

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF031825\  
 Data File : BF141994.D  
 Acq On : 18 Mar 2025 14:30  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

Quant Time: Mar 18 15:34:24 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF031025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 10 15:46:22 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.881  | 152  | 239989   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.163  | 136  | 894289   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.916  | 164  | 481669   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.404 | 188  | 753053   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.045 | 240  | 494707   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.515 | 264  | 535575   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.493  | 112  | 1088701  | 75.712 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.510  | 99   | 1339379  | 73.157 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.445  | 82   | 1228373  | 77.299 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.710 | 330  | 480221   | 78.588 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.239  | 172  | 2430888  | 76.752 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.986 | 244  | 2285237  | 68.295 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.658  | 88   | 229297   | 38.057 | ng    | 98       |
| 3) Pyridine                   | 3.428  | 79   | 555865   | 37.612 | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.381  | 42   | 262003   | 37.190 | ng    | 97       |
| 6) Aniline                    | 6.545  | 93   | 616639   | 34.142 | ng    | 100      |
| 8) 2-Chlorophenol             | 6.669  | 128  | 596390   | 37.396 | ng    | 99       |
| 9) Benzaldehyde               | 6.434  | 77   | 354098   | 34.582 | ng    | 100      |
| 10) Phenol                    | 6.522  | 94   | 698267   | 36.253 | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 6.616  | 93   | 524685   | 36.278 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.822  | 146  | 654548   | 38.016 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.898  | 146  | 664498   | 38.144 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.051  | 146  | 624373   | 38.052 | ng    | 99       |
| 15) Benzyl Alcohol            | 7.022  | 79   | 535087   | 36.151 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.157  | 45   | 585125   | 33.511 | ng    | 99       |
| 17) 2-Methylphenol            | 7.128  | 107  | 460305   | 36.301 | ng    | 99       |
| 18) Hexachloroethane          | 7.393  | 117  | 248095   | 37.978 | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 7.298  | 70   | 390501   | 33.194 | ng    | 100      |
| 20) 3+4-Methylphenols         | 7.287  | 107  | 569983   | 35.093 | ng    | # 82     |
| 22) Acetophenone              | 7.293  | 105  | 795173   | 37.130 | ng    | 99       |
| 24) Nitrobenzene              | 7.463  | 77   | 609535   | 38.584 | ng    | 99       |
| 25) Isophorone                | 7.704  | 82   | 1015352  | 36.146 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.775  | 139  | 322094   | 41.542 | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 7.810  | 122  | 404431   | 37.881 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.910  | 93   | 640168   | 36.335 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.016  | 162  | 506941   | 38.255 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.104  | 180  | 568900   | 38.955 | ng    | 99       |
| 31) Naphthalene               | 8.187  | 128  | 1713566  | 37.302 | ng    | 100      |
| 32) Benzoic acid              | 7.934  | 122  | 408684   | 43.547 | ng    | 98       |
| 33) 4-Chloroaniline           | 8.234  | 127  | 564371   | 34.802 | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.298  | 225  | 385746   | 40.503 | ng    | 99       |
| 35) Caprolactam               | 8.610  | 113  | 143835   | 35.601 | ng    | 92       |
| 36) 4-Chloro-3-methylphenol   | 8.710  | 107  | 540509   | 36.564 | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.875  | 142  | 1127917  | 36.733 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.975  | 142  | 1081329  | 36.494 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.039  | 216  | 587599   | 40.068 | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 9.028  | 237  | 244958   | 42.681 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.151  | 196  | 380905   | 39.744 | ng    | 99       |

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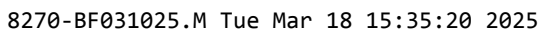
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

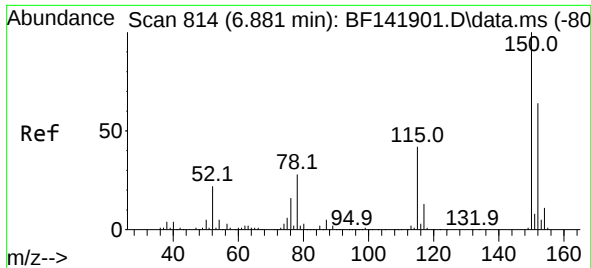
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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.187  | 196  | 384465   | 39.608 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.339  | 154  | 1408867  | 38.496 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.363  | 162  | 1054546  | 38.659 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.457  | 65   | 298838   | 37.836 | ng    | 97       |
| 49) Acenaphthylene            | 9.781  | 152  | 1540693  | 38.061 | ng    | 100      |
| 50) Dimethylphthalate         | 9.639  | 163  | 1242811  | 36.846 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.698  | 165  | 269332   | 38.350 | ng    | 96       |
| 52) Acenaphthene              | 9.951  | 154  | 1105127  | 38.848 | ng    | 100      |
| 53) 3-Nitroaniline            | 9.869  | 138  | 262837   | 36.895 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 9.975  | 184  | 159837   | 43.339 | ng    | # 48     |
| 55) Dibenzofuran              | 10.122 | 168  | 1517598  | 37.335 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.022 | 139  | 209611   | 39.017 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 10.104 | 165  | 350210   | 38.180 | ng    | 97       |
| 58) Fluorene                  | 10.469 | 166  | 1148628  | 36.643 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.239 | 232  | 343368   | 38.874 | ng    | 97       |
| 60) Diethylphthalate          | 10.339 | 149  | 1213997  | 36.095 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.457 | 204  | 610782   | 37.374 | ng    | 98       |
| 62) 4-Nitroaniline            | 10.481 | 138  | 254062   | 36.632 | ng    | 99       |
| 63) Azobenzene                | 10.616 | 77   | 1119869  | 35.814 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.510 | 198  | 203861   | 45.411 | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 10.575 | 169  | 969171   | 39.770 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.945 | 248  | 384478   | 40.653 | ng    | 99       |
| 68) Hexachlorobenzene         | 11.016 | 284  | 427155   | 41.181 | ng    | 94       |
| 69) Atrazine                  | 11.098 | 200  | 247359   | 33.111 | ng    | 99       |
| 70) Pentachlorophenol         | 11.204 | 266  | 271416   | 42.469 | ng    | 99       |
| 71) Phenanthrene              | 11.428 | 178  | 1567239  | 38.531 | ng    | 99       |
| 72) Anthracene                | 11.480 | 178  | 1548481  | 37.946 | ng    | 100      |
| 73) Carbazole                 | 11.633 | 167  | 1293169  | 36.745 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.963 | 149  | 1654382  | 35.428 | ng    | 100      |
| 75) Fluoranthene              | 12.616 | 202  | 1487447  | 34.474 | ng    | 99       |
| 77) Benzidine                 | 12.733 | 184  | 268003   | 38.829 | ng    | 99       |
| 78) Pyrene                    | 12.845 | 202  | 1460125  | 34.121 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.457 | 149  | 584716   | 34.910 | ng    | 99       |
| 81) Benzo(a)anthracene        | 14.033 | 228  | 1243808  | 38.315 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.992 | 252  | 408051   | 43.496 | ng    | 100      |
| 83) Chrysene                  | 14.069 | 228  | 1140228  | 38.748 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 14.016 | 149  | 850191   | 36.815 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.633 | 149  | 1398724  | 43.530 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.015 | 276  | 1385704  | 39.997 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.086 | 252  | 1250628  | 34.071 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 15.116 | 252  | 1163553  | 37.042 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.457 | 252  | 1085663  | 37.800 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.033 | 278  | 1145269  | 40.065 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.468 | 276  | 1125885  | 39.857 | ng    | 98       |

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

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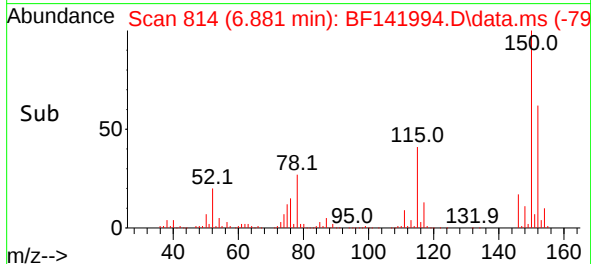
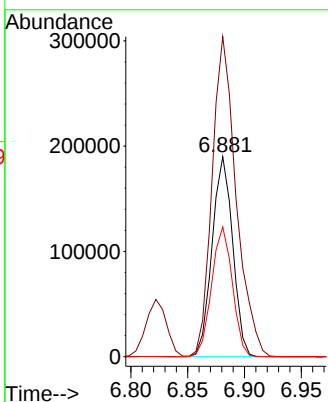
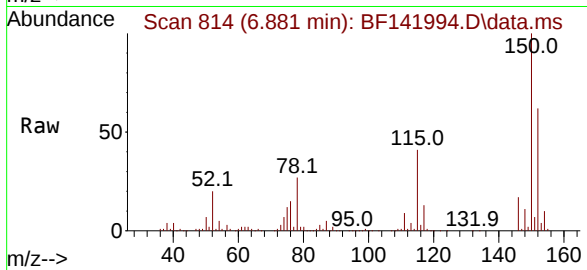




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.881 min Scan# 814  
 Delta R.T. -0.000 min  
 Lab File: BF141994.D  
 Acq: 18 Mar 2025 14:30

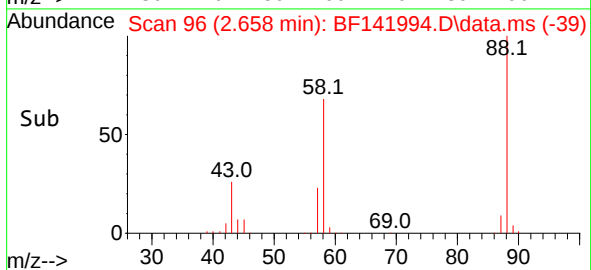
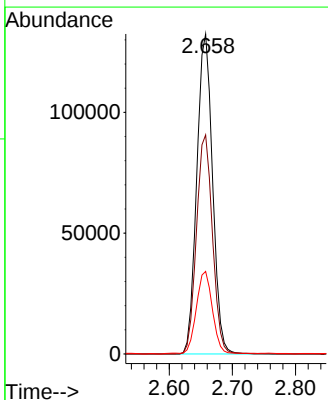
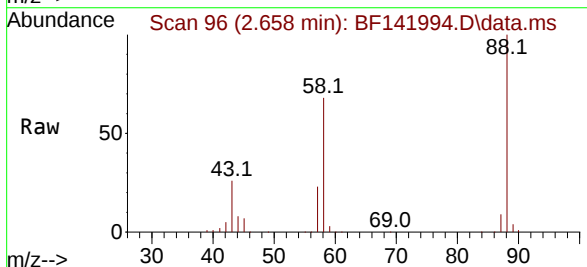
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

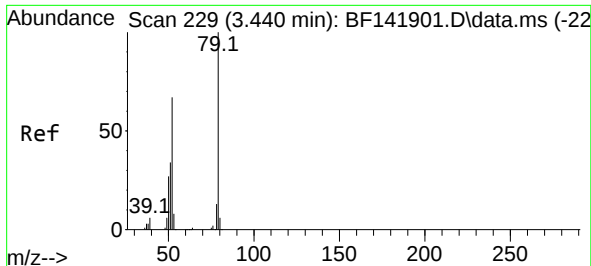
Tgt Ion:152 Resp: 239989  
 Ion Ratio Lower Upper  
 152 100  
 150 160.0 127.4 191.2  
 115 64.9 51.9 77.9



#2  
 1,4-Dioxane  
 Concen: 38.057 ng  
 RT: 2.658 min Scan# 96  
 Delta R.T. -0.017 min  
 Lab File: BF141994.D  
 Acq: 18 Mar 2025 14:30

Tgt Ion: 88 Resp: 229297  
 Ion Ratio Lower Upper  
 88 100  
 58 69.3 57.4 86.2  
 43 26.7 21.5 32.3





#3

Pyridine

Concen: 37.612 ng

RT: 3.428 min Scan# 219

Delta R.T. -0.012 min

Lab File: BF141994.D

Acq: 18 Mar 2025 14:30

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

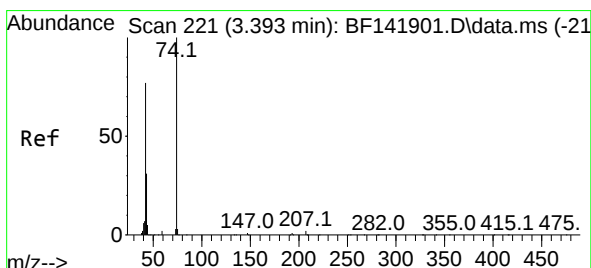
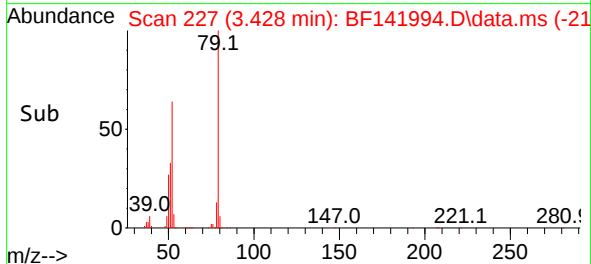
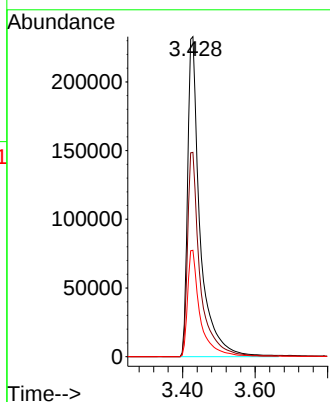
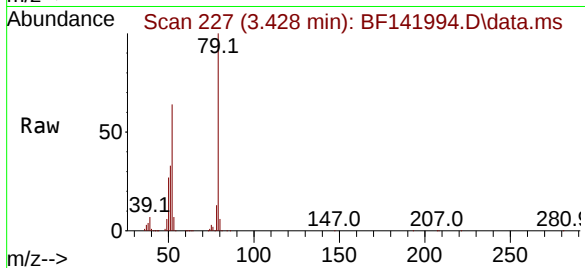
Tgt Ion: 79 Resp: 555865

Ion Ratio Lower Upper

79 100

52 63.9 53.3 79.9

51 33.2 27.6 41.4



#4

n-Nitrosodimethylamine

Concen: 37.190 ng

RT: 3.381 min Scan# 219

Delta R.T. -0.012 min

Lab File: BF141994.D

Acq: 18 Mar 2025 14:30

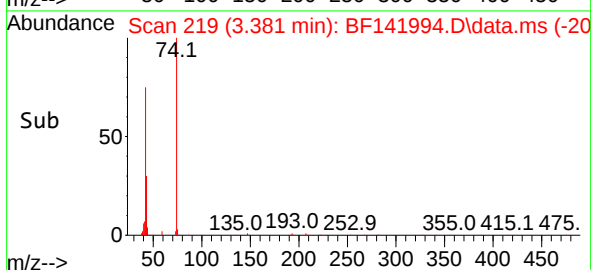
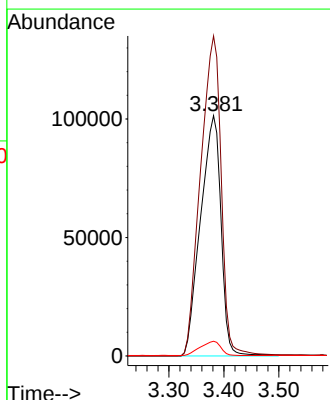
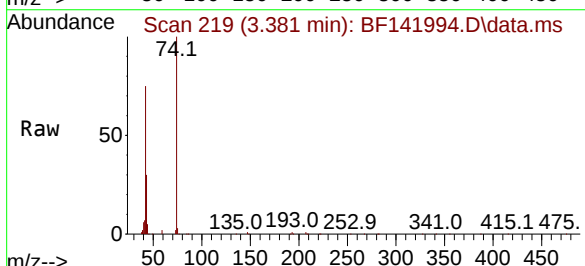
Tgt Ion: 42 Resp: 262003

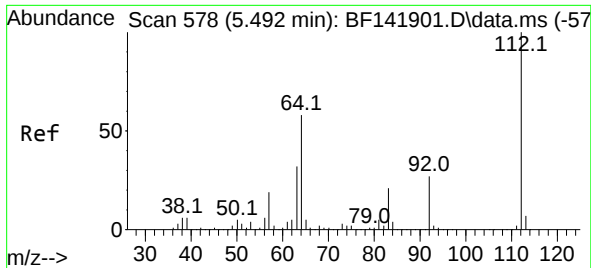
Ion Ratio Lower Upper

42 100

74 133.2 103.4 155.0

44 6.2 5.0 7.4

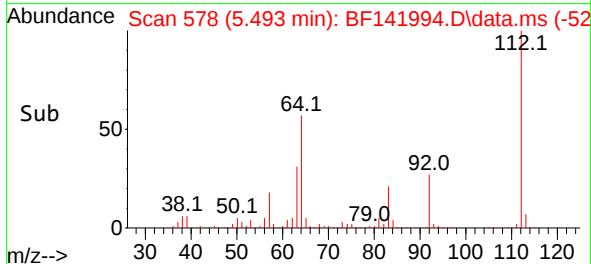
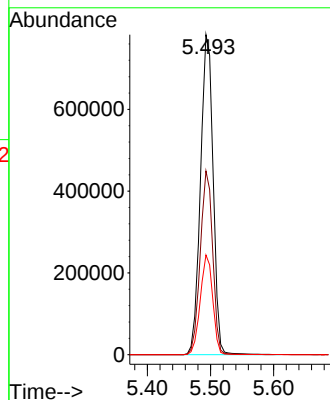
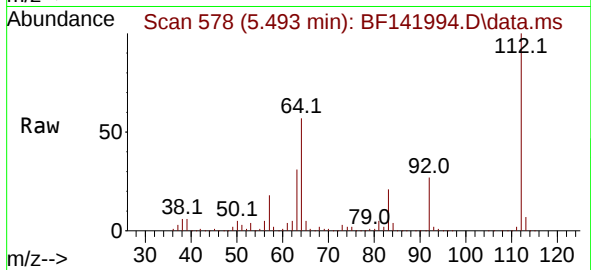




#5  
2-Fluorophenol  
Concen: 75.712 ng  
RT: 5.493 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: BF141994.D  
Acq: 18 Mar 2025 14:30

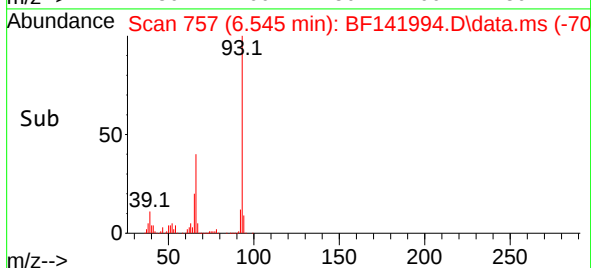
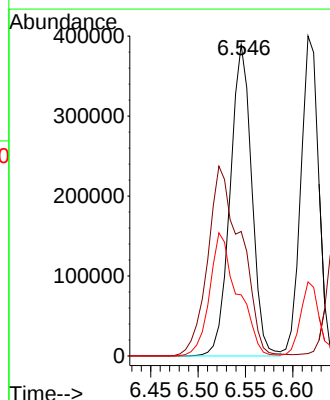
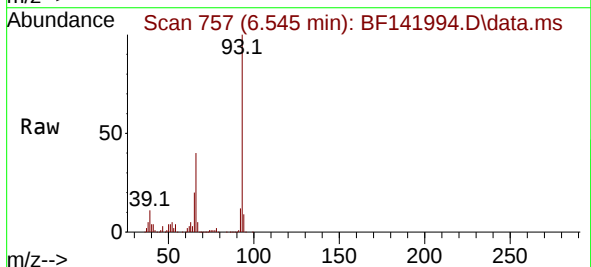
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Tgt Ion:112 Resp: 1088701  
Ion Ratio Lower Upper  
112 100  
64 57.4 46.5 69.7  
63 31.2 25.4 38.2



#6  
Aniline  
Concen: 34.142 ng  
RT: 6.545 min Scan# 757  
Delta R.T. 0.000 min  
Lab File: BF141994.D  
Acq: 18 Mar 2025 14:30

Tgt Ion: 93 Resp: 616639  
Ion Ratio Lower Upper  
93 100  
66 40.0 31.9 47.9  
65 19.7 15.8 23.6

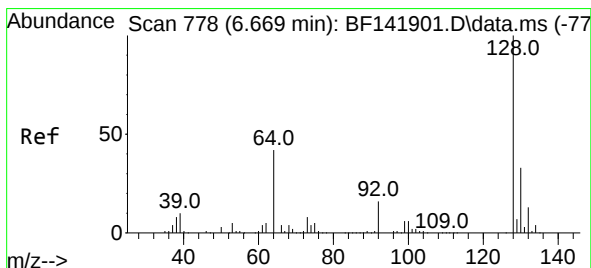
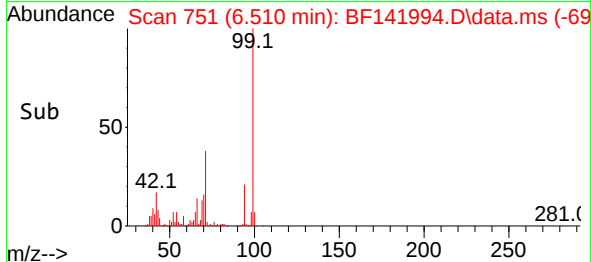
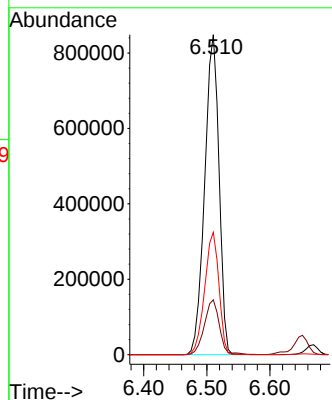
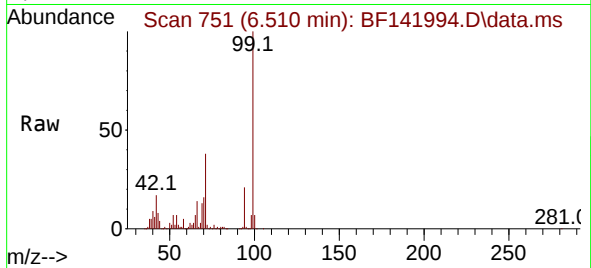




#7  
Phenol-d6  
Concen: 73.157 ng  
RT: 6.510 min Scan# 751  
Delta R.T. 0.006 min  
Lab File: BF141994.D  
Acq: 18 Mar 2025 14:30

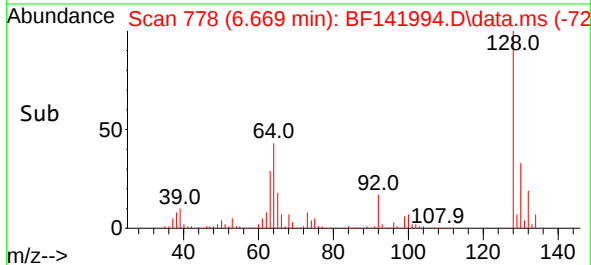
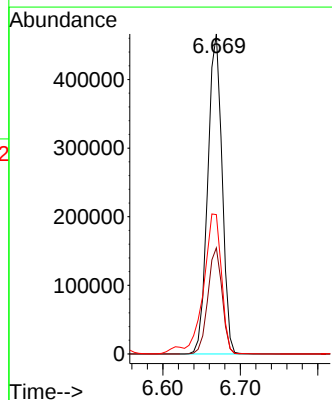
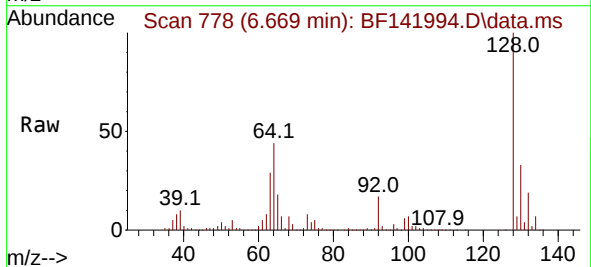
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion: 99 Resp: 1339379  
Ion Ratio Lower Upper  
99 100  
42 17.2 14.6 21.8  
71 38.2 30.8 46.2



#8  
2-Chlorophenol  
Concen: 37.396 ng  
RT: 6.669 min Scan# 778  
Delta R.T. 0.000 min  
Lab File: BF141994.D  
Acq: 18 Mar 2025 14:30

Tgt Ion:128 Resp: 596390  
Ion Ratio Lower Upper  
128 100  
130 33.2 12.8 52.8  
64 43.5 24.4 64.4

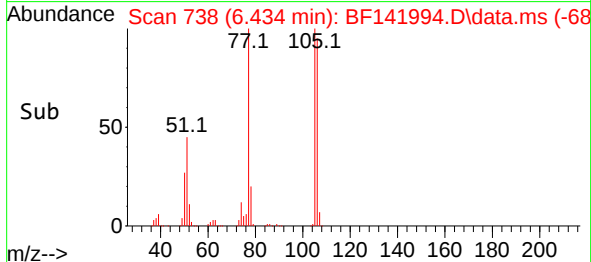
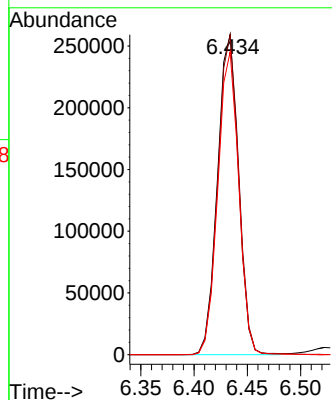
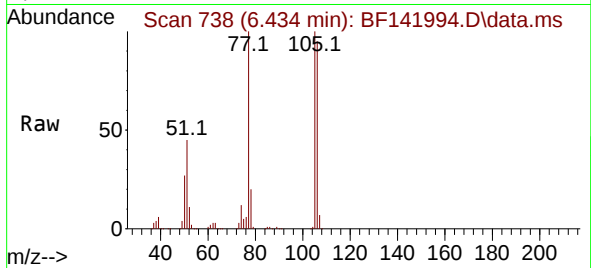




#9  
Benzaldehyde  
Concen: 34.582 ng  
RT: 6.434 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BF141994.D  
Acq: 18 Mar 2025 14:30

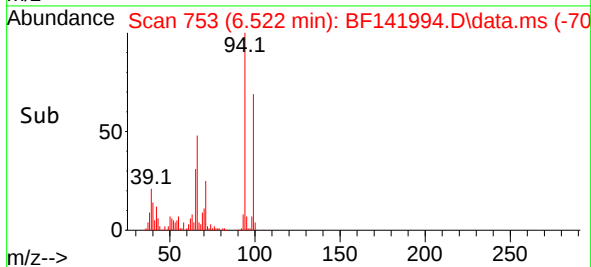
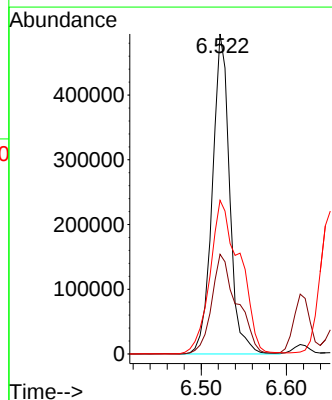
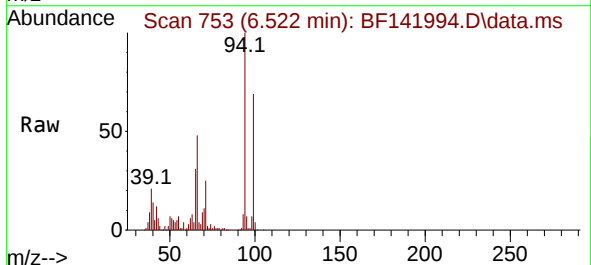
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ClientSampleId :  
SSTDCCC040EC

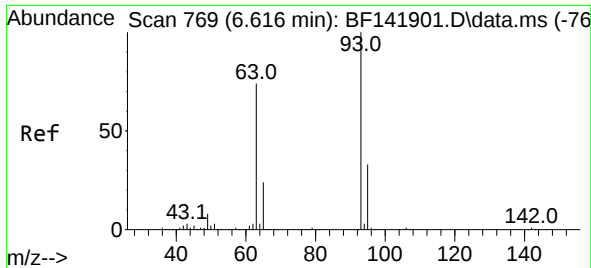
Tgt Ion: 77 Resp: 354098  
Ion Ratio Lower Upper  
77 100  
105 99.9 80.0 120.0  
106 94.6 74.5 114.5



#10  
Phenol  
Concen: 36.253 ng  
RT: 6.522 min Scan# 753  
Delta R.T. 0.000 min  
Lab File: BF141994.D  
Acq: 18 Mar 2025 14:30

Tgt Ion: 94 Resp: 698267  
Ion Ratio Lower Upper  
94 100  
65 31.1 10.5 50.5  
66 48.0 25.8 65.8

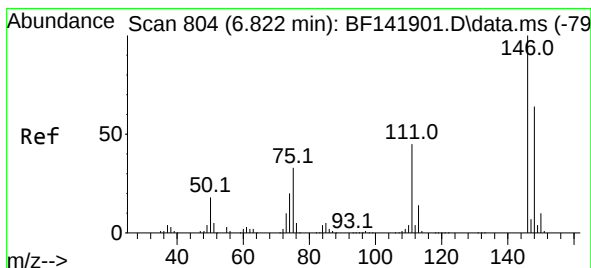
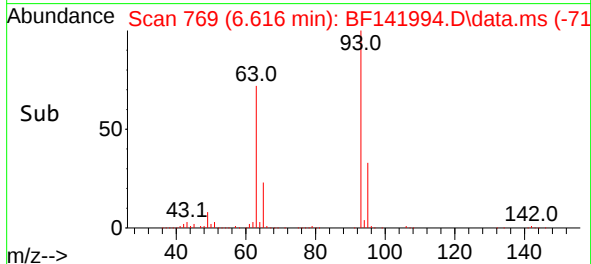
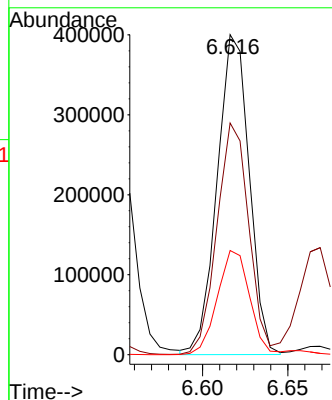
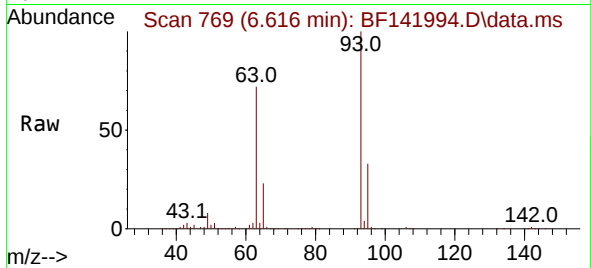




#11  
bis(2-Chloroethyl)ether  
Concen: 36.278 ng  
RT: 6.616 min Scan# 769  
Delta R.T. 0.000 min  
Lab File: BF141994.D  
Acq: 18 Mar 2025 14:30

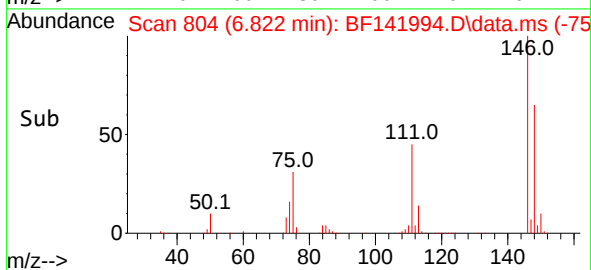
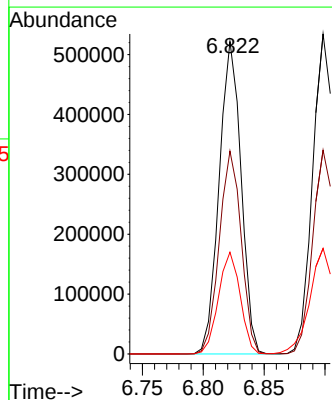
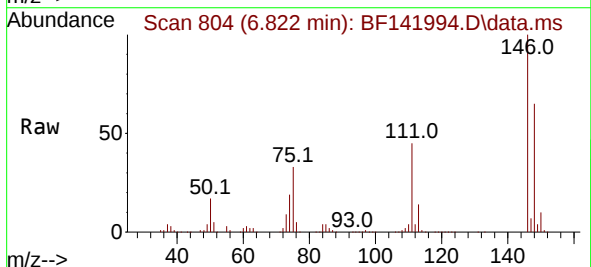
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion: 93 Resp: 524685  
Ion Ratio Lower Upper  
93 100  
63 72.4 53.0 93.0  
95 32.6 12.9 52.9



#12  
1,3-Dichlorobenzene  
Concen: 38.016 ng  
RT: 6.822 min Scan# 804  
Delta R.T. 0.000 min  
Lab File: BF141994.D  
Acq: 18 Mar 2025 14:30

Tgt Ion:146 Resp: 654548  
Ion Ratio Lower Upper  
146 100  
148 64.9 51.3 76.9  
75 32.5 26.6 40.0

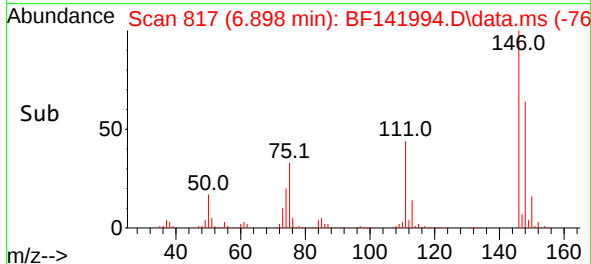
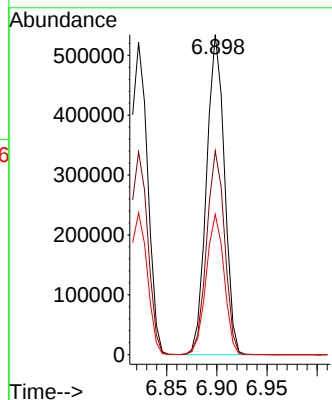
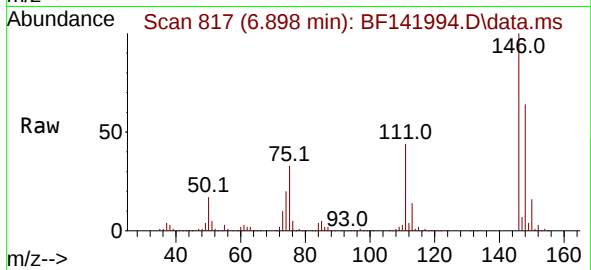




#13  
1,4-Dichlorobenzene  
Concen: 38.144 ng  
RT: 6.898 min Scan# 817  
Delta R.T. 0.000 min  
Lab File: BF141994.D  
Acq: 18 Mar 2025 14:30

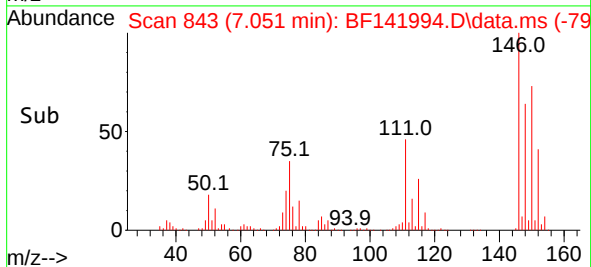
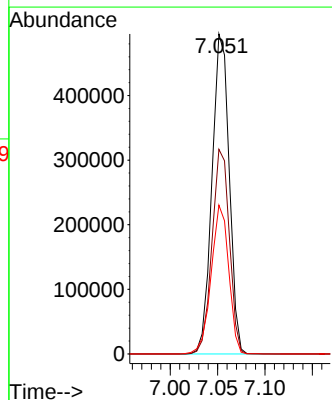
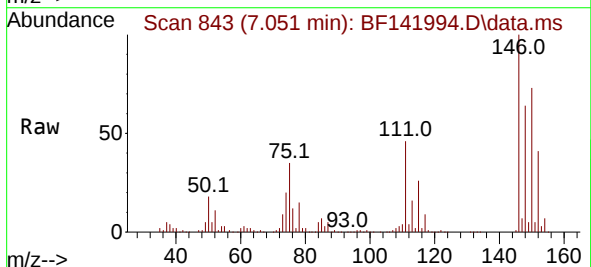
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion:146 Resp: 664498  
Ion Ratio Lower Upper  
146 100  
148 63.7 51.0 76.6  
111 43.9 35.7 53.5



#14  
1,2-Dichlorobenzene  
Concen: 38.052 ng  
RT: 7.051 min Scan# 843  
Delta R.T. 0.000 min  
Lab File: BF141994.D  
Acq: 18 Mar 2025 14:30

Tgt Ion:146 Resp: 624373  
Ion Ratio Lower Upper  
146 100  
148 63.9 50.8 76.2  
111 46.5 38.0 57.0

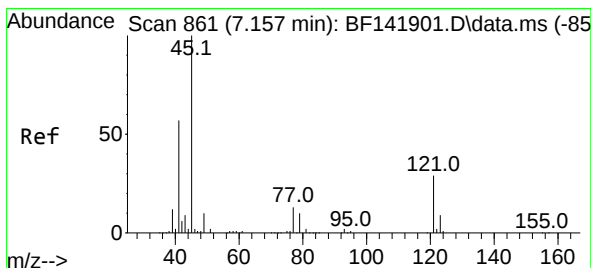
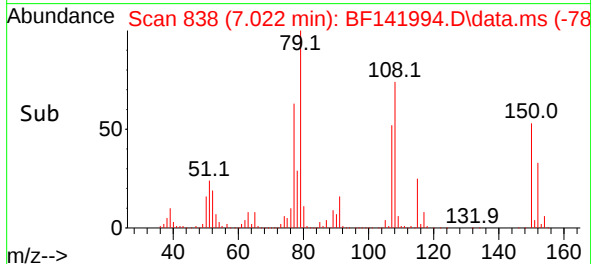
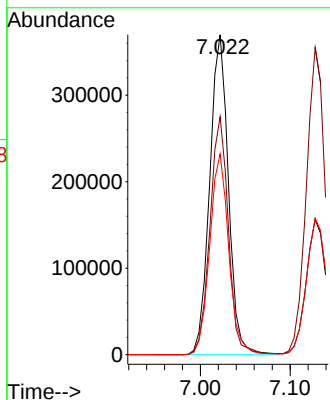
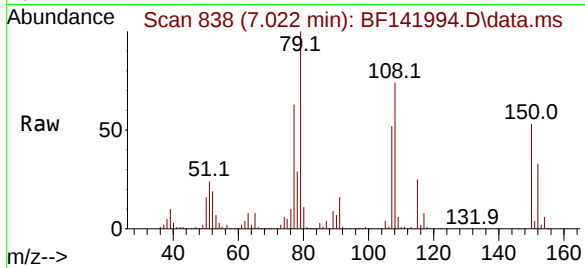




#15  
Benzyl Alcohol  
Concen: 36.151 ng  
RT: 7.022 min Scan# 811  
Delta R.T. 0.000 min  
Lab File: BF141994.D  
Acq: 18 Mar 2025 14:30

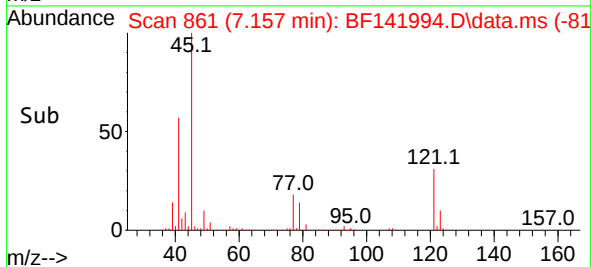
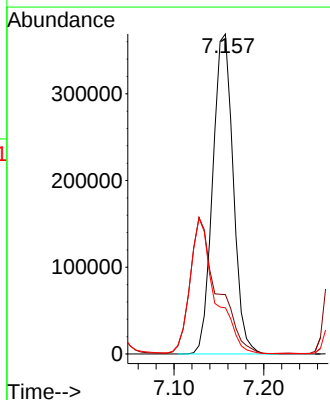
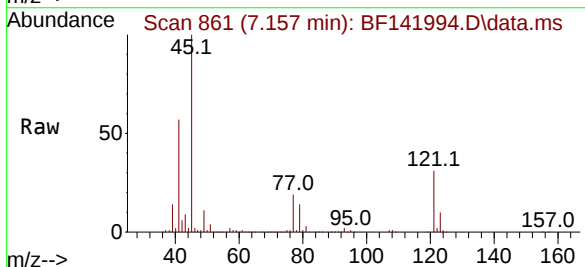
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

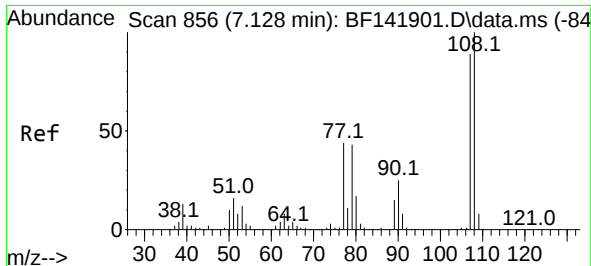
Tgt Ion: 79 Resp: 535087  
Ion Ratio Lower Upper  
79 100  
108 74.4 59.7 89.5  
77 62.8 51.0 76.6



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 33.511 ng  
RT: 7.157 min Scan# 861  
Delta R.T. 0.000 min  
Lab File: BF141994.D  
Acq: 18 Mar 2025 14:30

Tgt Ion: 45 Resp: 585125  
Ion Ratio Lower Upper  
45 100  
77 18.6 0.0 37.8  
79 14.5 0.0 34.2

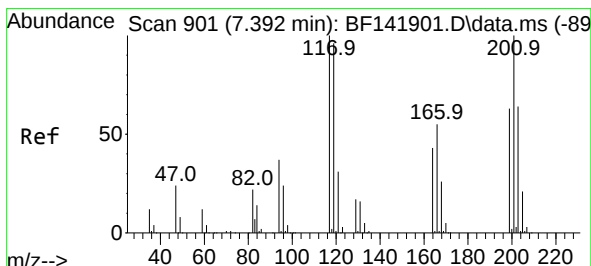
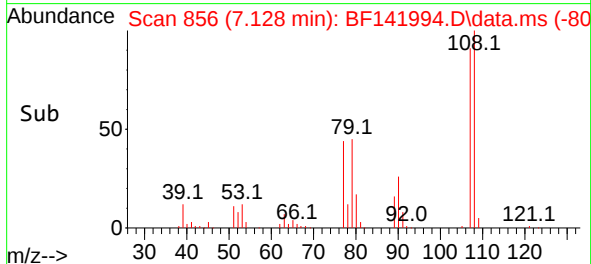
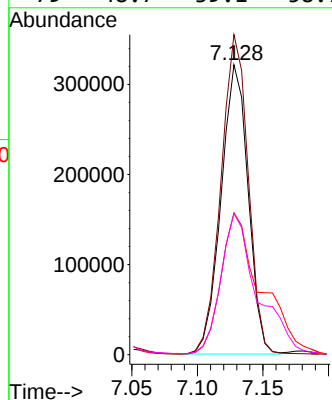
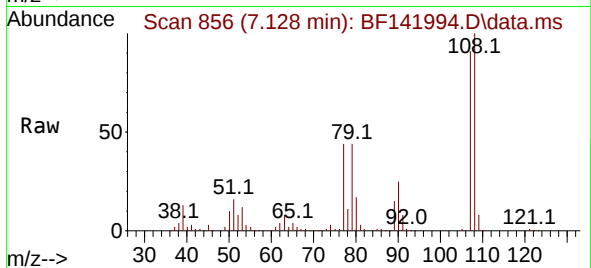




#17  
2-Methylphenol  
Concen: 36.301 ng  
RT: 7.128 min Scan# 856  
Delta R.T. 0.000 min  
Lab File: BF141994.D  
Acq: 18 Mar 2025 14:30

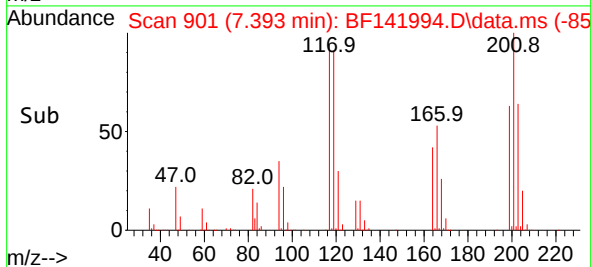
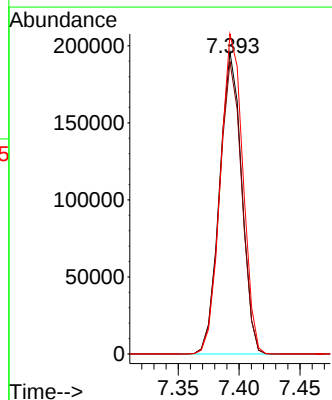
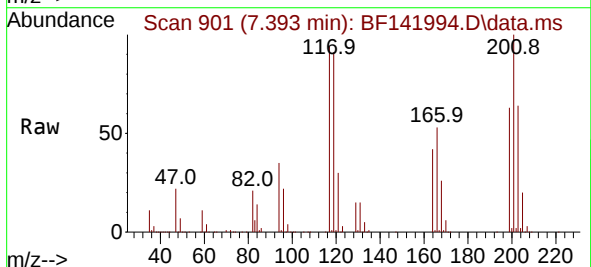
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 460305 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 110.4 | 90.2  | 135.2  |
| 77       | 49.0  | 39.6  | 59.4   |
| 79       | 48.7  | 39.1  | 58.7   |



#18  
Hexachloroethane  
Concen: 37.978 ng  
RT: 7.393 min Scan# 901  
Delta R.T. 0.000 min  
Lab File: BF141994.D  
Acq: 18 Mar 2025 14:30

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 248095 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 96.7  | 76.9  | 115.3  |
| 201      | 105.9 | 79.9  | 119.9  |



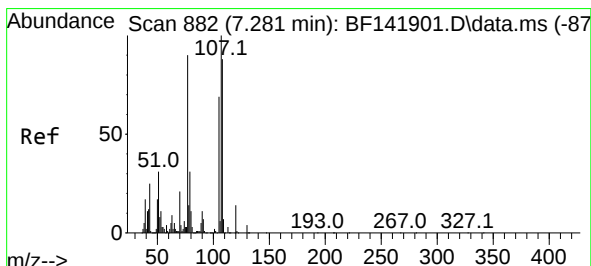
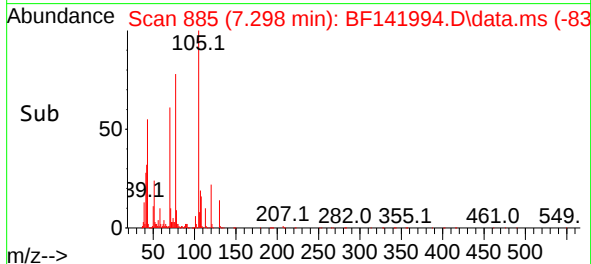
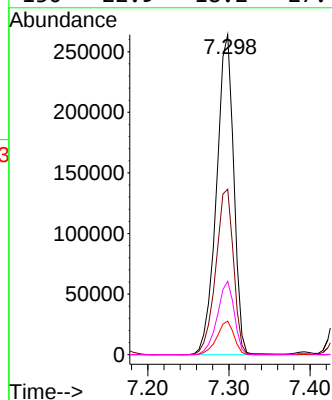
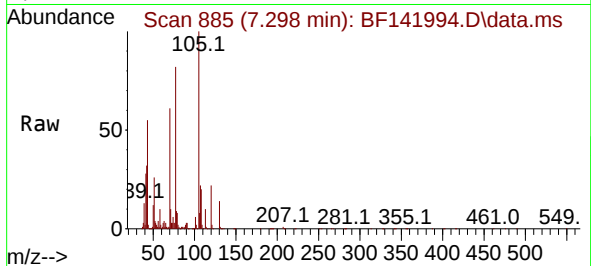


#19  
n-Nitroso-di-n-propylamine  
Concen: 33.194 ng  
RT: 7.298 min Scan# 885  
Delta R.T. 0.000 min  
Lab File: BF141994.D  
Acq: 18 Mar 2025 14:30

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion: 70 Resp: 390501

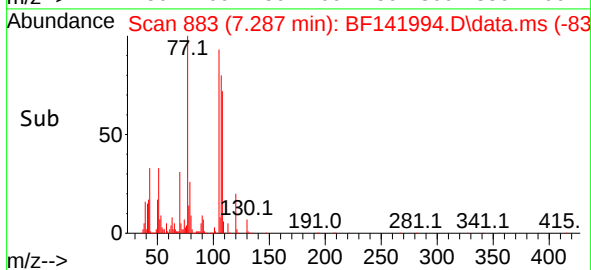
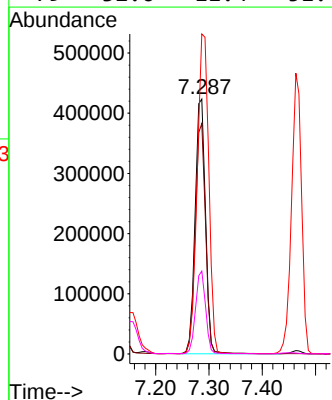
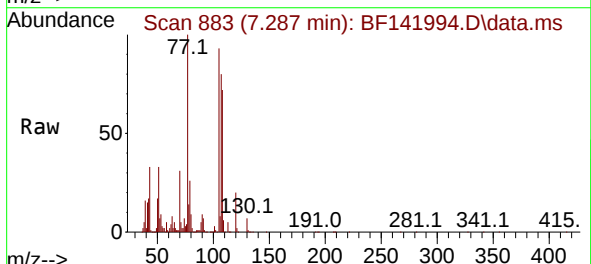
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 51.7  | 41.4  | 62.0  |
| 101 | 10.5  | 8.2   | 12.2  |
| 130 | 22.9  | 18.2  | 27.4  |

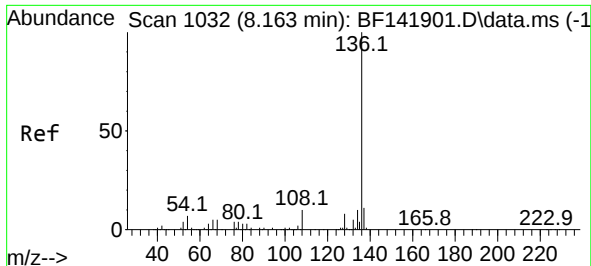


#20  
3+4-Methylphenols  
Concen: 35.093 ng  
RT: 7.287 min Scan# 883  
Delta R.T. 0.006 min  
Lab File: BF141994.D  
Acq: 18 Mar 2025 14:30

Tgt Ion: 107 Resp: 569983

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 107 | 100   |       |        |
| 108 | 90.4  | 68.4  | 108.4  |
| 77  | 125.6 | 69.7  | 109.7# |
| 79  | 32.6  | 11.4  | 51.4   |

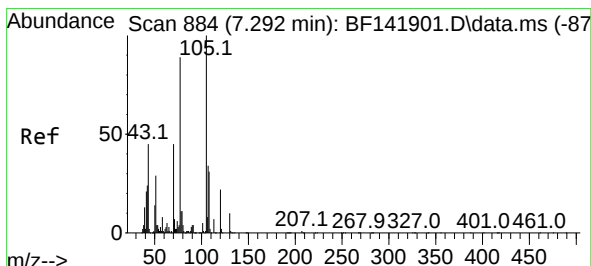
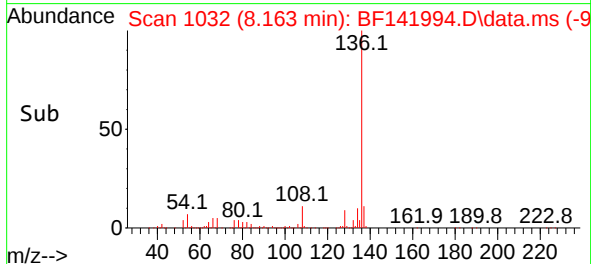
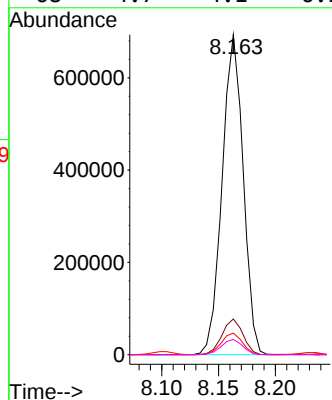
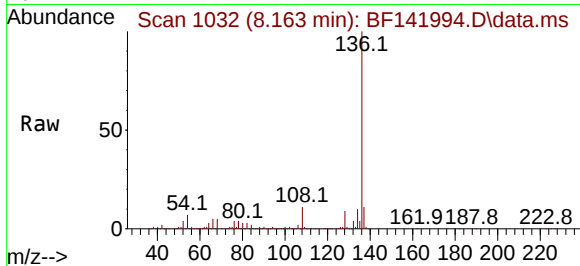




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.163 min Scan# 1032  
Delta R.T. 0.000 min  
Lab File: BF141994.D  
Acq: 18 Mar 2025 14:30

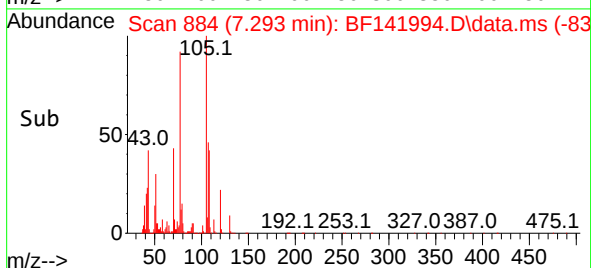
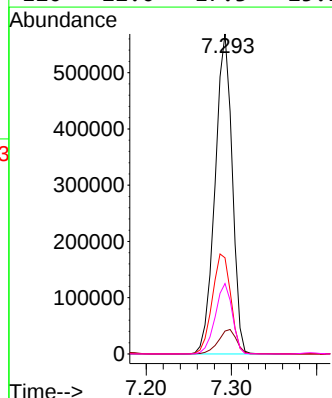
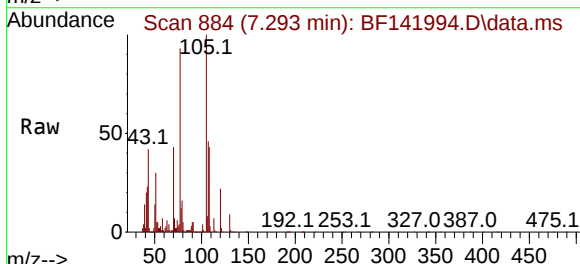
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ClientSampleId :  
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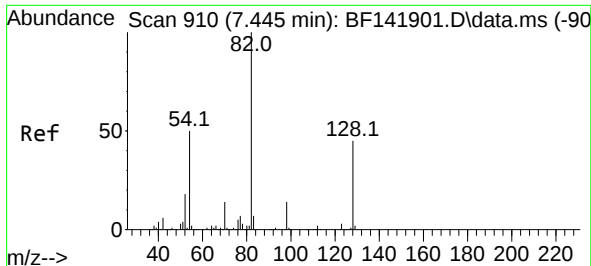
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 894289 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 11.1  | 8.8   | 13.2   |
| 54        | 6.7   | 5.8   | 8.8    |
| 68        | 4.7   | 4.1   | 6.1    |



#22  
Acetophenone  
Concen: 37.130 ng  
RT: 7.293 min Scan# 884  
Delta R.T. 0.000 min  
Lab File: BF141994.D  
Acq: 18 Mar 2025 14:30

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 795173 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 7.2   | 5.8   | 8.8    |
| 51        | 30.1  | 23.4  | 35.0   |
| 120       | 22.0  | 17.3  | 25.9   |

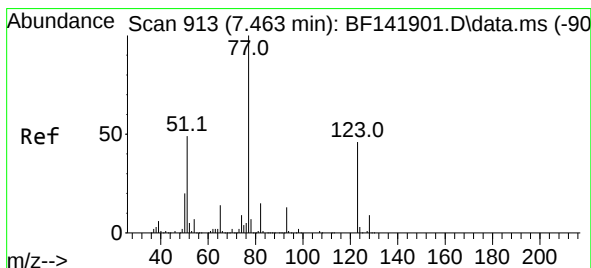
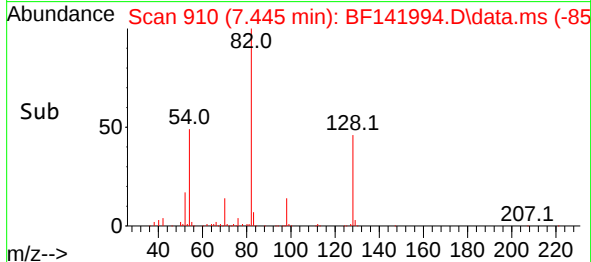
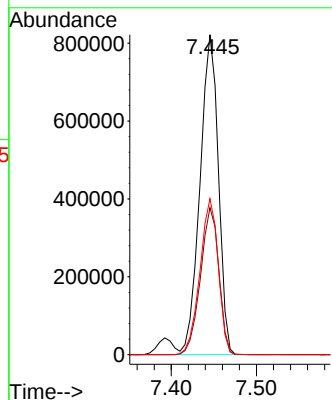
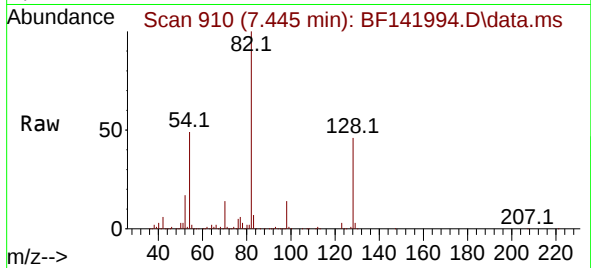




#23  
Nitrobenzene-d5  
Concen: 77.299 ng  
RT: 7.445 min Scan# 910  
Delta R.T. 0.000 min  
Lab File: BF141994.D  
Acq: 18 Mar 2025 14:30

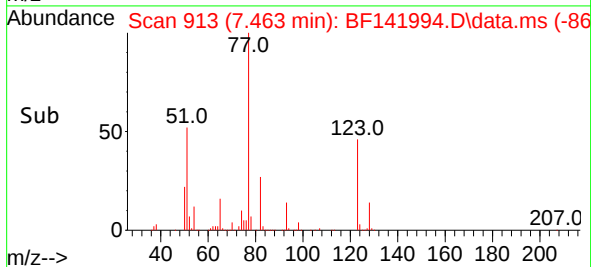
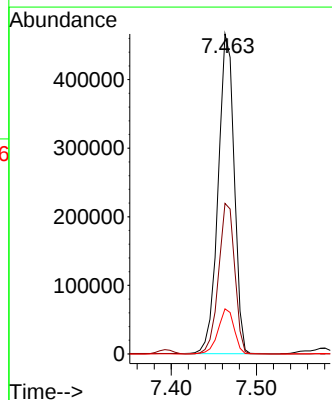
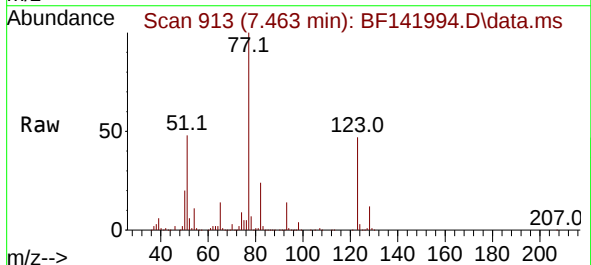
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

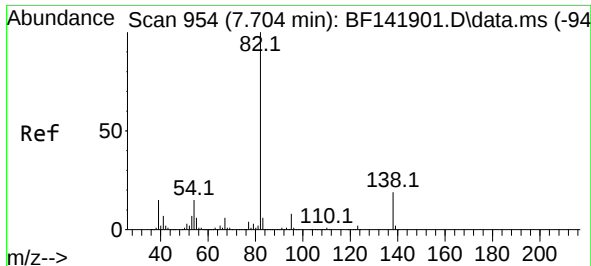
Tgt Ion: 82 Resp: 1228373  
Ion Ratio Lower Upper  
82 100  
128 46.0 36.0 54.0  
54 48.7 39.6 59.4



#24  
Nitrobenzene  
Concen: 38.584 ng  
RT: 7.463 min Scan# 913  
Delta R.T. 0.000 min  
Lab File: BF141994.D  
Acq: 18 Mar 2025 14:30

Tgt Ion: 77 Resp: 609535  
Ion Ratio Lower Upper  
77 100  
123 47.1 37.0 55.4  
65 14.1 11.3 16.9

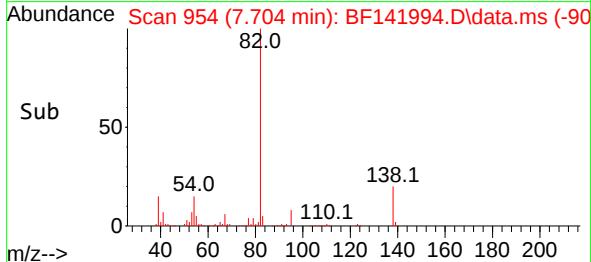
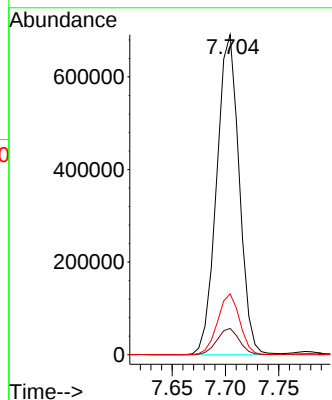
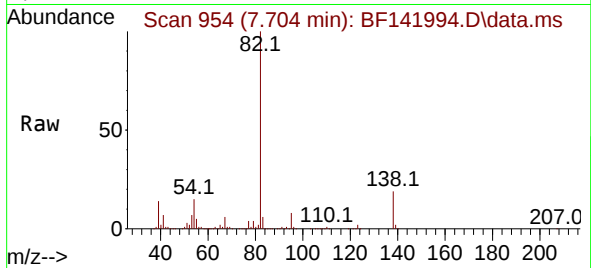




#25  
Isophorone  
Concen: 36.146 ng  
RT: 7.704 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF141994.D  
Acq: 18 Mar 2025 14:30

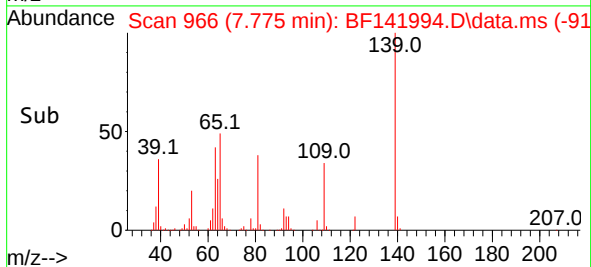
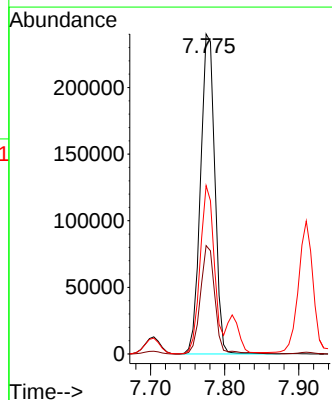
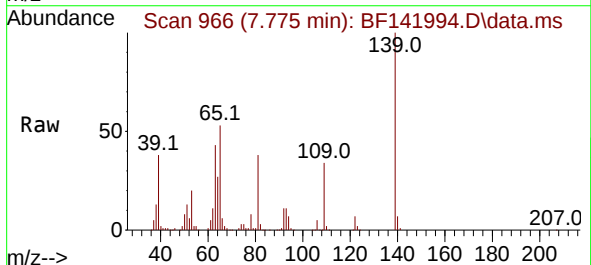
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion: 82 Resp: 1015352  
Ion Ratio Lower Upper  
82 100  
95 8.2 6.4 9.6  
138 19.0 14.9 22.3



#26  
2-Nitrophenol  
Concen: 41.542 ng  
RT: 7.775 min Scan# 966  
Delta R.T. -0.006 min  
Lab File: BF141994.D  
Acq: 18 Mar 2025 14:30

Tgt Ion:139 Resp: 322094  
Ion Ratio Lower Upper  
139 100  
109 33.9 26.5 39.7  
65 52.6 40.3 60.5

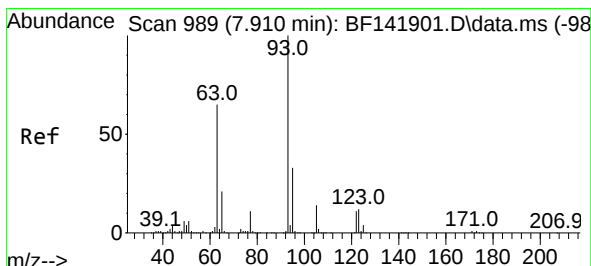
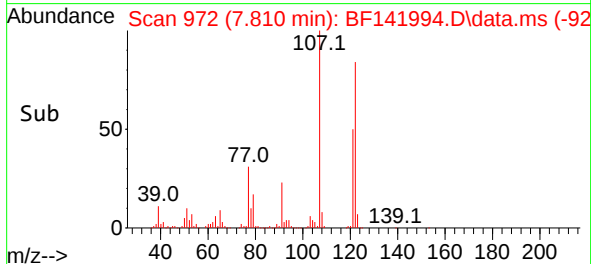
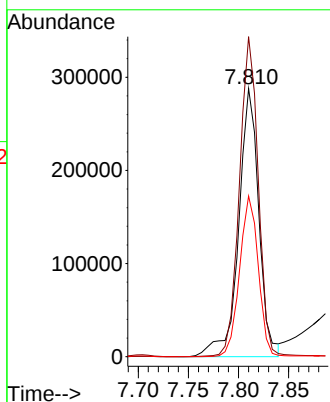
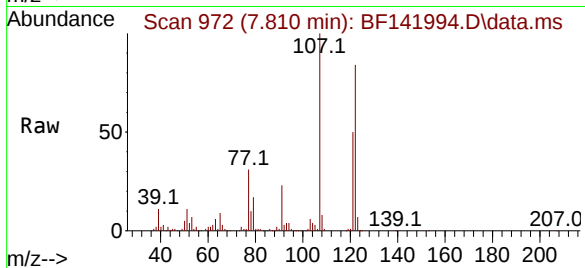




#27  
2,4-Dimethylphenol  
Concen: 37.881 ng  
RT: 7.810 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF141994.D  
Acq: 18 Mar 2025 14:30

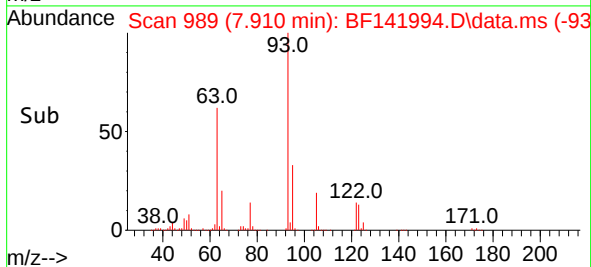
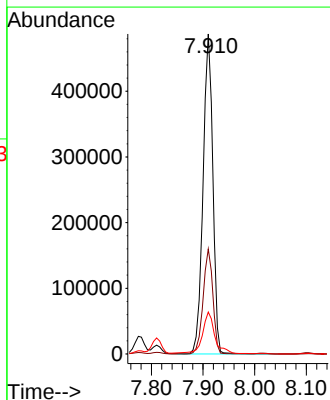
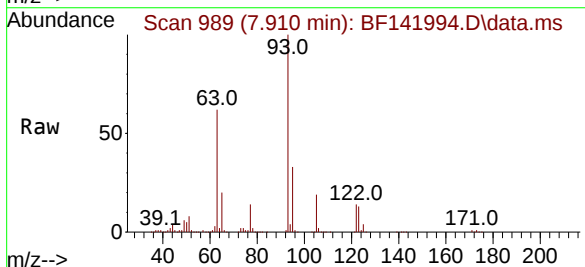
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion:122 Resp: 404431  
Ion Ratio Lower Upper  
122 100  
107 119.3 94.8 142.2  
121 59.9 47.8 71.6



#28  
bis(2-Chloroethoxy)methane  
Concen: 36.335 ng  
RT: 7.910 min Scan# 989  
Delta R.T. 0.000 min  
Lab File: BF141994.D  
Acq: 18 Mar 2025 14:30

Tgt Ion: 93 Resp: 640168  
Ion Ratio Lower Upper  
93 100  
95 32.8 26.6 40.0  
123 13.1 10.2 15.4

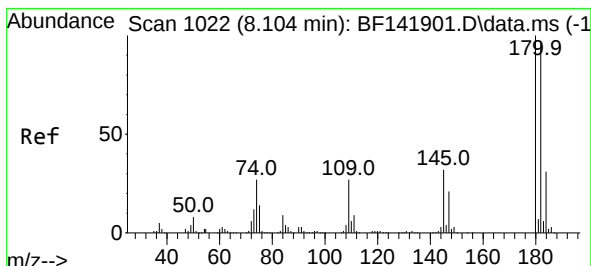
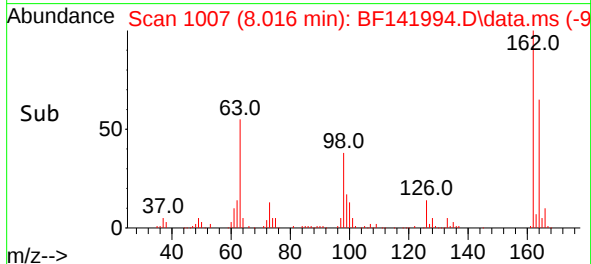
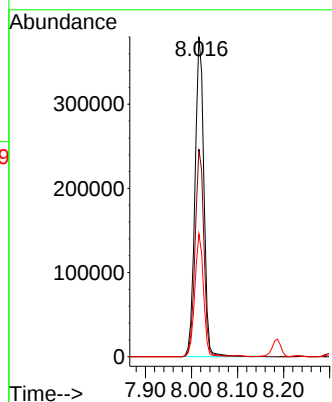
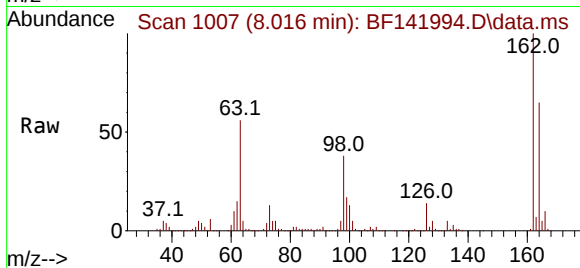




#29  
2,4-Dichlorophenol  
Concen: 38.255 ng  
RT: 8.016 min Scan# 1007  
Delta R.T. 0.000 min  
Lab File: BF141994.D  
Acq: 18 Mar 2025 14:30

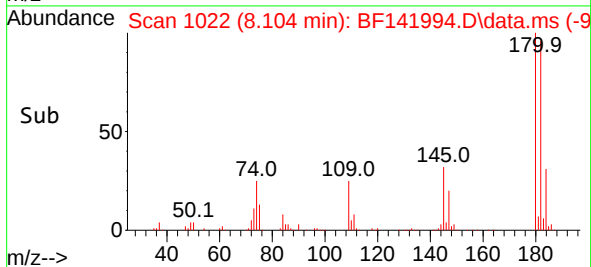
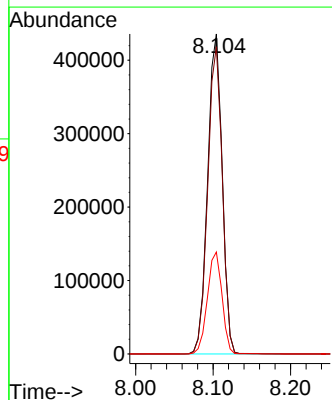
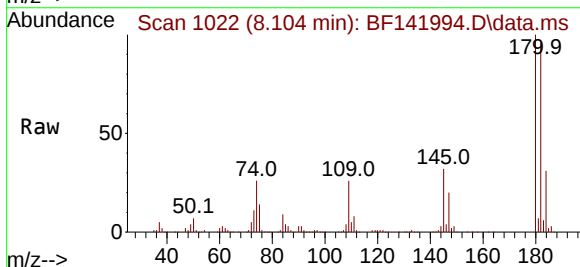
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

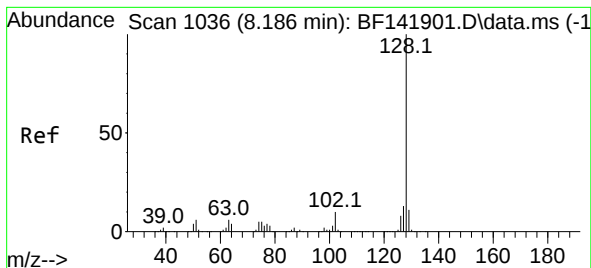
Tgt Ion:162 Resp: 506941  
Ion Ratio Lower Upper  
162 100  
164 64.9 43.8 83.8  
98 38.4 18.1 58.1



#30  
1,2,4-Trichlorobenzene  
Concen: 38.955 ng  
RT: 8.104 min Scan# 1022  
Delta R.T. 0.000 min  
Lab File: BF141994.D  
Acq: 18 Mar 2025 14:30

Tgt Ion:180 Resp: 568900  
Ion Ratio Lower Upper  
180 100  
182 96.0 77.5 116.3  
145 31.9 25.8 38.6





#31

Naphthalene

Concen: 37.302 ng

RT: 8.187 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF141994.D

Acq: 18 Mar 2025 14:30

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

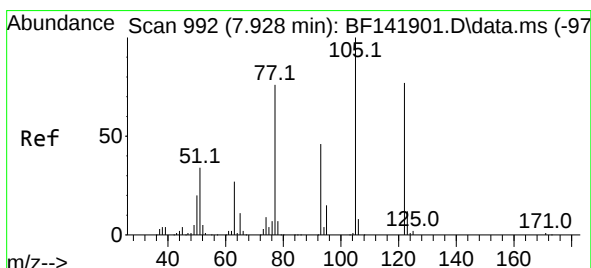
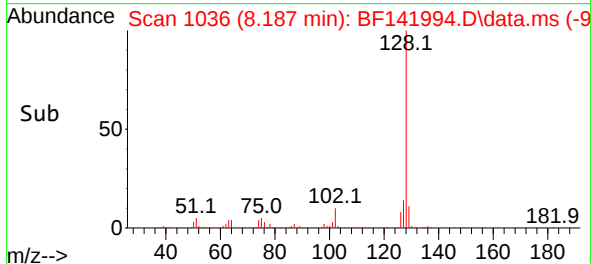
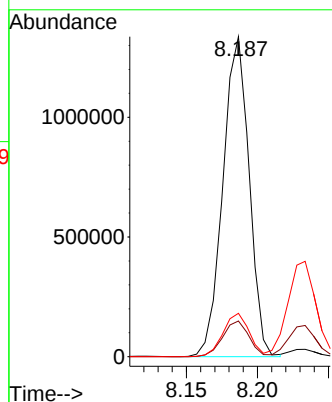
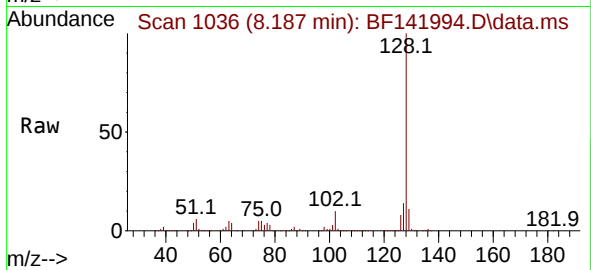
Tgt Ion:128 Resp: 1713566

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

127 13.6 10.8 16.2



#32

Benzoic acid

Concen: 43.547 ng

RT: 7.934 min Scan# 993

Delta R.T. 0.006 min

Lab File: BF141994.D

Acq: 18 Mar 2025 14:30

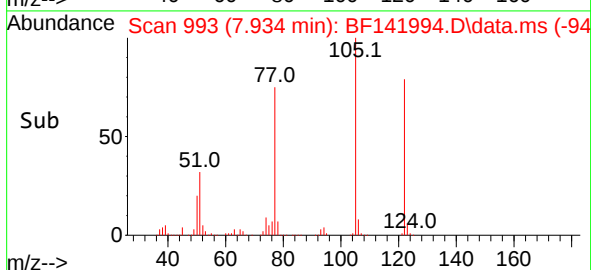
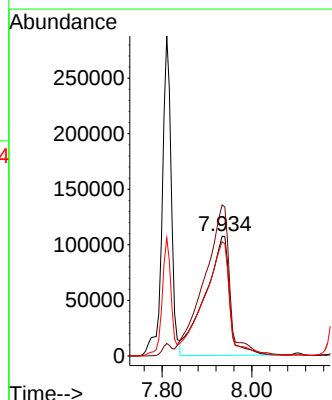
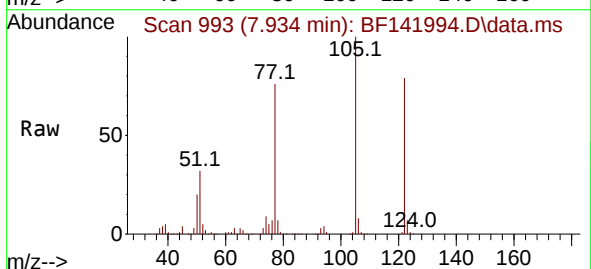
Tgt Ion:122 Resp: 408684

Ion Ratio Lower Upper

122 100

105 126.2 107.9 147.9

77 95.4 79.0 119.0

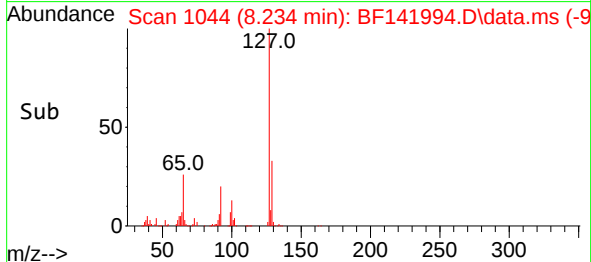
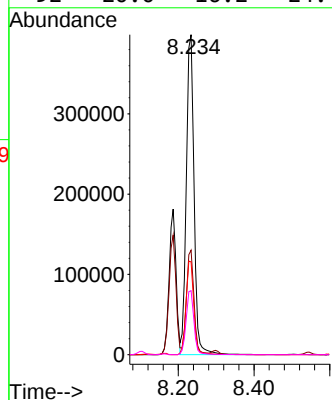
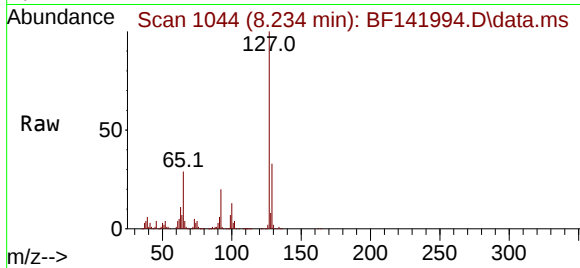




#33  
4-Chloroaniline  
Concen: 34.802 ng  
RT: 8.234 min Scan# 1044  
Delta R.T. 0.006 min  
Lab File: BF141994.D  
Acq: 18 Mar 2025 14:30

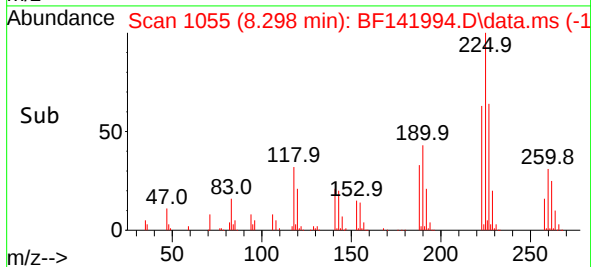
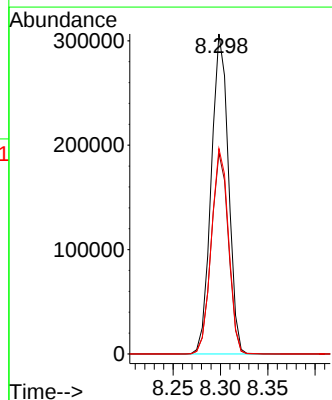
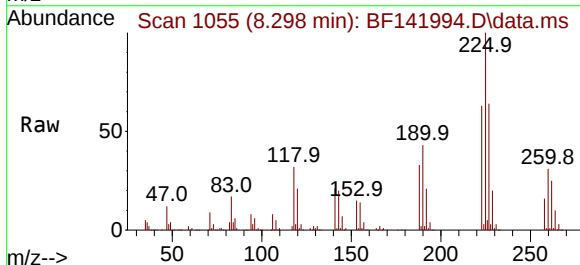
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

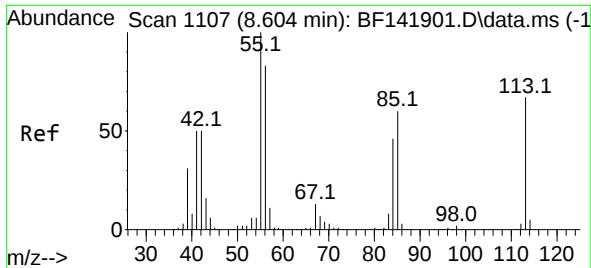
Tgt Ion:127 Resp: 564371  
Ion Ratio Lower Upper  
127 100  
129 32.6 26.2 39.4  
65 29.0 25.4 38.2  
92 20.0 16.2 24.4



#34  
Hexachlorobutadiene  
Concen: 40.503 ng  
RT: 8.298 min Scan# 1055  
Delta R.T. -0.006 min  
Lab File: BF141994.D  
Acq: 18 Mar 2025 14:30

Tgt Ion:225 Resp: 385746  
Ion Ratio Lower Upper  
225 100  
223 62.8 50.6 75.8  
227 64.2 52.2 78.2

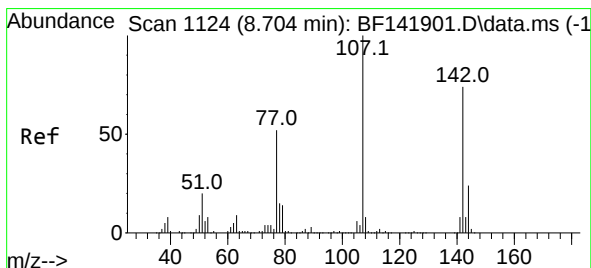
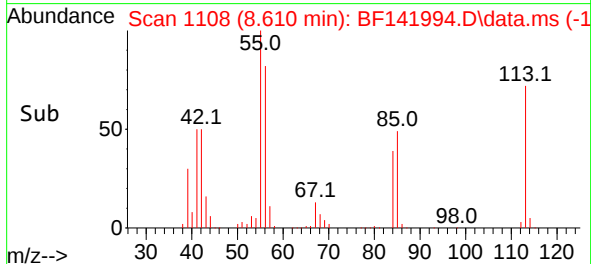
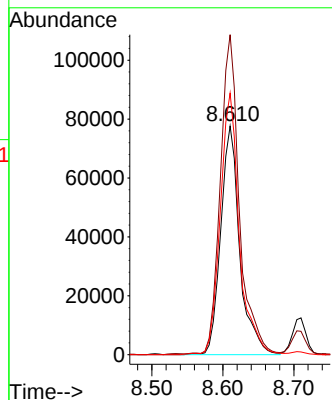
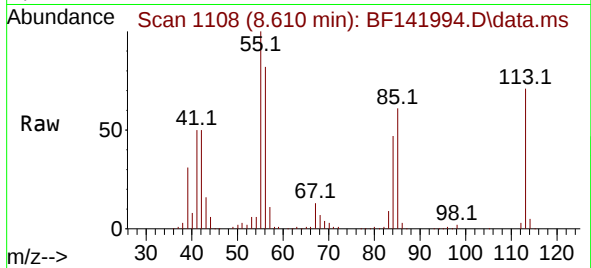




#35  
Caprolactam  
Concen: 35.601 ng  
RT: 8.610 min Scan# 1108  
Delta R.T. 0.006 min  
Lab File: BF141994.D  
Acq: 18 Mar 2025 14:30

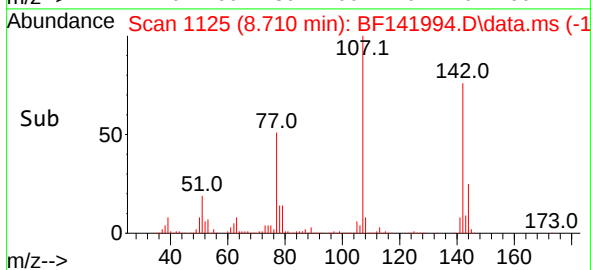
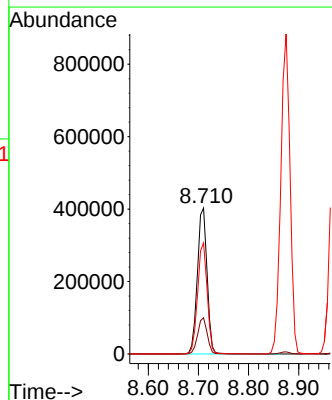
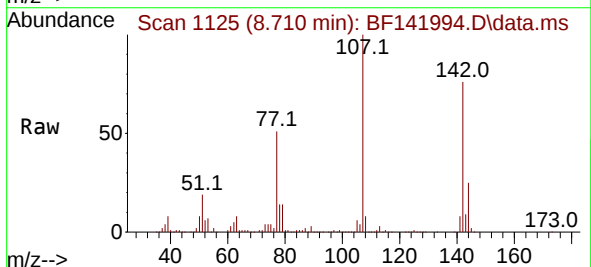
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

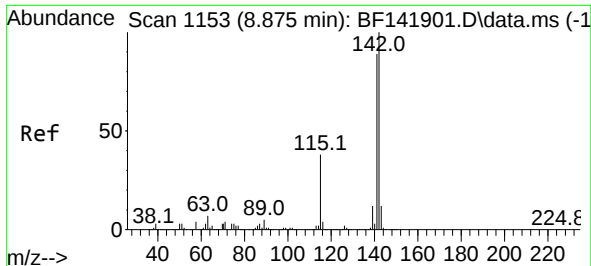
Tgt Ion:113 Resp: 143835  
Ion Ratio Lower Upper  
113 100  
55 139.9 129.6 169.6  
56 114.4 104.0 144.0



#36  
4-Chloro-3-methylphenol  
Concen: 36.564 ng  
RT: 8.710 min Scan# 1125  
Delta R.T. 0.006 min  
Lab File: BF141994.D  
Acq: 18 Mar 2025 14:30

Tgt Ion:107 Resp: 540509  
Ion Ratio Lower Upper  
107 100  
144 24.8 19.0 28.6  
142 76.1 59.2 88.8





#37

2-Methylnaphthalene

Concen: 36.733 ng

RT: 8.875 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF141994.D

Acq: 18 Mar 2025 14:30

Instrument :

BNA\_F

ClientSampleId :

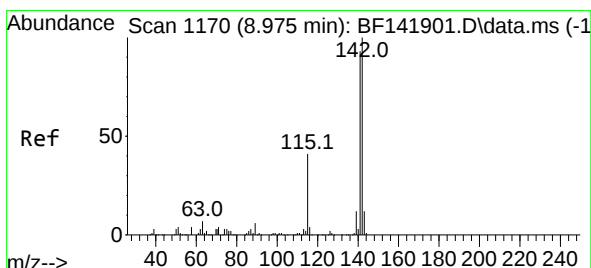
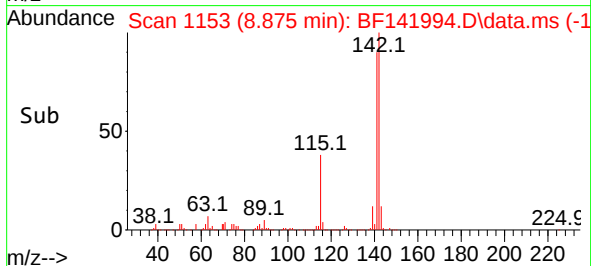
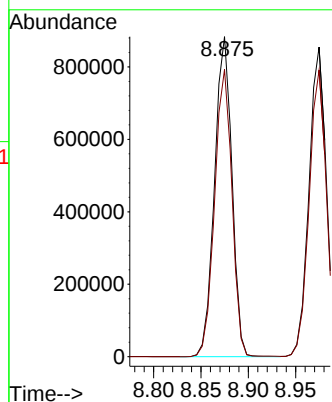
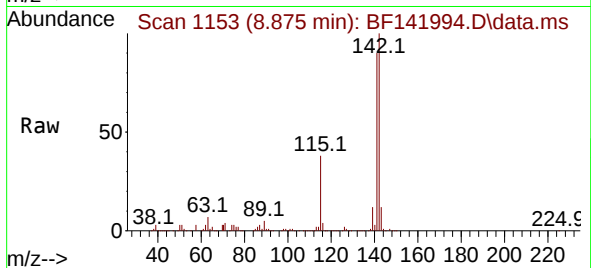
SSTDCCC040EC

Tgt Ion:142 Resp: 1127917

Ion Ratio Lower Upper

142 100

141 89.8 71.2 106.8



#38

1-Methylnaphthalene

Concen: 36.494 ng

RT: 8.975 min Scan# 1170

Delta R.T. 0.000 min

Lab File: BF141994.D

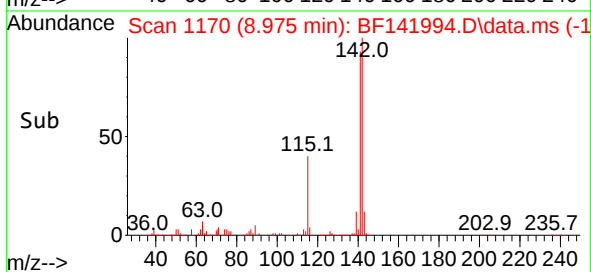
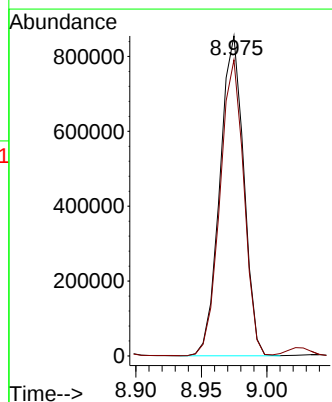
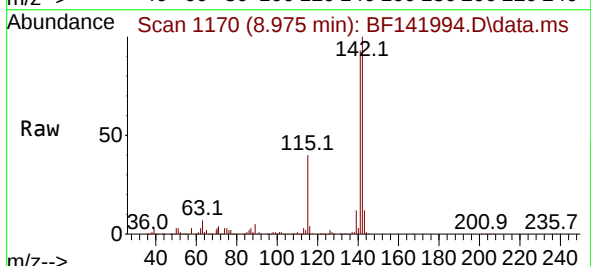
Acq: 18 Mar 2025 14:30

Tgt Ion:142 Resp: 1081329

Ion Ratio Lower Upper

142 100

141 92.6 74.2 111.4

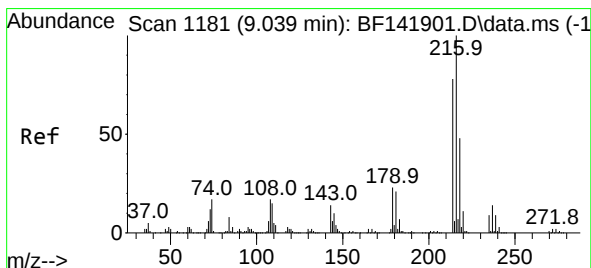
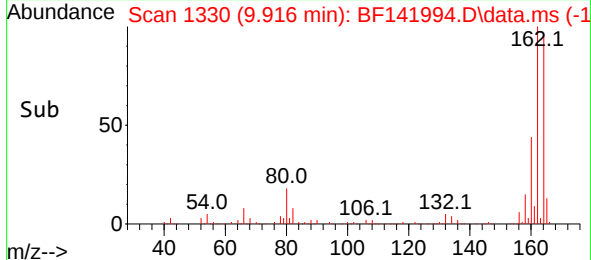
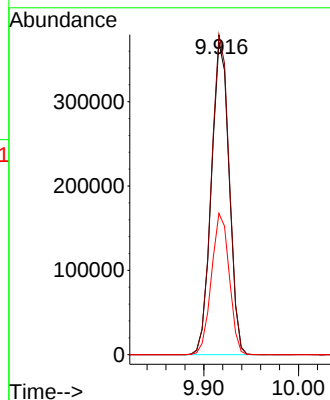
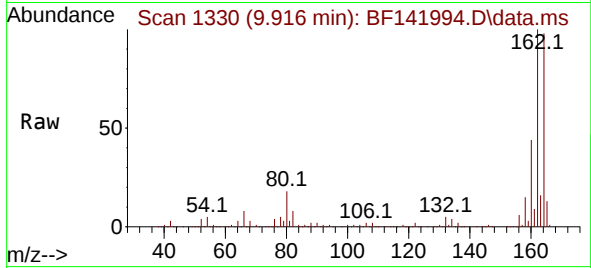




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.916 min Scan# 1181  
Delta R.T. -0.000 min  
Lab File: BF141994.D  
Acq: 18 Mar 2025 14:30

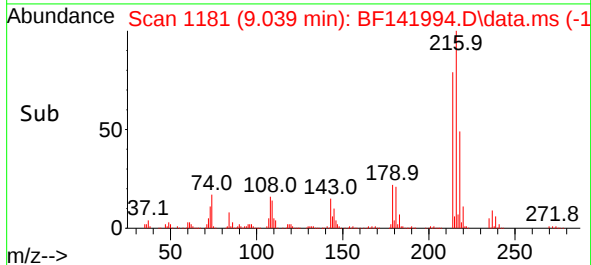
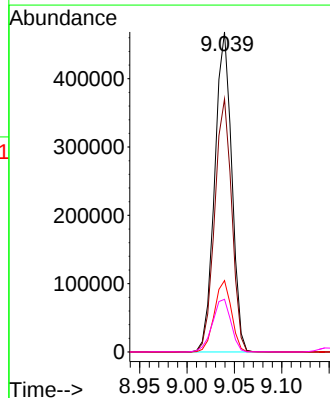
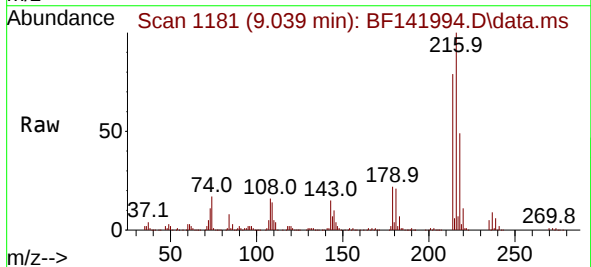
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

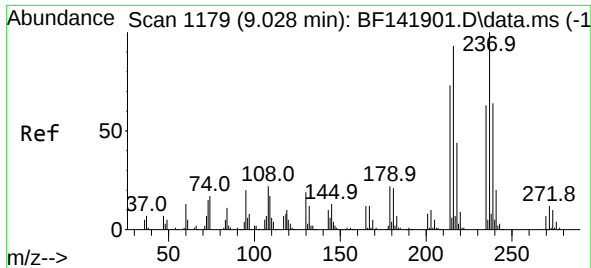
Tgt Ion:164 Resp: 481669  
Ion Ratio Lower Upper  
164 100  
162 102.4 81.8 122.6  
160 45.2 36.7 55.1



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 40.068 ng  
RT: 9.039 min Scan# 1181  
Delta R.T. 0.000 min  
Lab File: BF141994.D  
Acq: 18 Mar 2025 14:30

Tgt Ion:216 Resp: 587599  
Ion Ratio Lower Upper  
216 100  
214 79.2 61.9 92.9  
179 22.3 18.1 27.1  
108 17.9 14.7 22.1

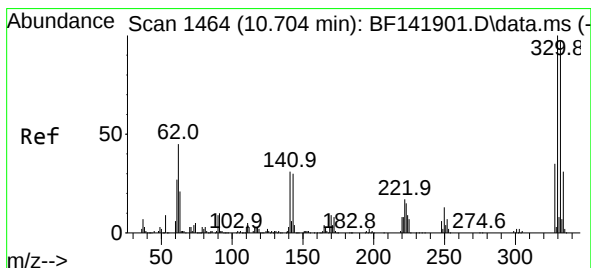
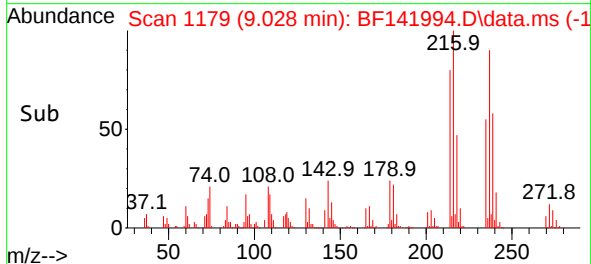
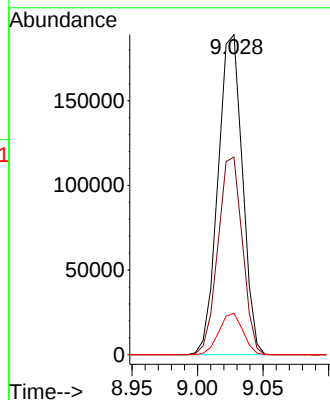
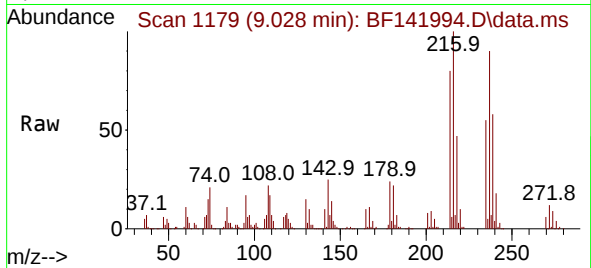




#41  
Hexachlorocyclopentadiene  
Concen: 42.681 ng  
RT: 9.028 min Scan# 1179  
Delta R.T. 0.000 min  
Lab File: BF141994.D  
Acq: 18 Mar 2025 14:30

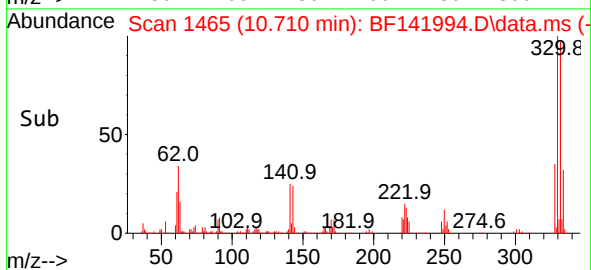
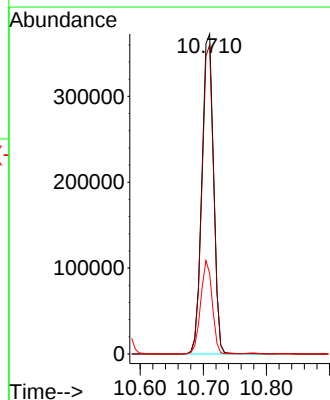
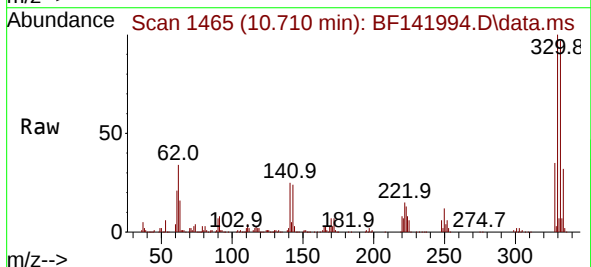
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion:237 Resp: 244958  
Ion Ratio Lower Upper  
237 100  
235 61.7 43.1 83.1  
272 12.9 0.0 32.0



#42  
2,4,6-Tribromophenol  
Concen: 78.588 ng  
RT: 10.710 min Scan# 1465  
Delta R.T. 0.006 min  
Lab File: BF141994.D  
Acq: 18 Mar 2025 14:30

Tgt Ion:330 Resp: 480221  
Ion Ratio Lower Upper  
330 100  
332 96.5 77.6 116.4  
141 28.6 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 39.744 ng

RT: 9.151 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF141994.D

Acq: 18 Mar 2025 14:30

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

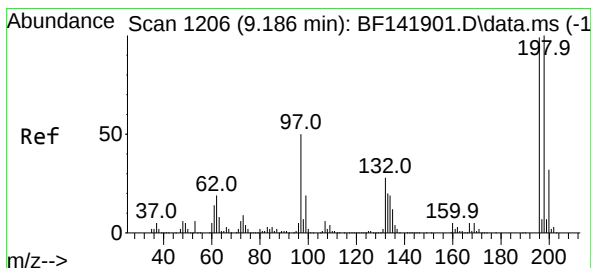
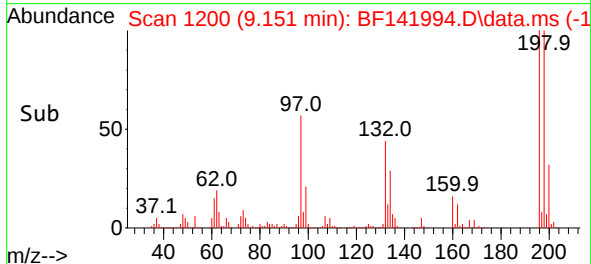
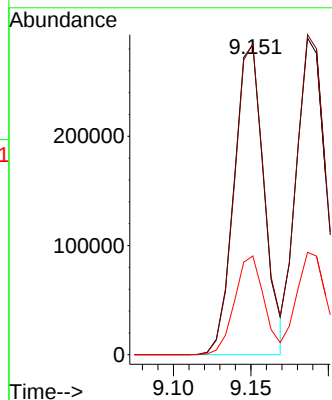
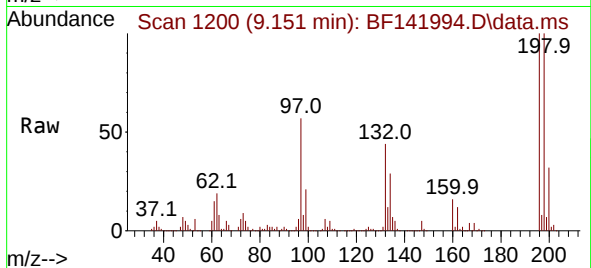
Tgt Ion:196 Resp: 380905

Ion Ratio Lower Upper

196 100

198 100.2 80.6 121.0

200 31.8 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 39.608 ng

RT: 9.187 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF141994.D

Acq: 18 Mar 2025 14:30

Tgt Ion:196 Resp: 384465

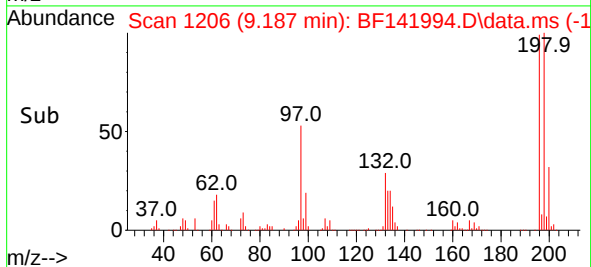
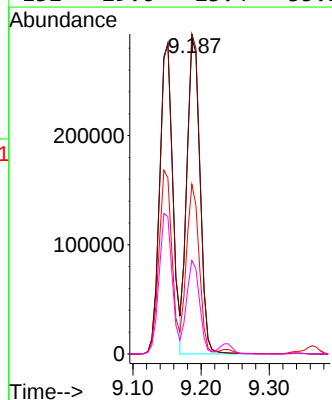
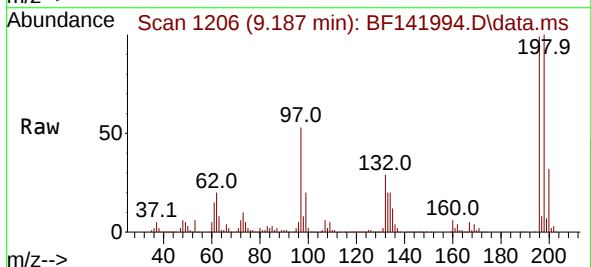
Ion Ratio Lower Upper

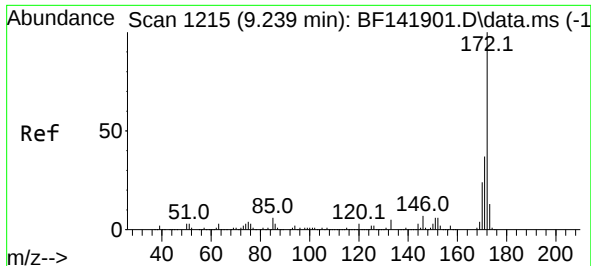
196 100

198 101.1 80.7 121.1

97 53.6 42.1 63.1

132 29.6 23.4 35.2

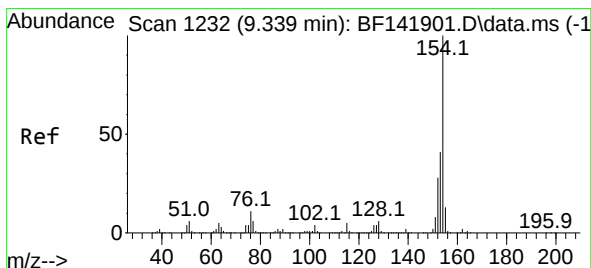
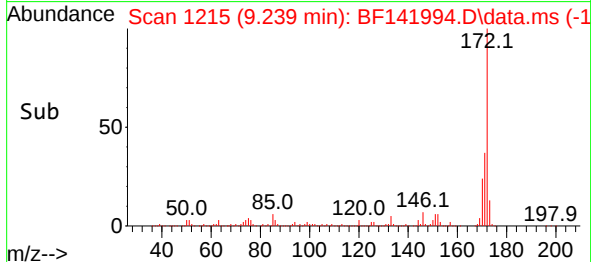
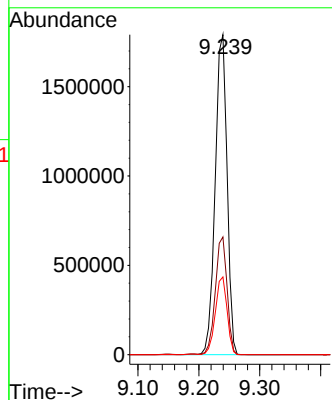
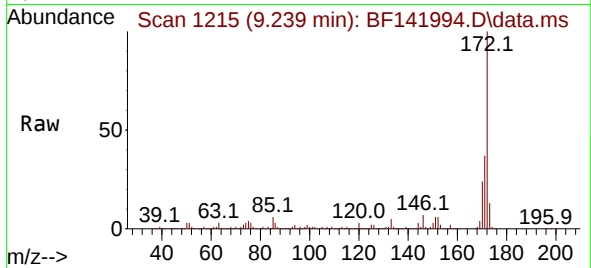




#45  
2-Fluorobiphenyl  
Concen: 76.752 ng  
RT: 9.239 min Scan# 1215  
Delta R.T. 0.000 min  
Lab File: BF141994.D  
Acq: 18 Mar 2025 14:30

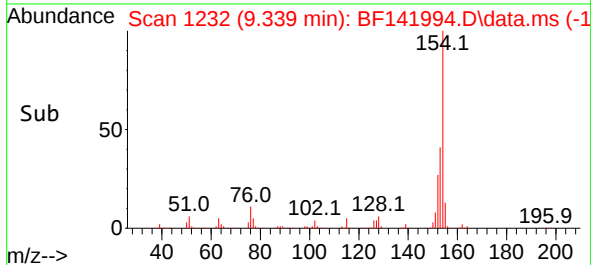
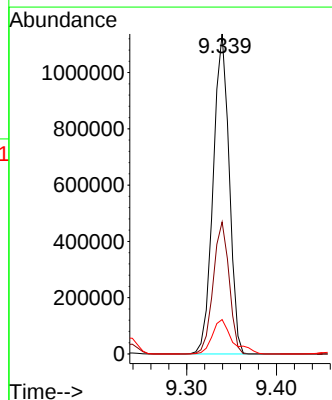
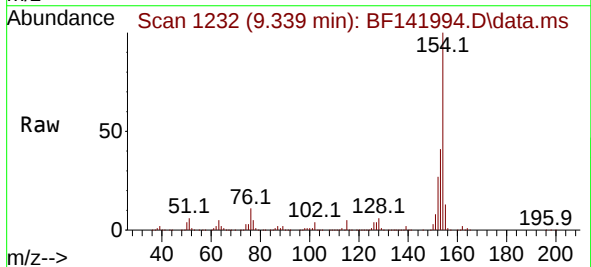
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

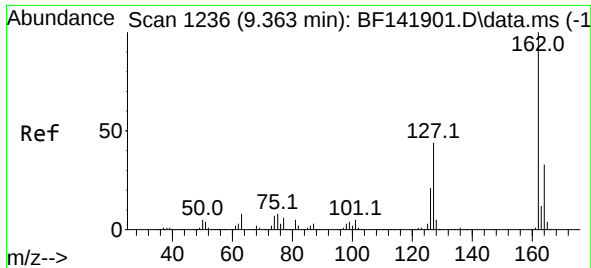
Tgt Ion:172 Resp: 2430888  
Ion Ratio Lower Upper  
172 100  
171 36.8 29.3 43.9  
170 24.3 19.4 29.0



#46  
1,1'-Biphenyl  
Concen: 38.496 ng  
RT: 9.339 min Scan# 1232  
Delta R.T. 0.000 min  
Lab File: BF141994.D  
Acq: 18 Mar 2025 14:30

Tgt Ion:154 Resp: 1408867  
Ion Ratio Lower Upper  
154 100  
153 41.2 21.1 61.1  
76 10.8 0.0 31.3

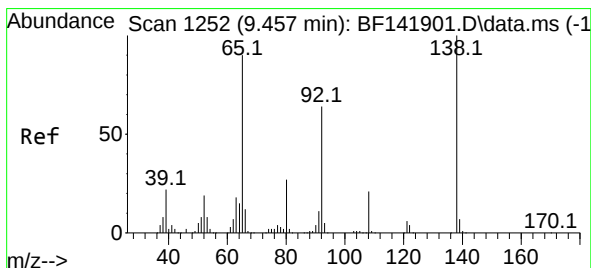
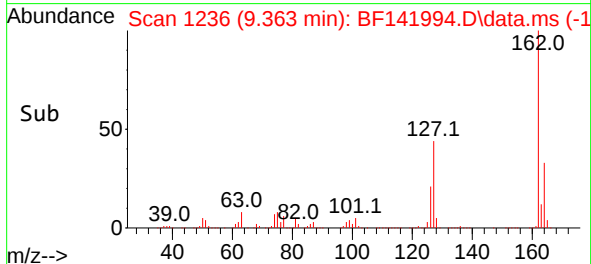
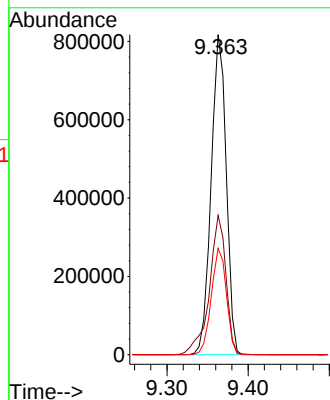
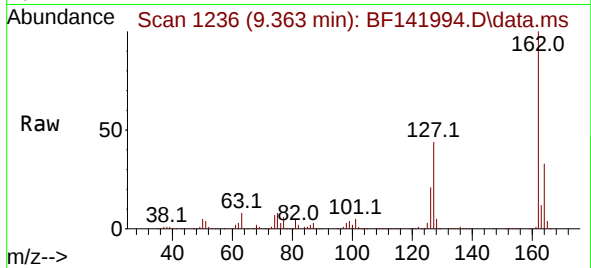




#47  
2-Chloronaphthalene  
Concen: 38.659 ng  
RT: 9.363 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF141994.D  
Acq: 18 Mar 2025 14:30

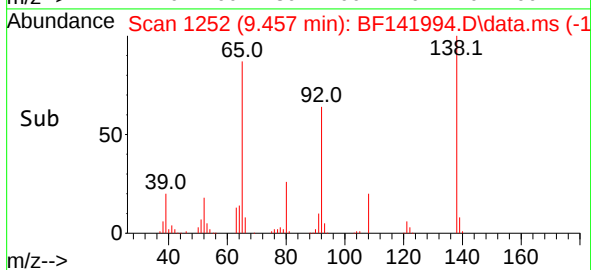
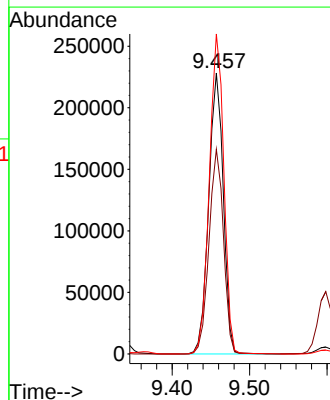
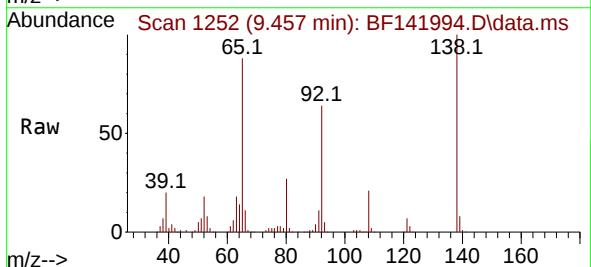
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

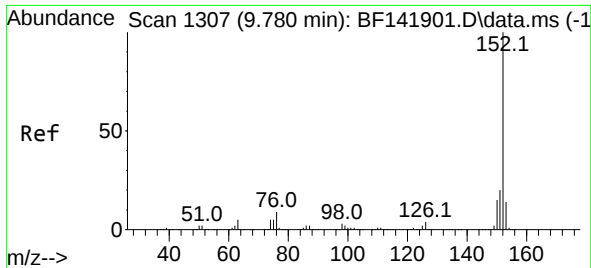
Tgt Ion:162 Resp: 1054546  
Ion Ratio Lower Upper  
162 100  
127 43.5 35.5 53.3  
164 33.2 26.6 40.0



#48  
2-Nitroaniline  
Concen: 37.836 ng  
RT: 9.457 min Scan# 1252  
Delta R.T. 0.000 min  
Lab File: BF141994.D  
Acq: 18 Mar 2025 14:30

Tgt Ion: 65 Resp: 298838  
Ion Ratio Lower Upper  
65 100  
92 72.9 56.6 84.8  
138 113.9 88.6 133.0





#49

Acenaphthylene

Concen: 38.061 ng

RT: 9.781 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF141994.D

Acq: 18 Mar 2025 14:30

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

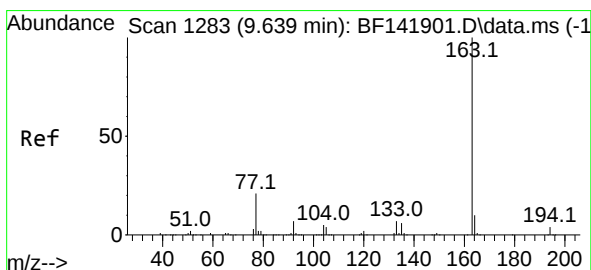
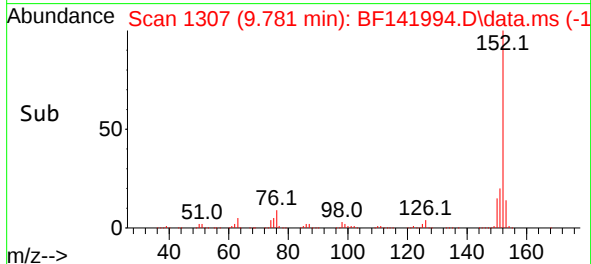
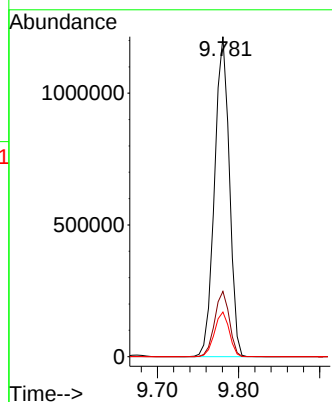
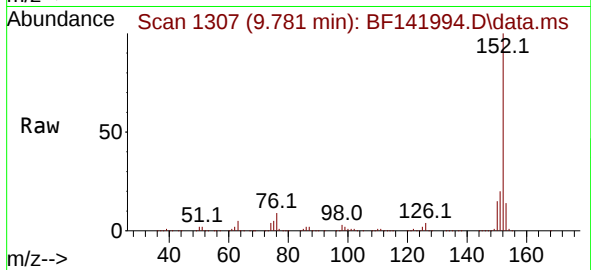
Tgt Ion:152 Resp: 1540693

Ion Ratio Lower Upper

152 100

151 20.4 16.3 24.5

153 13.9 11.1 16.7



#50

Dimethylphthalate

Concen: 36.846 ng

RT: 9.639 min Scan# 1283

Delta R.T. 0.000 min

Lab File: BF141994.D

Acq: 18 Mar 2025 14:30

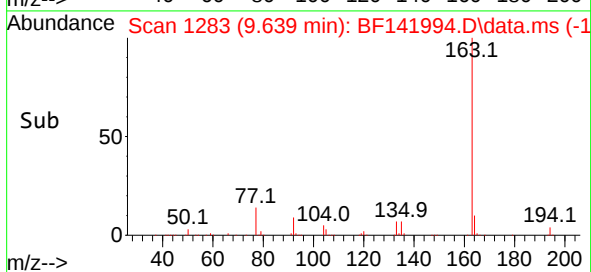
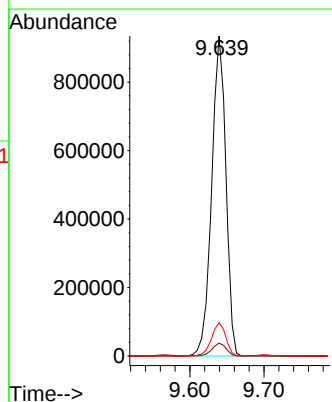
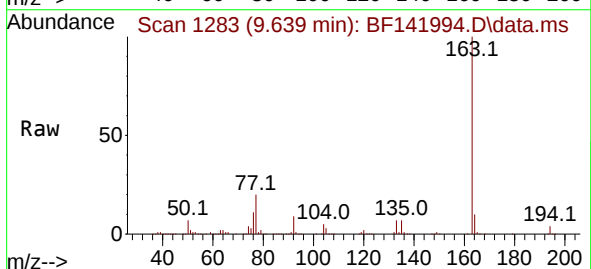
Tgt Ion:163 Resp: 1242811

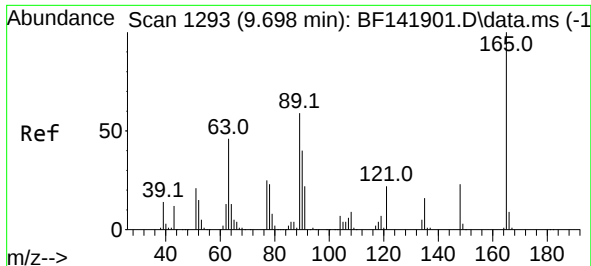
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.4 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 38.350 ng

RT: 9.698 min Scan# 1293

Delta R.T. 0.000 min

Lab File: BF141994.D

Acq: 18 Mar 2025 14:30

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

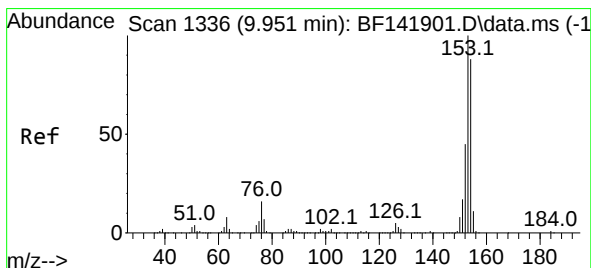
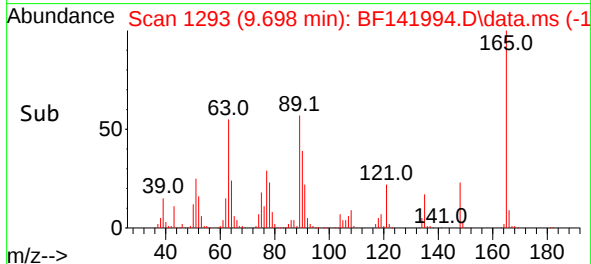
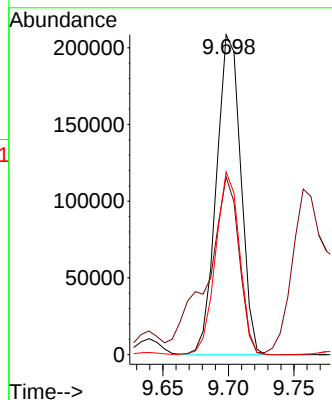
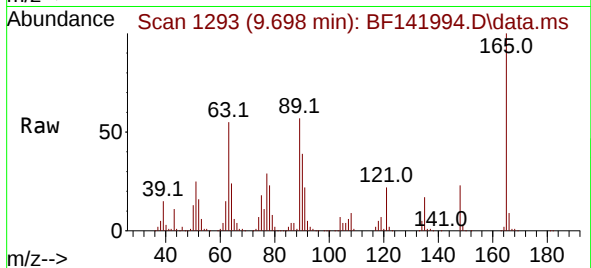
Tgt Ion:165 Resp: 269332

Ion Ratio Lower Upper

165 100

63 55.5 47.0 70.4

89 57.1 47.4 71.2



#52

Acenaphthene

Concen: 38.848 ng

RT: 9.951 min Scan# 1336

Delta R.T. 0.000 min

Lab File: BF141994.D

Acq: 18 Mar 2025 14:30

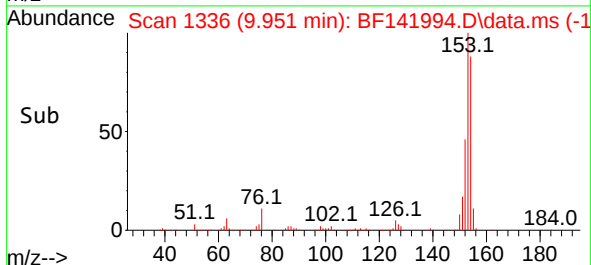
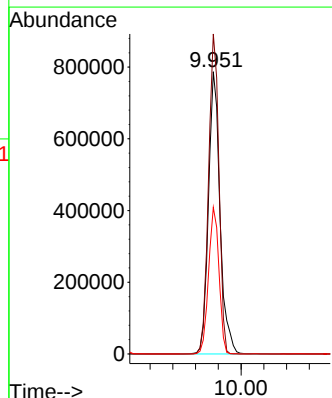
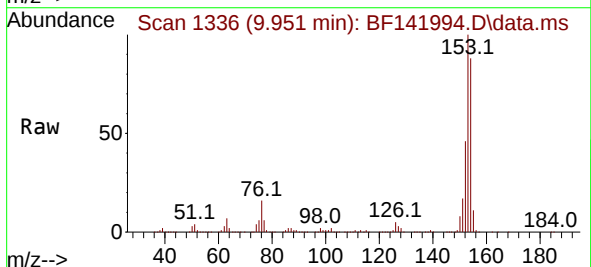
Tgt Ion:154 Resp: 1105127

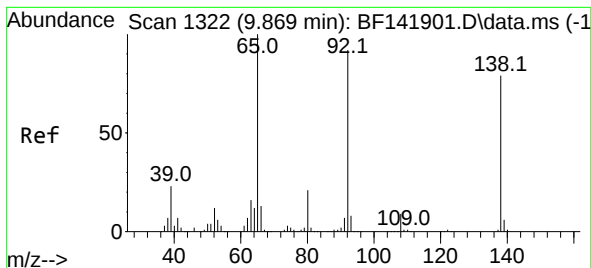
Ion Ratio Lower Upper

154 100

153 113.4 90.7 136.1

152 51.9 41.1 61.7





#53

3-Nitroaniline

Concen: 36.895 ng

RT: 9.869 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF141994.D

Acq: 18 Mar 2025 14:30

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

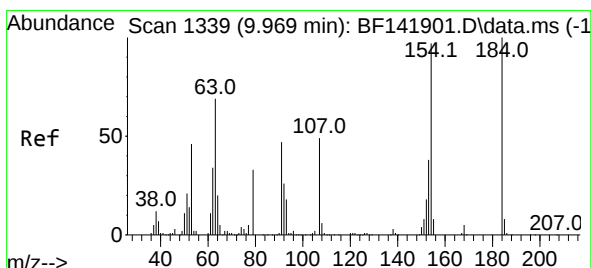
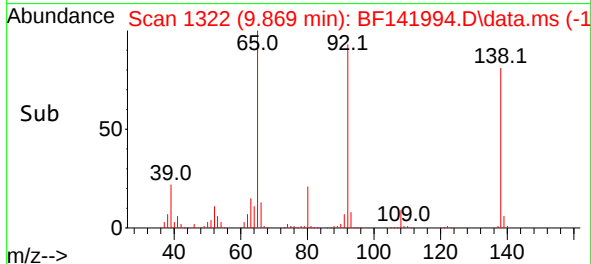
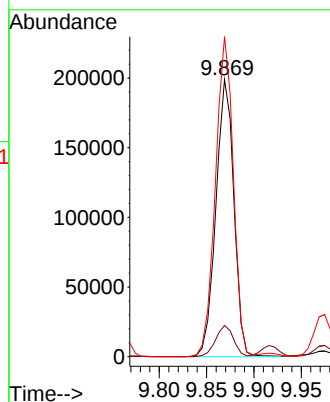
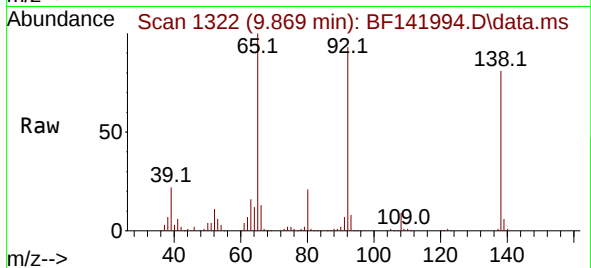
Tgt Ion:138 Resp: 262837

Ion Ratio Lower Upper

138 100

108 11.3 9.3 13.9

92 115.5 93.5 140.3



#54

2,4-Dinitrophenol

Concen: 43.339 ng

RT: 9.975 min Scan# 1340

Delta R.T. 0.006 min

Lab File: BF141994.D

Acq: 18 Mar 2025 14:30

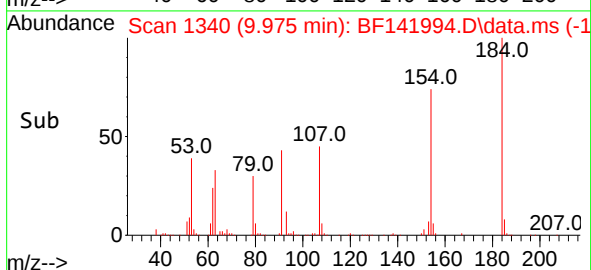
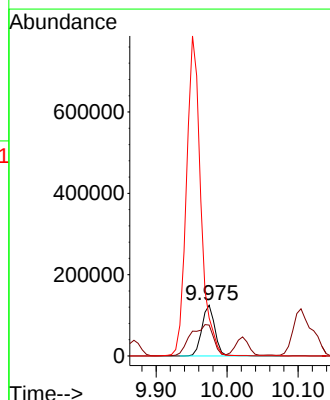
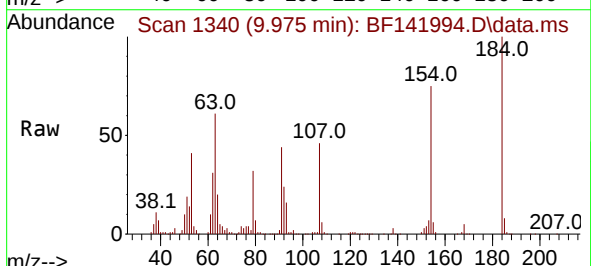
Tgt Ion:184 Resp: 159837

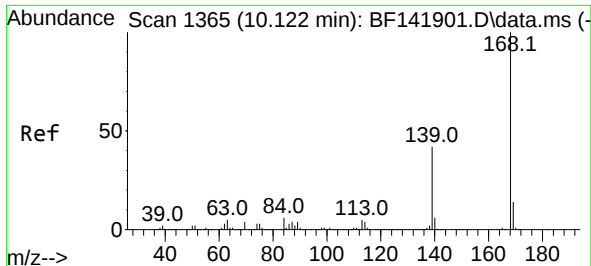
Ion Ratio Lower Upper

184 100

63 60.8 60.2 90.4

154 74.7 132.9 199.3#

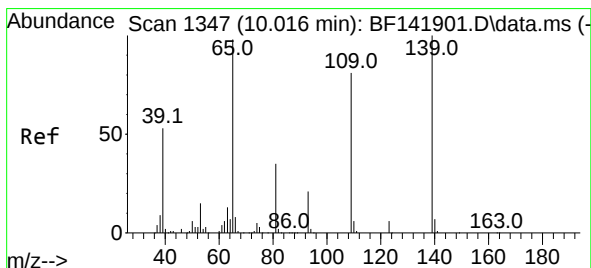
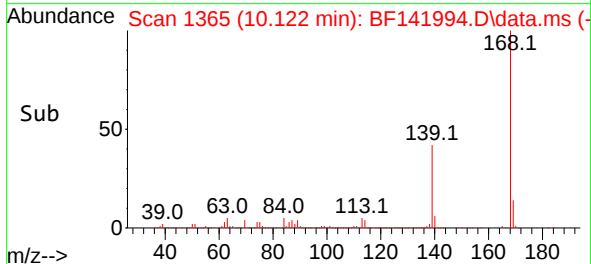
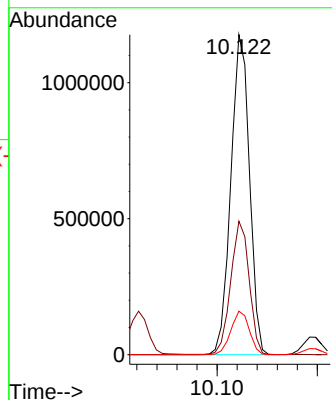
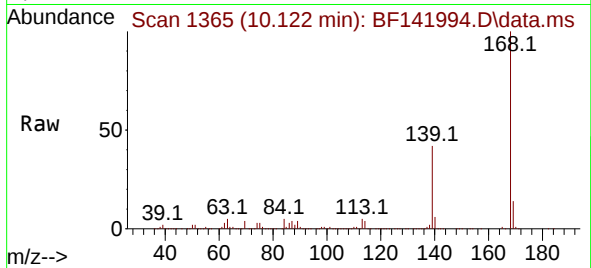




#55  
Dibenzofuran  
Concen: 37.335 ng  
RT: 10.122 min Scan# 1365  
Delta R.T. 0.000 min  
Lab File: BF141994.D  
Acq: 18 Mar 2025 14:30

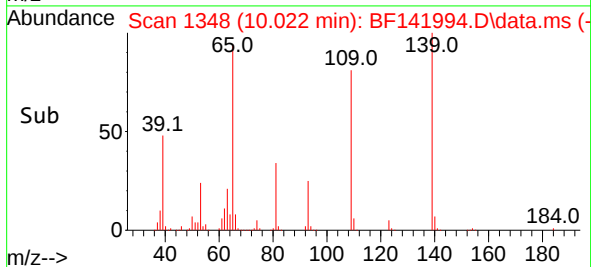
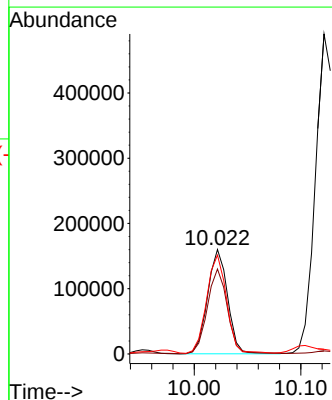
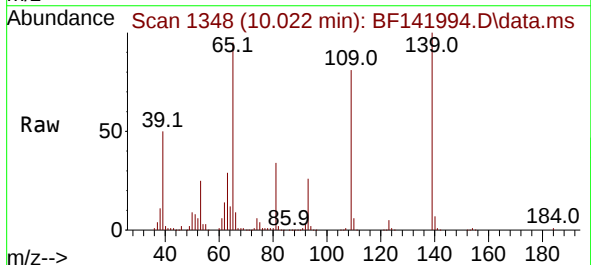
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

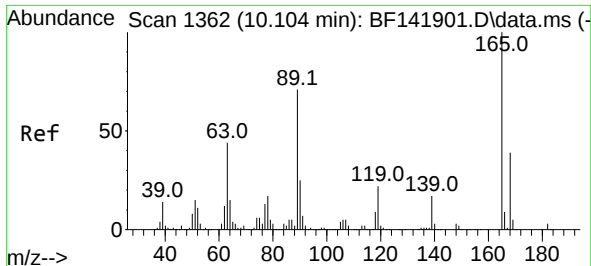
Tgt Ion:168 Resp: 1517598  
Ion Ratio Lower Upper  
168 100  
139 41.7 33.9 50.9  
169 13.6 11.0 16.4



#56  
4-Nitrophenol  
Concen: 39.017 ng  
RT: 10.022 min Scan# 1348  
Delta R.T. 0.006 min  
Lab File: BF141994.D  
Acq: 18 Mar 2025 14:30

Tgt Ion:139 Resp: 209611  
Ion Ratio Lower Upper  
139 100  
109 81.2 61.6 101.6  
65 94.6 79.4 119.4

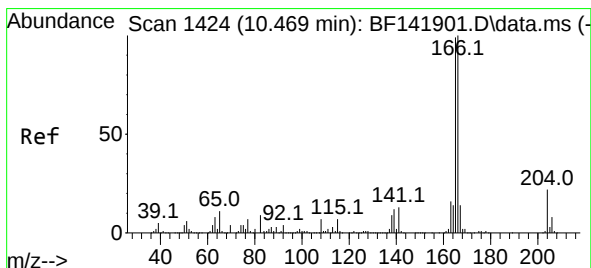
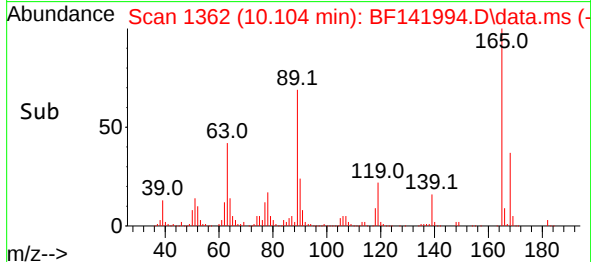
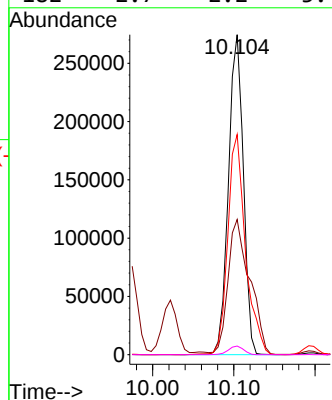
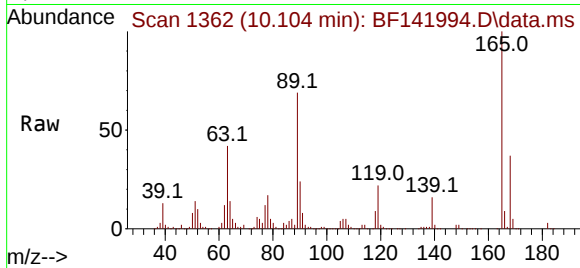




#57  
2,4-Dinitrotoluene  
Concen: 38.180 ng  
RT: 10.104 min Scan# 1362  
Delta R.T. 0.000 min  
Lab File: BF141994.D  
Acq: 18 Mar 2025 14:30

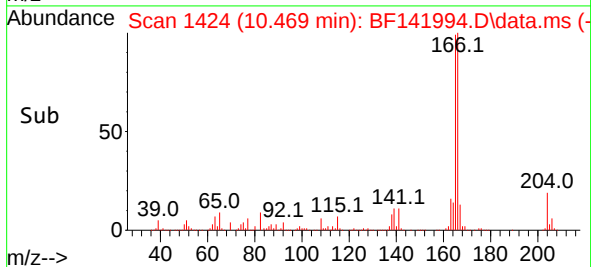
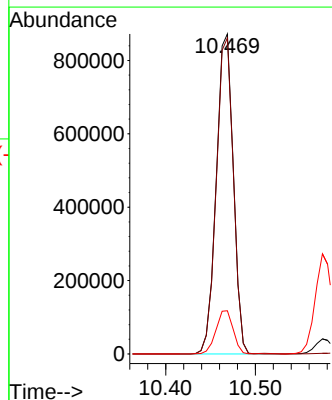
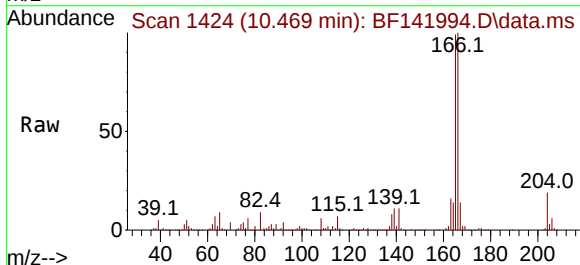
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

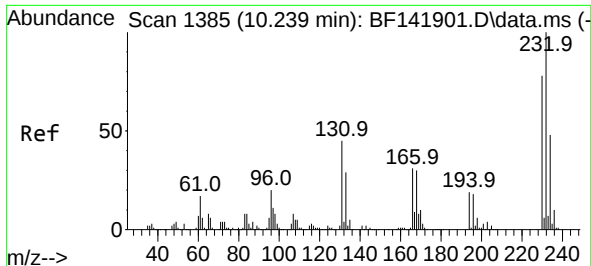
Tgt Ion:165 Resp: 350210  
Ion Ratio Lower Upper  
165 100  
63 42.2 35.4 53.2  
89 68.8 56.6 84.8  
182 2.7 2.2 3.4



#58  
Fluorene  
Concen: 36.643 ng  
RT: 10.469 min Scan# 1424  
Delta R.T. 0.000 min  
Lab File: BF141994.D  
Acq: 18 Mar 2025 14:30

Tgt Ion:166 Resp: 1148628  
Ion Ratio Lower Upper  
166 100  
165 98.8 79.0 118.4  
167 13.5 11.0 16.4

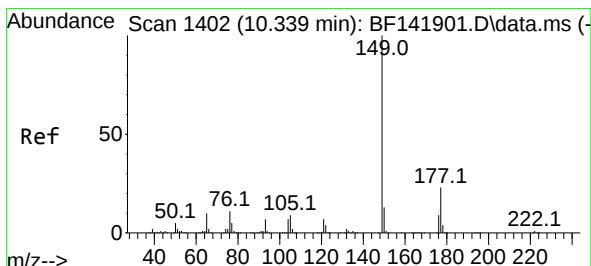
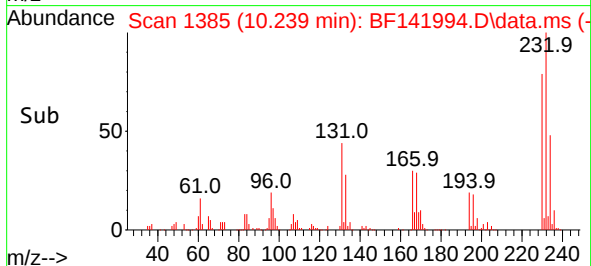
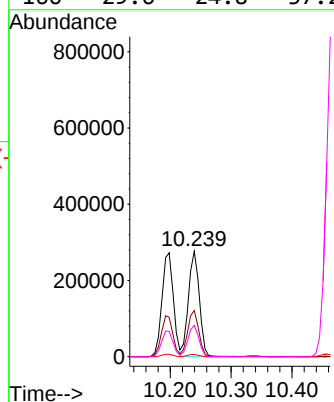
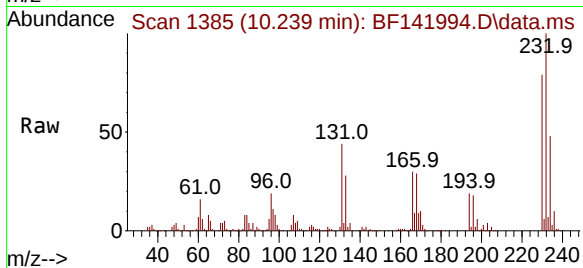




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 38.874 ng  
RT: 10.239 min Scan# 1385  
Delta R.T. 0.000 min  
Lab File: BF141994.D  
Acq: 18 Mar 2025 14:30

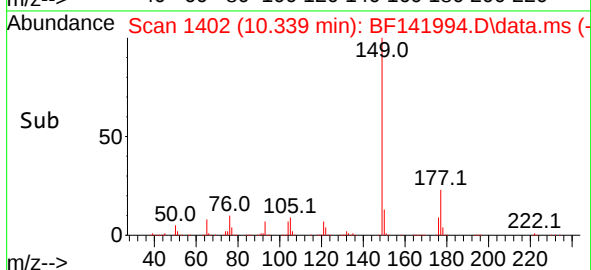
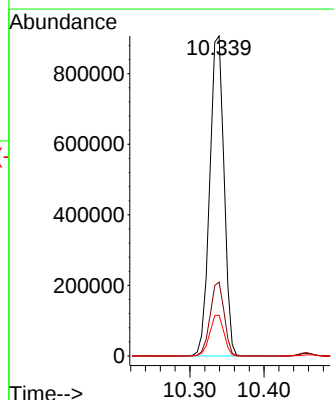
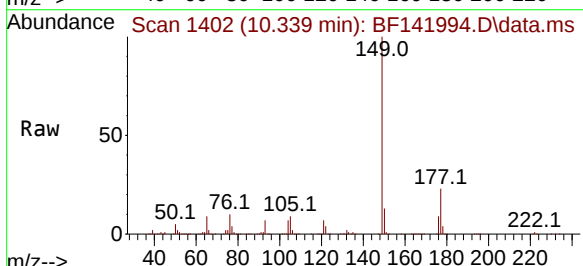
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

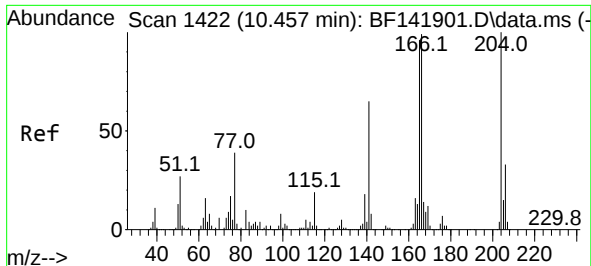
Tgt Ion:232 Resp: 343368  
Ion Ratio Lower Upper  
232 100  
131 44.3 37.3 55.9  
130 2.2 1.9 2.9  
166 29.6 24.8 37.2



#60  
Diethylphthalate  
Concen: 36.095 ng  
RT: 10.339 min Scan# 1402  
Delta R.T. 0.000 min  
Lab File: BF141994.D  
Acq: 18 Mar 2025 14:30

Tgt Ion:149 Resp: 1213997  
Ion Ratio Lower Upper  
149 100  
177 23.1 18.0 27.0  
150 12.7 10.2 15.4

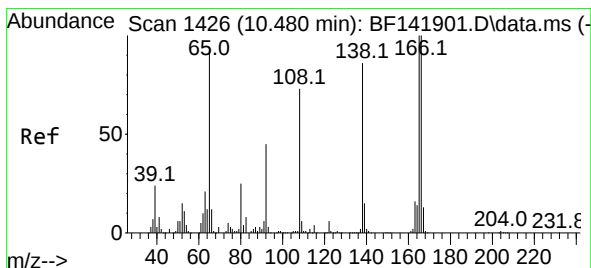
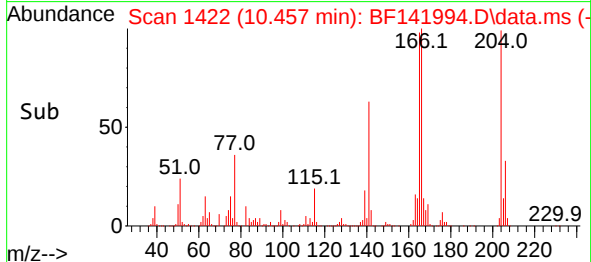
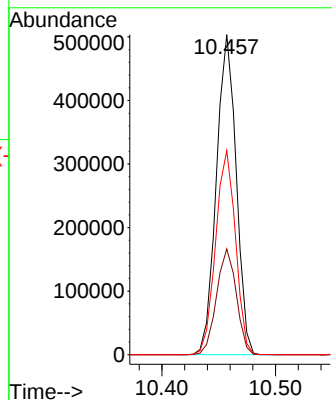
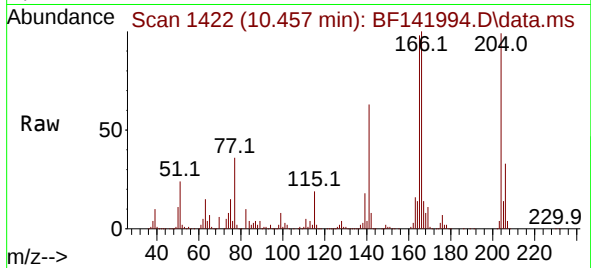




#61  
4-Chlorophenyl-phenylether  
Concen: 37.374 ng  
RT: 10.457 min Scan# 1422  
Delta R.T. 0.000 min  
Lab File: BF141994.D  
Acq: 18 Mar 2025 14:30

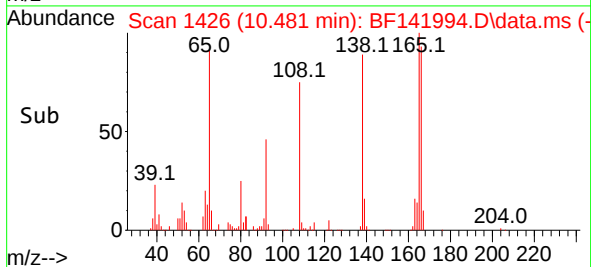
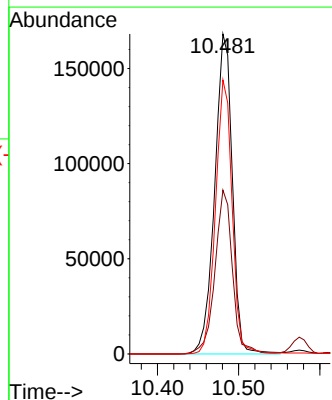
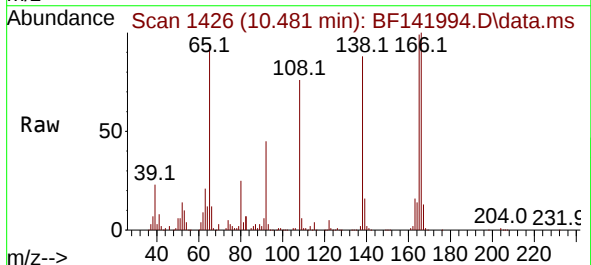
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

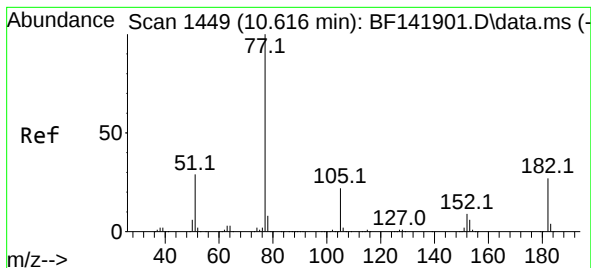
Tgt Ion:204 Resp: 610782  
Ion Ratio Lower Upper  
204 100  
206 33.1 26.8 40.2  
141 63.8 52.4 78.6



#62  
4-Nitroaniline  
Concen: 36.632 ng  
RT: 10.481 min Scan# 1426  
Delta R.T. 0.000 min  
Lab File: BF141994.D  
Acq: 18 Mar 2025 14:30

Tgt Ion:138 Resp: 254062  
Ion Ratio Lower Upper  
138 100  
92 51.2 32.6 72.6  
108 85.6 65.0 105.0





#63

Azobenzene

Concen: 35.814 ng

RT: 10.616 min Scan# 1449

Delta R.T. 0.000 min

Lab File: BF141994.D

Acq: 18 Mar 2025 14:30

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 77 Resp: 1119869

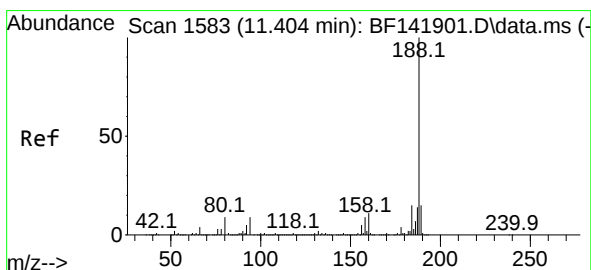
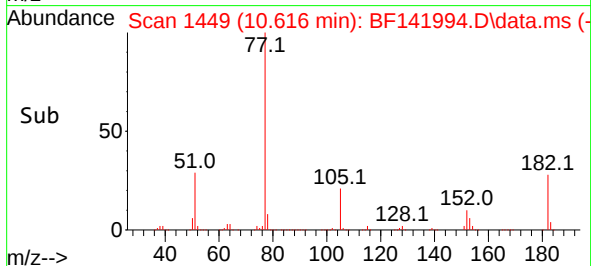
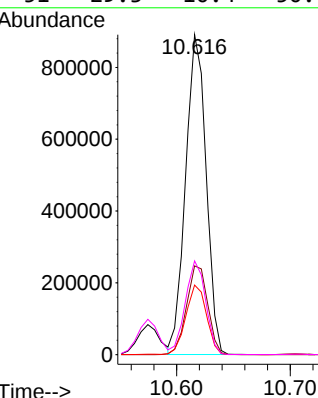
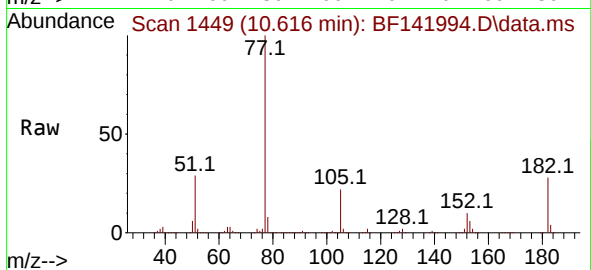
Ion Ratio Lower Upper

77 100

182 27.8 6.6 46.6

105 21.7 1.3 41.3

51 29.3 10.4 50.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1583

Delta R.T. 0.000 min

Lab File: BF141994.D

Acq: 18 Mar 2025 14:30

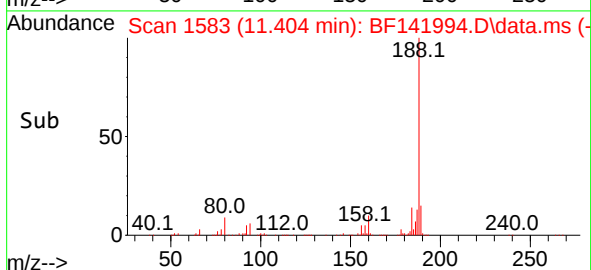
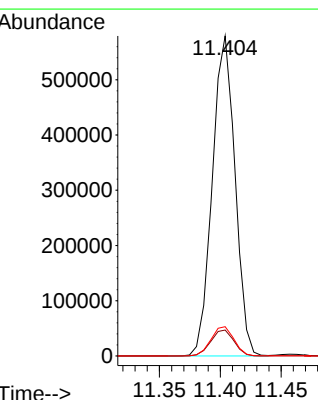
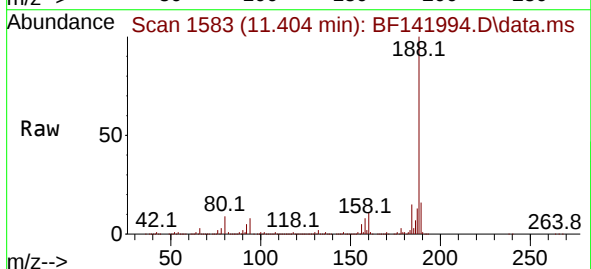
Tgt Ion: 188 Resp: 753053

Ion Ratio Lower Upper

188 100

94 8.1 6.8 10.2

80 9.1 7.6 11.4

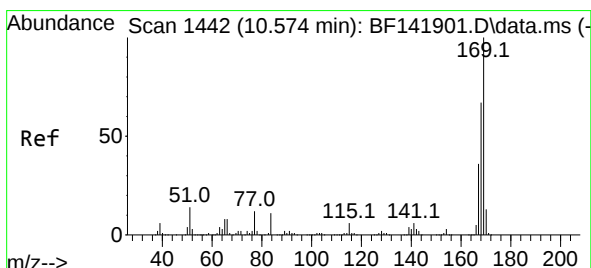
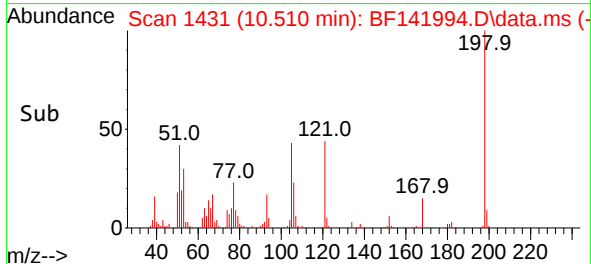
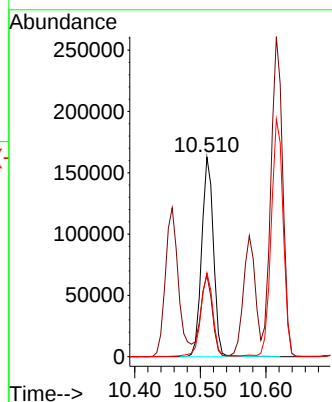
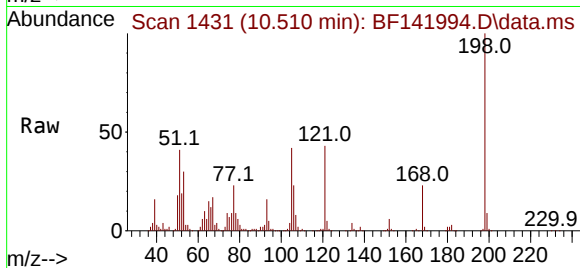




#65  
4,6-Dinitro-2-methylphenol  
Concen: 45.411 ng  
RT: 10.510 min Scan# 1431  
Delta R.T. -0.000 min  
Lab File: BF141994.D  
Acq: 18 Mar 2025 14:30

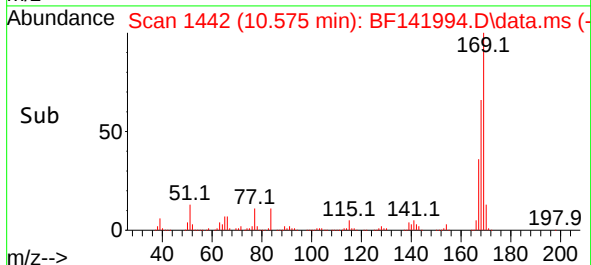
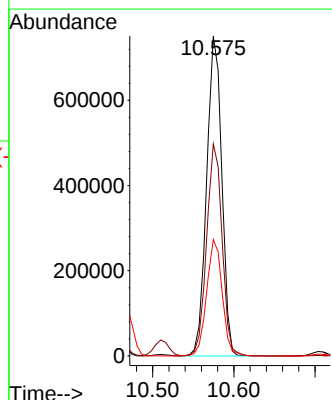
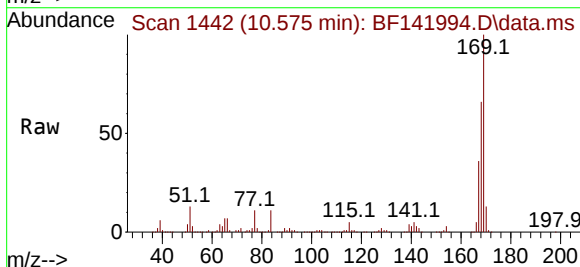
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

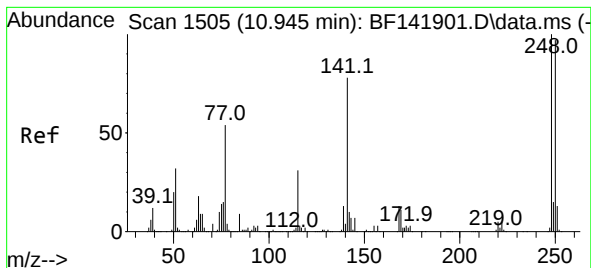
Tgt Ion:198 Resp: 203861  
Ion Ratio Lower Upper  
198 100  
51 40.8 22.3 62.3  
105 42.1 23.0 63.0



#66  
n-Nitrosodiphenylamine  
Concen: 39.770 ng  
RT: 10.575 min Scan# 1442  
Delta R.T. 0.000 min  
Lab File: BF141994.D  
Acq: 18 Mar 2025 14:30

Tgt Ion:169 Resp: 969171  
Ion Ratio Lower Upper  
169 100  
168 66.3 53.7 80.5  
167 36.3 29.2 43.8

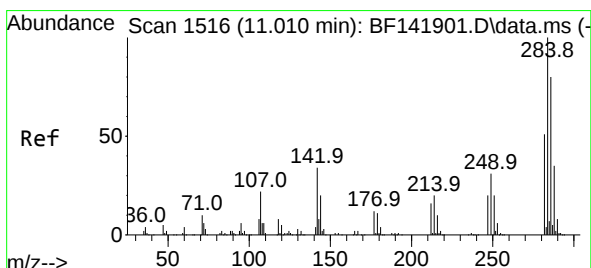
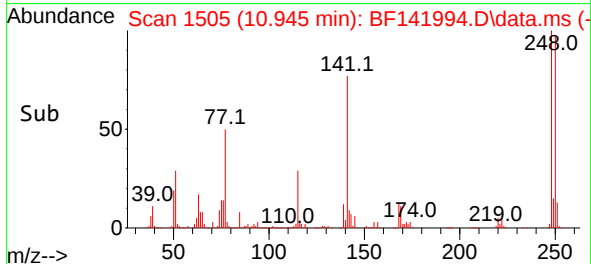
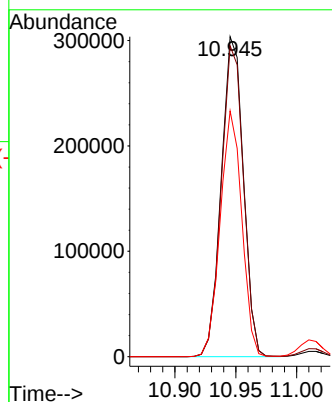
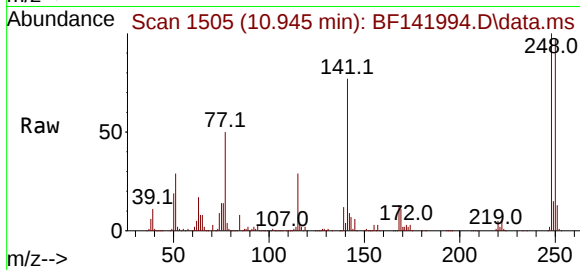




#67  
4-Bromophenyl-phenylether  
Concen: 40.653 ng  
RT: 10.945 min Scan# 1505  
Delta R.T. 0.000 min  
Lab File: BF141994.D  
Acq: 18 Mar 2025 14:30

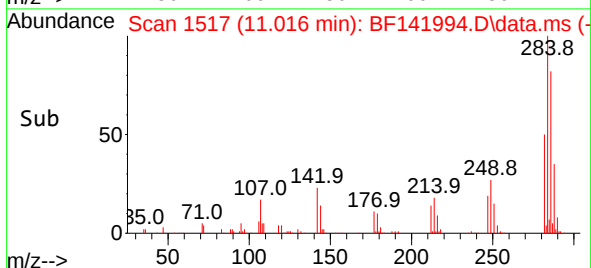
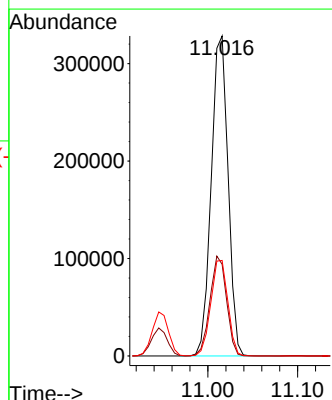
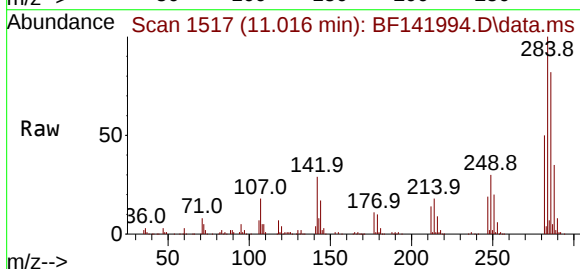
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion:248 Resp: 384478  
Ion Ratio Lower Upper  
248 100  
250 97.2 77.8 116.8  
141 76.8 62.6 93.8



#68  
Hexachlorobenzene  
Concen: 41.181 ng  
RT: 11.016 min Scan# 1517  
Delta R.T. 0.006 min  
Lab File: BF141994.D  
Acq: 18 Mar 2025 14:30

Tgt Ion:284 Resp: 427155  
Ion Ratio Lower Upper  
284 100  
142 28.6 27.0 40.6  
249 29.9 25.2 37.8





#69

Atrazine

Concen: 33.111 ng

RT: 11.098 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF141994.D

Acq: 18 Mar 2025 14:30

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

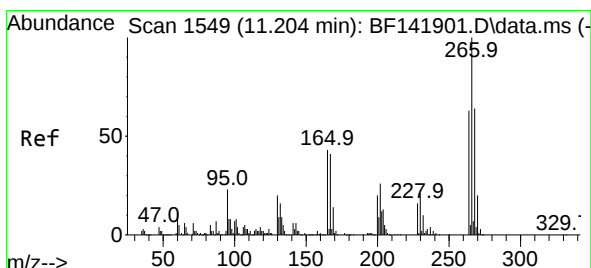
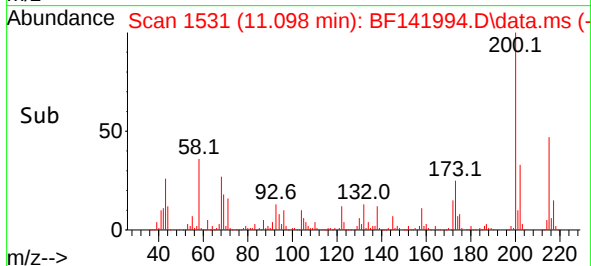
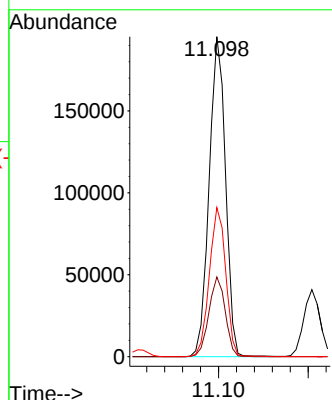
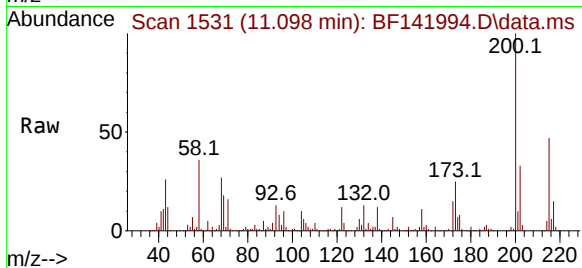
Tgt Ion:200 Resp: 247359

Ion Ratio Lower Upper

200 100

173 24.9 4.7 44.7

215 46.6 25.4 65.4



#70

Pentachlorophenol

Concen: 42.469 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.000 min

Lab File: BF141994.D

Acq: 18 Mar 2025 14:30

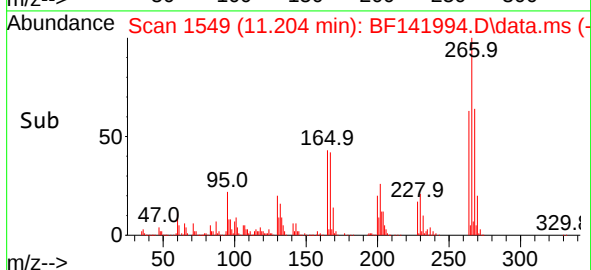
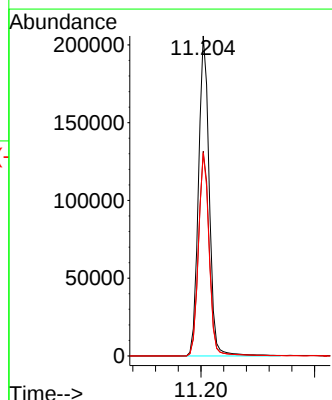
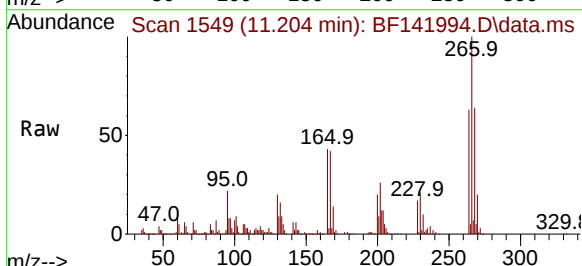
Tgt Ion:266 Resp: 271416

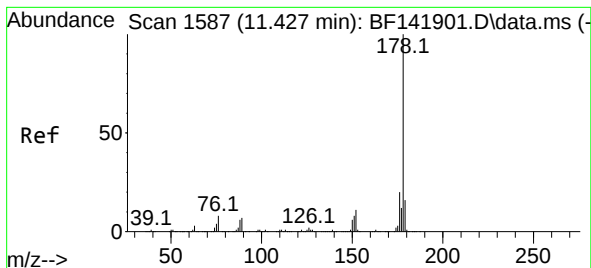
Ion Ratio Lower Upper

266 100

268 64.0 51.0 76.6

264 63.4 50.2 75.2





#71

Phenanthrene

Concen: 38.531 ng

RT: 11.428 min Scan# 1587

Delta R.T. 0.000 min

Lab File: BF141994.D

Acq: 18 Mar 2025 14:30

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

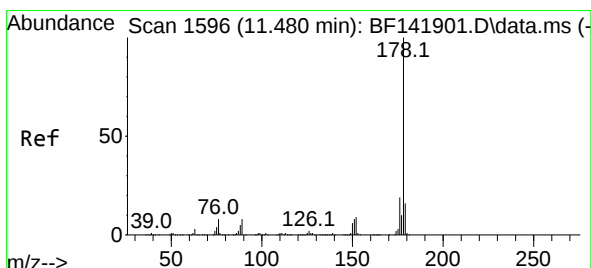
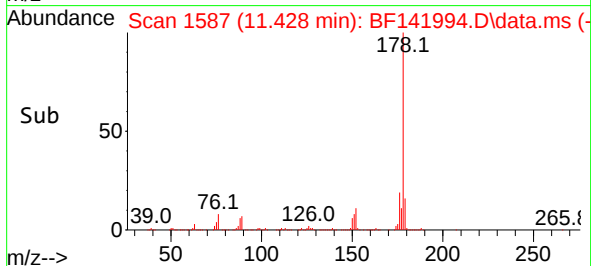
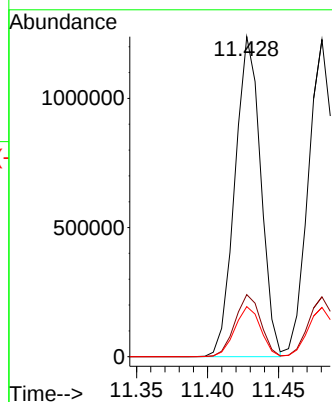
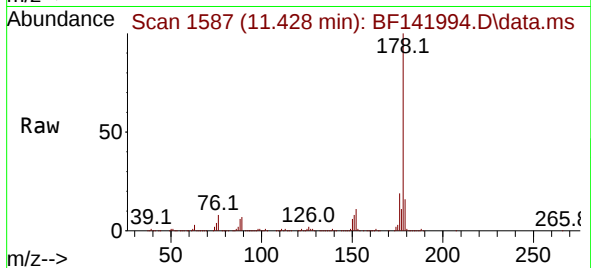
Tgt Ion:178 Resp: 1567239

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.8

179 15.6 12.6 19.0



#72

Anthracene

Concen: 37.946 ng

RT: 11.480 min Scan# 1596

Delta R.T. 0.000 min

Lab File: BF141994.D

Acq: 18 Mar 2025 14:30

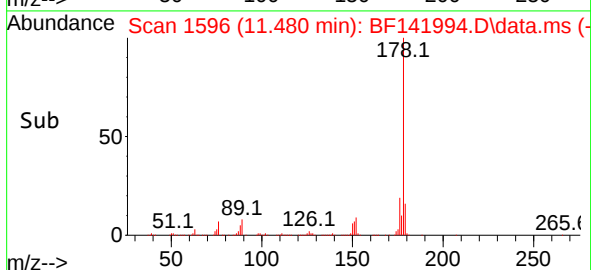
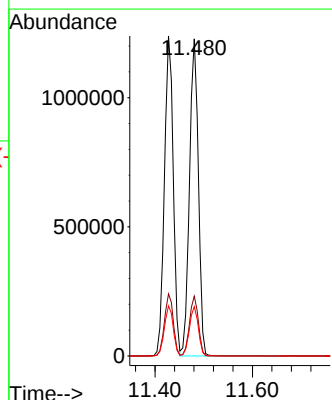
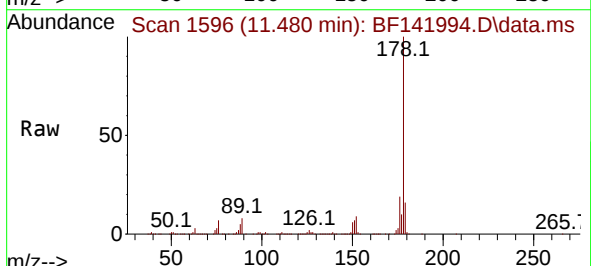
Tgt Ion:178 Resp: 1548481

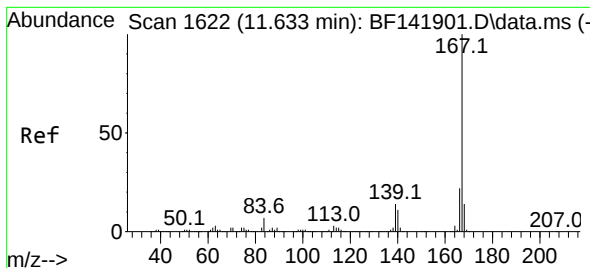
Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

179 15.6 12.6 19.0





#73

Carbazole

Concen: 36.745 ng

RT: 11.633 min Scan# 1622

Delta R.T. 0.000 min

Lab File: BF141994.D

Acq: 18 Mar 2025 14:30

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

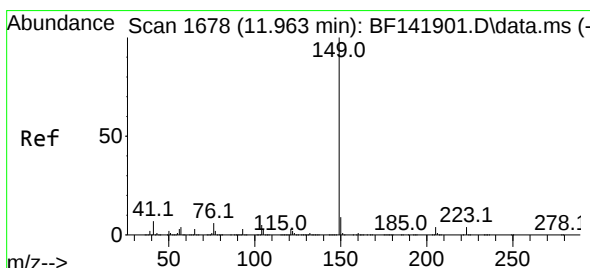
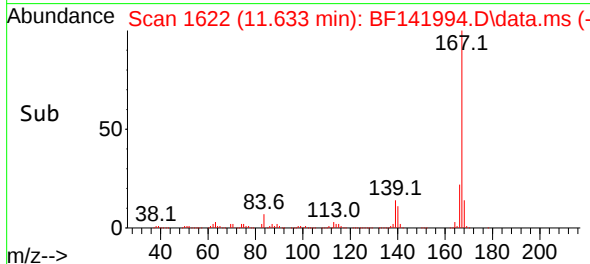
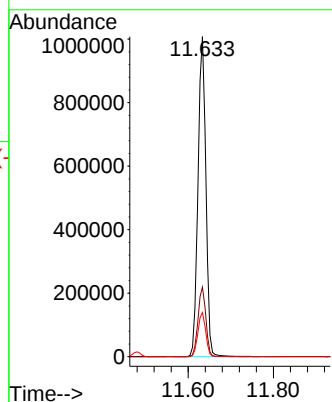
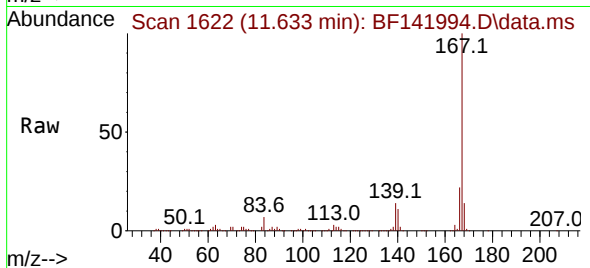
Tgt Ion:167 Resp: 1293169

Ion Ratio Lower Upper

167 100

166 21.8 17.4 26.2

139 13.8 11.0 16.6



#74

Di-n-butylphthalate

Concen: 35.428 ng

RT: 11.963 min Scan# 1678

Delta R.T. 0.000 min

Lab File: BF141994.D

Acq: 18 Mar 2025 14:30

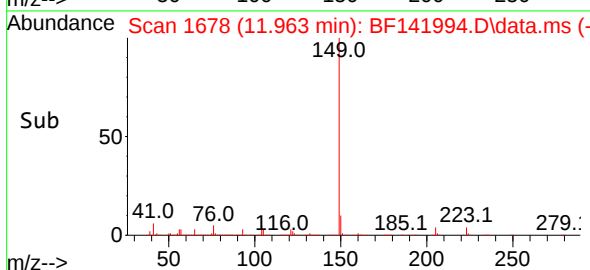
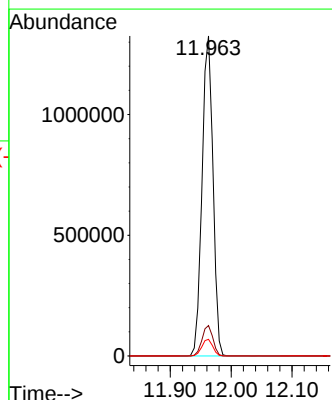
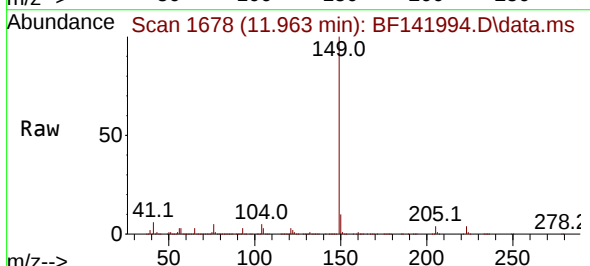
Tgt Ion:149 Resp: 1654382

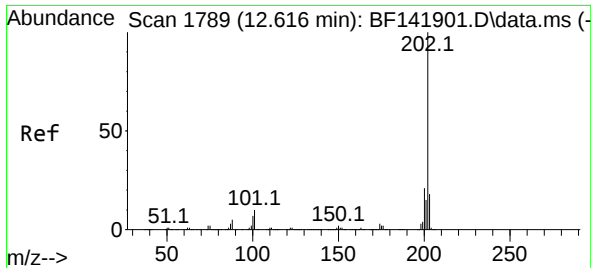
Ion Ratio Lower Upper

149 100

150 9.5 7.6 11.4

104 5.2 4.4 6.6

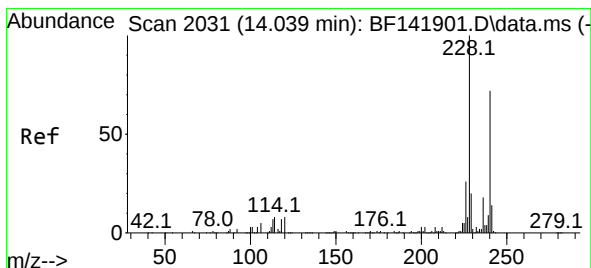
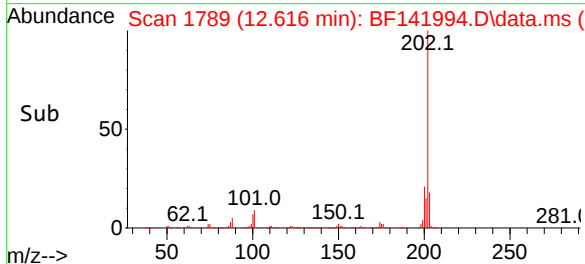
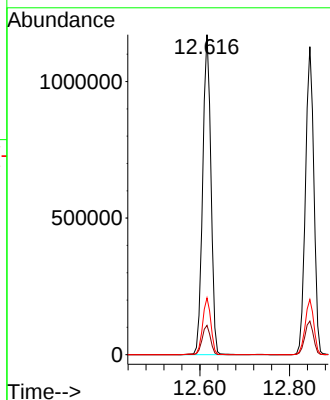
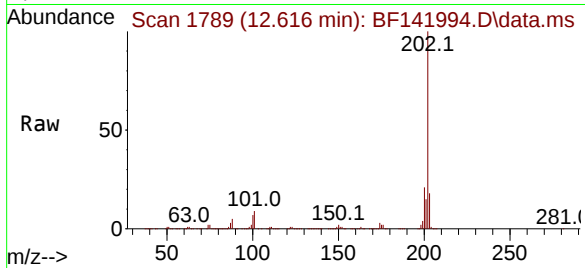




#75  
Fluoranthene  
Concen: 34.474 ng  
RT: 12.616 min Scan# 1789  
Delta R.T. 0.000 min  
Lab File: BF141994.D  
Acq: 18 Mar 2025 14:30

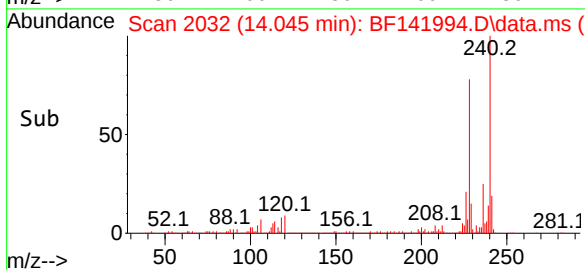
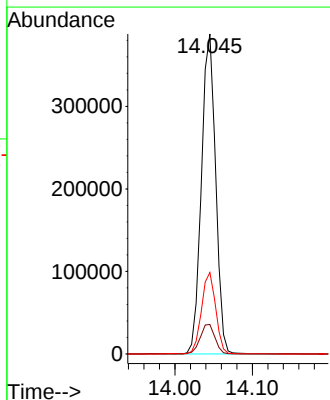
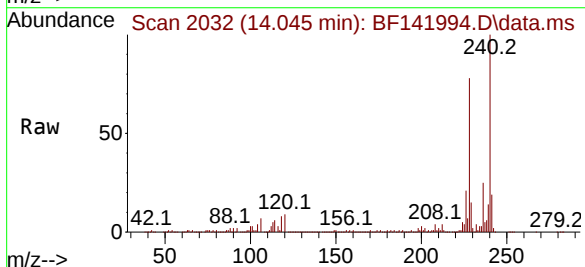
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

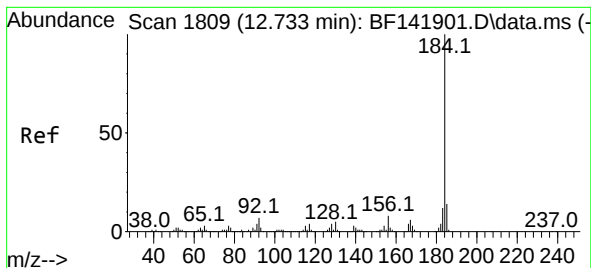
Tgt Ion:202 Resp: 1487447  
Ion Ratio Lower Upper  
202 100  
101 9.1 0.0 29.7  
203 17.7 0.0 37.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.045 min Scan# 2032  
Delta R.T. 0.006 min  
Lab File: BF141994.D  
Acq: 18 Mar 2025 14:30

Tgt Ion:240 Resp: 494707  
Ion Ratio Lower Upper  
240 100  
120 9.2 8.4 12.6  
236 25.5 20.5 30.7





#77

Benzidine

Concen: 38.829 ng

RT: 12.733 min Scan# 1809

Delta R.T. 0.000 min

Lab File: BF141994.D

Acq: 18 Mar 2025 14:30

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

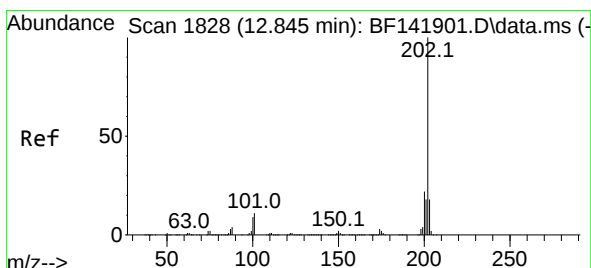
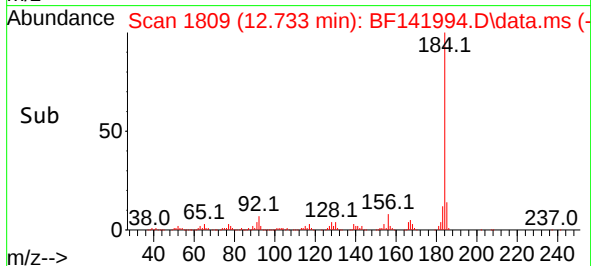
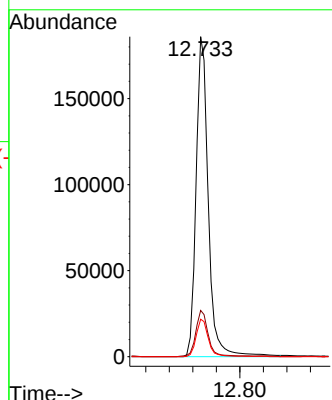
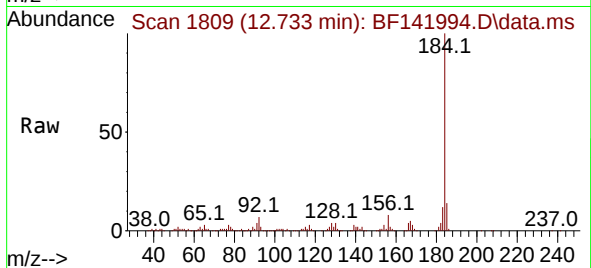
Tgt Ion:184 Resp: 268003

Ion Ratio Lower Upper

184 100

185 14.5 11.5 17.3

183 11.7 9.7 14.5



#78

Pyrene

Concen: 34.121 ng

RT: 12.845 min Scan# 1828

Delta R.T. 0.000 min

Lab File: BF141994.D

Acq: 18 Mar 2025 14:30

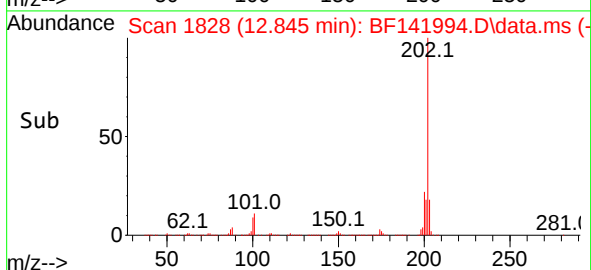
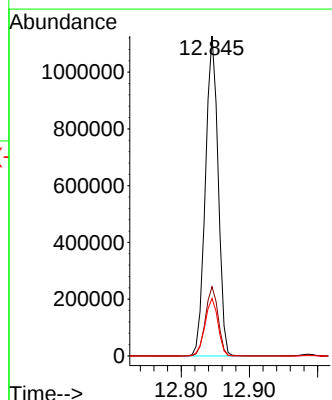
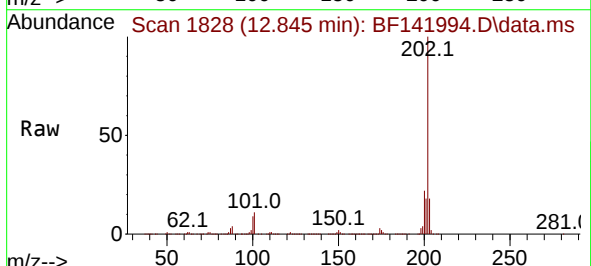
Tgt Ion:202 Resp: 1460125

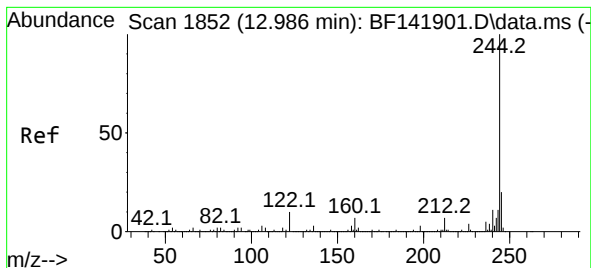
Ion Ratio Lower Upper

202 100

200 21.7 17.3 25.9

203 17.9 14.4 21.6





#79

Terphenyl-d14

Concen: 68.295 ng

RT: 12.986 min Scan# 1852

Delta R.T. 0.000 min

Lab File: BF141994.D

Acq: 18 Mar 2025 14:30

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

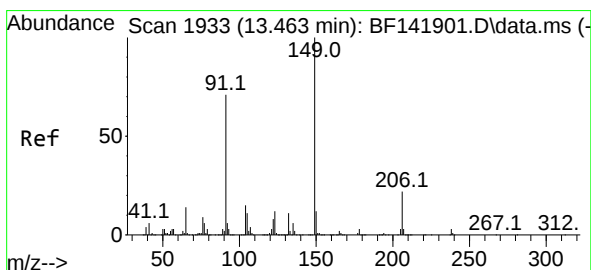
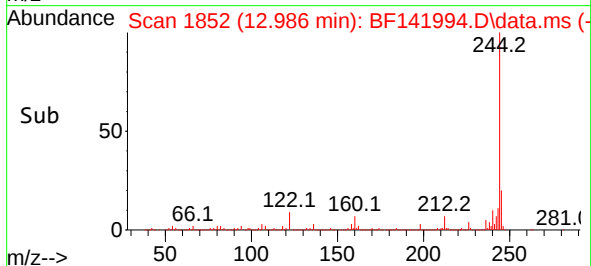
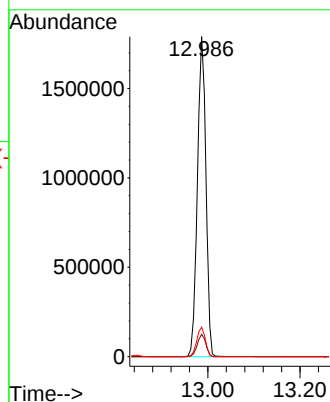
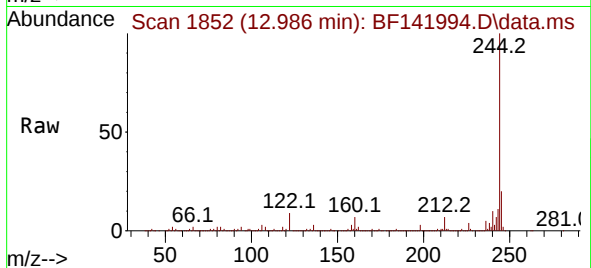
Tgt Ion:244 Resp: 2285237

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

122 9.3 7.7 11.5



#80

Butylbenzylphthalate

Concen: 34.910 ng

RT: 13.457 min Scan# 1932

Delta R.T. -0.006 min

Lab File: BF141994.D

Acq: 18 Mar 2025 14:30

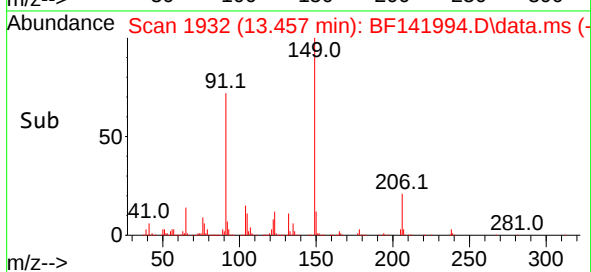
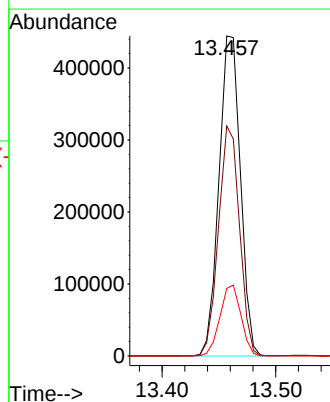
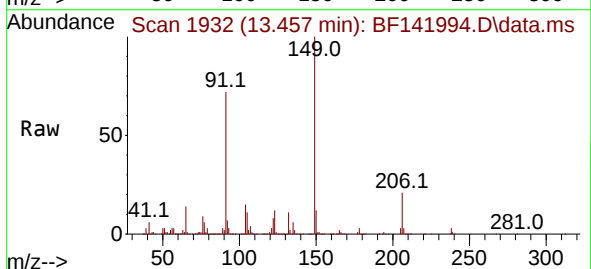
Tgt Ion:149 Resp: 584716

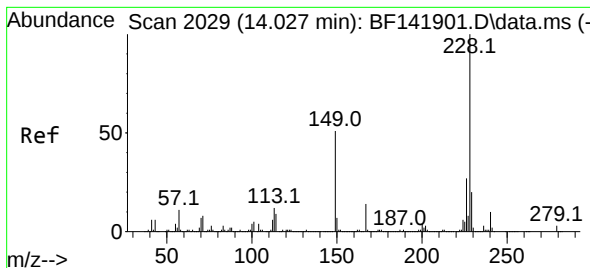
Ion Ratio Lower Upper

149 100

91 71.9 56.5 84.7

206 21.1 17.3 25.9





#81

Benzo(a)anthracene

Concen: 38.315 ng

RT: 14.033 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF141994.D

Acq: 18 Mar 2025 14:30

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

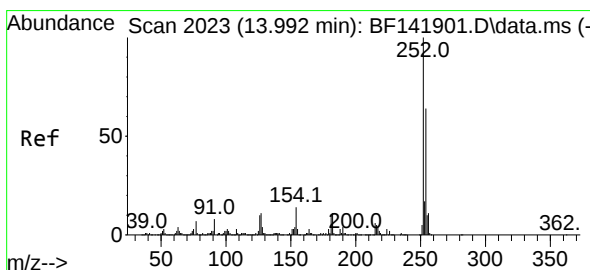
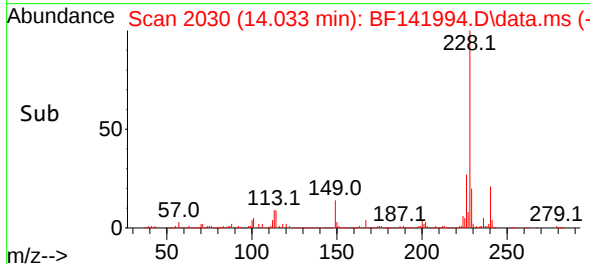
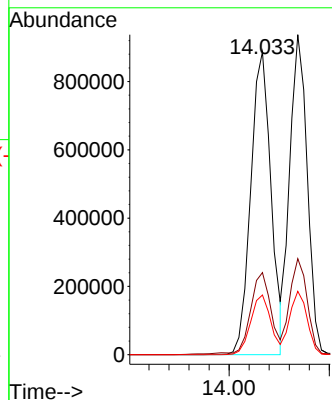
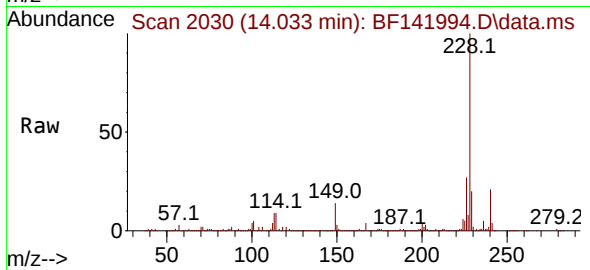
Tgt Ion:228 Resp: 1243808

Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.8

229 19.7 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 43.496 ng

RT: 13.992 min Scan# 2023

Delta R.T. 0.000 min

Lab File: BF141994.D

Acq: 18 Mar 2025 14:30

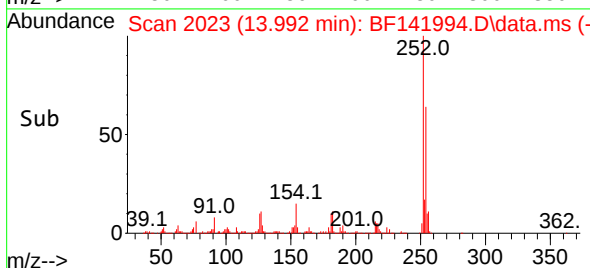
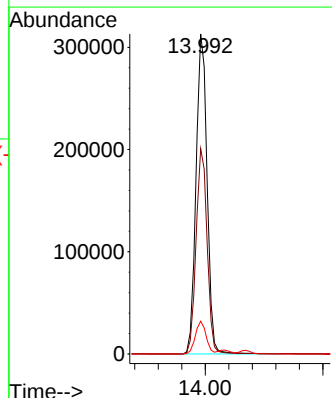
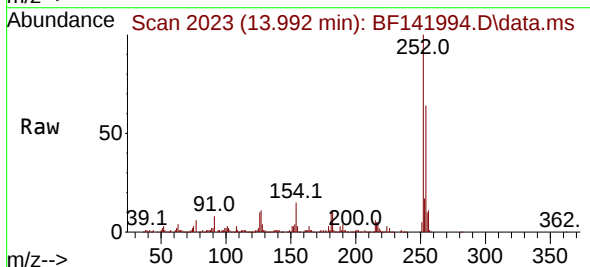
Tgt Ion:252 Resp: 408051

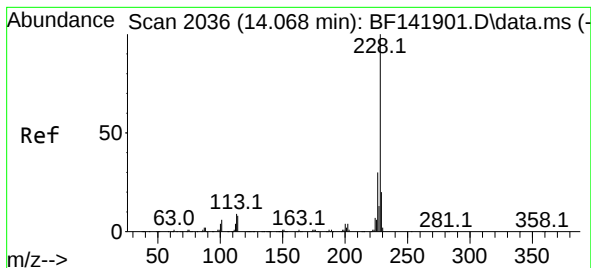
Ion Ratio Lower Upper

252 100

254 64.1 51.0 76.6

126 10.3 8.4 12.6





#83

Chrysene

Concen: 38.748 ng

RT: 14.069 min Scan# 2036

Delta R.T. 0.000 min

Lab File: BF141994.D

Acq: 18 Mar 2025 14:30

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

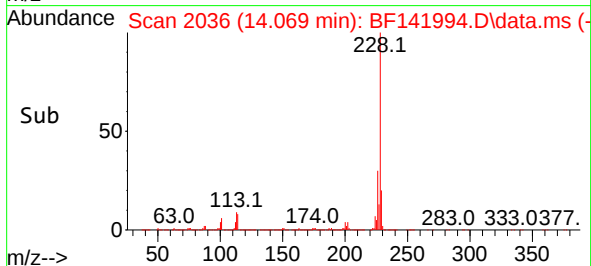
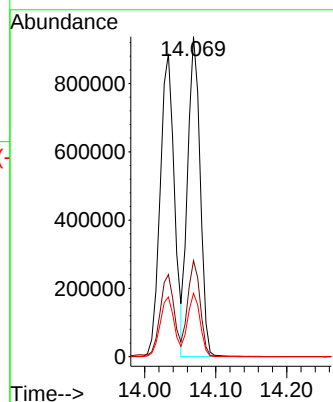
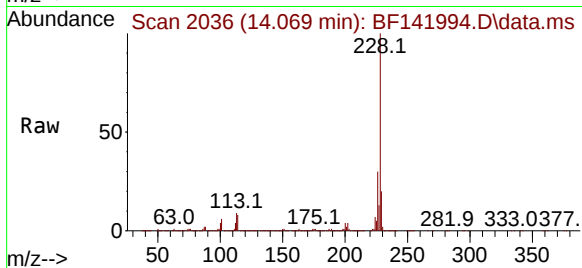
Tgt Ion:228 Resp: 1140228

Ion Ratio Lower Upper

228 100

226 30.0 24.1 36.1

229 19.8 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.815 ng

RT: 14.016 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF141994.D

Acq: 18 Mar 2025 14:30

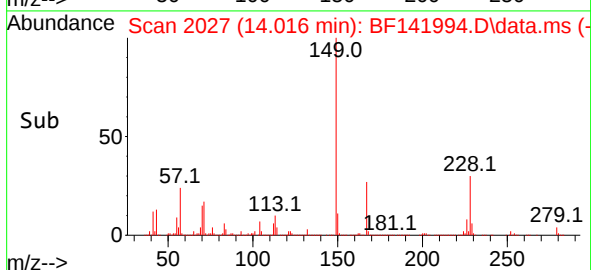
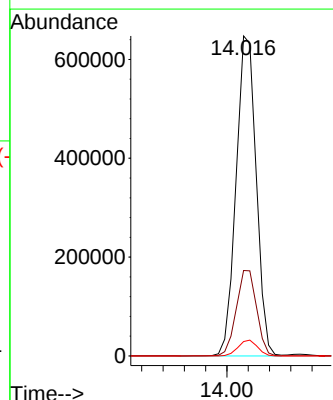
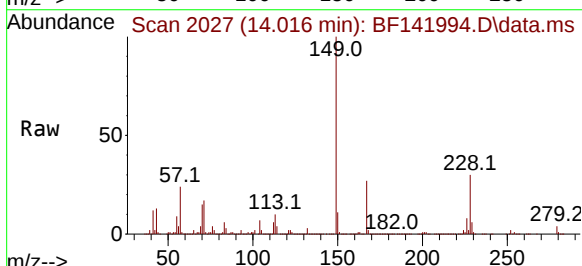
Tgt Ion:149 Resp: 850191

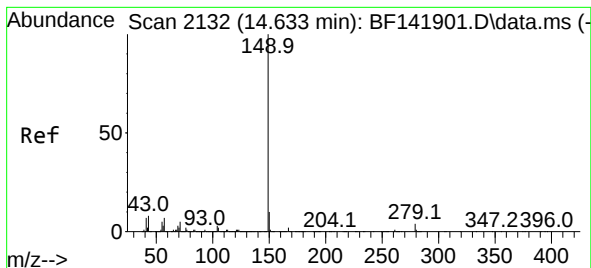
Ion Ratio Lower Upper

149 100

167 26.7 21.4 32.0

279 4.5 3.8 5.6

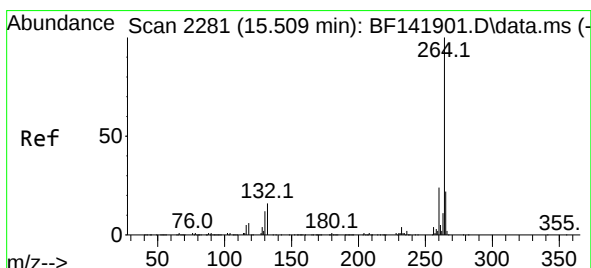
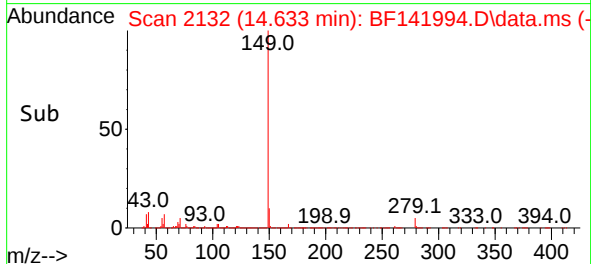
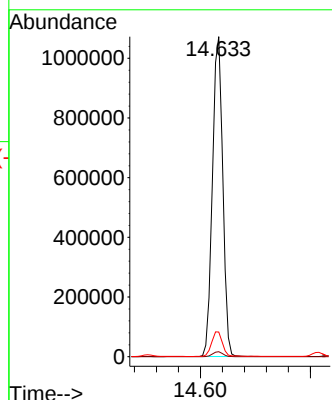
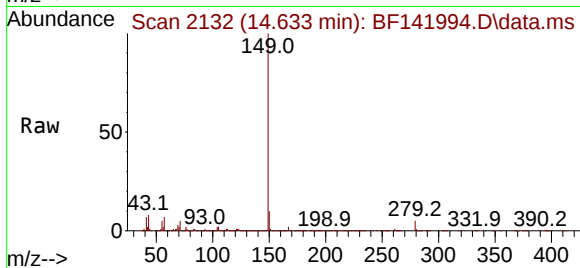




#85  
Di-n-octyl phthalate  
Concen: 43.530 ng  
RT: 14.633 min Scan# 2132  
Delta R.T. 0.000 min  
Lab File: BF141994.D  
Acq: 18 Mar 2025 14:30

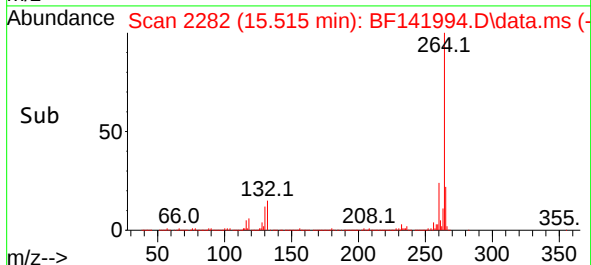
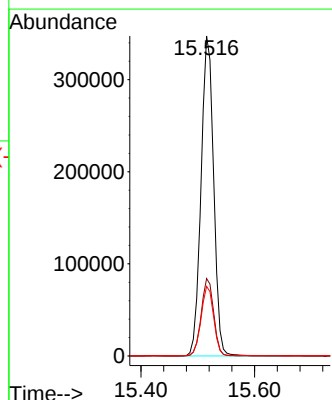
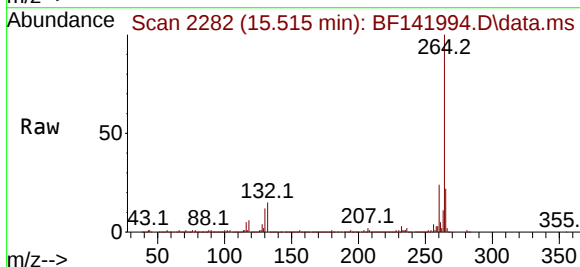
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

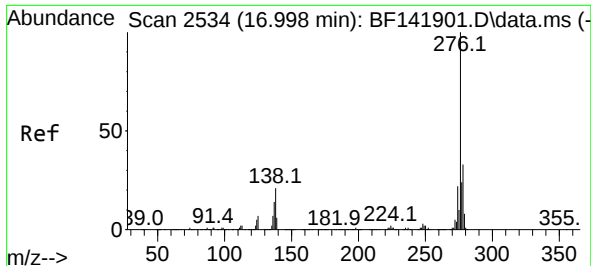
Tgt Ion:149 Resp: 1398724  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 8.2 6.9 10.3



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.515 min Scan# 2282  
Delta R.T. 0.006 min  
Lab File: BF141994.D  
Acq: 18 Mar 2025 14:30

Tgt Ion:264 Resp: 535575  
Ion Ratio Lower Upper  
264 100  
260 24.2 19.1 28.7  
265 21.8 17.5 26.3

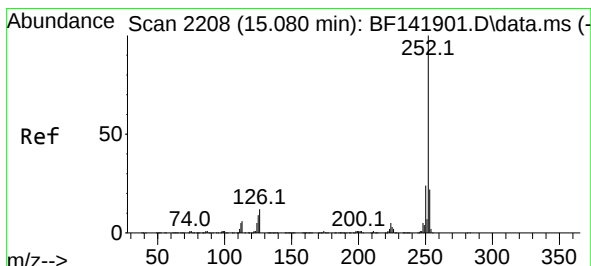
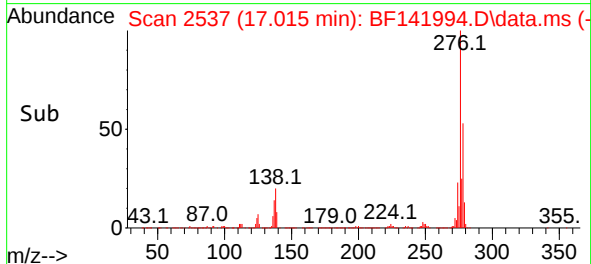
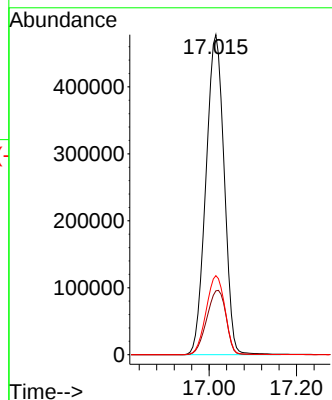
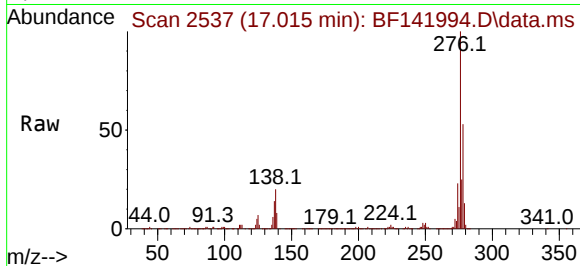




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 39.997 ng  
 RT: 17.015 min Scan# 21  
 Delta R.T. 0.018 min  
 Lab File: BF141994.D  
 Acq: 18 Mar 2025 14:30

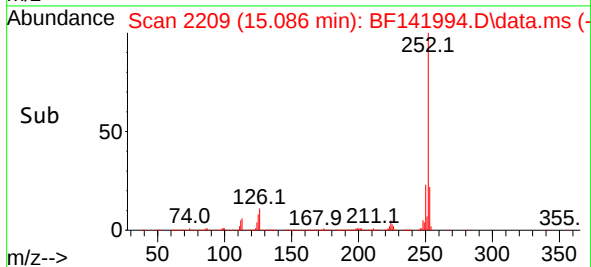
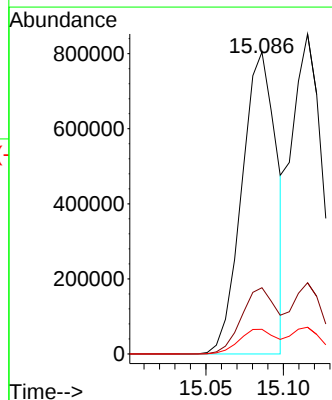
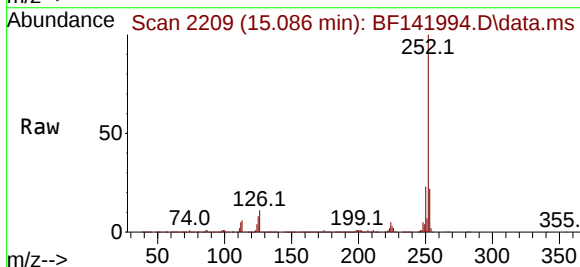
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040EC

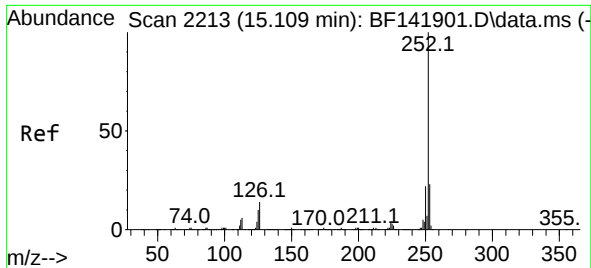
Tgt Ion:276 Resp: 1385704  
 Ion Ratio Lower Upper  
 276 100  
 138 21.4 18.4 27.6  
 277 25.5 20.3 30.5



#88  
 Benzo(b)fluoranthene  
 Concen: 34.071 ng  
 RT: 15.086 min Scan# 2209  
 Delta R.T. 0.006 min  
 Lab File: BF141994.D  
 Acq: 18 Mar 2025 14:30

Tgt Ion:252 Resp: 1250628  
 Ion Ratio Lower Upper  
 252 100  
 253 21.9 17.5 26.3  
 125 8.1 7.0 10.4

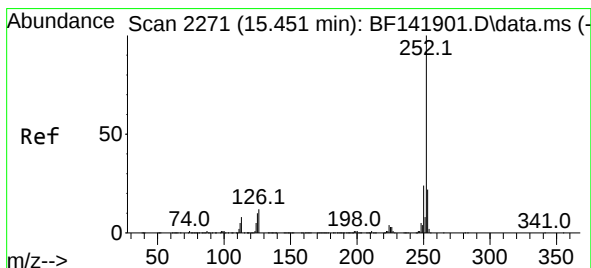
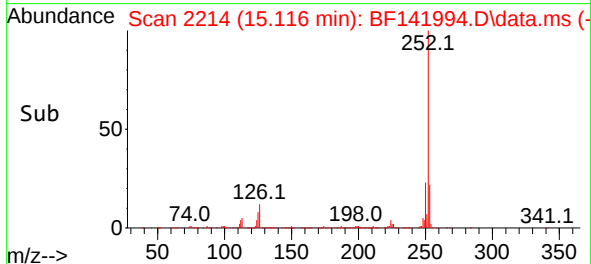
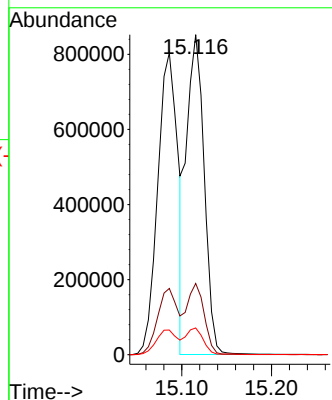
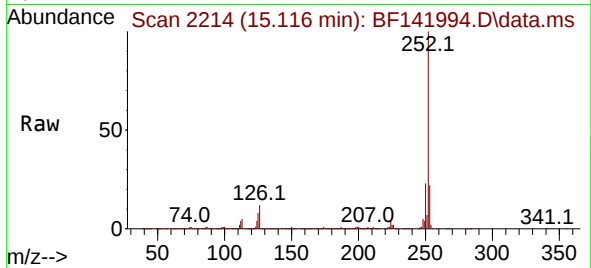




#89  
Benzo(k)fluoranthene  
Concen: 37.042 ng  
RT: 15.116 min Scan# 2214  
Delta R.T. 0.006 min  
Lab File: BF141994.D  
Acq: 18 Mar 2025 14:30

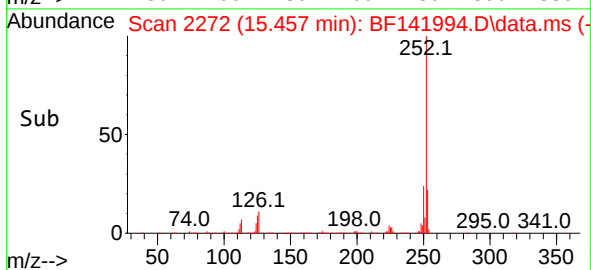
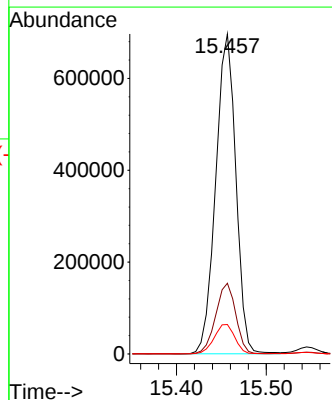
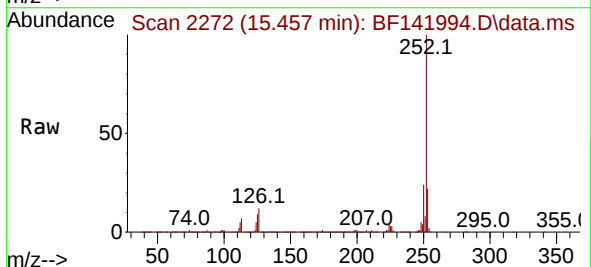
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040EC

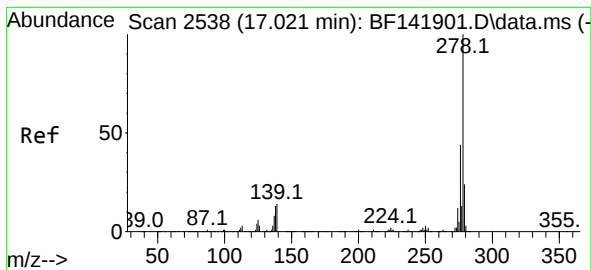
Tgt Ion:252 Resp: 1163553  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.7 26.5  
125 8.3 7.2 10.8



#90  
Benzo(a)pyrene  
Concen: 37.800 ng  
RT: 15.457 min Scan# 2272  
Delta R.T. 0.006 min  
Lab File: BF141994.D  
Acq: 18 Mar 2025 14:30

Tgt Ion:252 Resp: 1085663  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.4 26.0  
125 9.2 7.8 11.8





#91

Dibenzo(a,h)anthracene

Concen: 40.065 ng

RT: 17.033 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF141994.D

Acq: 18 Mar 2025 14:30

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040EC

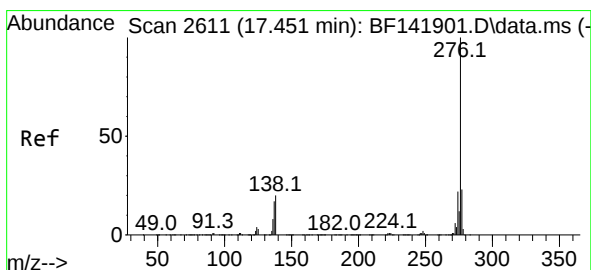
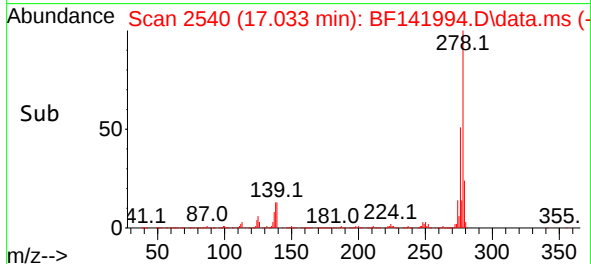
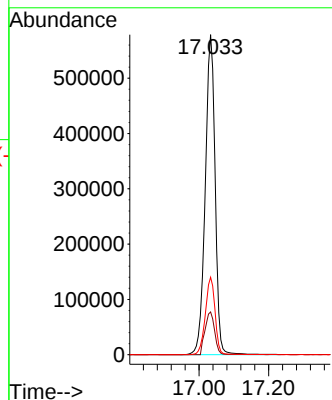
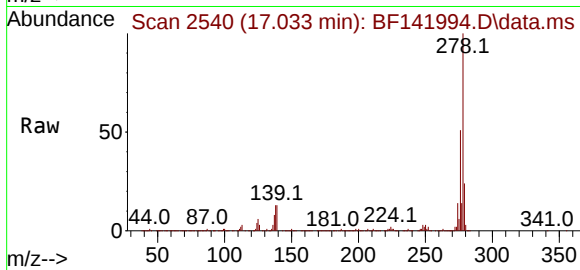
Tgt Ion:278 Resp: 1145269

Ion Ratio Lower Upper

278 100

139 13.4 11.4 17.2

279 24.2 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 39.857 ng

RT: 17.468 min Scan# 2614

Delta R.T. 0.018 min

Lab File: BF141994.D

Acq: 18 Mar 2025 14:30

Tgt Ion:276 Resp: 1125885

Ion Ratio Lower Upper

276 100

277 23.5 18.7 28.1

138 18.1 15.8 23.8

