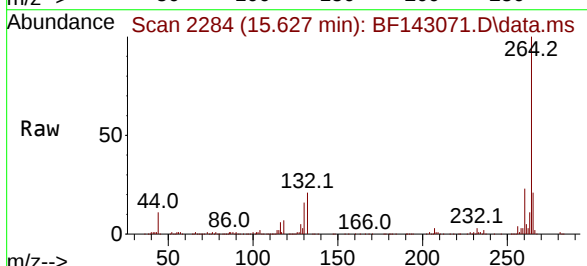
Tgt Ion:264 Resp: 214864

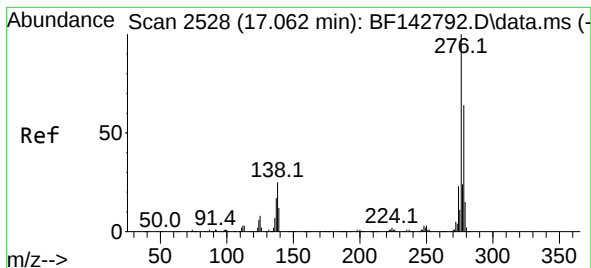
Ion Ratio Lower Upper

264 100

260 22.7 18.6 28.0

265 21.1 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.290 ng

RT: 17.156 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF143071.D

Acq: 11 Jul 2025 12:17

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

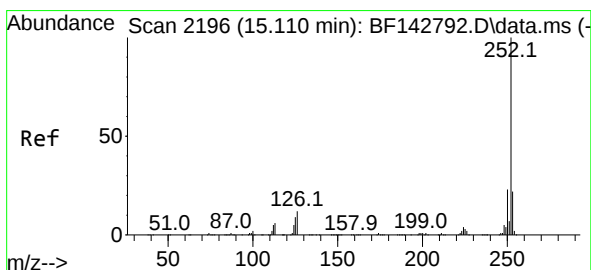
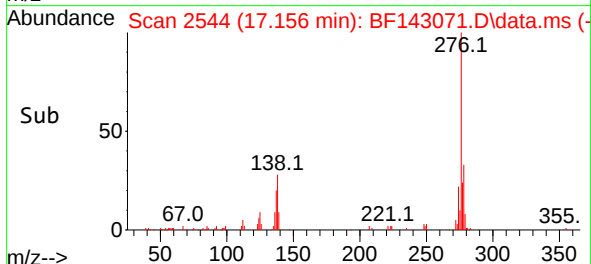
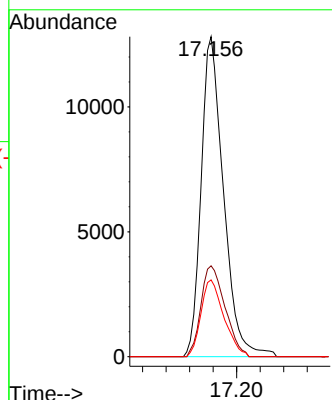
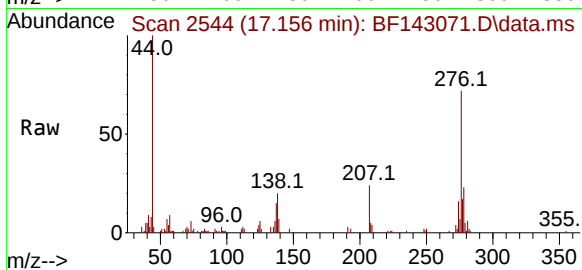
Tgt Ion:276 Resp: 33812

Ion Ratio Lower Upper

276 100

138 30.6 23.8 35.6

277 24.6 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 2.498 ng

RT: 15.180 min Scan# 2208

Delta R.T. -0.006 min

Lab File: BF143071.D

Acq: 11 Jul 2025 12:17

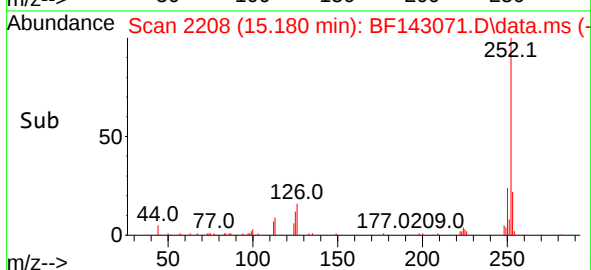
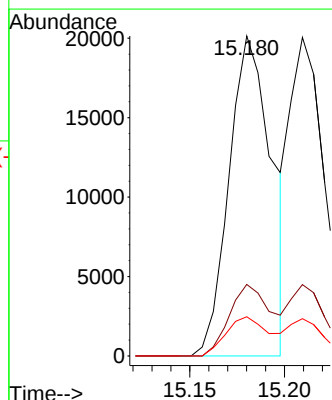
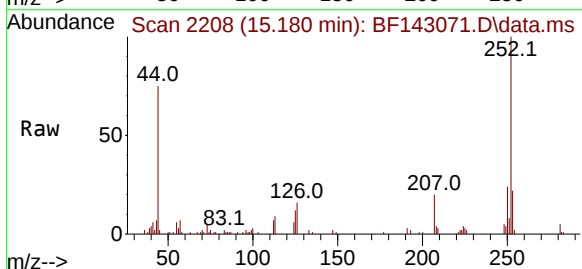
Tgt Ion:252 Resp: 31576

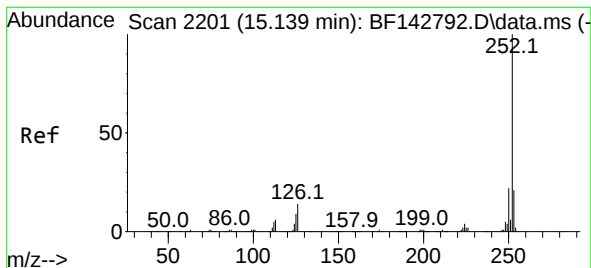
Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 12.2 8.7 13.1





#89

Benzo(k)fluoranthene

Concen: 2.351 ng

RT: 15.209 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143071.D

Acq: 11 Jul 2025 12:17

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

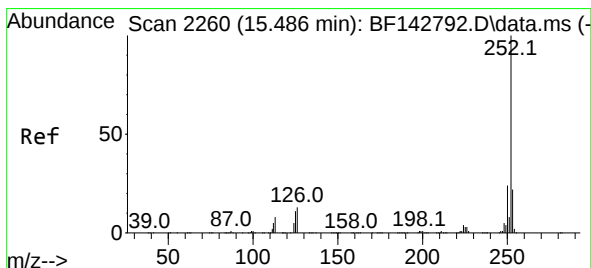
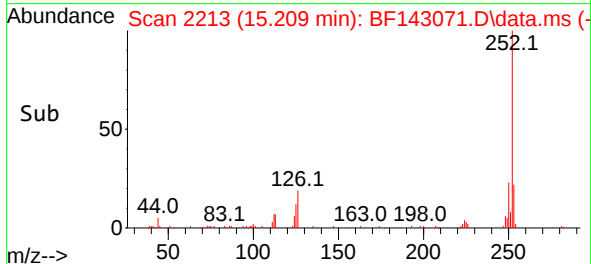
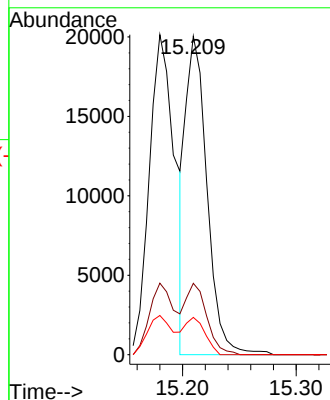
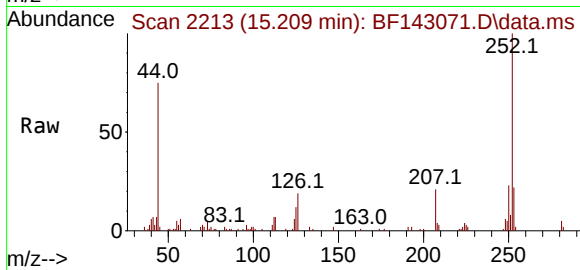
Tgt Ion:252 Resp: 26247

Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

125 11.7 9.0 13.4



#90

Benzo(a)pyrene

Concen: 2.320 ng

RT: 15.562 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF143071.D

Acq: 11 Jul 2025 12:17

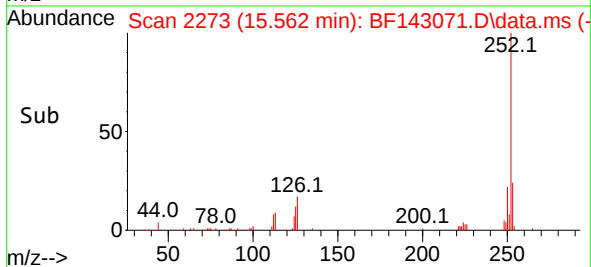
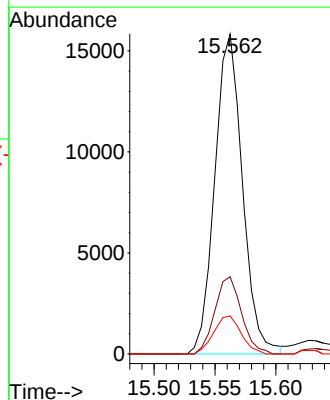
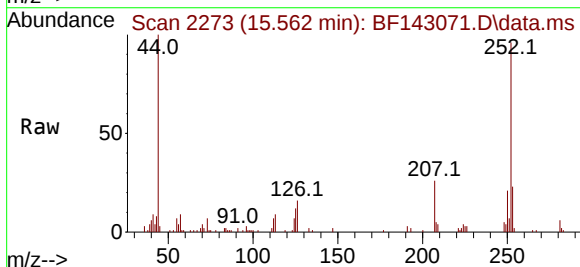
Tgt Ion:252 Resp: 25058

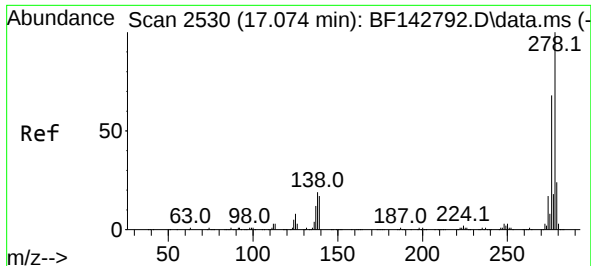
Ion Ratio Lower Upper

252 100

253 24.1 17.8 26.6

125 11.9 9.7 14.5

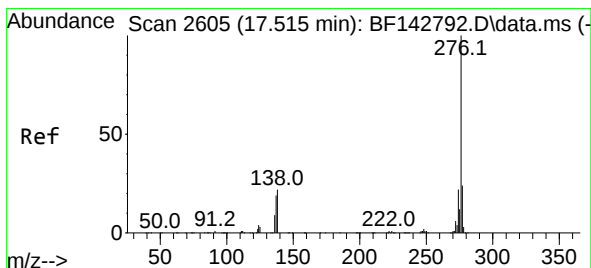
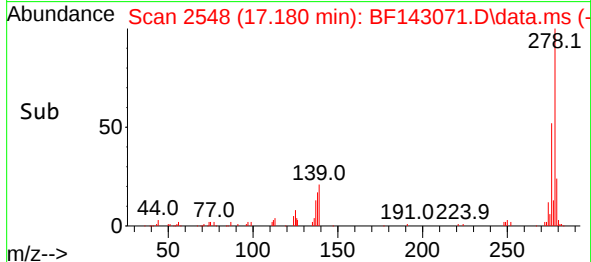
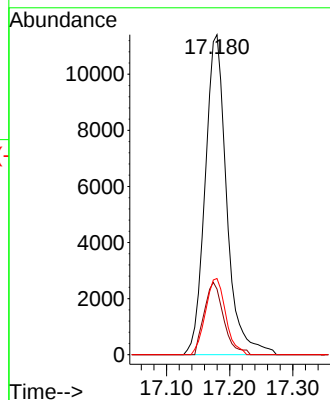
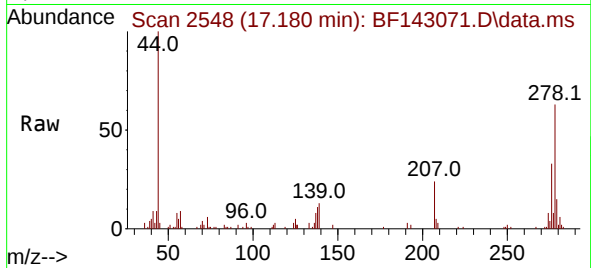




#91  
Dibenzo(a,h)anthracene  
Concen: 2.242 ng  
RT: 17.180 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BF143071.D  
Acq: 11 Jul 2025 12:17

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

Tgt Ion:278 Resp: 27031  
Ion Ratio Lower Upper  
278 100  
139 20.5 15.0 22.6  
279 23.8 18.9 28.3



#92  
Benzo(g,h,i)perylene  
Concen: 2.295 ng  
RT: 17.615 min Scan# 2622  
Delta R.T. -0.024 min  
Lab File: BF143071.D  
Acq: 11 Jul 2025 12:17

Tgt Ion:276 Resp: 29104  
Ion Ratio Lower Upper  
276 100  
277 23.7 18.6 27.8  
138 28.1 20.5 30.7

