

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030725\  
 Data File : BF141882.D  
 Acq On : 07 Mar 2025 08:56  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Mar 07 09:59:39 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022725.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 28 01:48:16 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.887  | 152  | 205331   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.169  | 136  | 782990   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.922  | 164  | 424782   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.404 | 188  | 725251   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.045 | 240  | 490278   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 15.516 | 264  | 391726   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.499  | 112  | 1031377  | 80.217  | ng    | 0.00     |
| 7) Phenol-d6                  | 6.510  | 99   | 1296674  | 77.483  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.451  | 82   | 1184936  | 96.733  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.710 | 330  | 442578   | 110.979 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.245  | 172  | 2257414  | 85.212  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.992 | 244  | 2645443  | 87.300  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.687  | 88   | 224036   | 38.402  | ng    | 94       |
| 3) Pyridine                   | 3.452  | 79   | 553758   | 38.149  | ng    | 94       |
| 4) n-Nitrosodimethylamine     | 3.405  | 42   | 267805   | 38.344  | ng    | # 95     |
| 6) Aniline                    | 6.551  | 93   | 641254   | 36.857  | ng    | 99       |
| 8) 2-Chlorophenol             | 6.669  | 128  | 553709   | 39.810  | ng    | 98       |
| 9) Benzaldehyde               | 6.440  | 77   | 321005   | 32.976  | ng    | 98       |
| 10) Phenol                    | 6.522  | 94   | 685809   | 38.350  | ng    | 94       |
| 11) bis(2-Chloroethyl)ether   | 6.622  | 93   | 498913   | 36.600  | ng    | 95       |
| 12) 1,3-Dichlorobenzene       | 6.828  | 146  | 601225   | 40.364  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.904  | 146  | 610492   | 40.677  | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 7.057  | 146  | 568639   | 40.575  | ng    | 100      |
| 15) Benzyl Alcohol            | 7.022  | 79   | 523102   | 39.112  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.163  | 45   | 591614   | 28.578  | ng    | 93       |
| 17) 2-Methylphenol            | 7.134  | 107  | 442917   | 38.580  | ng    | 97       |
| 18) Hexachloroethane          | 7.398  | 117  | 226945   | 40.401  | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 7.298  | 70   | 389005   | 35.361  | ng    | 97       |
| 20) 3+4-Methylphenols         | 7.287  | 107  | 561800   | 39.298  | ng    | # 90     |
| 22) Acetophenone              | 7.298  | 105  | 768440   | 40.296  | ng    | 96       |
| 24) Nitrobenzene              | 7.469  | 77   | 588671   | 44.877  | ng    | 98       |
| 25) Isophorone                | 7.704  | 82   | 983654   | 37.378  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.781  | 139  | 297950   | 50.577  | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 7.816  | 122  | 390066   | 40.322  | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 7.916  | 93   | 609152   | 36.287  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.022  | 162  | 475142   | 42.576  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.110  | 180  | 519011   | 42.442  | ng    | 99       |
| 31) Naphthalene               | 8.193  | 128  | 1645331  | 40.885  | ng    | 100      |
| 32) Benzoic acid              | 7.934  | 122  | 382129   | 47.436  | ng    | 99       |
| 33) 4-Chloroaniline           | 8.234  | 127  | 578275   | 39.191  | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.304  | 225  | 335125   | 44.100  | ng    | 98       |
| 35) Caprolactam               | 8.610  | 113  | 146525   | 42.679  | ng    | # 85     |
| 36) 4-Chloro-3-methylphenol   | 8.710  | 107  | 530951   | 42.828  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.881  | 142  | 1066463  | 40.403  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.981  | 142  | 1032881  | 40.781  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.045  | 216  | 529113   | 43.129  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.034  | 237  | 222751   | 43.507  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.151  | 196  | 346714   | 43.751  | ng    | 99       |

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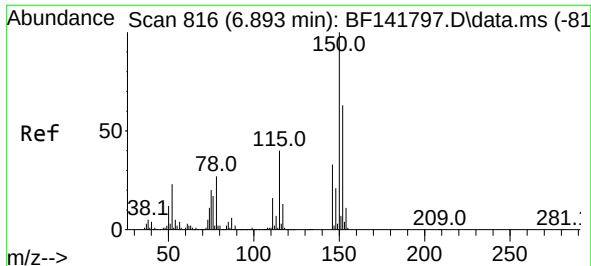
Quant Time: Mar 07 09:59:39 2025  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 28 01:48:16 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.192  | 196  | 370446   | 47.207 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.345  | 154  | 1325077  | 40.983 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.369  | 162  | 995170   | 41.702 | ng    | 100      |
| 48) 2-Nitroaniline            | 9.463  | 65   | 310512   | 47.578 | ng    | 95       |
| 49) Acenaphthylene            | 9.787  | 152  | 1482184  | 41.425 | ng    | 100      |
| 50) Dimethylphthalate         | 9.645  | 163  | 1195459  | 42.024 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.704  | 165  | 263902   | 48.466 | ng    | 94       |
| 52) Acenaphthene              | 9.957  | 154  | 1065668  | 44.141 | ng    | 98       |
| 53) 3-Nitroaniline            | 9.875  | 138  | 279903   | 48.270 | ng    | # 93     |
| 54) 2,4-Dinitrophenol         | 9.975  | 184  | 150349   | 64.789 | ng    | # 1      |
| 55) Dibenzofuran              | 10.128 | 168  | 1447705  | 41.199 | ng    | 98       |
| 56) 4-Nitrophenol             | 10.022 | 139  | 233707   | 55.625 | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 10.104 | 165  | 352174   | 52.617 | ng    | 95       |
| 58) Fluorene                  | 10.469 | 166  | 1131091  | 42.973 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.239 | 232  | 325495   | 47.692 | ng    | 99       |
| 60) Diethylphthalate          | 10.339 | 149  | 1196331  | 41.951 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.463 | 204  | 576098   | 43.684 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.486 | 138  | 278576   | 57.344 | ng    | 95       |
| 63) Azobenzene                | 10.622 | 77   | 1132824  | 37.727 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.516 | 198  | 203648   | 57.660 | ng    | 88       |
| 66) n-Nitrosodiphenylamine    | 10.581 | 169  | 958807   | 40.261 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.951 | 248  | 363416   | 42.900 | ng    | 99       |
| 68) Hexachlorobenzene         | 11.016 | 284  | 405812   | 45.366 | ng    | 97       |
| 69) Atrazine                  | 11.104 | 200  | 225851   | 34.487 | ng    | 99       |
| 70) Pentachlorophenol         | 11.204 | 266  | 283509   | 49.971 | ng    | 100      |
| 71) Phenanthrene              | 11.433 | 178  | 1627067  | 41.941 | ng    | 99       |
| 72) Anthracene                | 11.486 | 178  | 1625869  | 41.818 | ng    | 99       |
| 73) Carbazole                 | 11.633 | 167  | 1464842  | 42.664 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.963 | 149  | 1777768  | 40.848 | ng    | 100      |
| 75) Fluoranthene              | 12.616 | 202  | 1741431  | 43.809 | ng    | 97       |
| 77) Benzidine                 | 12.739 | 184  | 334863   | 54.265 | ng    | 100      |
| 78) Pyrene                    | 12.845 | 202  | 1750834  | 41.240 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.463 | 149  | 675703   | 43.806 | ng    | 97       |
| 81) Benzo(a)anthracene        | 14.033 | 228  | 1314838  | 40.602 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 13.992 | 252  | 389271   | 41.897 | ng    | 99       |
| 83) Chrysene                  | 14.069 | 228  | 1218583  | 40.821 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.022 | 149  | 866982   | 45.141 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.633 | 149  | 1171115  | 40.729 | ng    | 96       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.004 | 276  | 1076120  | 43.142 | ng    | 94       |
| 88) Benzo(b)fluoranthene      | 15.080 | 252  | 1123711  | 42.113 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 15.110 | 252  | 906957   | 39.990 | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.451 | 252  | 879490   | 41.098 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 17.021 | 278  | 877994   | 43.122 | ng    | # 95     |
| 92) Benzo(g,h,i)perylene      | 17.457 | 276  | 902824   | 43.283 | ng    | # 95     |

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

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QLast Update : Fri Feb 28 01:48:16 2025  
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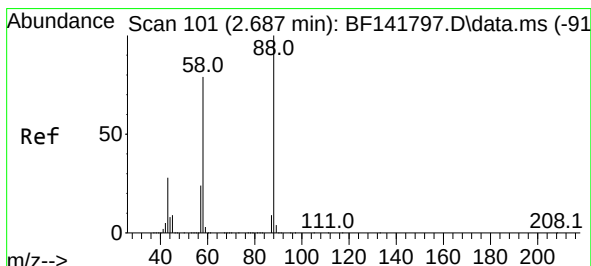
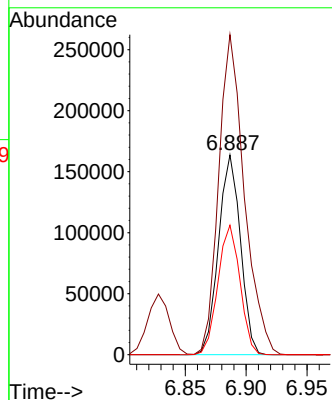
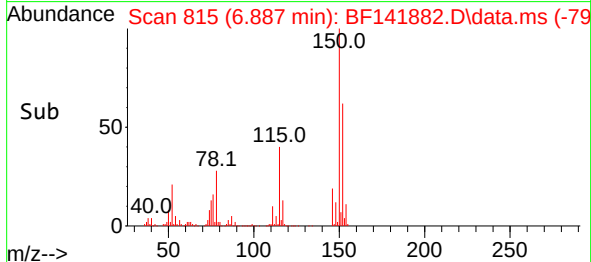
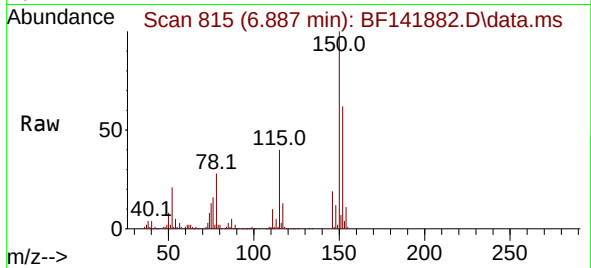




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.887 min Scan# 816  
 Delta R.T. -0.006 min  
 Lab File: BF141882.D  
 Acq: 07 Mar 2025 08:56

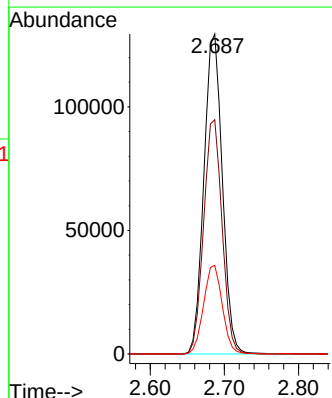
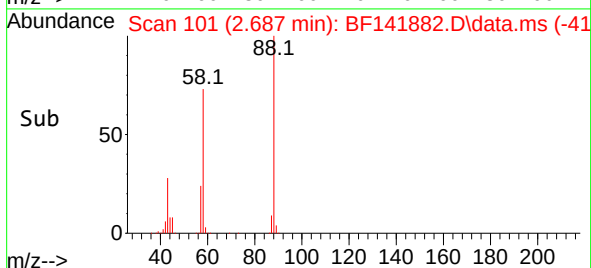
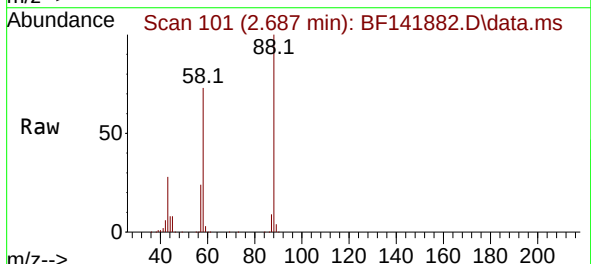
Instrument :  
 BNA\_F  
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 SSTDCCC040

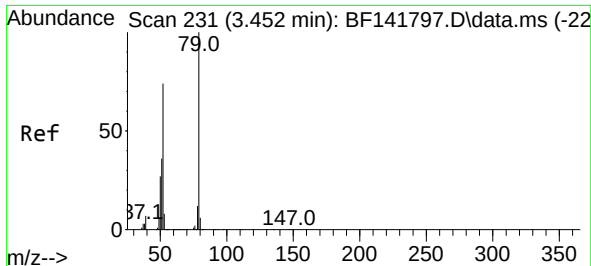
Tgt Ion:152 Resp: 205331  
 Ion Ratio Lower Upper  
 152 100  
 150 160.3 127.5 191.3  
 115 64.9 51.4 77.2



#2  
 1,4-Dioxane  
 Concen: 38.402 ng  
 RT: 2.687 min Scan# 101  
 Delta R.T. 0.000 min  
 Lab File: BF141882.D  
 Acq: 07 Mar 2025 08:56

Tgt Ion: 88 Resp: 224036  
 Ion Ratio Lower Upper  
 88 100  
 58 73.0 63.9 95.9  
 43 28.2 23.0 34.6





#3

Pyridine

Concen: 38.149 ng

RT: 3.452 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF141882.D

Acq: 07 Mar 2025 08:56

Instrument :

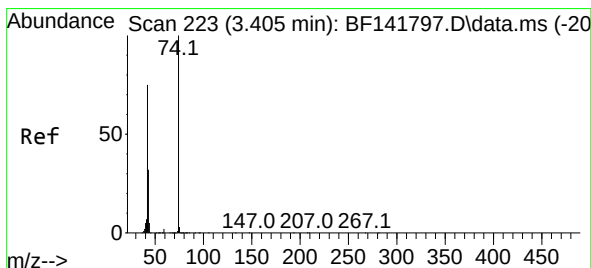
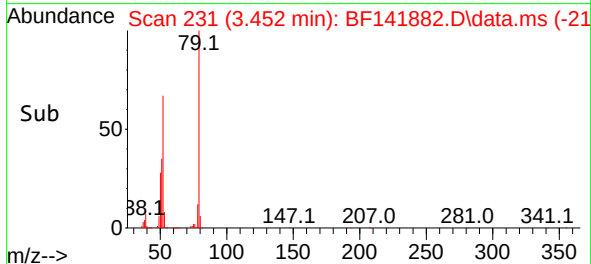
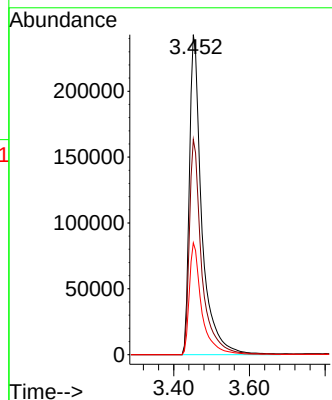
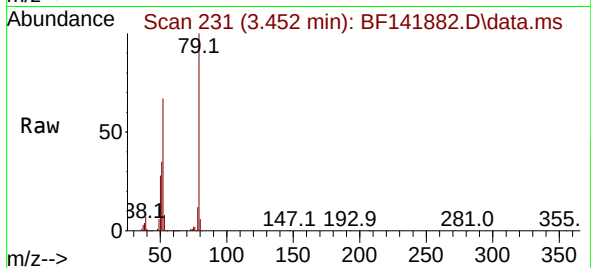
BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 553758

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 52  | 67.2  | 59.0  | 88.4  |
| 51  | 34.9  | 29.0  | 43.4  |



#4

n-Nitrosodimethylamine

Concen: 38.344 ng

RT: 3.405 min Scan# 223

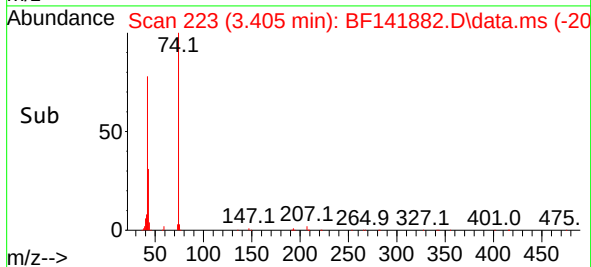
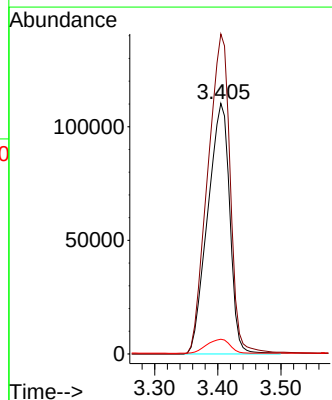
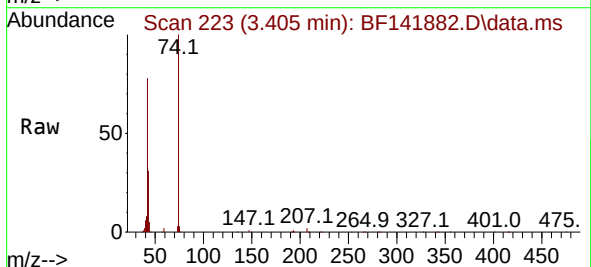
Delta R.T. 0.000 min

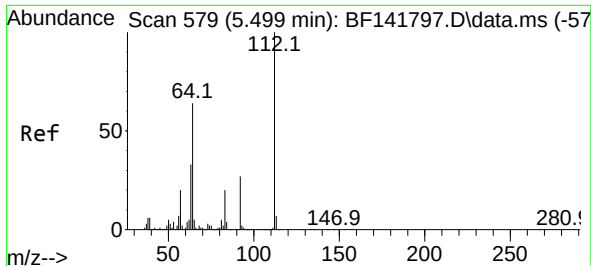
Lab File: BF141882.D

Acq: 07 Mar 2025 08:56

Tgt Ion: 42 Resp: 267805

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 74  | 127.7 | 107.1 | 160.7 |
| 44  | 5.9   | 6.6   | 9.8   |

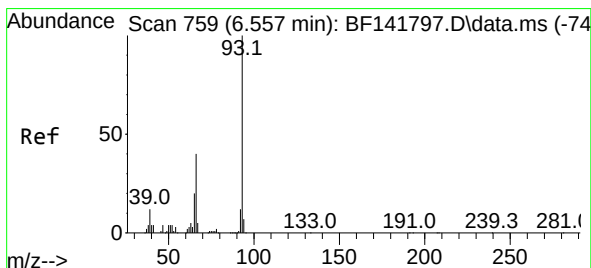
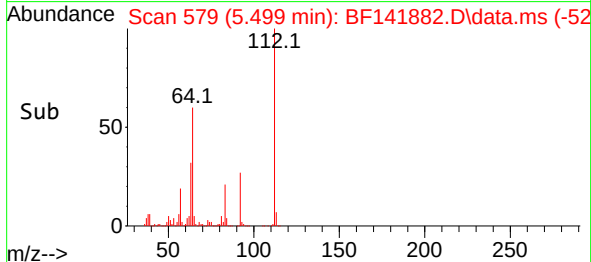
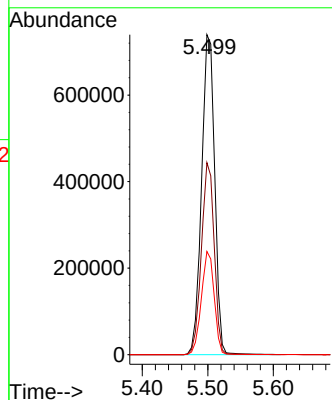
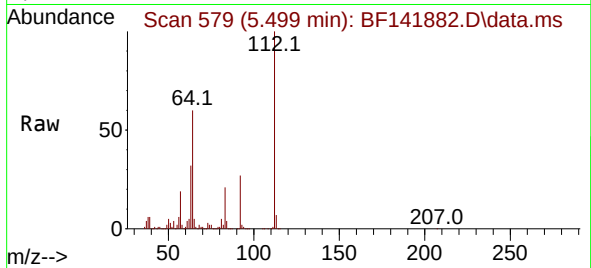




#5  
2-Fluorophenol  
Concen: 80.217 ng  
RT: 5.499 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: BF141882.D  
Acq: 07 Mar 2025 08:56

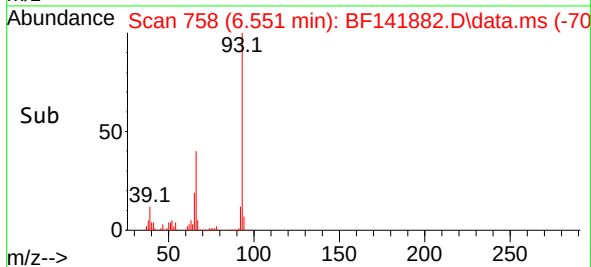
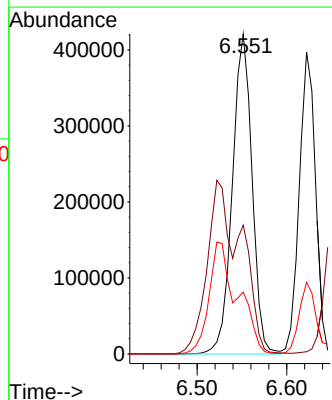
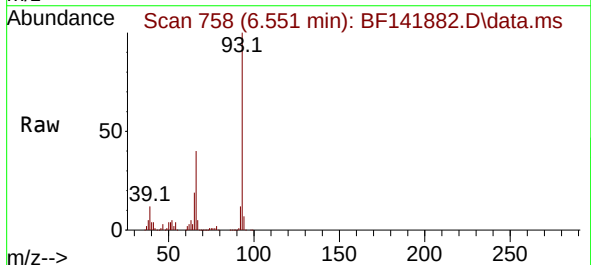
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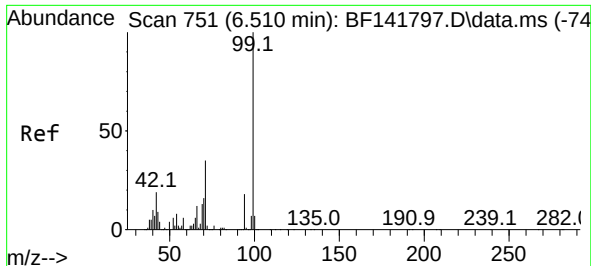
Tgt Ion:112 Resp: 1031377  
Ion Ratio Lower Upper  
112 100  
64 60.0 51.3 76.9  
63 32.2 26.2 39.4



#6  
Aniline  
Concen: 36.857 ng  
RT: 6.551 min Scan# 758  
Delta R.T. -0.006 min  
Lab File: BF141882.D  
Acq: 07 Mar 2025 08:56

Tgt Ion: 93 Resp: 641254  
Ion Ratio Lower Upper  
93 100  
66 40.2 32.3 48.5  
65 19.3 15.9 23.9





#7

Phenol-d6

Concen: 77.483 ng

RT: 6.510 min Scan# 751

Delta R.T. 0.000 min

Lab File: BF141882.D

Acq: 07 Mar 2025 08:56

Instrument :

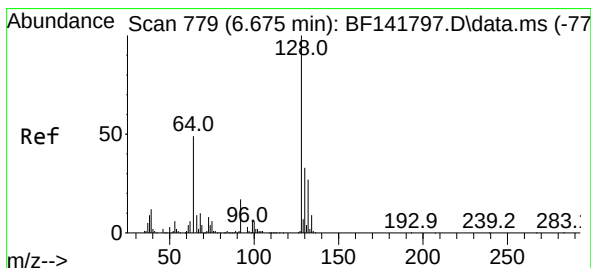
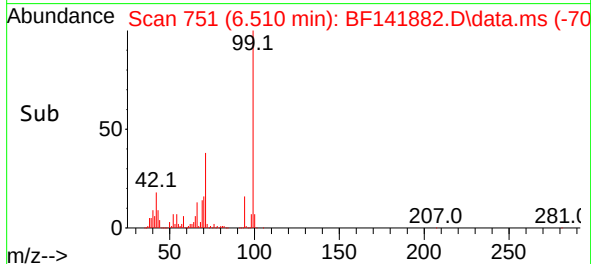
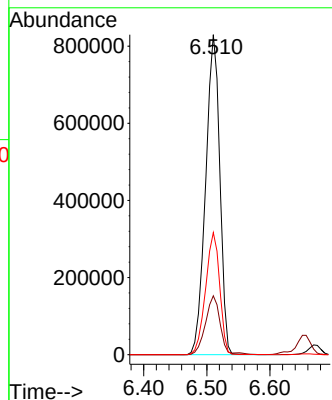
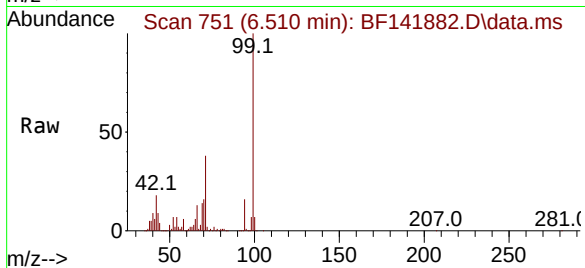
BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 99 Resp: 1296674

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 18.4  | 15.2  | 22.8  |
| 71  | 38.2  | 28.2  | 42.2  |



#8

2-Chlorophenol

Concen: 39.810 ng

RT: 6.669 min Scan# 778

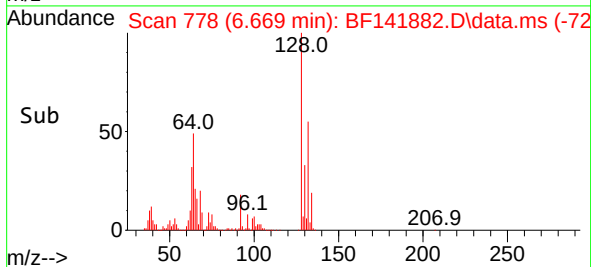
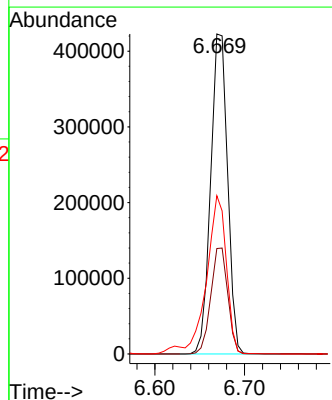
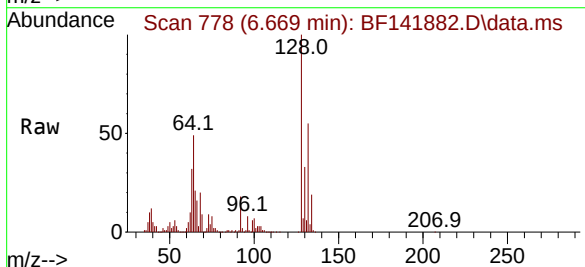
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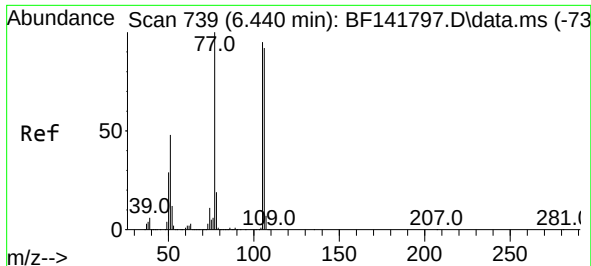
Lab File: BF141882.D

Acq: 07 Mar 2025 08:56

Tgt Ion: 128 Resp: 553709

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.9  | 12.6  | 52.6  |
| 64  | 49.5  | 31.1  | 71.1  |

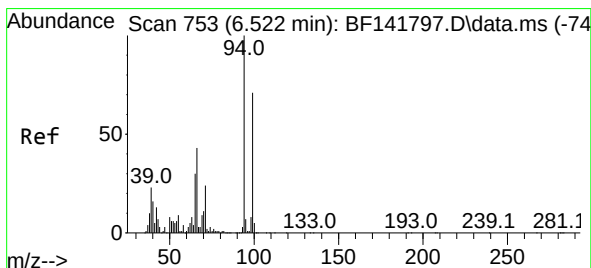
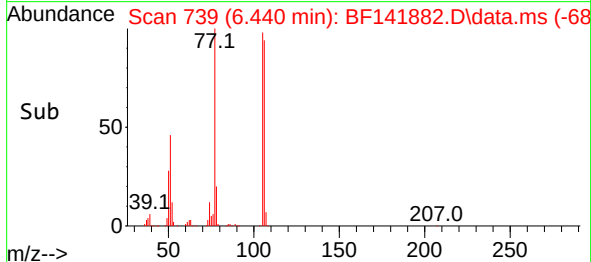
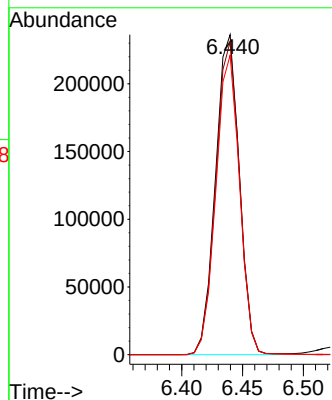
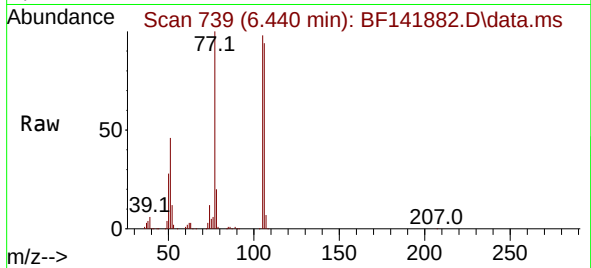




#9  
Benzaldehyde  
Concen: 32.976 ng  
RT: 6.440 min Scan# 739  
Delta R.T. 0.000 min  
Lab File: BF141882.D  
Acq: 07 Mar 2025 08:56

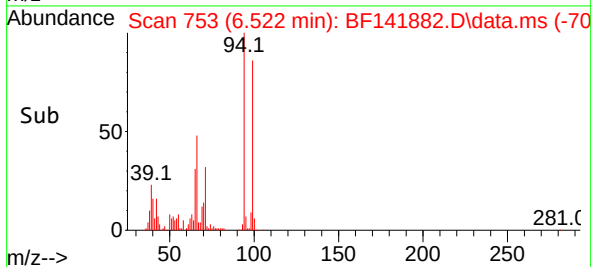
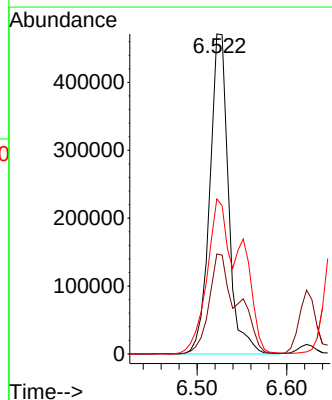
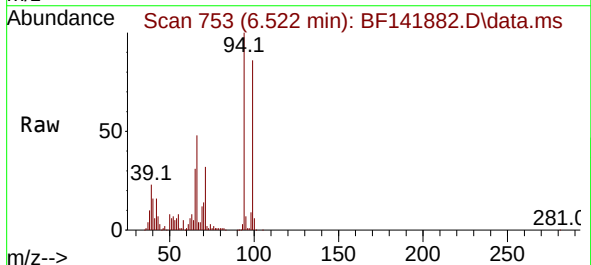
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 77 Resp: 321005  
Ion Ratio Lower Upper  
77 100  
105 97.8 75.3 115.3  
106 93.6 72.3 112.3

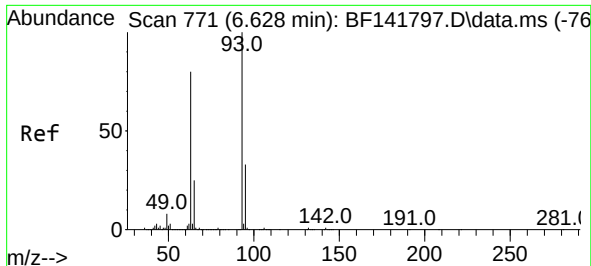


#10  
Phenol  
Concen: 38.350 ng  
RT: 6.522 min Scan# 753  
Delta R.T. 0.000 min  
Lab File: BF141882.D  
Acq: 07 Mar 2025 08:56

Tgt Ion: 94 Resp: 685809  
Ion Ratio Lower Upper  
94 100  
65 31.2 10.2 50.2  
66 48.5 23.2 63.2







#11

bis(2-Chloroethyl)ether

Concen: 36.600 ng

RT: 6.622 min Scan# 771

Delta R.T. -0.006 min

Lab File: BF141882.D

Acq: 07 Mar 2025 08:56

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

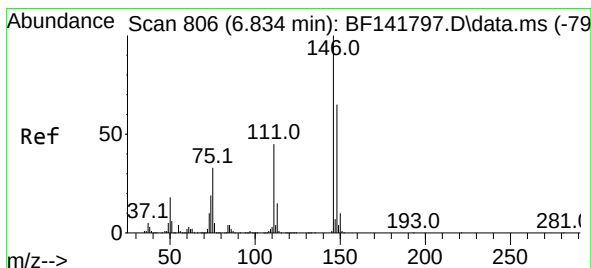
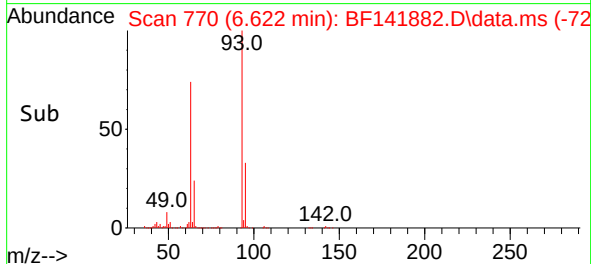
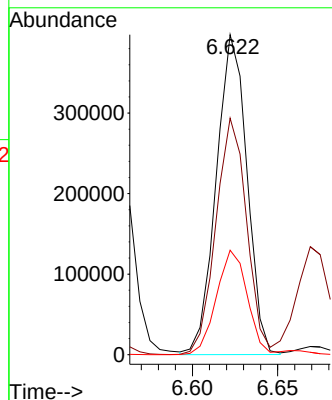
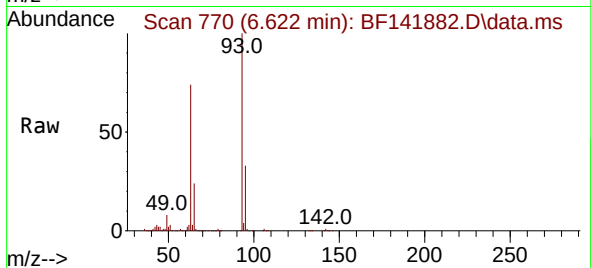
Tgt Ion: 93 Resp: 498913

Ion Ratio Lower Upper

93 100

63 73.9 59.3 99.3

95 32.7 13.2 53.2



#12

1,3-Dichlorobenzene

Concen: 40.364 ng

RT: 6.828 min Scan# 805

Delta R.T. -0.006 min

Lab File: BF141882.D

Acq: 07 Mar 2025 08:56

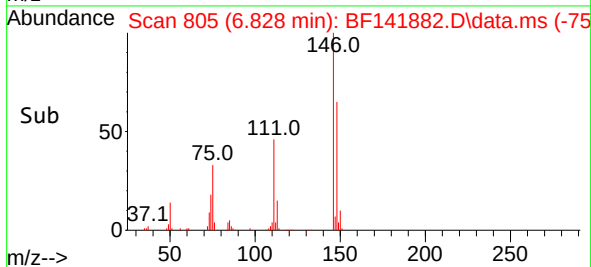
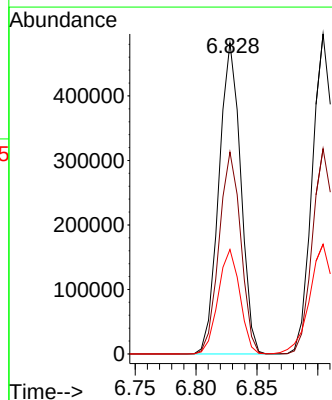
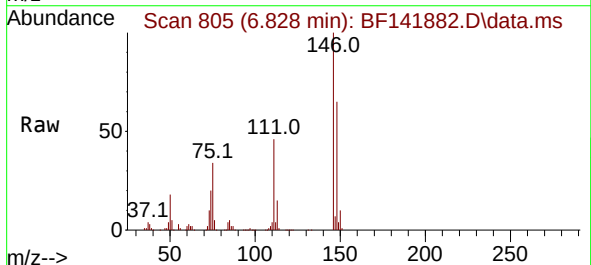
Tgt Ion: 146 Resp: 601225

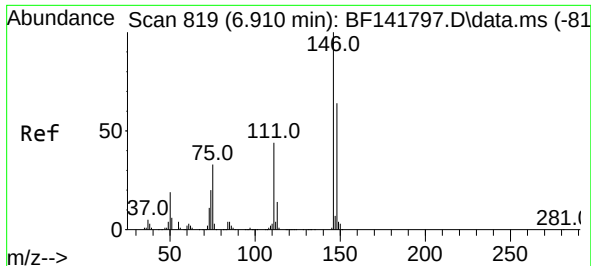
Ion Ratio Lower Upper

146 100

148 64.9 51.8 77.6

75 33.6 26.2 39.4

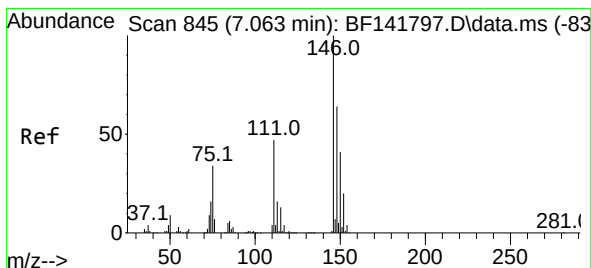
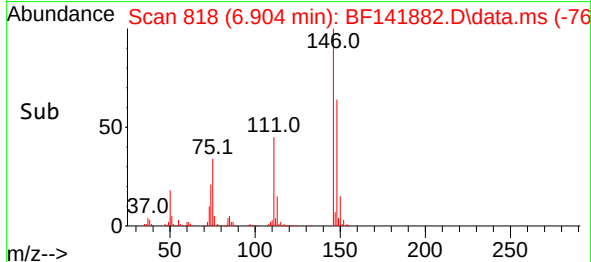
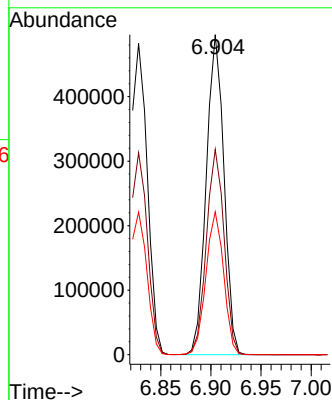
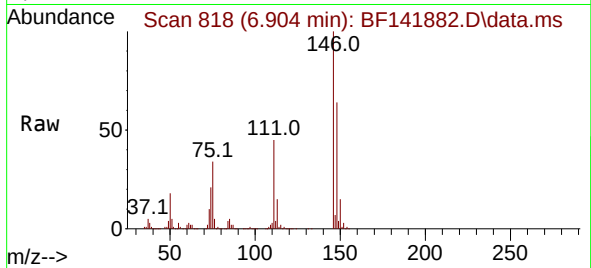




#13  
1,4-Dichlorobenzene  
Concen: 40.677 ng  
RT: 6.904 min Scan# 819  
Delta R.T. -0.006 min  
Lab File: BF141882.D  
Acq: 07 Mar 2025 08:56

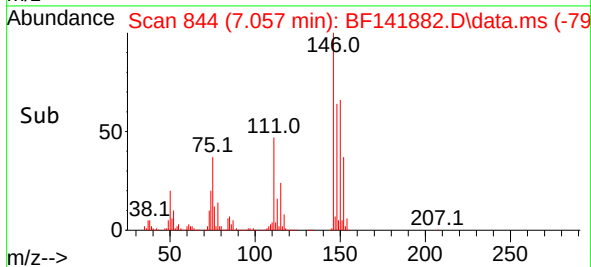
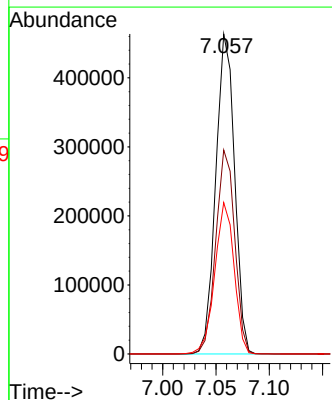
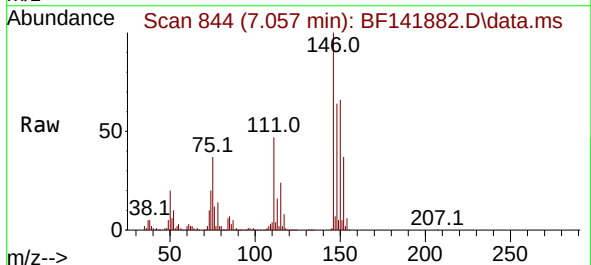
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

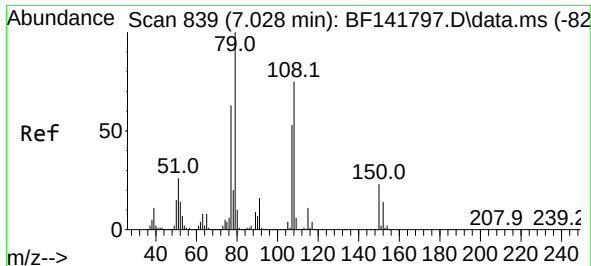
Tgt Ion:146 Resp: 610492  
Ion Ratio Lower Upper  
146 100  
148 64.2 51.4 77.2  
111 44.7 35.5 53.3



#14  
1,2-Dichlorobenzene  
Concen: 40.575 ng  
RT: 7.057 min Scan# 844  
Delta R.T. -0.006 min  
Lab File: BF141882.D  
Acq: 07 Mar 2025 08:56

Tgt Ion:146 Resp: 568639  
Ion Ratio Lower Upper  
146 100  
148 63.7 51.2 76.8  
111 47.3 37.8 56.6

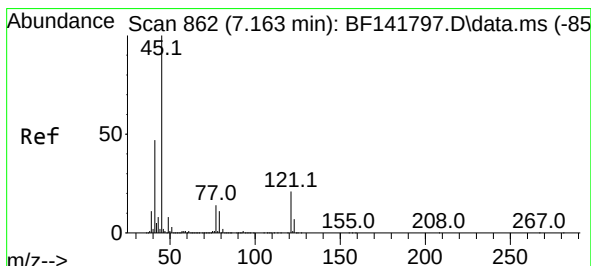
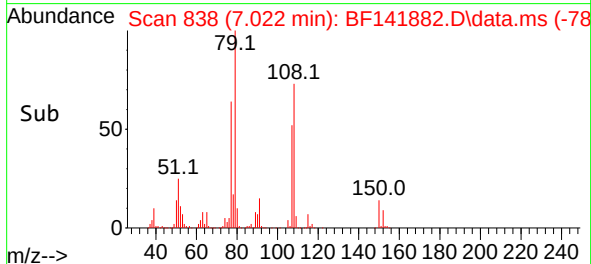
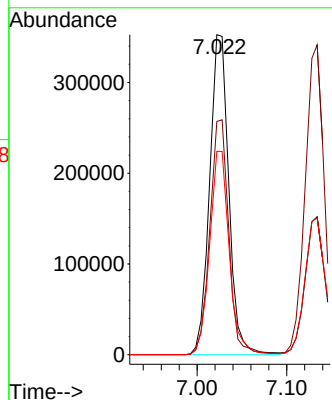
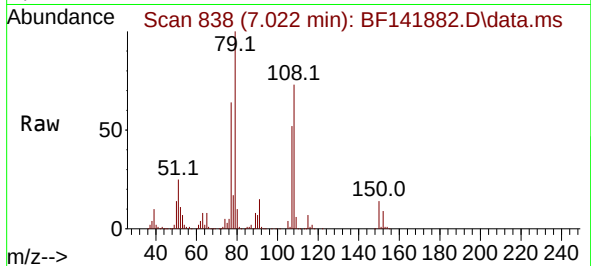




#15  
Benzyl Alcohol  
Concen: 39.112 ng  
RT: 7.022 min Scan# 811  
Delta R.T. -0.006 min  
Lab File: BF141882.D  
Acq: 07 Mar 2025 08:56

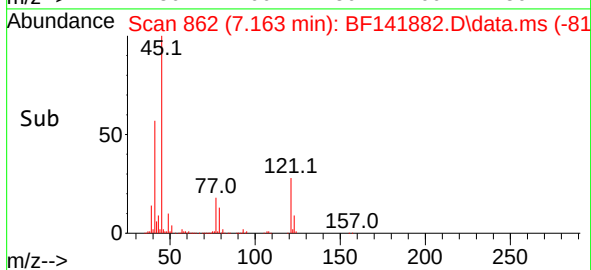
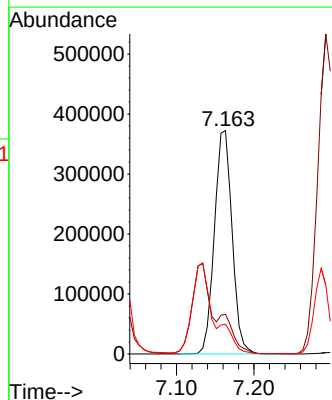
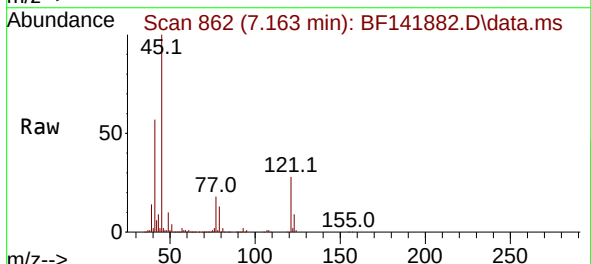
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

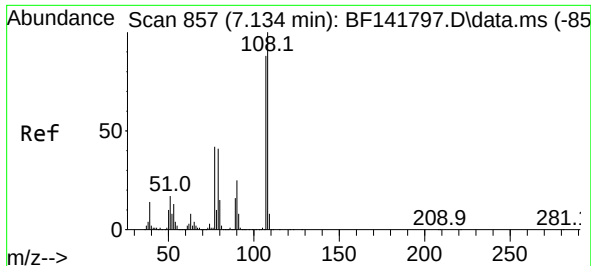
Tgt Ion: 79 Resp: 523102  
Ion Ratio Lower Upper  
79 100  
108 72.9 60.2 90.2  
77 63.5 50.2 75.2



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 28.578 ng  
RT: 7.163 min Scan# 862  
Delta R.T. 0.000 min  
Lab File: BF141882.D  
Acq: 07 Mar 2025 08:56

Tgt Ion: 45 Resp: 591614  
Ion Ratio Lower Upper  
45 100  
77 17.8 0.0 34.4  
79 13.3 0.0 30.9

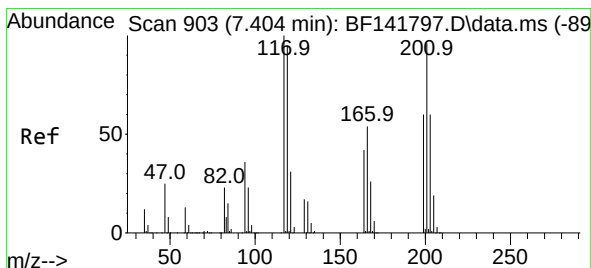
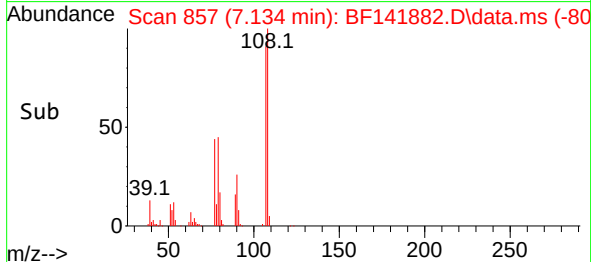
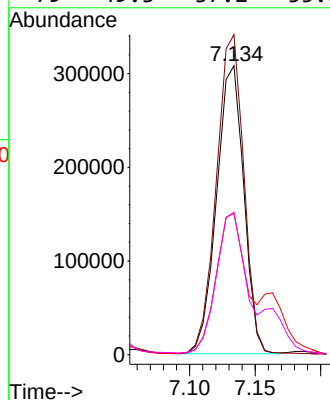
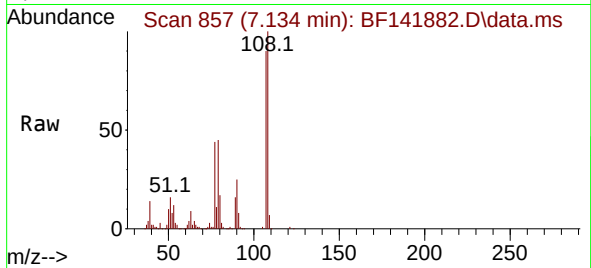




#17  
2-Methylphenol  
Concen: 38.580 ng  
RT: 7.134 min Scan# 857  
Delta R.T. 0.000 min  
Lab File: BF141882.D  
Acq: 07 Mar 2025 08:56

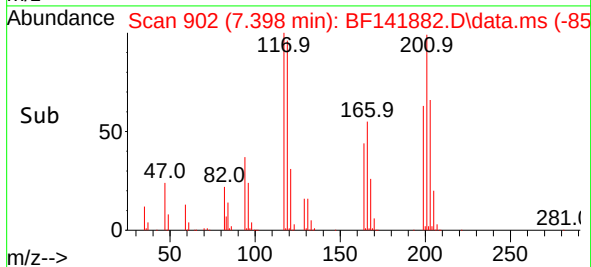
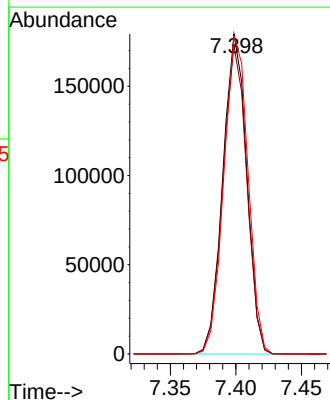
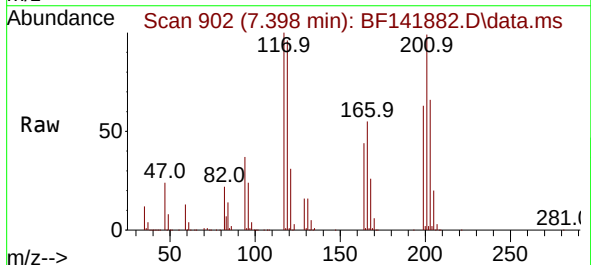
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

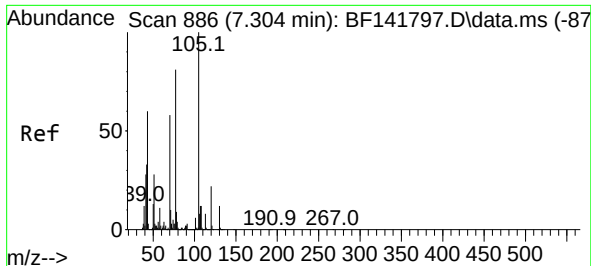
Tgt Ion:107 Resp: 442917  
Ion Ratio Lower Upper  
107 100  
108 110.7 90.6 135.8  
77 48.9 37.7 56.5  
79 49.3 37.2 55.8



#18  
Hexachloroethane  
Concen: 40.401 ng  
RT: 7.398 min Scan# 902  
Delta R.T. -0.006 min  
Lab File: BF141882.D  
Acq: 07 Mar 2025 08:56

Tgt Ion:117 Resp: 226945  
Ion Ratio Lower Upper  
117 100  
119 96.5 75.8 113.8  
201 99.3 76.7 115.1

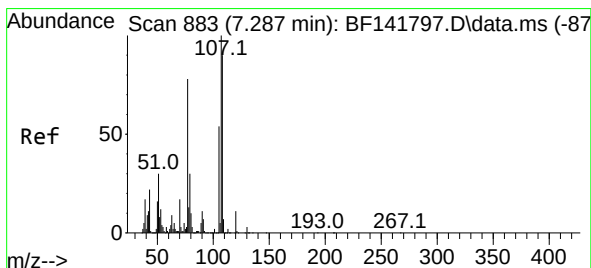
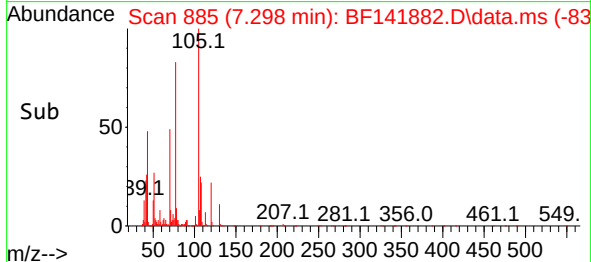
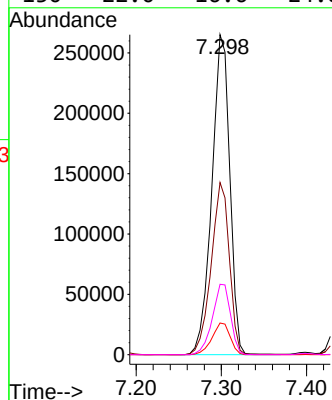
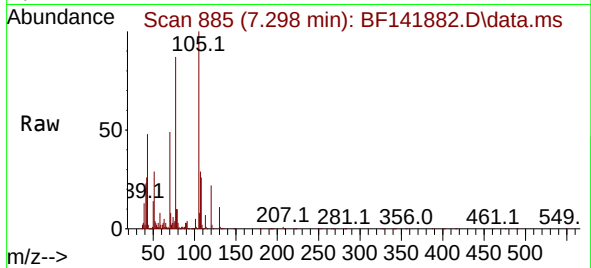




#19  
n-Nitroso-di-n-propylamine  
Concen: 35.361 ng  
RT: 7.298 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF141882.D  
Acq: 07 Mar 2025 08:56

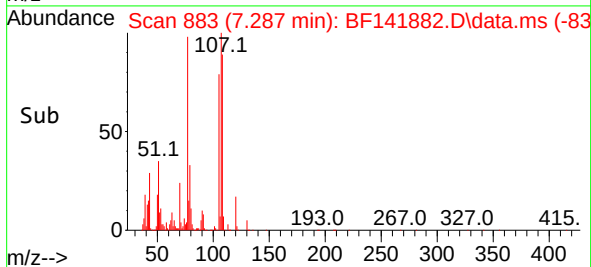
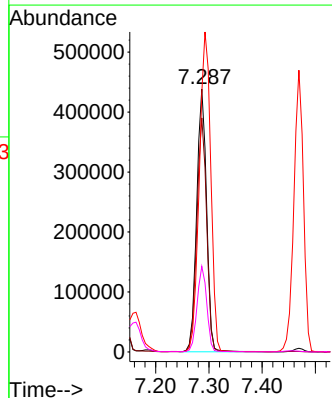
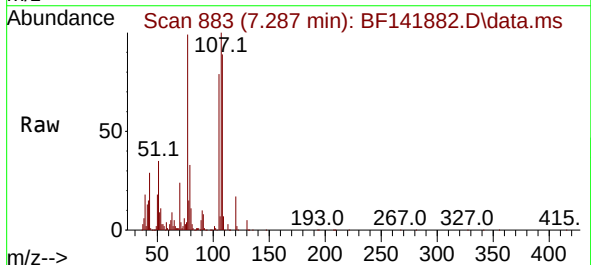
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

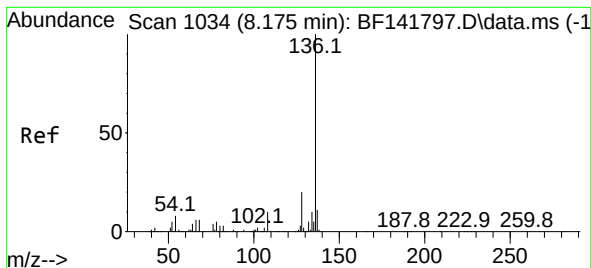
Tgt Ion: 70 Resp: 389005  
Ion Ratio Lower Upper  
70 100  
42 53.8 45.4 68.0  
101 9.9 7.8 11.8  
130 22.0 16.6 24.8



#20  
3+4-Methylphenols  
Concen: 39.298 ng  
RT: 7.287 min Scan# 883  
Delta R.T. 0.000 min  
Lab File: BF141882.D  
Acq: 07 Mar 2025 08:56

Tgt Ion:107 Resp: 561800  
Ion Ratio Lower Upper  
107 100  
108 89.0 69.7 109.7  
77 98.5 58.3 98.3#  
79 32.6 10.3 50.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141882.D

Acq: 07 Mar 2025 08:56

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 782990

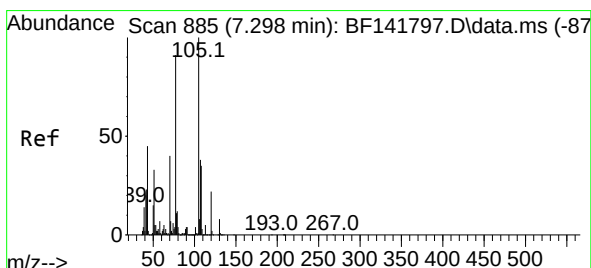
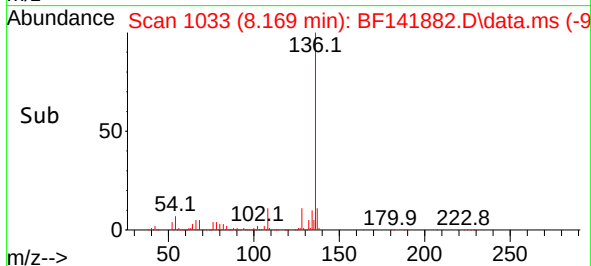
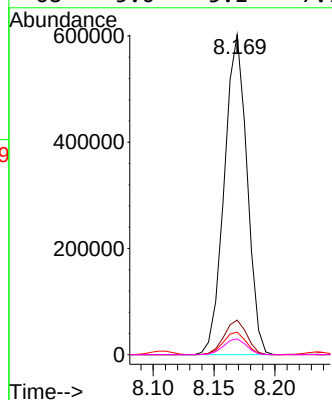
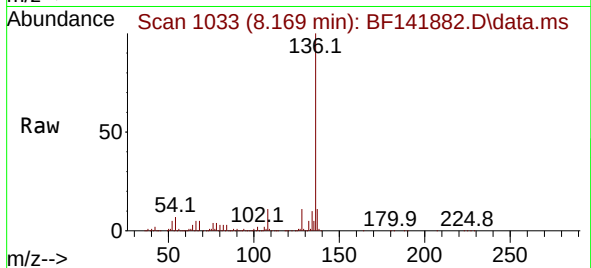
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.0 6.9 10.3

68 5.0 5.1 7.7#



#22

Acetophenone

Concen: 40.296 ng

RT: 7.298 min Scan# 885

Delta R.T. 0.000 min

Lab File: BF141882.D

Acq: 07 Mar 2025 08:56

Tgt Ion:105 Resp: 768440

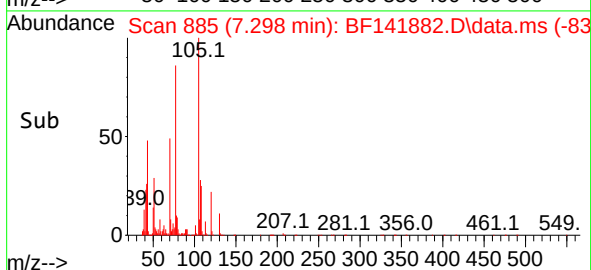
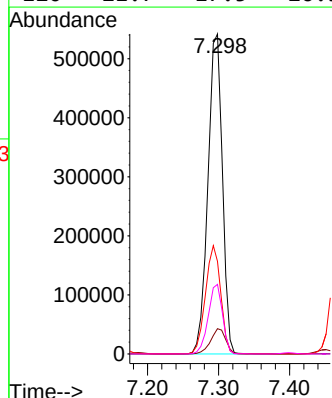
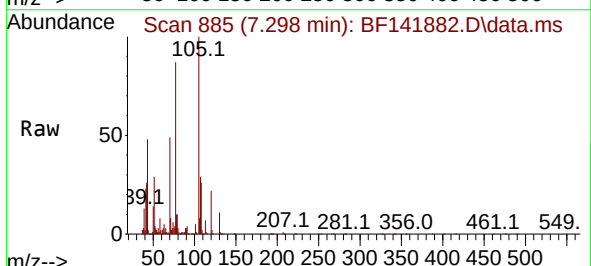
Ion Ratio Lower Upper

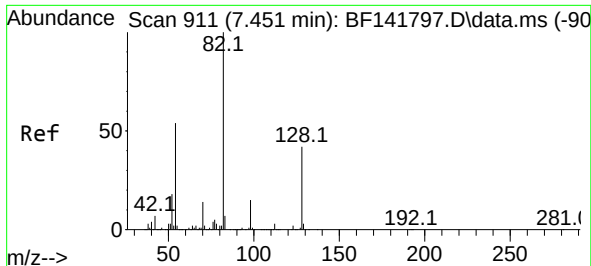
105 100

71 7.9 5.4 8.0

51 29.0 26.1 39.1

120 21.7 17.5 26.3





#23

Nitrobenzene-d5

Concen: 96.733 ng

RT: 7.451 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF141882.D

Acq: 07 Mar 2025 08:56

Instrument :

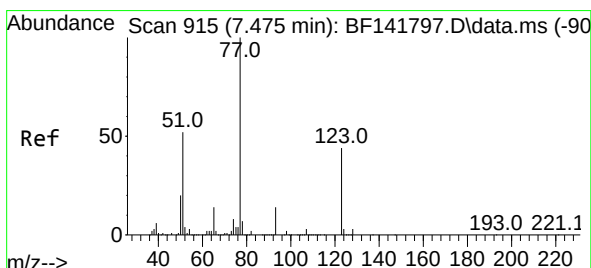
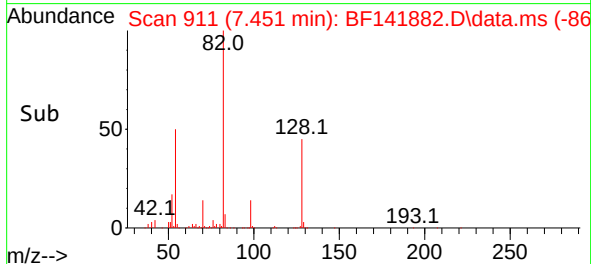
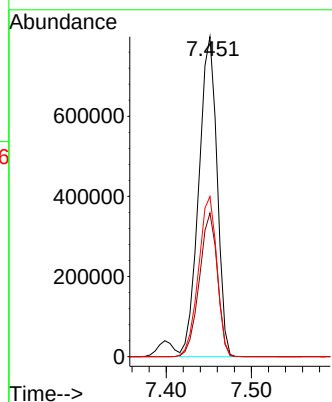
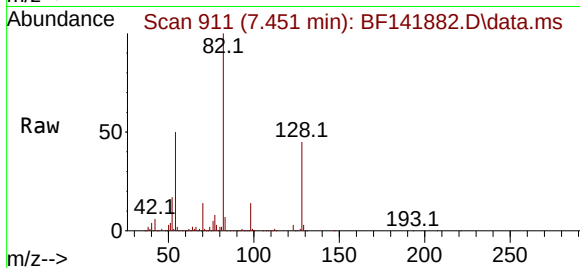
BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 1184936

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 44.9  | 33.5  | 50.3  |
| 54  | 50.0  | 42.7  | 64.1  |



#24

Nitrobenzene

Concen: 44.877 ng

RT: 7.469 min Scan# 914

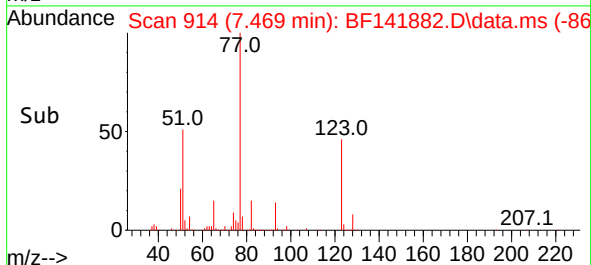
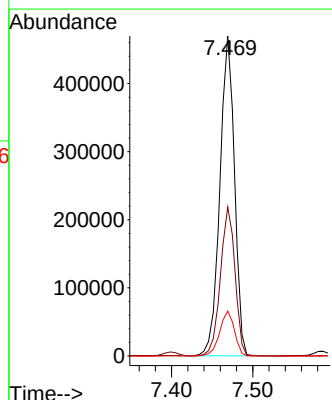
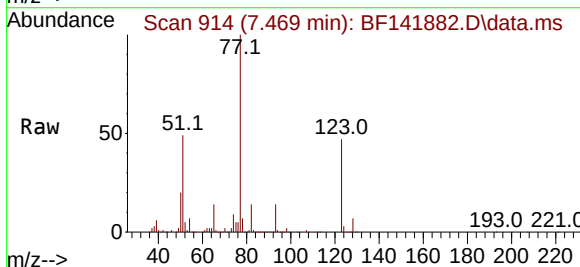
Delta R.T. -0.006 min

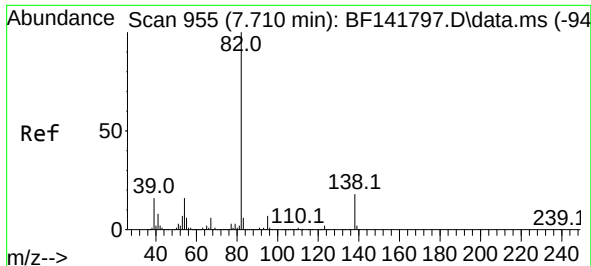
Lab File: BF141882.D

Acq: 07 Mar 2025 08:56

Tgt Ion: 77 Resp: 588671

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 46.6  | 35.8  | 53.8  |
| 65  | 14.1  | 11.2  | 16.8  |

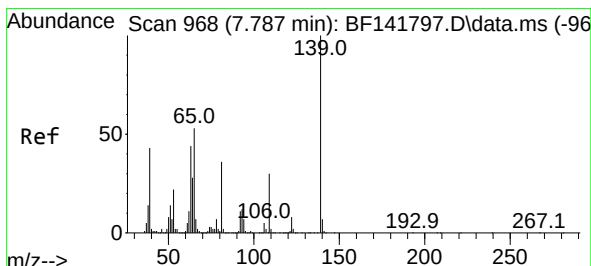
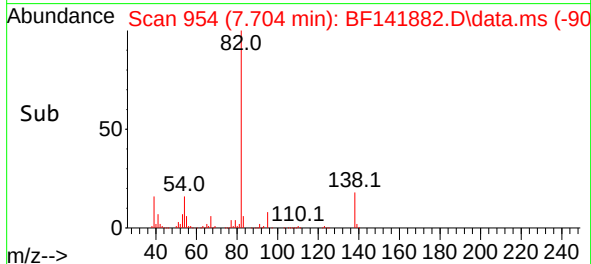
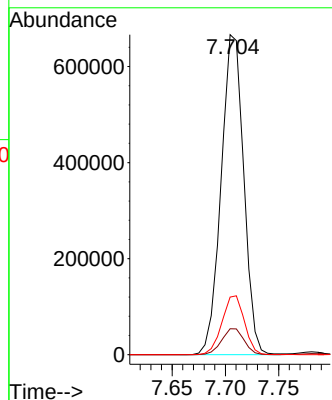
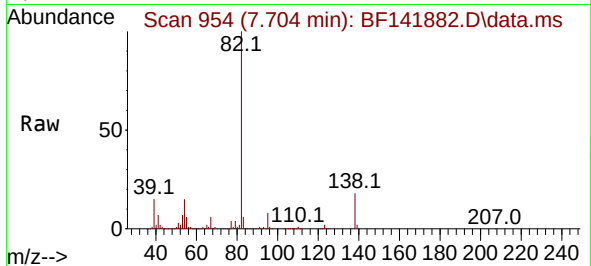




#25  
Isophorone  
Concen: 37.378 ng  
RT: 7.704 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF141882.D  
Acq: 07 Mar 2025 08:56

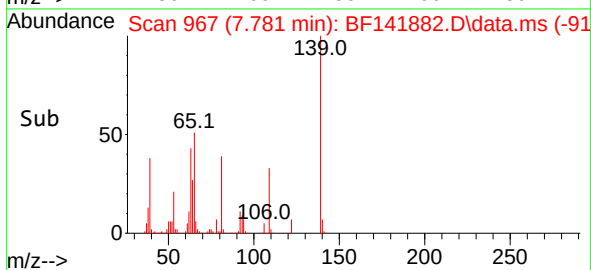
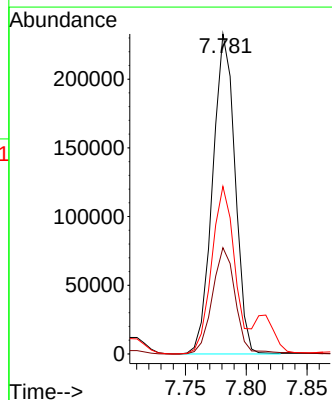
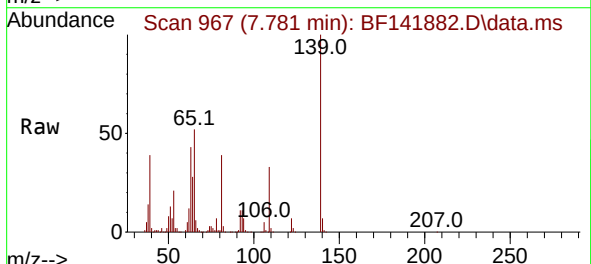
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 82 Resp: 983654  
Ion Ratio Lower Upper  
82 100  
95 8.1 5.8 8.8  
138 18.0 14.0 21.0

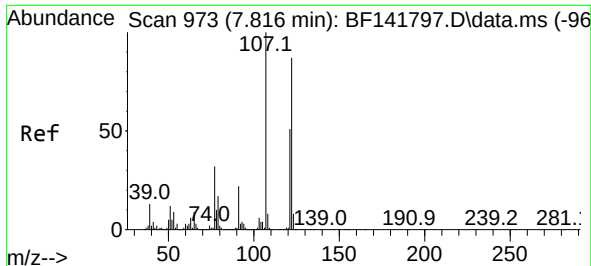


#26  
2-Nitrophenol  
Concen: 50.577 ng  
RT: 7.781 min Scan# 967  
Delta R.T. -0.006 min  
Lab File: BF141882.D  
Acq: 07 Mar 2025 08:56

Tgt Ion:139 Resp: 297950  
Ion Ratio Lower Upper  
139 100  
109 33.2 24.1 36.1  
65 52.4 42.3 63.5



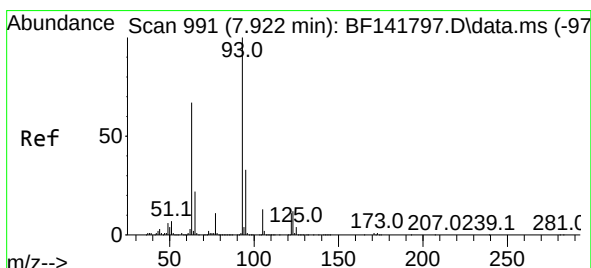
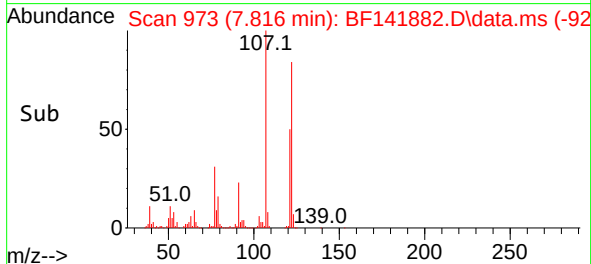
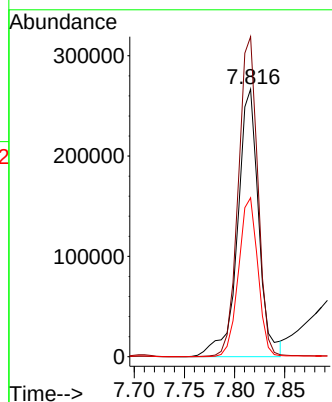
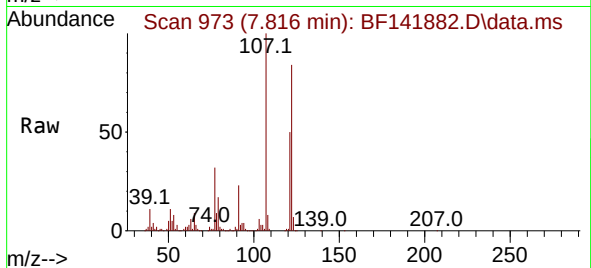




#27  
2,4-Dimethylphenol  
Concen: 40.322 ng  
RT: 7.816 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF141882.D  
Acq: 07 Mar 2025 08:56

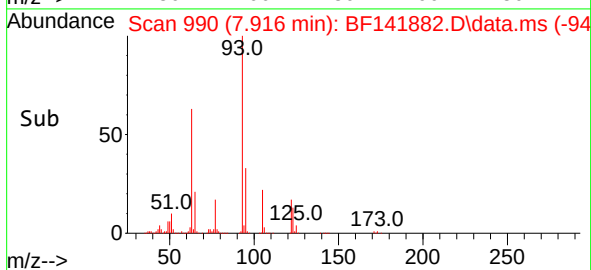
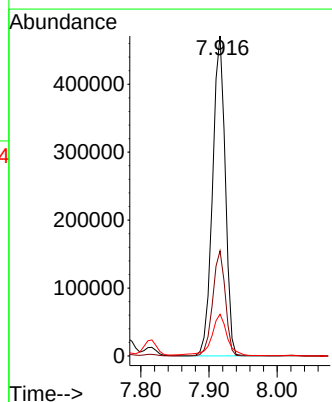
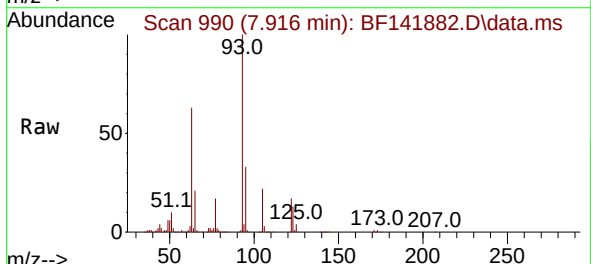
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

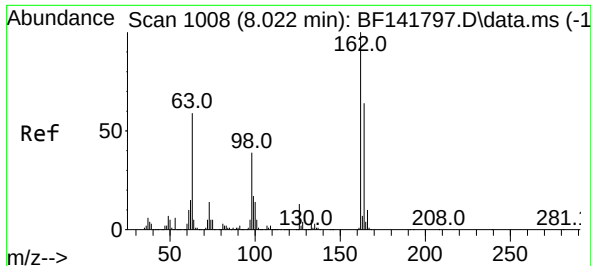
Tgt Ion:122 Resp: 390066  
Ion Ratio Lower Upper  
122 100  
107 119.6 92.5 138.7  
121 59.4 47.1 70.7



#28  
bis(2-Chloroethoxy)methane  
Concen: 36.287 ng  
RT: 7.916 min Scan# 990  
Delta R.T. -0.006 min  
Lab File: BF141882.D  
Acq: 07 Mar 2025 08:56

Tgt Ion: 93 Resp: 609152  
Ion Ratio Lower Upper  
93 100  
95 32.8 26.5 39.7  
123 13.0 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 42.576 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BF141882.D

Acq: 07 Mar 2025 08:56

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

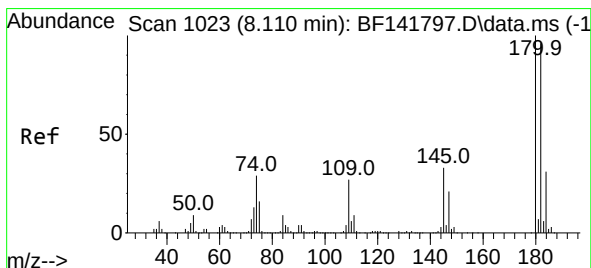
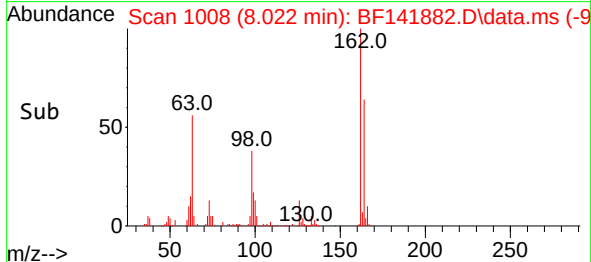
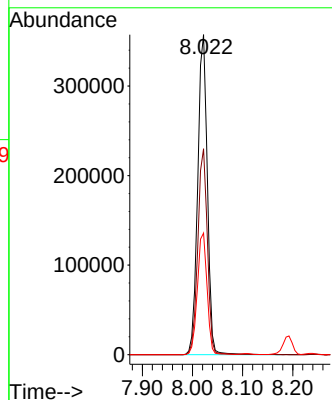
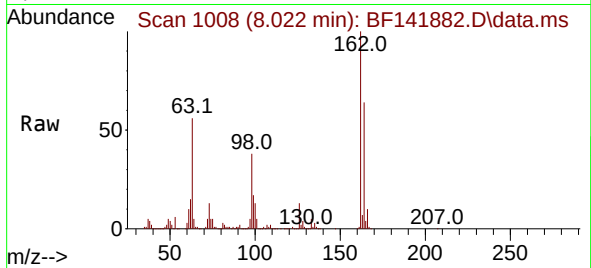
Tgt Ion:162 Resp: 475142

Ion Ratio Lower Upper

162 100

164 64.3 44.3 84.3

98 38.0 19.6 59.6



#30

1,2,4-Trichlorobenzene

Concen: 42.442 ng

RT: 8.110 min Scan# 1023

Delta R.T. 0.000 min

Lab File: BF141882.D

Acq: 07 Mar 2025 08:56

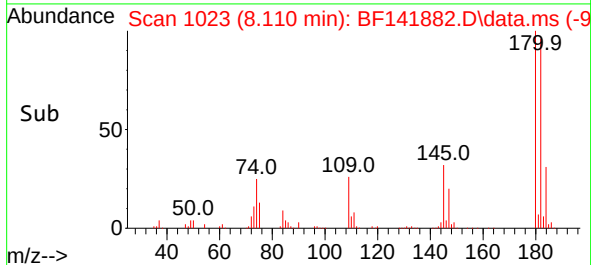
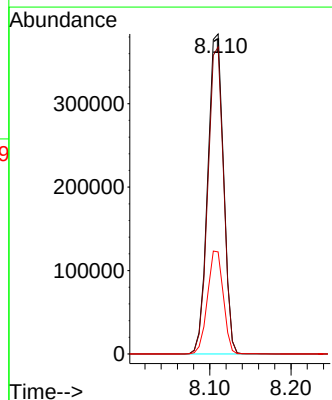
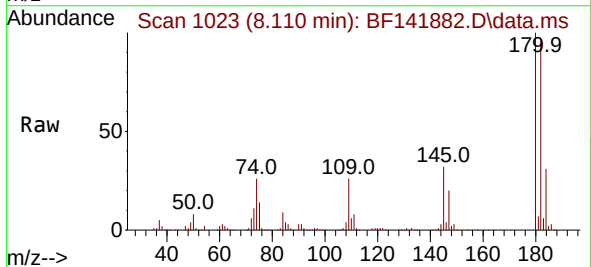
Tgt Ion:180 Resp: 519011

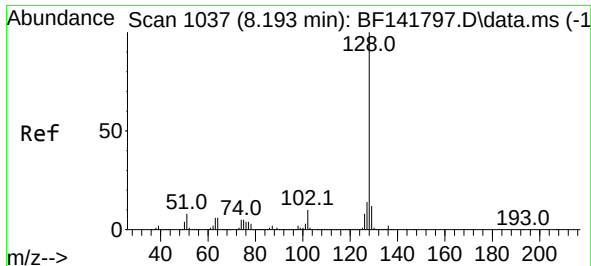
Ion Ratio Lower Upper

180 100

182 95.9 76.8 115.2

145 31.9 26.4 39.6

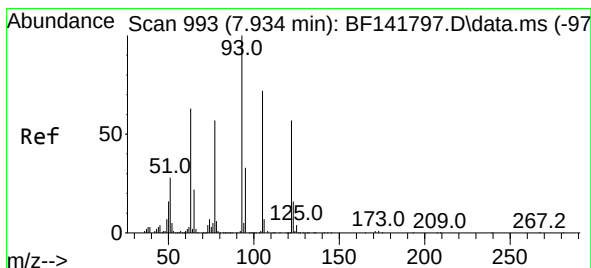
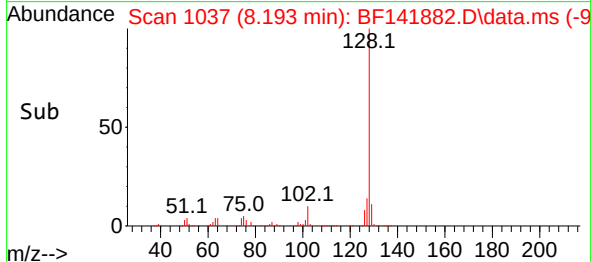
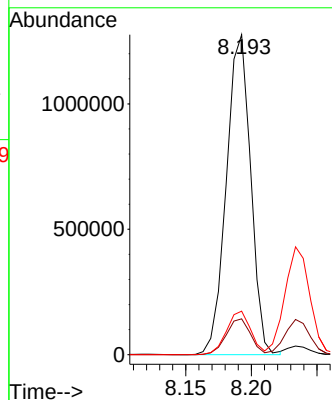
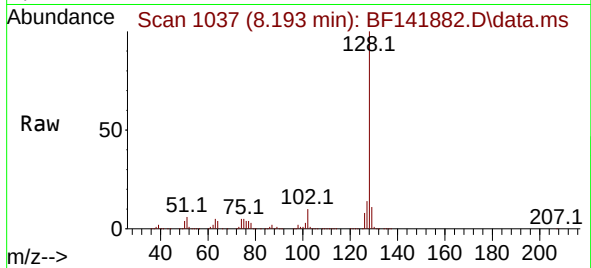




#31  
Naphthalene  
Concen: 40.885 ng  
RT: 8.193 min Scan# 1037  
Delta R.T. 0.000 min  
Lab File: BF141882.D  
Acq: 07 Mar 2025 08:56

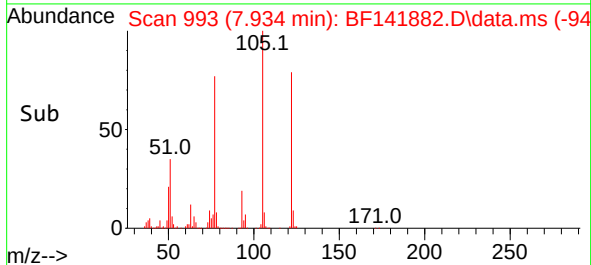
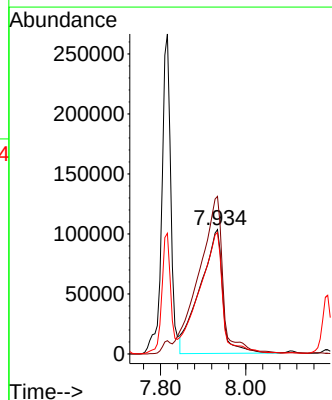
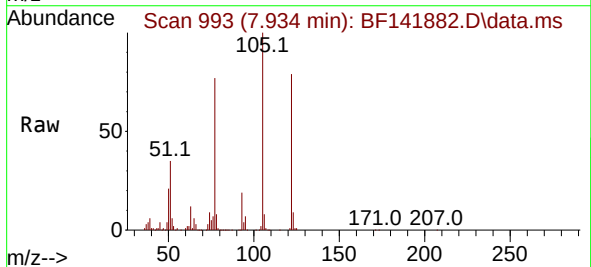
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

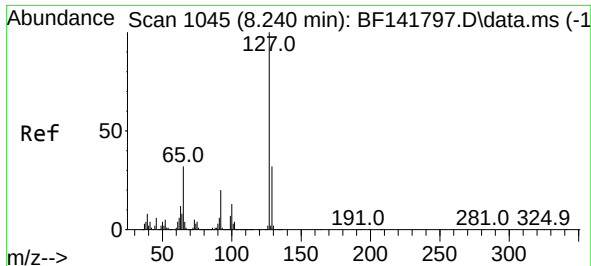
Tgt Ion:128 Resp: 1645331  
Ion Ratio Lower Upper  
128 100  
129 11.2 9.2 13.8  
127 13.6 11.0 16.4



#32  
Benzoic acid  
Concen: 47.436 ng  
RT: 7.934 min Scan# 993  
Delta R.T. -0.000 min  
Lab File: BF141882.D  
Acq: 07 Mar 2025 08:56

Tgt Ion:122 Resp: 382129  
Ion Ratio Lower Upper  
122 100  
105 126.7 105.8 145.8  
77 97.7 79.9 119.9

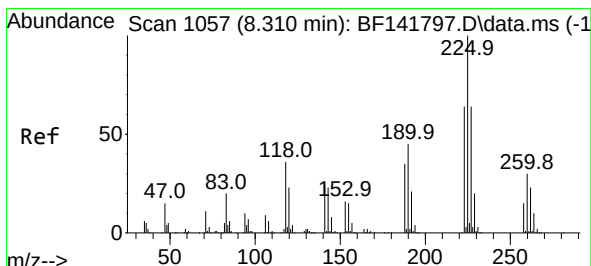
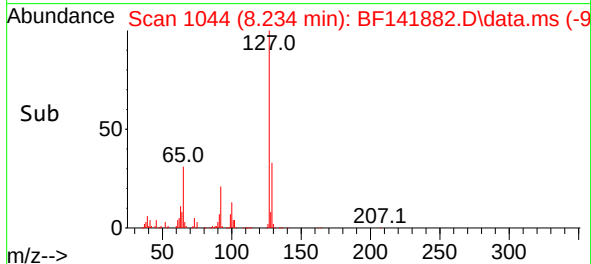
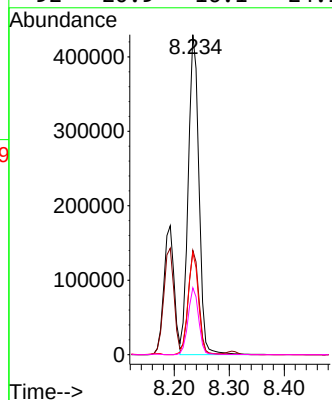
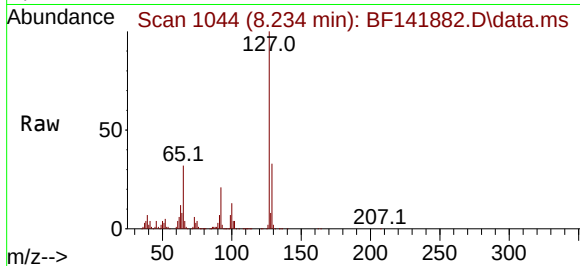




#33  
4-Chloroaniline  
Concen: 39.191 ng  
RT: 8.234 min Scan# 1044  
Delta R.T. -0.006 min  
Lab File: BF141882.D  
Acq: 07 Mar 2025 08:56

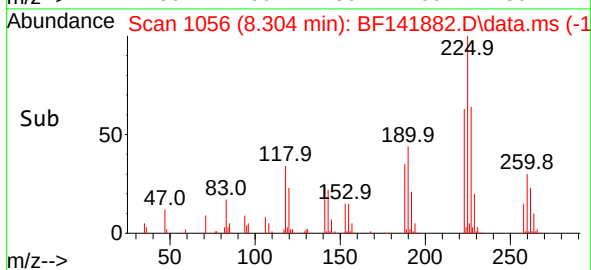
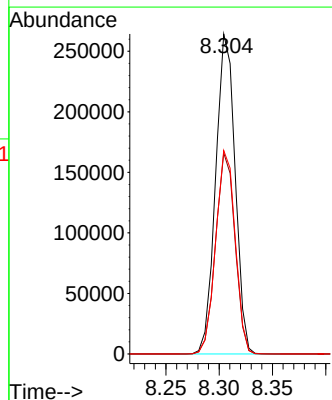
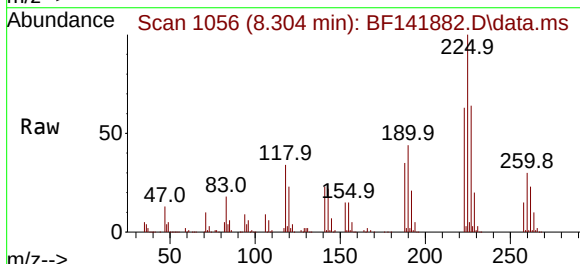
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

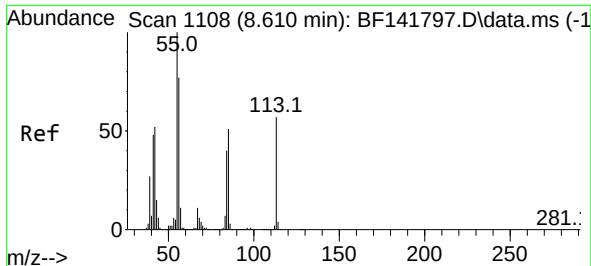
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 578275 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.6  | 26.1  | 39.1   |
| 65       | 31.9  | 25.7  | 38.5   |
| 92       | 20.9  | 16.1  | 24.1   |



#34  
Hexachlorobutadiene  
Concen: 44.100 ng  
RT: 8.304 min Scan# 1056  
Delta R.T. -0.006 min  
Lab File: BF141882.D  
Acq: 07 Mar 2025 08:56

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 335125 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.8  | 51.4  | 77.2   |
| 227      | 63.6  | 51.6  | 77.4   |

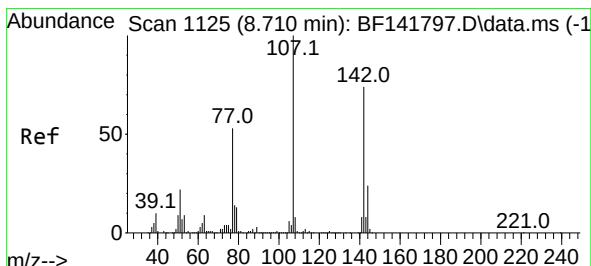
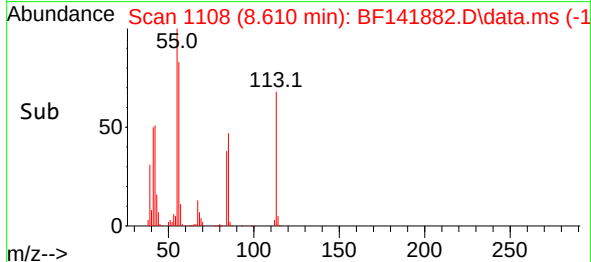
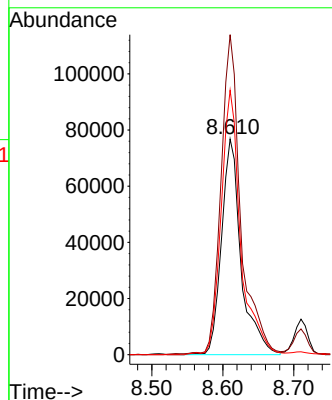
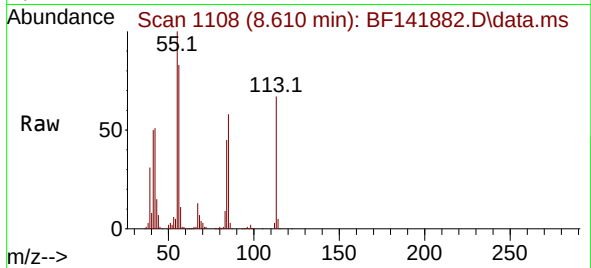




#35  
Caprolactam  
Concen: 42.679 ng  
RT: 8.610 min Scan# 1108  
Delta R.T. 0.000 min  
Lab File: BF141882.D  
Acq: 07 Mar 2025 08:56

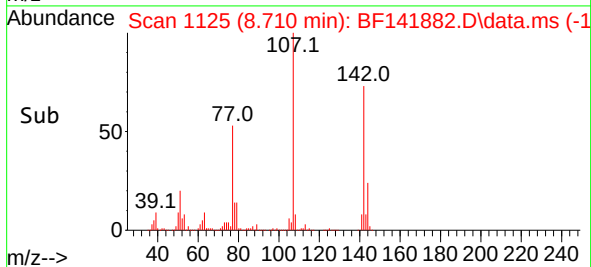
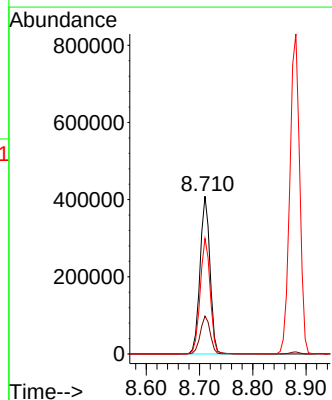
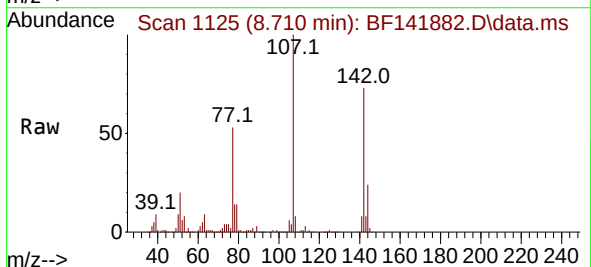
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

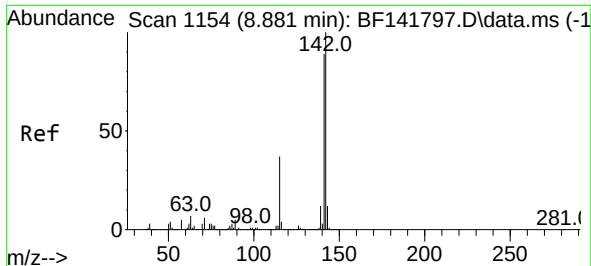
Tgt Ion:113 Resp: 146525  
Ion Ratio Lower Upper  
113 100  
55 148.3 155.6 195.6#  
56 122.6 114.6 154.6



#36  
4-Chloro-3-methylphenol  
Concen: 42.828 ng  
RT: 8.710 min Scan# 1125  
Delta R.T. 0.000 min  
Lab File: BF141882.D  
Acq: 07 Mar 2025 08:56

Tgt Ion:107 Resp: 530951  
Ion Ratio Lower Upper  
107 100  
144 24.0 19.4 29.0  
142 73.2 59.4 89.0

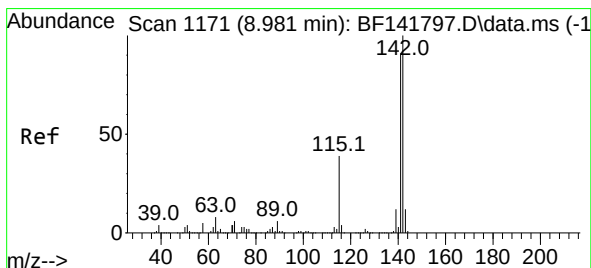
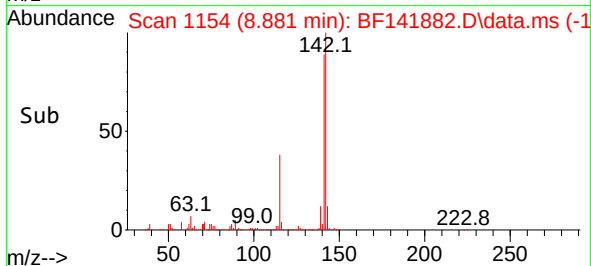
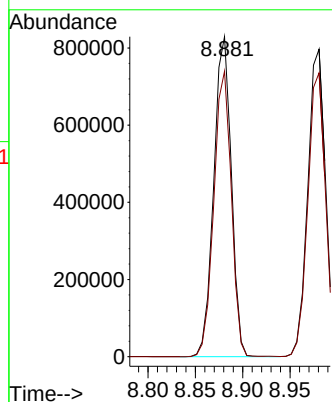
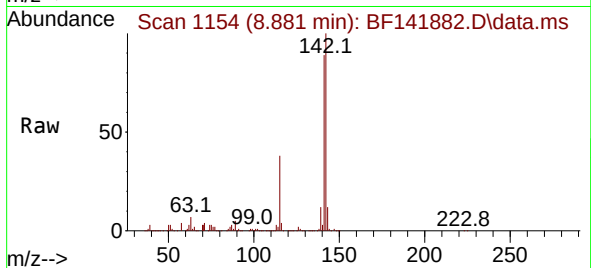




#37  
2-Methylnaphthalene  
Concen: 40.403 ng  
RT: 8.881 min Scan# 1154  
Delta R.T. 0.000 min  
Lab File: BF141882.D  
Acq: 07 Mar 2025 08:56

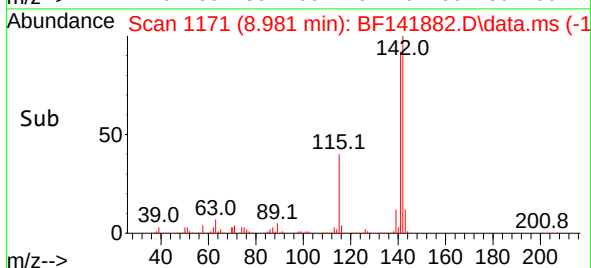
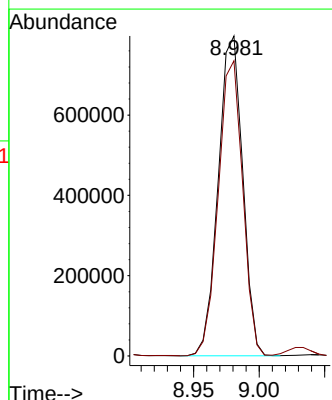
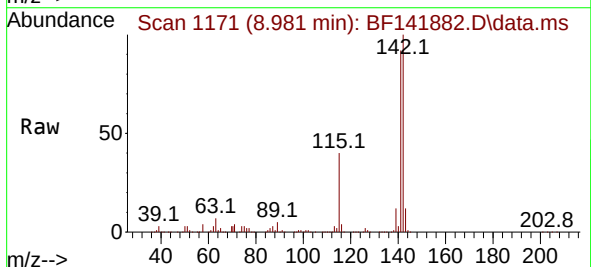
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

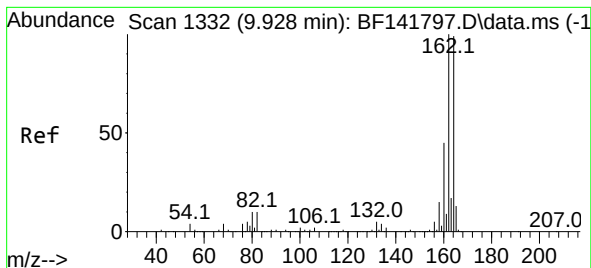
Tgt Ion:142 Resp: 1066463  
Ion Ratio Lower Upper  
142 100  
141 89.2 71.1 106.7



#38  
1-Methylnaphthalene  
Concen: 40.781 ng  
RT: 8.981 min Scan# 1171  
Delta R.T. 0.000 min  
Lab File: BF141882.D  
Acq: 07 Mar 2025 08:56

Tgt Ion:142 Resp: 1032881  
Ion Ratio Lower Upper  
142 100  
141 92.3 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141882.D

Acq: 07 Mar 2025 08:56

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

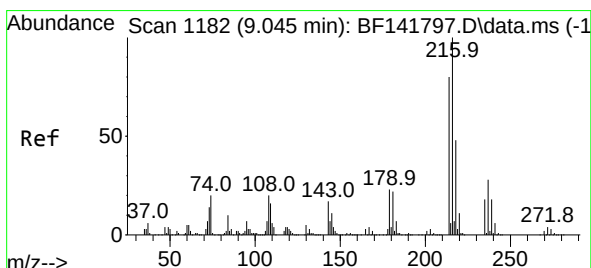
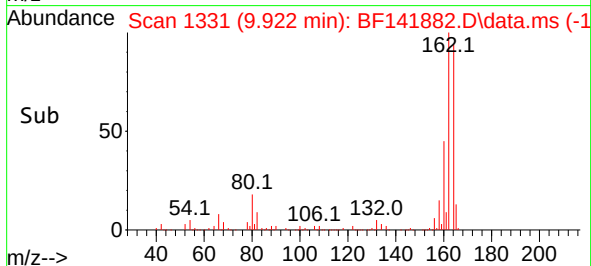
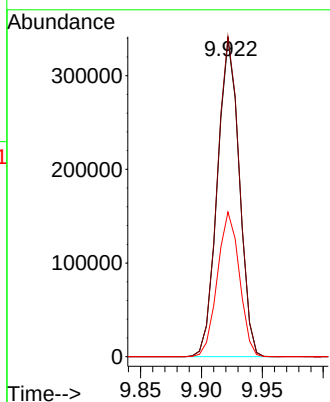
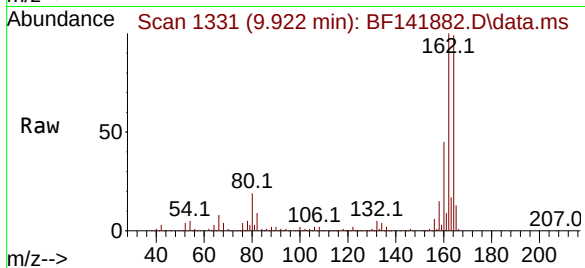
Tgt Ion:164 Resp: 424782

Ion Ratio Lower Upper

164 100

162 101.0 80.6 120.8

160 45.6 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.129 ng

RT: 9.045 min Scan# 1182

Delta R.T. 0.000 min

Lab File: BF141882.D

Acq: 07 Mar 2025 08:56

Tgt Ion:216 Resp: 529113

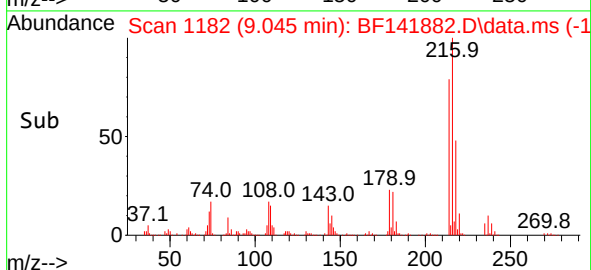
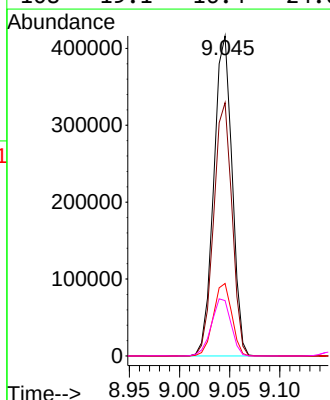
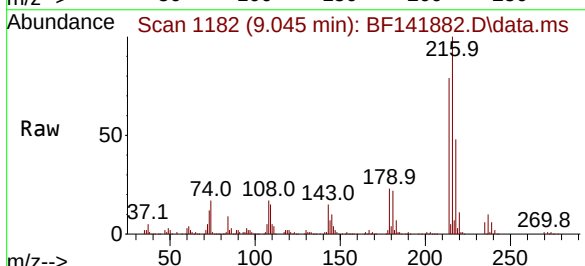
Ion Ratio Lower Upper

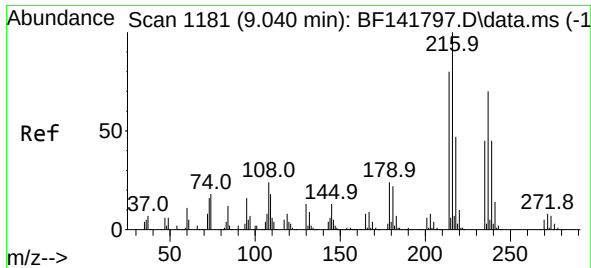
216 100

214 79.1 63.5 95.3

179 22.8 18.1 27.1

108 19.1 16.4 24.6

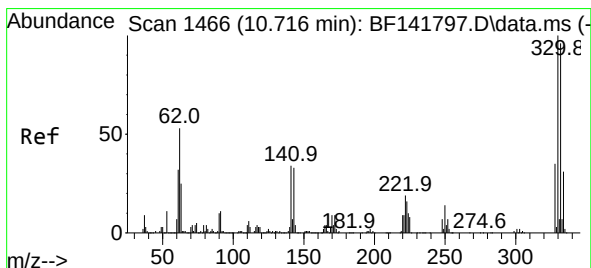
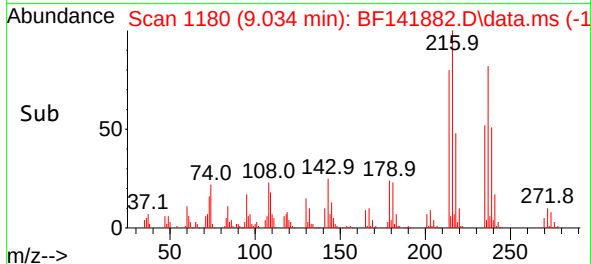
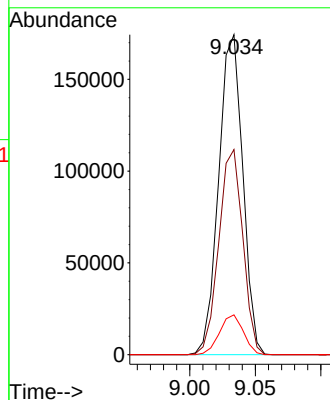
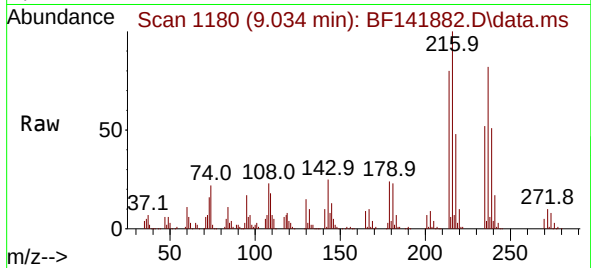




#41  
Hexachlorocyclopentadiene  
Concen: 43.507 ng  
RT: 9.034 min Scan# 1181  
Delta R.T. -0.006 min  
Lab File: BF141882.D  
Acq: 07 Mar 2025 08:56

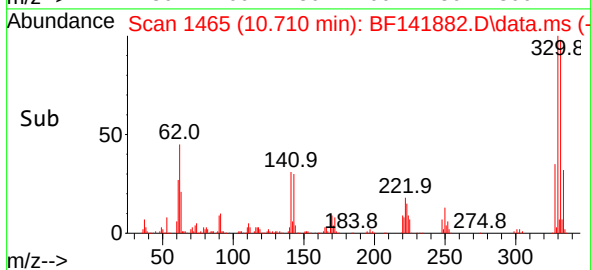
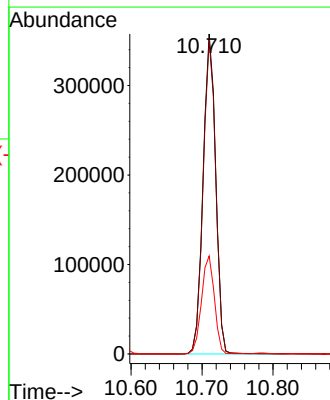
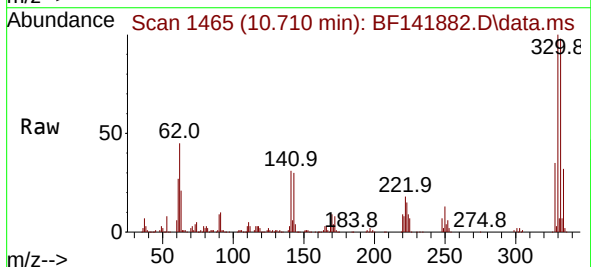
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:237 Resp: 222751  
Ion Ratio Lower Upper  
237 100  
235 64.1 43.3 83.3  
272 12.4 0.0 31.9

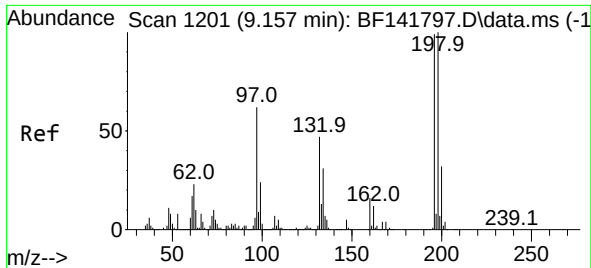


#42  
2,4,6-Tribromophenol  
Concen: 110.979 ng  
RT: 10.710 min Scan# 1465  
Delta R.T. -0.006 min  
Lab File: BF141882.D  
Acq: 07 Mar 2025 08:56

Tgt Ion:330 Resp: 442578  
Ion Ratio Lower Upper  
330 100  
332 97.9 76.6 115.0  
141 31.4 29.0 43.4



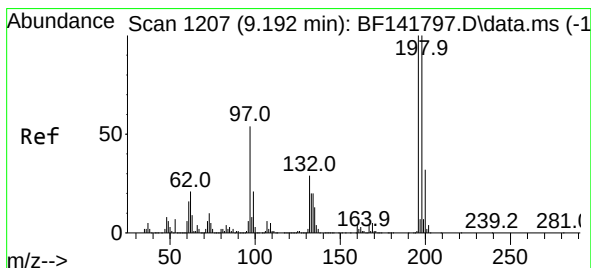
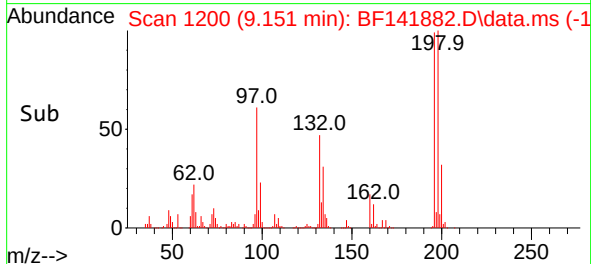
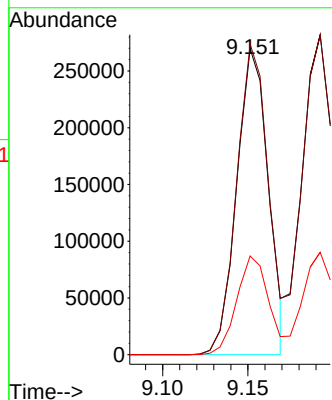
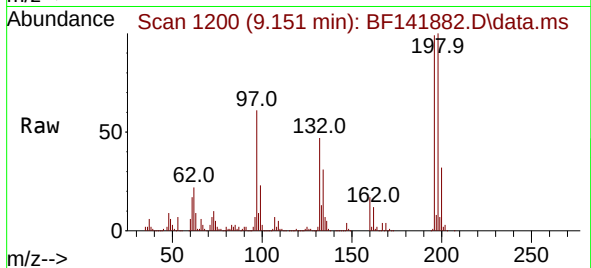




#43  
2,4,6-Trichlorophenol  
Concen: 43.751 ng  
RT: 9.151 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF141882.D  
Acq: 07 Mar 2025 08:56

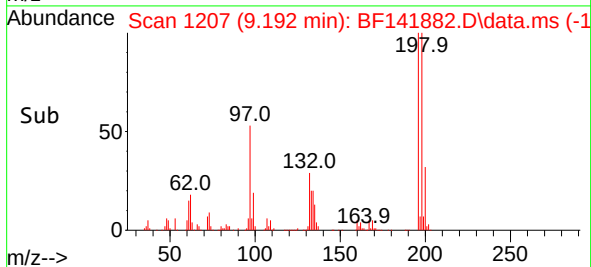
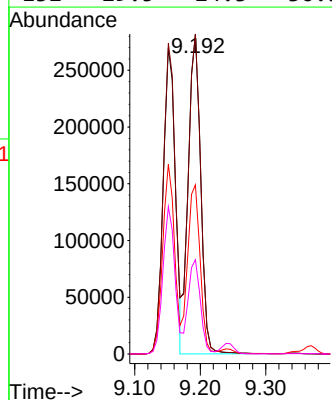
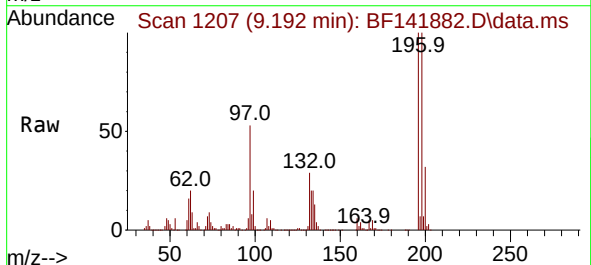
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

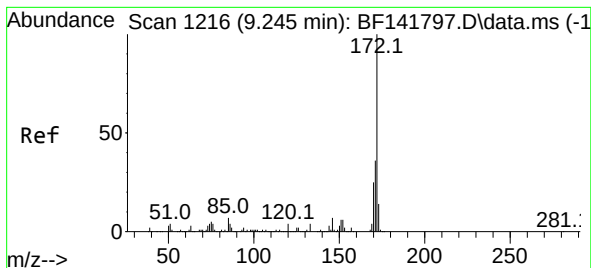
Tgt Ion:196 Resp: 346714  
Ion Ratio Lower Upper  
196 100  
198 101.5 80.4 120.6  
200 32.2 25.7 38.5



#44  
2,4,5-Trichlorophenol  
Concen: 47.207 ng  
RT: 9.192 min Scan# 1207  
Delta R.T. 0.000 min  
Lab File: BF141882.D  
Acq: 07 Mar 2025 08:56

Tgt Ion:196 Resp: 370446  
Ion Ratio Lower Upper  
196 100  
198 100.1 79.7 119.5  
97 52.9 44.2 66.2  
132 29.5 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 85.212 ng

RT: 9.245 min Scan# 1216

Delta R.T. 0.000 min

Lab File: BF141882.D

Acq: 07 Mar 2025 08:56

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

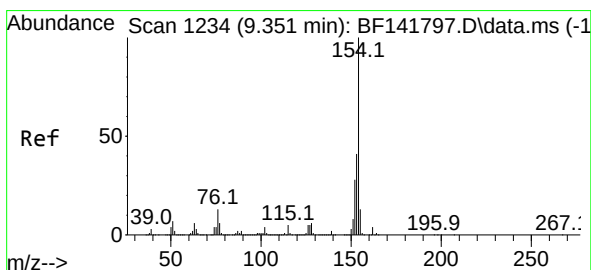
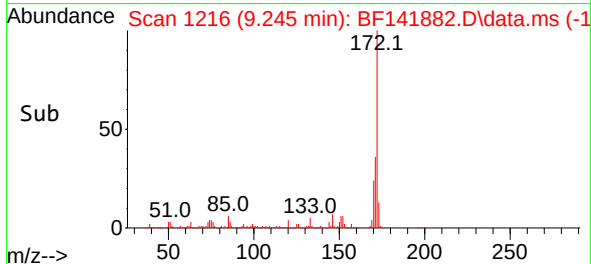
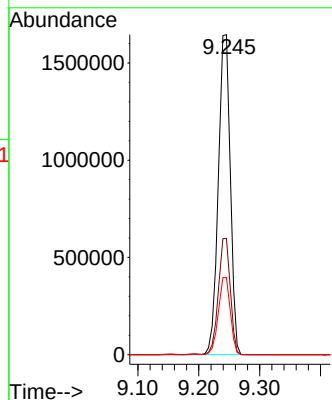
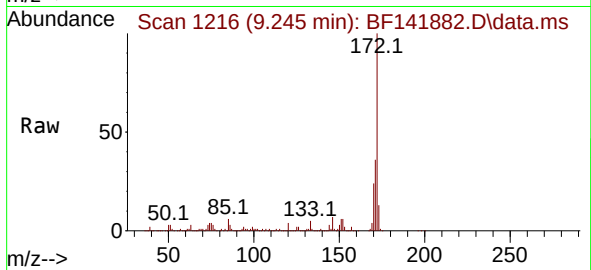
Tgt Ion:172 Resp: 2257414

Ion Ratio Lower Upper

172 100

171 36.3 29.2 43.8

170 24.1 19.7 29.5



#46

1,1'-Biphenyl

Concen: 40.983 ng

RT: 9.345 min Scan# 1233

Delta R.T. -0.006 min

Lab File: BF141882.D

Acq: 07 Mar 2025 08:56

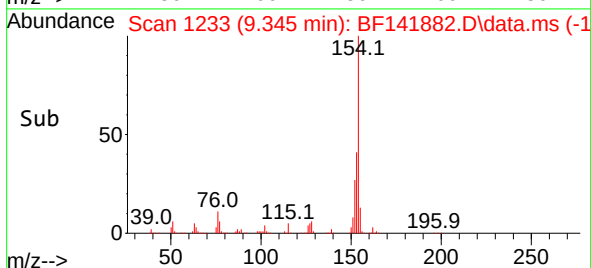
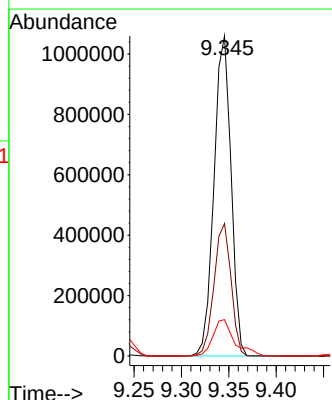
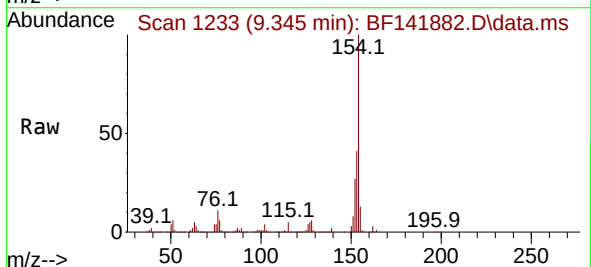
Tgt Ion:154 Resp: 1325077

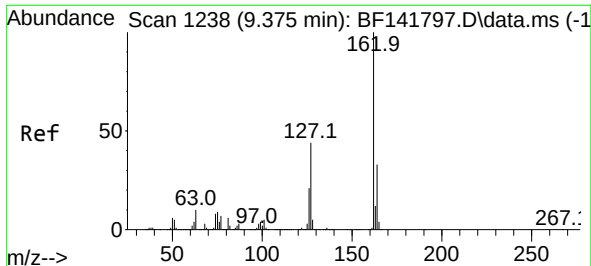
Ion Ratio Lower Upper

154 100

153 41.4 21.4 61.4

76 11.4 0.0 33.4





#47

2-Chloronaphthalene

Concen: 41.702 ng

RT: 9.369 min Scan# 1237

Delta R.T. -0.006 min

Lab File: BF141882.D

Acq: 07 Mar 2025 08:56

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

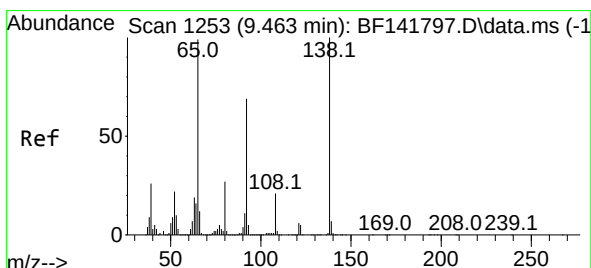
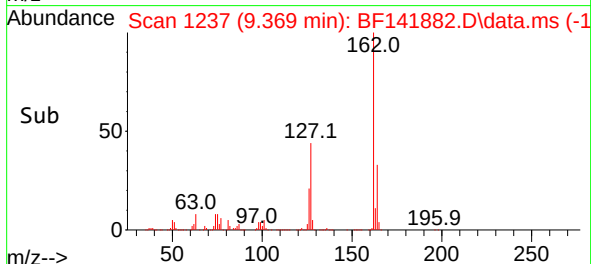
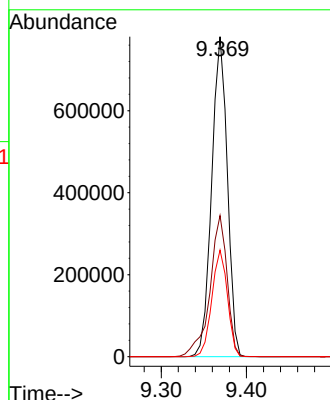
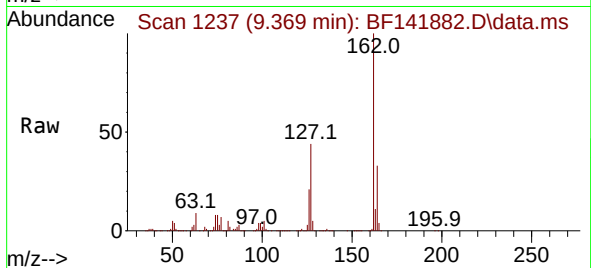
Tgt Ion:162 Resp: 995170

Ion Ratio Lower Upper

162 100

127 44.1 35.0 52.6

164 33.3 26.6 40.0



#48

2-Nitroaniline

Concen: 47.578 ng

RT: 9.463 min Scan# 1253

Delta R.T. 0.000 min

Lab File: BF141882.D

Acq: 07 Mar 2025 08:56

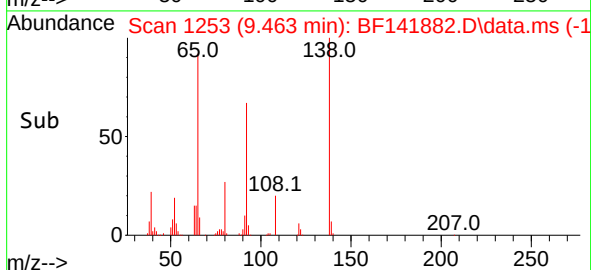
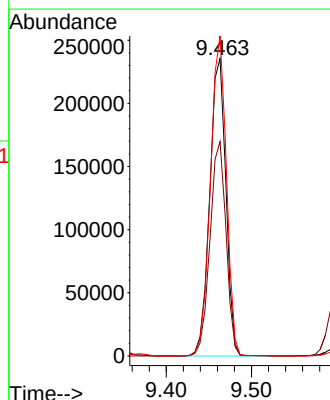
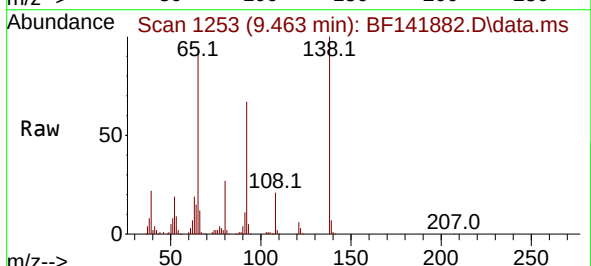
Tgt Ion: 65 Resp: 310512

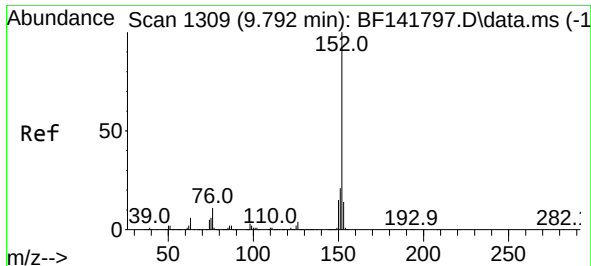
Ion Ratio Lower Upper

65 100

92 72.1 55.7 83.5

138 107.6 80.6 121.0

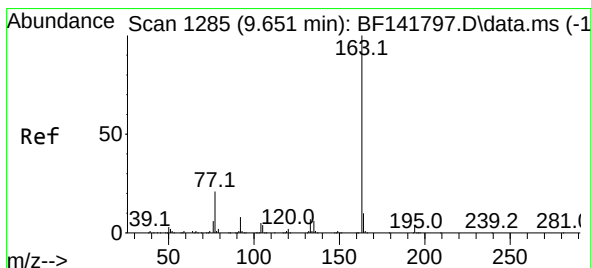
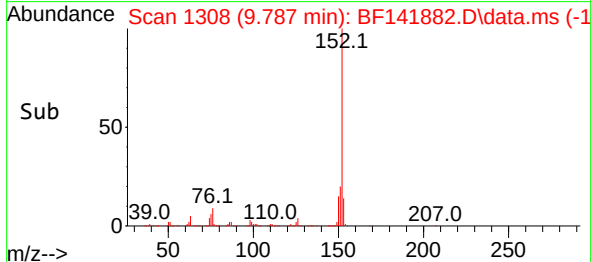
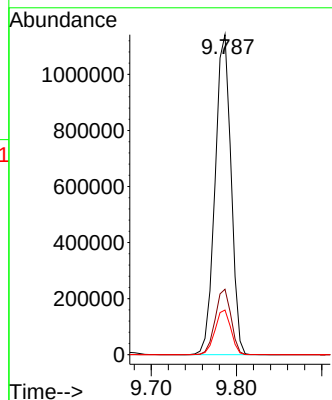
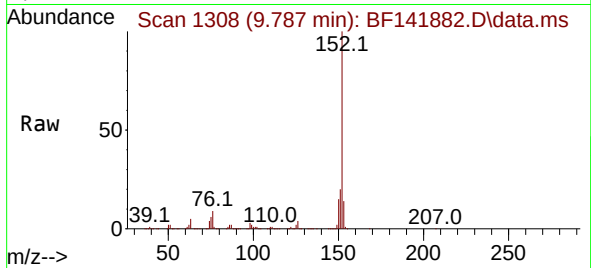




#49  
Acenaphthylene  
Concen: 41.425 ng  
RT: 9.787 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF141882.D  
Acq: 07 Mar 2025 08:56

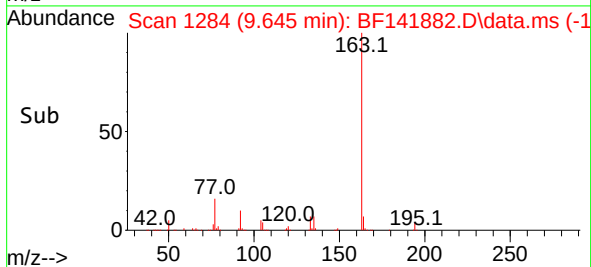
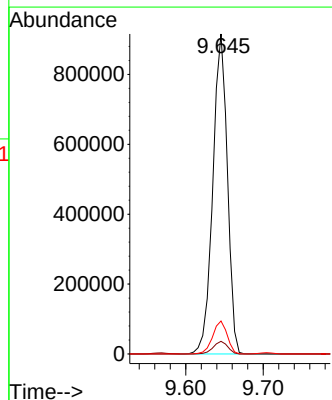
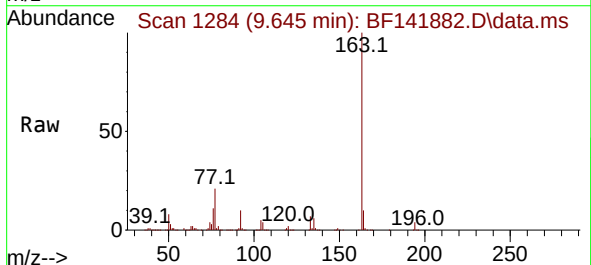
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

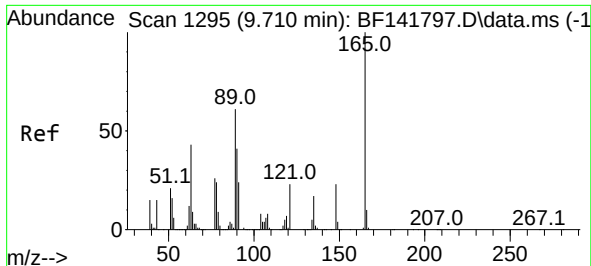
Tgt Ion:152 Resp: 1482184  
Ion Ratio Lower Upper  
152 100  
151 20.5 16.6 24.8  
153 14.0 11.2 16.8



#50  
Dimethylphthalate  
Concen: 42.024 ng  
RT: 9.645 min Scan# 1284  
Delta R.T. -0.006 min  
Lab File: BF141882.D  
Acq: 07 Mar 2025 08:56

Tgt Ion:163 Resp: 1195459  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.1 4.7  
164 10.3 8.4 12.6

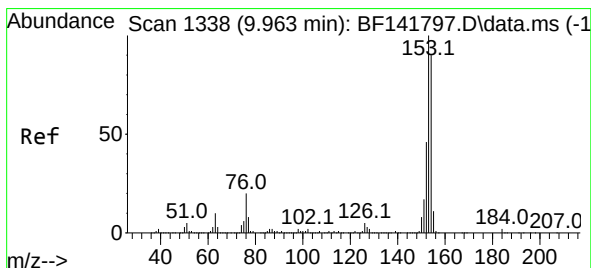
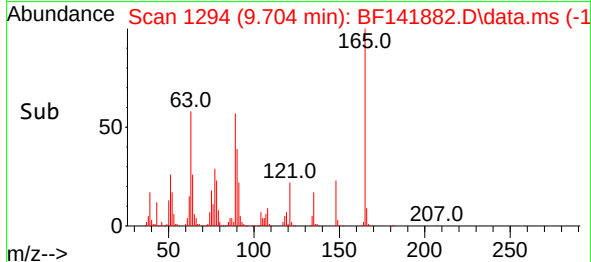
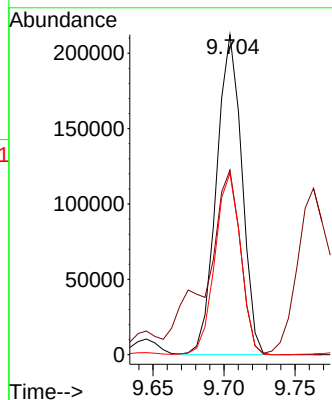
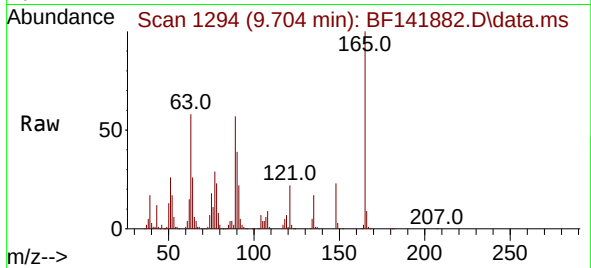




#51  
2,6-Dinitrotoluene  
Concen: 48.466 ng  
RT: 9.704 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF141882.D  
Acq: 07 Mar 2025 08:56

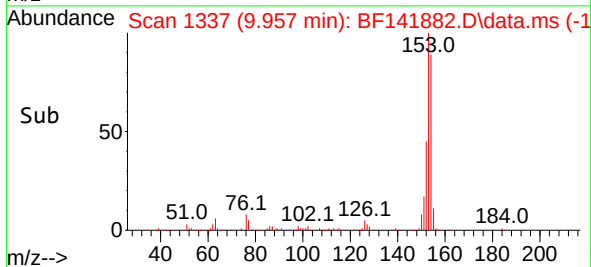
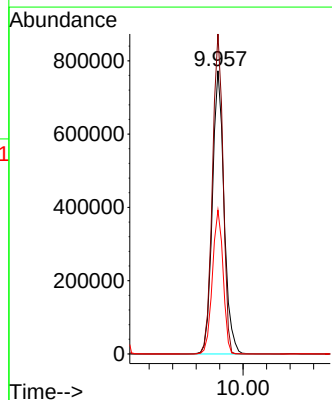
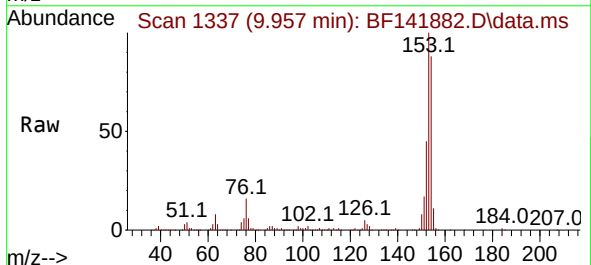
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

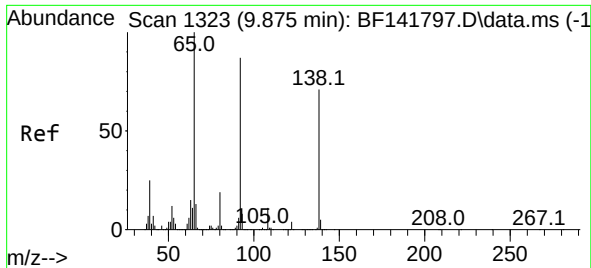
Tgt Ion:165 Resp: 263902  
Ion Ratio Lower Upper  
165 100  
63 57.7 49.5 74.3  
89 56.7 49.0 73.4



#52  
Acenaphthene  
Concen: 44.141 ng  
RT: 9.957 min Scan# 1337  
Delta R.T. -0.006 min  
Lab File: BF141882.D  
Acq: 07 Mar 2025 08:56

Tgt Ion:154 Resp: 1065668  
Ion Ratio Lower Upper  
154 100  
153 113.0 88.7 133.1  
152 50.8 40.9 61.3

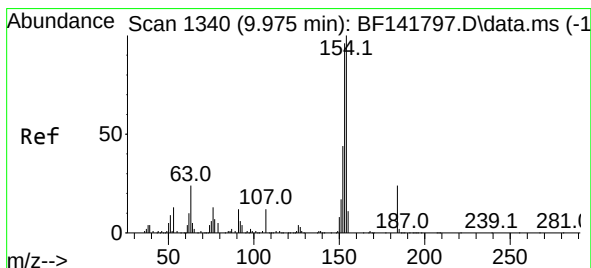
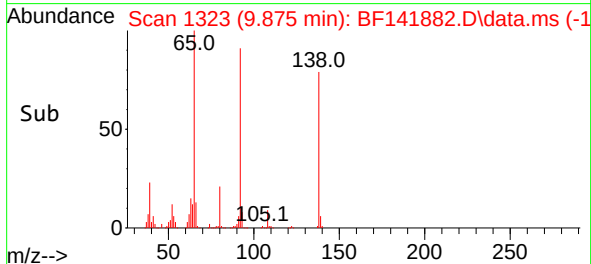
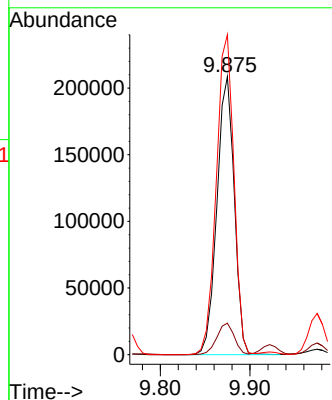
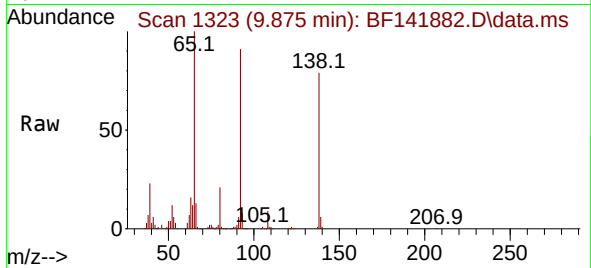




#53  
3-Nitroaniline  
Concen: 48.270 ng  
RT: 9.875 min Scan# 1323  
Delta R.T. -0.000 min  
Lab File: BF141882.D  
Acq: 07 Mar 2025 08:56

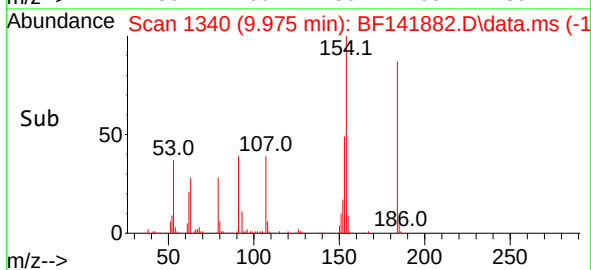
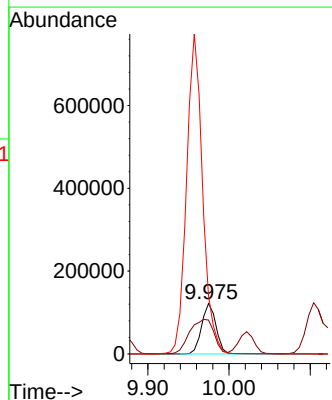
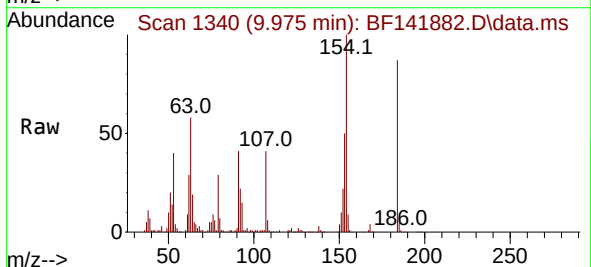
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

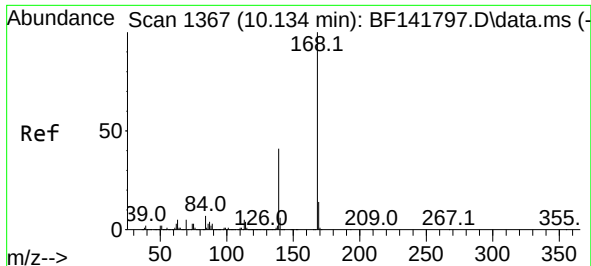
Tgt Ion:138 Resp: 279903  
Ion Ratio Lower Upper  
138 100  
108 11.3 12.7 19.1#  
92 115.1 97.9 146.9



#54  
2,4-Dinitrophenol  
Concen: 64.789 ng  
RT: 9.975 min Scan# 1340  
Delta R.T. -0.000 min  
Lab File: BF141882.D  
Acq: 07 Mar 2025 08:56

Tgt Ion:184 Resp: 150349  
Ion Ratio Lower Upper  
184 100  
63 67.1 79.0 118.6#  
154 114.7 335.8 503.8#

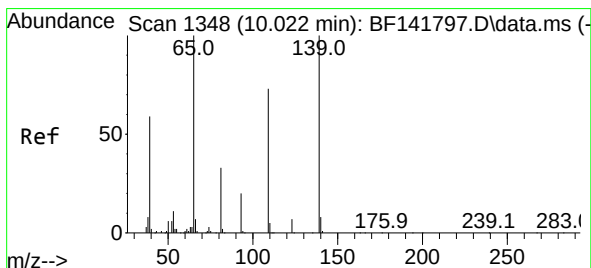
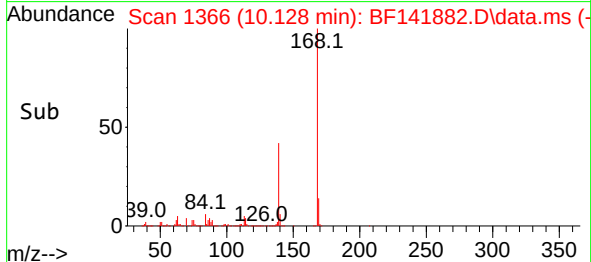
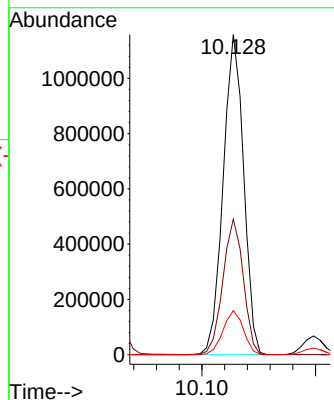
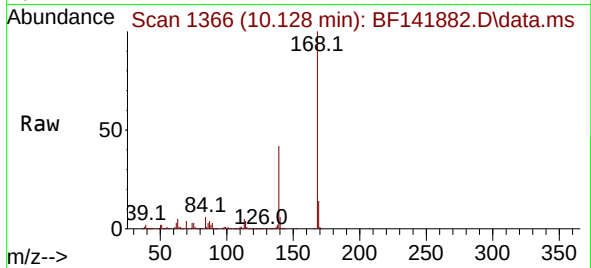




#55  
Dibenzofuran  
Concen: 41.199 ng  
RT: 10.128 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF141882.D  
Acq: 07 Mar 2025 08:56

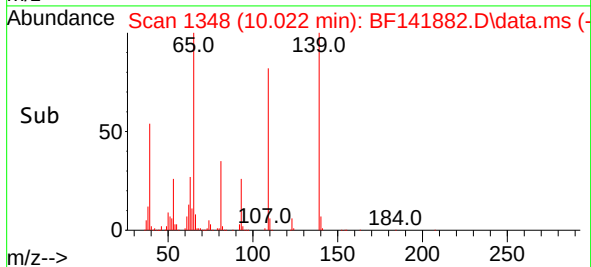
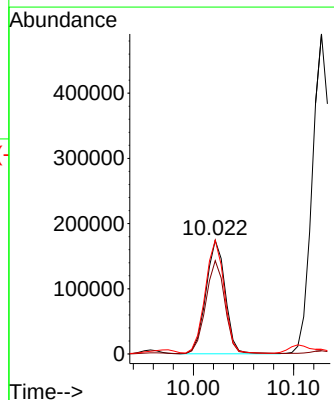
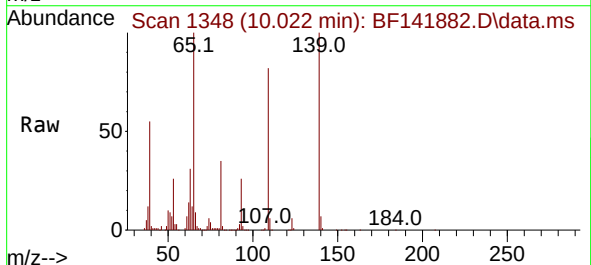
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

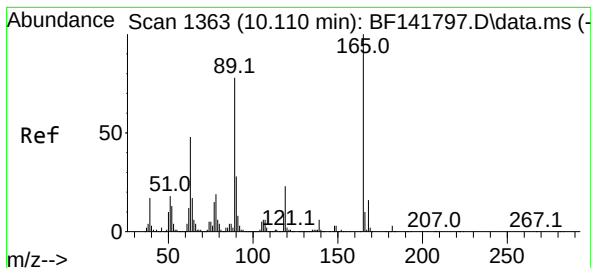
Tgt Ion:168 Resp: 1447705  
Ion Ratio Lower Upper  
168 100  
139 42.4 32.9 49.3  
169 13.7 11.1 16.7



#56  
4-Nitrophenol  
Concen: 55.625 ng  
RT: 10.022 min Scan# 1348  
Delta R.T. 0.000 min  
Lab File: BF141882.D  
Acq: 07 Mar 2025 08:56

Tgt Ion:139 Resp: 233707  
Ion Ratio Lower Upper  
139 100  
109 82.1 53.4 93.4  
65 100.2 82.1 122.1



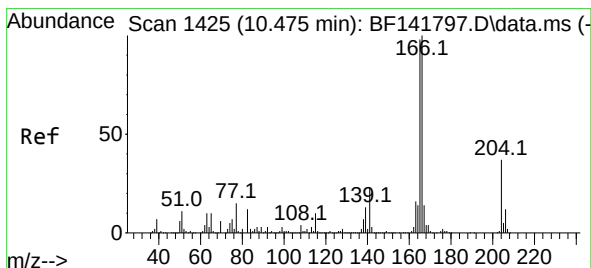
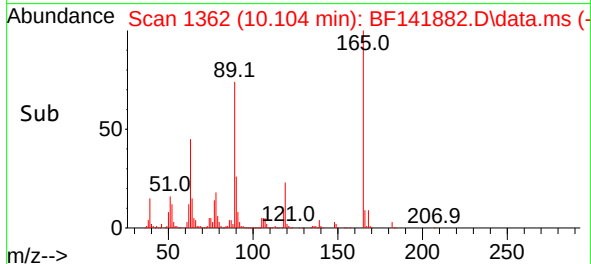
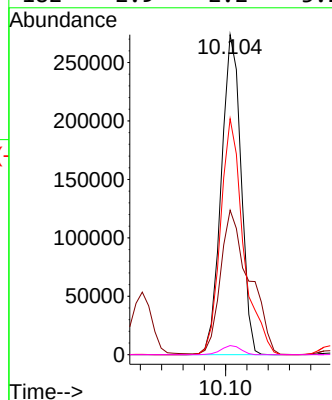
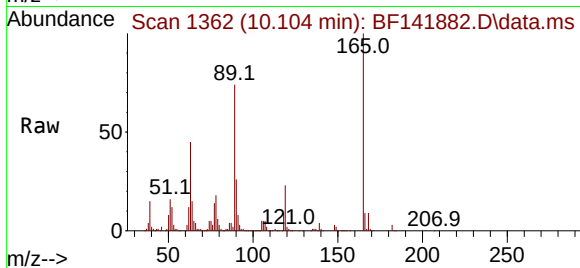


#57  
2,4-Dinitrotoluene  
Concen: 52.617 ng  
RT: 10.104 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF141882.D  
Acq: 07 Mar 2025 08:56

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:165 Resp: 352174

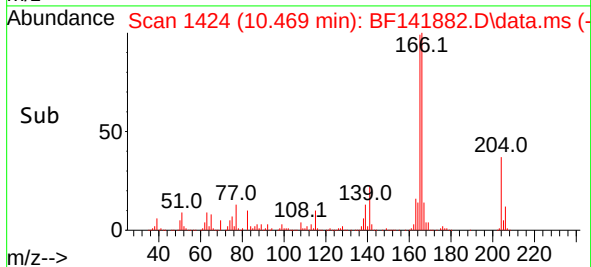
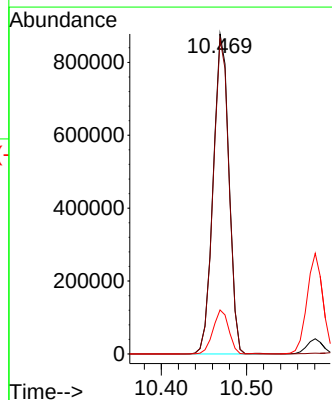
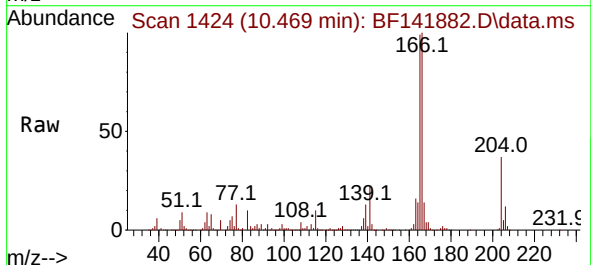
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 165 | 100   |       |       |
| 63  | 45.2  | 38.8  | 58.2  |
| 89  | 73.7  | 62.6  | 94.0  |
| 182 | 2.9   | 2.2   | 3.2   |



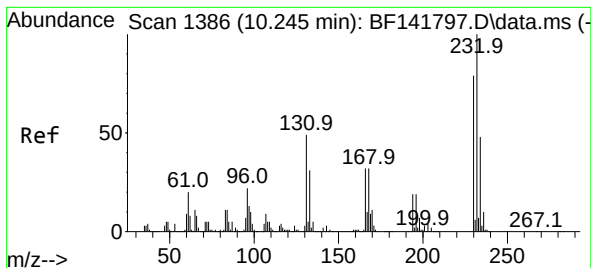
#58  
Fluorene  
Concen: 42.973 ng  
RT: 10.469 min Scan# 1424  
Delta R.T. -0.006 min  
Lab File: BF141882.D  
Acq: 07 Mar 2025 08:56

Tgt Ion:166 Resp: 1131091

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 166 | 100   |       |       |
| 165 | 98.5  | 78.6  | 117.8 |
| 167 | 13.8  | 11.0  | 16.4  |



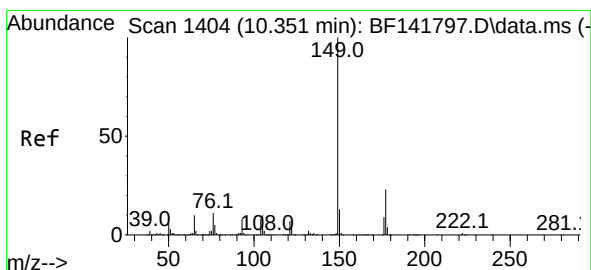
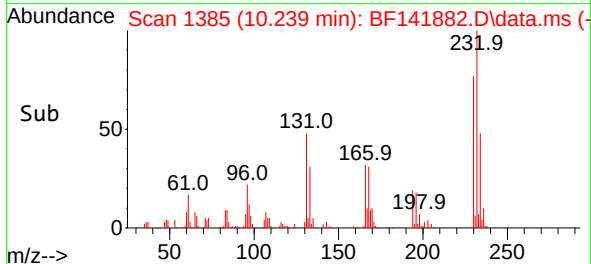
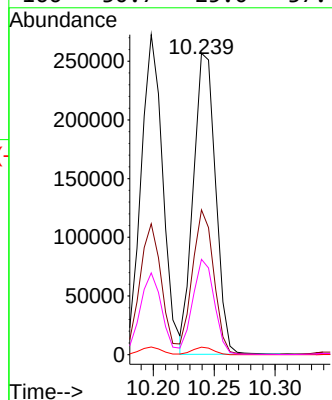
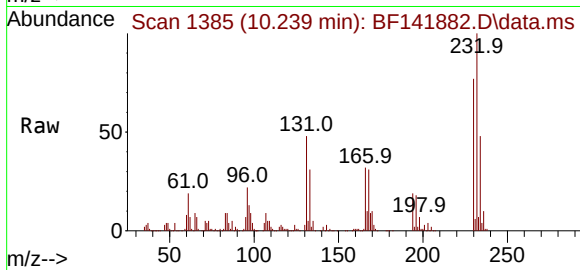




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 47.692 ng  
RT: 10.239 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF141882.D  
Acq: 07 Mar 2025 08:56

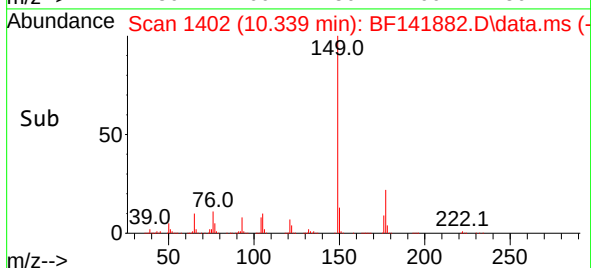
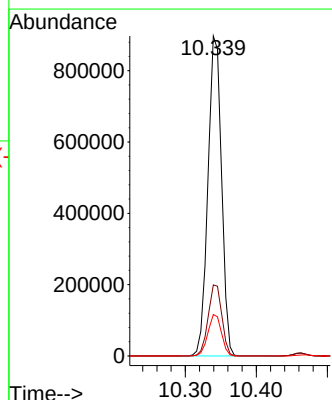
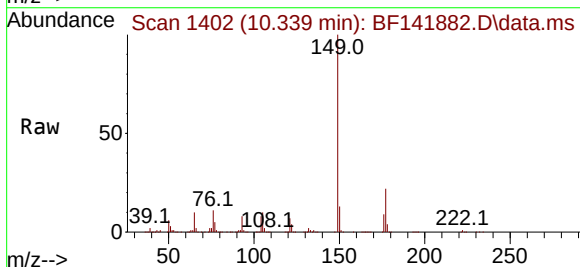
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

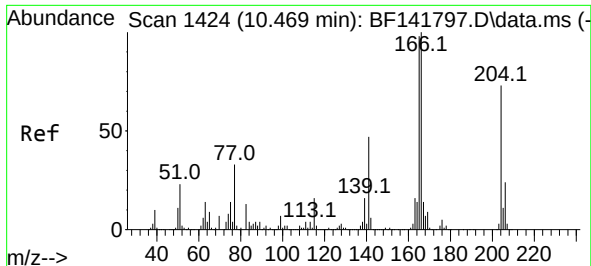
Tgt Ion:232 Resp: 325495  
Ion Ratio Lower Upper  
232 100  
131 46.1 37.8 56.8  
130 2.4 2.0 3.0  
166 30.7 25.0 37.4



#60  
Diethylphthalate  
Concen: 41.951 ng  
RT: 10.339 min Scan# 1402  
Delta R.T. -0.012 min  
Lab File: BF141882.D  
Acq: 07 Mar 2025 08:56

Tgt Ion:149 Resp: 1196331  
Ion Ratio Lower Upper  
149 100  
177 22.2 18.3 27.5  
150 12.9 10.3 15.5

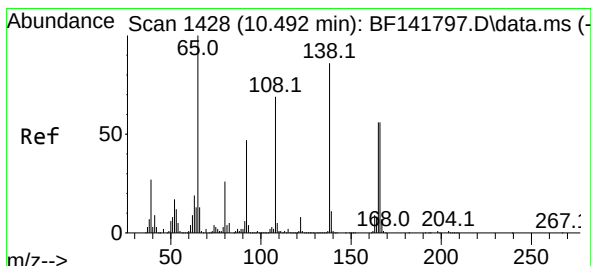
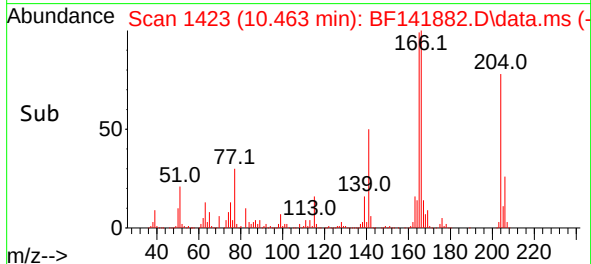
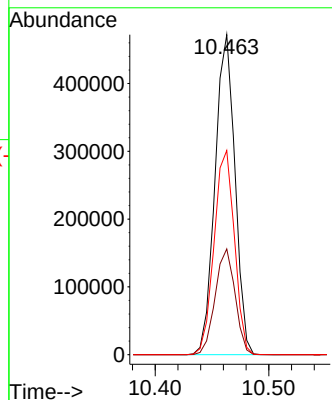
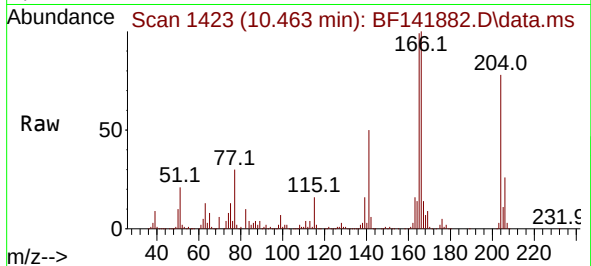




#61  
4-Chlorophenyl-phenylether  
Concen: 43.684 ng  
RT: 10.463 min Scan# 1424  
Delta R.T. -0.006 min  
Lab File: BF141882.D  
Acq: 07 Mar 2025 08:56

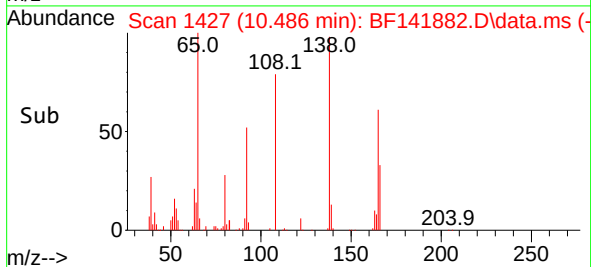
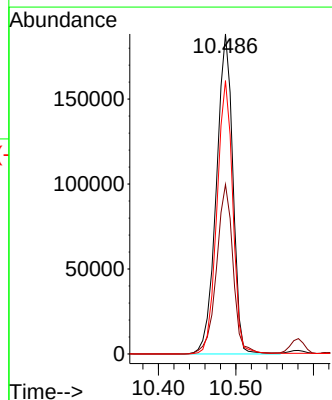
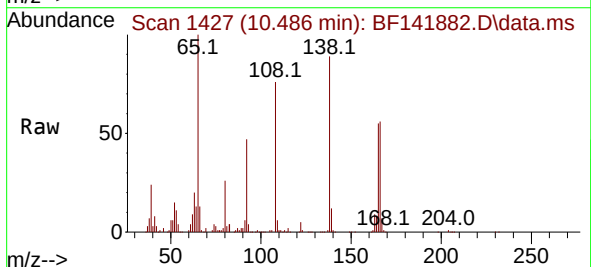
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

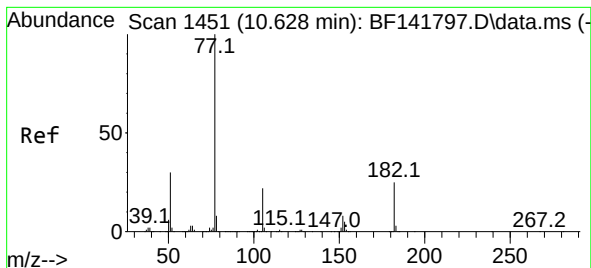
Tgt Ion:204 Resp: 576098  
Ion Ratio Lower Upper  
204 100  
206 33.1 26.2 39.4  
141 63.8 51.7 77.5



#62  
4-Nitroaniline  
Concen: 57.344 ng  
RT: 10.486 min Scan# 1427  
Delta R.T. -0.006 min  
Lab File: BF141882.D  
Acq: 07 Mar 2025 08:56

Tgt Ion:138 Resp: 278576  
Ion Ratio Lower Upper  
138 100  
92 53.0 34.9 74.9  
108 85.4 59.6 99.6

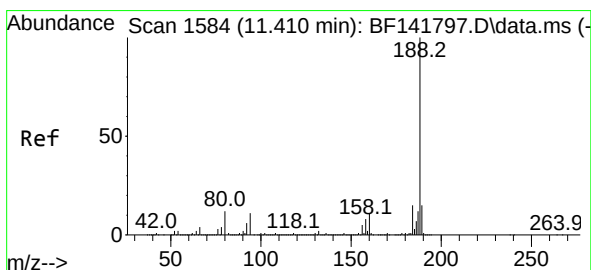
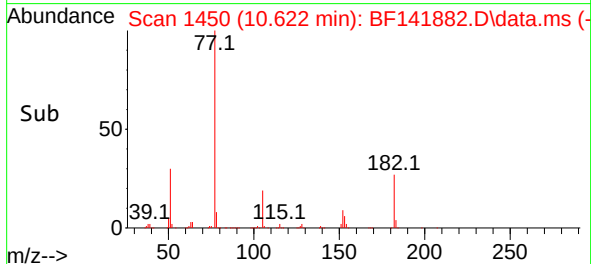
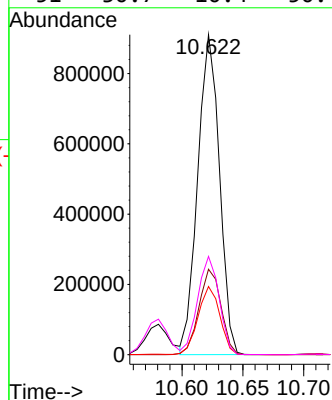
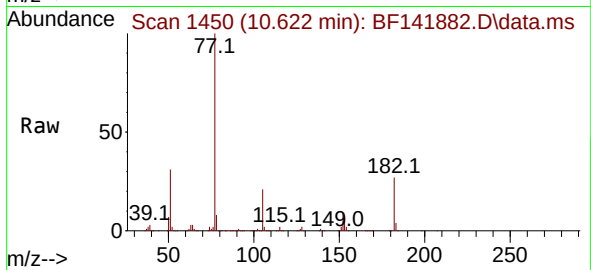




#63  
Azobenzene  
Concen: 37.727 ng  
RT: 10.622 min Scan# 1451  
Delta R.T. -0.006 min  
Lab File: BF141882.D  
Acq: 07 Mar 2025 08:56

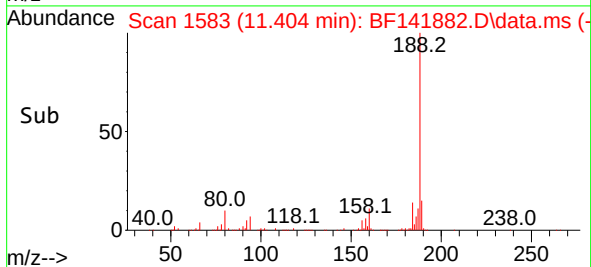
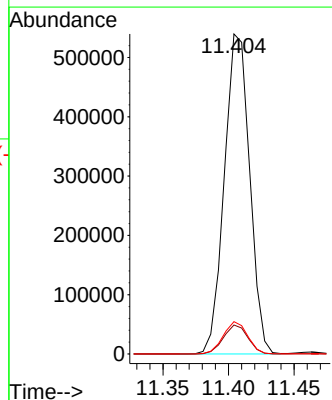
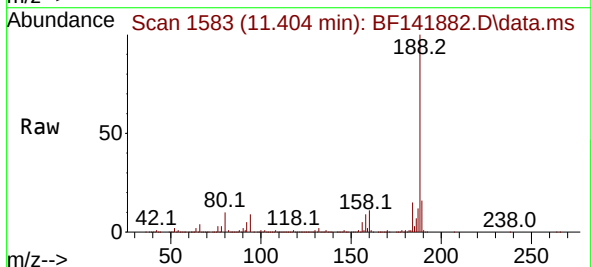
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

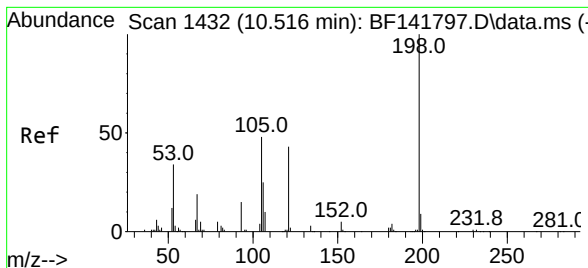
Tgt Ion: 77 Resp: 1132824  
Ion Ratio Lower Upper  
77 100  
182 26.7 4.2 44.2  
105 21.3 1.5 41.5  
51 30.7 10.4 50.4



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.404 min Scan# 1583  
Delta R.T. -0.006 min  
Lab File: BF141882.D  
Acq: 07 Mar 2025 08:56

Tgt Ion: 188 Resp: 725251  
Ion Ratio Lower Upper  
188 100  
94 9.1 8.9 13.3  
80 10.1 9.7 14.5

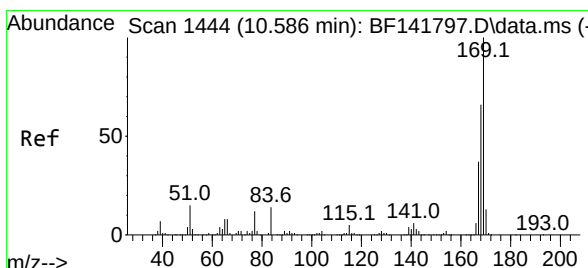
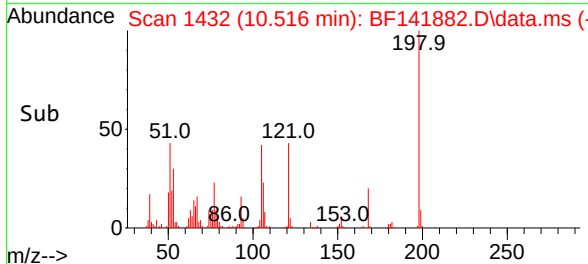
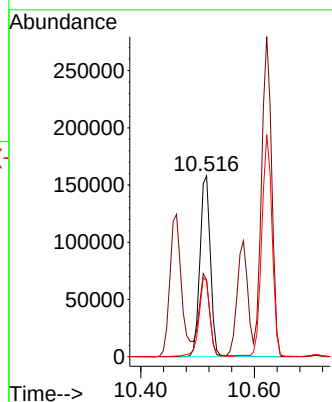
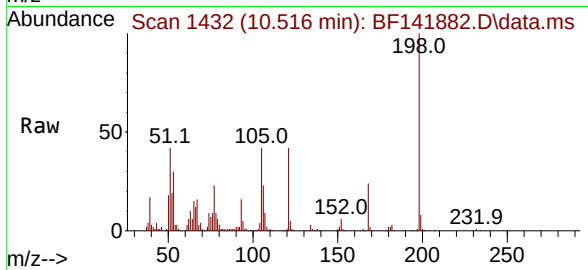




#65  
4,6-Dinitro-2-methylphenol  
Concen: 57.660 ng  
RT: 10.516 min Scan# 1432  
Delta R.T. -0.000 min  
Lab File: BF141882.D  
Acq: 07 Mar 2025 08:56

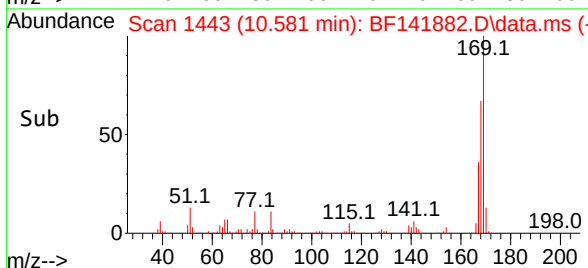
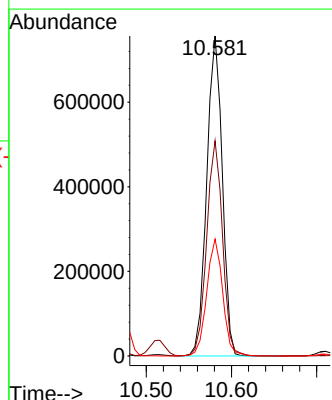
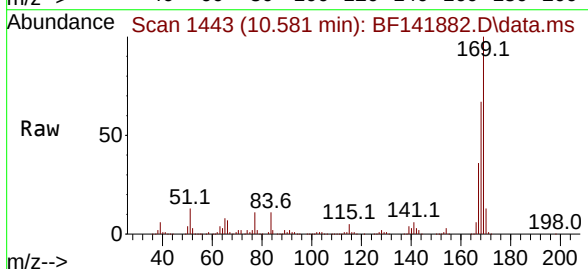
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

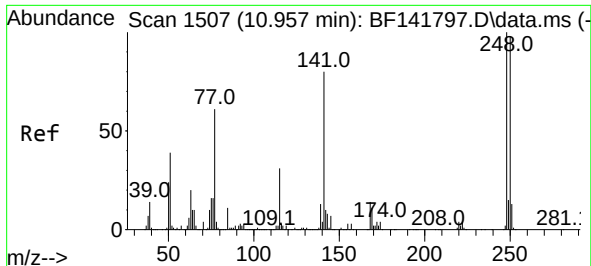
Tgt Ion:198 Resp: 203648  
Ion Ratio Lower Upper  
198 100  
51 42.4 32.1 72.1  
105 41.8 28.5 68.5



#66  
n-Nitrosodiphenylamine  
Concen: 40.261 ng  
RT: 10.581 min Scan# 1443  
Delta R.T. -0.006 min  
Lab File: BF141882.D  
Acq: 07 Mar 2025 08:56

Tgt Ion:169 Resp: 958807  
Ion Ratio Lower Upper  
169 100  
168 67.3 53.0 79.6  
167 36.5 29.3 43.9

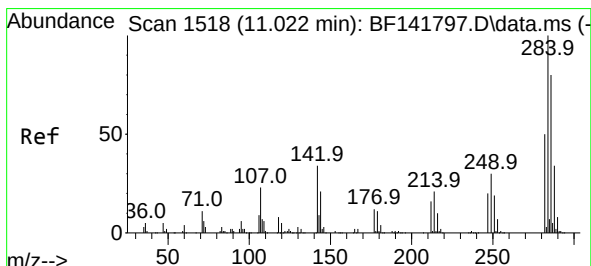
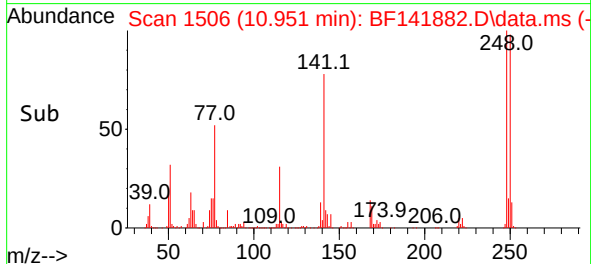
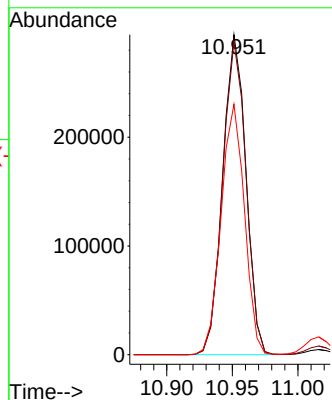
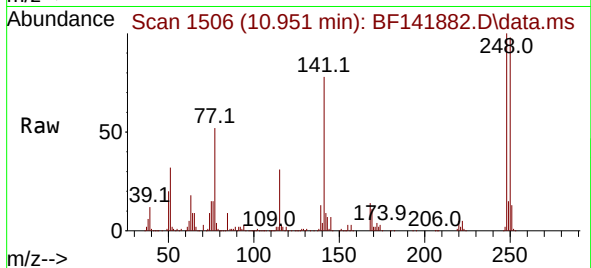




#67  
4-Bromophenyl-phenylether  
Concen: 42.900 ng  
RT: 10.951 min Scan# 1506  
Delta R.T. -0.006 min  
Lab File: BF141882.D  
Acq: 07 Mar 2025 08:56

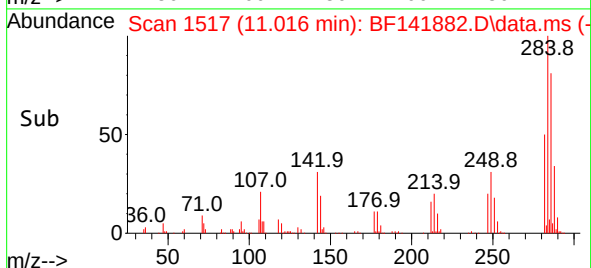
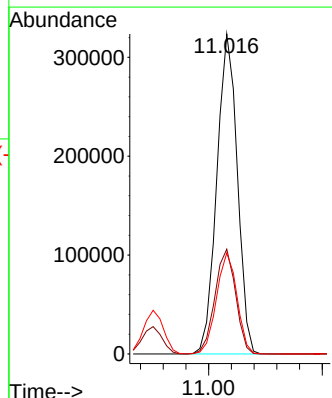
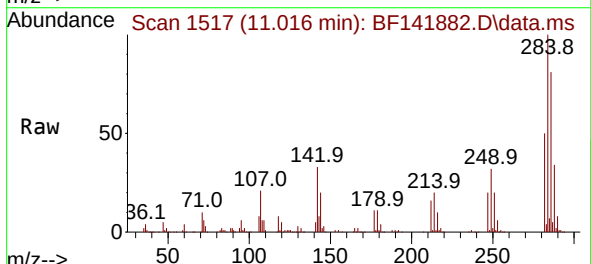
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

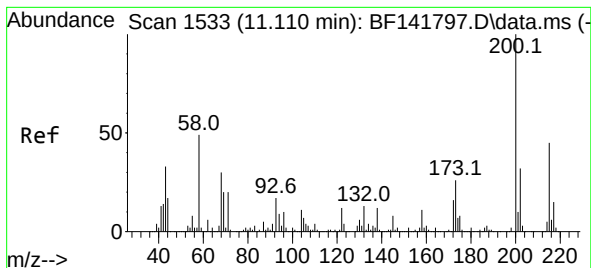
Tgt Ion:248 Resp: 363416  
Ion Ratio Lower Upper  
248 100  
250 97.8 78.1 117.1  
141 78.3 64.3 96.5



#68  
Hexachlorobenzene  
Concen: 45.366 ng  
RT: 11.016 min Scan# 1517  
Delta R.T. -0.006 min  
Lab File: BF141882.D  
Acq: 07 Mar 2025 08:56

Tgt Ion:284 Resp: 405812  
Ion Ratio Lower Upper  
284 100  
142 32.7 28.2 42.2  
249 31.6 25.5 38.3





#69

Atrazine

Concen: 34.487 ng

RT: 11.104 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141882.D

Acq: 07 Mar 2025 08:56

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

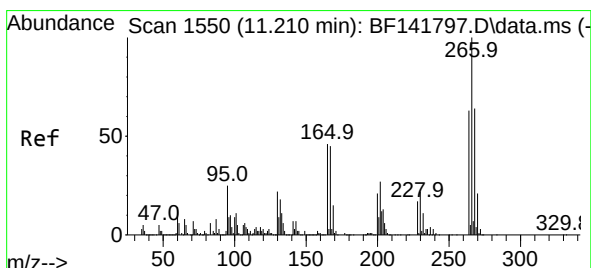
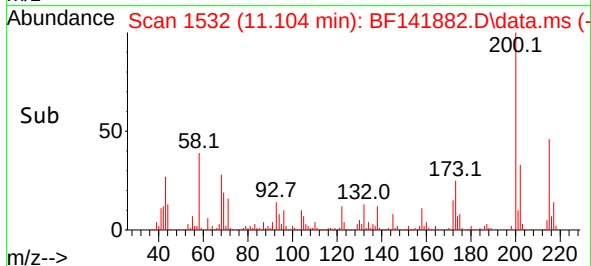
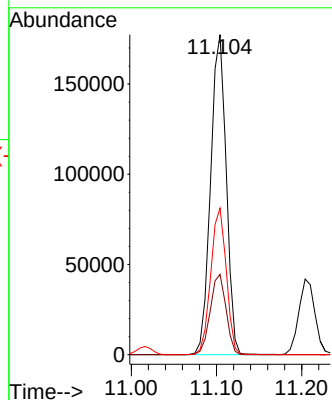
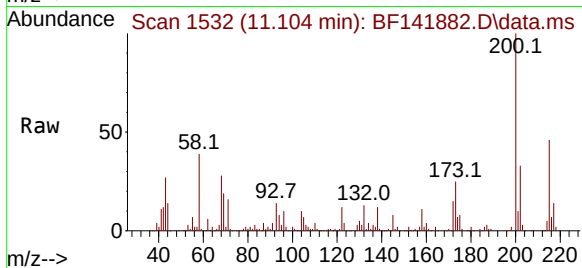
Tgt Ion:200 Resp: 225851

Ion Ratio Lower Upper

200 100

173 25.1 5.6 45.6

215 45.8 25.3 65.3



#70

Pentachlorophenol

Concen: 49.971 ng

RT: 11.204 min Scan# 1549

Delta R.T. -0.006 min

Lab File: BF141882.D

Acq: 07 Mar 2025 08:56

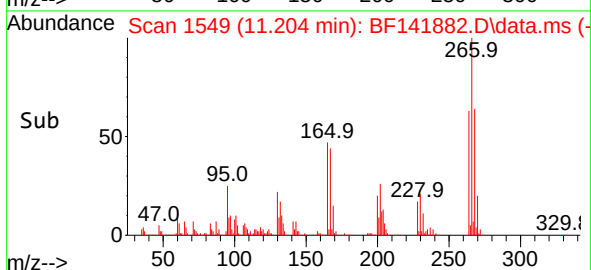
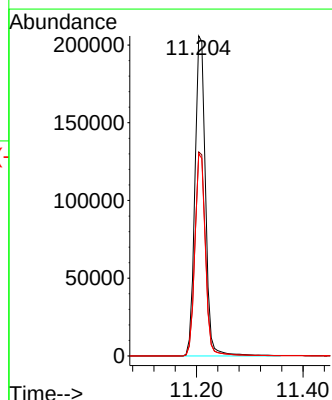
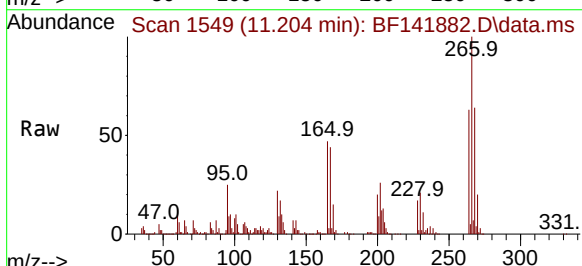
Tgt Ion:266 Resp: 283509

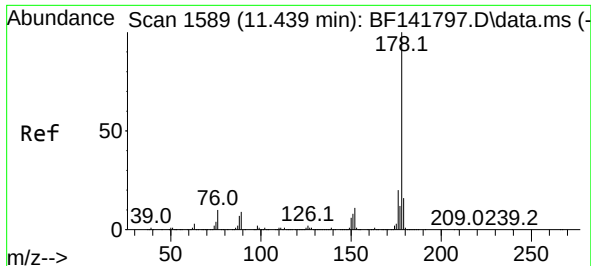
Ion Ratio Lower Upper

266 100

268 63.8 50.9 76.3

264 63.2 50.2 75.4

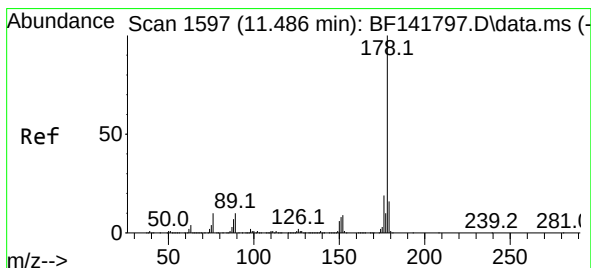
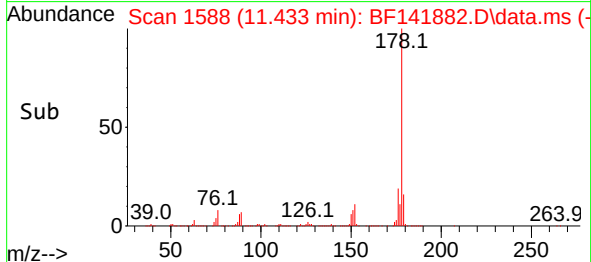
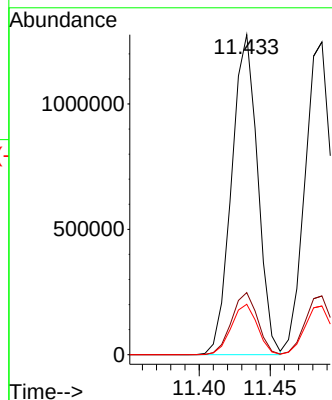
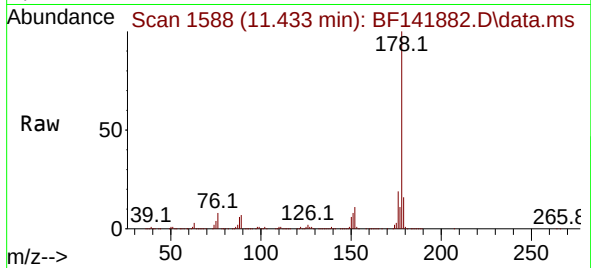




#71  
Phenanthrene  
Concen: 41.941 ng  
RT: 11.433 min Scan# 1588  
Delta R.T. -0.006 min  
Lab File: BF141882.D  
Acq: 07 Mar 2025 08:56

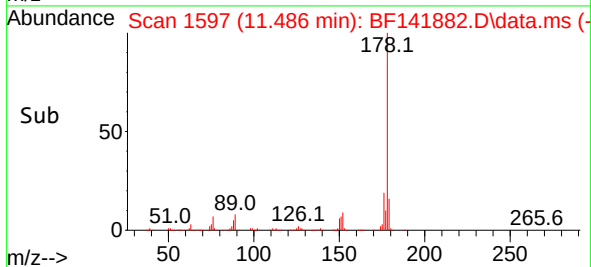
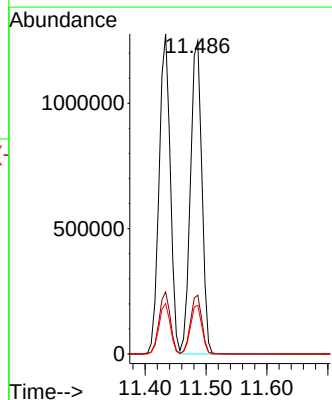
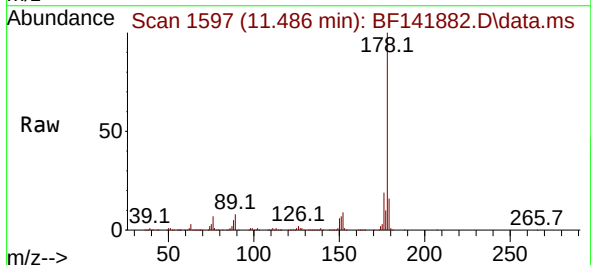
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BNA\_F  
ClientSampleId :  
SSTDCCC040

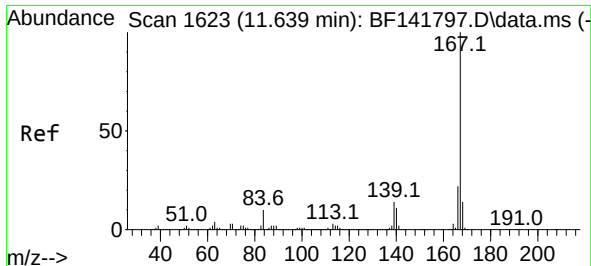
Tgt Ion:178 Resp: 1627067  
Ion Ratio Lower Upper  
178 100  
176 19.4 16.0 24.0  
179 15.7 12.6 19.0



#72  
Anthracene  
Concen: 41.818 ng  
RT: 11.486 min Scan# 1597  
Delta R.T. 0.000 min  
Lab File: BF141882.D  
Acq: 07 Mar 2025 08:56

Tgt Ion:178 Resp: 1625869  
Ion Ratio Lower Upper  
178 100  
176 18.8 15.4 23.0  
179 15.6 12.8 19.2

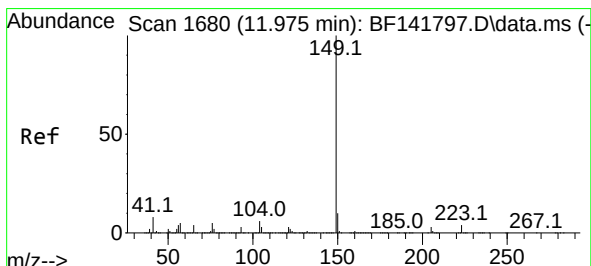
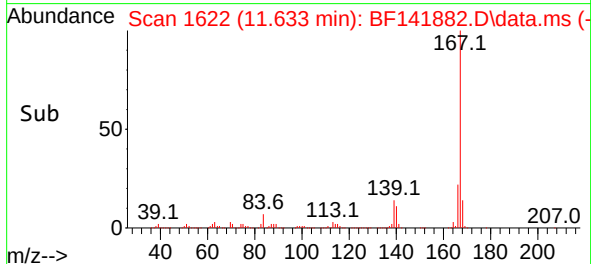
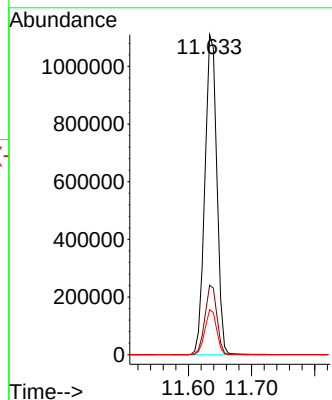
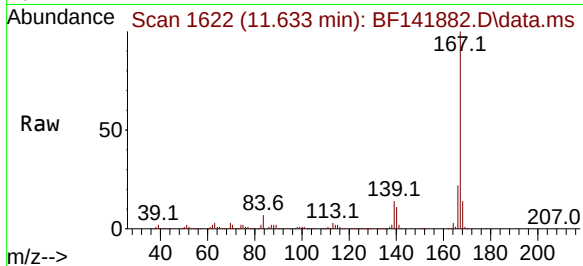




#73  
 Carbazole  
 Concen: 42.664 ng  
 RT: 11.633 min Scan# 1622  
 Delta R.T. -0.006 min  
 Lab File: BF141882.D  
 Acq: 07 Mar 2025 08:56

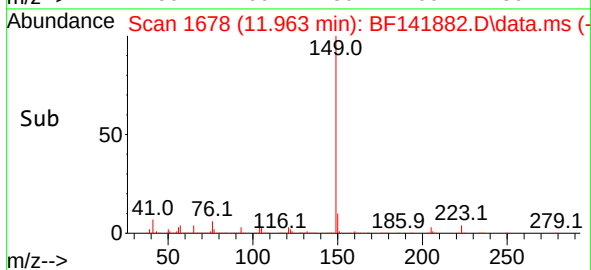
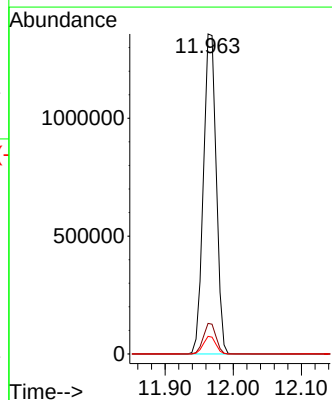
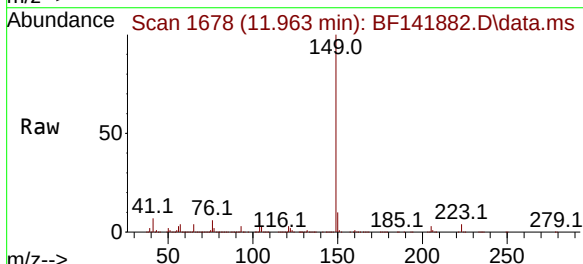
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:167 Resp: 1464842  
 Ion Ratio Lower Upper  
 167 100  
 166 21.7 17.5 26.3  
 139 14.0 11.3 16.9

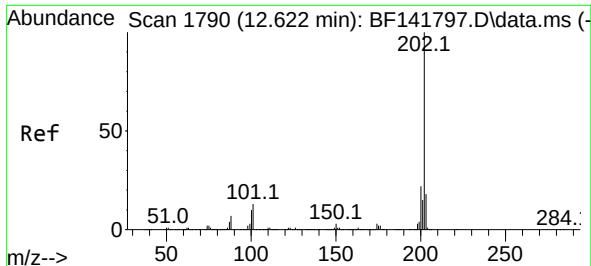


#74  
 Di-n-butylphthalate  
 Concen: 40.848 ng  
 RT: 11.963 min Scan# 1678  
 Delta R.T. -0.012 min  
 Lab File: BF141882.D  
 Acq: 07 Mar 2025 08:56

Tgt Ion:149 Resp: 1777768  
 Ion Ratio Lower Upper  
 149 100  
 150 9.5 7.7 11.5  
 104 5.5 4.4 6.6



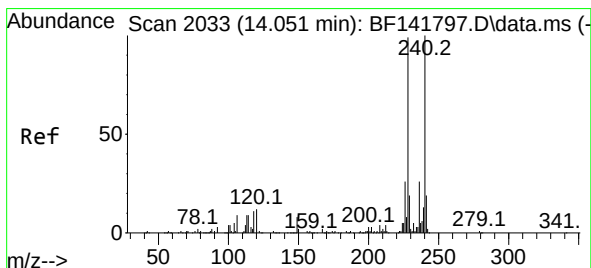
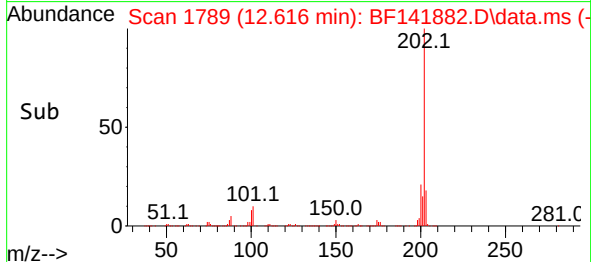
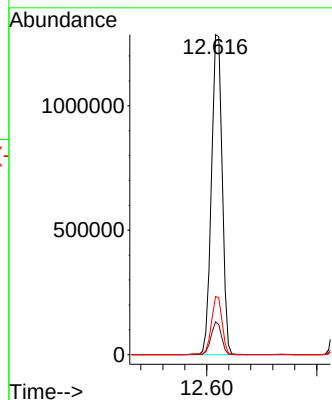
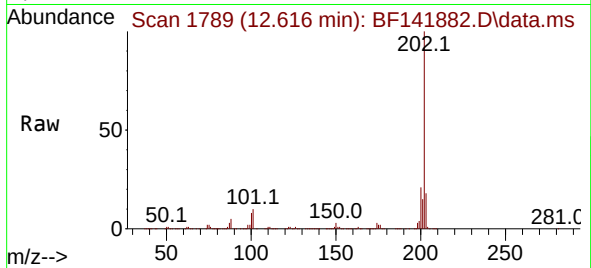




#75  
Fluoranthene  
Concen: 43.809 ng  
RT: 12.616 min Scan# 1789  
Delta R.T. -0.006 min  
Lab File: BF141882.D  
Acq: 07 Mar 2025 08:56

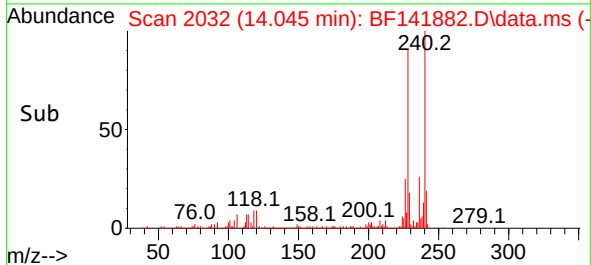
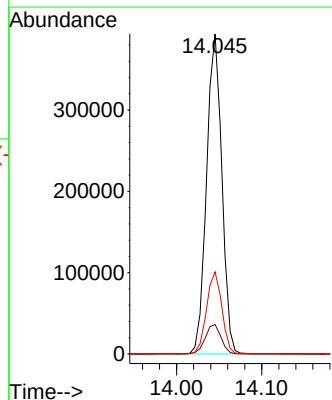
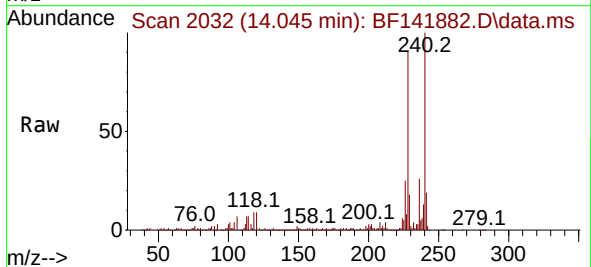
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

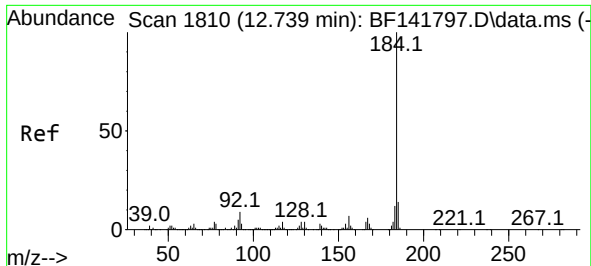
Tgt Ion:202 Resp: 1741431  
Ion Ratio Lower Upper  
202 100  
101 10.3 0.0 32.8  
203 18.2 0.0 38.0



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.045 min Scan# 2032  
Delta R.T. -0.006 min  
Lab File: BF141882.D  
Acq: 07 Mar 2025 08:56

Tgt Ion:240 Resp: 490278  
Ion Ratio Lower Upper  
240 100  
120 9.2 9.7 14.5#  
236 25.7 21.0 31.4

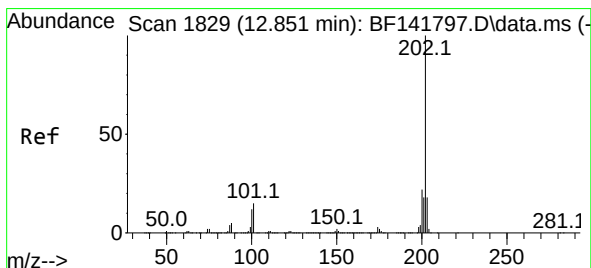
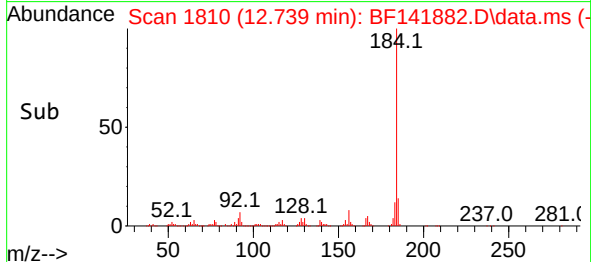
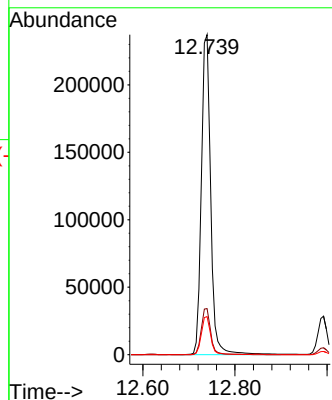
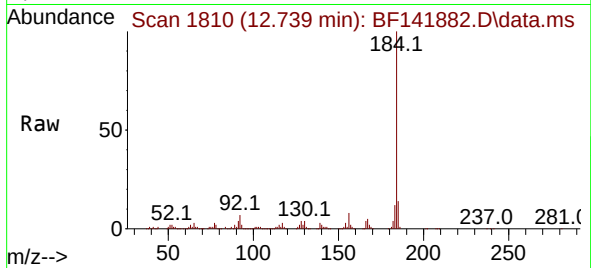




#77  
Benzidine  
Concen: 54.265 ng  
RT: 12.739 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: BF141882.D  
Acq: 07 Mar 2025 08:56

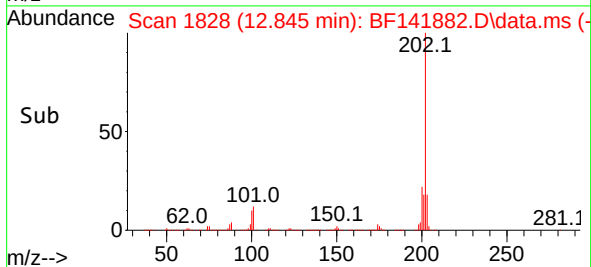
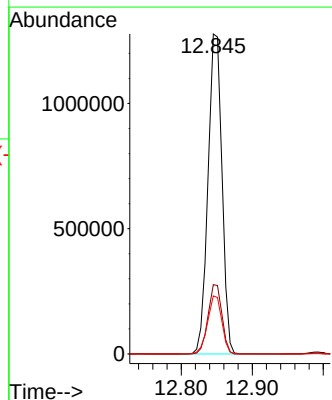
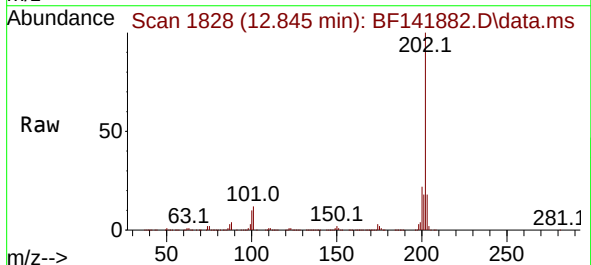
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

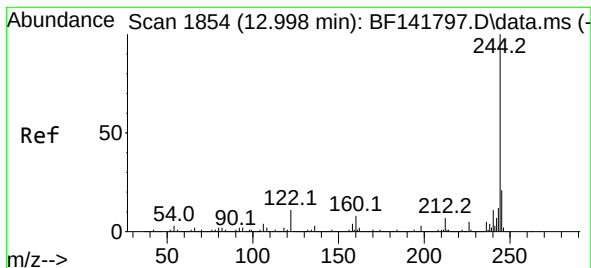
Tgt Ion:184 Resp: 334863  
Ion Ratio Lower Upper  
184 100  
185 14.4 11.6 17.4  
183 11.9 9.4 14.0



#78  
Pyrene  
Concen: 41.240 ng  
RT: 12.845 min Scan# 1828  
Delta R.T. -0.006 min  
Lab File: BF141882.D  
Acq: 07 Mar 2025 08:56

Tgt Ion:202 Resp: 1750834  
Ion Ratio Lower Upper  
202 100  
200 21.7 17.4 26.0  
203 18.2 14.6 22.0





#79

Terphenyl-d14

Concen: 87.300 ng

RT: 12.992 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141882.D

Acq: 07 Mar 2025 08:56

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

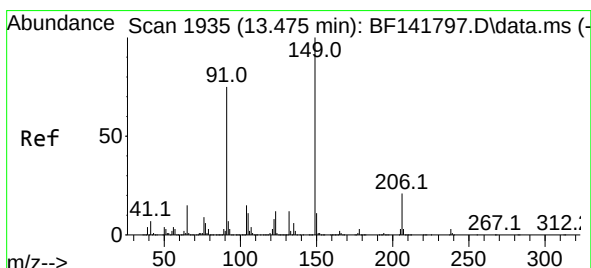
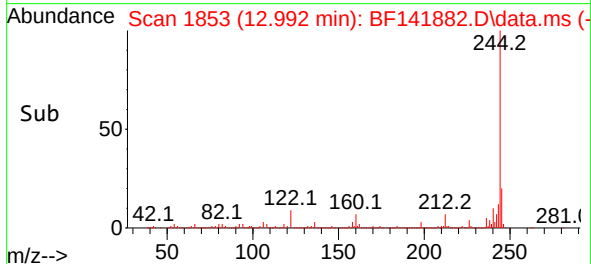
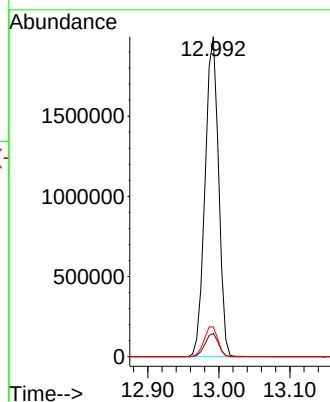
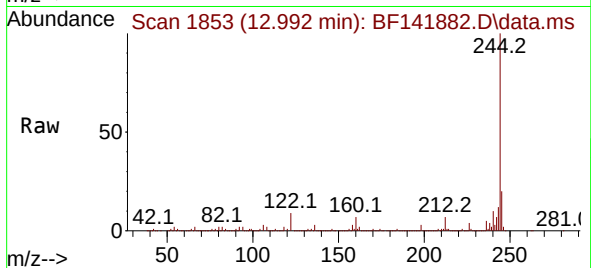
Tgt Ion:244 Resp: 2645443

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

122 9.3 9.0 13.6



#80

Butylbenzylphthalate

Concen: 43.806 ng

RT: 13.463 min Scan# 1933

Delta R.T. -0.012 min

Lab File: BF141882.D

Acq: 07 Mar 2025 08:56

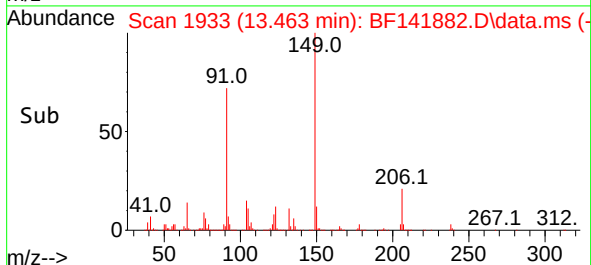
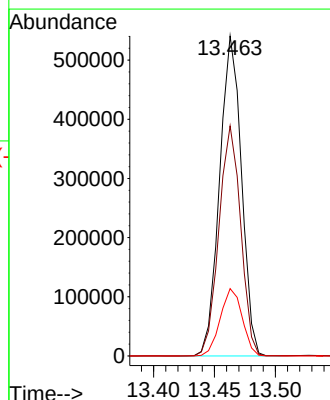
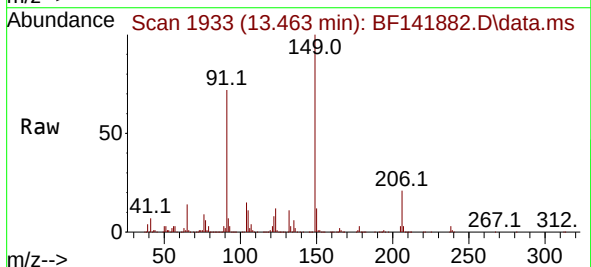
Tgt Ion:149 Resp: 675703

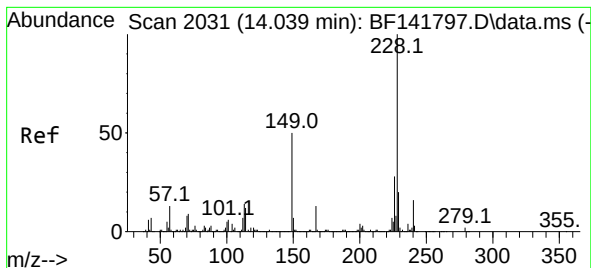
Ion Ratio Lower Upper

149 100

91 71.9 60.1 90.1

206 21.1 16.8 25.2





#81

Benzo(a)anthracene

Concen: 40.602 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF141882.D

Acq: 07 Mar 2025 08:56

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

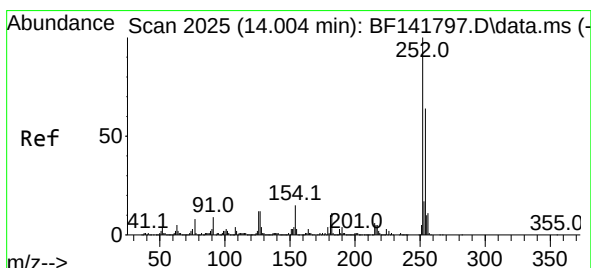
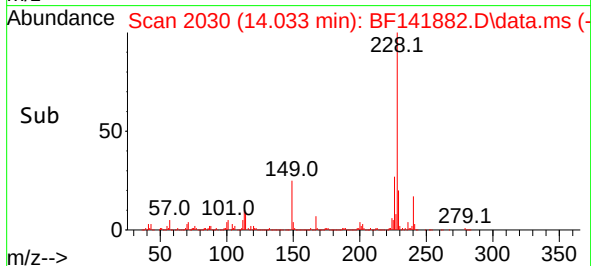
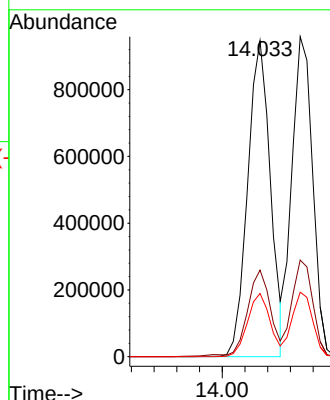
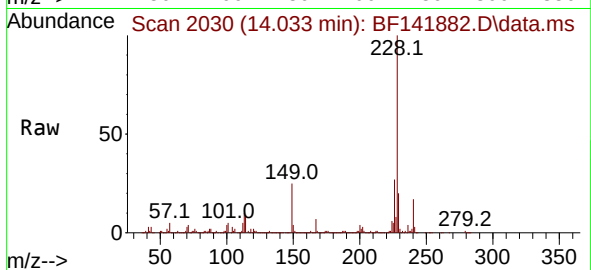
Tgt Ion:228 Resp: 1314838

Ion Ratio Lower Upper

228 100

226 27.4 22.1 33.1

229 20.0 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 41.897 ng

RT: 13.992 min Scan# 2023

Delta R.T. -0.012 min

Lab File: BF141882.D

Acq: 07 Mar 2025 08:56

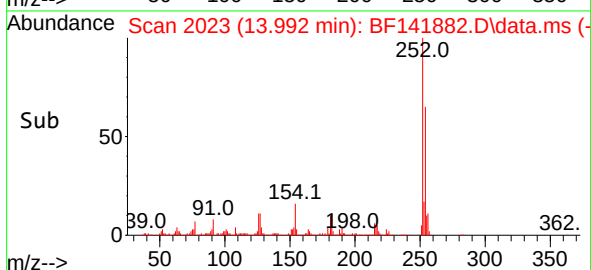
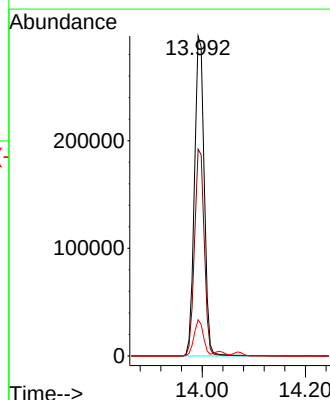
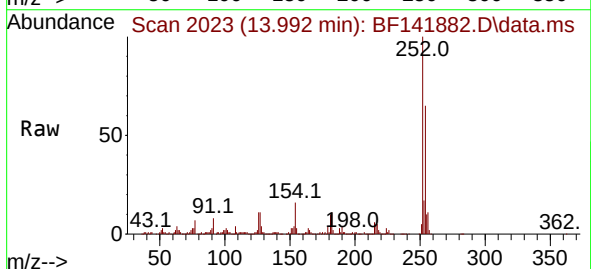
Tgt Ion:252 Resp: 389271

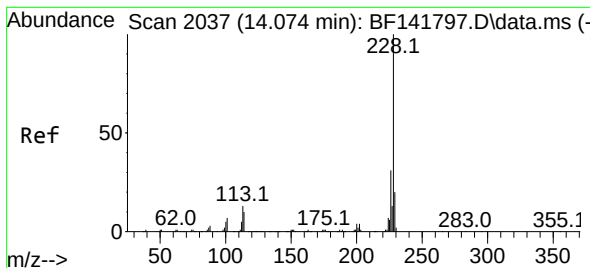
Ion Ratio Lower Upper

252 100

254 64.6 51.4 77.0

126 11.3 9.8 14.6





#83

Chrysene

Concen: 40.821 ng

RT: 14.069 min Scan# 2036

Delta R.T. -0.006 min

Lab File: BF141882.D

Acq: 07 Mar 2025 08:56

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

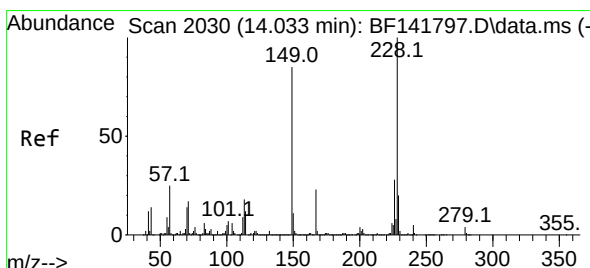
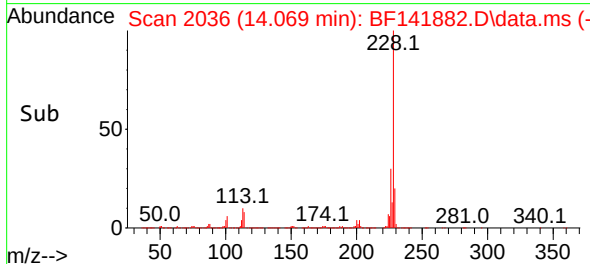
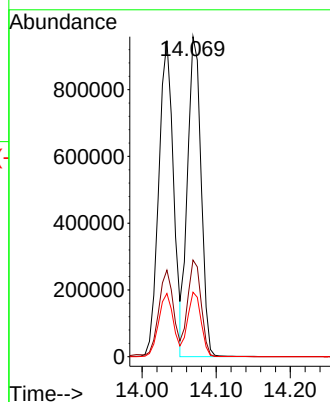
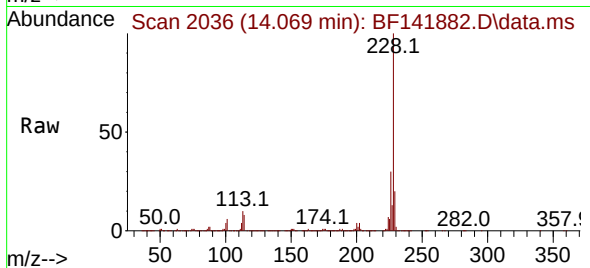
Tgt Ion:228 Resp: 1218583

Ion Ratio Lower Upper

228 100

226 30.2 24.6 37.0

229 20.2 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.141 ng

RT: 14.022 min Scan# 2028

Delta R.T. -0.012 min

Lab File: BF141882.D

Acq: 07 Mar 2025 08:56

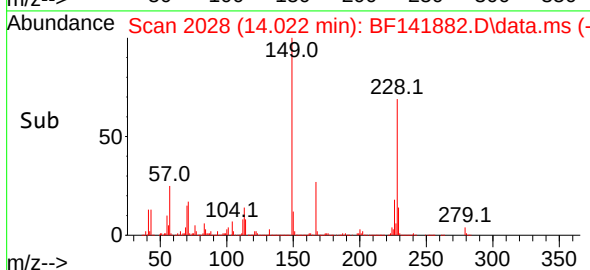
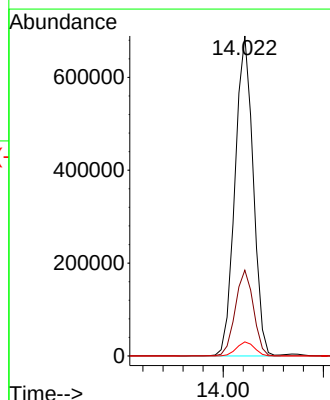
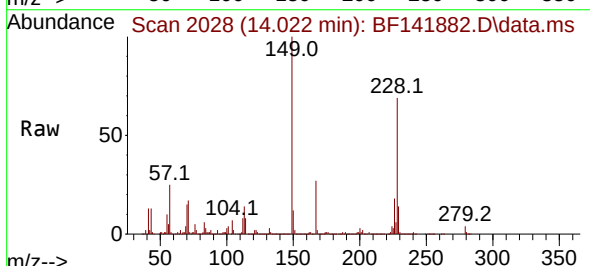
Tgt Ion:149 Resp: 866982

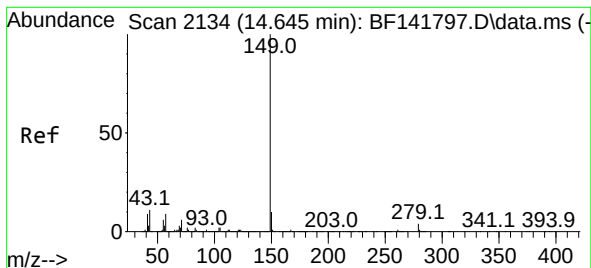
Ion Ratio Lower Upper

149 100

167 26.8 21.2 31.8

279 4.4 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 40.729 ng

RT: 14.633 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF141882.D

Acq: 07 Mar 2025 08:56

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

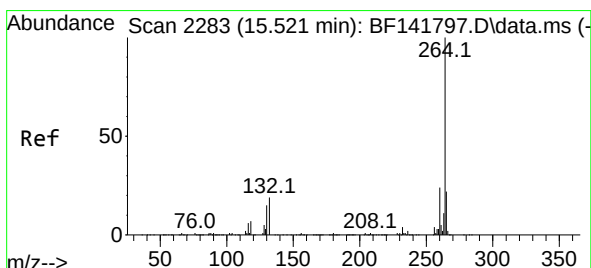
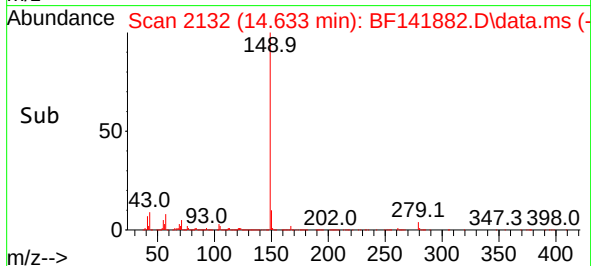
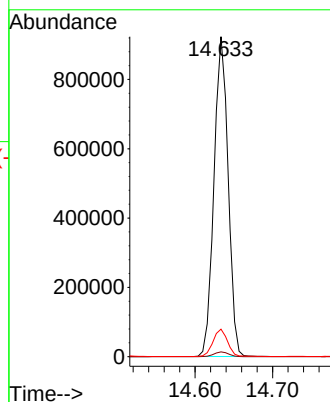
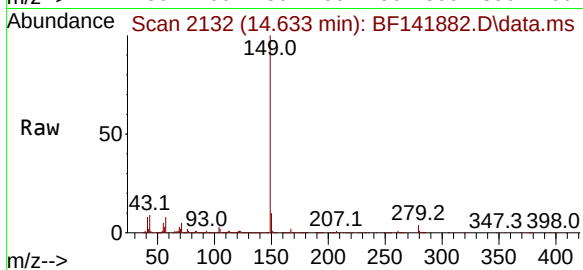
Tgt Ion:149 Resp: 1171115

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 8.8 8.6 12.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.516 min Scan# 2282

Delta R.T. -0.006 min

Lab File: BF141882.D

Acq: 07 Mar 2025 08:56

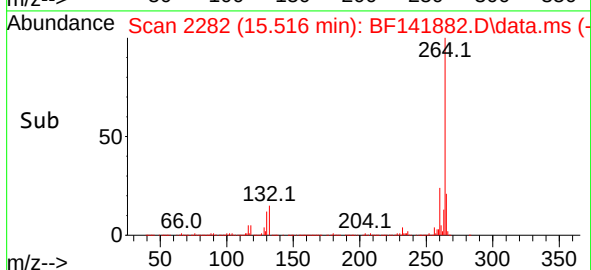
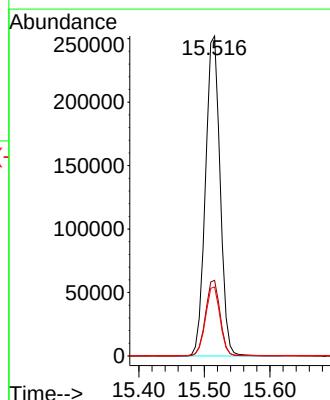
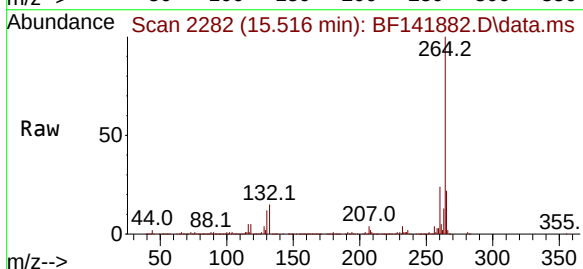
Tgt Ion:264 Resp: 391726

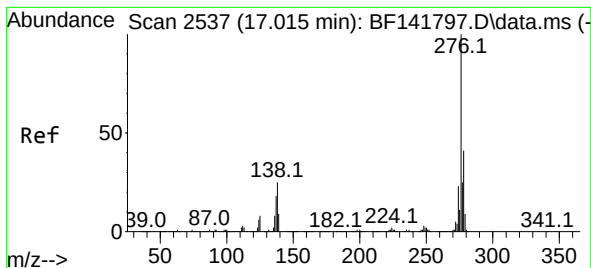
Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 21.6 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.142 ng

RT: 17.004 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF141882.D

Acq: 07 Mar 2025 08:56

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

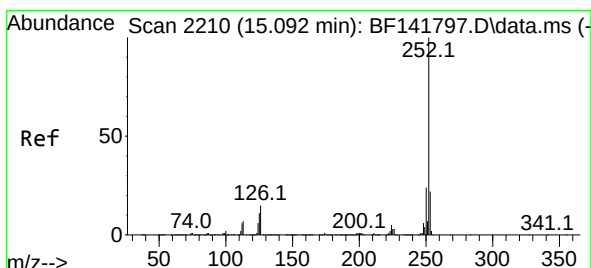
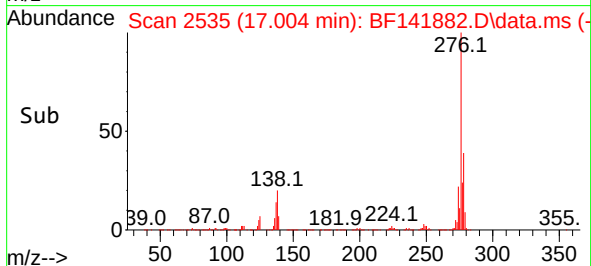
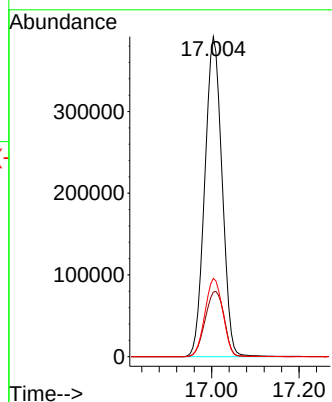
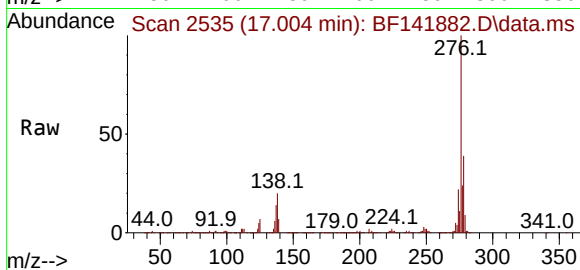
Tgt Ion:276 Resp: 1076120

Ion Ratio Lower Upper

276 100

138 22.6 22.5 33.7

277 25.2 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 42.113 ng

RT: 15.080 min Scan# 2208

Delta R.T. -0.012 min

Lab File: BF141882.D

Acq: 07 Mar 2025 08:56

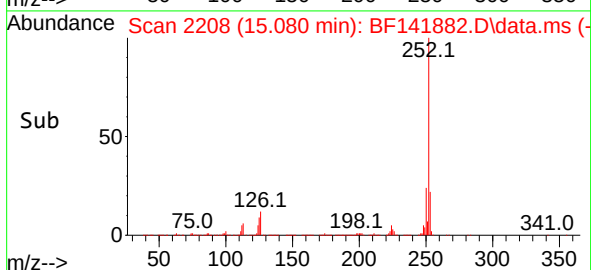
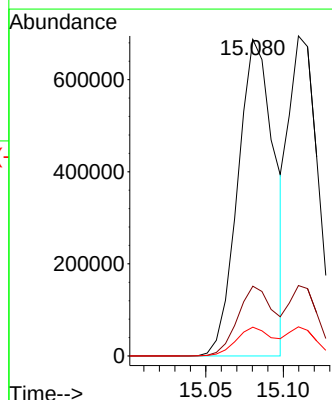
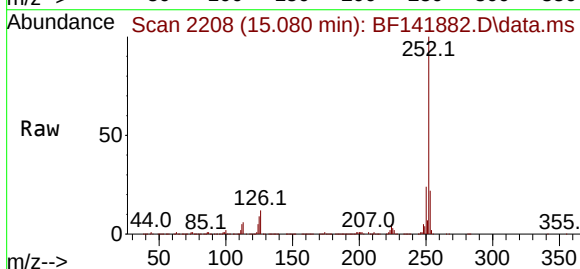
Tgt Ion:252 Resp: 1123711

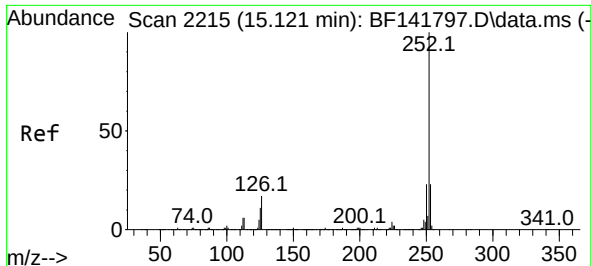
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 9.1 8.6 13.0

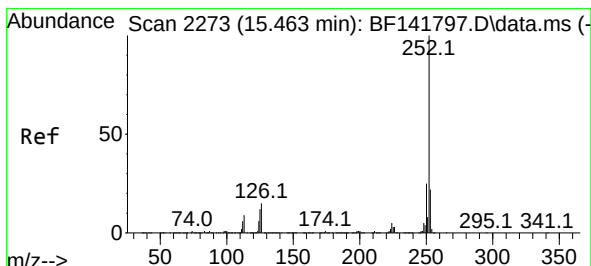
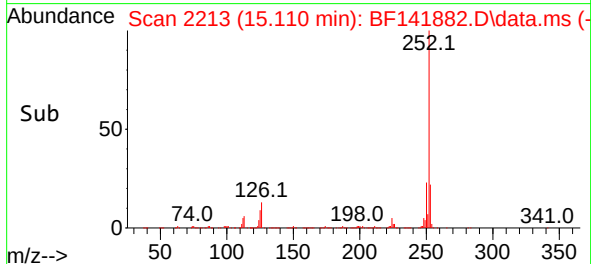
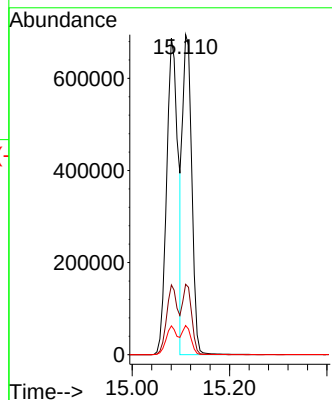
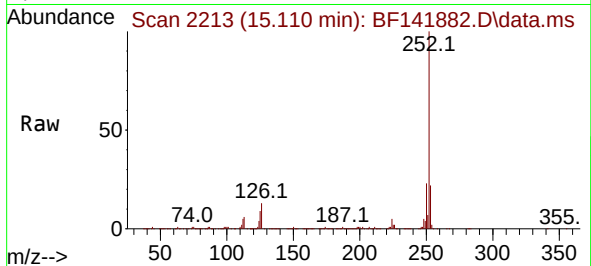




#89  
Benzo(k)fluoranthene  
Concen: 39.990 ng  
RT: 15.110 min Scan# 2110  
Delta R.T. -0.012 min  
Lab File: BF141882.D  
Acq: 07 Mar 2025 08:56

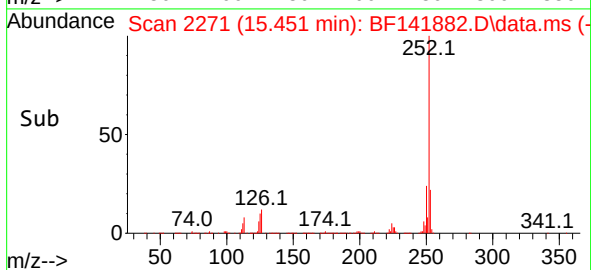
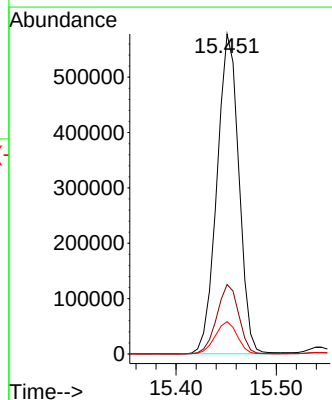
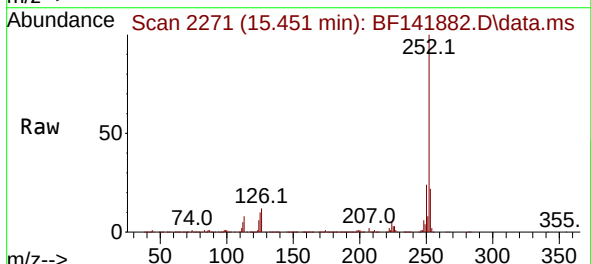
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:252 Resp: 906957  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.8 26.8  
125 9.1 8.8 13.2

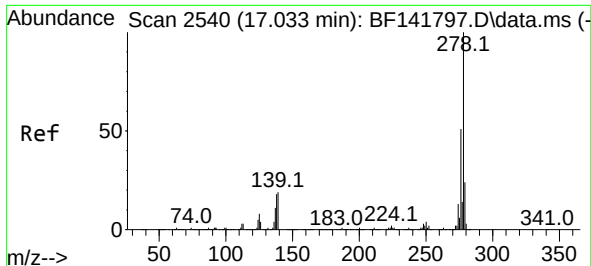


#90  
Benzo(a)pyrene  
Concen: 41.098 ng  
RT: 15.451 min Scan# 2271  
Delta R.T. -0.012 min  
Lab File: BF141882.D  
Acq: 07 Mar 2025 08:56

Tgt Ion:252 Resp: 879490  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.5 26.3  
125 10.1 9.4 14.2



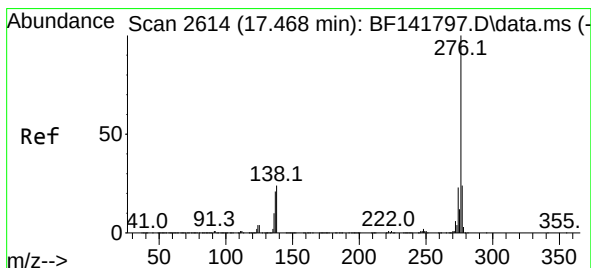
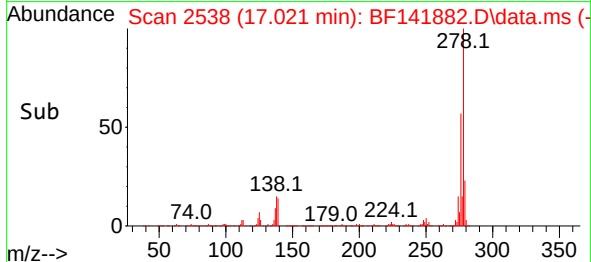
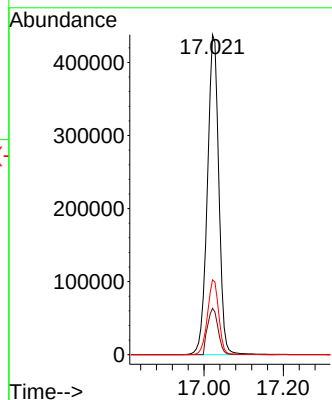
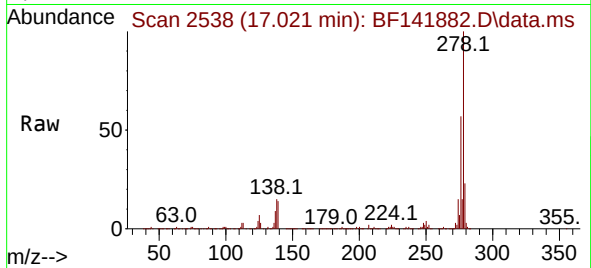




#91  
Dibenzo(a,h)anthracene  
Concen: 43.122 ng  
RT: 17.021 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BF141882.D  
Acq: 07 Mar 2025 08:56

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:278 Resp: 877994  
Ion Ratio Lower Upper  
278 100  
139 14.5 14.9 22.3#  
279 23.4 19.3 28.9



#92  
Benzo(g,h,i)perylene  
Concen: 43.283 ng  
RT: 17.457 min Scan# 2612  
Delta R.T. -0.012 min  
Lab File: BF141882.D  
Acq: 07 Mar 2025 08:56

Tgt Ion:276 Resp: 902824  
Ion Ratio Lower Upper  
276 100  
277 24.1 19.4 29.0  
138 19.0 19.3 28.9#

