

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF011025\  
 Data File : BF141118.D  
 Acq On : 10 Jan 2025 17:19  
 Operator : RC/JU  
 Sample : SSTDICC060  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

Quant Time: Jan 10 22:23:43 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF011025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 10 22:16:11 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.822  | 152  | 157706   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.104  | 136  | 600362   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.863  | 164  | 321522   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.345 | 188  | 544574   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 13.986 | 240  | 270448   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.457 | 264  | 319464   | 20.000  | ng    | 0.02     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.428  | 112  | 1161166  | 113.741 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.451  | 99   | 1464294  | 113.234 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.387  | 82   | 1340654  | 118.372 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.651 | 330  | 435599   | 118.901 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.181  | 172  | 2268382  | 107.735 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.933 | 244  | 2193567  | 120.552 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.534  | 88   | 266794   | 58.686  | ng    | 100      |
| 3) Pyridine                   | 3.275  | 79   | 636756   | 57.117  | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.234  | 42   | 325634   | 59.738  | ng    | 99       |
| 6) Aniline                    | 6.487  | 93   | 643255   | 56.026  | ng    | 99       |
| 8) 2-Chlorophenol             | 6.604  | 128  | 624776   | 57.043  | ng    | 99       |
| 9) Benzaldehyde               | 6.369  | 77   | 364797   | 50.499  | ng    | 99       |
| 10) Phenol                    | 6.463  | 94   | 788986   | 56.996  | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 6.563  | 93   | 598240   | 57.990  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.763  | 146  | 693741   | 56.791  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.840  | 146  | 700356   | 56.894  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 6.993  | 146  | 644752   | 56.150  | ng    | 99       |
| 15) Benzyl Alcohol            | 6.963  | 79   | 541420   | 57.975  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.098  | 45   | 818728   | 56.872  | ng    | 99       |
| 17) 2-Methylphenol            | 7.069  | 107  | 509763   | 57.648  | ng    | 99       |
| 18) Hexachloroethane          | 7.334  | 117  | 260241   | 58.460  | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 7.240  | 70   | 426961   | 56.050  | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.228  | 107  | 624218   | 55.954  | ng    | # 87     |
| 22) Acetophenone              | 7.234  | 105  | 809173   | 56.696  | ng    | # 97     |
| 24) Nitrobenzene              | 7.404  | 77   | 699248   | 59.239  | ng    | 99       |
| 25) Isophorone                | 7.645  | 82   | 1131315  | 58.450  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.722  | 139  | 336551   | 62.679  | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 7.751  | 122  | 429261   | 59.269  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.857  | 93   | 708043   | 58.290  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.957  | 162  | 510890   | 59.394  | ng    | 100      |
| 30) 1,2,4-Trichlorobenzene    | 8.045  | 180  | 568765   | 57.848  | ng    | 100      |
| 31) Naphthalene               | 8.128  | 128  | 1795916  | 56.724  | ng    | 100      |
| 32) Benzoic acid              | 7.875  | 122  | 465348   | 66.980  | ng    | 97       |
| 33) 4-Chloroaniline           | 8.175  | 127  | 639712   | 58.424  | ng    | 100      |
| 34) Hexachlorobutadiene       | 8.245  | 225  | 344699   | 58.183  | ng    | 100      |
| 35) Caprolactam               | 8.551  | 113  | 168796   | 59.824  | ng    | 96       |
| 36) 4-Chloro-3-methylphenol   | 8.651  | 107  | 552248   | 58.704  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.816  | 142  | 1147172  | 56.860  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.916  | 142  | 1129604  | 56.812  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 8.981  | 216  | 534399   | 57.909  | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 8.969  | 237  | 184204   | 61.011  | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 9.092  | 196  | 364034   | 58.489  | ng    | 99       |

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 ALS Vial : 11 Sample Multiplier: 1

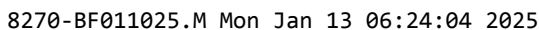
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

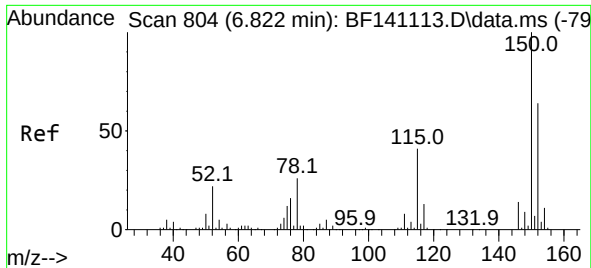
Quant Time: Jan 10 22:23:43 2025  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 10 22:16:11 2025  
 Response via : Initial Calibration

| Compound                       | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol      | 9.134  | 196  | 392463   | 59.706 | ng    | 98       |
| 46) 1,1'-Biphenyl              | 9.281  | 154  | 1400460  | 56.087 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 9.310  | 162  | 1104069  | 56.770 | ng    | 99       |
| 48) 2-Nitroaniline             | 9.398  | 65   | 351824   | 61.027 | ng    | 96       |
| 49) Acenaphthylene             | 9.722  | 152  | 1595599  | 57.426 | ng    | 100      |
| 50) Dimethylphthalate          | 9.587  | 163  | 1246443  | 57.746 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 9.645  | 165  | 300526   | 59.872 | ng    | 98       |
| 52) Acenaphthene               | 9.898  | 154  | 1118880  | 57.638 | ng    | 99       |
| 53) 3-Nitroaniline             | 9.810  | 138  | 301277   | 59.064 | ng    | 99       |
| 54) 2,4-Dinitrophenol          | 9.916  | 184  | 160627   | 67.324 | ng    | 90       |
| 55) Dibenzofuran               | 10.069 | 168  | 1491333  | 56.480 | ng    | 100      |
| 56) 4-Nitrophenol              | 9.963  | 139  | 248603   | 62.231 | ng    | 99       |
| 57) 2,4-Dinitrotoluene         | 10.045 | 165  | 396697   | 61.325 | ng    | 98       |
| 58) Fluorene                   | 10.410 | 166  | 1140533  | 55.599 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.181 | 232  | 324822   | 59.450 | ng    | 99       |
| 60) Diethylphthalate           | 10.286 | 149  | 1212103  | 57.521 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.404 | 204  | 563117   | 56.322 | ng    | 99       |
| 62) 4-Nitroaniline             | 10.428 | 138  | 303457   | 60.783 | ng    | 99       |
| 63) Azobenzene                 | 10.563 | 77   | 1189100  | 57.188 | ng    | 100      |
| 65) 4,6-Dinitro-2-methylph...  | 10.457 | 198  | 216263   | 68.532 | ng    | 97       |
| 66) n-Nitrosodiphenylamine     | 10.522 | 169  | 1016238  | 57.856 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.892 | 248  | 373557   | 59.581 | ng    | 100      |
| 68) Hexachlorobenzene          | 10.957 | 284  | 412239   | 59.066 | ng    | 99       |
| 69) Atrazine                   | 11.045 | 200  | 275405   | 58.231 | ng    | 99       |
| 70) Pentachlorophenol          | 11.145 | 266  | 280071   | 62.662 | ng    | 100      |
| 71) Phenanthrene               | 11.375 | 178  | 1652586  | 56.525 | ng    | 100      |
| 72) Anthracene                 | 11.422 | 178  | 1628828  | 57.297 | ng    | 100      |
| 73) Carbazole                  | 11.575 | 167  | 1471188  | 56.440 | ng    | 100      |
| 74) Di-n-butylphthalate        | 11.910 | 149  | 1703503  | 57.105 | ng    | 100      |
| 75) Fluoranthene               | 12.557 | 202  | 1612262  | 55.261 | ng    | 100      |
| 77) Benzidine                  | 12.680 | 184  | 339258   | 67.645 | ng    | 100      |
| 78) Pyrene                     | 12.786 | 202  | 1586225  | 61.407 | ng    | 99       |
| 80) Butylbenzylphthalate       | 13.410 | 149  | 542533   | 62.995 | ng    | 100      |
| 81) Benzo(a)anthracene         | 13.974 | 228  | 1109142  | 60.261 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.939 | 252  | 357792   | 61.050 | ng    | 99       |
| 83) Chrysene                   | 14.016 | 228  | 1004586  | 58.332 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha...  | 13.974 | 149  | 635471   | 61.496 | ng    | 100      |
| 85) Di-n-octyl phthalate       | 14.598 | 149  | 1008931  | 64.657 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene     | 16.915 | 276  | 1475298  | 63.034 | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 15.033 | 252  | 1141152  | 55.395 | ng    | 100      |
| 89) Benzo(k)fluoranthene       | 15.063 | 252  | 1057429  | 60.741 | ng    | 99       |
| 90) Benzo(a)pyrene             | 15.392 | 252  | 1022132  | 60.139 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene     | 16.939 | 278  | 1195359  | 63.146 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.363 | 276  | 1241806  | 63.068 | ng    | 100      |

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

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QLast Update : Fri Jan 10 22:16:11 2025  
Response via : Initial Calibration

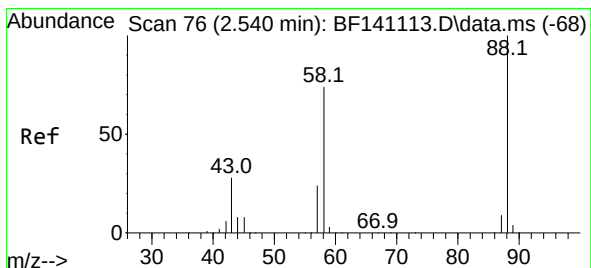
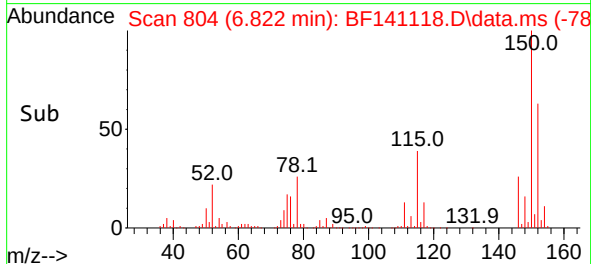
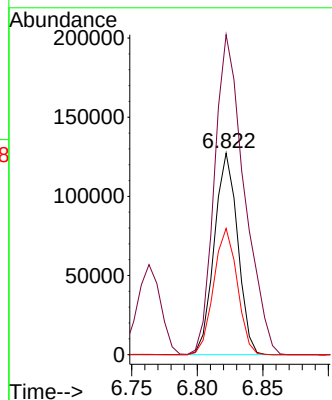
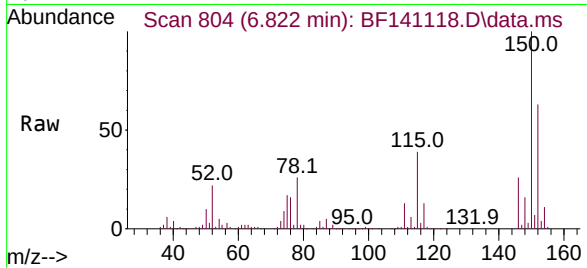




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.822 min Scan# 80  
 Delta R.T. 0.000 min  
 Lab File: BF141118.D  
 Acq: 10 Jan 2025 17:19

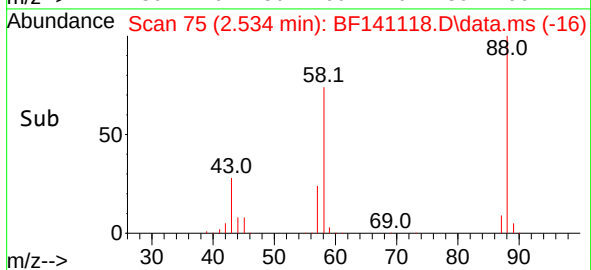
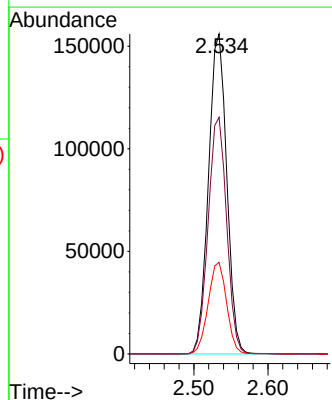
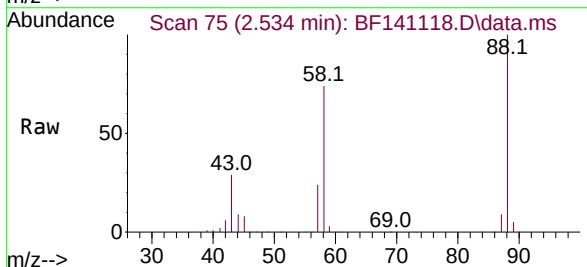
Instrument :  
 BNA\_F  
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 SSTDICC060

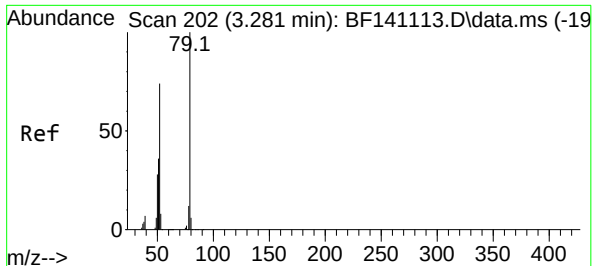
Tgt Ion:152 Resp: 157706  
 Ion Ratio Lower Upper  
 152 100  
 150 158.8 125.8 188.8  
 115 62.7 51.4 77.2



#2  
 1,4-Dioxane  
 Concen: 58.686 ng  
 RT: 2.534 min Scan# 75  
 Delta R.T. -0.006 min  
 Lab File: BF141118.D  
 Acq: 10 Jan 2025 17:19

Tgt Ion: 88 Resp: 266794  
 Ion Ratio Lower Upper  
 88 100  
 58 75.0 60.1 90.1  
 43 28.7 23.1 34.7

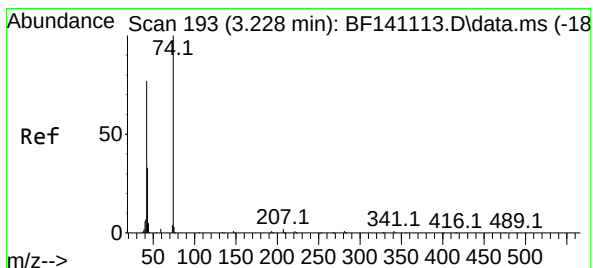
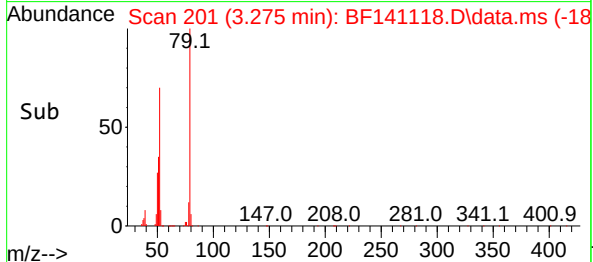
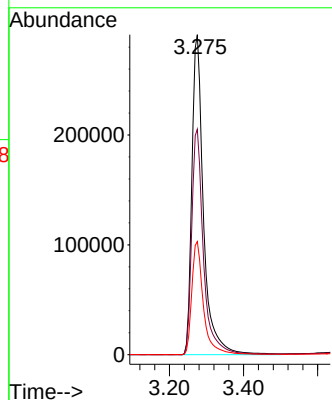
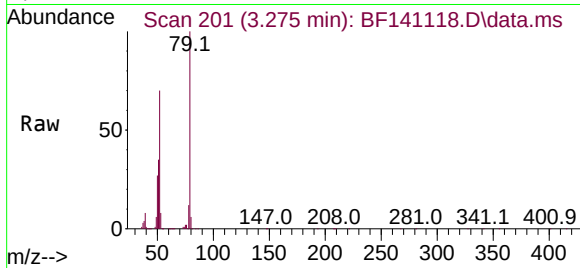




#3  
Pyridine  
Concen: 57.117 ng  
RT: 3.275 min Scan# 20  
Delta R.T. -0.006 min  
Lab File: BF141118.D  
Acq: 10 Jan 2025 17:19

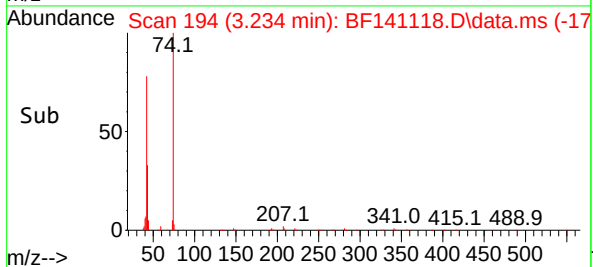
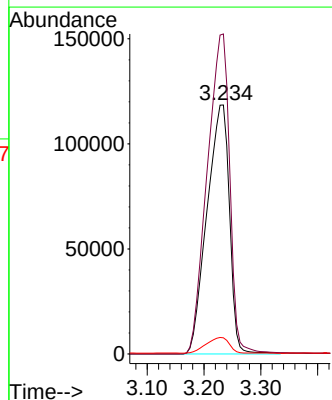
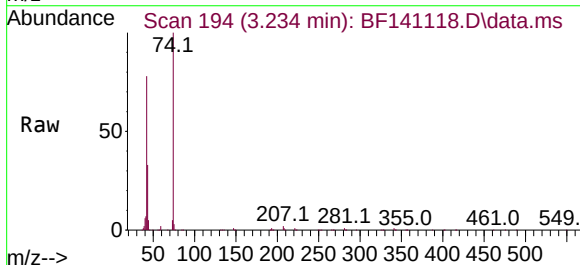
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SSTDICC060

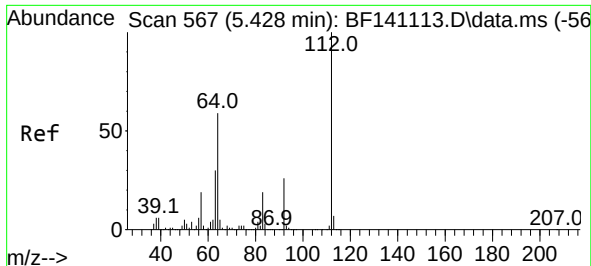
Tgt Ion: 79 Resp: 636756  
Ion Ratio Lower Upper  
79 100  
52 70.5 58.9 88.3  
51 35.4 29.1 43.7



#4  
n-Nitrosodimethylamine  
Concen: 59.738 ng  
RT: 3.234 min Scan# 194  
Delta R.T. 0.006 min  
Lab File: BF141118.D  
Acq: 10 Jan 2025 17:19

Tgt Ion: 42 Resp: 325634  
Ion Ratio Lower Upper  
42 100  
74 128.5 103.8 155.6  
44 6.5 5.3 7.9

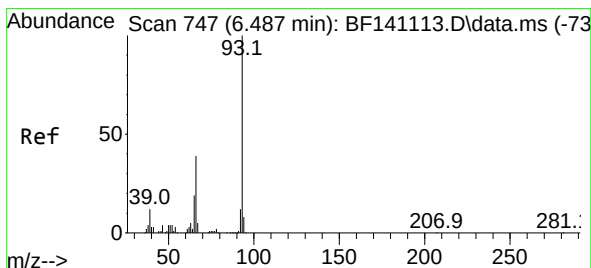
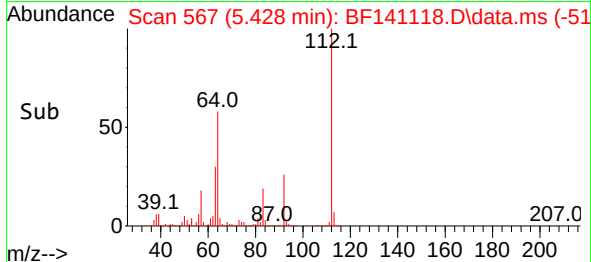
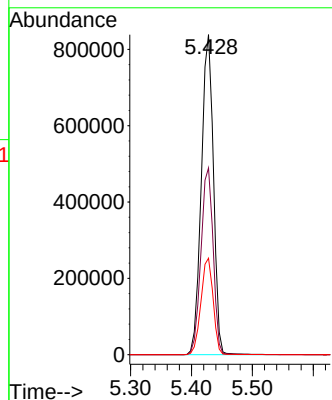
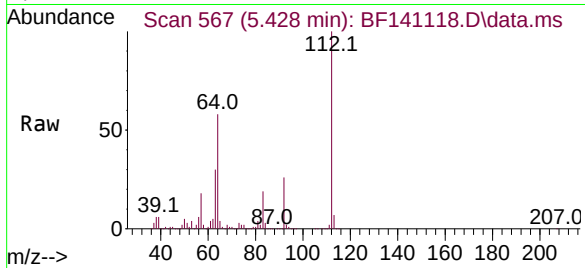




#5  
2-Fluorophenol  
Concen: 113.741 ng  
RT: 5.428 min Scan# 567  
Delta R.T. 0.000 min  
Lab File: BF141118.D  
Acq: 10 Jan 2025 17:19

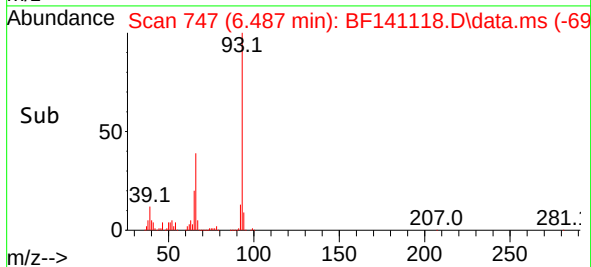
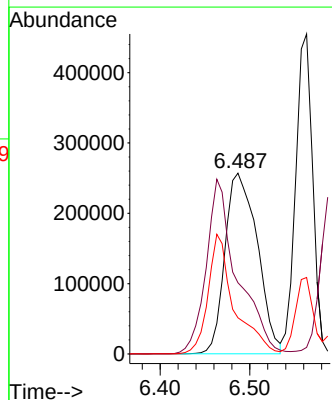
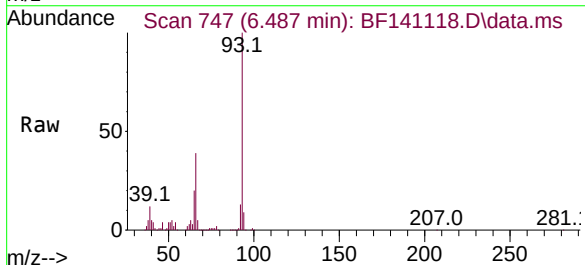
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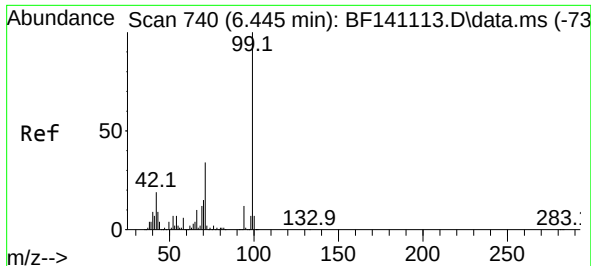
Tgt Ion:112 Resp: 1161166  
Ion Ratio Lower Upper  
112 100  
64 58.3 47.3 70.9  
63 30.2 24.2 36.2



#6  
Aniline  
Concen: 56.026 ng  
RT: 6.487 min Scan# 747  
Delta R.T. 0.000 min  
Lab File: BF141118.D  
Acq: 10 Jan 2025 17:19

Tgt Ion: 93 Resp: 643255  
Ion Ratio Lower Upper  
93 100  
66 39.4 31.5 47.3  
65 20.0 15.3 22.9





#7

Phenol-d6

Concen: 113.234 ng

RT: 6.451 min Scan# 741

Delta R.T. 0.006 min

Lab File: BF141118.D

Acq: 10 Jan 2025 17:19

Instrument :

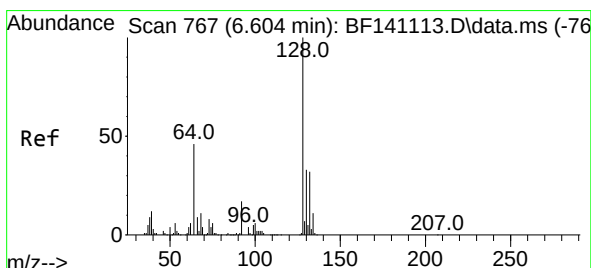
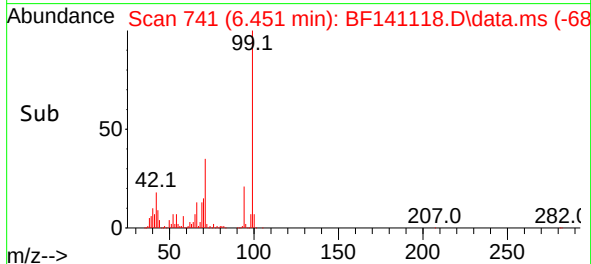
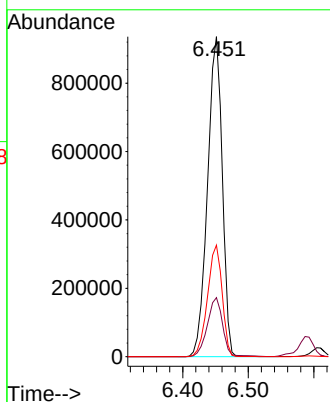
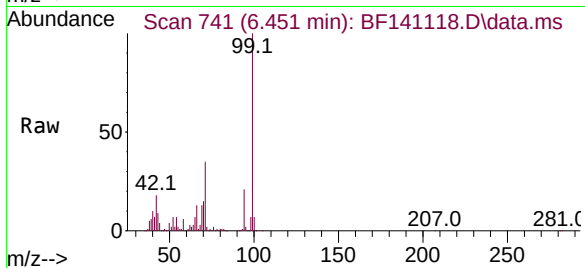
BNA\_F

ClientSampleId :

SSTDICC060

Tgt Ion: 99 Resp: 1464294

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 18.5  | 15.0  | 22.4  |
| 71  | 34.8  | 27.6  | 41.4  |



#8

2-Chlorophenol

Concen: 57.043 ng

RT: 6.604 min Scan# 767

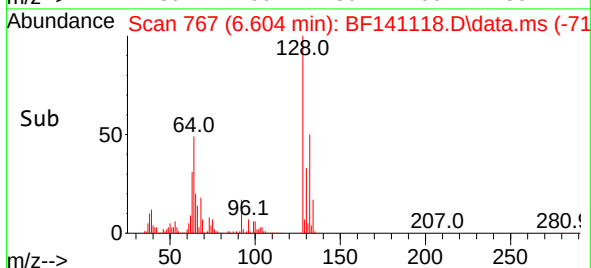
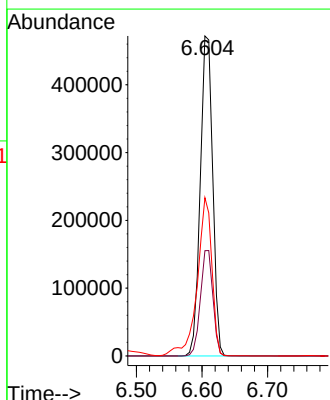
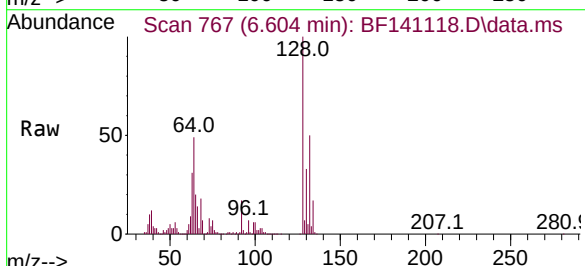
Delta R.T. 0.000 min

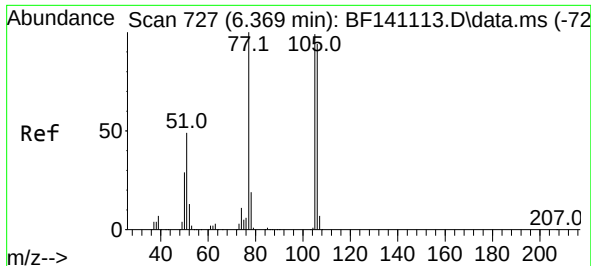
Lab File: BF141118.D

Acq: 10 Jan 2025 17:19

Tgt Ion:128 Resp: 624776

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.9  | 12.5  | 52.5  |
| 64  | 49.5  | 28.3  | 68.3  |

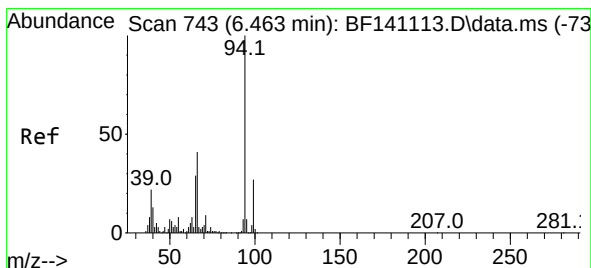
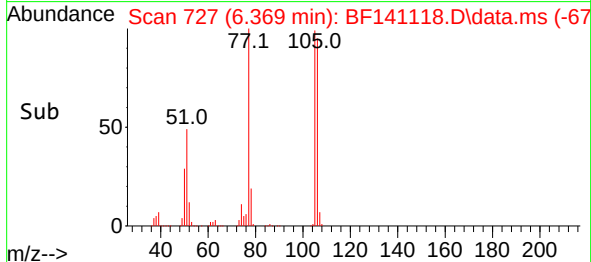
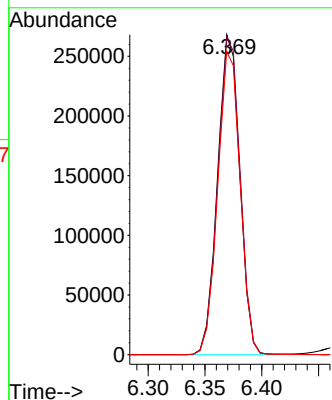
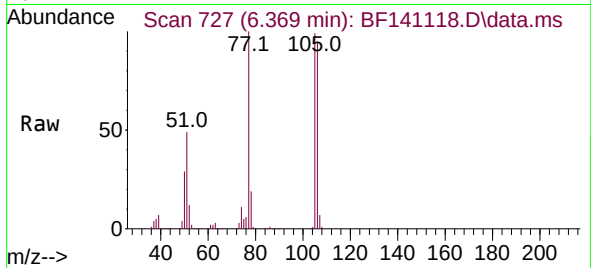




#9  
Benzaldehyde  
Concen: 50.499 ng  
RT: 6.369 min Scan# 727  
Delta R.T. 0.000 min  
Lab File: BF141118.D  
Acq: 10 Jan 2025 17:19

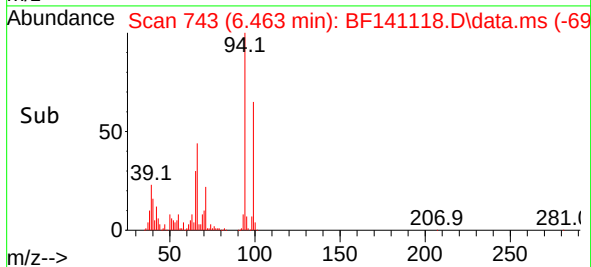
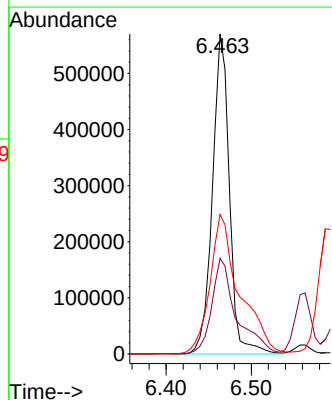
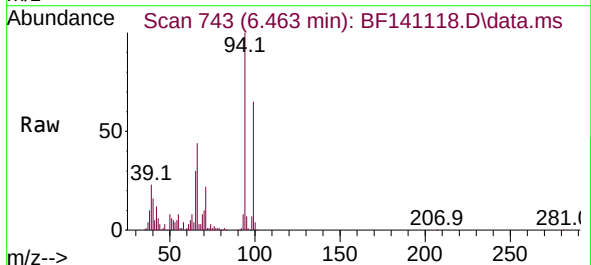
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

Tgt Ion: 77 Resp: 364797  
Ion Ratio Lower Upper  
77 100  
105 99.2 78.9 118.9  
106 94.8 73.6 113.6

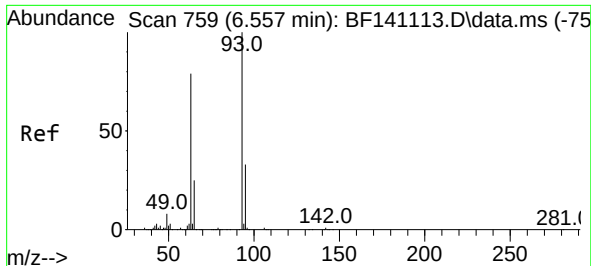


#10  
Phenol  
Concen: 56.996 ng  
RT: 6.463 min Scan# 743  
Delta R.T. 0.000 min  
Lab File: BF141118.D  
Acq: 10 Jan 2025 17:19

Tgt Ion: 94 Resp: 788986  
Ion Ratio Lower Upper  
94 100  
65 29.9 8.9 48.9  
66 43.6 21.2 61.2







#11

bis(2-Chloroethyl)ether

Concen: 57.990 ng

RT: 6.563 min Scan# 70

Delta R.T. 0.006 min

Lab File: BF141118.D

Acq: 10 Jan 2025 17:19

Instrument :

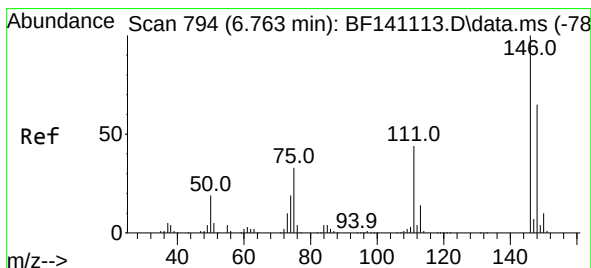
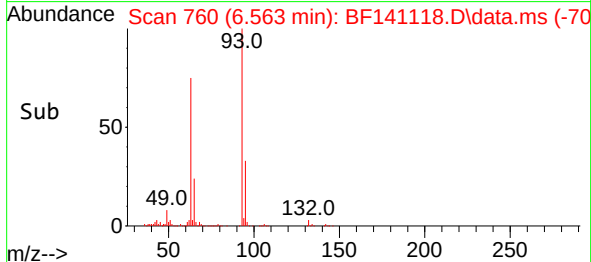
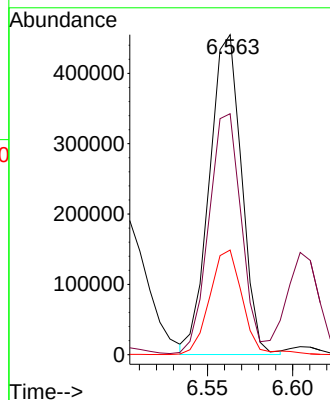
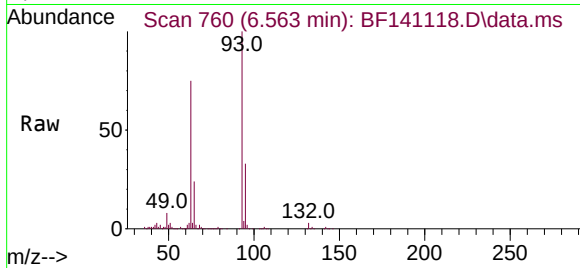
BNA\_F

ClientSampleId :

SSTDICC060

Tgt Ion: 93 Resp: 598240

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 75.3  | 58.0  | 98.0  |
| 95  | 32.7  | 12.5  | 52.5  |



#12

1,3-Dichlorobenzene

Concen: 56.791 ng

RT: 6.763 min Scan# 794

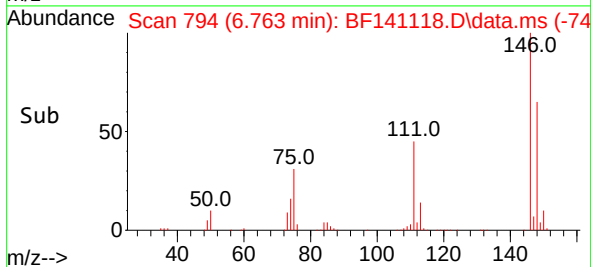
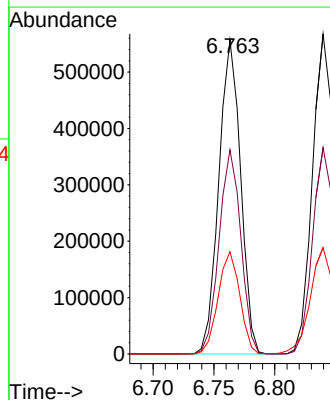
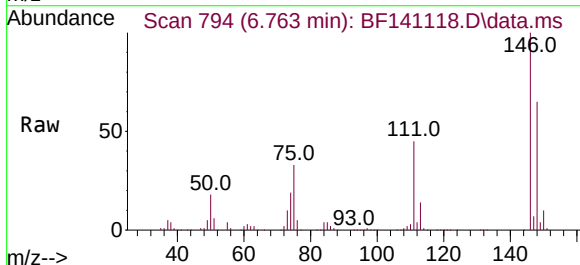
Delta R.T. 0.000 min

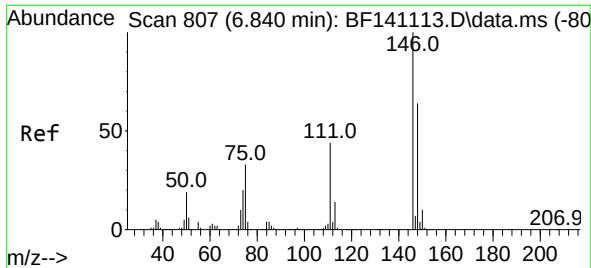
Lab File: BF141118.D

Acq: 10 Jan 2025 17:19

Tgt Ion:146 Resp: 693741

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 148 | 65.0  | 51.6  | 77.4  |
| 75  | 32.6  | 26.2  | 39.2  |

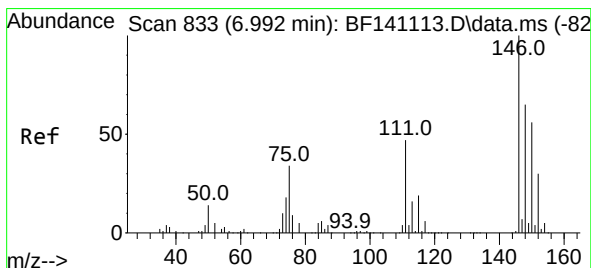
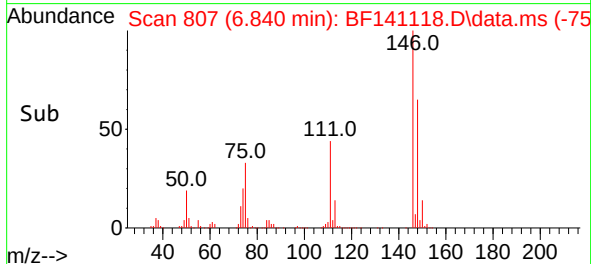
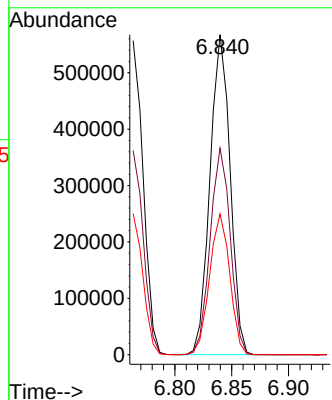
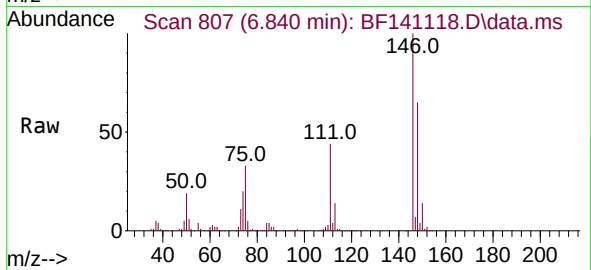




#13  
1,4-Dichlorobenzene  
Concen: 56.894 ng  
RT: 6.840 min Scan# 807  
Delta R.T. 0.000 min  
Lab File: BF141118.D  
Acq: 10 Jan 2025 17:19

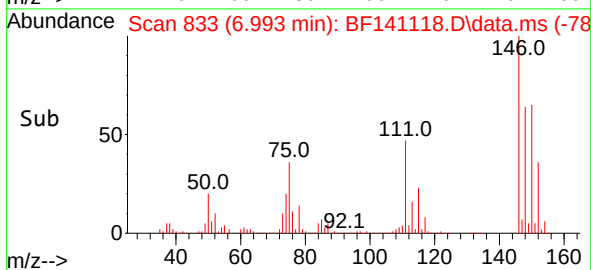
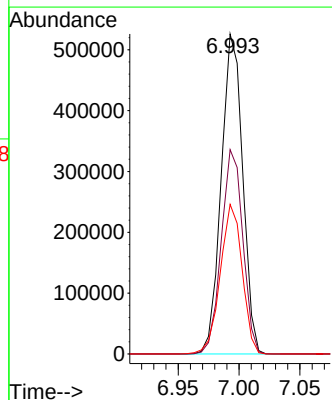
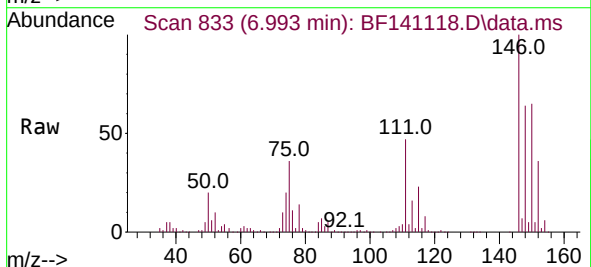
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

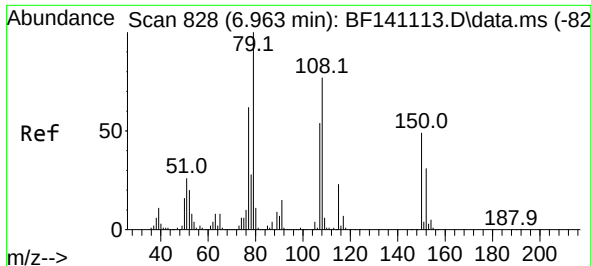
Tgt Ion:146 Resp: 700356  
Ion Ratio Lower Upper  
146 100  
148 64.5 51.0 76.6  
111 43.9 34.9 52.3



#14  
1,2-Dichlorobenzene  
Concen: 56.150 ng  
RT: 6.993 min Scan# 833  
Delta R.T. 0.000 min  
Lab File: BF141118.D  
Acq: 10 Jan 2025 17:19

Tgt Ion:146 Resp: 644752  
Ion Ratio Lower Upper  
146 100  
148 63.9 52.2 78.4  
111 46.8 37.5 56.3

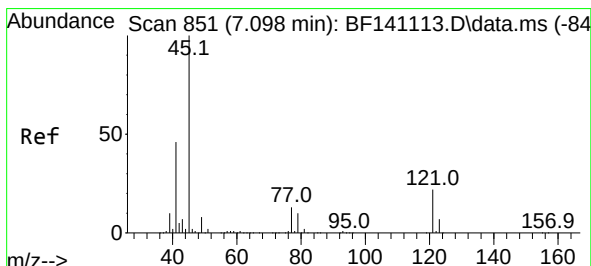
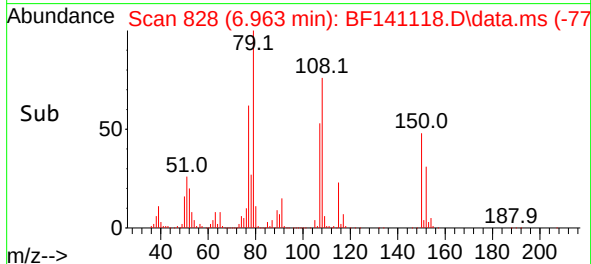
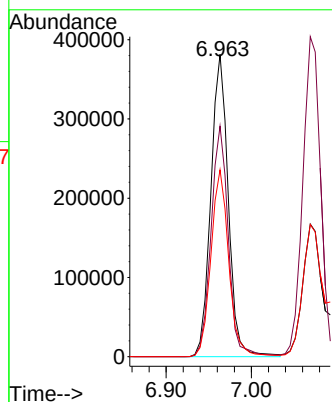
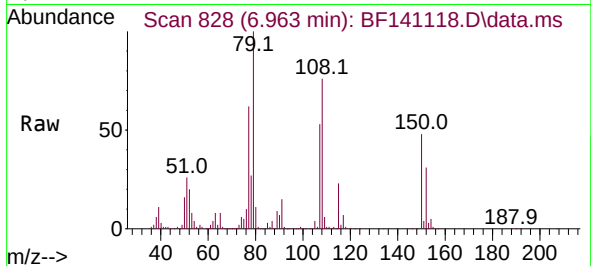




#15  
Benzyl Alcohol  
Concen: 57.975 ng  
RT: 6.963 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF141118.D  
Acq: 10 Jan 2025 17:19

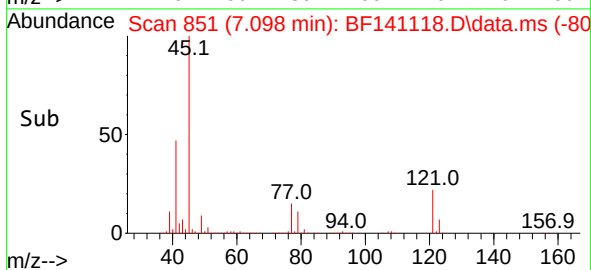
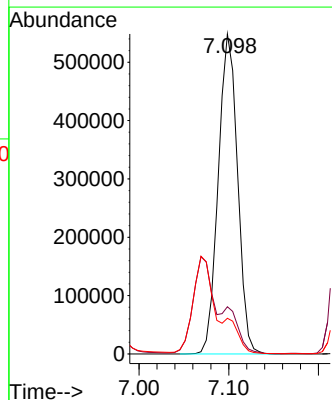
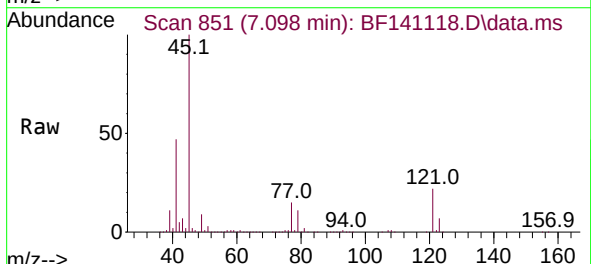
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

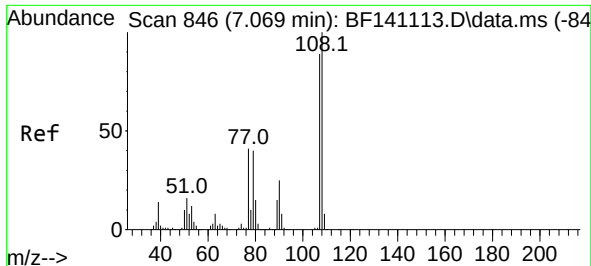
Tgt Ion: 79 Resp: 541420  
Ion Ratio Lower Upper  
79 100  
108 76.3 61.4 92.0  
77 61.8 49.8 74.6



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 56.872 ng  
RT: 7.098 min Scan# 851  
Delta R.T. 0.000 min  
Lab File: BF141118.D  
Acq: 10 Jan 2025 17:19

Tgt Ion: 45 Resp: 818728  
Ion Ratio Lower Upper  
45 100  
77 14.7 0.0 34.1  
79 11.2 0.0 31.0

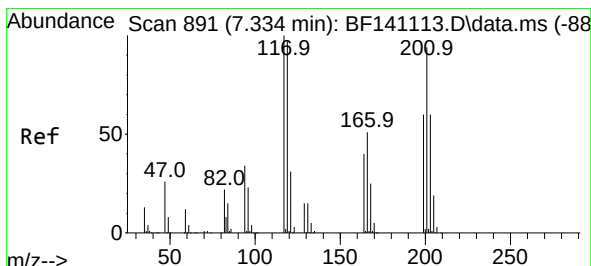
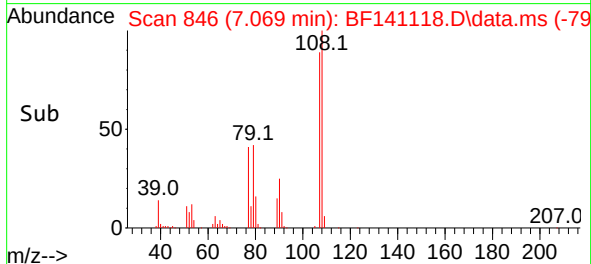
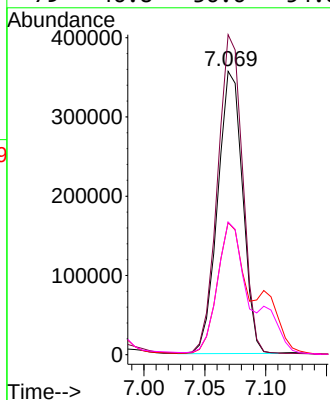
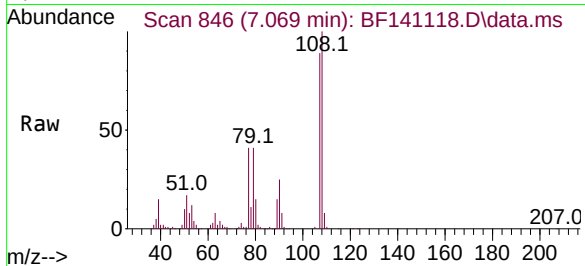




#17  
2-Methylphenol  
Concen: 57.648 ng  
RT: 7.069 min Scan# 846  
Delta R.T. 0.000 min  
Lab File: BF141118.D  
Acq: 10 Jan 2025 17:19

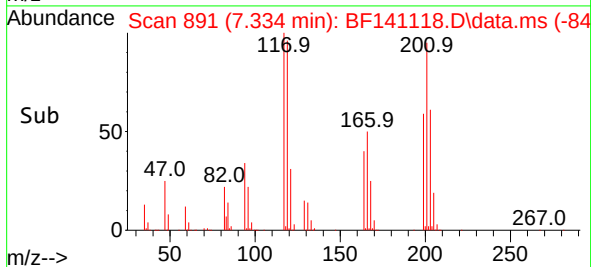
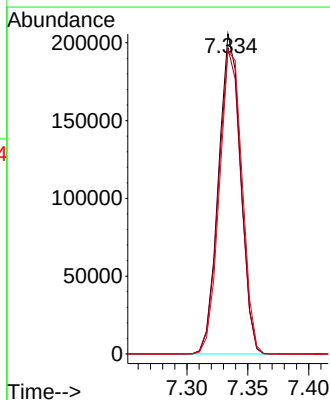
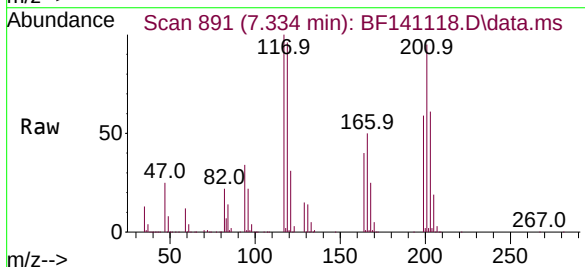
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

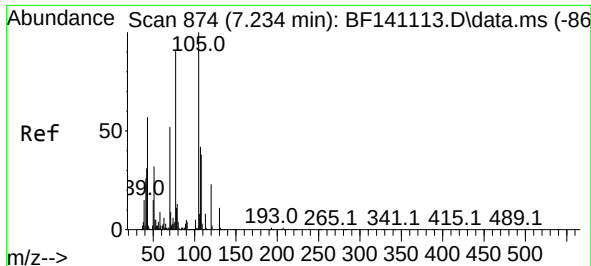
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 509763 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 112.9 | 90.1  | 135.1  |
| 77       | 46.6  | 36.6  | 55.0   |
| 79       | 46.8  | 36.6  | 54.8   |



#18  
Hexachloroethane  
Concen: 58.460 ng  
RT: 7.334 min Scan# 891  
Delta R.T. 0.000 min  
Lab File: BF141118.D  
Acq: 10 Jan 2025 17:19

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 260241 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 95.6  | 77.6  | 116.4  |
| 201      | 94.7  | 75.1  | 112.7  |

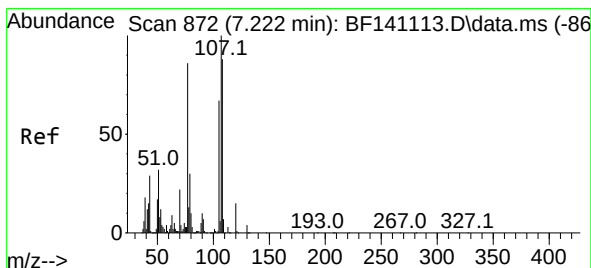
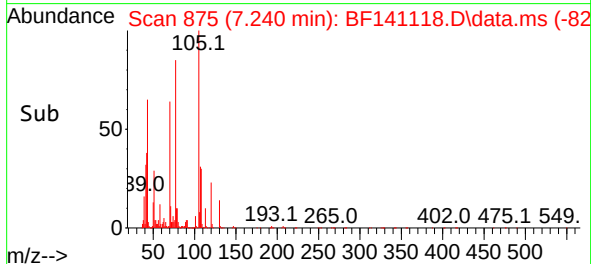
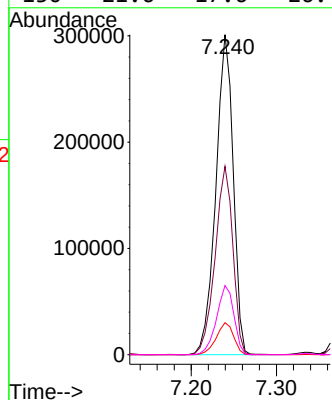
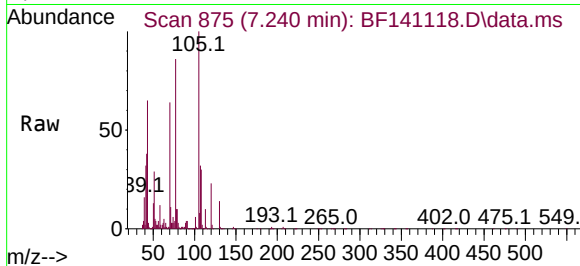




#19  
n-Nitroso-di-n-propylamine  
Concen: 56.050 ng  
RT: 7.240 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: BF141118.D  
Acq: 10 Jan 2025 17:19

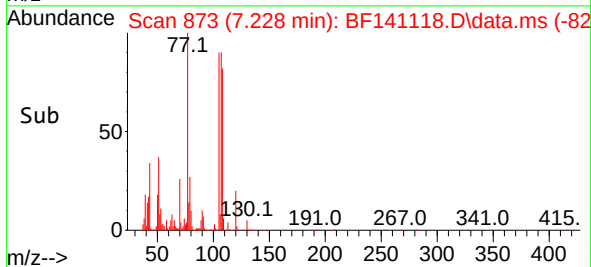
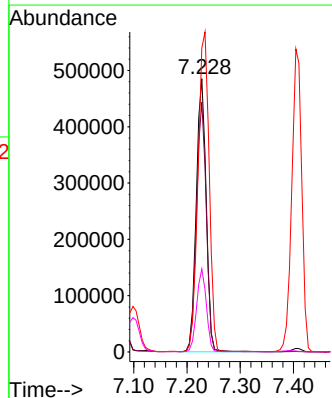
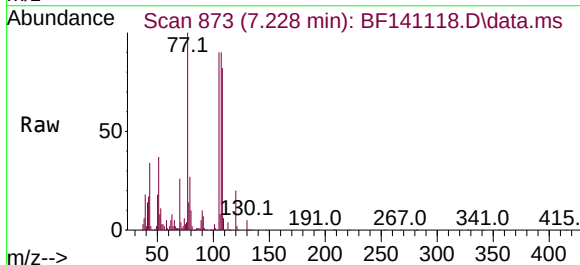
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

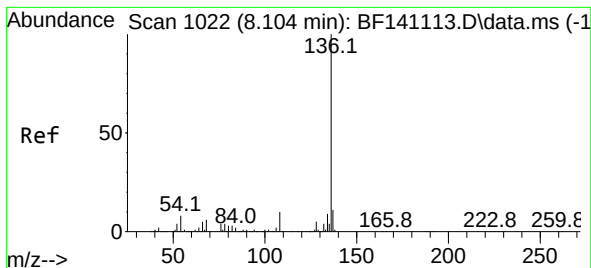
Tgt Ion: 70 Resp: 426961  
Ion Ratio Lower Upper  
70 100  
42 58.9 47.8 71.6  
101 10.0 7.9 11.9  
130 21.6 17.6 26.4



#20  
3+4-Methylphenols  
Concen: 55.954 ng  
RT: 7.228 min Scan# 873  
Delta R.T. 0.006 min  
Lab File: BF141118.D  
Acq: 10 Jan 2025 17:19

Tgt Ion: 107 Resp: 624218  
Ion Ratio Lower Upper  
107 100  
108 91.4 68.3 108.3  
77 111.1 66.4 106.4#  
79 30.3 9.6 49.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.104 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF141118.D

Acq: 10 Jan 2025 17:19

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

Tgt Ion:136 Resp: 600362

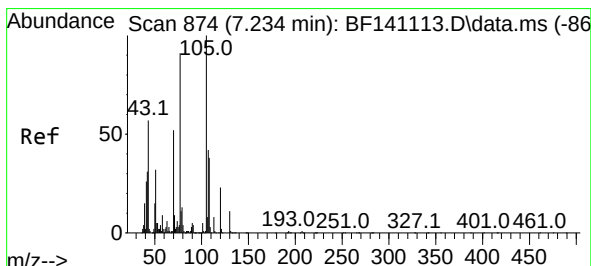
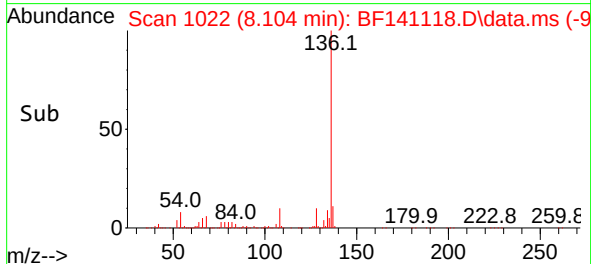
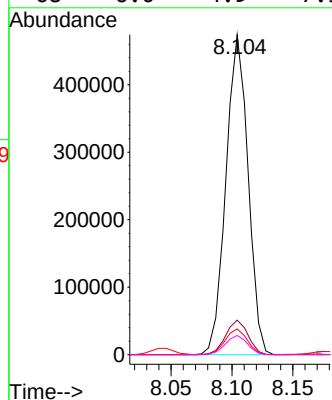
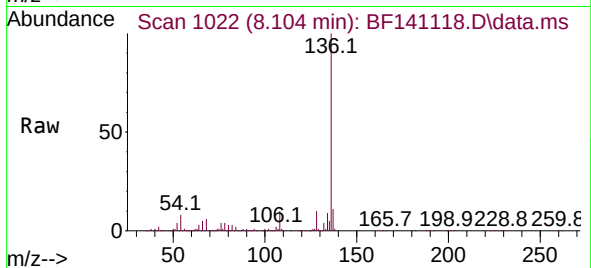
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 8.0 6.3 9.5

68 6.0 4.9 7.3



#22

Acetophenone

Concen: 56.696 ng

RT: 7.234 min Scan# 874

Delta R.T. 0.000 min

Lab File: BF141118.D

Acq: 10 Jan 2025 17:19

Tgt Ion:105 Resp: 809173

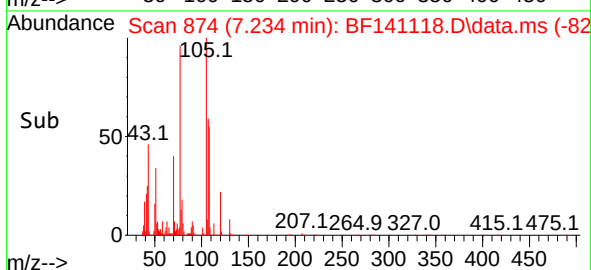
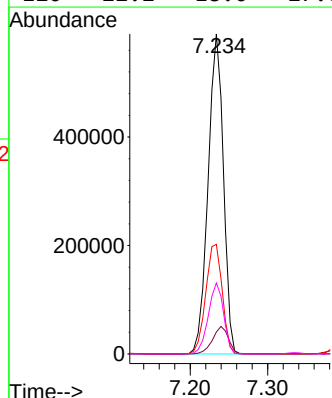
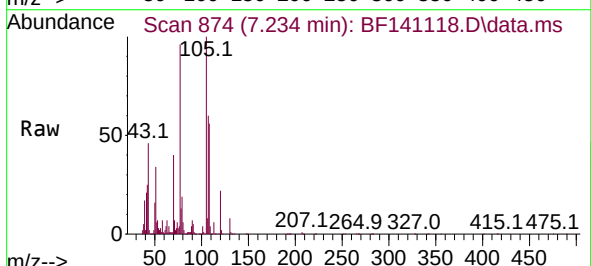
Ion Ratio Lower Upper

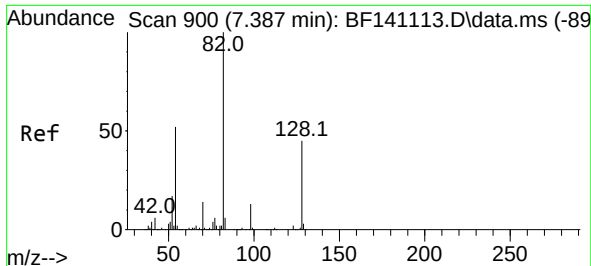
105 100

71 6.8 7.1 10.7#

51 34.2 25.4 38.2

120 22.2 18.0 27.0





#23

Nitrobenzene-d5

Concen: 118.372 ng

RT: 7.387 min Scan# 900

Delta R.T. 0.000 min

Lab File: BF141118.D

Acq: 10 Jan 2025 17:19

Instrument :

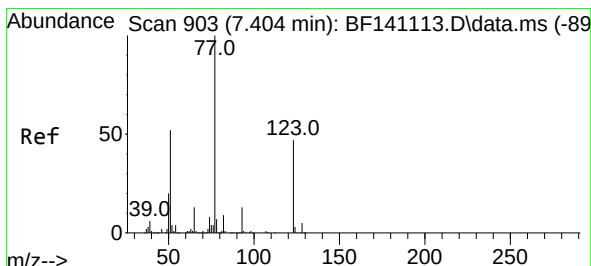
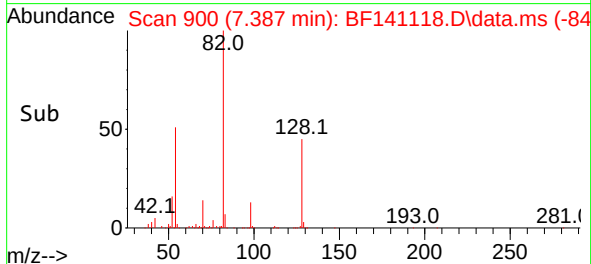
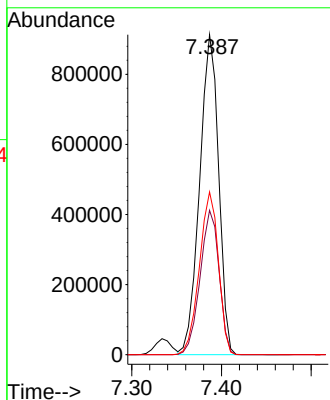
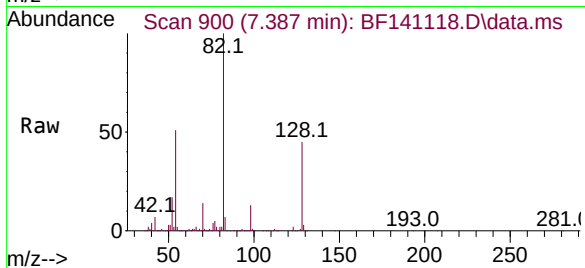
BNA\_F

ClientSampleId :

SSTDICC060

Tgt Ion: 82 Resp: 1340654

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 45.1  | 36.1  | 54.1  |
| 54  | 50.9  | 41.0  | 61.4  |



#24

Nitrobenzene

Concen: 59.239 ng

RT: 7.404 min Scan# 903

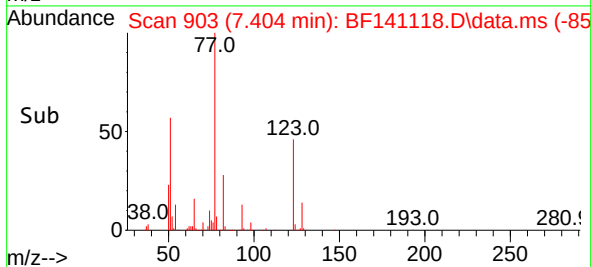
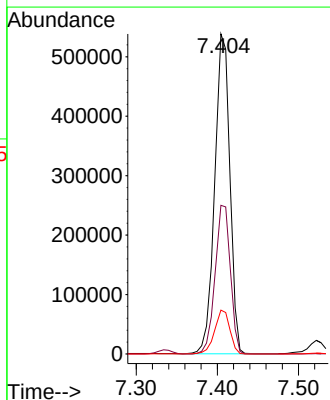
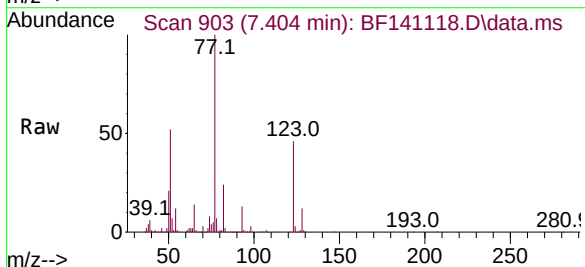
Delta R.T. 0.000 min

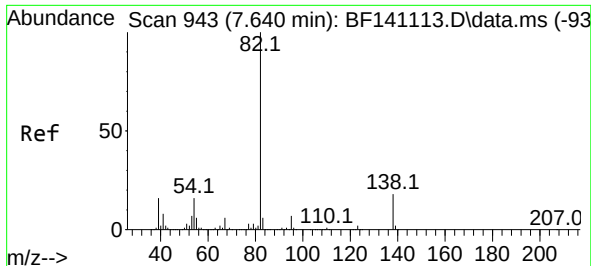
Lab File: BF141118.D

Acq: 10 Jan 2025 17:19

Tgt Ion: 77 Resp: 699248

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 46.5  | 37.7  | 56.5  |
| 65  | 13.7  | 10.6  | 16.0  |

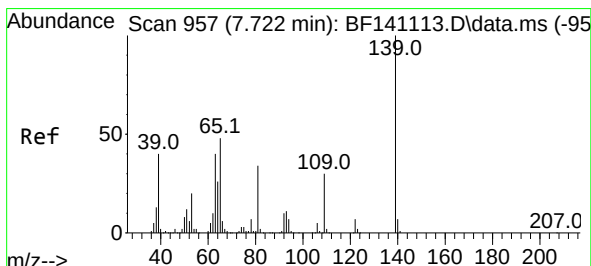
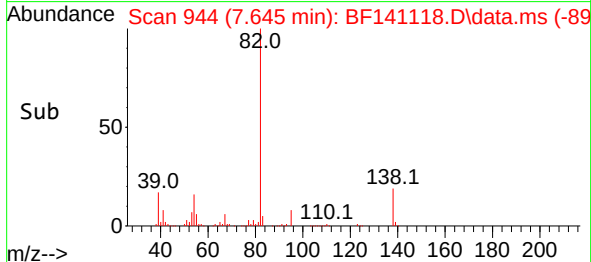
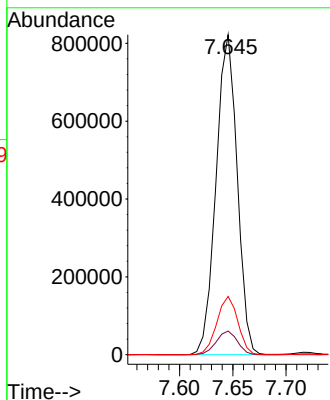
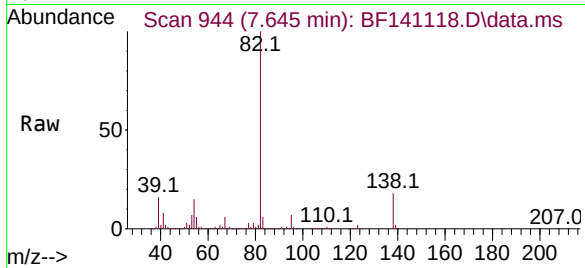




#25  
Isophorone  
Concen: 58.450 ng  
RT: 7.645 min Scan# 944  
Delta R.T. 0.006 min  
Lab File: BF141118.D  
Acq: 10 Jan 2025 17:19

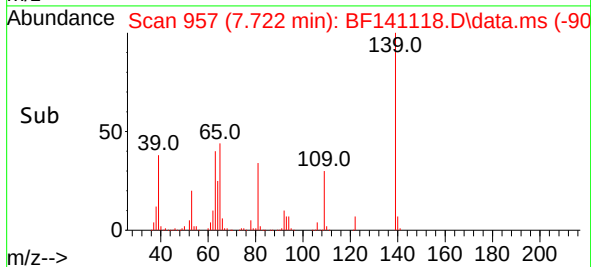
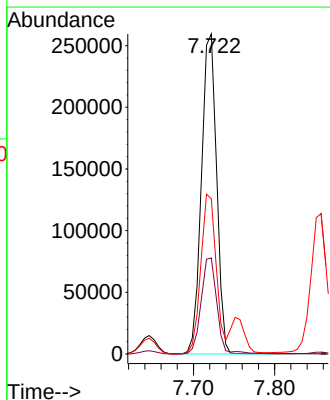
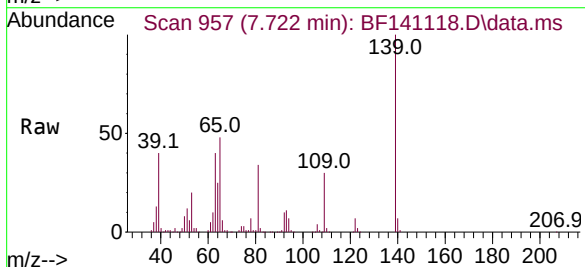
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

Tgt Ion: 82 Resp: 1131315  
Ion Ratio Lower Upper  
82 100  
95 7.4 5.9 8.9  
138 18.2 14.2 21.2

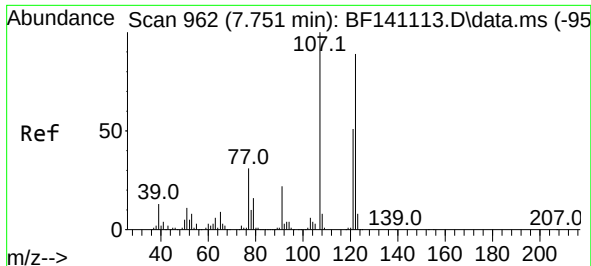


#26  
2-Nitrophenol  
Concen: 62.679 ng  
RT: 7.722 min Scan# 957  
Delta R.T. 0.000 min  
Lab File: BF141118.D  
Acq: 10 Jan 2025 17:19

Tgt Ion:139 Resp: 336551  
Ion Ratio Lower Upper  
139 100  
109 30.0 23.8 35.6  
65 48.5 38.5 57.7







#27

2,4-Dimethylphenol

Concen: 59.269 ng

RT: 7.751 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF141118.D

Acq: 10 Jan 2025 17:19

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

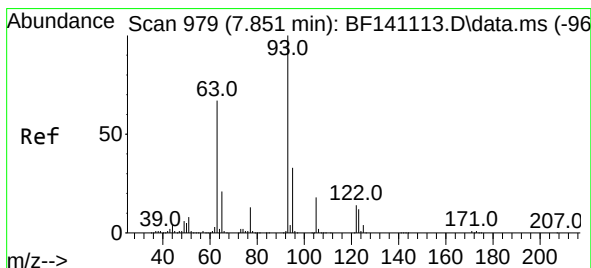
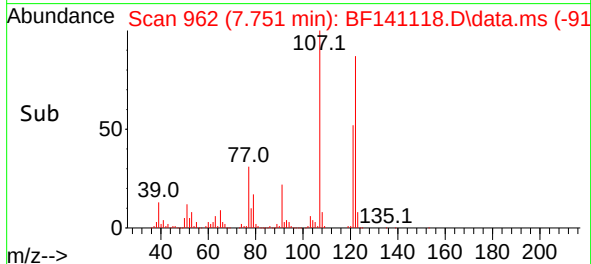
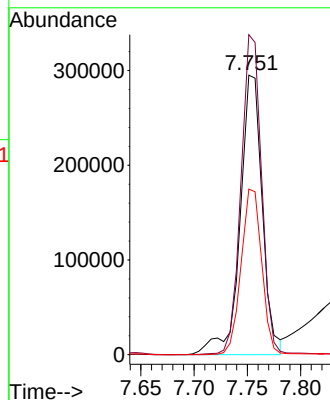
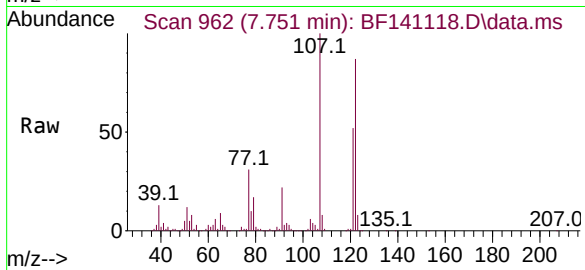
Tgt Ion:122 Resp: 429261

Ion Ratio Lower Upper

122 100

107 114.5 90.3 135.5

121 59.3 46.5 69.7



#28

bis(2-Chloroethoxy)methane

Concen: 58.290 ng

RT: 7.857 min Scan# 980

Delta R.T. 0.006 min

Lab File: BF141118.D

Acq: 10 Jan 2025 17:19

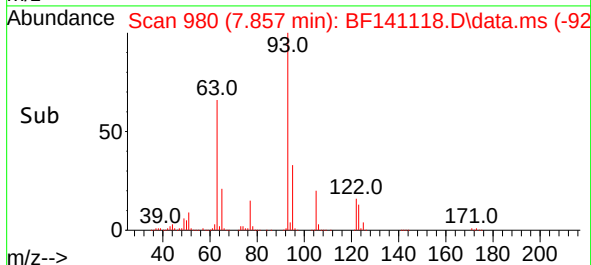
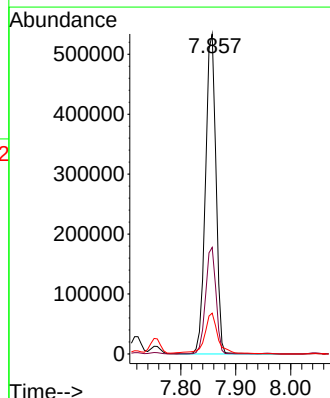
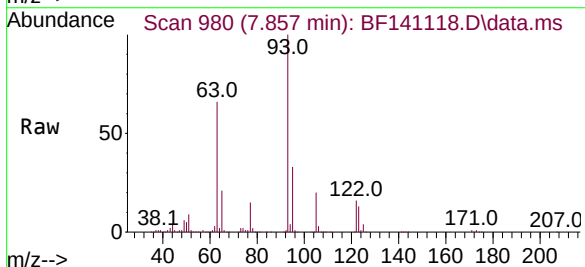
Tgt Ion: 93 Resp: 708043

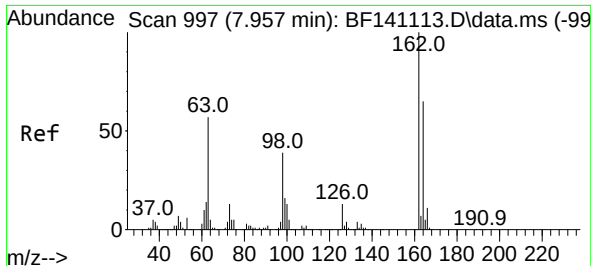
Ion Ratio Lower Upper

93 100

95 33.3 26.2 39.4

123 12.8 10.1 15.1





#29

2,4-Dichlorophenol

Concen: 59.394 ng

RT: 7.957 min Scan# 997

Delta R.T. 0.000 min

Lab File: BF141118.D

Acq: 10 Jan 2025 17:19

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

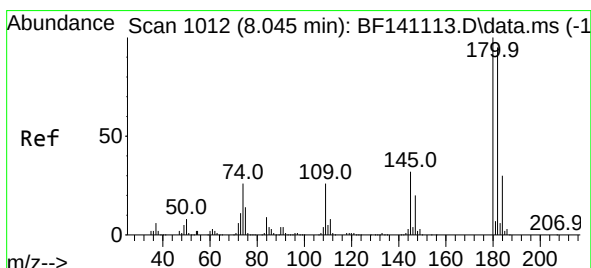
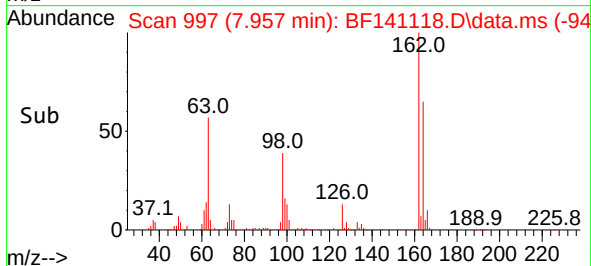
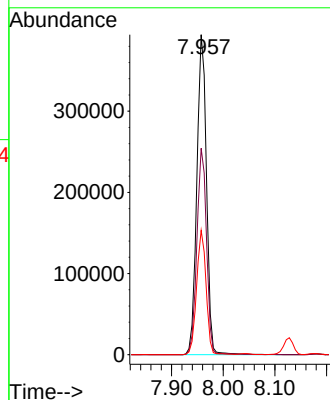
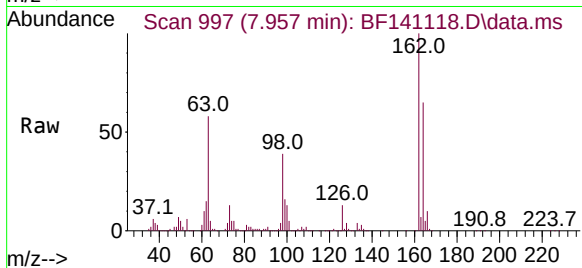
Tgt Ion:162 Resp: 510890

Ion Ratio Lower Upper

162 100

164 64.5 44.5 84.5

98 38.8 18.5 58.5



#30

1,2,4-Trichlorobenzene

Concen: 57.848 ng

RT: 8.045 min Scan# 1012

Delta R.T. 0.000 min

Lab File: BF141118.D

Acq: 10 Jan 2025 17:19

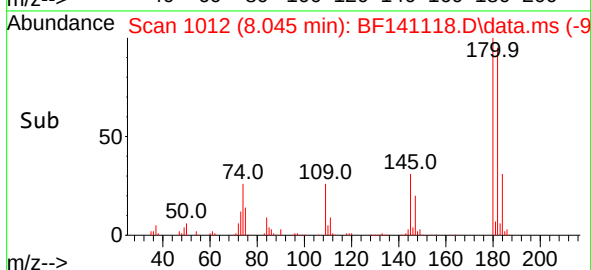
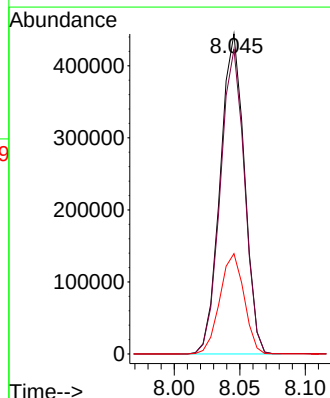
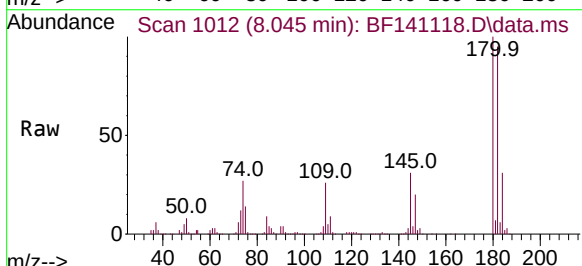
Tgt Ion:180 Resp: 568765

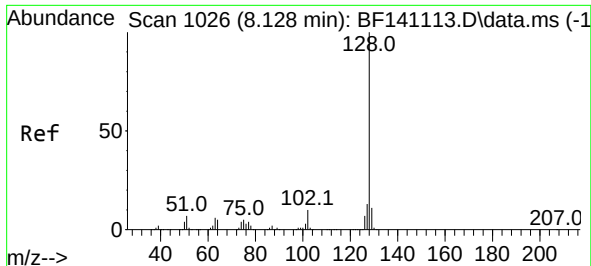
Ion Ratio Lower Upper

180 100

182 95.2 76.2 114.2

145 31.4 25.3 37.9

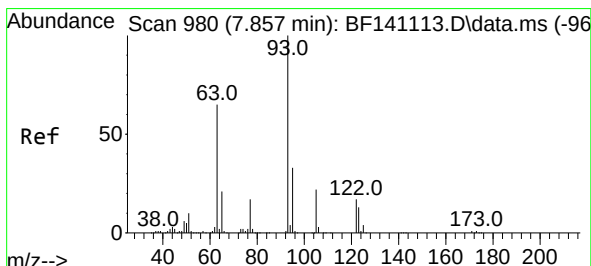
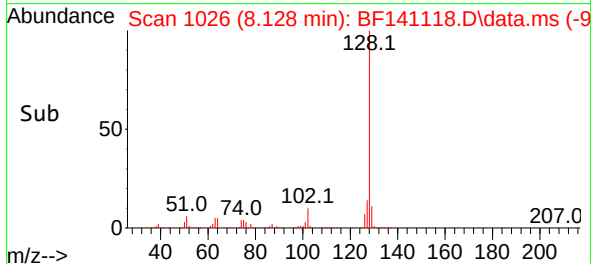
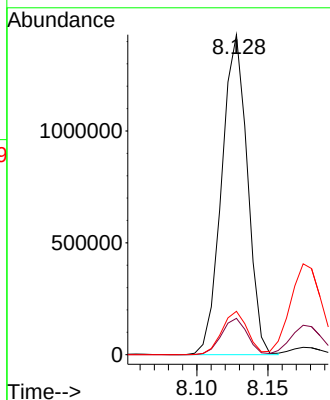
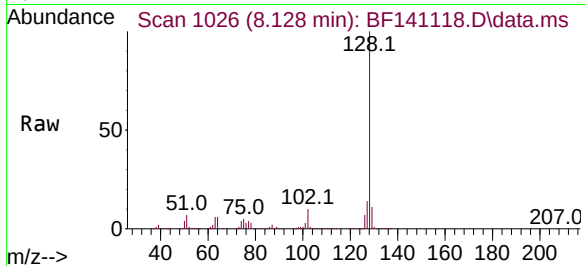




#31  
Naphthalene  
Concen: 56.724 ng  
RT: 8.128 min Scan# 1026  
Delta R.T. 0.000 min  
Lab File: BF141118.D  
Acq: 10 Jan 2025 17:19

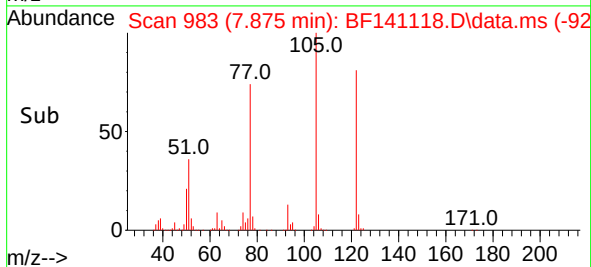
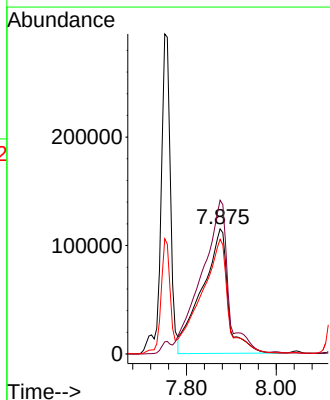
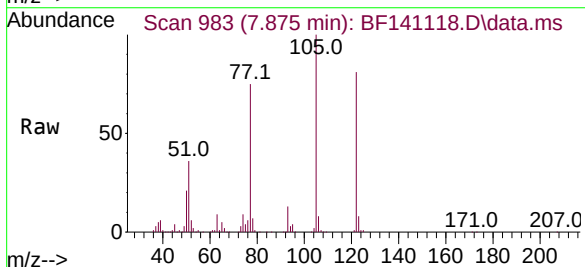
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

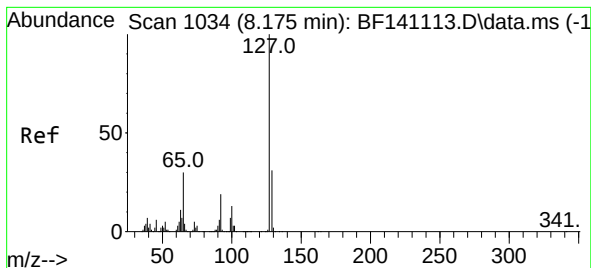
Tgt Ion:128 Resp: 1795916  
Ion Ratio Lower Upper  
128 100  
129 11.4 9.0 13.6  
127 13.6 10.8 16.2



#32  
Benzoic acid  
Concen: 66.980 ng  
RT: 7.875 min Scan# 983  
Delta R.T. 0.018 min  
Lab File: BF141118.D  
Acq: 10 Jan 2025 17:19

Tgt Ion:122 Resp: 465348  
Ion Ratio Lower Upper  
122 100  
105 122.9 105.5 145.5  
77 91.7 75.1 115.1





#33

4-Chloroaniline

Concen: 58.424 ng

RT: 8.175 min Scan# 1034

Delta R.T. 0.000 min

Lab File: BF141118.D

Acq: 10 Jan 2025 17:19

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

Tgt Ion:127 Resp: 639712

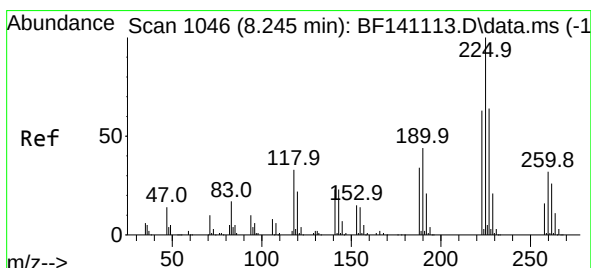
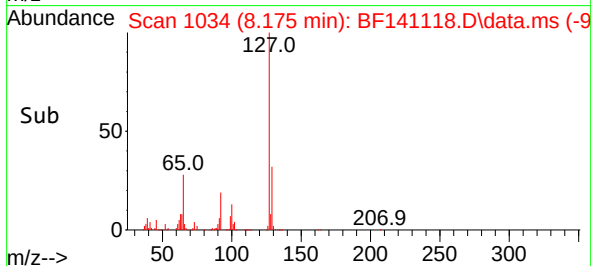
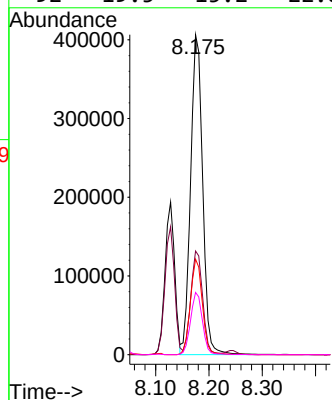
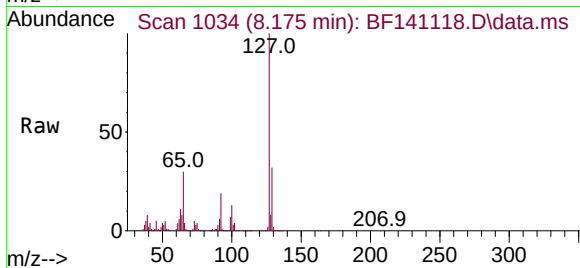
Ion Ratio Lower Upper

127 100

129 32.4 25.9 38.9

65 29.9 23.8 35.8

92 19.5 15.2 22.8



#34

Hexachlorobutadiene

Concen: 58.183 ng

RT: 8.245 min Scan# 1046

Delta R.T. 0.000 min

Lab File: BF141118.D

Acq: 10 Jan 2025 17:19

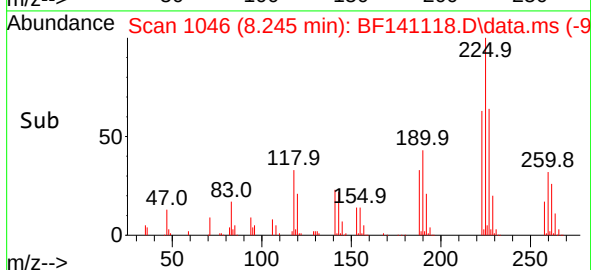
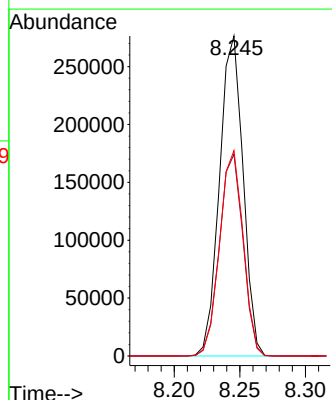
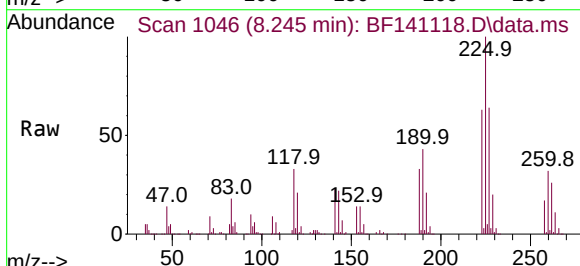
Tgt Ion:225 Resp: 344699

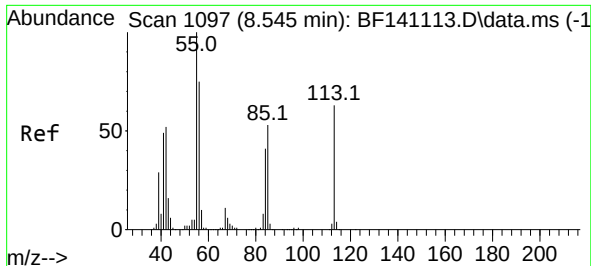
Ion Ratio Lower Upper

225 100

223 63.0 50.6 76.0

227 64.2 51.6 77.4

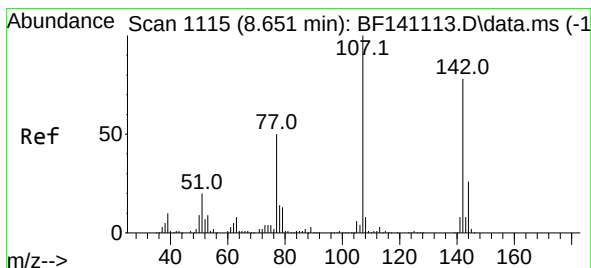
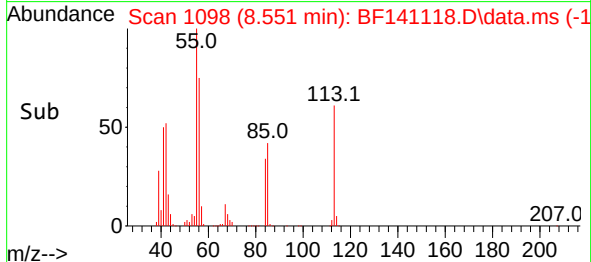
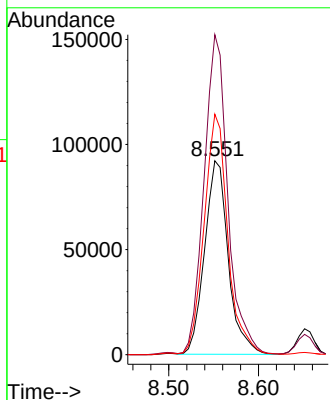
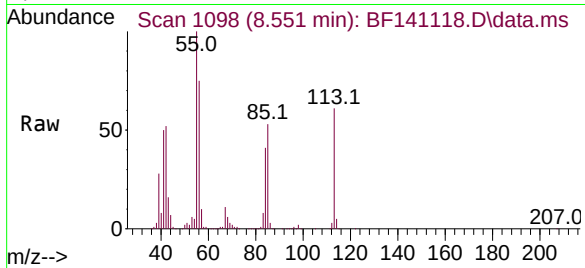




#35  
 Caprolactam  
 Concen: 59.824 ng  
 RT: 8.551 min Scan# 1098  
 Delta R.T. 0.006 min  
 Lab File: BF141118.D  
 Acq: 10 Jan 2025 17:19

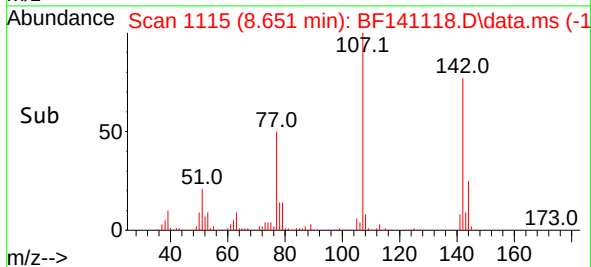
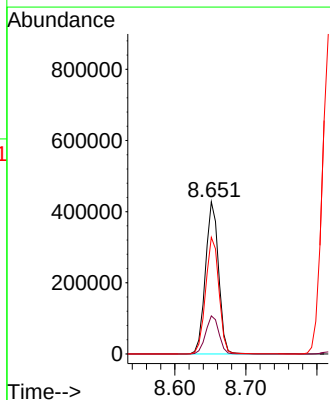
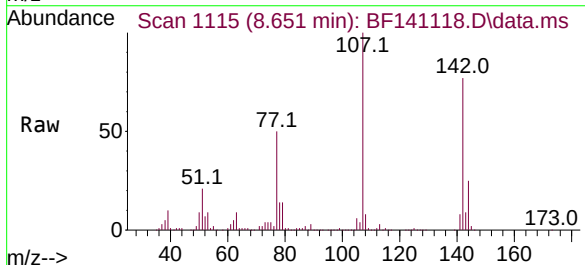
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

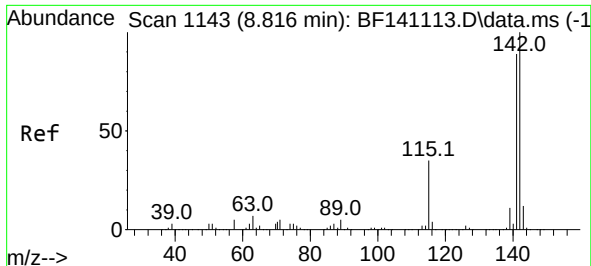
Tgt Ion:113 Resp: 168796  
 Ion Ratio Lower Upper  
 113 100  
 55 165.0 139.7 179.7  
 56 124.1 99.4 139.4



#36  
 4-Chloro-3-methylphenol  
 Concen: 58.704 ng  
 RT: 8.651 min Scan# 1115  
 Delta R.T. 0.000 min  
 Lab File: BF141118.D  
 Acq: 10 Jan 2025 17:19

Tgt Ion:107 Resp: 552248  
 Ion Ratio Lower Upper  
 107 100  
 144 25.0 20.4 30.6  
 142 76.6 62.2 93.2





#37

2-Methylnaphthalene

Concen: 56.860 ng

RT: 8.816 min Scan# 1143

Delta R.T. 0.000 min

Lab File: BF141118.D

Acq: 10 Jan 2025 17:19

Instrument :

BNA\_F

ClientSampleId :

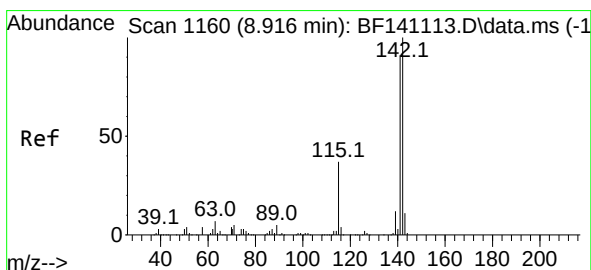
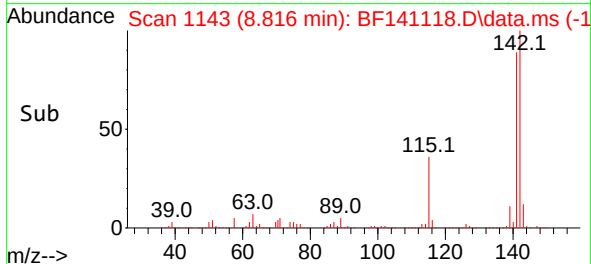
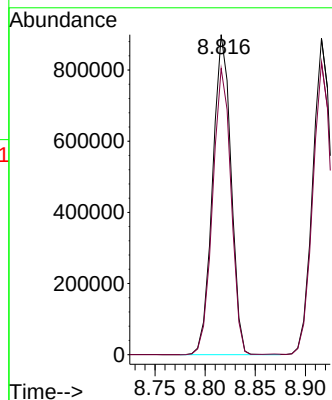
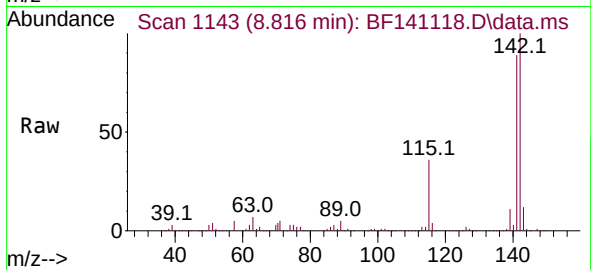
SSTDICC060

Tgt Ion:142 Resp: 1147172

Ion Ratio Lower Upper

142 100

141 89.4 71.3 106.9



#38

1-Methylnaphthalene

Concen: 56.812 ng

RT: 8.916 min Scan# 1160

Delta R.T. 0.000 min

Lab File: BF141118.D

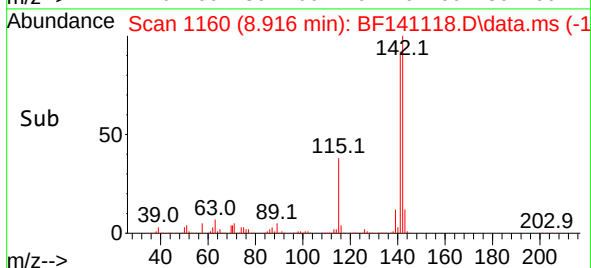
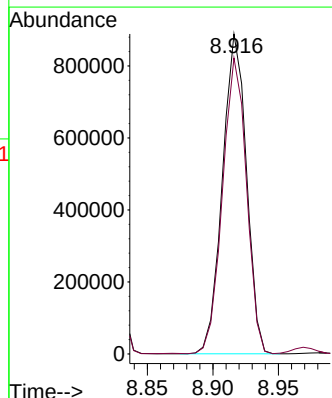
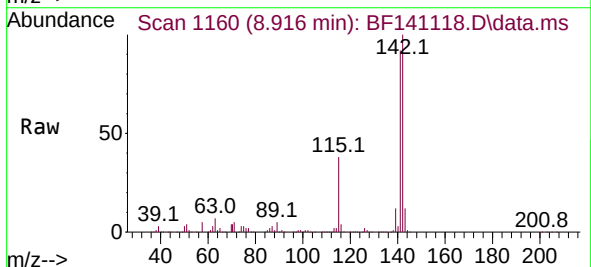
Acq: 10 Jan 2025 17:19

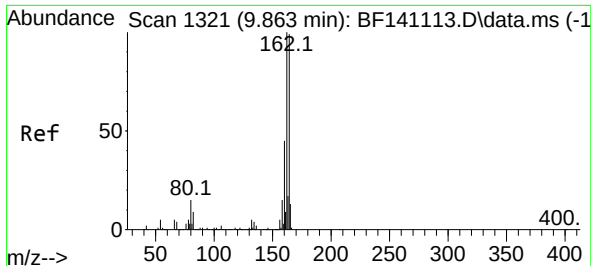
Tgt Ion:142 Resp: 1129604

Ion Ratio Lower Upper

142 100

141 92.5 73.1 109.7

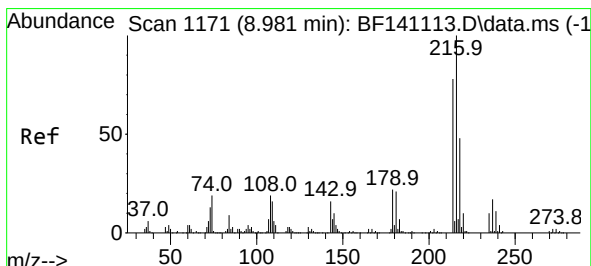
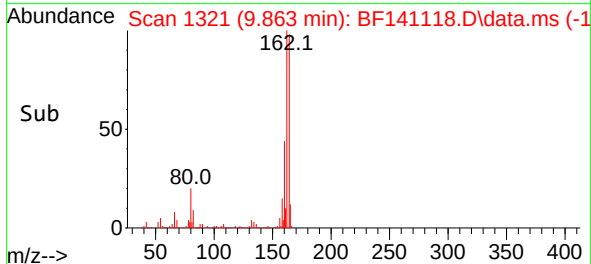
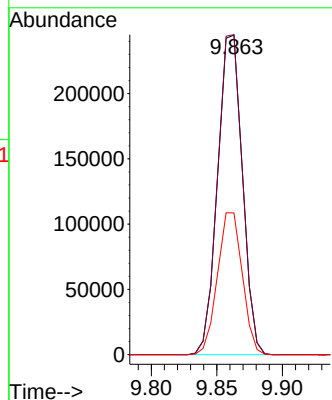
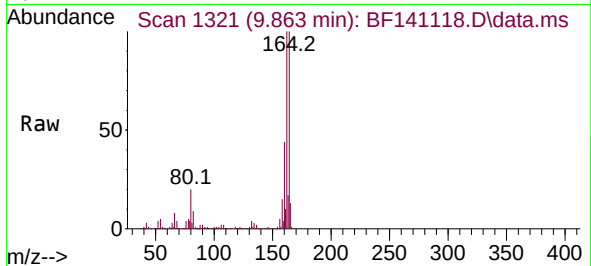




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.863 min Scan# 1171  
Delta R.T. 0.000 min  
Lab File: BF141118.D  
Acq: 10 Jan 2025 17:19

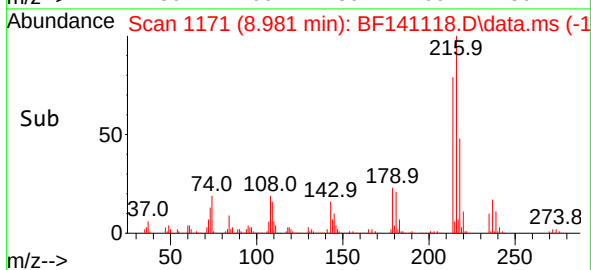
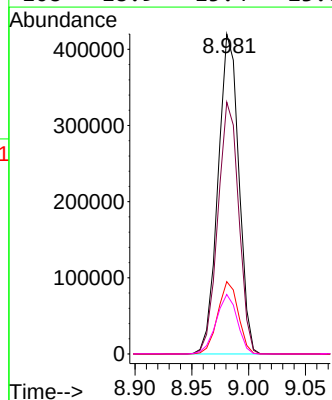
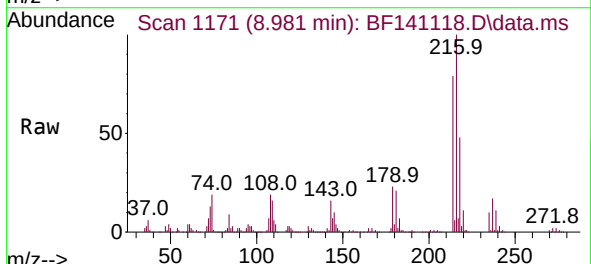
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

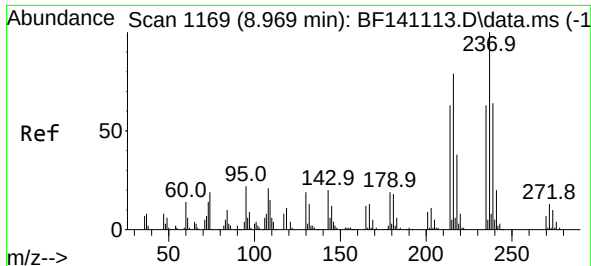
Tgt Ion:164 Resp: 321522  
Ion Ratio Lower Upper  
164 100  
162 100.2 81.0 121.4  
160 44.4 36.1 54.1



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 57.909 ng  
RT: 8.981 min Scan# 1171  
Delta R.T. 0.000 min  
Lab File: BF141118.D  
Acq: 10 Jan 2025 17:19

Tgt Ion:216 Resp: 534399  
Ion Ratio Lower Upper  
216 100  
214 78.8 62.6 94.0  
179 22.3 17.7 26.5  
108 18.9 15.4 23.0

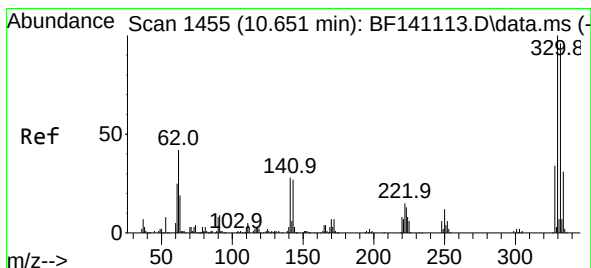
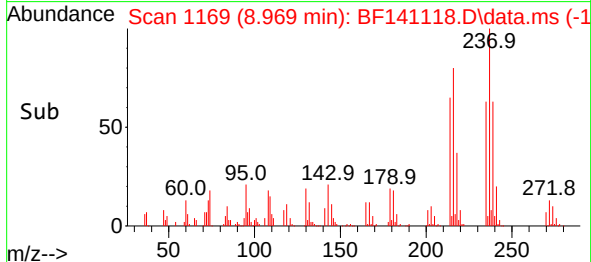
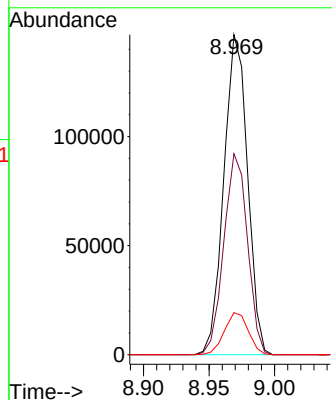
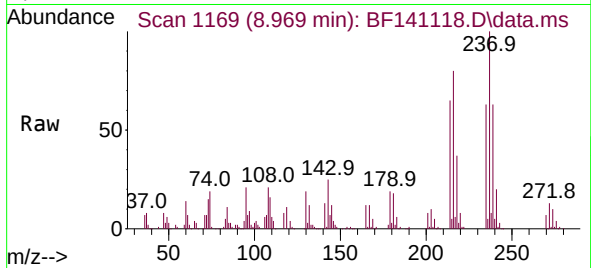




#41  
Hexachlorocyclopentadiene  
Concen: 61.011 ng  
RT: 8.969 min Scan# 1169  
Delta R.T. 0.000 min  
Lab File: BF141118.D  
Acq: 10 Jan 2025 17:19

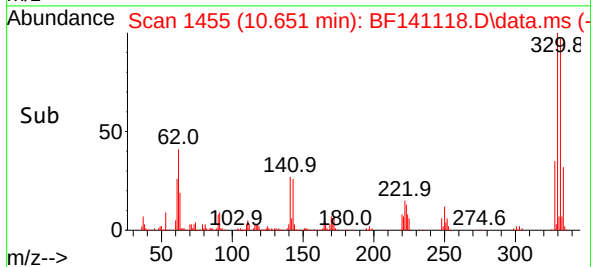
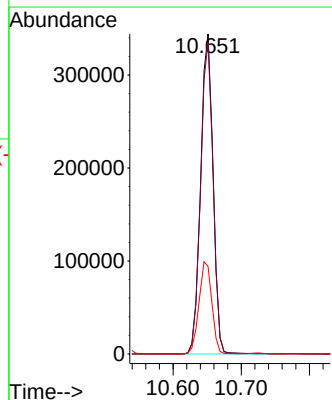
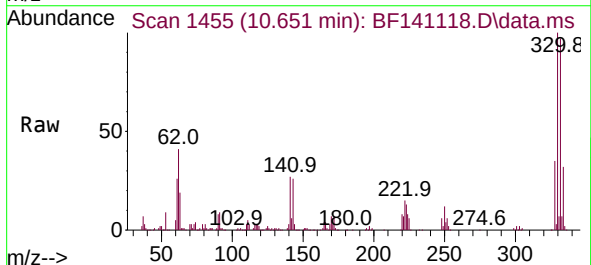
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

Tgt Ion:237 Resp: 184204  
Ion Ratio Lower Upper  
237 100  
235 62.8 43.0 83.0  
272 13.1 0.0 33.0

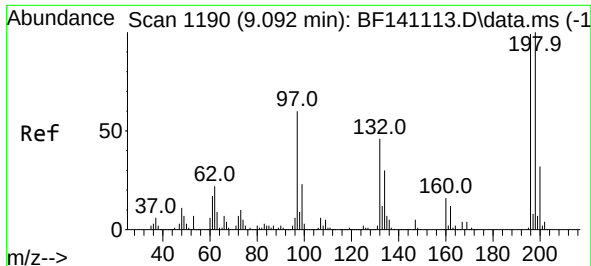


#42  
2,4,6-Tribromophenol  
Concen: 118.901 ng  
RT: 10.651 min Scan# 1455  
Delta R.T. 0.000 min  
Lab File: BF141118.D  
Acq: 10 Jan 2025 17:19

Tgt Ion:330 Resp: 435599  
Ion Ratio Lower Upper  
330 100  
332 97.5 76.9 115.3  
141 29.8 25.2 37.8



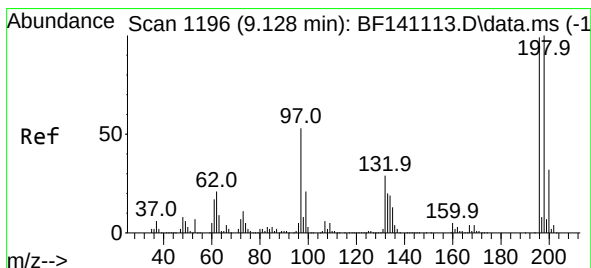
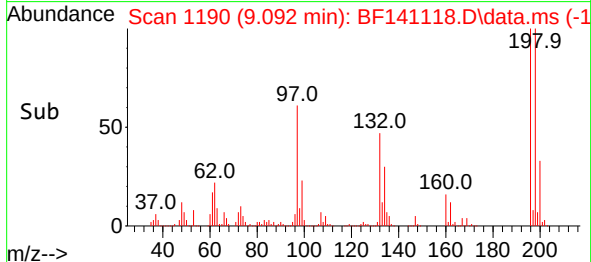
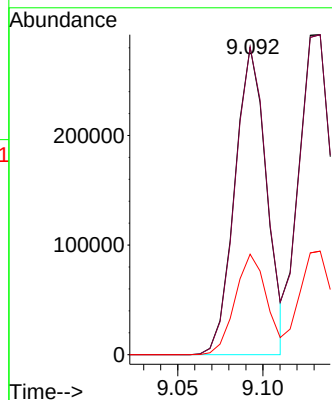
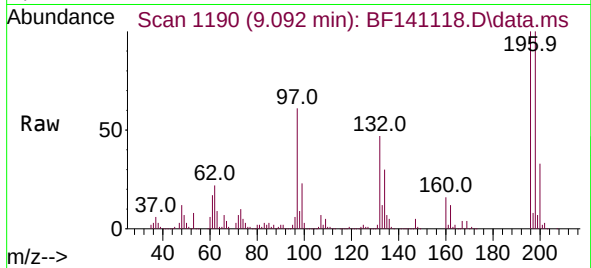




#43  
2,4,6-Trichlorophenol  
Concen: 58.489 ng  
RT: 9.092 min Scan# 1190  
Delta R.T. 0.000 min  
Lab File: BF141118.D  
Acq: 10 Jan 2025 17:19

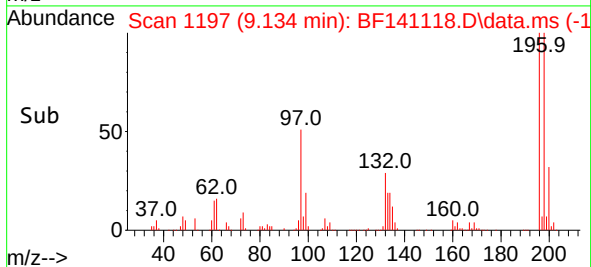
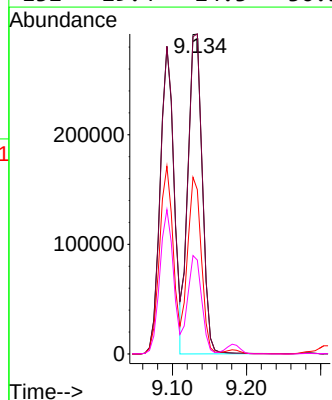
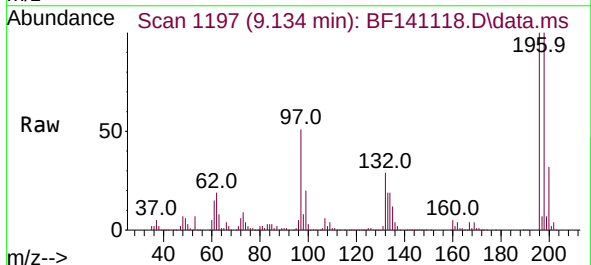
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

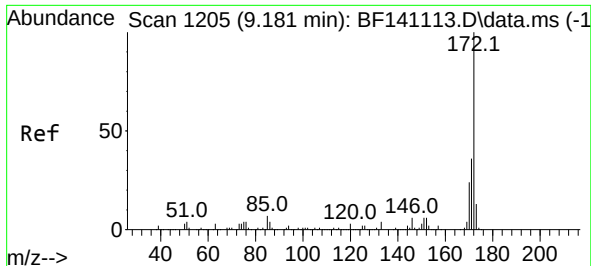
Tgt Ion:196 Resp: 364034  
Ion Ratio Lower Upper  
196 100  
198 100.0 80.8 121.2  
200 32.7 25.7 38.5



#44  
2,4,5-Trichlorophenol  
Concen: 59.706 ng  
RT: 9.134 min Scan# 1197  
Delta R.T. 0.006 min  
Lab File: BF141118.D  
Acq: 10 Jan 2025 17:19

Tgt Ion:196 Resp: 392463  
Ion Ratio Lower Upper  
196 100  
198 100.1 80.6 120.8  
97 51.4 43.1 64.7  
132 29.4 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 107.735 ng

RT: 9.181 min Scan# 1205

Delta R.T. 0.000 min

Lab File: BF141118.D

Acq: 10 Jan 2025 17:19

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

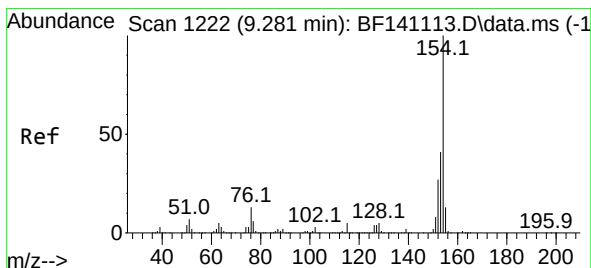
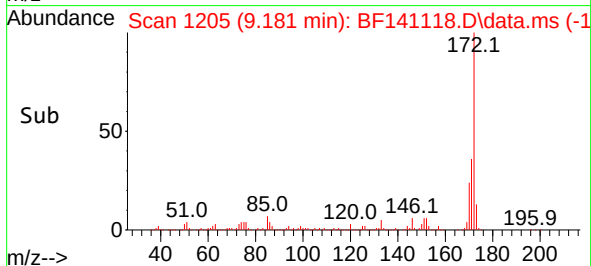
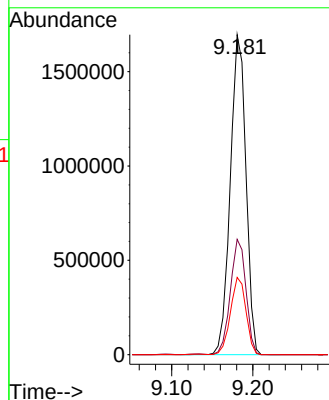
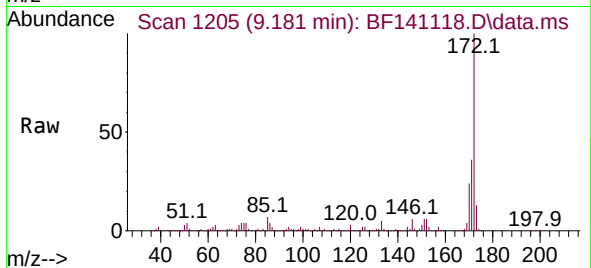
Tgt Ion:172 Resp: 2268382

Ion Ratio Lower Upper

172 100

171 36.0 28.7 43.1

170 24.1 19.0 28.6



#46

1,1'-Biphenyl

Concen: 56.087 ng

RT: 9.281 min Scan# 1222

Delta R.T. 0.000 min

Lab File: BF141118.D

Acq: 10 Jan 2025 17:19

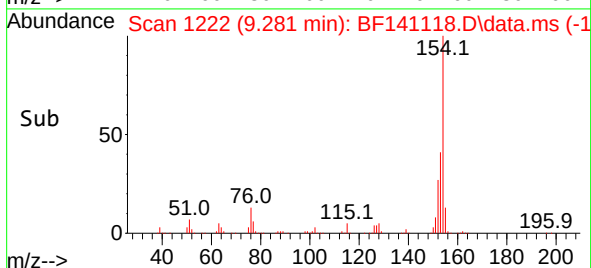
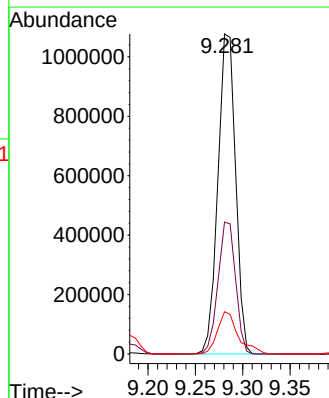
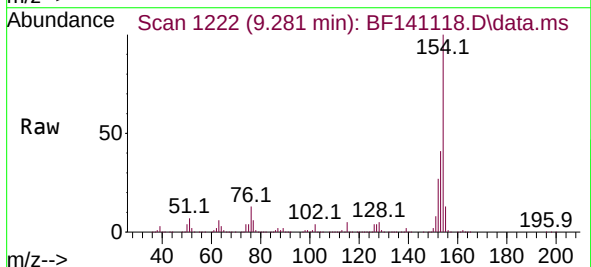
Tgt Ion:154 Resp: 1400460

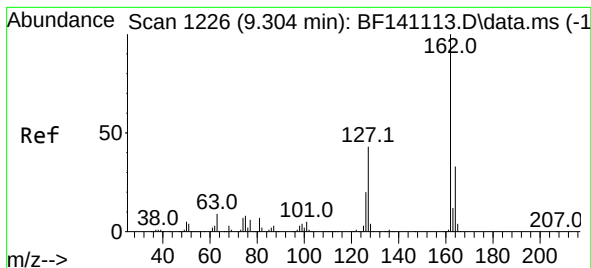
Ion Ratio Lower Upper

154 100

153 41.2 20.7 60.7

76 13.2 0.0 33.1





#47

2-Chloronaphthalene

Concen: 56.770 ng

RT: 9.310 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF141118.D

Acq: 10 Jan 2025 17:19

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

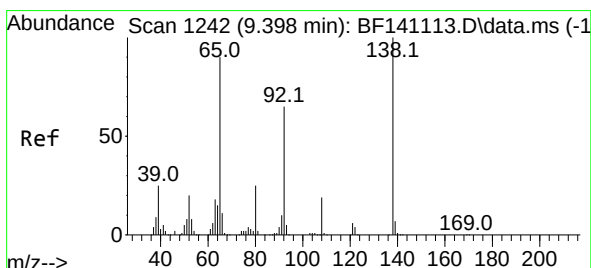
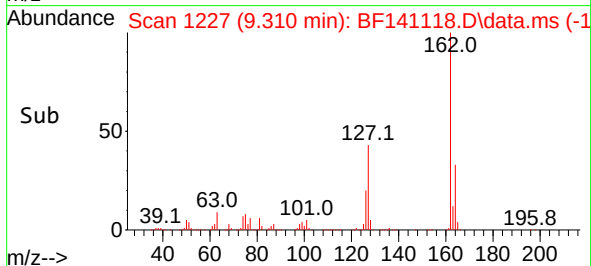
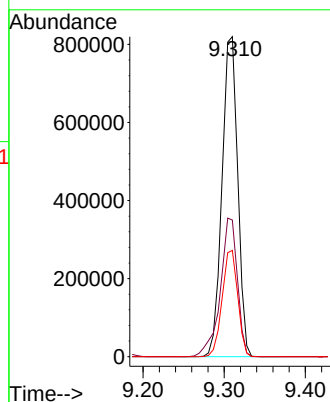
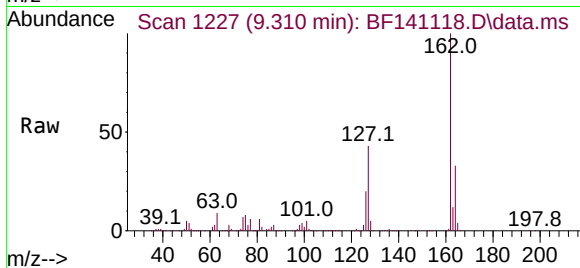
Tgt Ion:162 Resp: 1104069

Ion Ratio Lower Upper

162 100

127 42.7 34.6 51.8

164 33.2 26.5 39.7



#48

2-Nitroaniline

Concen: 61.027 ng

RT: 9.398 min Scan# 1242

Delta R.T. 0.000 min

Lab File: BF141118.D

Acq: 10 Jan 2025 17:19

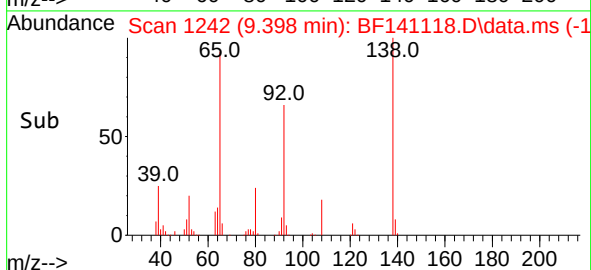
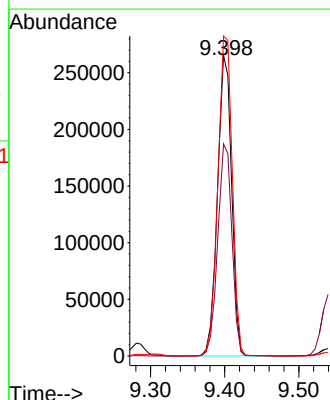
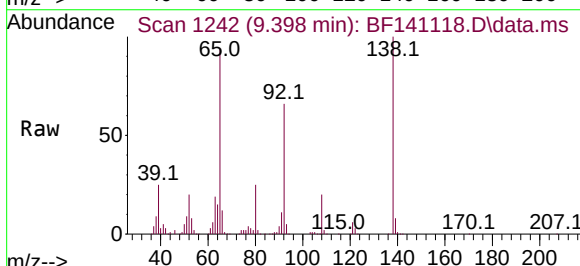
Tgt Ion: 65 Resp: 351824

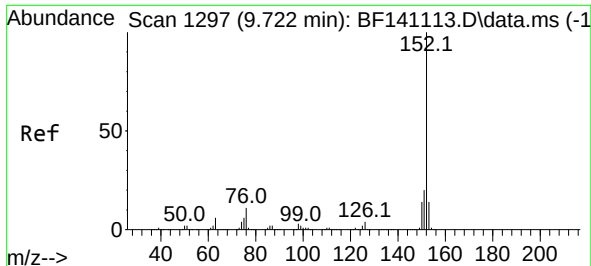
Ion Ratio Lower Upper

65 100

92 70.5 58.3 87.5

138 106.5 89.1 133.7





#49

Acenaphthylene

Concen: 57.426 ng

RT: 9.722 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF141118.D

Acq: 10 Jan 2025 17:19

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

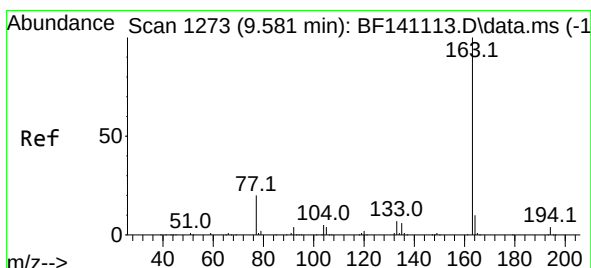
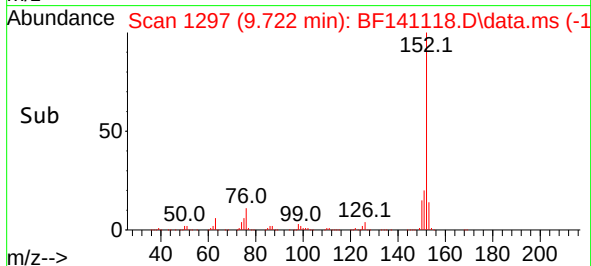
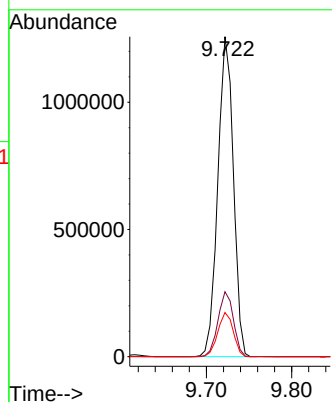
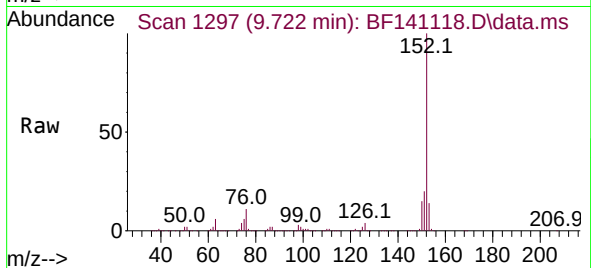
Tgt Ion:152 Resp: 1595599

Ion Ratio Lower Upper

152 100

151 20.3 16.1 24.1

153 13.8 11.1 16.7



#50

Dimethylphthalate

Concen: 57.746 ng

RT: 9.587 min Scan# 1274

Delta R.T. 0.006 min

Lab File: BF141118.D

Acq: 10 Jan 2025 17:19

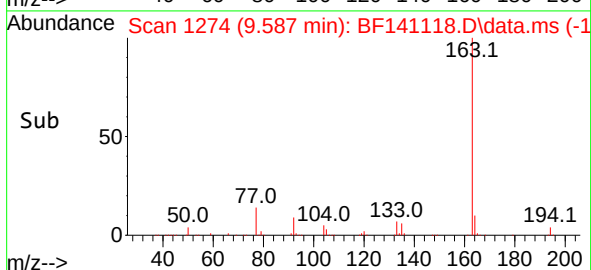
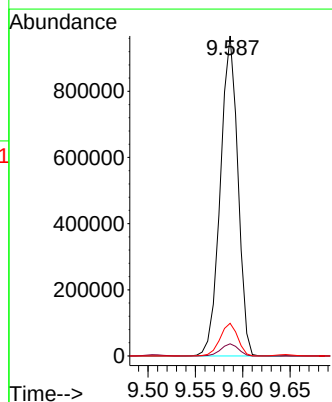
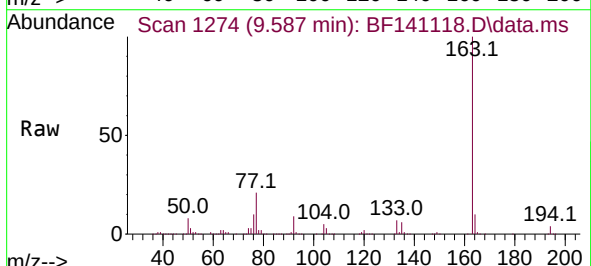
Tgt Ion:163 Resp: 1246443

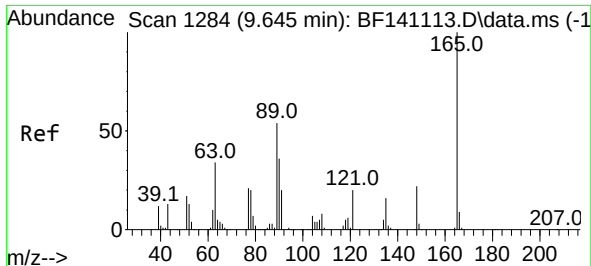
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

164 10.2 8.2 12.4

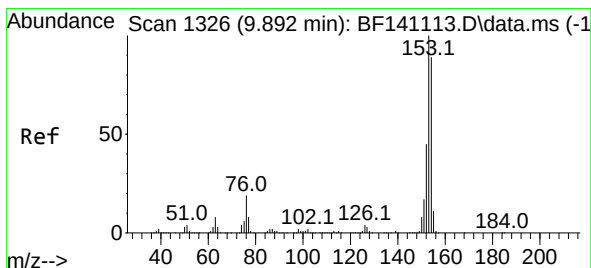
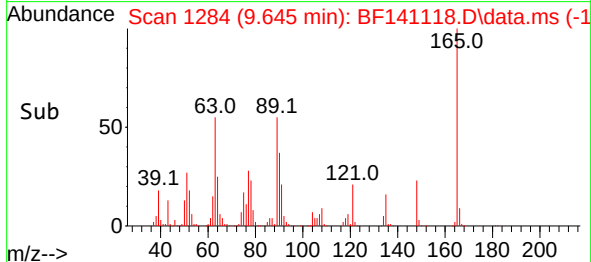
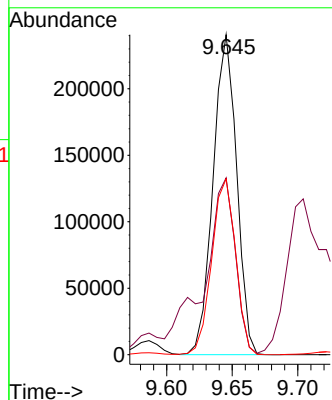
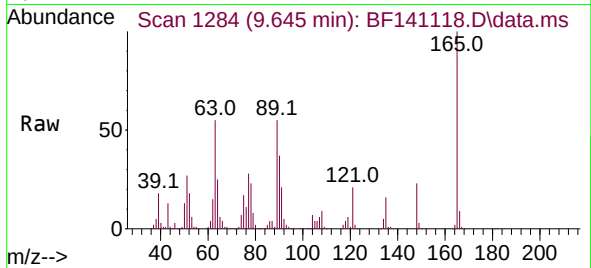




#51  
2,6-Dinitrotoluene  
Concen: 59.872 ng  
RT: 9.645 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF141118.D  
Acq: 10 Jan 2025 17:19

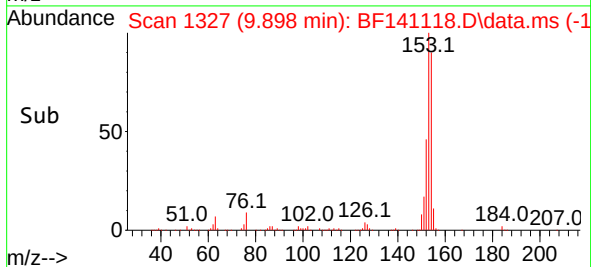
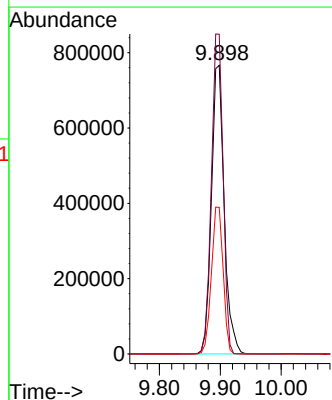
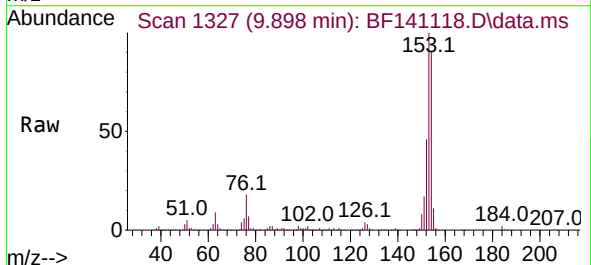
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

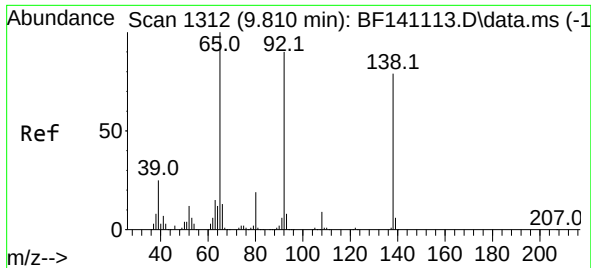
Tgt Ion:165 Resp: 300526  
Ion Ratio Lower Upper  
165 100  
63 55.3 42.3 63.5  
89 55.0 43.1 64.7



#52  
Acenaphthene  
Concen: 57.638 ng  
RT: 9.898 min Scan# 1327  
Delta R.T. 0.006 min  
Lab File: BF141118.D  
Acq: 10 Jan 2025 17:19

Tgt Ion:154 Resp: 1118880  
Ion Ratio Lower Upper  
154 100  
153 110.7 89.8 134.6  
152 50.7 40.8 61.2

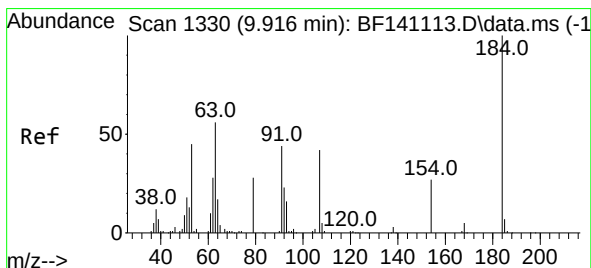
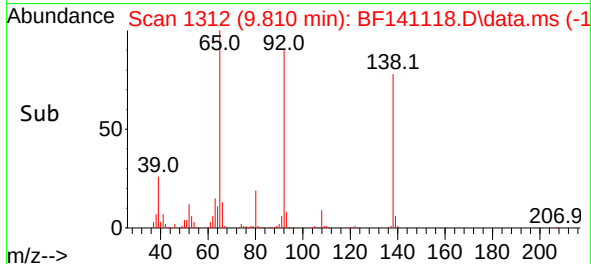
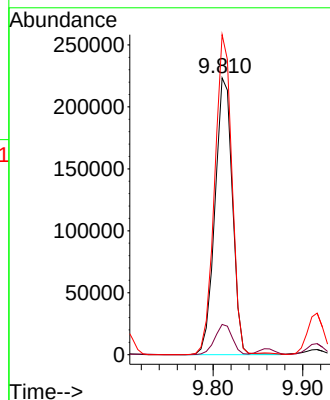
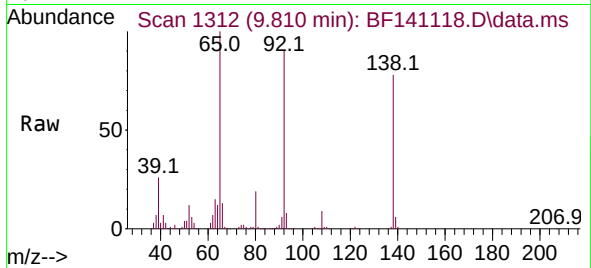




#53  
3-Nitroaniline  
Concen: 59.064 ng  
RT: 9.810 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF141118.D  
Acq: 10 Jan 2025 17:19

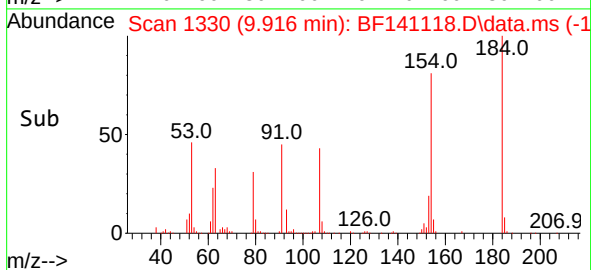
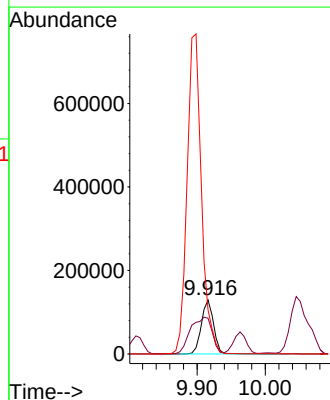
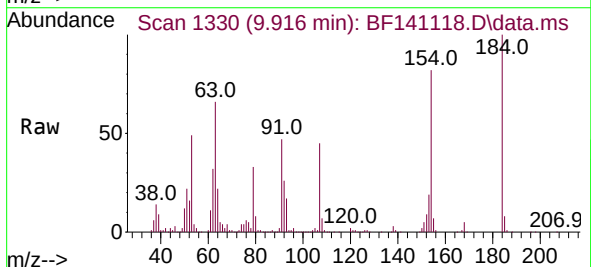
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

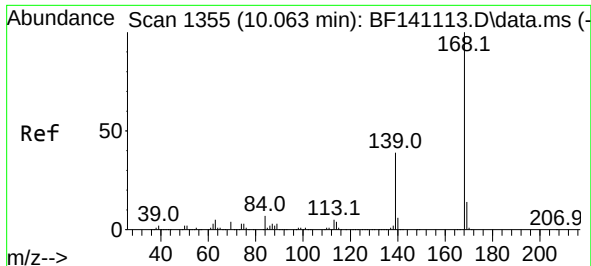
Tgt Ion:138 Resp: 301277  
Ion Ratio Lower Upper  
138 100  
108 11.0 8.8 13.2  
92 115.6 91.3 136.9



#54  
2,4-Dinitrophenol  
Concen: 67.324 ng  
RT: 9.916 min Scan# 1330  
Delta R.T. -0.000 min  
Lab File: BF141118.D  
Acq: 10 Jan 2025 17:19

Tgt Ion:184 Resp: 160627  
Ion Ratio Lower Upper  
184 100  
63 66.2 48.7 73.1  
154 81.6 57.1 85.7

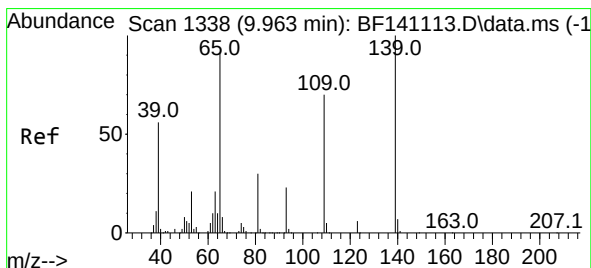
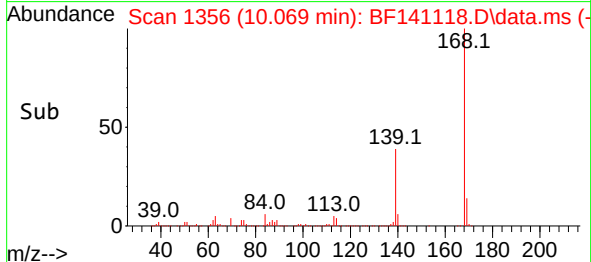
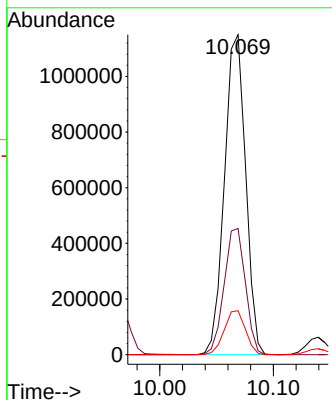
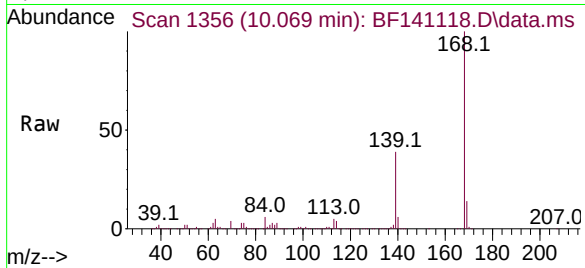




#55  
Dibenzenofuran  
Concen: 56.480 ng  
RT: 10.069 min Scan# 1355  
Delta R.T. 0.006 min  
Lab File: BF141118.D  
Acq: 10 Jan 2025 17:19

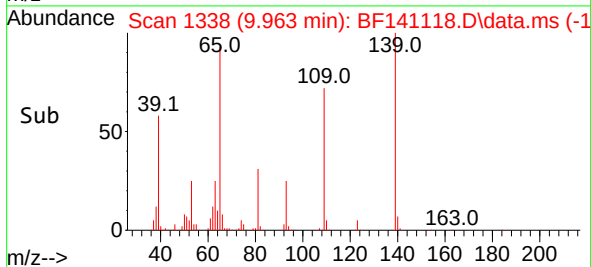
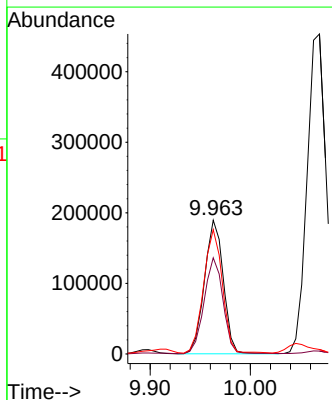
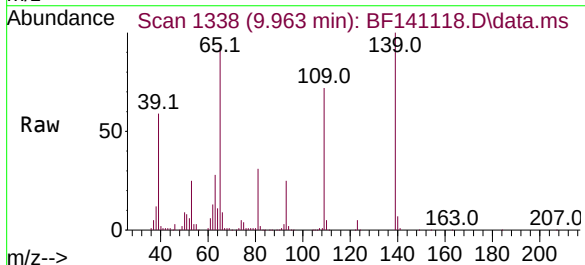
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

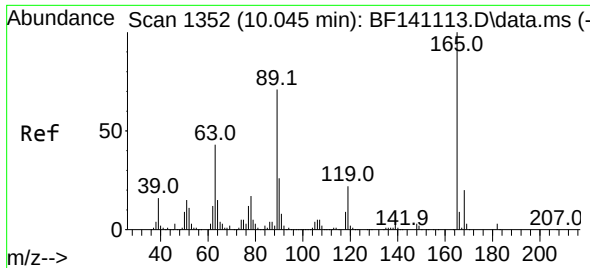
Tgt Ion:168 Resp: 1491333  
Ion Ratio Lower Upper  
168 100  
139 39.4 31.4 47.0  
169 13.7 10.9 16.3



#56  
4-Nitrophenol  
Concen: 62.231 ng  
RT: 9.963 min Scan# 1338  
Delta R.T. 0.000 min  
Lab File: BF141118.D  
Acq: 10 Jan 2025 17:19

Tgt Ion:139 Resp: 248603  
Ion Ratio Lower Upper  
139 100  
109 71.9 50.2 90.2  
65 93.0 72.1 112.1

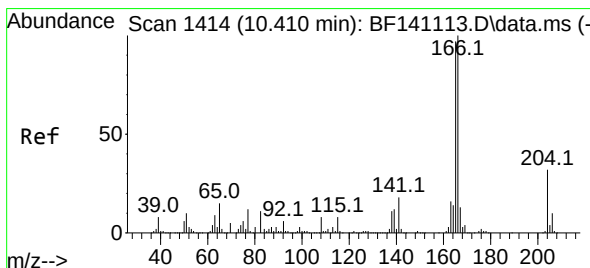
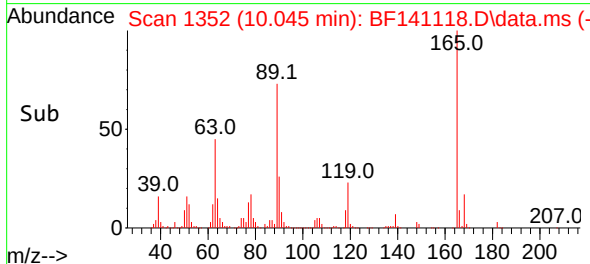
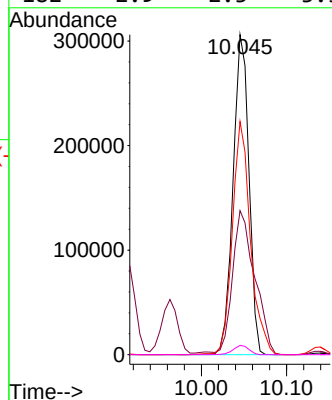
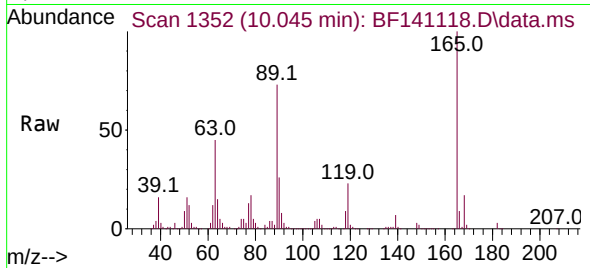




#57  
2,4-Dinitrotoluene  
Concen: 61.325 ng  
RT: 10.045 min Scan# 1352  
Delta R.T. 0.000 min  
Lab File: BF141118.D  
Acq: 10 Jan 2025 17:19

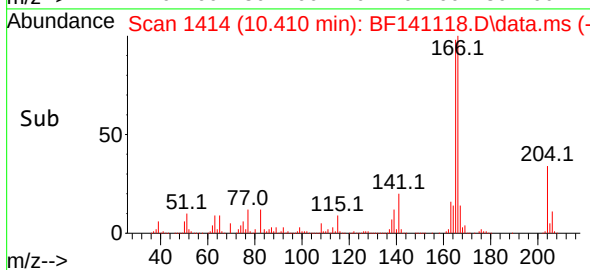
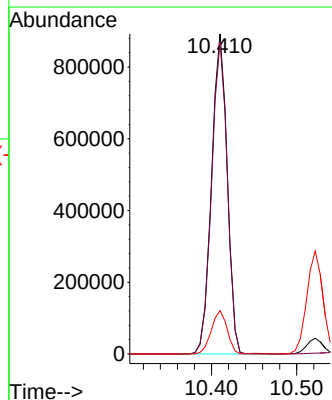
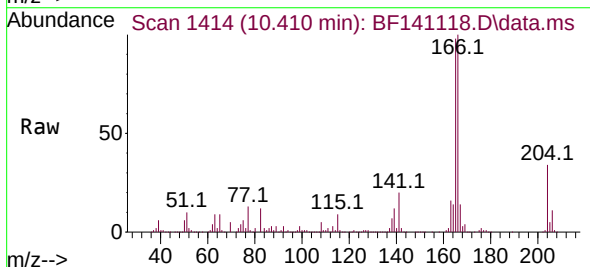
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

Tgt Ion:165 Resp: 396697  
Ion Ratio Lower Upper  
165 100  
63 45.0 35.0 52.4  
89 72.9 56.7 85.1  
182 2.9 2.3 3.5

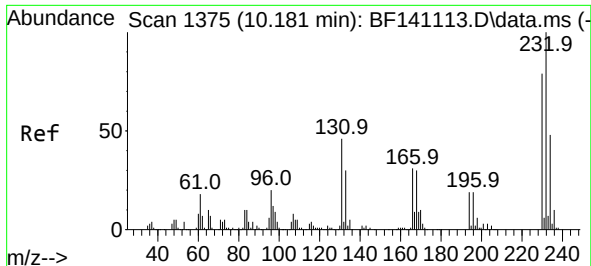


#58  
Fluorene  
Concen: 55.599 ng  
RT: 10.410 min Scan# 1414  
Delta R.T. 0.000 min  
Lab File: BF141118.D  
Acq: 10 Jan 2025 17:19

Tgt Ion:166 Resp: 1140533  
Ion Ratio Lower Upper  
166 100  
165 97.7 77.8 116.8  
167 13.6 10.8 16.2



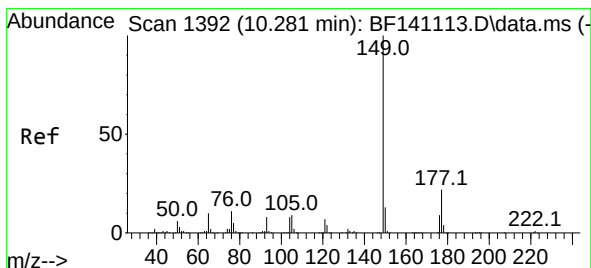
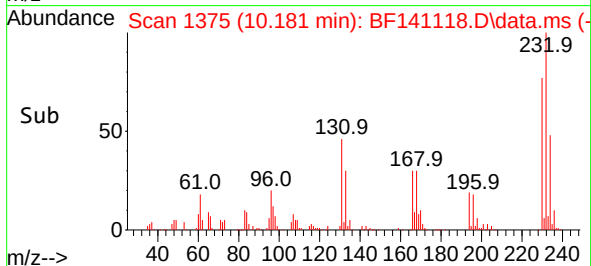
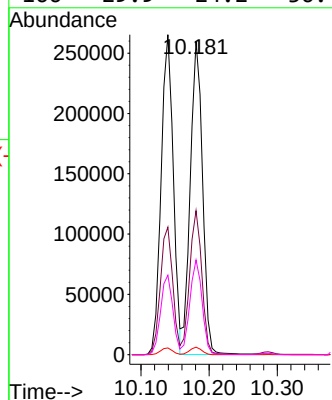
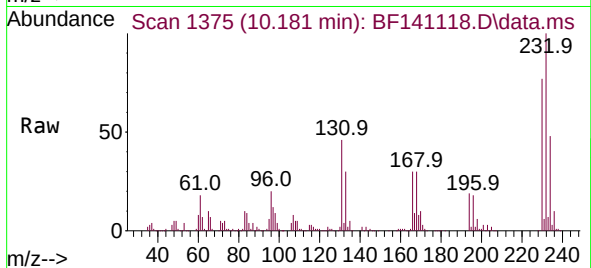




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 59.450 ng  
RT: 10.181 min Scan# 1375  
Delta R.T. 0.000 min  
Lab File: BF141118.D  
Acq: 10 Jan 2025 17:19

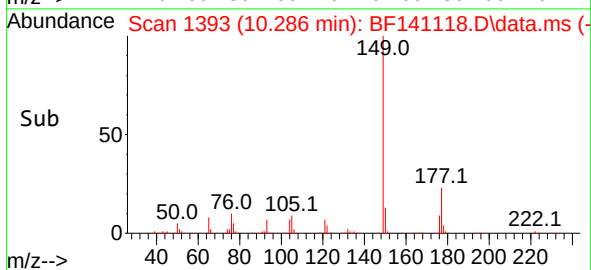
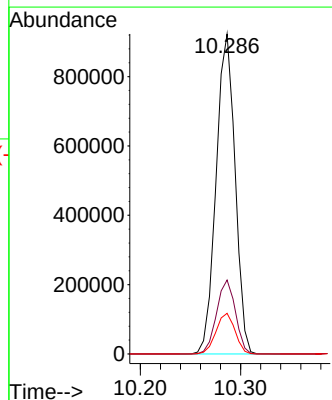
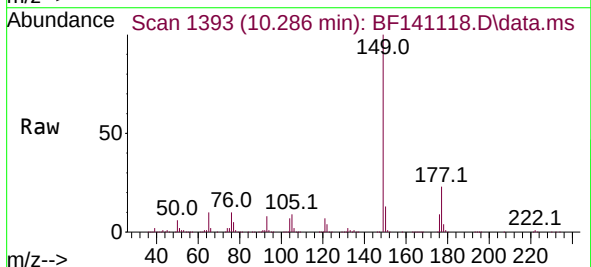
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

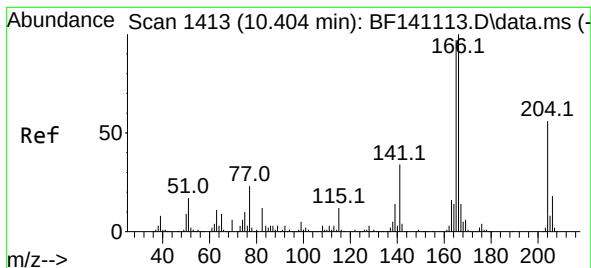
Tgt Ion:232 Resp: 324822  
Ion Ratio Lower Upper  
232 100  
131 45.7 36.2 54.4  
130 2.3 2.0 3.0  
166 29.9 24.2 36.4



#60  
Diethylphthalate  
Concen: 57.521 ng  
RT: 10.286 min Scan# 1393  
Delta R.T. 0.006 min  
Lab File: BF141118.D  
Acq: 10 Jan 2025 17:19

Tgt Ion:149 Resp: 1212103  
Ion Ratio Lower Upper  
149 100  
177 23.1 17.9 26.9  
150 12.7 10.2 15.2

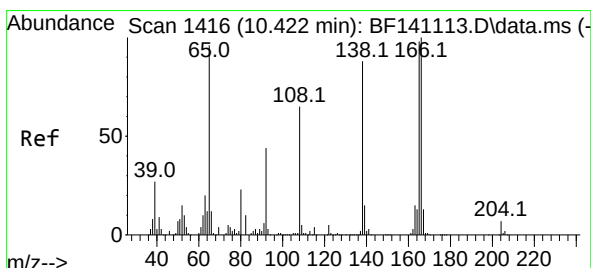
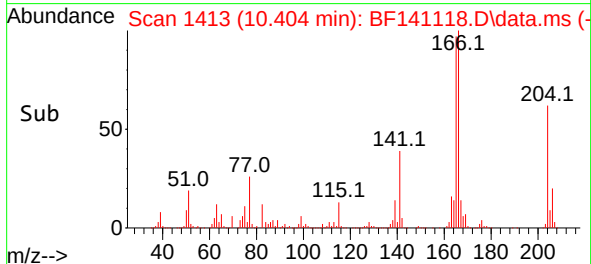
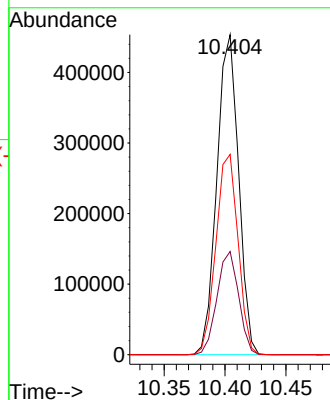
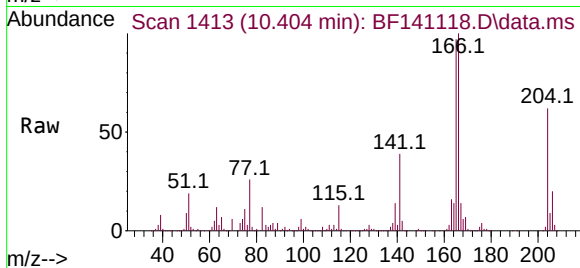




#61  
4-Chlorophenyl-phenylether  
Concen: 56.322 ng  
RT: 10.404 min Scan# 1413  
Delta R.T. 0.000 min  
Lab File: BF141118.D  
Acq: 10 Jan 2025 17:19

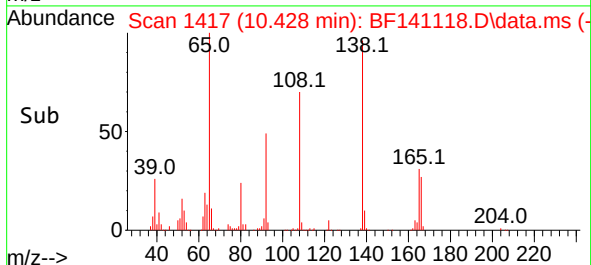
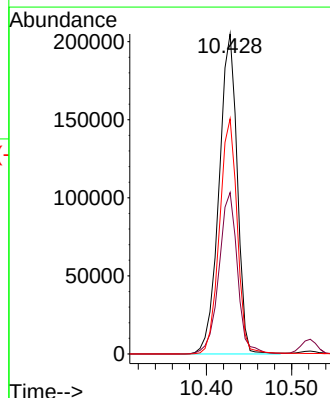
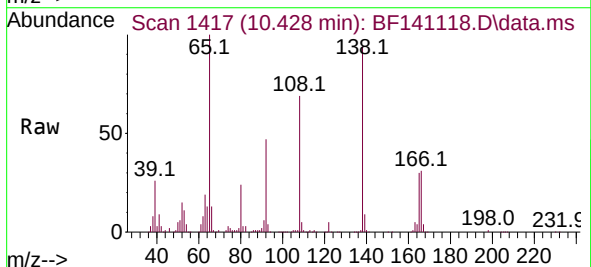
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

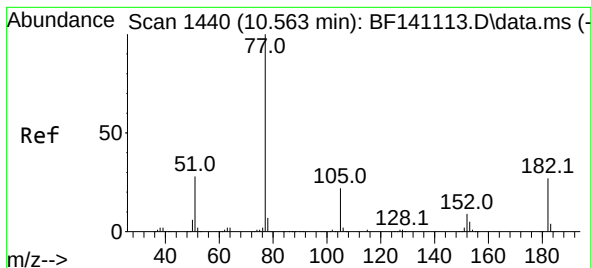
Tgt Ion:204 Resp: 563117  
Ion Ratio Lower Upper  
204 100  
206 32.2 25.9 38.9  
141 62.6 49.1 73.7



#62  
4-Nitroaniline  
Concen: 60.783 ng  
RT: 10.428 min Scan# 1417  
Delta R.T. 0.006 min  
Lab File: BF141118.D  
Acq: 10 Jan 2025 17:19

Tgt Ion:138 Resp: 303457  
Ion Ratio Lower Upper  
138 100  
92 50.4 29.4 69.4  
108 73.5 53.7 93.7

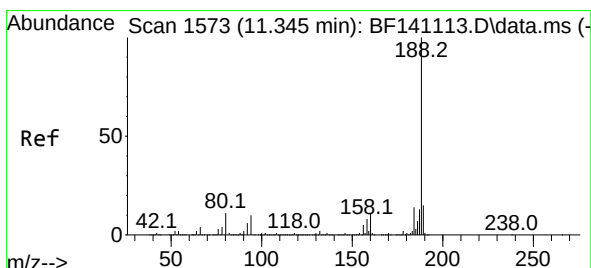
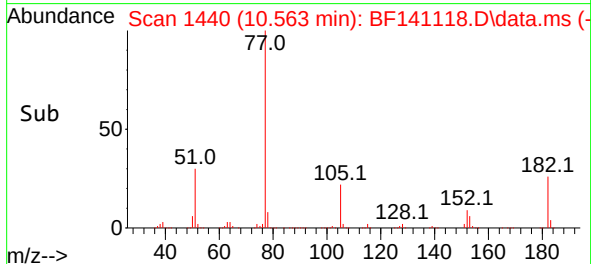
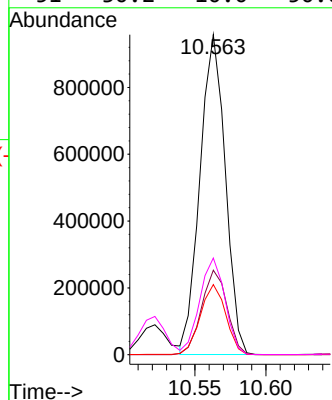
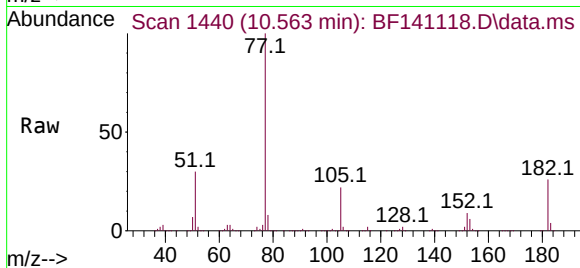




#63  
Azobenzene  
Concen: 57.188 ng  
RT: 10.563 min Scan# 1440  
Delta R.T. 0.000 min  
Lab File: BF141118.D  
Acq: 10 Jan 2025 17:19

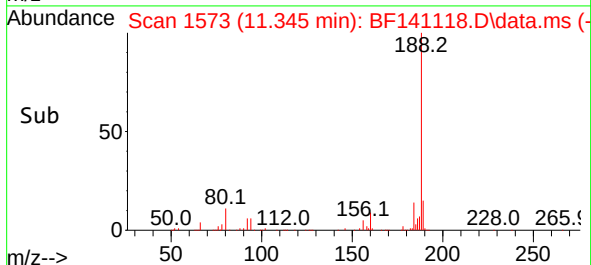
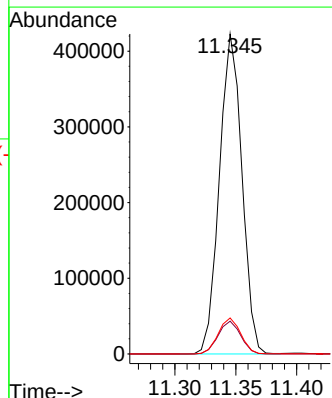
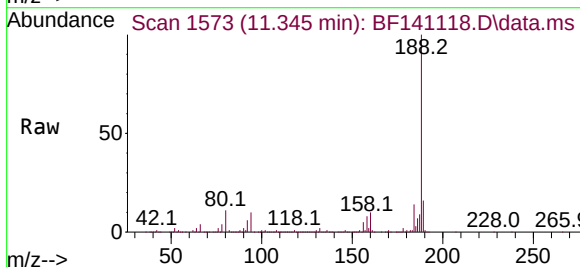
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

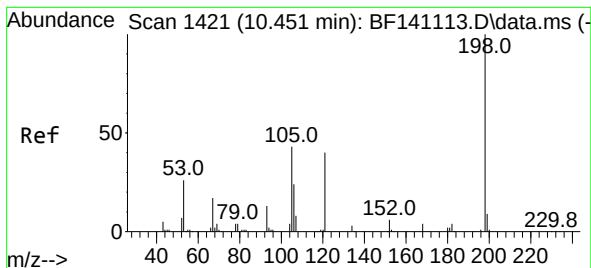
Tgt Ion: 77 Resp: 1189100  
Ion Ratio Lower Upper  
77 100  
182 26.4 6.1 46.1  
105 21.9 2.1 42.1  
51 30.2 10.0 50.0



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.345 min Scan# 1573  
Delta R.T. 0.000 min  
Lab File: BF141118.D  
Acq: 10 Jan 2025 17:19

Tgt Ion:188 Resp: 544574  
Ion Ratio Lower Upper  
188 100  
94 10.2 8.3 12.5  
80 11.3 9.0 13.4

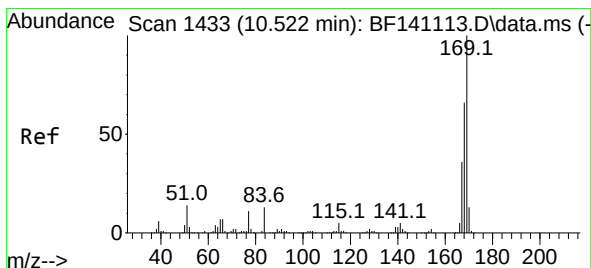
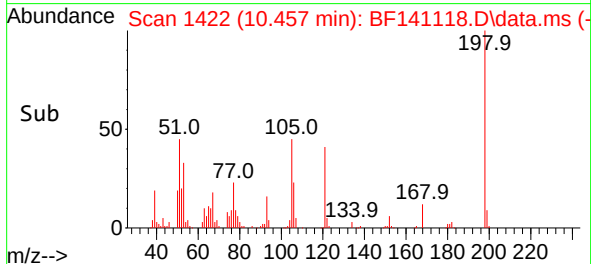
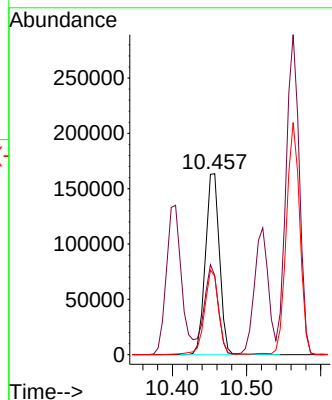
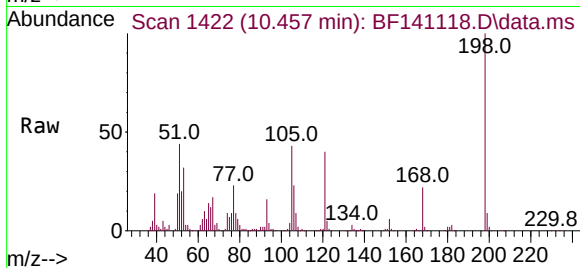




#65  
4,6-Dinitro-2-methylphenol  
Concen: 68.532 ng  
RT: 10.457 min Scan# 1422  
Delta R.T. 0.006 min  
Lab File: BF141118.D  
Acq: 10 Jan 2025 17:19

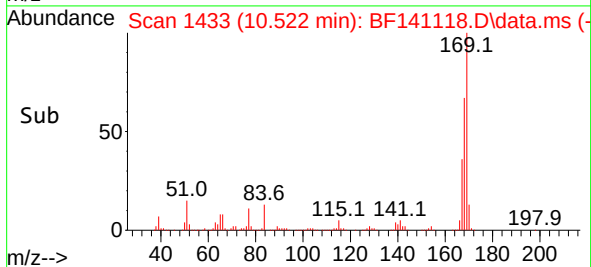
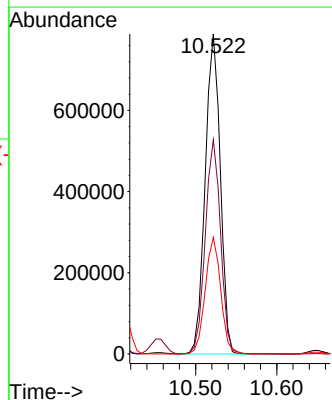
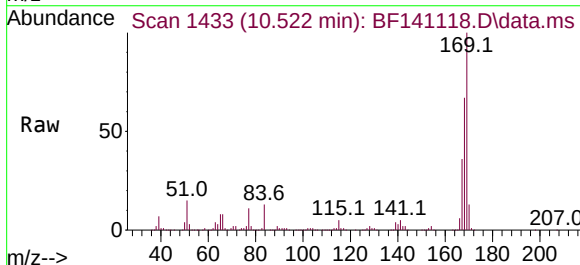
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

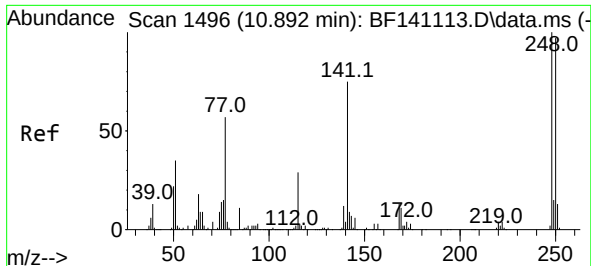
Tgt Ion:198 Resp: 216263  
Ion Ratio Lower Upper  
198 100  
51 43.7 27.1 67.1  
105 43.3 24.2 64.2



#66  
n-Nitrosodiphenylamine  
Concen: 57.856 ng  
RT: 10.522 min Scan# 1433  
Delta R.T. 0.000 min  
Lab File: BF141118.D  
Acq: 10 Jan 2025 17:19

Tgt Ion:169 Resp: 1016238  
Ion Ratio Lower Upper  
169 100  
168 67.0 52.5 78.7  
167 36.4 28.9 43.3

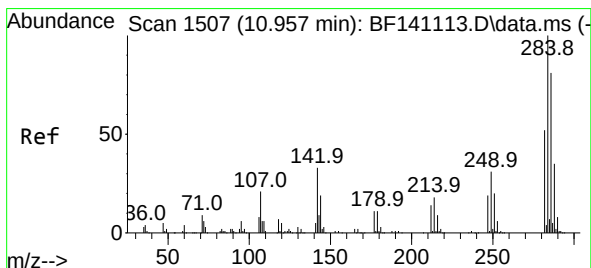
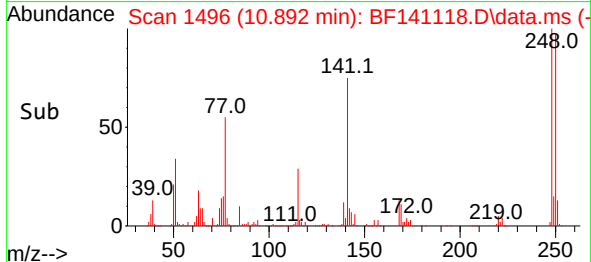
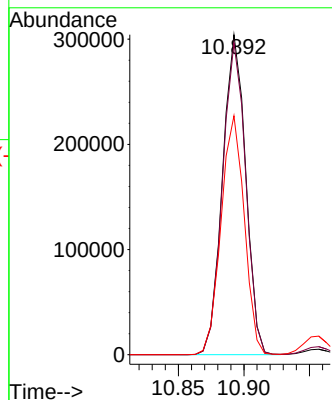
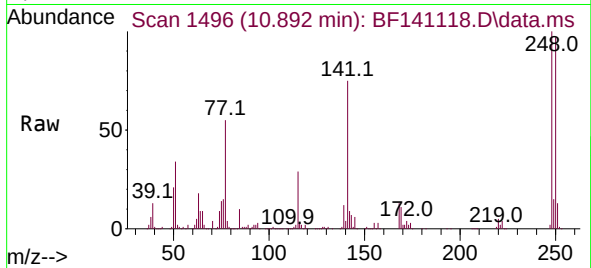




#67  
4-Bromophenyl-phenylether  
Concen: 59.581 ng  
RT: 10.892 min Scan# 1496  
Delta R.T. 0.000 min  
Lab File: BF141118.D  
Acq: 10 Jan 2025 17:19

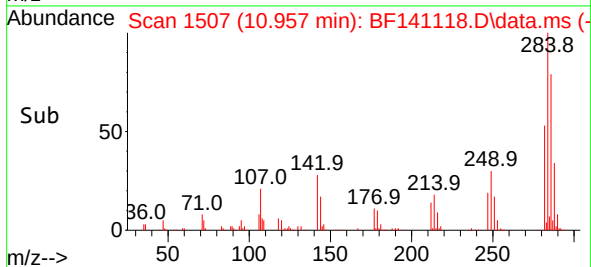
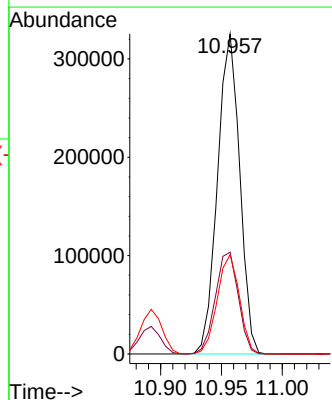
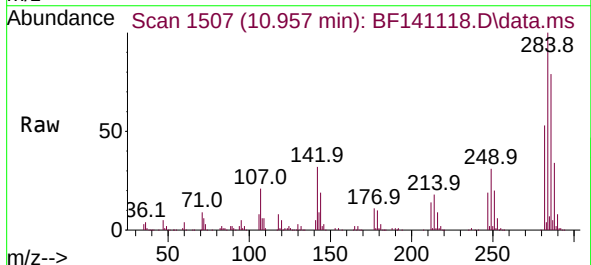
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

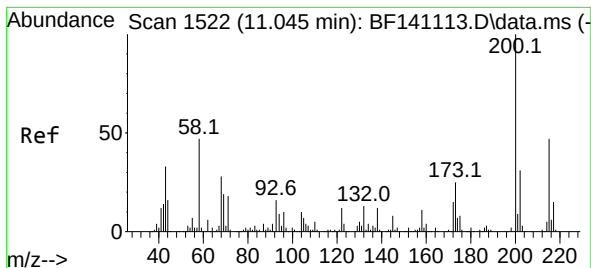
Tgt Ion:248 Resp: 373557  
Ion Ratio Lower Upper  
248 100  
250 97.4 77.9 116.9  
141 74.7 59.9 89.9



#68  
Hexachlorobenzene  
Concen: 59.066 ng  
RT: 10.957 min Scan# 1507  
Delta R.T. 0.000 min  
Lab File: BF141118.D  
Acq: 10 Jan 2025 17:19

Tgt Ion:284 Resp: 412239  
Ion Ratio Lower Upper  
284 100  
142 31.8 26.3 39.5  
249 31.0 24.9 37.3





#69

Atrazine

Concen: 58.231 ng

RT: 11.045 min Scan# 1522

Delta R.T. 0.000 min

Lab File: BF141118.D

Acq: 10 Jan 2025 17:19

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

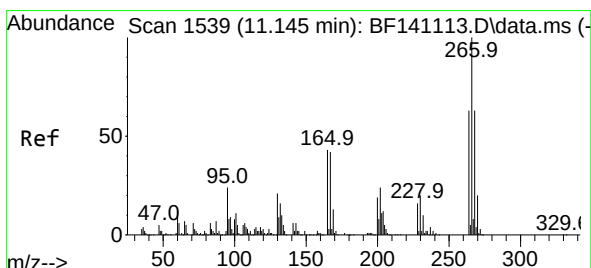
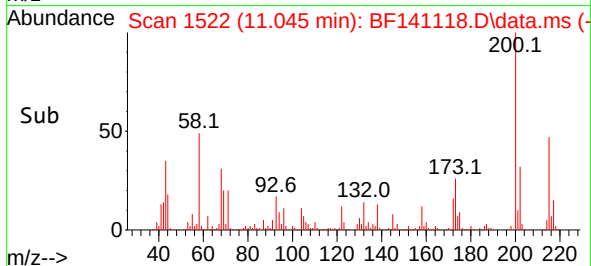
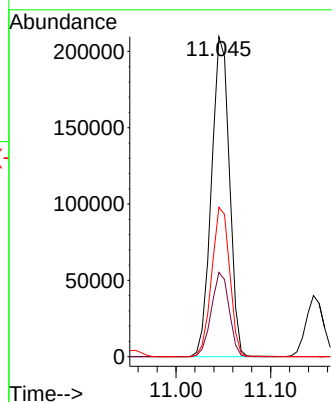
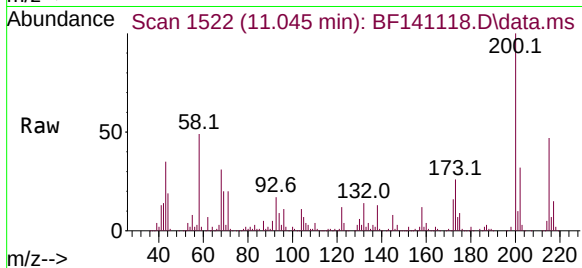
Tgt Ion:200 Resp: 275405

Ion Ratio Lower Upper

200 100

173 26.4 5.4 45.4

215 46.7 26.6 66.6



#70

Pentachlorophenol

Concen: 62.662 ng

RT: 11.145 min Scan# 1539

Delta R.T. 0.000 min

Lab File: BF141118.D

Acq: 10 Jan 2025 17:19

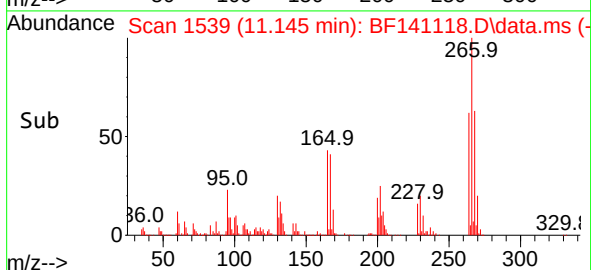
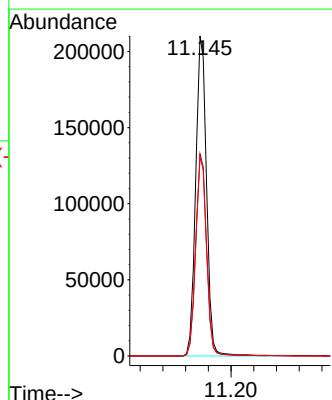
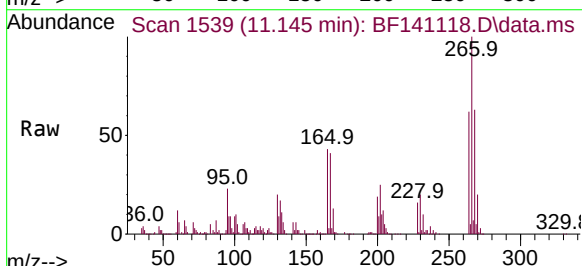
Tgt Ion:266 Resp: 280071

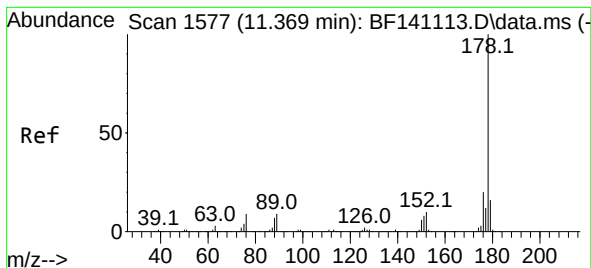
Ion Ratio Lower Upper

266 100

268 63.1 50.4 75.6

264 62.4 50.2 75.2





#71

Phenanthrene

Concen: 56.525 ng

RT: 11.375 min Scan# 1577

Delta R.T. 0.006 min

Lab File: BF141118.D

Acq: 10 Jan 2025 17:19

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

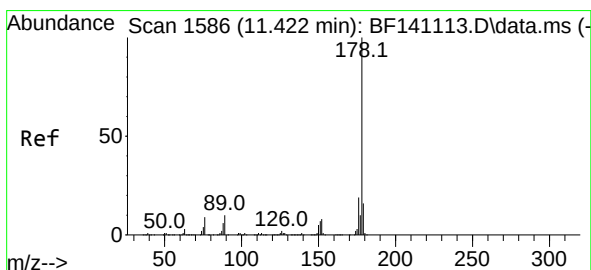
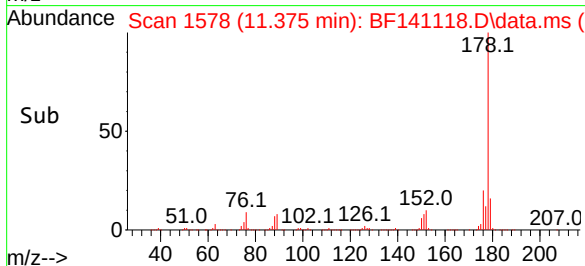
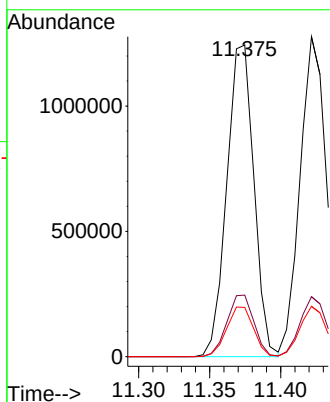
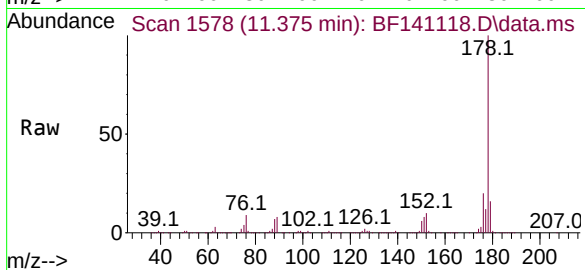
Tgt Ion:178 Resp: 1652586

Ion Ratio Lower Upper

178 100

176 19.7 15.7 23.5

179 15.8 12.6 19.0



#72

Anthracene

Concen: 57.297 ng

RT: 11.422 min Scan# 1586

Delta R.T. 0.000 min

Lab File: BF141118.D

Acq: 10 Jan 2025 17:19

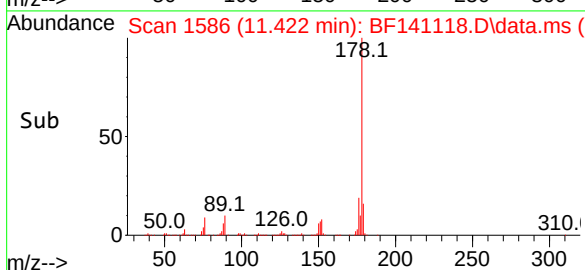
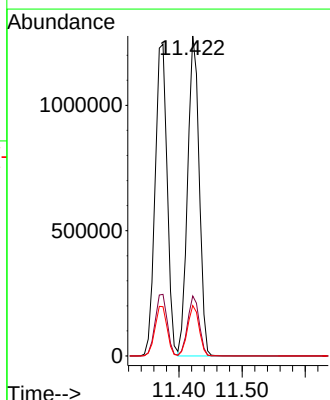
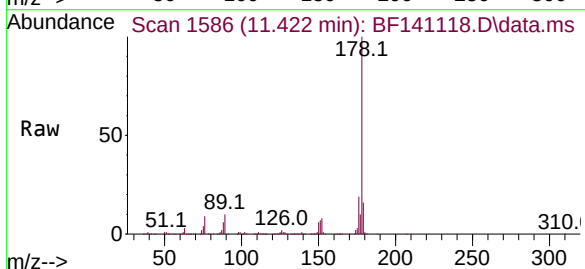
Tgt Ion:178 Resp: 1628828

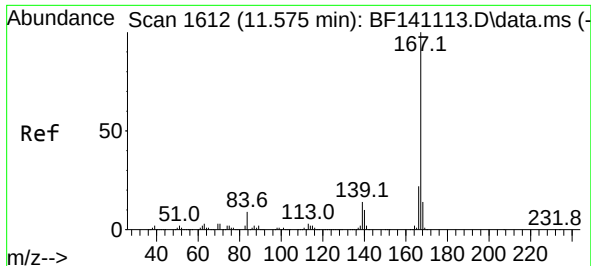
Ion Ratio Lower Upper

178 100

176 18.8 14.9 22.3

179 15.7 12.6 19.0

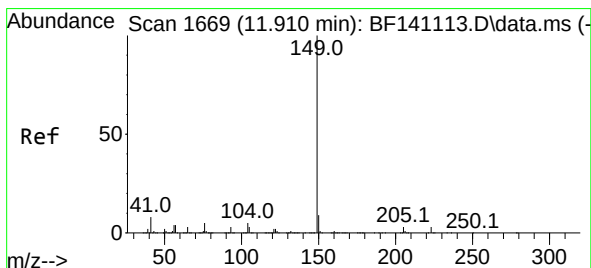
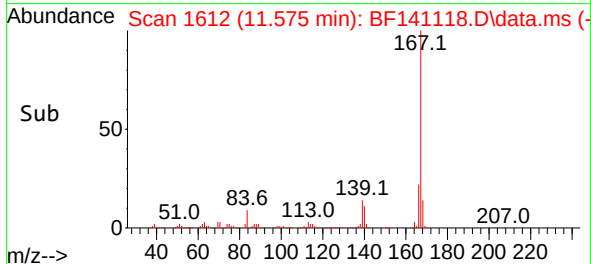
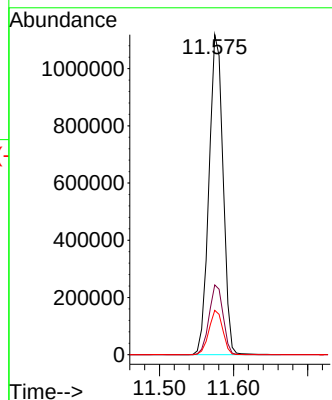
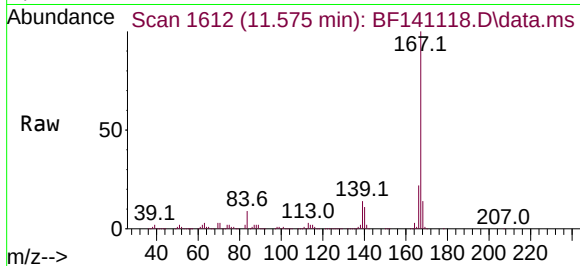




#73  
 Carbazole  
 Concen: 56.440 ng  
 RT: 11.575 min Scan# 1612  
 Delta R.T. 0.000 min  
 Lab File: BF141118.D  
 Acq: 10 Jan 2025 17:19

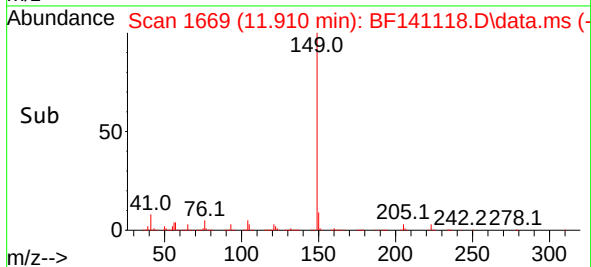
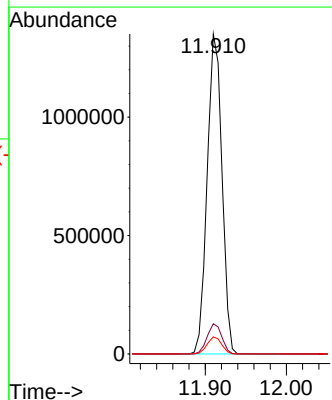
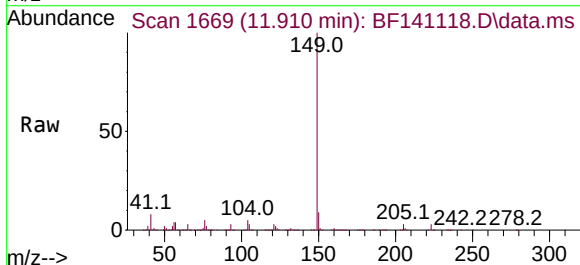
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

Tgt Ion:167 Resp: 1471188  
 Ion Ratio Lower Upper  
 167 100  
 166 21.8 17.4 26.2  
 139 13.8 10.9 16.3

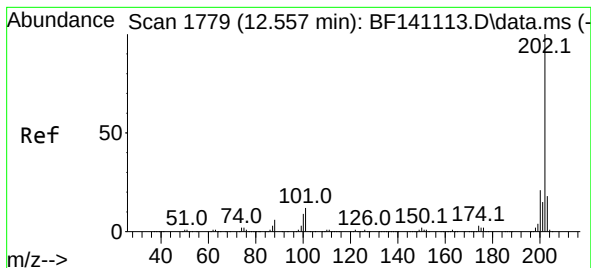


#74  
 Di-n-butylphthalate  
 Concen: 57.105 ng  
 RT: 11.910 min Scan# 1669  
 Delta R.T. 0.000 min  
 Lab File: BF141118.D  
 Acq: 10 Jan 2025 17:19

Tgt Ion:149 Resp: 1703503  
 Ion Ratio Lower Upper  
 149 100  
 150 9.5 7.4 11.2  
 104 5.4 4.2 6.2







#75

Fluoranthene

Concen: 55.261 ng

RT: 12.557 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF141118.D

Acq: 10 Jan 2025 17:19

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

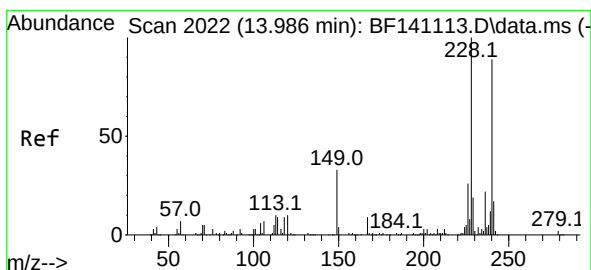
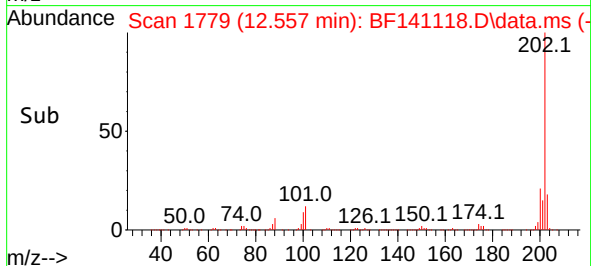
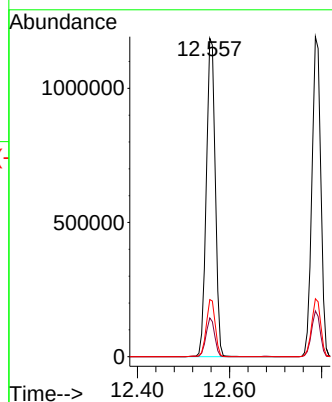
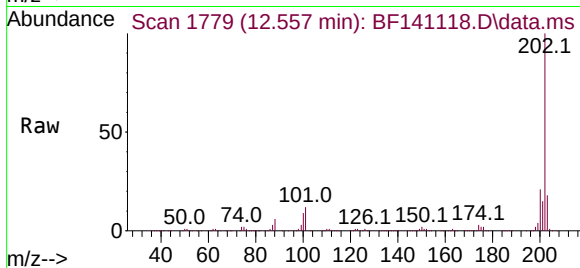
Tgt Ion:202 Resp: 1612262

Ion Ratio Lower Upper

202 100

101 12.2 0.0 32.3

203 18.0 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF141118.D

Acq: 10 Jan 2025 17:19

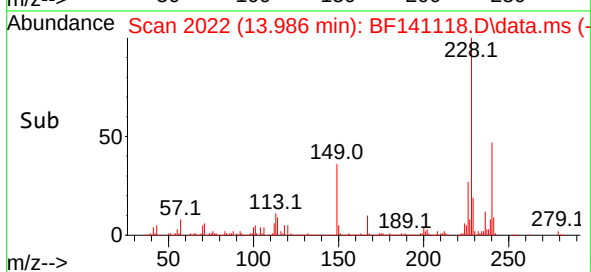
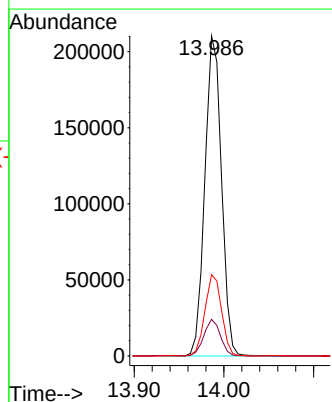
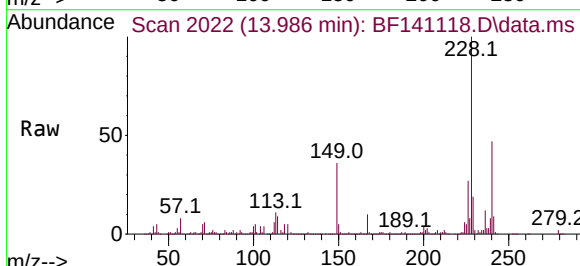
Tgt Ion:240 Resp: 270448

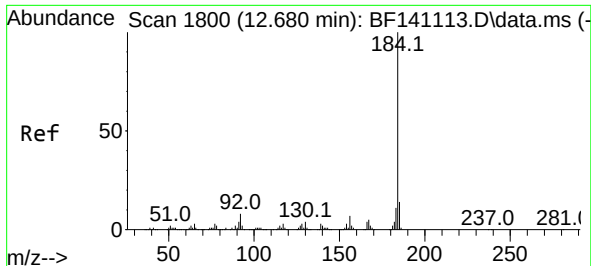
Ion Ratio Lower Upper

240 100

120 11.4 9.1 13.7

236 25.4 19.8 29.6

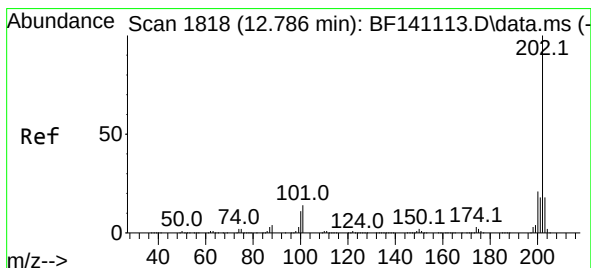
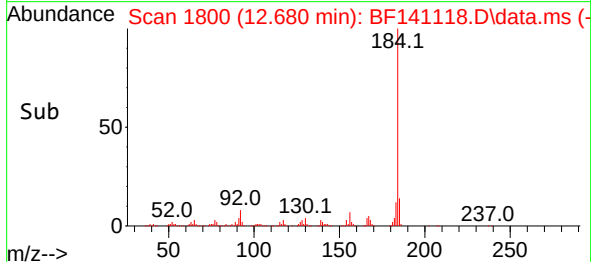
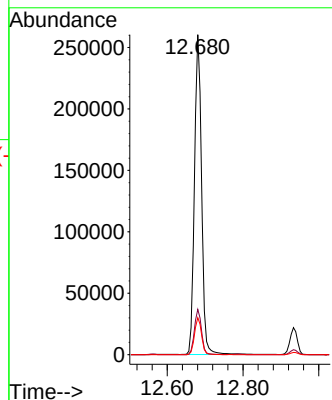
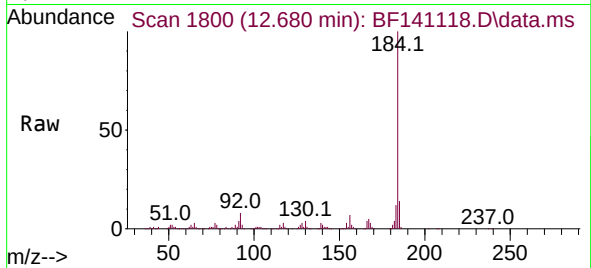




#77  
Benzidine  
Concen: 67.645 ng  
RT: 12.680 min Scan# 1800  
Delta R.T. 0.000 min  
Lab File: BF141118.D  
Acq: 10 Jan 2025 17:19

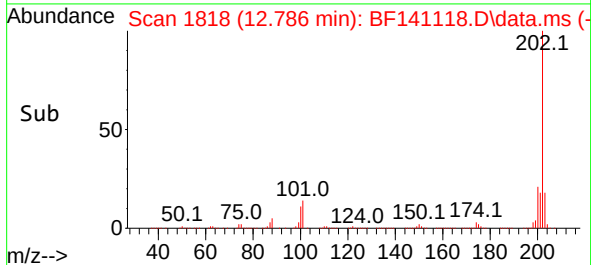
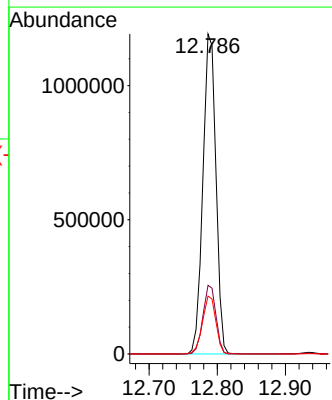
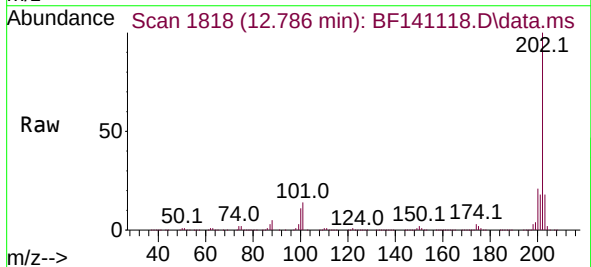
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

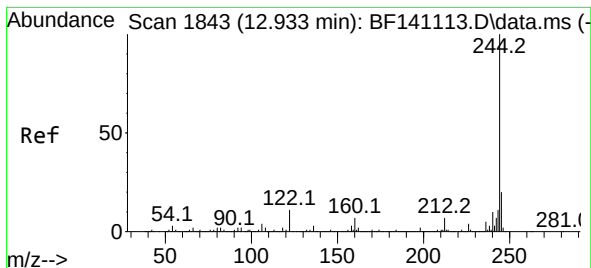
Tgt Ion:184 Resp: 339258  
Ion Ratio Lower Upper  
184 100  
185 14.1 11.4 17.0  
183 11.6 9.2 13.8



#78  
Pyrene  
Concen: 61.407 ng  
RT: 12.786 min Scan# 1818  
Delta R.T. 0.000 min  
Lab File: BF141118.D  
Acq: 10 Jan 2025 17:19

Tgt Ion:202 Resp: 1586225  
Ion Ratio Lower Upper  
202 100  
200 21.4 16.8 25.2  
203 18.1 14.3 21.5





#79

Terphenyl-d14

Concen: 120.552 ng

RT: 12.933 min Scan# 1843

Delta R.T. 0.000 min

Lab File: BF141118.D

Acq: 10 Jan 2025 17:19

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

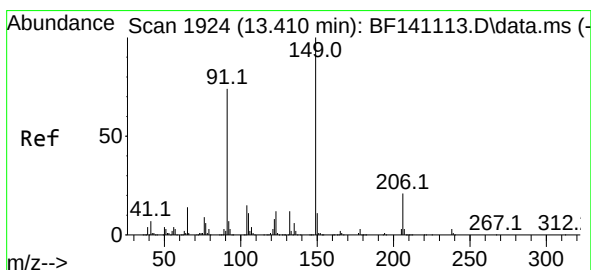
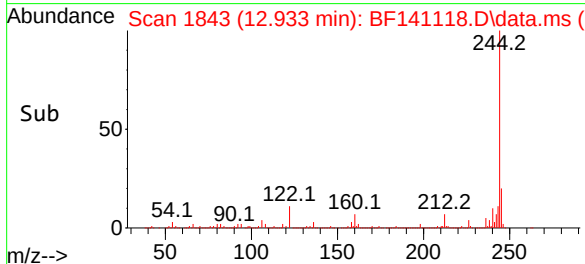
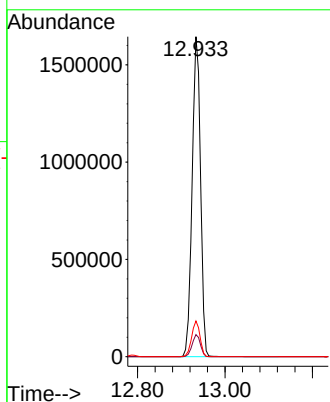
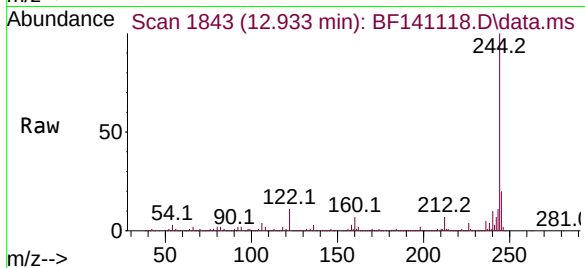
Tgt Ion:244 Resp: 2193567

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

122 11.2 8.8 13.2



#80

Butylbenzylphthalate

Concen: 62.995 ng

RT: 13.410 min Scan# 1924

Delta R.T. 0.000 min

Lab File: BF141118.D

Acq: 10 Jan 2025 17:19

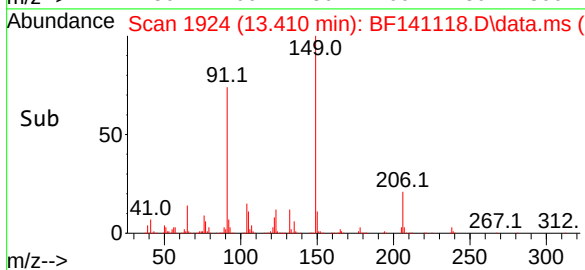
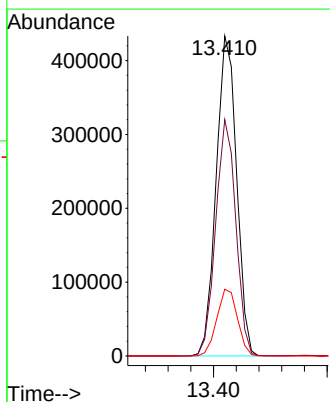
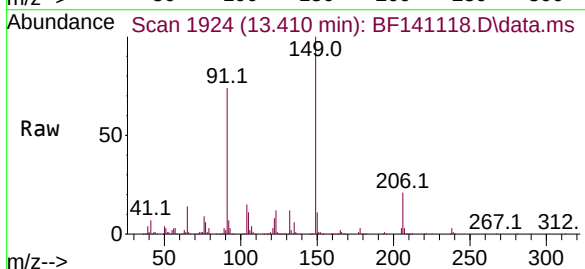
Tgt Ion:149 Resp: 542533

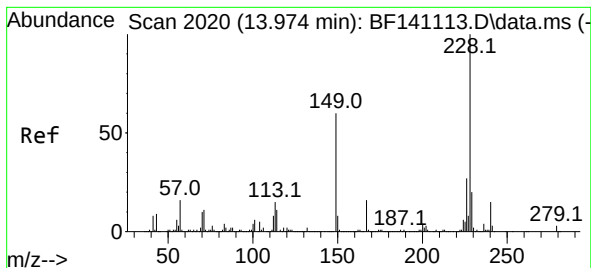
Ion Ratio Lower Upper

149 100

91 73.9 59.0 88.6

206 20.9 16.5 24.7





#81

Benzo(a)anthracene

Concen: 60.261 ng

RT: 13.974 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF141118.D

Acq: 10 Jan 2025 17:19

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

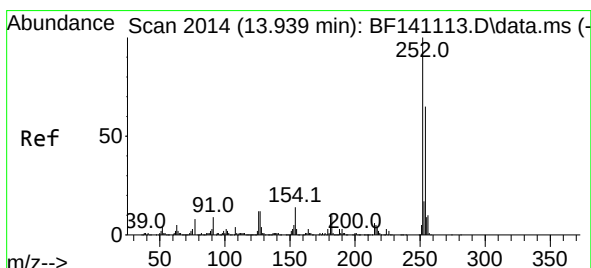
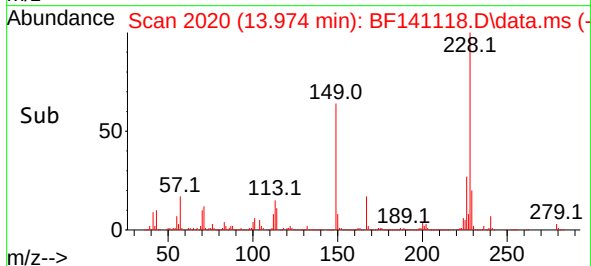
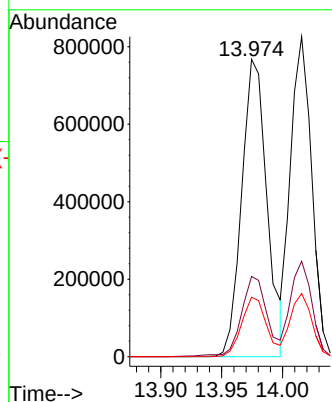
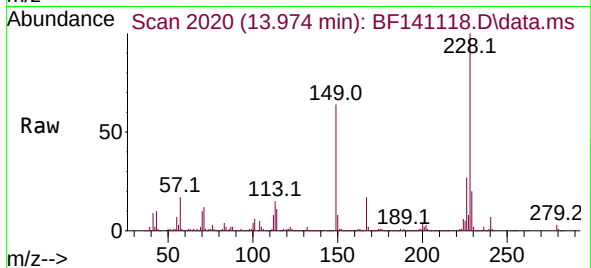
Tgt Ion:228 Resp: 1109142

Ion Ratio Lower Upper

228 100

226 26.9 21.7 32.5

229 20.0 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 61.050 ng

RT: 13.939 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF141118.D

Acq: 10 Jan 2025 17:19

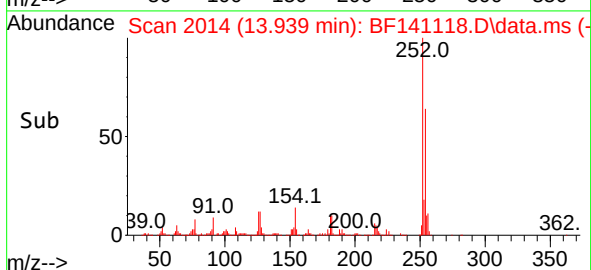
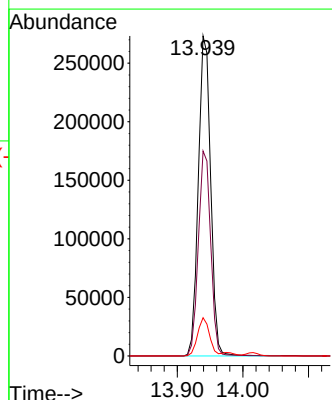
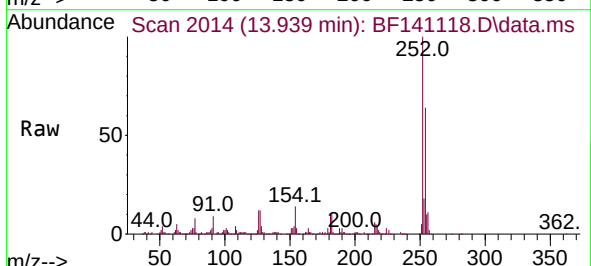
Tgt Ion:252 Resp: 357792

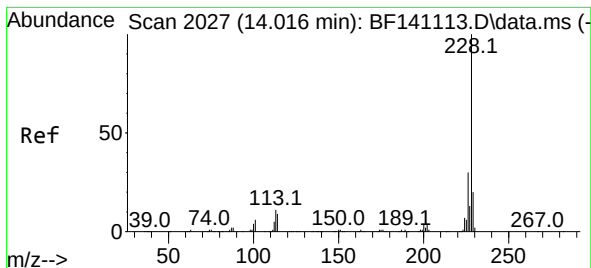
Ion Ratio Lower Upper

252 100

254 64.1 52.0 78.0

126 12.0 9.4 14.0





#83

Chrysene

Concen: 58.332 ng

RT: 14.016 min Scan# 2027

Delta R.T. 0.000 min

Lab File: BF141118.D

Acq: 10 Jan 2025 17:19

Instrument :

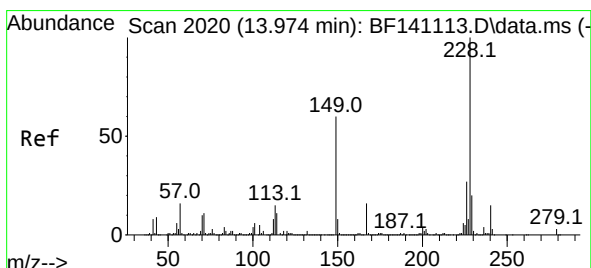
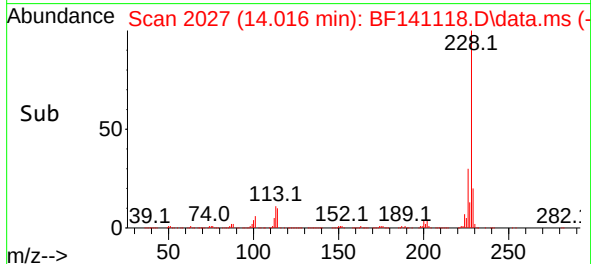
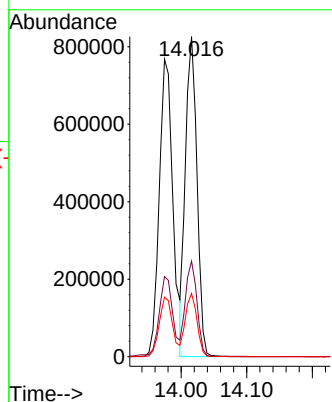
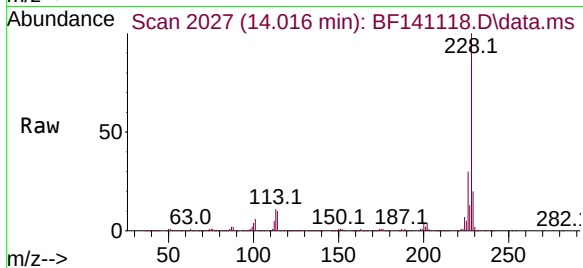
BNA\_F

ClientSampleId :

SSTDICC060

Tgt Ion:228 Resp: 1004586

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 29.9  | 23.8  | 35.8  |
| 229 | 19.8  | 15.8  | 23.8  |



#84

Bis(2-ethylhexyl)phthalate

Concen: 61.496 ng

RT: 13.974 min Scan# 2020

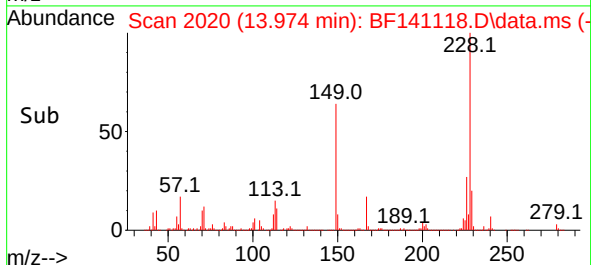
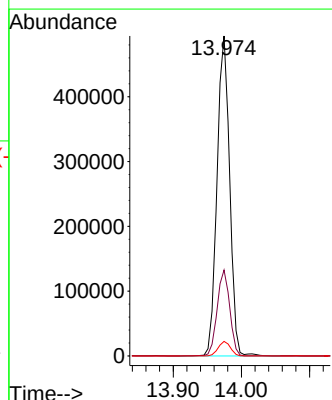
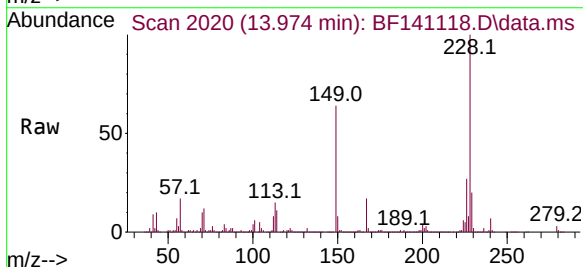
Delta R.T. 0.000 min

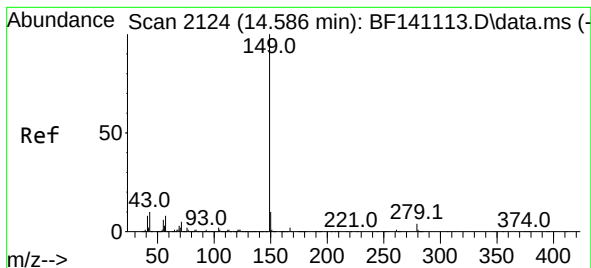
Lab File: BF141118.D

Acq: 10 Jan 2025 17:19

Tgt Ion:149 Resp: 635471

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 26.8  | 21.4  | 32.2  |
| 279 | 4.5   | 3.4   | 5.2   |





#85

Di-n-octyl phthalate

Concen: 64.657 ng

RT: 14.598 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF141118.D

Acq: 10 Jan 2025 17:19

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

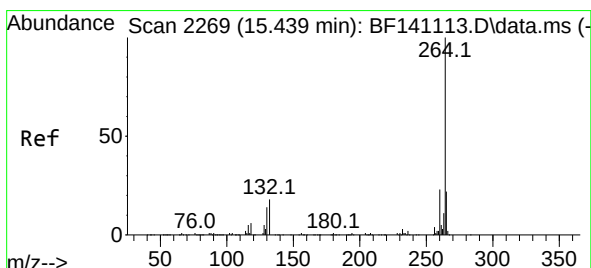
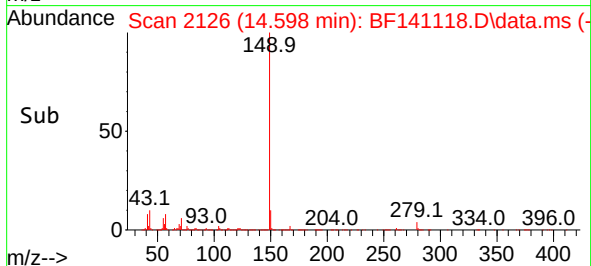
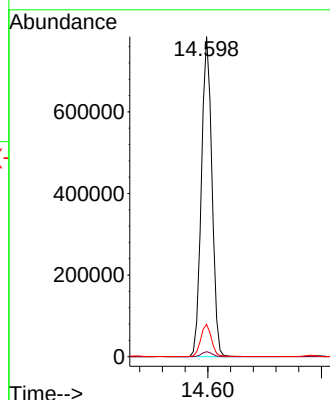
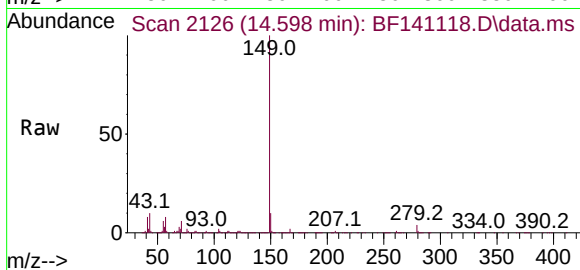
Tgt Ion:149 Resp: 1008931

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.3 8.4 12.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2272

Delta R.T. 0.018 min

Lab File: BF141118.D

Acq: 10 Jan 2025 17:19

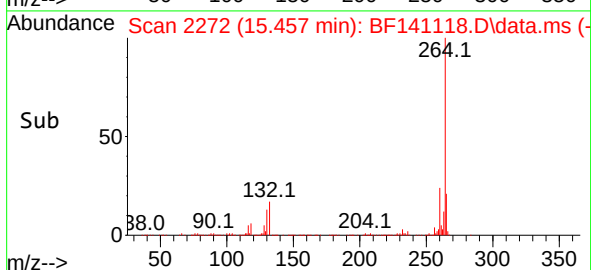
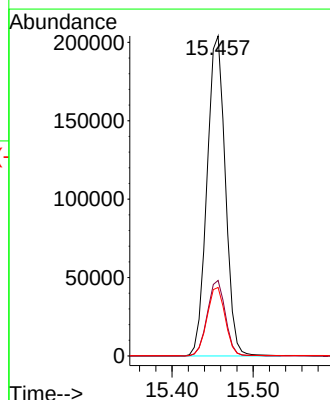
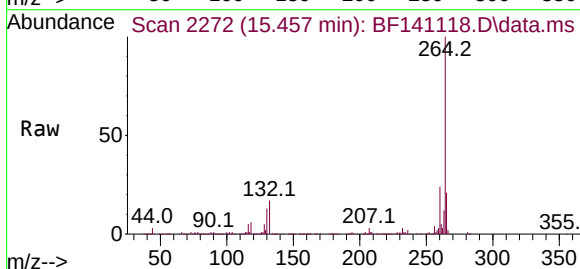
Tgt Ion:264 Resp: 319464

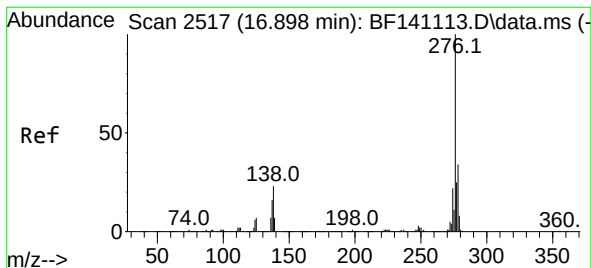
Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 21.4 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 63.034 ng

RT: 16.915 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF141118.D

Acq: 10 Jan 2025 17:19

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

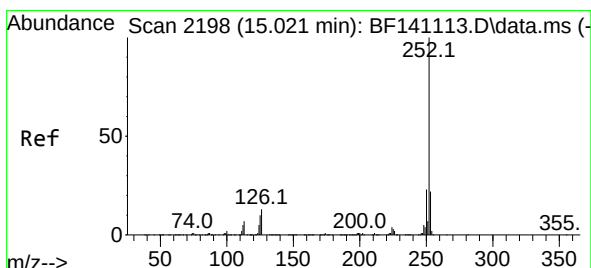
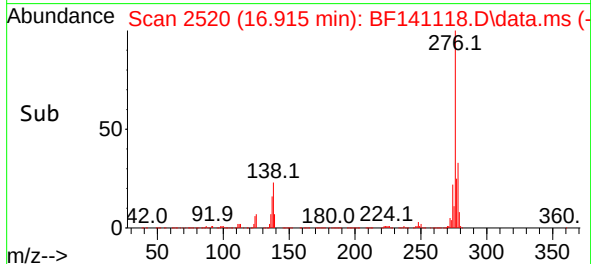
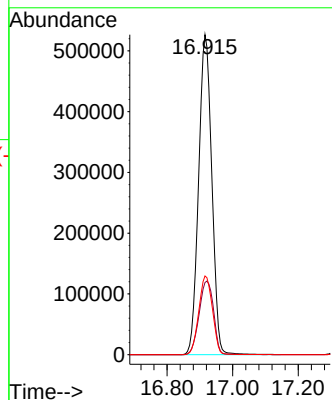
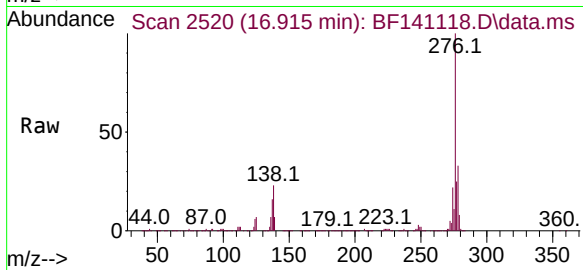
Tgt Ion:276 Resp: 1475298

Ion Ratio Lower Upper

276 100

138 25.3 20.7 31.1

277 25.5 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 55.395 ng

RT: 15.033 min Scan# 2200

Delta R.T. 0.012 min

Lab File: BF141118.D

Acq: 10 Jan 2025 17:19

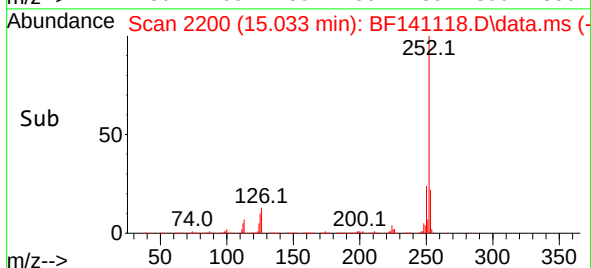
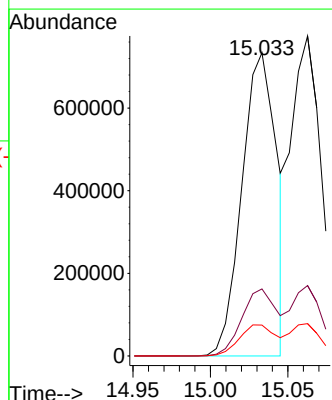
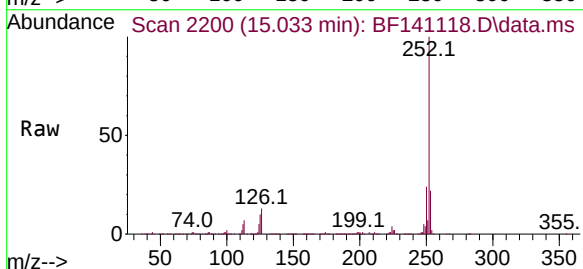
Tgt Ion:252 Resp: 1141152

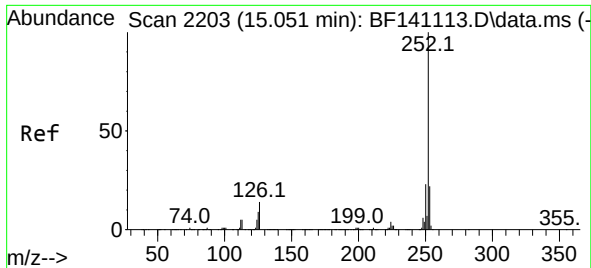
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 10.2 8.1 12.1

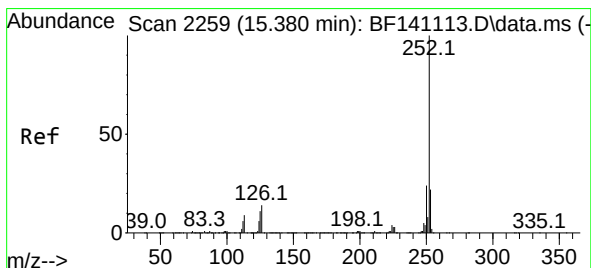
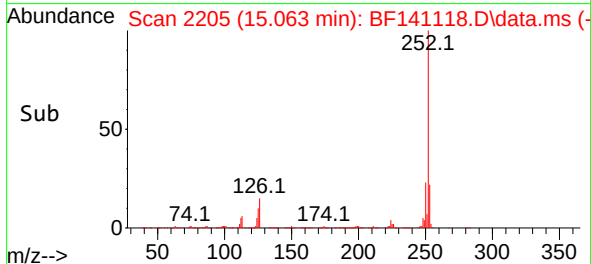
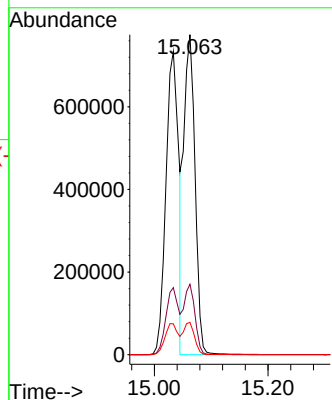
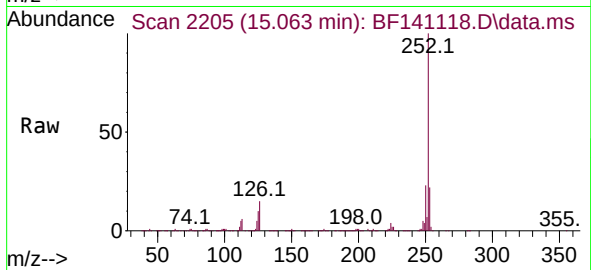




#89  
Benzo(k)fluoranthene  
Concen: 60.741 ng  
RT: 15.063 min Scan# 21  
Delta R.T. 0.012 min  
Lab File: BF141118.D  
Acq: 10 Jan 2025 17:19

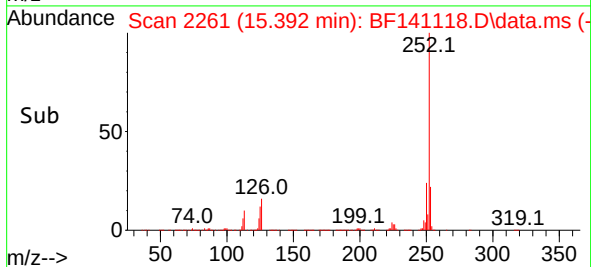
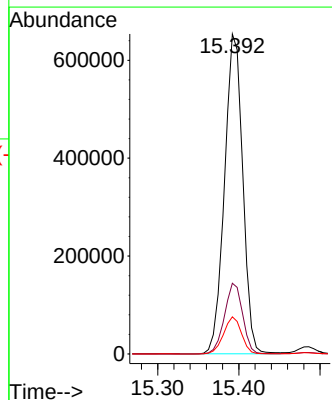
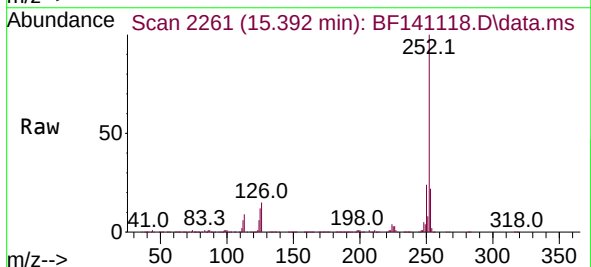
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

Tgt Ion:252 Resp: 1057429  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.8 26.8  
125 10.1 7.9 11.9

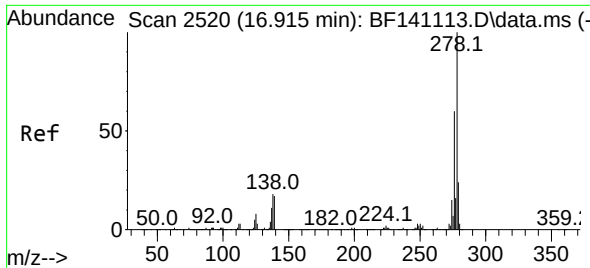


#90  
Benzo(a)pyrene  
Concen: 60.139 ng  
RT: 15.392 min Scan# 2261  
Delta R.T. 0.012 min  
Lab File: BF141118.D  
Acq: 10 Jan 2025 17:19

Tgt Ion:252 Resp: 1022132  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.7 26.5  
125 11.6 9.1 13.7



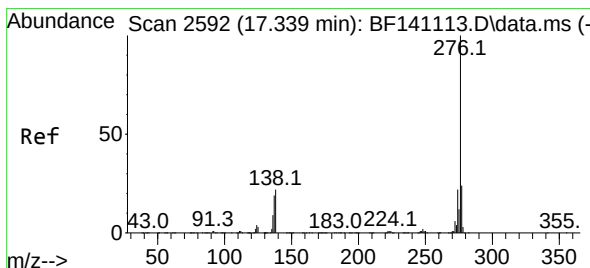
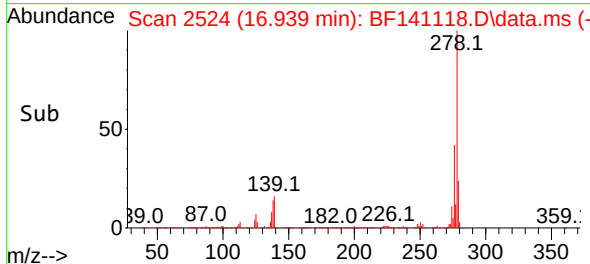
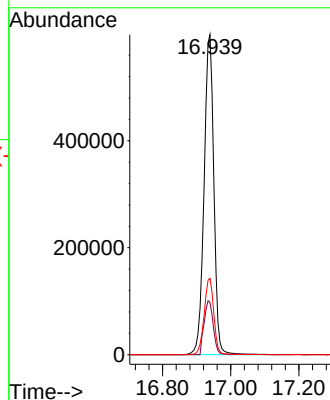
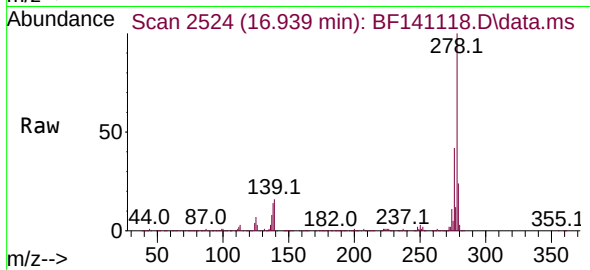




#91  
Dibenzo(a,h)anthracene  
Concen: 63.146 ng  
RT: 16.939 min Scan# 2524  
Delta R.T. 0.024 min  
Lab File: BF141118.D  
Acq: 10 Jan 2025 17:19

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

Tgt Ion:278 Resp: 1195359  
Ion Ratio Lower Upper  
278 100  
139 16.4 13.8 20.6  
279 23.9 19.1 28.7



#92  
Benzo(g,h,i)perylene  
Concen: 63.068 ng  
RT: 17.363 min Scan# 2596  
Delta R.T. 0.024 min  
Lab File: BF141118.D  
Acq: 10 Jan 2025 17:19

Tgt Ion:276 Resp: 1241806  
Ion Ratio Lower Upper  
276 100  
277 23.7 19.0 28.4  
138 21.7 17.4 26.2

